

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141539.D
 Acq On : 10 Feb 2025 17:16
 Operator : RC/JU
 Sample : Q1299-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Feb 10 17:49:01 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	83236	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	331135	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	185399	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	324393	20.000	ng	0.00
76) Chrysene-d12	13.957	240	222407	20.000	ng	0.00
86) Perylene-d12	15.415	264	175201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	675217	127.177	ng	0.01
7) Phenol-d6	6.434	99	781667	116.484	ng	0.00
23) Nitrobenzene-d5	7.357	82	590861	93.069	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	260641	139.948	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1113371	92.520	ng	0.00
79) Terphenyl-d14	12.898	244	1342686	101.916	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	88148	41.251	ng	# 80
3) Pyridine	3.357	79	153119	30.112	ng	100
4) n-Nitrosodimethylamine	3.275	42	139707	41.493	ng	99
6) Aniline	6.451	93	81448	12.939	ng	# 1
8) 2-Chlorophenol	6.581	128	249644	43.516	ng	99
9) Benzaldehyde	6.340	77	39981	11.212	ng	99
10) Phenol	6.445	94	261247	37.405	ng	85
11) bis(2-Chloroethyl)ether	6.528	93	225154	42.919	ng	98
12) 1,3-Dichlorobenzene	6.728	146	256219	42.304	ng	98
13) 1,4-Dichlorobenzene	6.804	146	258107	41.710	ng	99
14) 1,2-Dichlorobenzene	6.957	146	243764	42.444	ng	99
15) Benzyl Alcohol	6.934	79	220016	42.755	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	390334	43.466	ng	80
17) 2-Methylphenol	7.051	107	192487	42.875	ng	98
18) Hexachloroethane	7.298	117	98952	43.208	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	178114	44.374	ng	99
20) 3+4-Methylphenols	7.204	107	249120	43.663	ng	94
22) Acetophenone	7.198	105	387794	47.079	ng	97
24) Nitrobenzene	7.375	77	264714	42.760	ng	98
25) Isophorone	7.610	82	478686	47.288	ng	99
26) 2-Nitrophenol	7.687	139	136726	44.392	ng	97
27) 2,4-Dimethylphenol	7.728	122	204202	56.752	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	290484	44.783	ng	99
29) 2,4-Dichlorophenol	7.934	162	214203	44.061	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	225628	42.619	ng	99
31) Naphthalene	8.092	128	725180	42.072	ng	99
32) Benzoic acid	7.863	122	154744	41.404	ng	98
33) 4-Chloroaniline	8.145	127	47429	7.881	ng	96
34) Hexachlorobutadiene	8.210	225	138555	43.595	ng	99
35) Caprolactam	8.551	113	26302	17.769	ng	92
36) 4-Chloro-3-methylphenol	8.634	107	236753	43.964	ng	99
37) 2-Methylnaphthalene	8.781	142	475982	42.436	ng	99
38) 1-Methylnaphthalene	8.881	142	461251	42.458	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	254734	47.491	ng	99
41) Hexachlorocyclopentadiene	8.934	237	268230	150.349	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	154537	44.577	ng	100

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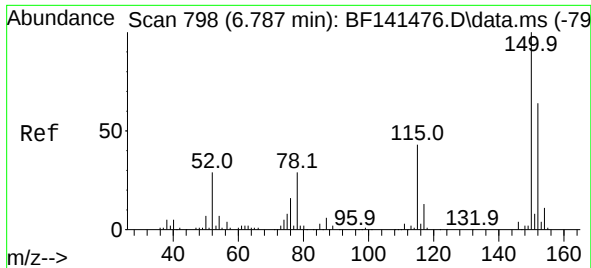
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	165725	44.110	ng	97
46) 1,1'-Biphenyl	9.245	154	685981	47.725	ng	99
47) 2-Chloronaphthalene	9.275	162	464228	43.676	ng	99
48) 2-Nitroaniline	9.369	65	159062	44.592	ng	98
49) Acenaphthylene	9.686	152	721765	45.655	ng	99
50) Dimethylphthalate	9.551	163	578633	45.973	ng	99
51) 2,6-Dinitrotoluene	9.616	165	126139	45.845	ng	97
52) Acenaphthene	9.857	154	463102	43.572	ng	98
53) 3-Nitroaniline	9.781	138	34226	11.557	ng	98
54) 2,4-Dinitrophenol	9.898	184	169144	103.436	ng	94
55) Dibenzofuran	10.033	168	662947	42.495	ng	100
56) 4-Nitrophenol	9.963	139	185323	84.302	ng	97
57) 2,4-Dinitrotoluene	10.022	165	172530	47.103	ng	98
58) Fluorene	10.375	166	535625	44.405	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	147698	45.661	ng	96
60) Diethylphthalate	10.251	149	557008	44.980	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	260697	44.924	ng	97
62) 4-Nitroaniline	10.398	138	115753	38.494	ng	99
63) Azobenzene	10.528	77	538851	43.771	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	105780	46.942	ng	98
66) n-Nitrosodiphenylamine	10.486	169	461602	44.453	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	162068	44.702	ng	98
68) Hexachlorobenzene	10.922	284	170180	45.584	ng	98
69) Atrazine	11.016	200	161110	51.717	ng	99
70) Pentachlorophenol	11.122	266	216284	90.604	ng	99
71) Phenanthrene	11.339	178	801305	44.875	ng	100
72) Anthracene	11.386	178	822148	45.802	ng	100
73) Carbazole	11.545	167	711102	44.028	ng	100
74) Di-n-butylphthalate	11.875	149	875581	46.950	ng	100
75) Fluoranthene	12.527	202	843933	44.579	ng	99
77) Benzidine	12.651	184	40099	8.175	ng	99
78) Pyrene	12.751	202	857054	45.268	ng	100
80) Butylbenzylphthalate	13.374	149	338137	51.563	ng	98
81) Benzo(a)anthracene	13.945	228	661565	44.748	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	63314	14.950	ng	96
83) Chrysene	13.980	228	607194	44.480	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	428787	57.974	ng	99
85) Di-n-octyl phthalate	14.557	149	595243	56.414	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	572440	52.879	ng	100
88) Benzo(b)fluoranthene	14.998	252	498355	42.363	ng	99
89) Benzo(k)fluoranthene	15.027	252	466178	46.408	ng	98
90) Benzo(a)pyrene	15.357	252	445753	46.828	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	462104	52.681	ng	99
92) Benzo(g,h,i)perylene	17.298	276	451498	49.187	ng	99

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

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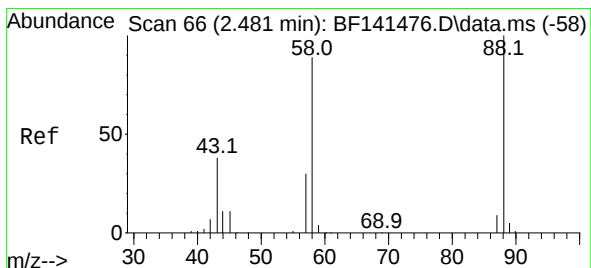
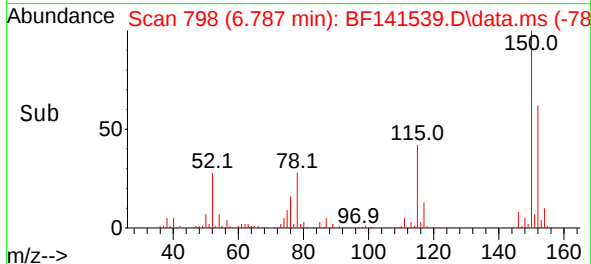
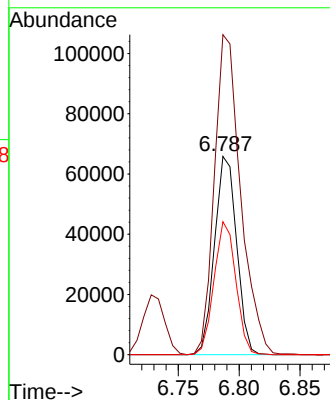
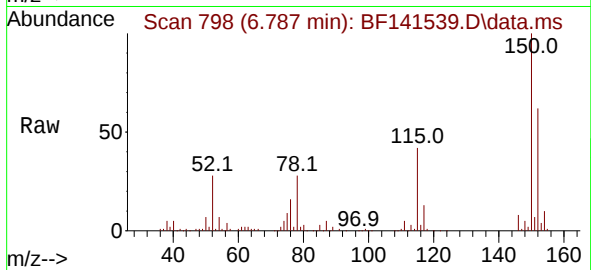




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141539.D
 Acq: 10 Feb 2025 17:16

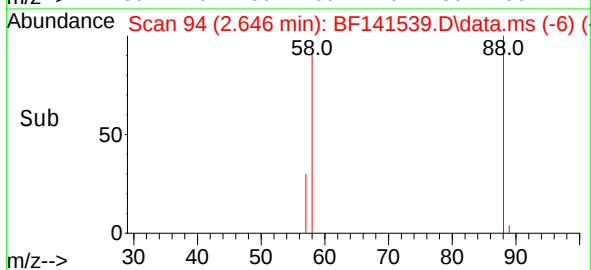
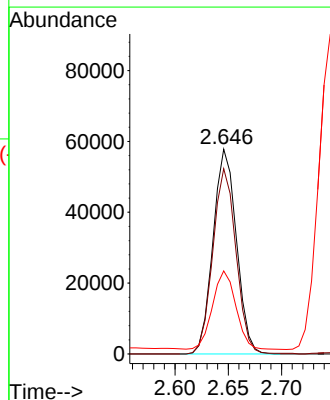
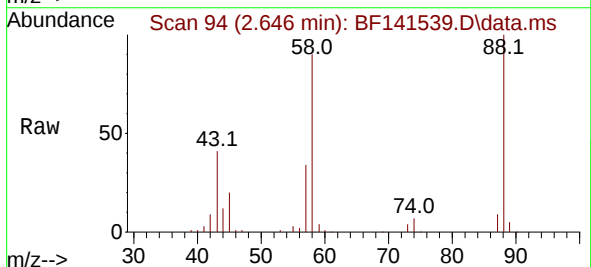
Instrument :
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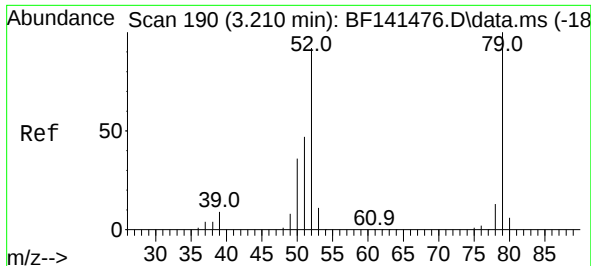
Tgt Ion:152 Resp: 83236
 Ion Ratio Lower Upper
 152 100
 150 161.4 125.0 187.4
 115 67.0 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.251 ng
 RT: 2.646 min Scan# 94
 Delta R.T. 0.165 min
 Lab File: BF141539.D
 Acq: 10 Feb 2025 17:16

Tgt Ion: 88 Resp: 88148
 Ion Ratio Lower Upper
 88 100
 58 89.8 71.1 106.7
 43 0.0 30.6 46.0#





#3

Pyridine

Concen: 30.112 ng

RT: 3.357 min Scan# 215

Delta R.T. 0.141 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

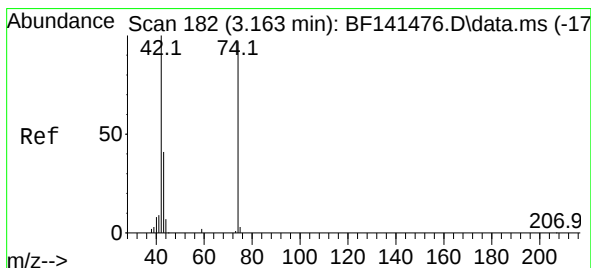
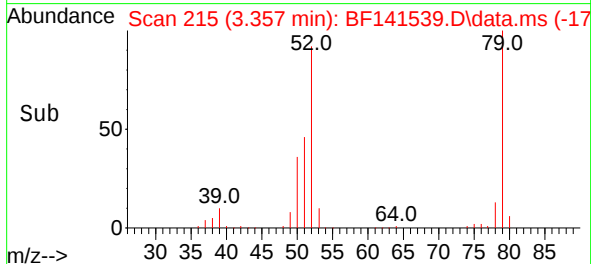
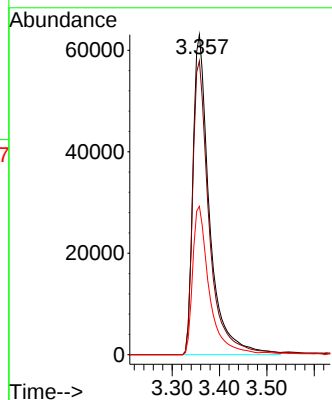
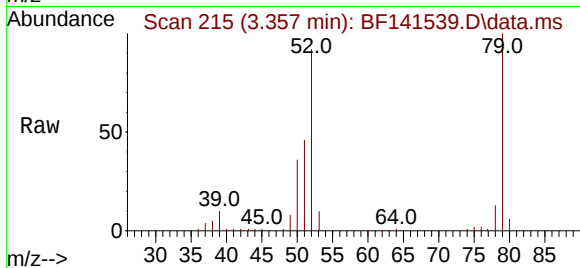
Tgt Ion: 79 Resp: 153119

Ion Ratio Lower Upper

79 100

52 91.8 73.7 110.5

51 46.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.493 ng

RT: 3.275 min Scan# 201

Delta R.T. 0.088 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

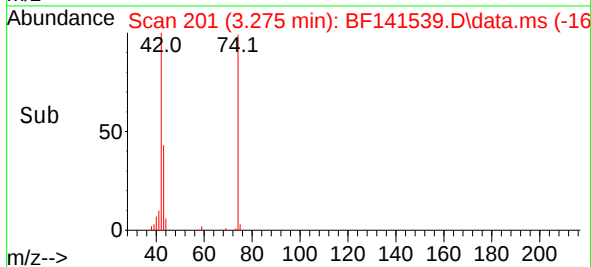
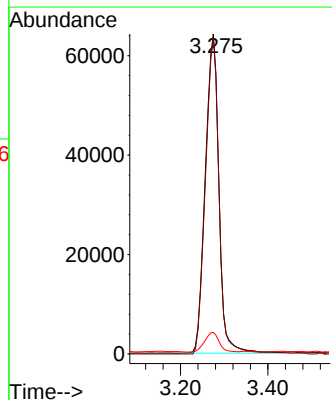
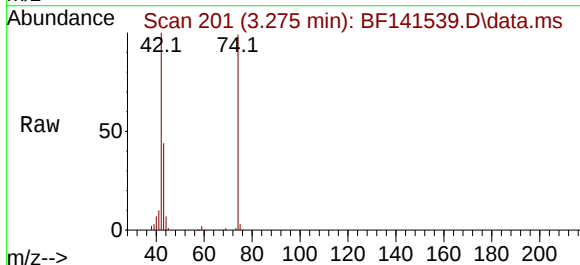
Tgt Ion: 42 Resp: 139707

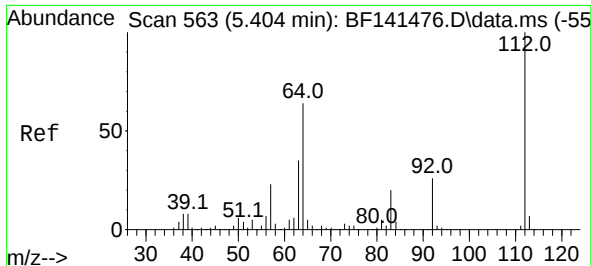
Ion Ratio Lower Upper

42 100

74 98.8 78.0 117.0

44 6.8 5.4 8.2

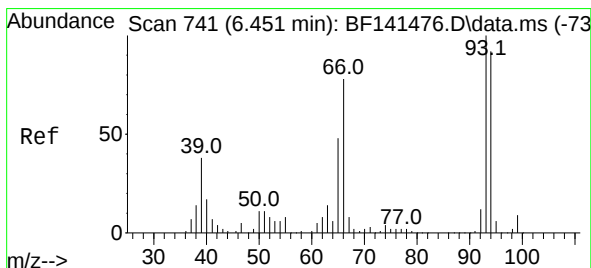
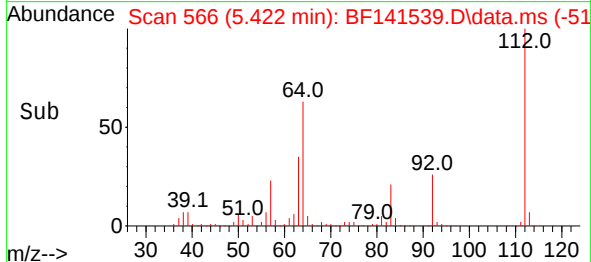
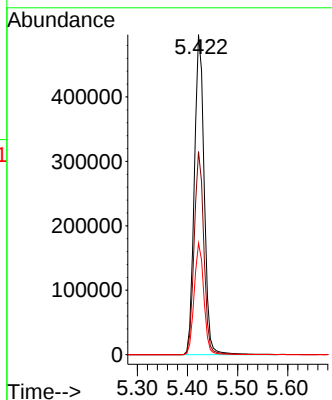
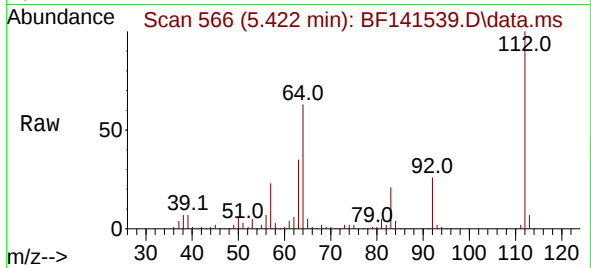




#5
2-Fluorophenol
Concen: 127.177 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

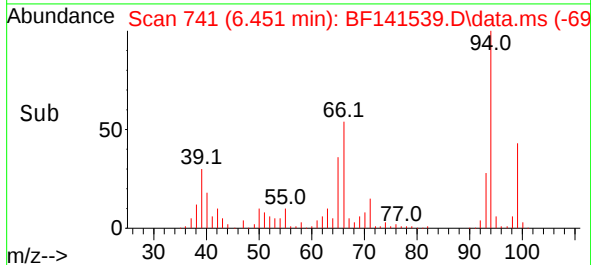
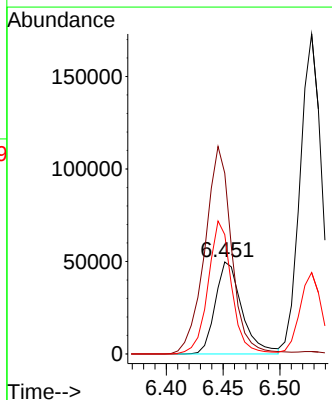
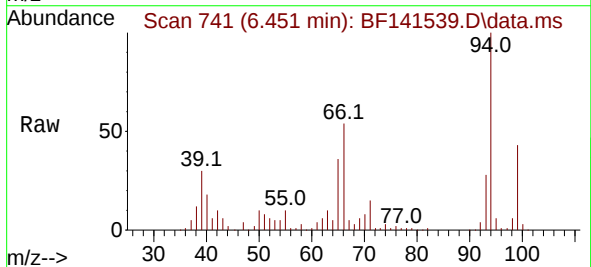
Instrument :
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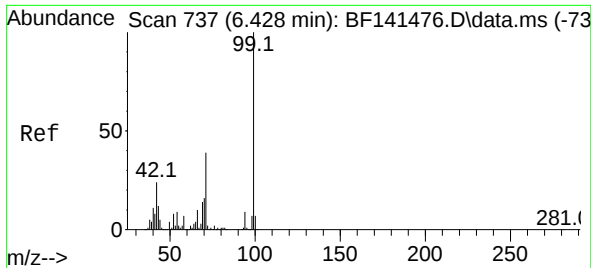
Tgt Ion:112 Resp: 675217
Ion Ratio Lower Upper
112 100
64 63.5 51.1 76.7
63 34.9 28.4 42.6



#6
Aniline
Concen: 12.939 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion: 93 Resp: 81448
Ion Ratio Lower Upper
93 100
66 196.4 62.6 94.0#
65 129.6 38.3 57.5#

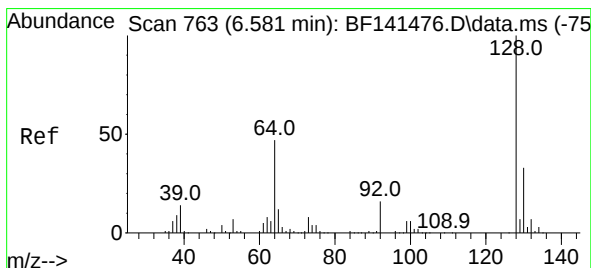
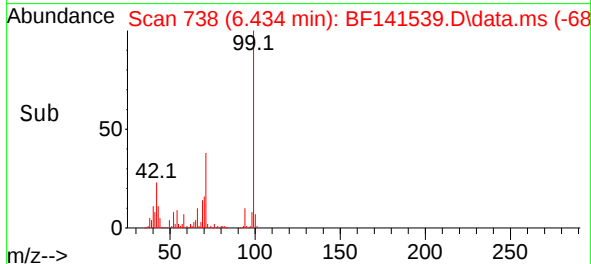
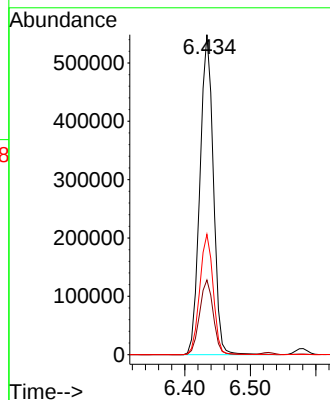
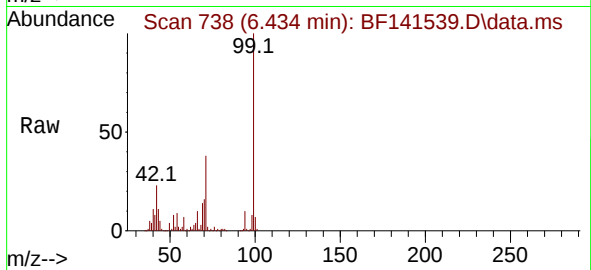




#7
Phenol-d6
Concen: 116.484 ng
RT: 6.434 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

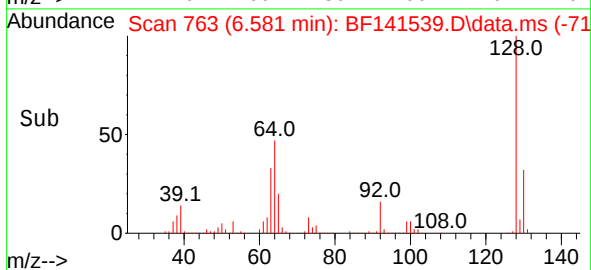
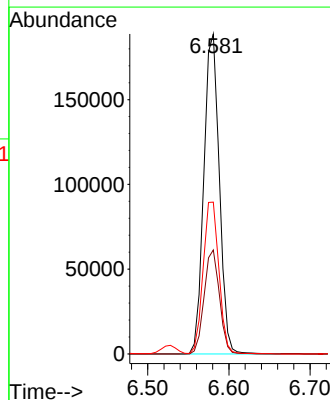
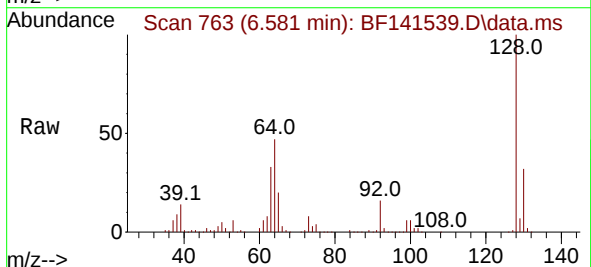
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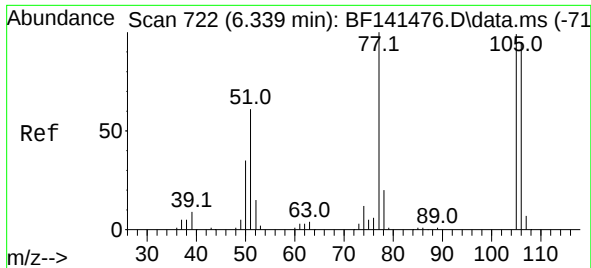
Tgt Ion: 99 Resp: 781667
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 37.6 31.1 46.7



#8
2-Chlorophenol
Concen: 43.516 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion: 128 Resp: 249644
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 47.4 28.3 68.3





#9

Benzaldehyde

Concen: 11.212 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

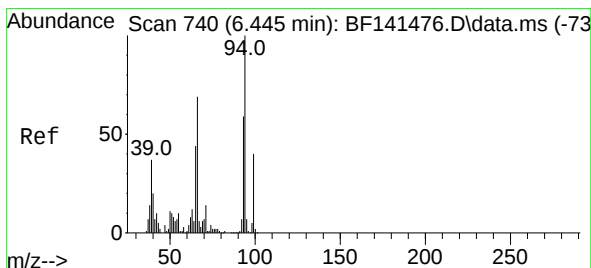
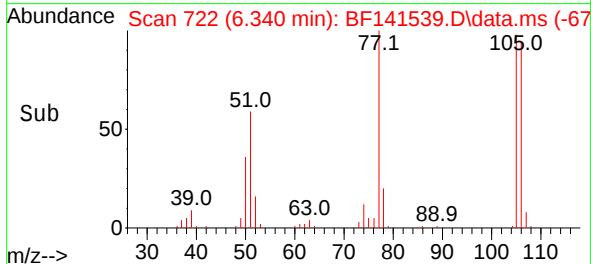
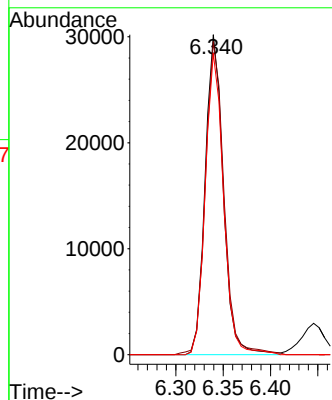
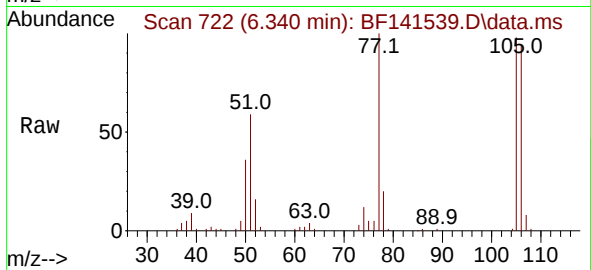
Tgt Ion: 77 Resp: 39981

