

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141845.D
 Acq On : 05 Mar 2025 15:51
 Operator : RC/JU
 Sample : Q1487-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025

Quant Time: Mar 05 16:12:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 28 01:48:16 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	191311	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	731999	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	367233	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	575333	20.000	ng	0.00
76) Chrysene-d12	14.039	240	414755	20.000	ng	-0.01
86) Perylene-d12	15.509	264	465047	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1301485	108.643	ng	0.00
7) Phenol-d6	6.504	99	1625710	104.263	ng	0.00
23) Nitrobenzene-d5	7.445	82	1029379	89.888	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	402954	116.878	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1718796	75.048	ng	0.00
79) Terphenyl-d14	12.986	244	1459806	56.946	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	228087	41.961	ng	99
3) Pyridine	3.475	79	547422	40.476	ng	98
4) n-Nitrosodimethylamine	3.416	42	283179	43.516	ng	97
6) Aniline	6.545	93	629942	38.861	ng	100
8) 2-Chlorophenol	6.669	128	575056	44.375	ng	96
9) Benzaldehyde	6.434	77	206651	22.785	ng	98
10) Phenol	6.522	94	741516	44.504	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	531330	41.835	ng	97
12) 1,3-Dichlorobenzene	6.828	146	603684	43.499	ng	99
13) 1,4-Dichlorobenzene	6.904	146	616390	44.080	ng	99
14) 1,2-Dichlorobenzene	7.057	146	583334	44.674	ng	98
15) Benzyl Alcohol	7.022	79	497324	39.909	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	733553	38.031	ng	99
17) 2-Methylphenol	7.128	107	454751	42.513	ng	100
18) Hexachloroethane	7.398	117	224314	42.859	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	390439	38.092	ng	99
20) 3+4-Methylphenols	7.281	107	581786	43.679	ng	97
22) Acetophenone	7.292	105	842821	47.275	ng	98
24) Nitrobenzene	7.463	77	598766	48.826	ng	99
25) Isophorone	7.704	82	1045129	42.481	ng	99
26) 2-Nitrophenol	7.781	139	281708	51.099	ng	99
27) 2,4-Dimethylphenol	7.810	122	484864	53.613	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	621875	39.625	ng	99
29) 2,4-Dichlorophenol	8.016	162	452566	43.378	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	495020	43.300	ng	98
31) Naphthalene	8.186	128	1597999	42.475	ng	99
32) Benzoic acid	7.910	122	356667m	47.372	ng	
33) 4-Chloroaniline	8.233	127	347428	25.186	ng	98
34) Hexachlorobutadiene	8.304	225	307767	43.322	ng	98
35) Caprolactam	8.592	113	165656	51.613	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	485311	41.874	ng	99
37) 2-Methylnaphthalene	8.880	142	980751	39.744	ng	99
38) 1-Methylnaphthalene	8.975	142	970185	40.974	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	524773	49.478	ng	99
41) Hexachlorocyclopentadiene	9.033	237	568656	128.474	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	320323	46.755	ng	100

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Manual Integrations**APPROVED**

Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025

Quant Time: Mar 05 16:12:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 28 01:48:16 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	326554	48.135	ng	99
46) 1,1'-Biphenyl	9.339	154	1381301	49.416	ng	99
47) 2-Chloronaphthalene	9.369	162	939307	45.529	ng	98
48) 2-Nitroaniline	9.457	65	301849	52.958	ng	97
49) Acenaphthylene	9.780	152	1444944	46.713	ng	100
50) Dimethylphthalate	9.639	163	1069323	43.481	ng	99
51) 2,6-Dinitrotoluene	9.698	165	235755	49.987	ng	96
52) Acenaphthene	9.957	154	980429	46.974	ng	99
53) 3-Nitroaniline	9.869	138	179159	36.508	ng	# 94
54) 2,4-Dinitrophenol	9.969	184	153518	73.318	ng	# 18
55) Dibenzofuran	10.127	168	1289752	42.456	ng	98
56) 4-Nitrophenol	10.016	139	414529	114.125	ng	99
57) 2,4-Dinitrotoluene	10.104	165	323093	55.621	ng	91
58) Fluorene	10.469	166	986733	43.363	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	269777	45.723	ng	98
60) Diethylphthalate	10.339	149	1010574	40.990	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	482285	42.302	ng	99
62) 4-Nitroaniline	10.480	138	222496	52.977	ng	96
63) Azobenzene	10.622	77	1103992	42.529	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	112278	42.552	ng	92
66) n-Nitrosodiphenylamine	10.574	169	874306	46.279	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	299369	44.548	ng	97
68) Hexachlorobenzene	11.016	284	318600	44.897	ng	99
69) Atrazine	11.104	200	327584	63.055	ng	98
70) Pentachlorophenol	11.204	266	378895	84.186	ng	99
71) Phenanthrene	11.427	178	1401406	45.538	ng	99
72) Anthracene	11.480	178	1410204	45.722	ng	99
73) Carbazole	11.633	167	1207332	44.327	ng	99
74) Di-n-butylphthalate	11.963	149	1415465	40.999	ng	100
75) Fluoranthene	12.616	202	1296948	41.129	ng	98
77) Benzidine	12.733	184	567942	108.795	ng	99
78) Pyrene	12.845	202	1302790	36.274	ng	99
80) Butylbenzylphthalate	13.463	149	493506	37.820	ng	98
81) Benzo(a)anthracene	14.033	228	1246967	45.518	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	378006	48.093	ng	100
83) Chrysene	14.068	228	1103430	43.694	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	628755	38.698	ng	100
85) Di-n-octyl phthalate	14.633	149	1135656	46.687	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	1039862	35.115	ng	98
88) Benzo(b)fluoranthene	15.080	252	1433060	45.239	ng	99
89) Benzo(k)fluoranthene	15.109	252	1063202	39.488	ng	99
90) Benzo(a)pyrene	15.451	252	1186012	46.684	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	871243	36.044	ng	98
92) Benzo(g,h,i)perylene	17.445	276	735371	29.696	ng	98

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

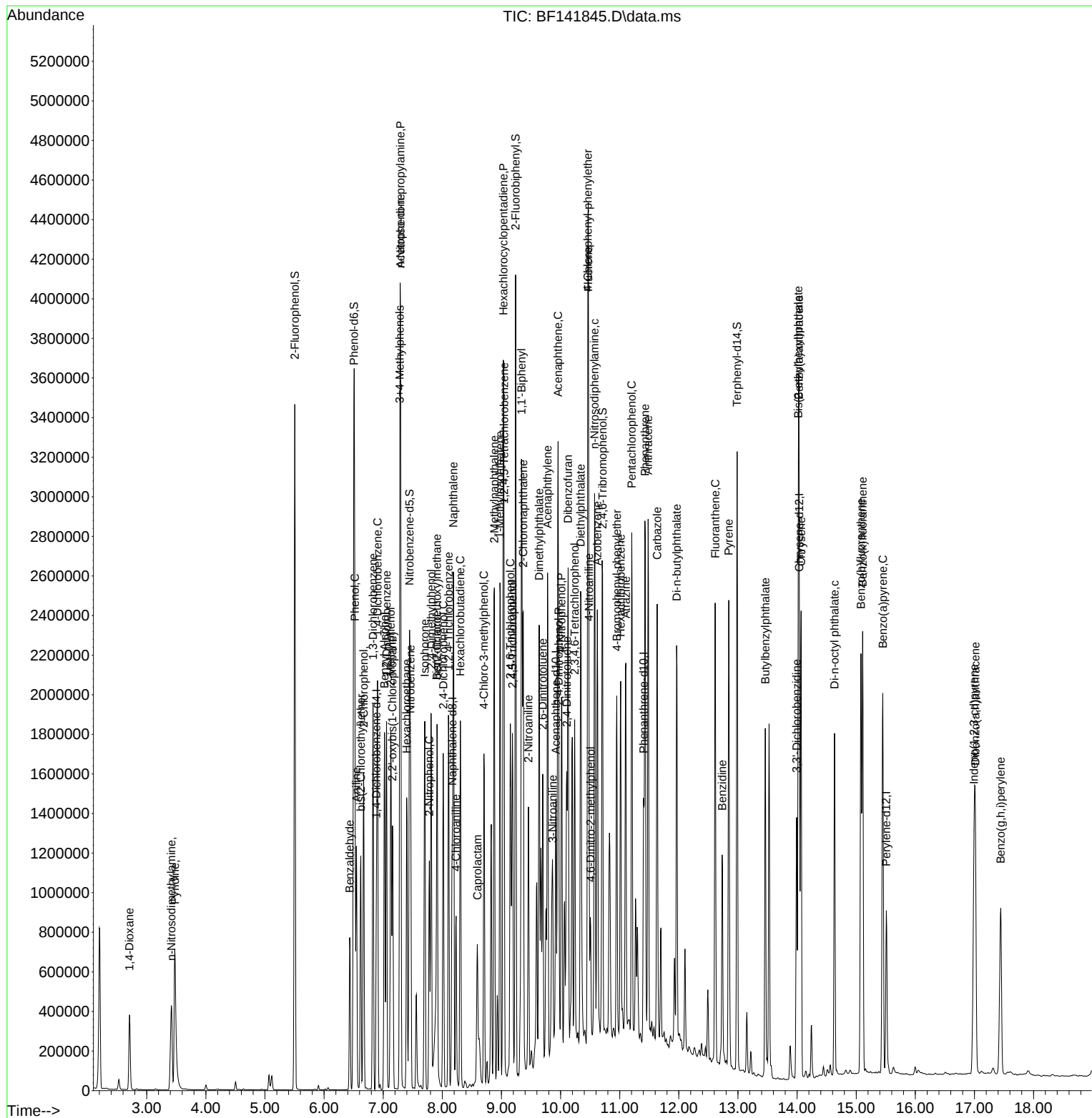
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
Data File : BF141845.D
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Sample : Q1487-01MSD
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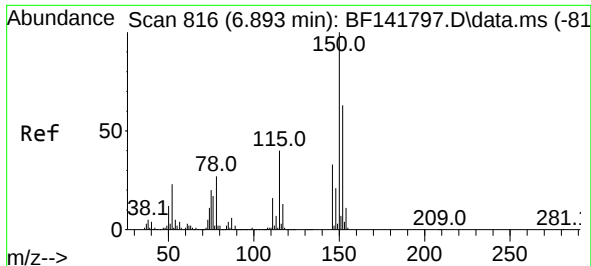
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

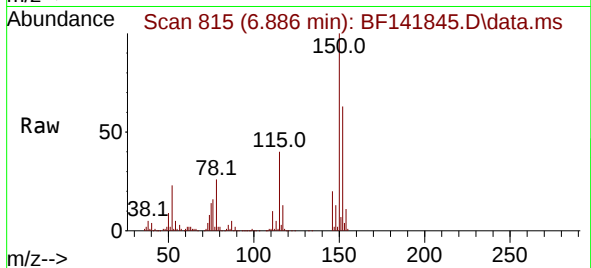
Quant Time: Mar 05 16:12:53 2025
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QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BF141845.D
 Acq: 05 Mar 2025 15:51

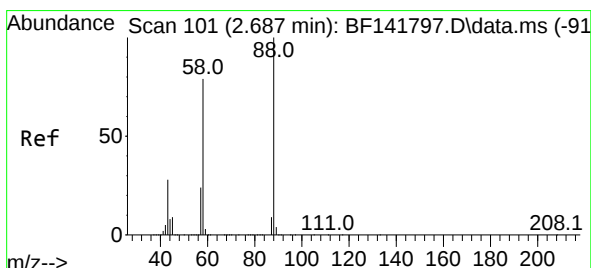
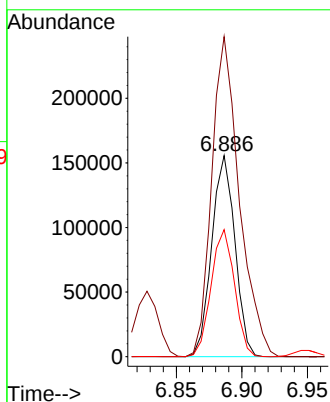
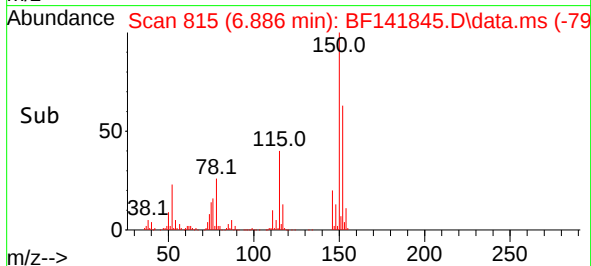
Instrument :
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 ClientSampleId :
 DN-B-42MSD



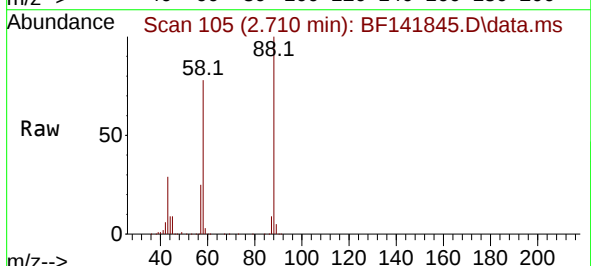
Tgt Ion:152 Resp: 19131
 Ion Ratio Lower Upper
 152 100
 150 159.1 127.5 191.3
 115 63.2 51.4 77.2

Manual Integrations
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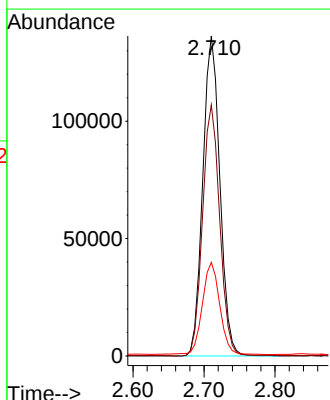
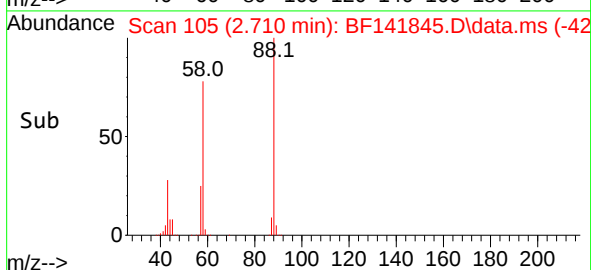
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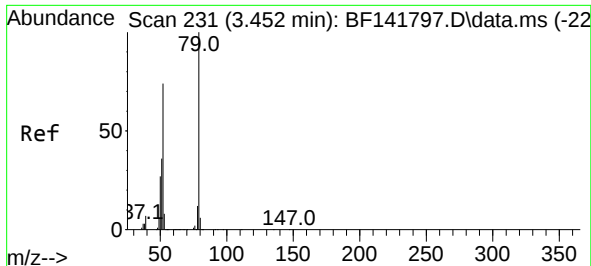


#2
 1,4-Dioxane
 Concen: 41.961 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.023 min
 Lab File: BF141845.D
 Acq: 05 Mar 2025 15:51



Tgt Ion: 88 Resp: 228087
 Ion Ratio Lower Upper
 88 100
 58 78.8 63.9 95.9
 43 29.3 23.0 34.6





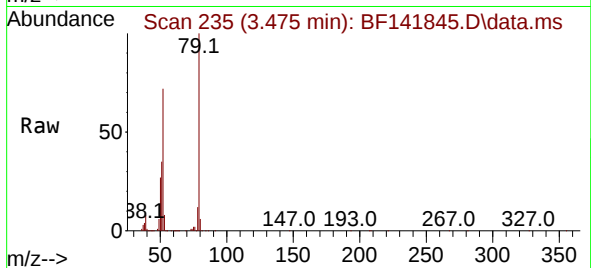
#3
 Pyridine
 Concen: 40.476 ng
 RT: 3.475 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF141845.D
 Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

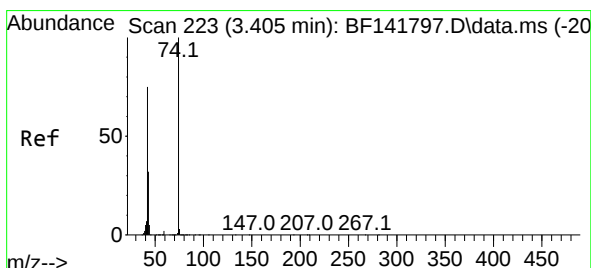
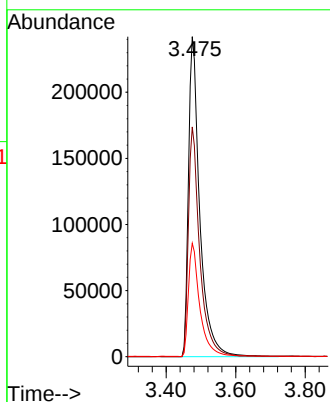
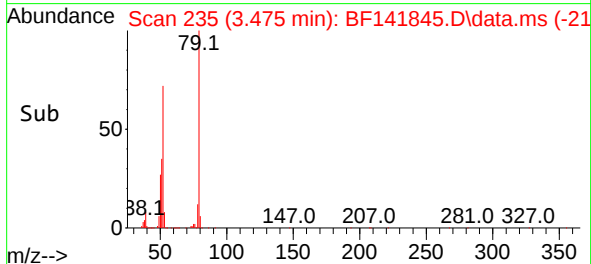


Tgt Ion: 79 Resp: 54742
 Ion Ratio Lower Upper
 79 100
 52 71.8 59.0 88.4
 51 35.5 29.0 43.4

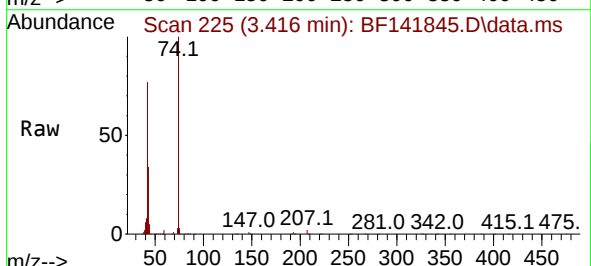
Manual Integrations

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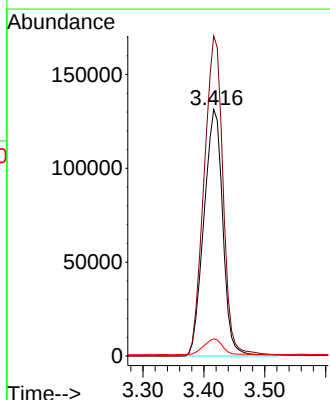
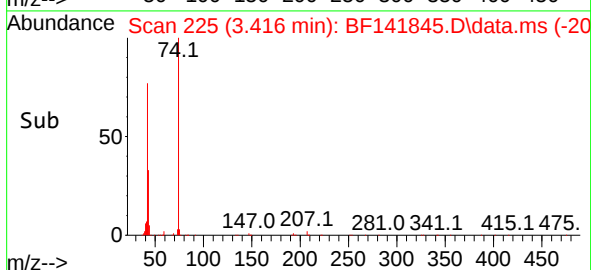
Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025

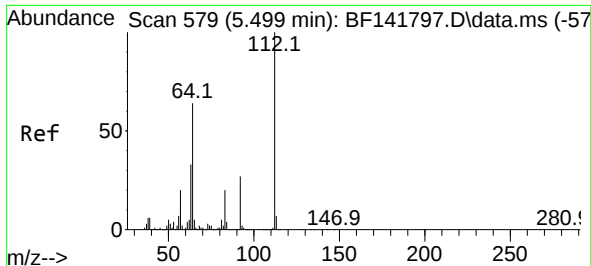


#4
 n-Nitrosodimethylamine
 Concen: 43.516 ng
 RT: 3.416 min Scan# 225
 Delta R.T. 0.012 min
 Lab File: BF141845.D
 Acq: 05 Mar 2025 15:51



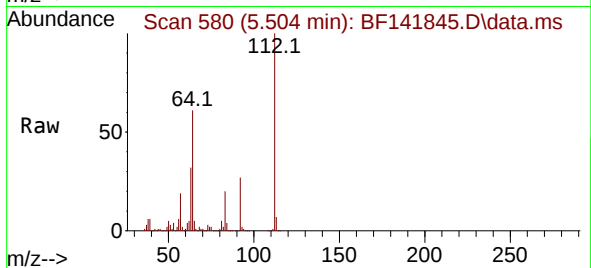
Tgt Ion: 42 Resp: 283179
 Ion Ratio Lower Upper
 42 100
 74 129.8 107.1 160.7
 44 6.9 6.6 9.8





#5
2-Fluorophenol
Concen: 108.643 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

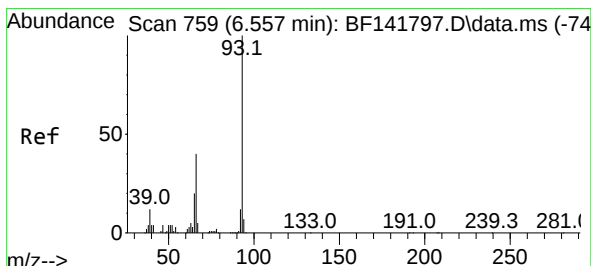
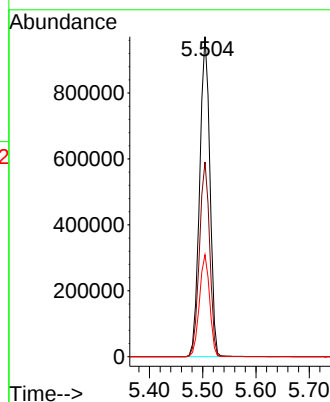
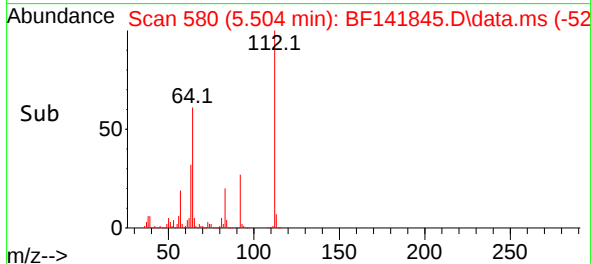
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



Tgt Ion: 112 Resp: 130148
Ion Ratio Lower Upper
112 100
64 60.9 51.3 76.9
63 31.8 26.2 39.4

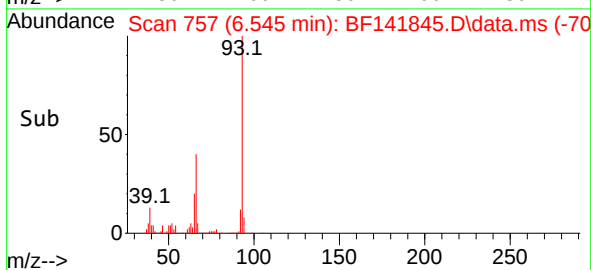
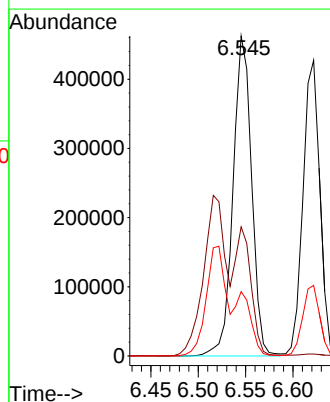
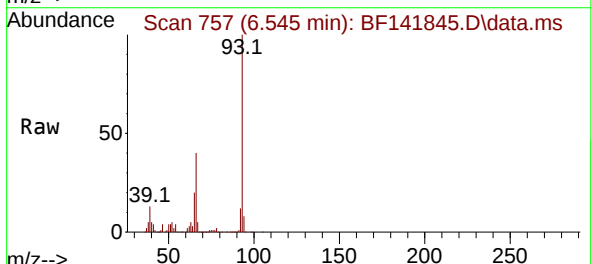
Manual Integrations
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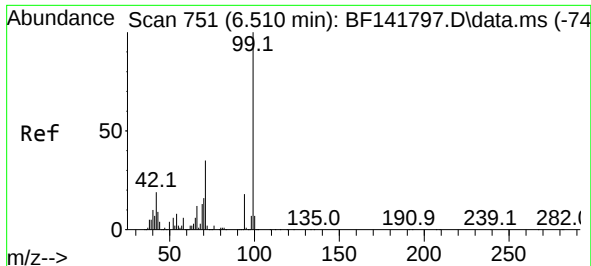
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#6
Aniline
Concen: 38.861 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

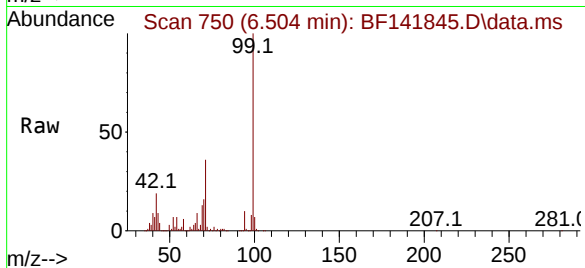
Tgt Ion: 93 Resp: 629942
Ion Ratio Lower Upper
93 100
66 40.4 32.3 48.5
65 20.1 15.9 23.9





#7
Phenol-d6
Concen: 104.263 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

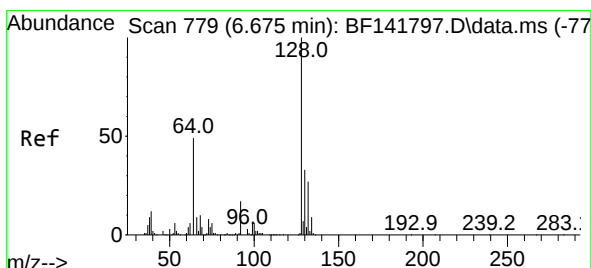
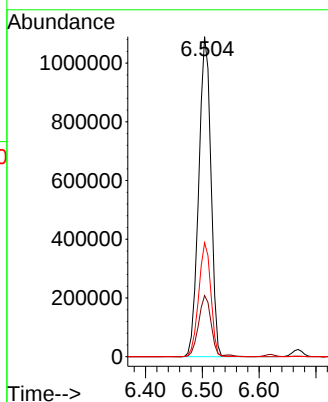
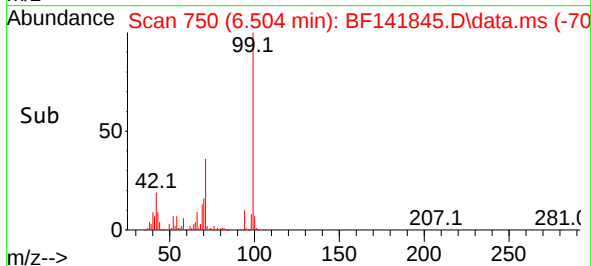
Instrument :
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ClientSampleId :
DN-B-42MSD



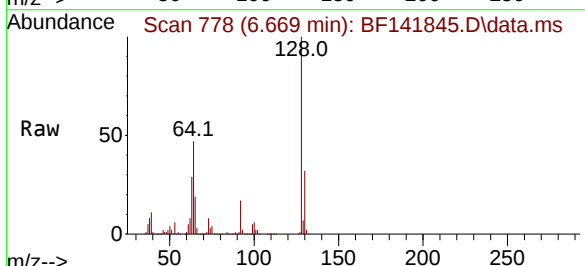
Tgt Ion: 99 Resp: 1625710
Ion Ratio Lower Upper
99 100
42 19.1 15.2 22.8
71 35.6 28.2 42.2

