

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141589.D
 Acq On : 12 Feb 2025 14:50
 Operator : RC/JU
 Sample : Q1343-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025

Quant Time: Feb 12 15:31:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	81490	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	321913	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	174524	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	295317	20.000	ng	0.00
76) Chrysene-d12	13.957	240	170075	20.000	ng	0.00
86) Perylene-d12	15.427	264	169809	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	655109	126.033	ng	0.01
7) Phenol-d6	6.434	99	764280	116.333	ng	0.00
23) Nitrobenzene-d5	7.351	82	563532	91.307	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	232251	132.475	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1041487	91.939	ng	0.00
79) Terphenyl-d14	12.892	244	1089055	108.100	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	83417	39.873	ng	# 80
3) Pyridine	3.363	79	151395	30.411	ng	98
4) n-Nitrosodimethylamine	3.281	42	129962	39.426	ng	97
6) Aniline	6.451	93	70068	11.370	ng	# 1
8) 2-Chlorophenol	6.575	128	233138	41.509	ng	99
9) Benzaldehyde	6.340	77	72802	20.853	ng	99
10) Phenol	6.446	94	252354	36.906	ng	81
11) bis(2-Chloroethyl)ether	6.528	93	215130	41.887	ng	100
12) 1,3-Dichlorobenzene	6.728	146	233647	39.404	ng	97
13) 1,4-Dichlorobenzene	6.804	146	240375	39.677	ng	99
14) 1,2-Dichlorobenzene	6.957	146	229440	40.805	ng	99
15) Benzyl Alcohol	6.934	79	202416	40.178	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	351003	39.924	ng	84
17) 2-Methylphenol	7.051	107	183266	41.696	ng	98
18) Hexachloroethane	7.298	117	87867	39.190	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	163554	41.619	ng	96
20) 3+4-Methylphenols	7.204	107	235551	42.170	ng	98
22) Acetophenone	7.198	105	360109	44.970	ng	96
24) Nitrobenzene	7.369	77	247042	41.048	ng	100
25) Isophorone	7.610	82	441999	44.915	ng	98
26) 2-Nitrophenol	7.687	139	124929	41.723	ng	96
27) 2,4-Dimethylphenol	7.728	122	189714	54.236	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	265027	42.029	ng	99
29) 2,4-Dichlorophenol	7.934	162	199073	42.122	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	207345	40.287	ng	100
31) Naphthalene	8.092	128	674296	40.240	ng	100
32) Benzoic acid	7.857	122	156229	42.999	ng	99
33) 4-Chloroaniline	8.151	127	44290	7.570	ng	100
34) Hexachlorobutadiene	8.204	225	126776	41.032	ng	99
35) Caprolactam	8.510	113	61900m	43.017	ng	
36) 4-Chloro-3-methylphenol	8.634	107	214915	41.052	ng	99
37) 2-Methylnaphthalene	8.781	142	437997	40.168	ng	99
38) 1-Methylnaphthalene	8.881	142	424838	40.227	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	235618	46.664	ng	98
41) Hexachlorocyclopentadiene	8.934	237	207900	123.794	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	138072	42.310	ng	99

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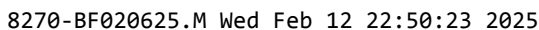
Quant Time: Feb 12 15:31:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	153046	43.273	ng	97
46) 1,1'-Biphenyl	9.245	154	629311	46.511	ng	100
47) 2-Chloronaphthalene	9.269	162	430825	43.059	ng	99
48) 2-Nitroaniline	9.369	65	142635	42.478	ng	97
49) Acenaphthylene	9.686	152	661990	44.483	ng	100
50) Dimethylphthalate	9.545	163	501862	42.358	ng	100
51) 2,6-Dinitrotoluene	9.610	165	112663	43.498	ng	99
52) Acenaphthene	9.857	154	421056	42.085	ng	98
53) 3-Nitroaniline	9.781	138	31813	11.412	ng	100
54) 2,4-Dinitrophenol	9.892	184	148920	96.743	ng	96
55) Dibenzofuran	10.028	168	610164	41.549	ng	99
56) 4-Nitrophenol	9.957	139	166685	80.548	ng	97
57) 2,4-Dinitrotoluene	10.016	165	154035	44.674	ng	98
58) Fluorene	10.375	166	481641	42.417	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	131960	43.338	ng	96
60) Diethylphthalate	10.245	149	483863	41.508	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	230294	42.158	ng	99
62) 4-Nitroaniline	10.392	138	103407	36.531	ng	99
63) Azobenzene	10.522	77	469017	40.472	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	91019	44.369	ng	95
66) n-Nitrosodiphenylamine	10.486	169	407300	43.085	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	141857	42.980	ng	96
68) Hexachlorobenzene	10.922	284	153395	45.134	ng	99
69) Atrazine	11.016	200	141814	50.004	ng	98
70) Pentachlorophenol	11.122	266	184026	84.680	ng	99
71) Phenanthrene	11.333	178	721779	44.401	ng	100
72) Anthracene	11.386	178	736994	45.101	ng	100
73) Carbazole	11.545	167	627531	42.679	ng	100
74) Di-n-butylphthalate	11.869	149	747284	44.016	ng	100
75) Fluoranthene	12.522	202	709112	41.145	ng	100
77) Benzidine	12.657	184	43289	11.541	ng	95
78) Pyrene	12.751	202	704415	48.654	ng	100
80) Butylbenzylphthalate	13.369	149	266222	53.088	ng	98
81) Benzo(a)anthracene	13.945	228	493337	43.637	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	65138	20.114	ng	97
83) Chrysene	13.980	228	453656	43.458	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	311091	55.003	ng	100
85) Di-n-octyl phthalate	14.569	149	439577	54.480	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	447441	42.645	ng	99
88) Benzo(b)fluoranthene	15.004	252	470998	41.309	ng	99
89) Benzo(k)fluoranthene	15.033	252	393251	40.391	ng	99
90) Benzo(a)pyrene	15.363	252	422897	45.837	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	373107	43.886	ng	99
92) Benzo(g,h,i)perylene	17.304	276	323988	36.416	ng	99

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

Manual Integrations APPROVED

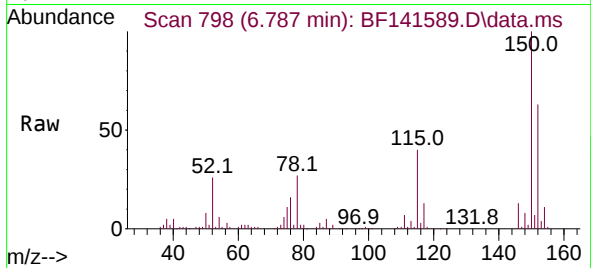
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QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141589.D
 Acq: 12 Feb 2025 14:50

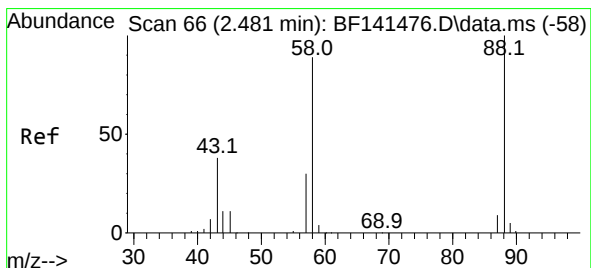
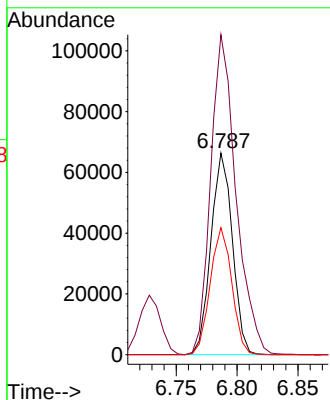
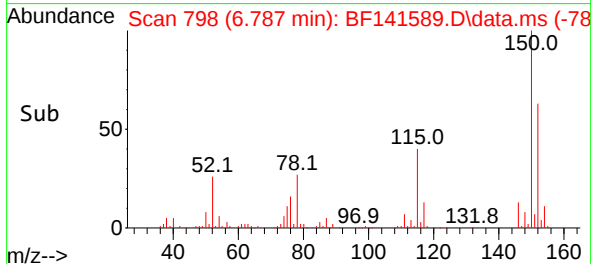
Instrument :
 BNA_F
 ClientSampleId :
 WC-9MSD



Tgt Ion:152 Resp: 81490
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.0 187.4
 115 63.0 53.6 80.4

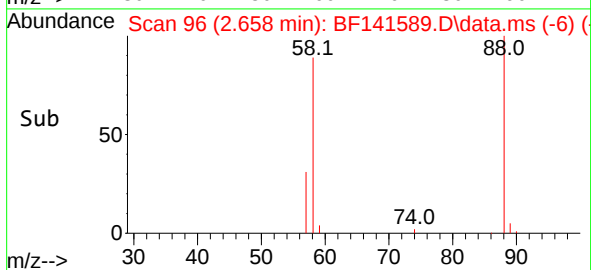
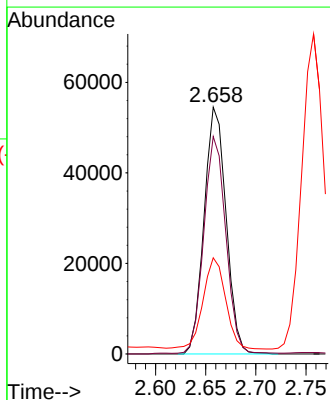
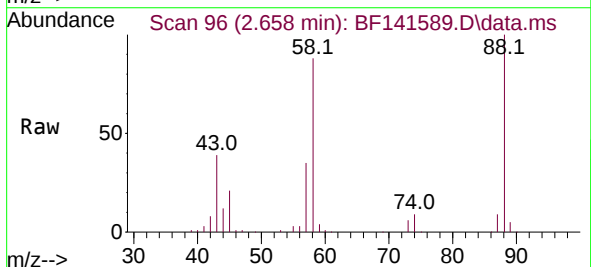
Manual Integrations
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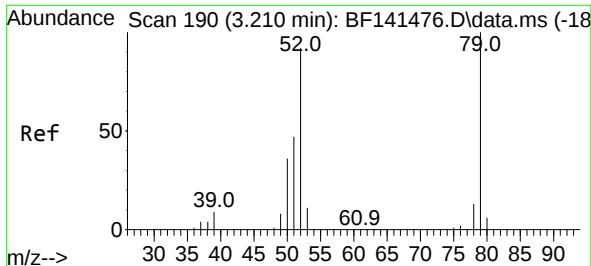
Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025



#2
 1,4-Dioxane
 Concen: 39.873 ng
 RT: 2.658 min Scan# 96
 Delta R.T. 0.177 min
 Lab File: BF141589.D
 Acq: 12 Feb 2025 14:50

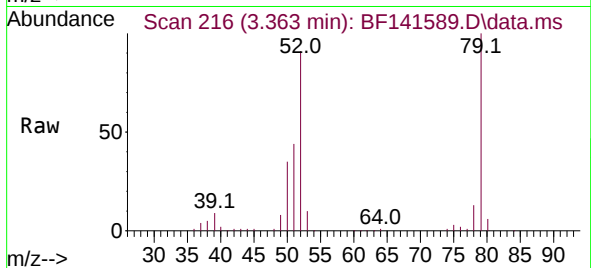
Tgt Ion: 88 Resp: 83417
 Ion Ratio Lower Upper
 88 100
 58 87.4 71.1 106.7
 43 0.0 30.6 46.0#





#3
Pyridine
Concen: 30.411 ng
RT: 3.363 min Scan# 216
Delta R.T. 0.147 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

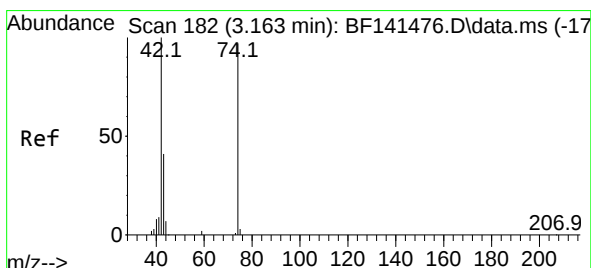
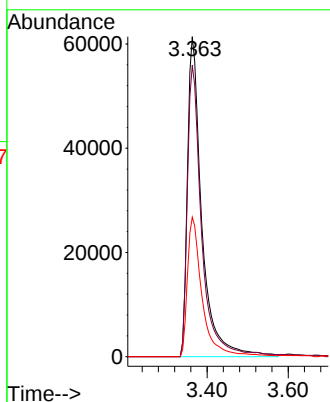
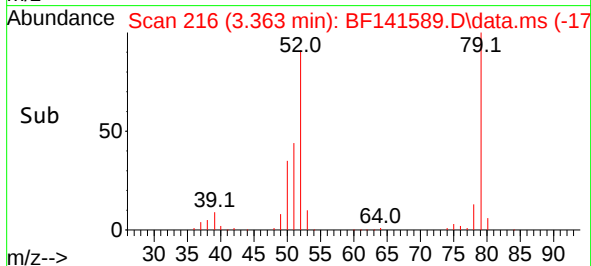
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



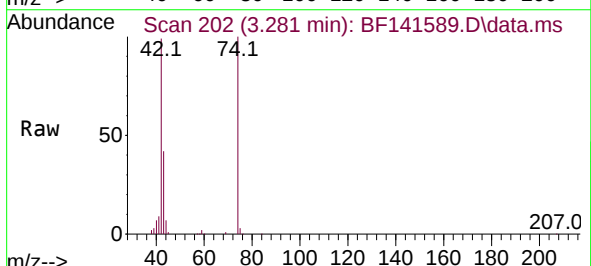
Tgt Ion: 79 Resp: 15139
Ion Ratio Lower Upper
79 100
52 91.1 73.7 110.5
51 43.6 37.5 56.3

Manual Integrations
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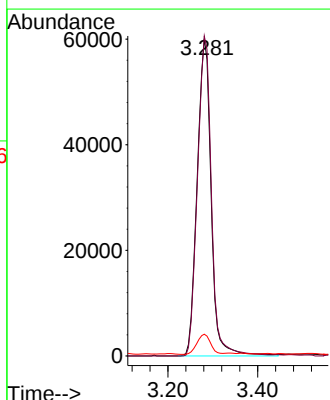
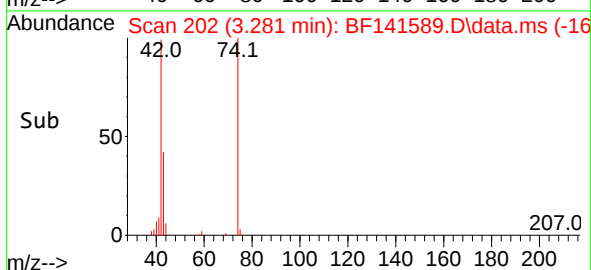
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#4
n-Nitrosodimethylamine
Concen: 39.426 ng
RT: 3.281 min Scan# 202
Delta R.T. 0.094 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



Tgt Ion: 42 Resp: 129962
Ion Ratio Lower Upper
42 100
74 100.9 78.0 117.0
44 6.9 5.4 8.2





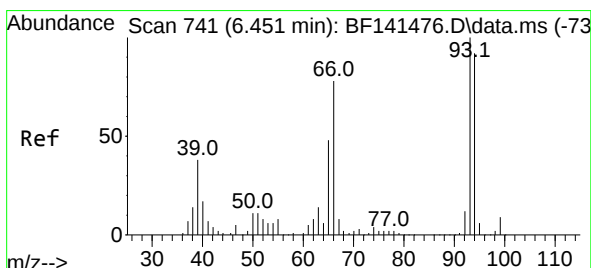
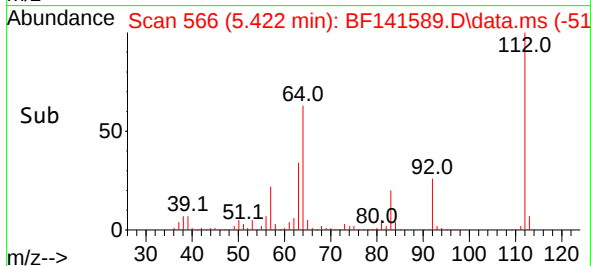
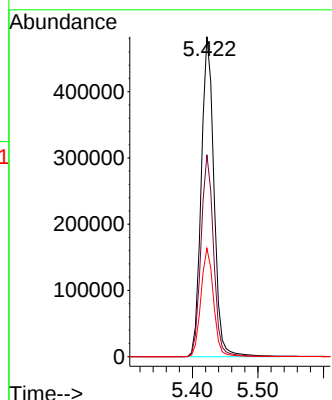
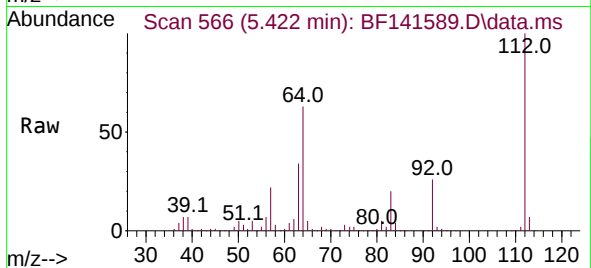
#5
2-Fluorophenol
Concen: 126.033 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion:112 Resp: 655109
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 33.9 28.4 42.6

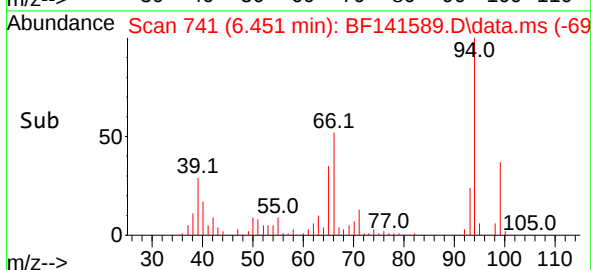
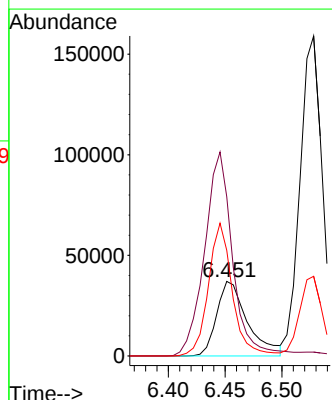
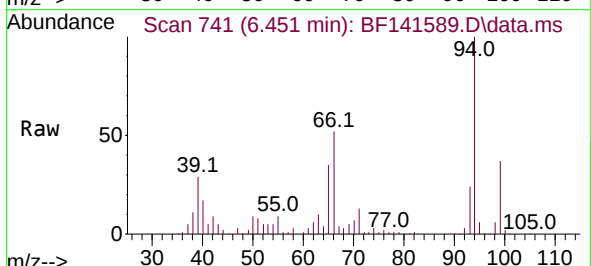
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#6
Aniline
Concen: 11.370 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Tgt Ion: 93 Resp: 70068
Ion Ratio Lower Upper
93 100
66 213.5 62.6 94.0#
65 141.6 38.3 57.5#





#7

Phenol-d6

Concen: 116.333 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141589.D

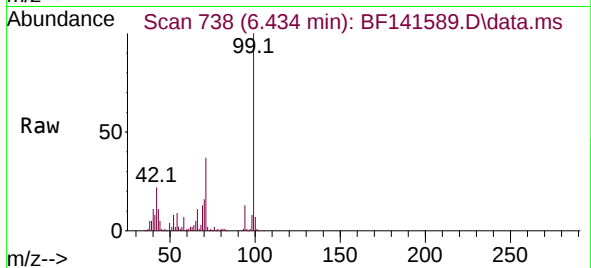
Acq: 12 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

WC-9MSD



Tgt Ion: 99 Resp: 764280

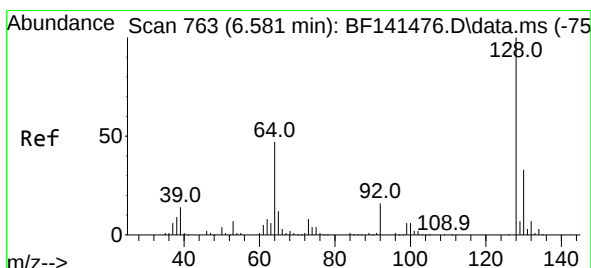
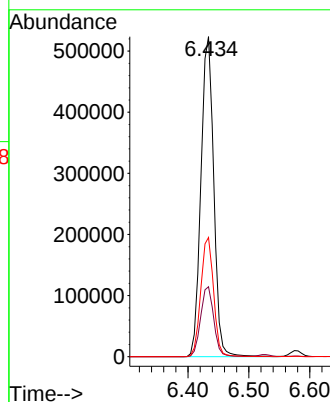
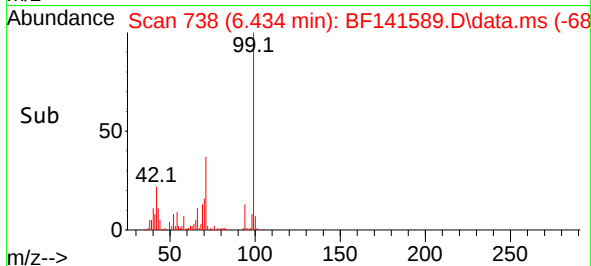
Ion	Ratio	Lower	Upper
99	100		
42	21.8	19.1	28.7
71	37.3	31.1	46.7

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#8

2-Chlorophenol

Concen: 41.509 ng

RT: 6.575 min Scan# 762

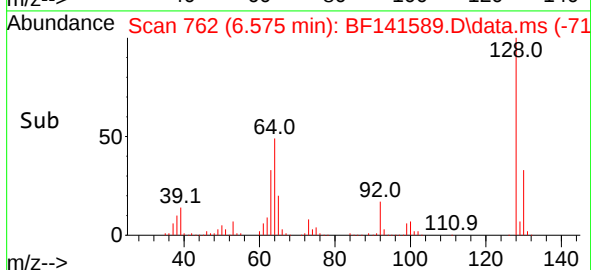
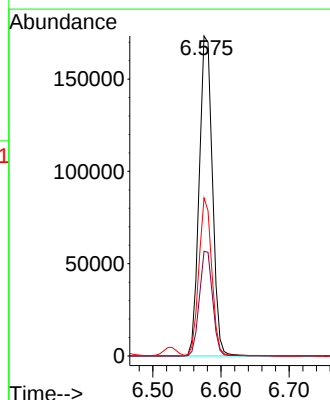
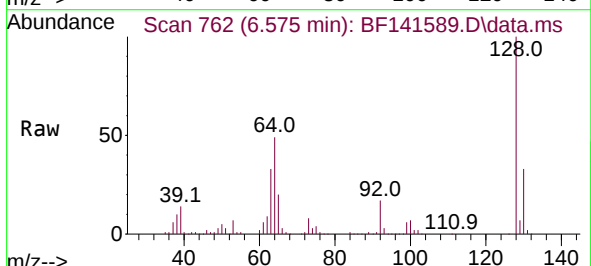
Delta R.T. -0.012 min

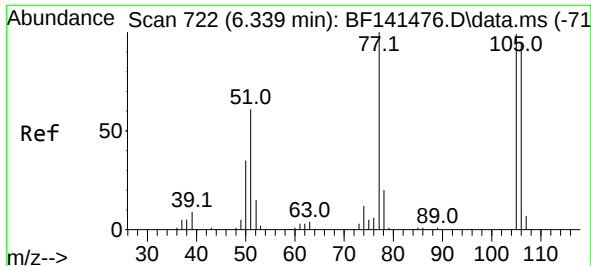
Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

Tgt Ion:128 Resp: 233138

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	49.4	28.3	68.3





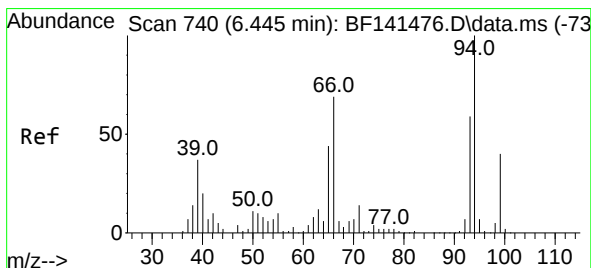
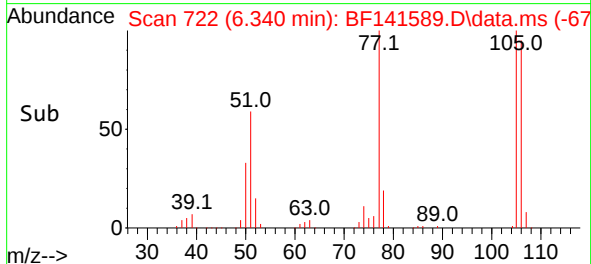
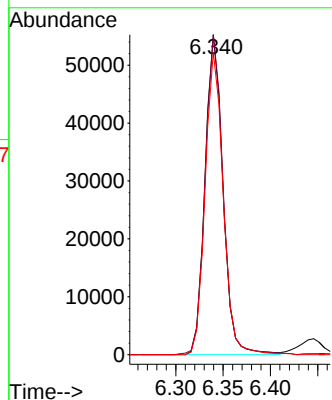
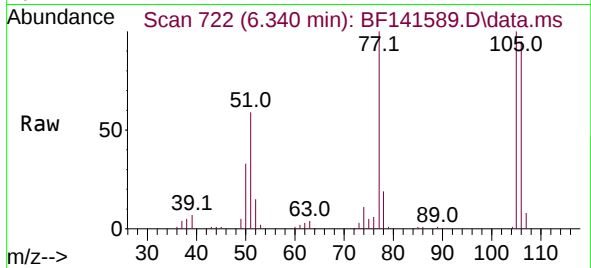
#9
Benzaldehyde
Concen: 20.853 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion: 77 Resp: 7280
Ion Ratio Lower Upper
77 100
105 99.9 79.4 119.4
106 94.5 75.1 115.1