Ion Ratio Lower Upper

77 100

105 97.8 79.4 119.4

106 94.1 75.1 115.1



#10

Phenol

Concen: 37.405 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

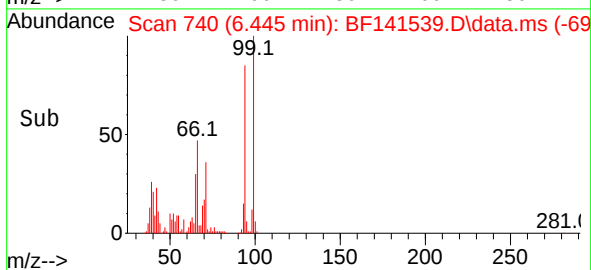
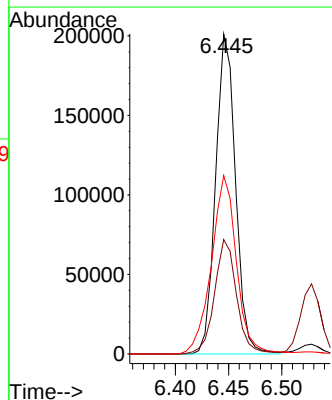
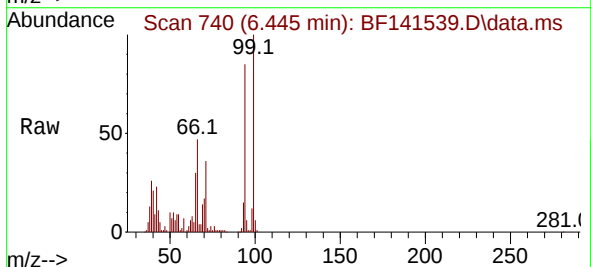
Tgt Ion: 94 Resp: 261247

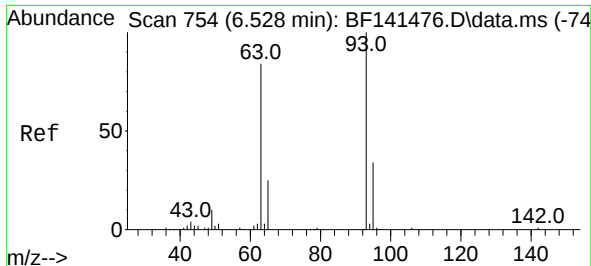
Ion Ratio Lower Upper

94 100

65 35.7 23.7 63.7

66 55.8 49.3 89.3





#11

bis(2-Chloroethyl)ether

Concen: 42.919 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

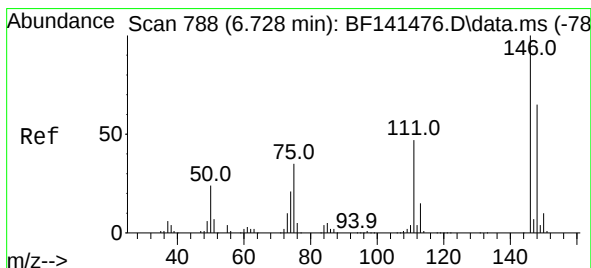
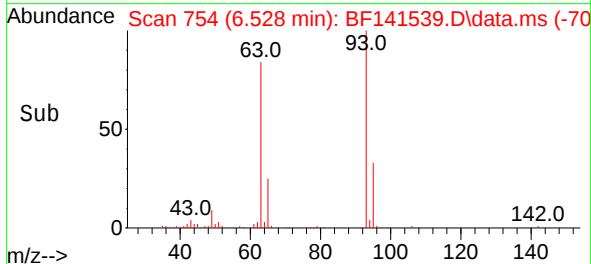
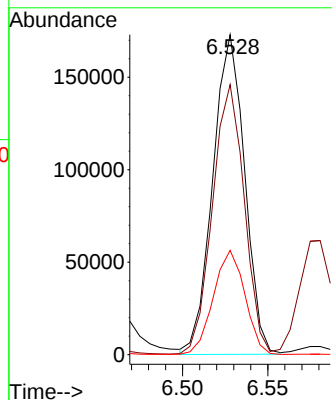
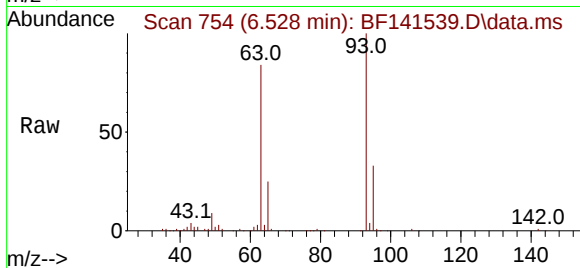
Tgt Ion: 93 Resp: 225154

Ion Ratio Lower Upper

93 100

63 84.4 62.0 102.0

95 32.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 42.304 ng

RT: 6.728 min Scan# 788

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

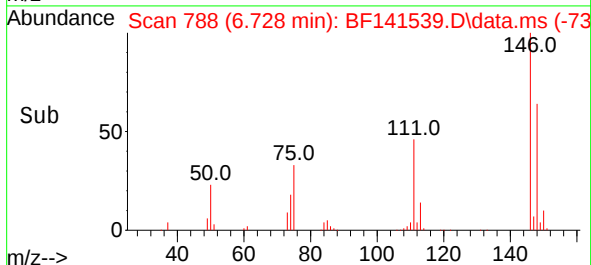
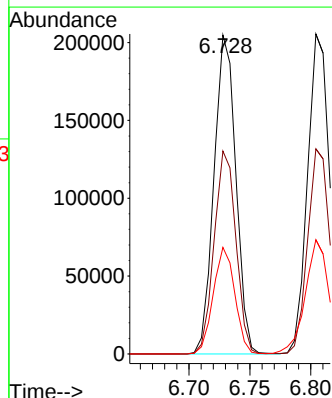
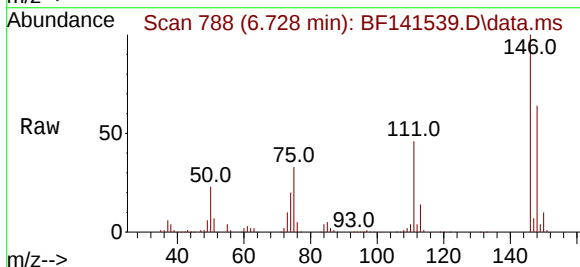
Tgt Ion:146 Resp: 256219

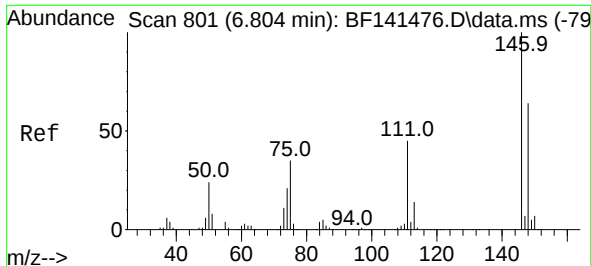
Ion Ratio Lower Upper

146 100

148 63.6 51.9 77.9

75 33.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.710 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

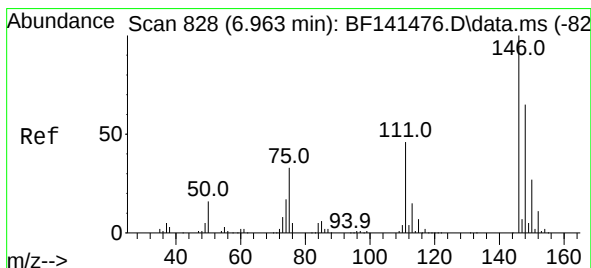
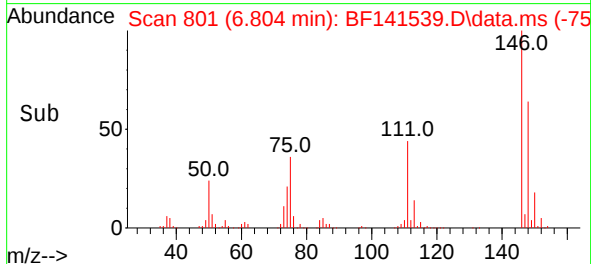
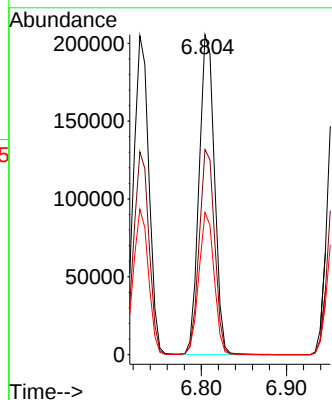
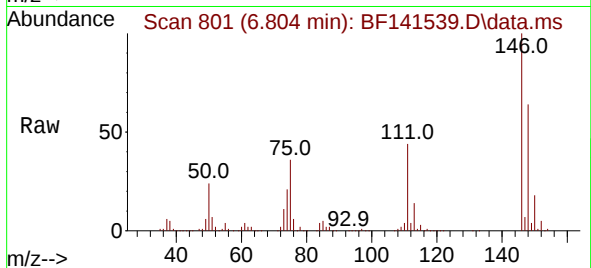
Tgt Ion:146 Resp: 258107

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

111 44.4 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 42.444 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

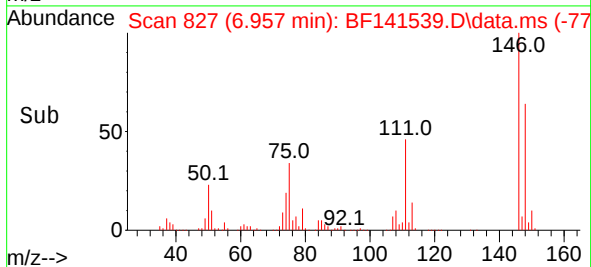
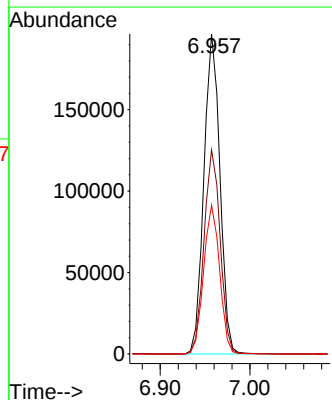
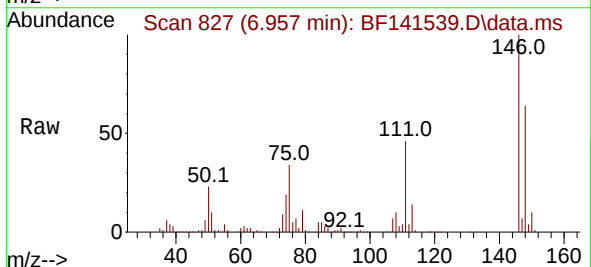
Tgt Ion:146 Resp: 243764

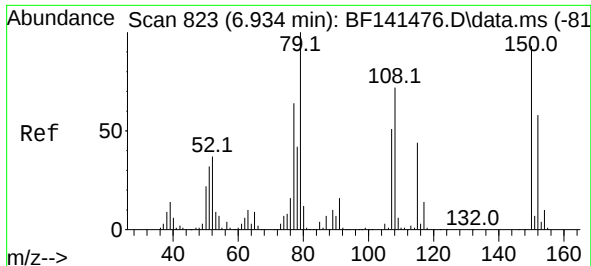
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

111 46.5 37.0 55.4





#15

Benzyl Alcohol

Concen: 42.755 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

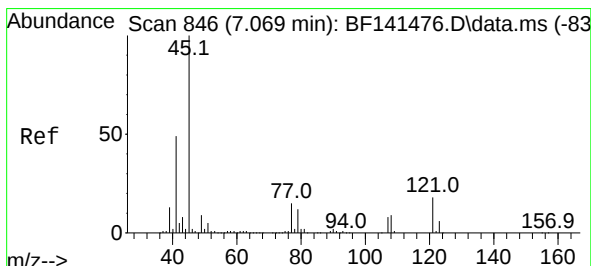
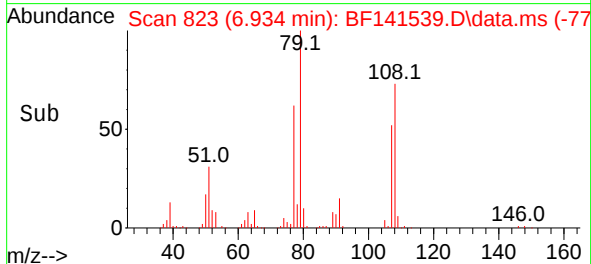
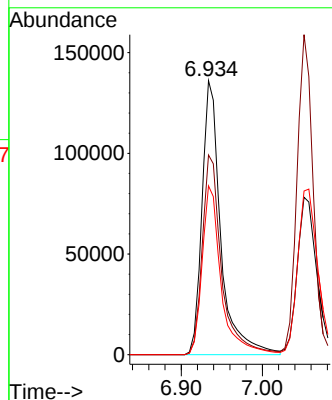
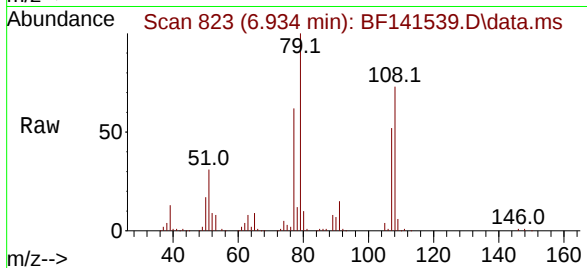
Tgt Ion: 79 Resp: 220016

Ion Ratio Lower Upper

79 100

108 72.9 57.4 86.2

77 61.6 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.466 ng

RT: 7.063 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

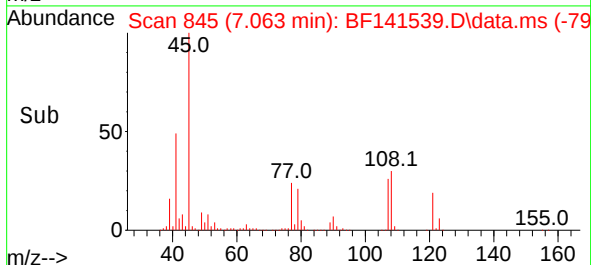
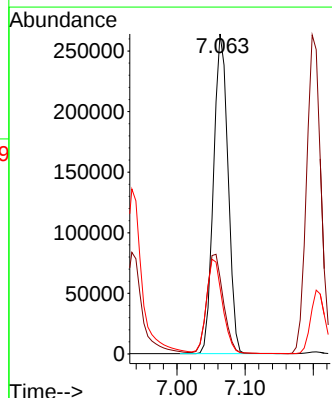
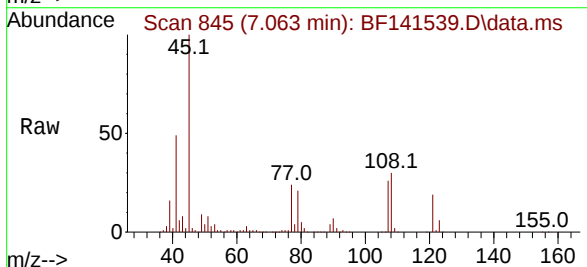
Tgt Ion: 45 Resp: 390334

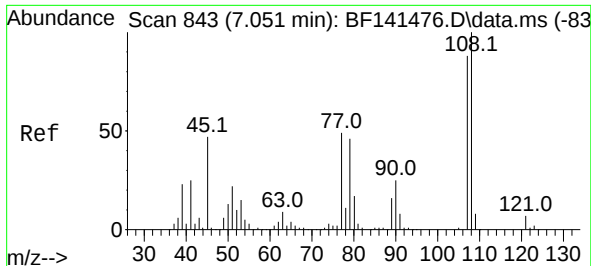
Ion Ratio Lower Upper

45 100

77 23.8 0.0 35.8

79 20.7 0.0 32.7

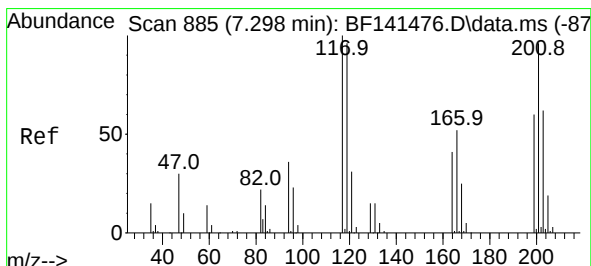
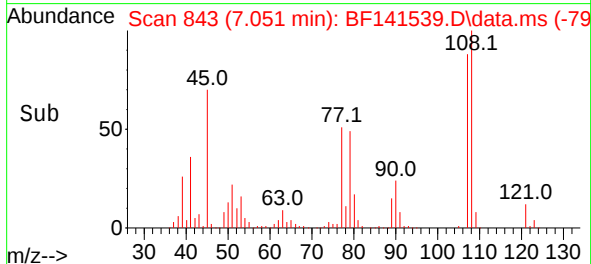
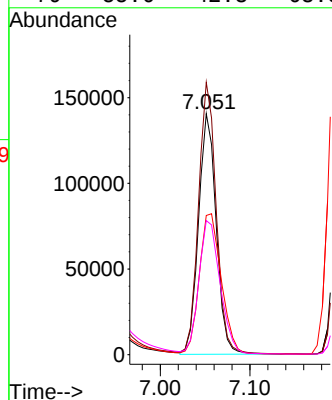
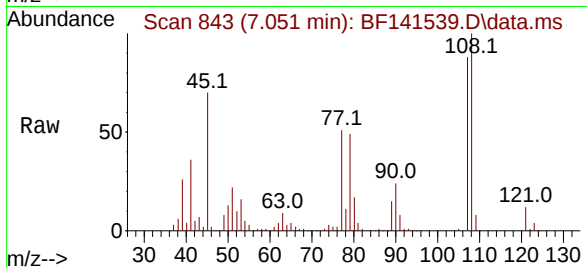




#17
2-Methylphenol
Concen: 42.875 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

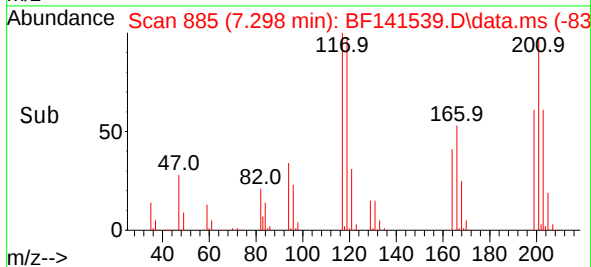
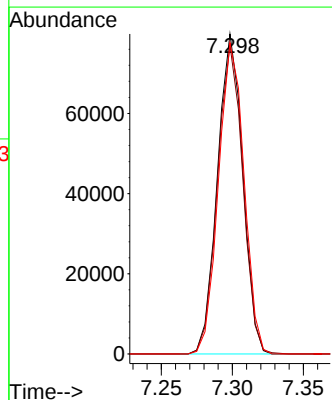
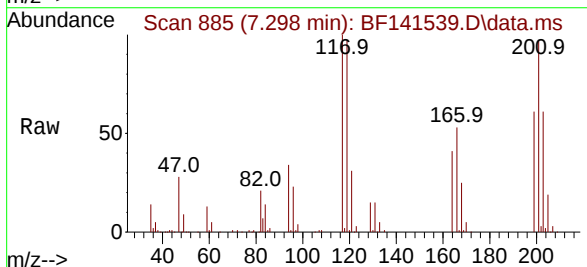
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

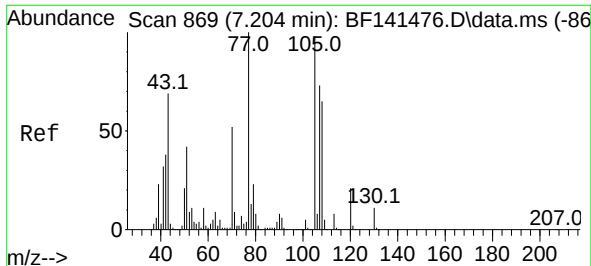
Tgt Ion:107 Resp: 192487
Ion Ratio Lower Upper
107 100
108 113.0 90.6 136.0
77 57.8 44.4 66.6
79 55.6 42.3 63.5



#18
Hexachloroethane
Concen: 43.208 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion:117 Resp: 98952
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7
201 97.3 76.7 115.1



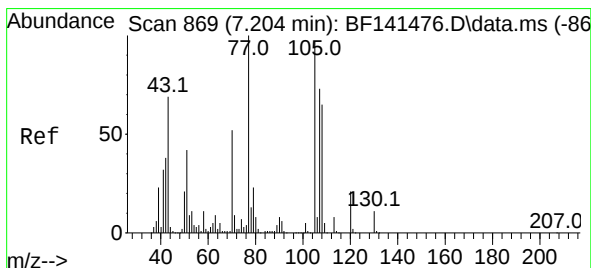
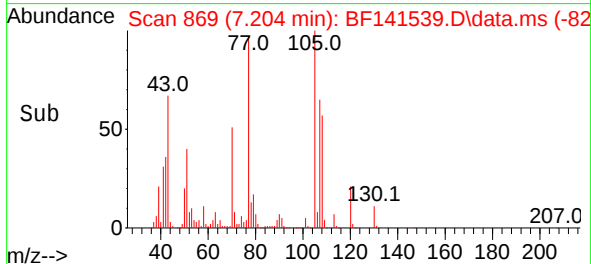
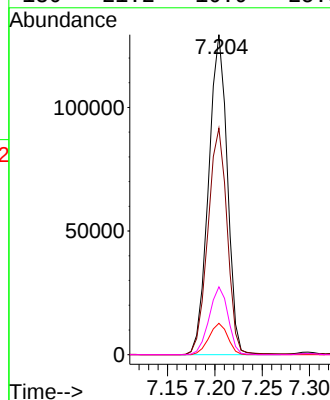
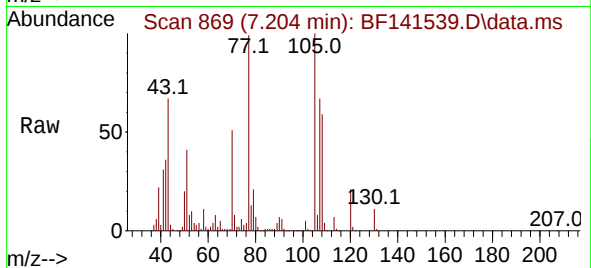


#19
n-Nitroso-di-n-propylamine
Concen: 44.374 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 70 Resp: 178114

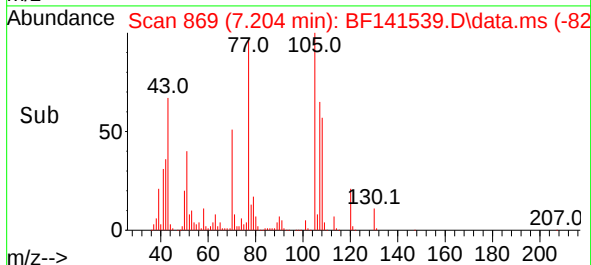
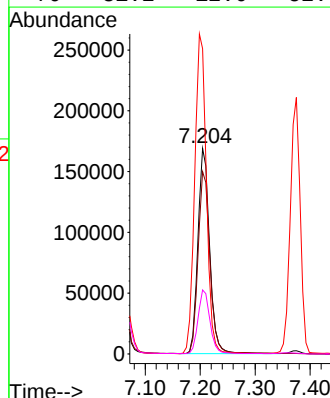
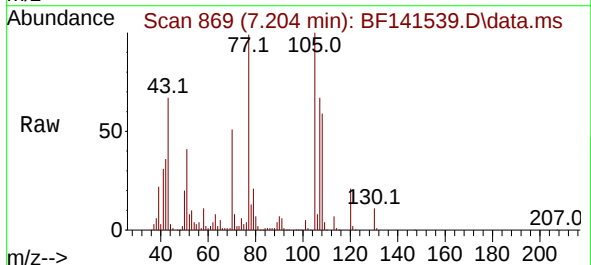
Ion	Ratio	Lower	Upper
70	100		
42	70.7	57.4	86.2
101	9.8	8.0	12.0
130	21.2	16.9	25.3

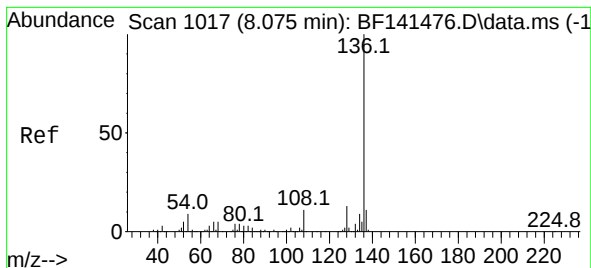


#20
3+4-Methylphenols
Concen: 43.663 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion: 107 Resp: 249120

Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.5	108.5
77	148.4	116.5	156.5
79	31.2	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:136 Resp: 331135