Manual Integrations
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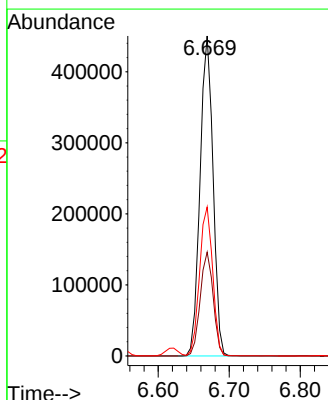
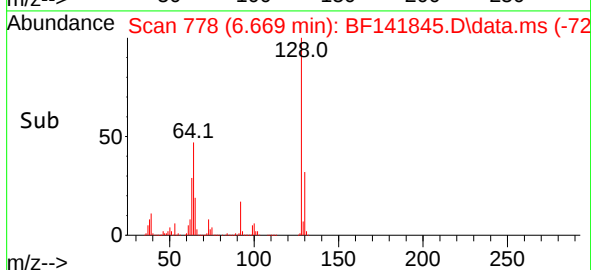
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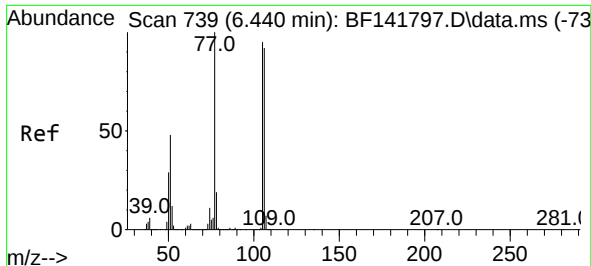


#8
2-Chlorophenol
Concen: 44.375 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



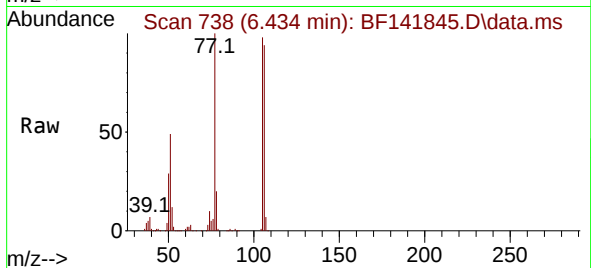
Tgt Ion:128 Resp: 575056
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 46.5 31.1 71.1





#9
Benzaldehyde
Concen: 22.785 ng
RT: 6.434 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

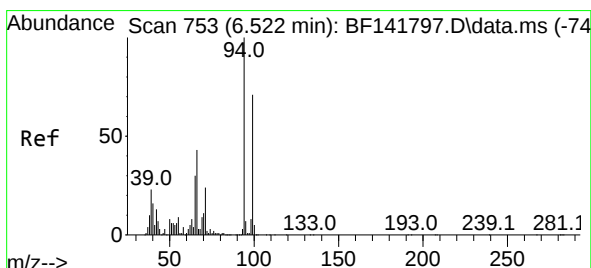
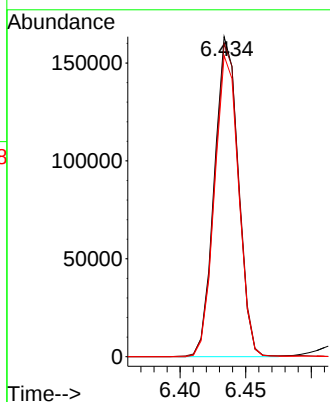
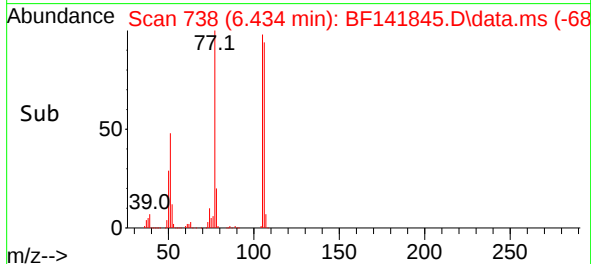
Instrument :
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Tgt Ion: 77 Resp: 20665
Ion Ratio Lower Upper
77 100
105 97.8 75.3 115.3
106 94.0 72.3 112.3

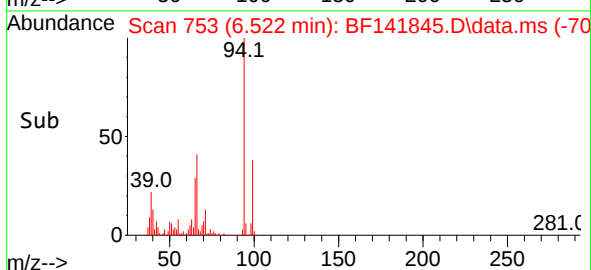
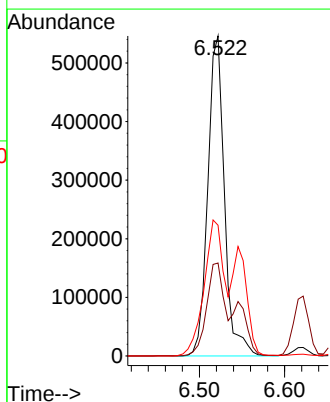
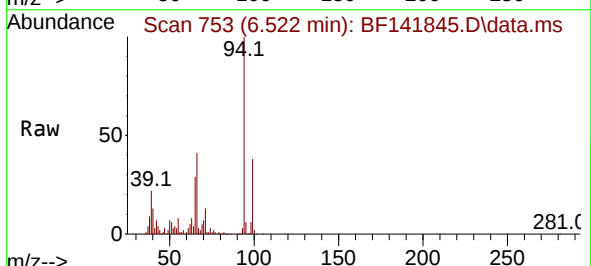
Manual Integrations
APPROVED

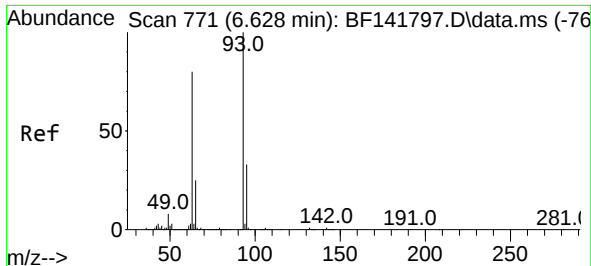
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#10
Phenol
Concen: 44.504 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

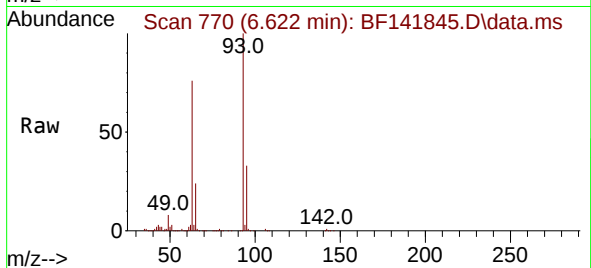
Tgt Ion: 94 Resp: 741516
Ion Ratio Lower Upper
94 100
65 29.1 10.2 50.2
66 40.8 23.2 63.2





#11
bis(2-Chloroethyl)ether
Concen: 41.835 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

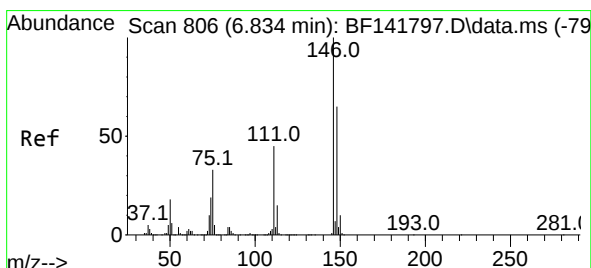
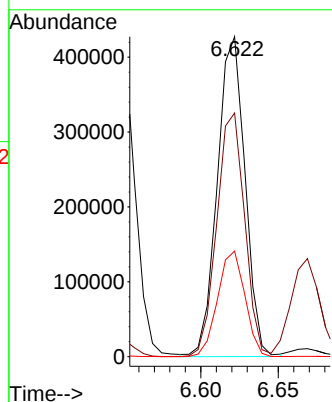
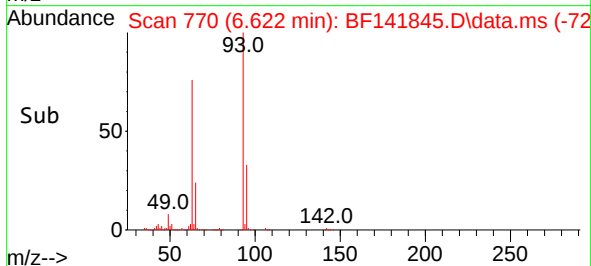
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



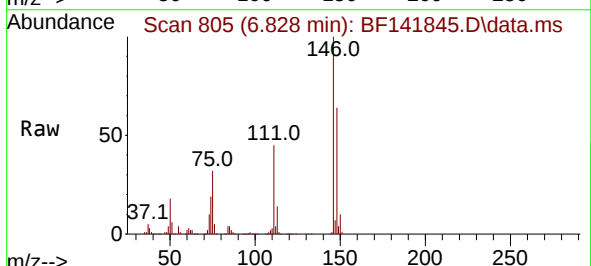
Tgt Ion: 93 Resp: 531330
Ion Ratio Lower Upper
93 100
63 76.2 59.3 99.3
95 33.0 13.2 53.2

Manual Integrations
APPROVED

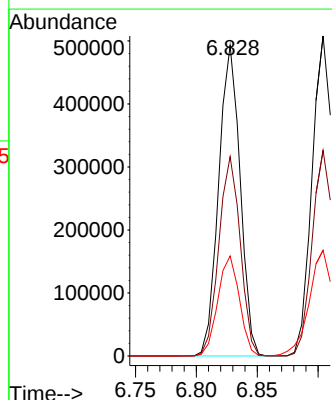
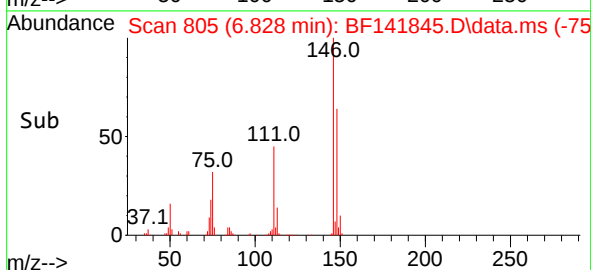
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

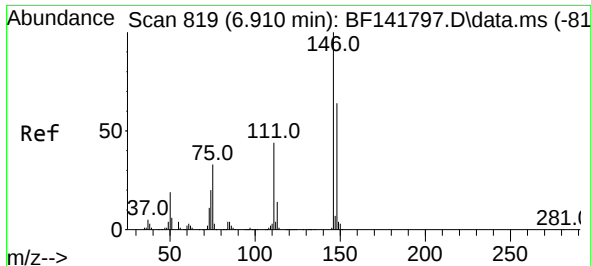


#12
1,3-Dichlorobenzene
Concen: 43.499 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



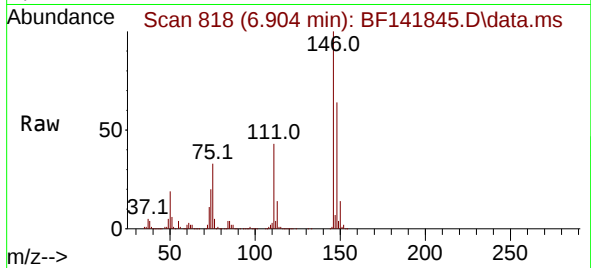
Tgt Ion:146 Resp: 603684
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
75 32.2 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 44.080 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

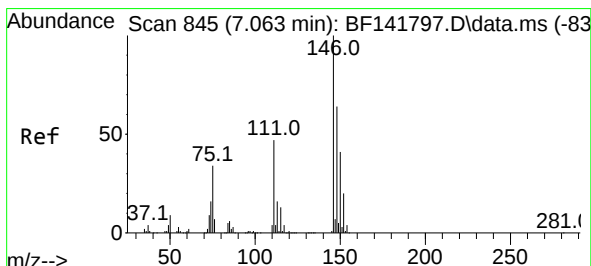
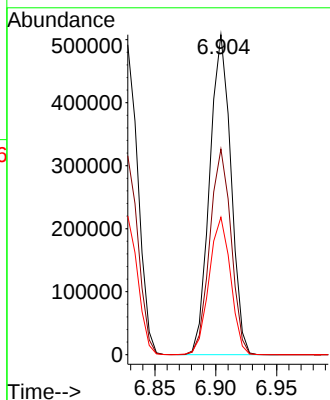
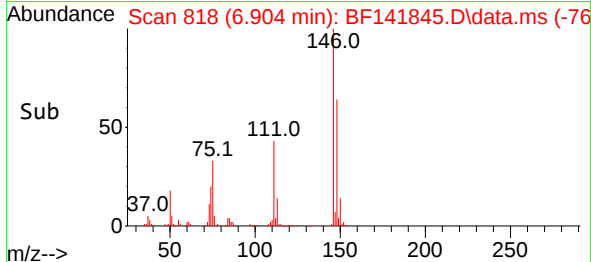
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



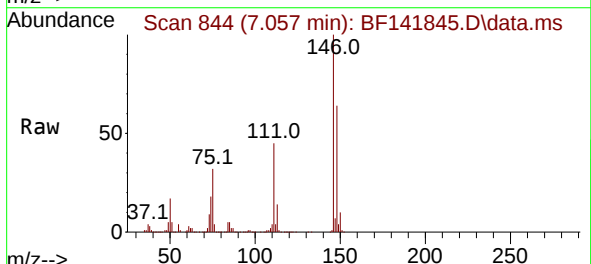
Tgt Ion:146 Resp: 616390
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 43.0 35.5 53.3

Manual Integrations
APPROVED

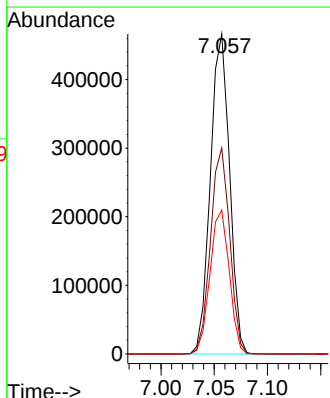
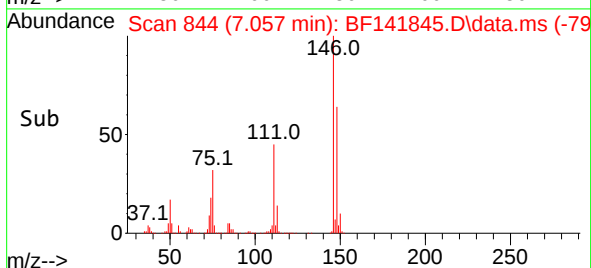
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

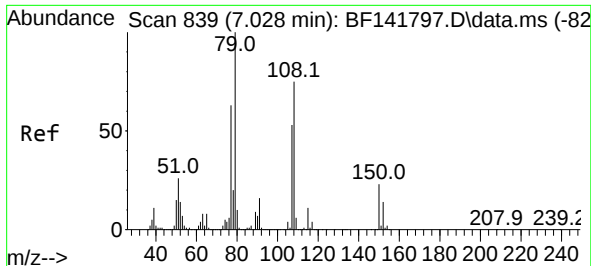


#14
1,2-Dichlorobenzene
Concen: 44.674 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



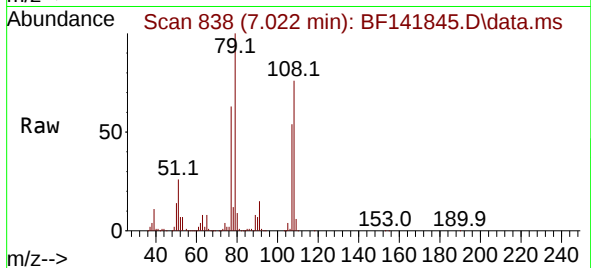
Tgt Ion:146 Resp: 583334
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
111 44.9 37.8 56.6





#15
Benzyl Alcohol
Concen: 39.909 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

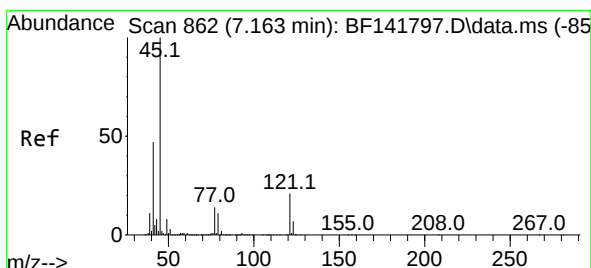
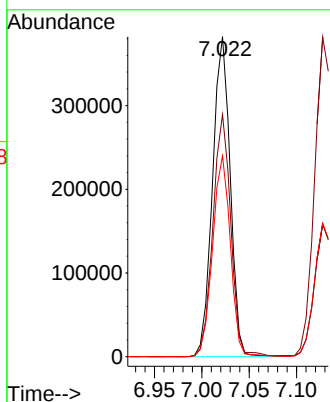
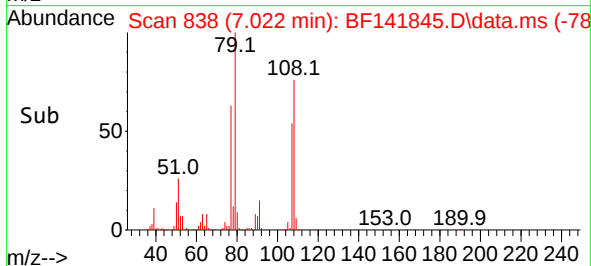
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



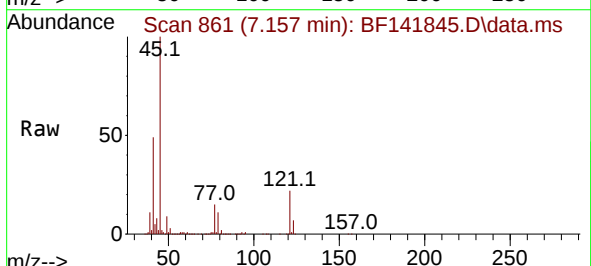
Tgt Ion: 79 Resp: 497324
Ion Ratio Lower Upper
79 100
108 75.7 60.2 90.2
77 62.7 50.2 75.2

Manual Integrations
APPROVED

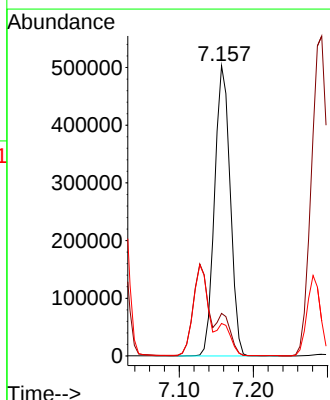
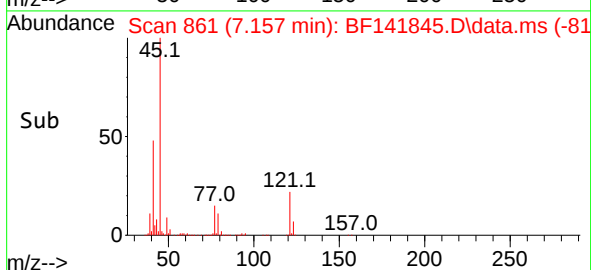
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.031 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



Tgt Ion: 45 Resp: 733553
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.4
79 11.2 0.0 30.9





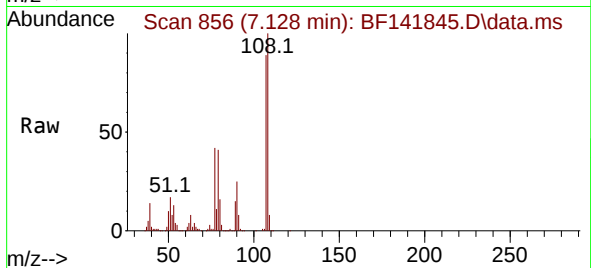
#17
2-Methylphenol
Concen: 42.513 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

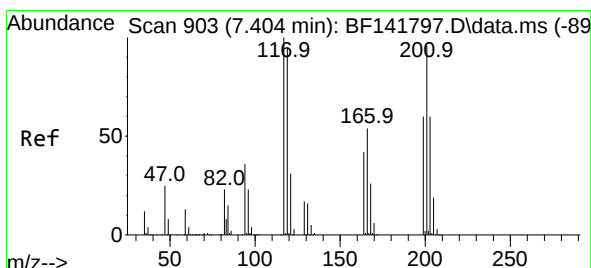
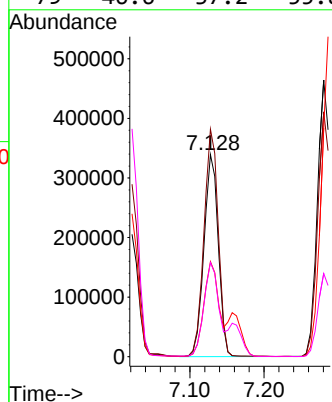
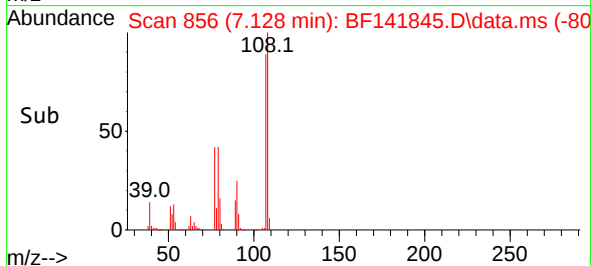


Tgt Ion:107 Resp: 45475
Ion Ratio Lower Upper
107 100
108 112.5 90.6 135.8
77 47.0 37.7 56.5
79 46.6 37.2 55.8

Manual Integrations

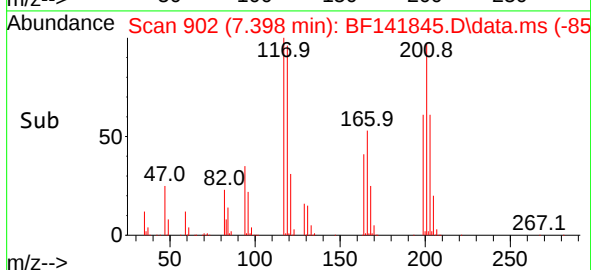
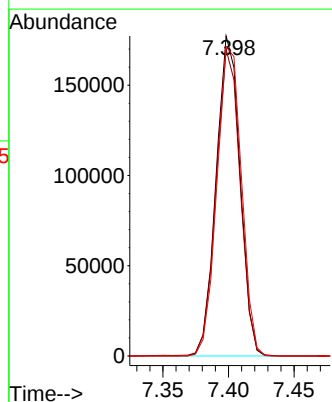
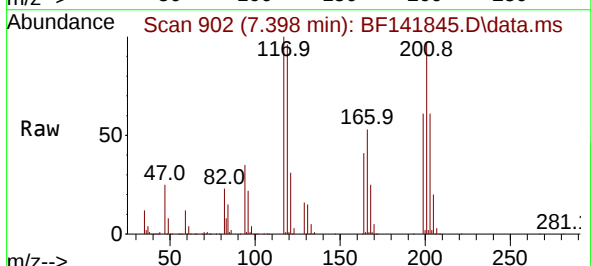
APPROVED

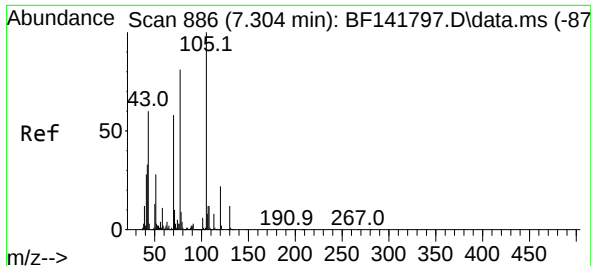
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#18
Hexachloroethane
Concen: 42.859 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:117 Resp: 224314
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 96.6 76.7 115.1





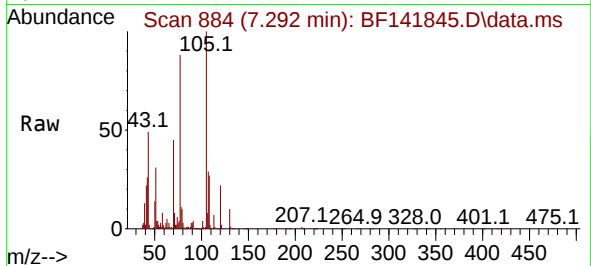
#19
n-Nitroso-di-n-propylamine
Concen: 38.092 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

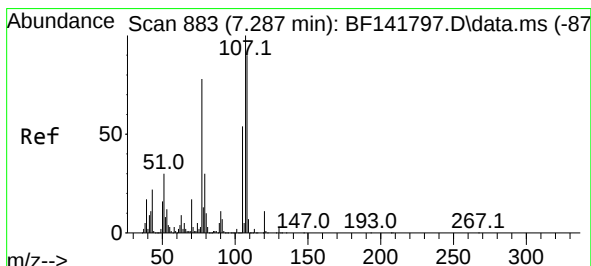
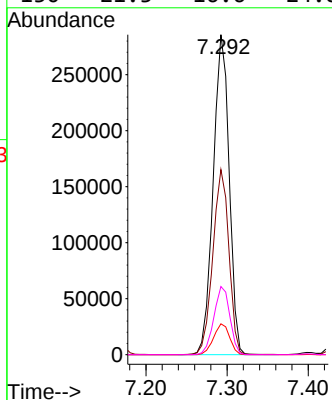
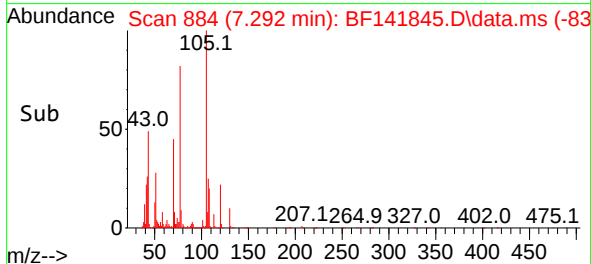


Tgt Ion: 70 Resp: 390439
Ion Ratio Lower Upper
70 100
42 57.8 45.4 68.0
101 9.7 7.8 11.8
130 21.3 16.6 24.8

