

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
 Data File : BF143250.D
 Acq On : 25 Jul 2025 14:48
 Operator : RC/JU
 Sample : Q2517-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

Quant Time: Jul 25 15:09:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	84230	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	298842	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	129261	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	182575	20.000	ng	0.00
76) Chrysene-d12	14.133	240	175423	20.000	ng	0.01
86) Perylene-d12	15.639	264	204339	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	468832	88.081	ng	0.01
7) Phenol-d6	6.587	99	589664	88.015	ng	0.00
23) Nitrobenzene-d5	7.516	82	379437	63.290	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	118726	88.911	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	634037	67.083	ng	0.00
79) Terphenyl-d14	13.069	244	483935	41.052	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.869	88	94627	37.572	ng 98
3) Pyridine	3.628	79	254527	38.936	ng 98
4) n-Nitrosodimethylamine	3.569	42	142754	42.296	ng 97
6) Aniline	6.622	93	171257	18.341	ng 99
8) 2-Chlorophenol	6.751	128	224721	40.278	ng 96
9) Benzaldehyde	6.510	77	151970	30.250	ng 96
10) Phenol	6.604	94	288607	39.543	ng 97
11) bis(2-Chloroethyl)ether	6.692	93	220730	39.499	ng 98
12) 1,3-Dichlorobenzene	6.904	146	252587	41.675	ng 99
13) 1,4-Dichlorobenzene	6.981	146	255469	41.855	ng 100
14) 1,2-Dichlorobenzene	7.134	146	242579	41.786	ng 100
15) Benzyl Alcohol	7.098	79	202435	39.573	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	397891	38.383	ng 99
17) 2-Methylphenol	7.210	107	182574	38.919	ng 99
18) Hexachloroethane	7.481	117	90191	42.684	ng 99
19) n-Nitroso-di-n-propyla...	7.369	70	161331	37.534	ng 99
20) 3+4-Methylphenols	7.357	107	222031	39.010	ng # 82
22) Acetophenone	7.363	105	305389	43.164	ng 95
24) Nitrobenzene	7.539	77	248696	44.494	ng 99
25) Isophorone	7.775	82	427964	40.437	ng 99
26) 2-Nitrophenol	7.857	139	116340	47.960	ng 100
27) 2,4-Dimethylphenol	7.892	122	197799	40.002	ng 100
28) bis(2-Chloroethoxy)met...	7.981	93	252800	39.839	ng 99
29) 2,4-Dichlorophenol	8.098	162	169745	40.706	ng 99
30) 1,2,4-Trichlorobenzene	8.186	180	193872	43.034	ng 99
31) Naphthalene	8.263	128	632353	42.966	ng 100
32) Benzoic acid	7.987	122	111374	40.850	ng 97
33) 4-Chloroaniline	8.304	127	54861	9.129	ng 99
34) Hexachlorobutadiene	8.386	225	120090	43.637	ng 98
35) Caprolactam	8.663	113	50522	40.094	ng 99
36) 4-Chloro-3-methylphenol	8.786	107	174283	38.453	ng 98
37) 2-Methylnaphthalene	8.957	142	368833	41.183	ng 100
38) 1-Methylnaphthalene	9.057	142	377899	40.977	ng 100
40) 1,2,4,5-Tetrachloroben...	9.122	216	181896	48.741	ng 98
41) Hexachlorocyclopentadiene	9.116	237	224865	92.604	ng 99
43) 2,4,6-Trichlorophenol	9.233	196	116240	45.005	ng 99

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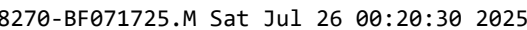
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	115888	44.856	ng	97
46) 1,1'-Biphenyl	9.416	154	479003	47.497	ng	99
47) 2-Chloronaphthalene	9.445	162	350320	46.947	ng	98
48) 2-Nitroaniline	9.533	65	107427	45.907	ng	98
49) Acenaphthylene	9.863	152	559107	44.709	ng	100
50) Dimethylphthalate	9.710	163	370651	43.991	ng	100
51) 2,6-Dinitrotoluene	9.775	165	78371	45.724	ng	96
52) Acenaphthene	10.033	154	363621	49.196	ng	99
53) 3-Nitroaniline	9.939	138	41998	20.949	ng	98
54) 2,4-Dinitrophenol	10.045	184	76922	97.436	ng	# 9
55) Dibenzofuran	10.204	168	472415	43.050	ng	100
56) 4-Nitrophenol	10.098	139	118883	79.410	ng	98
57) 2,4-Dinitrotoluene	10.175	165	99068	46.069	ng	97
58) Fluorene	10.551	166	353182	42.883	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	86366	40.355	ng	99
60) Diethylphthalate	10.416	149	342657	41.146	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	169921	41.434	ng	99
62) 4-Nitroaniline	10.551	138	69530	40.466	ng	98
63) Azobenzene	10.698	77	384210	44.266	ng	93
65) 4,6-Dinitro-2-methylph...	10.586	198	48341	50.224	ng	98
66) n-Nitrosodiphenylamine	10.651	169	292863	45.553	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	95600	43.938	ng	99
68) Hexachlorobenzene	11.104	284	100368	44.134	ng	97
69) Atrazine	11.175	200	80961	45.678	ng	99
70) Pentachlorophenol	11.292	266	111427	83.316	ng	99
71) Phenanthrene	11.510	178	512879	52.906	ng	100
72) Anthracene	11.563	178	455822	46.103	ng	99
73) Carbazole	11.710	167	407516	47.203	ng	99
74) Di-n-butylphthalate	12.045	149	436178	44.651	ng	100
75) Fluoranthene	12.704	202	576537	64.794	ng	99
77) Benzidine	12.816	184	169785	25.121	ng	98
78) Pyrene	12.933	202	585240	39.091	ng	100
80) Butylbenzylphthalate	13.545	149	197706	43.125	ng	96
81) Benzo(a)anthracene	14.121	228	585348	49.840	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	76470	19.536	ng	99
83) Chrysene	14.157	228	509845	48.283	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	271125	39.073	ng	99
85) Di-n-octyl phthalate	14.721	149	520348	41.370	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	518254	35.968	ng	97
88) Benzo(b)fluoranthene	15.192	252	664037	53.194	ng	100
89) Benzo(k)fluoranthene	15.221	252	485368	43.572	ng	99
90) Benzo(a)pyrene	15.574	252	559371	48.635	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	413192	35.232	ng	98
92) Benzo(g,h,i)perylene	17.645	276	395053	34.823	ng	98

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

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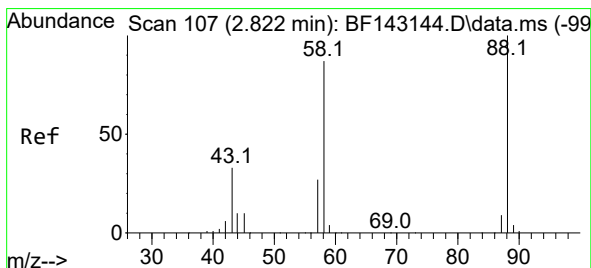
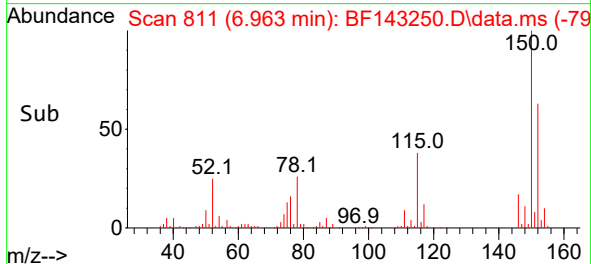
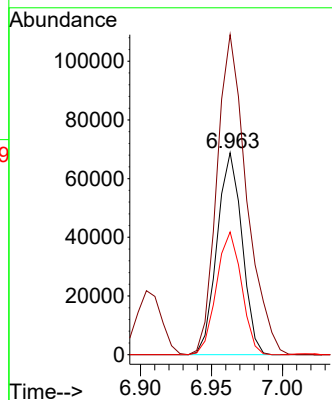
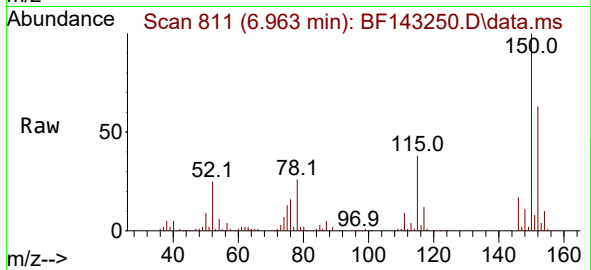




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143250.D
 Acq: 25 Jul 2025 14:48

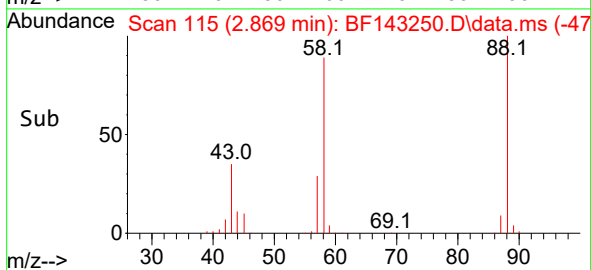
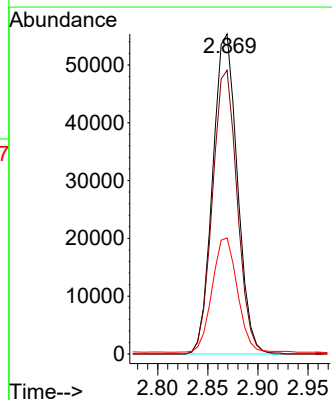
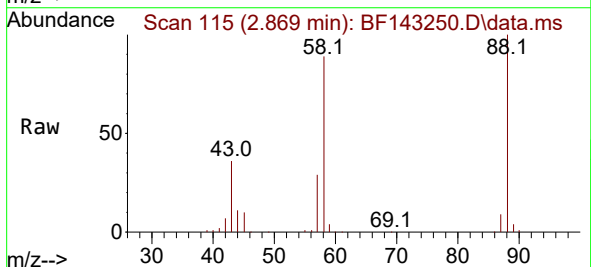
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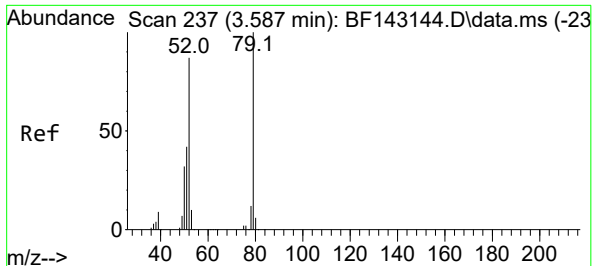
Tgt Ion:152 Resp: 84230
 Ion Ratio Lower Upper
 152 100
 150 158.4 128.2 192.4
 115 60.7 47.9 71.9



#2
 1,4-Dioxane
 Concen: 37.572 ng
 RT: 2.869 min Scan# 115
 Delta R.T. 0.047 min
 Lab File: BF143250.D
 Acq: 25 Jul 2025 14:48

Tgt Ion: 88 Resp: 94627
 Ion Ratio Lower Upper
 88 100
 58 88.9 70.2 105.2
 43 37.0 27.1 40.7





#3

Pyridine

Concen: 38.936 ng

RT: 3.628 min Scan# 24

Delta R.T. 0.041 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

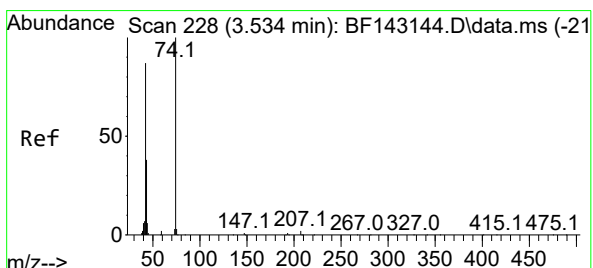
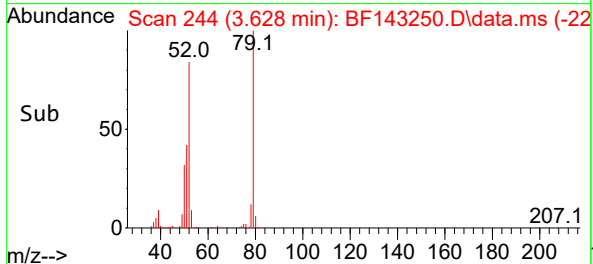
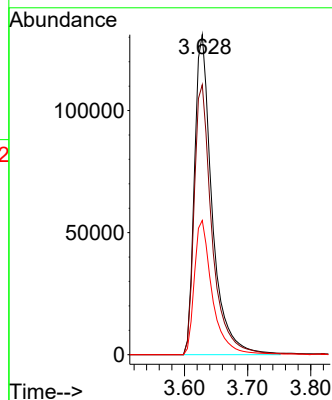
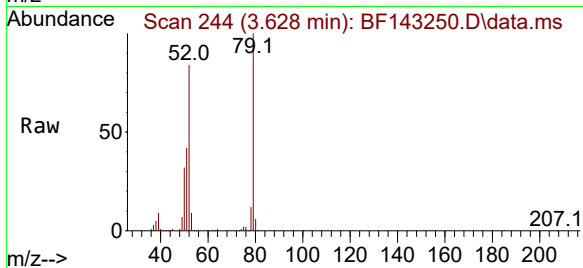
Tgt Ion: 79 Resp: 254527

Ion Ratio Lower Upper

79 100

52 84.3 69.4 104.2

51 42.0 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 42.296 ng

RT: 3.569 min Scan# 234

Delta R.T. 0.035 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

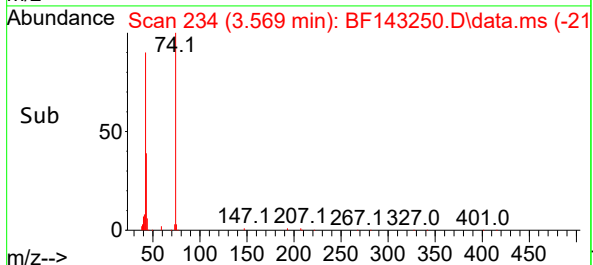
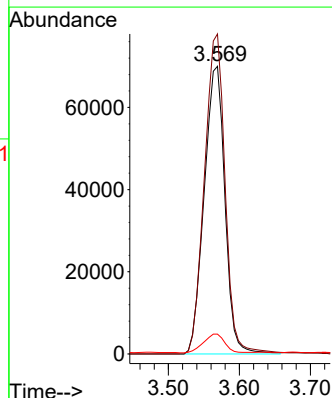
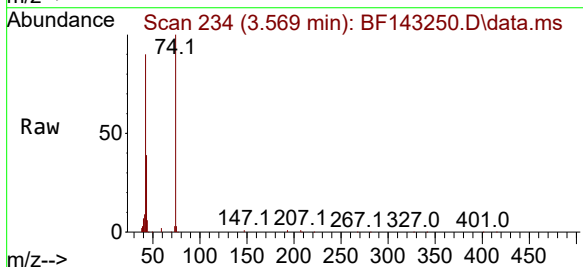
Tgt Ion: 42 Resp: 142754

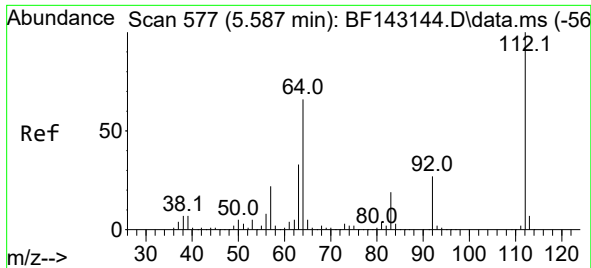
Ion Ratio Lower Upper

42 100

74 111.2 91.7 137.5

44 6.9 5.6 8.4

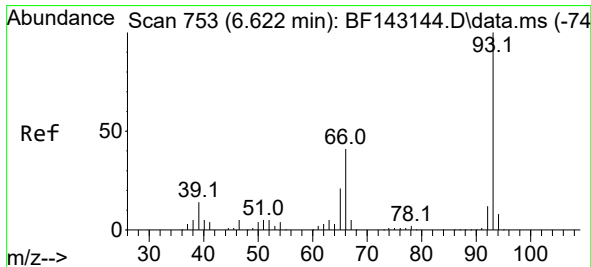
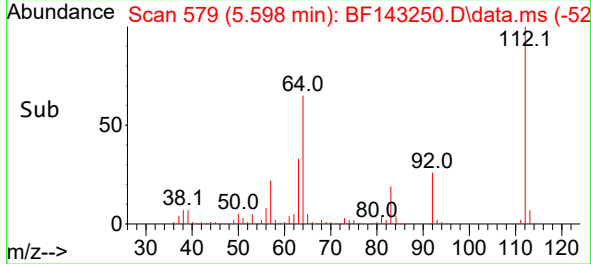
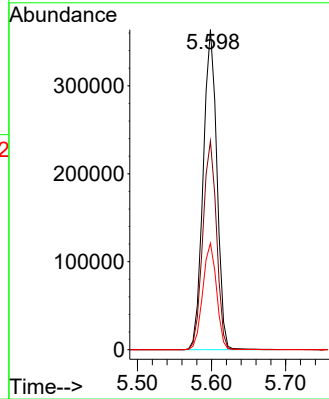
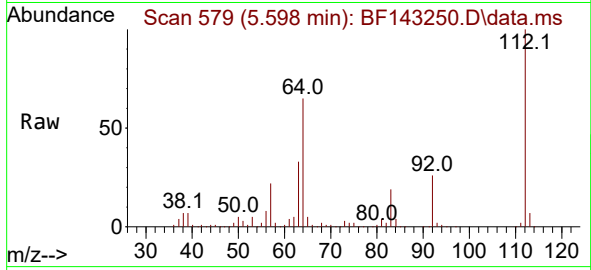




#5
2-Fluorophenol
Concen: 88.081 ng
RT: 5.598 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

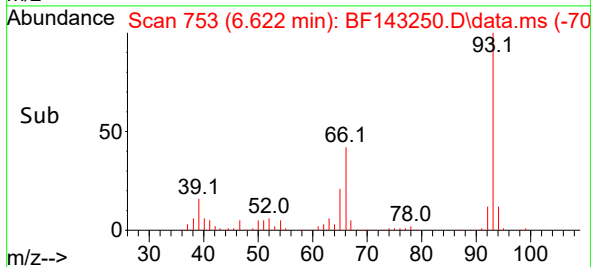
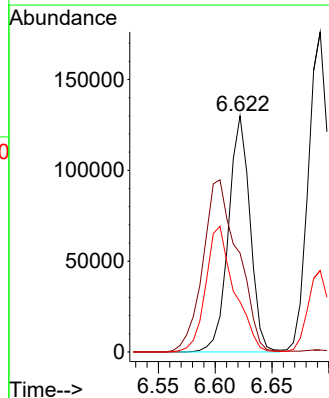
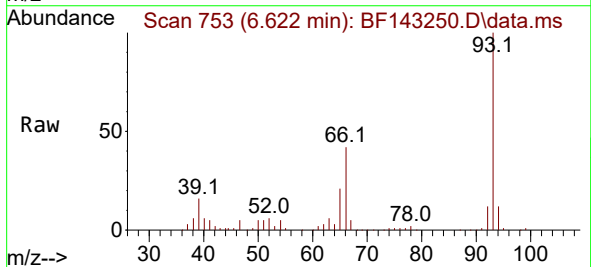
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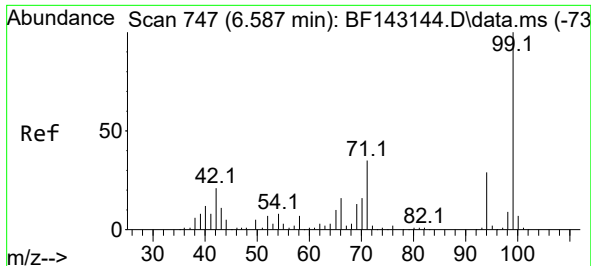
Tgt Ion:112 Resp: 468832
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 33.3 26.6 40.0



#6
Aniline
Concen: 18.341 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion: 93 Resp: 171257
Ion Ratio Lower Upper
93 100
66 41.9 33.2 49.8
65 21.2 16.9 25.3

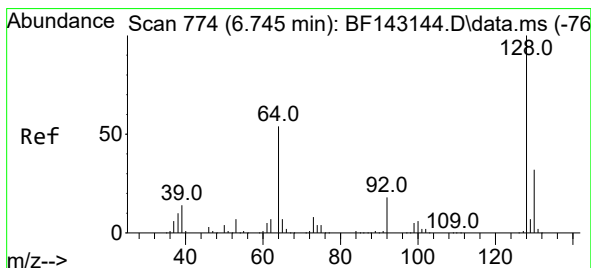
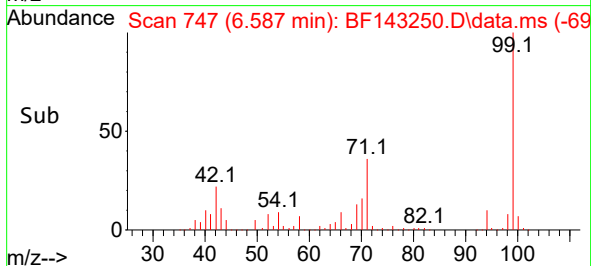
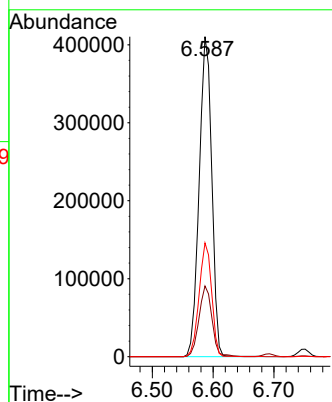
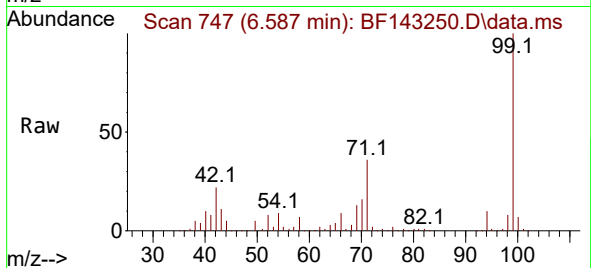




#7
Phenol-d6
Concen: 88.015 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

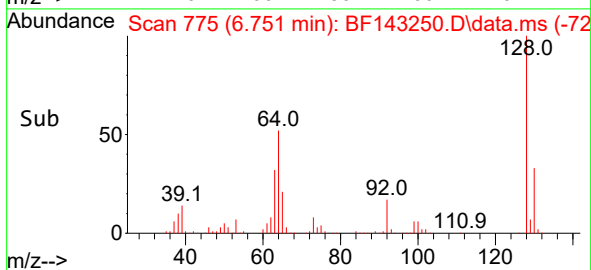
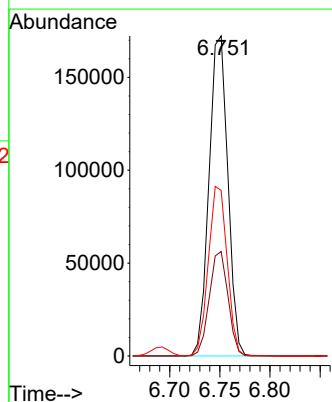
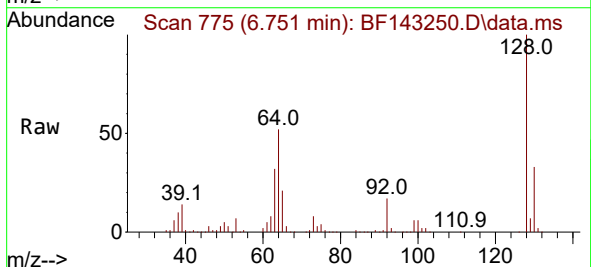
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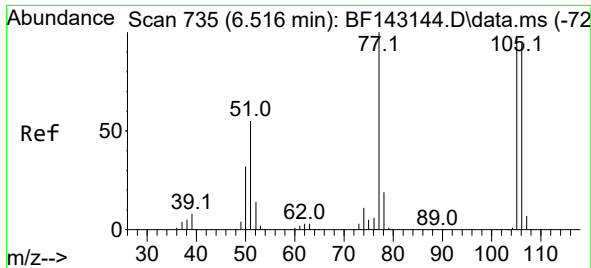
Tgt Ion: 99 Resp: 589664
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 35.5 27.7 41.5



#8
2-Chlorophenol
Concen: 40.278 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:128 Resp: 224721
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 51.7 35.9 75.9

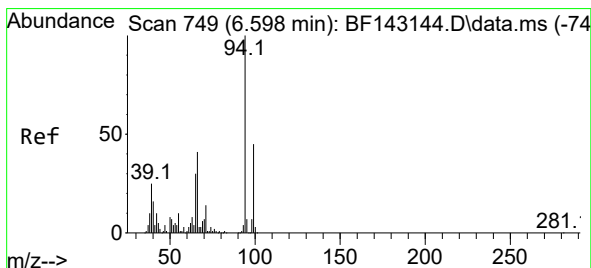
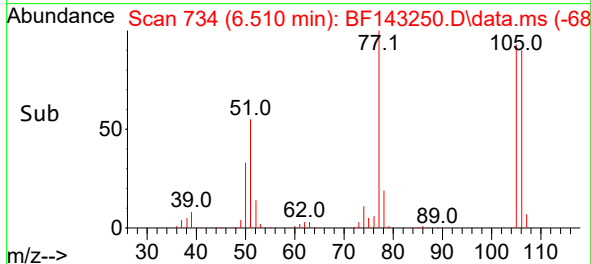
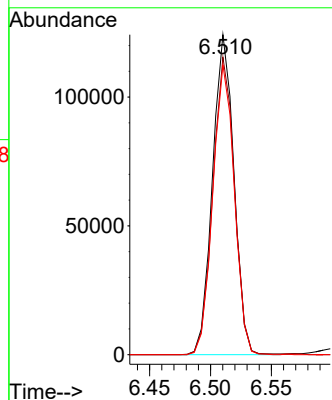
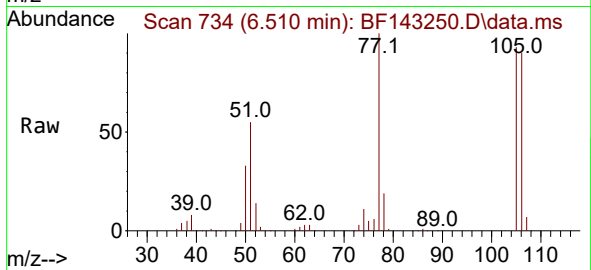