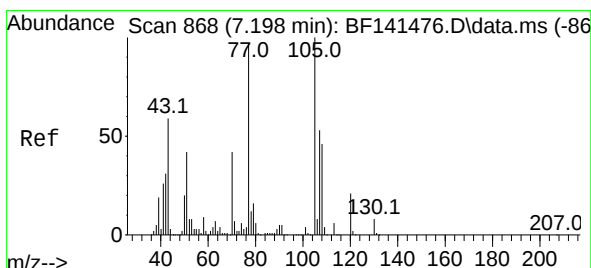
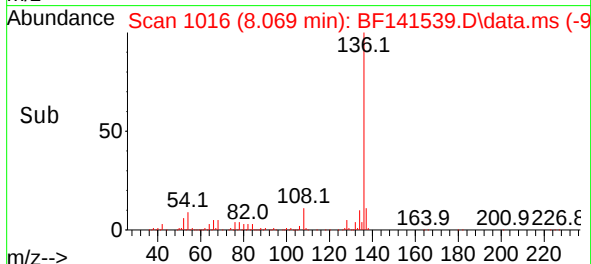
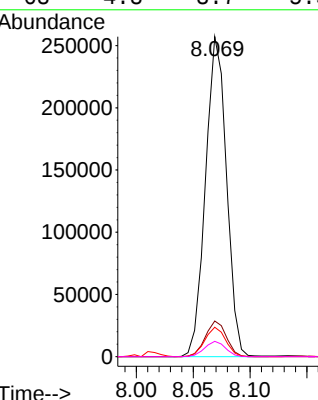
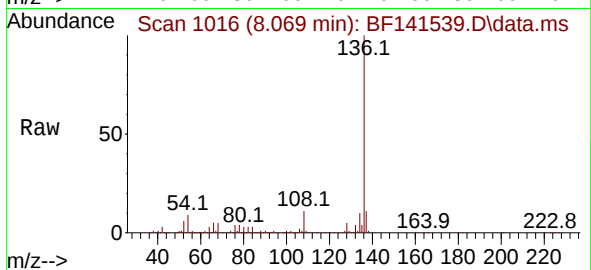
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 9.2 7.2 10.8

68 4.8 3.7 5.5



#22

Acetophenone

Concen: 47.079 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Tgt Ion:105 Resp: 387794

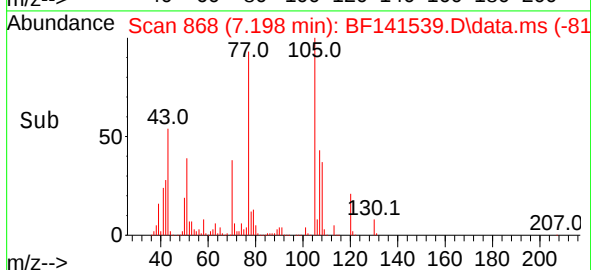
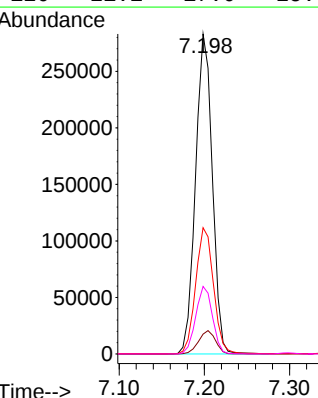
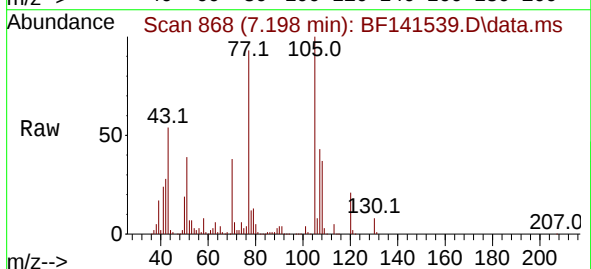
Ion Ratio Lower Upper

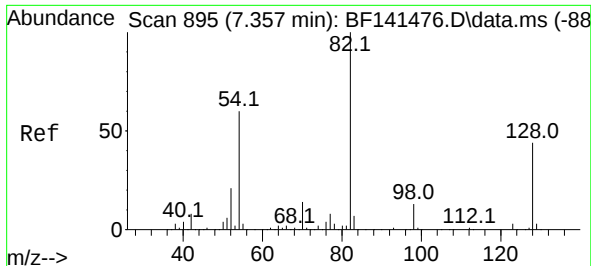
105 100

71 6.2 5.7 8.5

51 39.4 33.7 50.5

120 21.1 17.0 25.6

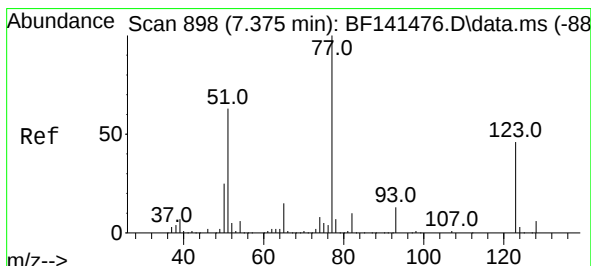
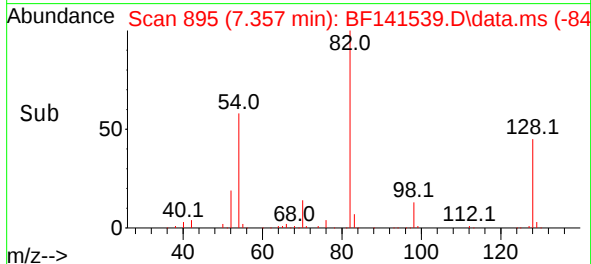
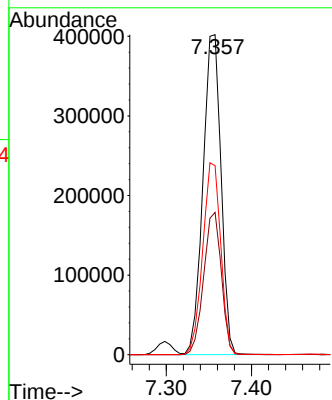
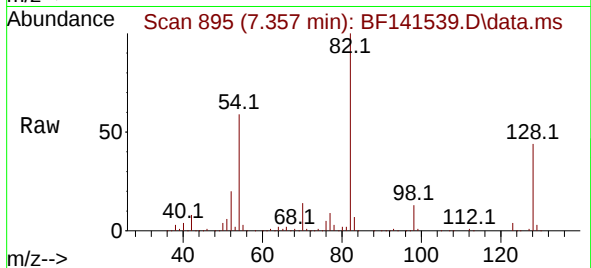




#23
Nitrobenzene-d5
Concen: 93.069 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

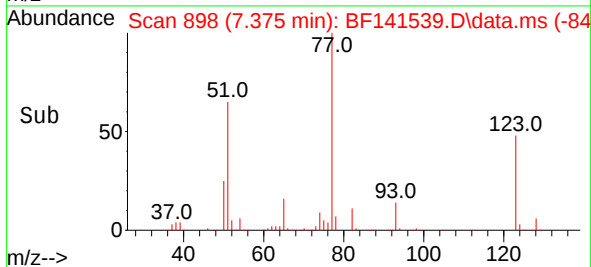
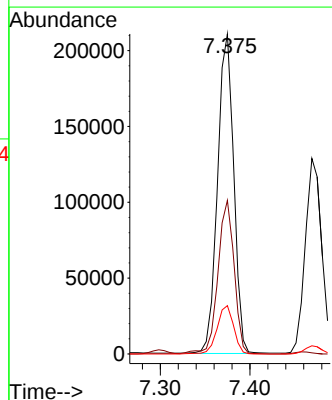
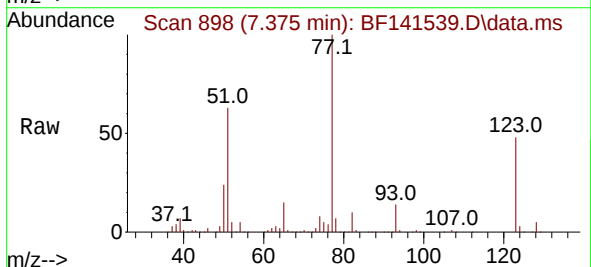
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

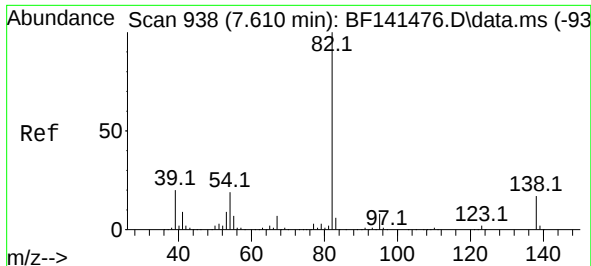
Tgt Ion: 82 Resp: 590861
Ion Ratio Lower Upper
82 100
128 44.5 34.8 52.2
54 59.1 48.2 72.4



#24
Nitrobenzene
Concen: 42.760 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion: 77 Resp: 264714
Ion Ratio Lower Upper
77 100
123 48.0 36.9 55.3
65 15.1 11.9 17.9

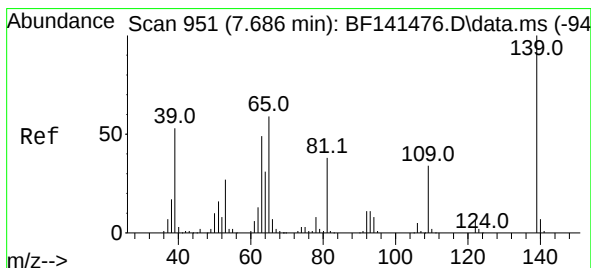
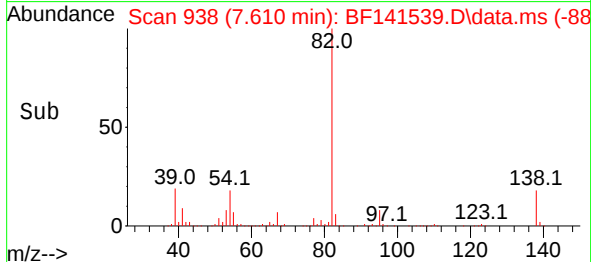
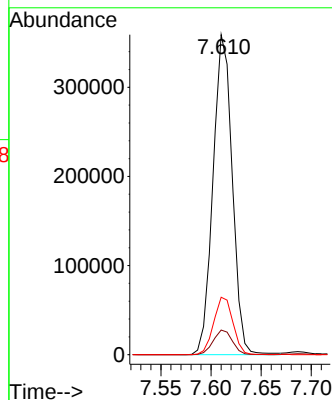
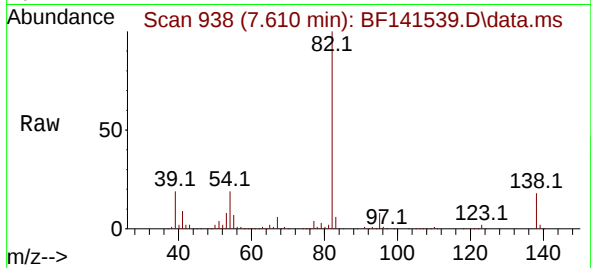




#25
Isophorone
Concen: 47.288 ng
RT: 7.610 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

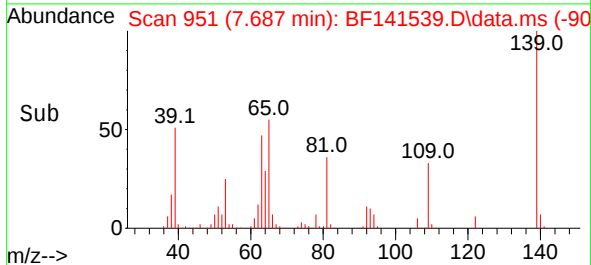
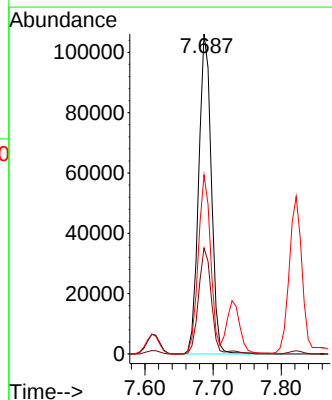
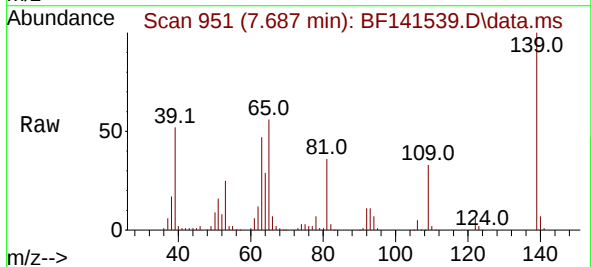
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

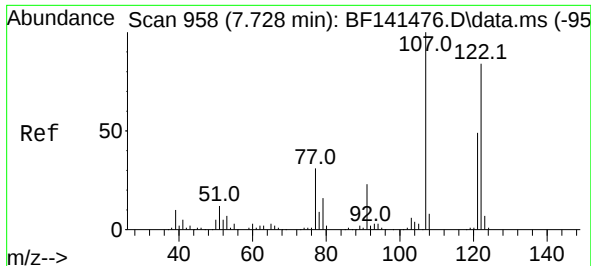
Tgt Ion: 82 Resp: 478686
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.0 13.9 20.9



#26
2-Nitrophenol
Concen: 44.392 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion:139 Resp: 136726
Ion Ratio Lower Upper
139 100
109 33.1 27.0 40.6
65 56.0 47.1 70.7

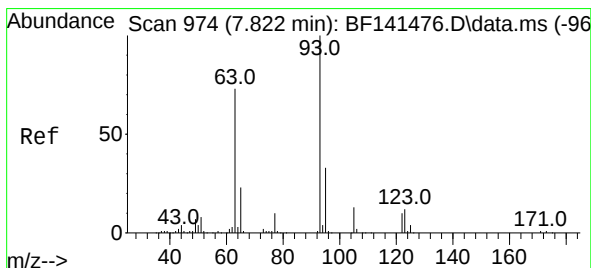
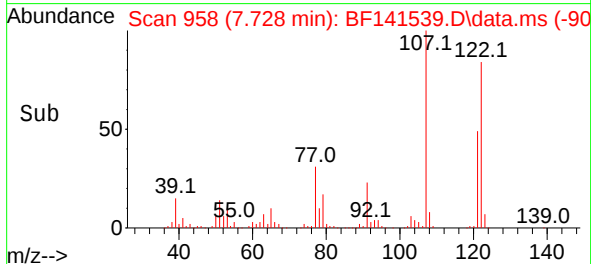
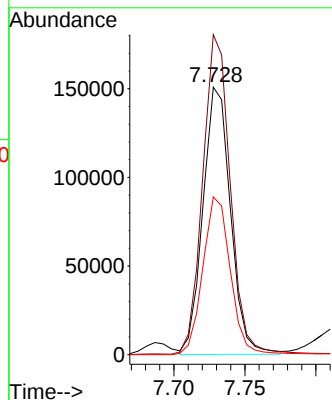
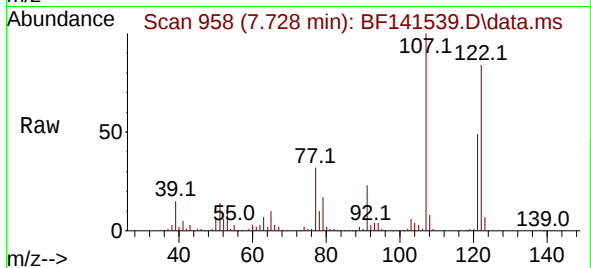




#27
2,4-Dimethylphenol
Concen: 56.752 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

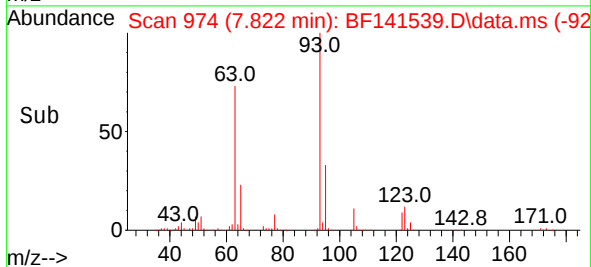
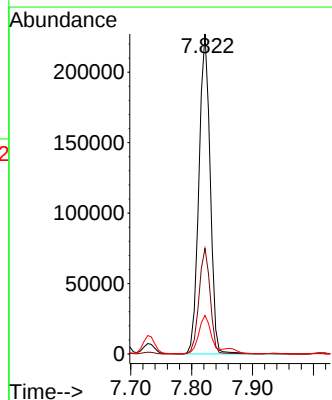
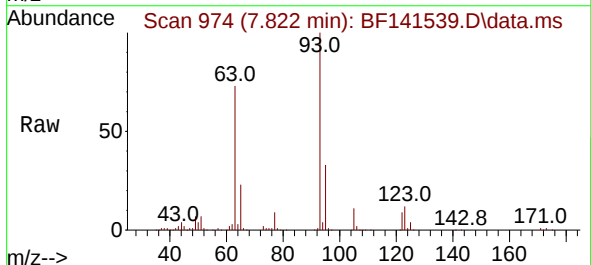
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

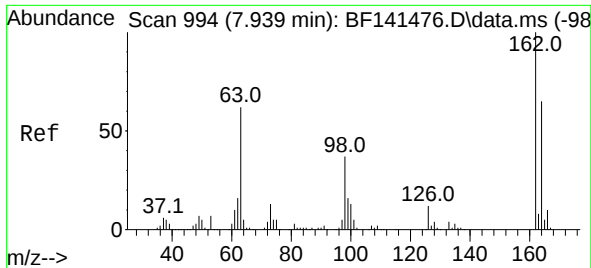
Tgt Ion:122 Resp: 204202
Ion Ratio Lower Upper
122 100
107 119.6 94.3 141.5
121 58.9 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.783 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion: 93 Resp: 290484
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 12.0 9.5 14.3

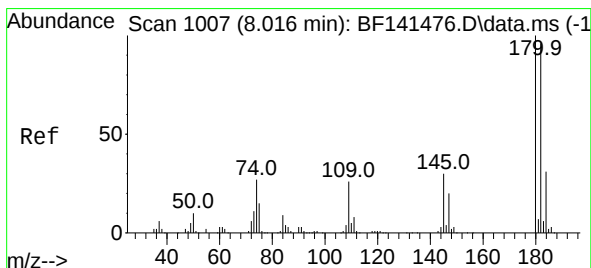
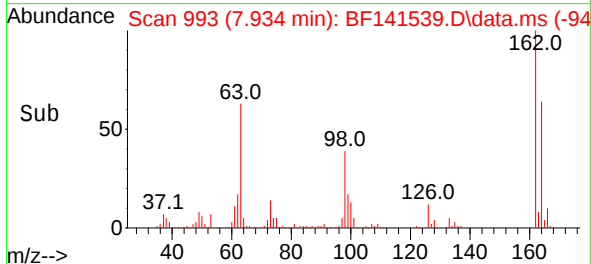
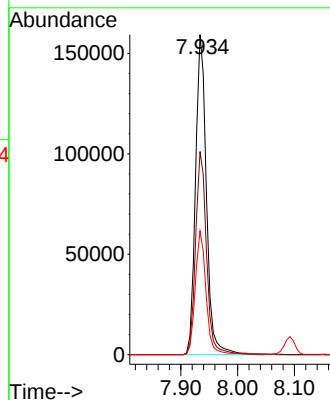
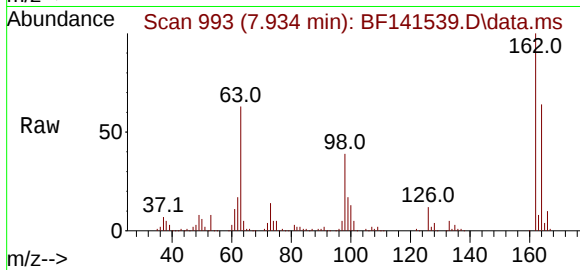




#29
2,4-Dichlorophenol
Concen: 44.061 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

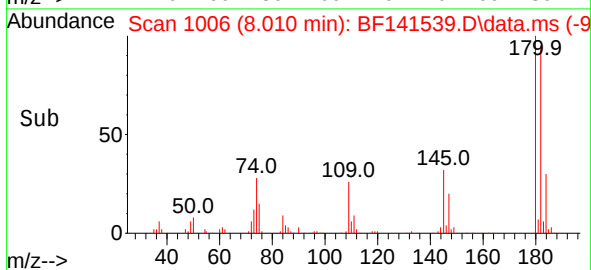
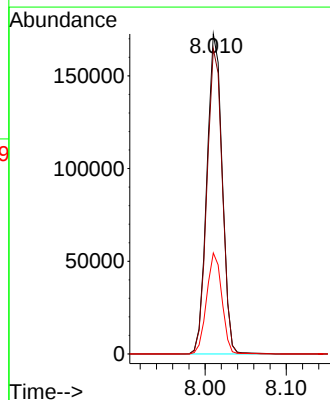
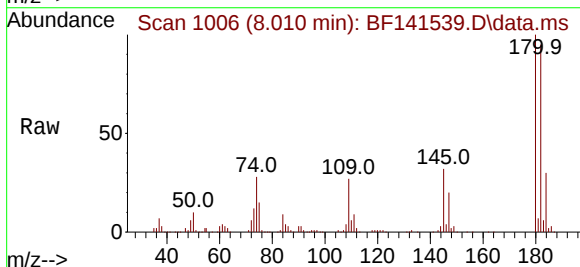
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

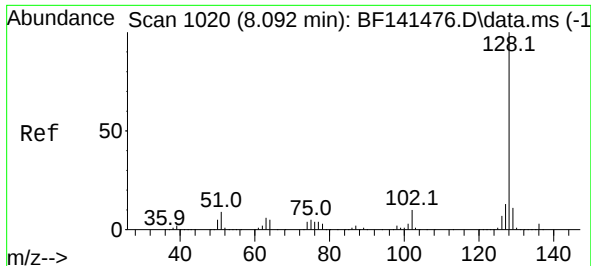
Tgt Ion:162 Resp: 214203
Ion Ratio Lower Upper
162 100
164 63.5 44.6 84.6
98 38.7 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 42.619 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion:180 Resp: 225628
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 31.5 24.2 36.4





#31

Naphthalene

Concen: 42.072 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

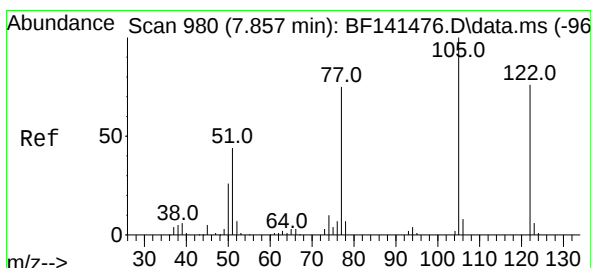
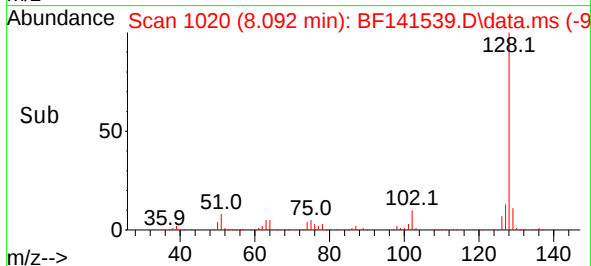
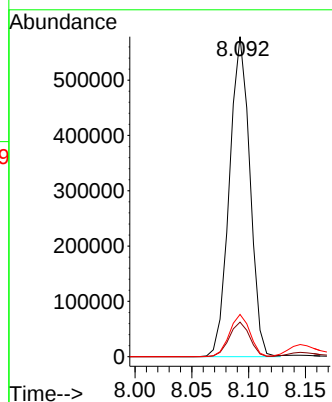
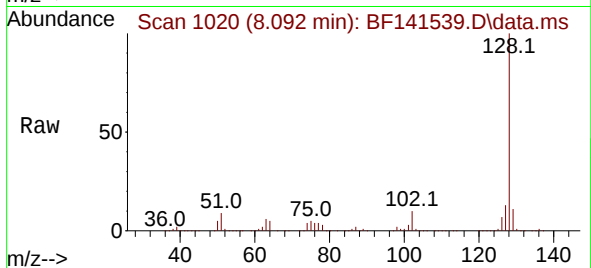
Tgt Ion:128 Resp: 725180

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 41.404 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.029 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

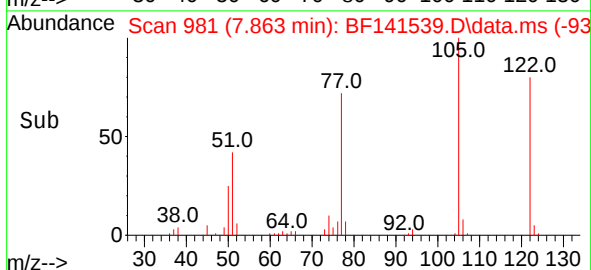
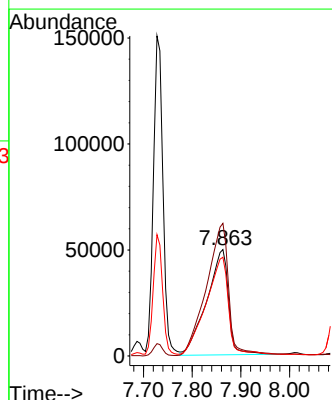
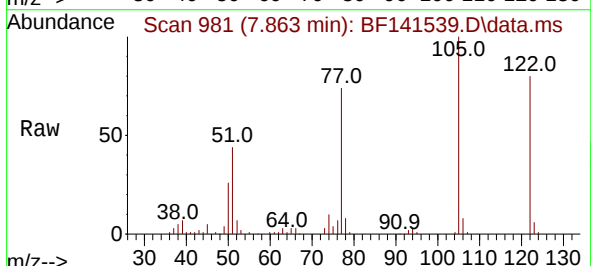
Tgt Ion:122 Resp: 154744

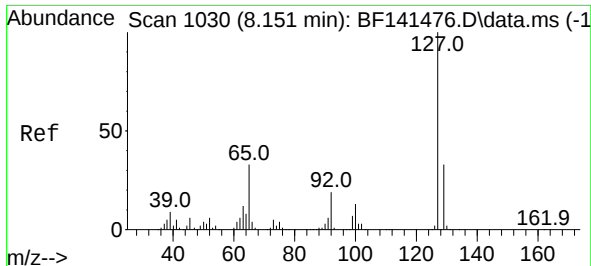
Ion Ratio Lower Upper

122 100

105 124.7 106.5 146.5

77 92.8 76.3 116.3





#33

4-Chloroaniline

Concen: 7.881 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:127 Resp: 47429

