

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
 Data File : BF143935.D
 Acq On : 13 Oct 2025 16:33
 Operator : RC/JU
 Sample : Q3323-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED-04-0-2MS

Quant Time: Oct 13 17:21:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	107554	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	415656	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	216450	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	333679	20.000	ng	0.00
76) Chrysene-d12	14.063	240	222422	20.000	ng	0.00
86) Perylene-d12	15.551	264	297210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	526920	77.797	ng	0.00
7) Phenol-d6	6.504	99	628812	77.890	ng	-0.01
23) Nitrobenzene-d5	7.445	82	350641	51.252	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	148746	68.995	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	620021	45.452	ng	-0.01
79) Terphenyl-d14	13.004	244	479545	36.848	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	145623	46.463	ng	97
3) Pyridine	3.463	79	404088	44.288	ng	99
4) n-Nitrosodimethylamine	3.410	42	230157	47.952	ng	91
6) Aniline	6.545	93	409288	33.833	ng	99
8) 2-Chlorophenol	6.669	128	315099	47.594	ng	97
9) Benzaldehyde	6.434	77	184992	29.705	ng	99
10) Phenol	6.522	94	450834m	46.711	ng	
11) bis(2-Chloroethyl)ether	6.616	93	355331	47.659	ng	98
12) 1,3-Dichlorobenzene	6.822	146	367467	46.368	ng	99
13) 1,4-Dichlorobenzene	6.898	146	378849	48.463	ng	99
14) 1,2-Dichlorobenzene	7.051	146	365125	48.763	ng	99
15) Benzyl Alcohol	7.022	79	304593	50.356	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	828052	48.793	ng	99
17) 2-Methylphenol	7.134	107	263304	48.123	ng	98
18) Hexachloroethane	7.398	117	124956	47.930	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	245118	44.357	ng	99
20) 3+4-Methylphenols	7.287	107	291732	46.004	ng	# 72
22) Acetophenone	7.292	105	444439	50.569	ng	100
24) Nitrobenzene	7.463	77	371851	48.943	ng	99
25) Isophorone	7.704	82	665853	46.157	ng	98
26) 2-Nitrophenol	7.781	139	176974	54.331	ng	99
27) 2,4-Dimethylphenol	7.816	122	305284	52.101	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	429231	47.103	ng	100
29) 2,4-Dichlorophenol	8.022	162	284646	46.637	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	290682	48.426	ng	99
31) Naphthalene	8.186	128	876011	46.330	ng	100
32) Benzoic acid	7.928	122	219164	54.045	ng	98
33) 4-Chloroaniline	8.233	127	167106	23.565	ng	98
34) Hexachlorobutadiene	8.304	225	192458	46.140	ng	99
35) Caprolactam	8.604	113	92189	47.504	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	271057	46.233	ng	99
37) 2-Methylnaphthalene	8.881	142	513329	40.757	ng	96
38) 1-Methylnaphthalene	8.981	142	533256	43.649	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	309130	51.673	ng	98
41) Hexachlorocyclopentadiene	9.033	237	282083	113.659	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	206484	47.239	ng	96

