

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141981.D
 Acq On : 17 Mar 2025 15:00
 Operator : RC/JU
 Sample : Q1585-01MSD 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025

Quant Time: Mar 17 15:36:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	122962	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	428074	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	210222	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	360568	20.000	ng	0.00
76) Chrysene-d12	14.045	240	282638	20.000	ng	0.00
86) Perylene-d12	15.521	264	213270	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	357779	48.561	ng	0.00
7) Phenol-d6	6.504	99	425661	45.377	ng	0.00
23) Nitrobenzene-d5	7.439	82	265875	34.953	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	126929	47.593	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	515884	37.321	ng	0.00
79) Terphenyl-d14	12.986	244	626391	32.766	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	77134	24.986	ng	99
3) Pyridine	3.451	79	165090	21.802	ng	97
4) n-Nitrosodimethylamine	3.381	42	80462	22.291	ng	94
6) Aniline	6.539	93	111079	12.004	ng	100
8) 2-Chlorophenol	6.663	128	187703	22.971	ng	98
9) Benzaldehyde	6.434	77	50735	9.671	ng	96
10) Phenol	6.516	94	223020	22.599	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	173616	23.429	ng	98
12) 1,3-Dichlorobenzene	6.822	146	206380	23.395	ng	98
13) 1,4-Dichlorobenzene	6.898	146	210826	23.620	ng	99
14) 1,2-Dichlorobenzene	7.051	146	196004	23.314	ng	99
15) Benzyl Alcohol	7.016	79	160230	21.128	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	190198	21.260	ng	100
17) 2-Methylphenol	7.128	107	141763	21.820	ng	99
18) Hexachloroethane	7.392	117	72524	21.668	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	125800	20.871	ng	99
20) 3+4-Methylphenols	7.281	107	185060	22.238	ng	# 74
22) Acetophenone	7.286	105	279857	27.299	ng	99
24) Nitrobenzene	7.457	77	183578	24.276	ng	100
25) Isophorone	7.698	82	333584	24.809	ng	99
26) 2-Nitrophenol	7.775	139	81983	22.089	ng	98
27) 2,4-Dimethylphenol	7.810	122	147078	28.780	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	200722	23.801	ng	99
29) 2,4-Dichlorophenol	8.016	162	145170	22.886	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	165028	23.607	ng	99
31) Naphthalene	8.186	128	524501	23.852	ng	99
32) Benzoic acid	7.886	122	108252m	24.097	ng	
33) 4-Chloroaniline	8.228	127	86978	11.205	ng	98
34) Hexachlorobutadiene	8.298	225	116089	25.465	ng	97
35) Caprolactam	8.575	113	47281	24.448	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	148595	21.000	ng	98
37) 2-Methylnaphthalene	8.875	142	321291	21.859	ng	99
38) 1-Methylnaphthalene	8.975	142	314911	22.203	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	180198	28.154	ng	99
41) Hexachlorocyclopentadiene	9.028	237	54883	21.911	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	99411	23.766	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	101841	24.039	ng	98
46) 1,1'-Biphenyl	9.339	154	450681	28.215	ng	99
47) 2-Chloronaphthalene	9.363	162	293294	24.635	ng	98
48) 2-Nitroaniline	9.457	65	87104	25.269	ng	96
49) Acenaphthylene	9.780	152	489709	27.718	ng	99
50) Dimethylphthalate	9.633	163	361750	24.573	ng	100
51) 2,6-Dinitrotoluene	9.692	165	71293	23.259	ng	98
52) Acenaphthene	9.951	154	305530	24.608	ng	99
53) 3-Nitroaniline	9.863	138	66296	21.323	ng	99
54) 2,4-Dinitrophenol	9.969	184	9121	11.380	ng #	32
55) Dibenzofuran	10.122	168	428947	24.179	ng	98
56) 4-Nitrophenol	10.016	139	122925	52.427	ng	98
57) 2,4-Dinitrotoluene	10.098	165	93849	23.443	ng #	97
58) Fluorene	10.463	166	368013	26.900	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	87893	22.799	ng	99
60) Diethylphthalate	10.333	149	342607	23.340	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	165480	23.200	ng	98
62) 4-Nitroaniline	10.469	138	69514	22.965	ng	95
63) Azobenzene	10.616	77	321117	23.530	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	8384	3.900	ng	82
66) n-Nitrosodiphenylamine	10.574	169	280032	24.000	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	101979	22.520	ng	99
68) Hexachlorobenzene	11.016	284	115374	23.230	ng	95
69) Atrazine	11.098	200	112097	31.338	ng	98
70) Pentachlorophenol	11.204	266	147715	48.273	ng	99
71) Phenanthrene	11.427	178	841818	43.225	ng	99
72) Anthracene	11.480	178	577698	29.566	ng	99
73) Carbazole	11.633	167	460642	27.337	ng	99
74) Di-n-butylphthalate	11.963	149	535762	23.962	ng	99
75) Fluoranthene	12.616	202	935046	45.261	ng	100
77) Benzidine	12.739	184	194488	49.321	ng	100
78) Pyrene	12.845	202	950264	38.868	ng	99
80) Butylbenzylphthalate	13.463	149	224636	23.475	ng	98
81) Benzo(a)anthracene	14.033	228	616040	33.215	ng	97
82) 3,3'-Dichlorobenzidine	13.998	252	127292	23.750	ng	98
83) Chrysene	14.068	228	560472	33.337	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	317279	24.047	ng	99
85) Di-n-octyl phthalate	14.633	149	467953	25.490	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	365791	26.514	ng	96
88) Benzo(b)fluoranthene	15.086	252	499038	34.142	ng	98
89) Benzo(k)fluoranthene	15.115	252	342364	27.371	ng	98
90) Benzo(a)pyrene	15.457	252	393947	34.445	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	257236	22.599	ng	99
92) Benzo(g,h,i)perylene	17.468	276	292869	26.036	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

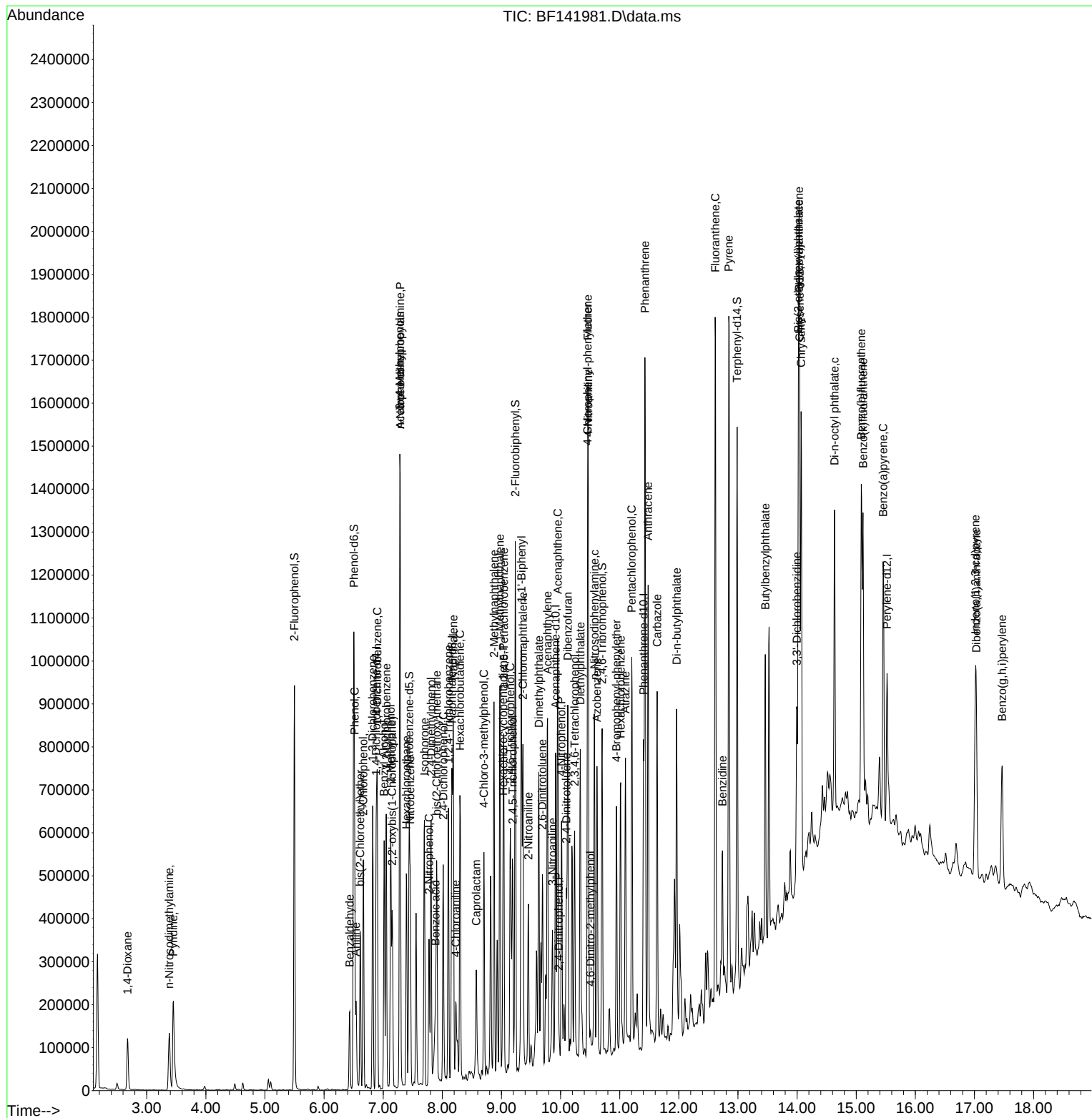
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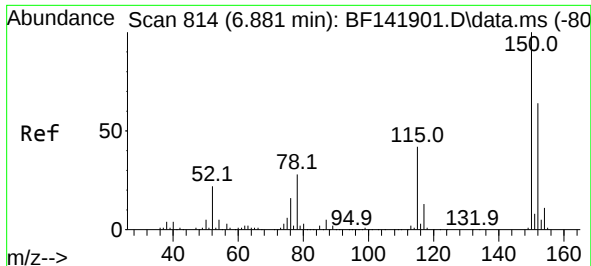
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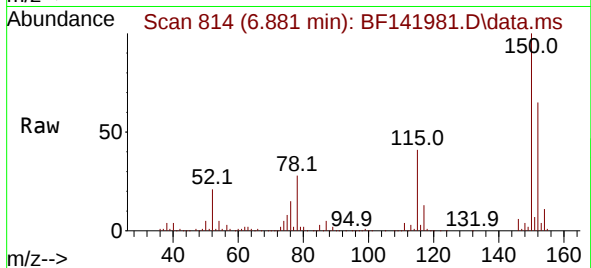
Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

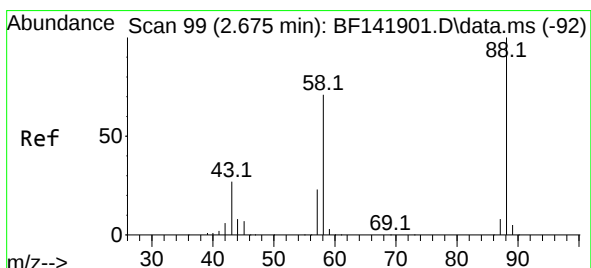
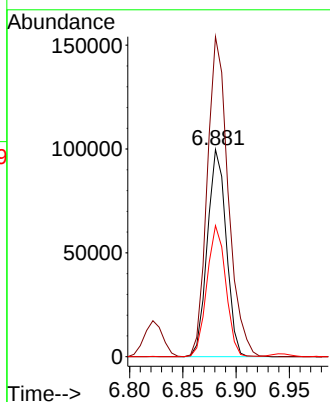
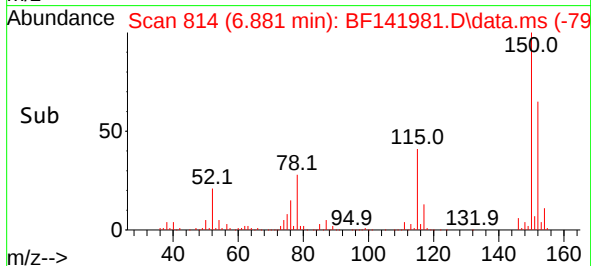
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:152 Resp: 122962
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.2
115 63.2 51.9 77.9

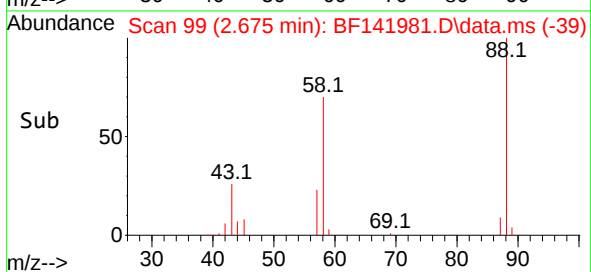
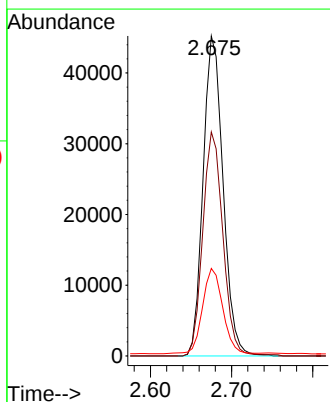
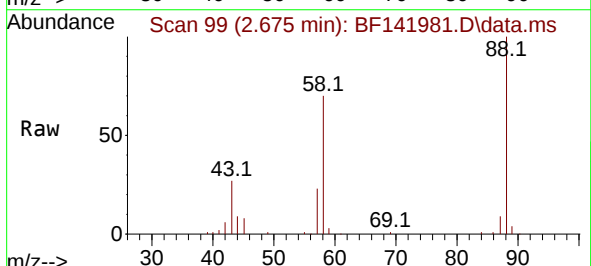
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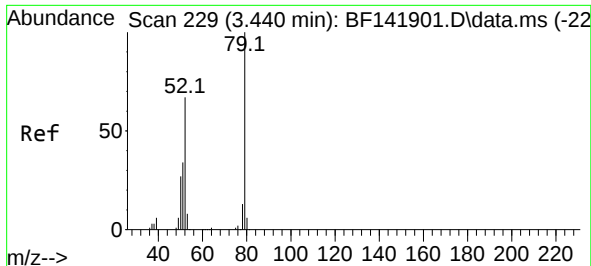
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#2
1,4-Dioxane
Concen: 24.986 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

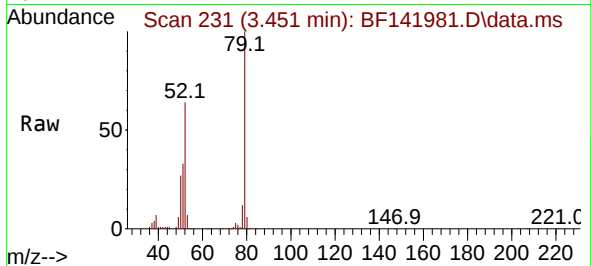
Tgt Ion: 88 Resp: 77134
Ion Ratio Lower Upper
88 100
58 70.4 57.4 86.2
43 27.0 21.5 32.3





#3
Pyridine
Concen: 21.802 ng
RT: 3.451 min Scan# 219
Delta R.T. 0.012 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

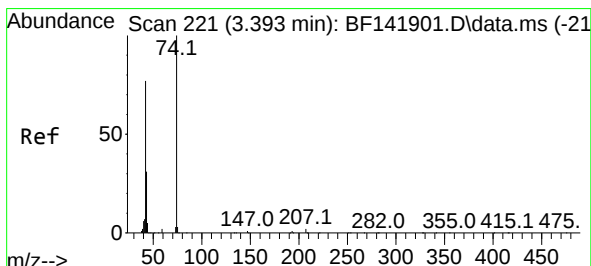
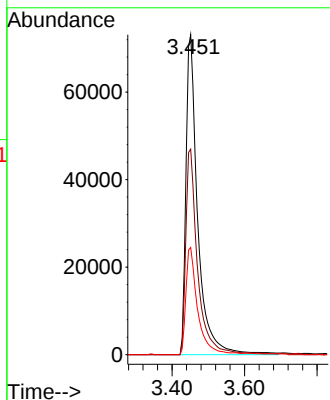
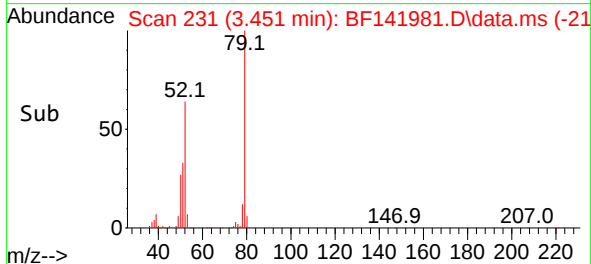
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion: 79 Resp: 165090
Ion Ratio Lower Upper
79 100
52 64.2 53.3 79.9
51 33.5 27.6 41.4

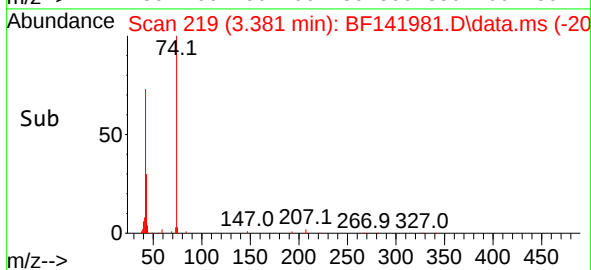
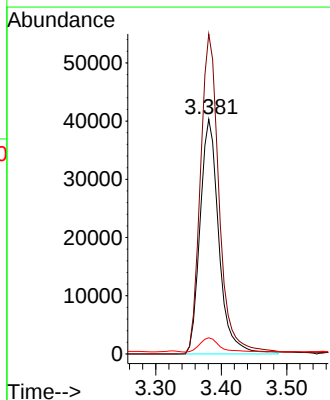
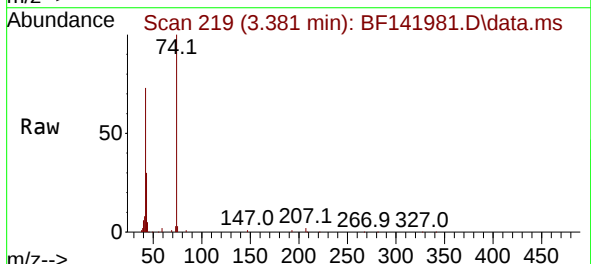
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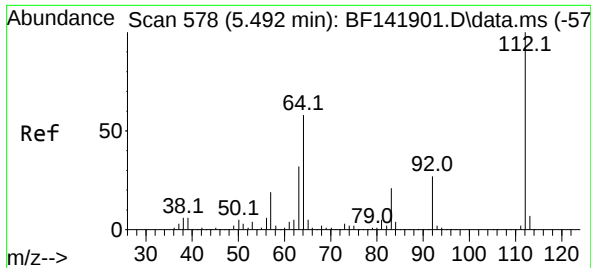
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#4
n-Nitrosodimethylamine
Concen: 22.291 ng
RT: 3.381 min Scan# 219
Delta R.T. -0.012 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion: 42 Resp: 80462
Ion Ratio Lower Upper
42 100
74 136.3 103.4 155.0
44 6.9 5.0 7.4





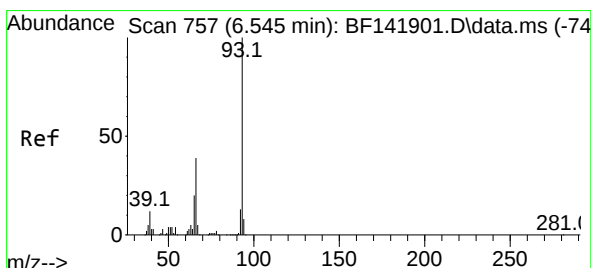
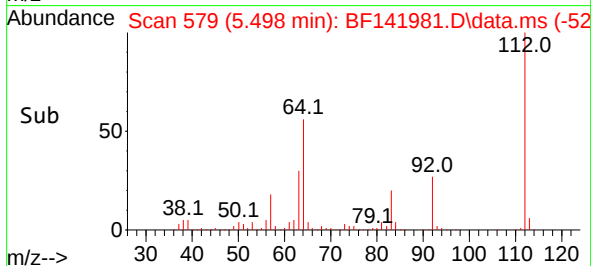
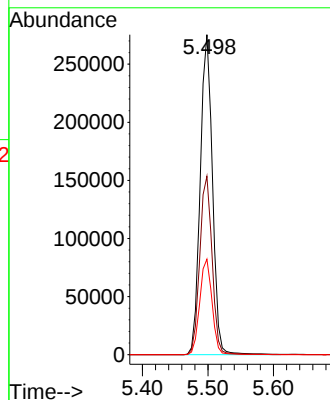
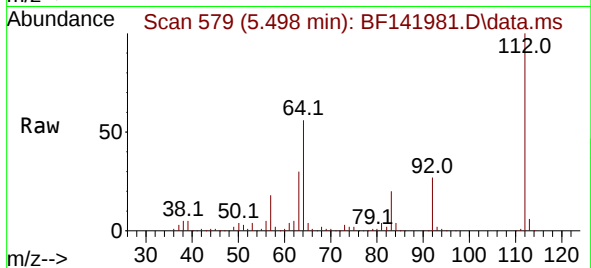
#5
2-Fluorophenol
Concen: 48.561 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Tgt Ion: 112 Resp: 357779
Ion Ratio Lower Upper
112 100
64 55.8 46.5 69.7
63 29.9 25.4 38.2

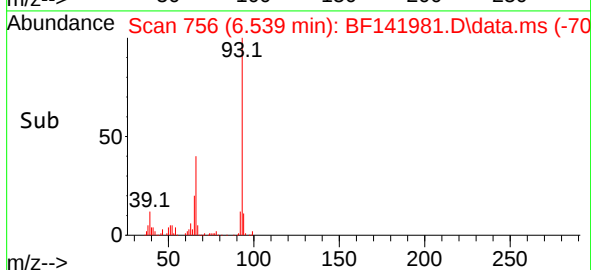
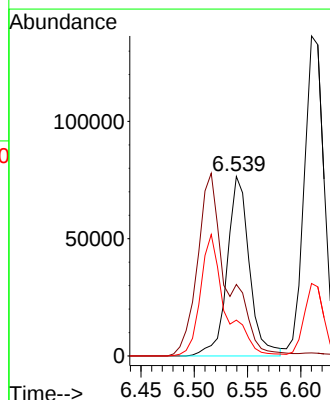
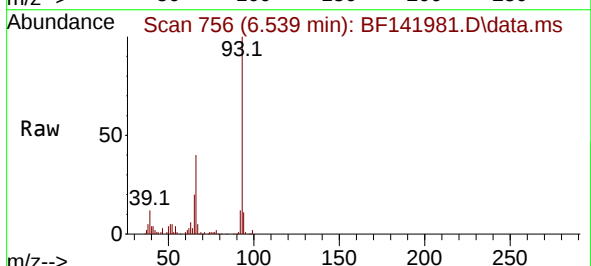
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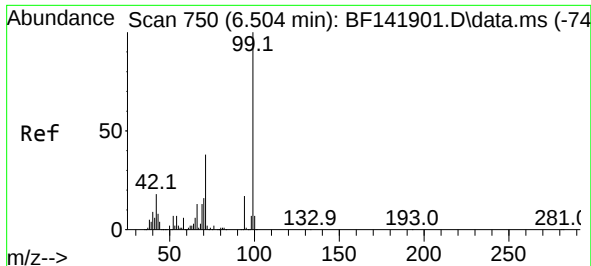
Reviewed By :Anahy Claudio 03/18/2025
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#6
Aniline
Concen: 12.004 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

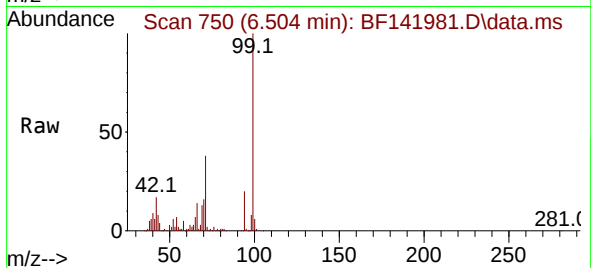
Tgt Ion: 93 Resp: 111079
Ion Ratio Lower Upper
93 100
66 39.8 31.9 47.9
65 20.0 15.8 23.6





#7
Phenol-d6
Concen: 45.377 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

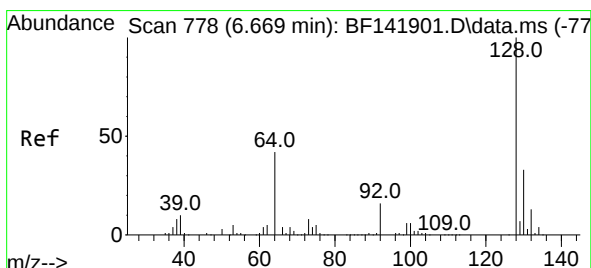
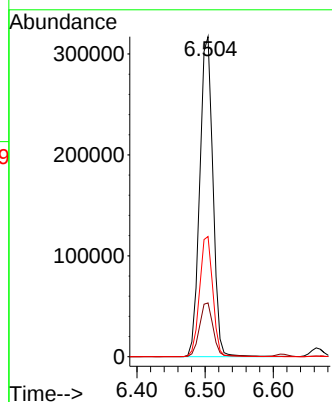
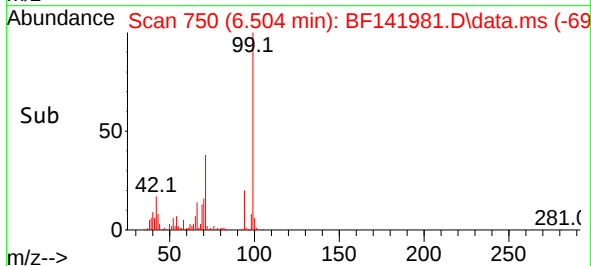
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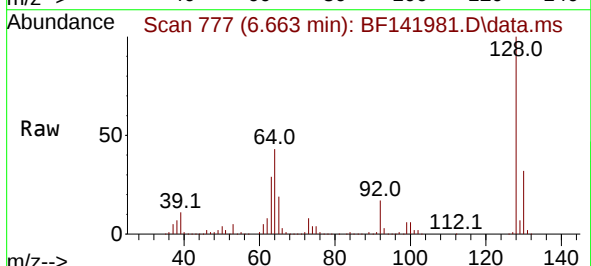
Tgt Ion: 99 Resp: 425663
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 37.6 30.8 46.2