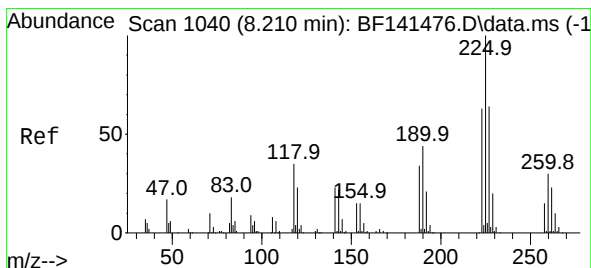
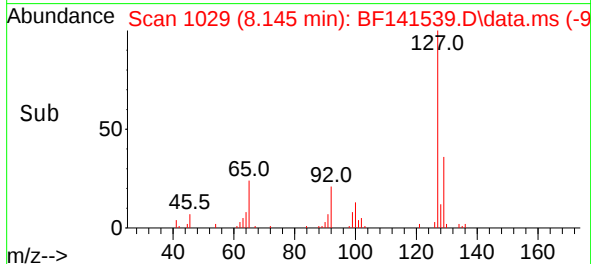
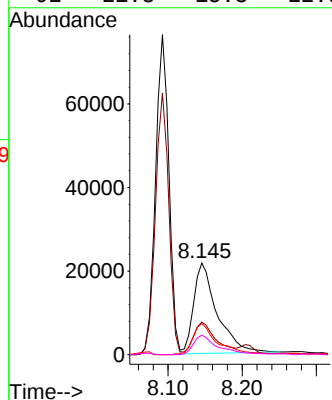
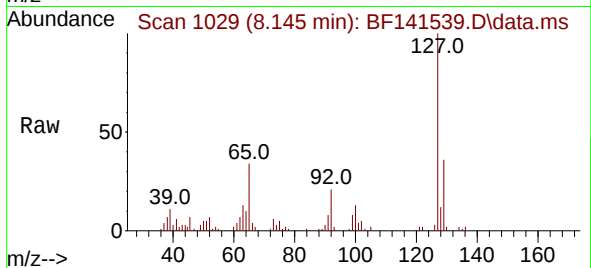
Ion Ratio Lower Upper

127 100

129 35.6 26.5 39.7

65 34.0 26.4 39.6

92 21.3 15.3 22.9



#34

Hexachlorobutadiene

Concen: 43.595 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

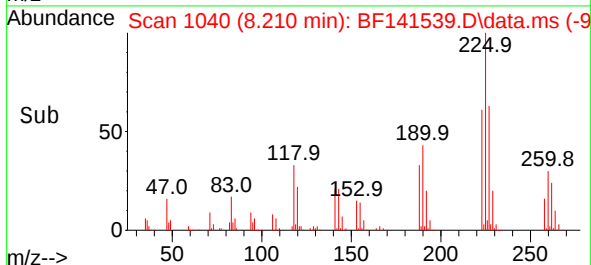
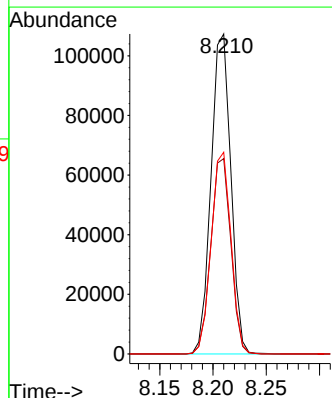
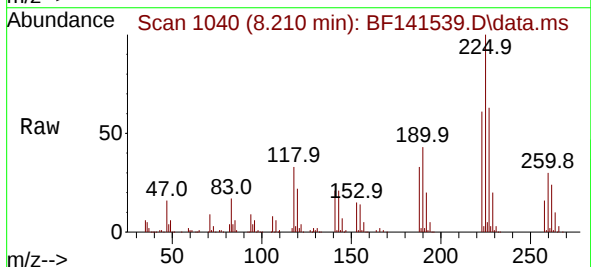
Tgt Ion:225 Resp: 138555

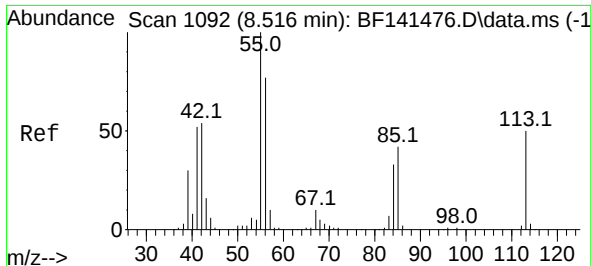
Ion Ratio Lower Upper

225 100

223 61.1 50.1 75.1

227 63.1 51.0 76.6





#35

Caprolactam

Concen: 17.769 ng

RT: 8.551 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

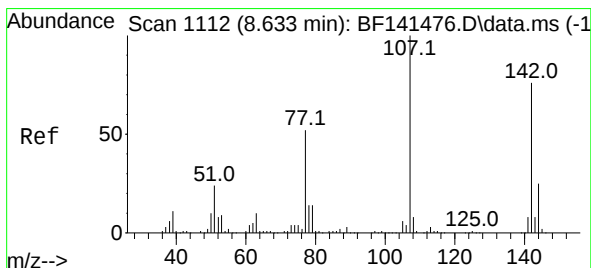
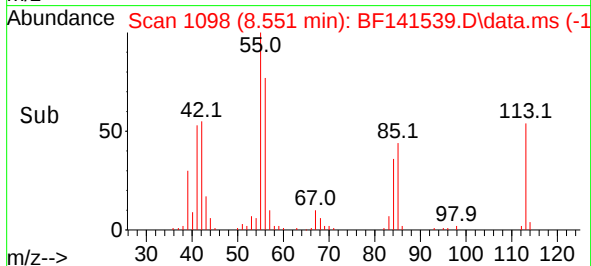
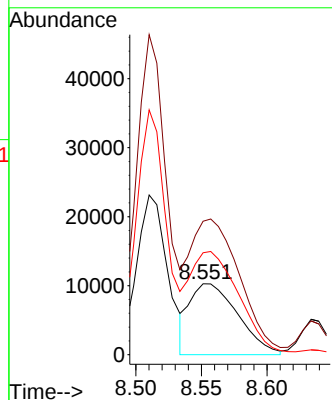
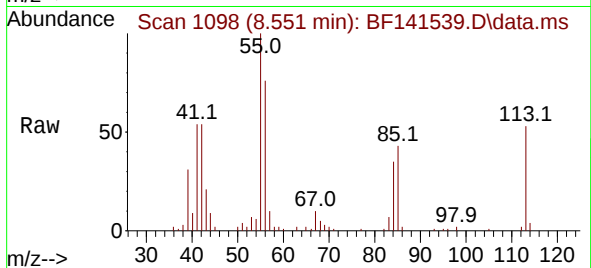
Tgt Ion:113 Resp: 26302

Ion Ratio Lower Upper

113 100

55 188.3 180.8 220.8

56 143.8 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 43.964 ng

RT: 8.634 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

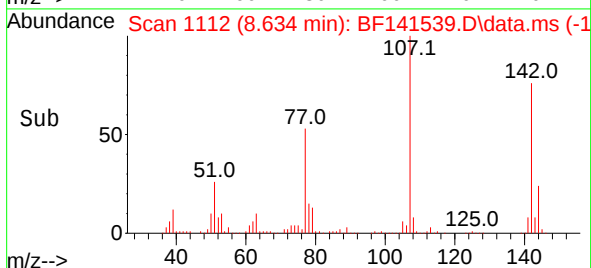
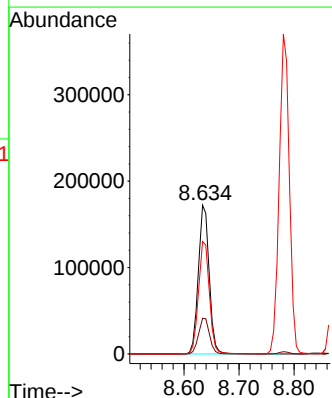
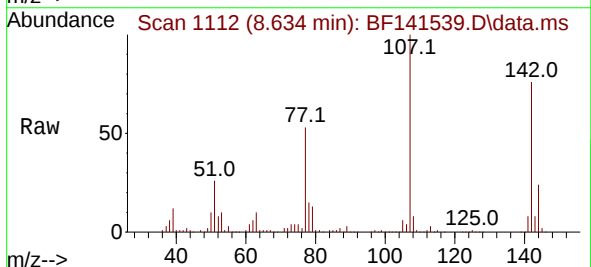
Tgt Ion:107 Resp: 236753

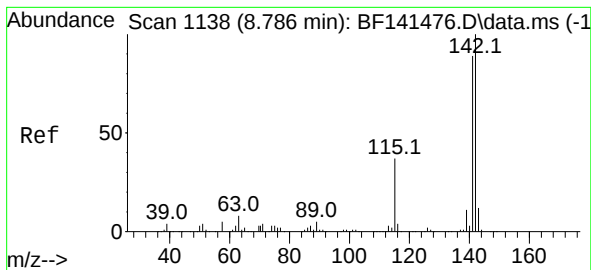
Ion Ratio Lower Upper

107 100

144 24.0 19.7 29.5

142 75.6 60.8 91.2





#37

2-Methylnaphthalene

Concen: 42.436 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

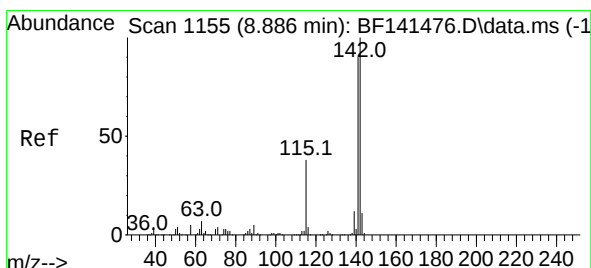
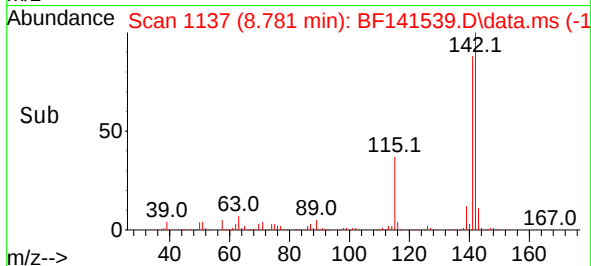
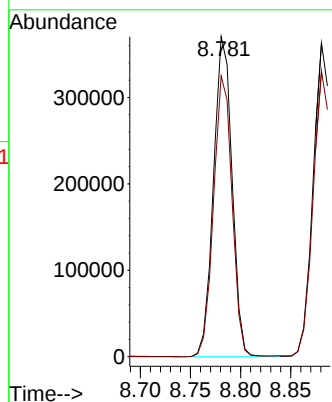
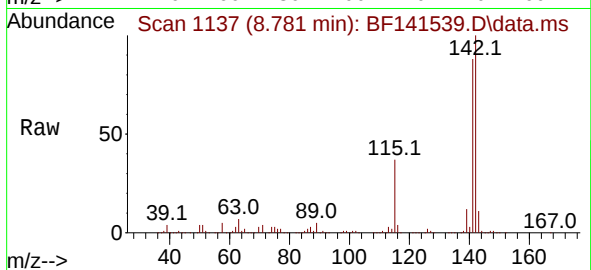
WC-1MSD

Tgt Ion:142 Resp: 475982

Ion Ratio Lower Upper

142 100

141 87.7 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.458 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF141539.D

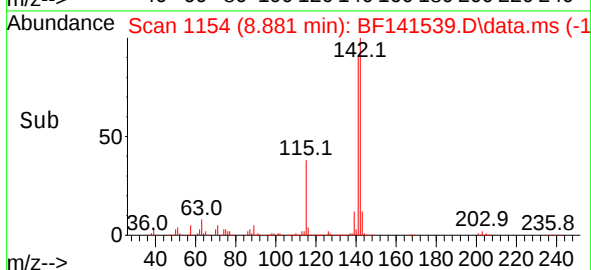
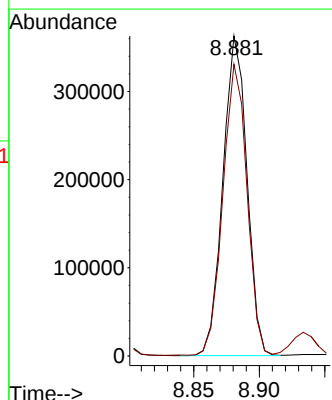
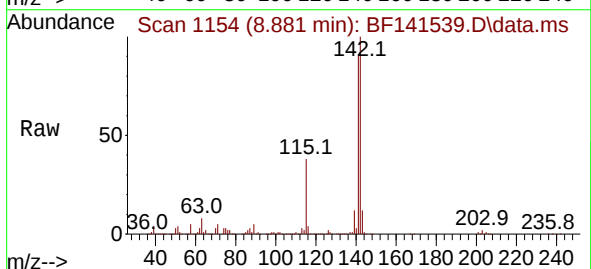
Acq: 10 Feb 2025 17:16

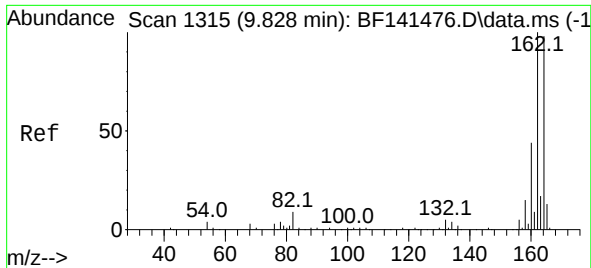
Tgt Ion:142 Resp: 461251

Ion Ratio Lower Upper

142 100

141 91.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

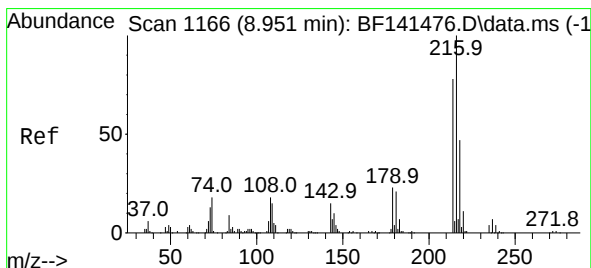
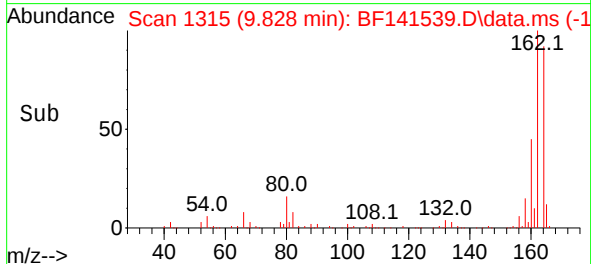
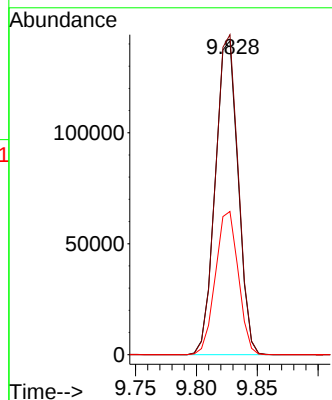
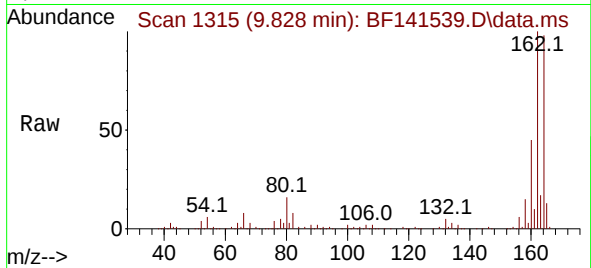
Tgt Ion:164 Resp: 185399

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

160 45.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.491 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Tgt Ion:216 Resp: 254734

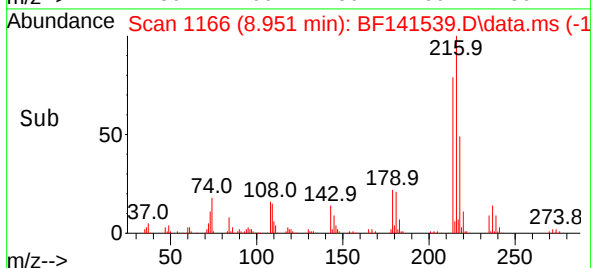
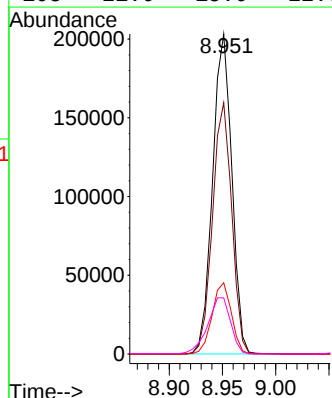
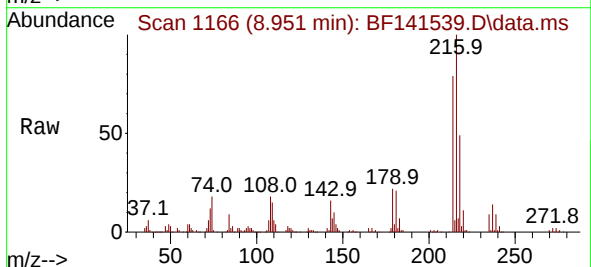
Ion Ratio Lower Upper

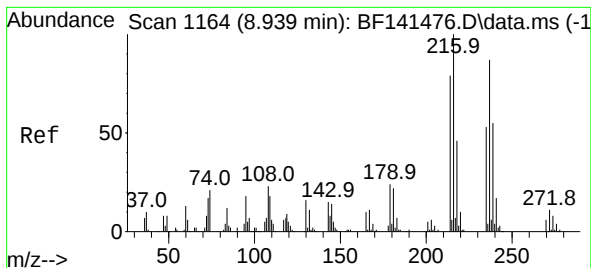
216 100

214 78.5 62.3 93.5

179 22.3 18.0 27.0

108 21.0 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 150.349 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

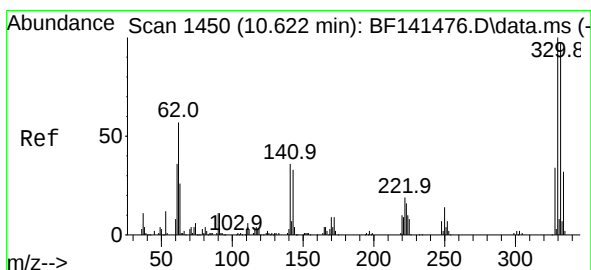
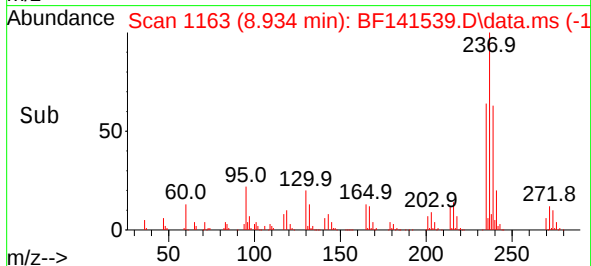
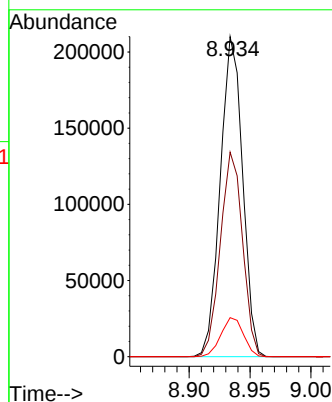
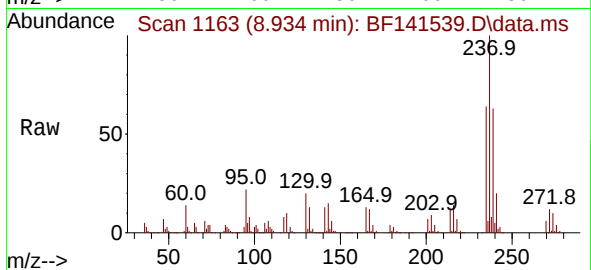
Tgt Ion:237 Resp: 268230

Ion Ratio Lower Upper

237 100

235 63.9 41.4 81.4

272 12.2 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 139.948 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

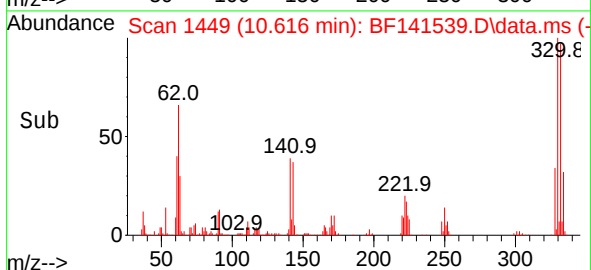
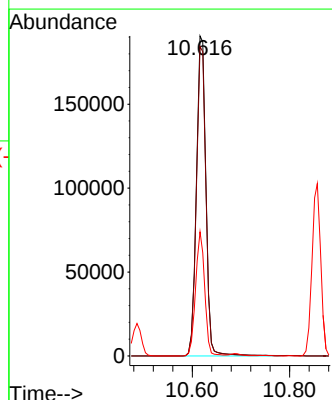
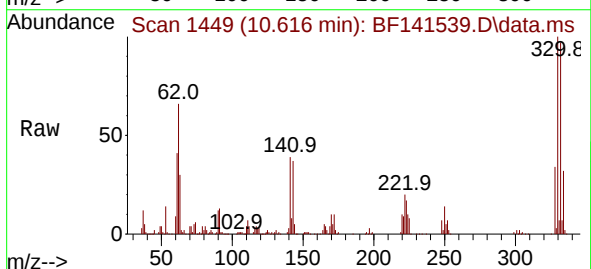
Tgt Ion:330 Resp: 260641

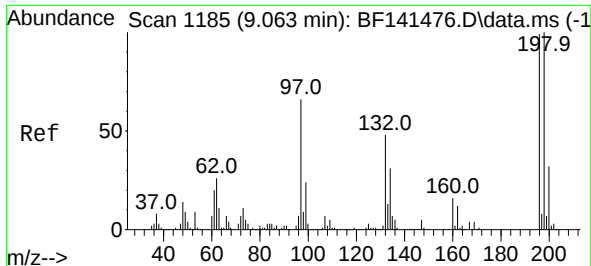
Ion Ratio Lower Upper

330 100

332 97.0 78.5 117.7

141 37.3 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 44.577 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

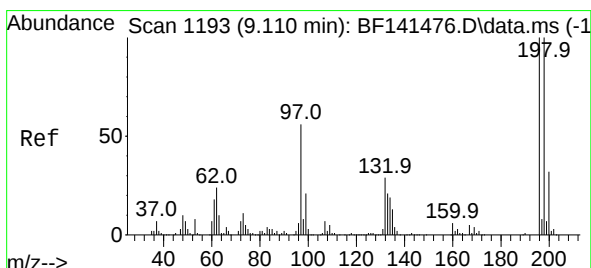
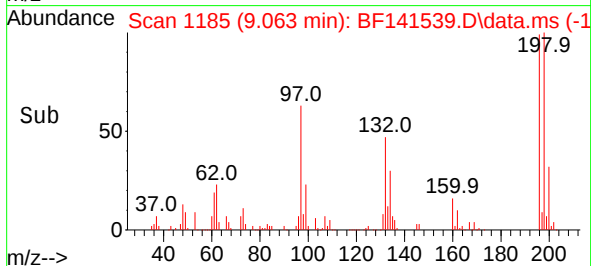
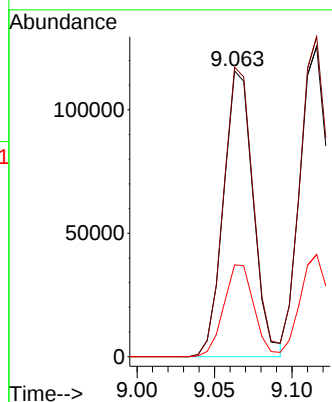
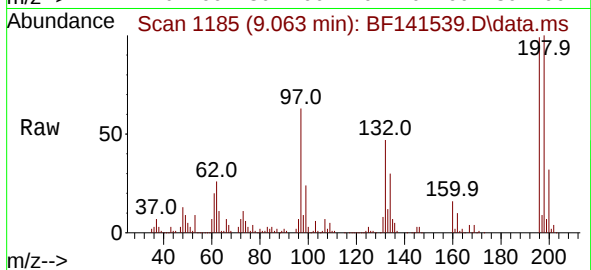
Tgt Ion:196 Resp: 154537

Ion Ratio Lower Upper

196 100

198 101.3 80.6 121.0

200 32.1 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.110 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Tgt Ion:196 Resp: 165725

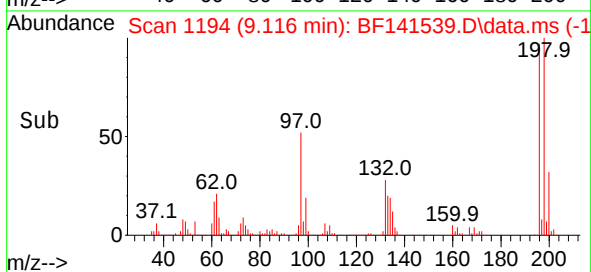
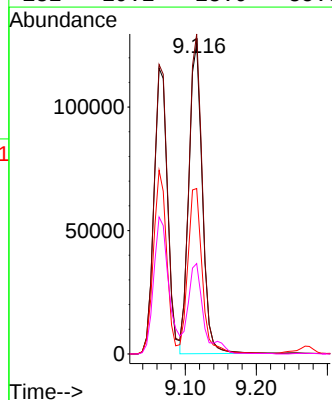
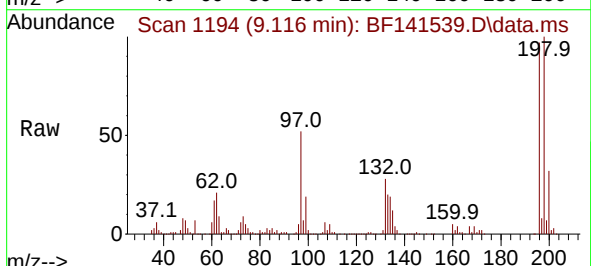
Ion Ratio Lower Upper