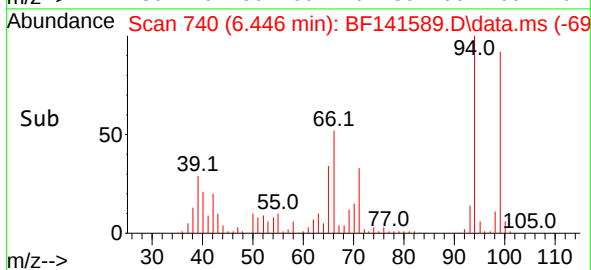
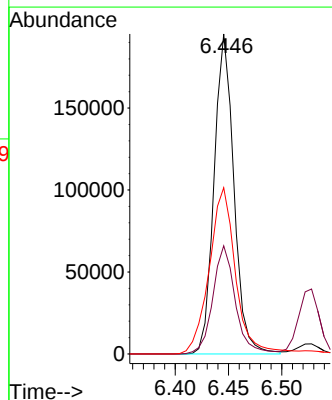
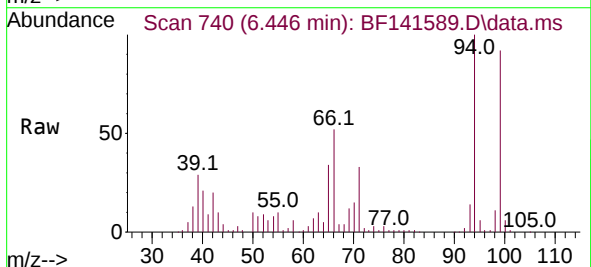
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#10
Phenol
Concen: 36.906 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Tgt Ion: 94 Resp: 252354
Ion Ratio Lower Upper
94 100
65 33.8 23.7 63.7
66 52.0 49.3 89.3





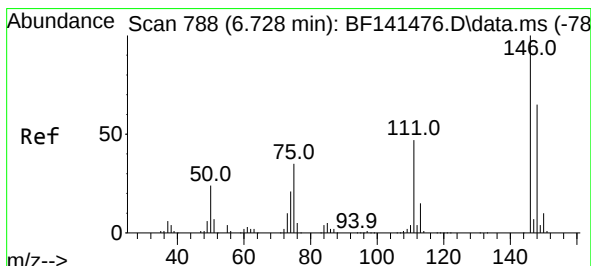
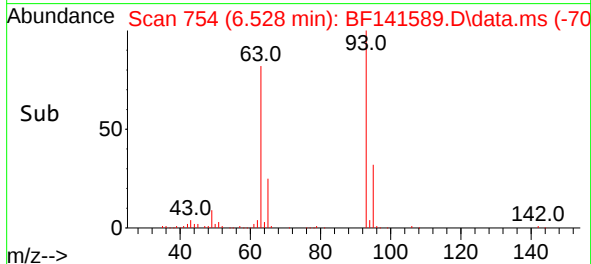
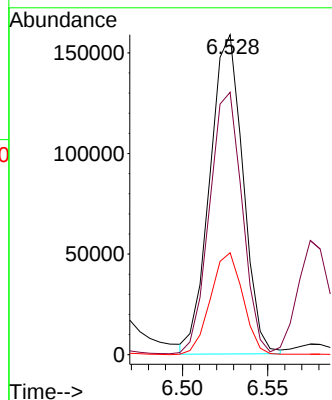
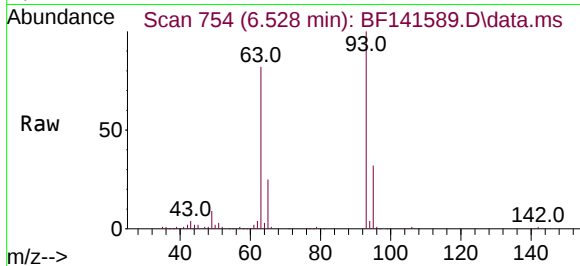
#11
bis(2-Chloroethyl)ether
Concen: 41.887 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion: 93 Resp: 215130
Ion Ratio Lower Upper
93 100
63 82.0 62.0 102.0
95 31.8 12.6 52.6

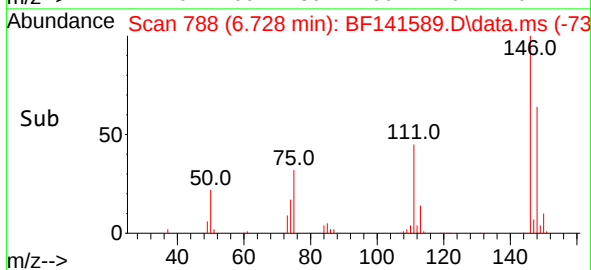
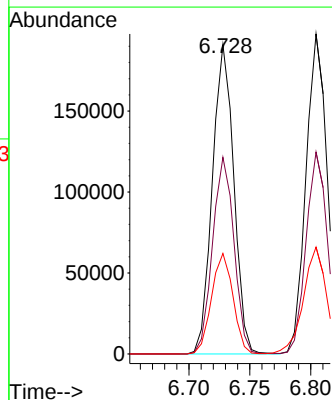
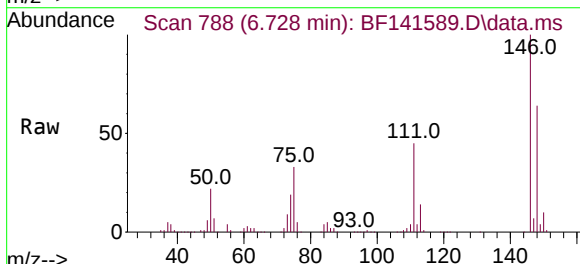
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#12
1,3-Dichlorobenzene
Concen: 39.404 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Tgt Ion:146 Resp: 233647
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 32.5 28.2 42.2





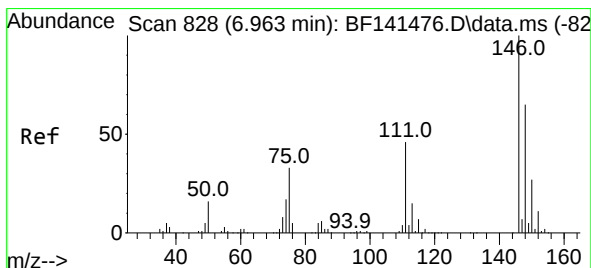
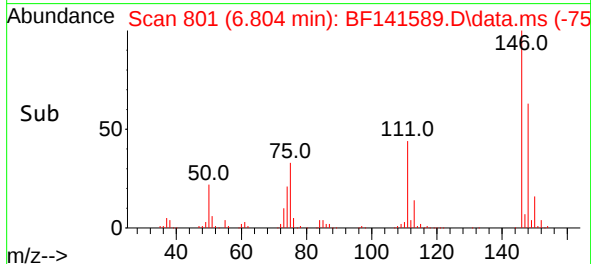
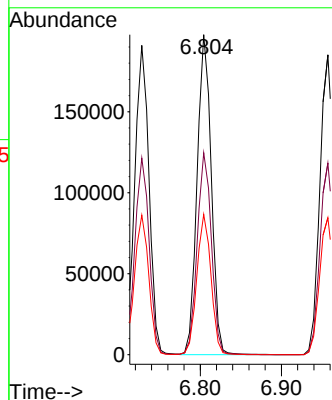
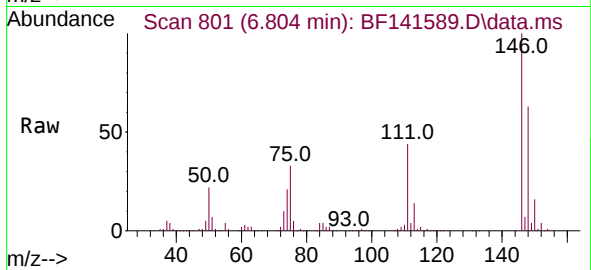
#13
1,4-Dichlorobenzene
Concen: 39.677 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion:146 Resp: 240375
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
111 43.9 35.9 53.9

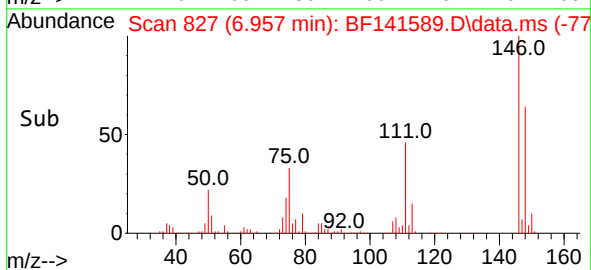
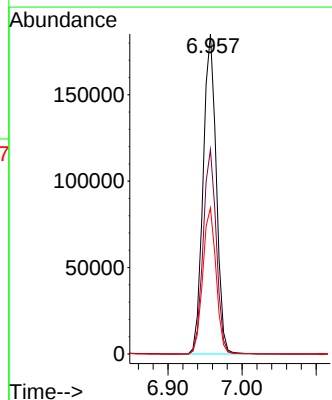
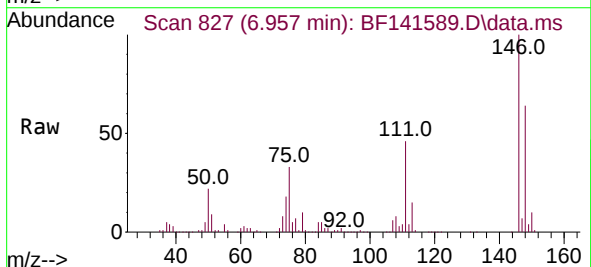
Manual Integrations
APPROVED

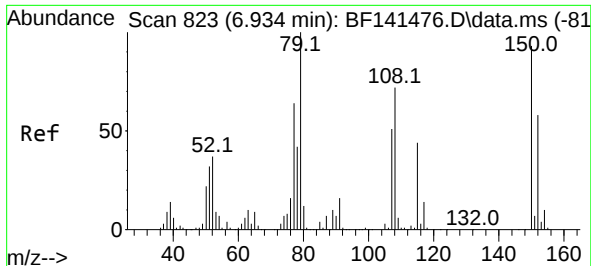
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#14
1,2-Dichlorobenzene
Concen: 40.805 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

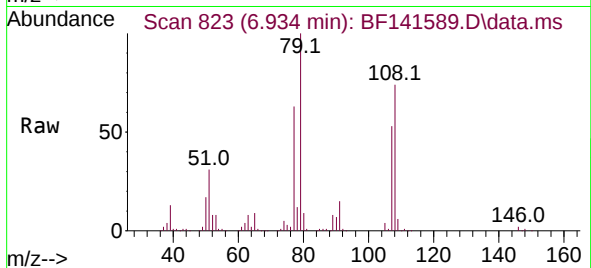
Tgt Ion:146 Resp: 229440
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
111 45.6 37.0 55.4





#15
Benzyl Alcohol
Concen: 40.178 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

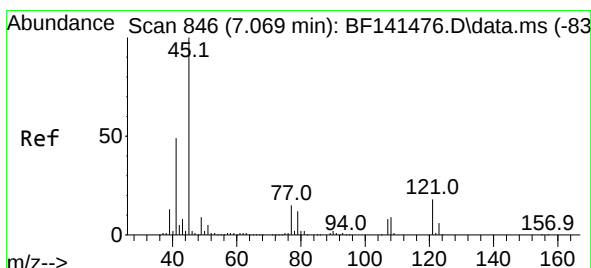
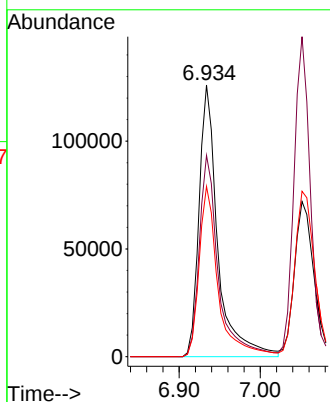
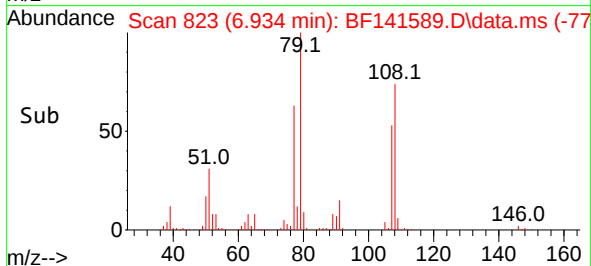
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



Tgt Ion: 79 Resp: 202410
Ion Ratio Lower Upper
79 100
108 74.1 57.4 86.2
77 62.7 50.9 76.3

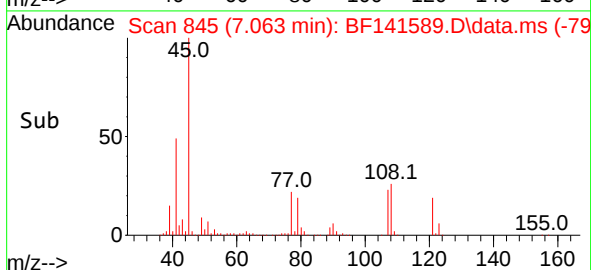
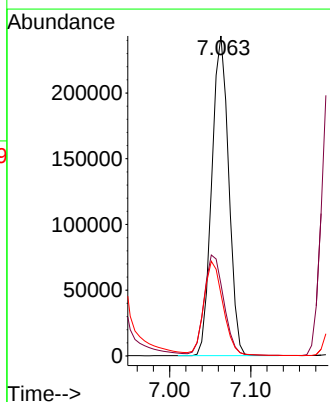
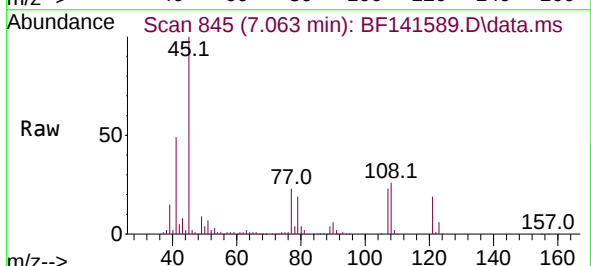
Manual Integrations
APPROVED

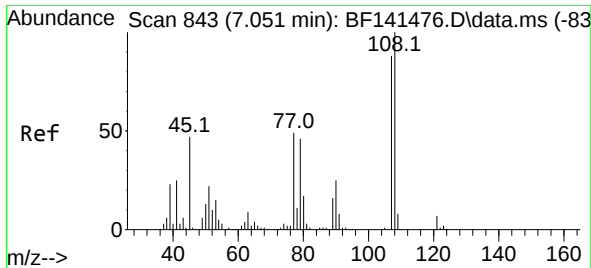
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.924 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

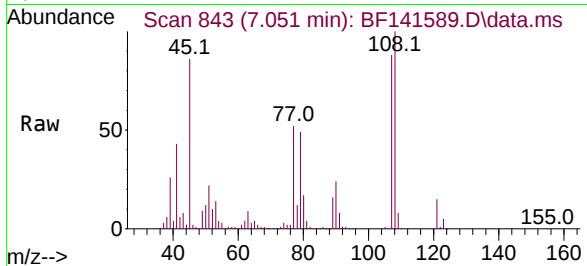
Tgt Ion: 45 Resp: 351003
Ion Ratio Lower Upper
45 100
77 22.5 0.0 35.8
79 19.4 0.0 32.7





#17
2-Methylphenol
Concen: 41.696 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

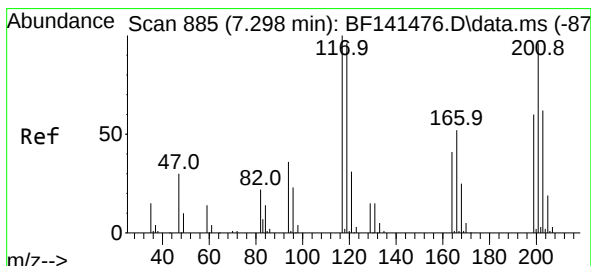
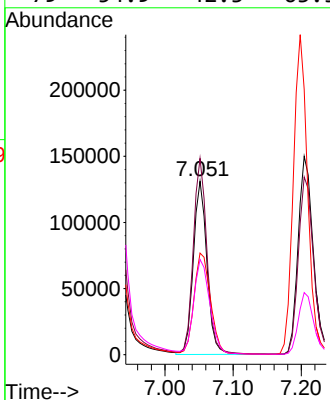
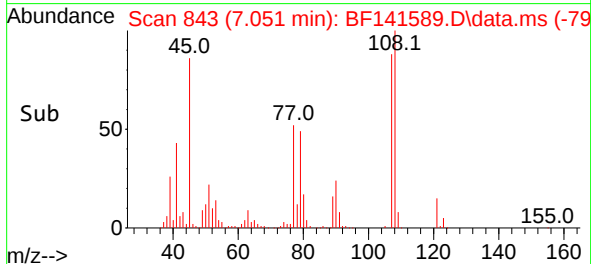
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



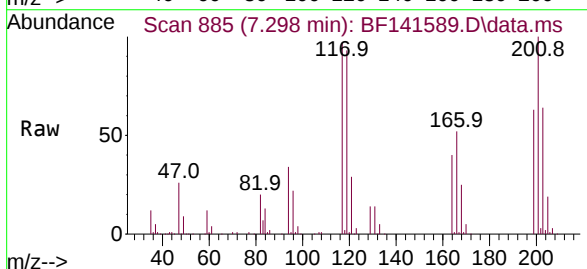
Tgt Ion:107 Resp: 183260
Ion Ratio Lower Upper
107 100
108 113.2 90.6 136.0
77 58.5 44.4 66.6
79 54.9 42.3 63.5

Manual Integrations
APPROVED

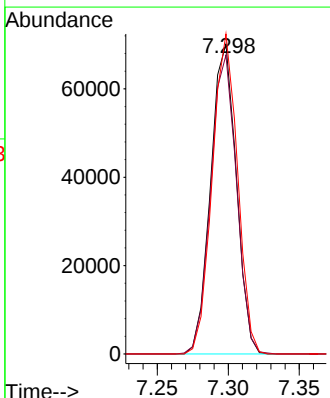
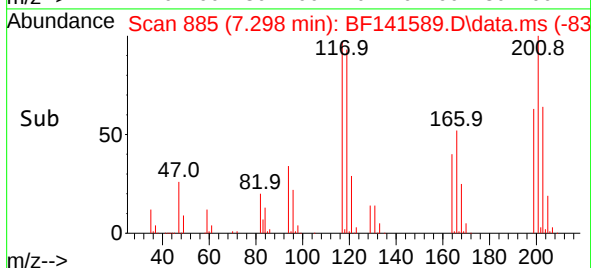
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

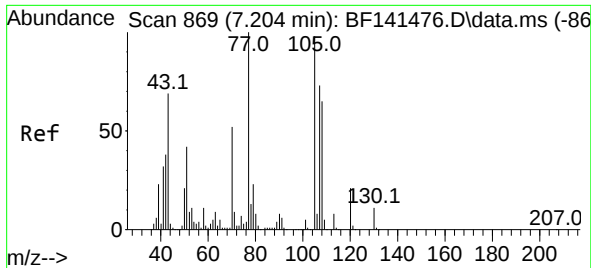


#18
Hexachloroethane
Concen: 39.190 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



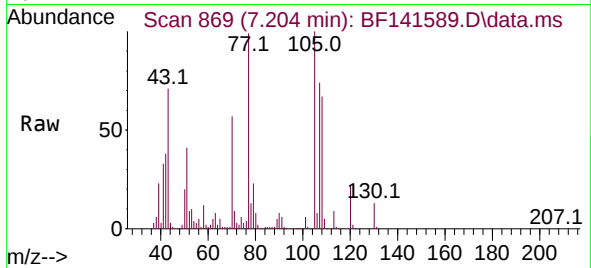
Tgt Ion:117 Resp: 87867
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7
201 103.3 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.619 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

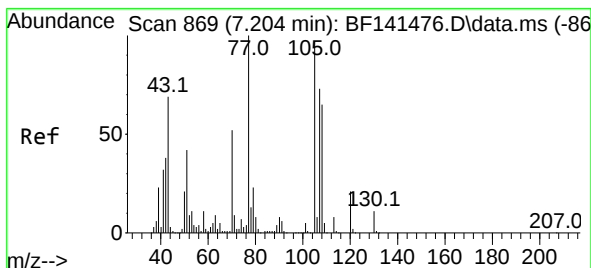
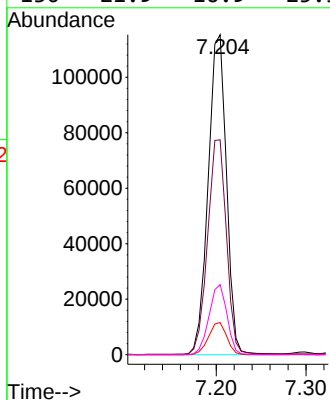
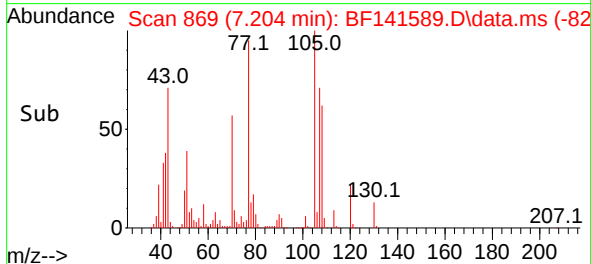
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



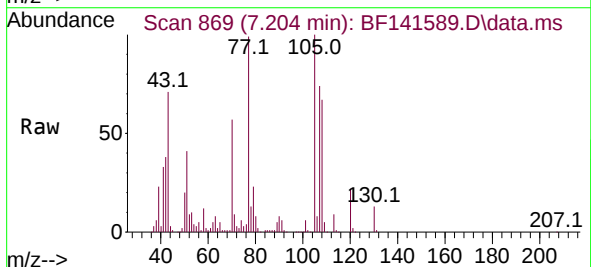
Tgt Ion: 70 Resp: 163554
Ion Ratio Lower Upper
70 100
42 67.1 57.4 86.2
101 10.1 8.0 12.0
130 21.9 16.9 25.3

Manual Integrations
APPROVED

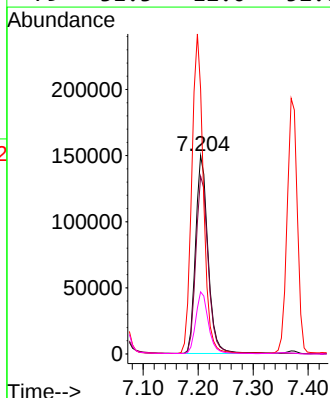
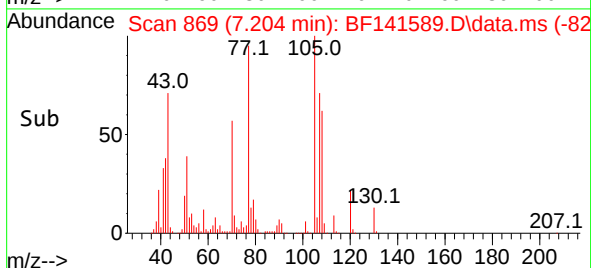
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#20
3+4-Methylphenols
Concen: 42.170 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



Tgt Ion:107 Resp: 235551
Ion Ratio Lower Upper
107 100
108 89.6 68.5 108.5
77 133.6 116.5 156.5
79 31.3 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

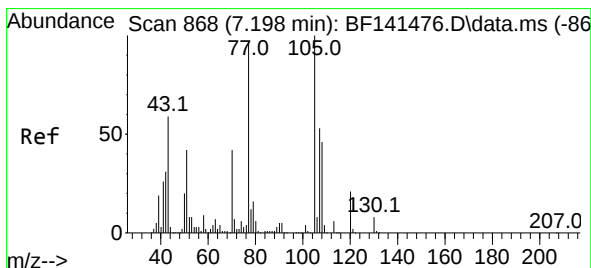
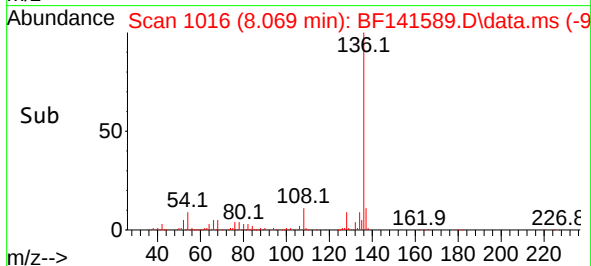
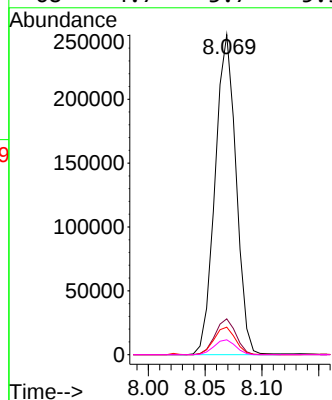
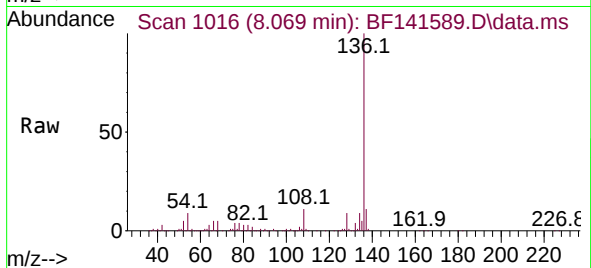
WC-9MSD