Manual Integrations
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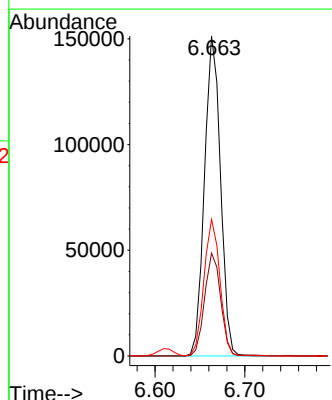
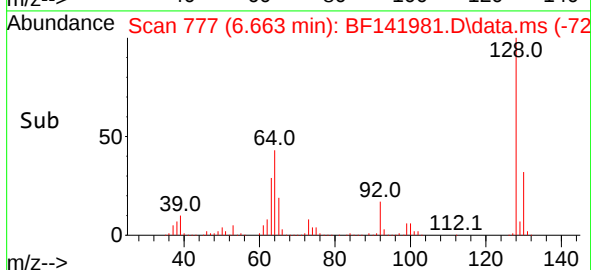
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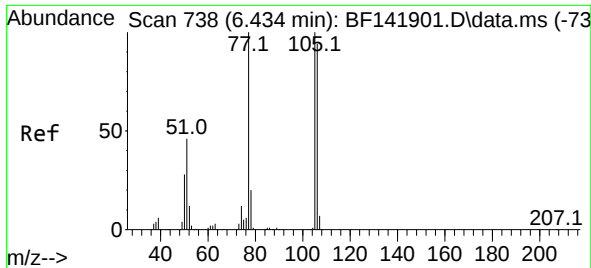


#8
2-Chlorophenol
Concen: 22.971 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



Tgt Ion:128 Resp: 187703
Ion Ratio Lower Upper
128 100
130 32.1 12.8 52.8
64 42.7 24.4 64.4





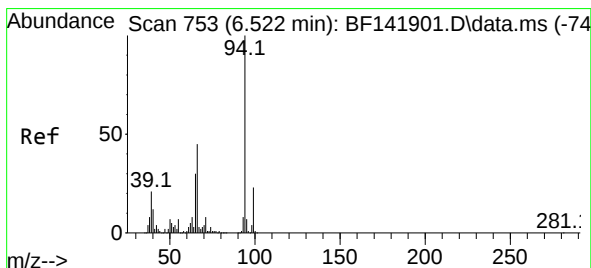
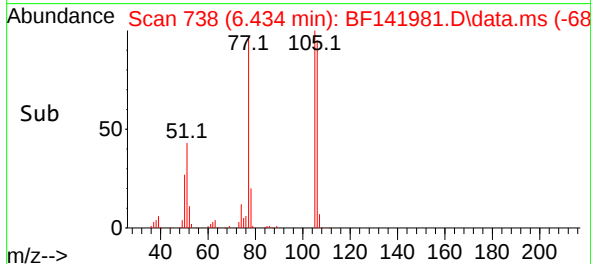
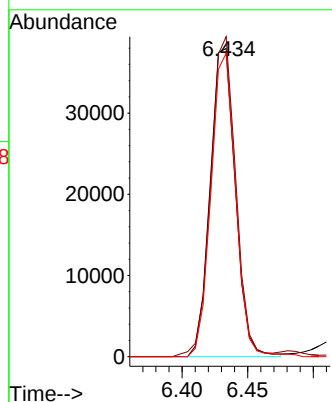
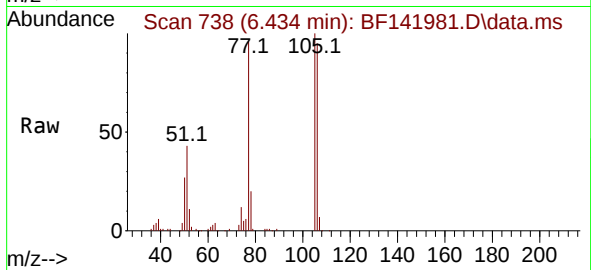
#9
Benzaldehyde
Concen: 9.671 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 50735
Ion Ratio Lower Upper
77 100
105 103.9 80.0 120.0
106 98.5 74.5 114.5

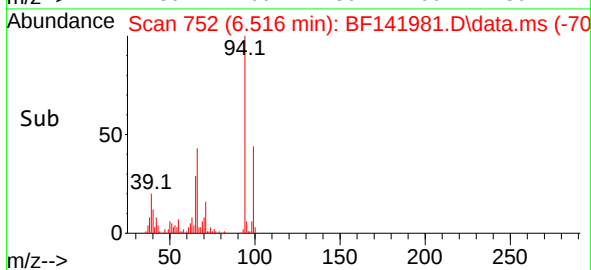
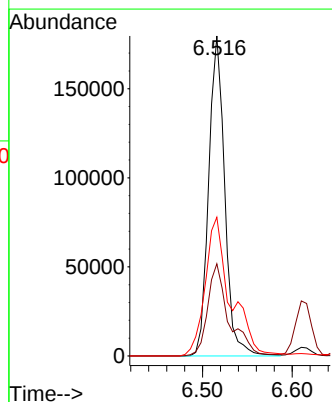
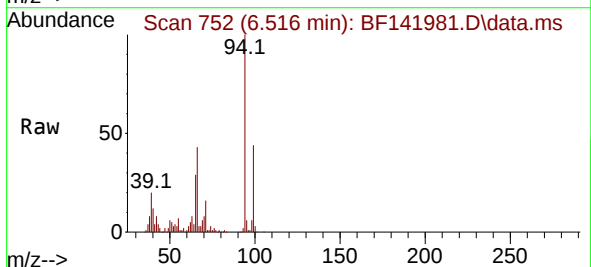
Manual Integrations
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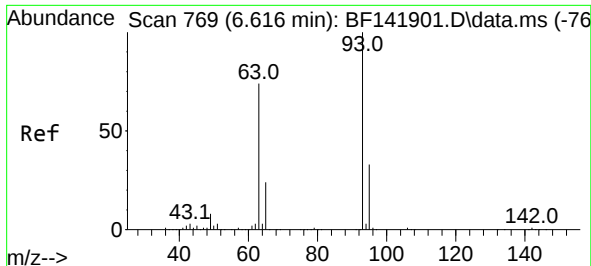
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#10
Phenol
Concen: 22.599 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

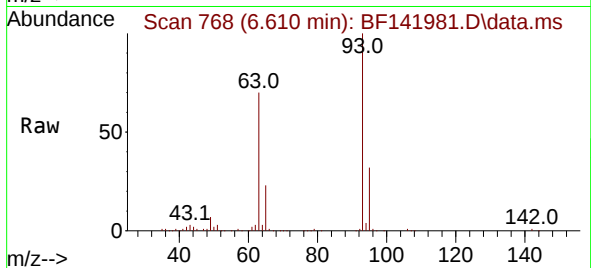
Tgt Ion: 94 Resp: 223020
Ion Ratio Lower Upper
94 100
65 28.8 10.5 50.5
66 43.4 25.8 65.8





#11
bis(2-Chloroethyl)ether
Concen: 23.429 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

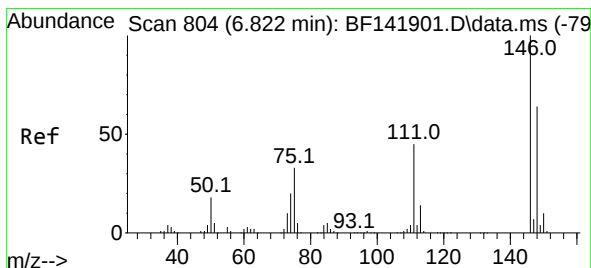
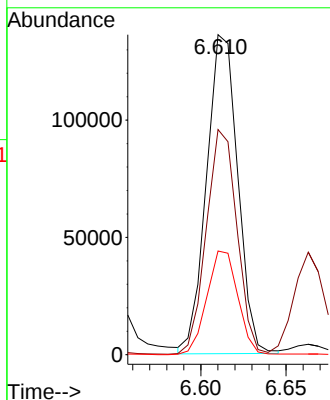
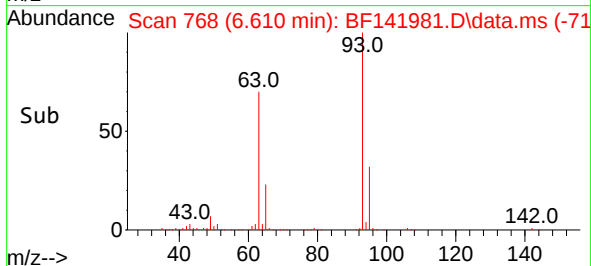
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



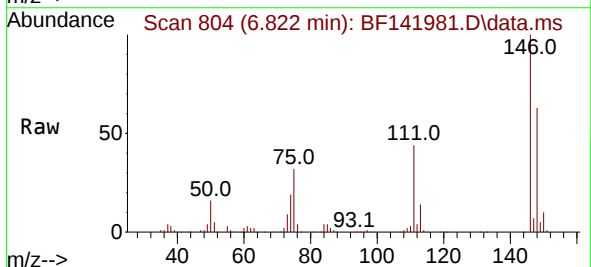
Tgt Ion: 93 Resp: 173610
Ion Ratio Lower Upper
93 100
63 70.4 53.0 93.0
95 32.4 12.9 52.9

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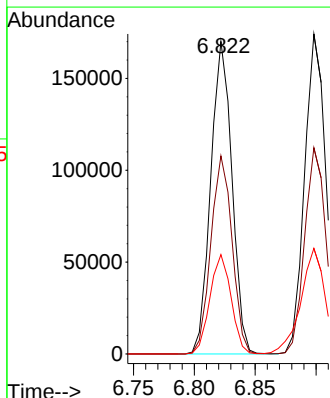
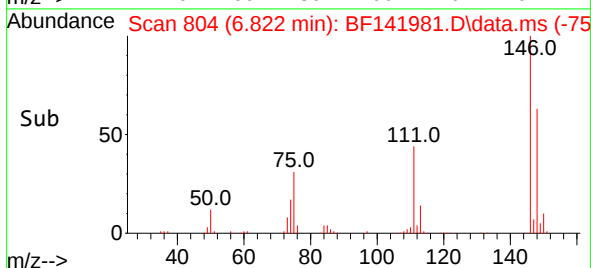
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

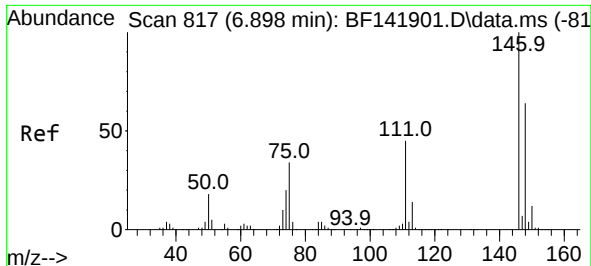


#12
1,3-Dichlorobenzene
Concen: 23.395 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



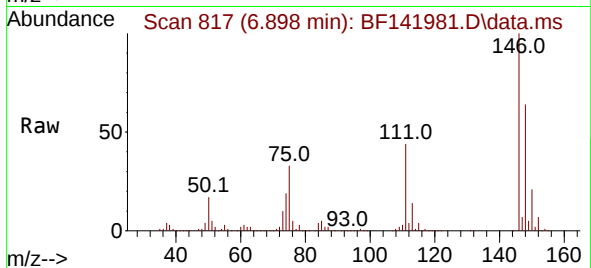
Tgt Ion:146 Resp: 206380
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 31.8 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 23.620 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

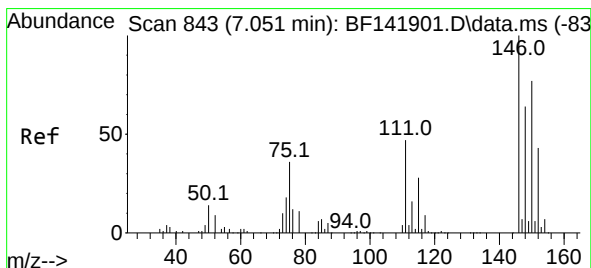
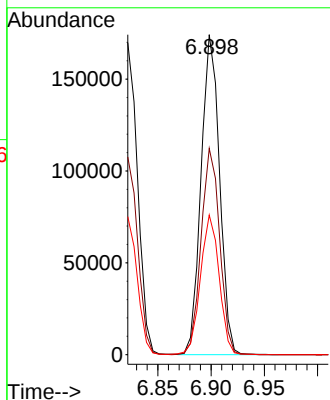
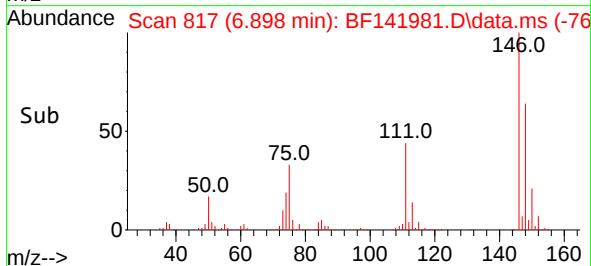
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



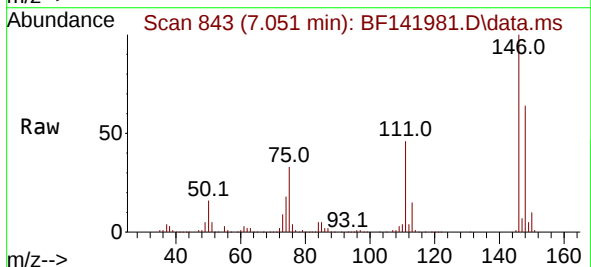
Tgt Ion:146 Resp: 210820
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 43.6 35.7 53.5

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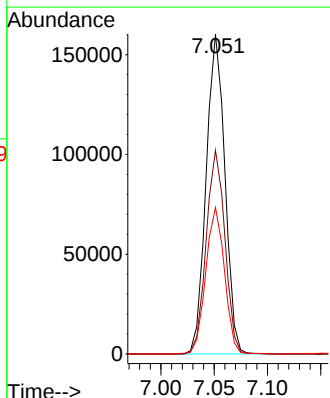
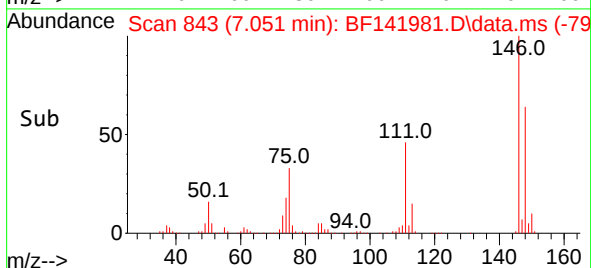
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

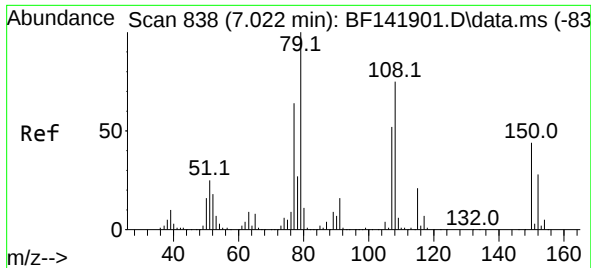


#14
1,2-Dichlorobenzene
Concen: 23.314 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



Tgt Ion:146 Resp: 196004
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
111 45.7 38.0 57.0





#15

Benzyl Alcohol

Concen: 21.128 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion: 79 Resp: 160230

Ion Ratio Lower Upper

79 100

108 74.1 59.7 89.5

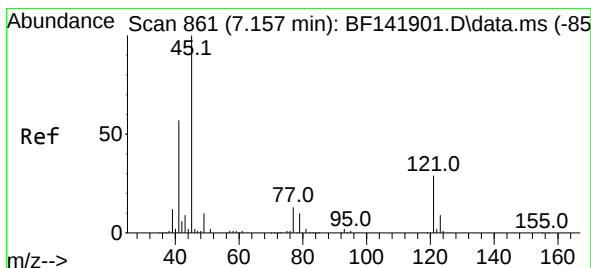
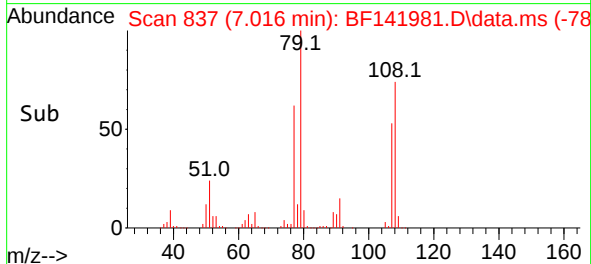
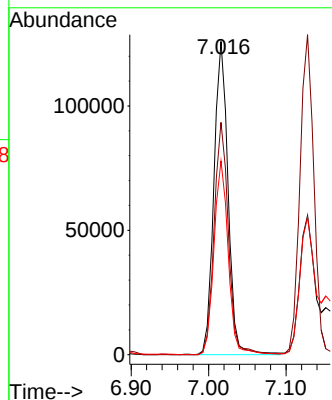
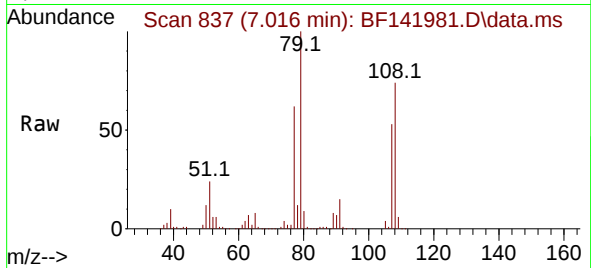
77 61.8 51.0 76.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.260 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

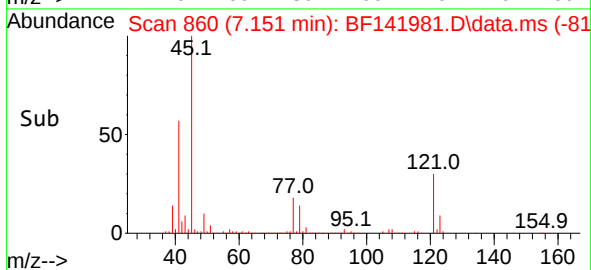
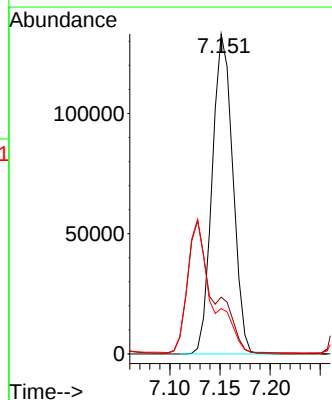
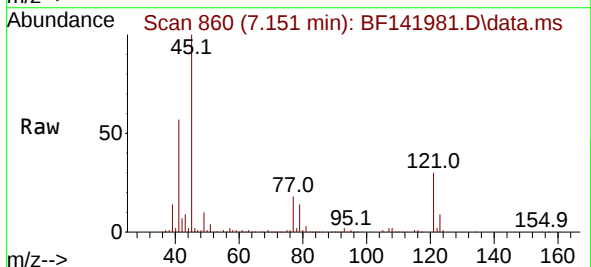
Tgt Ion: 45 Resp: 190198

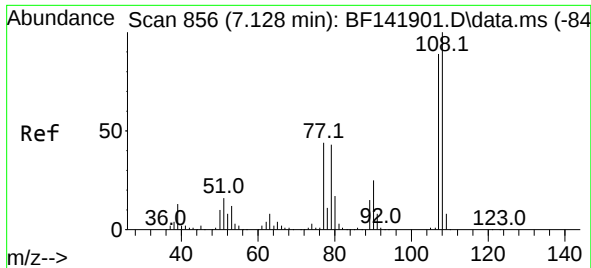
Ion Ratio Lower Upper

45 100

77 17.7 0.0 37.8

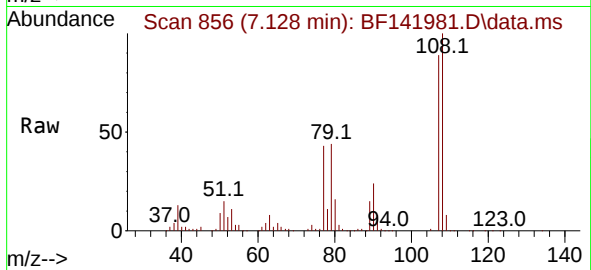
79 14.2 0.0 34.2





#17
2-Methylphenol
Concen: 21.820 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

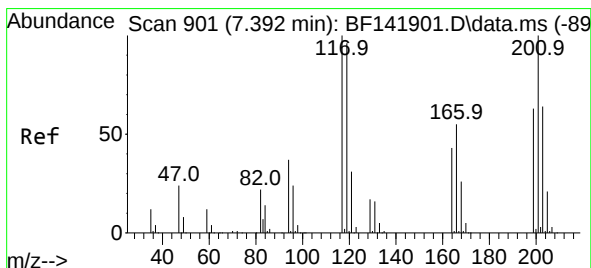
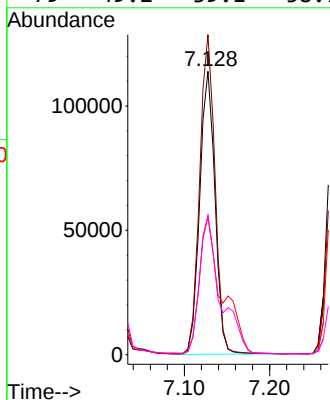
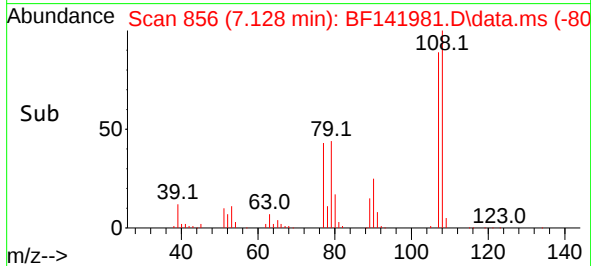
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



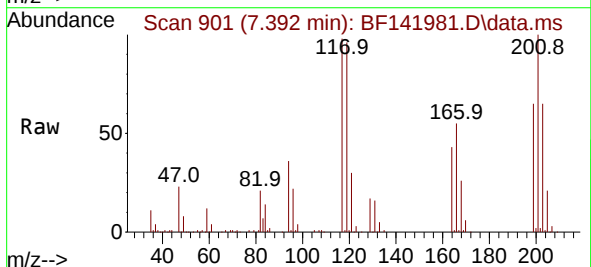
Tgt Ion:107 Resp: 14176
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 48.6 39.6 59.4
79 49.2 39.1 58.7

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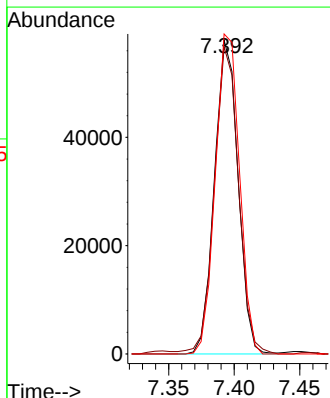
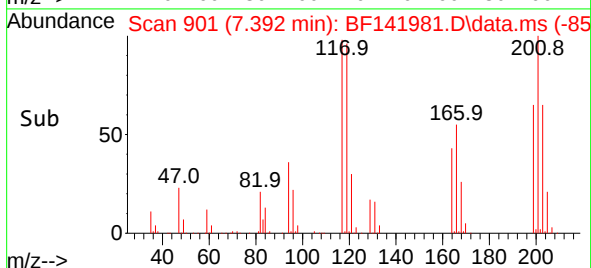
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

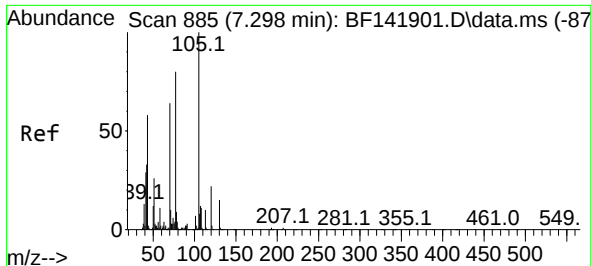


#18
Hexachloroethane
Concen: 21.668 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



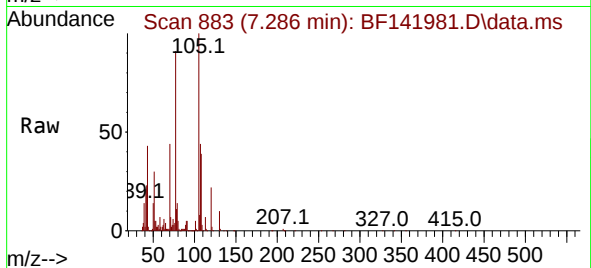
Tgt Ion:117 Resp: 72524
Ion Ratio Lower Upper
117 100
119 97.9 76.9 115.3
201 102.0 79.9 119.9





#19
n-Nitroso-di-n-propylamine
Concen: 20.871 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

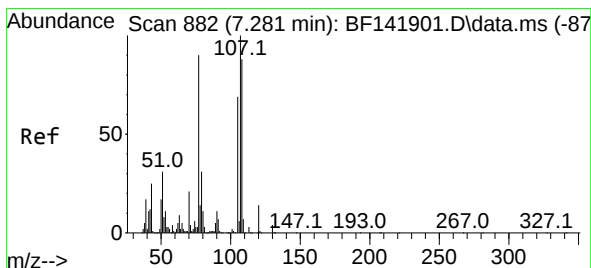
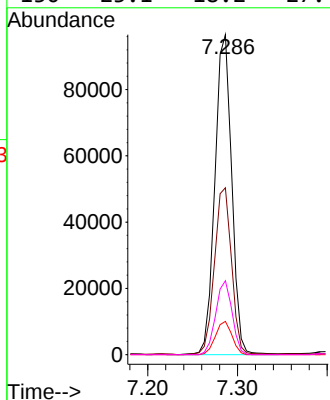
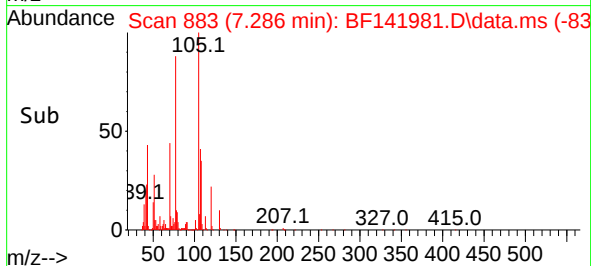
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion: 70 Resp: 125800
Ion Ratio Lower Upper
70 100
42 52.1 41.4 62.0
101 10.4 8.2 12.2
130 23.1 18.2 27.4