#9
Benzaldehyde
Concen: 30.250 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

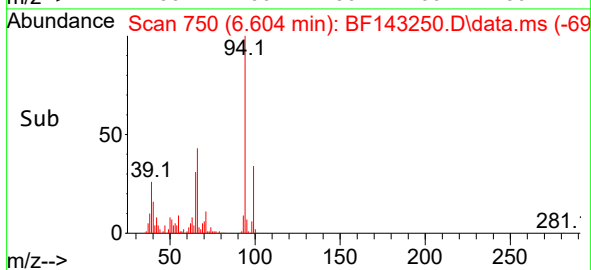
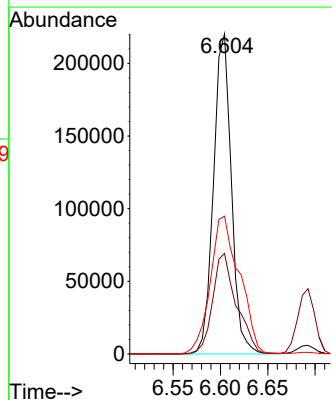
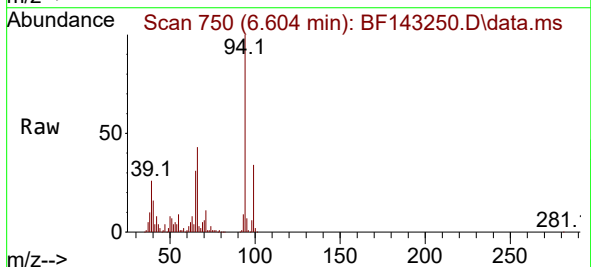
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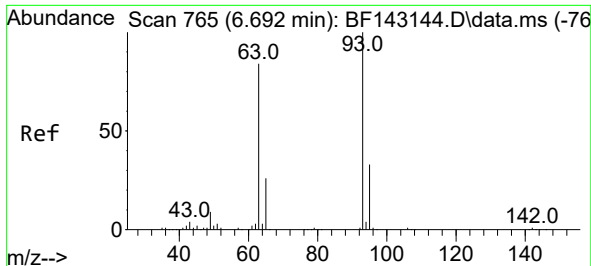
Tgt Ion: 77 Resp: 151970
Ion Ratio Lower Upper
77 100
105 92.9 76.8 116.8
106 90.5 74.4 114.4



#10
Phenol
Concen: 39.543 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion: 94 Resp: 288607
Ion Ratio Lower Upper
94 100
65 31.4 10.0 50.0
66 43.0 20.8 60.8

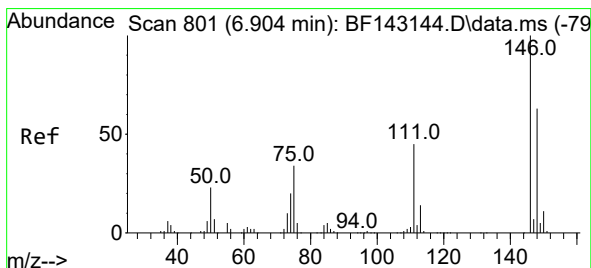
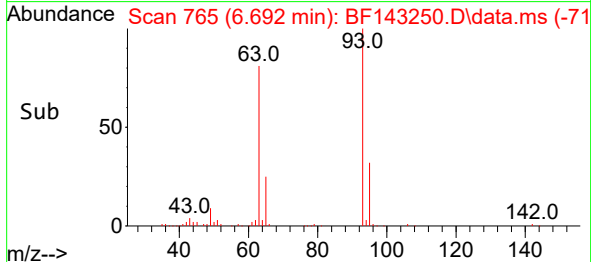
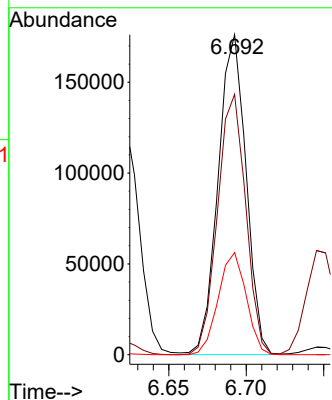
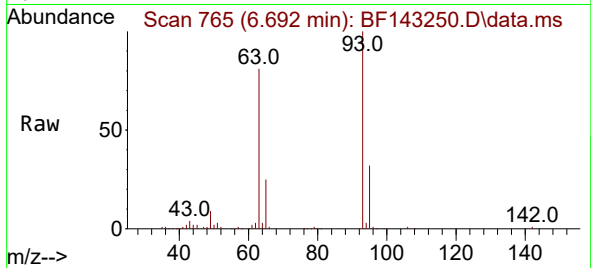




#11
bis(2-Chloroethyl)ether
Concen: 39.499 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

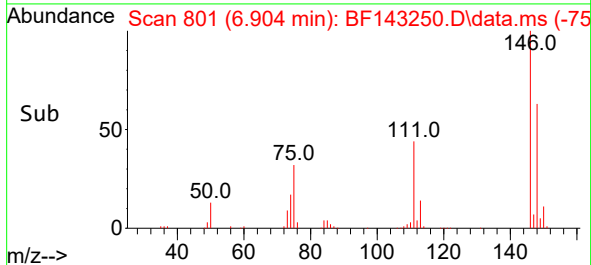
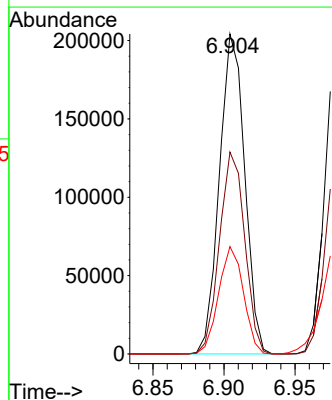
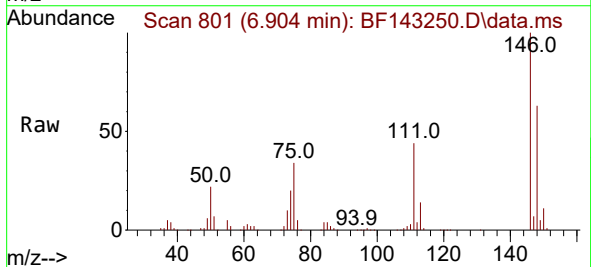
Instrument :
BNA_F
ClientSampleId :
TP-14MS

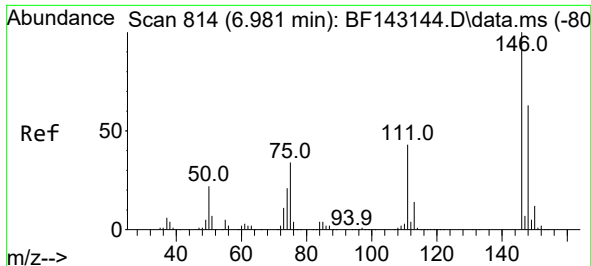
Tgt Ion: 93 Resp: 220730
Ion Ratio Lower Upper
93 100
63 81.3 63.4 103.4
95 31.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.675 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:146 Resp: 252587
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
75 33.5 27.4 41.2

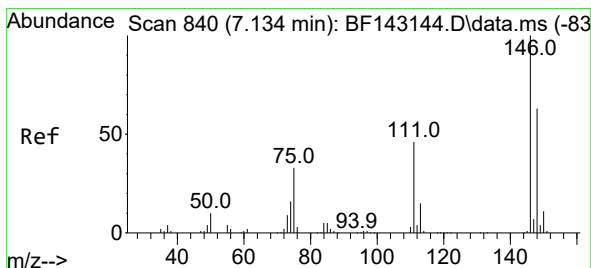
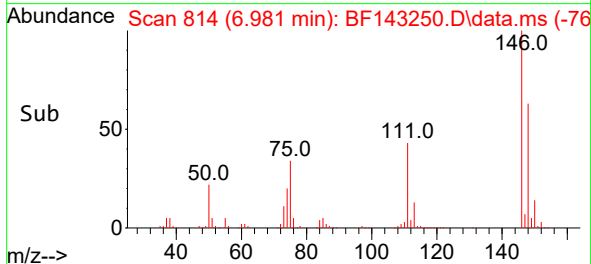
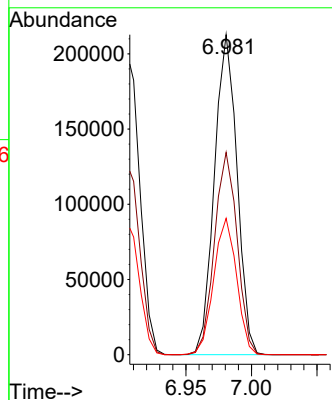
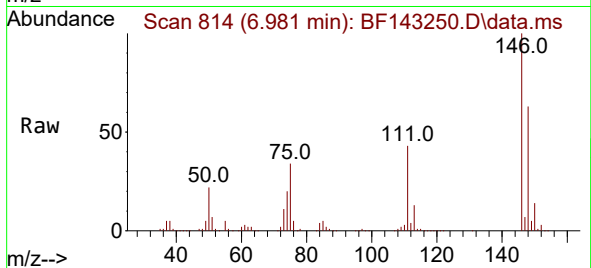




#13
1,4-Dichlorobenzene
Concen: 41.855 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

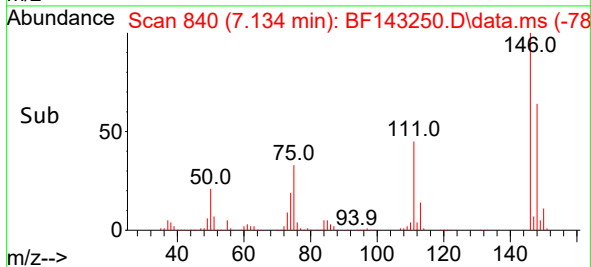
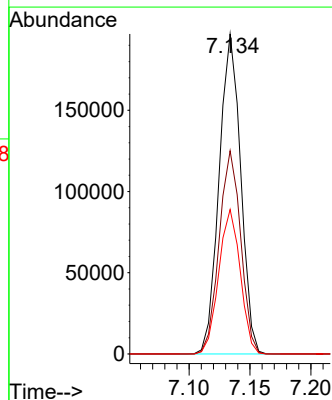
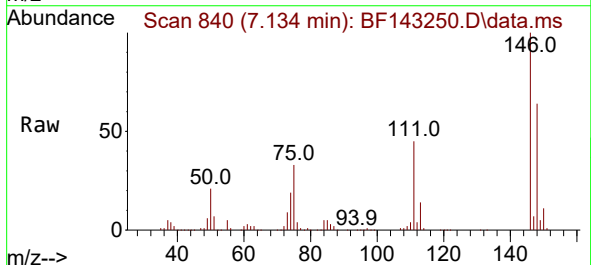
Instrument :
BNA_F
ClientSampleId :
TP-14MS

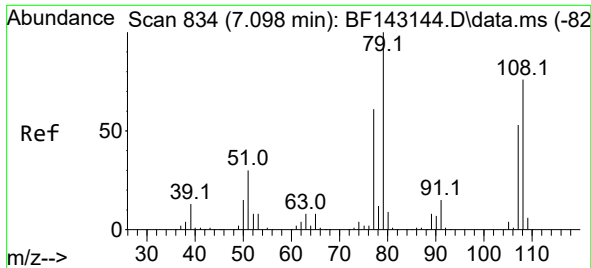
Tgt Ion:146 Resp: 255469
Ion Ratio Lower Upper
146 100
148 63.2 50.3 75.5
111 42.6 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 41.786 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:146 Resp: 242579
Ion Ratio Lower Upper
146 100
148 63.5 50.7 76.1
111 45.1 36.6 54.8

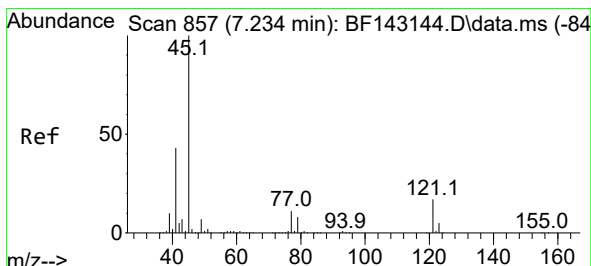
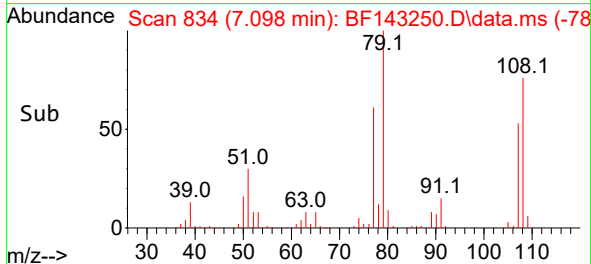
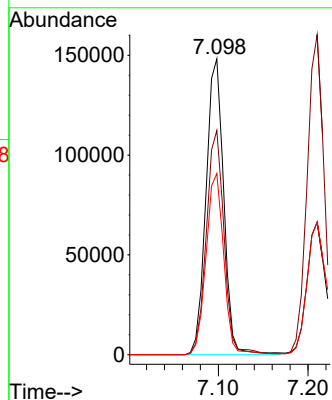
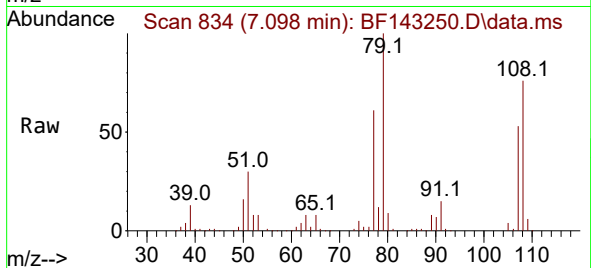




#15
Benzyl Alcohol
Concen: 39.573 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

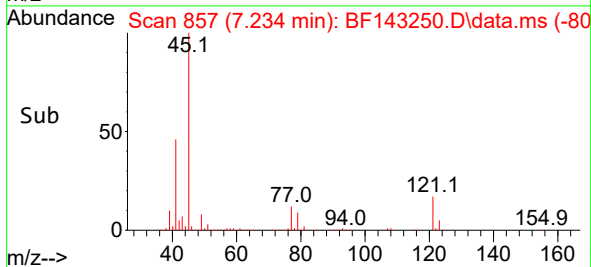
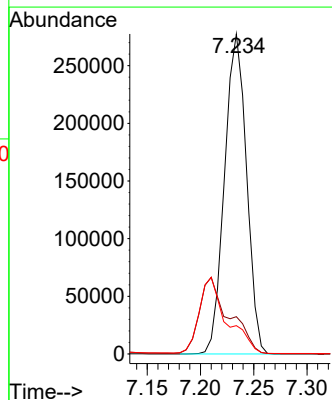
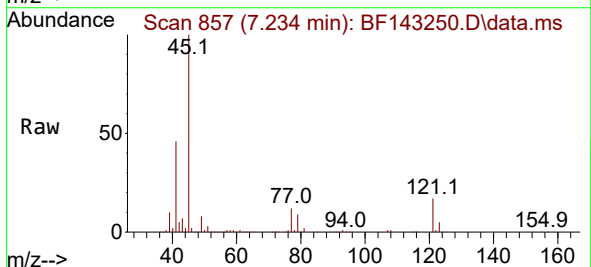
Instrument :
BNA_F
ClientSampleId :
TP-14MS

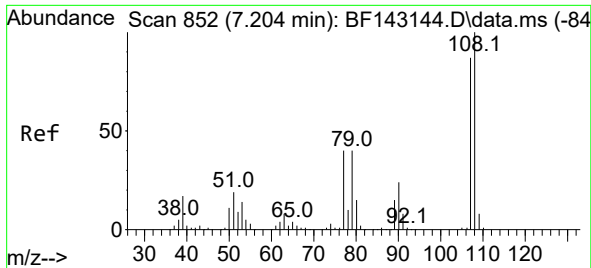
Tgt Ion: 79 Resp: 202435
Ion Ratio Lower Upper
79 100
108 75.8 61.1 91.7
77 61.2 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.383 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion: 45 Resp: 397891
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.2
79 8.9 0.0 28.5

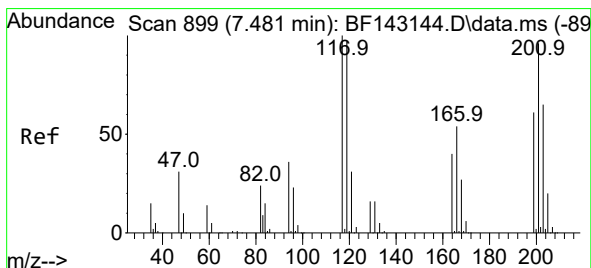
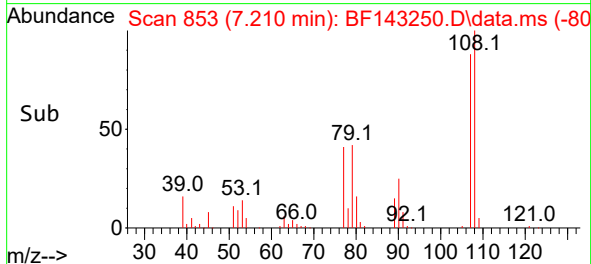
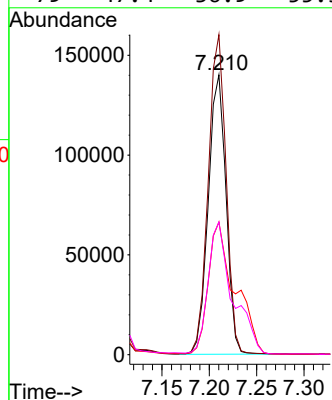
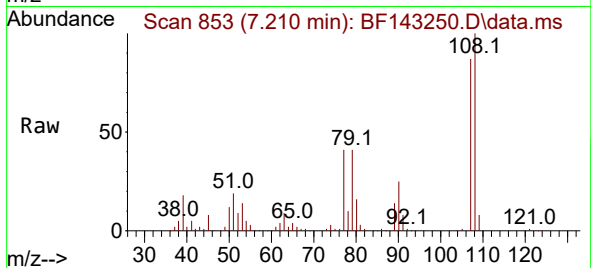




#17
2-Methylphenol
Concen: 38.919 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

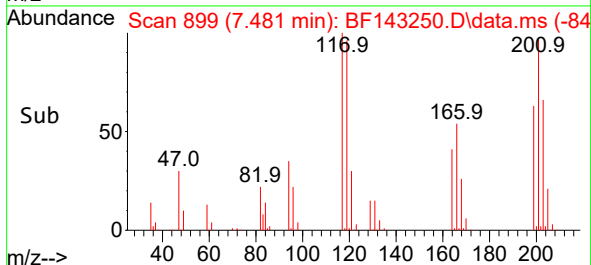
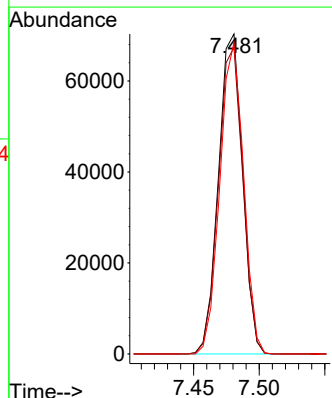
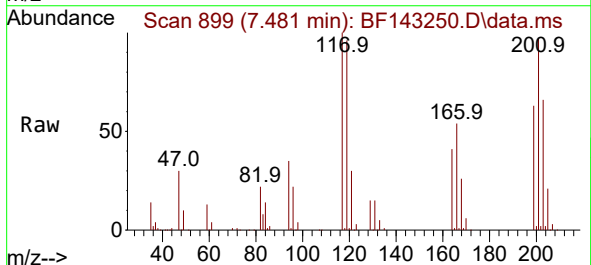
Instrument :
BNA_F
ClientSampleId :
TP-14MS

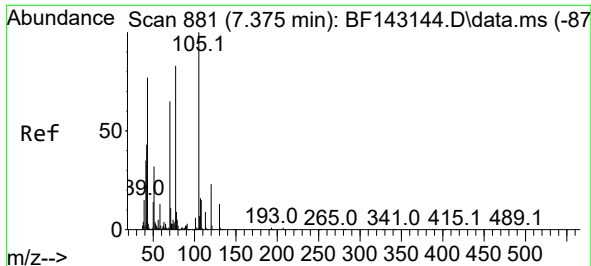
Tgt Ion:	107	Resp:	182574
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.8	137.6
77	47.4	37.0	55.6
79	47.4	36.9	55.3



#18
Hexachloroethane
Concen: 42.684 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:	117	Resp:	90191
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.8	116.8
201	97.4	77.0	115.4





#19

n-Nitroso-di-n-propylamine

Concen: 37.534 ng

RT: 7.369 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

Tgt Ion: 70 Resp: 161331

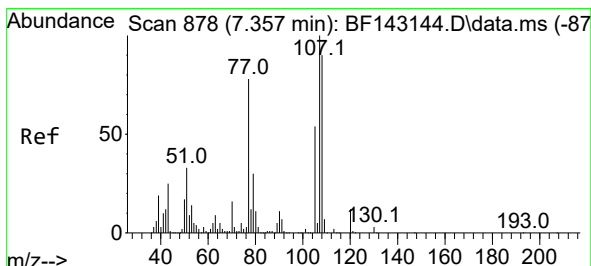
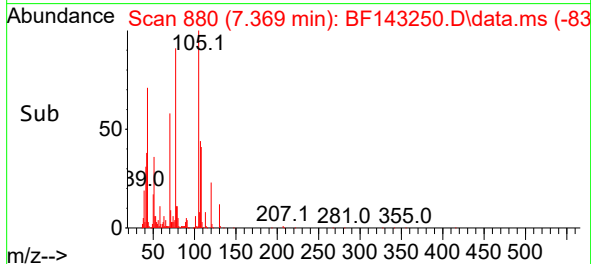
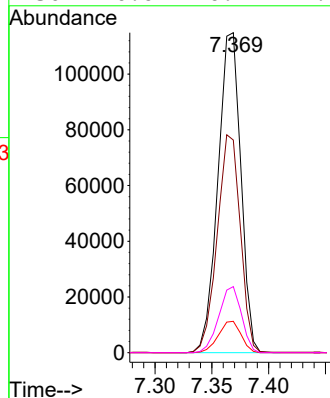
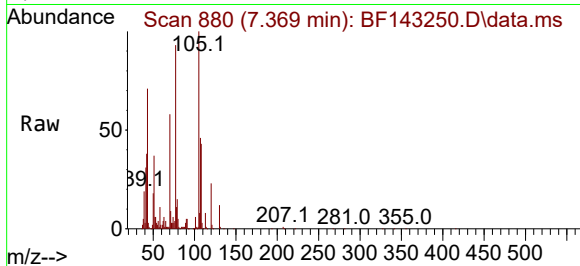
Ion Ratio Lower Upper

70 100

42 66.4 52.5 78.7

101 9.8 7.6 11.4

130 20.6 16.1 24.1



#20

3+4-Methylphenols

Concen: 39.010 ng

RT: 7.357 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Tgt Ion:107 Resp: 222031

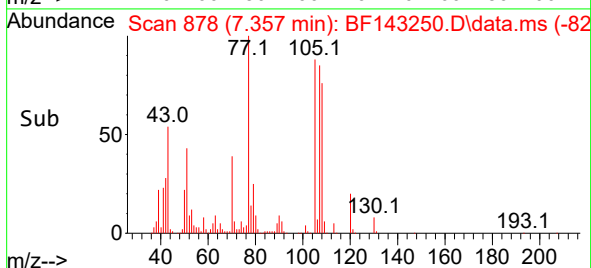
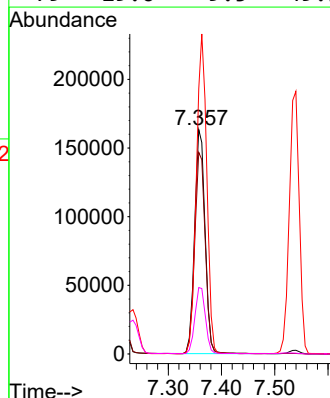
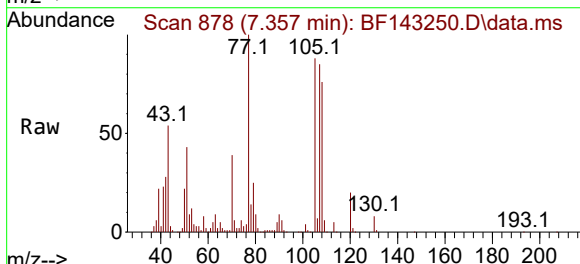
Ion Ratio Lower Upper