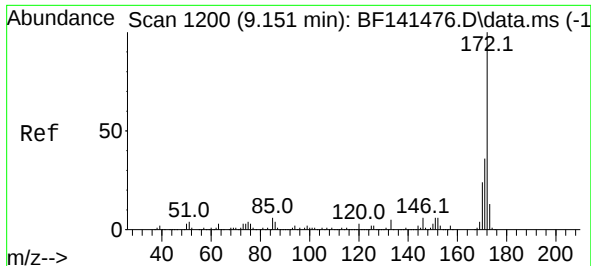
196 100

198 103.2 79.8 119.8

97 53.3 44.8 67.2

132 29.2 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 92.520 ng

RT: 9.145 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

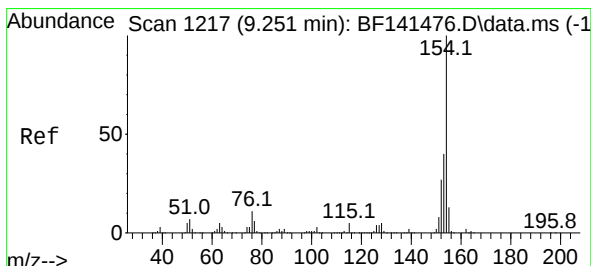
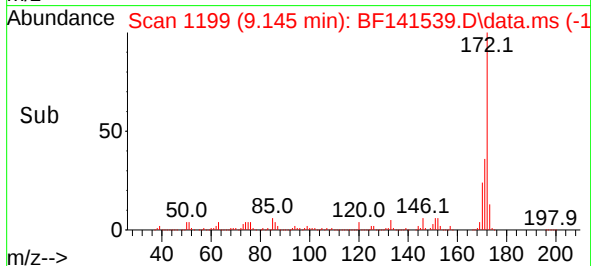
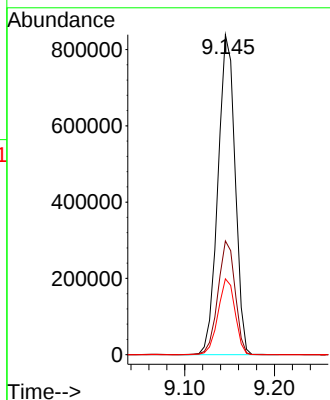
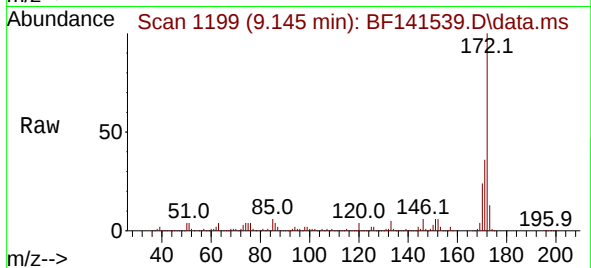
Tgt Ion:172 Resp: 1113371

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 47.725 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

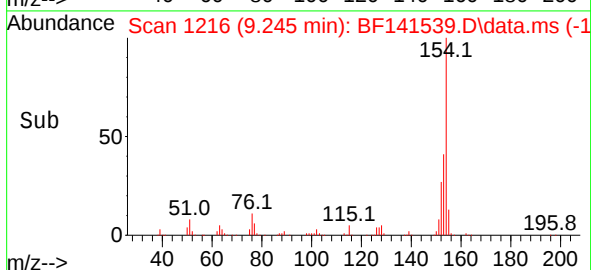
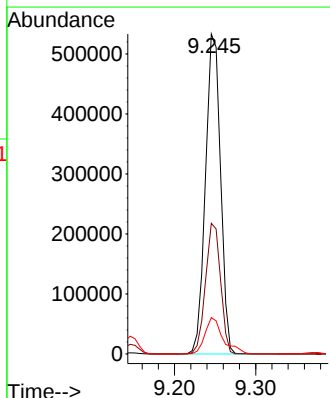
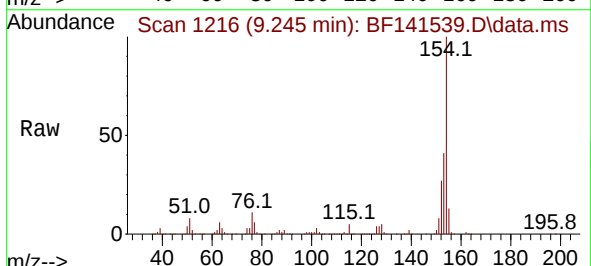
Tgt Ion:154 Resp: 685981

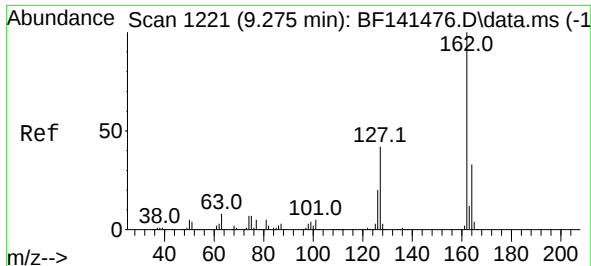
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.4 0.0 30.8





#47

2-Chloronaphthalene

Concen: 43.676 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

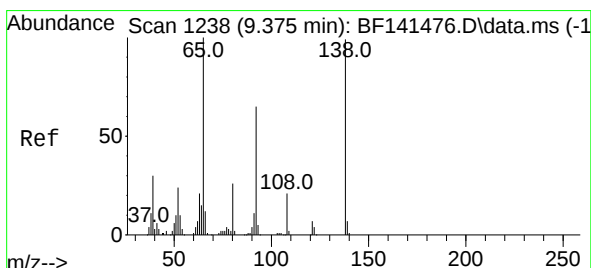
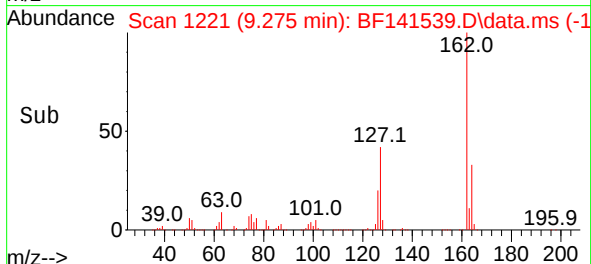
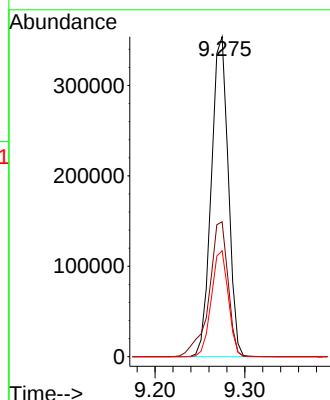
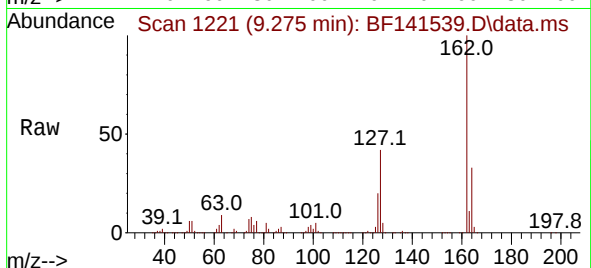
Tgt Ion:162 Resp: 464228

Ion Ratio Lower Upper

162 100

127 42.1 34.1 51.1

164 33.1 26.3 39.5



#48

2-Nitroaniline

Concen: 44.592 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

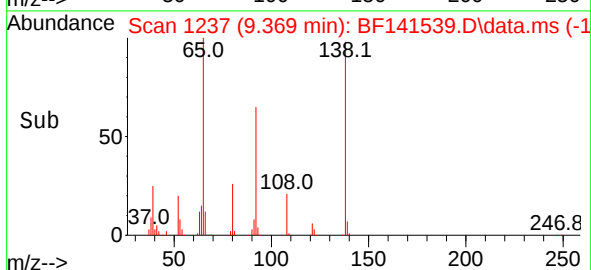
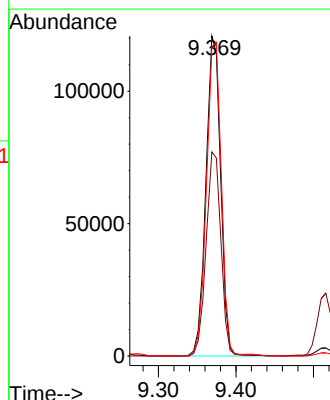
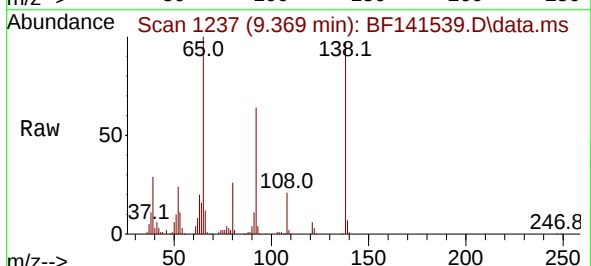
Tgt Ion: 65 Resp: 159062

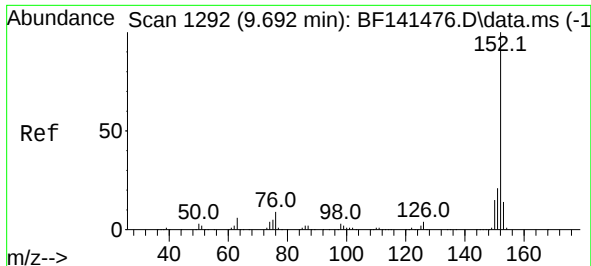
Ion Ratio Lower Upper

65 100

92 63.8 52.2 78.2

138 96.6 79.5 119.3





#49

Acenaphthylene

Concen: 45.655 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

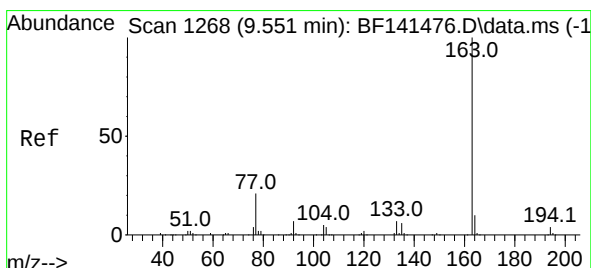
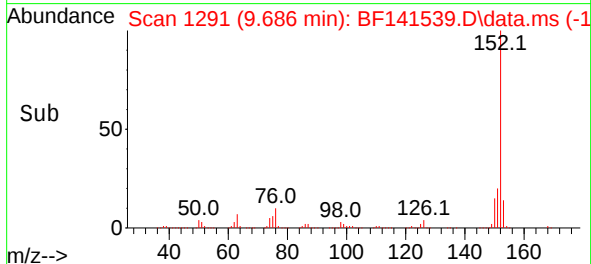
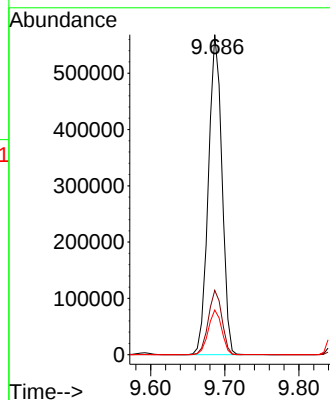
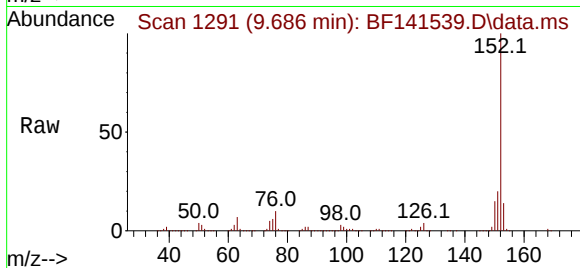
Tgt Ion:152 Resp: 721765

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 45.973 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

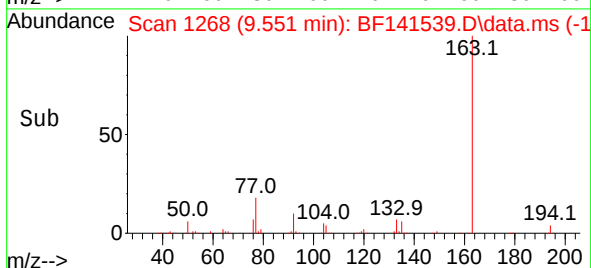
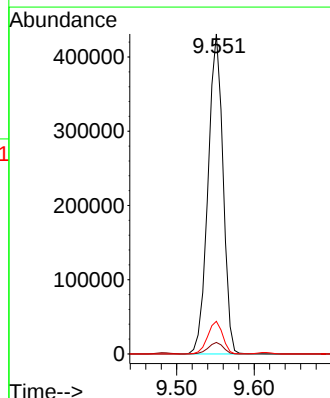
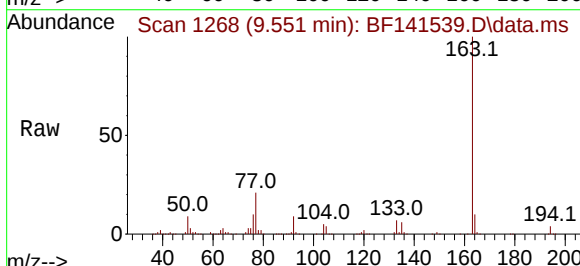
Tgt Ion:163 Resp: 578633

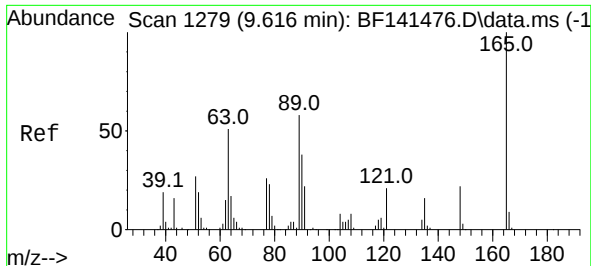
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 45.845 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

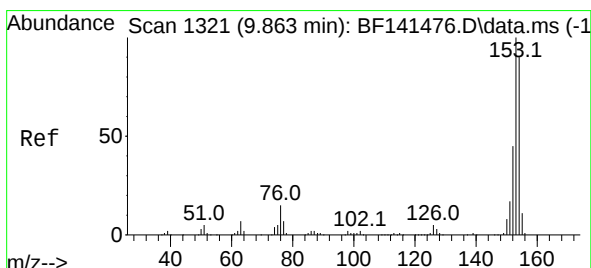
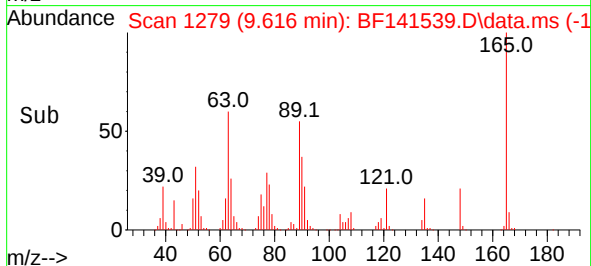
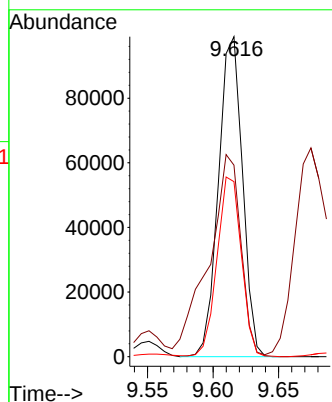
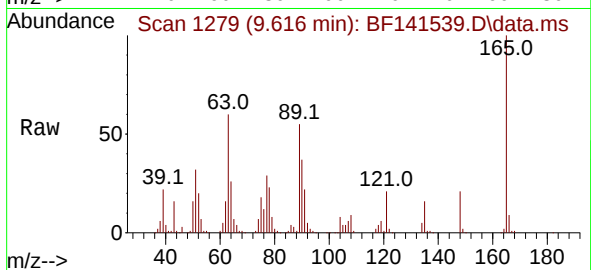
Tgt Ion:165 Resp: 126139

Ion Ratio Lower Upper

165 100

63 59.9 49.4 74.0

89 54.7 46.5 69.7



#52

Acenaphthene

Concen: 43.572 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

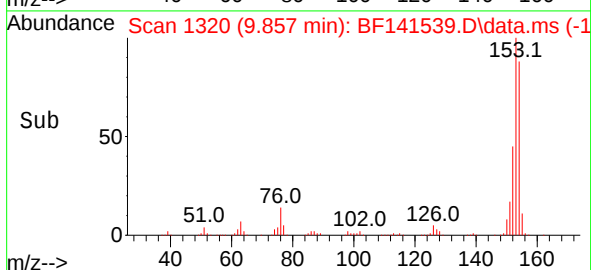
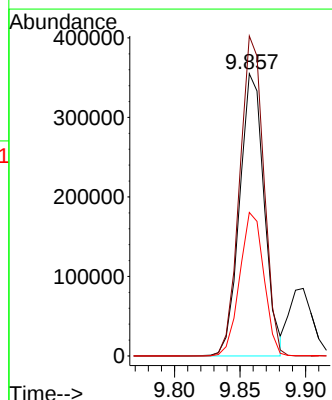
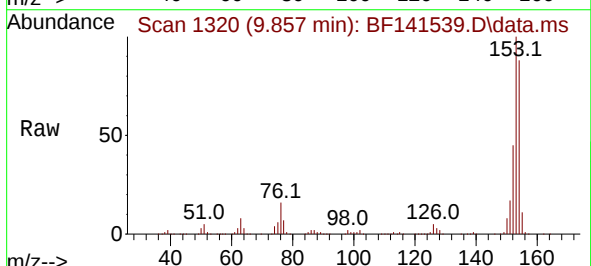
Tgt Ion:154 Resp: 463102

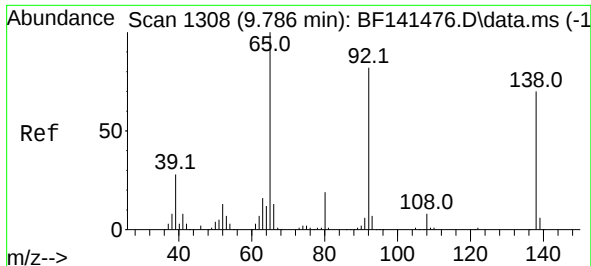
Ion Ratio Lower Upper

154 100

153 113.4 89.2 133.8

152 50.8 39.8 59.8

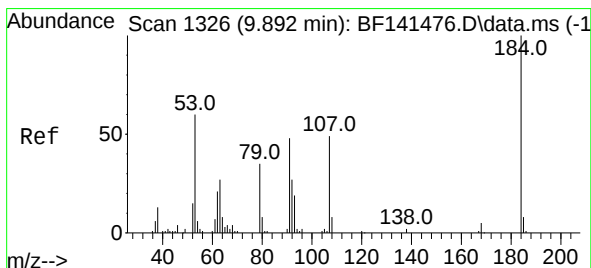
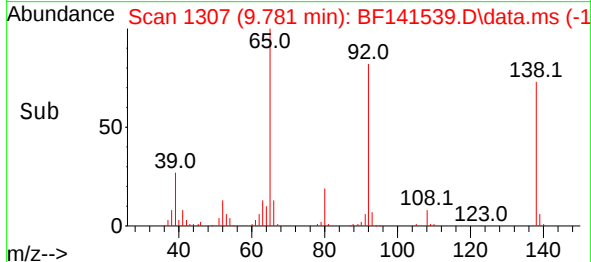
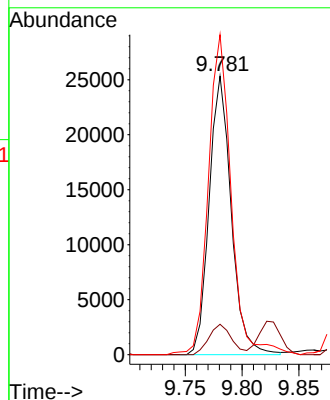
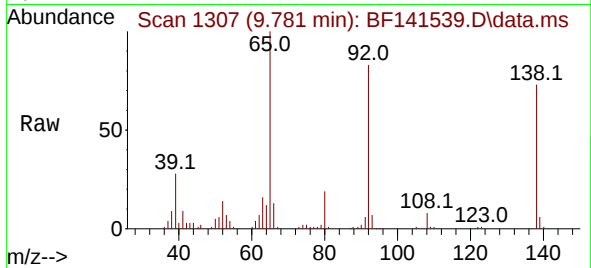




#53
3-Nitroaniline
Concen: 11.557 ng
RT: 9.781 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

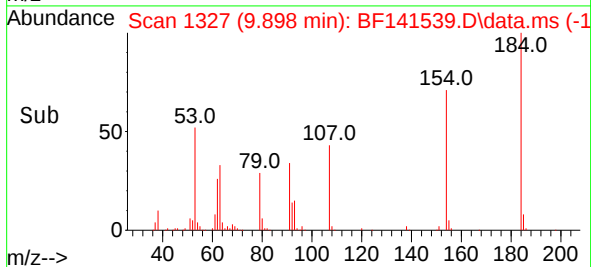
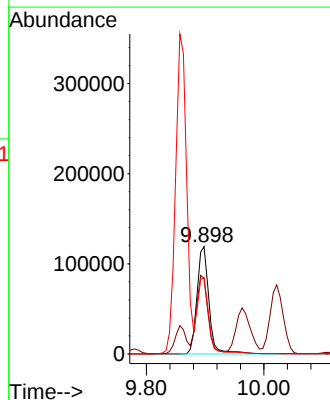
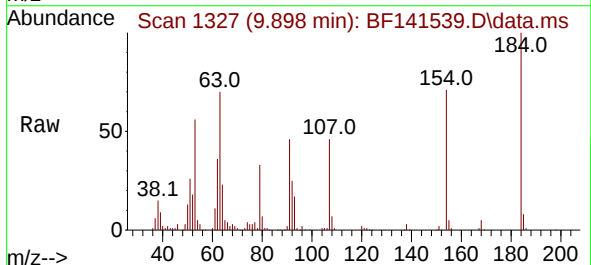
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

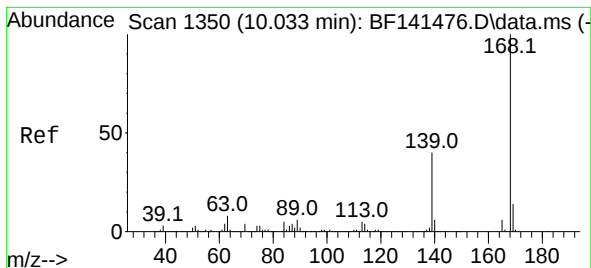
Tgt Ion:138 Resp: 34226
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 114.9 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 103.436 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion:184 Resp: 169144
Ion Ratio Lower Upper
184 100
63 69.9 61.0 91.6
154 71.3 59.9 89.9





#55

Dibenzenofuran

Concen: 42.495 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

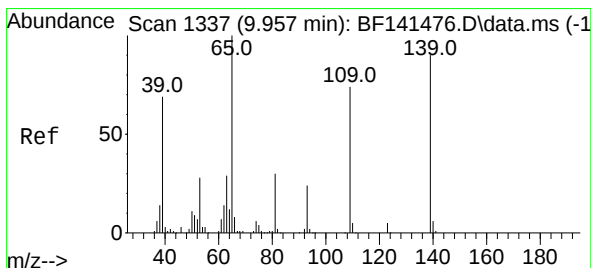
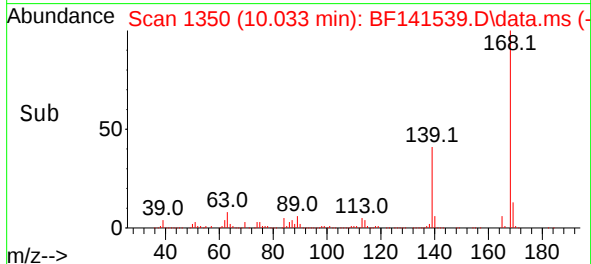
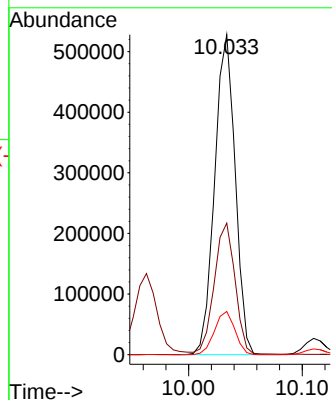
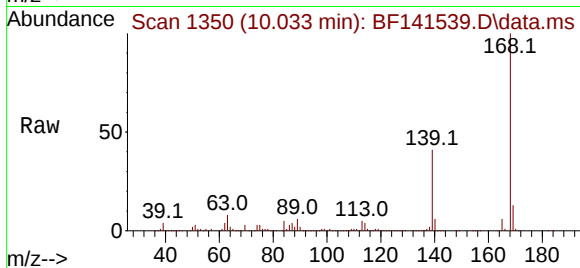
Tgt Ion:168 Resp: 662947

Ion Ratio Lower Upper

168 100

139 41.1 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 84.302 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

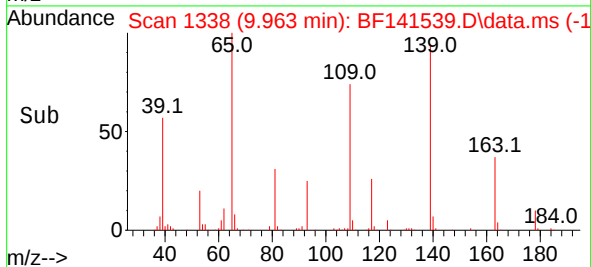
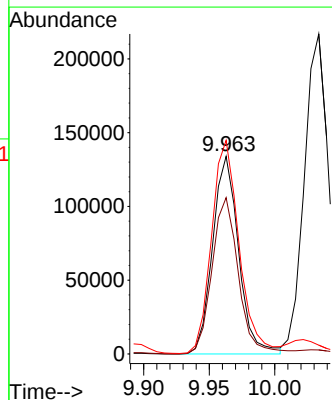
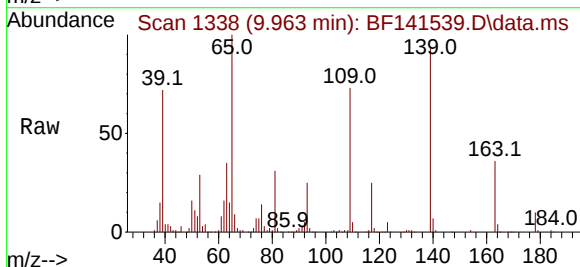
Tgt Ion:139 Resp: 185323