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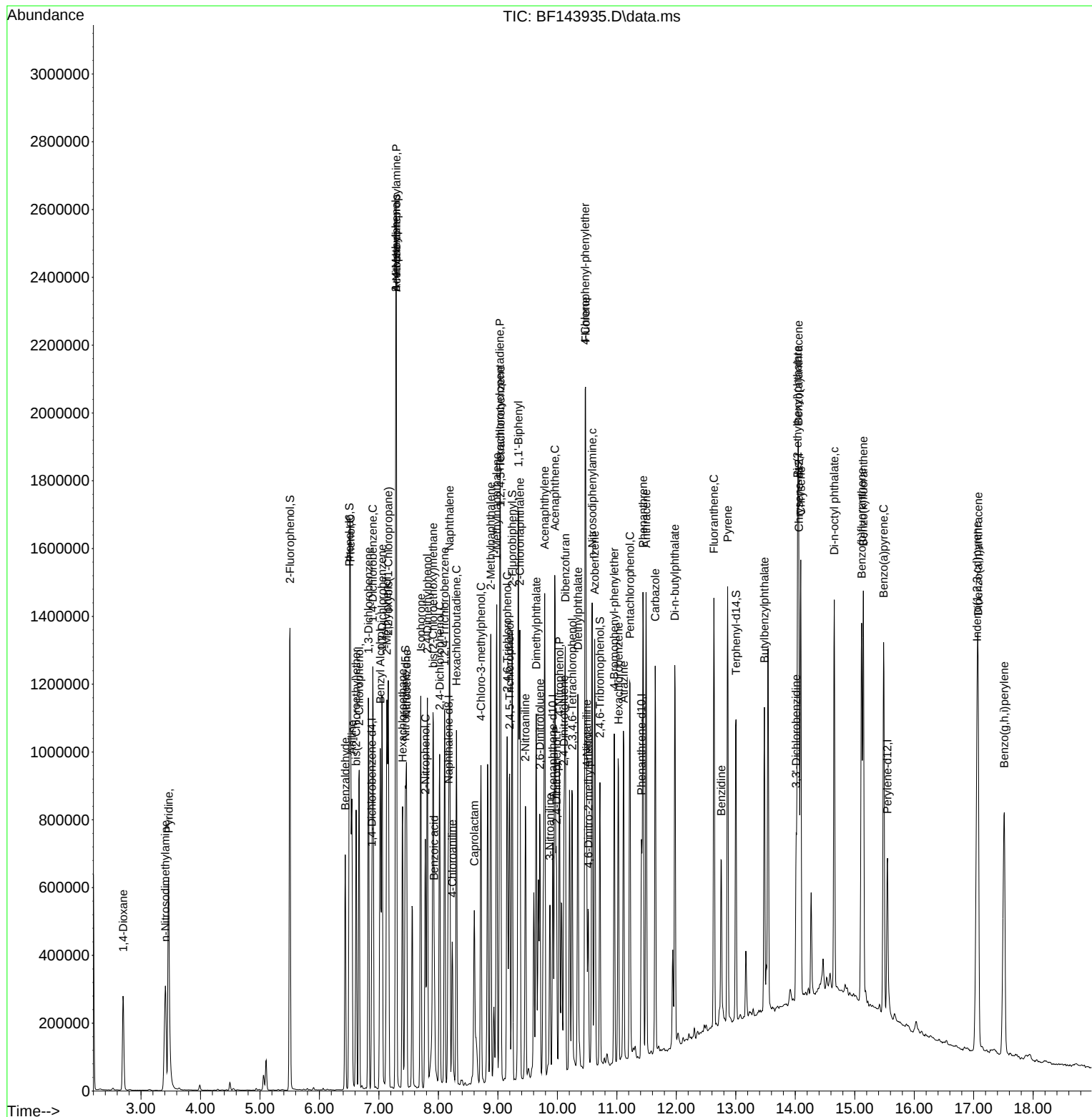
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	221976	48.055	ng	98
46) 1,1'-Biphenyl	9.345	154	742911	51.840	ng	99
47) 2-Chloronaphthalene	9.369	162	557020	46.618	ng	98
48) 2-Nitroaniline	9.463	65	198434	52.529	ng	99
49) Acenaphthylene	9.786	152	879612	52.364	ng	99
50) Dimethylphthalate	9.645	163	643868	46.842	ng	99
51) 2,6-Dinitrotoluene	9.704	165	143281	56.214	ng	98
52) Acenaphthene	9.957	154	538662	48.938	ng	99
53) 3-Nitroaniline	9.875	138	104601	33.516	ng	99
54) 2,4-Dinitrophenol	9.986	184	129631	82.239	ng	93
55) Dibenzofuran	10.133	168	712474	45.855	ng	99
56) 4-Nitrophenol	10.033	139	212893	90.092	ng	95
57) 2,4-Dinitrotoluene	10.110	165	184940	53.327	ng	100
58) Fluorene	10.475	166	528307	45.061	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	154695m	47.310	ng	
60) Diethylphthalate	10.345	149	588987	46.124	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	275581	44.459	ng	99
62) 4-Nitroaniline	10.492	138	141971	47.305	ng	92
63) Azobenzene	10.627	77	673525	50.466	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	93633	55.840	ng	95
66) n-Nitrosodiphenylamine	10.586	169	535812	51.141	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	176200	47.781	ng	99
68) Hexachlorobenzene	11.027	284	199700	46.776	ng	97
69) Atrazine	11.116	200	163108	51.363	ng	98
70) Pentachlorophenol	11.222	266	221671	90.406	ng	99
71) Phenanthrene	11.439	178	762488	47.135	ng	99
72) Anthracene	11.492	178	773184	47.311	ng	99
73) Carbazole	11.645	167	670408	46.318	ng	100
74) Di-n-butylphthalate	11.974	149	815746	48.629	ng	99
75) Fluoranthene	12.633	202	748079	44.770	ng	99
77) Benzidine	12.757	184	311975	40.395	ng	98
78) Pyrene	12.863	202	774591	41.773	ng	100
80) Butylbenzylphthalate	13.480	149	295803	49.119	ng	98
81) Benzo(a)anthracene	14.057	228	752478	51.697	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	162011	36.524	ng	# 99
83) Chrysene	14.092	228	652141	48.409	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	405514	55.860	ng	100
85) Di-n-octyl phthalate	14.657	149	781103	65.511	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	925104	50.798	ng	98
88) Benzo(b)fluoranthene	15.115	252	755780	44.268	ng	98
89) Benzo(k)fluoranthene	15.145	252	748875	47.404	ng	99
90) Benzo(a)pyrene	15.486	252	753600	50.906	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	727986	49.703	ng	99
92) Benzo(g,h,i)perylene	17.515	276	735960	50.247	ng	98