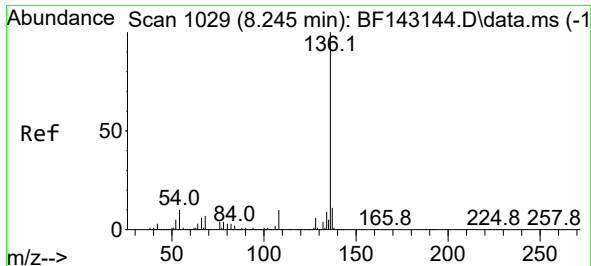
107 100

108 89.8 70.0 110.0

77 118.2 57.8 97.8#

79 29.6 9.5 49.5



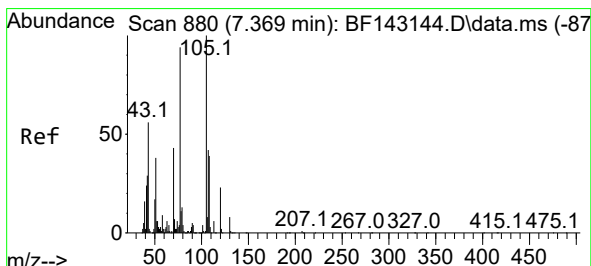
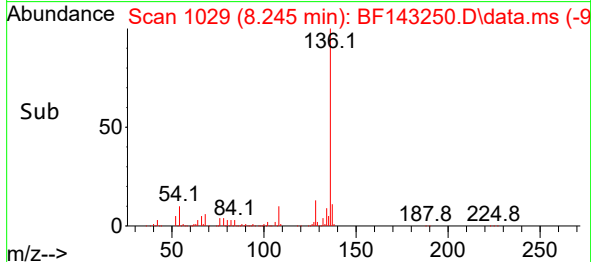
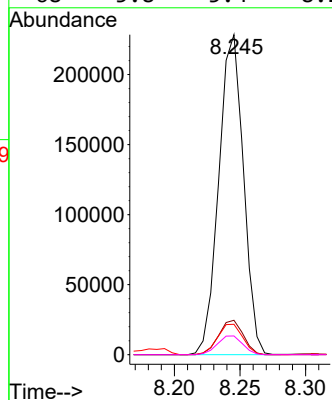
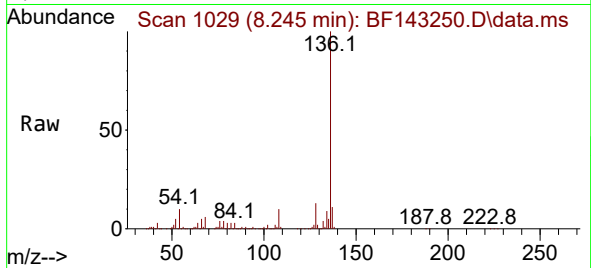


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:136 Resp: 298842

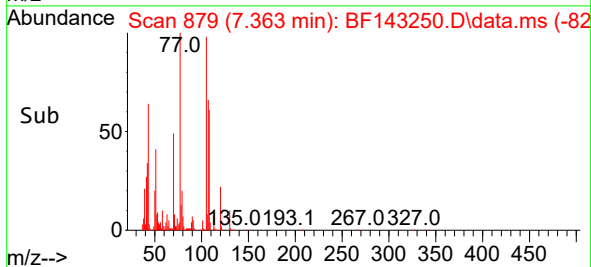
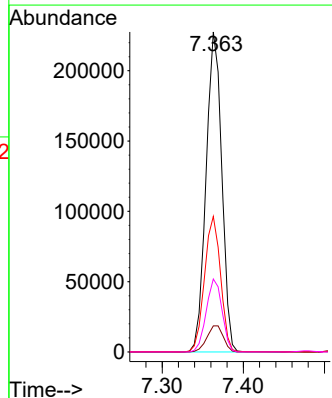
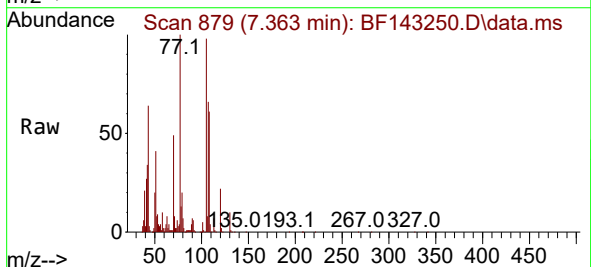
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.5	8.2	12.2
68	5.8	5.4	8.2

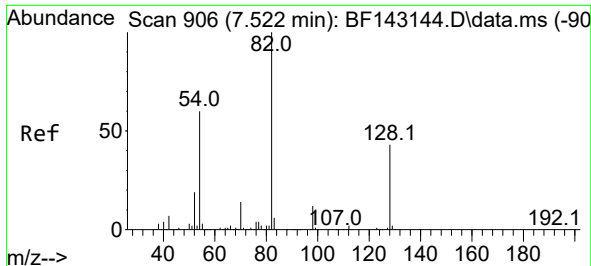


#22
Acetophenone
Concen: 43.164 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:105 Resp: 305389

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.6
51	42.4	30.2	45.2
120	22.8	18.2	27.4





#23

Nitrobenzene-d5

Concen: 63.290 ng

RT: 7.516 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

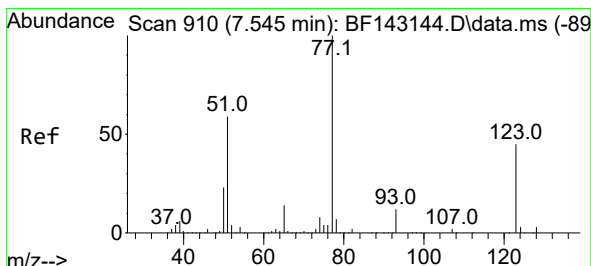
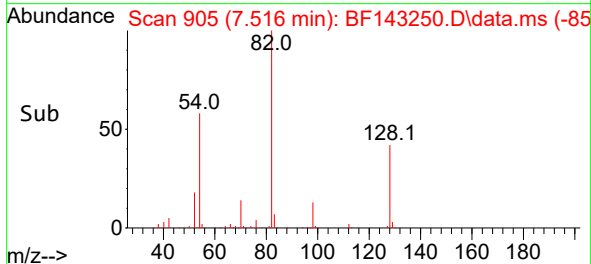
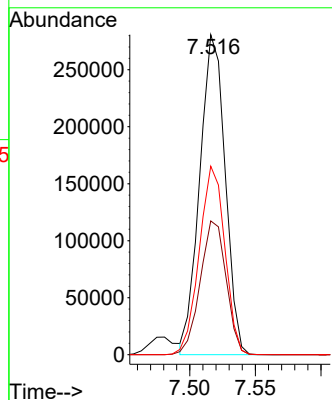
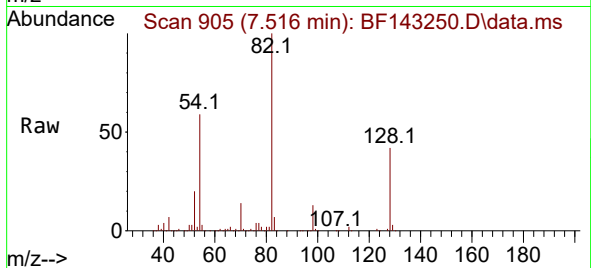
Tgt Ion: 82 Resp: 379437

Ion Ratio Lower Upper

82 100

128 41.8 33.6 50.4

54 58.9 47.1 70.7



#24

Nitrobenzene

Concen: 44.494 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

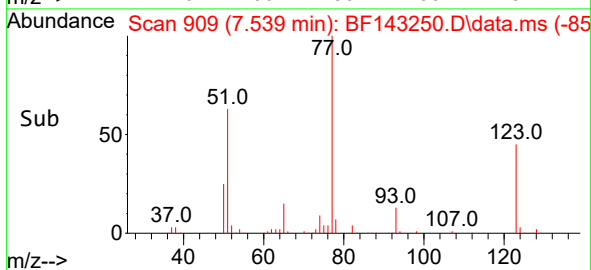
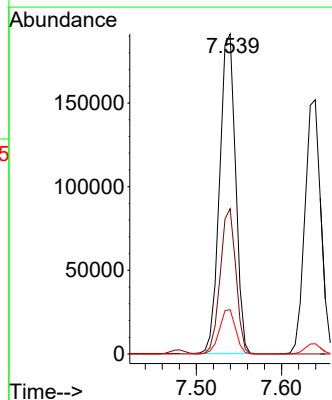
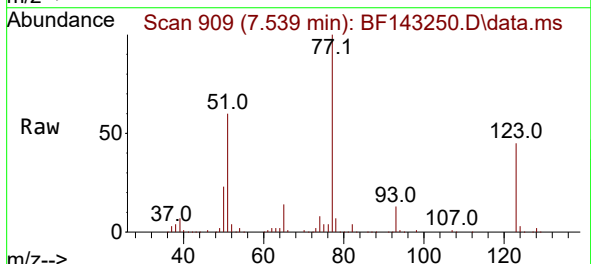
Tgt Ion: 77 Resp: 248696

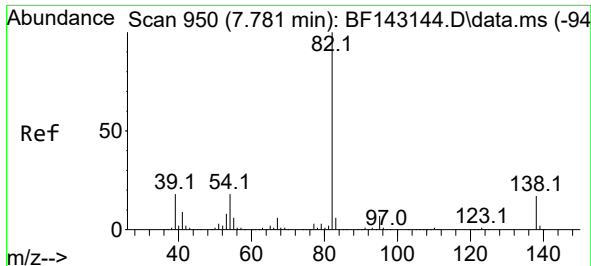
Ion Ratio Lower Upper

77 100

123 45.4 36.1 54.1

65 13.9 11.4 17.2

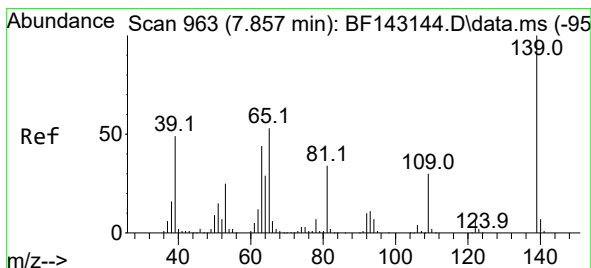
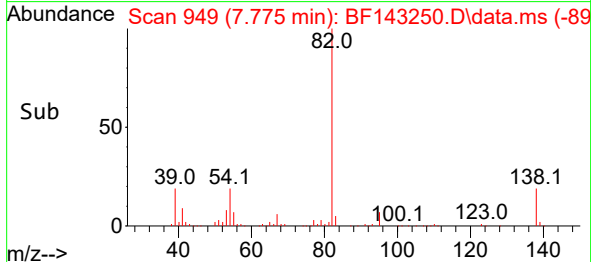
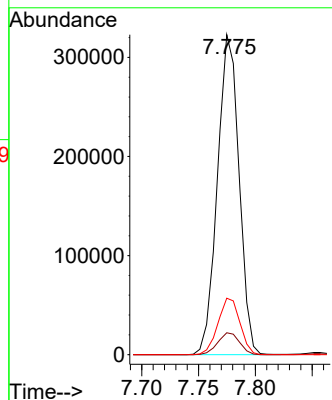
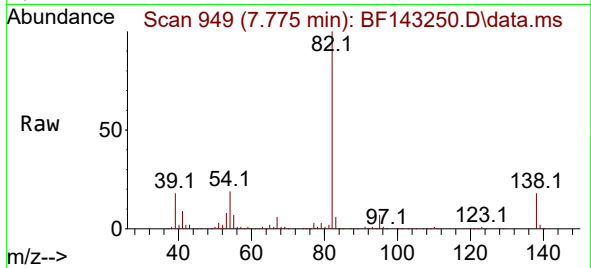




#25
Isophorone
Concen: 40.437 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

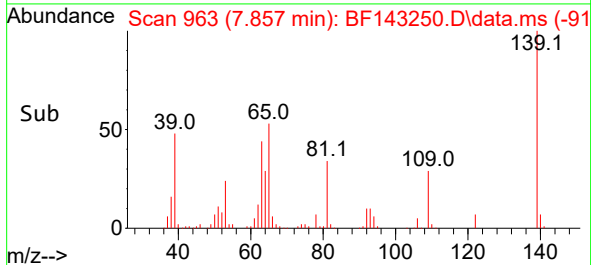
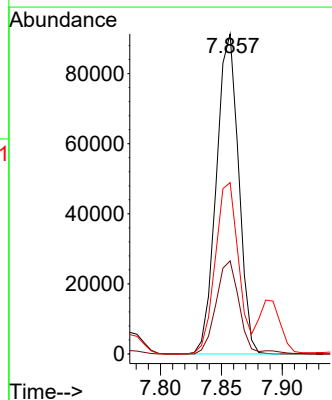
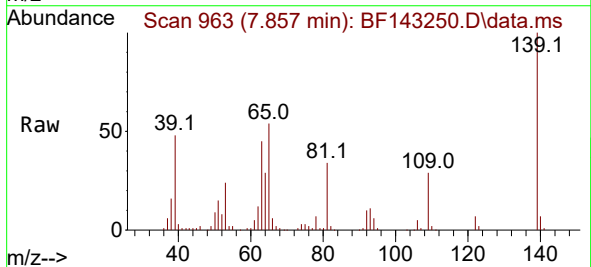
Instrument :
BNA_F
ClientSampleId :
TP-14MS

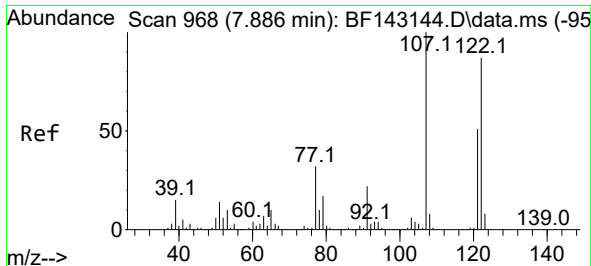
Tgt Ion: 82 Resp: 427964
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.6 13.8 20.8



#26
2-Nitrophenol
Concen: 47.960 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:139 Resp: 116340
Ion Ratio Lower Upper
139 100
109 29.1 23.6 35.4
65 53.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 40.002 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

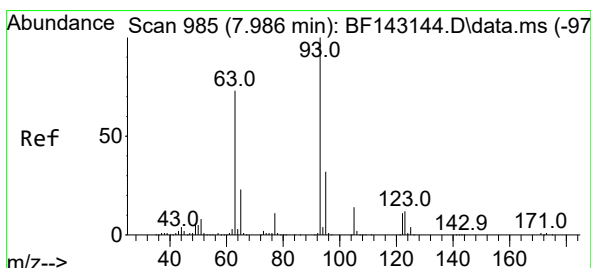
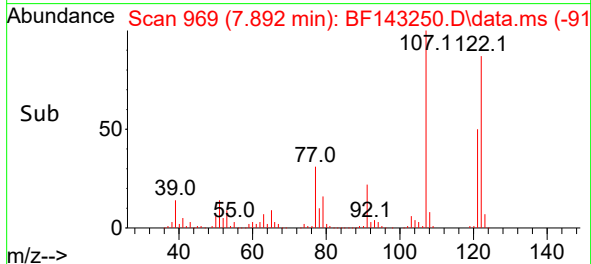
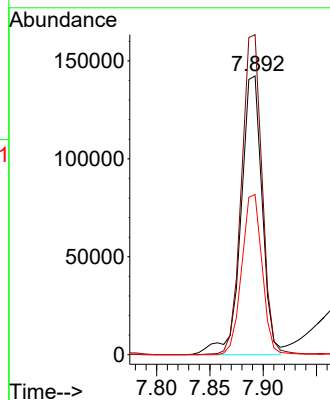
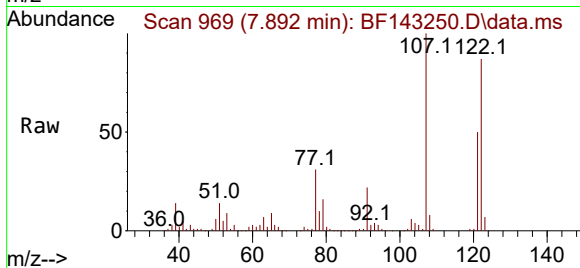
Tgt Ion:122 Resp: 197799

Ion Ratio Lower Upper

122 100

107 114.8 91.8 137.6

121 57.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.839 ng

RT: 7.981 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

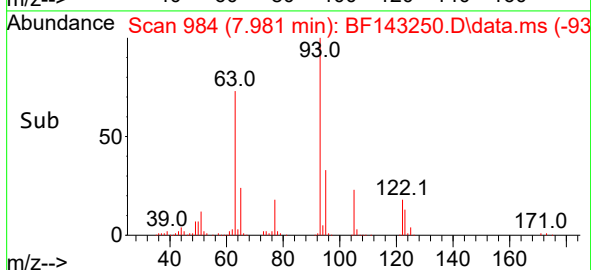
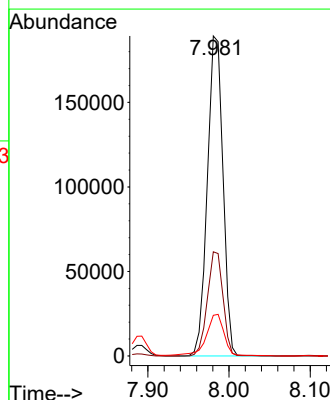
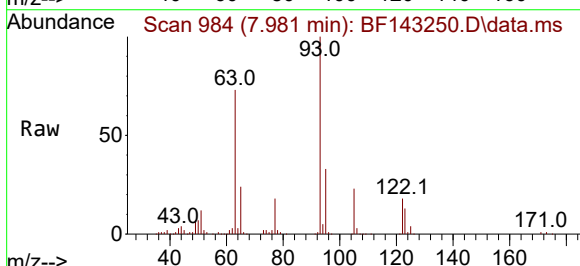
Tgt Ion: 93 Resp: 252800

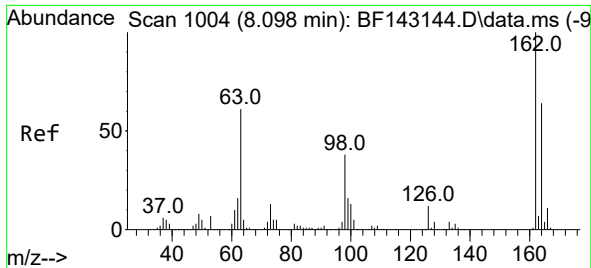
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 12.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.706 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

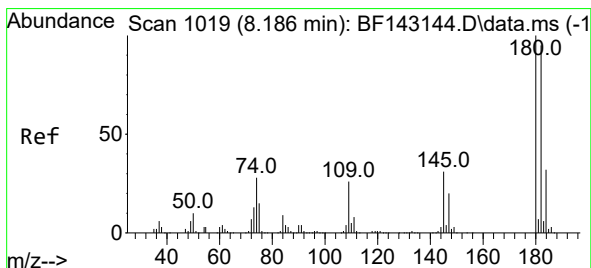
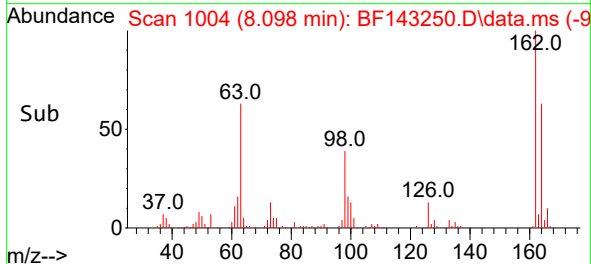
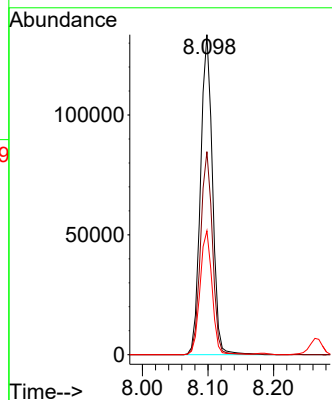
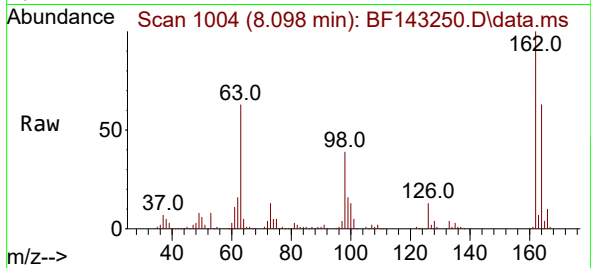
Tgt Ion:162 Resp: 169745

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

98 38.7 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 43.034 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

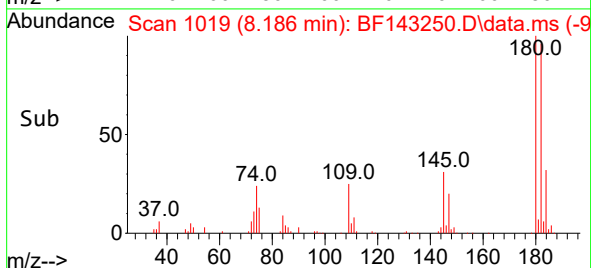
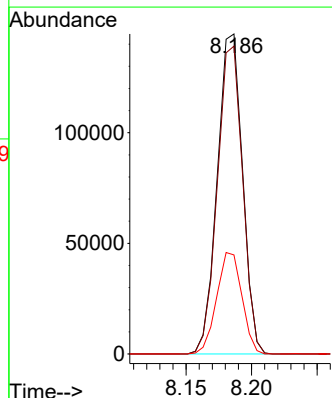
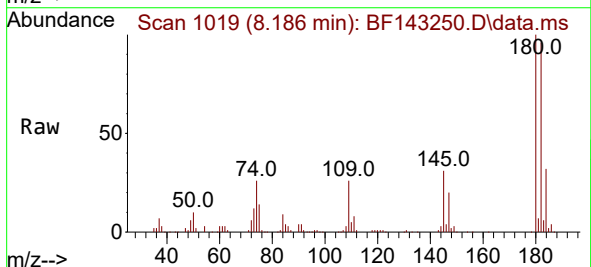
Tgt Ion:180 Resp: 193872

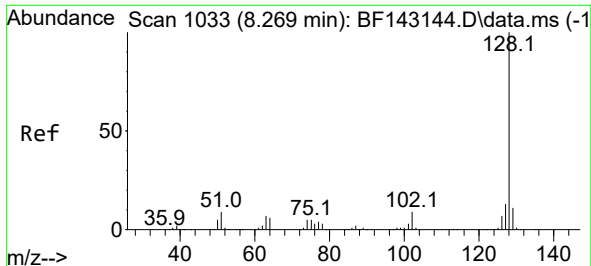
Ion Ratio Lower Upper

180 100

182 96.2 76.2 114.2

145 31.0 25.0 37.6





#31

Naphthalene

Concen: 42.966 ng

RT: 8.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

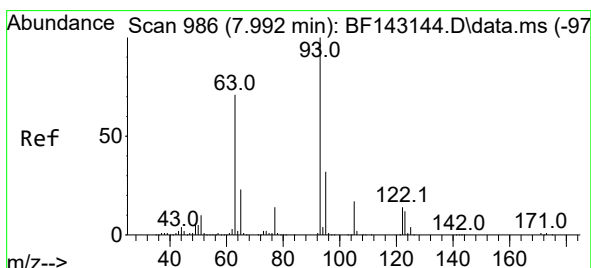
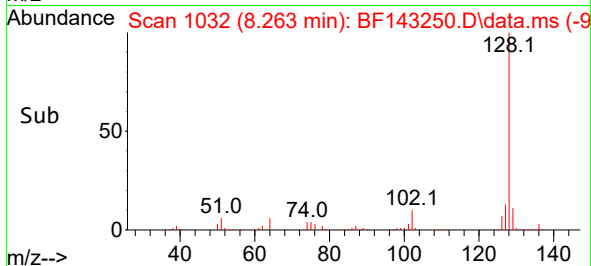
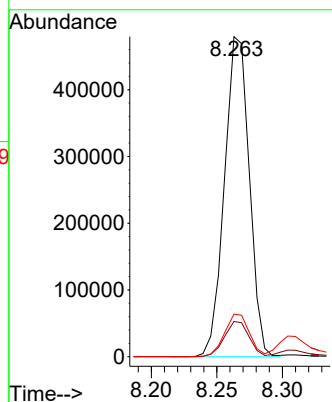
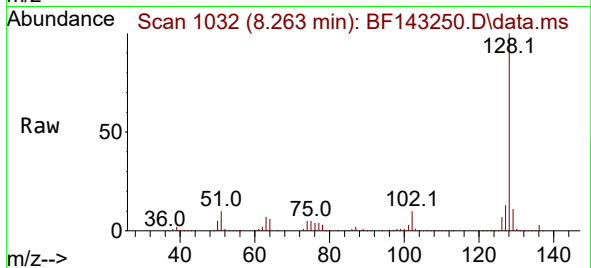
Tgt Ion:128 Resp: 632353

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 40.850 ng

RT: 7.987 min Scan# 985

Delta R.T. -0.005 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

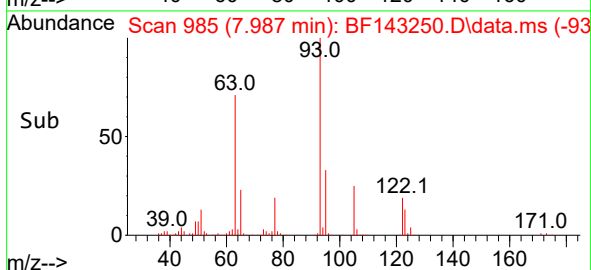
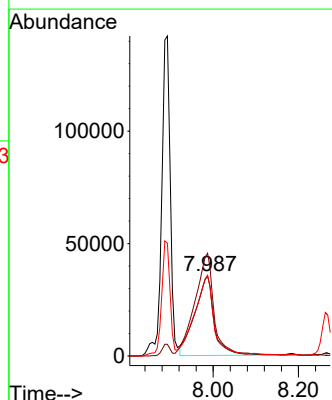
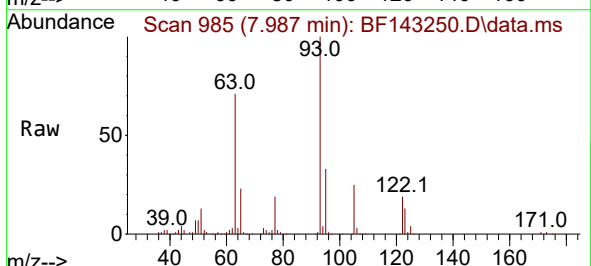
Tgt Ion:122 Resp: 111374