Tgt Ion:136 Resp: 32191
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.6 7.2 10.8
68 4.7 3.7 5.5

Manual Integrations

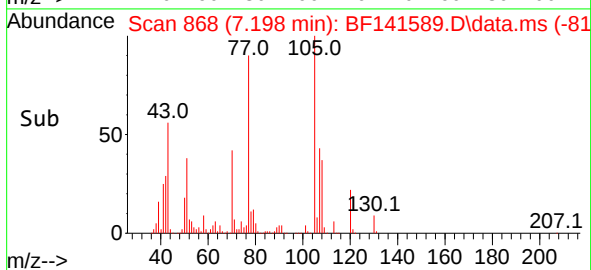
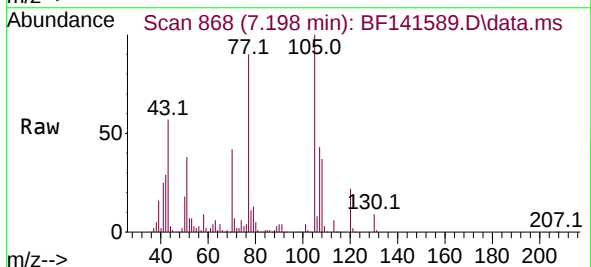
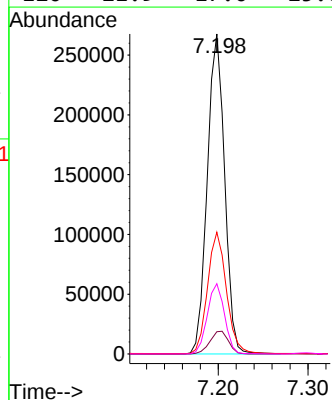
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#22
Acetophenone
Concen: 44.970 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Tgt Ion:105 Resp: 360109
Ion Ratio Lower Upper
105 100
71 7.0 5.7 8.5
51 38.0 33.7 50.5
120 21.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 91.307 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

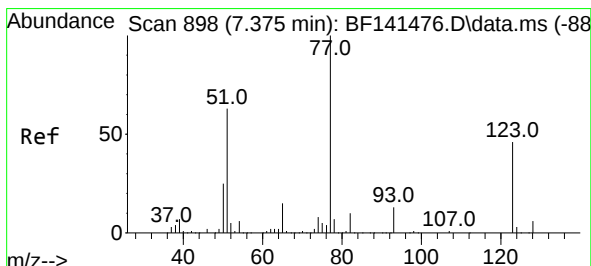
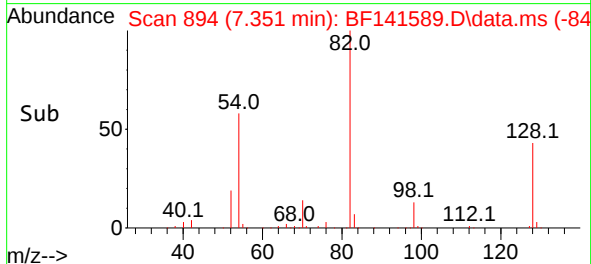
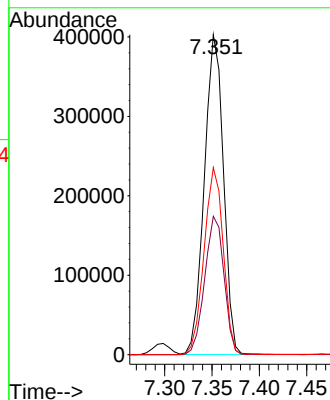
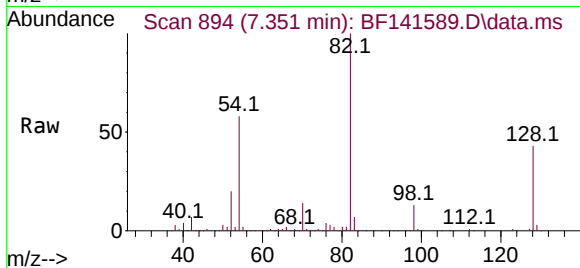
WC-9MSD

Tgt Ion: 82 Resp: 56353
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.8 52.2
 54 58.4 48.2 72.4

Manual Integrations

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Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025



#24

Nitrobenzene

Concen: 41.048 ng

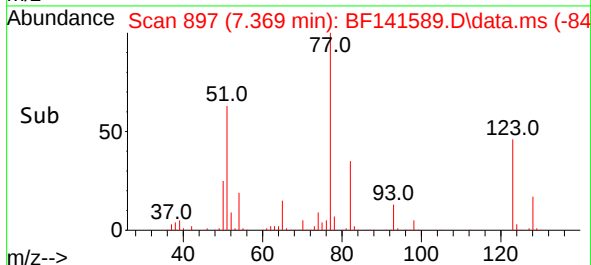
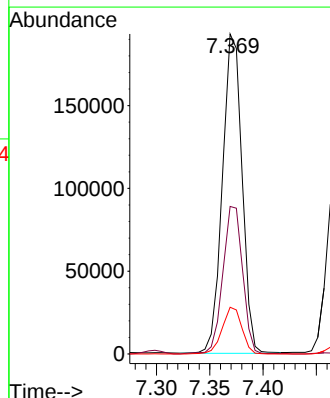
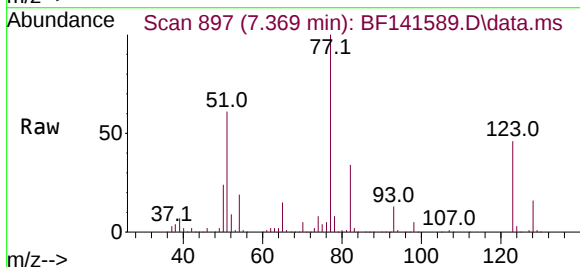
RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

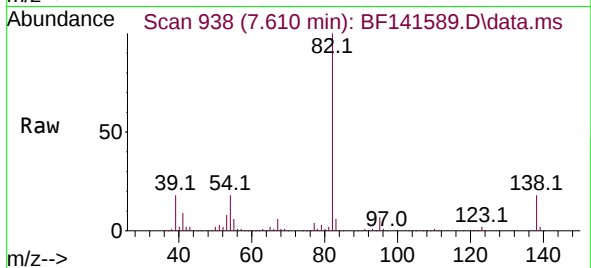
Tgt Ion: 77 Resp: 247042
 Ion Ratio Lower Upper
 77 100
 123 46.1 36.9 55.3
 65 14.6 11.9 17.9





#25
Isophorone
Concen: 44.915 ng
RT: 7.610 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

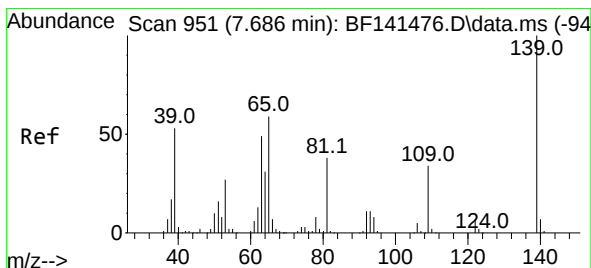
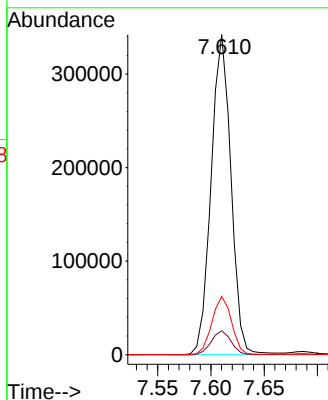
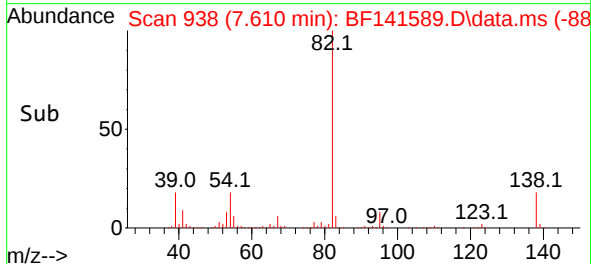
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



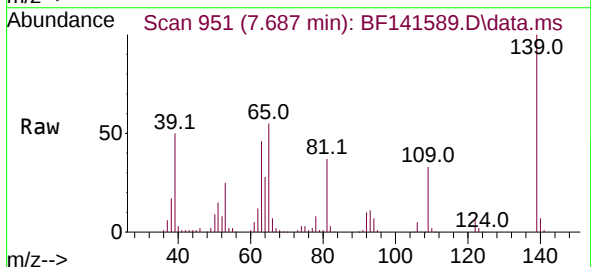
Tgt Ion: 82 Resp: 441999
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 18.2 13.9 20.9

Manual Integrations
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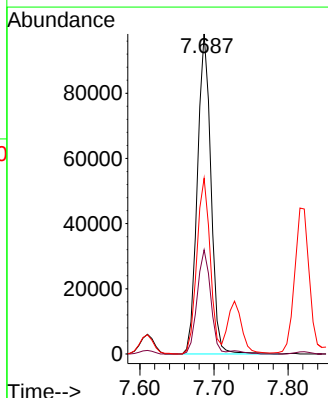
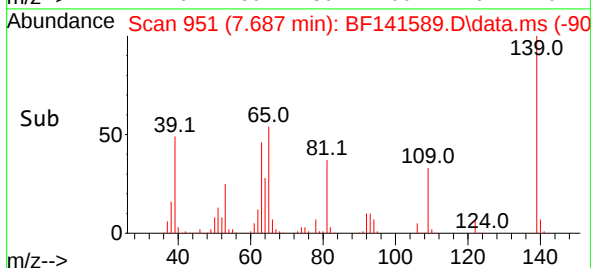
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

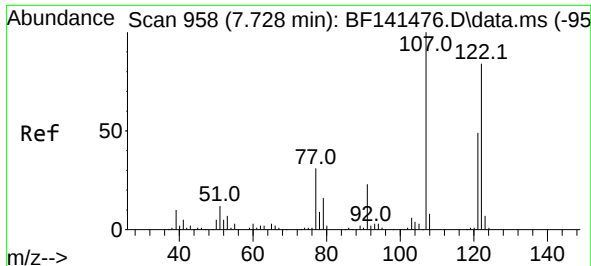


#26
2-Nitrophenol
Concen: 41.723 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



Tgt Ion:139 Resp: 124929
Ion Ratio Lower Upper
139 100
109 32.5 27.0 40.6
65 54.9 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 54.236 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141589.D

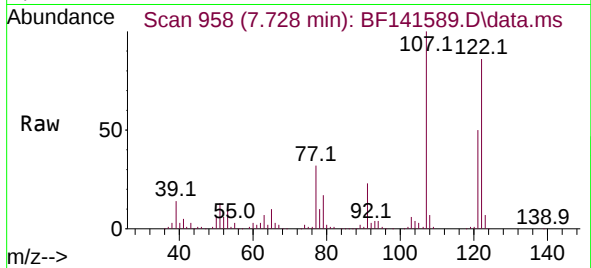
Acq: 12 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

WC-9MSD



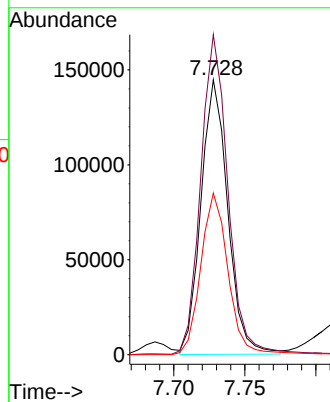
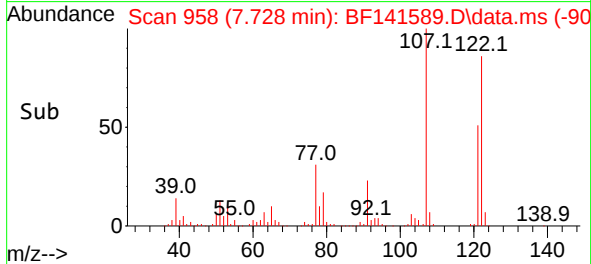
Tgt Ion:	122	Resp:	189714
Ion	Ratio	Lower	Upper
122	100		
107	116.4	94.3	141.5
121	58.8	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.029 ng

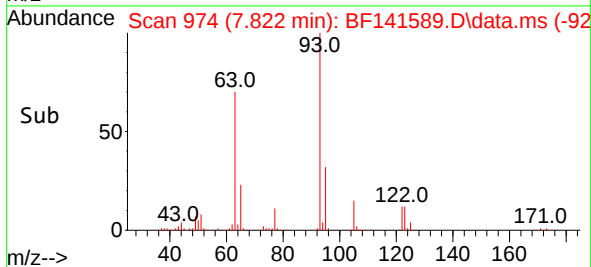
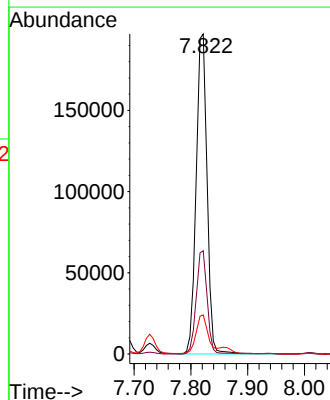
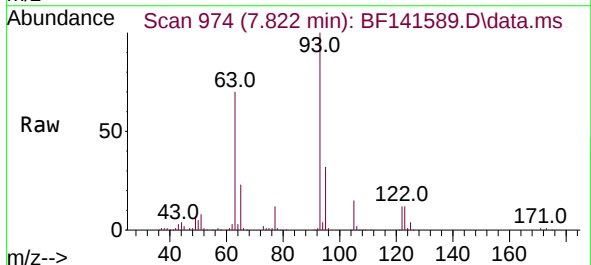
RT: 7.822 min Scan# 974

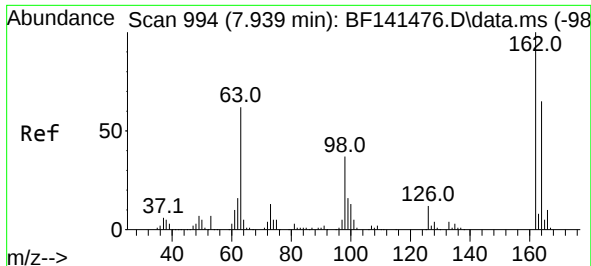
Delta R.T. -0.006 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

Tgt Ion:	93	Resp:	265027
Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	12.2	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 42.122 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141589.D

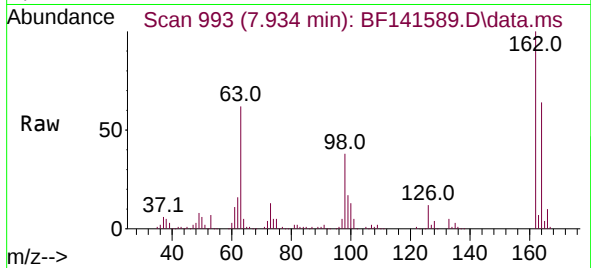
Acq: 12 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

WC-9MSD



Tgt Ion:162 Resp: 19907

Ion Ratio Lower Upper

162 100

164 64.4 44.6 84.6

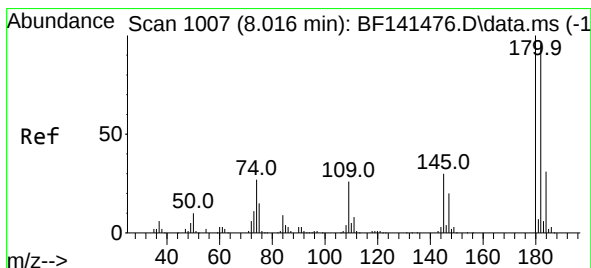
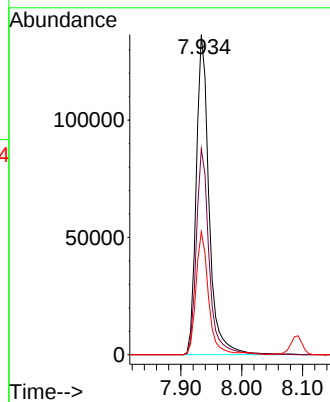
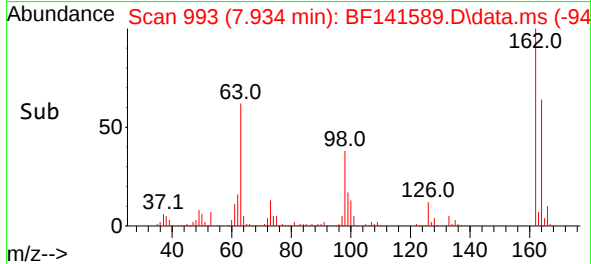
98 38.4 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.287 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

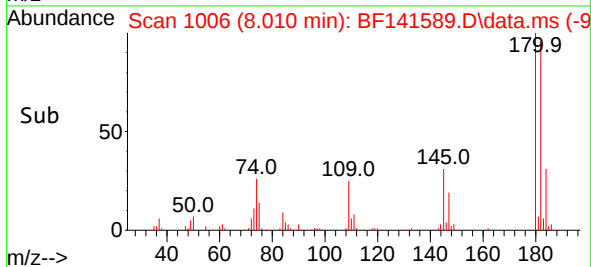
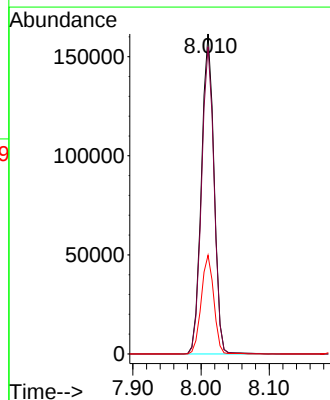
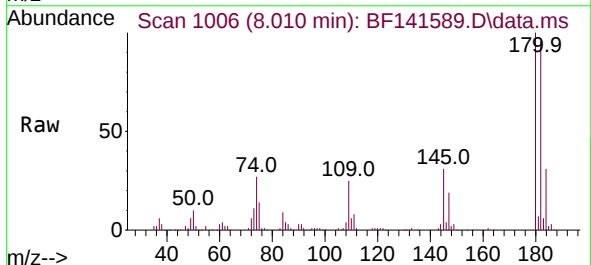
Tgt Ion:180 Resp: 207345

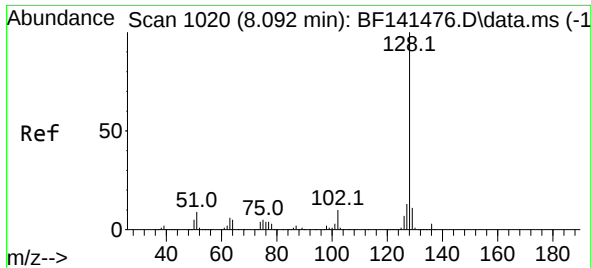
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

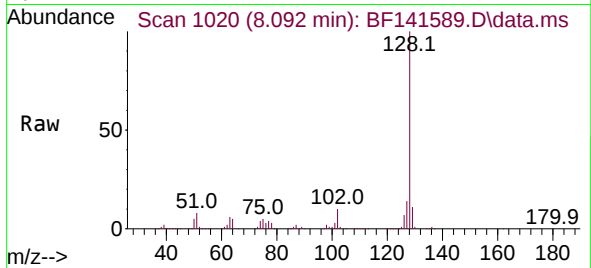
145 30.9 24.2 36.4





#31
Naphthalene
Concen: 40.240 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

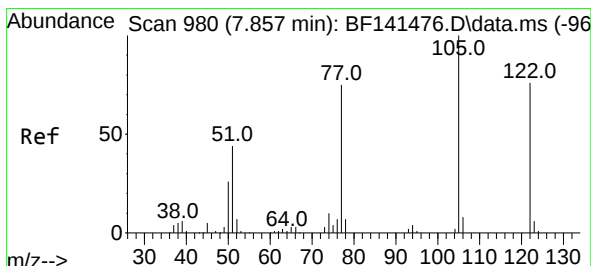
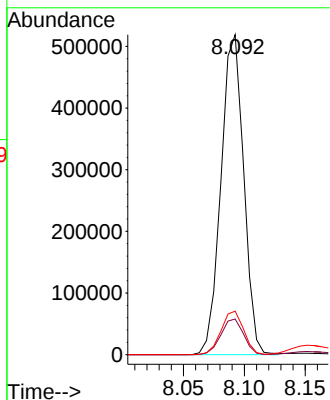
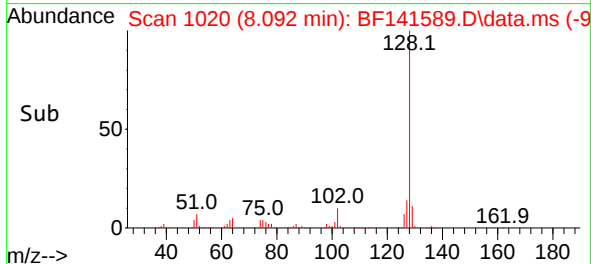
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



Tgt Ion:128 Resp: 674290
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.6 10.7 16.1

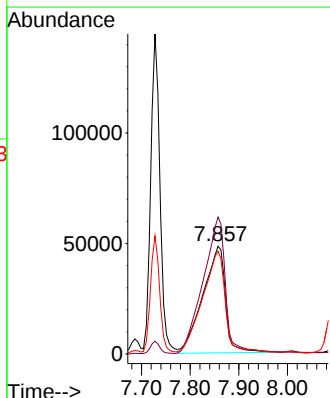
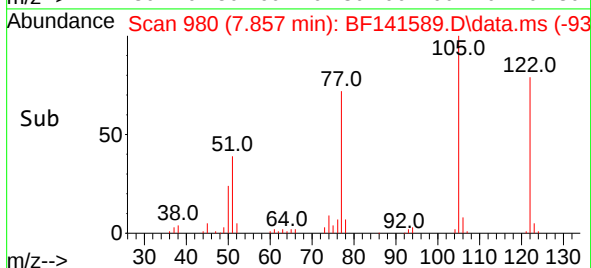
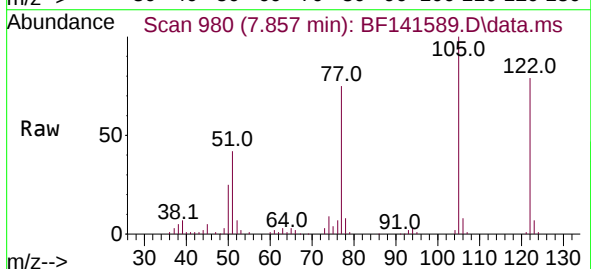
Manual Integrations
APPROVED

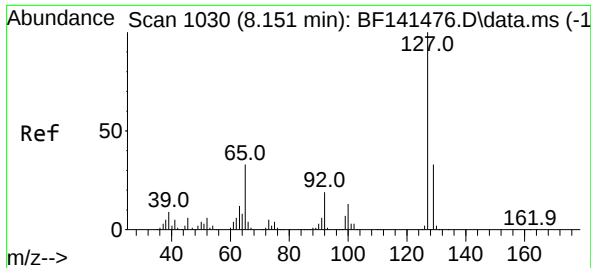
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#32
Benzoic acid
Concen: 42.999 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Tgt Ion:122 Resp: 156229
Ion Ratio Lower Upper
122 100
105 127.1 106.5 146.5
77 95.5 76.3 116.3





#33
4-Chloroaniline
Concen: 7.570 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

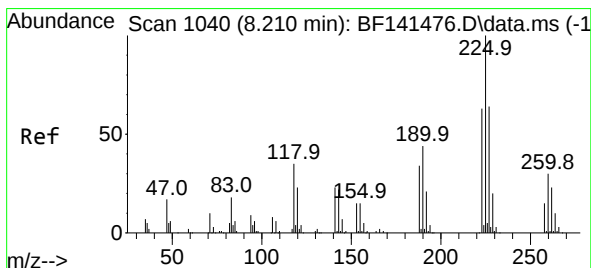
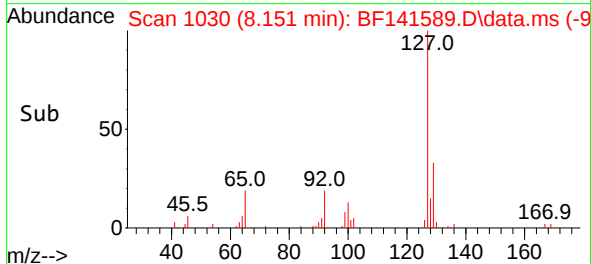
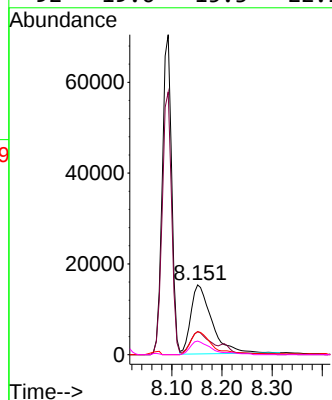
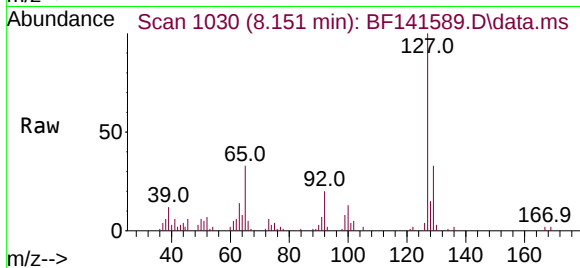
Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion:127 Resp: 44290

Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	33.0	26.4	39.6
92	19.6	15.3	22.9

Manual Integrations
APPROVED

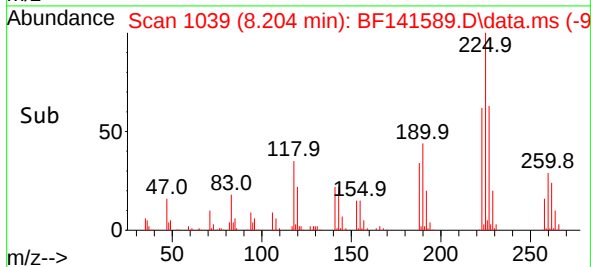
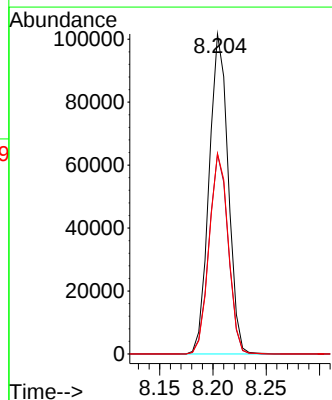
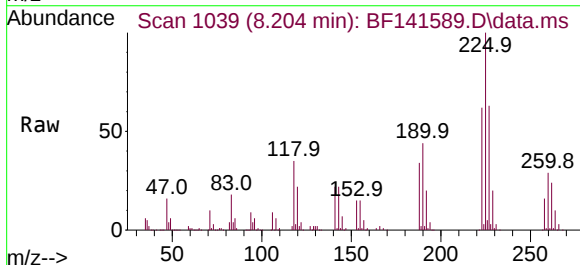
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

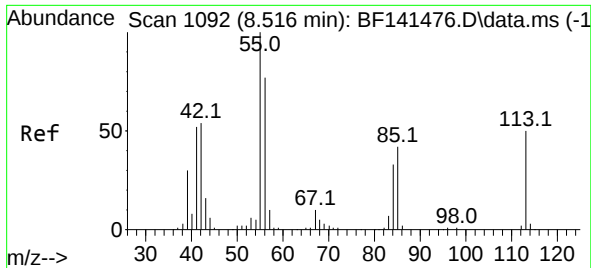


#34
Hexachlorobutadiene
Concen: 41.032 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Tgt Ion:225 Resp: 126776

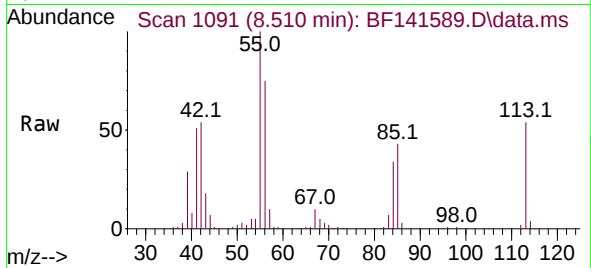
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	62.6	51.0	76.6





#35
 Caprolactam
 Concen: 43.017 ng m
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.035 min
 Lab File: BF141589.D
 Acq: 12 Feb 2025 14:50

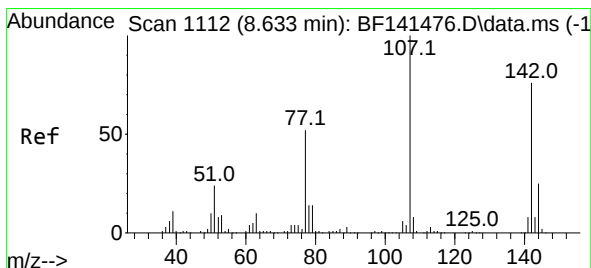
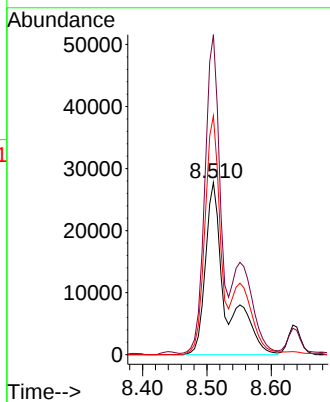
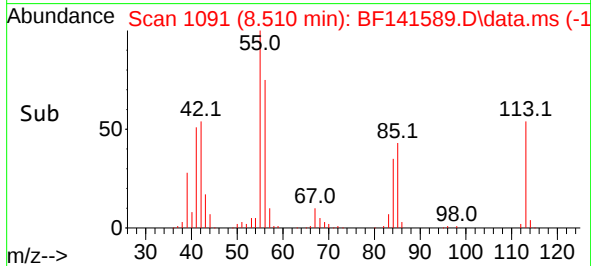
Instrument :
 BNA_F
 ClientSampleId :
 WC-9MSD



Tgt Ion:113 Resp: 61900
 Ion Ratio Lower Upper
 113 100
 55 185.9 180.8 220.8
 56 138.8 133.6 173.6

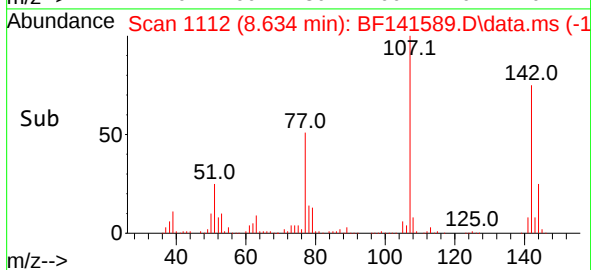
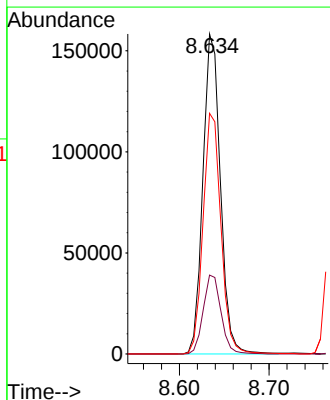
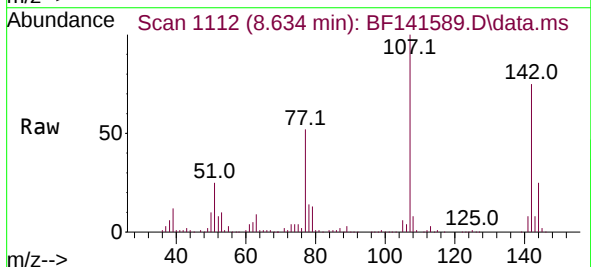
Manual Integrations
 APPROVED

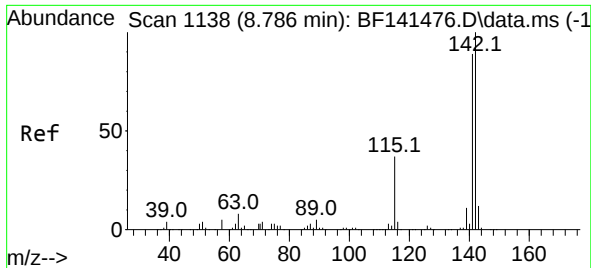
Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025



#36
 4-Chloro-3-methylphenol
 Concen: 41.052 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141589.D
 Acq: 12 Feb 2025 14:50

Tgt Ion:107 Resp: 214915
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.7 29.5
 142 75.2 60.8 91.2





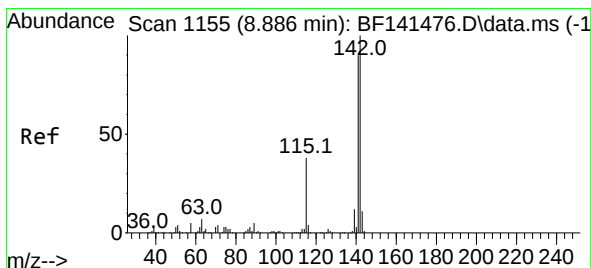
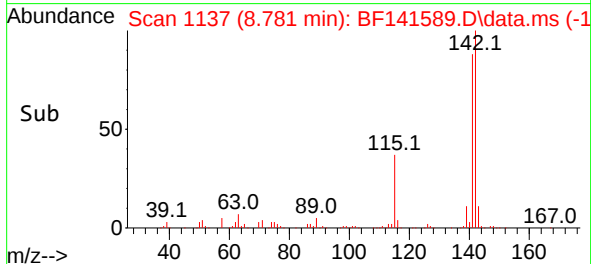
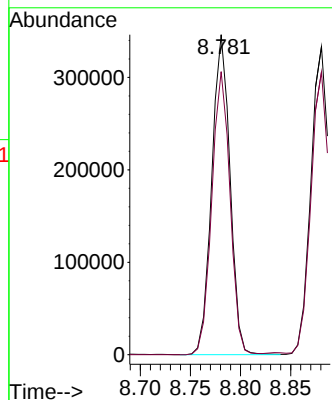
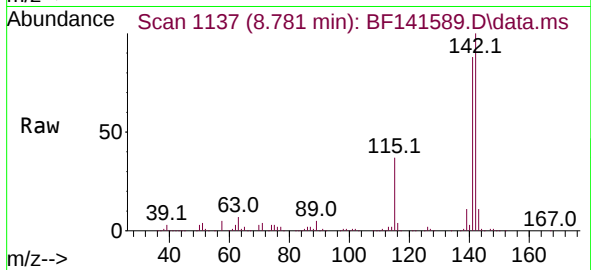
#37
2-Methylnaphthalene
Concen: 40.168 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion:142 Resp: 43799
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8

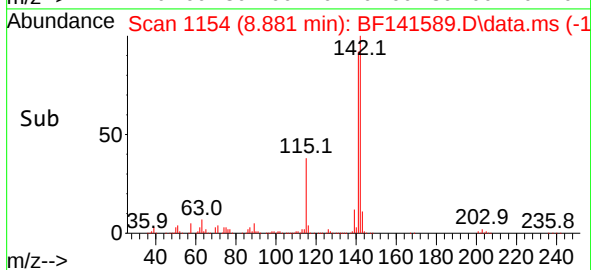
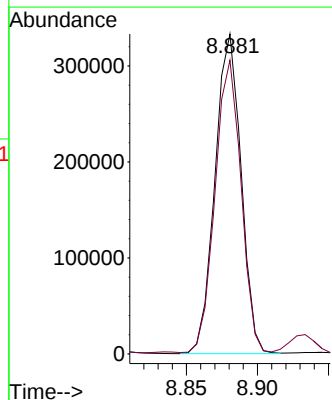
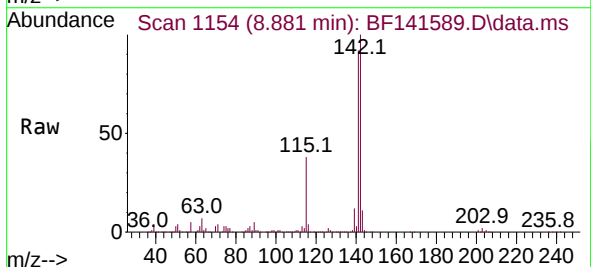
Manual Integrations
APPROVED

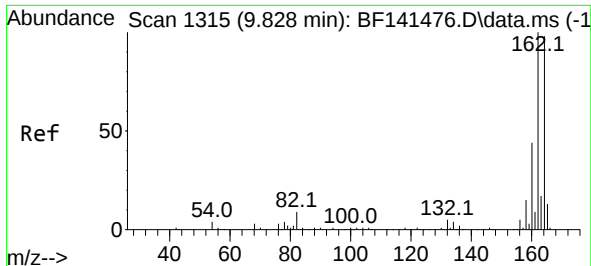
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#38
1-Methylnaphthalene
Concen: 40.227 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

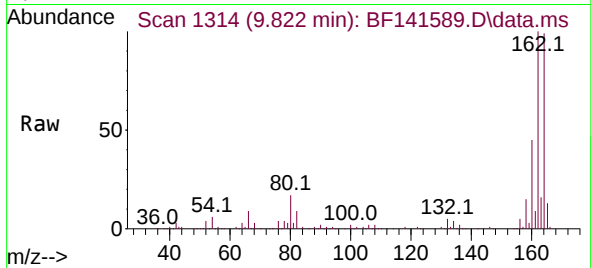
Tgt Ion:142 Resp: 424838
Ion Ratio Lower Upper
142 100
141 91.8 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

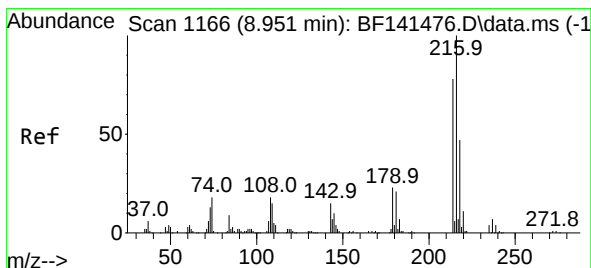
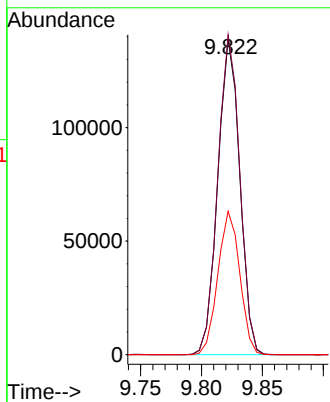
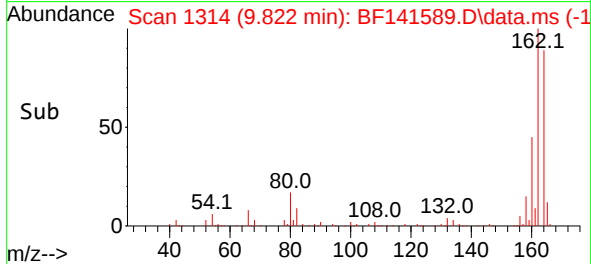
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



Tgt Ion:164 Resp: 174524
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 45.5 35.9 53.9

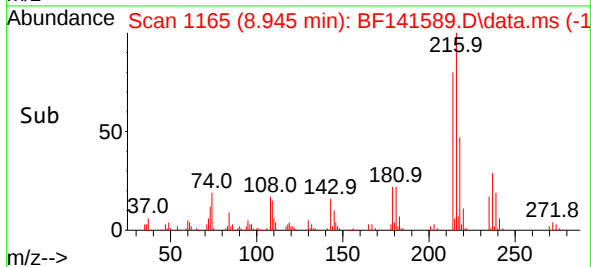
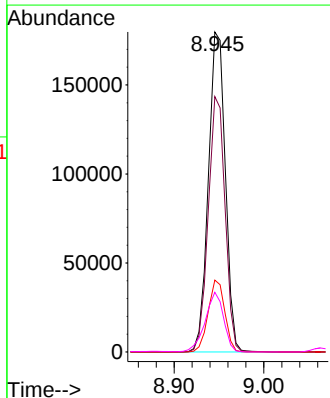
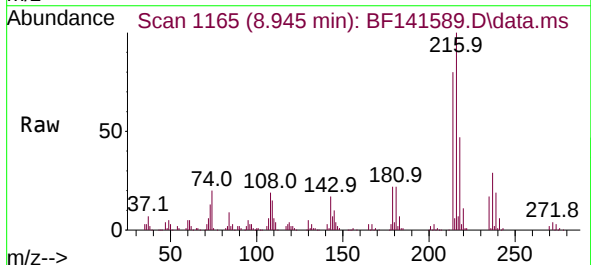
Manual Integrations
APPROVED

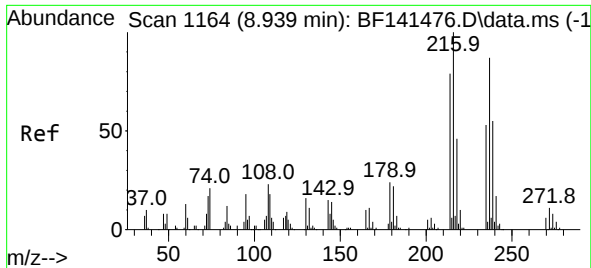
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.664 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

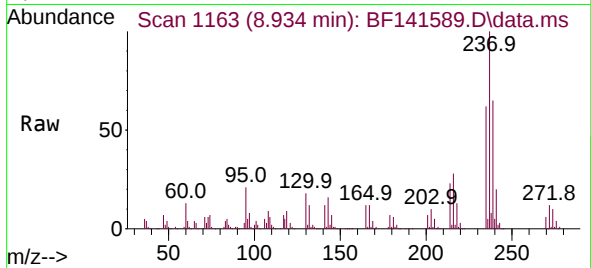
Tgt Ion:216 Resp: 235618
Ion Ratio Lower Upper
216 100
214 79.3 62.3 93.5
179 22.0 18.0 27.0
108 20.4 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 123.794 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

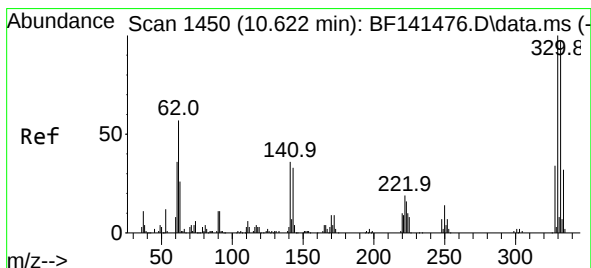
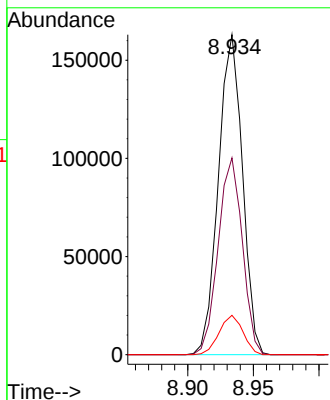
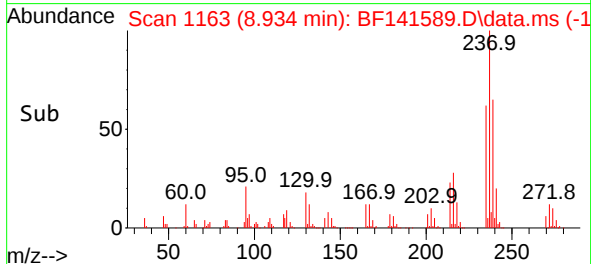
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



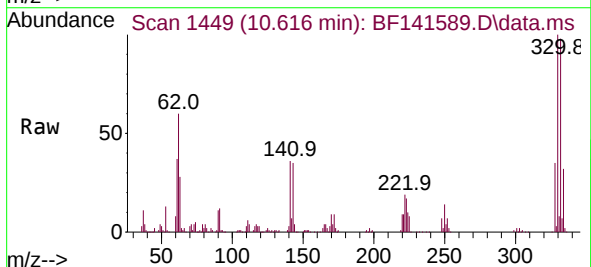
Tgt Ion: 237 Resp: 207900
Ion Ratio Lower Upper
237 100
235 61.5 41.4 81.4
272 12.3 0.0 32.4

Manual Integrations
APPROVED

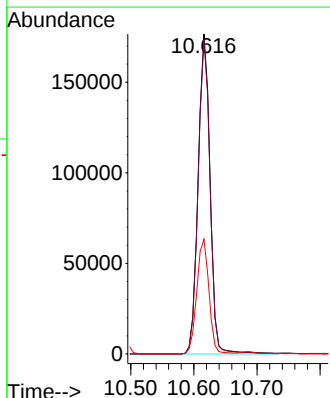
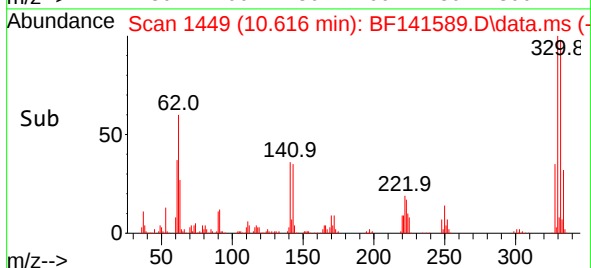
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#42
2,4,6-Tribromophenol
Concen: 132.475 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



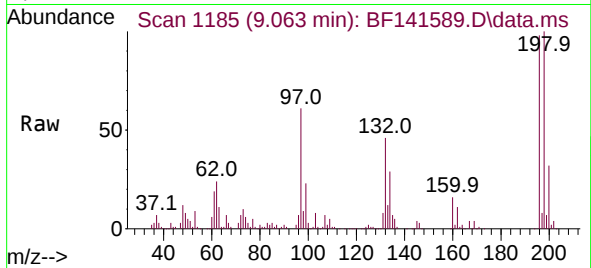
Tgt Ion: 330 Resp: 232251
Ion Ratio Lower Upper
330 100
332 98.6 78.5 117.7
141 36.3 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 42.310 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

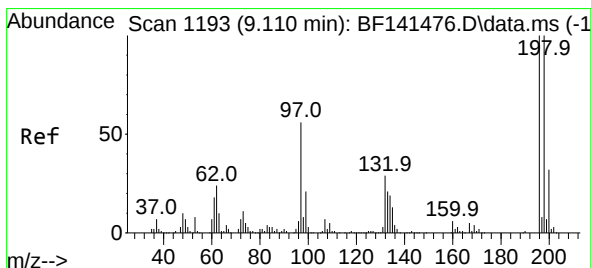
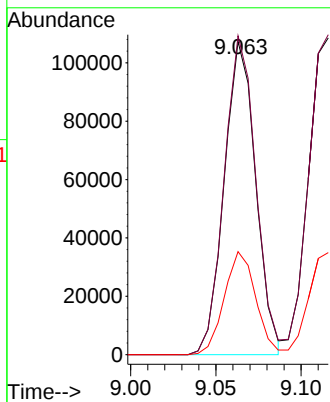
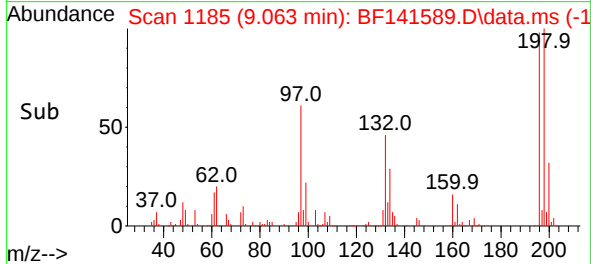
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



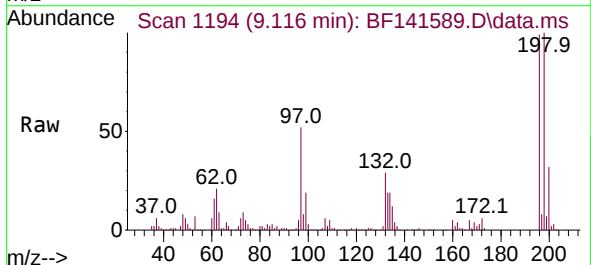
Tgt Ion:196 Resp: 138072
Ion Ratio Lower Upper
196 100
198 101.8 80.6 121.0
200 32.9 25.5 38.3

Manual Integrations
APPROVED

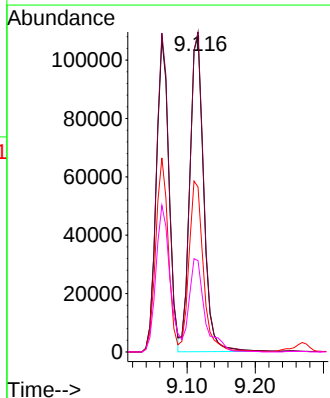
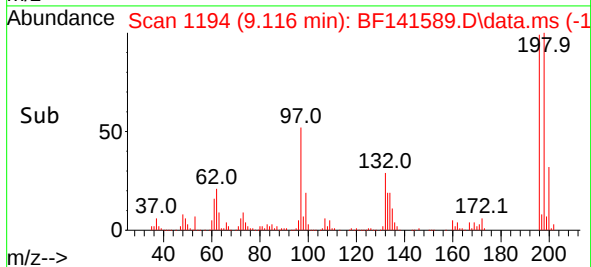
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

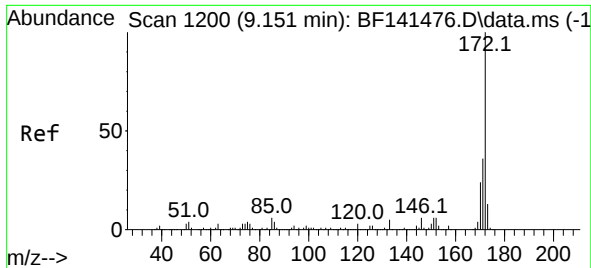


#44
2,4,5-Trichlorophenol
Concen: 43.273 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



Tgt Ion:196 Resp: 153046
Ion Ratio Lower Upper
196 100
198 101.0 79.8 119.8
97 52.1 44.8 67.2
132 28.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 91.939 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