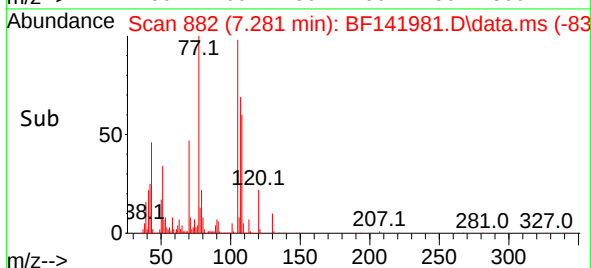
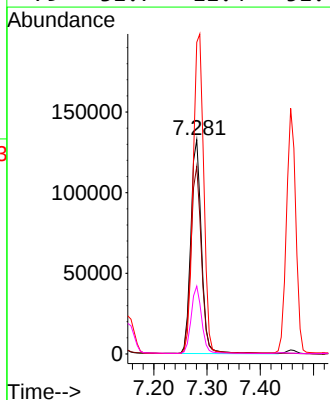
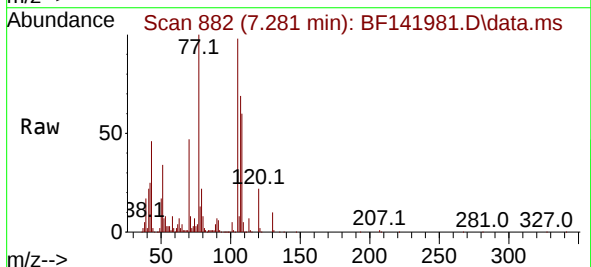
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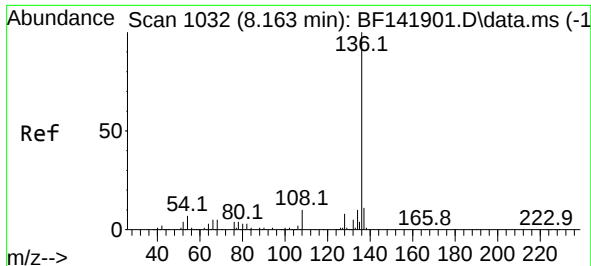
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#20
3+4-Methylphenols
Concen: 22.238 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:107 Resp: 185060
Ion Ratio Lower Upper
107 100
108 87.6 68.4 108.4
77 145.5 69.7 109.7#
79 31.7 11.4 51.4





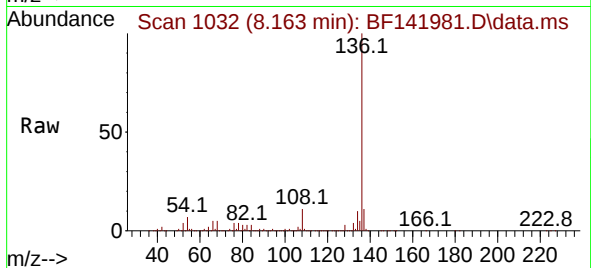
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

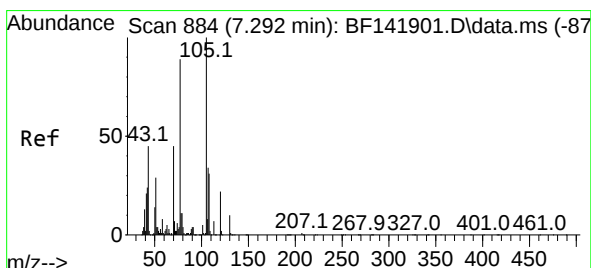
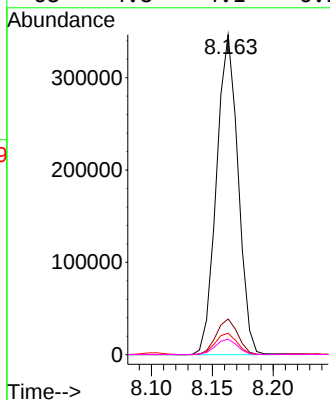
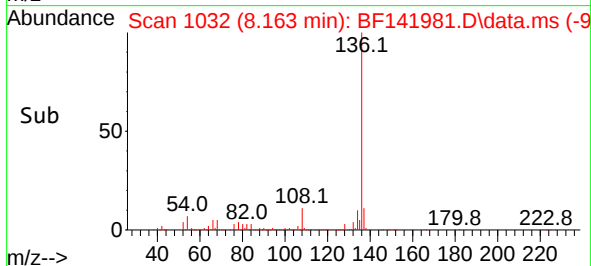


Tgt Ion:136 Resp: 428074
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.7 5.8 8.8
68 4.8 4.1 6.1

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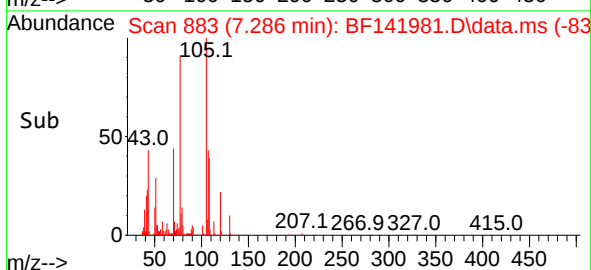
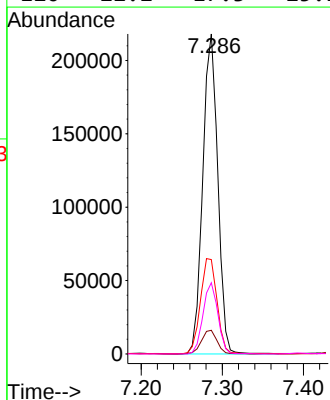
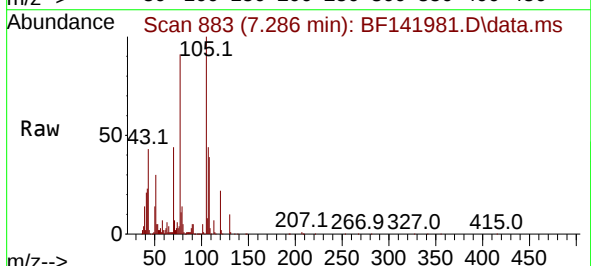
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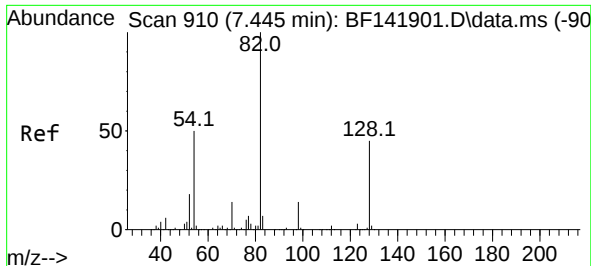
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#22
Acetophenone
Concen: 27.299 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:105 Resp: 279857
Ion Ratio Lower Upper
105 100
71 7.4 5.8 8.8
51 29.5 23.4 35.0
120 22.2 17.3 25.9





#23

Nitrobenzene-d5

Concen: 34.953 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

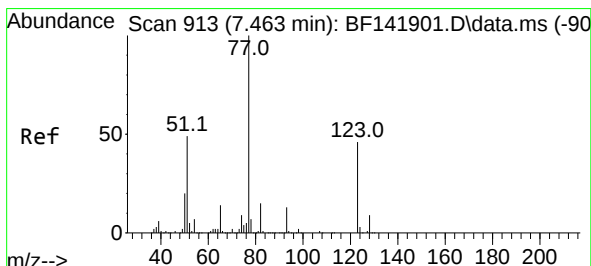
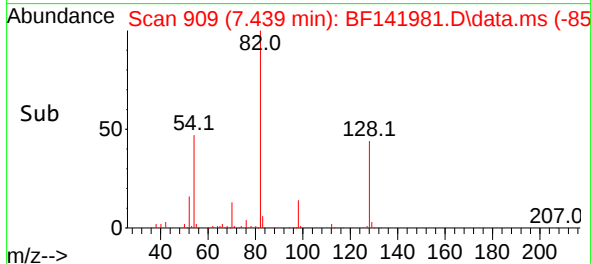
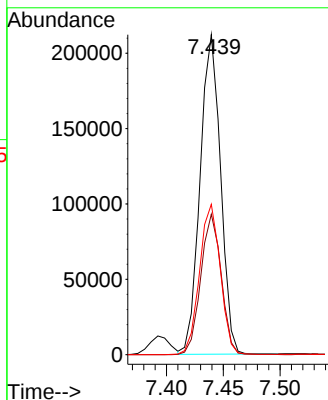
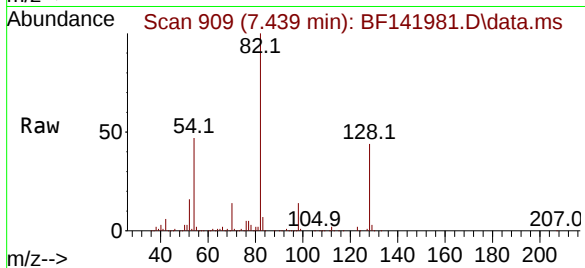
OK-02-03142025MSD

Tgt Ion: 82 Resp: 265875
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.0 54.0
 54 47.0 39.6 59.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#24

Nitrobenzene

Concen: 24.276 ng

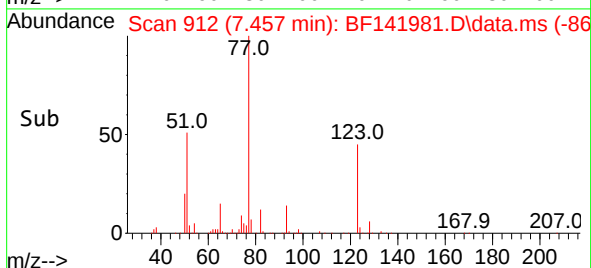
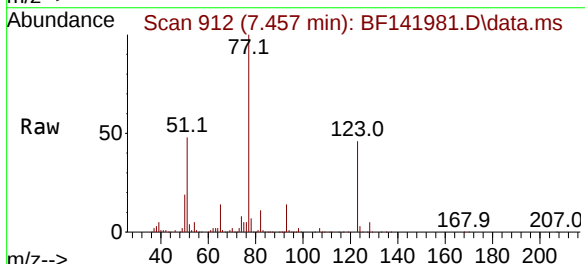
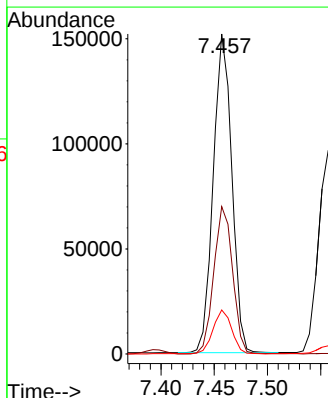
RT: 7.457 min Scan# 912

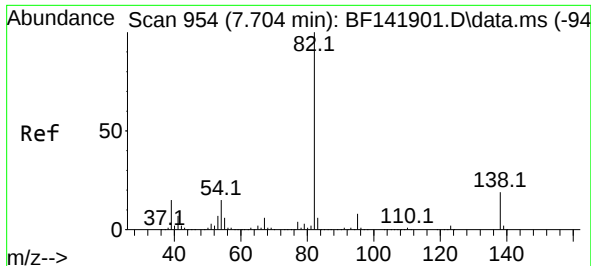
Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

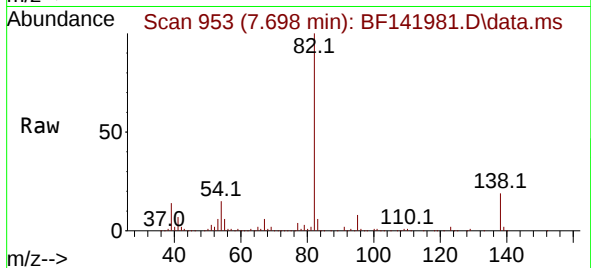
Tgt Ion: 77 Resp: 183578
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.0 55.4
 65 13.7 11.3 16.9





#25
Isophorone
Concen: 24.809 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

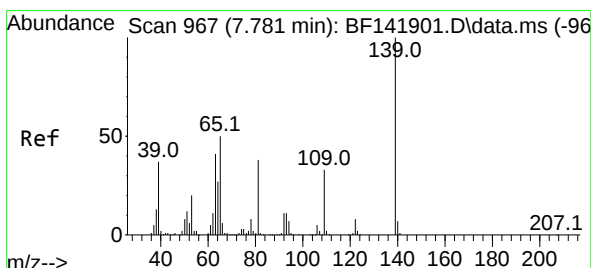
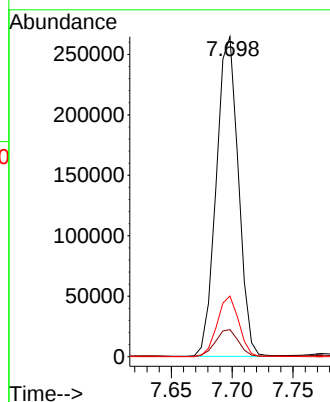
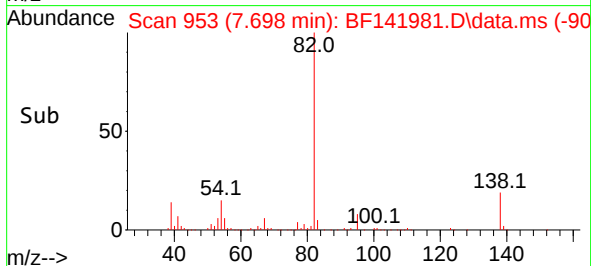
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



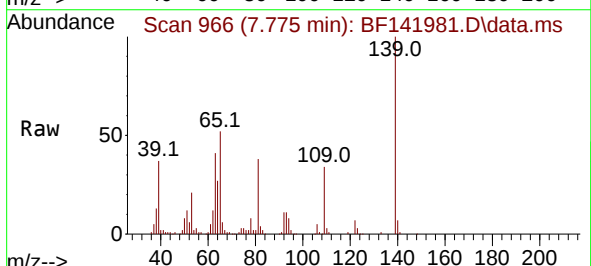
Tgt Ion: 82 Resp: 333584
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 18.9 14.9 22.3

Manual Integrations
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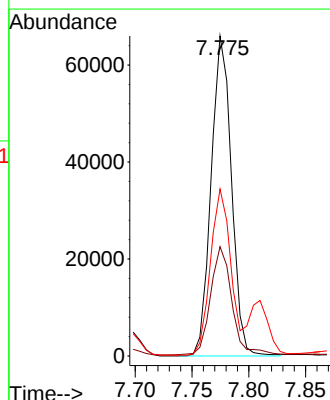
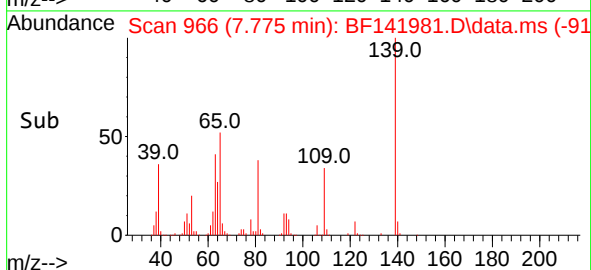
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

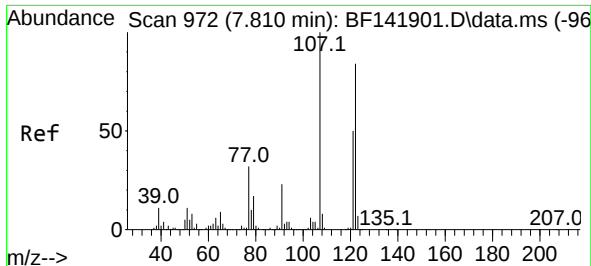


#26
2-Nitrophenol
Concen: 22.089 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



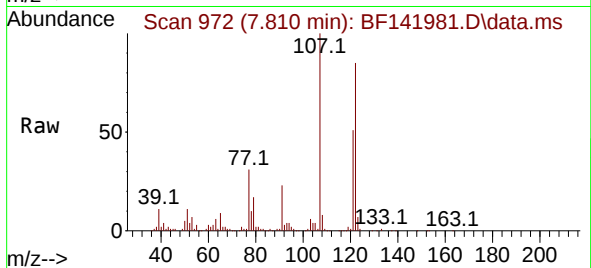
Tgt Ion:139 Resp: 81983
Ion Ratio Lower Upper
139 100
109 34.2 26.5 39.7
65 52.2 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 28.780 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

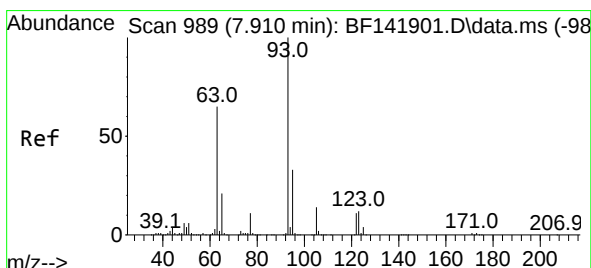
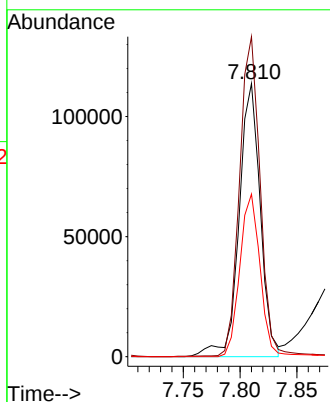
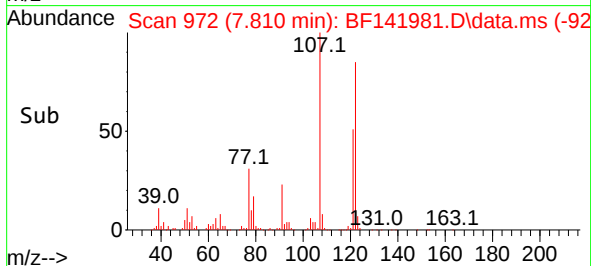
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



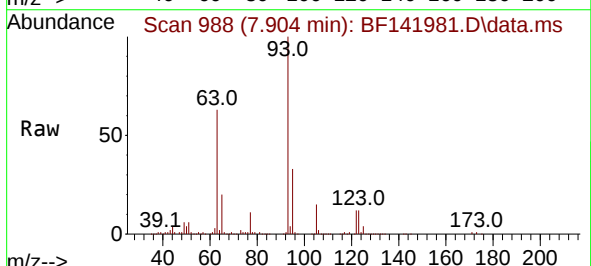
Tgt Ion:122 Resp: 147078
Ion Ratio Lower Upper
122 100
107 117.2 94.8 142.2
121 59.5 47.8 71.6

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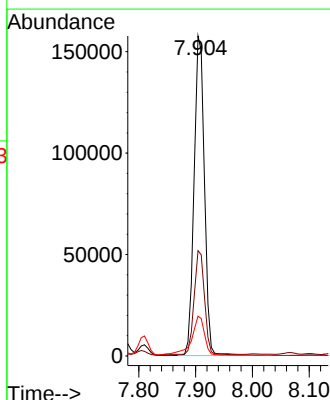
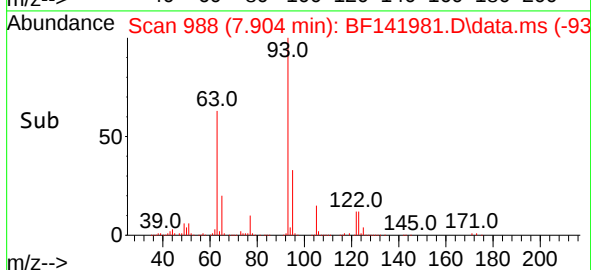
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

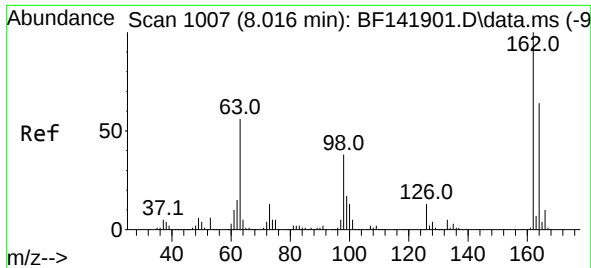


#28
bis(2-Chloroethoxy)methane
Concen: 23.801 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



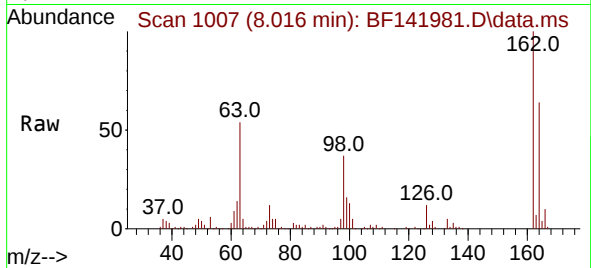
Tgt Ion: 93 Resp: 200722
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 12.4 10.2 15.4





#29
2,4-Dichlorophenol
Concen: 22.886 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

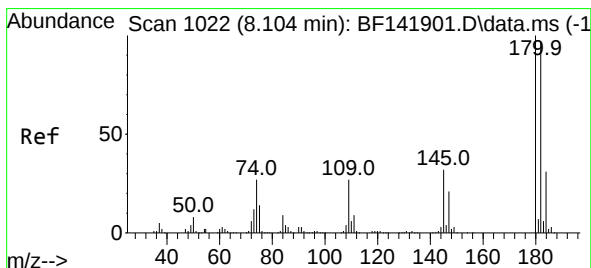
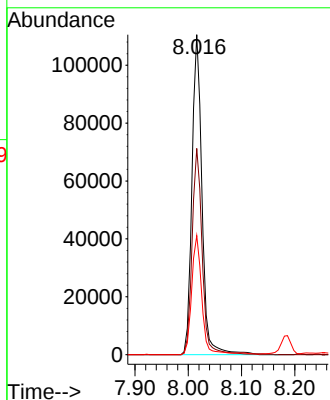
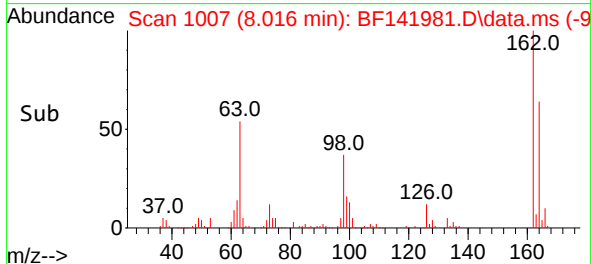
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:162 Resp: 145170
Ion Ratio Lower Upper
162 100
164 64.5 43.8 83.8
98 37.2 18.1 58.1

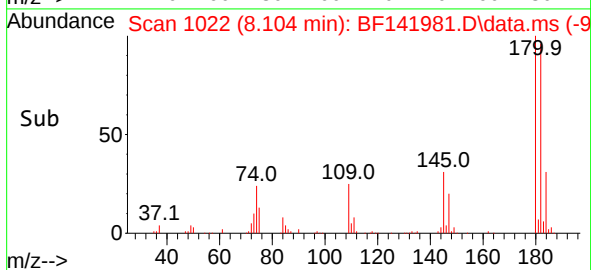
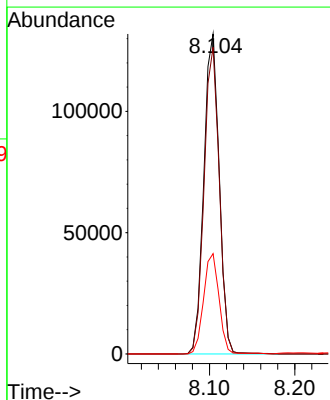
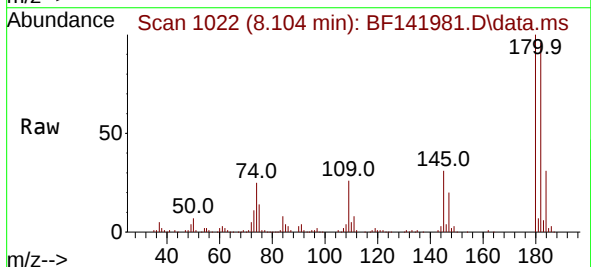
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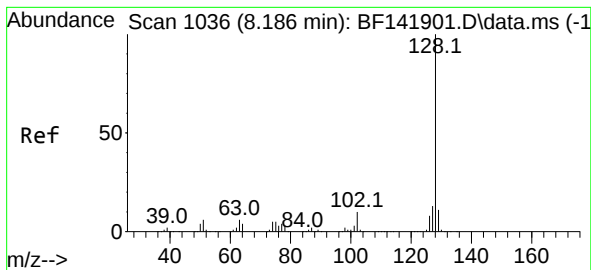
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#30
1,2,4-Trichlorobenzene
Concen: 23.607 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

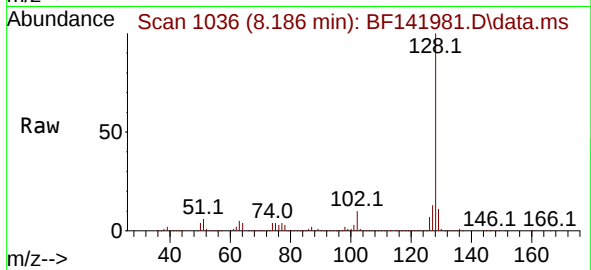
Tgt Ion:180 Resp: 165028
Ion Ratio Lower Upper
180 100
182 95.9 77.5 116.3
145 31.3 25.8 38.6





#31
Naphthalene
Concen: 23.852 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

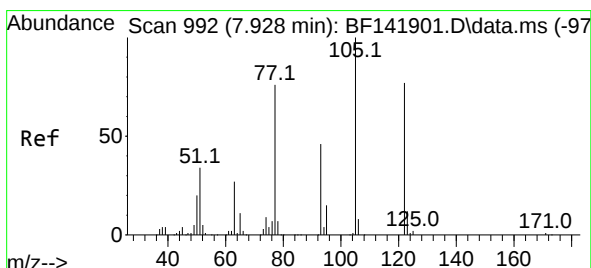
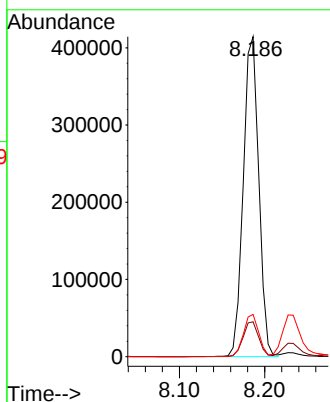
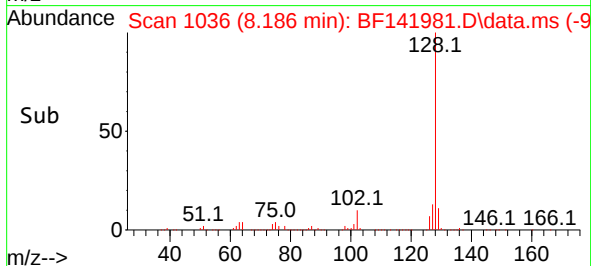
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:128 Resp: 52450
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.2 10.8 16.2