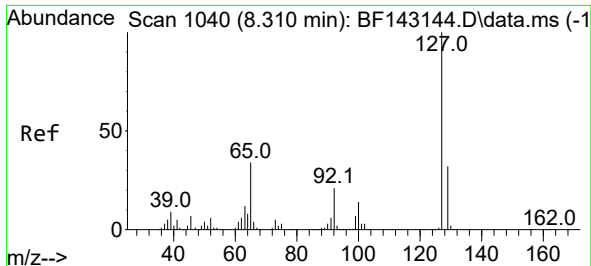
Ion Ratio Lower Upper

122 100

105 128.1 104.8 144.8

77 100.5 77.6 117.6

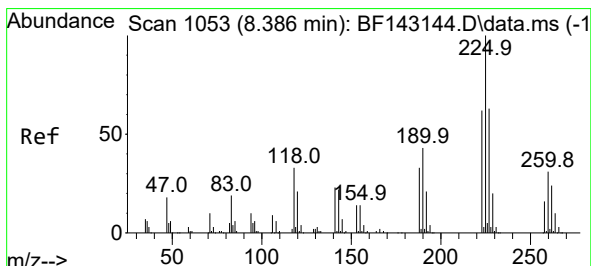
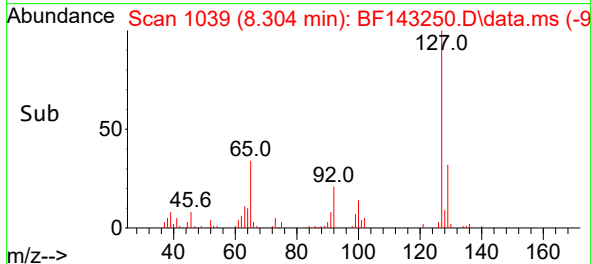
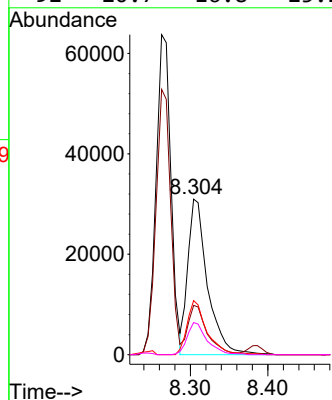
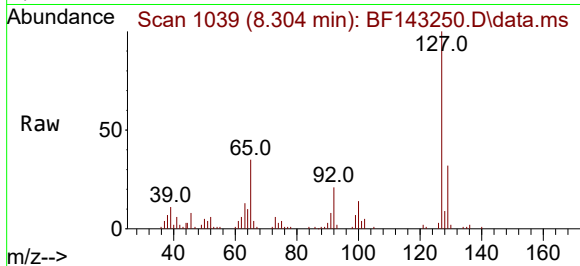




#33
4-Chloroaniline
Concen: 9.129 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

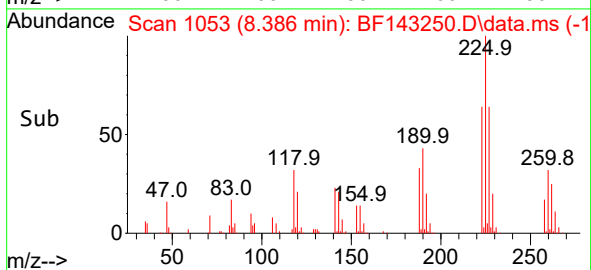
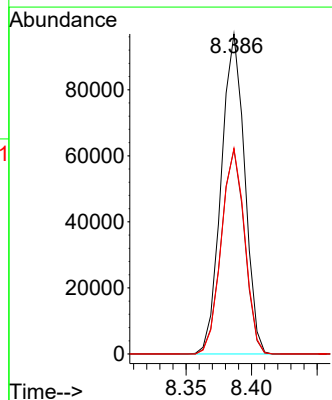
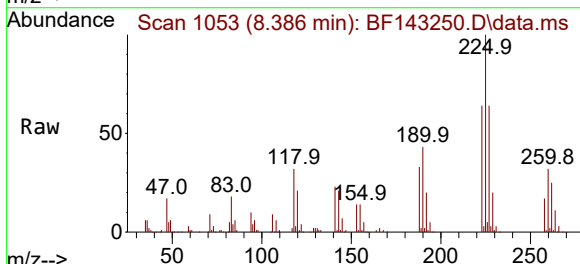
Instrument :
BNA_F
ClientSampleId :
TP-14MS

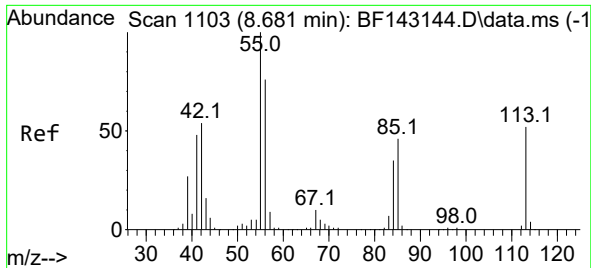
Tgt Ion:	127	Resp:	54861
Ion Ratio	Lower	Upper	
127	100		
129	31.7	26.0	39.0
65	34.8	27.4	41.2
92	20.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.637 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:	225	Resp:	120090
Ion Ratio	Lower	Upper	
225	100		
223	63.9	49.8	74.6
227	64.3	50.2	75.4

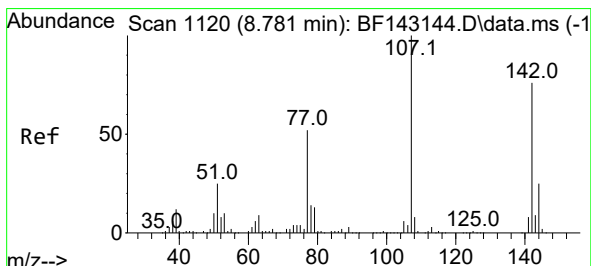
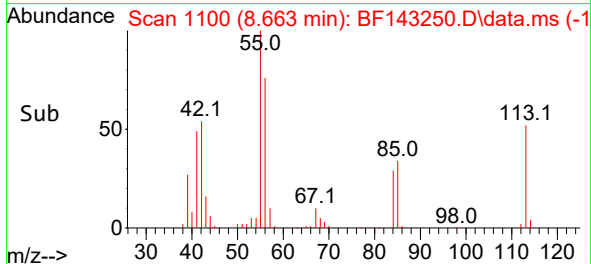
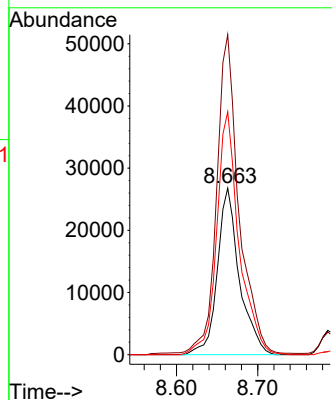
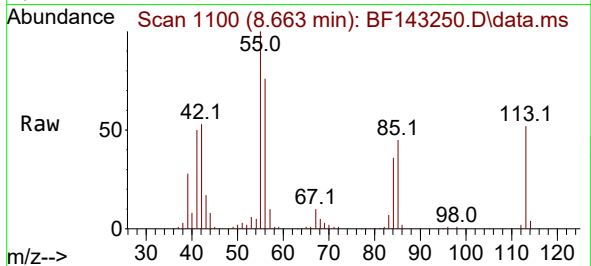




#35
 Caprolactam
 Concen: 40.094 ng
 RT: 8.663 min Scan# 1100
 Delta R.T. -0.018 min
 Lab File: BF143250.D
 Acq: 25 Jul 2025 14:48

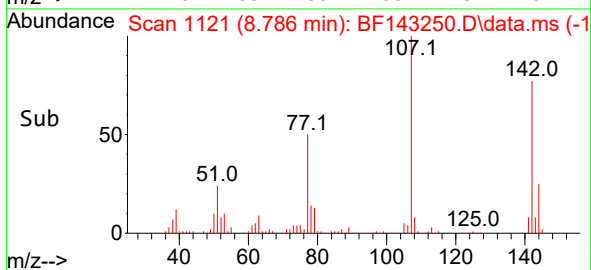
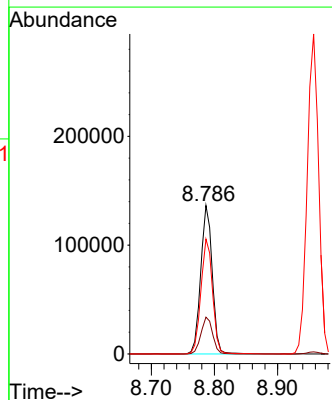
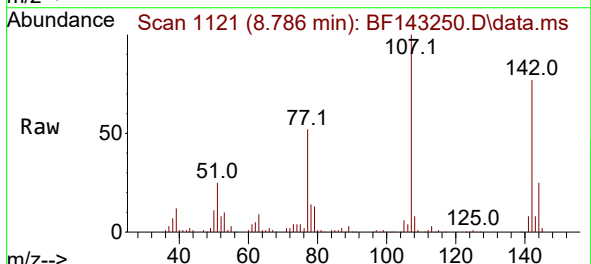
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

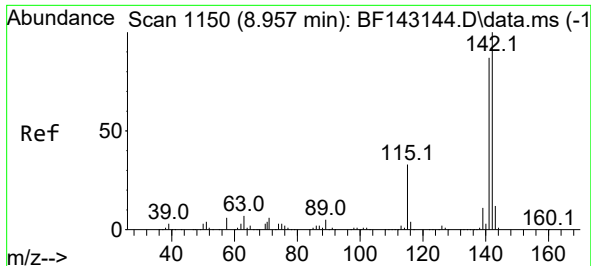
Tgt Ion:113 Resp: 50522
 Ion Ratio Lower Upper
 113 100
 55 192.1 174.0 214.0
 56 145.8 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.453 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143250.D
 Acq: 25 Jul 2025 14:48

Tgt Ion:107 Resp: 174283
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.8 29.6
 142 77.4 60.6 90.8

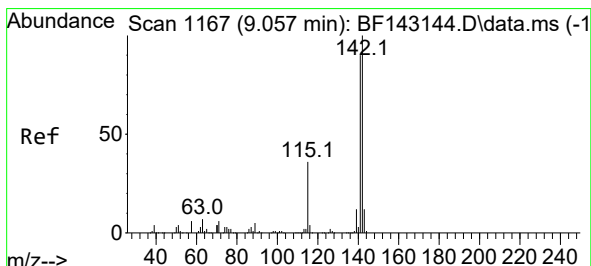
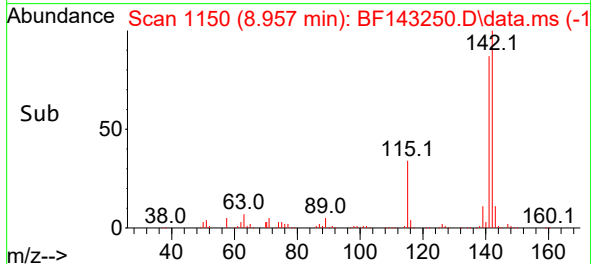
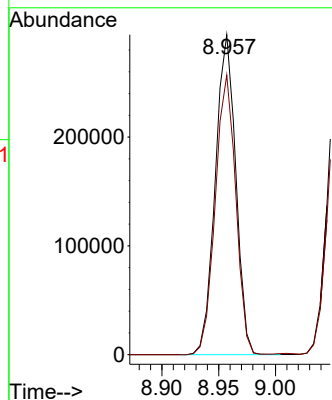
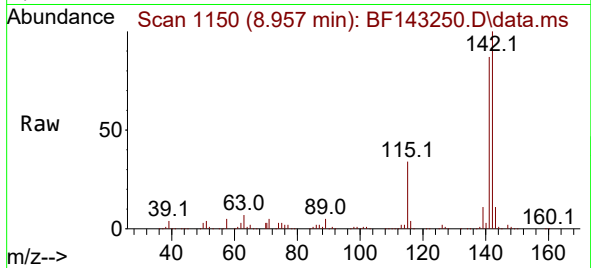




#37
2-Methylnaphthalene
Concen: 41.183 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

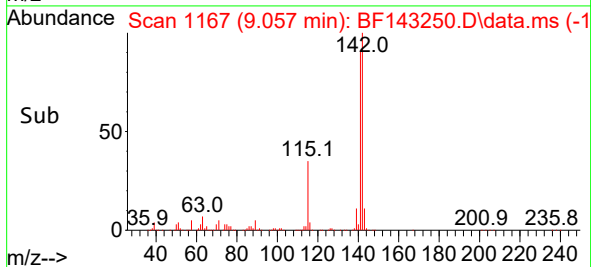
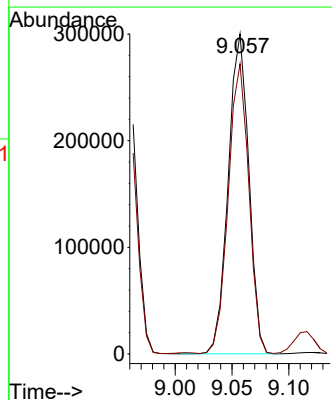
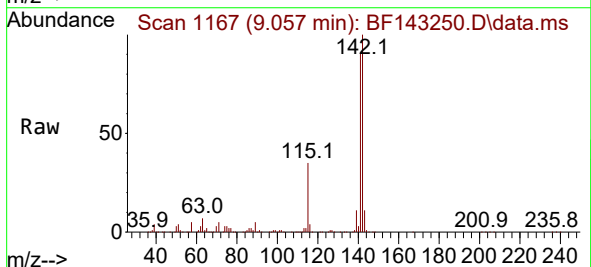
Instrument :
BNA_F
ClientSampleId :
TP-14MS

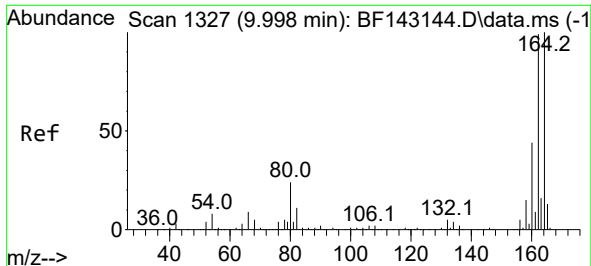
Tgt Ion:142 Resp: 368833
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9



#38
1-Methylnaphthalene
Concen: 40.977 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:142 Resp: 377899
Ion Ratio Lower Upper
142 100
141 90.6 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

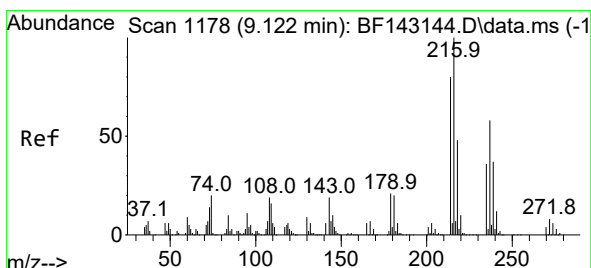
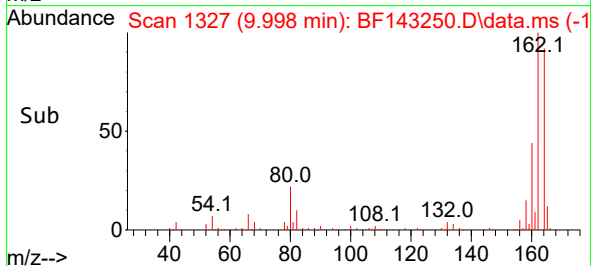
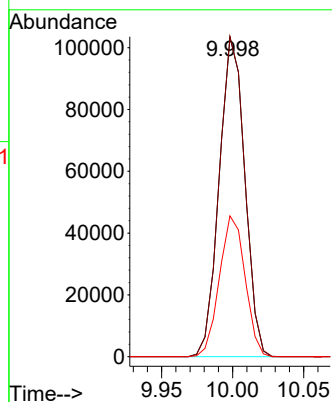
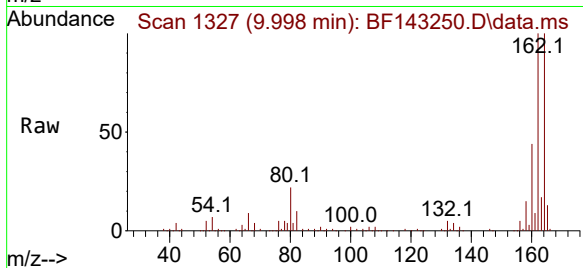
Tgt Ion:164 Resp: 129261

Ion Ratio Lower Upper

164 100

162 100.1 79.0 118.6

160 44.1 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.741 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Tgt Ion:216 Resp: 181896

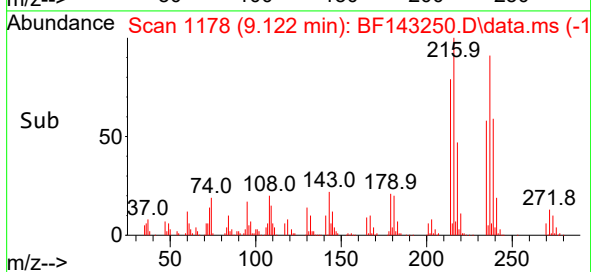
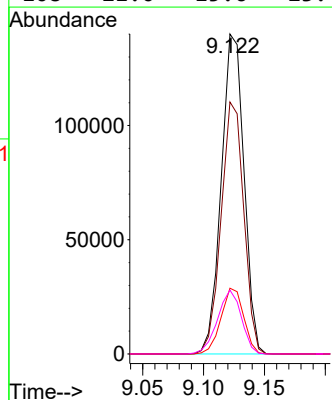
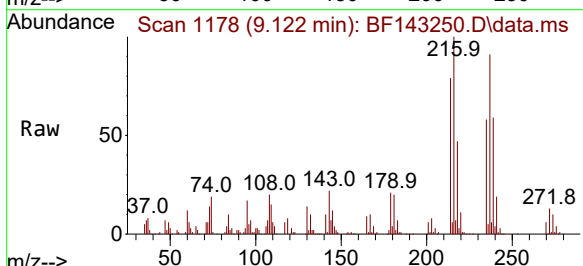
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.8

179 20.5 16.4 24.6

108 21.0 15.6 23.4

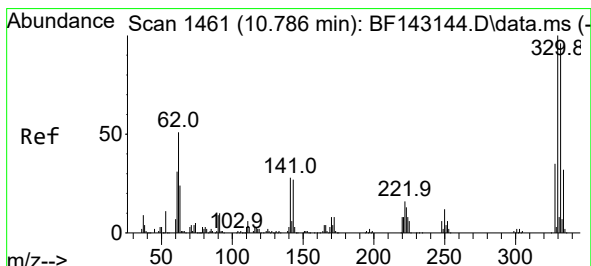
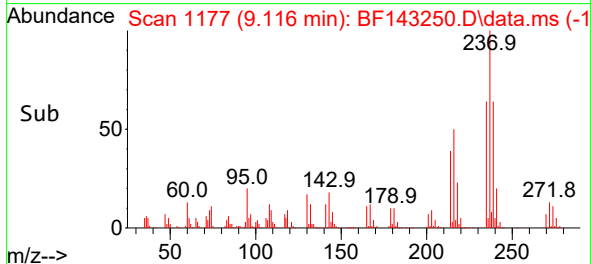
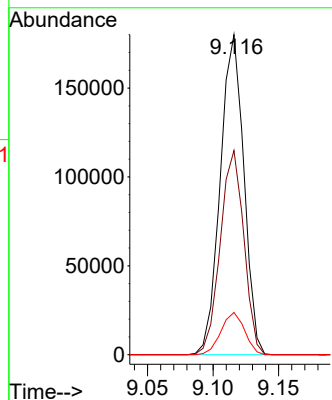
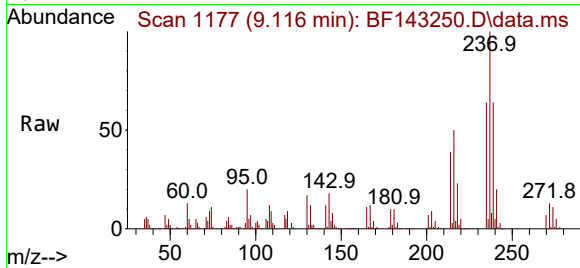




#41
Hexachlorocyclopentadiene
Concen: 92.604 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

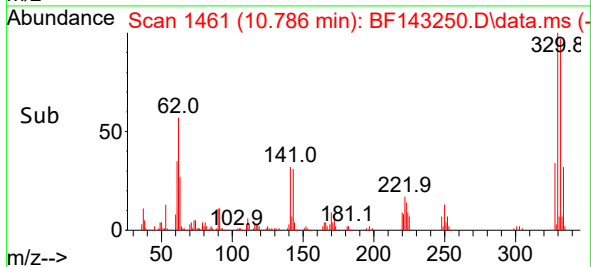
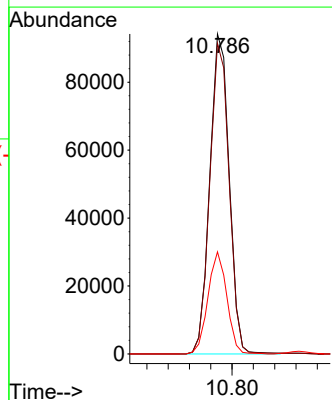
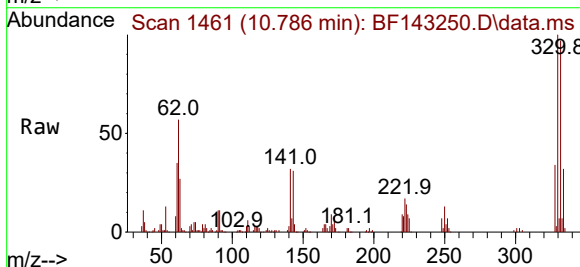
Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:237 Resp: 224865
Ion Ratio Lower Upper
237 100
235 63.8 43.0 83.0
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 88.911 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:330 Resp: 118726
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 31.2 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 45.005 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

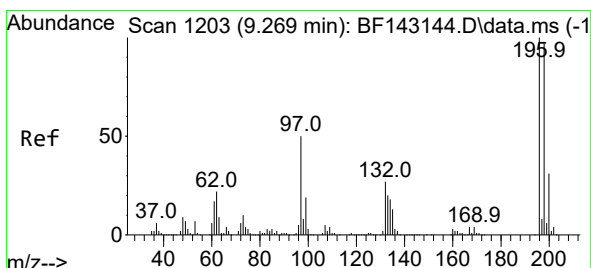
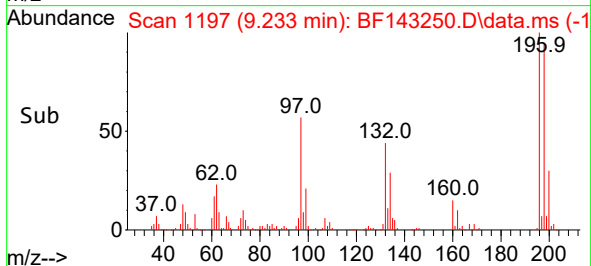
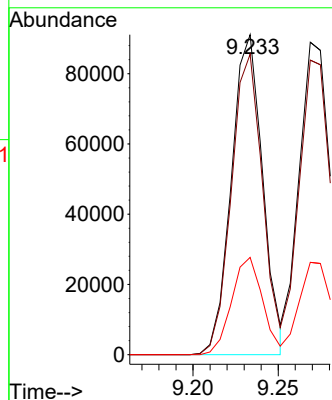
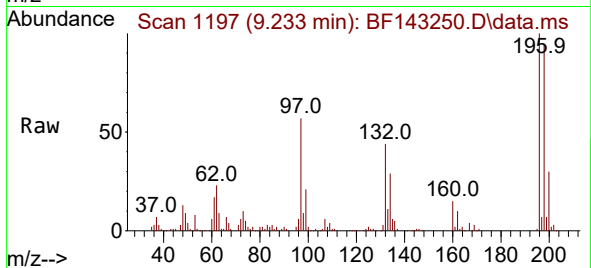
Tgt Ion:196 Resp: 116240

Ion Ratio Lower Upper

196 100

198 93.9 76.2 114.2

200 30.4 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 44.856 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Tgt Ion:196 Resp: 115888

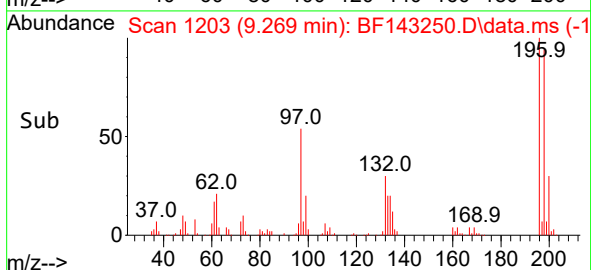
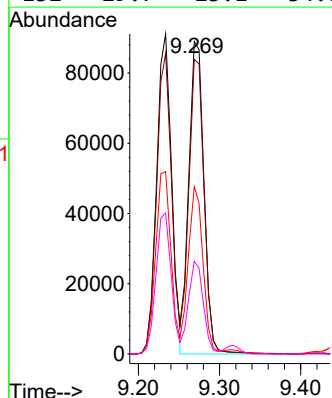
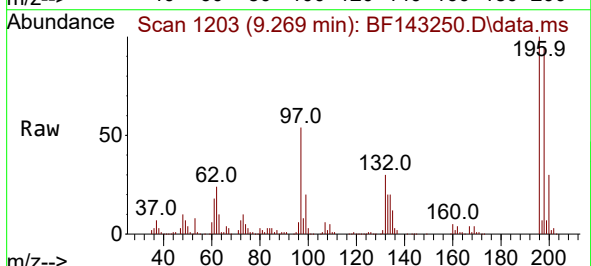
Ion Ratio Lower Upper

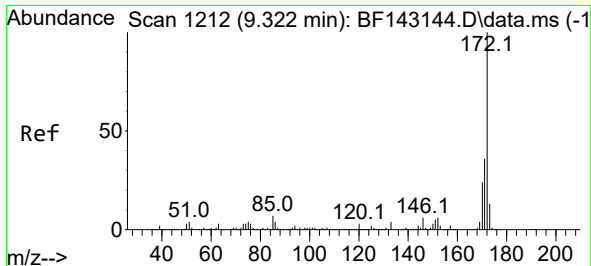
196 100

198 94.3 77.3 115.9

97 53.5 40.3 60.5

132 29.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 67.083 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