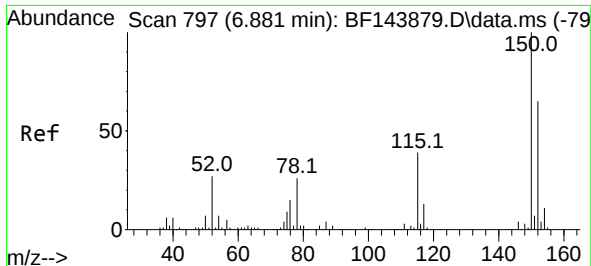
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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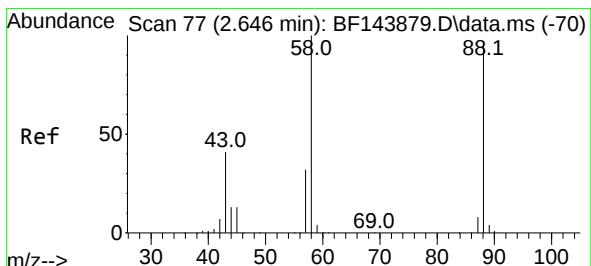
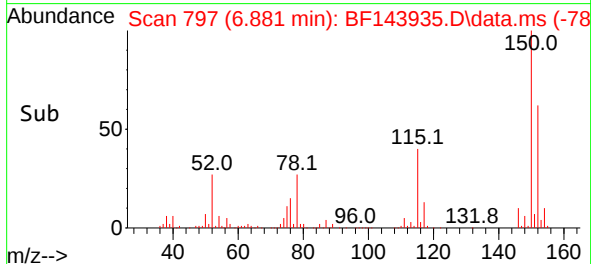
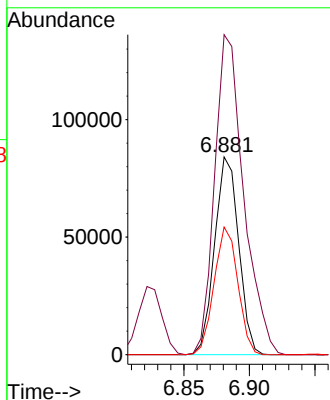
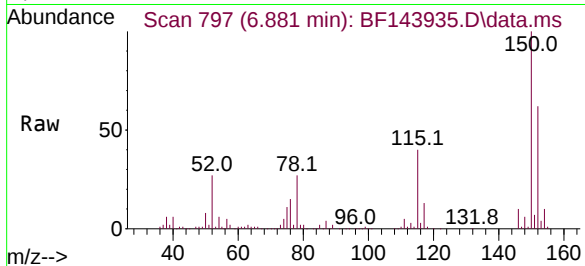




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143935.D
 Acq: 13 Oct 2025 16:33

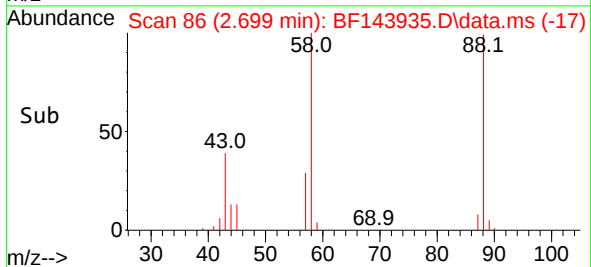
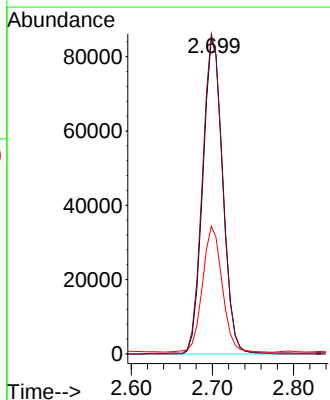
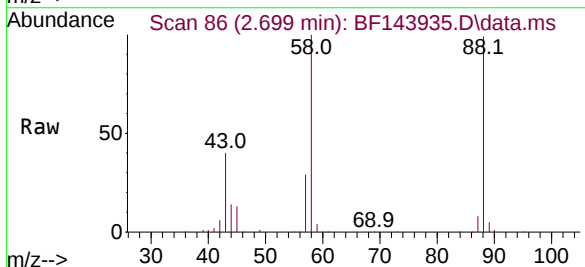
Instrument :
 BNA_F
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 SED-04-0-2MS