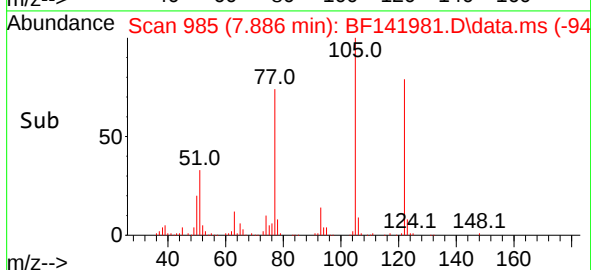
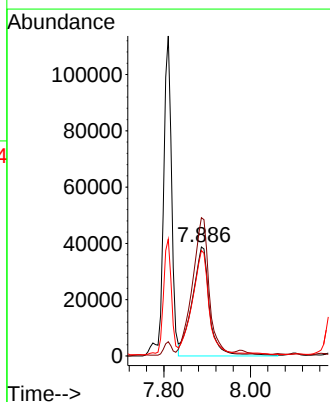
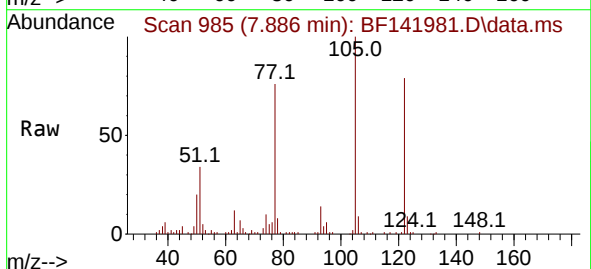
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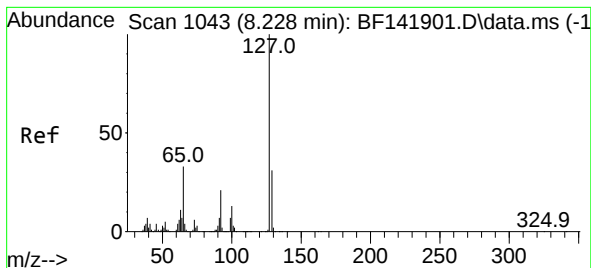
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#32
Benzoic acid
Concen: 24.097 ng m
RT: 7.886 min Scan# 985
Delta R.T. -0.042 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

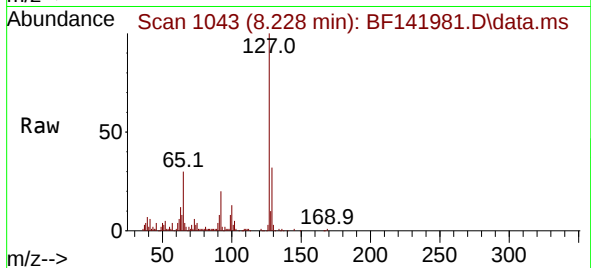
Tgt Ion:122 Resp: 108252
Ion Ratio Lower Upper
122 100
105 127.0 107.9 147.9
77 96.8 79.0 119.0





#33
4-Chloroaniline
Concen: 11.205 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

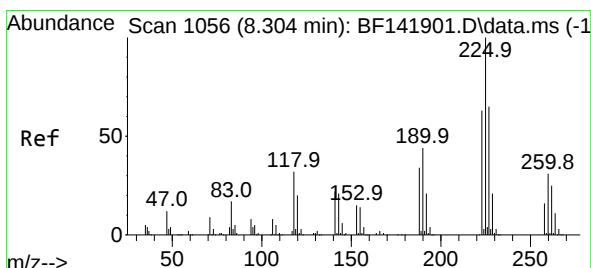
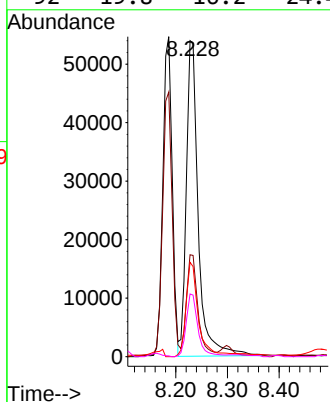
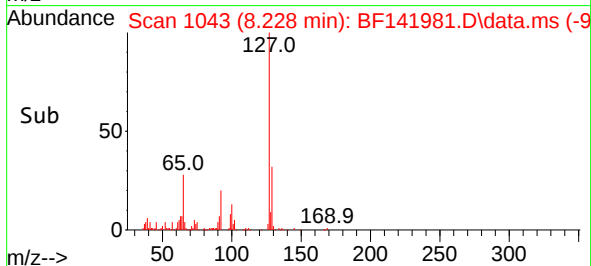
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:127 Resp: 86978
Ion Ratio Lower Upper
127 100
129 32.3 26.2 39.4
65 29.9 25.4 38.2
92 19.8 16.2 24.4

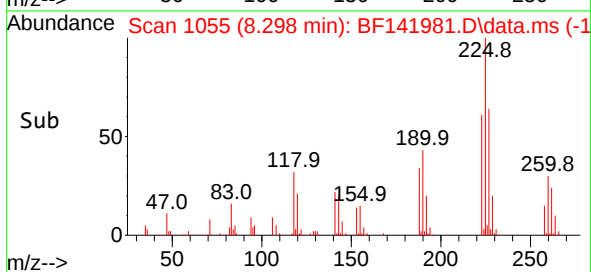
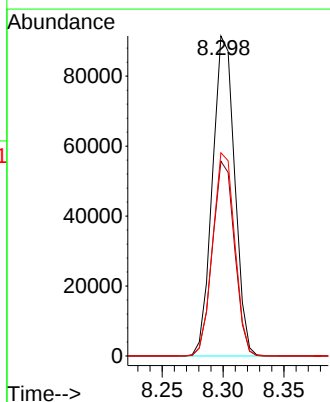
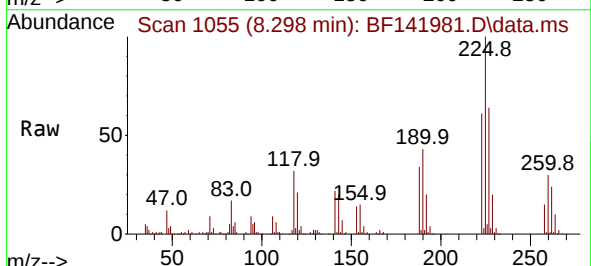
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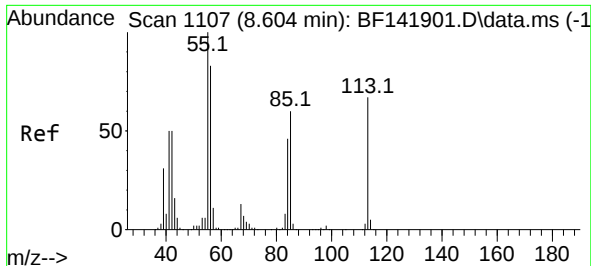
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#34
Hexachlorobutadiene
Concen: 25.465 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

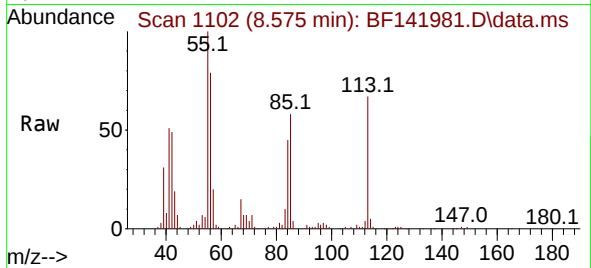
Tgt Ion:225 Resp: 116089
Ion Ratio Lower Upper
225 100
223 60.9 50.6 75.8
227 63.5 52.2 78.2





#35
 Caprolactam
 Concen: 24.448 ng
 RT: 8.575 min Scan# 1107
 Delta R.T. -0.029 min
 Lab File: BF141981.D
 Acq: 17 Mar 2025 15:00

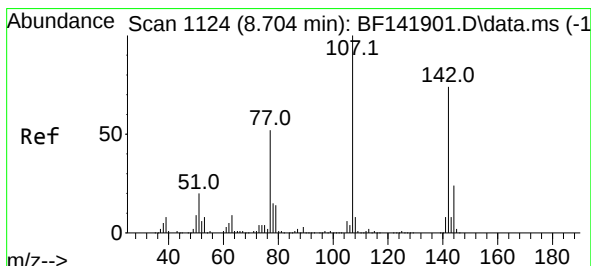
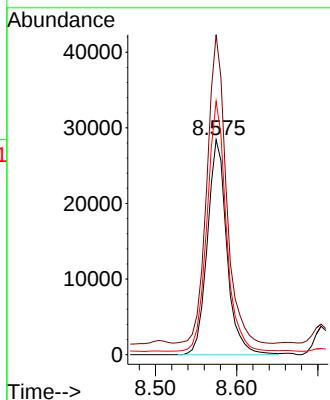
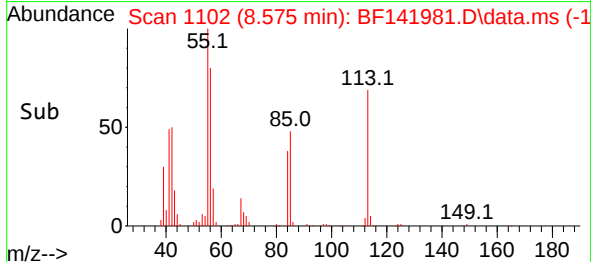
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MSD



Tgt Ion:113 Resp: 4728
 Ion Ratio Lower Upper
 113 100
 55 148.8 129.6 169.6
 56 117.9 104.0 144.0

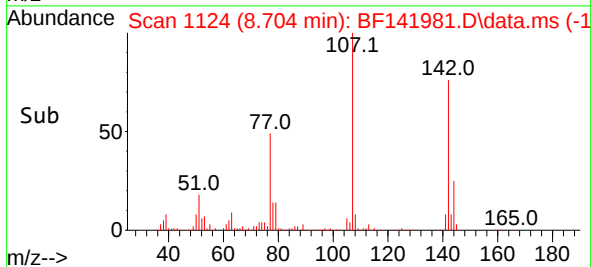
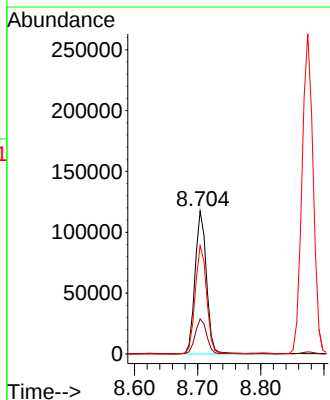
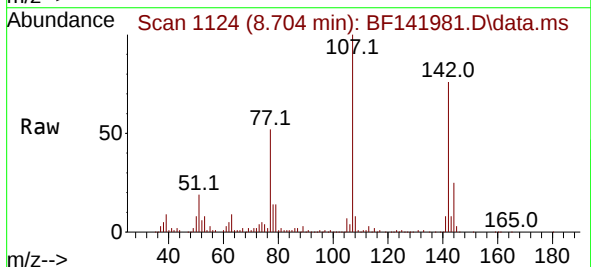
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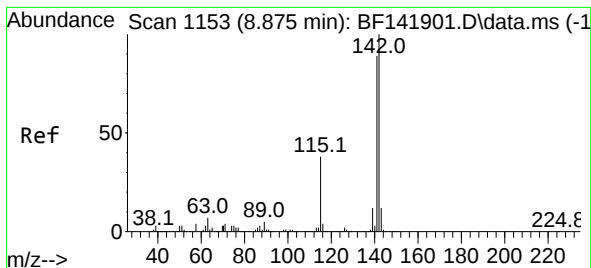
Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#36
 4-Chloro-3-methylphenol
 Concen: 21.000 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF141981.D
 Acq: 17 Mar 2025 15:00

Tgt Ion:107 Resp: 148595
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.0 28.6
 142 75.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 21.859 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:142 Resp: 32129

Ion Ratio Lower Upper

142 100

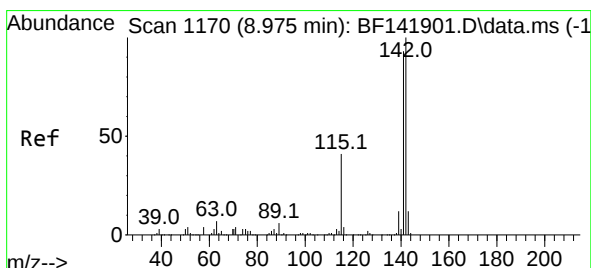
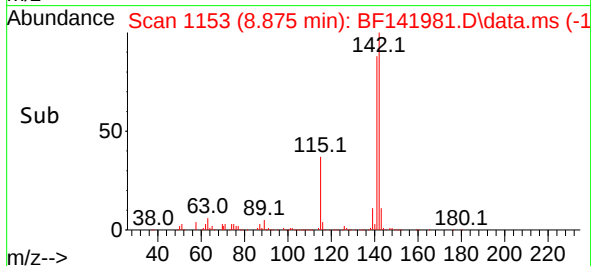
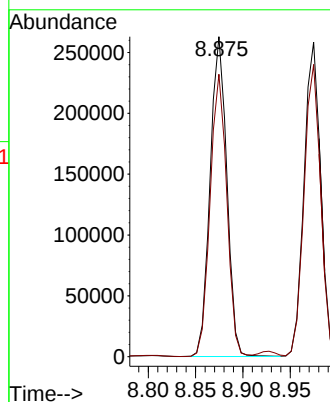
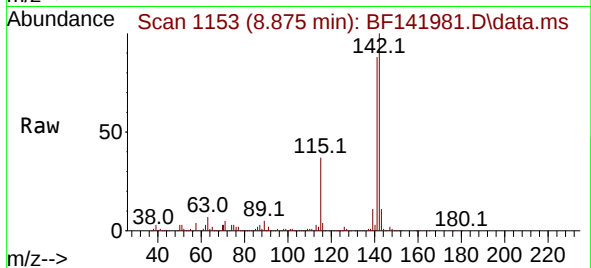
141 88.3 71.2 106.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#38

1-Methylnaphthalene

Concen: 22.203 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141981.D

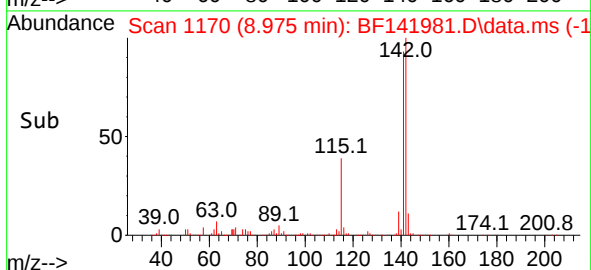
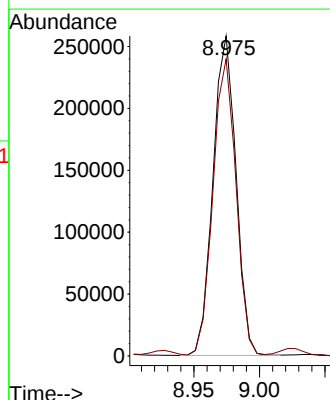
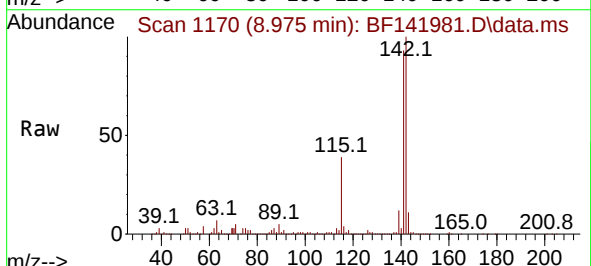
Acq: 17 Mar 2025 15:00

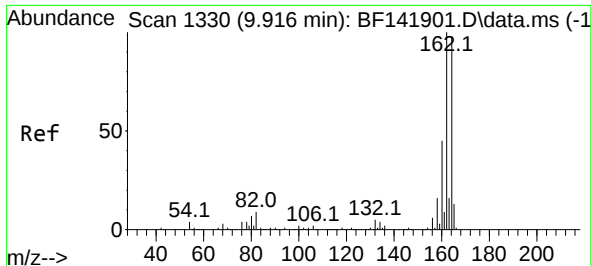
Tgt Ion:142 Resp: 314911

Ion Ratio Lower Upper

142 100

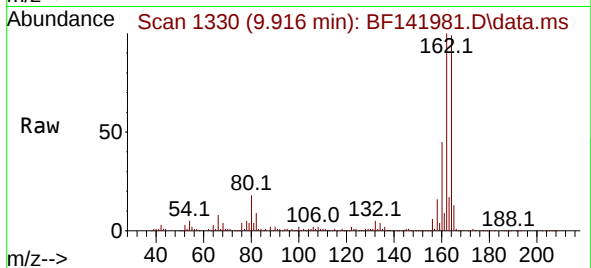
141 92.9 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

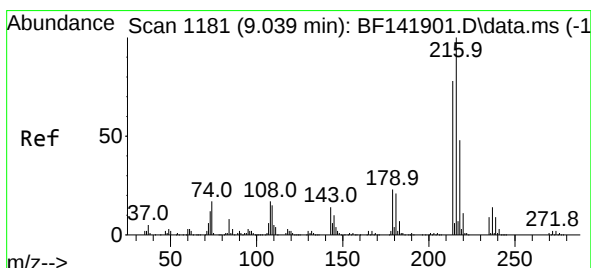
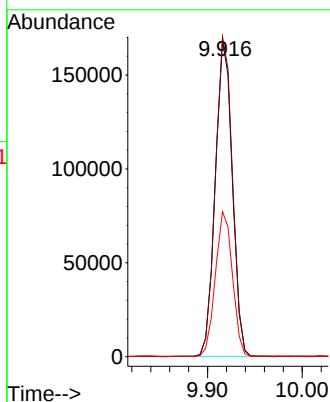
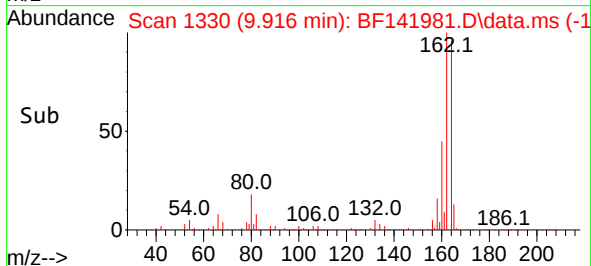
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:164 Resp: 21022
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 45.8 36.7 55.1

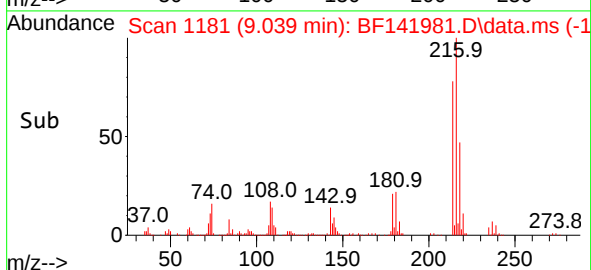
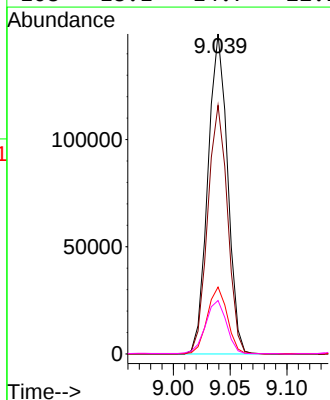
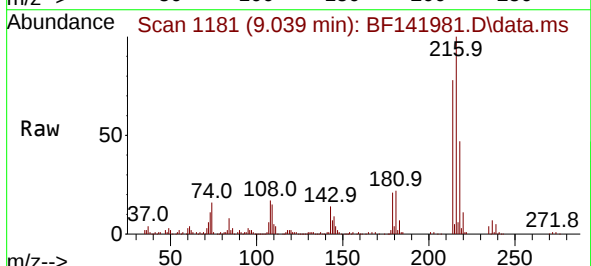
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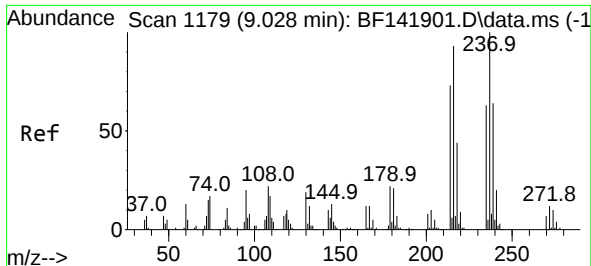
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 28.154 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

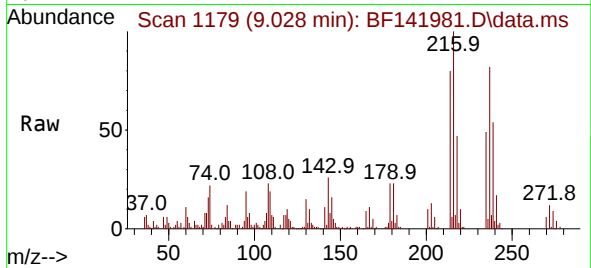
Tgt Ion:216 Resp: 180198
Ion Ratio Lower Upper
216 100
214 78.0 61.9 92.9
179 21.3 18.1 27.1
108 18.1 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 21.911 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

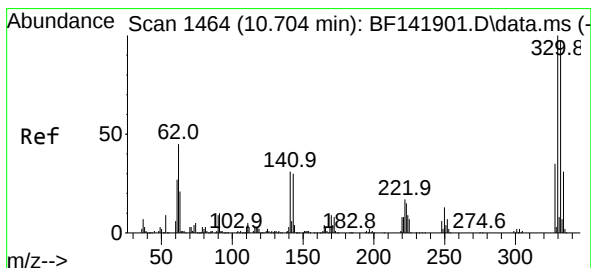
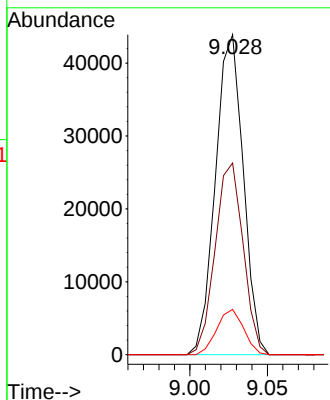
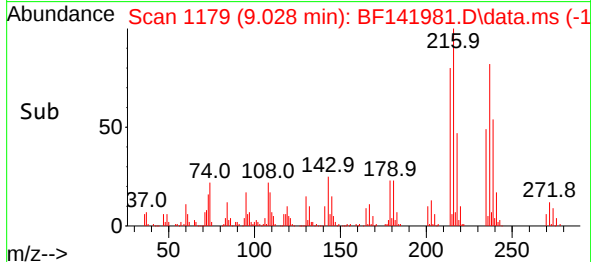
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



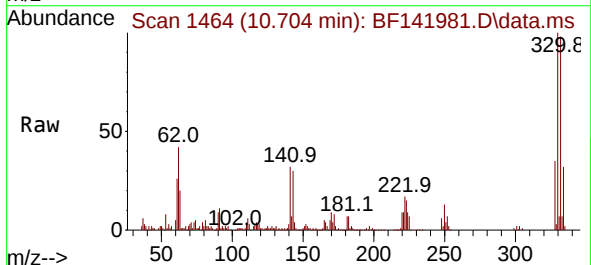
Tgt Ion:237 Resp: 5488
Ion Ratio Lower Upper
237 100
235 59.9 43.1 83.1
272 14.2 0.0 32.0

Manual Integrations
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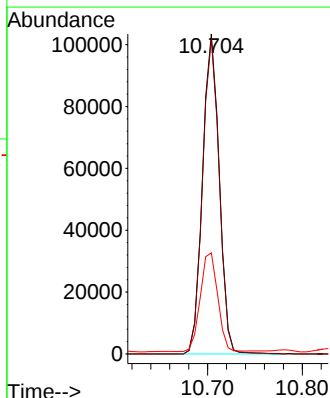
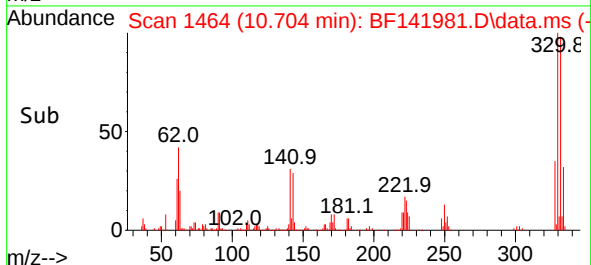
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

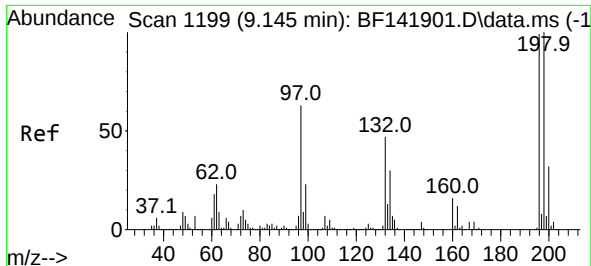


#42
2,4,6-Tribromophenol
Concen: 47.593 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



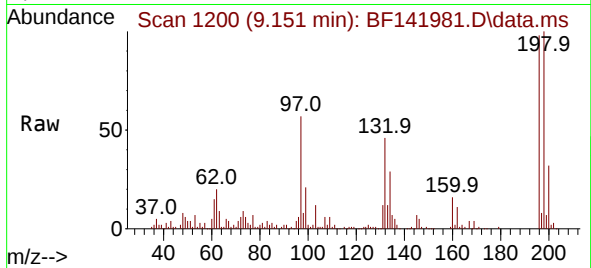
Tgt Ion:330 Resp: 126929
Ion Ratio Lower Upper
330 100
332 98.1 77.6 116.4
141 32.1 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 23.766 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

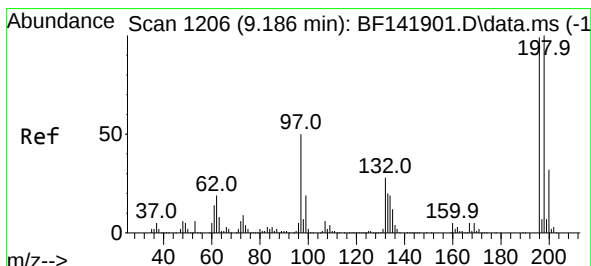
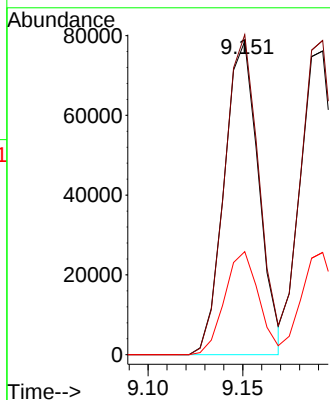
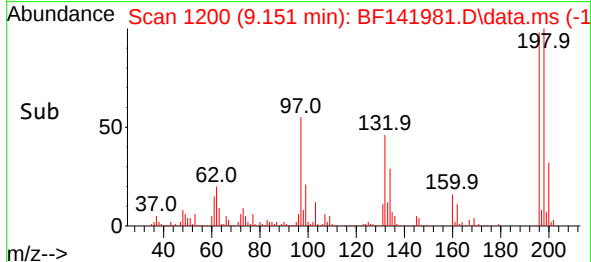
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



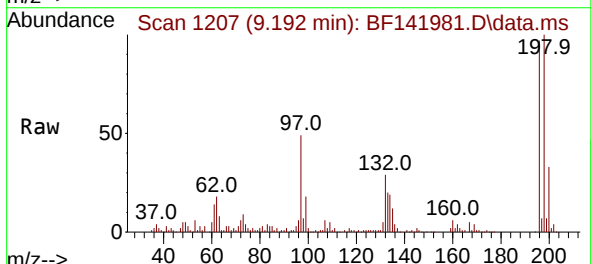
Tgt Ion:196 Resp: 9941
Ion Ratio Lower Upper
196 100
198 102.1 80.6 121.0
200 32.9 25.8 38.6