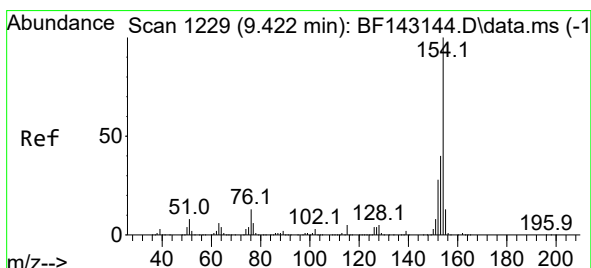
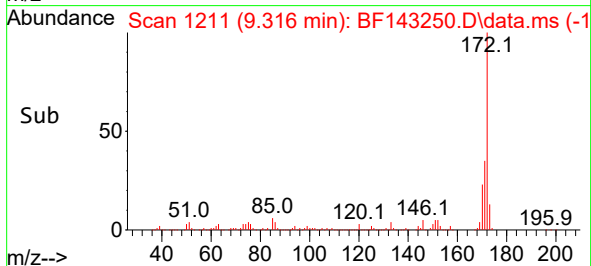
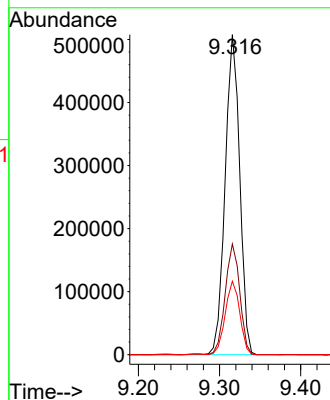
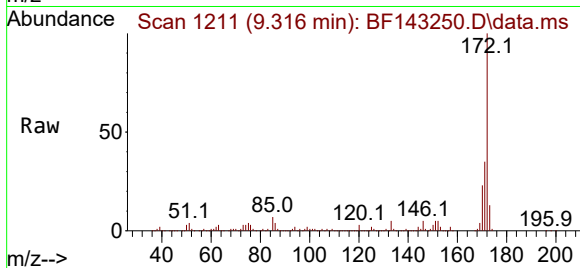
Tgt Ion:172 Resp: 634037

Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

170 23.0 18.8 28.2



#46

1,1'-Biphenyl

Concen: 47.497 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

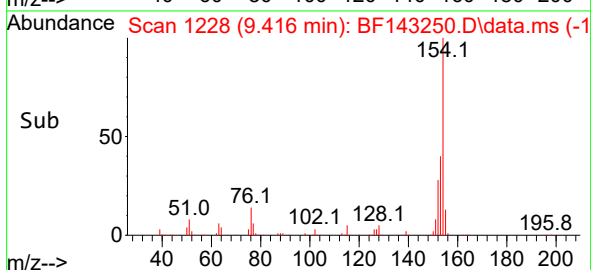
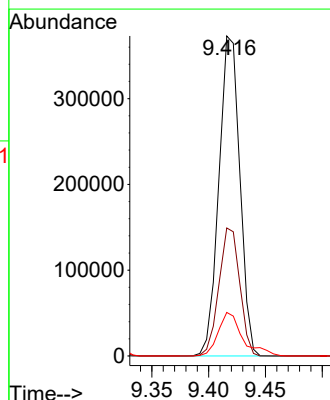
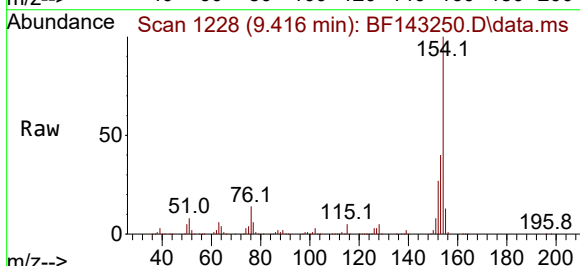
Tgt Ion:154 Resp: 479003

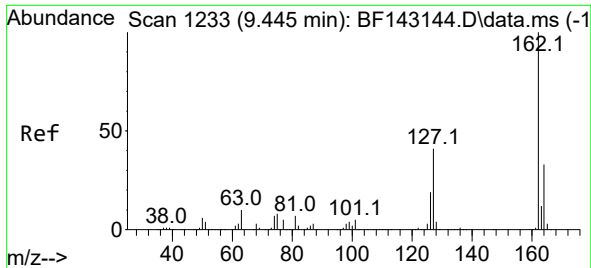
Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

76 13.6 0.0 33.3

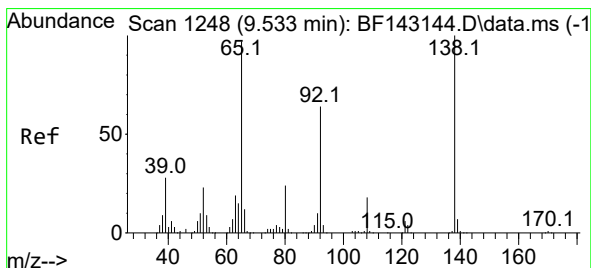
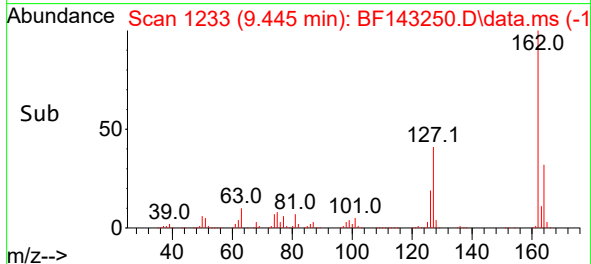
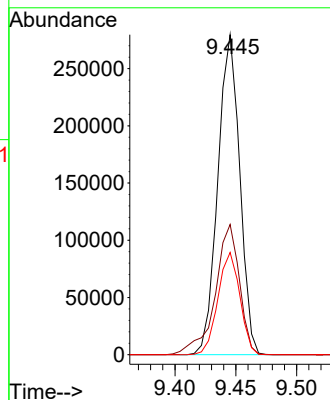
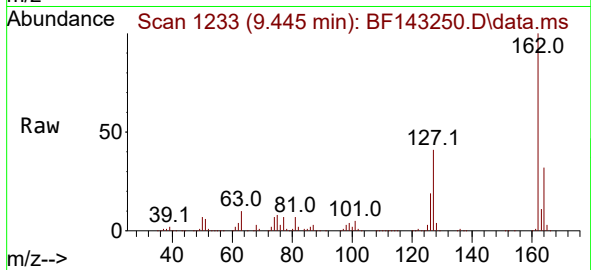




#47
2-Chloronaphthalene
Concen: 46.947 ng
RT: 9.445 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

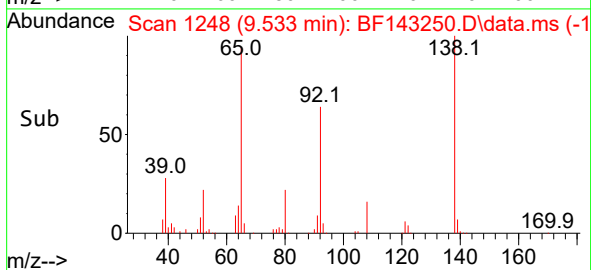
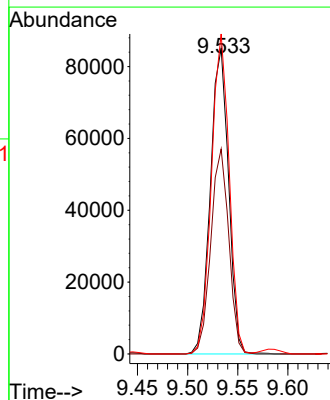
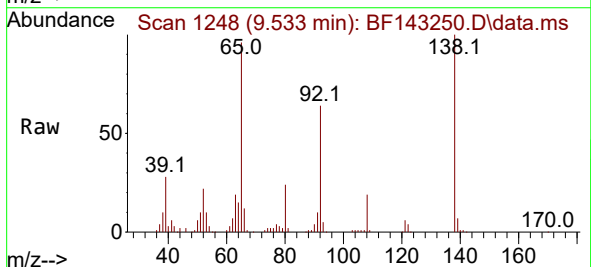
Instrument :
BNA_F
ClientSampleId :
TP-14MS

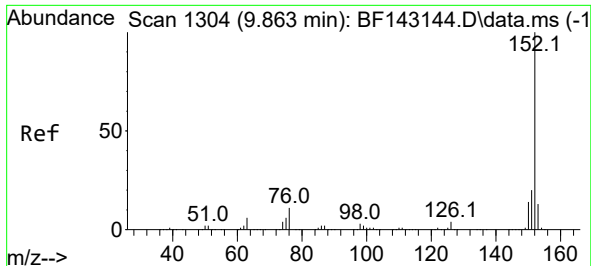
Tgt Ion:162 Resp: 350320
Ion Ratio Lower Upper
162 100
127 40.7 33.4 50.2
164 32.0 26.2 39.2



#48
2-Nitroaniline
Concen: 45.907 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion: 65 Resp: 107427
Ion Ratio Lower Upper
65 100
92 67.0 52.4 78.6
138 104.7 82.3 123.5

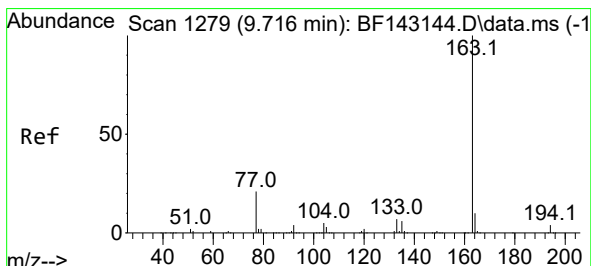
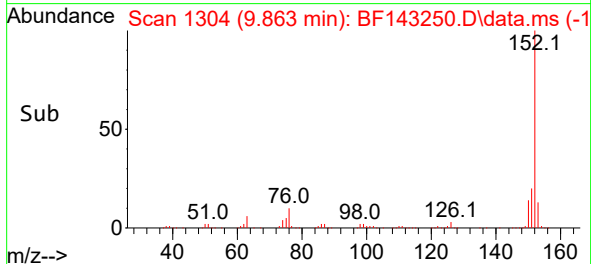
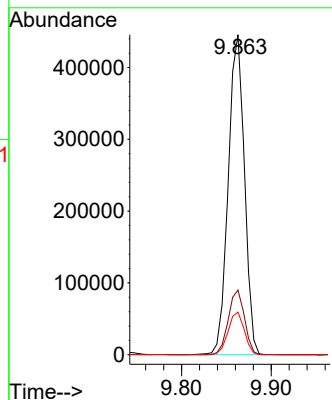
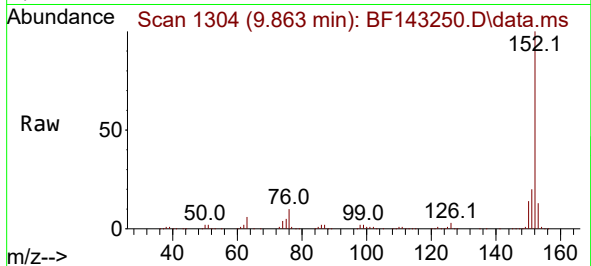




#49
Acenaphthylene
Concen: 44.709 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

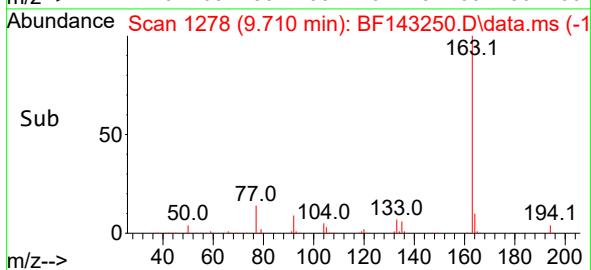
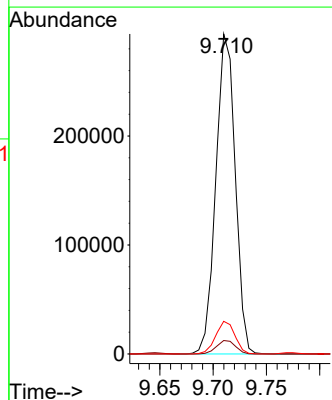
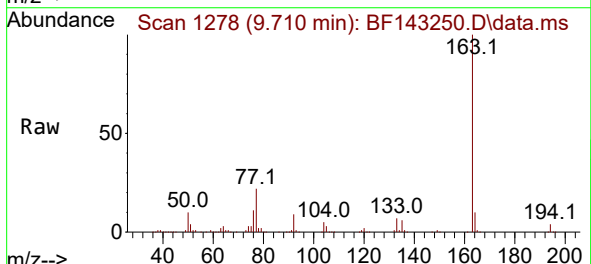
Instrument :
BNA_F
ClientSampleId :
TP-14MS

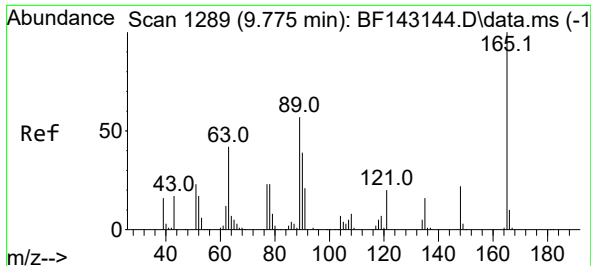
Tgt Ion:152 Resp: 559107
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 43.991 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:163 Resp: 370651
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.2 8.3 12.5

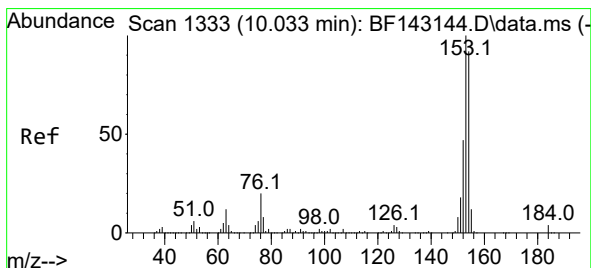
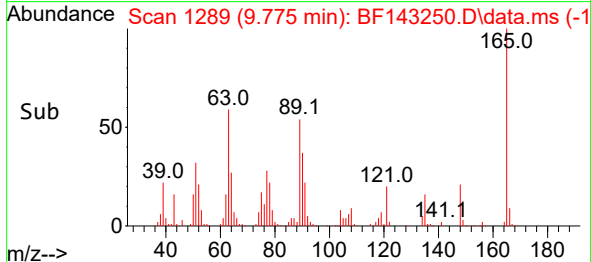
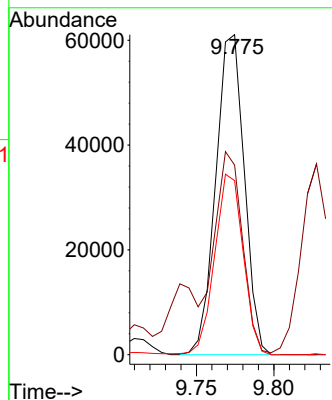
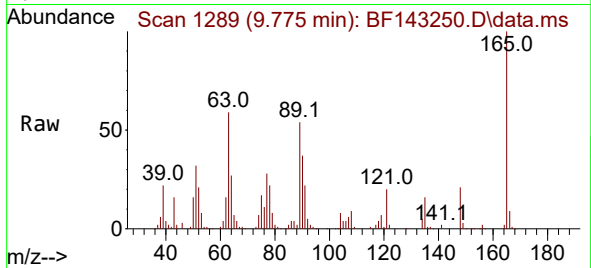




#51
2,6-Dinitrotoluene
Concen: 45.724 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

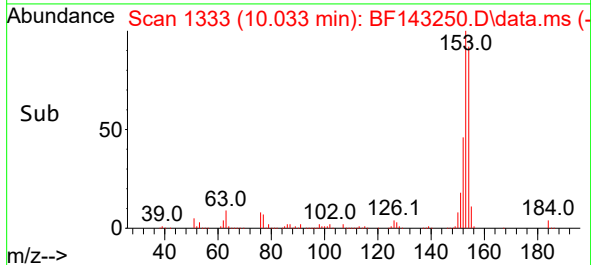
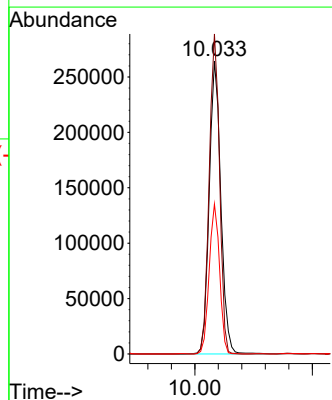
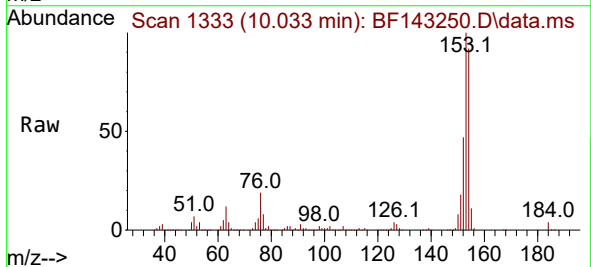
Instrument :
BNA_F
ClientSampleId :
TP-14MS

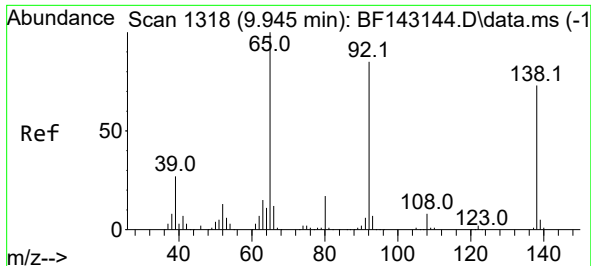
Tgt Ion:165 Resp: 78371
Ion Ratio Lower Upper
165 100
63 59.2 49.4 74.2
89 54.4 46.2 69.2



#52
Acenaphthene
Concen: 49.196 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:154 Resp: 363621
Ion Ratio Lower Upper
154 100
153 109.2 86.6 129.8
152 51.2 40.4 60.6

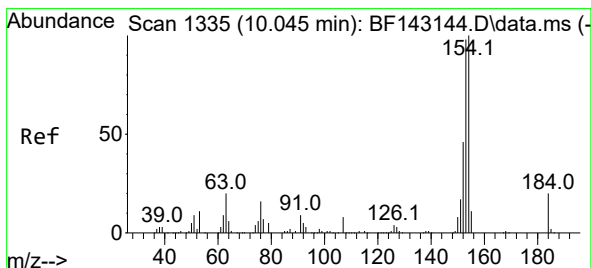
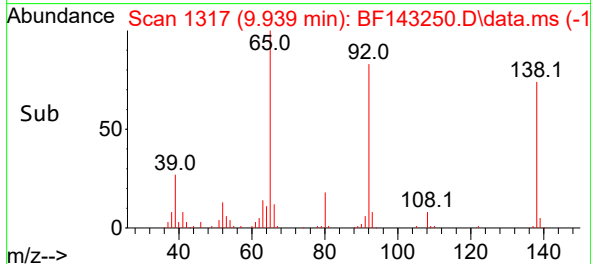
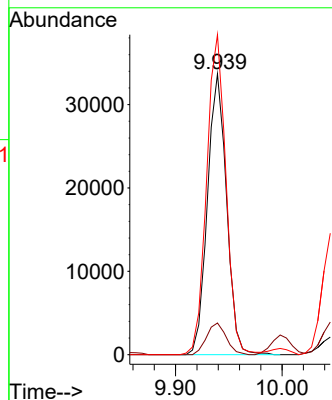
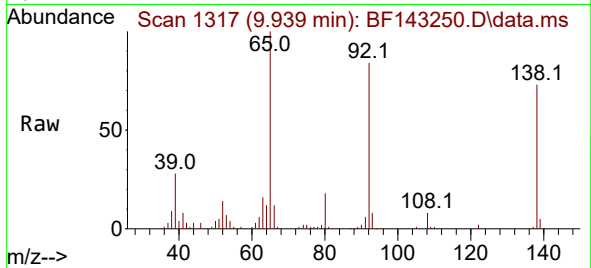




#53
3-Nitroaniline
Concen: 20.949 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

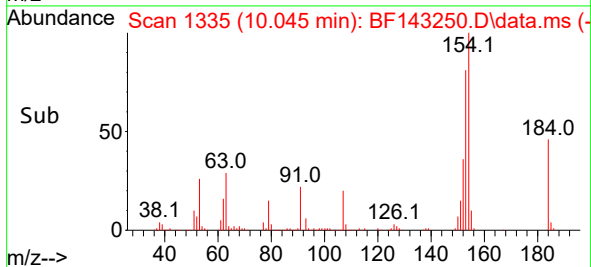
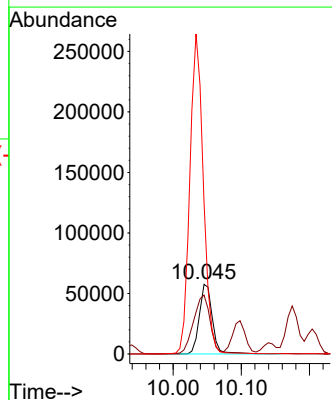
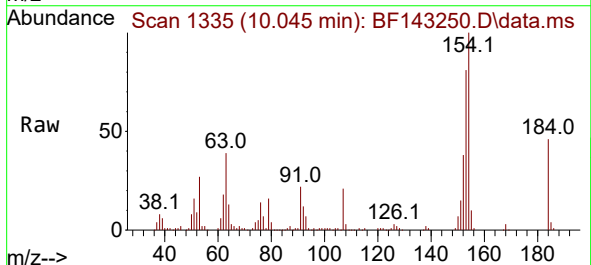
Instrument :
BNA_F
ClientSampleId :
TP-14MS

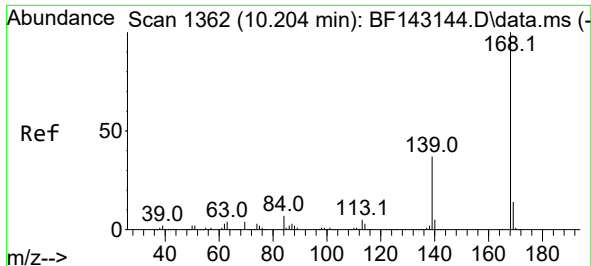
Tgt Ion:138 Resp: 41998
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.6
92 114.0 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 97.436 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:184 Resp: 76922
Ion Ratio Lower Upper
184 100
63 84.5 81.8 122.6
154 217.7 412.2 618.4#

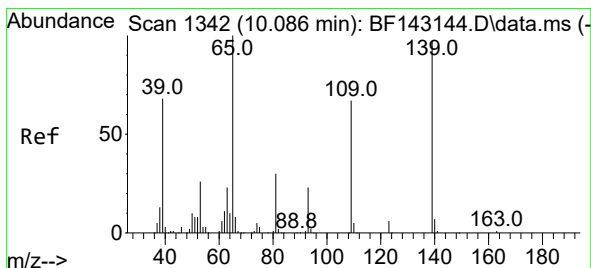
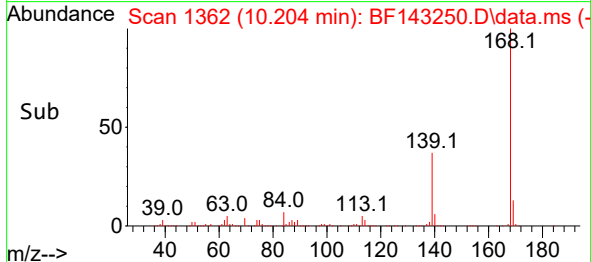
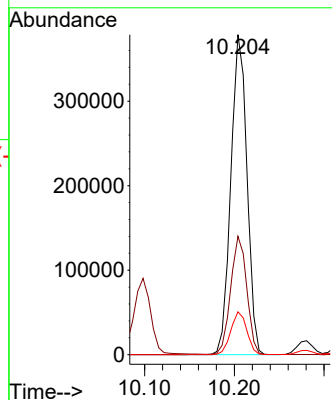
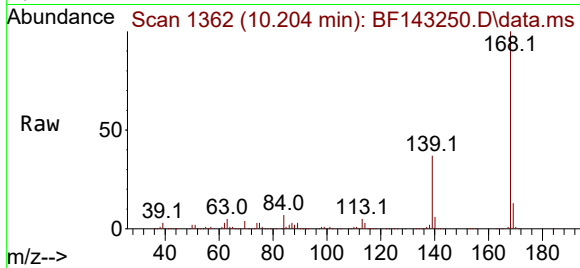




#55
Dibenzenofuran
Concen: 43.050 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

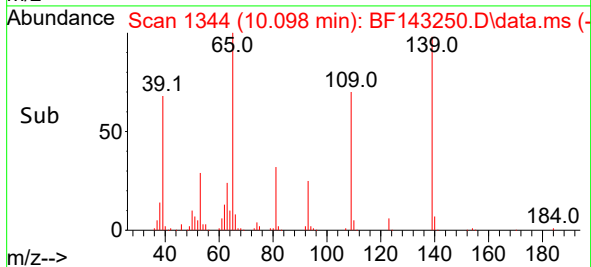
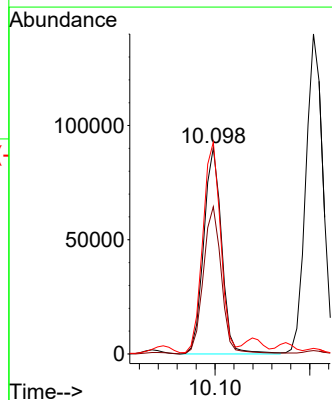
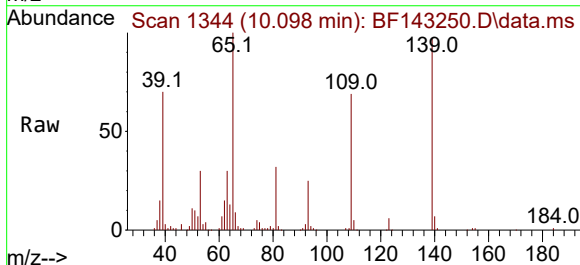
Instrument :
BNA_F
ClientSampleId :
TP-14MS

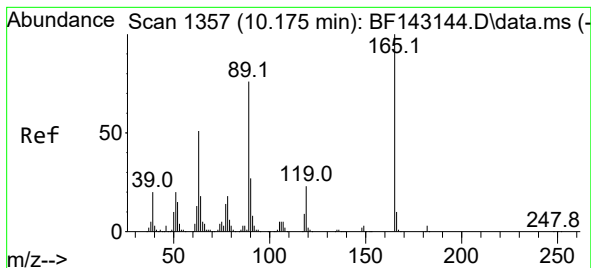
Tgt Ion:168 Resp: 472415
Ion Ratio Lower Upper
168 100
139 37.0 29.5 44.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 79.410 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:139 Resp: 118883
Ion Ratio Lower Upper
139 100
109 71.4 48.5 88.5
65 102.7 83.4 123.4