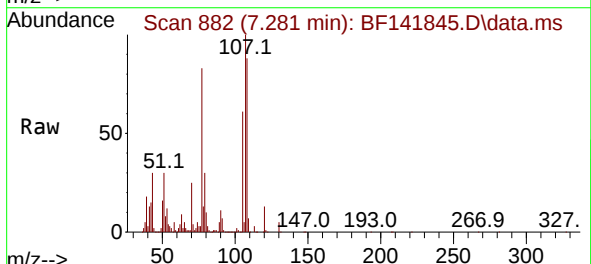
Manual Integrations

APPROVED

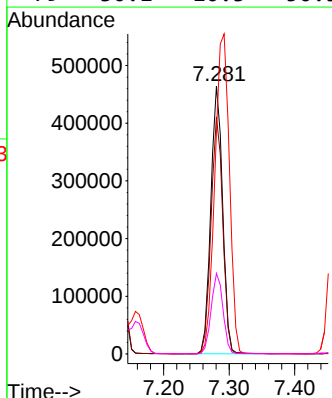
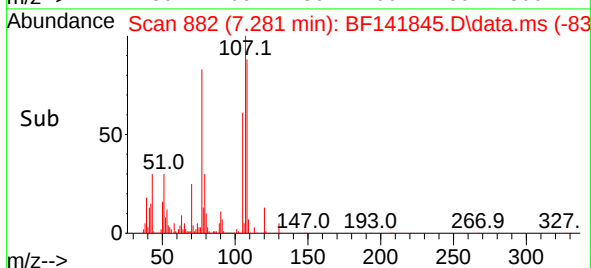
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

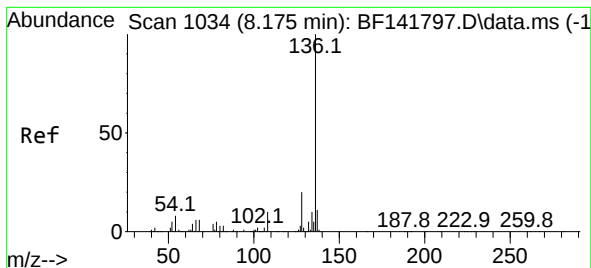


#20
3+4-Methylphenols
Concen: 43.679 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



Tgt Ion:107 Resp: 581786
Ion Ratio Lower Upper
107 100
108 88.5 69.7 109.7
77 82.7 58.3 98.3
79 30.1 10.3 50.3





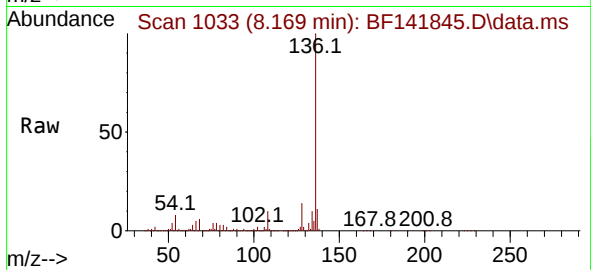
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

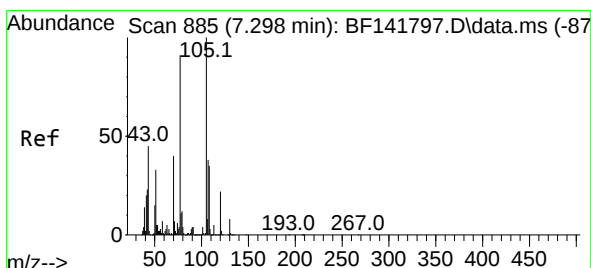
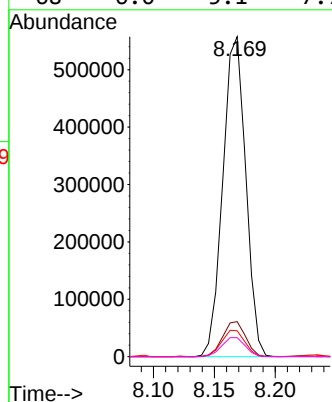
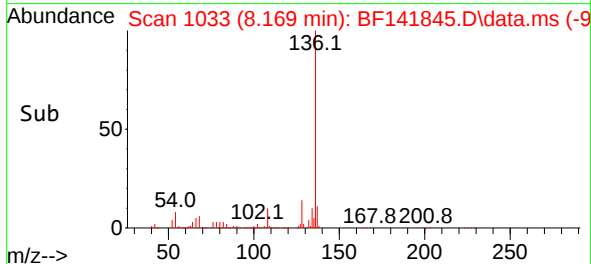


Tgt Ion:136 Resp: 731999
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 6.9 10.3
68 6.0 5.1 7.7

Manual Integrations

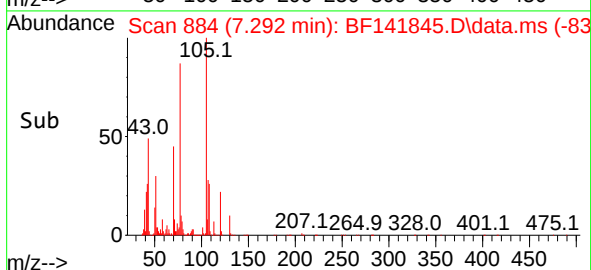
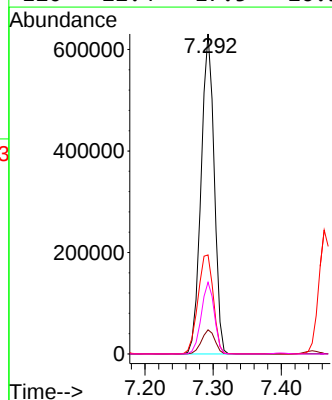
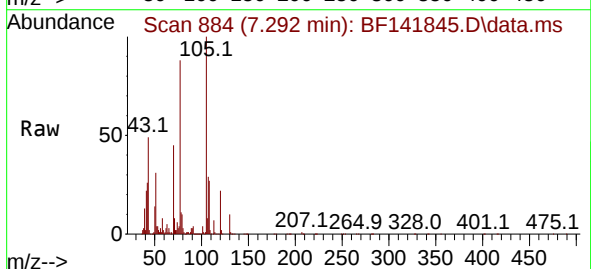
APPROVED

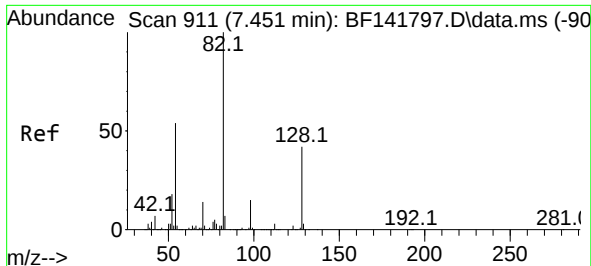
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#22
Acetophenone
Concen: 47.275 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:105 Resp: 842821
Ion Ratio Lower Upper
105 100
71 7.6 5.4 8.0
51 31.0 26.1 39.1
120 22.4 17.5 26.3





#23

Nitrobenzene-d5

Concen: 89.888 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

Tgt Ion: 82 Resp: 1029379

Ion Ratio Lower Upper

82 100

128 44.3 33.5 50.3

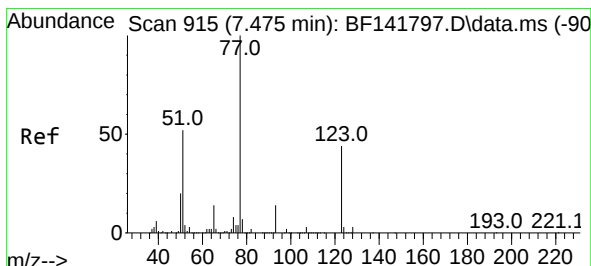
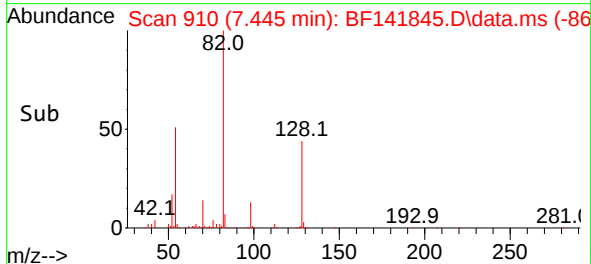
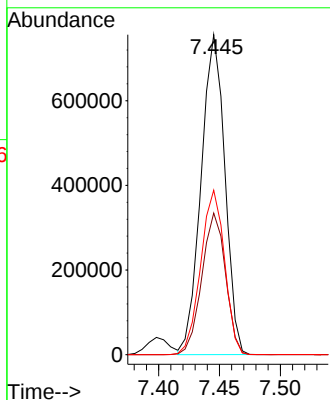
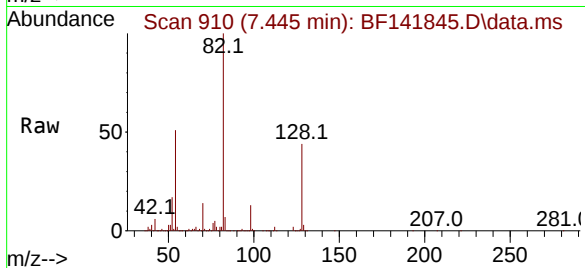
54 51.4 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025



#24

Nitrobenzene

Concen: 48.826 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

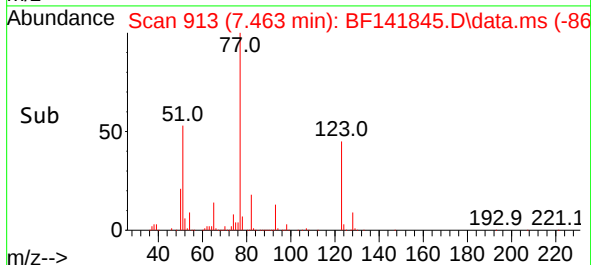
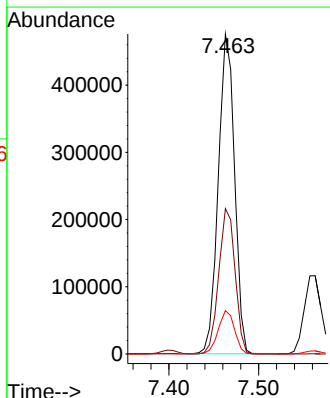
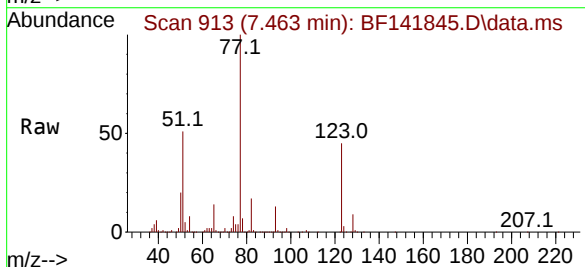
Tgt Ion: 77 Resp: 598766

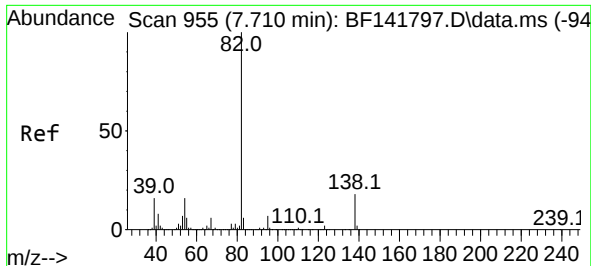
Ion Ratio Lower Upper

77 100

123 45.4 35.8 53.8

65 13.5 11.2 16.8





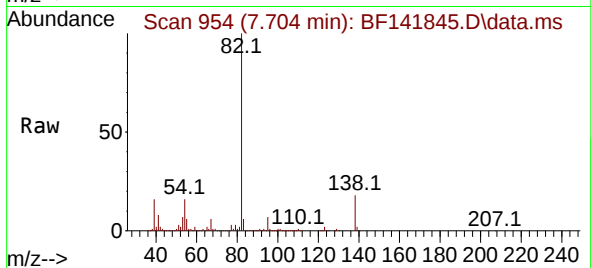
#25
Isophorone
Concen: 42.481 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

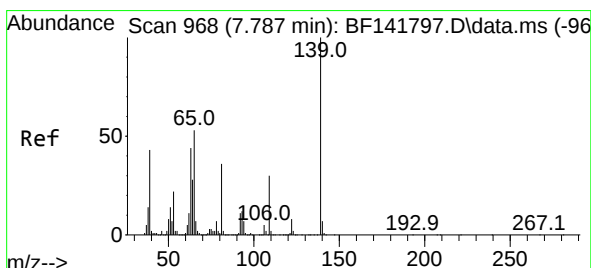
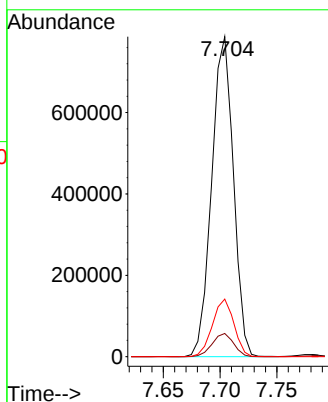
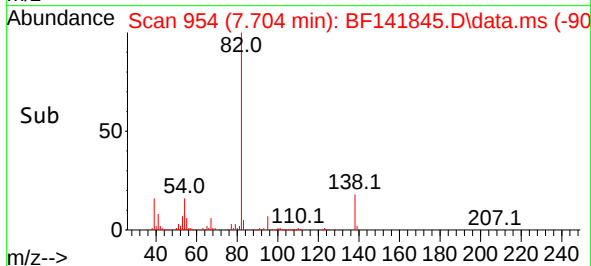


Tgt Ion: 82 Resp: 1045129
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 18.0 14.0 21.0

Manual Integrations

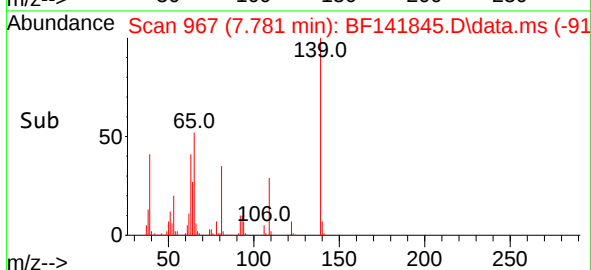
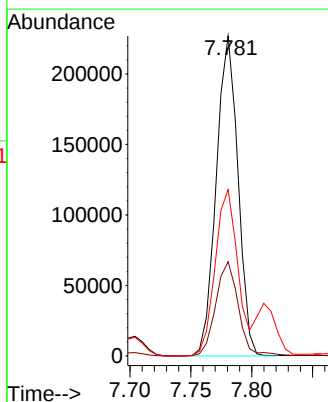
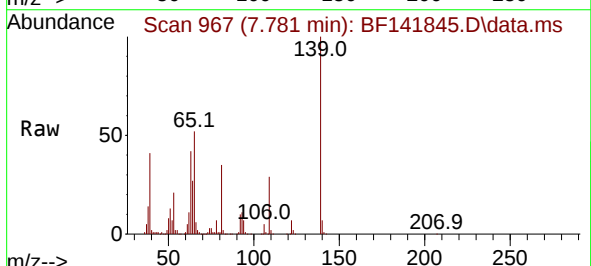
APPROVED

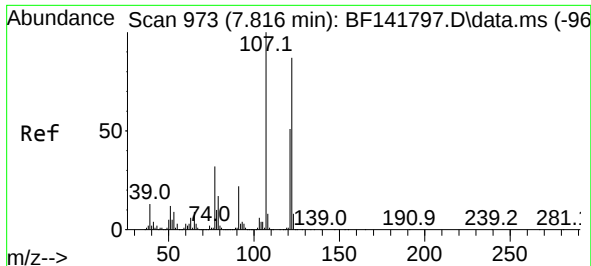
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#26
2-Nitrophenol
Concen: 51.099 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:139 Resp: 281708
Ion Ratio Lower Upper
139 100
109 29.4 24.1 36.1
65 52.0 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 53.613 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141845.D

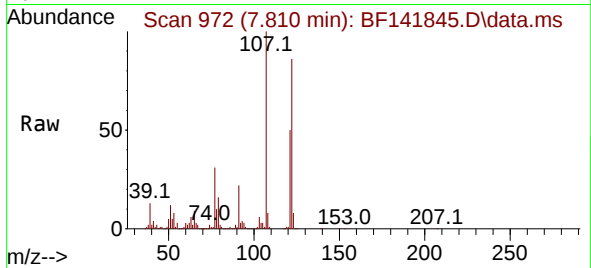
Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD



Tgt Ion:122 Resp: 484864

Ion Ratio Lower Upper

122 100

107 116.7 92.5 138.7

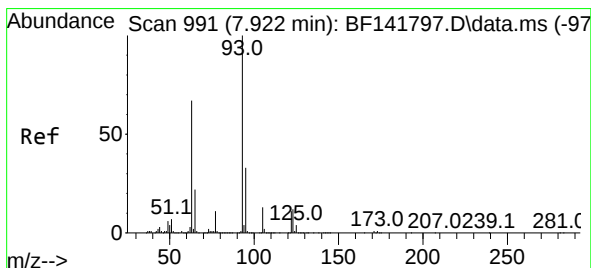
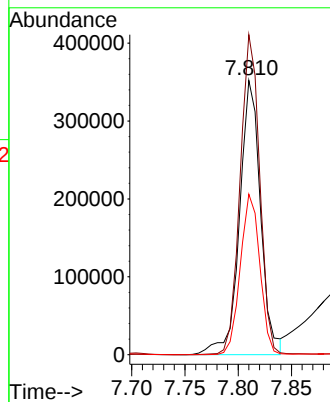
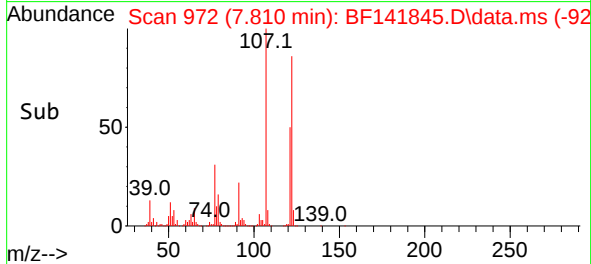
121 58.5 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 39.625 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

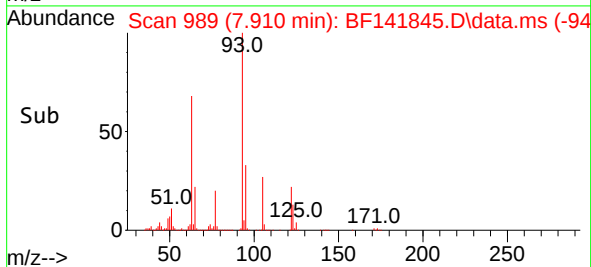
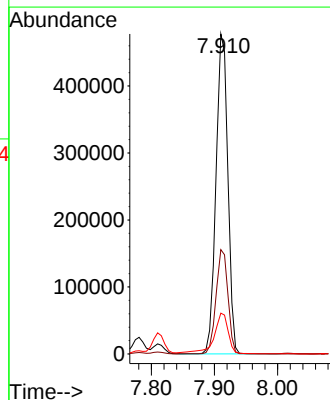
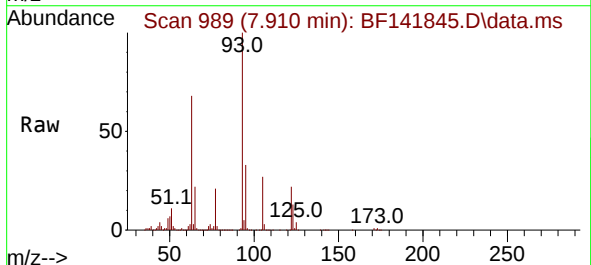
Tgt Ion: 93 Resp: 621875

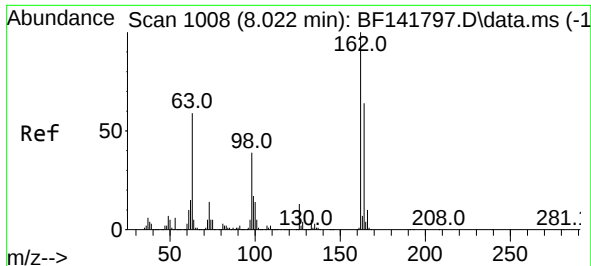
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 12.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 43.378 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

Tgt Ion:162 Resp: 452560

Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

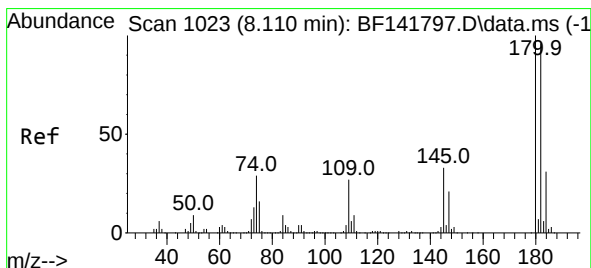
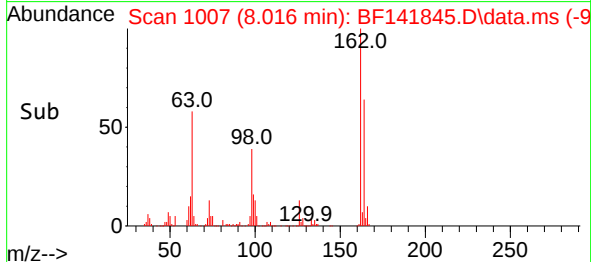
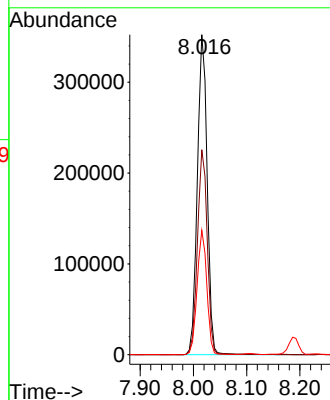
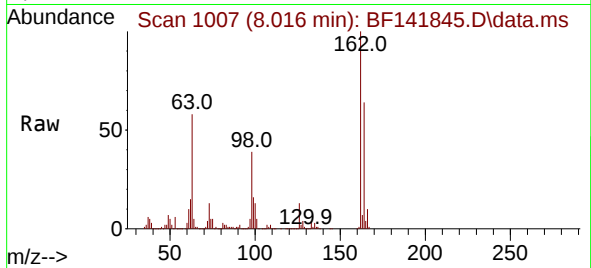
98 38.9 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.300 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

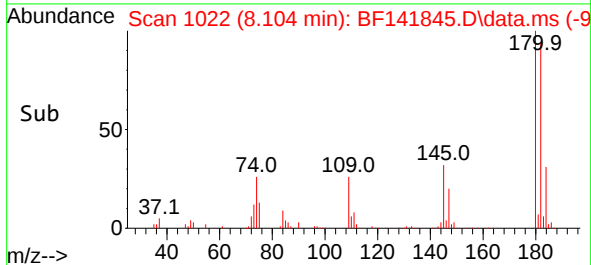
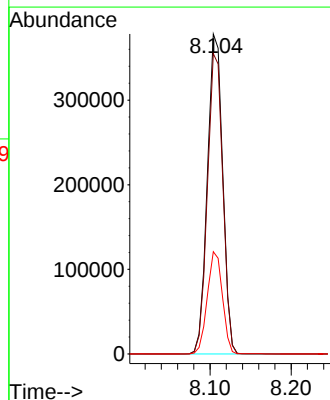
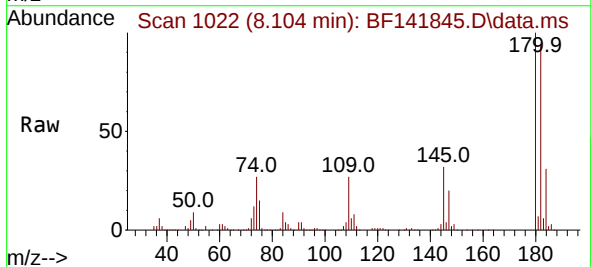
Tgt Ion:180 Resp: 495020

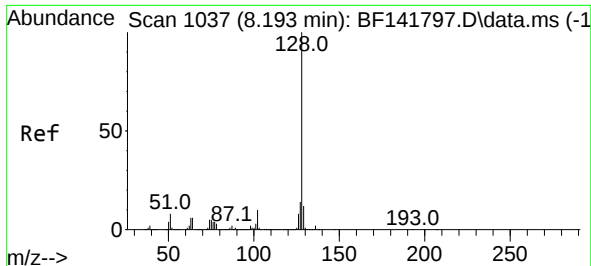
Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

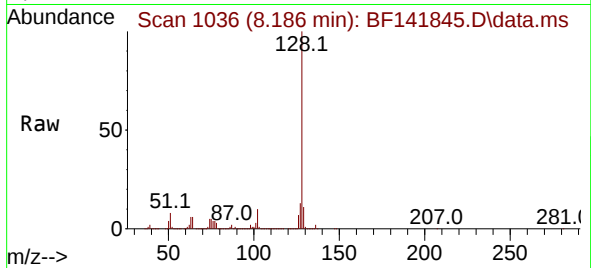
145 32.0 26.4 39.6





#31
Naphthalene
Concen: 42.475 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

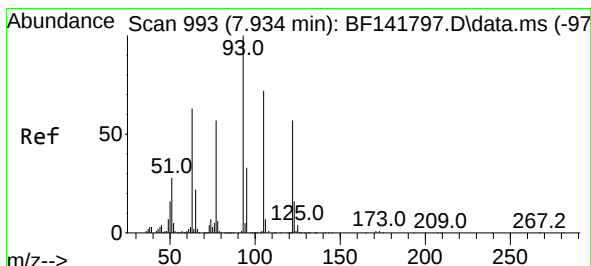
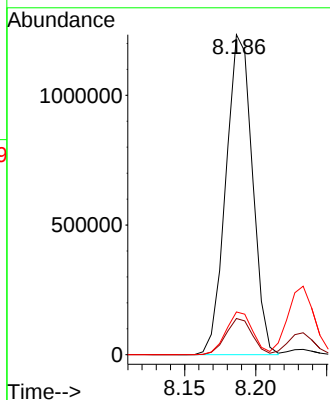
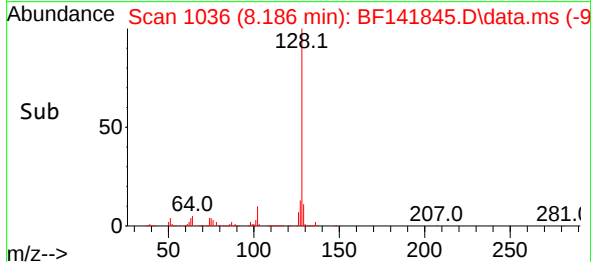
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



Tgt Ion:128 Resp: 1597999
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.4 11.0 16.4

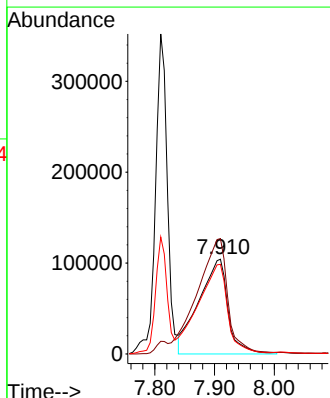
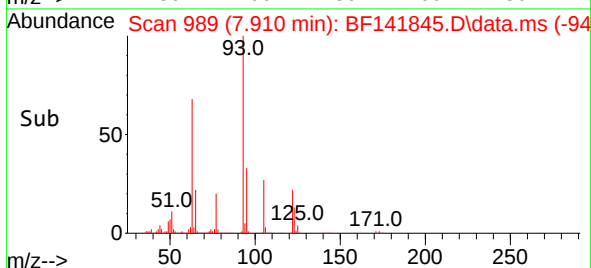
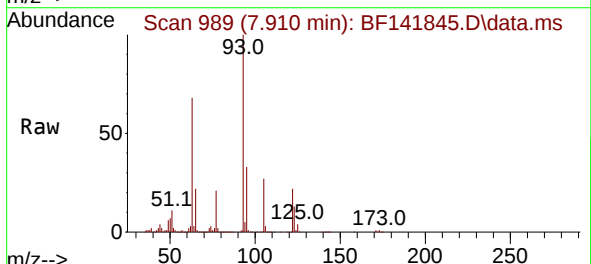
Manual Integrations
APPROVED