Manual Integrations
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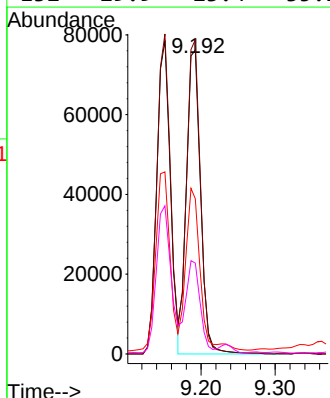
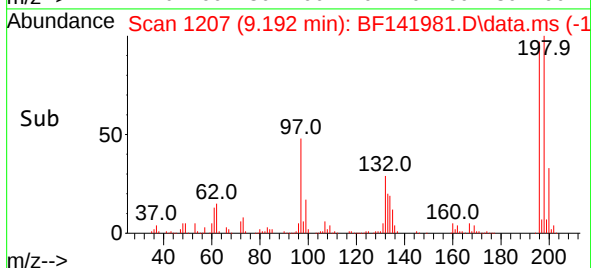
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

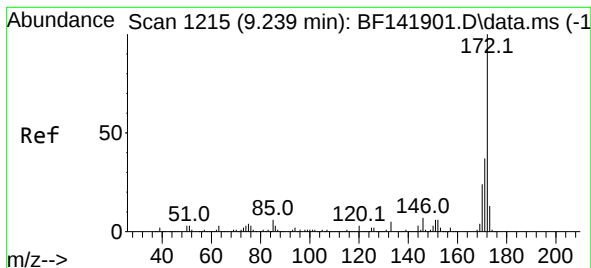


#44
2,4,5-Trichlorophenol
Concen: 24.039 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



Tgt Ion:196 Resp: 101841
Ion Ratio Lower Upper
196 100
198 103.5 80.7 121.1
97 51.1 42.1 63.1
132 29.9 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 37.321 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

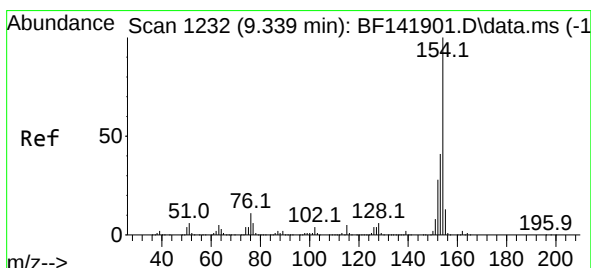
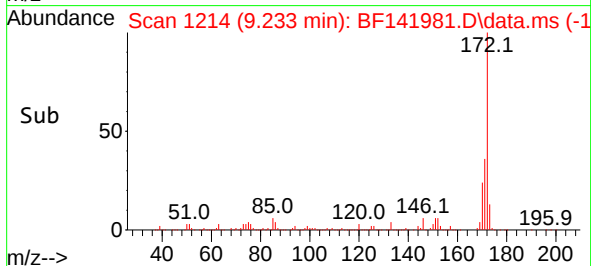
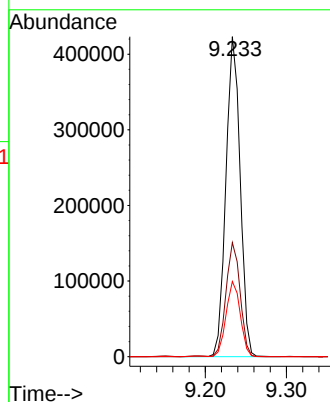
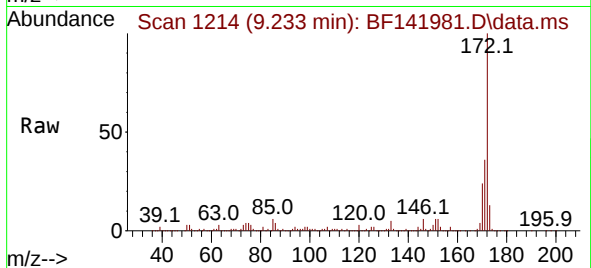
OK-02-03142025MSD

Tgt Ion:172 Resp: 515884
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.3 43.9
 170 23.5 19.4 29.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#46

1,1'-Biphenyl

Concen: 28.215 ng

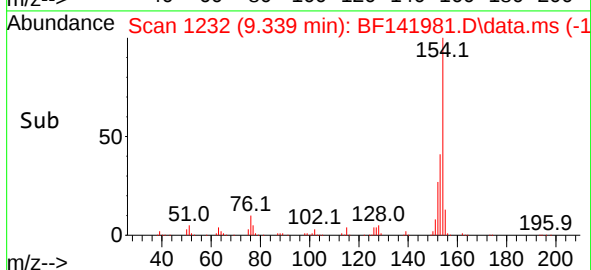
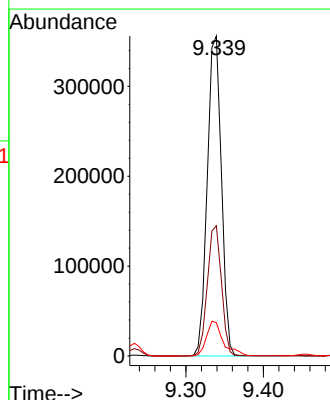
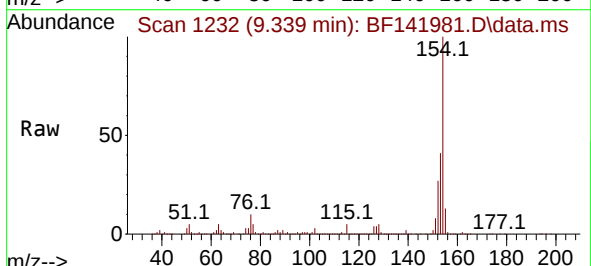
RT: 9.339 min Scan# 1232

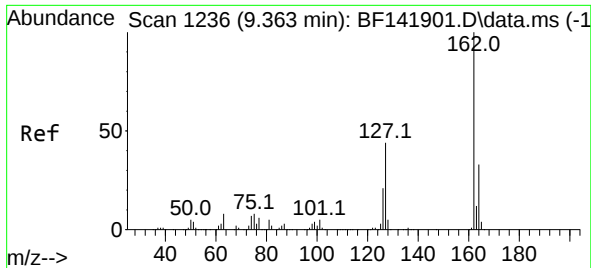
Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Tgt Ion:154 Resp: 450681
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.1 61.1
 76 10.4 0.0 31.3





#47

2-Chloronaphthalene

Concen: 24.635 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

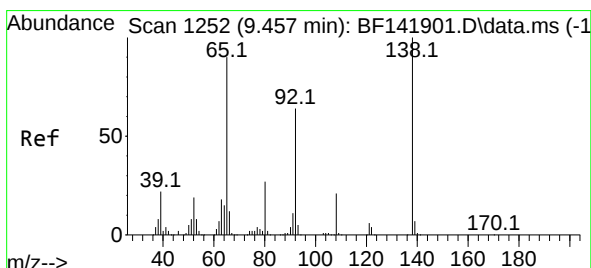
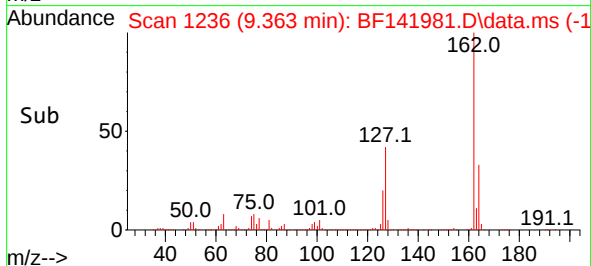
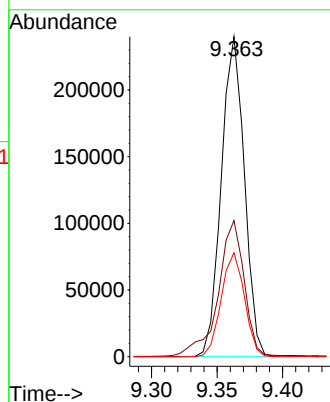
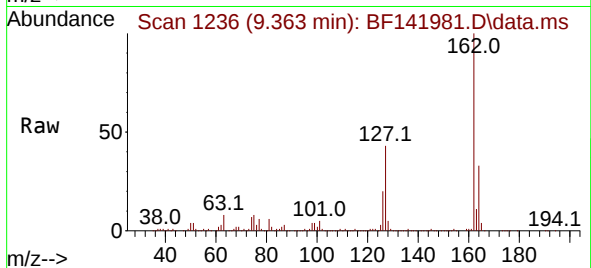
Tgt Ion:162 Resp: 293294

Ion	Ratio	Lower	Upper
162	100		
127	42.6	35.5	53.3
164	32.5	26.6	40.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#48

2-Nitroaniline

Concen: 25.269 ng

RT: 9.457 min Scan# 1252

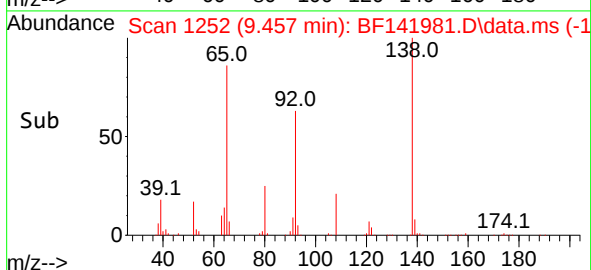
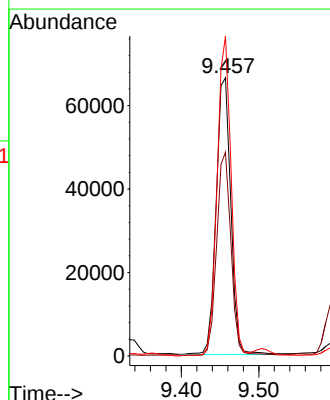
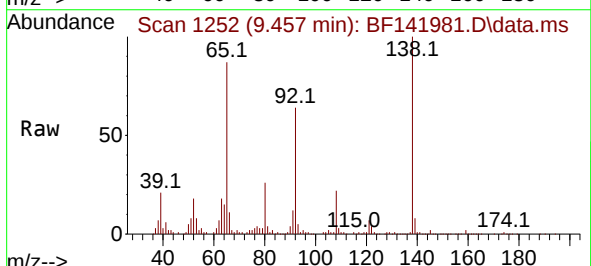
Delta R.T. 0.000 min

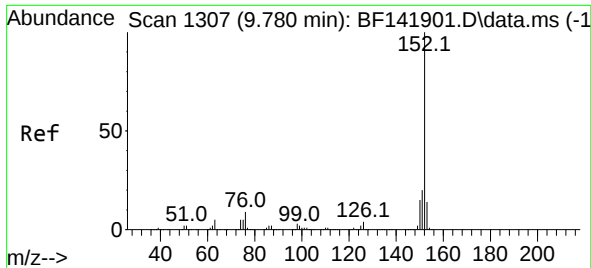
Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Tgt Ion: 65 Resp: 87104

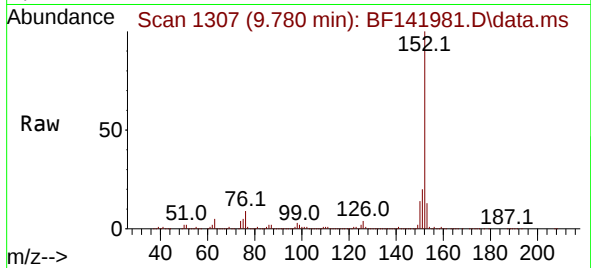
Ion	Ratio	Lower	Upper
65	100		
92	73.3	56.6	84.8
138	115.0	88.6	133.0





#49
Acenaphthylene
Concen: 27.718 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

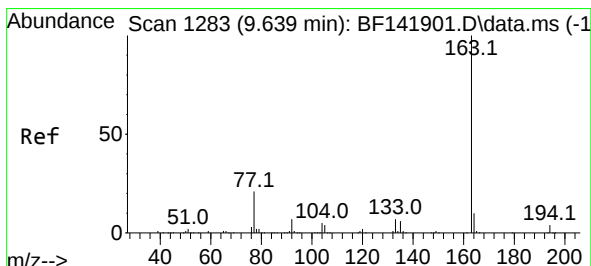
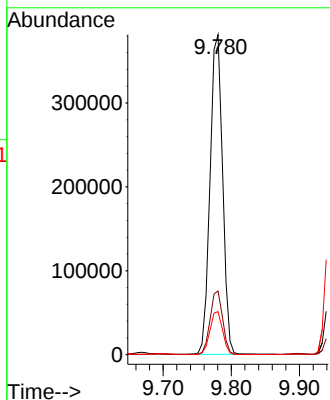
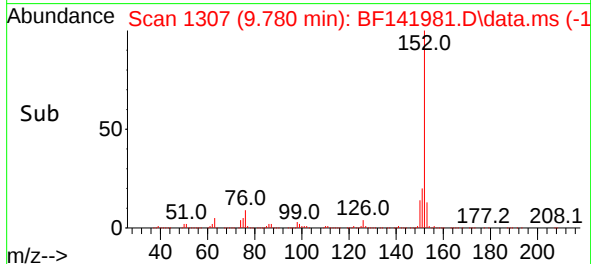
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



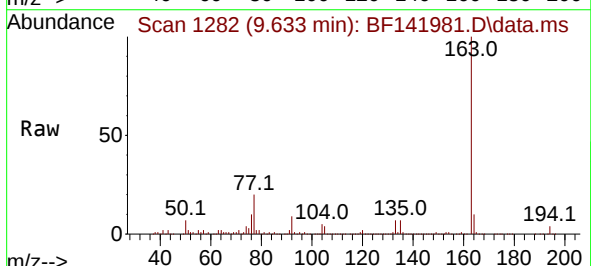
Tgt Ion:152 Resp: 489709
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.4 11.1 16.7

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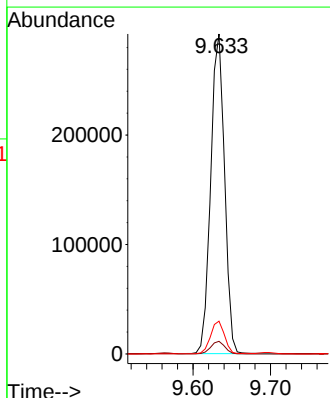
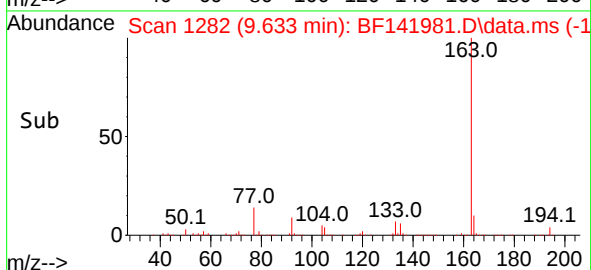
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

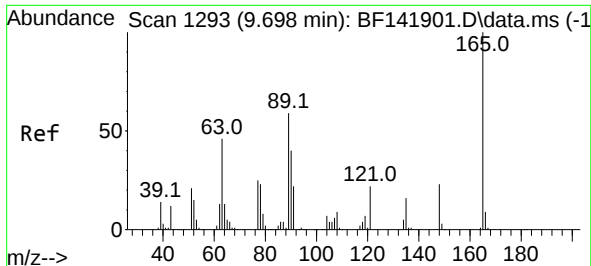


#50
Dimethylphthalate
Concen: 24.573 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



Tgt Ion:163 Resp: 361750
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.4





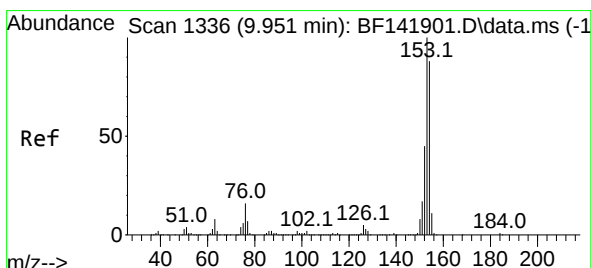
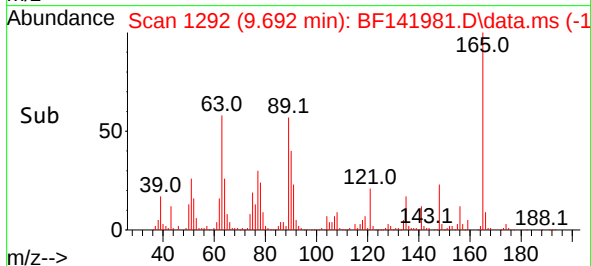
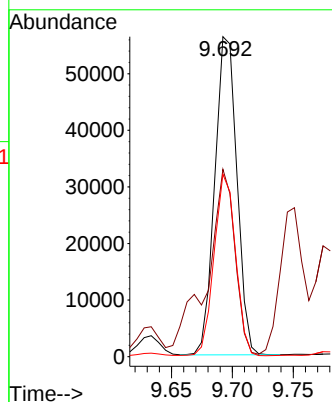
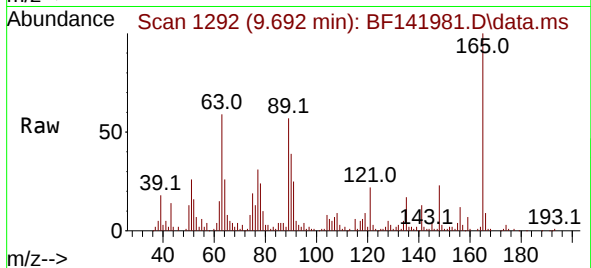
#51
2,6-Dinitrotoluene
Concen: 23.259 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Tgt Ion:165 Resp: 71293
Ion Ratio Lower Upper
165 100
63 58.6 47.0 70.4
89 57.0 47.4 71.2

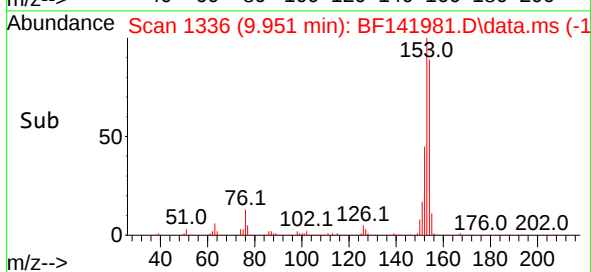
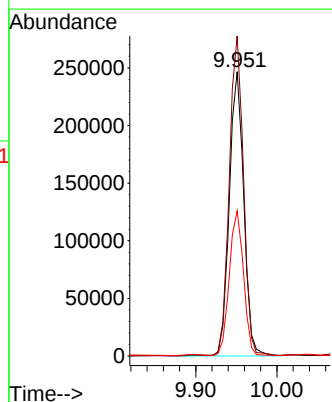
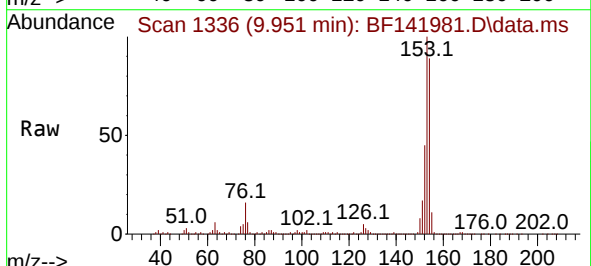
Manual Integrations
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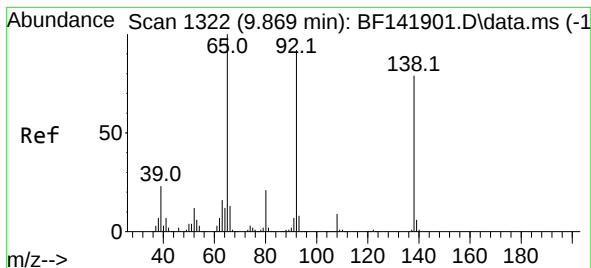
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#52
Acenaphthene
Concen: 24.608 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

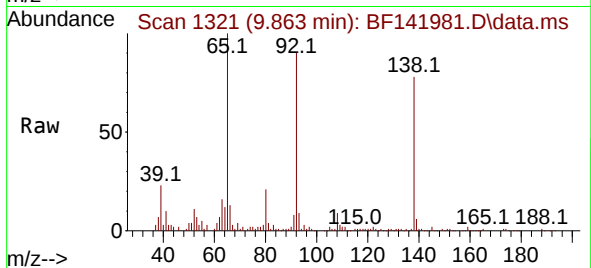
Tgt Ion:154 Resp: 305530
Ion Ratio Lower Upper
154 100
153 112.5 90.7 136.1
152 51.0 41.1 61.7





#53
3-Nitroaniline
Concen: 21.323 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

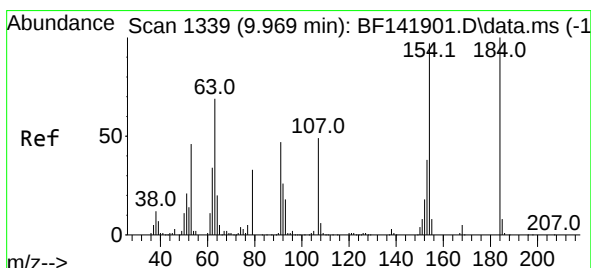
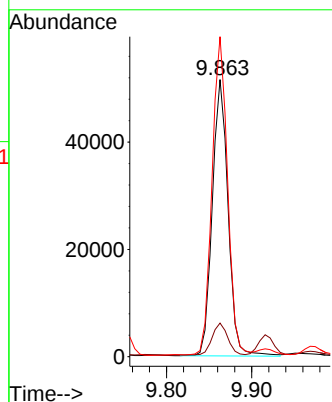
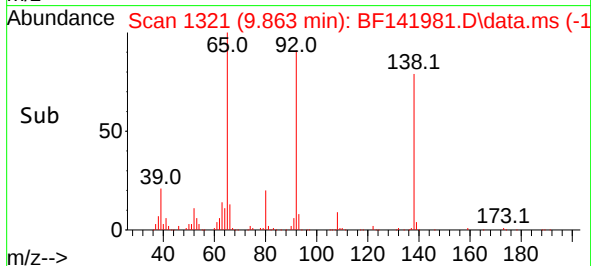
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:138 Resp: 66290
Ion Ratio Lower Upper
138 100
108 12.1 9.3 13.9
92 115.5 93.5 140.3

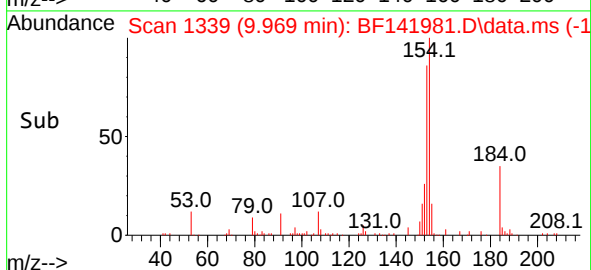
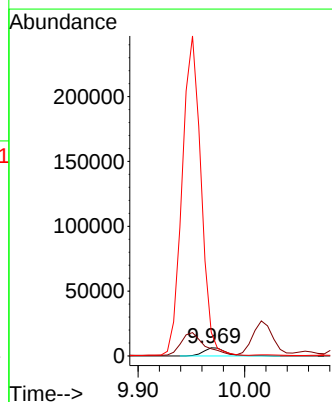
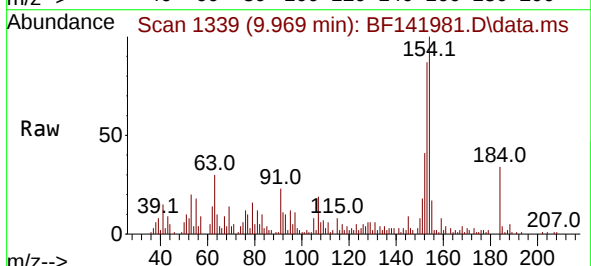
Manual Integrations
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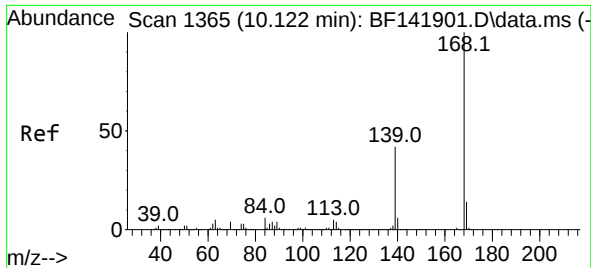
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#54
2,4-Dinitrophenol
Concen: 11.380 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

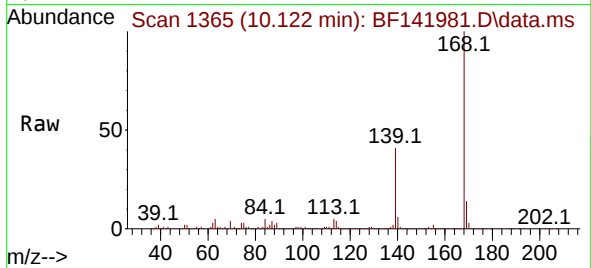
Tgt Ion:184 Resp: 9121
Ion Ratio Lower Upper
184 100
63 87.8 60.2 90.4
154 290.3 132.9 199.3#





#55
Dibenzenofuran
Concen: 24.179 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

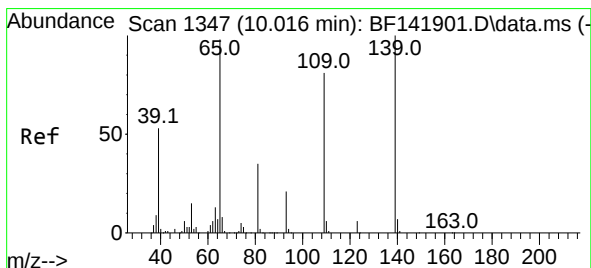
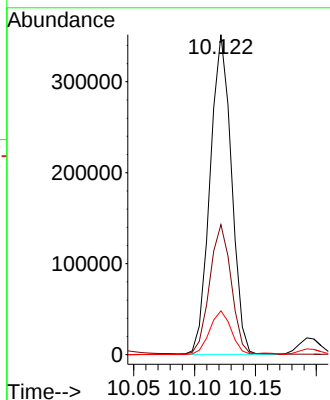
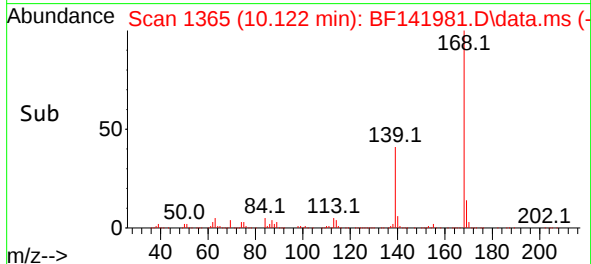
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:168 Resp: 42894
Ion Ratio Lower Upper
168 100
139 40.6 33.9 50.9
169 13.7 11.0 16.4