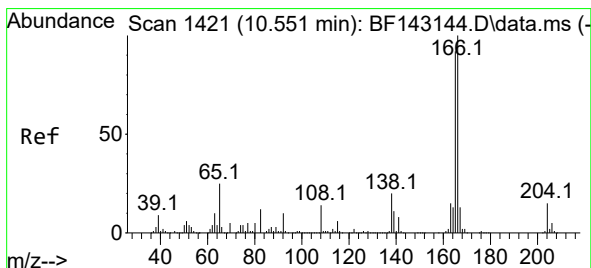
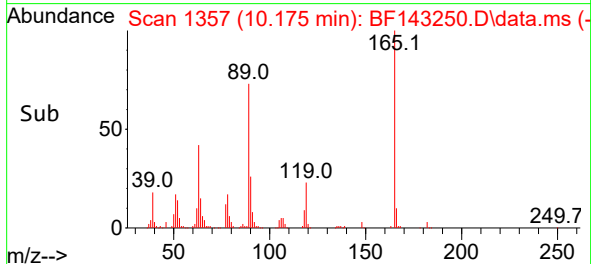
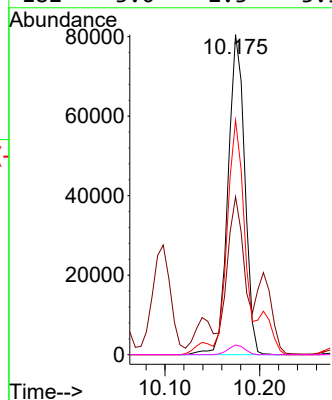
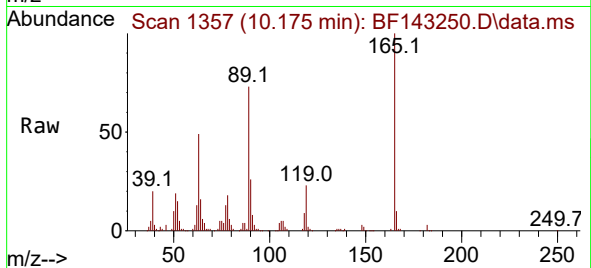




#57
2,4-Dinitrotoluene
Concen: 46.069 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

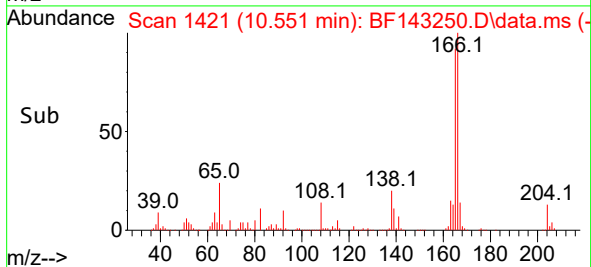
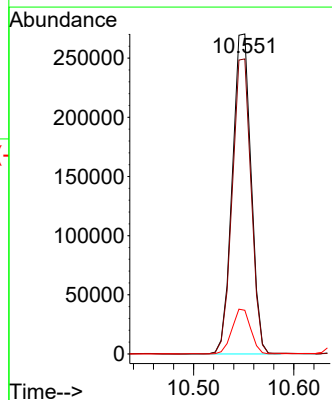
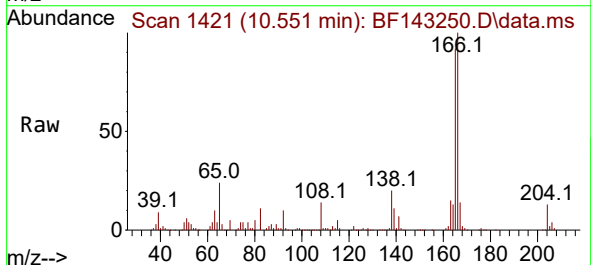
Instrument :
BNA_F
ClientSampleId :
TP-14MS

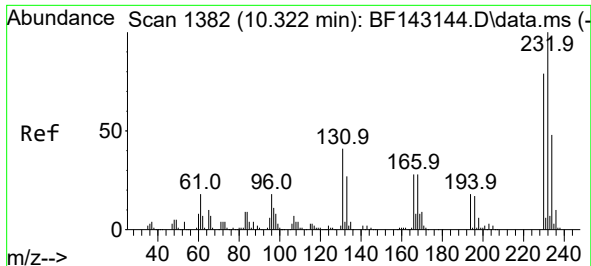
Tgt Ion:165 Resp: 99068
Ion Ratio Lower Upper
165 100
63 49.4 41.0 61.4
89 73.3 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 42.883 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:166 Resp: 353182
Ion Ratio Lower Upper
166 100
165 92.2 73.7 110.5
167 13.6 10.6 16.0



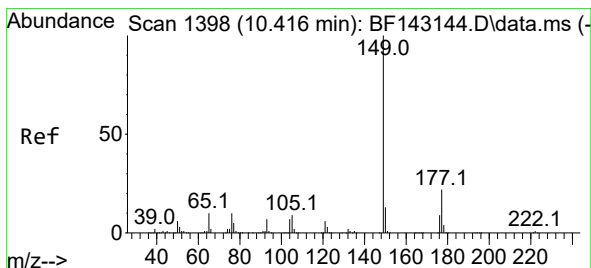
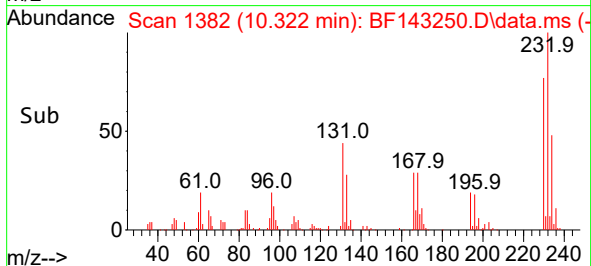
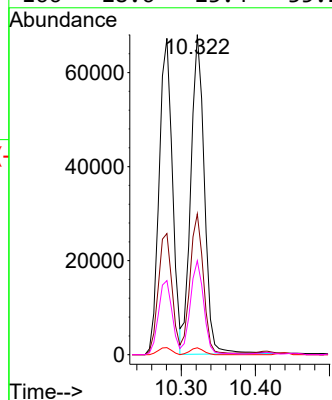
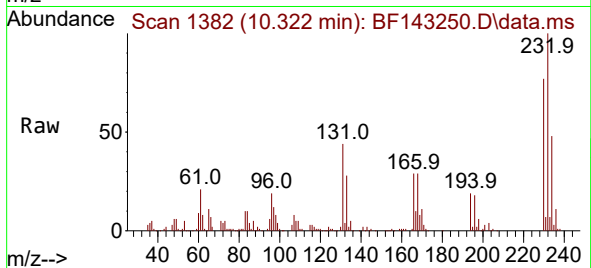


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.355 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:232 Resp: 86366

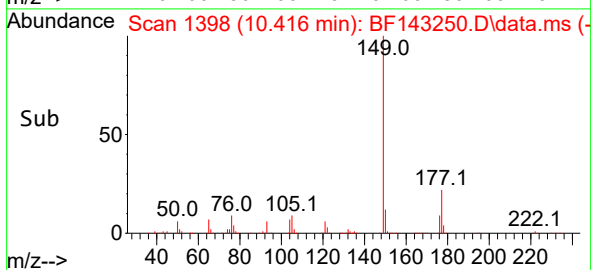
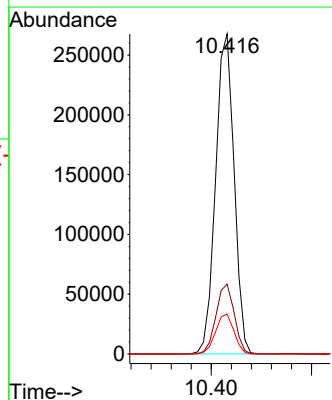
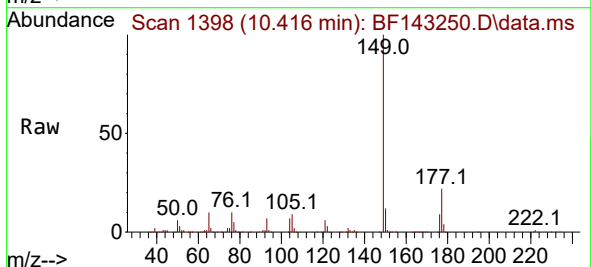
Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.3	52.9
130	2.1	1.7	2.5
166	28.6	23.4	35.2

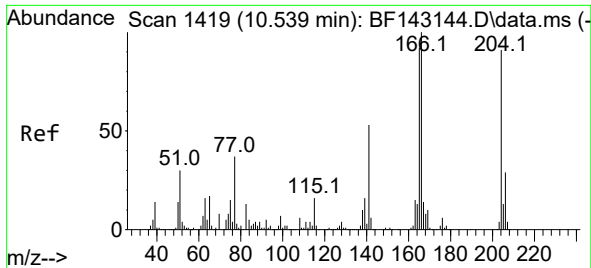


#60
Diethylphthalate
Concen: 41.146 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:149 Resp: 342657

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	12.4	10.2	15.2

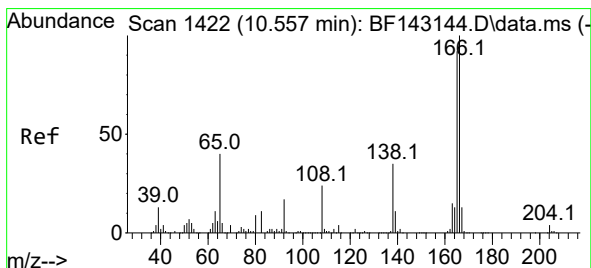
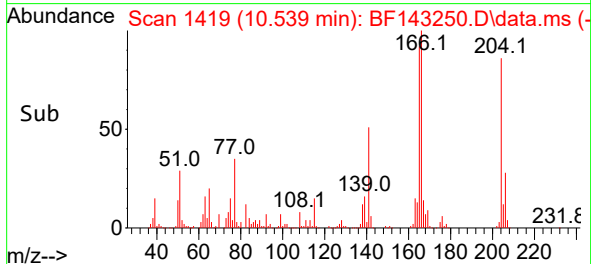
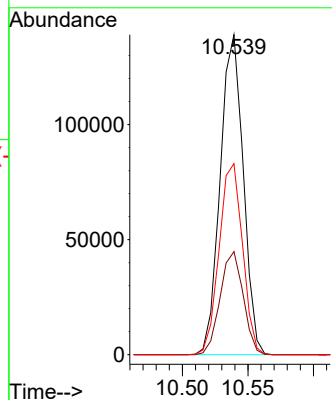
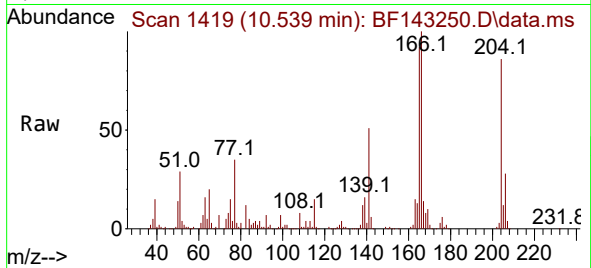




#61
4-Chlorophenyl-phenylether
Concen: 41.434 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

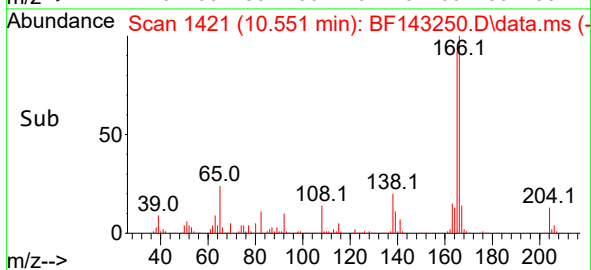
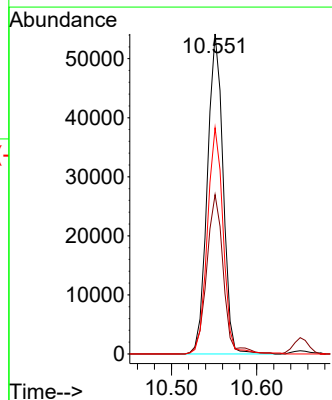
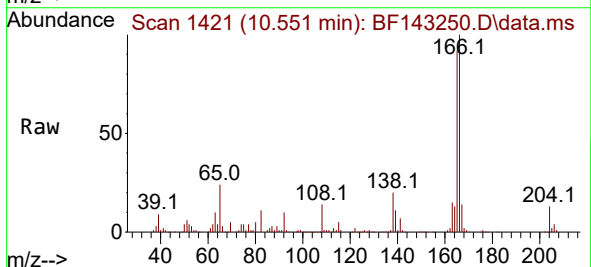
Instrument :
BNA_F
ClientSampleId :
TP-14MS

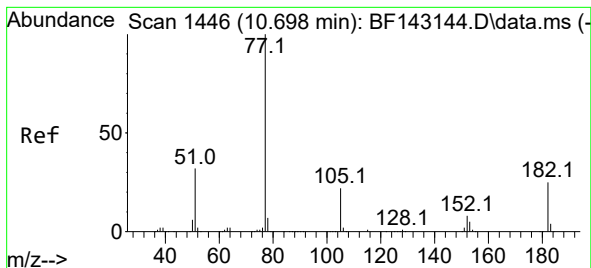
Tgt Ion:204 Resp: 169921
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 59.7 47.0 70.4



#62
4-Nitroaniline
Concen: 40.466 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:138 Resp: 69530
Ion Ratio Lower Upper
138 100
92 49.8 29.3 69.3
108 70.7 48.3 88.3





#63

Azobenzene

Concen: 44.266 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

Tgt Ion: 77 Resp: 384210

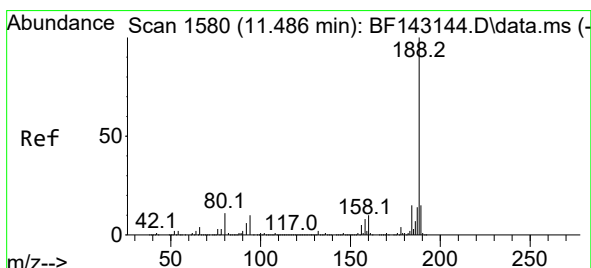
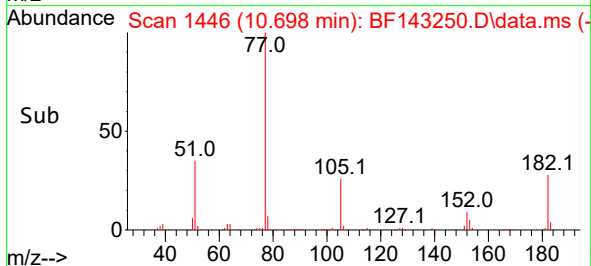
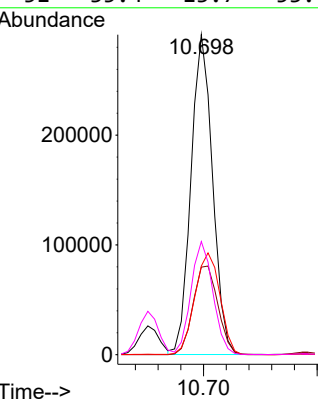
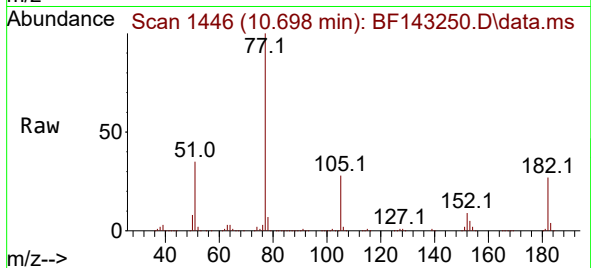
Ion Ratio Lower Upper

77 100

182 27.3 4.6 44.6

105 27.7 1.4 41.4

51 35.4 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

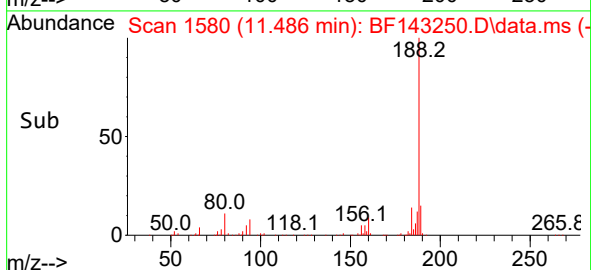
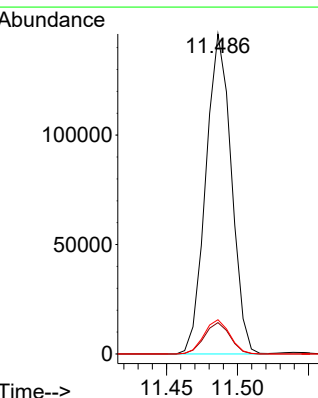
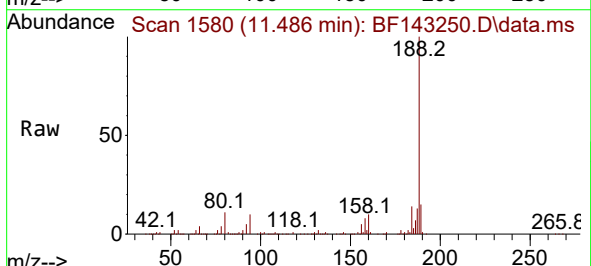
Tgt Ion:188 Resp: 182575

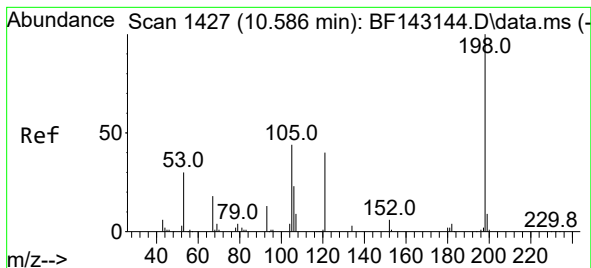
Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

80 10.7 9.0 13.6

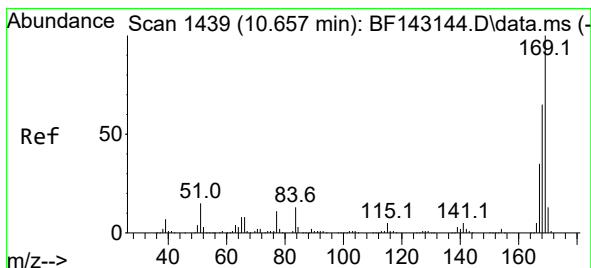
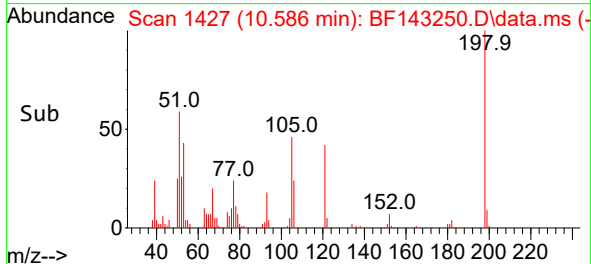
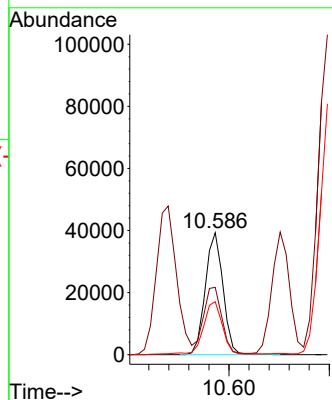
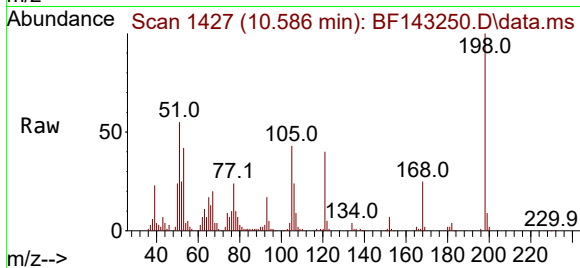




#65
4,6-Dinitro-2-methylphenol
Concen: 50.224 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

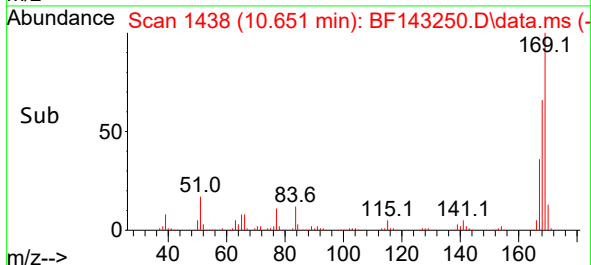
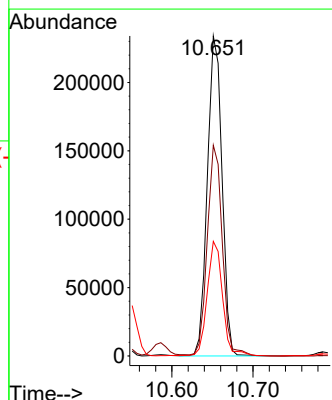
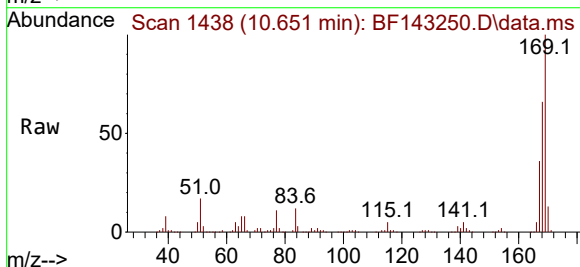
Instrument :
BNA_F
ClientSampleId :
TP-14MS

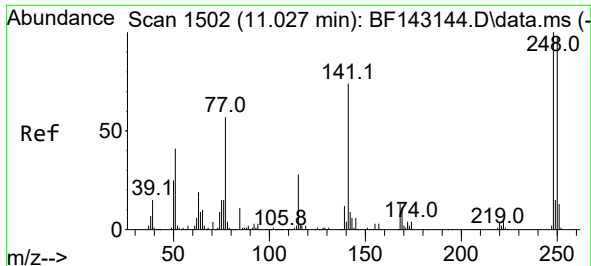
Tgt Ion:198 Resp: 48341
Ion Ratio Lower Upper
198 100
51 55.2 37.2 77.2
105 43.4 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 45.553 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:169 Resp: 292863
Ion Ratio Lower Upper
169 100
168 65.9 52.1 78.1
167 35.8 28.2 42.2

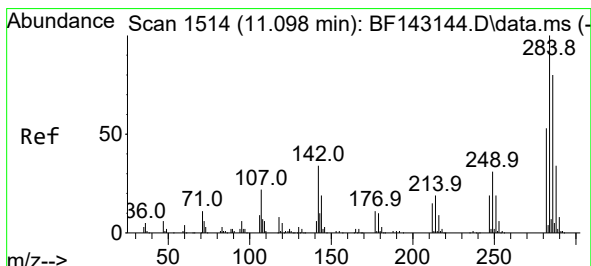
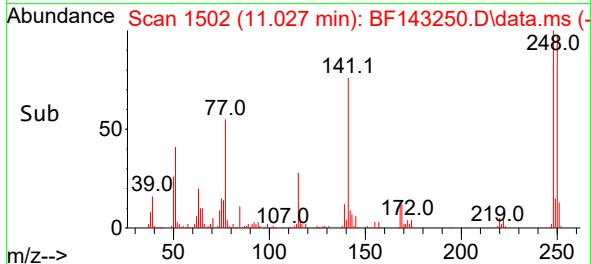
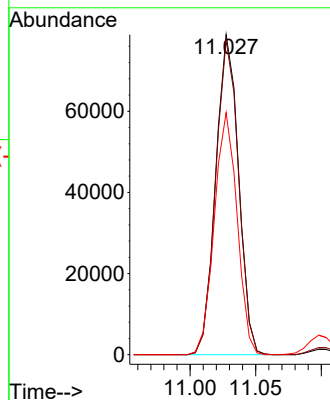
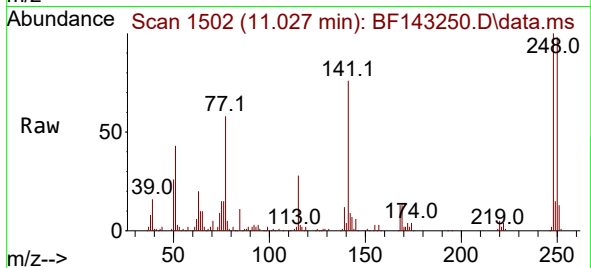




#67
4-Bromophenyl-phenylether
Concen: 43.938 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

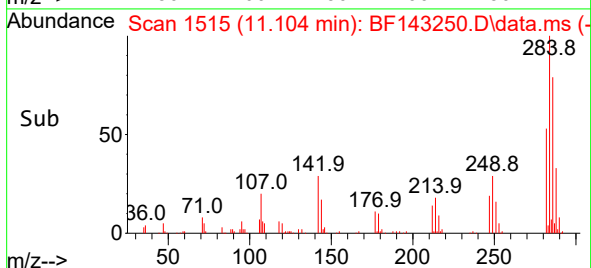
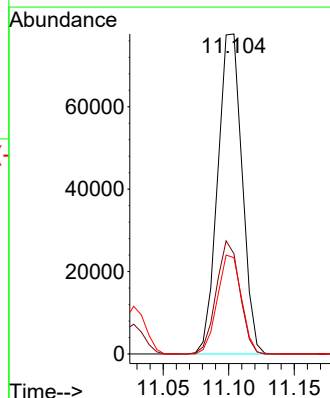
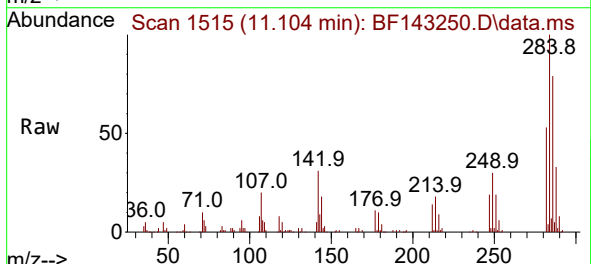
Instrument :
BNA_F
ClientSampleId :
TP-14MS