WC-9MSD

Tgt Ion:172 Resp: 104148

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

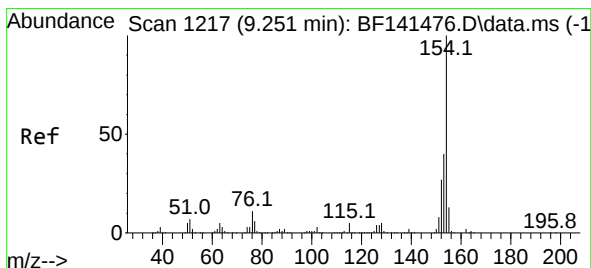
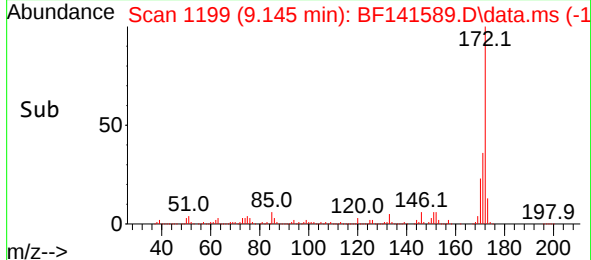
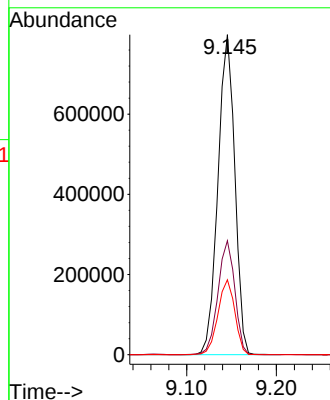
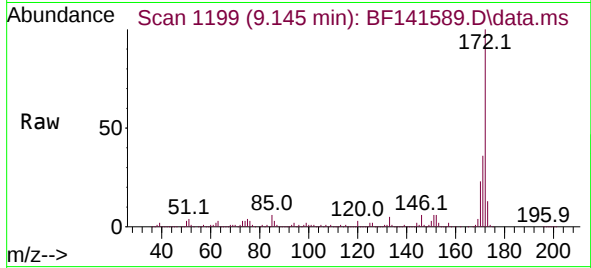
170 23.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#46

1,1'-Biphenyl

Concen: 46.511 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

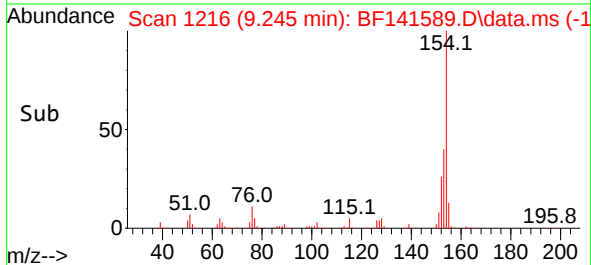
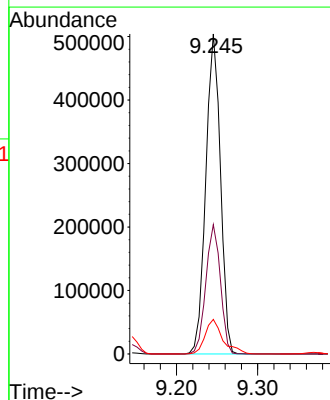
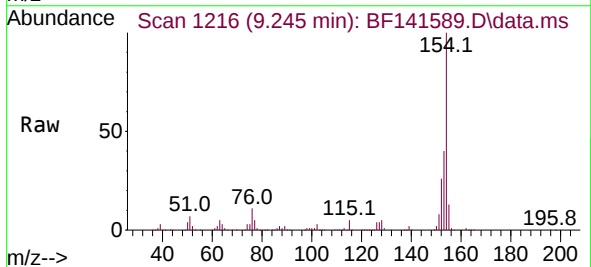
Tgt Ion:154 Resp: 629311

Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

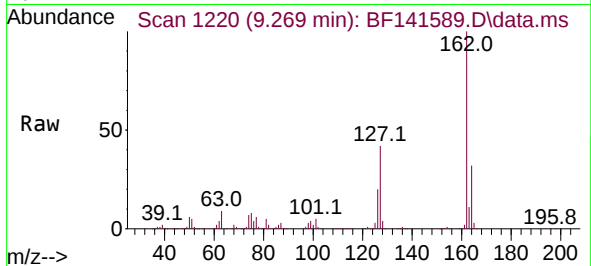
76 10.8 0.0 30.8





#47
2-Chloronaphthalene
Concen: 43.059 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

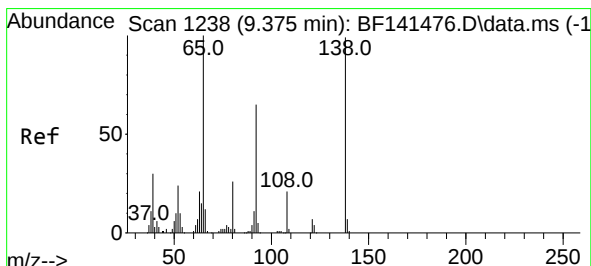
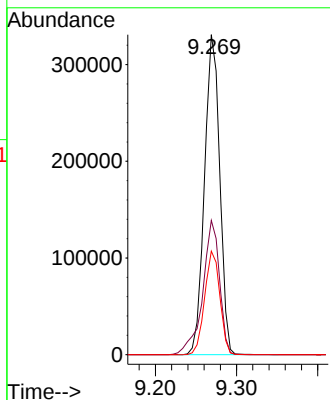
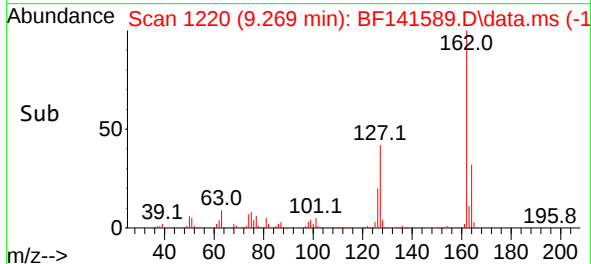
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



Tgt Ion:162 Resp: 430825
Ion Ratio Lower Upper
162 100
127 41.9 34.1 51.1
164 32.3 26.3 39.5

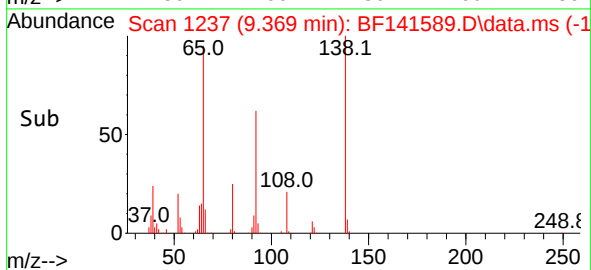
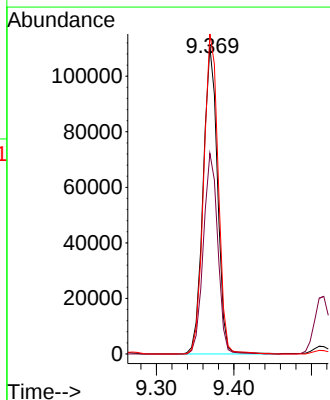
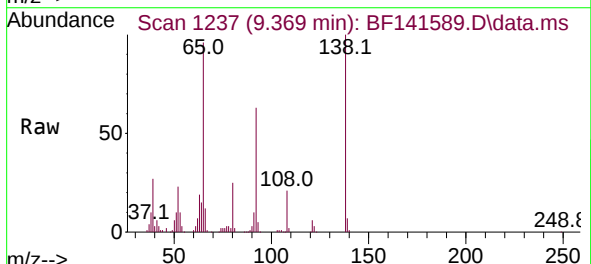
Manual Integrations
APPROVED

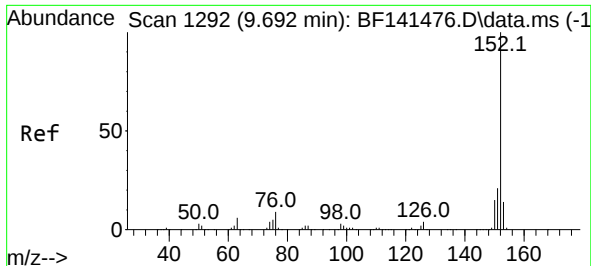
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#48
2-Nitroaniline
Concen: 42.478 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

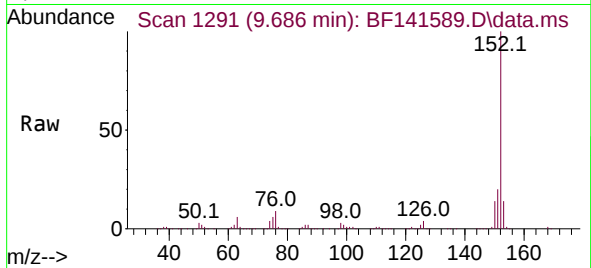
Tgt Ion: 65 Resp: 142635
Ion Ratio Lower Upper
65 100
92 65.3 52.2 78.2
138 104.2 79.5 119.3





#49
Acenaphthylene
Concen: 44.483 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

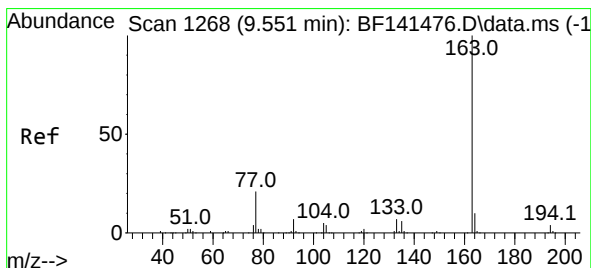
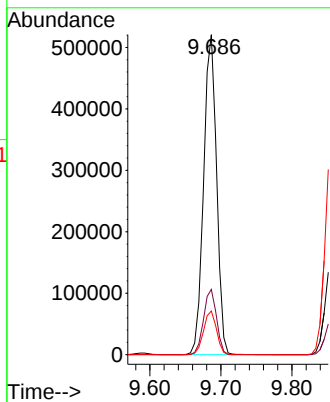
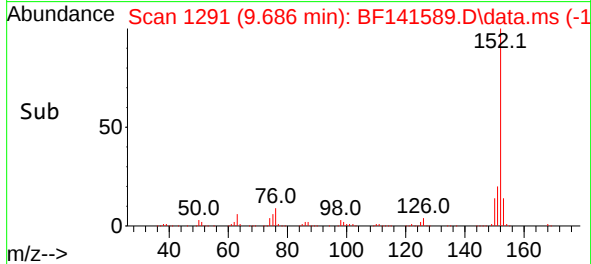
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



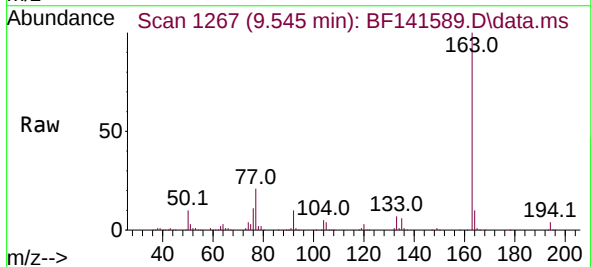
Tgt Ion:152 Resp: 661990
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.6 10.9 16.3

Manual Integrations
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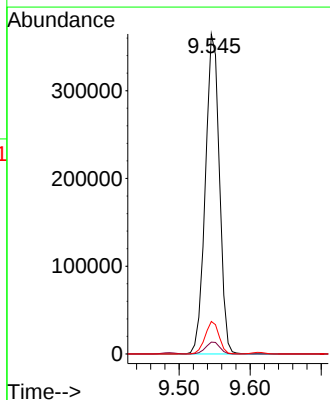
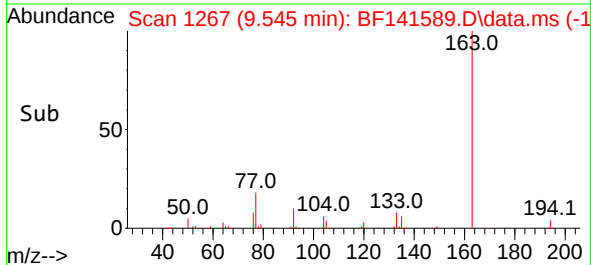
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#50
Dimethylphthalate
Concen: 42.358 ng
RT: 9.545 min Scan# 1267
Delta R.T. -0.017 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



Tgt Ion:163 Resp: 501862
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 7.9 11.9





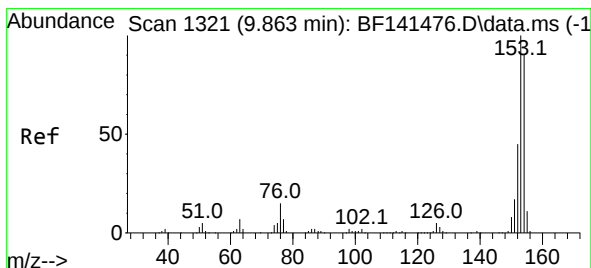
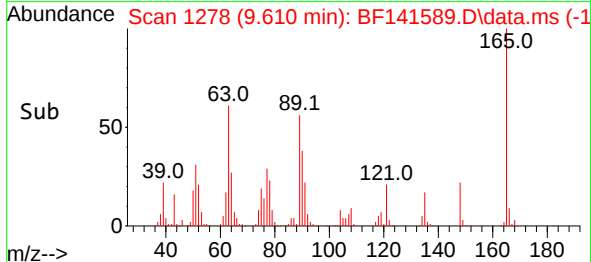
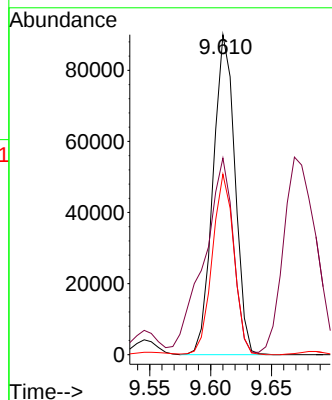
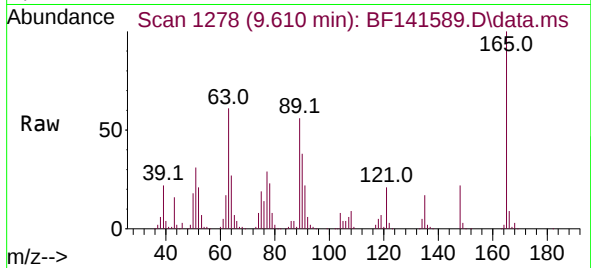
#51
2,6-Dinitrotoluene
Concen: 43.498 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion:165 Resp: 11266
Ion Ratio Lower Upper
165 100
63 61.5 49.4 74.0
89 56.4 46.5 69.7

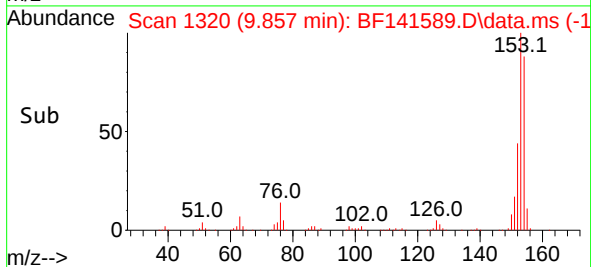
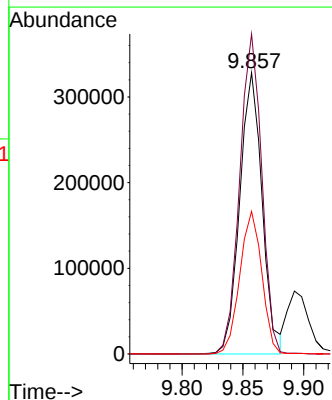
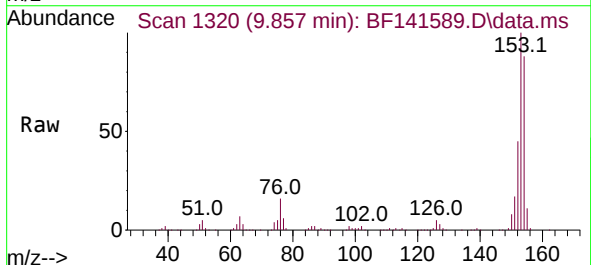
Manual Integrations
APPROVED

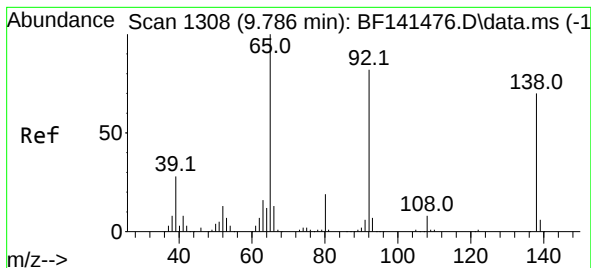
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#52
Acenaphthene
Concen: 42.085 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Tgt Ion:154 Resp: 421056
Ion Ratio Lower Upper
154 100
153 113.8 89.2 133.8
152 50.7 39.8 59.8





#53

3-Nitroaniline

Concen: 11.412 ng

RT: 9.781 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

WC-9MSD

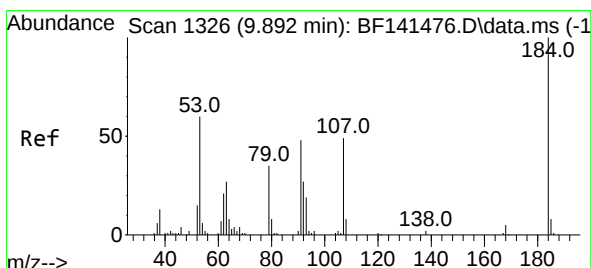
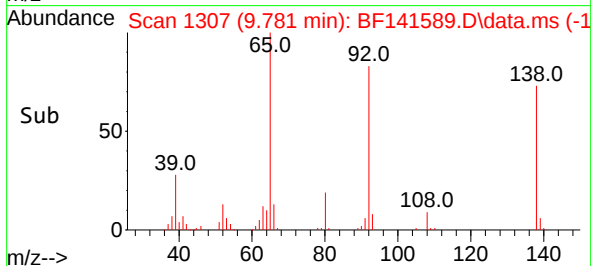
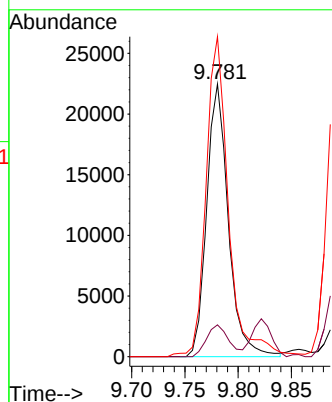
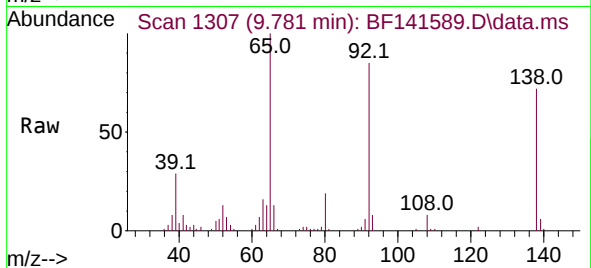
Tgt Ion:138 Resp: 3181

Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.4
92	117.4	93.7	140.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#54

2,4-Dinitrophenol

Concen: 96.743 ng

RT: 9.892 min Scan# 1326

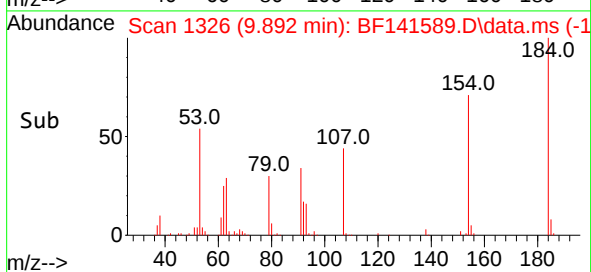
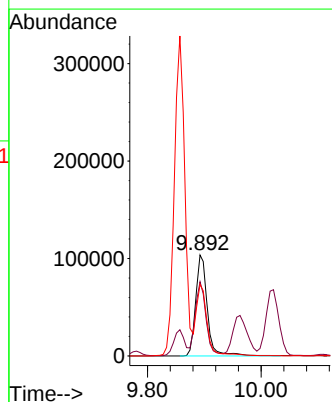
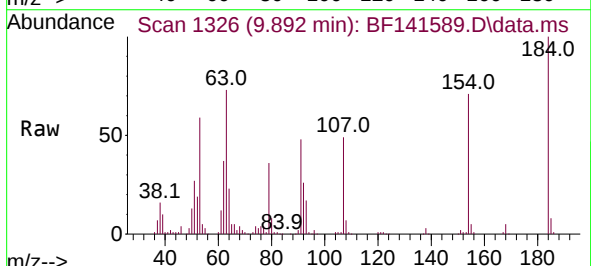
Delta R.T. -0.012 min

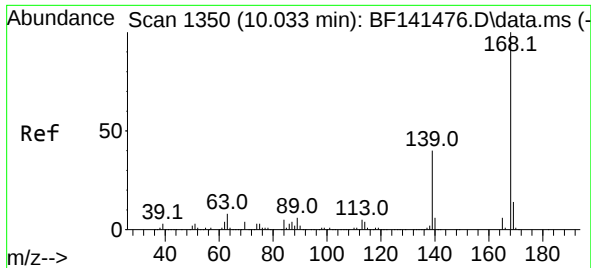
Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

Tgt Ion:184 Resp: 148920

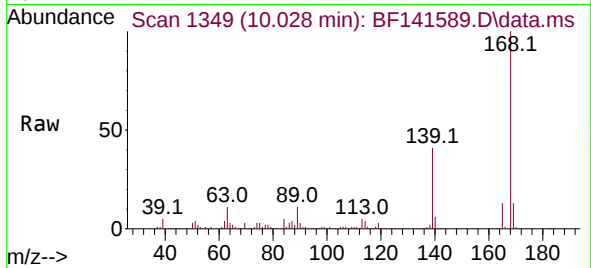
Ion	Ratio	Lower	Upper
184	100		
63	73.5	61.0	91.6
154	70.9	59.9	89.9





#55
Dibenzenofuran
Concen: 41.549 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

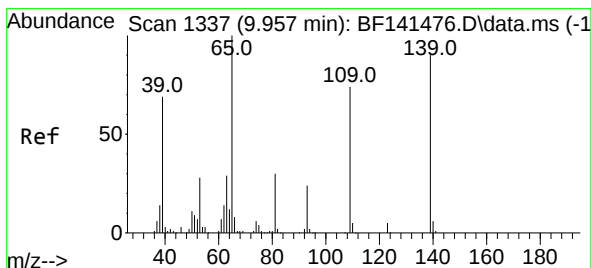
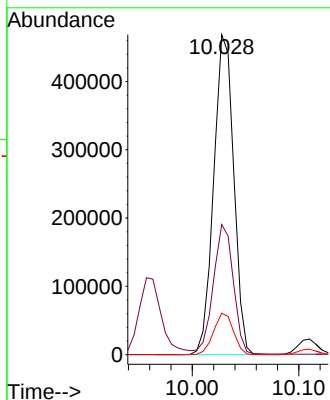
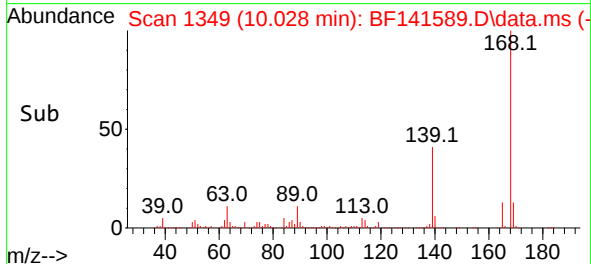
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



Tgt Ion:168 Resp: 610164
Ion Ratio Lower Upper
168 100
139 40.7 32.7 49.1
169 13.0 10.8 16.2

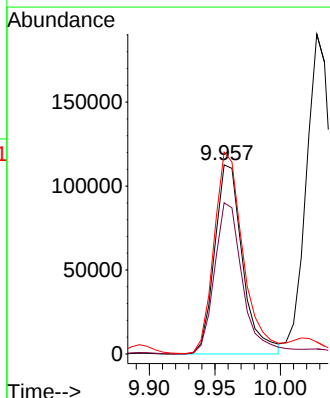
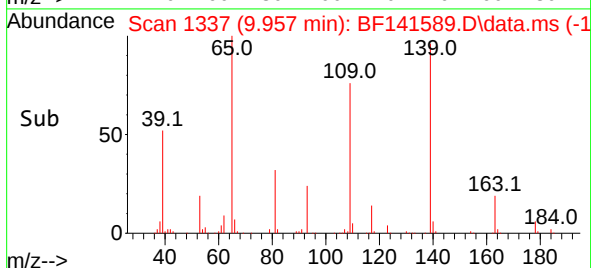
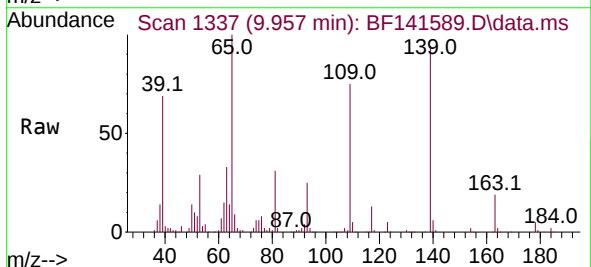
Manual Integrations
APPROVED