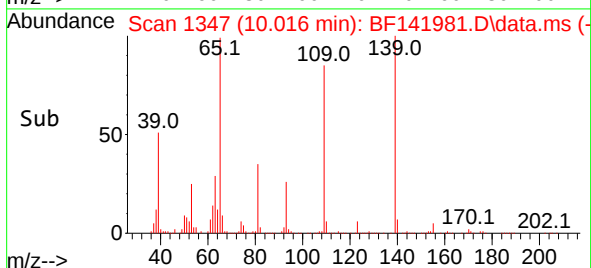
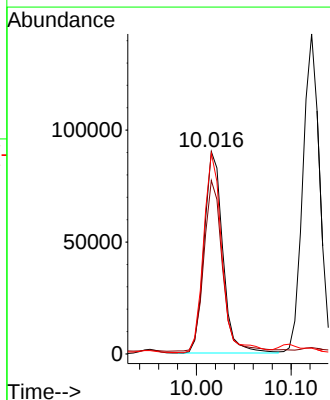
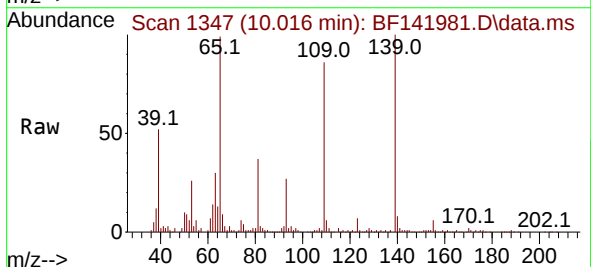
Manual Integrations
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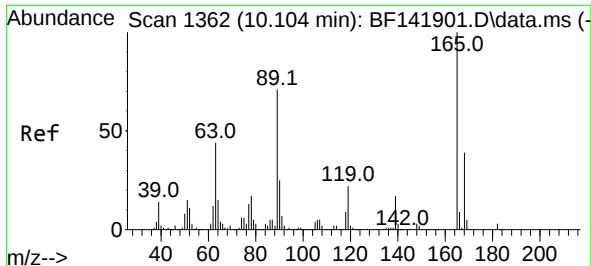
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#56
4-Nitrophenol
Concen: 52.427 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

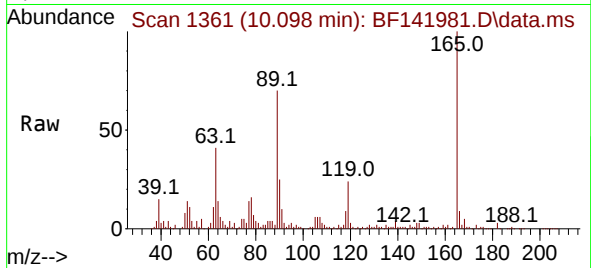
Tgt Ion:139 Resp: 122925
Ion Ratio Lower Upper
139 100
109 85.7 61.6 101.6
65 99.2 79.4 119.4





#57
2,4-Dinitrotoluene
Concen: 23.443 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

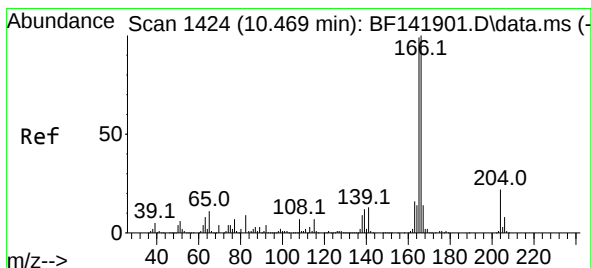
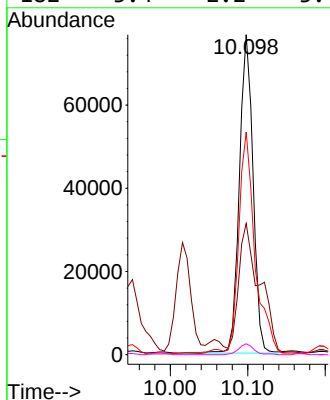
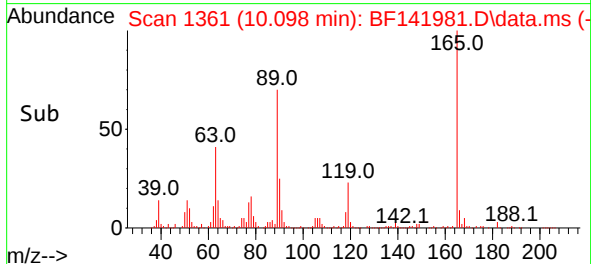
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:165 Resp: 93849
Ion Ratio Lower Upper
165 100
63 41.0 35.4 53.2
89 69.6 56.6 84.8
182 3.4 2.2 3.4#

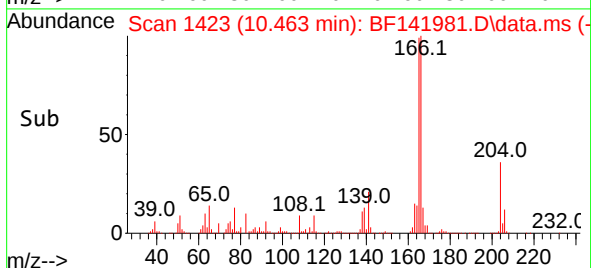
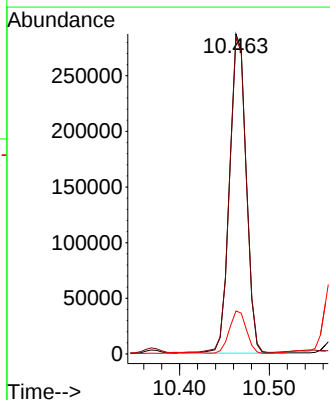
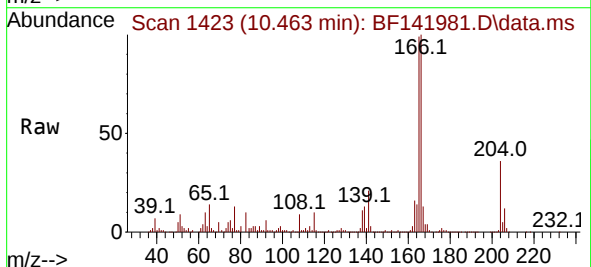
Manual Integrations
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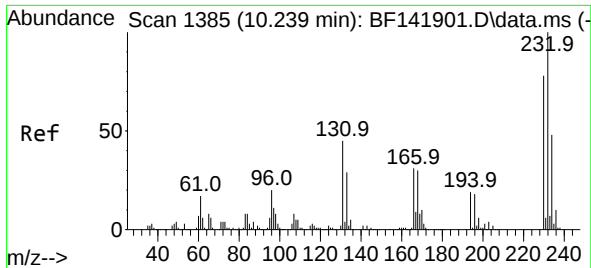
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#58
Fluorene
Concen: 26.900 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:166 Resp: 368013
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.4
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 22.799 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

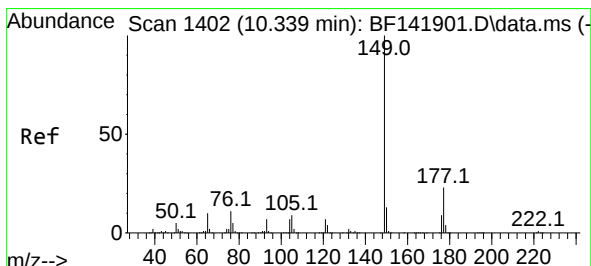
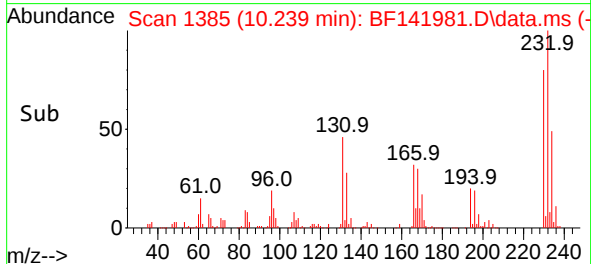
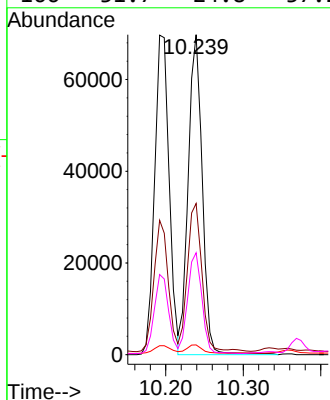
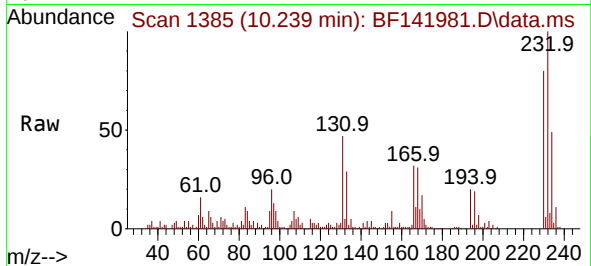
OK-02-03142025MSD

Tgt Ion:232 Resp: 8789
Ion Ratio Lower Upper
232 100
131 46.0 37.3 55.9
130 2.8 1.9 2.9
166 31.7 24.8 37.2

Manual Integrations

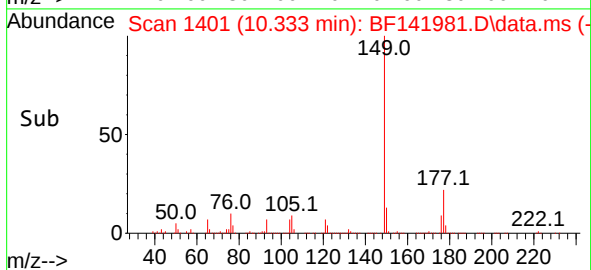
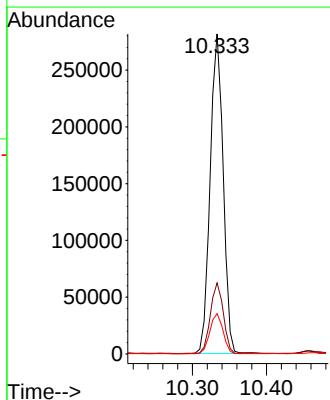
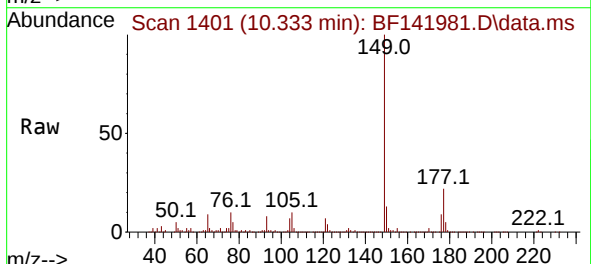
APPROVED

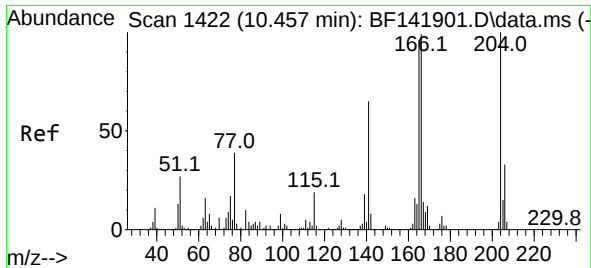
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#60
Diethylphthalate
Concen: 23.340 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

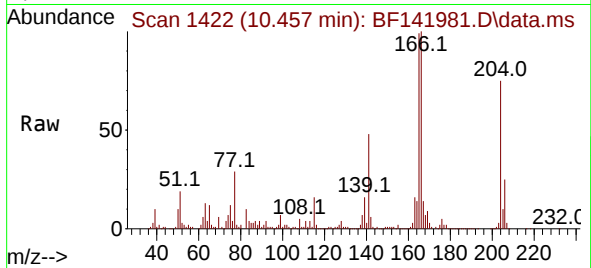
Tgt Ion:149 Resp: 342607
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 23.200 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

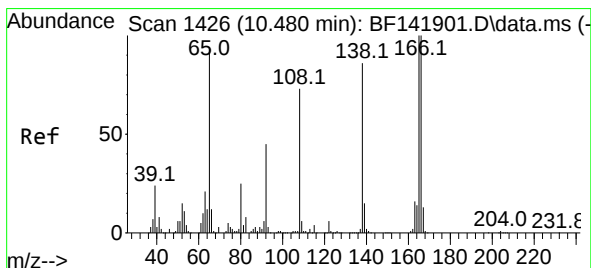
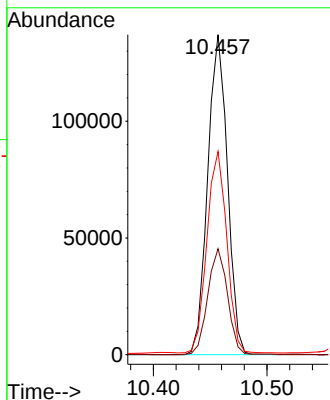
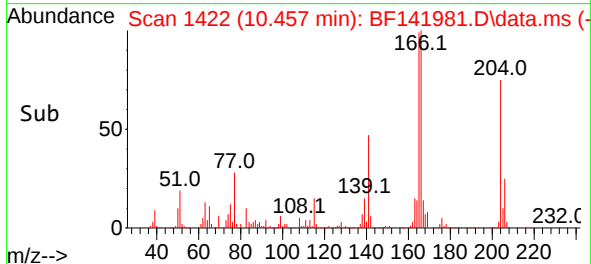
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:204 Resp: 165480
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 63.5 52.4 78.6

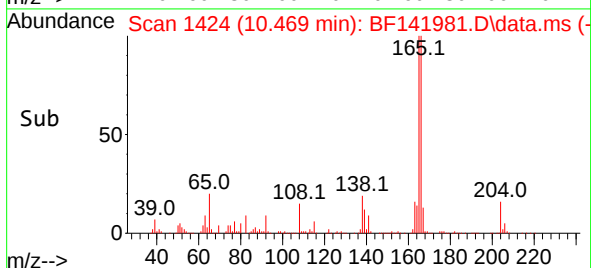
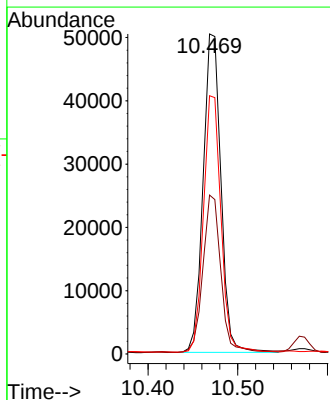
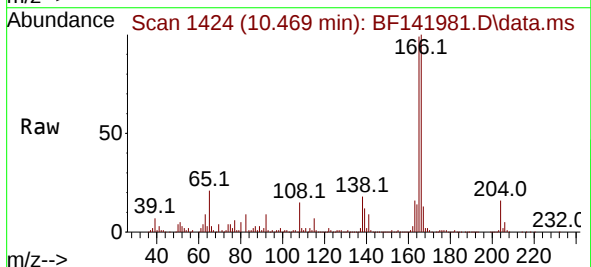
Manual Integrations
APPROVED

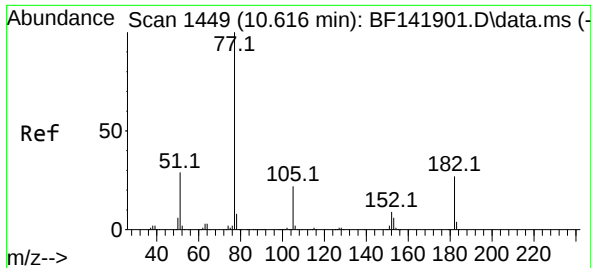
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#62
4-Nitroaniline
Concen: 22.965 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

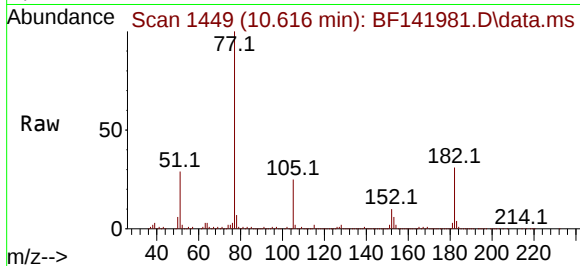
Tgt Ion:138 Resp: 69514
Ion Ratio Lower Upper
138 100
92 49.6 32.6 72.6
108 80.7 65.0 105.0





#63
Azobenzene
Concen: 23.530 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

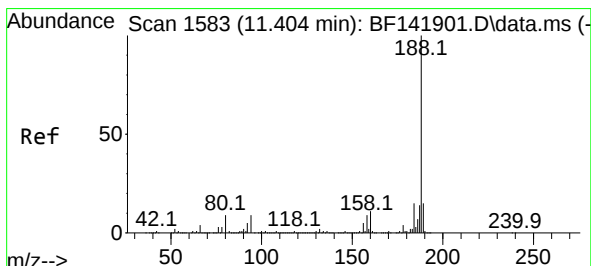
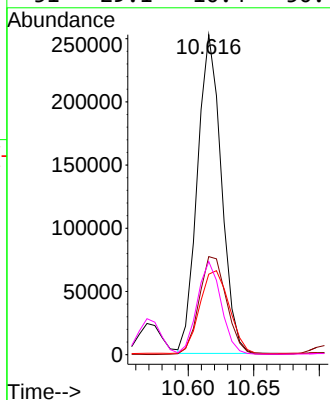
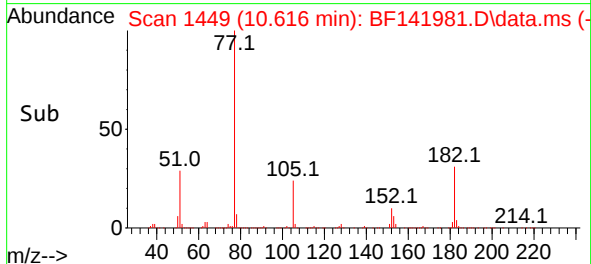
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



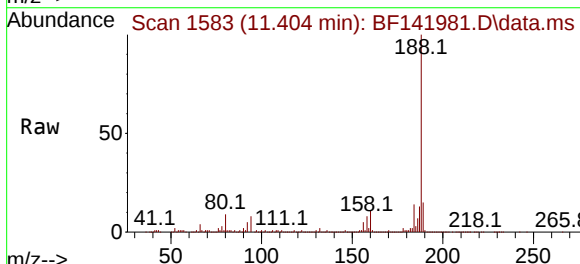
Tgt Ion: 77 Resp: 32111
Ion Ratio Lower Upper
77 100
182 30.7 6.6 46.6
105 25.2 1.3 41.3
51 29.1 10.4 50.4

Manual Integrations
APPROVED

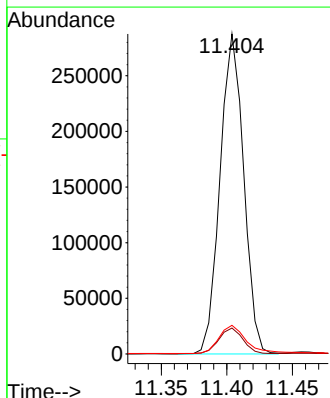
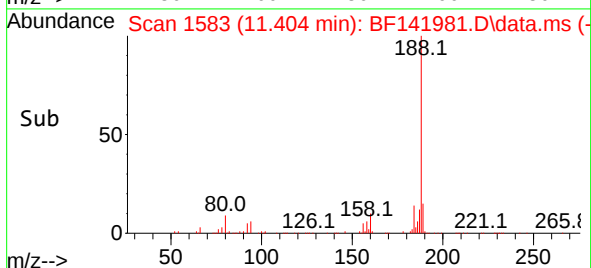
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

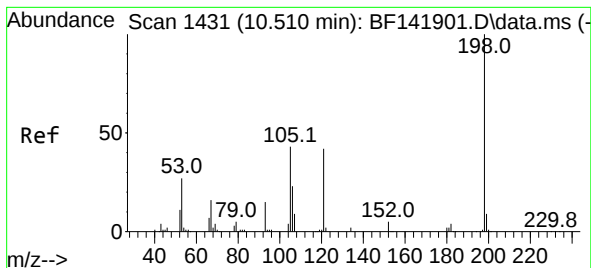


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



Tgt Ion:188 Resp: 360568
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.9 7.6 11.4





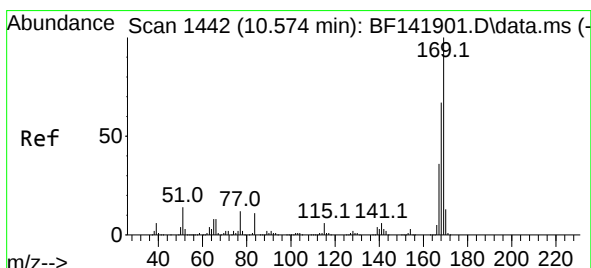
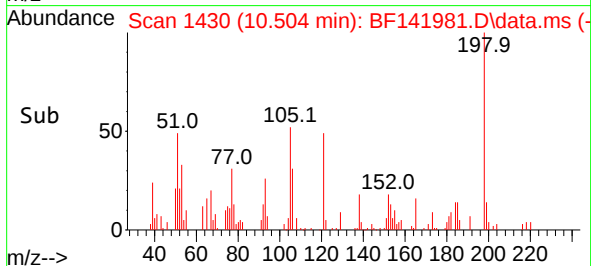
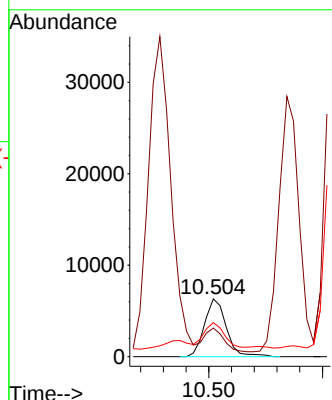
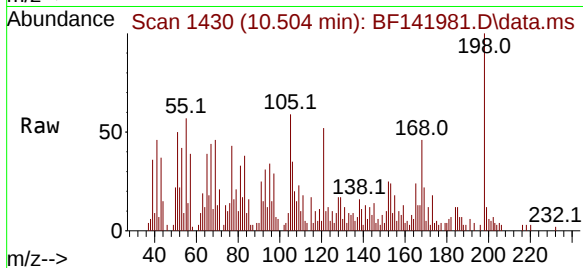
#65
4,6-Dinitro-2-methylphenol
Concen: 3.900 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Tgt Ion:198 Resp: 8384
Ion Ratio Lower Upper
198 100
51 49.7 22.3 62.3
105 59.0 23.0 63.0

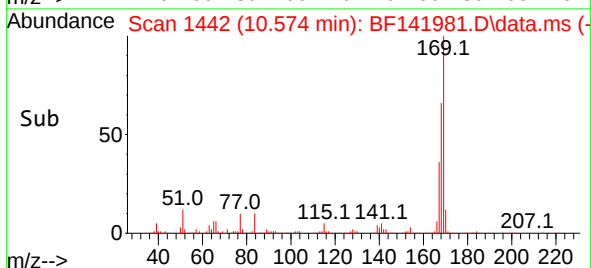
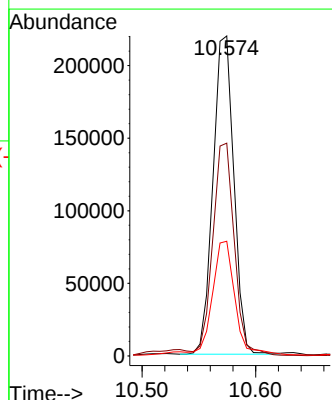
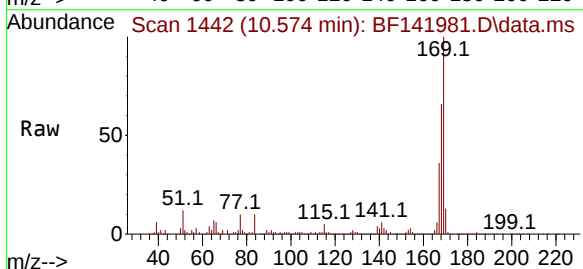
Manual Integrations
APPROVED

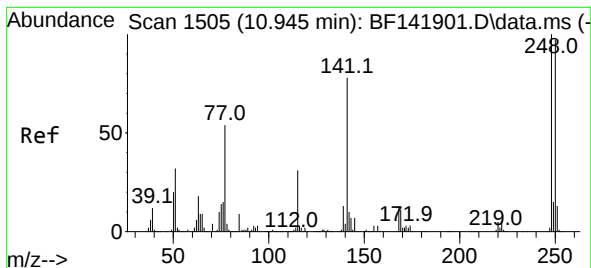
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#66
n-Nitrosodiphenylamine
Concen: 24.000 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

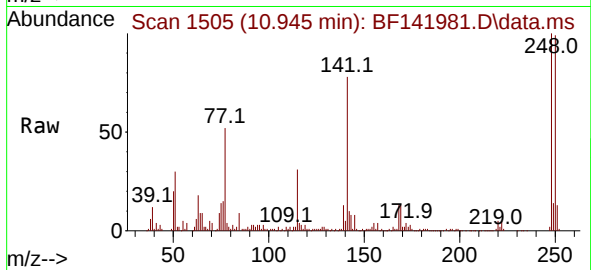
Tgt Ion:169 Resp: 280032
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 35.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 22.520 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

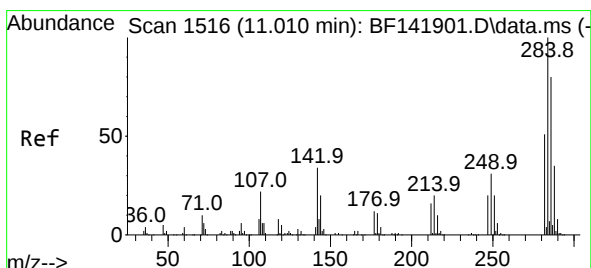
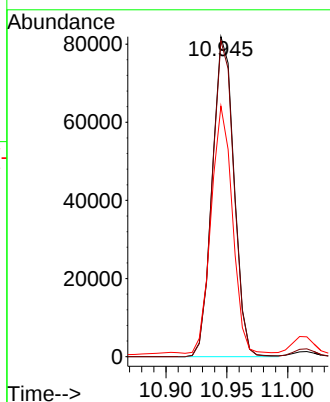
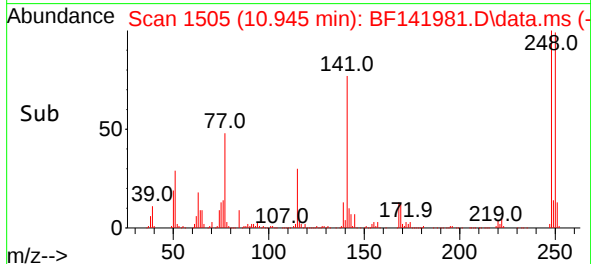
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