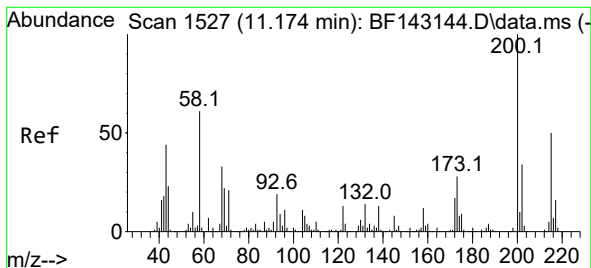
Tgt Ion:248 Resp: 95600
Ion Ratio Lower Upper
248 100
250 98.3 78.3 117.5
141 75.6 59.2 88.8



#68
Hexachlorobenzene
Concen: 44.134 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:284 Resp: 100368
Ion Ratio Lower Upper
284 100
142 31.3 27.0 40.6
249 30.1 25.0 37.6





#69

Atrazine

Concen: 45.678 ng

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

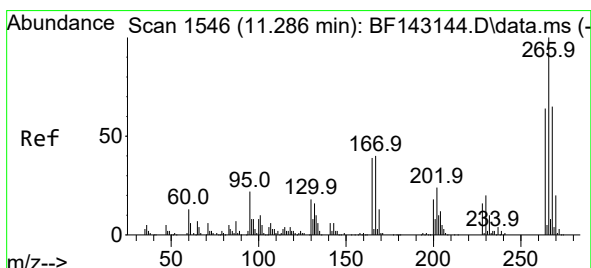
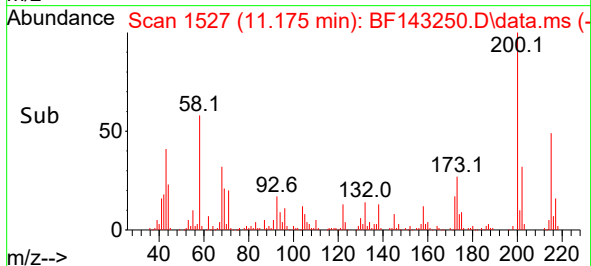
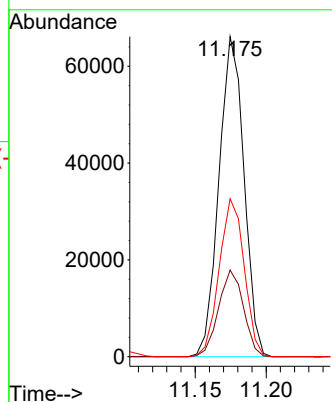
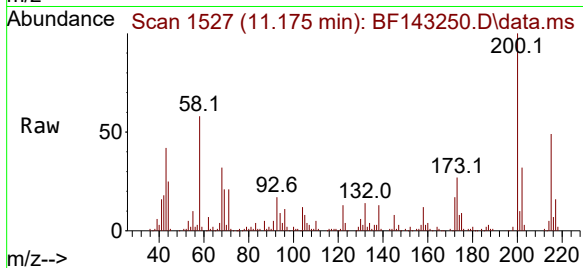
Tgt Ion:200 Resp: 80961

Ion Ratio Lower Upper

200 100

173 27.0 7.9 47.9

215 49.4 30.1 70.1



#70

Pentachlorophenol

Concen: 83.316 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

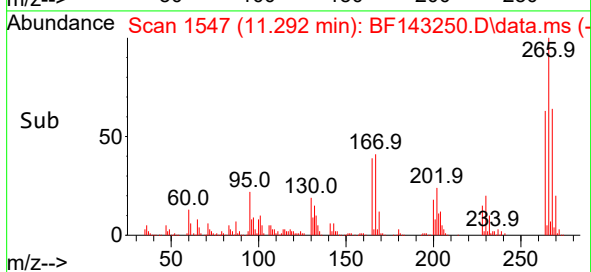
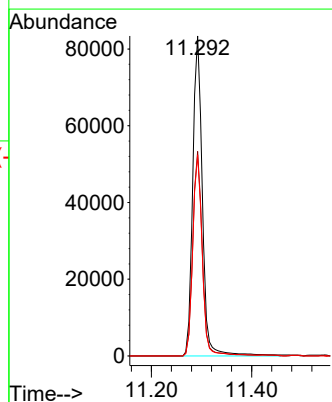
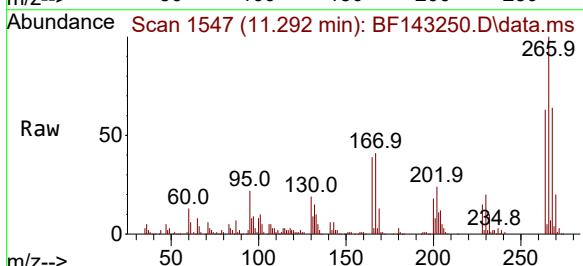
Tgt Ion:266 Resp: 111427

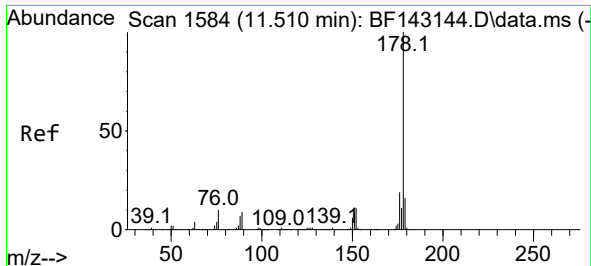
Ion Ratio Lower Upper

266 100

268 63.9 51.9 77.9

264 62.9 51.0 76.6

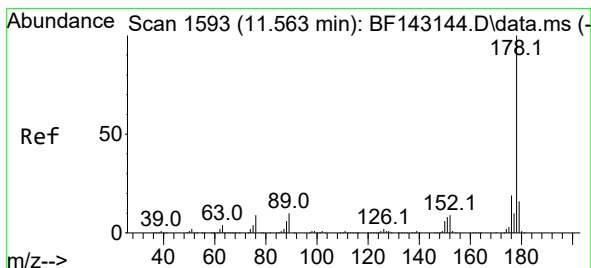
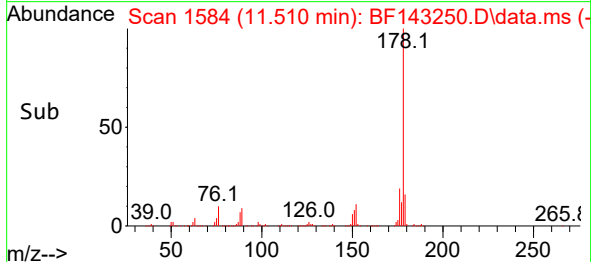
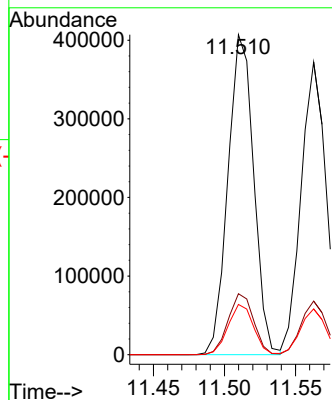
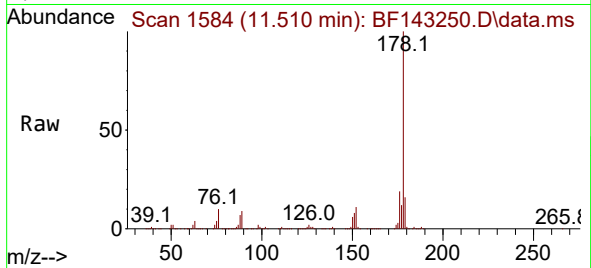




#71
Phenanthrene
Concen: 52.906 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

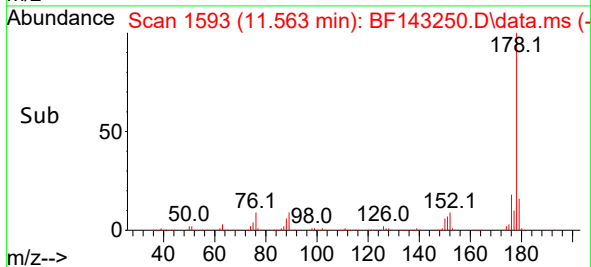
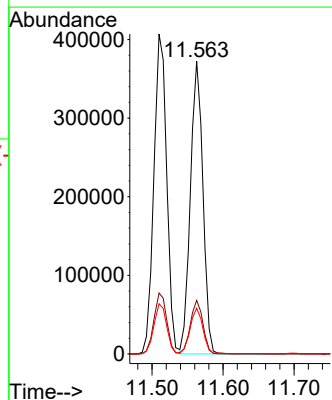
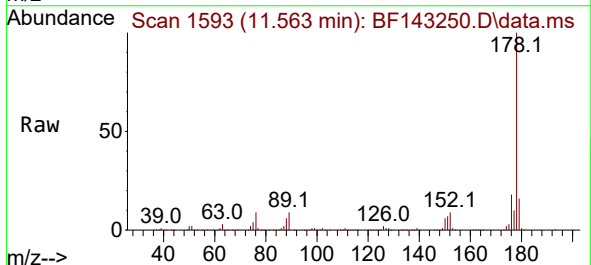
Instrument :
BNA_F
ClientSampleId :
TP-14MS

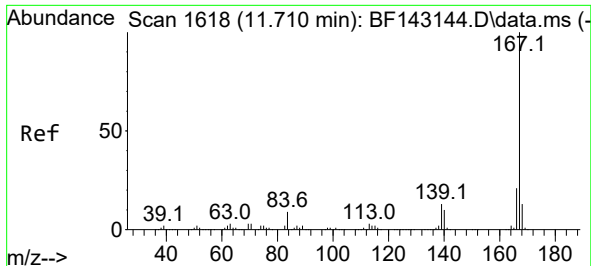
Tgt Ion:178 Resp: 512879
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.7 12.5 18.7



#72
Anthracene
Concen: 46.103 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

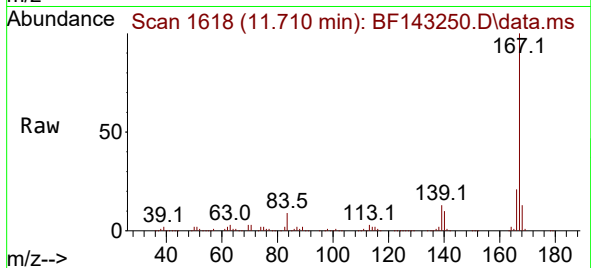
Tgt Ion:178 Resp: 455822
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.7 12.5 18.7



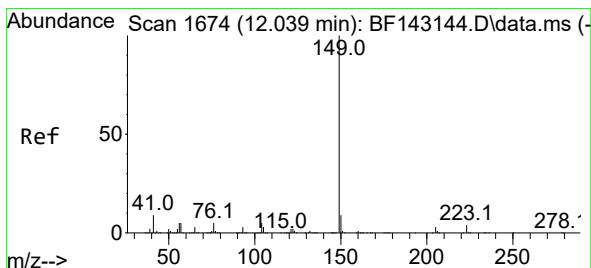
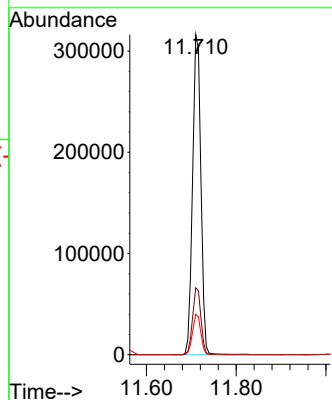
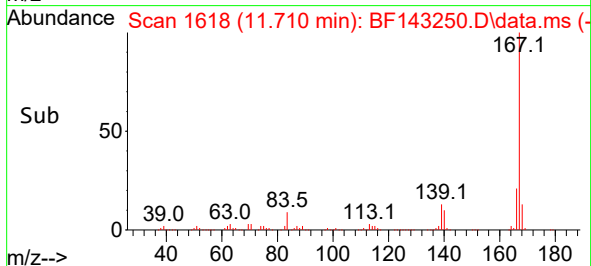


#73
 Carbazole
 Concen: 47.203 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143250.D
 Acq: 25 Jul 2025 14:48

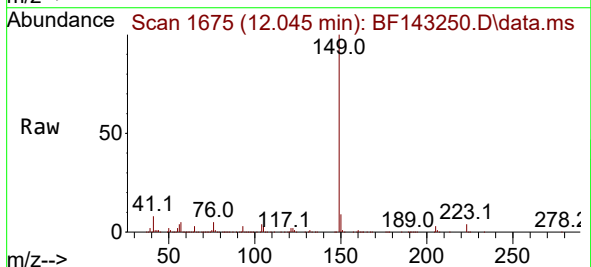
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS



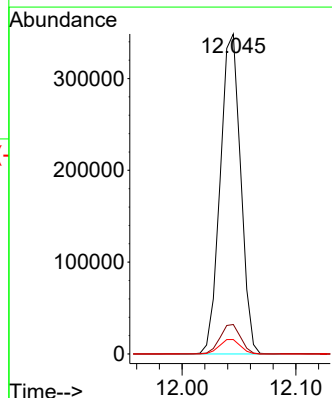
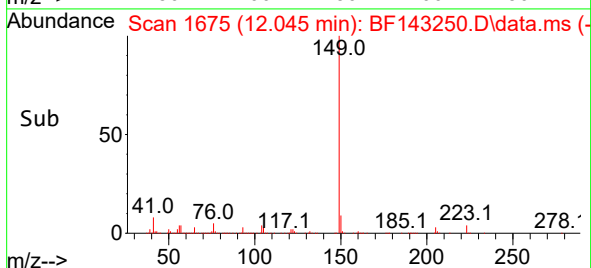
Tgt Ion:167 Resp: 407516
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 12.6 10.0 15.0

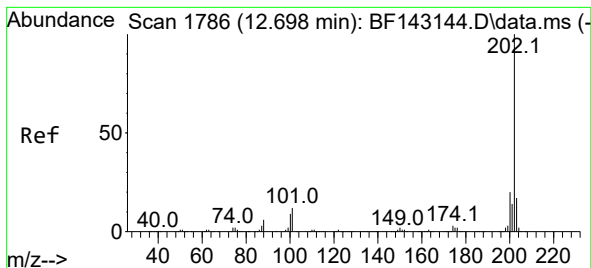


#74
 Di-n-butylphthalate
 Concen: 44.651 ng
 RT: 12.045 min Scan# 1675
 Delta R.T. 0.006 min
 Lab File: BF143250.D
 Acq: 25 Jul 2025 14:48



Tgt Ion:149 Resp: 436178
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.5 3.8 5.8

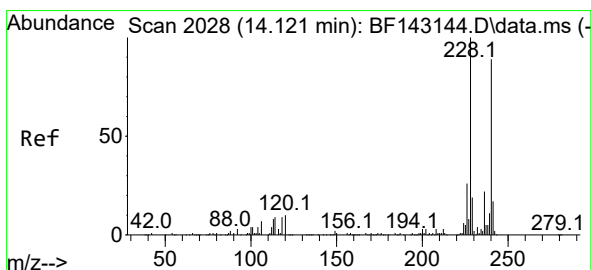
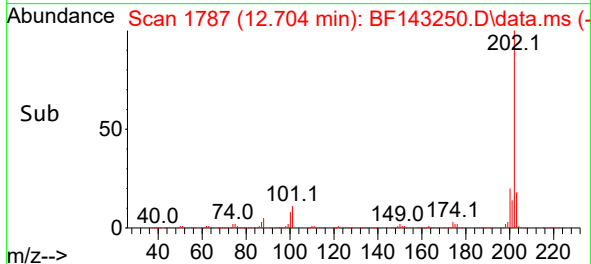
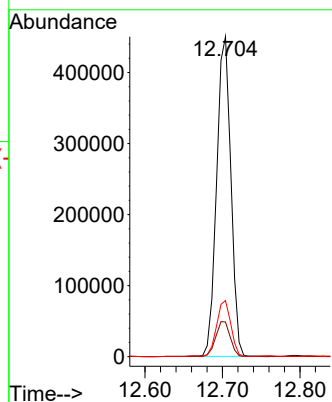
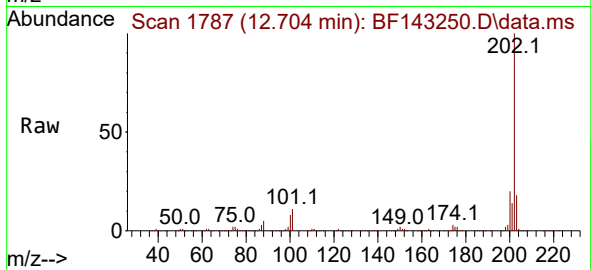




#75
Fluoranthene
Concen: 64.794 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

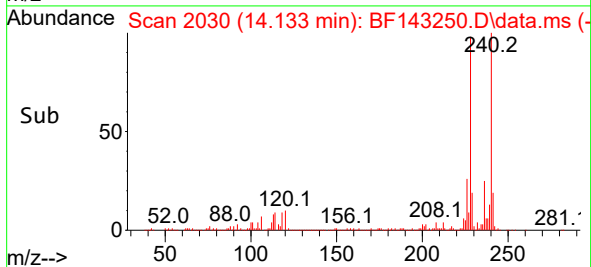
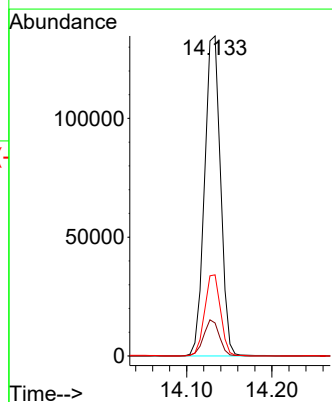
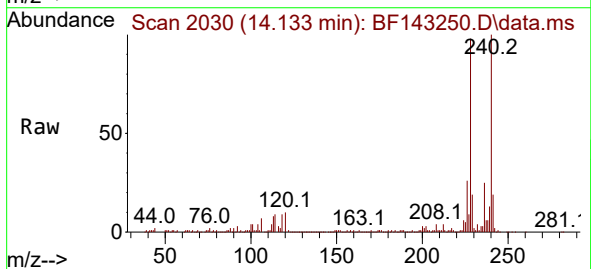
Instrument :
BNA_F
ClientSampleId :
TP-14MS

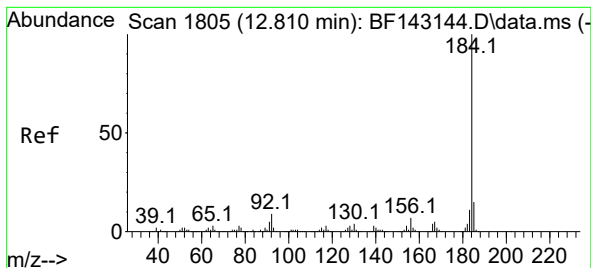
Tgt Ion:202 Resp: 576537
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.7
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:240 Resp: 175423
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 25.4 20.2 30.4





#77

Benzidine

Concen: 25.121 ng

RT: 12.816 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

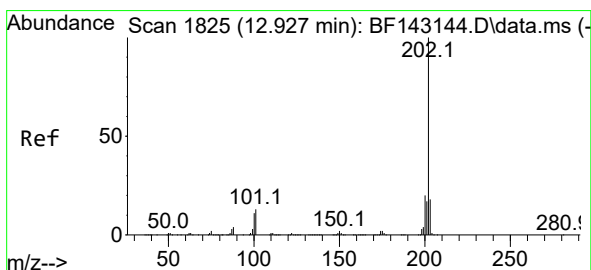
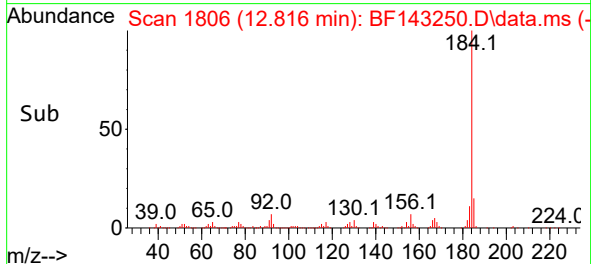
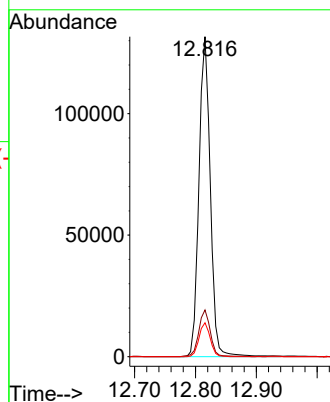
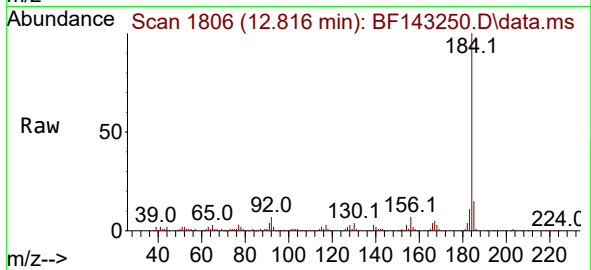
Tgt Ion:184 Resp: 169785

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

183 10.6 9.0 13.4



#78

Pyrene

Concen: 39.091 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

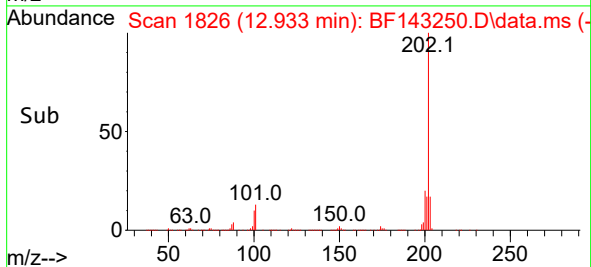
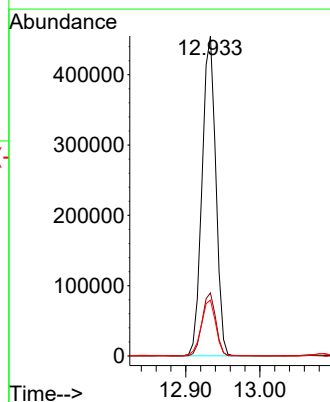
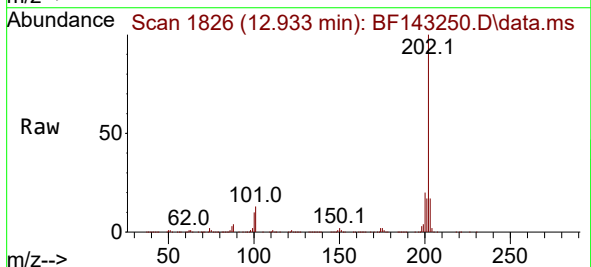
Tgt Ion:202 Resp: 585240

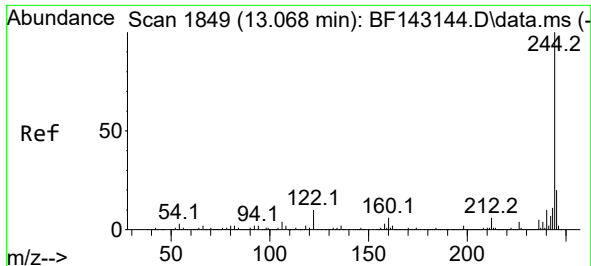
Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

203 17.5 14.2 21.2

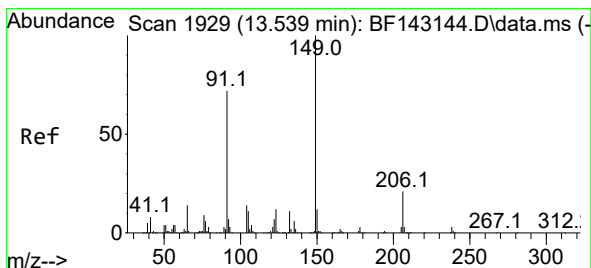
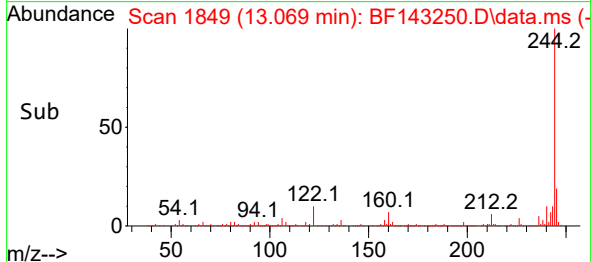
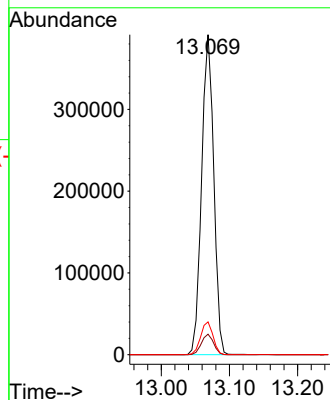
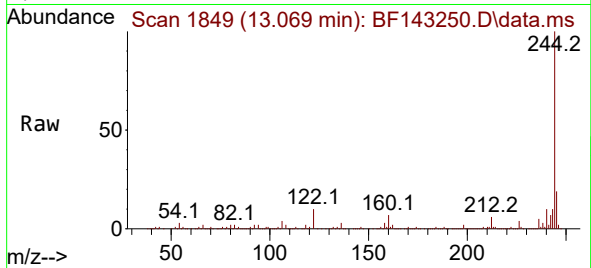




#79
 Terphenyl-d14
 Concen: 41.052 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143250.D
 Acq: 25 Jul 2025 14:48

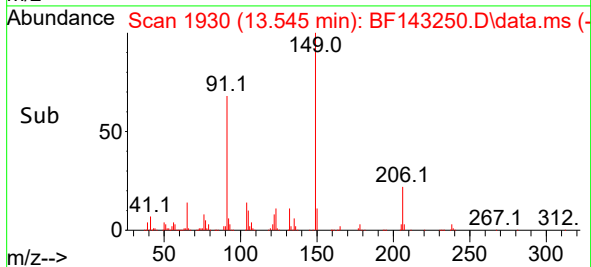
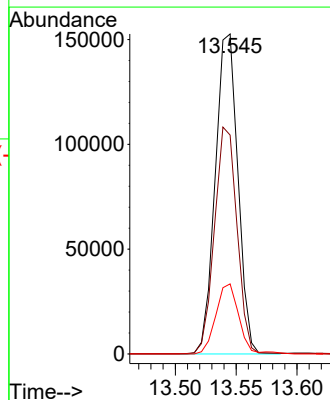
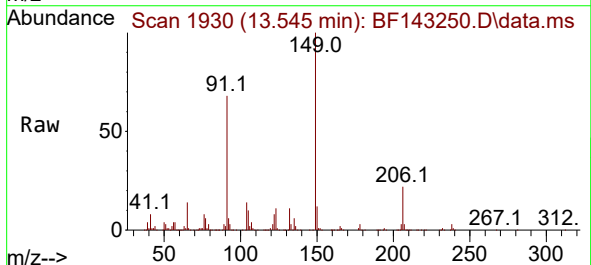
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