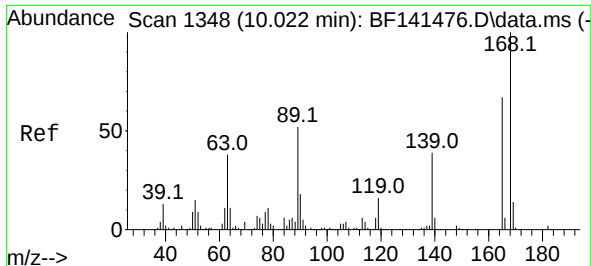
Ion Ratio Lower Upper

139 100

109 79.1 62.0 102.0

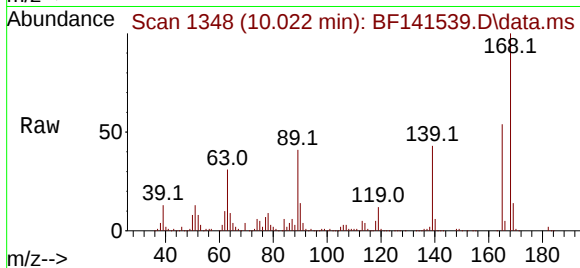
65 108.1 91.2 131.2



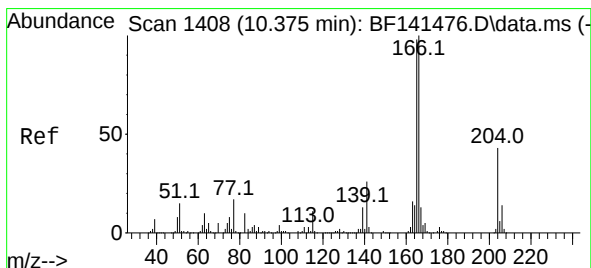
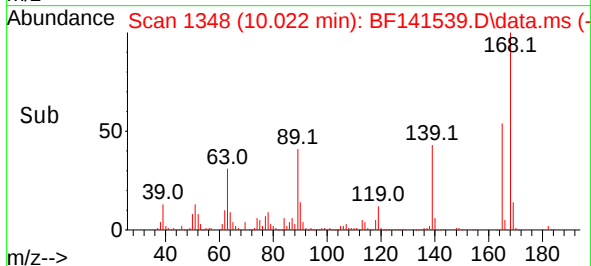
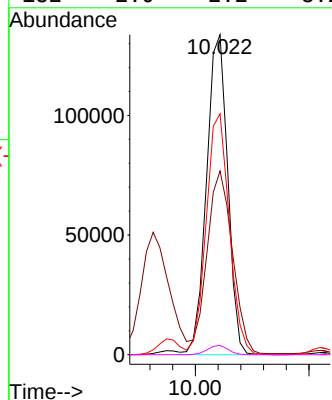


#57
2,4-Dinitrotoluene
Concen: 47.103 ng
RT: 10.022 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

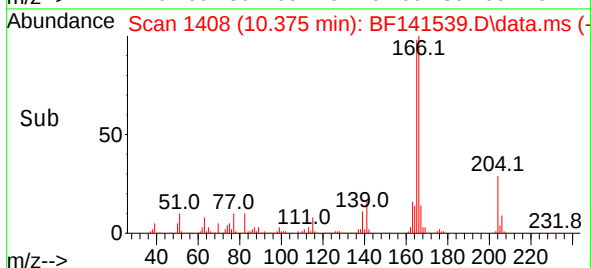
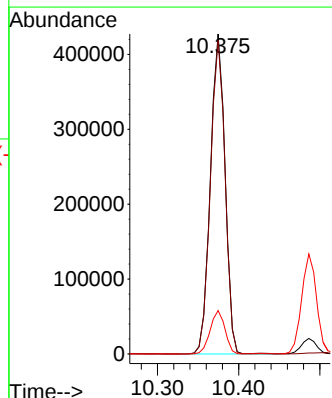
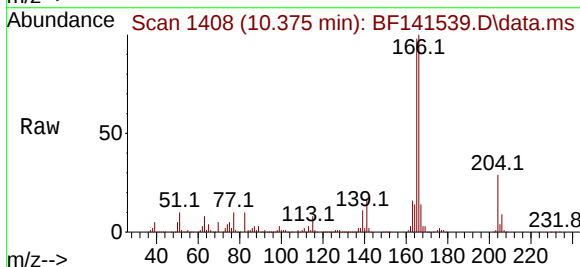


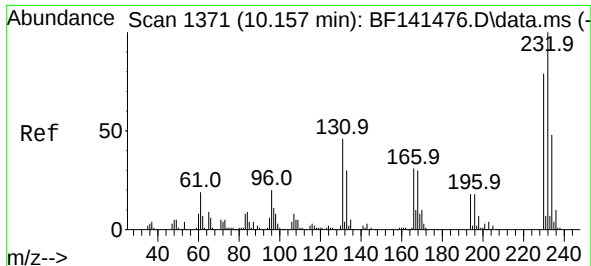
Tgt Ion:165 Resp: 172530
Ion Ratio Lower Upper
165 100
63 57.4 46.4 69.6
89 75.3 61.8 92.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 44.405 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

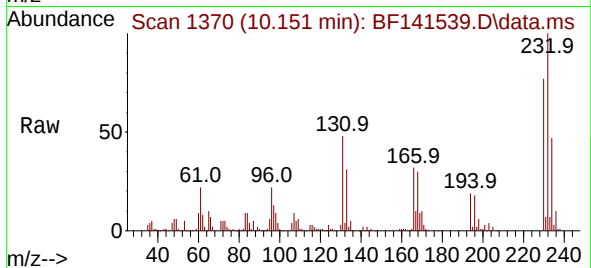
Tgt Ion:166 Resp: 535625
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.5 10.7 16.1



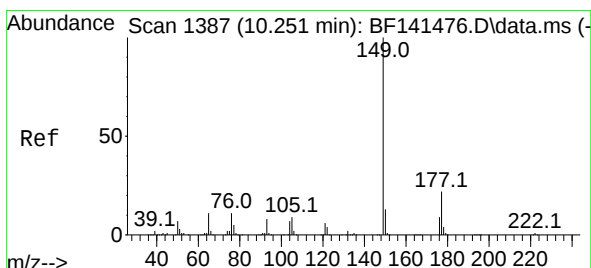
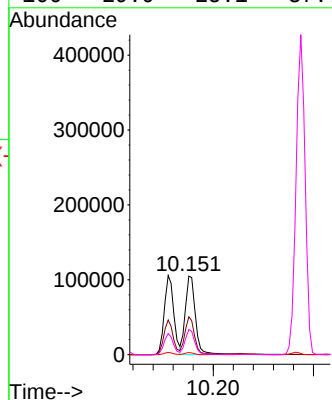
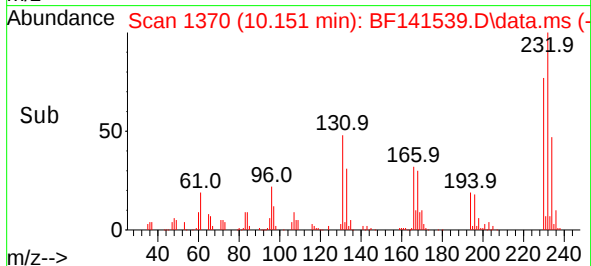


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.661 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

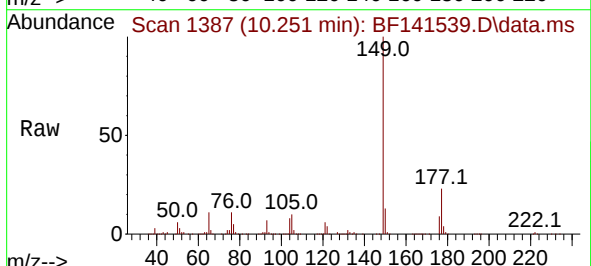
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



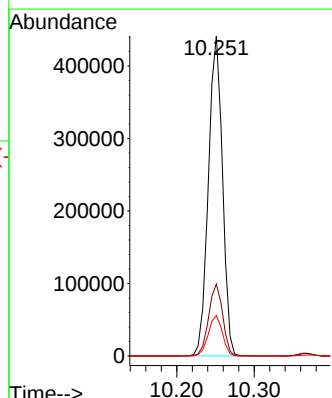
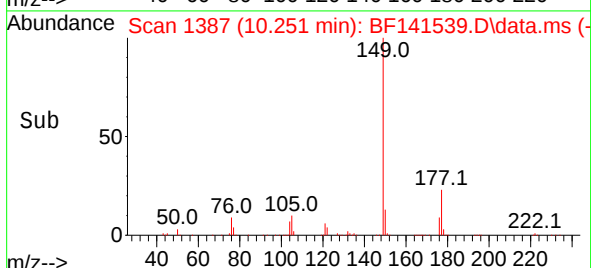
Tgt Ion:232 Resp: 147698
Ion Ratio Lower Upper
232 100
131 45.8 39.2 58.8
130 2.4 2.1 3.1
166 29.9 25.1 37.7

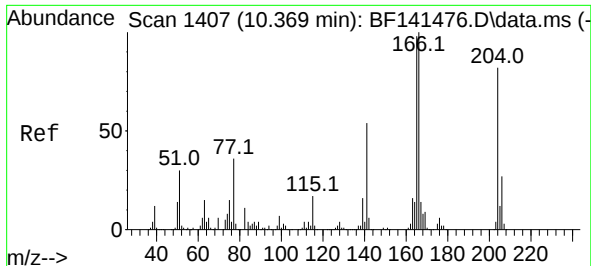


#60
Diethylphthalate
Concen: 44.980 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16



Tgt Ion:149 Resp: 557008
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 12.7 10.1 15.1

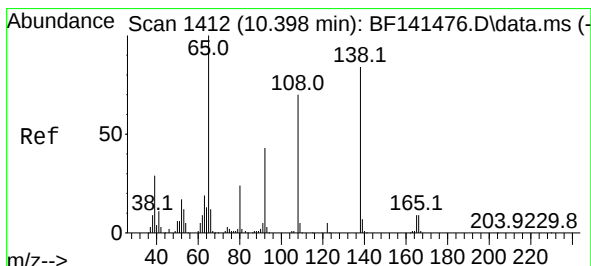
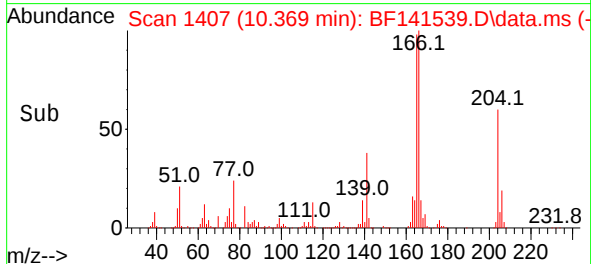
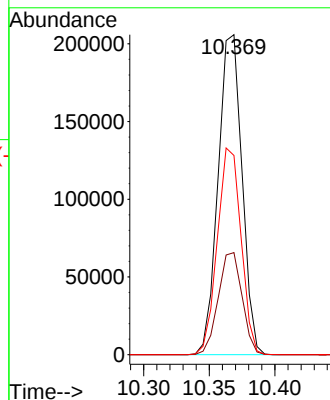
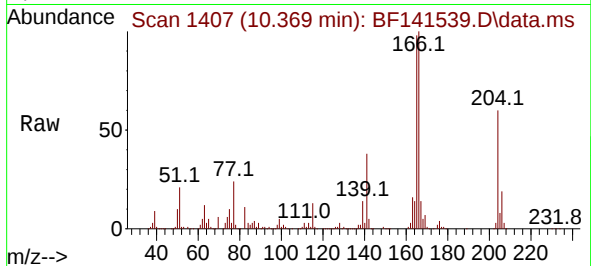




#61
4-Chlorophenyl-phenylether
Concen: 44.924 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

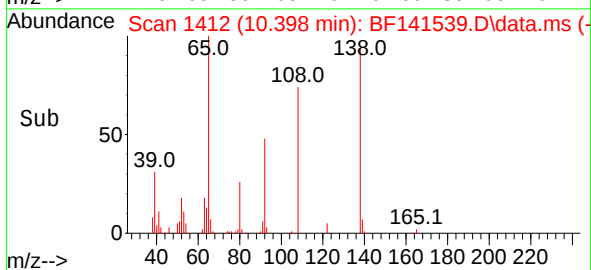
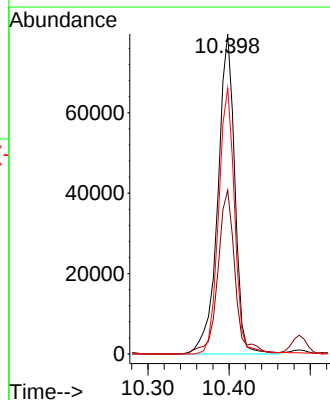
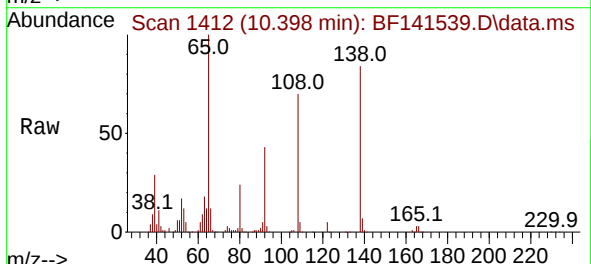
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

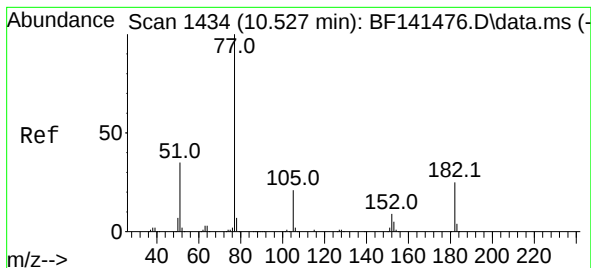
Tgt Ion:204 Resp: 260697
Ion Ratio Lower Upper
204 100
206 31.9 26.6 40.0
141 62.2 51.9 77.9



#62
4-Nitroaniline
Concen: 38.494 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion:138 Resp: 115753
Ion Ratio Lower Upper
138 100
92 51.1 31.3 71.3
108 83.0 63.7 103.7





#63

Azobenzene

Concen: 43.771 ng

RT: 10.528 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 77 Resp: 538851

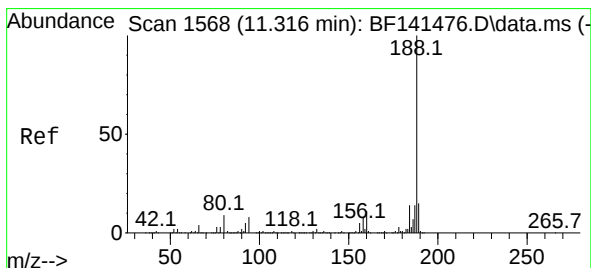
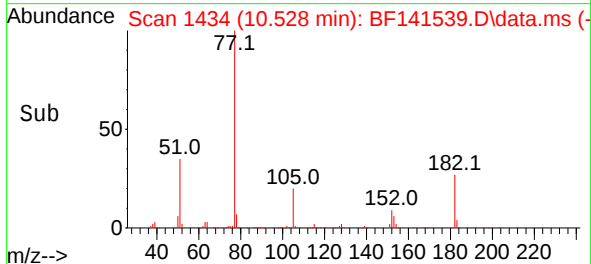
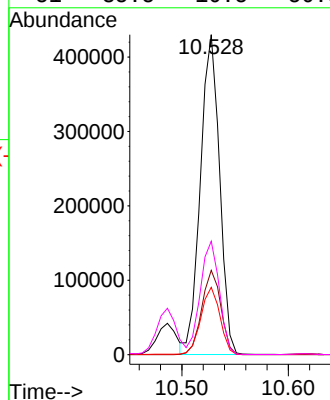
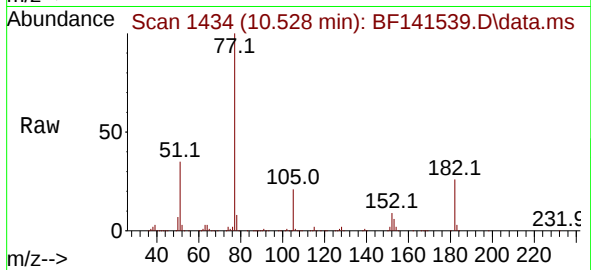
Ion Ratio Lower Upper

77 100

182 26.4 4.7 44.7

105 21.1 0.4 40.4

51 35.5 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

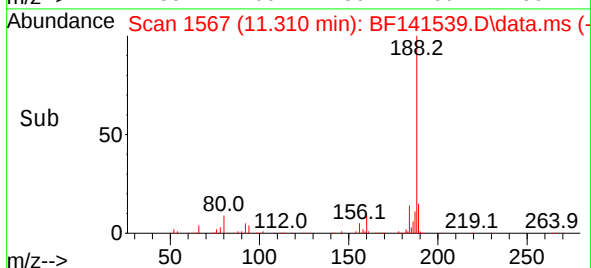
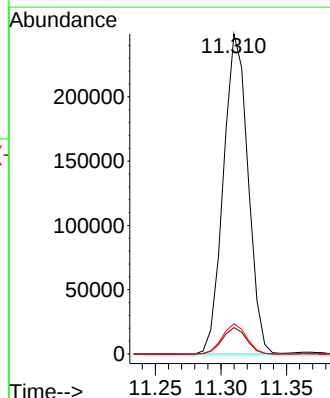
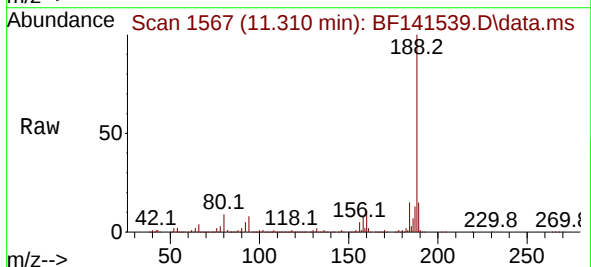
Tgt Ion:188 Resp: 324393

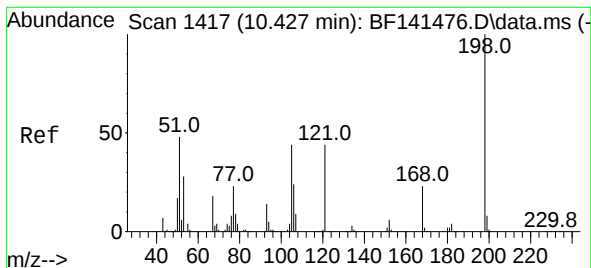
Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.4 7.3 10.9

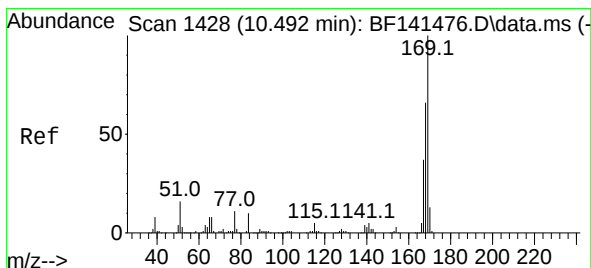
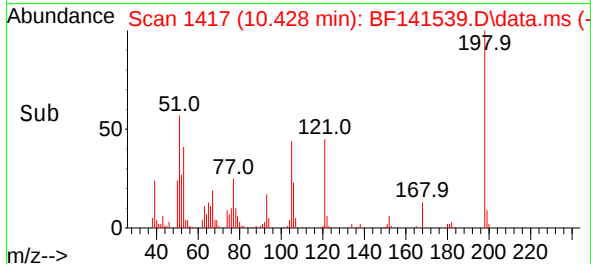
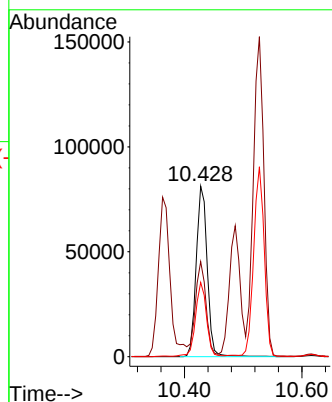
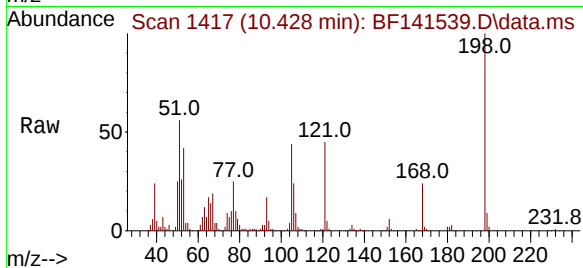




#65
4,6-Dinitro-2-methylphenol
Concen: 46.942 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

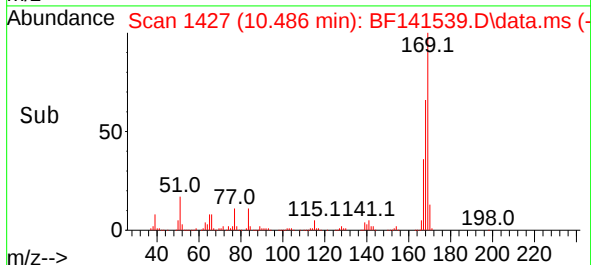
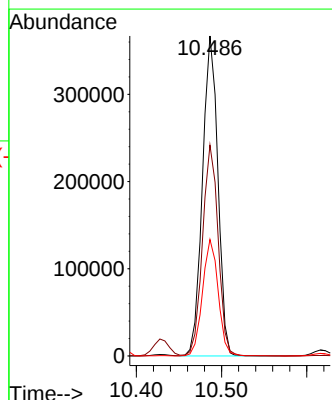
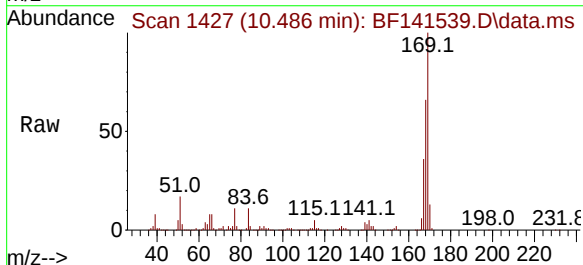
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

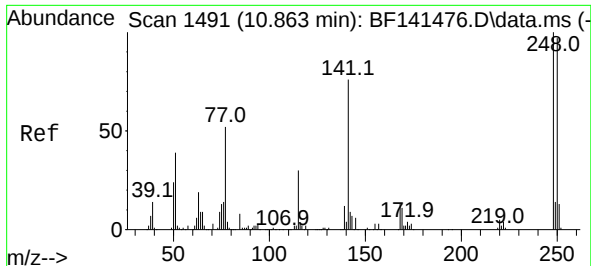
Tgt Ion:198 Resp: 105780
Ion Ratio Lower Upper
198 100
51 55.7 37.4 77.4
105 43.6 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 44.453 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion:169 Resp: 461602
Ion Ratio Lower Upper
169 100
168 65.9 53.3 79.9
167 36.4 29.4 44.2

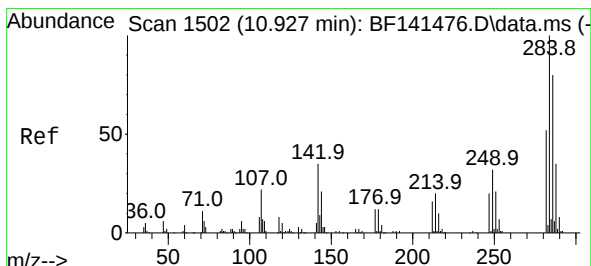
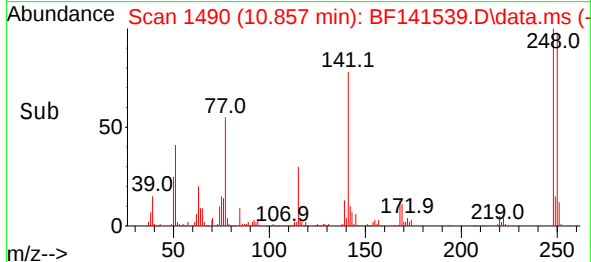
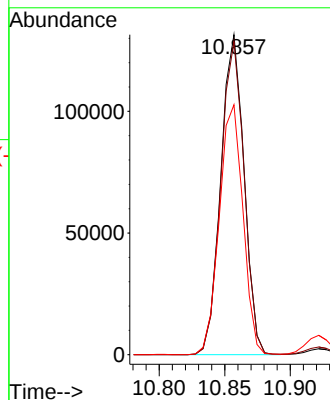
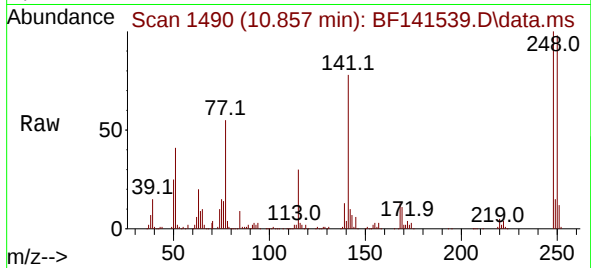




#67
4-Bromophenyl-phenylether
Concen: 44.702 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

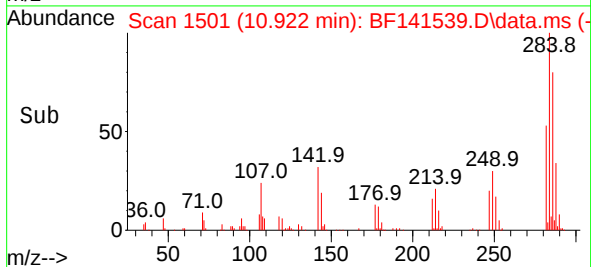
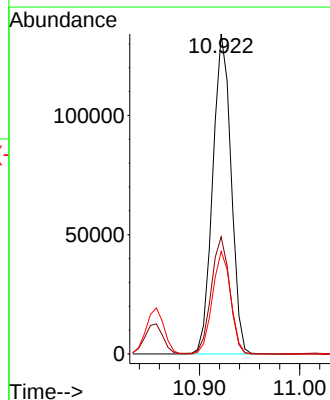
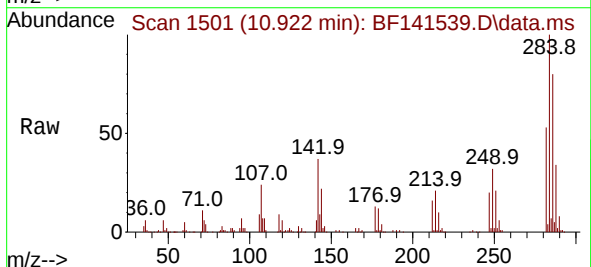
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