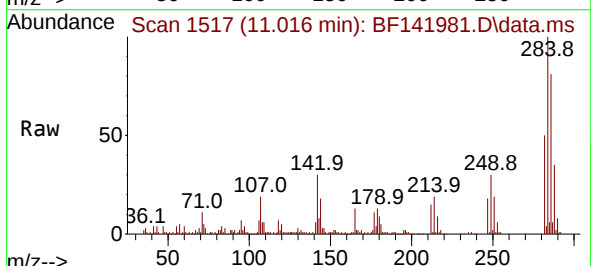
Tgt Ion:248 Resp: 101979
Ion Ratio Lower Upper
248 100
250 98.7 77.8 116.8
141 78.3 62.6 93.8

Manual Integrations
APPROVED

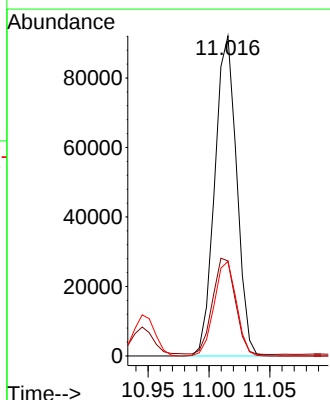
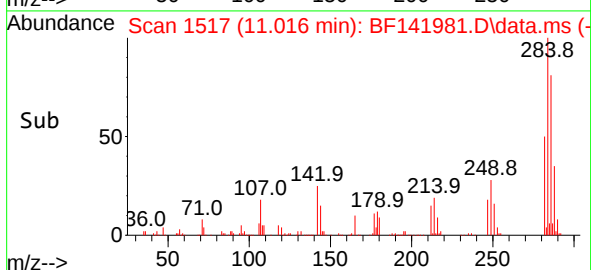
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

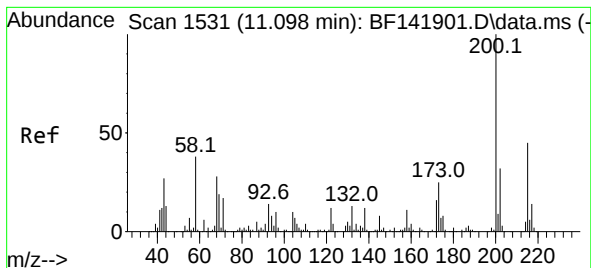


#68
Hexachlorobenzene
Concen: 23.230 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



Tgt Ion:284 Resp: 115374
Ion Ratio Lower Upper
284 100
142 29.7 27.0 40.6
249 29.6 25.2 37.8





#69

Atrazine

Concen: 31.338 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

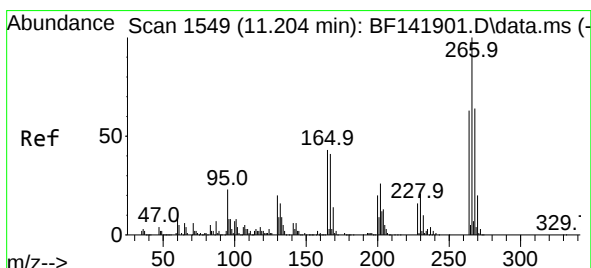
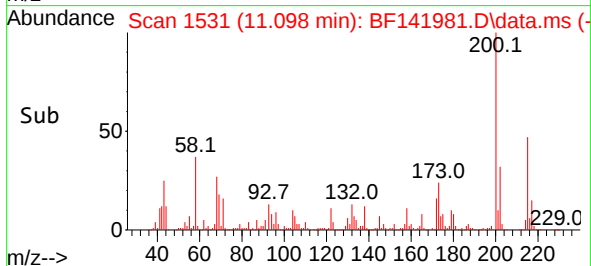
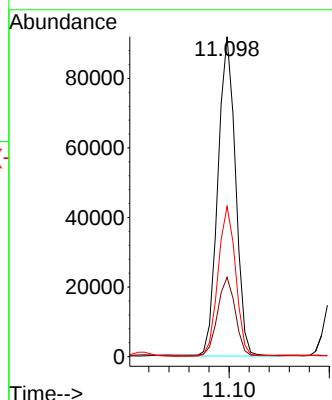
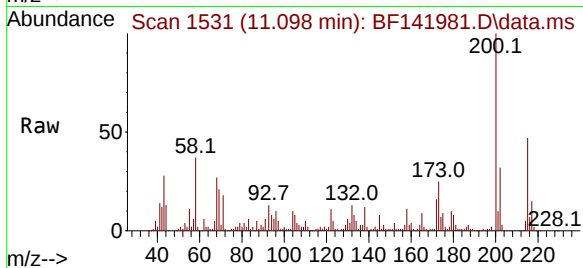
OK-02-03142025MSD

Tgt Ion:	200	Resp:	11209
Ion Ratio	Lower	Upper	
200	100		
173	24.8	4.7	44.7
215	46.9	25.4	65.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#70

Pentachlorophenol

Concen: 48.273 ng

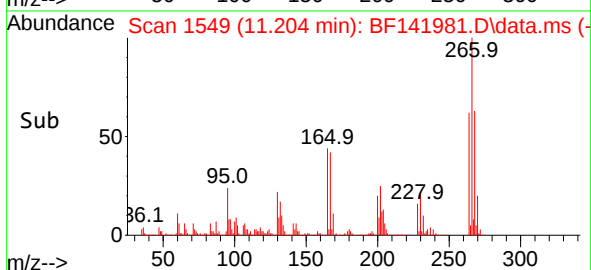
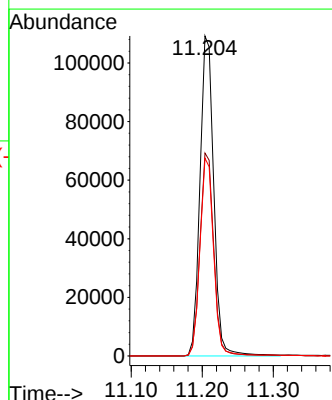
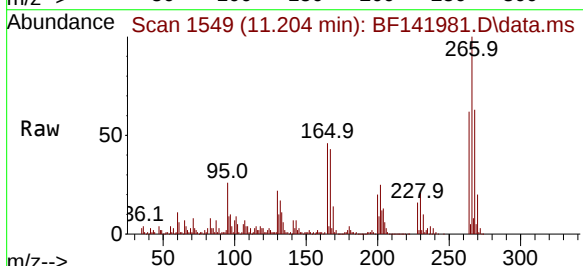
RT: 11.204 min Scan# 1549

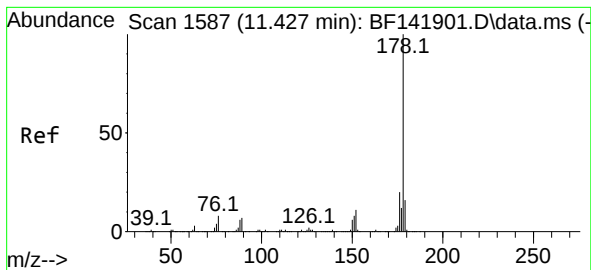
Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

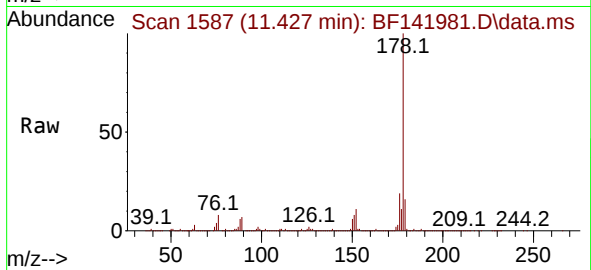
Tgt Ion:	266	Resp:	147715
Ion Ratio	Lower	Upper	
266	100		
268	63.4	51.0	76.6
264	61.8	50.2	75.2





#71
Phenanthrene
Concen: 43.225 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

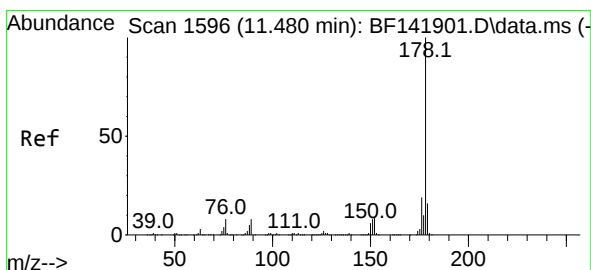
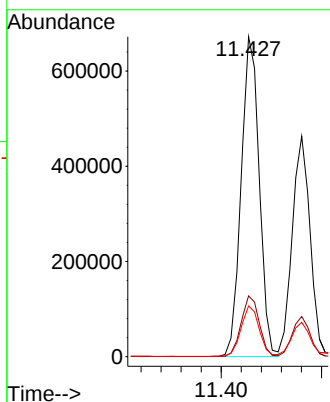
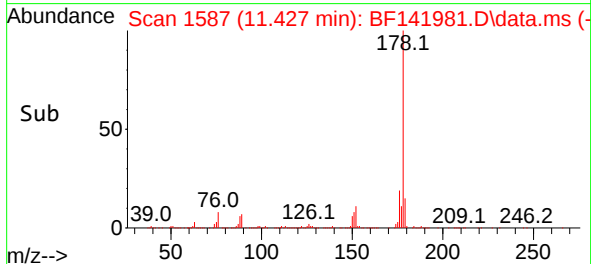
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:178 Resp: 841818
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.9 12.6 19.0

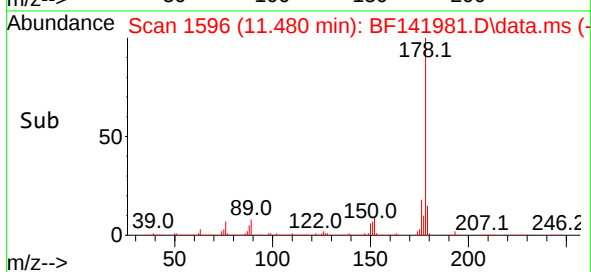
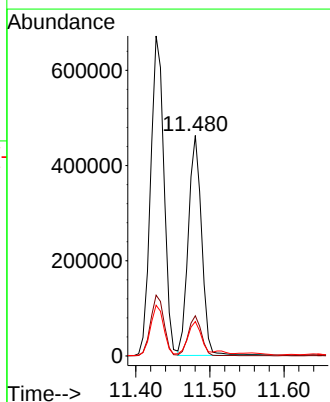
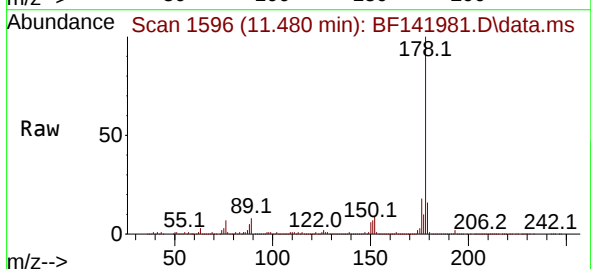
Manual Integrations
APPROVED

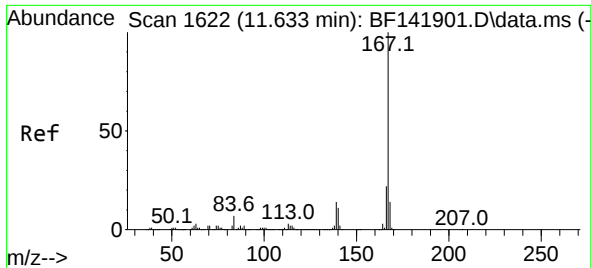
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#72
Anthracene
Concen: 29.566 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

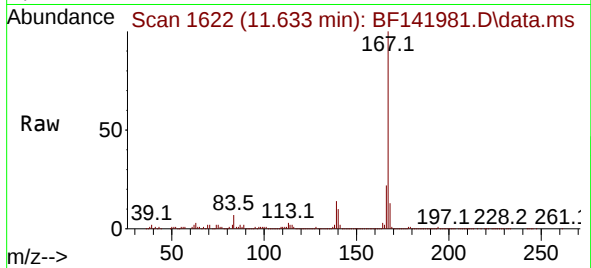
Tgt Ion:178 Resp: 577698
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 27.337 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF141981.D
 Acq: 17 Mar 2025 15:00

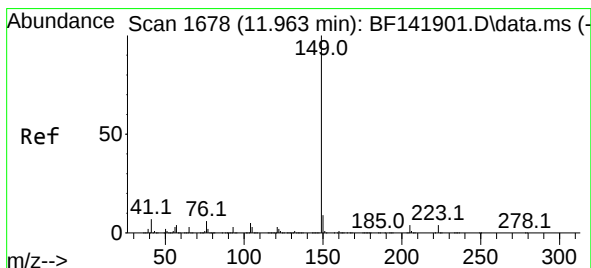
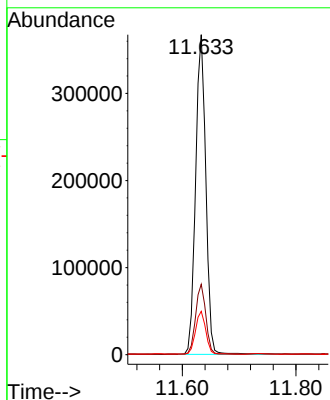
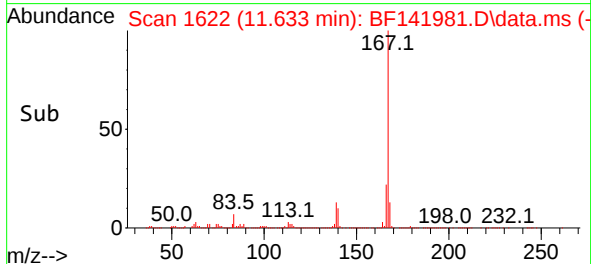
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MSD



Tgt Ion:167 Resp: 46064
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.6 11.0 16.6

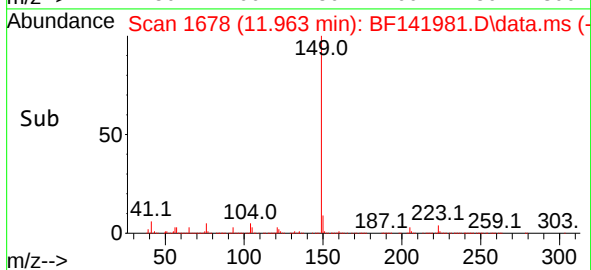
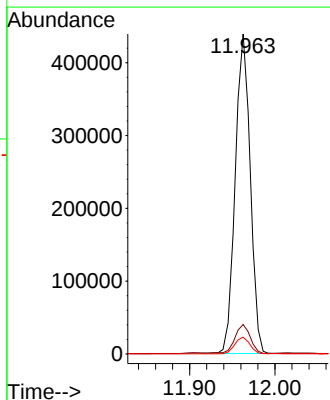
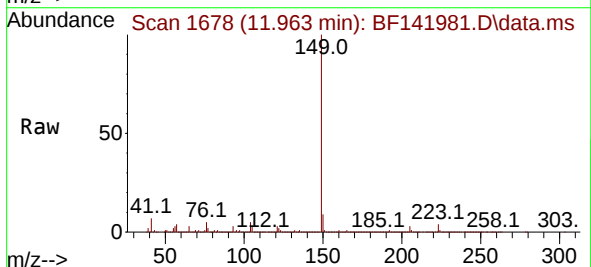
Manual Integrations
 APPROVED

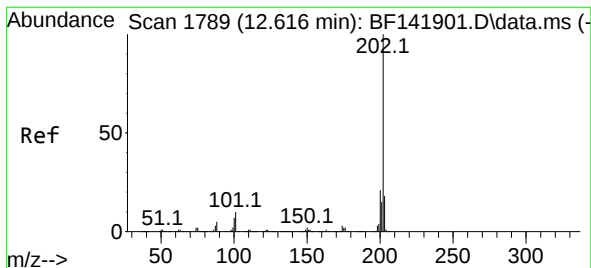
Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#74
 Di-n-butylphthalate
 Concen: 23.962 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF141981.D
 Acq: 17 Mar 2025 15:00

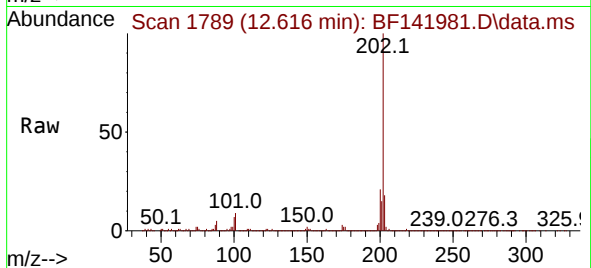
Tgt Ion:149 Resp: 535762
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 45.261 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

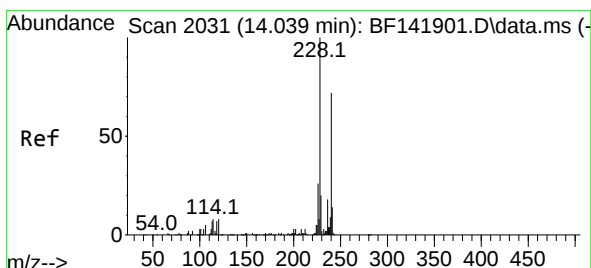
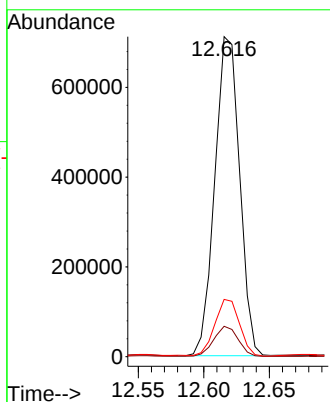
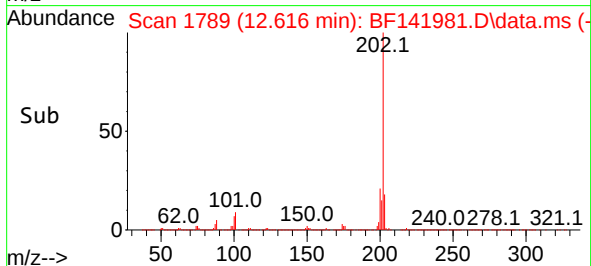
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:202 Resp: 935040
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.9 0.0 37.8

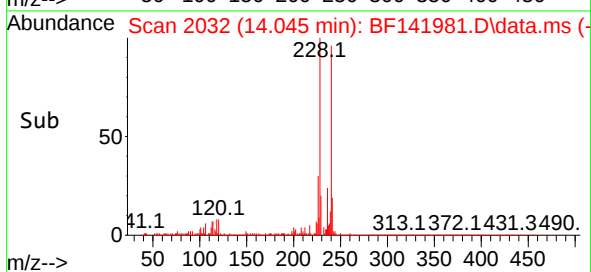
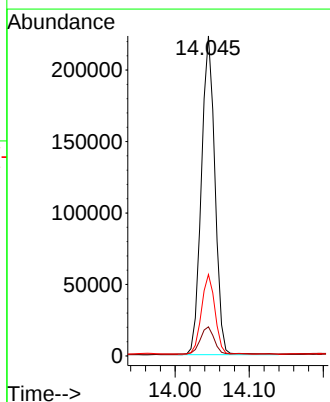
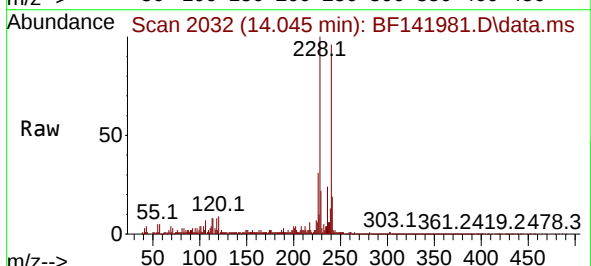
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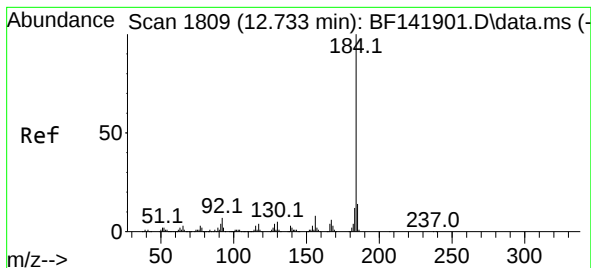
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:240 Resp: 282638
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.5 20.5 30.7





#77

Benzidine

Concen: 49.321 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:184 Resp: 19448

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

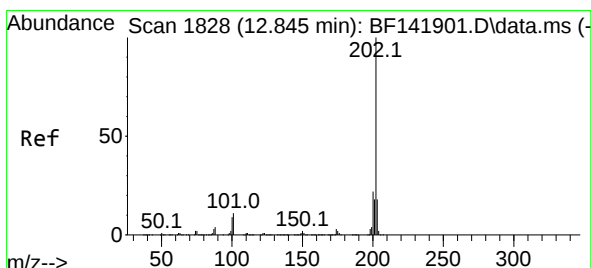
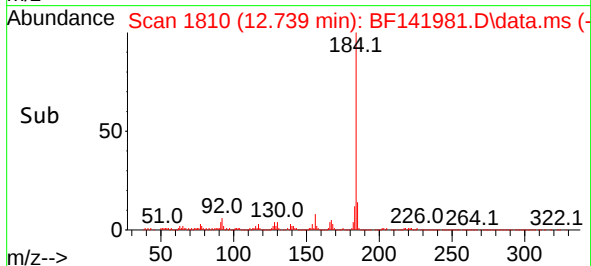
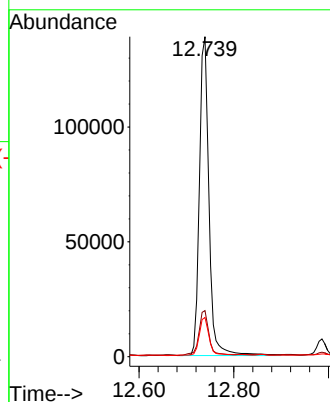
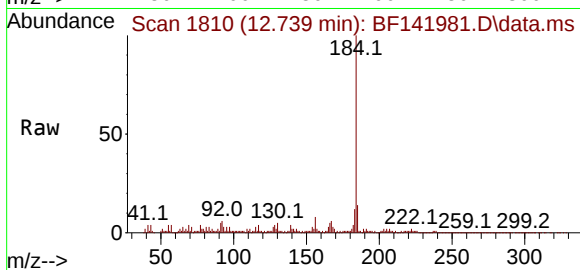
183 12.3 9.7 14.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#78

Pyrene

Concen: 38.868 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

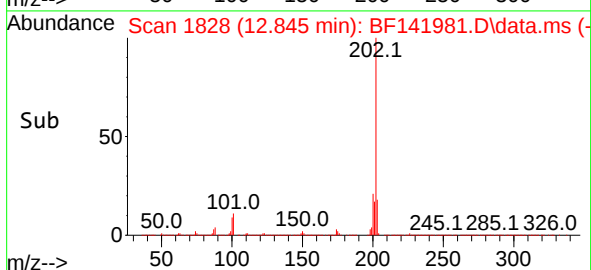
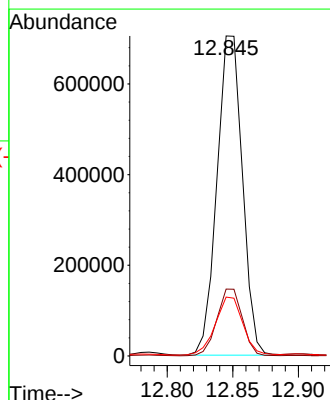
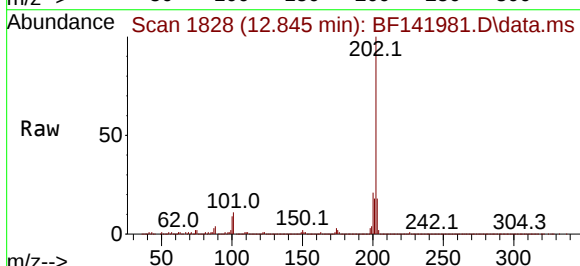
Tgt Ion:202 Resp: 950264

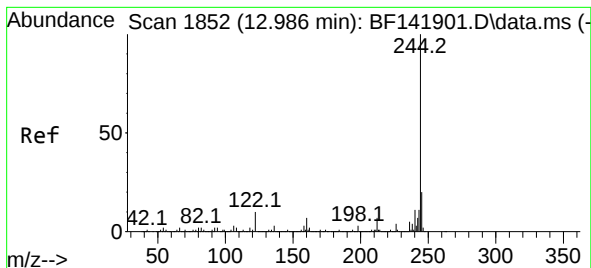
Ion Ratio Lower Upper

202 100

200 20.9 17.3 25.9

203 18.4 14.4 21.6





#79

Terphenyl-d14

Concen: 32.766 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

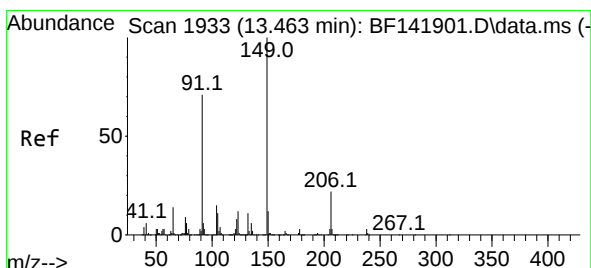
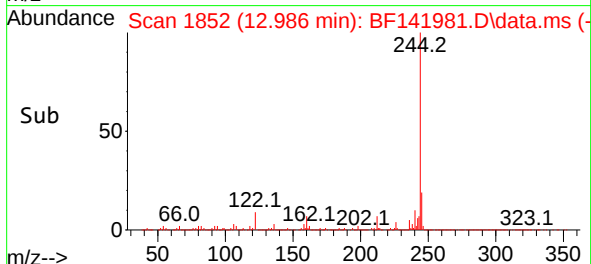
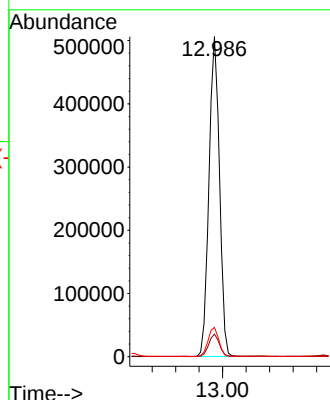
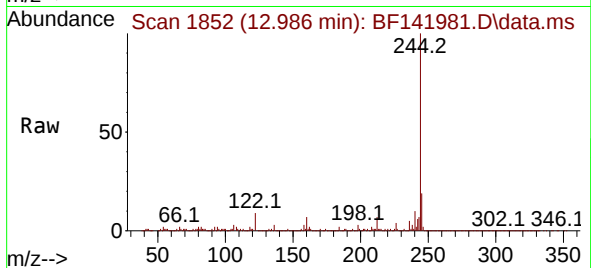
OK-02-03142025MSD