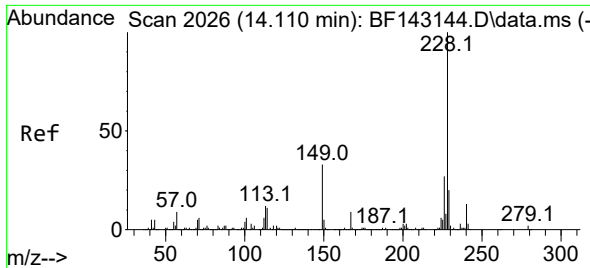
Tgt Ion:244 Resp: 483935
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 43.125 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. 0.006 min
 Lab File: BF143250.D
 Acq: 25 Jul 2025 14:48

Tgt Ion:149 Resp: 197706
 Ion Ratio Lower Upper
 149 100
 91 68.4 57.9 86.9
 206 21.9 17.0 25.4

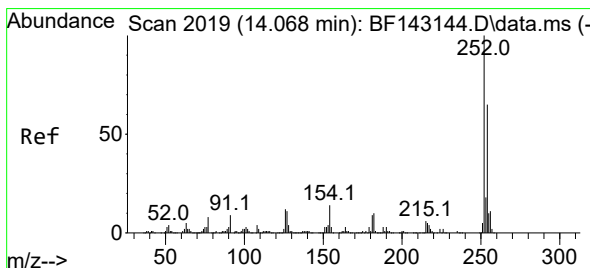
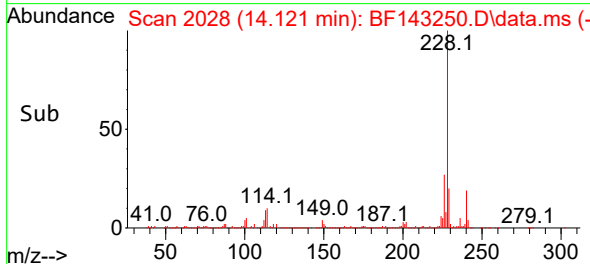
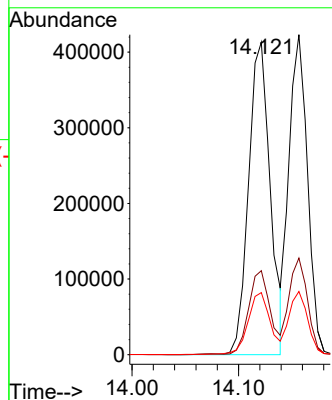
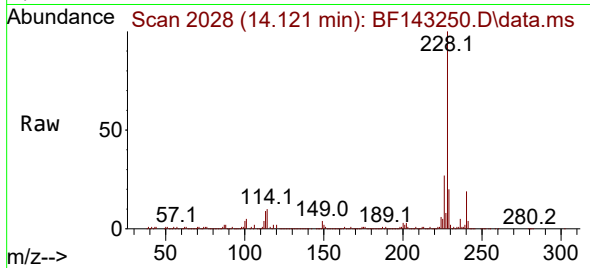




#81
Benzo(a)anthracene
Concen: 49.840 ng
RT: 14.121 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

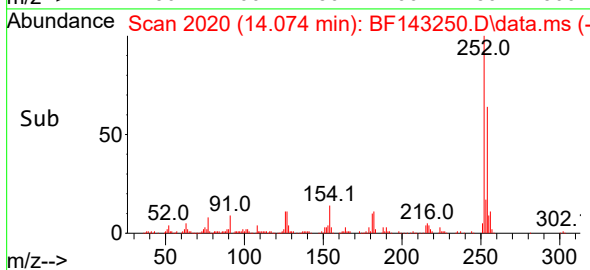
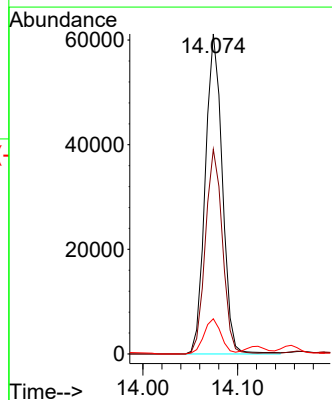
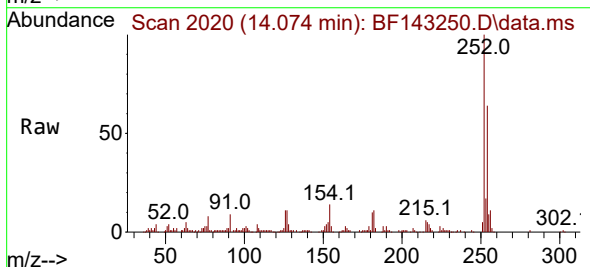
Instrument :
BNA_F
ClientSampleId :
TP-14MS

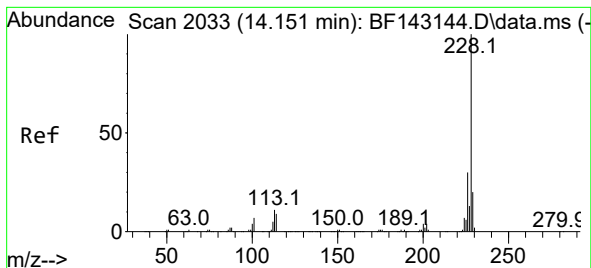
Tgt Ion:228 Resp: 585348
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 19.536 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:252 Resp: 76470
Ion Ratio Lower Upper
252 100
254 64.0 51.7 77.5
126 11.0 9.4 14.0





#83

Chrysene

Concen: 48.283 ng

RT: 14.157 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

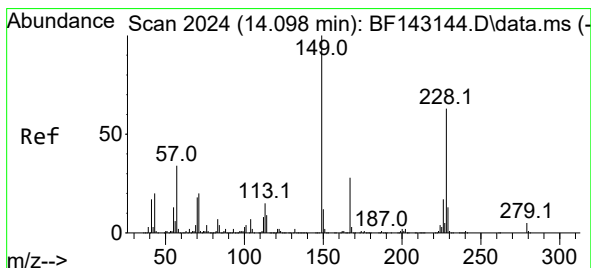
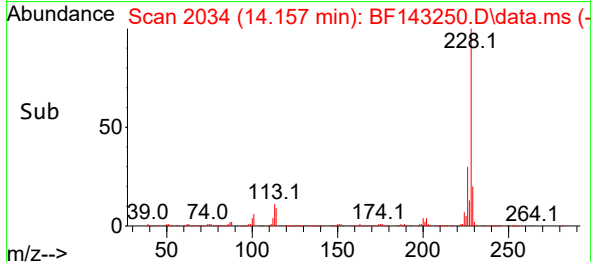
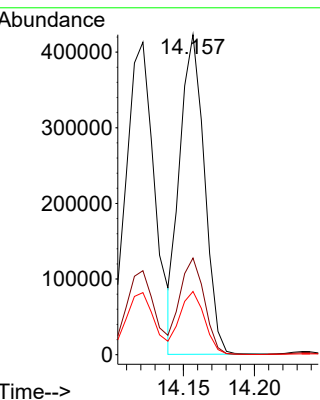
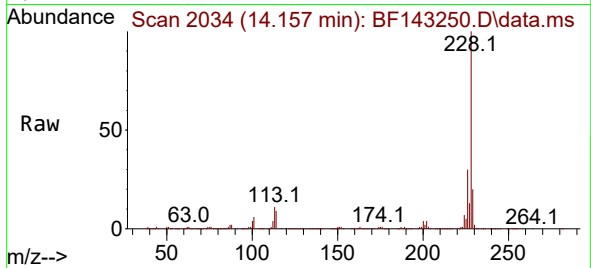
Tgt Ion:228 Resp: 509845

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.073 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

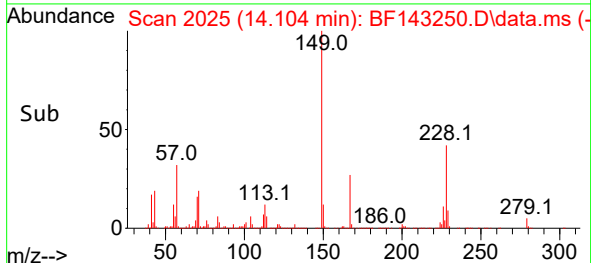
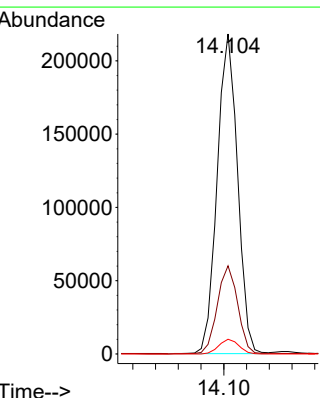
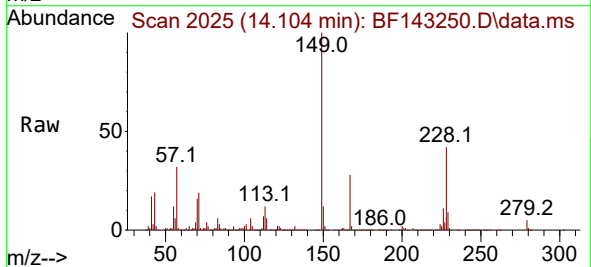
Tgt Ion:149 Resp: 271125

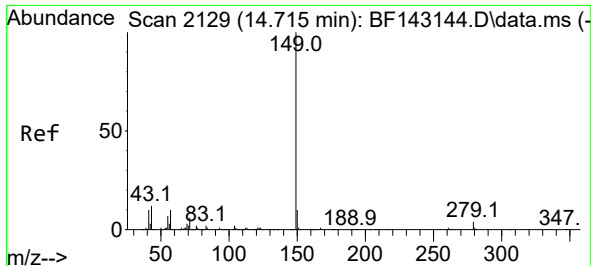
Ion Ratio Lower Upper

149 100

167 27.5 22.3 33.5

279 4.6 3.6 5.4

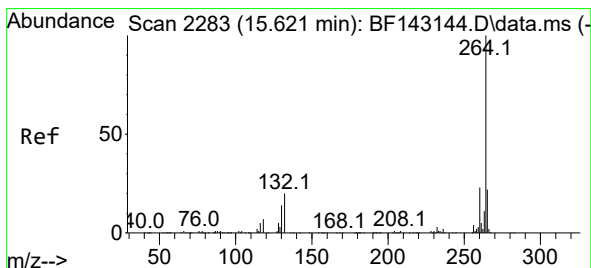
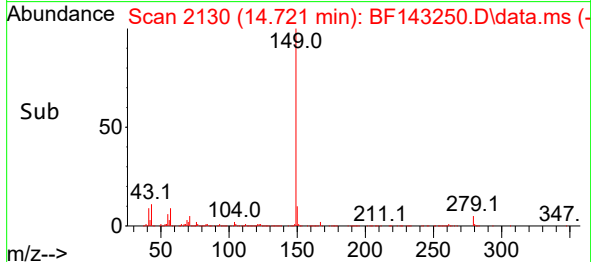
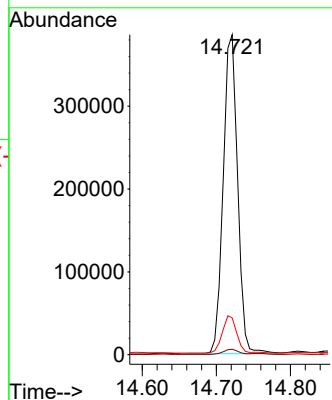
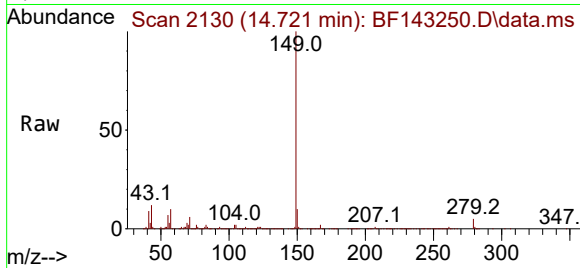




#85
Di-n-octyl phthalate
Concen: 41.370 ng
RT: 14.721 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

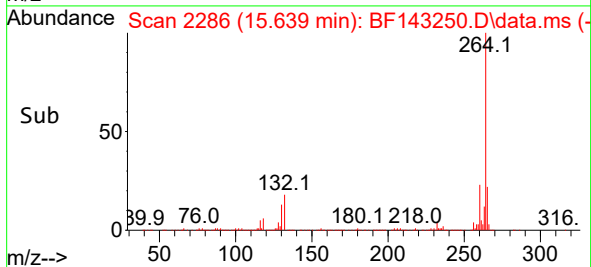
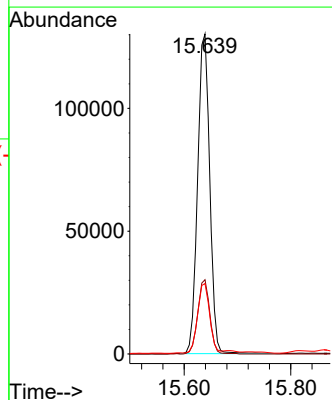
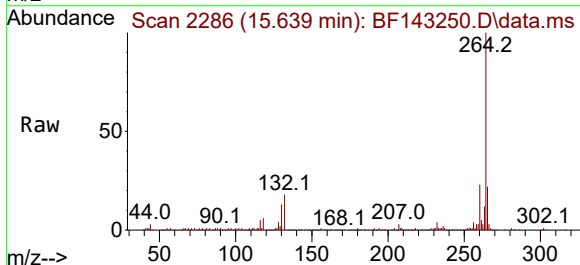
Instrument :
BNA_F
ClientSampleId :
TP-14MS

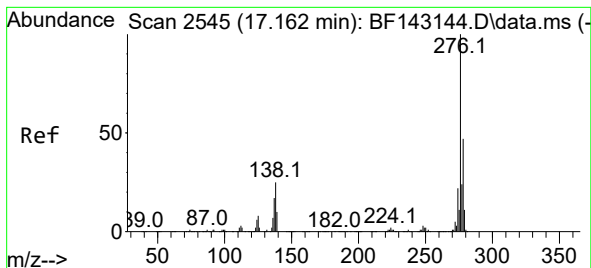
Tgt Ion:149 Resp: 520348
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.8 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.018 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:264 Resp: 204339
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.968 ng

RT: 17.180 min Scan# 2110

Delta R.T. 0.018 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

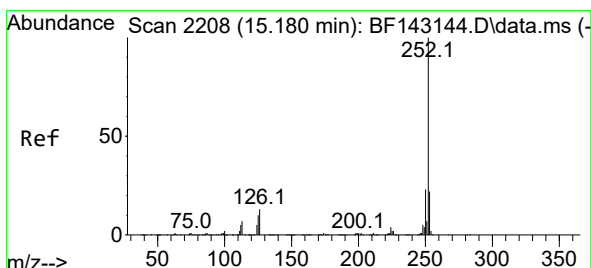
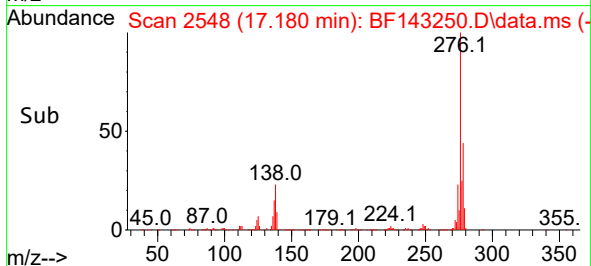
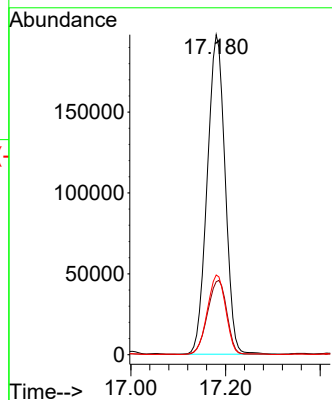
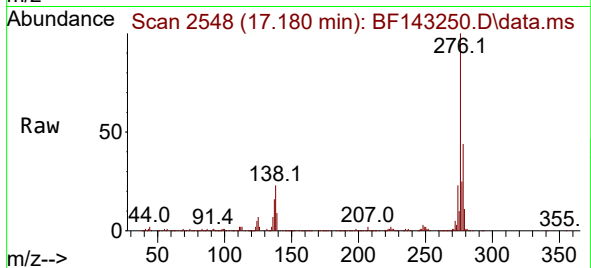
Tgt Ion:276 Resp: 518254

Ion Ratio Lower Upper

276 100

138 24.9 21.8 32.6

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 53.194 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

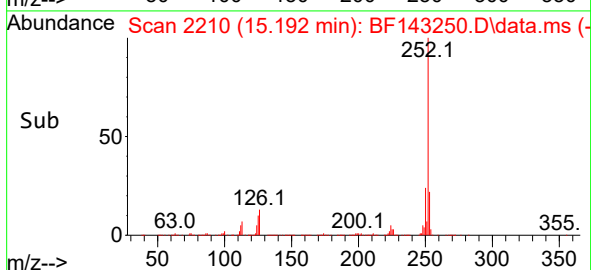
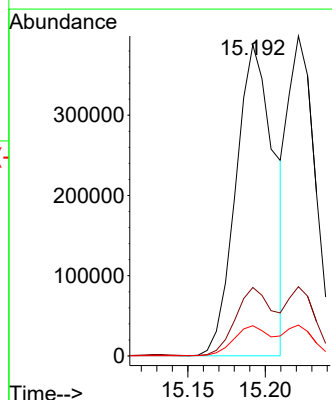
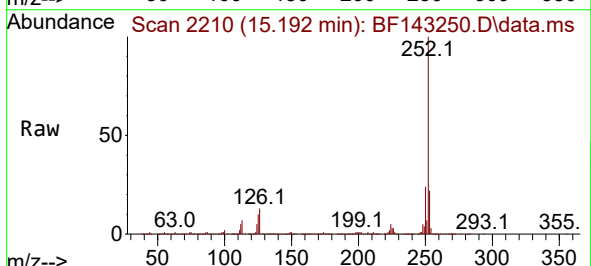
Tgt Ion:252 Resp: 664037

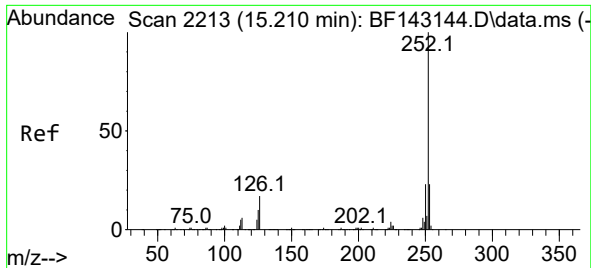
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.7 8.0 12.0

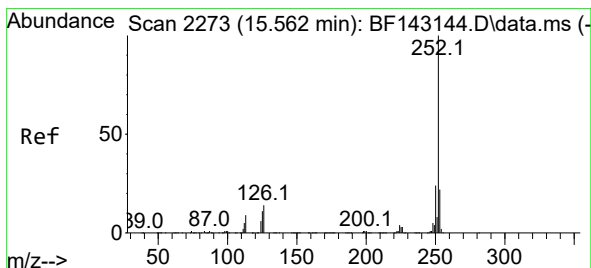
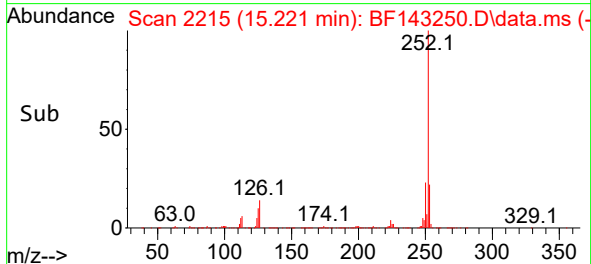
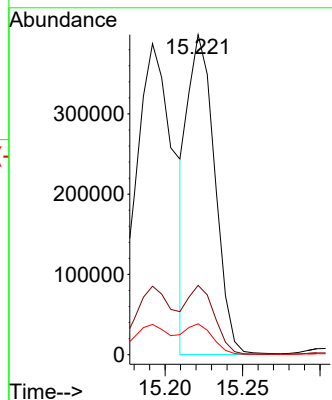
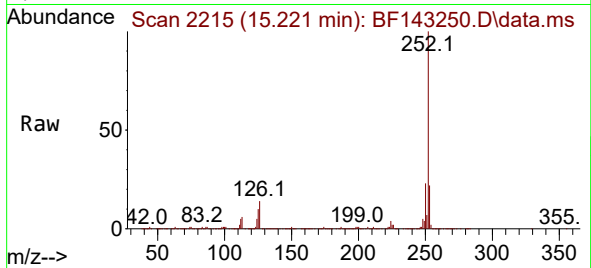




#89
Benzo(k)fluoranthene
Concen: 43.572 ng
RT: 15.221 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

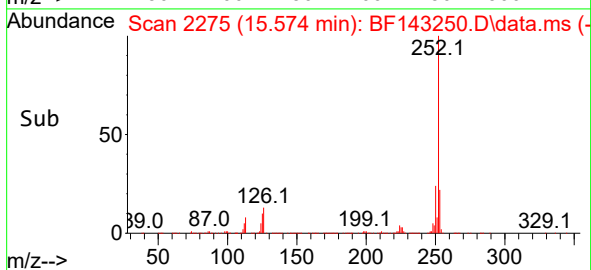
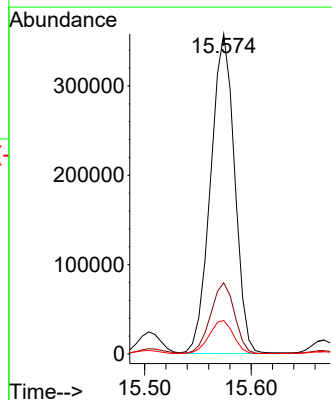
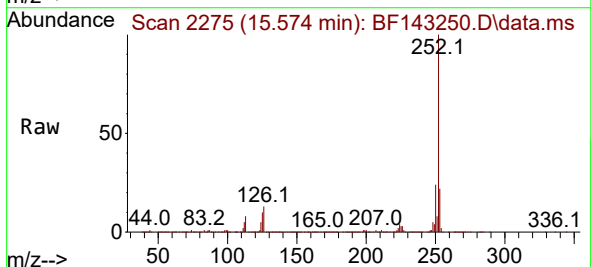
Instrument :
BNA_F
ClientSampleId :
TP-14MS

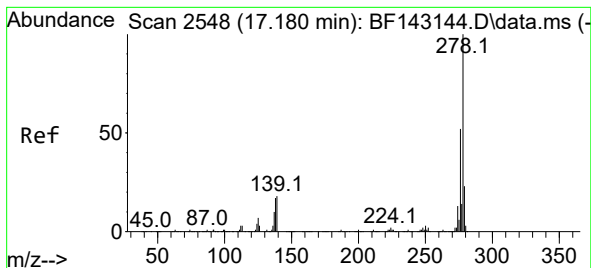
Tgt Ion:252 Resp: 485368
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 9.7 8.1 12.1



#90
Benzo(a)pyrene
Concen: 48.635 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143250.D
Acq: 25 Jul 2025 14:48

Tgt Ion:252 Resp: 559371
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 35.232 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

TP-14MS

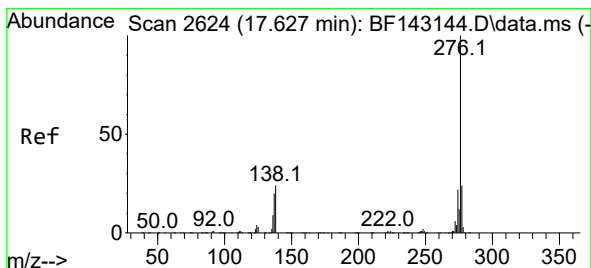
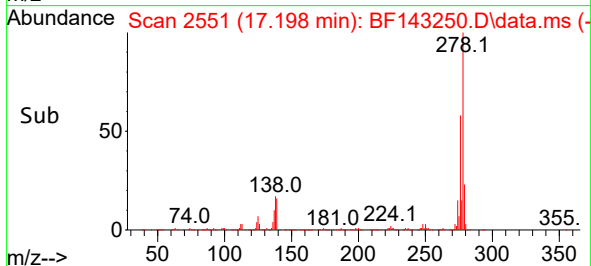
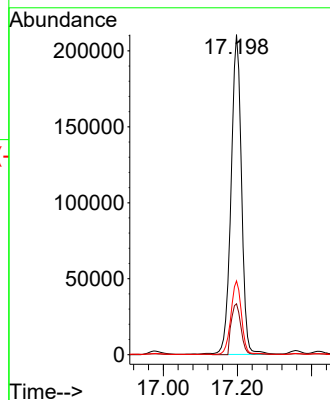
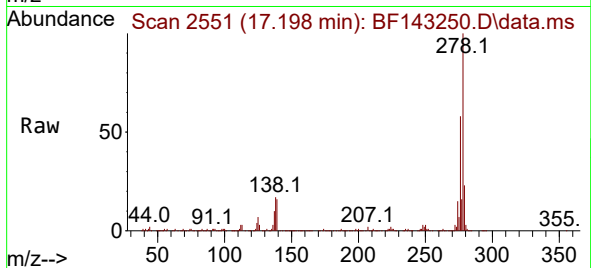
Tgt Ion:278 Resp: 413192

Ion Ratio Lower Upper

278 100

139 15.9 14.1 21.1

279 23.0 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 34.823 ng

RT: 17.645 min Scan# 2627

Delta R.T. 0.018 min

Lab File: BF143250.D

Acq: 25 Jul 2025 14:48

Tgt Ion:276 Resp: 395053

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 21.8 18.9 28.3