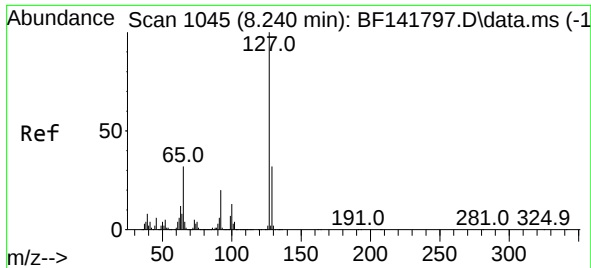
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#32
Benzoic acid
Concen: 47.372 ng m
RT: 7.910 min Scan# 989
Delta R.T. -0.024 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:122 Resp: 356667
Ion Ratio Lower Upper
122 100
105 121.9 105.8 145.8
77 94.6 79.9 119.9





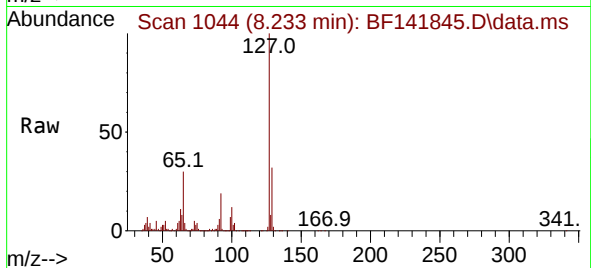
#33
4-Chloroaniline
Concen: 25.186 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

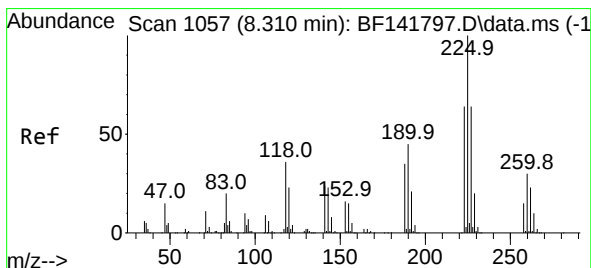
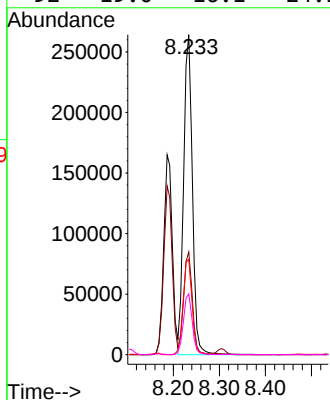
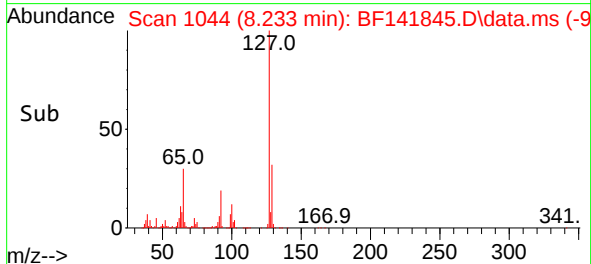


Tgt Ion:127 Resp: 347428
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1
65 29.8 25.7 38.5
92 19.0 16.1 24.1

Manual Integrations

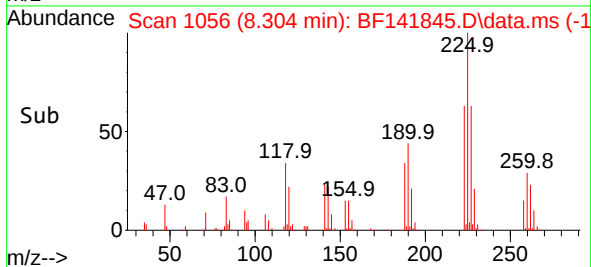
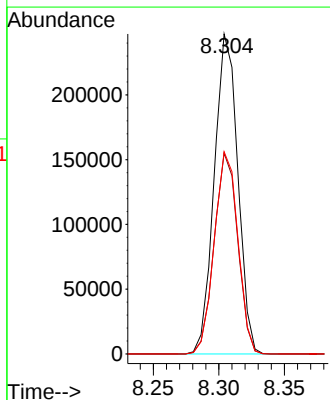
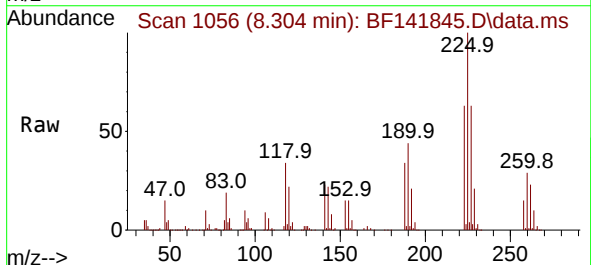
APPROVED

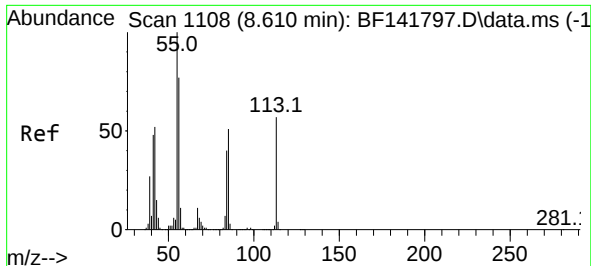
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#34
Hexachlorobutadiene
Concen: 43.322 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

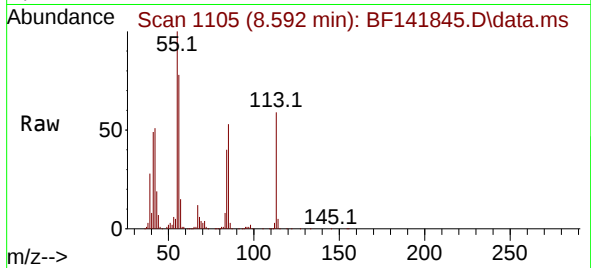
Tgt Ion:225 Resp: 307767
Ion Ratio Lower Upper
225 100
223 62.8 51.4 77.2
227 63.2 51.6 77.4





#35
Caprolactam
Concen: 51.613 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.018 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

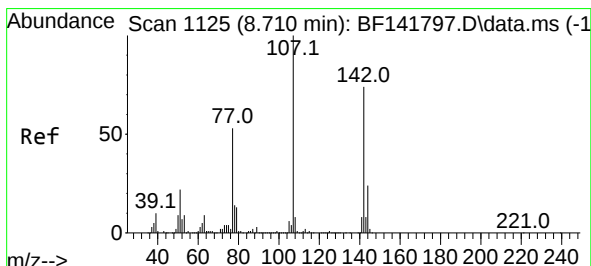
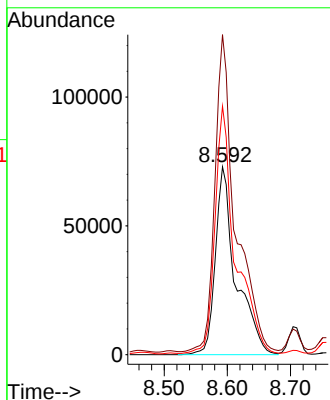
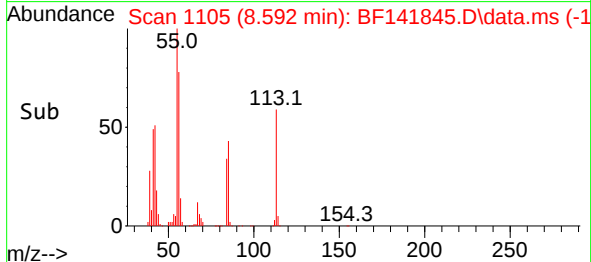
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



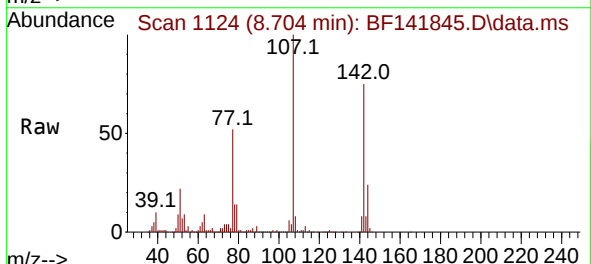
Tgt Ion:113 Resp: 165650
Ion Ratio Lower Upper
113 100
55 170.4 155.6 195.6
56 132.3 114.6 154.6

Manual Integrations
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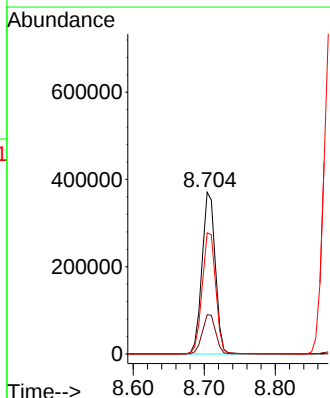
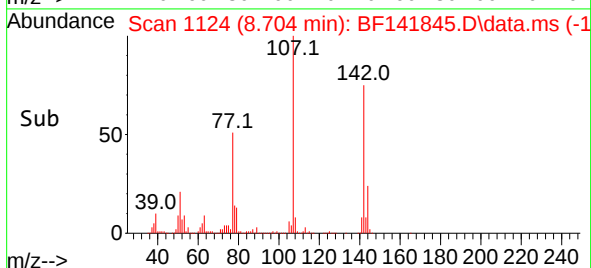
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

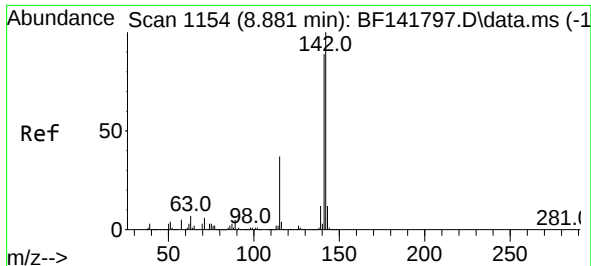


#36
4-Chloro-3-methylphenol
Concen: 41.874 ng
RT: 8.704 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



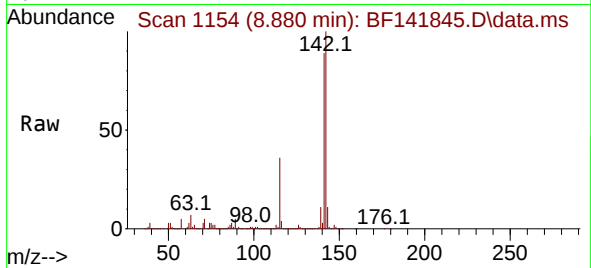
Tgt Ion:107 Resp: 485311
Ion Ratio Lower Upper
107 100
144 24.2 19.4 29.0
142 74.9 59.4 89.0





#37
2-Methylnaphthalene
Concen: 39.744 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

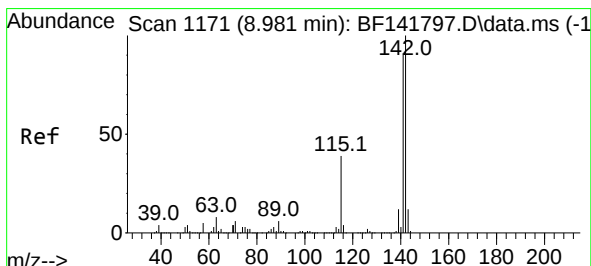
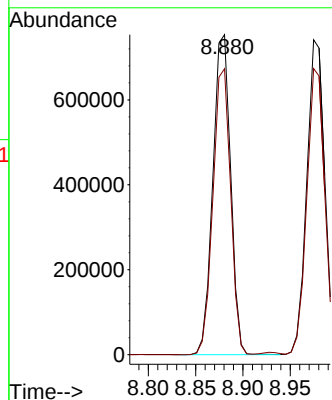
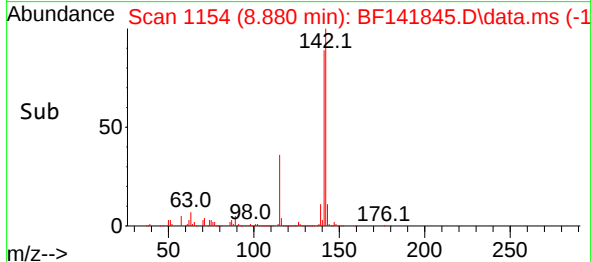
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



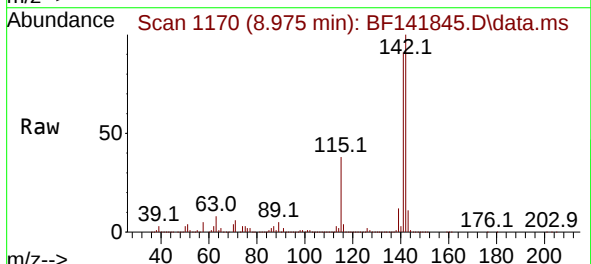
Tgt Ion:142 Resp: 98075
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7

Manual Integrations
APPROVED

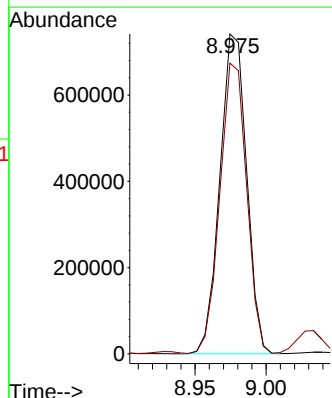
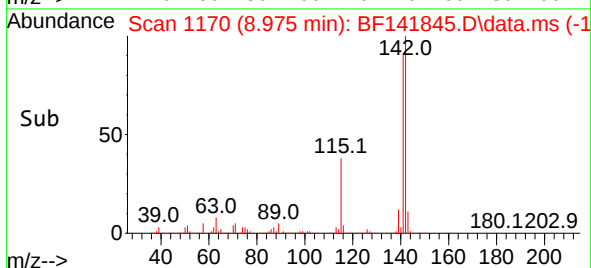
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

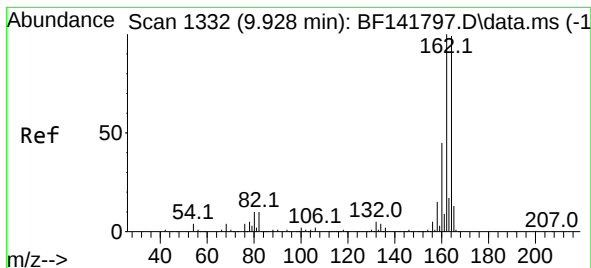


#38
1-Methylnaphthalene
Concen: 40.974 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



Tgt Ion:142 Resp: 970185
Ion Ratio Lower Upper
142 100
141 90.9 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF141845.D

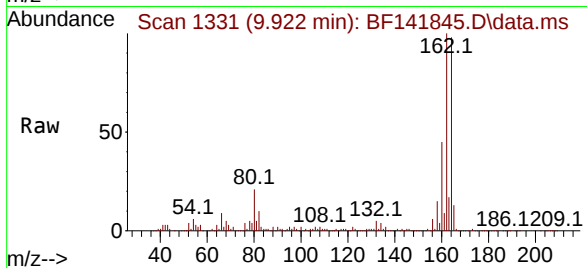
Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD



Tgt Ion:164 Resp: 36723

Ion Ratio Lower Upper

164 100

162 102.5 80.6 120.8

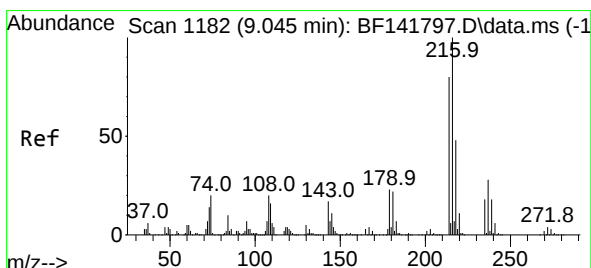
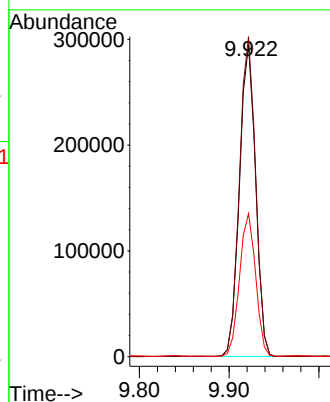
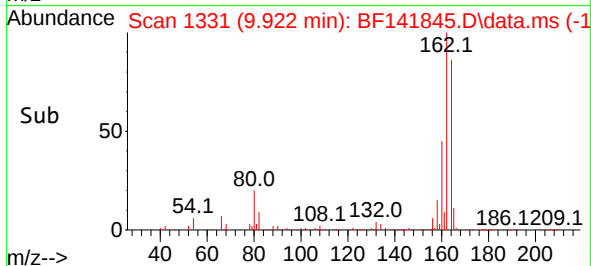
160 45.8 36.3 54.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.478 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Tgt Ion:216 Resp: 524773

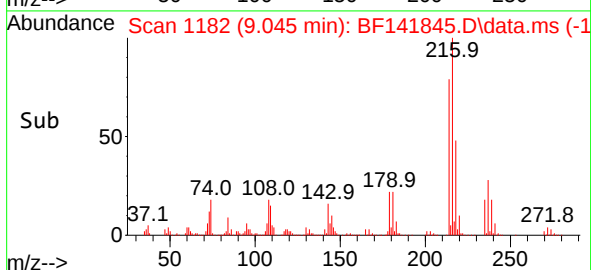
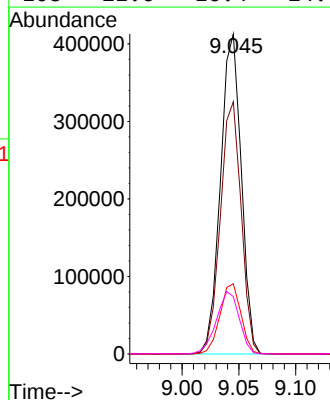
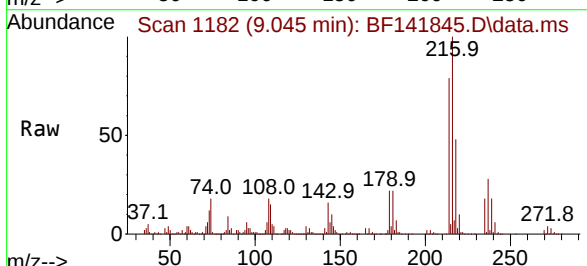
Ion Ratio Lower Upper

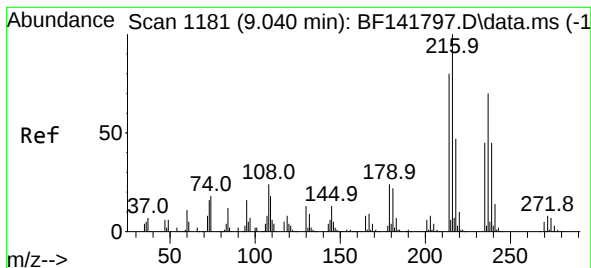
216 100

214 78.9 63.5 95.3

179 22.3 18.1 27.1

108 21.6 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 128.474 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

Tgt Ion:237 Resp: 568650

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

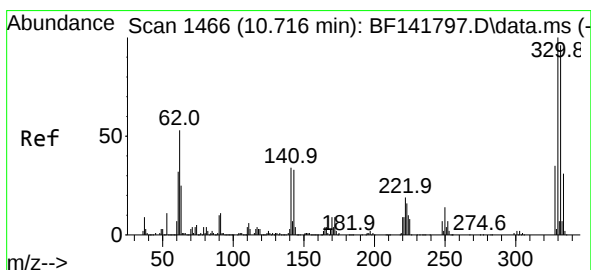
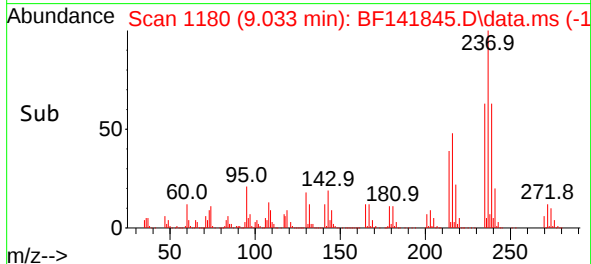
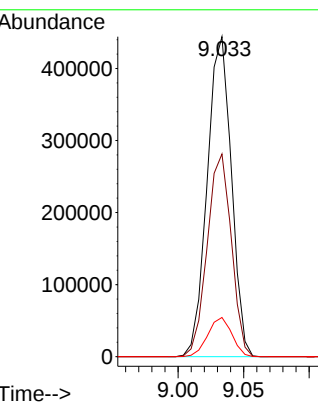
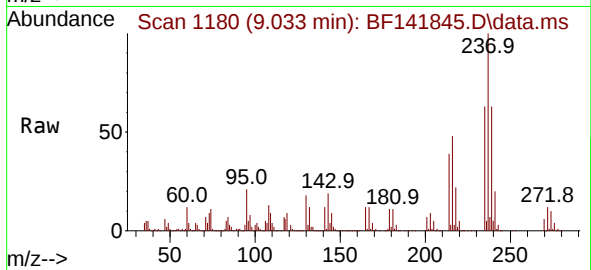
272 12.2 0.0 31.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025



#42

2,4,6-Tribromophenol

Concen: 116.878 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

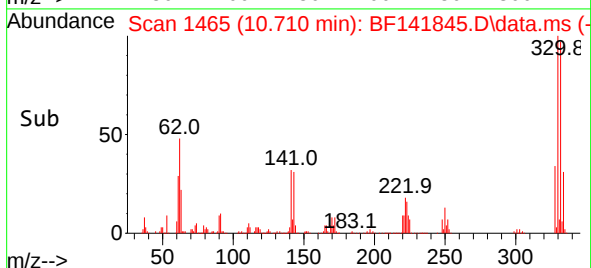
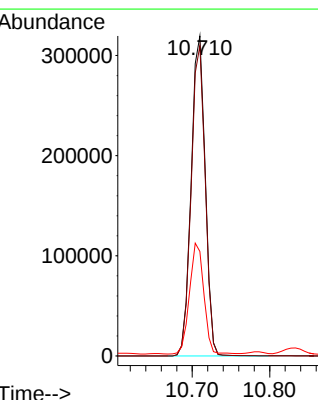
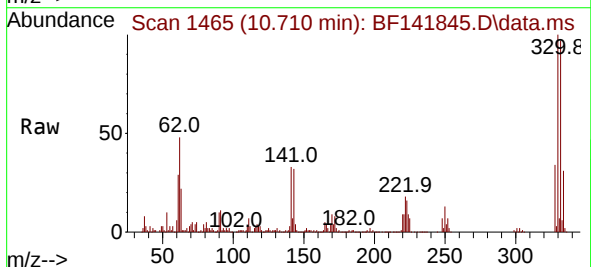
Tgt Ion:330 Resp: 402954

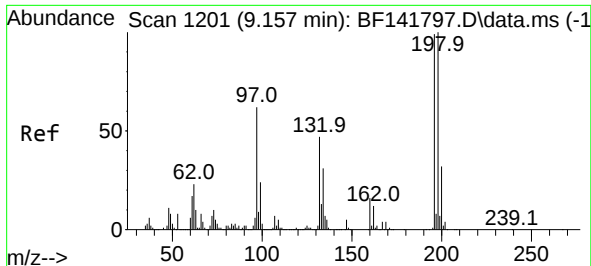
Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

141 35.2 29.0 43.4





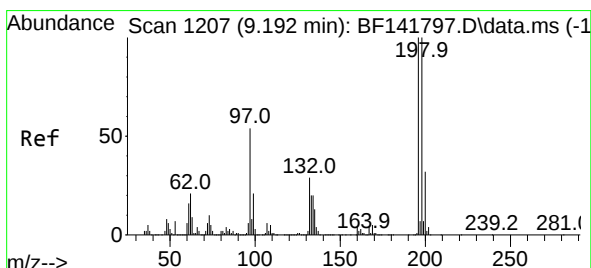
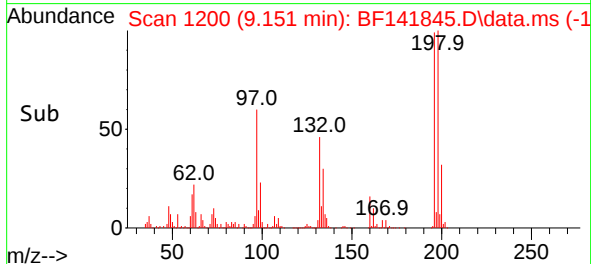
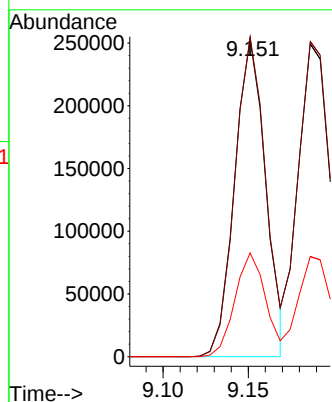
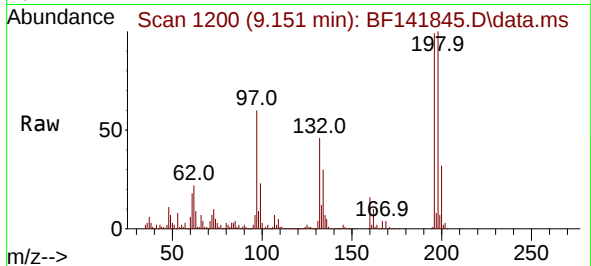
#43
2,4,6-Trichlorophenol
Concen: 46.755 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

Tgt Ion:196 Resp: 32032
Ion Ratio Lower Upper
196 100
198 100.8 80.4 120.6
200 32.7 25.7 38.5