Tgt Ion:244 Resp: 62639
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#80

Butylbenzylphthalate

Concen: 23.475 ng

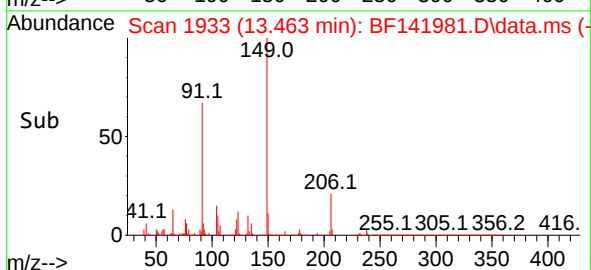
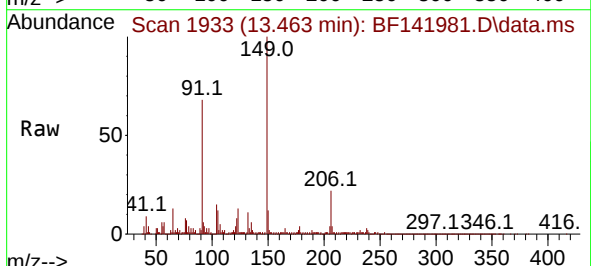
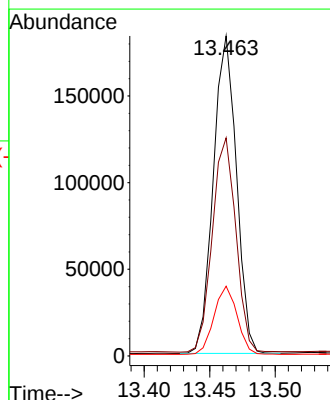
RT: 13.463 min Scan# 1933

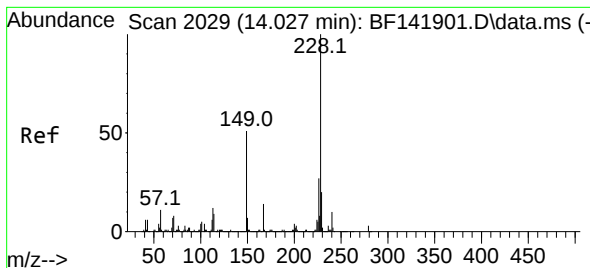
Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

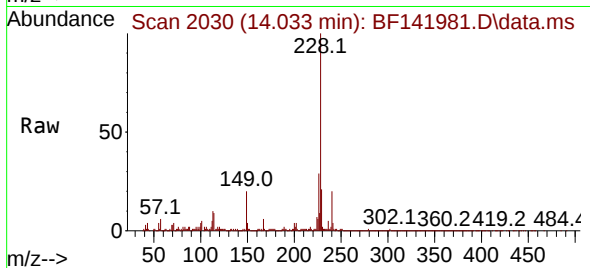
Tgt Ion:149 Resp: 224636
 Ion Ratio Lower Upper
 149 100
 91 68.2 56.5 84.7
 206 21.8 17.3 25.9





#81
Benzo(a)anthracene
Concen: 33.215 ng
RT: 14.033 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

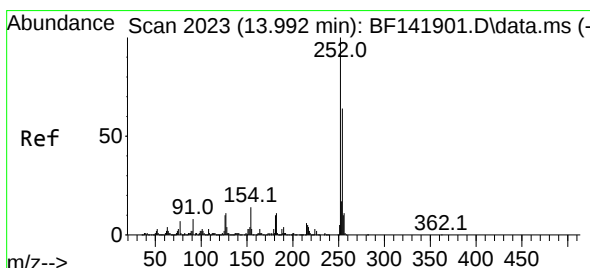
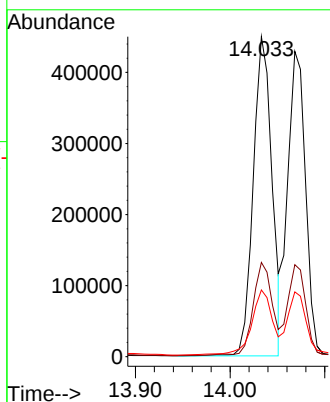
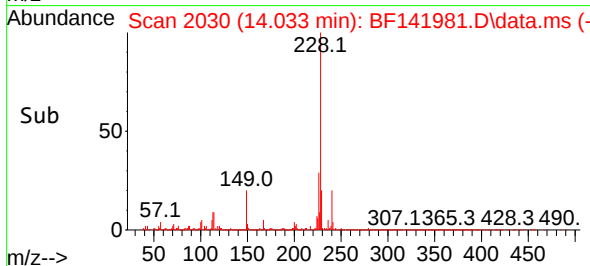
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:228 Resp: 616040
Ion Ratio Lower Upper
228 100
226 29.4 21.8 32.8
229 20.9 16.0 24.0

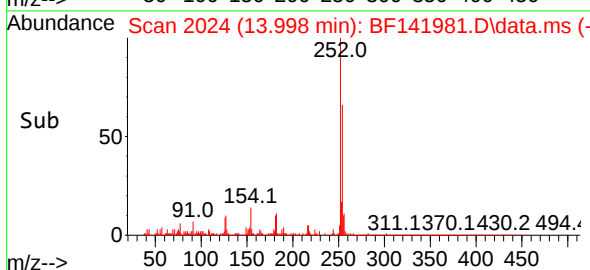
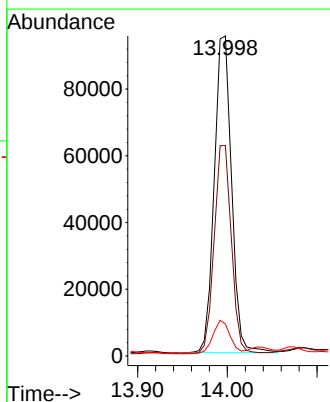
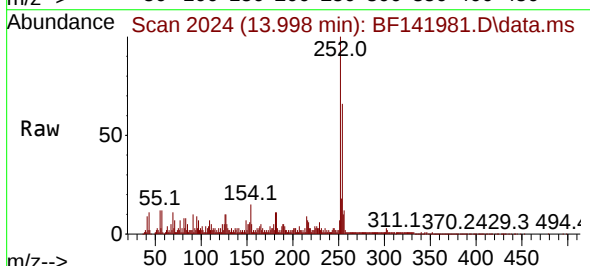
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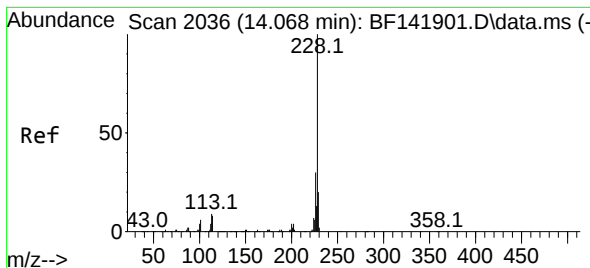
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 23.750 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:252 Resp: 127292
Ion Ratio Lower Upper
252 100
254 65.8 51.0 76.6
126 10.0 8.4 12.6





#83

Chrysene

Concen: 33.337 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:228 Resp: 560472

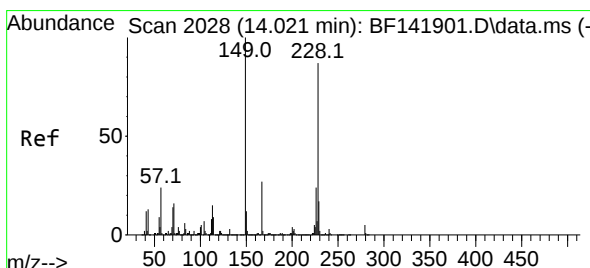
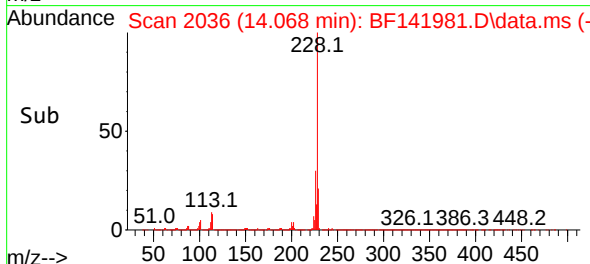
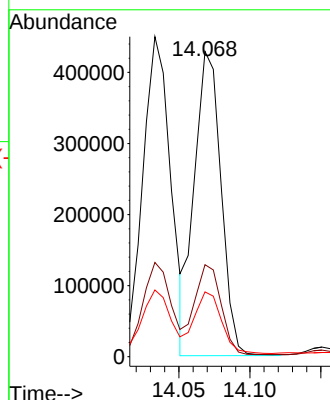
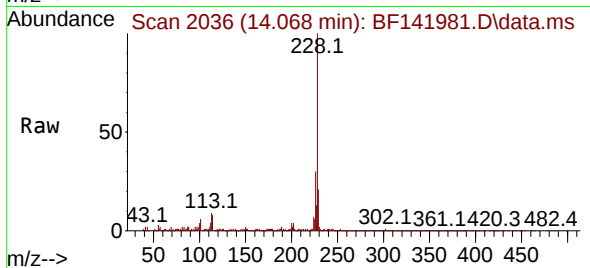
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	21.2	15.7	23.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.047 ng

RT: 14.021 min Scan# 2028

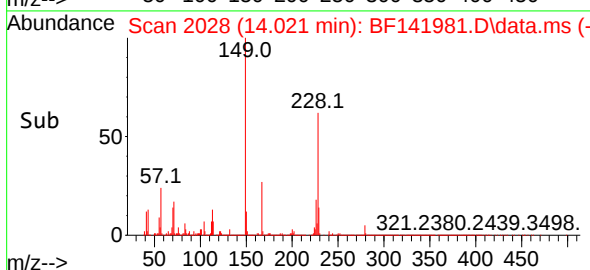
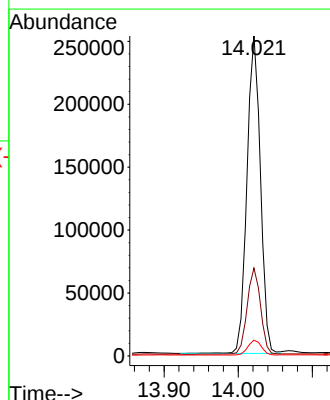
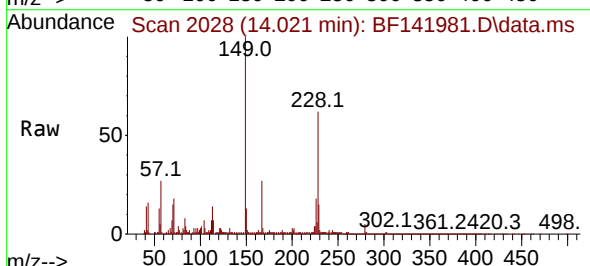
Delta R.T. 0.000 min

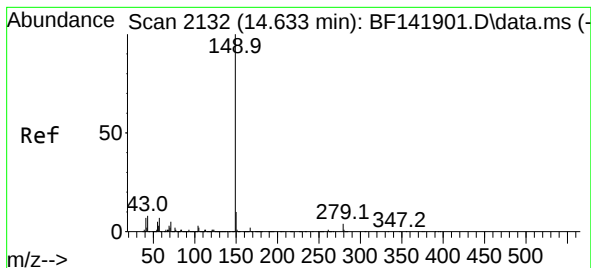
Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Tgt Ion:149 Resp: 317279

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.4	32.0
279	4.9	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 25.490 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

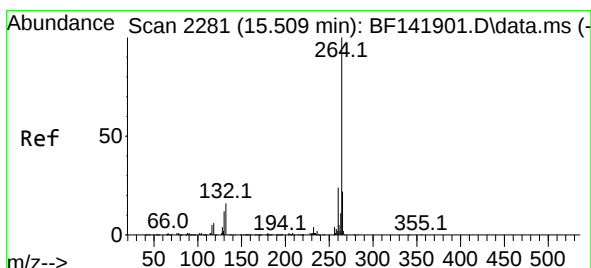
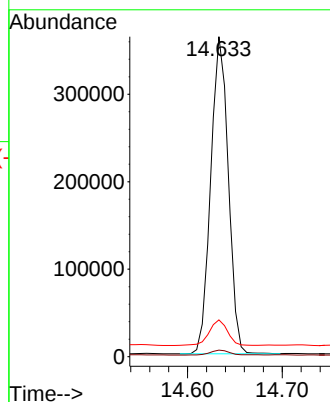
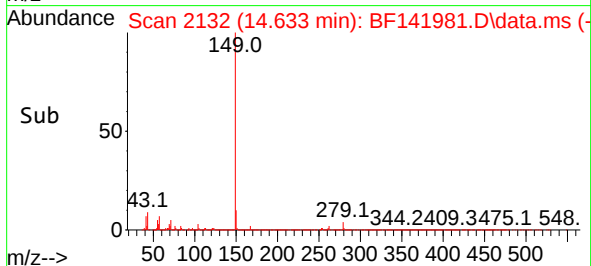
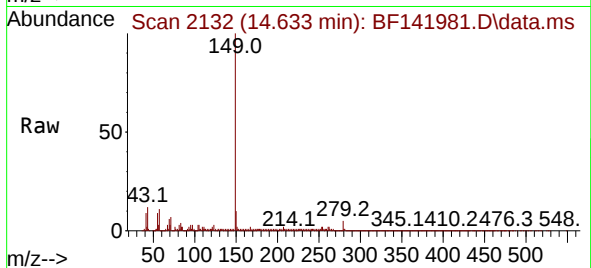
Tgt Ion:149 Resp: 46795

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.3	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

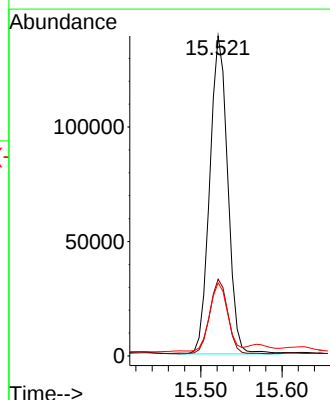
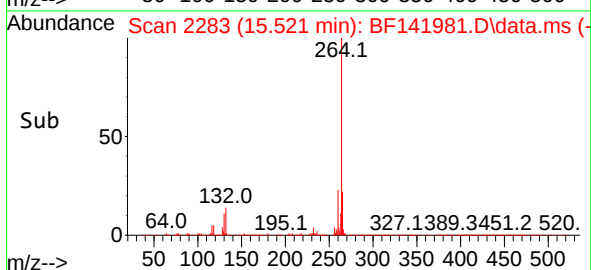
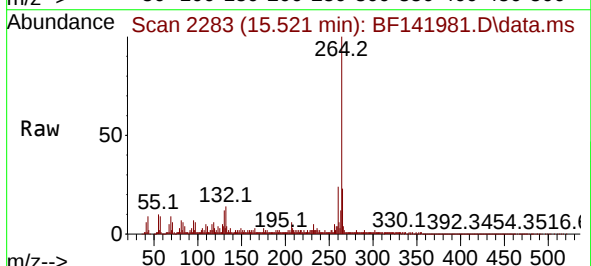
Delta R.T. 0.012 min

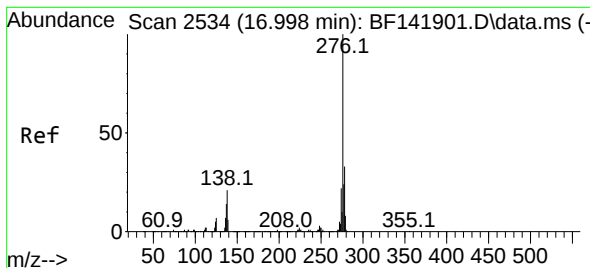
Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Tgt Ion:264 Resp: 213270

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.8	17.5	26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 26.514 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

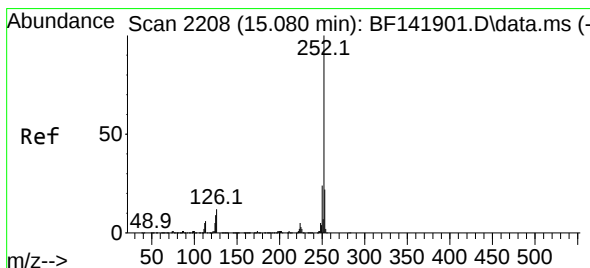
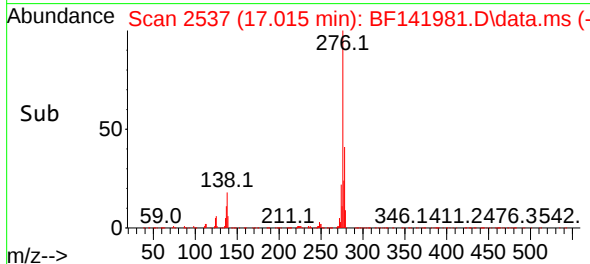
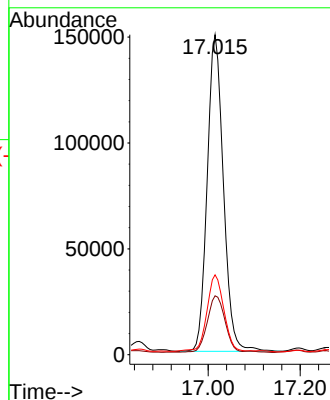
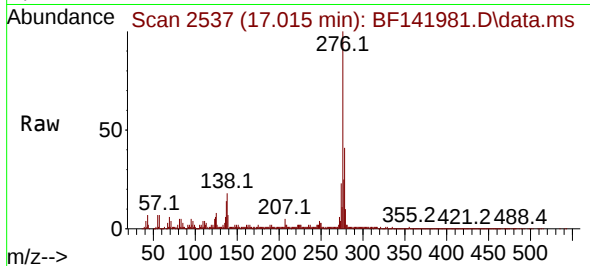
Tgt Ion:	276	Resp:	36579
Ion Ratio	Lower	Upper	
276	100		
138	19.4	18.4	27.6
277	25.0	20.3	30.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#88

Benzo(b)fluoranthene

Concen: 34.142 ng

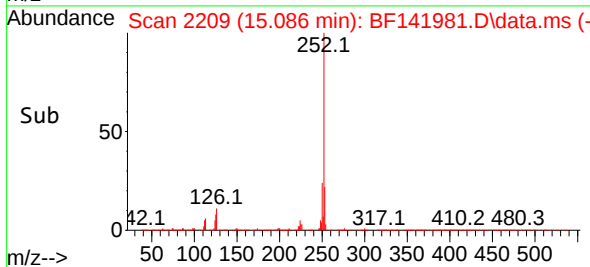
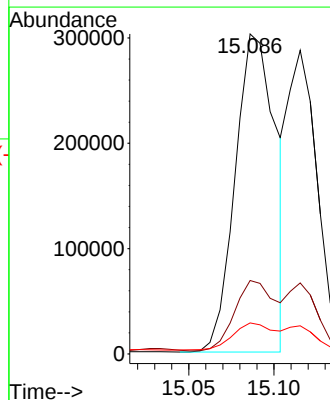
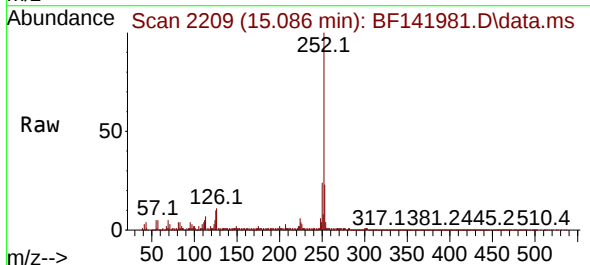
RT: 15.086 min Scan# 2209

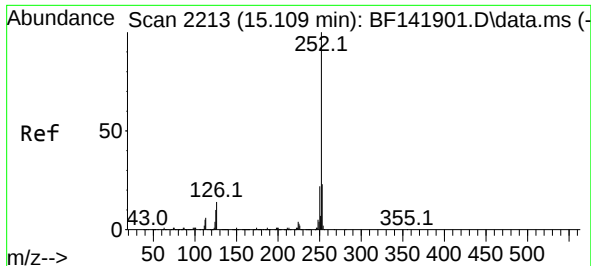
Delta R.T. 0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Tgt Ion:	252	Resp:	499038
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	9.7	7.0	10.4





#89
Benzo(k)fluoranthene
Concen: 27.371 ng
RT: 15.115 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

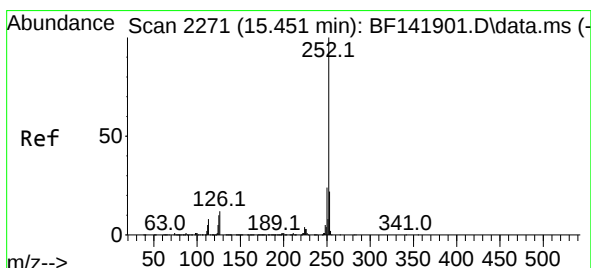
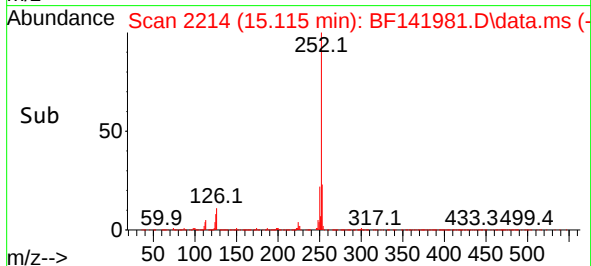
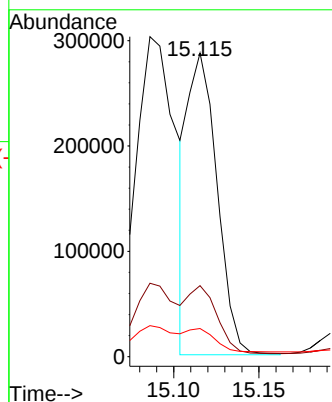
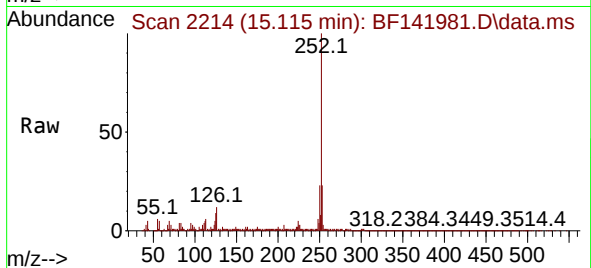
OK-02-03142025MSD

Tgt Ion:252 Resp: 342364
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 9.3 7.2 10.8

Manual Integrations

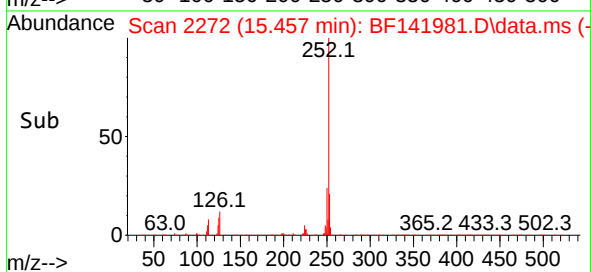
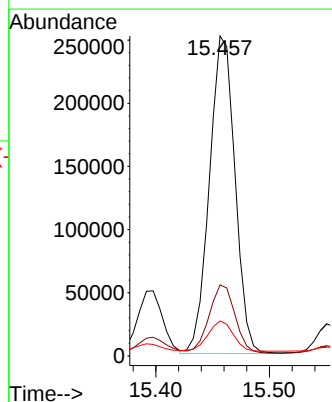
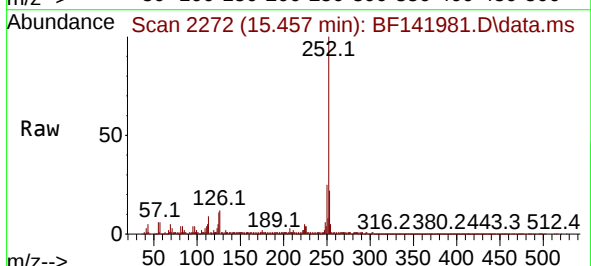
APPROVED

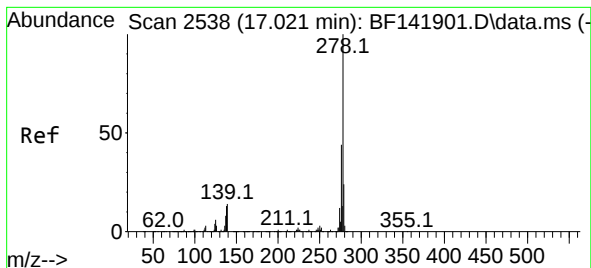
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#90
Benzo(a)pyrene
Concen: 34.445 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

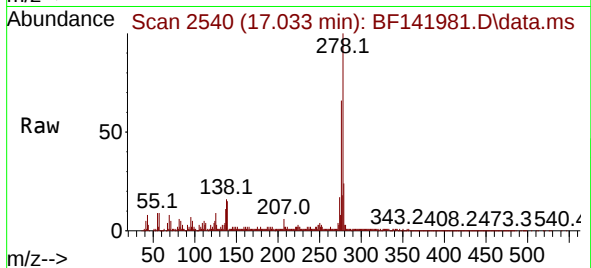
Tgt Ion:252 Resp: 393947
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.0 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 22.599 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

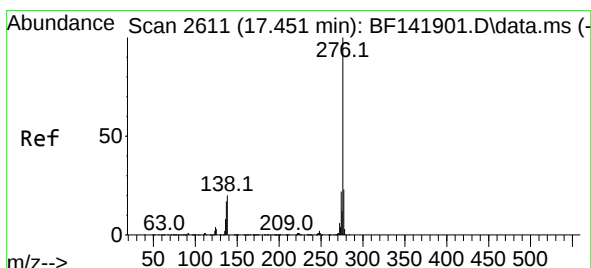
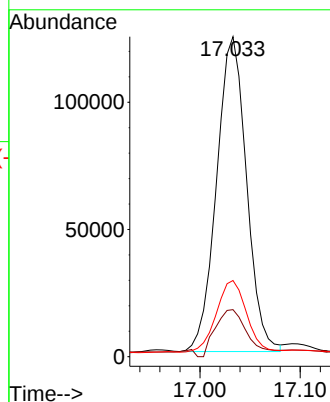
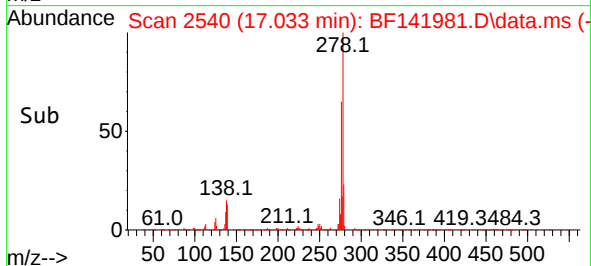
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:278 Resp: 257230
Ion Ratio Lower Upper
278 100
139 14.7 11.4 17.2
279 23.8 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#92
Benzo(g,h,i)perylene
Concen: 26.036 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.018 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:276 Resp: 292869
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 17.8 15.8 23.8