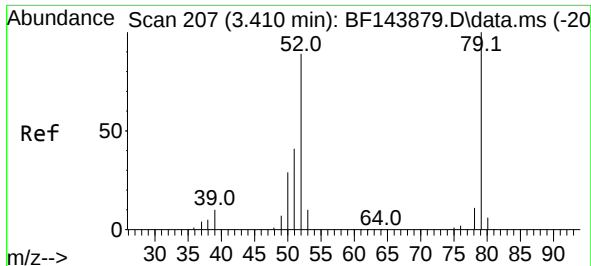
Tgt Ion:152 Resp: 107554
 Ion Ratio Lower Upper
 152 100
 150 161.9 124.4 186.6
 115 64.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 46.463 ng
 RT: 2.699 min Scan# 86
 Delta R.T. 0.053 min
 Lab File: BF143935.D
 Acq: 13 Oct 2025 16:33

Tgt Ion: 88 Resp: 145623
 Ion Ratio Lower Upper
 88 100
 58 102.1 83.0 124.6
 43 39.3 33.9 50.9





#3

Pyridine

Concen: 44.288 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

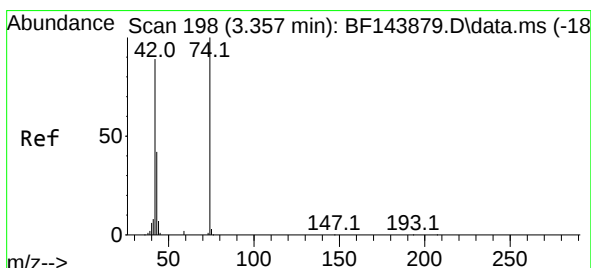
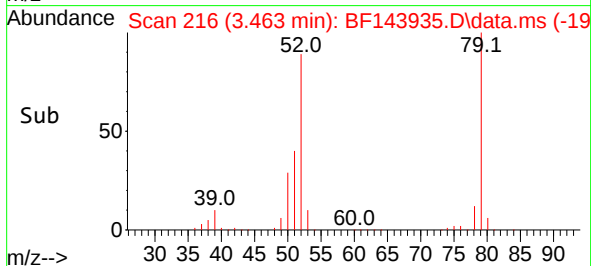
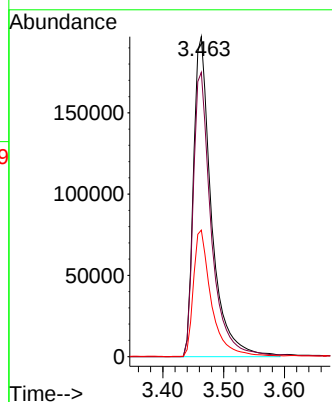
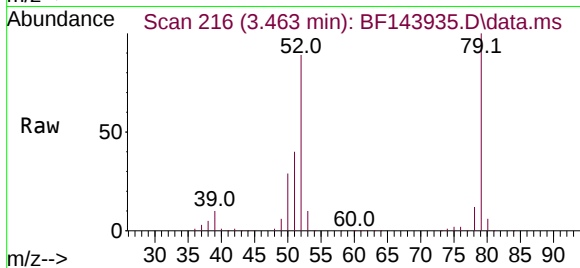
Tgt Ion: 79 Resp: 404088