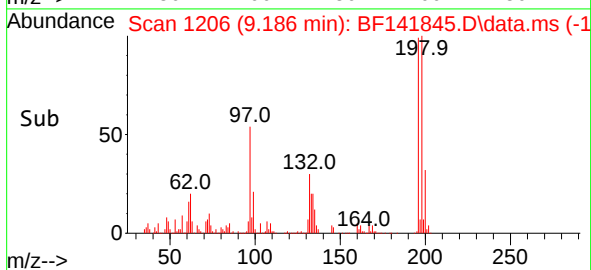
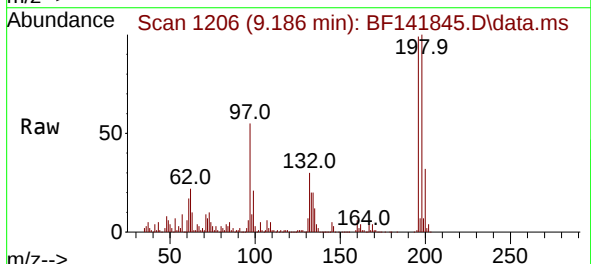
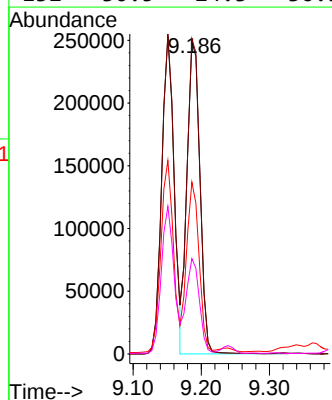
Manual Integrations
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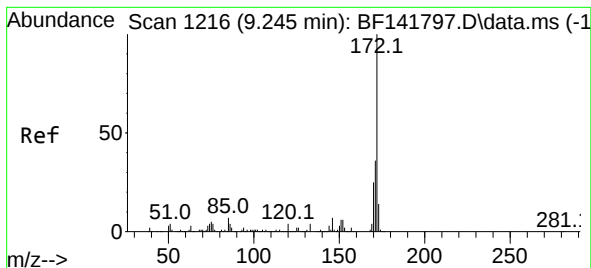
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#44
2,4,5-Trichlorophenol
Concen: 48.135 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:196 Resp: 326554
Ion Ratio Lower Upper
196 100
198 100.7 79.7 119.5
97 54.9 44.2 66.2
132 30.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 75.048 ng

RT: 9.239 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

Tgt Ion:172 Resp: 1718790

Ion Ratio Lower Upper

172 100

171 35.5 29.2 43.8

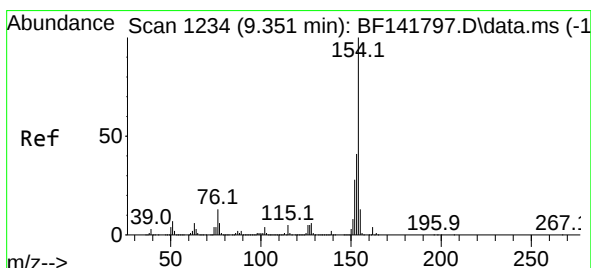
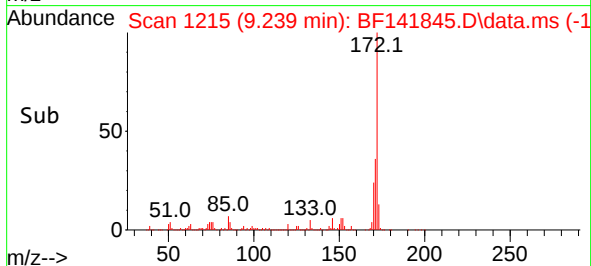
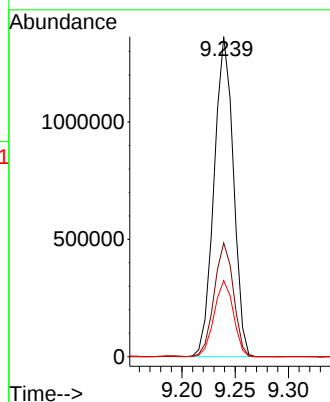
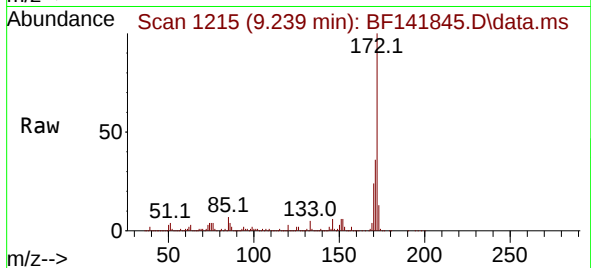
170 23.8 19.7 29.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025



#46

1,1'-Biphenyl

Concen: 49.416 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

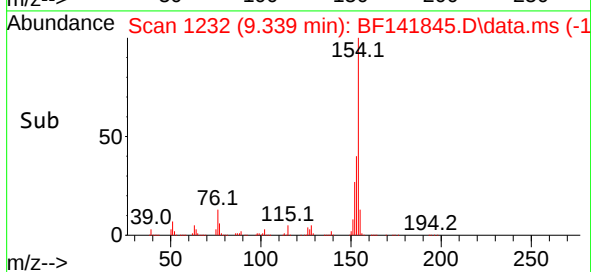
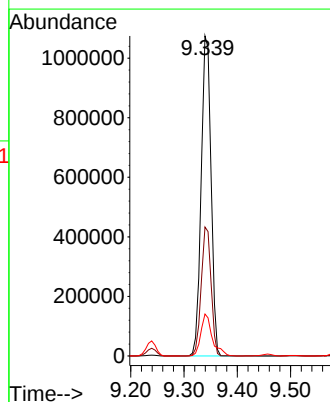
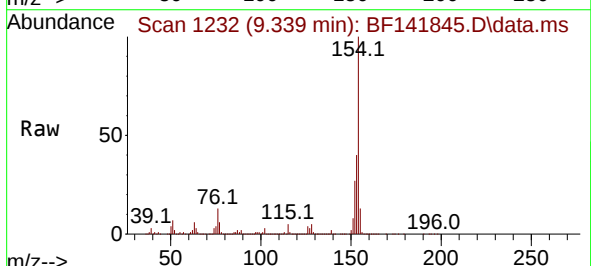
Tgt Ion:154 Resp: 1381301

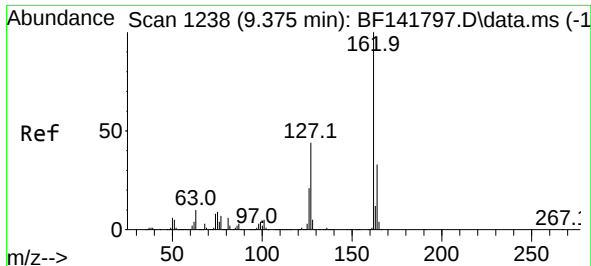
Ion Ratio Lower Upper

154 100

153 40.3 21.4 61.4

76 13.1 0.0 33.4





#47

2-Chloronaphthalene

Concen: 45.529 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

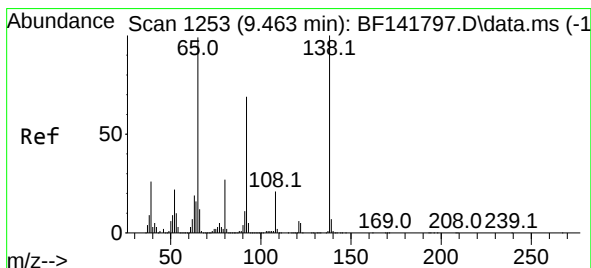
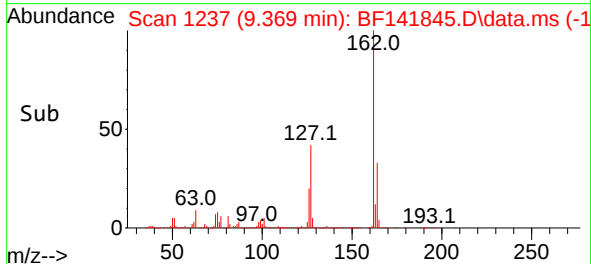
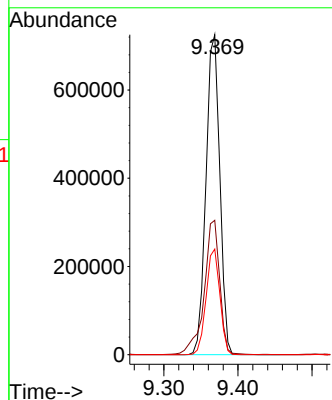
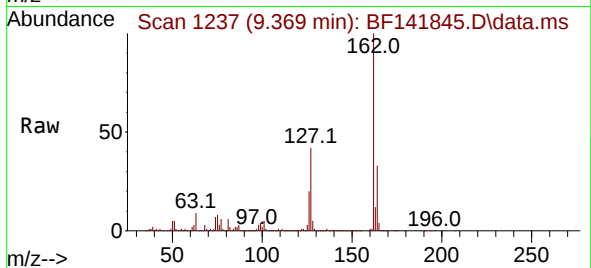
DN-B-42MSD

Tgt Ion:162 Resp: 93930
 Ion Ratio Lower Upper
 162 100
 127 42.0 35.0 52.6
 164 33.0 26.6 40.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025



#48

2-Nitroaniline

Concen: 52.958 ng

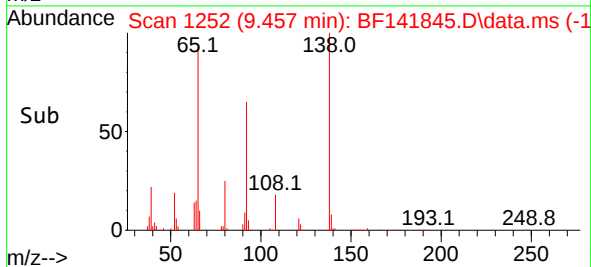
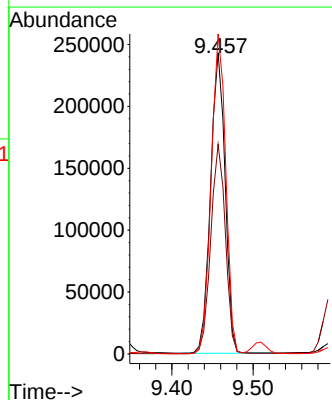
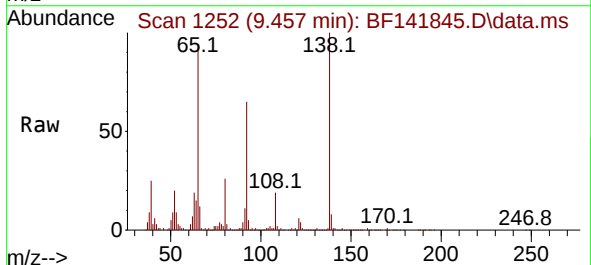
RT: 9.457 min Scan# 1252

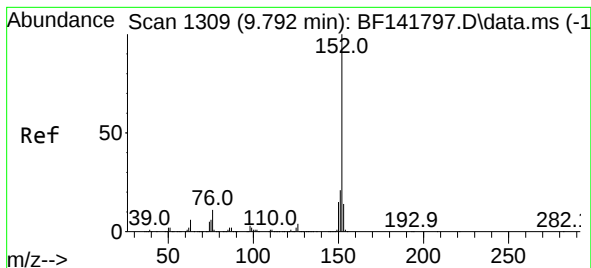
Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Tgt Ion: 65 Resp: 301849
 Ion Ratio Lower Upper
 65 100
 92 69.6 55.7 83.5
 138 106.2 80.6 121.0





#49

Acenaphthylene

Concen: 46.713 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

Tgt Ion:152 Resp: 1444944

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

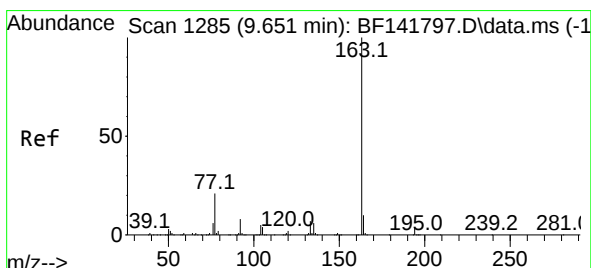
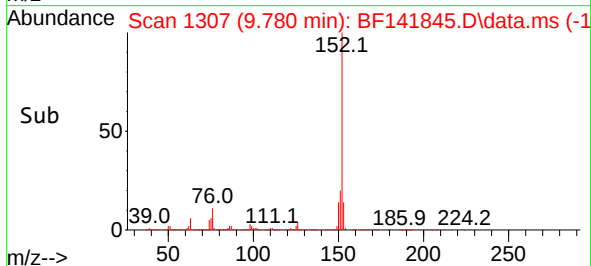
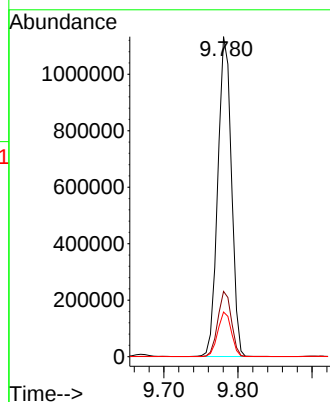
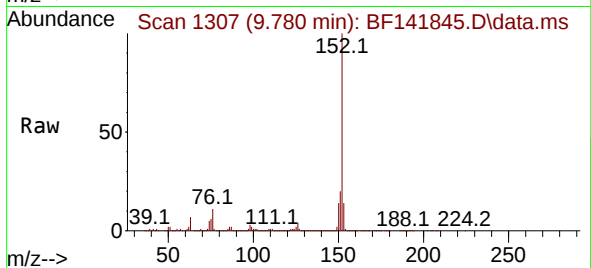
153 14.0 11.2 16.8

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Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025



#50

Dimethylphthalate

Concen: 43.481 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

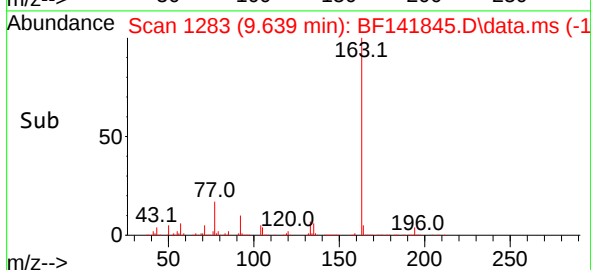
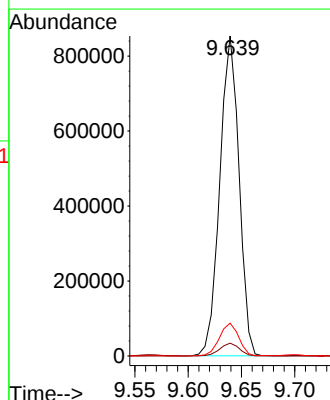
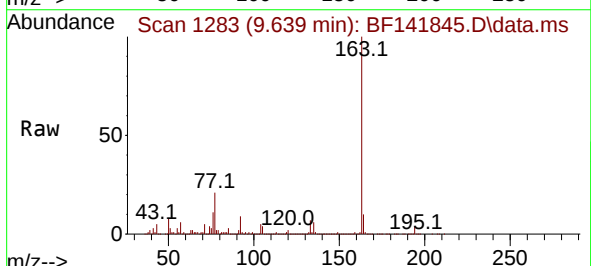
Tgt Ion:163 Resp: 1069323

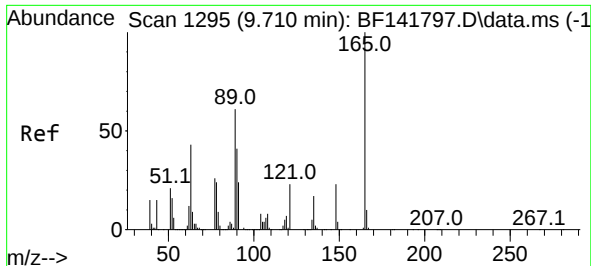
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 49.987 ng

RT: 9.698 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

Tgt Ion:165 Resp: 235758

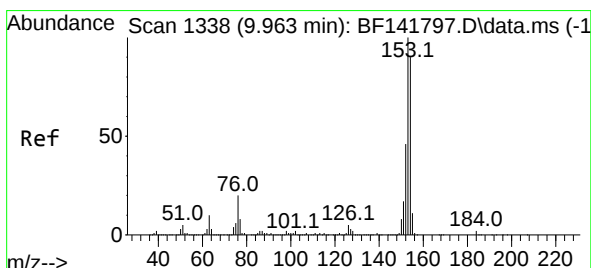
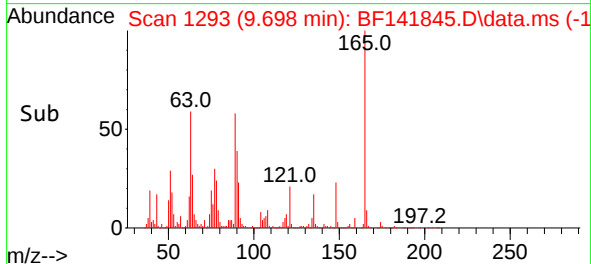
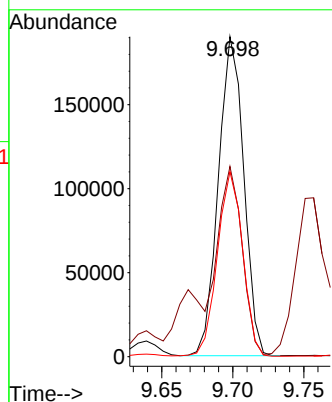
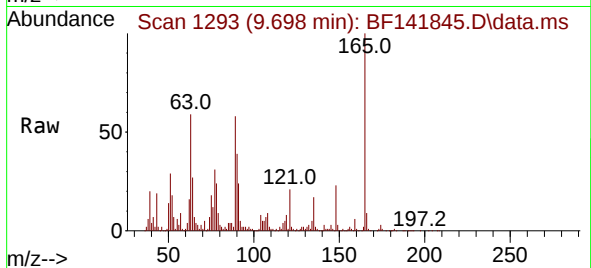
Ion	Ratio	Lower	Upper
165	100		
63	59.4	49.5	74.3
89	57.8	49.0	73.4

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Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025



#52

Acenaphthene

Concen: 46.974 ng

RT: 9.957 min Scan# 1337

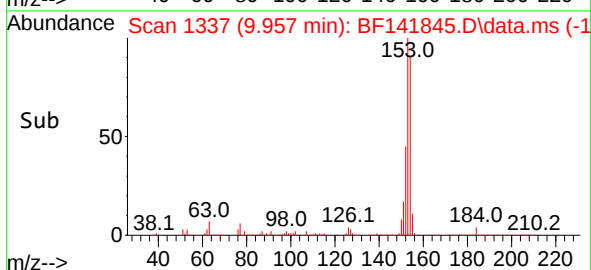
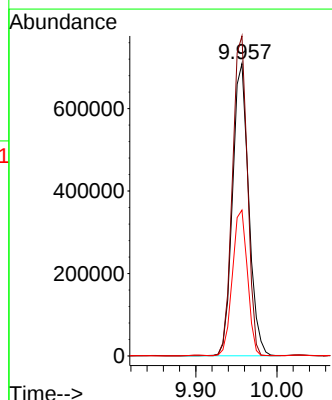
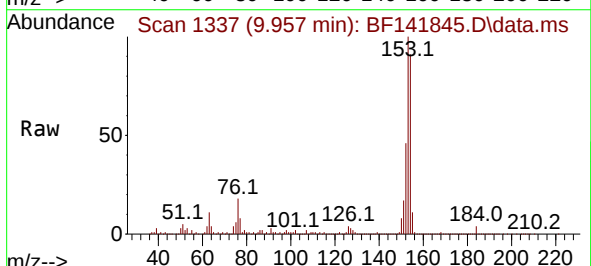
Delta R.T. -0.006 min

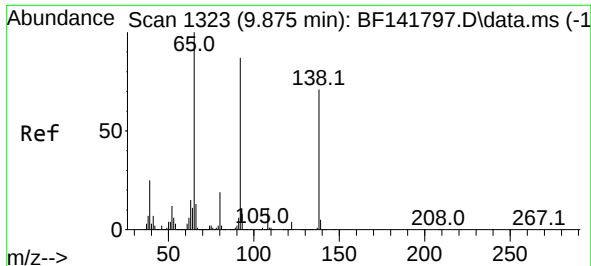
Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Tgt Ion:154 Resp: 980429

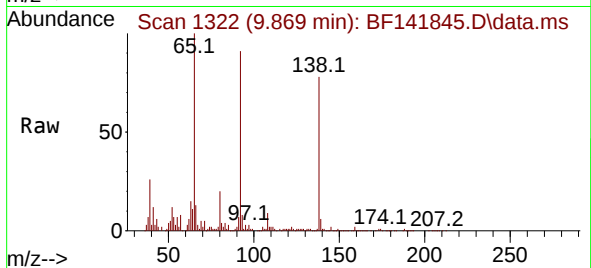
Ion	Ratio	Lower	Upper
154	100		
153	109.5	88.7	133.1
152	49.9	40.9	61.3





#53
3-Nitroaniline
Concen: 36.508 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

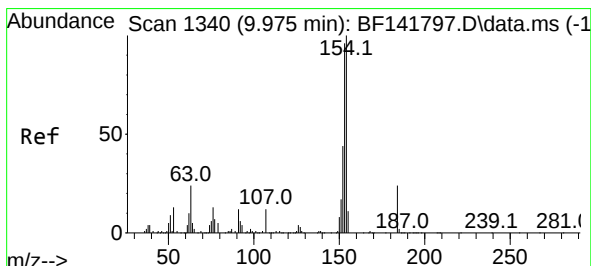
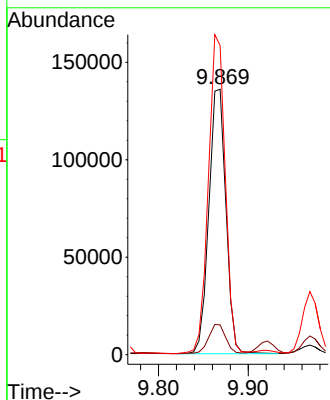
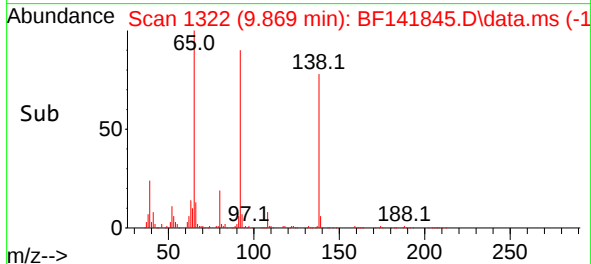
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



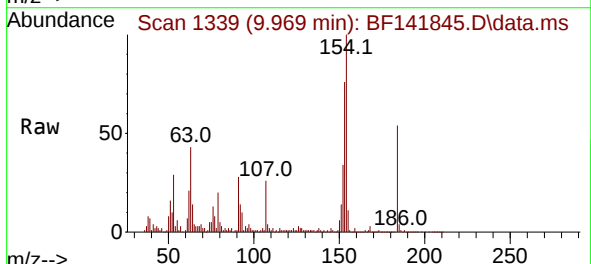
Tgt Ion:138 Resp: 179158
Ion Ratio Lower Upper
138 100
108 11.2 12.7 19.1
92 116.4 97.9 146.9

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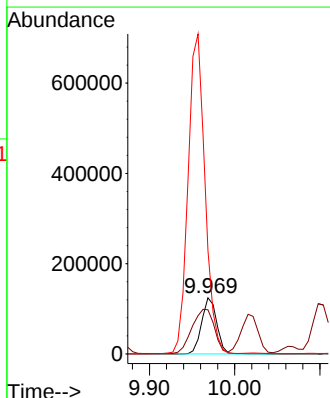
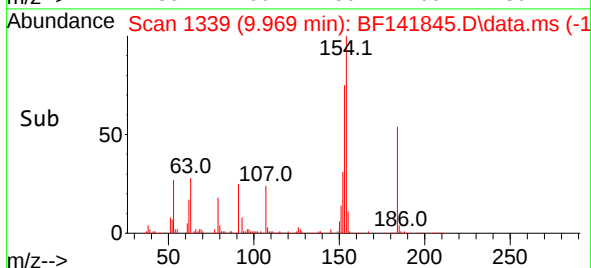
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

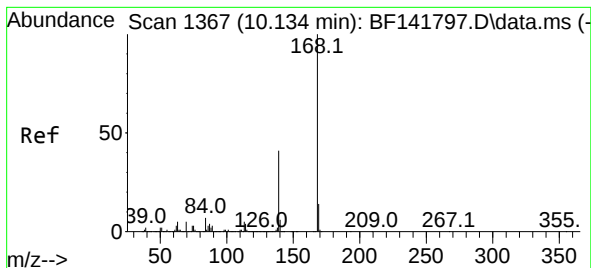


#54
2,4-Dinitrophenol
Concen: 73.318 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



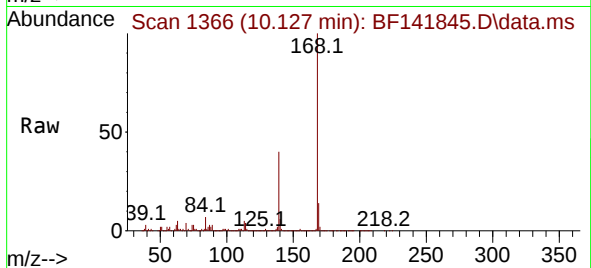
Tgt Ion:184 Resp: 153518
Ion Ratio Lower Upper
184 100
63 78.6 79.0 118.6#
154 184.3 335.8 503.8#





#55
Dibenzenofuran
Concen: 42.456 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

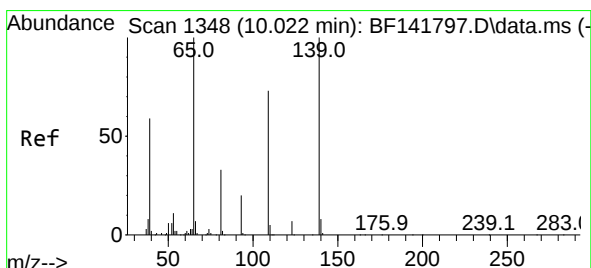
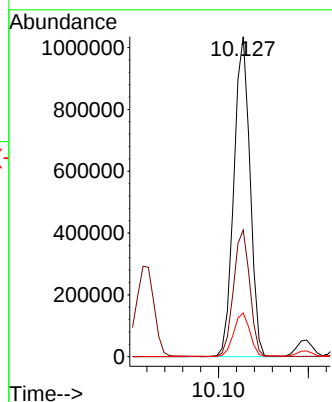
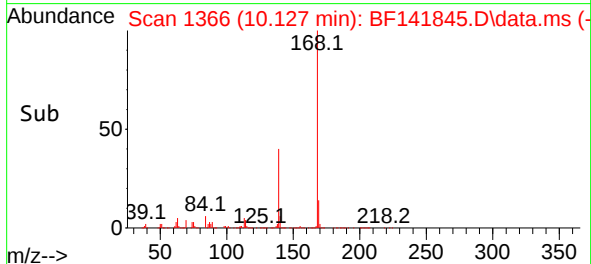
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



Tgt Ion:168 Resp: 128975
Ion Ratio Lower Upper
168 100
139 39.6 32.9 49.3
169 13.7 11.1 16.7