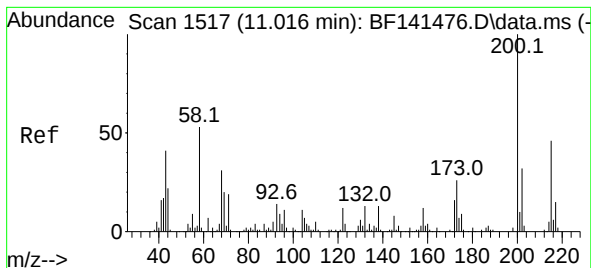
Tgt Ion:248 Resp: 162068
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 78.1 60.6 90.8



#68
Hexachlorobenzene
Concen: 45.584 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion:284 Resp: 170180
Ion Ratio Lower Upper
284 100
142 36.6 28.0 42.0
249 32.0 25.8 38.8





#69

Atrazine

Concen: 51.717 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

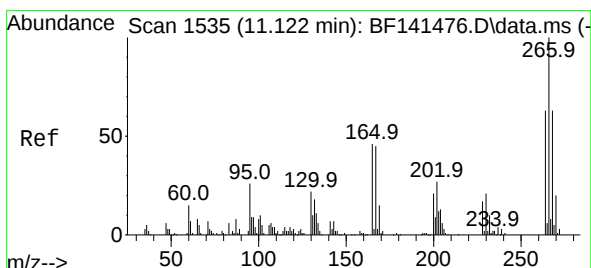
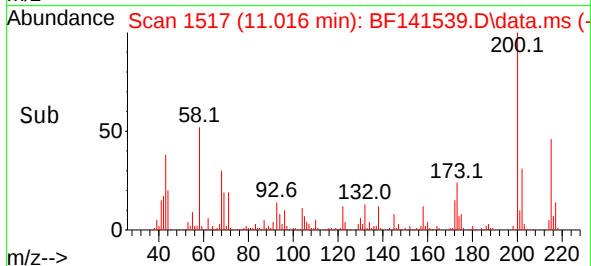
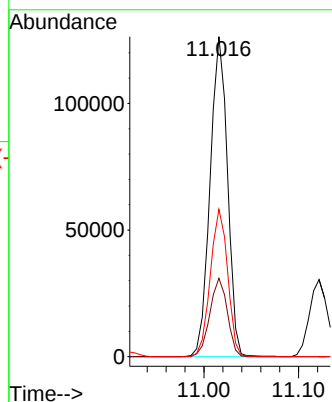
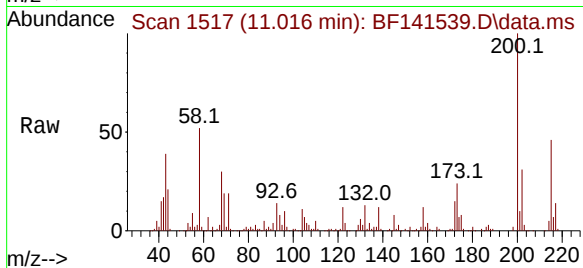
Tgt Ion:200 Resp: 161110

Ion Ratio Lower Upper

200 100

173 24.5 5.9 45.9

215 46.0 25.9 65.9



#70

Pentachlorophenol

Concen: 90.604 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

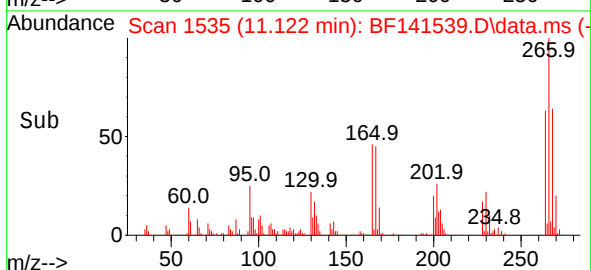
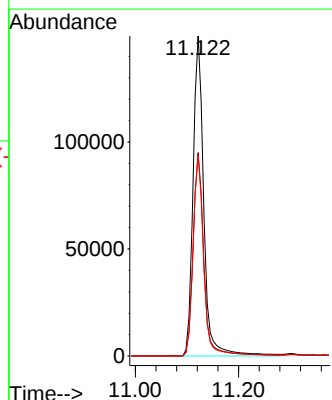
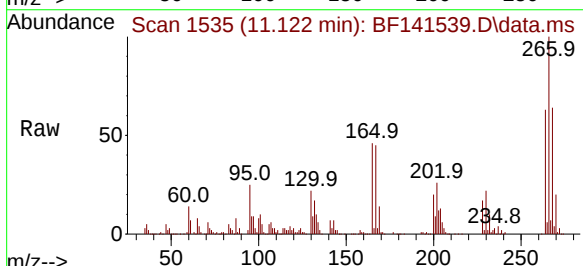
Tgt Ion:266 Resp: 216284

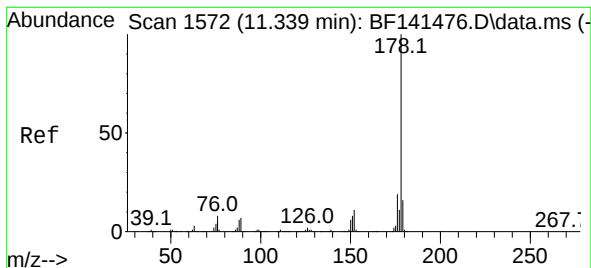
Ion Ratio Lower Upper

266 100

268 63.5 50.1 75.1

264 62.8 50.1 75.1





#71

Phenanthrene

Concen: 44.875 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

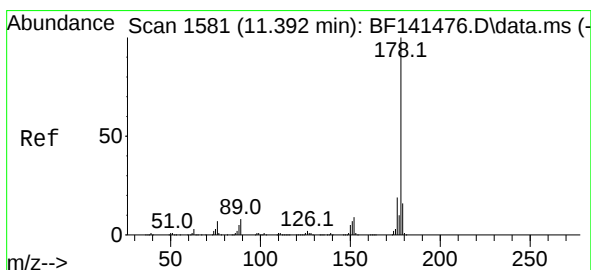
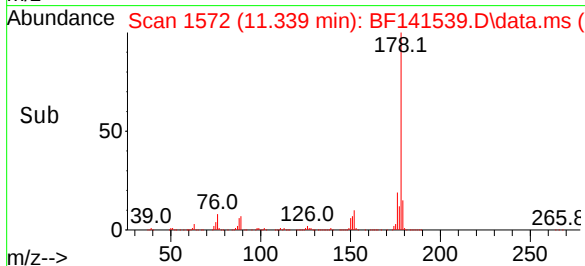
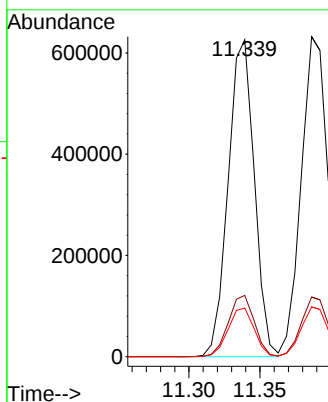
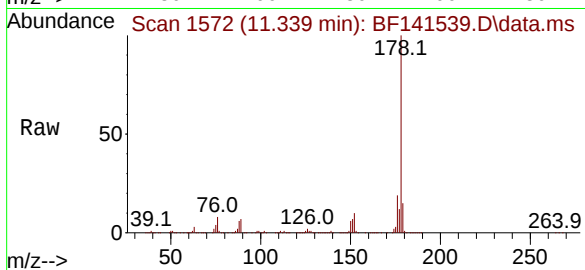
Tgt Ion:178 Resp: 801305

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.4 12.4 18.6



#72

Anthracene

Concen: 45.802 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

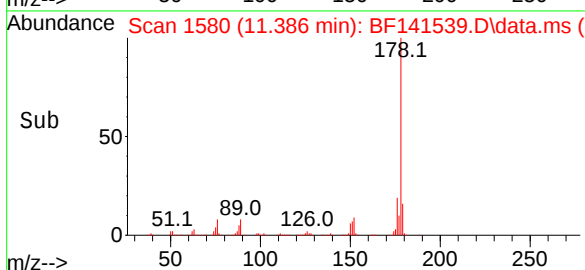
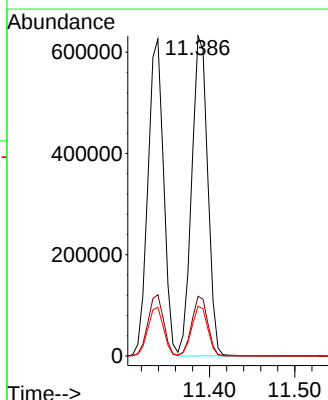
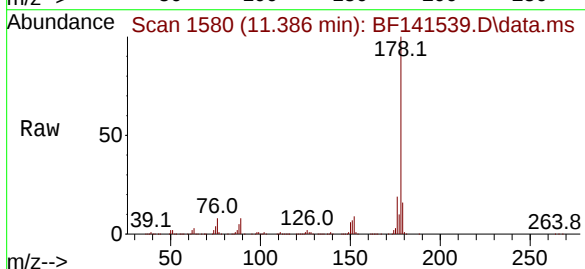
Tgt Ion:178 Resp: 822148

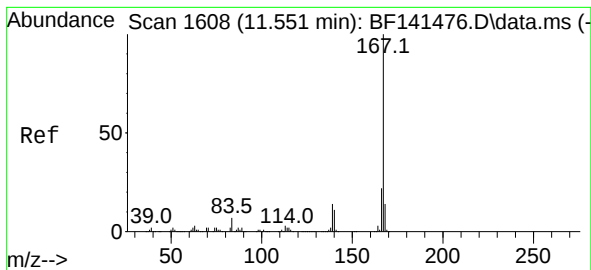
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.6 12.4 18.6





#73

Carbazole

Concen: 44.028 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

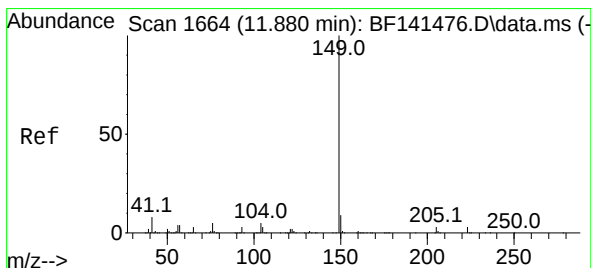
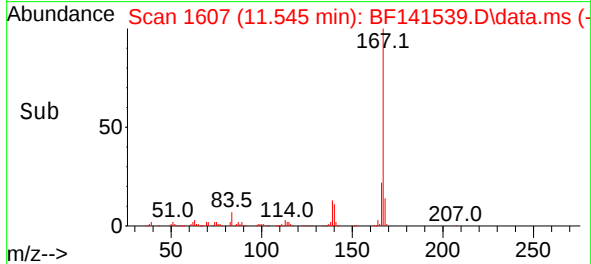
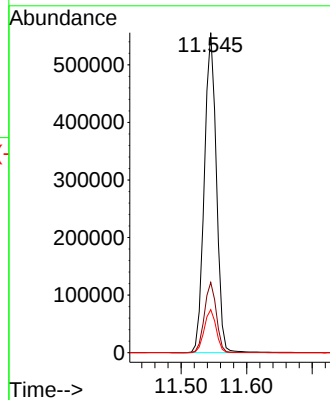
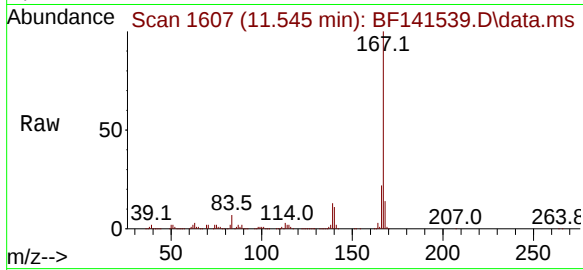
Tgt Ion:167 Resp: 711102

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.5 10.9 16.3



#74

Di-n-butylphthalate

Concen: 46.950 ng

RT: 11.875 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

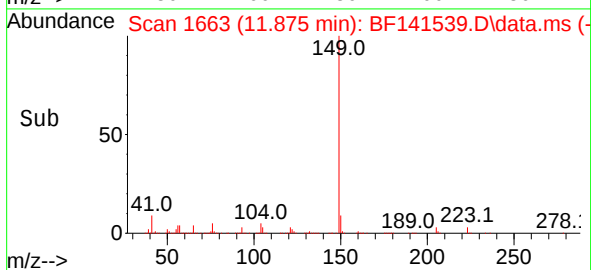
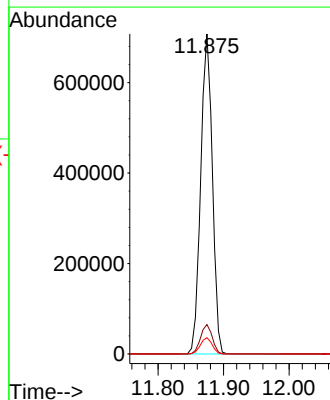
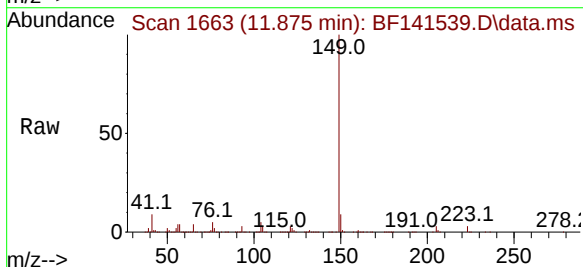
Tgt Ion:149 Resp: 875581

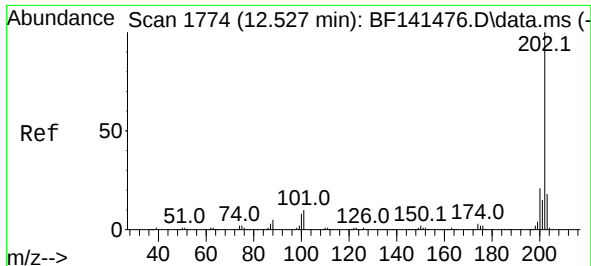
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.2 6.2

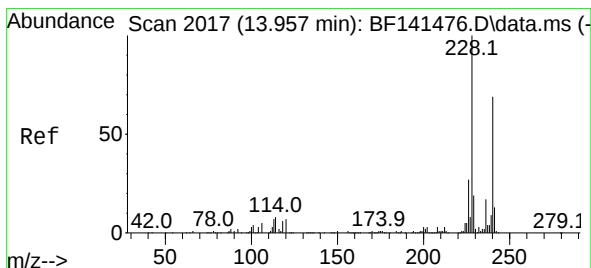
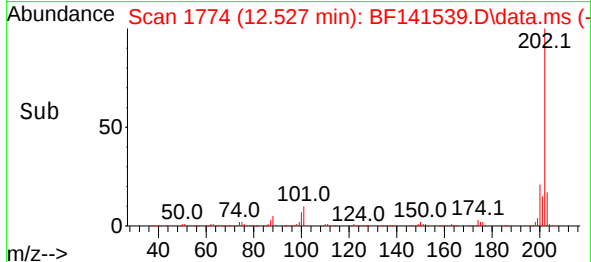
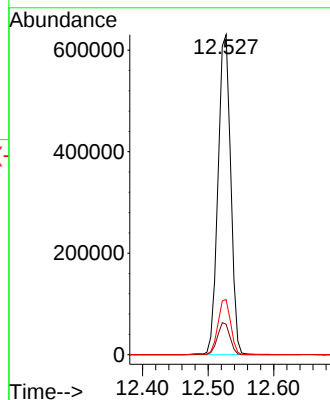
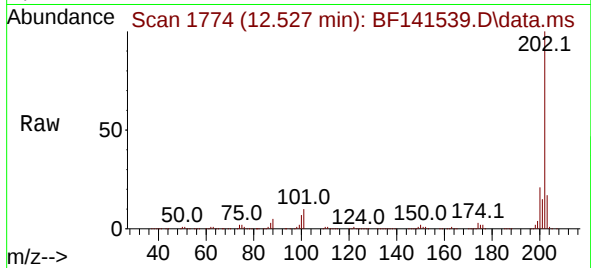




#75
Fluoranthene
Concen: 44.579 ng
RT: 12.527 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

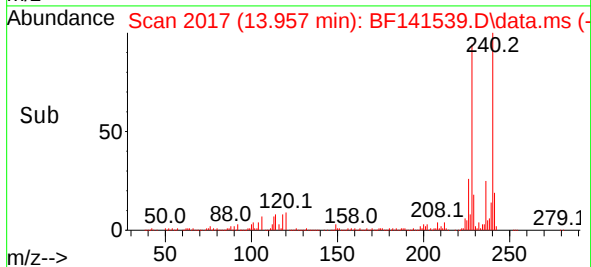
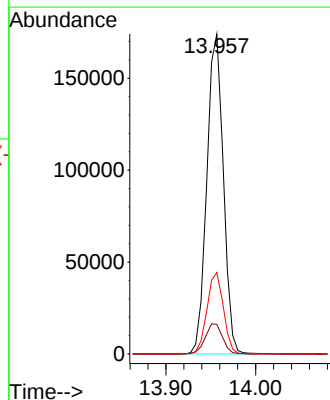
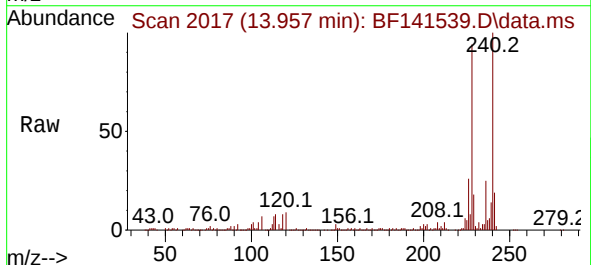
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

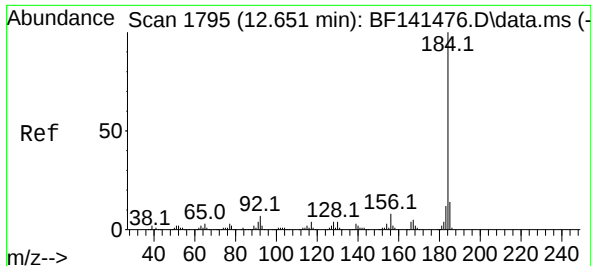
Tgt Ion:202 Resp: 843933
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.2
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion:240 Resp: 222407
Ion Ratio Lower Upper
240 100
120 9.3 8.0 12.0
236 25.5 19.8 29.8

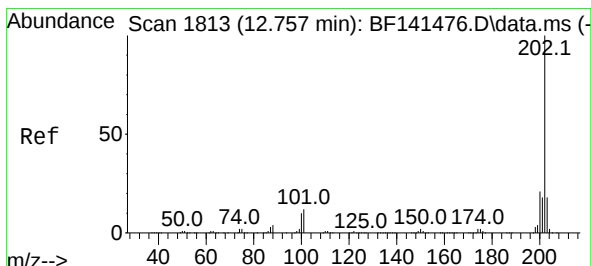
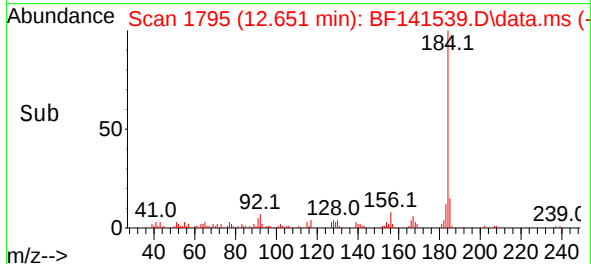
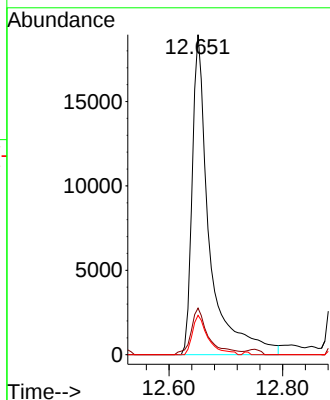
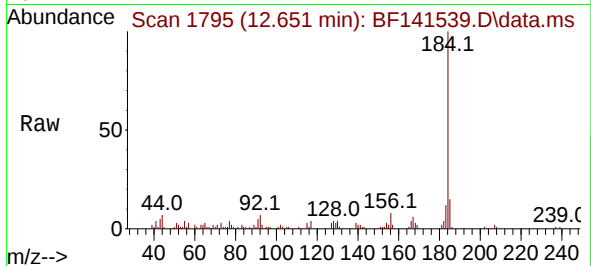




#77
Benzidine
Concen: 8.175 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

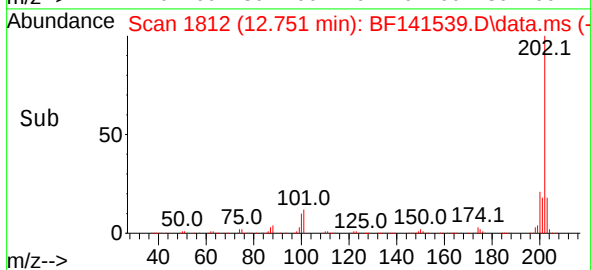
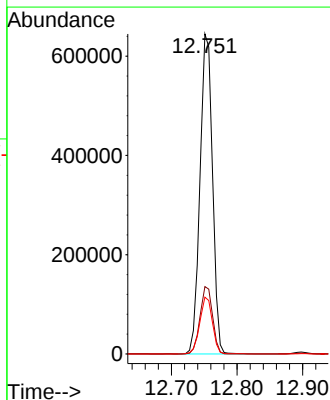
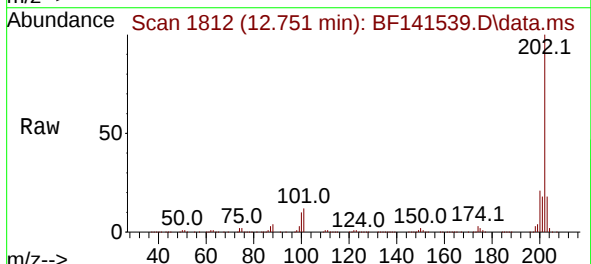
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

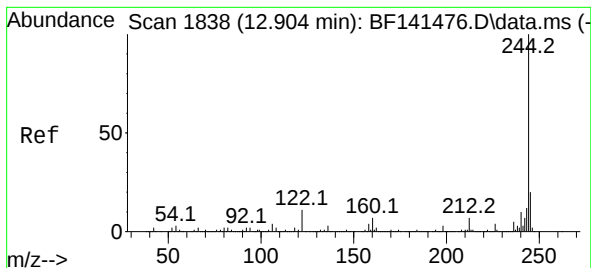
Tgt Ion:184 Resp: 40099
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 12.3 9.3 13.9



#78
Pyrene
Concen: 45.268 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion:202 Resp: 857054
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 101.916 ng

RT: 12.898 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

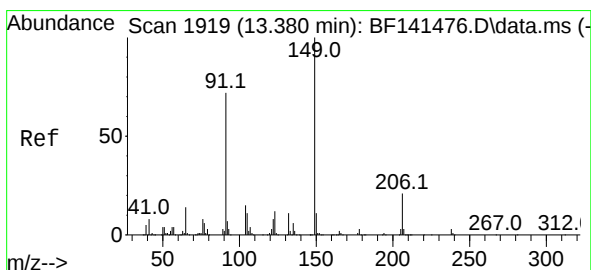
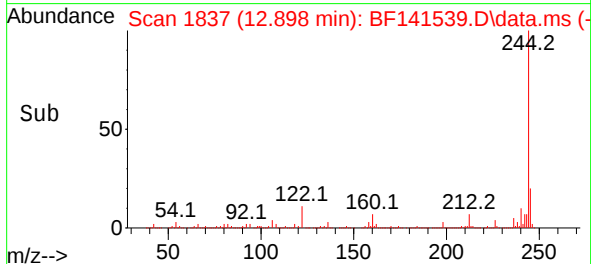
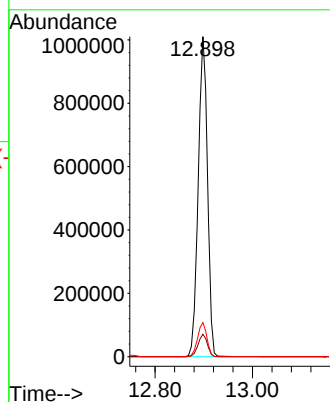
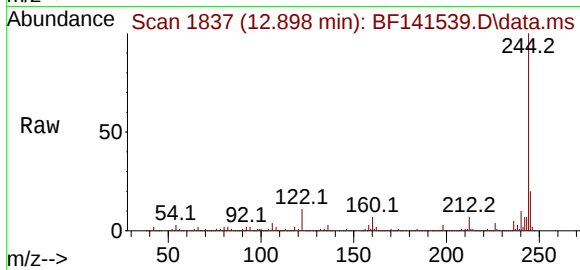
Tgt Ion:244 Resp: 1342686