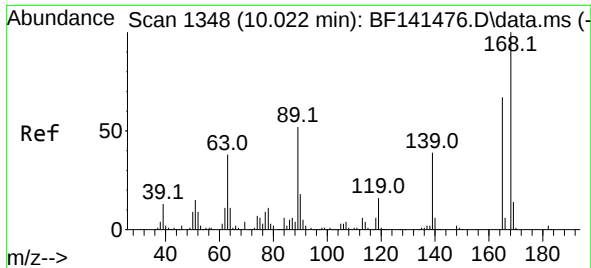
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#56
4-Nitrophenol
Concen: 80.548 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

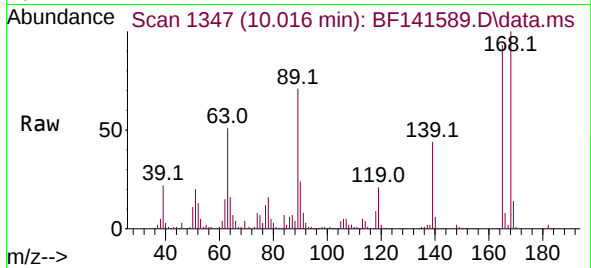
Tgt Ion:139 Resp: 166685
Ion Ratio Lower Upper
139 100
109 79.9 62.0 102.0
65 106.8 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 44.674 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

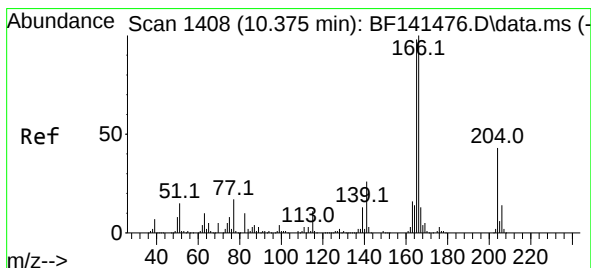
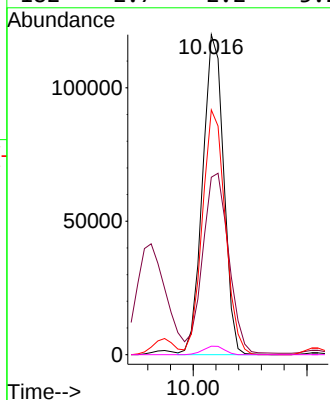
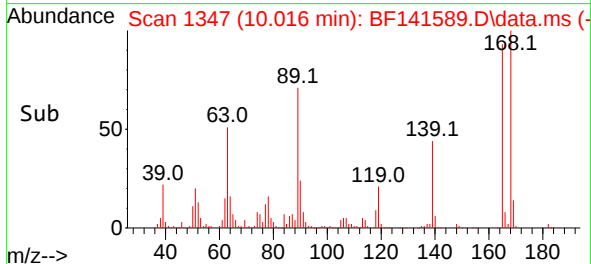
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



Tgt Ion:165 Resp: 15403
Ion Ratio Lower Upper
165 100
63 55.5 46.4 69.6
89 76.5 61.8 92.6
182 2.7 2.2 3.2

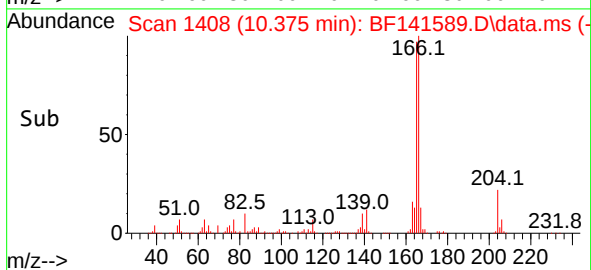
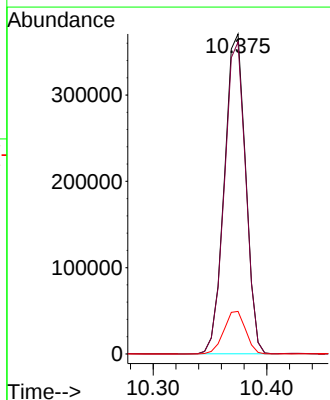
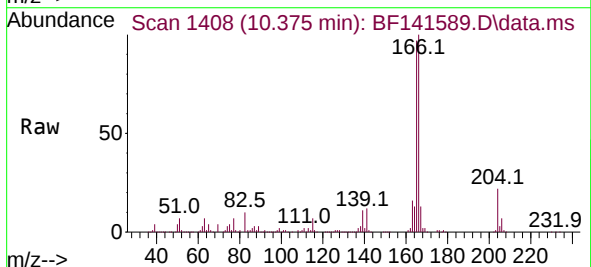
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#58
Fluorene
Concen: 42.417 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

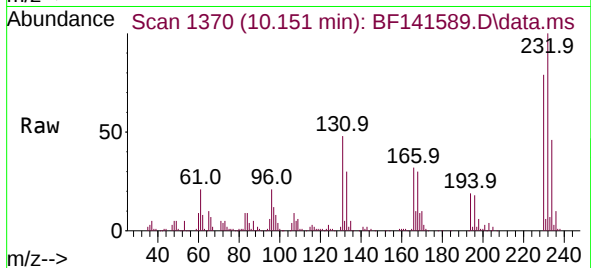
Tgt Ion:166 Resp: 481641
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.338 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

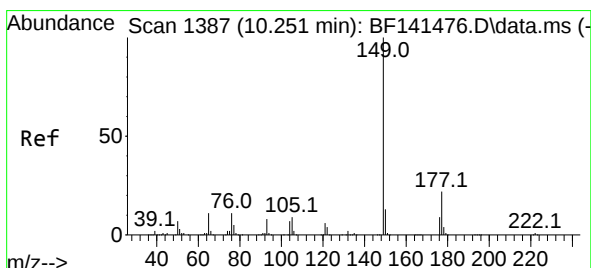
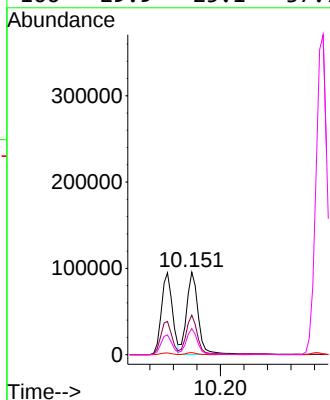
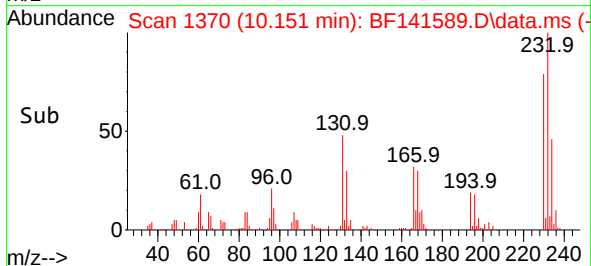
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



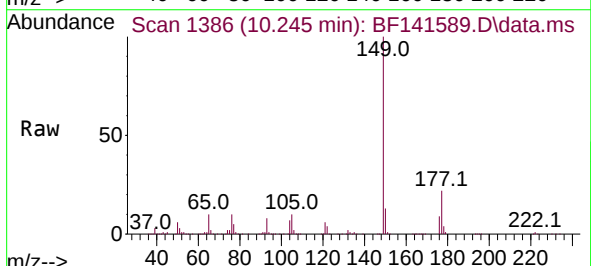
Tgt Ion:232 Resp: 131960
Ion Ratio Lower Upper
232 100
131 45.6 39.2 58.8
130 2.3 2.1 3.1
166 29.9 25.1 37.7

Manual Integrations
APPROVED

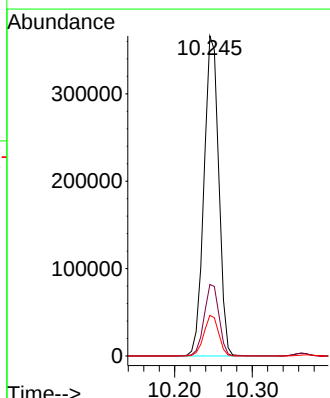
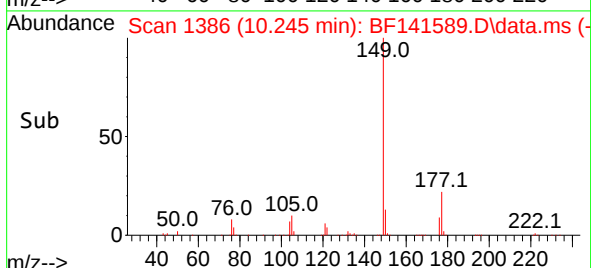
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

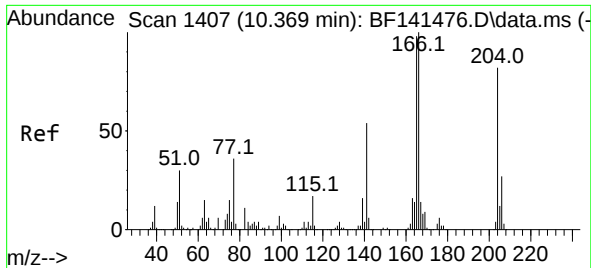


#60
Diethylphthalate
Concen: 41.508 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



Tgt Ion:149 Resp: 483863
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.7 10.1 15.1





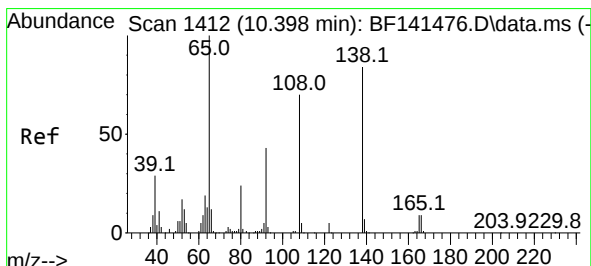
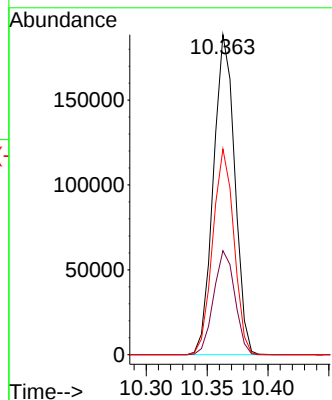
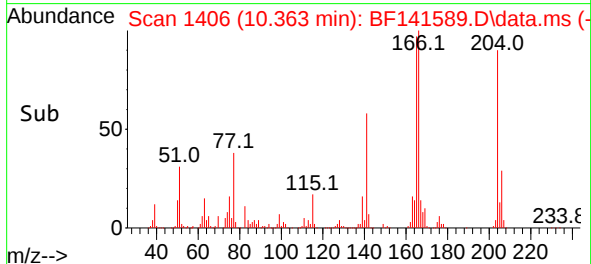
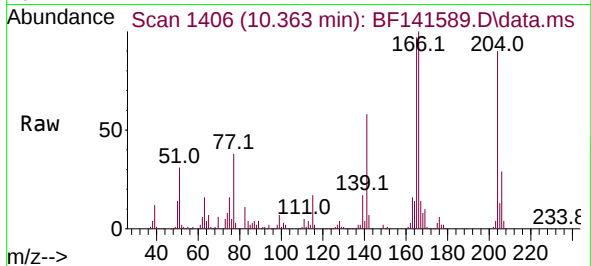
#61
4-Chlorophenyl-phenylether
Concen: 42.158 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion:204 Resp: 230294
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 64.3 51.9 77.9

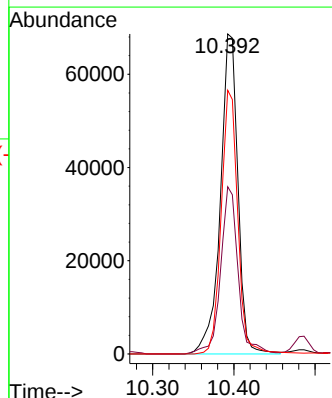
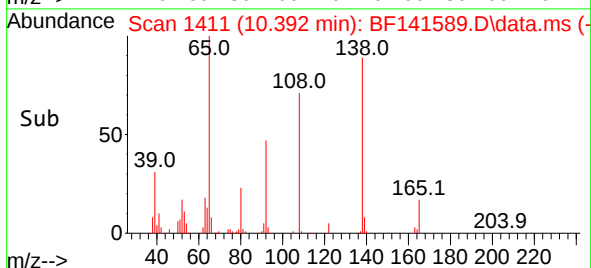
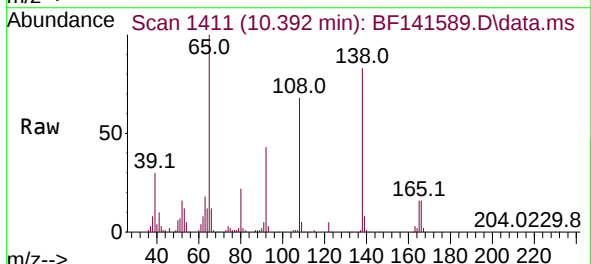
Manual Integrations
APPROVED

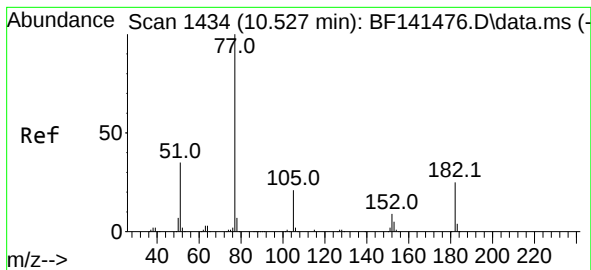
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#62
4-Nitroaniline
Concen: 36.531 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

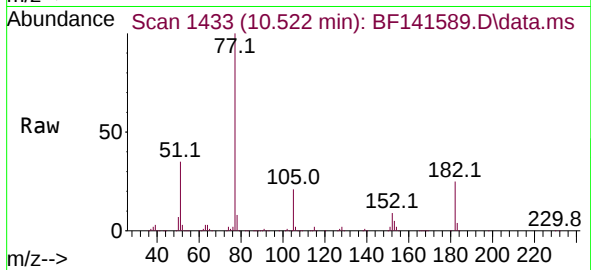
Tgt Ion:138 Resp: 103407
Ion Ratio Lower Upper
138 100
92 52.2 31.3 71.3
108 82.4 63.7 103.7





#63
Azobenzene
Concen: 40.472 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

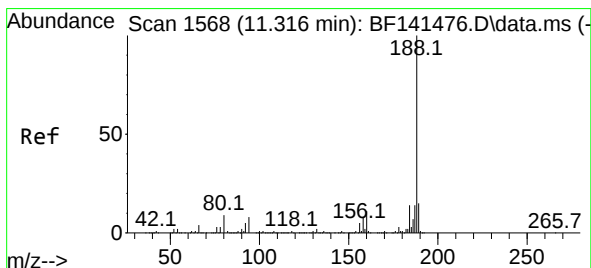
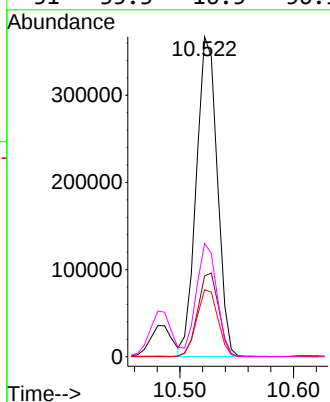
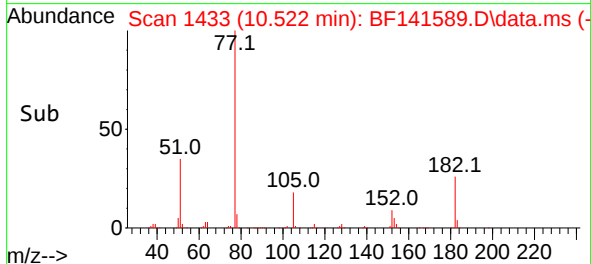
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



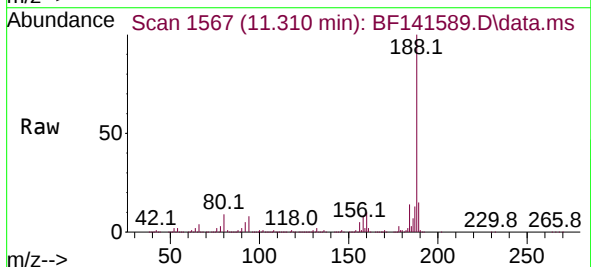
Tgt Ion: 77 Resp: 46901
Ion Ratio Lower Upper
77 100
182 25.2 4.7 44.7
105 20.9 0.4 40.4
51 35.3 16.5 56.5

Manual Integrations
APPROVED

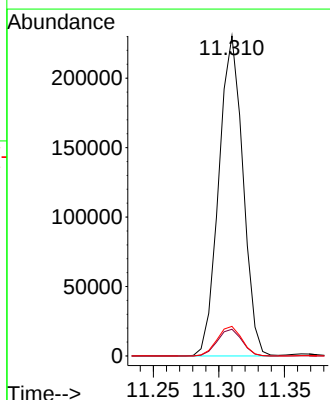
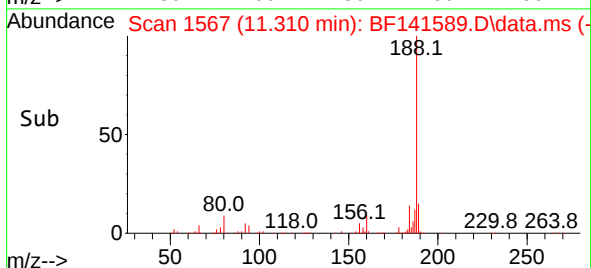
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

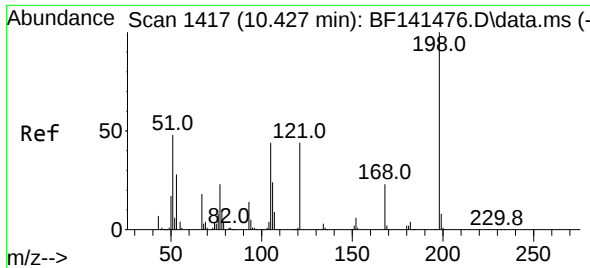


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



Tgt Ion:188 Resp: 295317
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.2 7.3 10.9





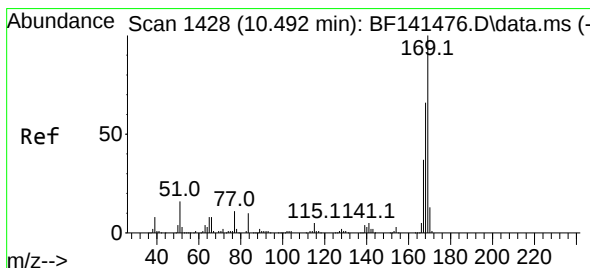
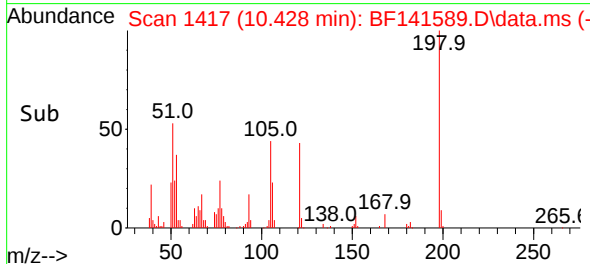
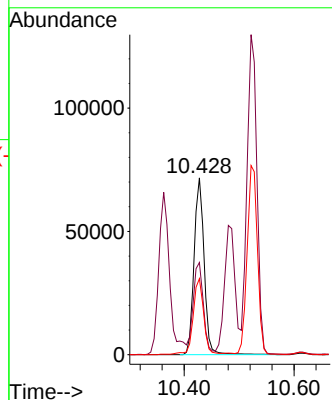
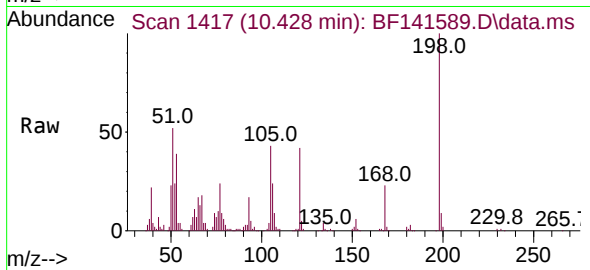
#65
4,6-Dinitro-2-methylphenol
Concen: 44.369 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion:198 Resp: 91019
Ion Ratio Lower Upper
198 100
51 52.2 37.4 77.4
105 43.0 25.2 65.2

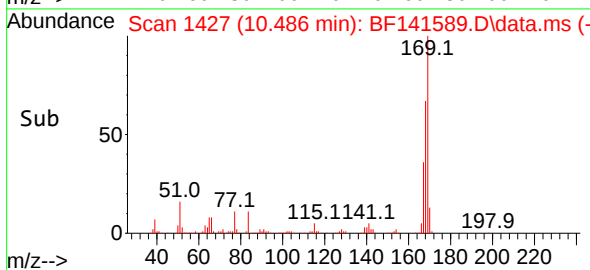
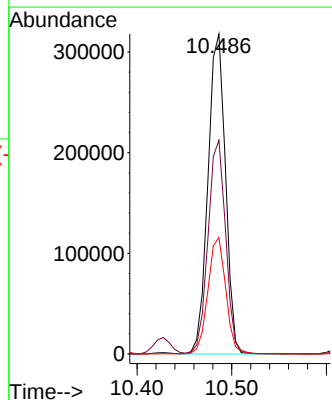
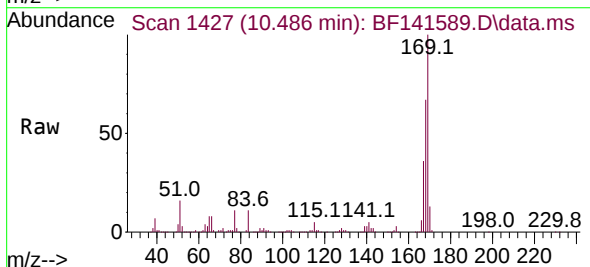
Manual Integrations
APPROVED

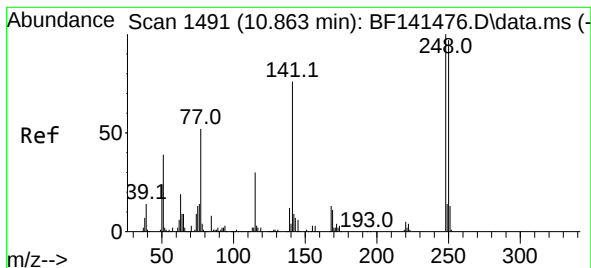
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#66
n-Nitrosodiphenylamine
Concen: 43.085 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

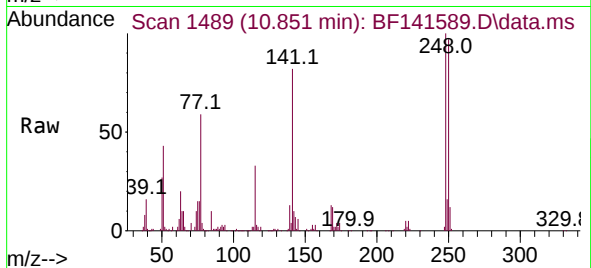
Tgt Ion:169 Resp: 407300
Ion Ratio Lower Upper
169 100
168 66.8 53.3 79.9
167 36.4 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 42.980 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

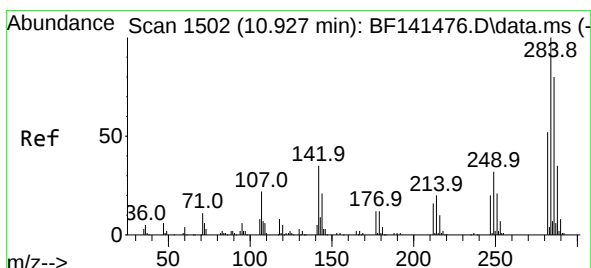
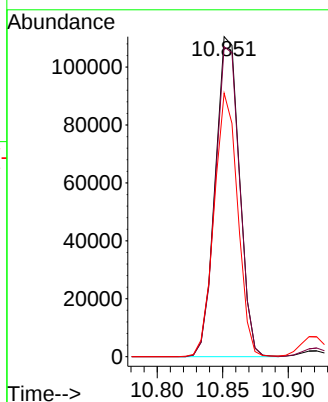
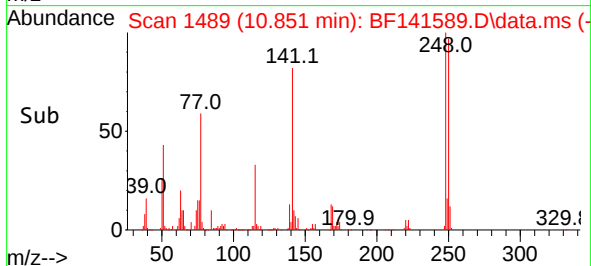
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