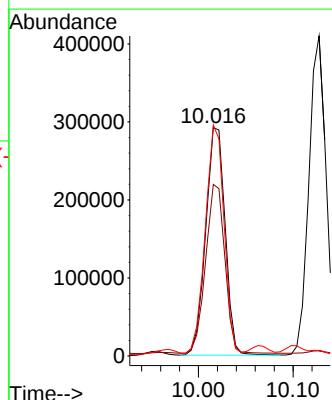
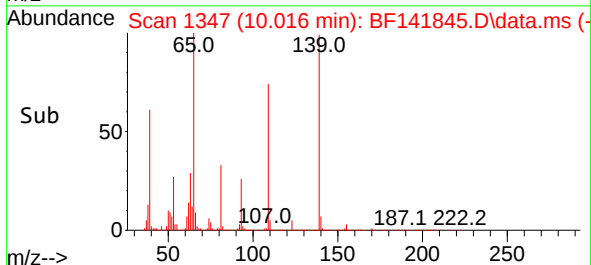
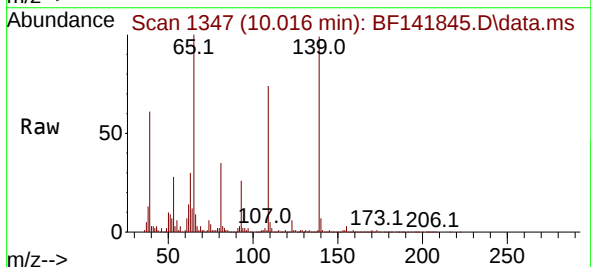
Manual Integrations
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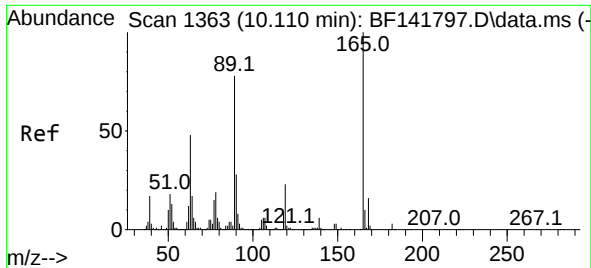
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#56
4-Nitrophenol
Concen: 114.125 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:139 Resp: 414529
Ion Ratio Lower Upper
139 100
109 75.1 53.4 93.4
65 101.2 82.1 122.1





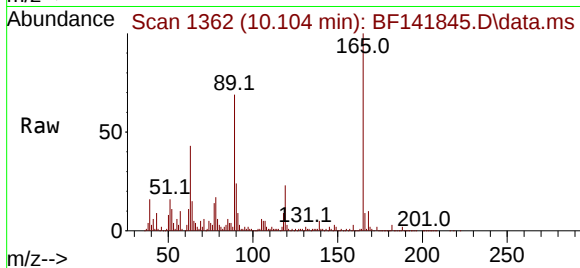
#57
2,4-Dinitrotoluene
Concen: 55.621 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

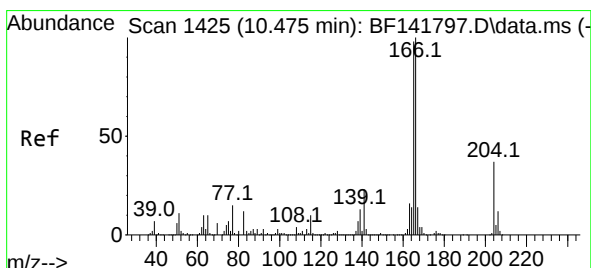
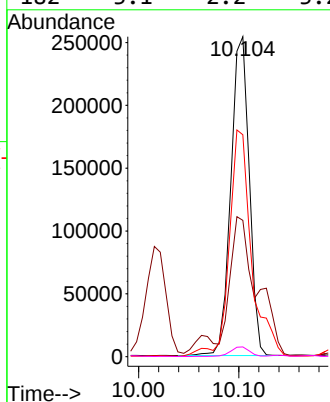
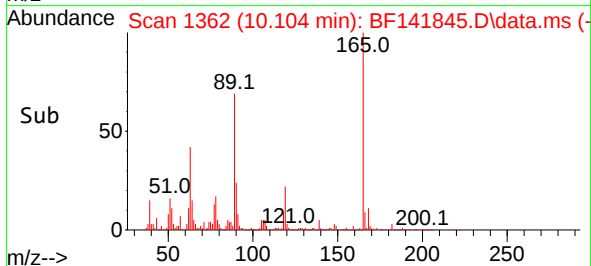


Tgt Ion:165 Resp: 32309
Ion Ratio Lower Upper
165 100
63 42.6 38.8 58.2
89 69.4 62.6 94.0
182 3.1 2.2 3.2

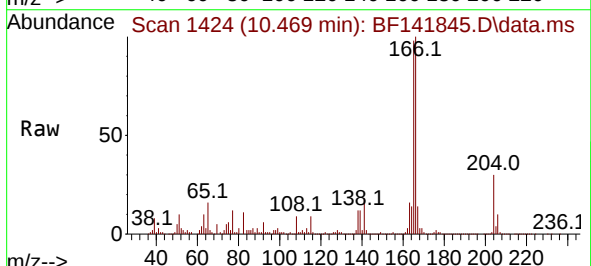
Manual Integrations

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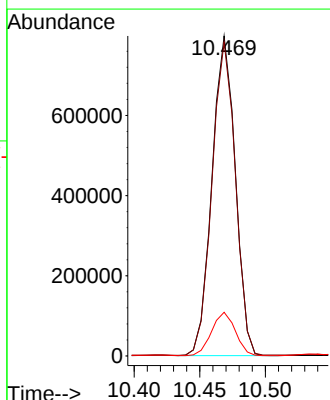
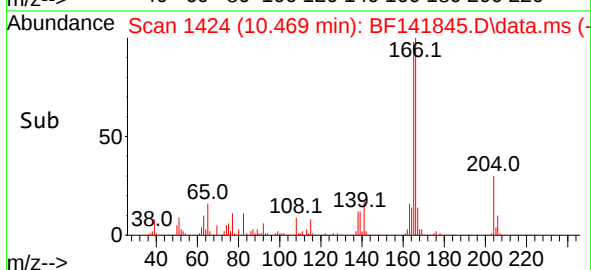
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

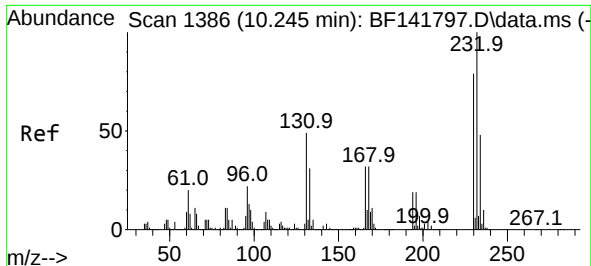


#58
Fluorene
Concen: 43.363 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



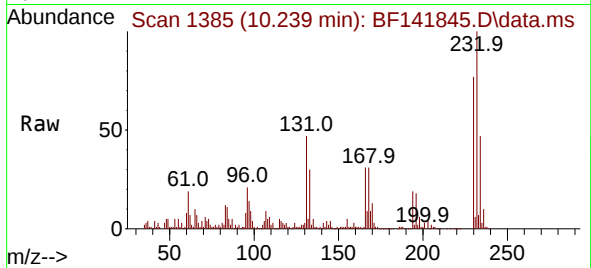
Tgt Ion:166 Resp: 986733
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.723 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

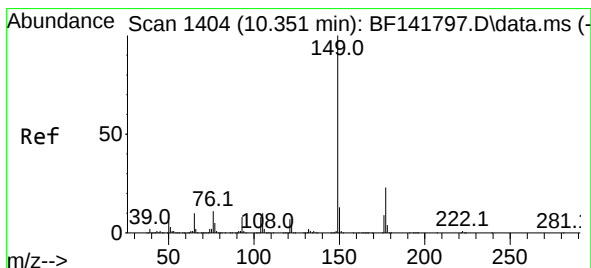
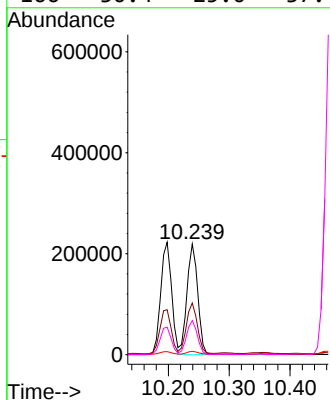
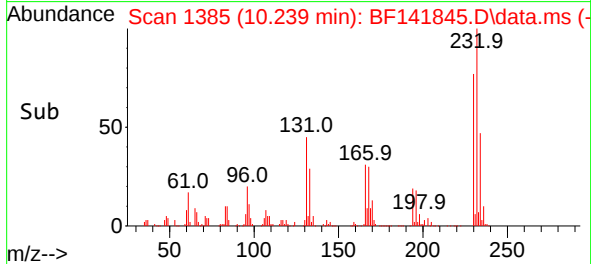
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



Tgt Ion:232 Resp: 269771
Ion Ratio Lower Upper
232 100
131 45.8 37.8 56.8
130 2.8 2.0 3.0
166 30.4 25.0 37.4

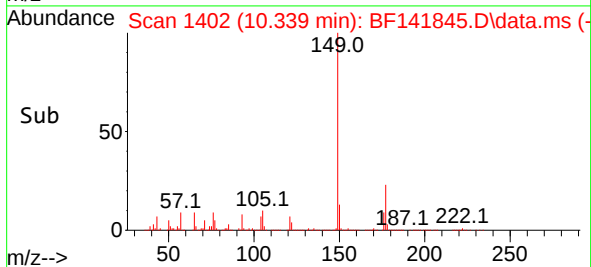
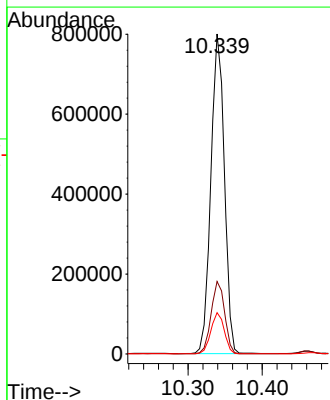
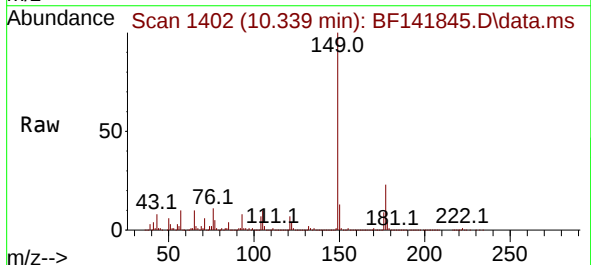
Manual Integrations
APPROVED

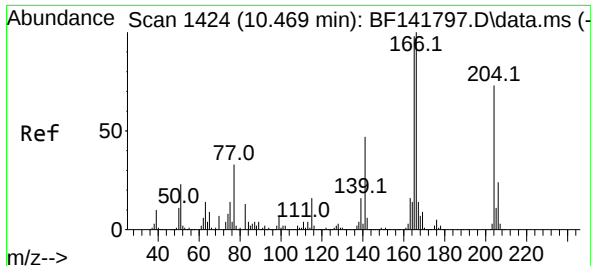
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#60
Diethylphthalate
Concen: 40.990 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

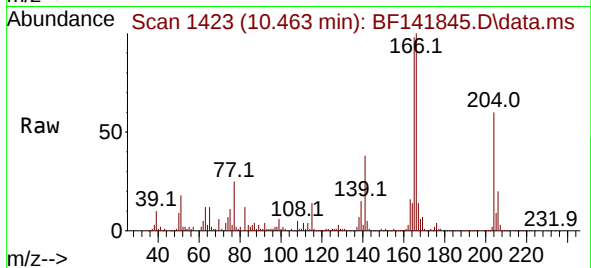
Tgt Ion:149 Resp: 1010574
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.9 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 42.302 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

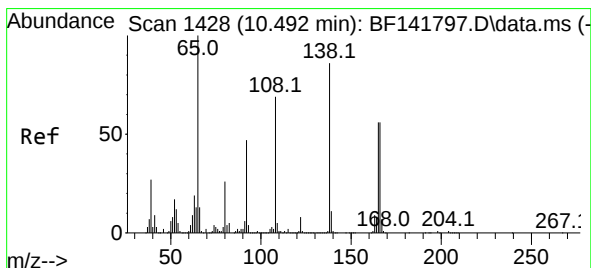
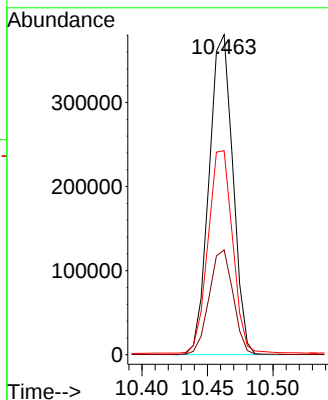
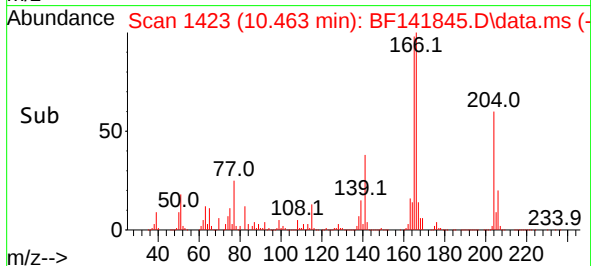
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



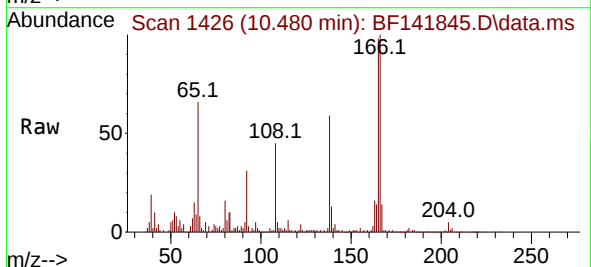
Tgt Ion:204 Resp: 482285
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 63.7 51.7 77.5

Manual Integrations
APPROVED

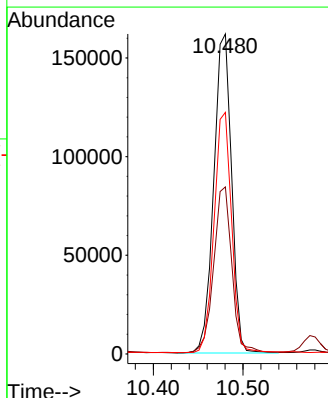
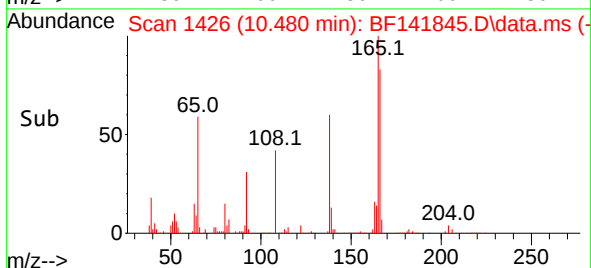
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

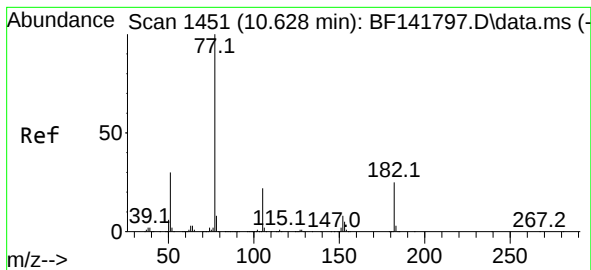


#62
4-Nitroaniline
Concen: 52.977 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



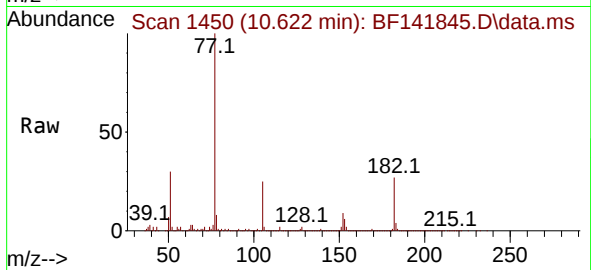
Tgt Ion:138 Resp: 222496
Ion Ratio Lower Upper
138 100
92 52.2 34.9 74.9
108 75.5 59.6 99.6





#63
Azobenzene
Concen: 42.529 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

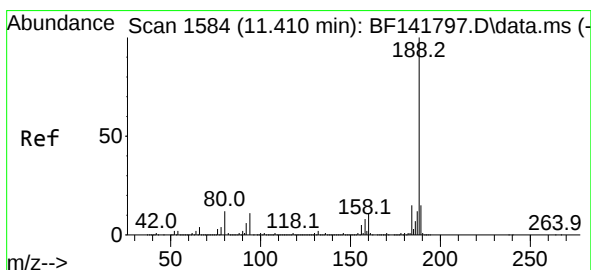
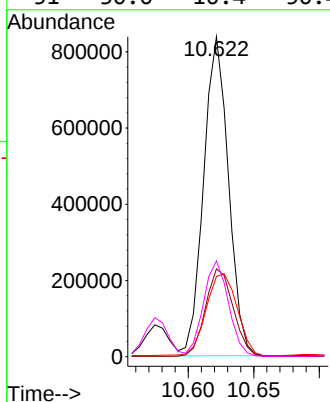
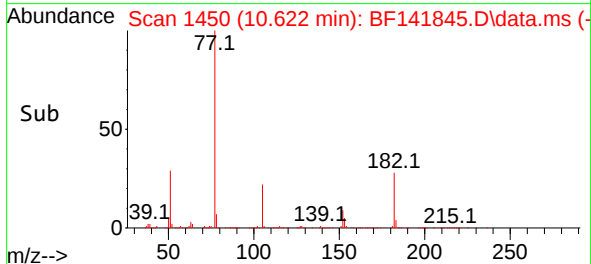
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



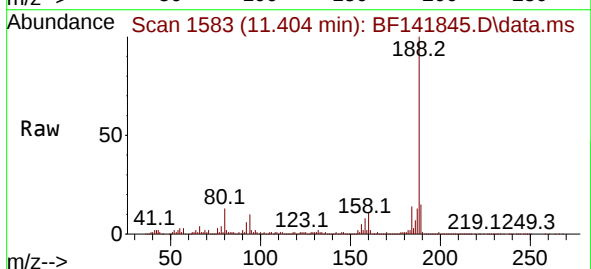
Tgt Ion: 77 Resp: 1103992
Ion Ratio Lower Upper
77 100
182 27.5 4.2 44.2
105 25.1 1.5 41.5
51 30.0 10.4 50.4

Manual Integrations
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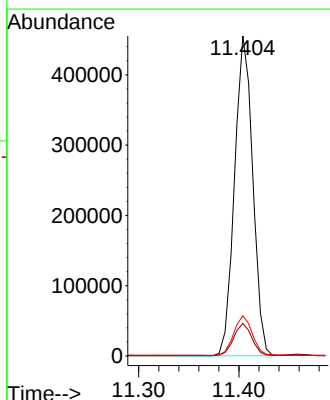
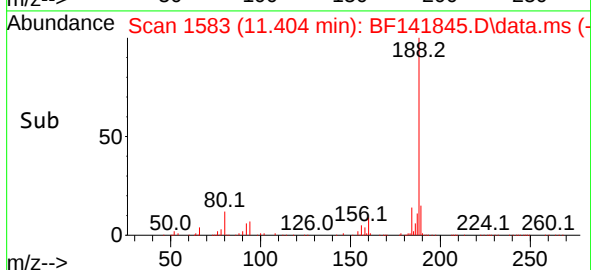
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

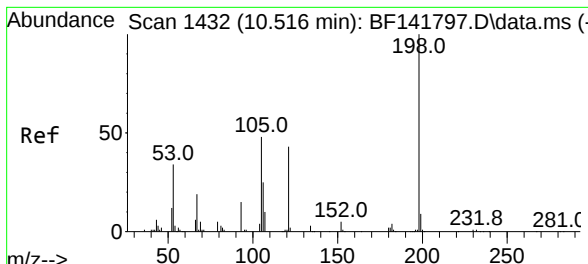


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



Tgt Ion:188 Resp: 575333
Ion Ratio Lower Upper
188 100
94 10.1 8.9 13.3
80 12.5 9.7 14.5





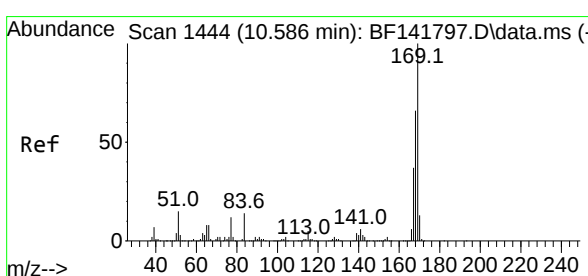
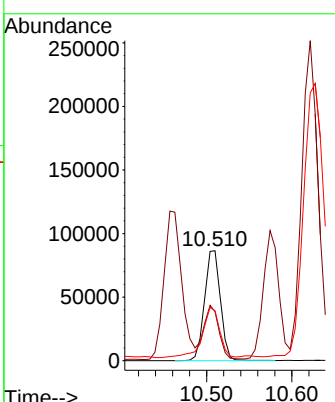
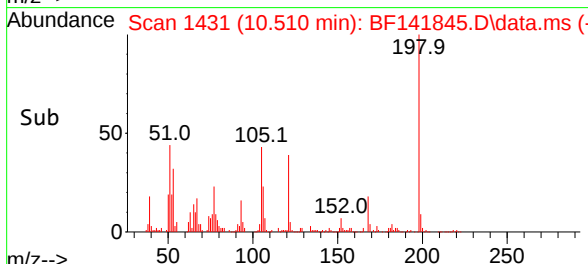
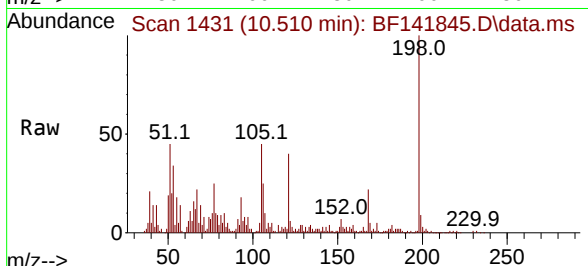
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.552 ng
 RT: 10.510 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: BF141845.D
 Acq: 05 Mar 2025 15:51

Instrument : BNA_F
 ClientSampleId : DN-B-42MSD

Tgt Ion:198 Resp: 112278

Ion	Ratio	Lower	Upper
198	100		
51	44.5	32.1	72.1
105	45.4	28.5	68.5

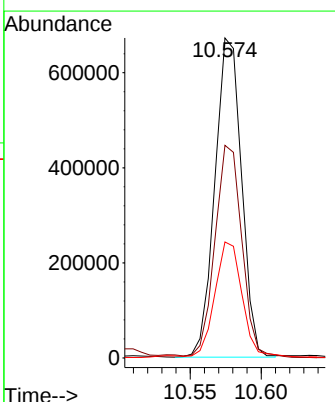
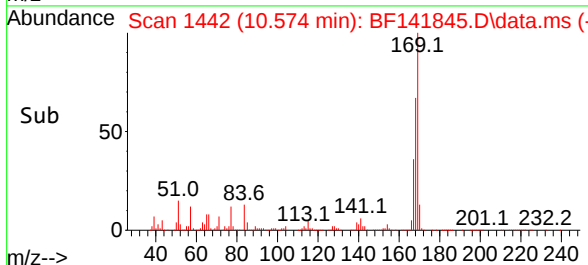
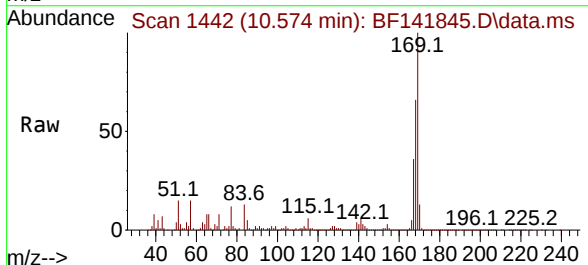
Manual Integrations
APPROVED
 Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025

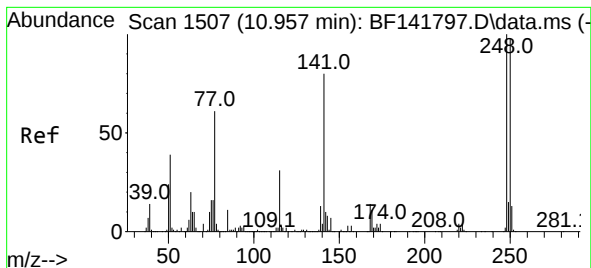


#66
 n-Nitrosodiphenylamine
 Concen: 46.279 ng
 RT: 10.574 min Scan# 1442
 Delta R.T. -0.012 min
 Lab File: BF141845.D
 Acq: 05 Mar 2025 15:51

Tgt Ion:169 Resp: 874306

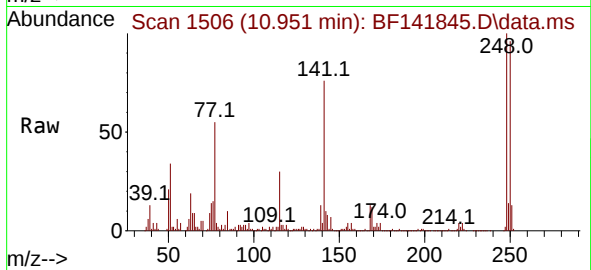
Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.0	79.6
167	36.3	29.3	43.9





#67
4-Bromophenyl-phenylether
Concen: 44.548 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

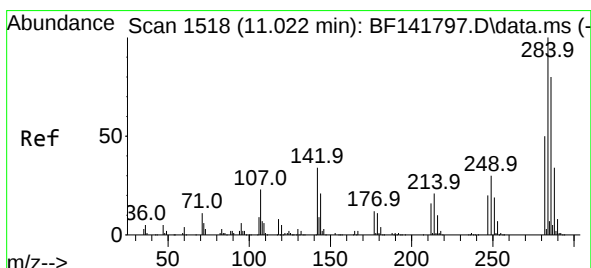
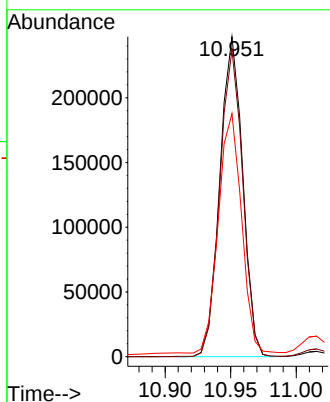
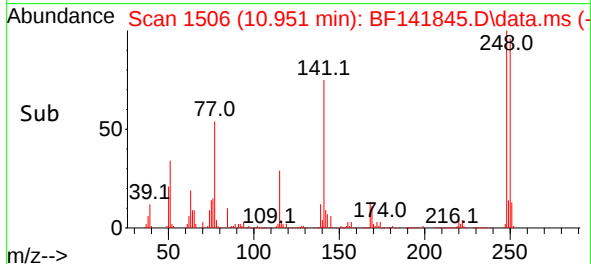
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



Tgt Ion:248 Resp: 299369
Ion Ratio Lower Upper
248 100
250 95.9 78.1 117.1
141 76.0 64.3 96.5