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.7 8.4 12.6



#80

Butylbenzylphthalate

Concen: 51.563 ng

RT: 13.374 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

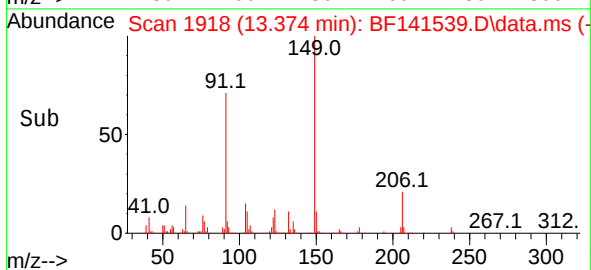
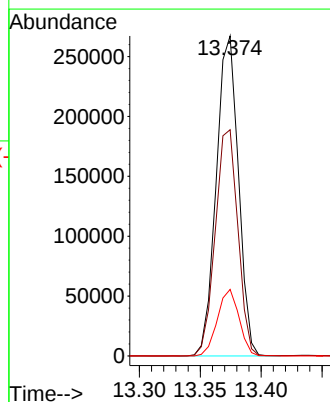
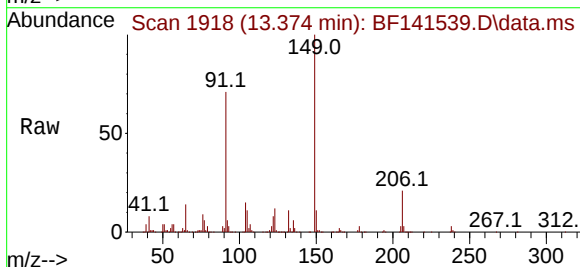
Tgt Ion:149 Resp: 338137

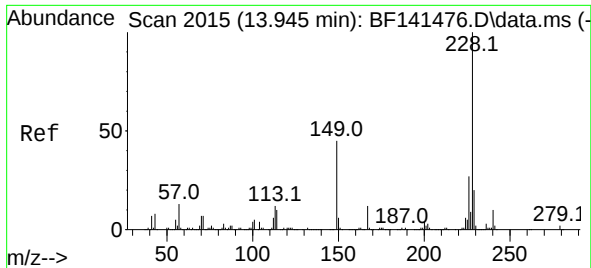
Ion Ratio Lower Upper

149 100

91 70.7 57.8 86.8

206 20.8 16.7 25.1

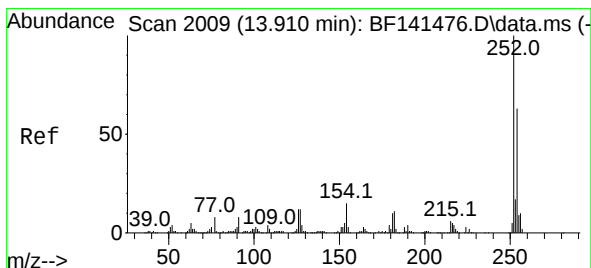
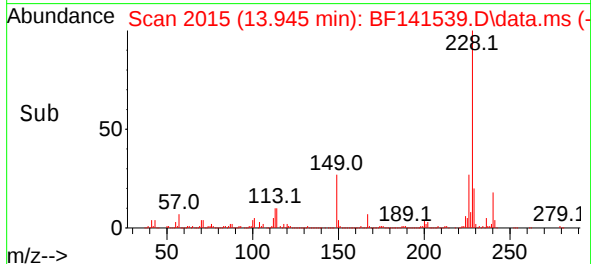
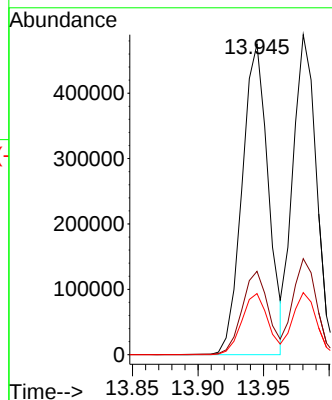
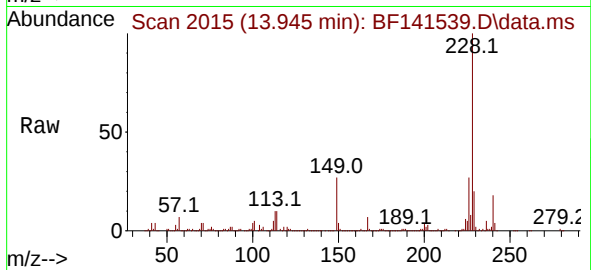




#81
Benzo(a)anthracene
Concen: 44.748 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

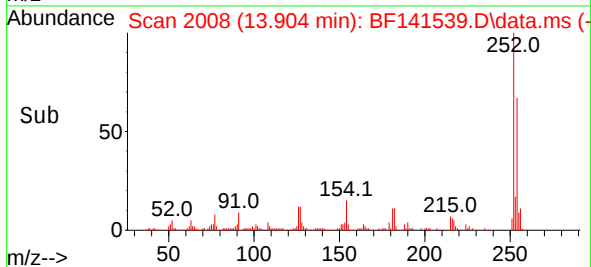
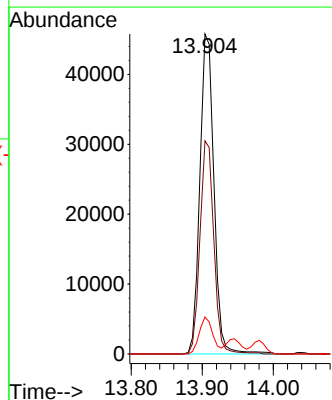
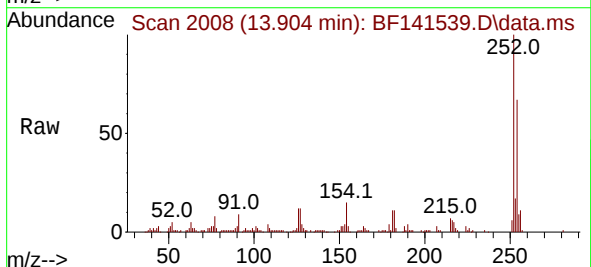
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

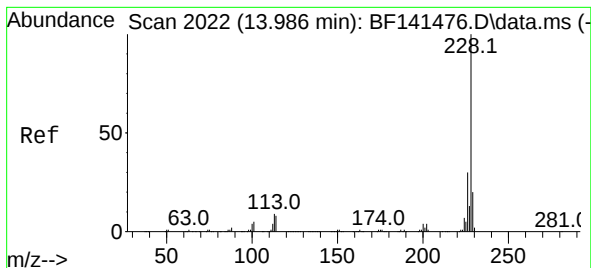
Tgt Ion:228 Resp: 661565
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 14.950 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion:252 Resp: 63314
Ion Ratio Lower Upper
252 100
254 66.6 50.6 76.0
126 11.6 9.3 13.9





#83

Chrysene

Concen: 44.480 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

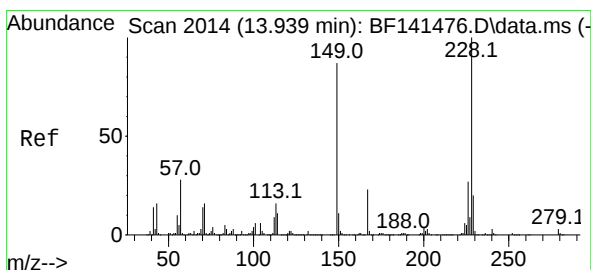
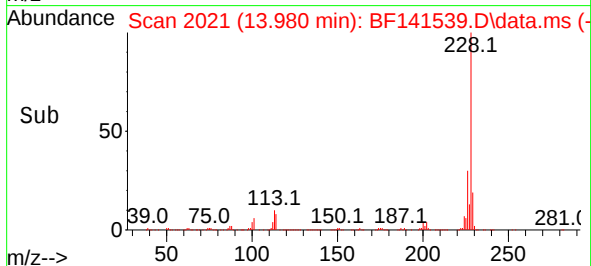
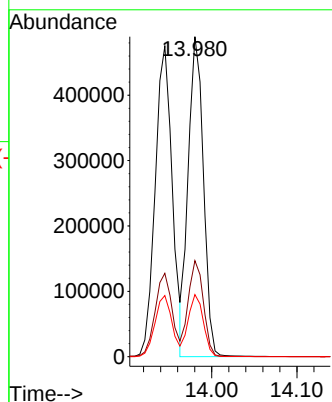
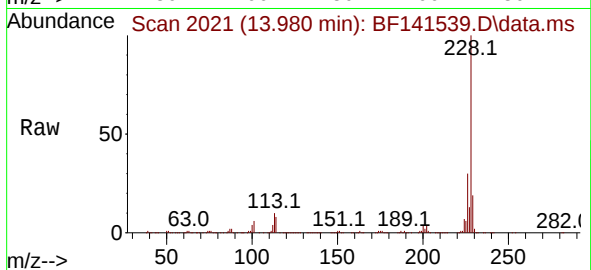
Tgt Ion:228 Resp: 607194

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.974 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

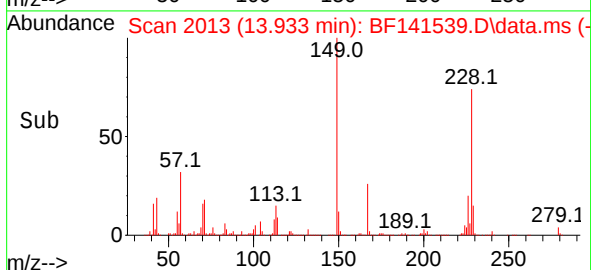
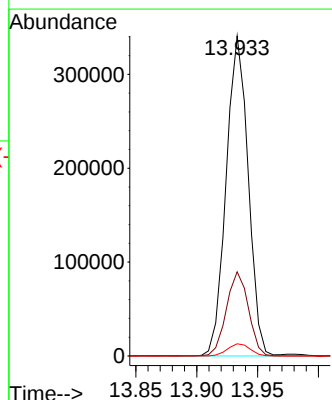
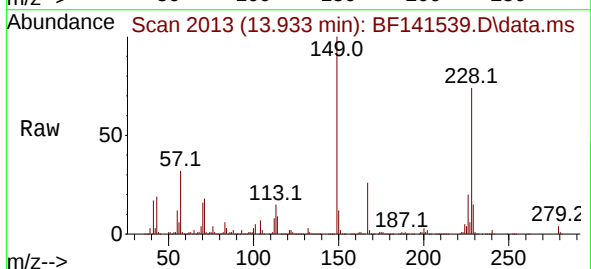
Tgt Ion:149 Resp: 428787

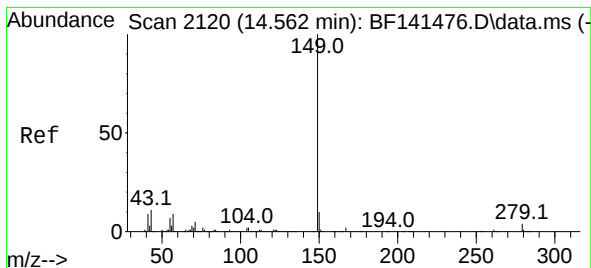
Ion Ratio Lower Upper

149 100

167 26.3 21.4 32.0

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 56.414 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

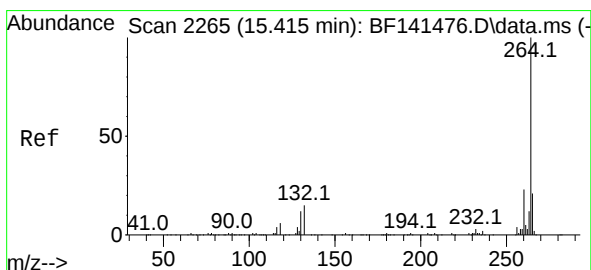
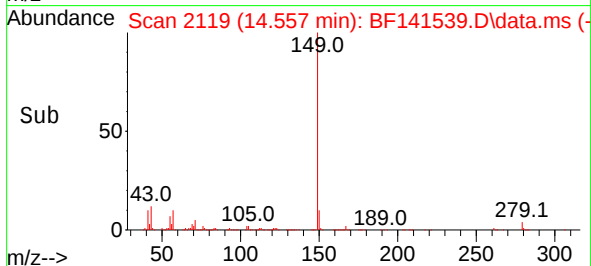
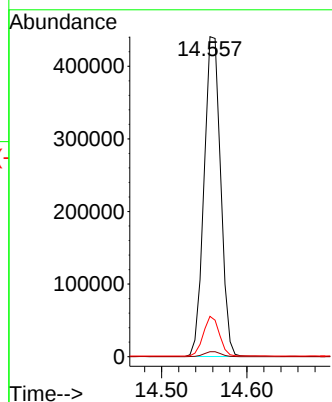
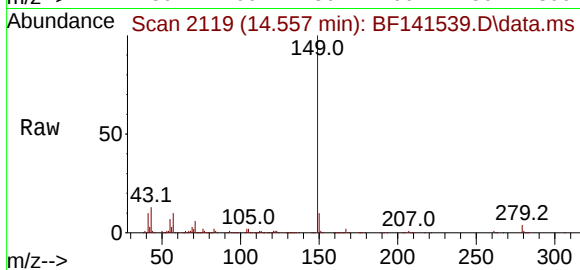
Tgt Ion:149 Resp: 595243

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.0 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

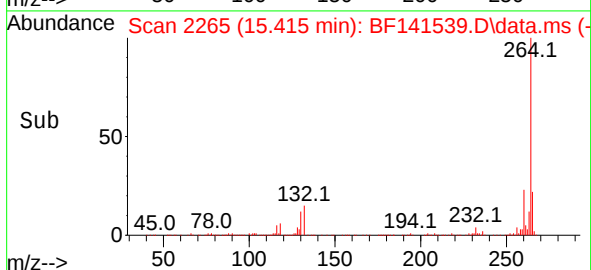
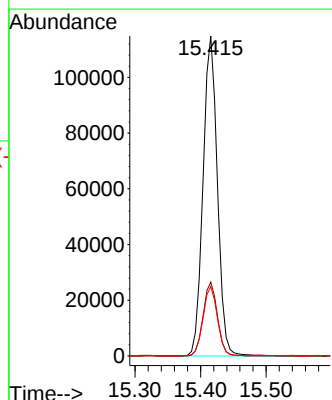
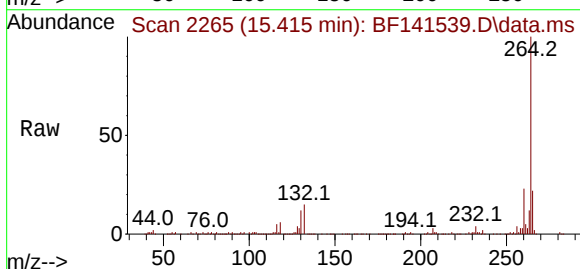
Tgt Ion:264 Resp: 175201

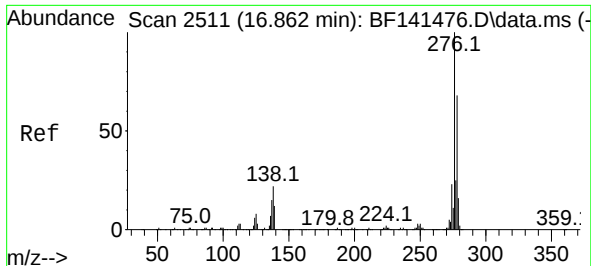
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.7 17.0 25.4

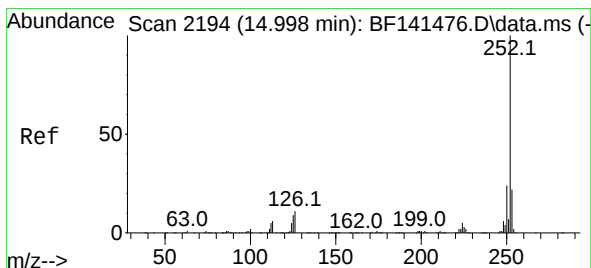
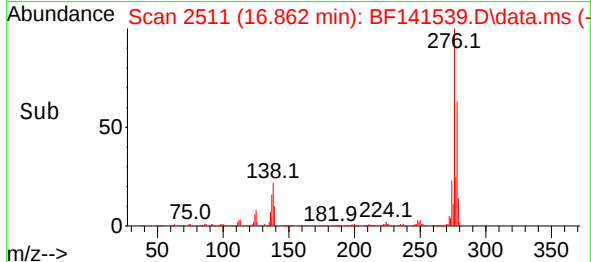
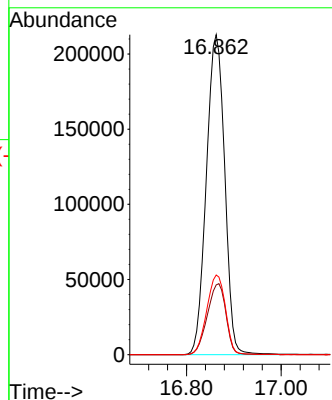
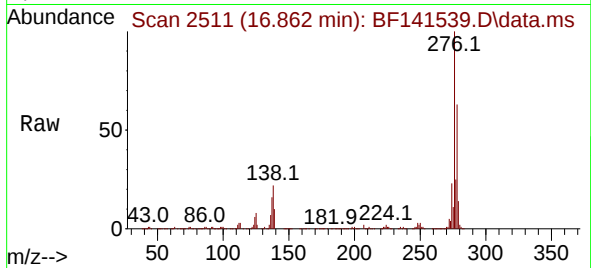




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.879 ng
 RT: 16.862 min Scan# 2511
 Delta R.T. -0.012 min
 Lab File: BF141539.D
 Acq: 10 Feb 2025 17:16

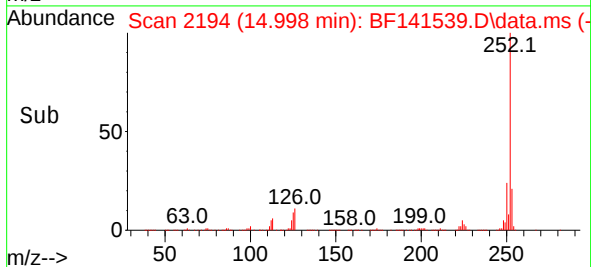
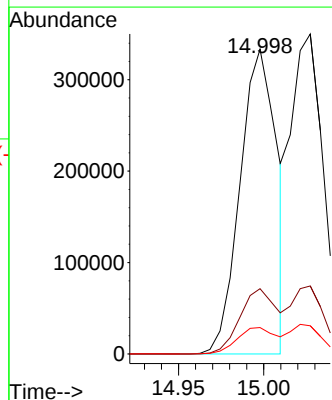
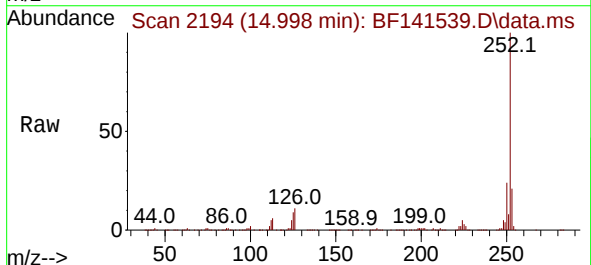
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

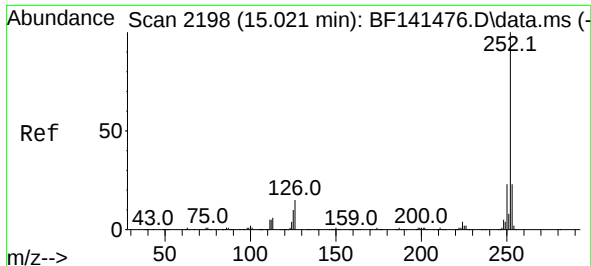
Tgt Ion:276 Resp: 572440
 Ion Ratio Lower Upper
 276 100
 138 22.6 18.0 27.0
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 42.363 ng
 RT: 14.998 min Scan# 2194
 Delta R.T. -0.006 min
 Lab File: BF141539.D
 Acq: 10 Feb 2025 17:16

Tgt Ion:252 Resp: 498355
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.5 26.3
 125 8.7 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 46.408 ng

RT: 15.027 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

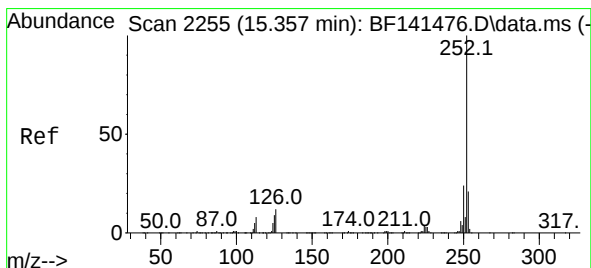
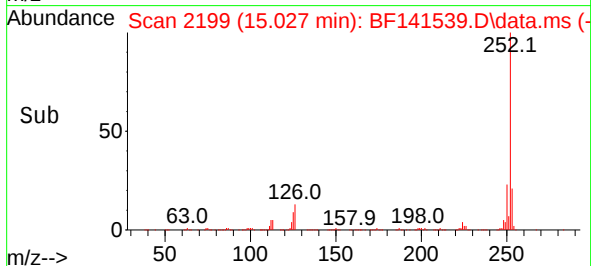
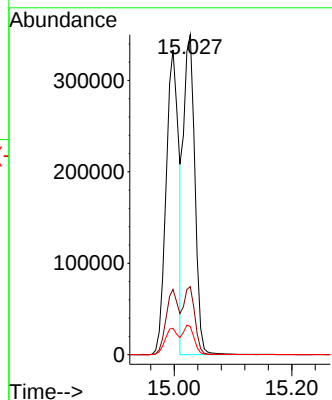
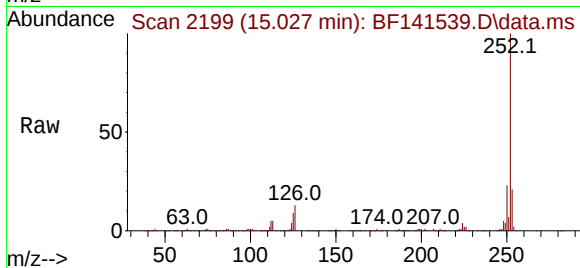
Tgt Ion:252 Resp: 466178

Ion Ratio Lower Upper

252 100

253 21.2 18.0 27.0

125 8.8 7.4 11.0



#90

Benzo(a)pyrene

Concen: 46.828 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141539.D

Acq: 10 Feb 2025 17:16

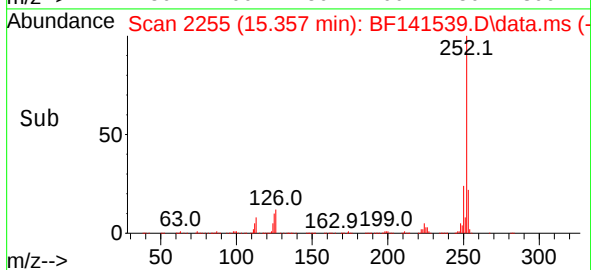
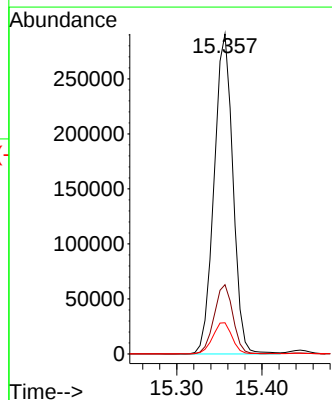
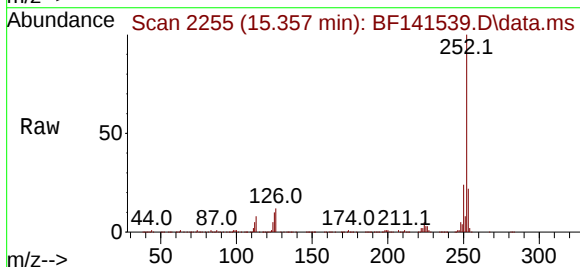
Tgt Ion:252 Resp: 445753

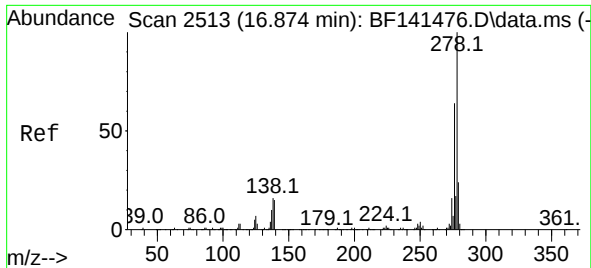
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 9.7 7.4 11.2

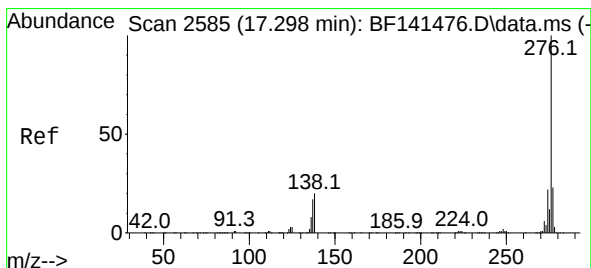
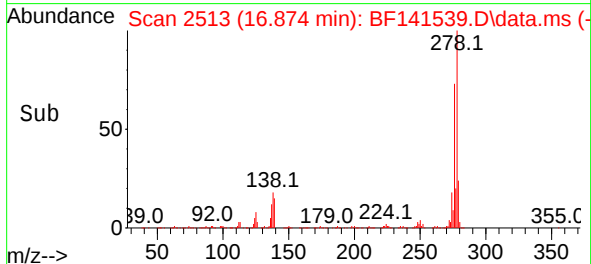
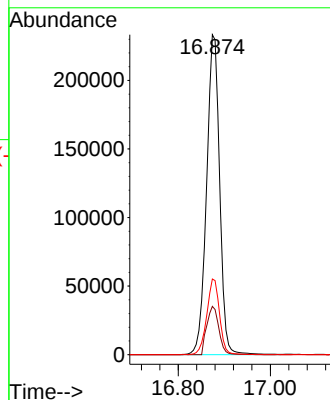
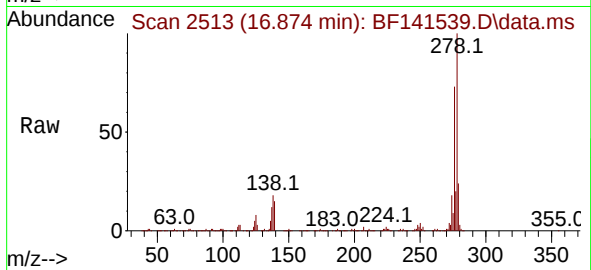




#91
Dibenzo(a,h)anthracene
Concen: 52.681 ng
RT: 16.874 min Scan# 2513
Delta R.T. -0.017 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:278 Resp: 462104
Ion Ratio Lower Upper
278 100
139 15.1 11.8 17.6
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 49.187 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.017 min
Lab File: BF141539.D
Acq: 10 Feb 2025 17:16

Tgt Ion:276 Resp: 451498
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 19.3 15.9 23.9