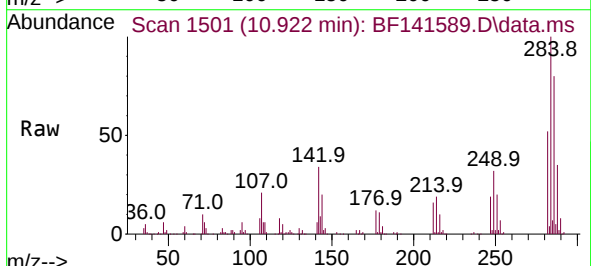
Tgt Ion:248 Resp: 14185
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 82.4 60.6 90.8

Manual Integrations
APPROVED

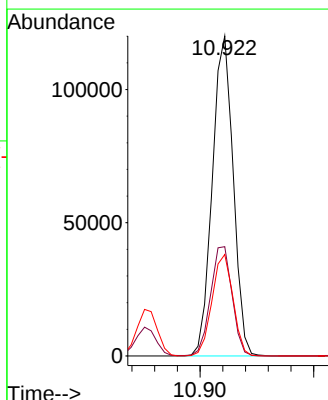
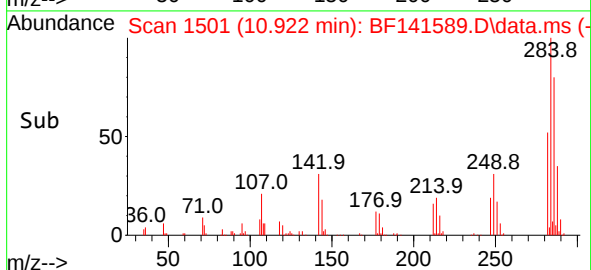
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#68
Hexachlorobenzene
Concen: 45.134 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



Tgt Ion:284 Resp: 153395
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 31.7 25.8 38.8





#69

Atrazine

Concen: 50.004 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

WC-9MSD

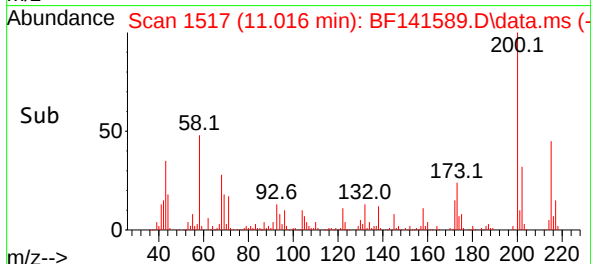
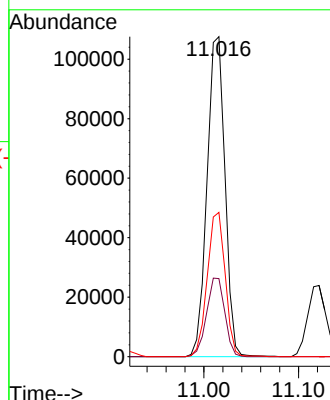
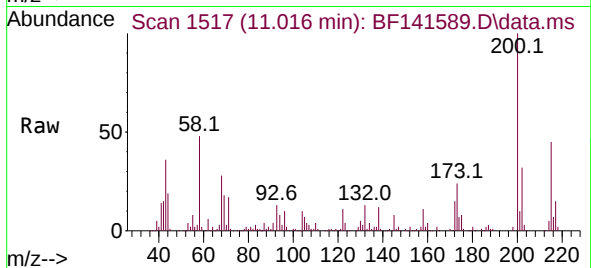
Tgt Ion:200 Resp: 141814
 Ion Ratio Lower Upper
 200 100
 173 24.4 5.9 45.9
 215 45.1 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#70

Pentachlorophenol

Concen: 84.680 ng

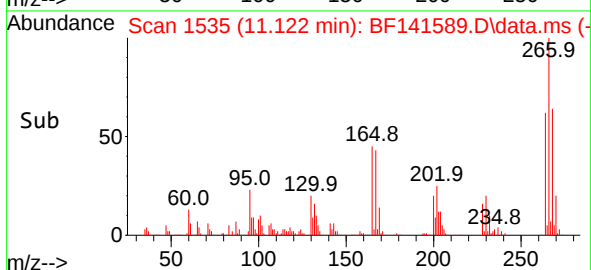
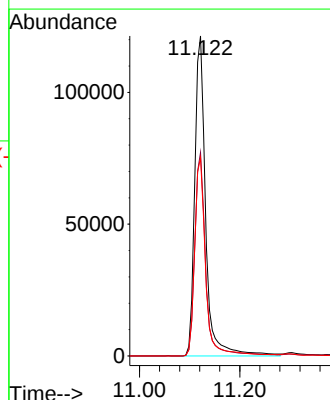
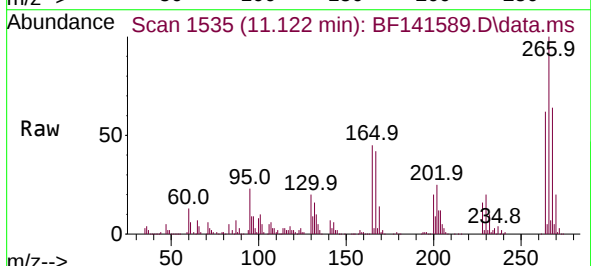
RT: 11.122 min Scan# 1535

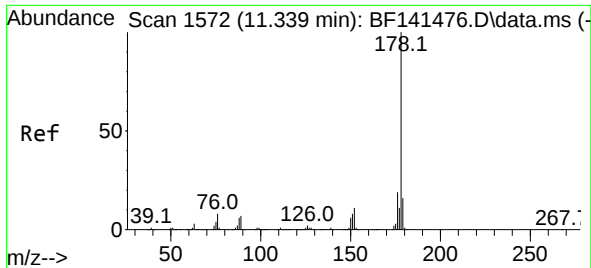
Delta R.T. -0.006 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

Tgt Ion:266 Resp: 184026
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.1 75.1
 264 62.0 50.1 75.1





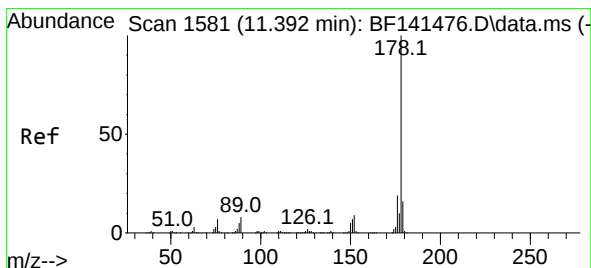
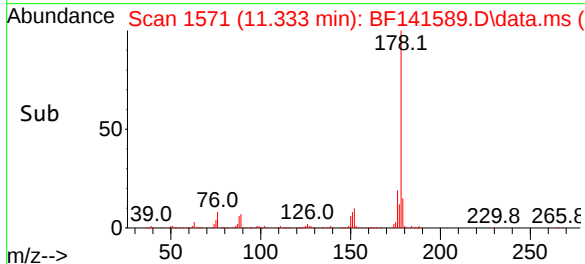
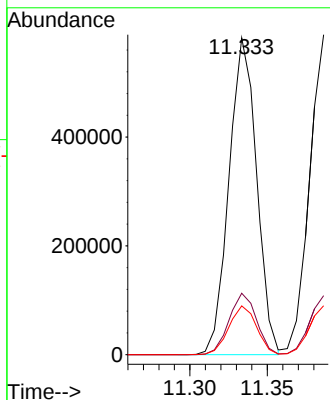
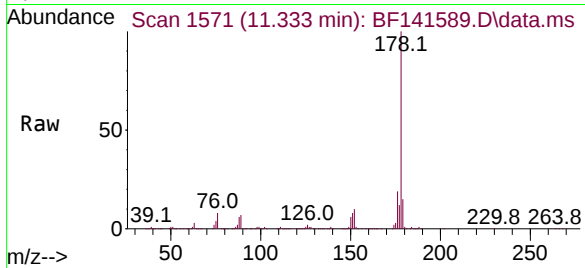
#71
Phenanthrene
Concen: 44.401 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion:178 Resp: 721779
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.4 18.6

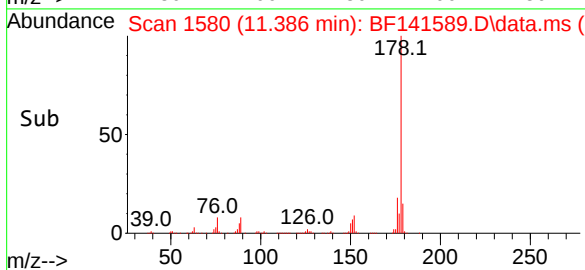
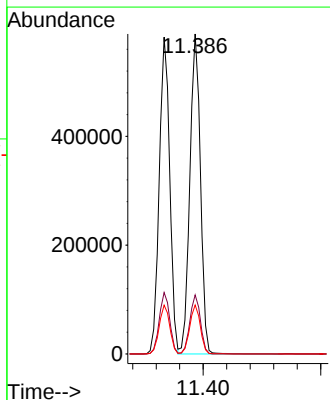
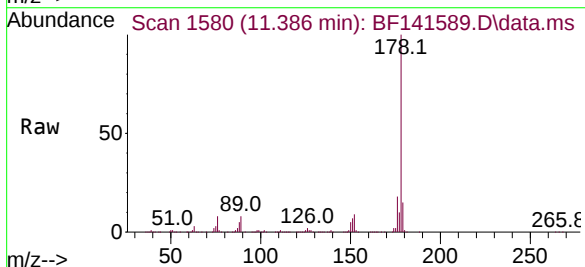
Manual Integrations
APPROVED

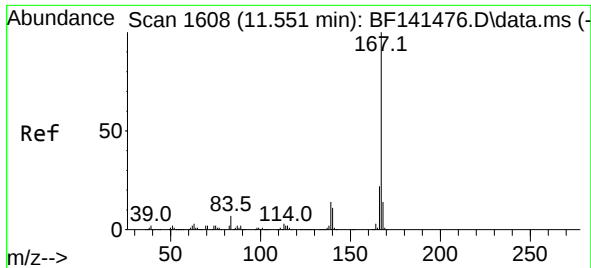
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#72
Anthracene
Concen: 45.101 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Tgt Ion:178 Resp: 736994
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.3 12.4 18.6





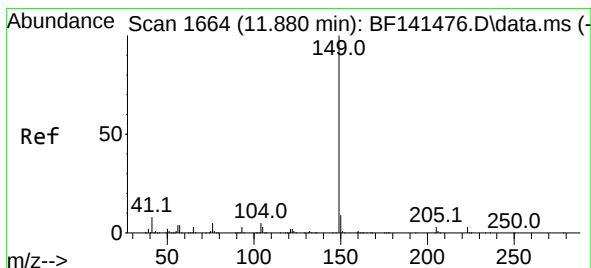
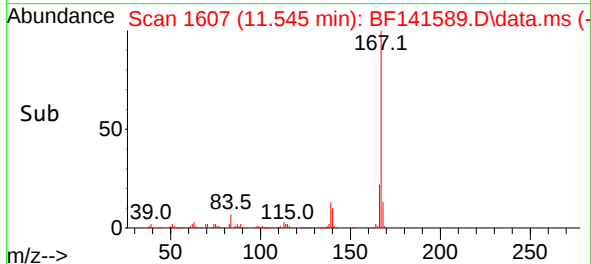
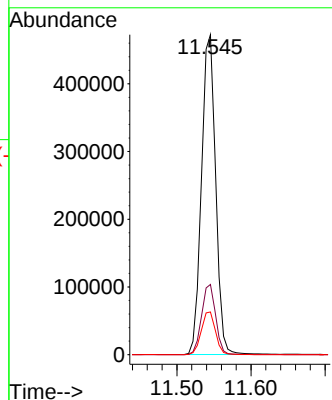
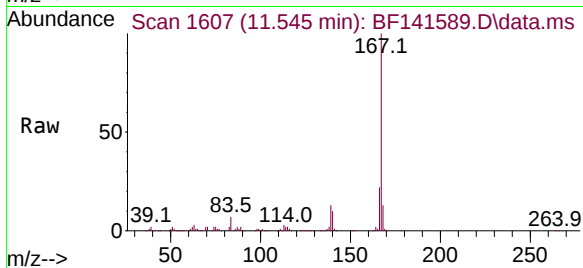
#73
Carbazole
Concen: 42.679 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion:167 Resp: 62753
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.4 10.9 16.3

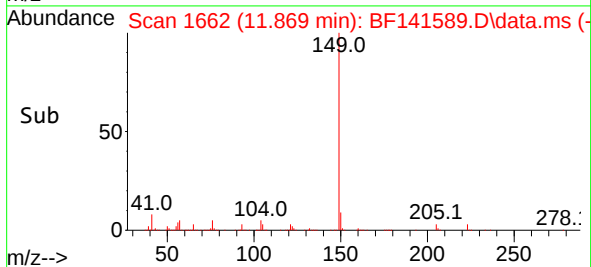
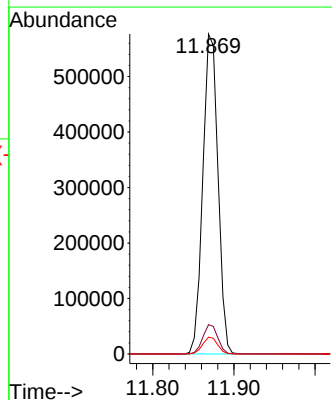
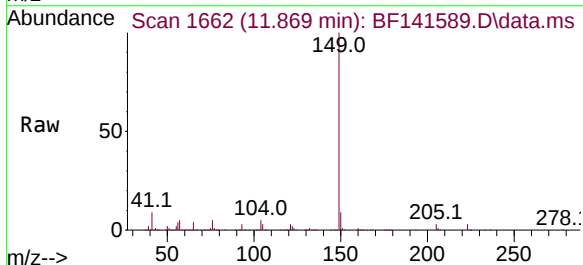
Manual Integrations
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Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#74
Di-n-butylphthalate
Concen: 44.016 ng
RT: 11.869 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

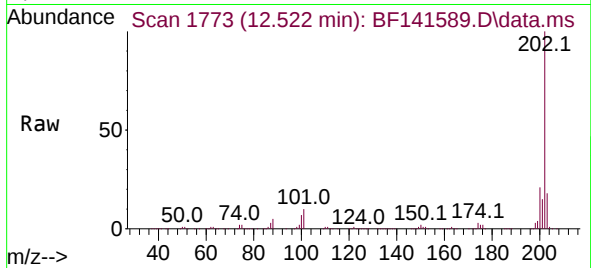
Tgt Ion:149 Resp: 747284
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 41.145 ng
RT: 12.522 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

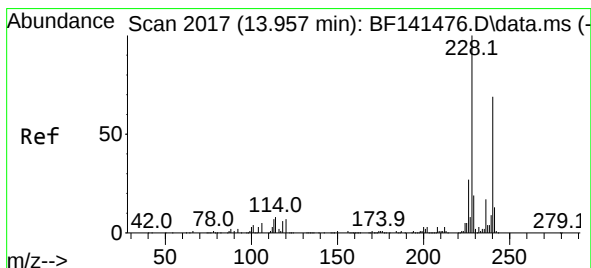
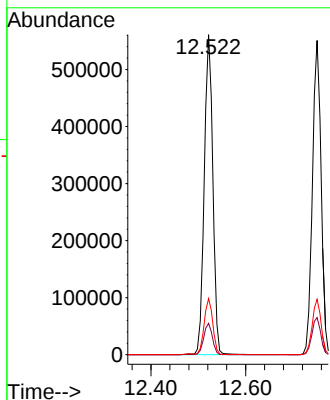
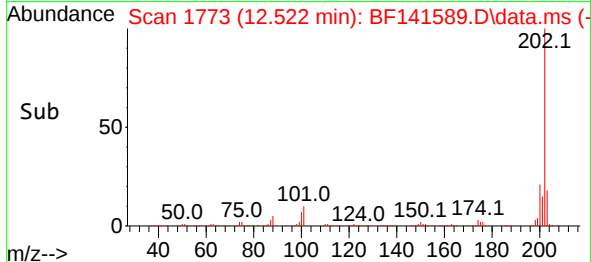
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



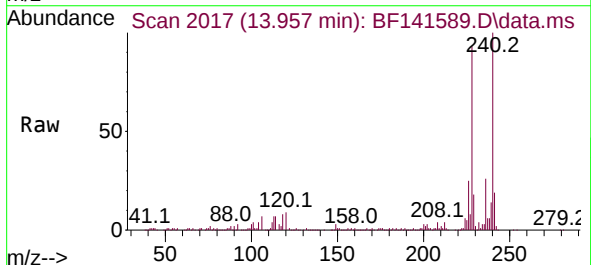
Tgt Ion:202 Resp: 70911
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.2
203 17.5 0.0 37.6

Manual Integrations
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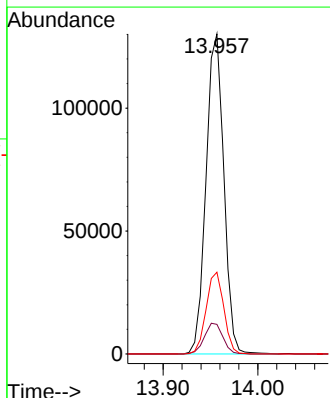
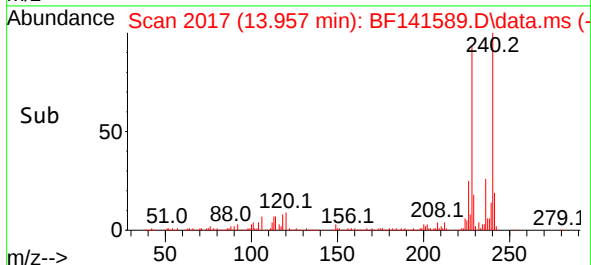
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

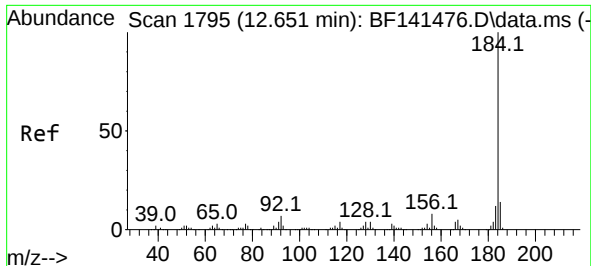


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



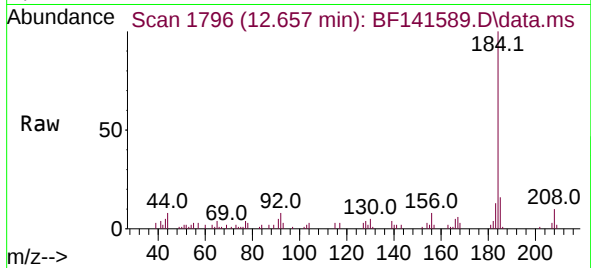
Tgt Ion:240 Resp: 170075
Ion Ratio Lower Upper
240 100
120 9.3 8.0 12.0
236 25.6 19.8 29.8





#77
Benzidine
Concen: 11.541 ng
RT: 12.657 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

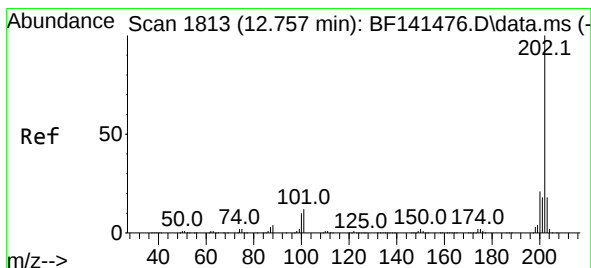
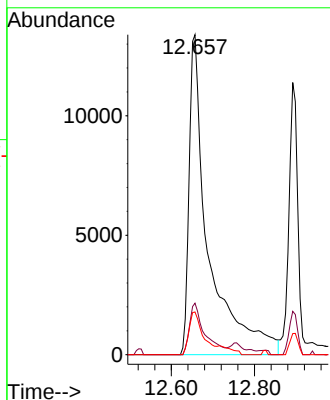
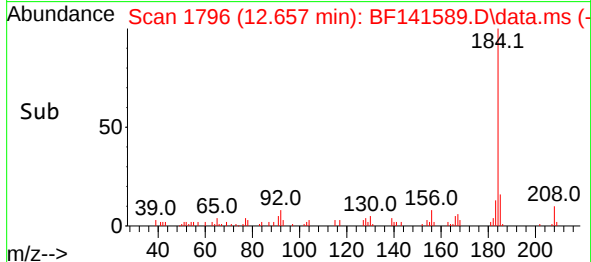
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



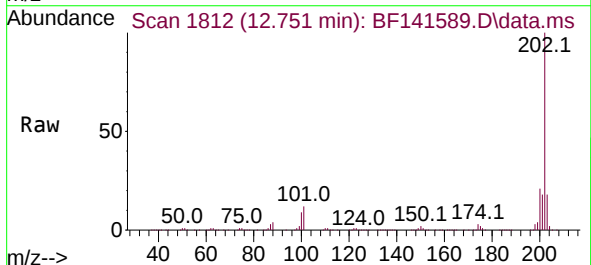
Tgt Ion:184 Resp: 43289
Ion Ratio Lower Upper
184 100
185 16.1 11.3 16.9
183 13.3 9.3 13.9

Manual Integrations
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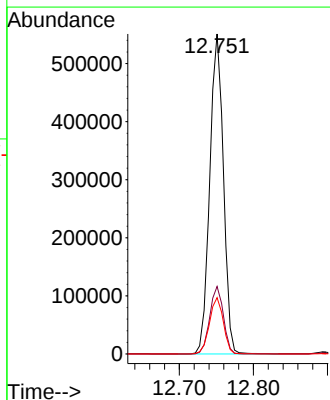
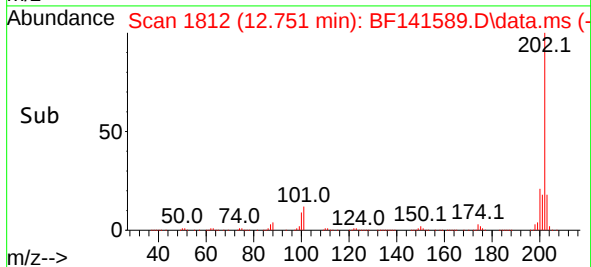
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#78
Pyrene
Concen: 48.654 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



Tgt Ion:202 Resp: 704415
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 108.100 ng

RT: 12.892 min Scan# 1836

Delta R.T. -0.012 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

WC-9MSD

Tgt Ion:244 Resp: 108905

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

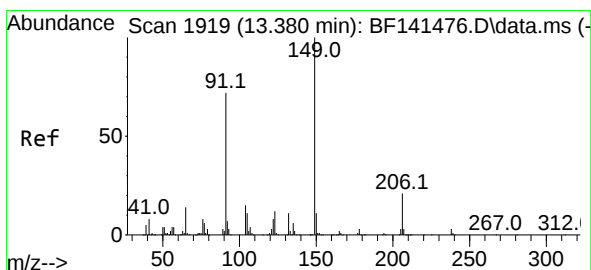
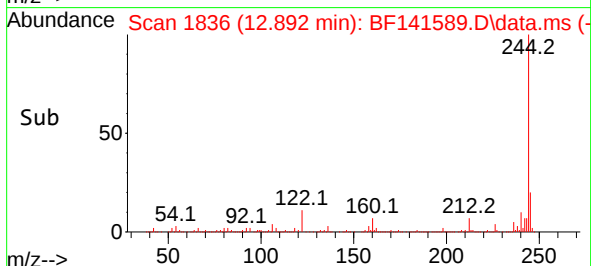
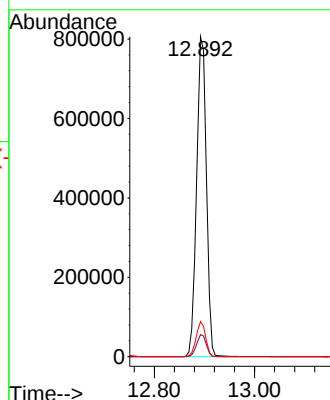
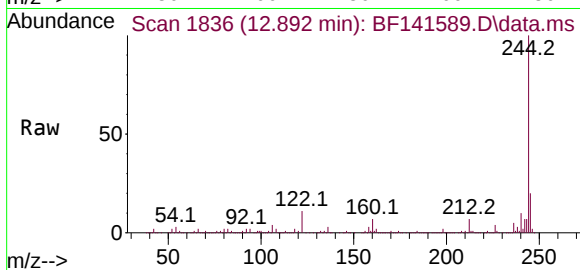
122 11.0 8.4 12.6

Manual Integrations

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Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#80