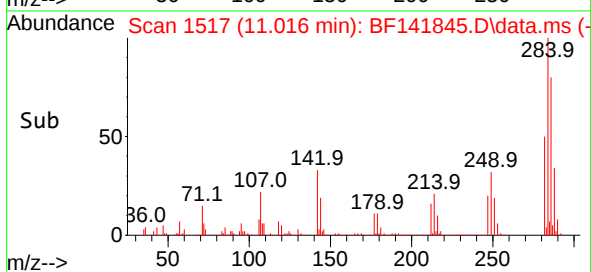
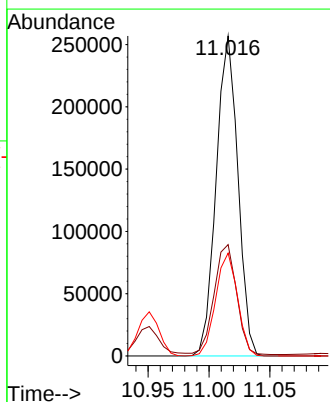
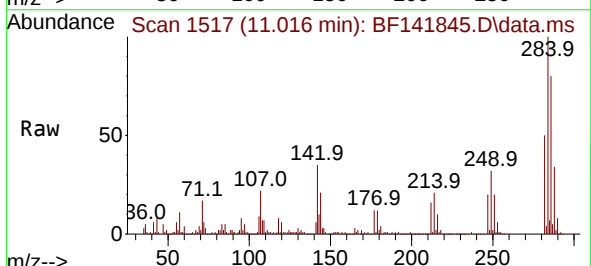
Manual Integrations
APPROVED

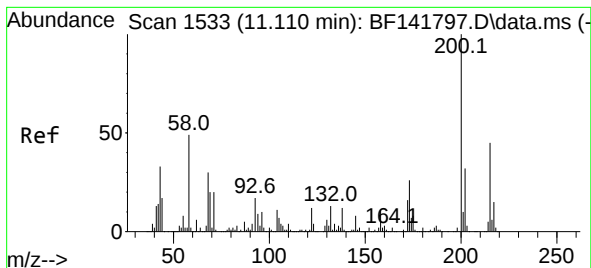
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#68
Hexachlorobenzene
Concen: 44.897 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:284 Resp: 318600
Ion Ratio Lower Upper
284 100
142 34.8 28.2 42.2
249 32.1 25.5 38.3





#69

Atrazine

Concen: 63.055 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

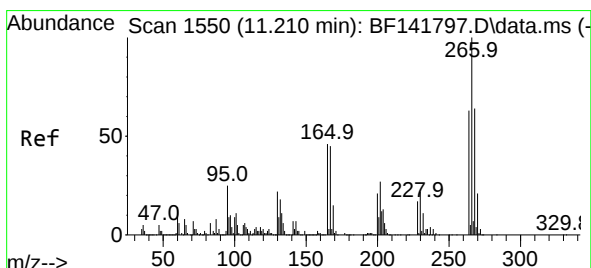
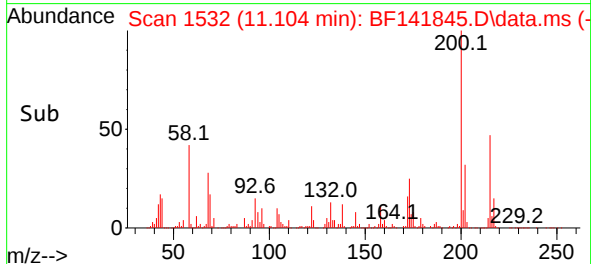
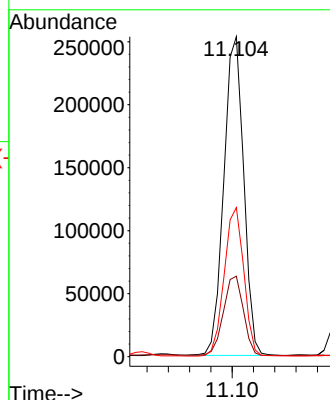
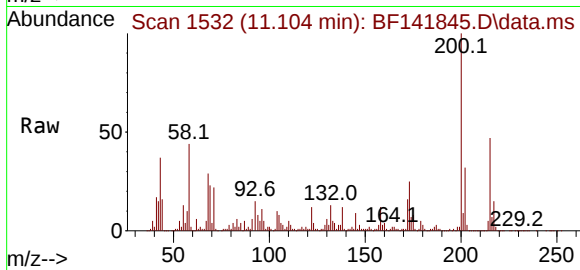
DN-B-42MSD

Tgt Ion:200 Resp: 327584
 Ion Ratio Lower Upper
 200 100
 173 25.1 5.6 45.6
 215 46.6 25.3 65.3

Manual Integrations

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Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025



#70

Pentachlorophenol

Concen: 84.186 ng

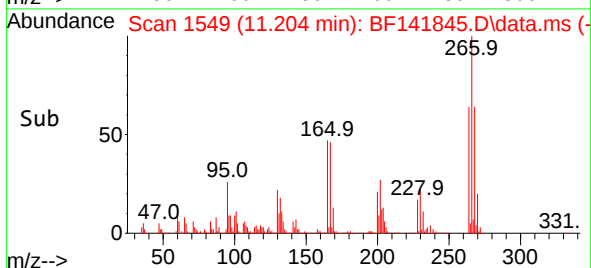
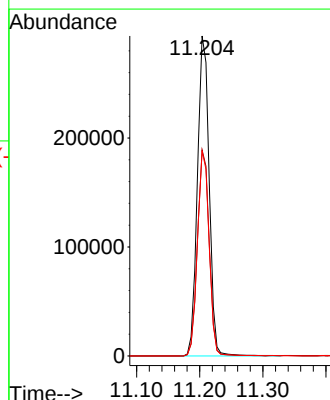
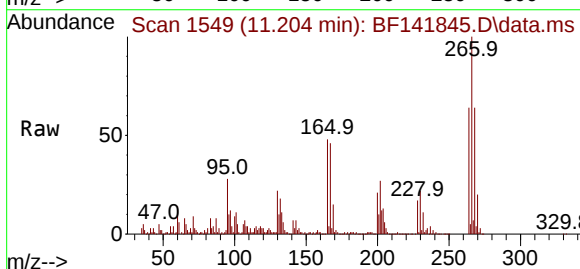
RT: 11.204 min Scan# 1549

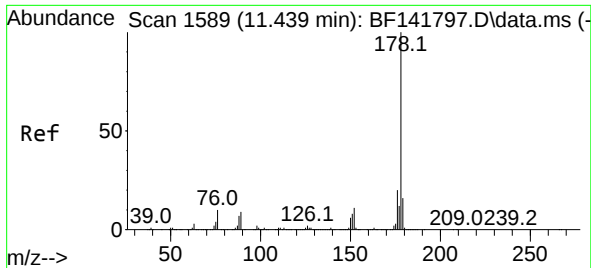
Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Tgt Ion:266 Resp: 378895
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.9 76.3
 264 64.0 50.2 75.4





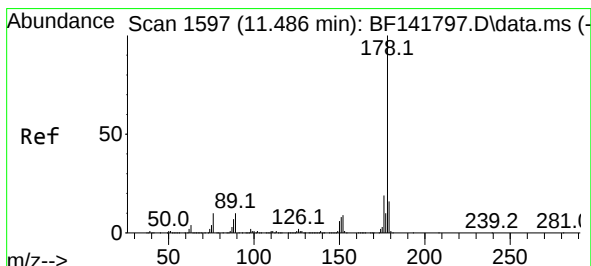
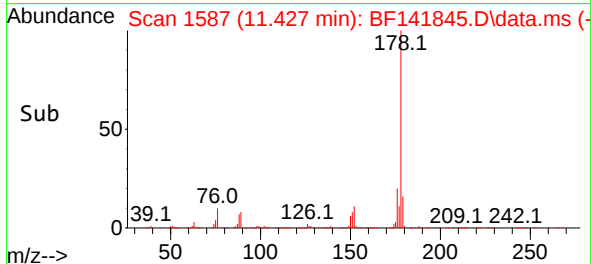
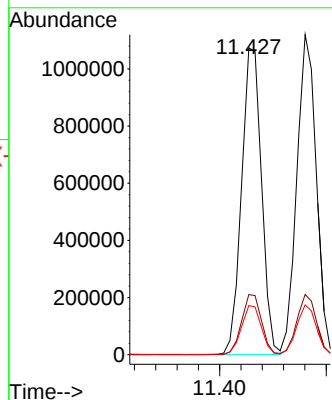
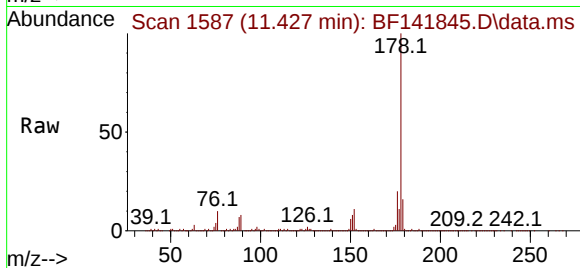
#71
Phenanthrene
Concen: 45.538 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

Tgt Ion:178 Resp: 1401400
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.0 12.6 19.0

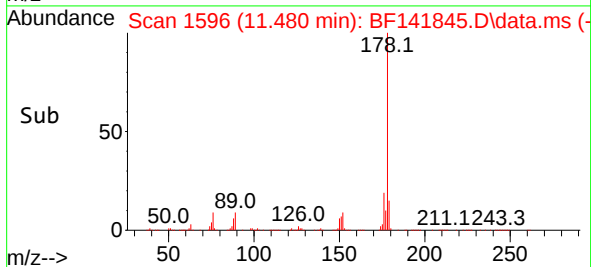
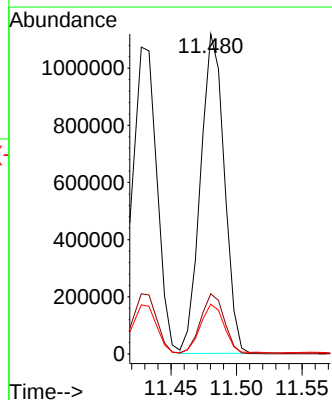
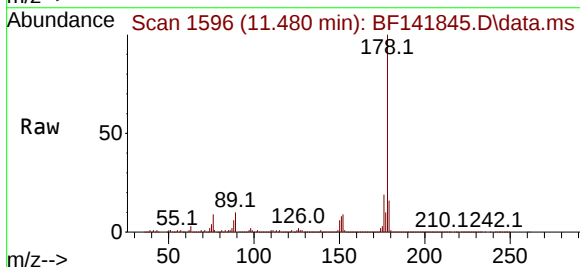
Manual Integrations
APPROVED

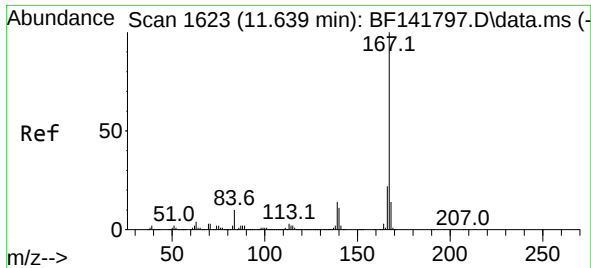
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#72
Anthracene
Concen: 45.722 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

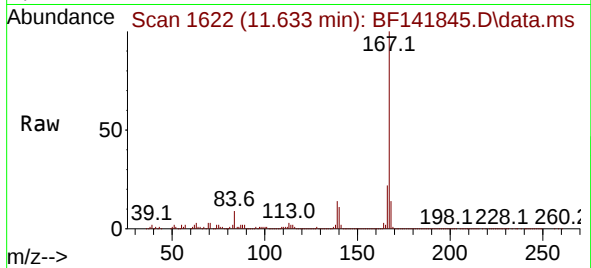
Tgt Ion:178 Resp: 1410204
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.8 19.2





#73
Carbazole
Concen: 44.327 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

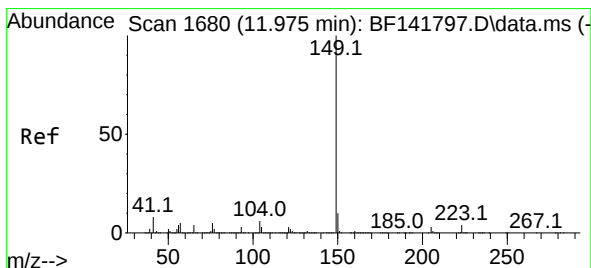
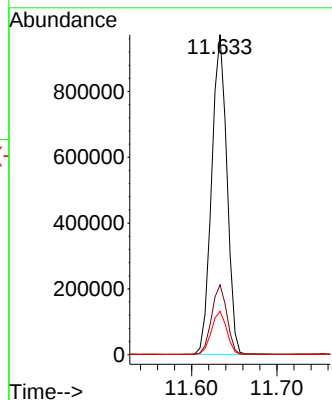
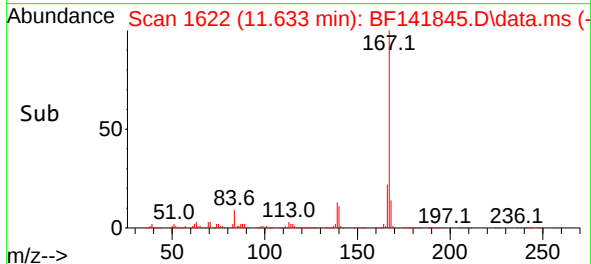
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



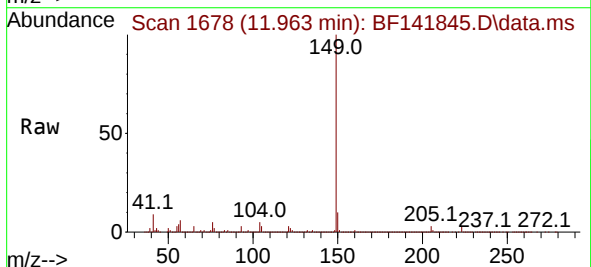
Tgt Ion:167 Resp: 1207332
Ion Ratio Lower Upper
167 100
166 21.8 17.5 26.3
139 13.5 11.3 16.9

Manual Integrations
APPROVED

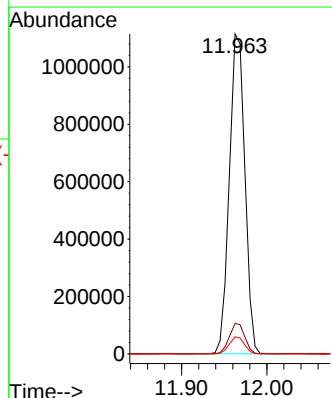
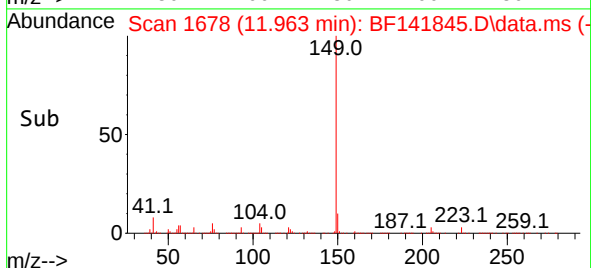
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

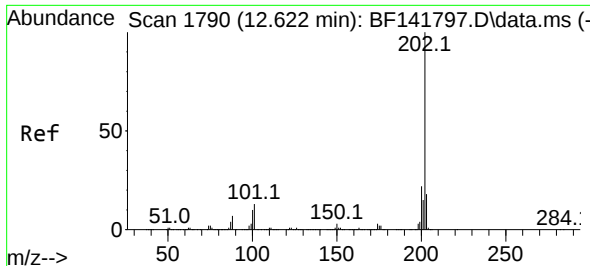


#74
Di-n-butylphthalate
Concen: 40.999 ng
RT: 11.963 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



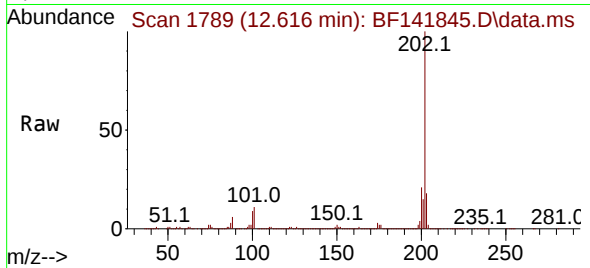
Tgt Ion:149 Resp: 1415465
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 41.129 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

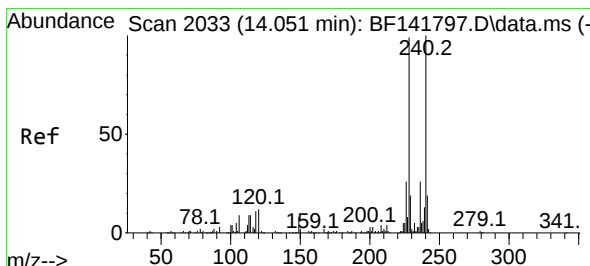
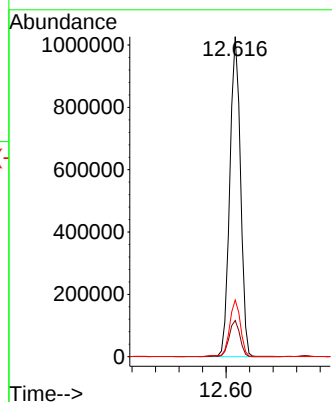
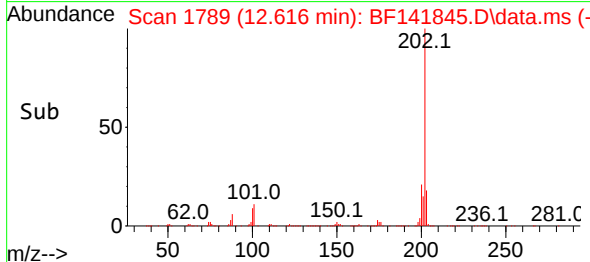
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



Tgt Ion:202 Resp: 1296948
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.8
203 17.7 0.0 38.0

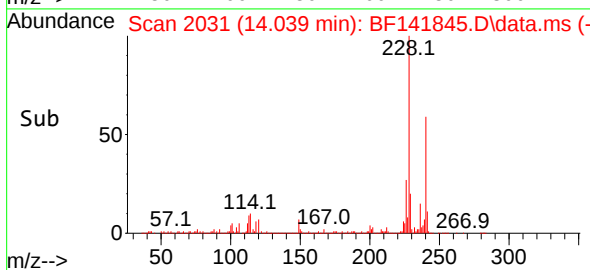
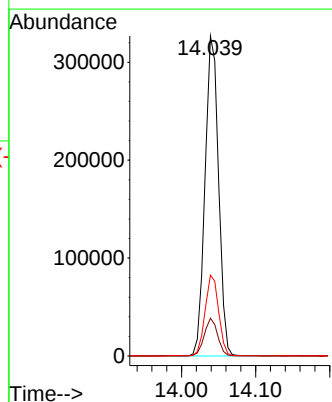
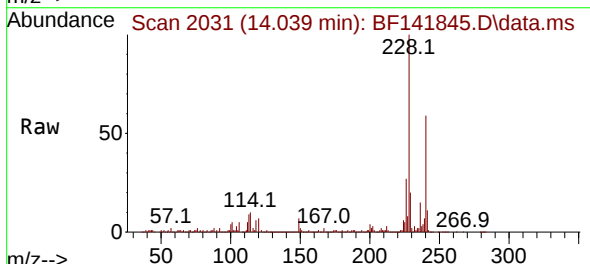
Manual Integrations
APPROVED

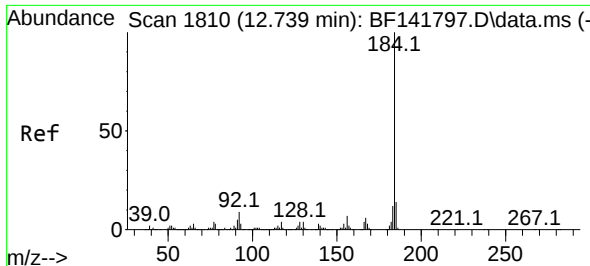
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:240 Resp: 414755
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 25.3 21.0 31.4





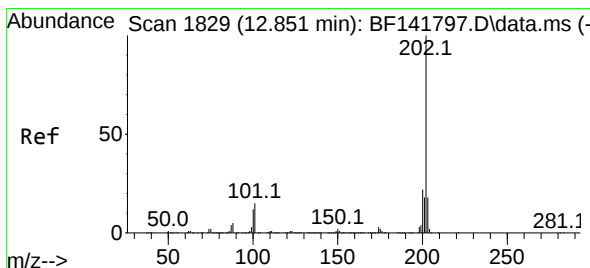
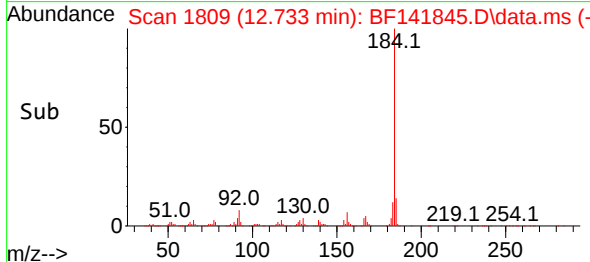
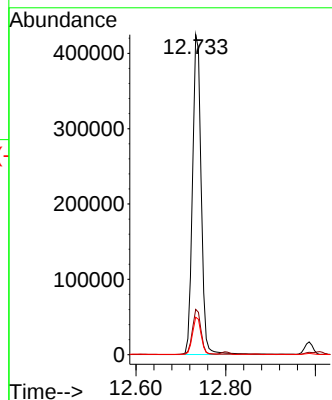
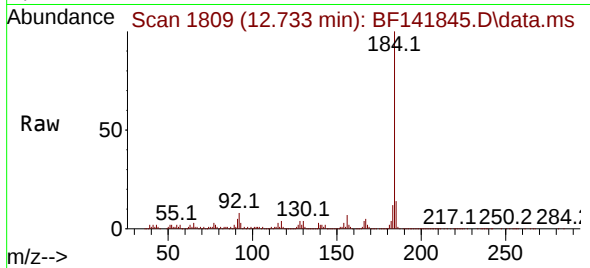
#77
Benzidine
Concen: 108.795 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

Tgt Ion:184 Resp: 56794
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.7 9.4 14.0

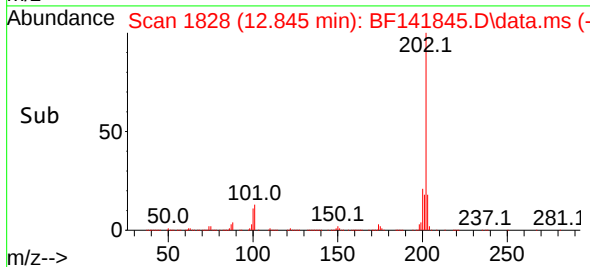
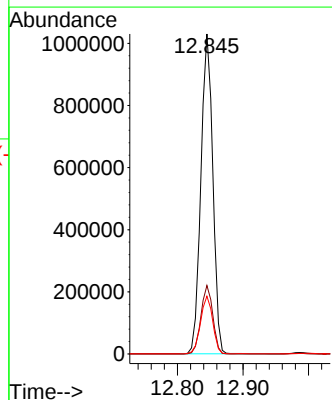
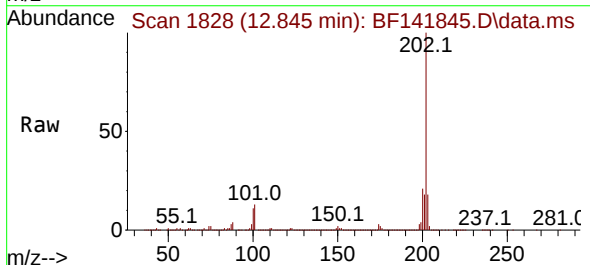
Manual Integrations
APPROVED

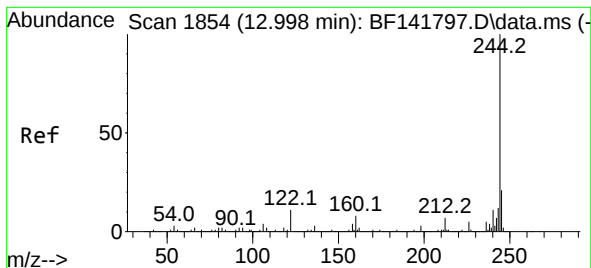
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#78
Pyrene
Concen: 36.274 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:202 Resp: 1302790
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.0
203 18.1 14.6 22.0





#79

Terphenyl-d14

Concen: 56.946 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

Tgt Ion:244 Resp: 1459800

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

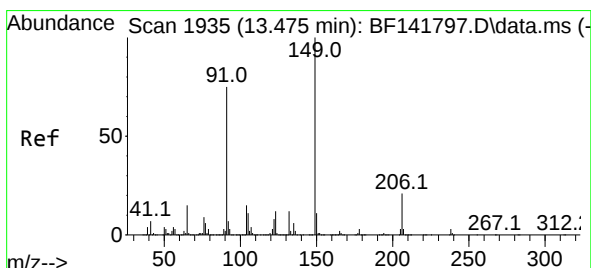
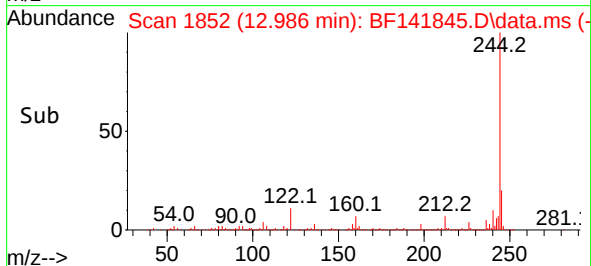
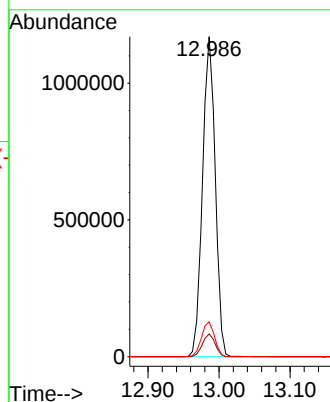
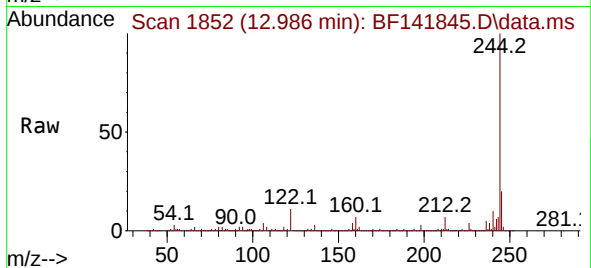
122 10.9 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025