Butylbenzylphthalate

Concen: 53.088 ng

RT: 13.369 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

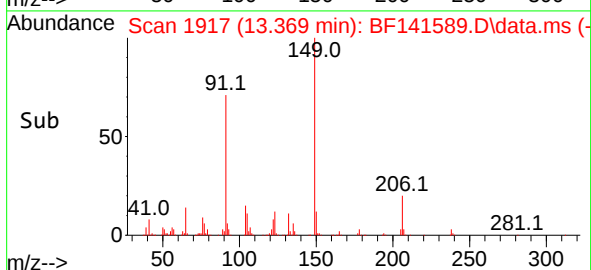
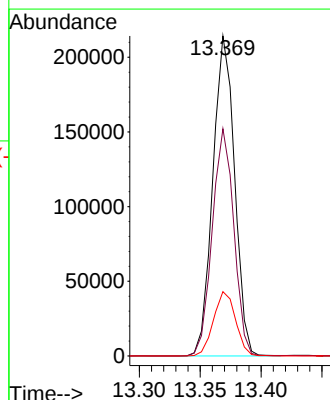
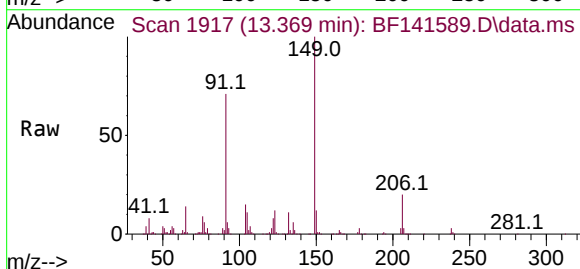
Tgt Ion:149 Resp: 266222

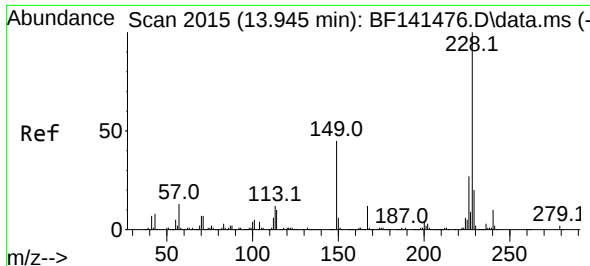
Ion Ratio Lower Upper

149 100

91 71.0 57.8 86.8

206 20.1 16.7 25.1





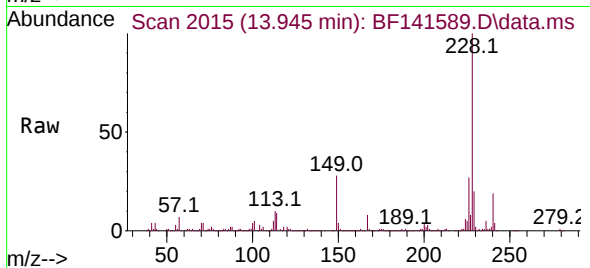
#81
Benzo(a)anthracene
Concen: 43.637 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

WC-9MSD

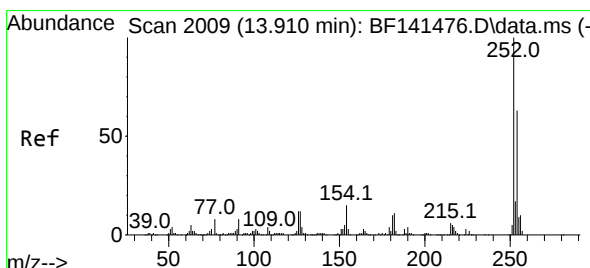
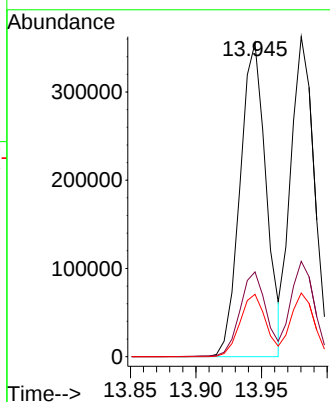
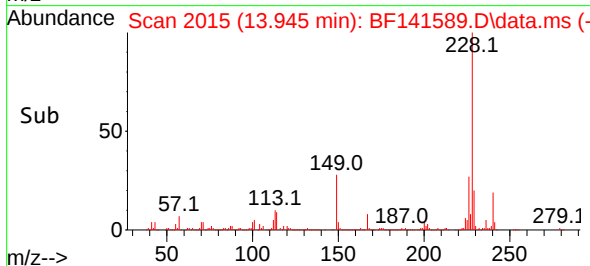


Tgt Ion:228 Resp: 49333
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.9 15.8 23.6

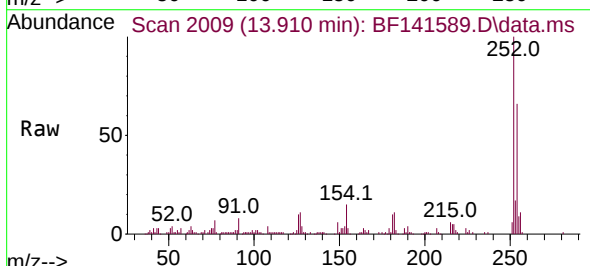
Manual Integrations

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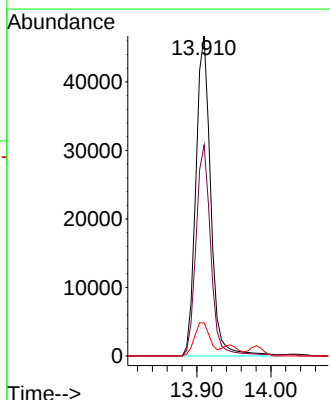
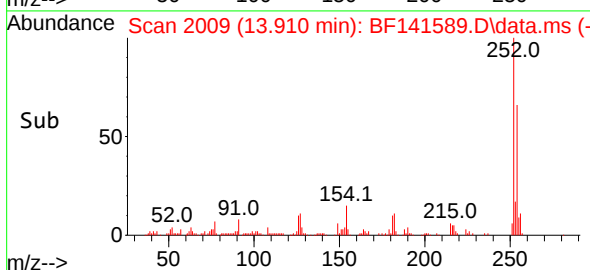
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

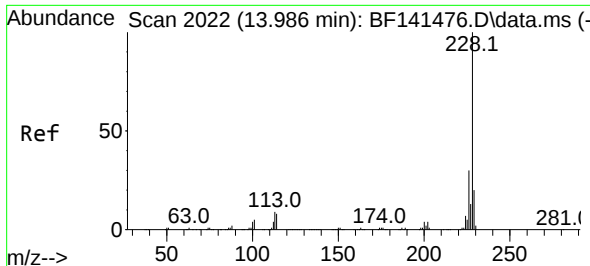


#82
3,3'-Dichlorobenzidine
Concen: 20.114 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



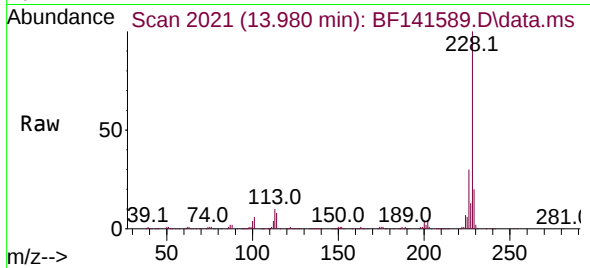
Tgt Ion:252 Resp: 65138
Ion Ratio Lower Upper
252 100
254 66.0 50.6 76.0
126 10.4 9.3 13.9





#83
Chrysene
Concen: 43.458 ng
RT: 13.980 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

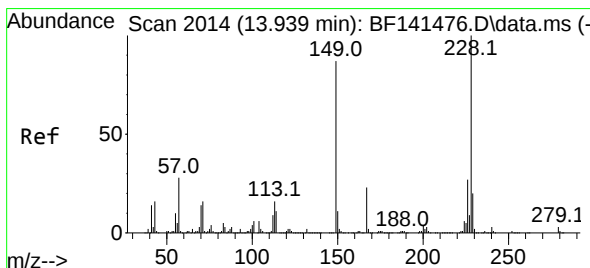
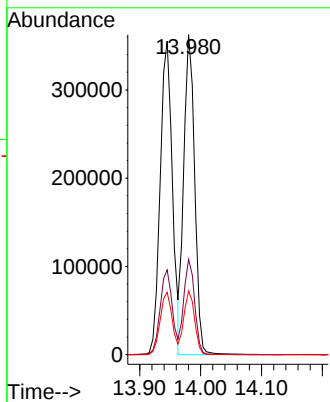
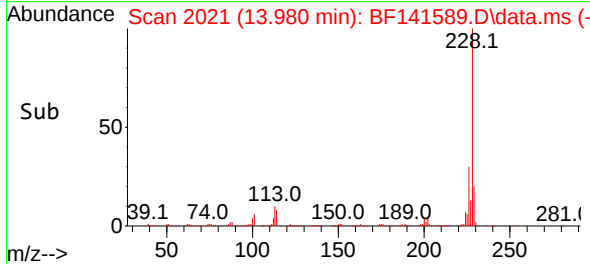
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



Tgt Ion:228 Resp: 453650
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 19.9 15.7 23.5

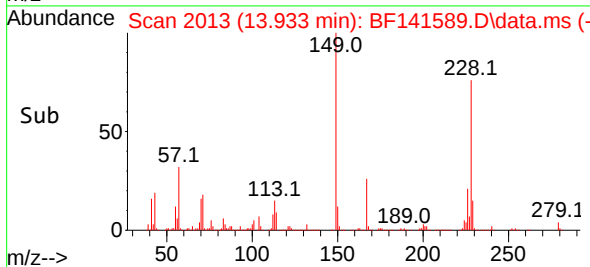
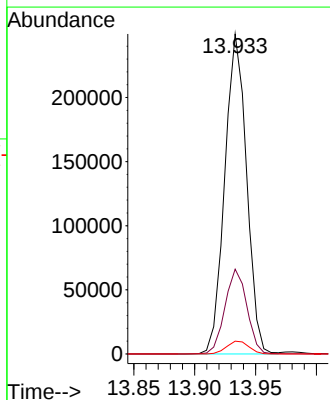
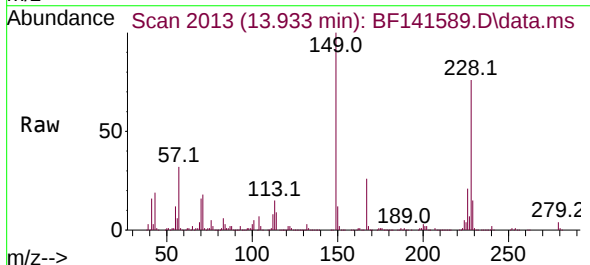
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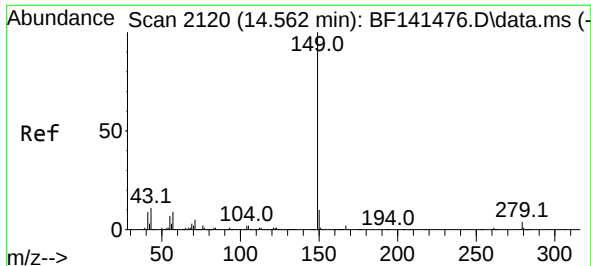
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.003 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

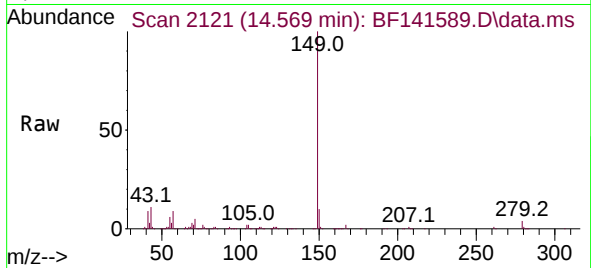
Tgt Ion:149 Resp: 311091
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 4.0 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 54.480 ng
RT: 14.569 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

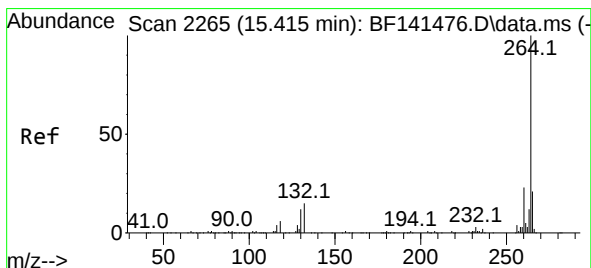
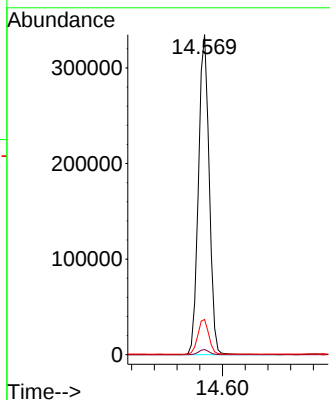
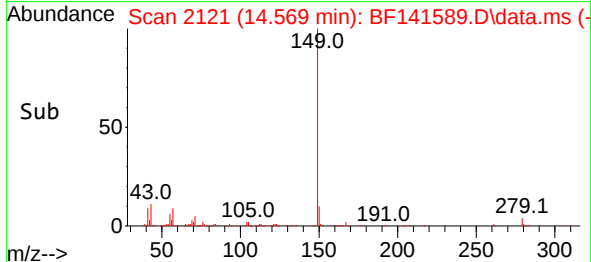
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



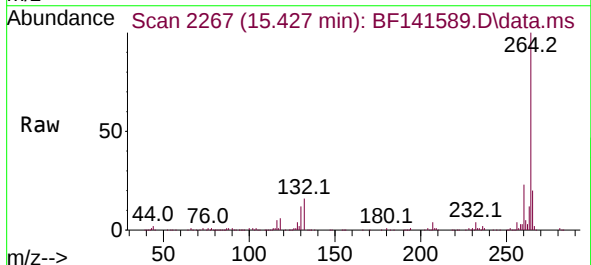
Tgt Ion:149 Resp: 43957
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 9.5 14.3

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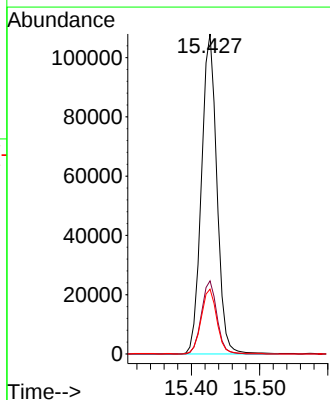
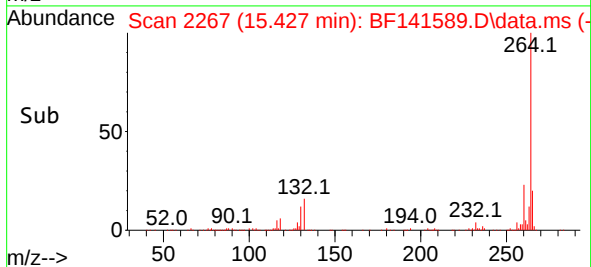
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



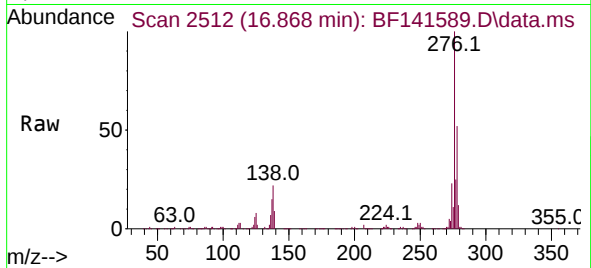
Tgt Ion:264 Resp: 169809
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 20.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.645 ng
RT: 16.868 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

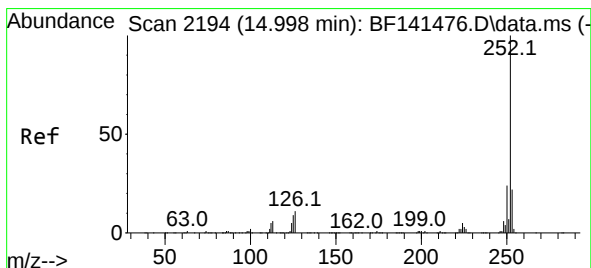
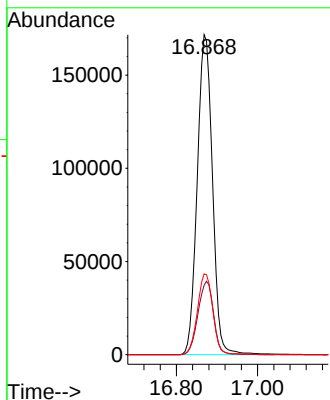
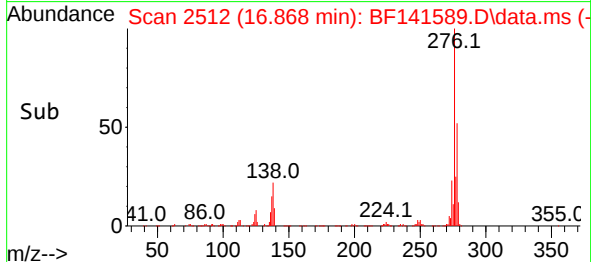
Instrument :
BNA_F
ClientSampleId :
WC-9MSD



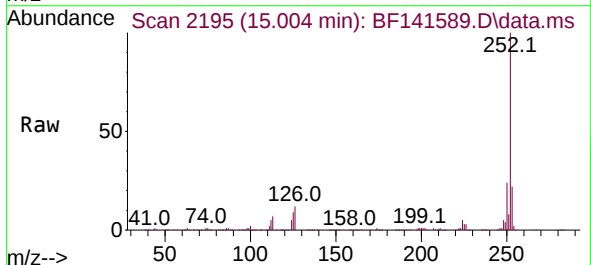
Tgt Ion:276 Resp: 44744
Ion Ratio Lower Upper
276 100
138 23.4 18.0 27.0
277 25.5 20.4 30.6

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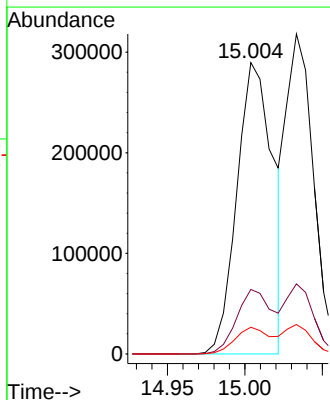
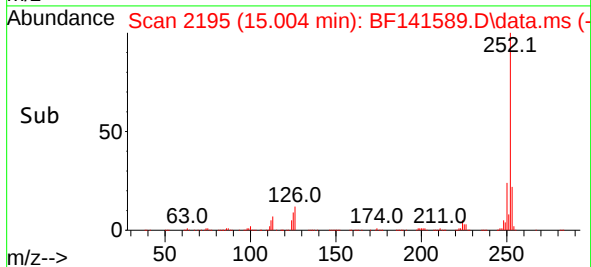
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

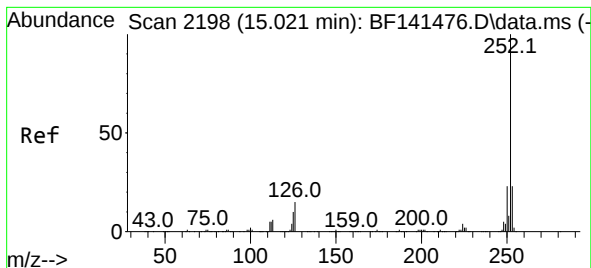


#88
Benzo(b)fluoranthene
Concen: 41.309 ng
RT: 15.004 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50



Tgt Ion:252 Resp: 470998
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 40.391 ng

RT: 15.033 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

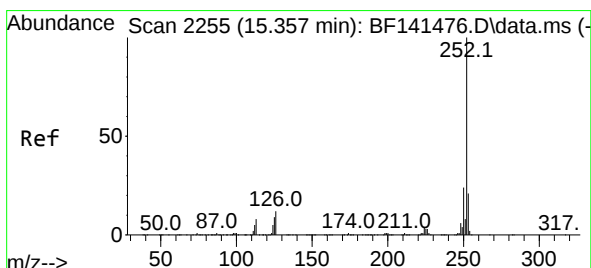
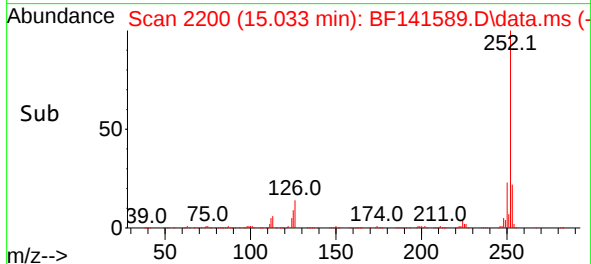
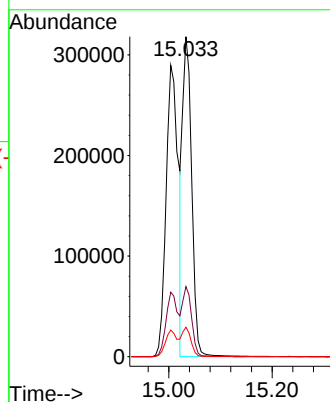
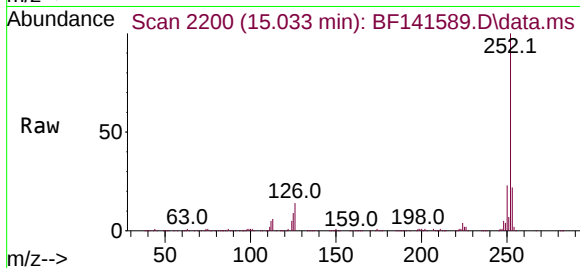
WC-9MSD

Tgt Ion:252 Resp: 39325
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.0 27.0
 125 9.2 7.4 11.0

Manual Integrations

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Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025



#90

Benzo(a)pyrene

Concen: 45.837 ng

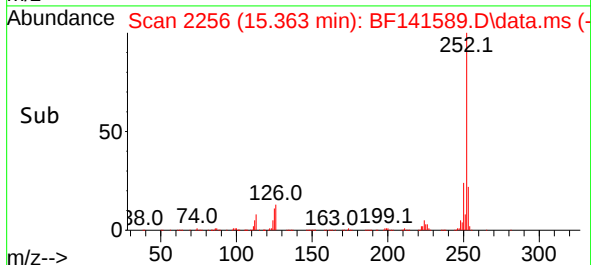
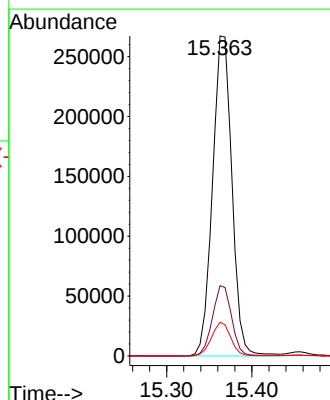
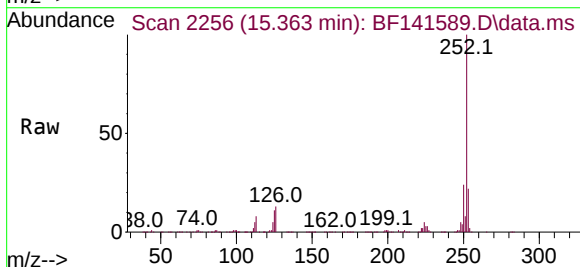
RT: 15.363 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BF141589.D

Acq: 12 Feb 2025 14:50

Tgt Ion:252 Resp: 422897
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.1 25.7
 125 10.6 7.4 11.2





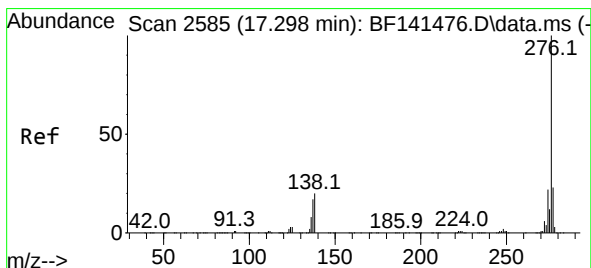
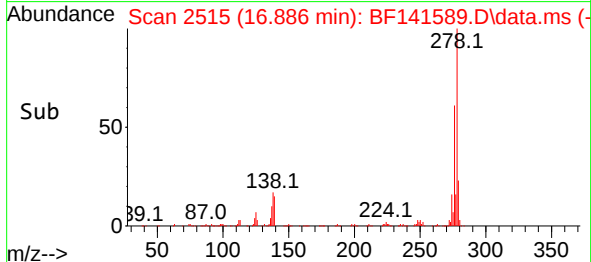
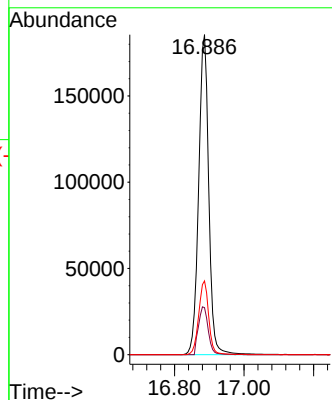
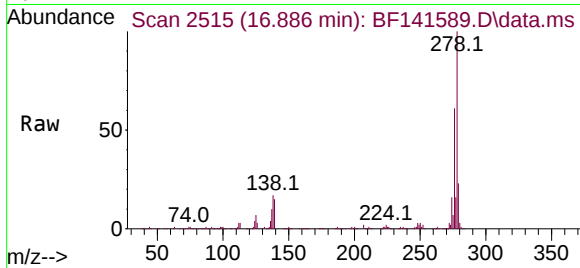
#91
Dibenzo(a,h)anthracene
Concen: 43.886 ng
RT: 16.886 min Scan# 2515
Delta R.T. -0.006 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Tgt Ion:278 Resp: 37310
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.1 19.1 28.7

Manual Integrations
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Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#92
Benzo(g,h,i)perylene
Concen: 36.416 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.012 min
Lab File: BF141589.D
Acq: 12 Feb 2025 14:50

Tgt Ion:276 Resp: 323988
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 20.3 15.9 23.9