#80

Butylbenzylphthalate

Concen: 37.820 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

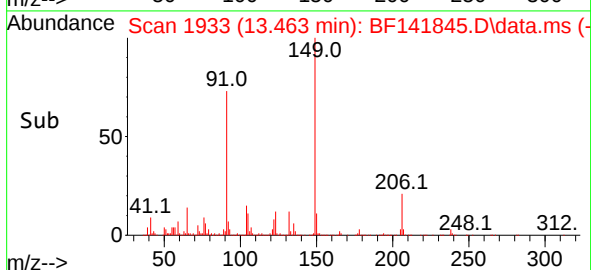
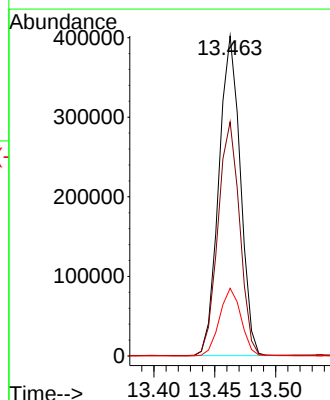
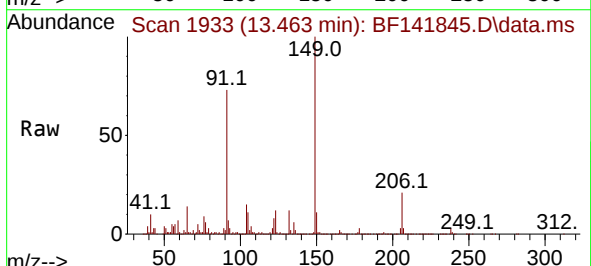
Tgt Ion:149 Resp: 493506

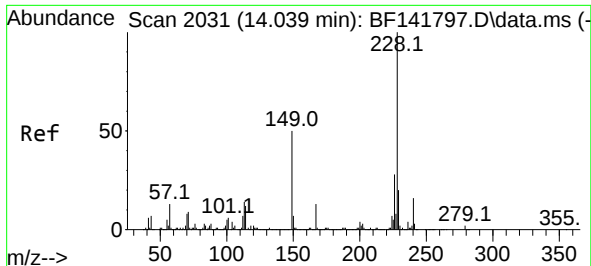
Ion Ratio Lower Upper

149 100

91 73.1 60.1 90.1

206 21.1 16.8 25.2





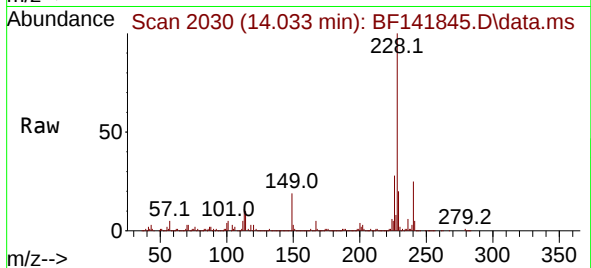
#81
Benzo(a)anthracene
Concen: 45.518 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

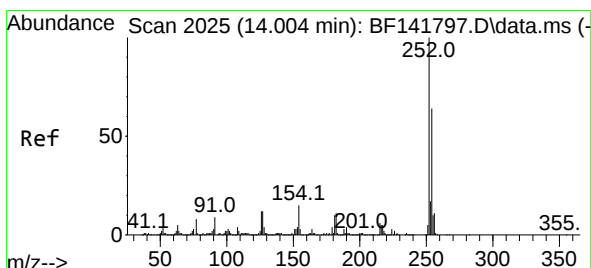
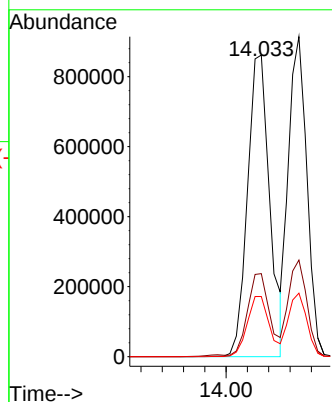
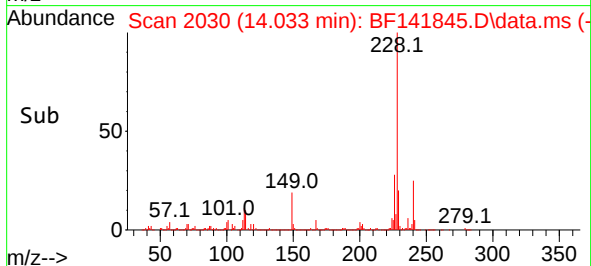


Tgt Ion:228 Resp: 124696
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.9 16.1 24.1

Manual Integrations

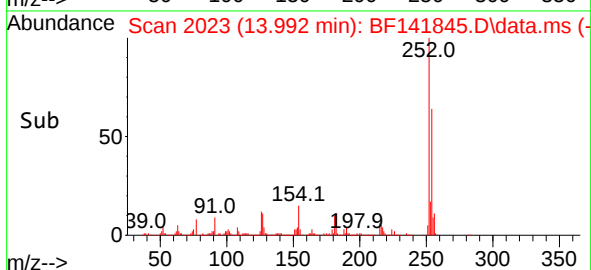
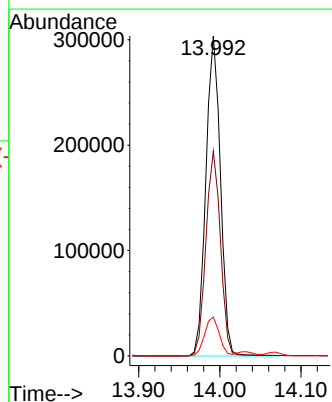
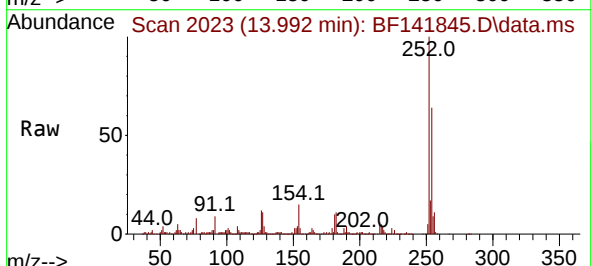
APPROVED

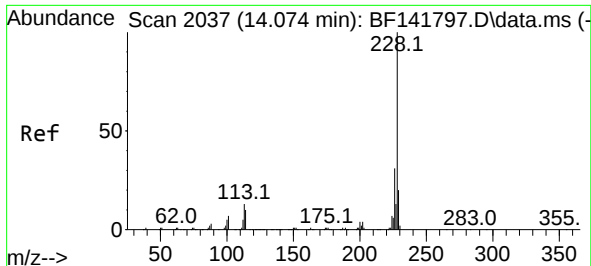
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#82
3,3'-Dichlorobenzidine
Concen: 48.093 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

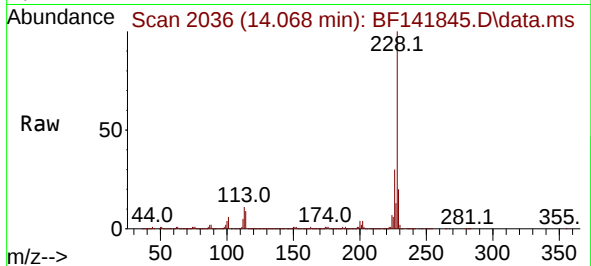
Tgt Ion:252 Resp: 378006
Ion Ratio Lower Upper
252 100
254 64.0 51.4 77.0
126 12.1 9.8 14.6





#83
Chrysene
Concen: 43.694 ng
RT: 14.068 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

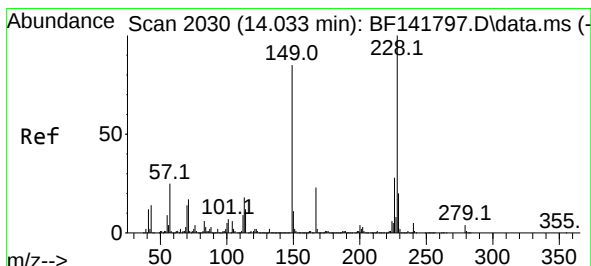
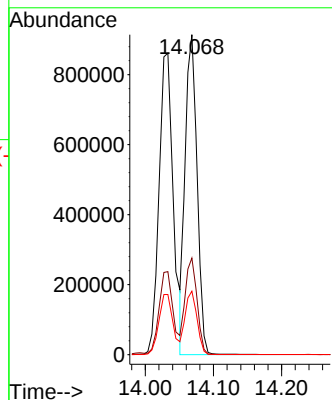
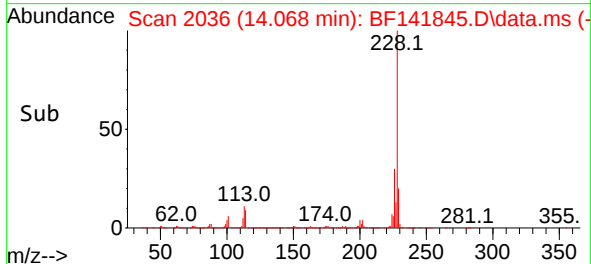
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



Tgt Ion:228 Resp: 1103430
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 19.9 16.1 24.1

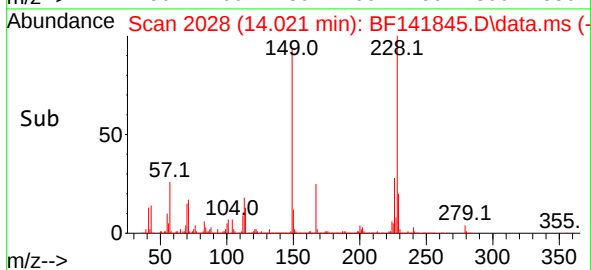
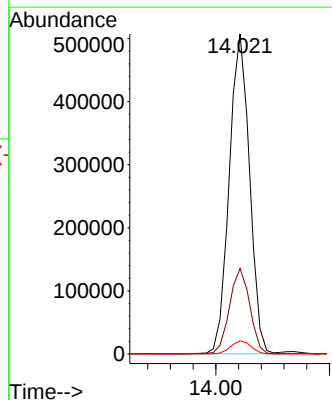
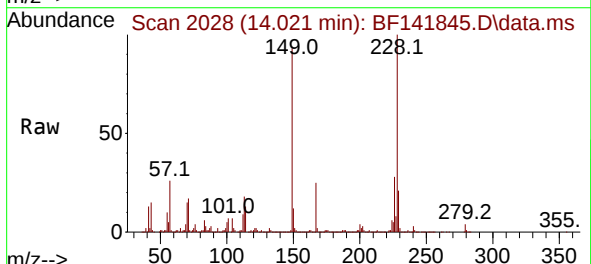
Manual Integrations
APPROVED

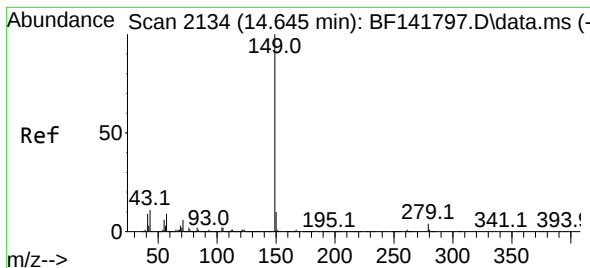
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.698 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

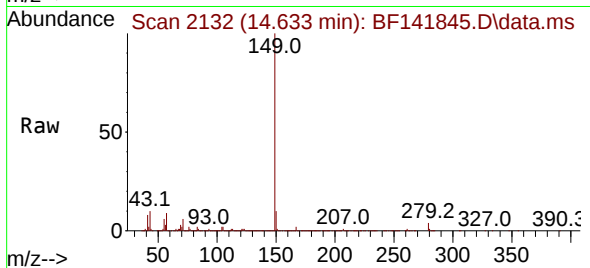
Tgt Ion:149 Resp: 628755
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 46.687 ng
RT: 14.633 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

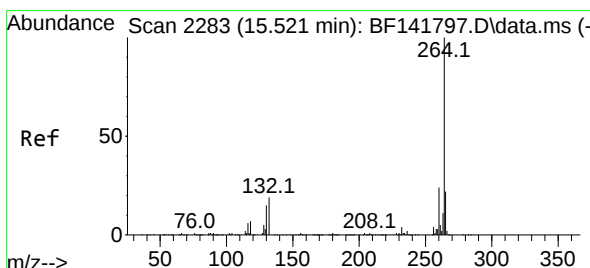
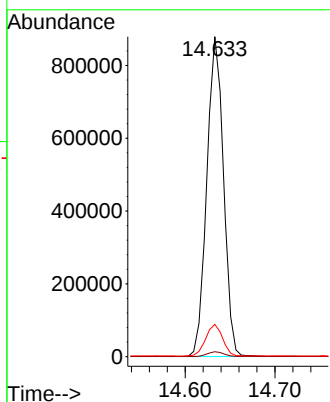
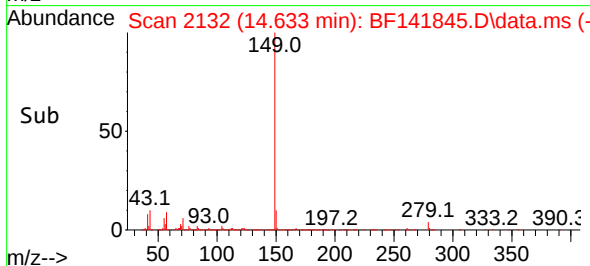
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



Tgt Ion:149 Resp: 113565
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 8.6 12.8

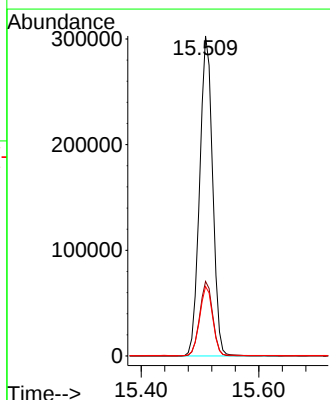
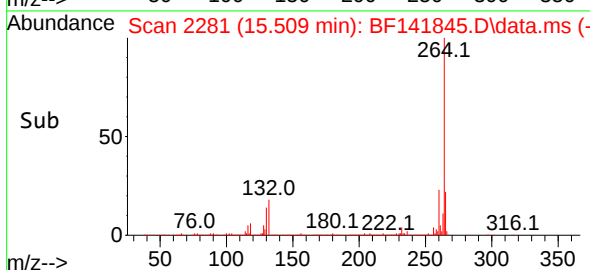
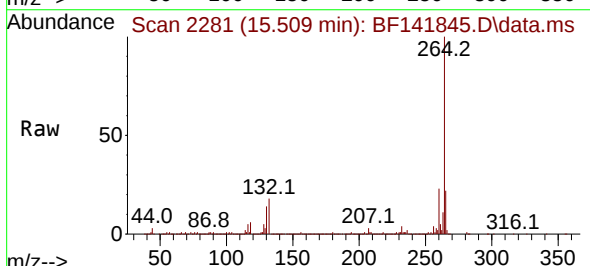
Manual Integrations
APPROVED

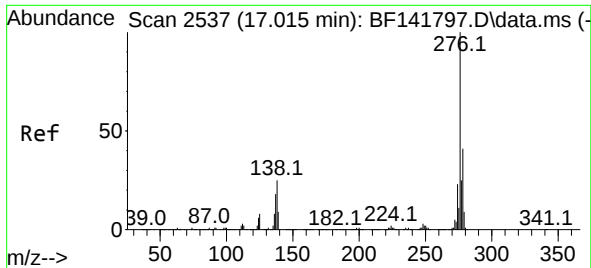
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

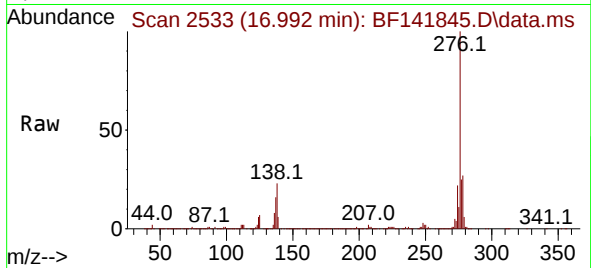
Tgt Ion:264 Resp: 465047
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.115 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

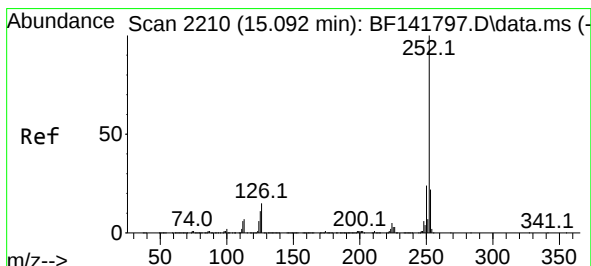
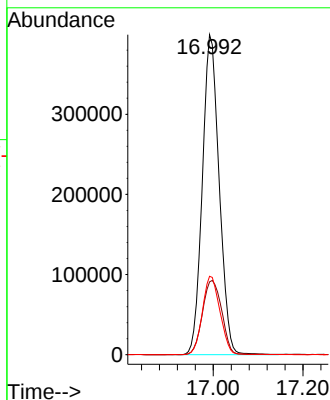
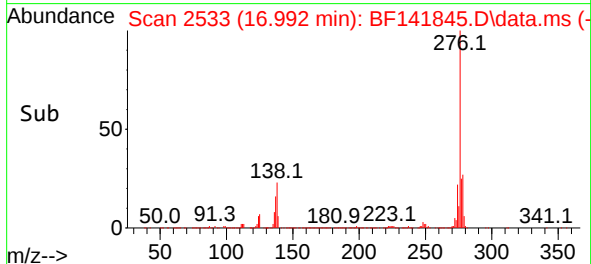
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



Tgt Ion:276 Resp: 103986
Ion Ratio Lower Upper
276 100
138 26.6 22.5 33.7
277 25.5 20.3 30.5

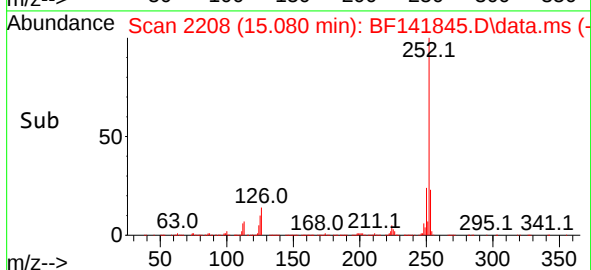
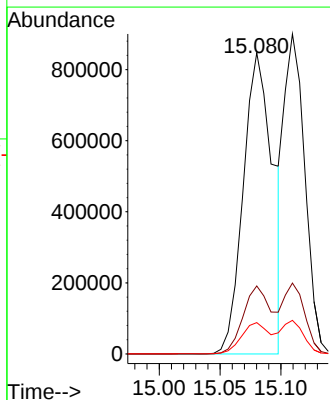
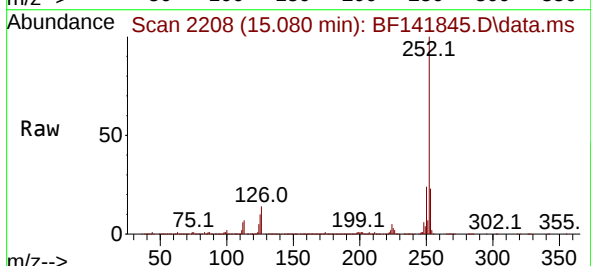
Manual Integrations
APPROVED

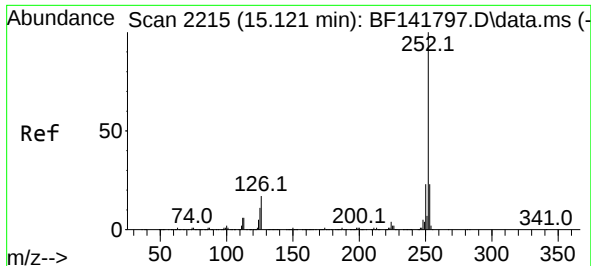
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#88
Benzo(b)fluoranthene
Concen: 45.239 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:252 Resp: 1433060
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.4 8.6 13.0





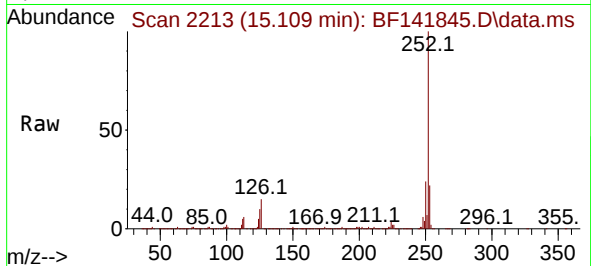
#89
Benzo(k)fluoranthene
Concen: 39.488 ng
RT: 15.109 min Scan# 2215
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

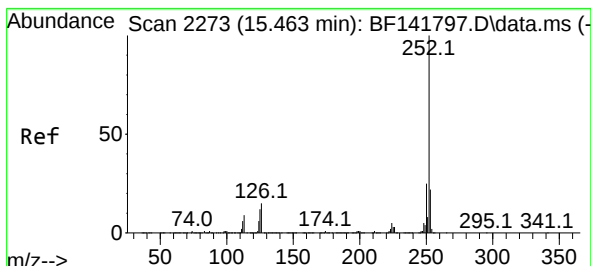
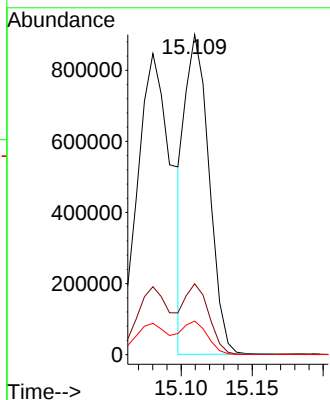
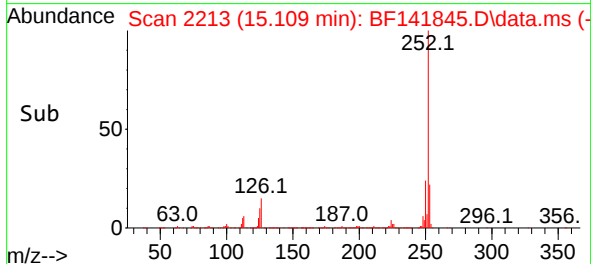


Tgt Ion:252 Resp: 106320
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.5 8.8 13.2

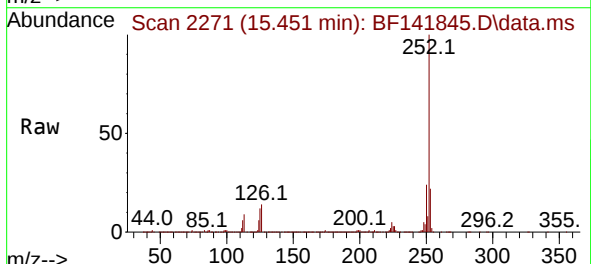
Manual Integrations

APPROVED

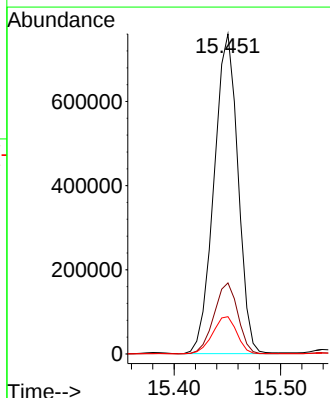
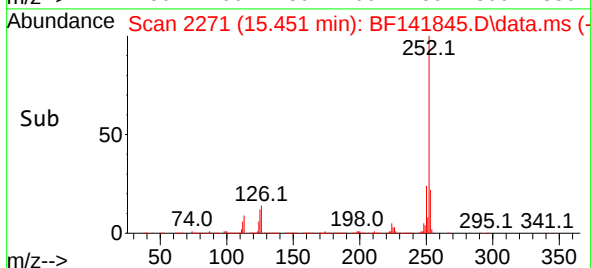
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

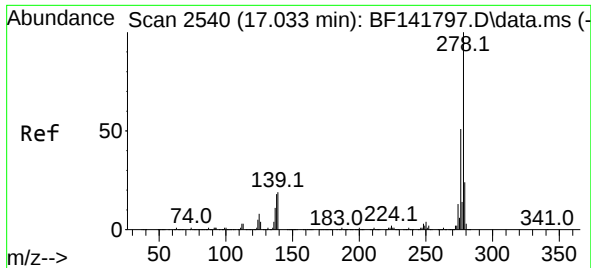


#90
Benzo(a)pyrene
Concen: 46.684 ng
RT: 15.451 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



Tgt Ion:252 Resp: 1186012
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.6 9.4 14.2





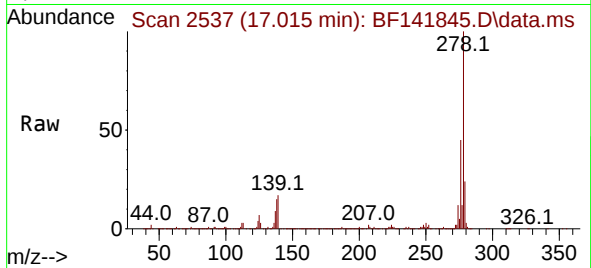
#91
Dibenzo(a,h)anthracene
Concen: 36.044 ng
RT: 17.015 min Scan# 2537
Delta R.T. -0.018 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

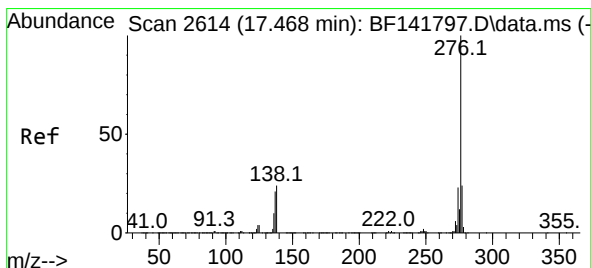
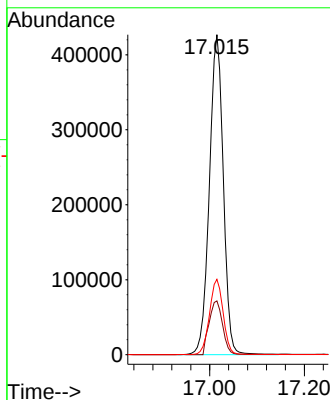
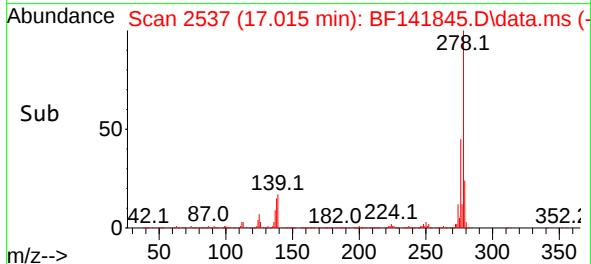


Tgt Ion:278 Resp: 87124
Ion Ratio Lower Upper
278 100
139 16.8 14.9 22.3
279 23.6 19.3 28.9

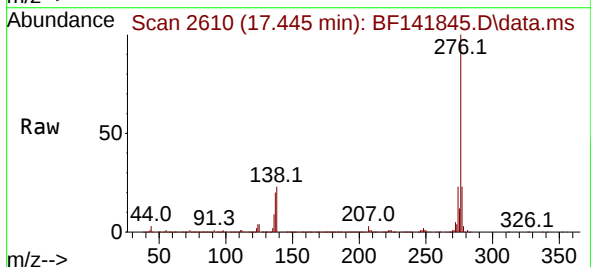
Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#92
Benzo(g,h,i)perylene
Concen: 29.696 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.024 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



Tgt Ion:276 Resp: 735371
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 22.6 19.3 28.9