Ion Ratio Lower Upper

79 100

52 88.8 71.5 107.3

51 39.5 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 47.952 ng

RT: 3.410 min Scan# 207

Delta R.T. 0.024 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

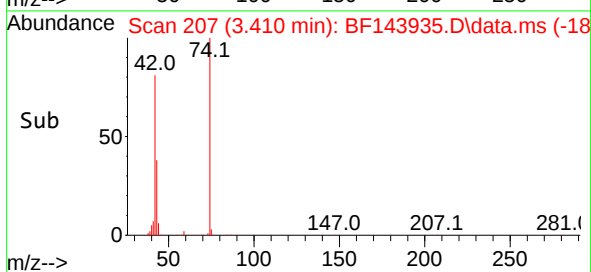
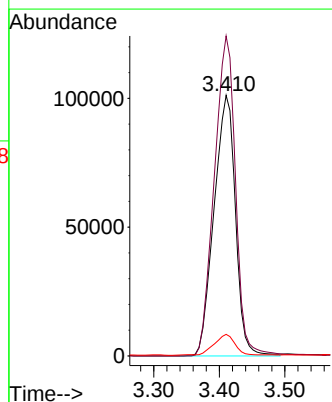
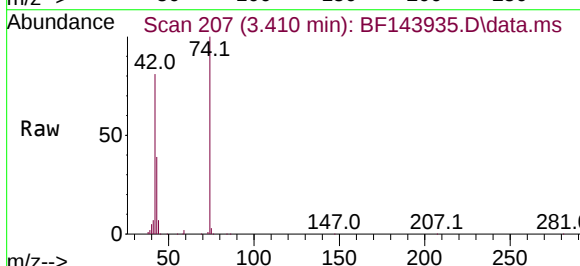
Tgt Ion: 42 Resp: 230157

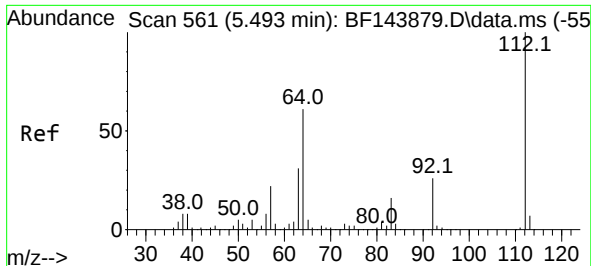
Ion Ratio Lower Upper

42 100

74 122.8 90.0 135.0

44 8.3 6.2 9.2

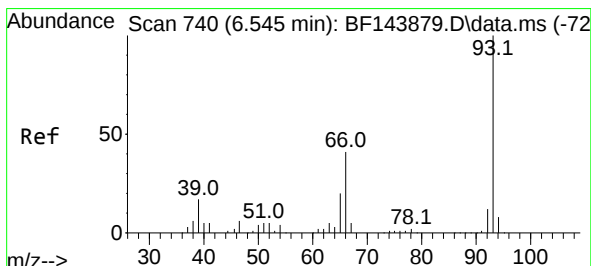
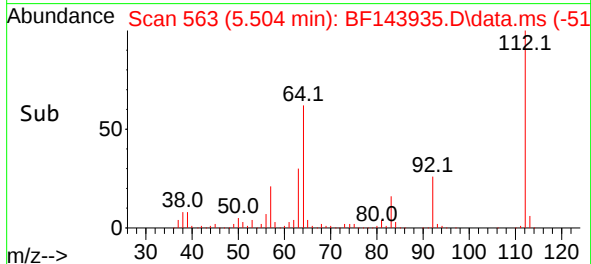
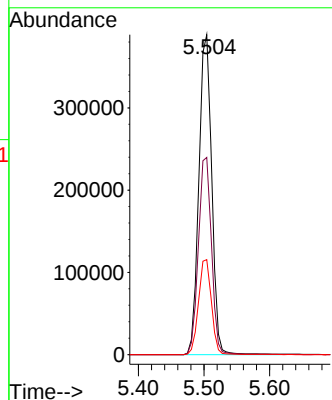
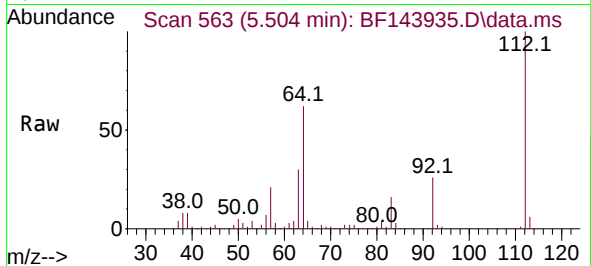




#5
2-Fluorophenol
Concen: 77.797 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

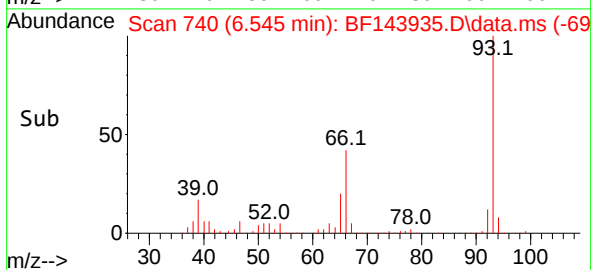
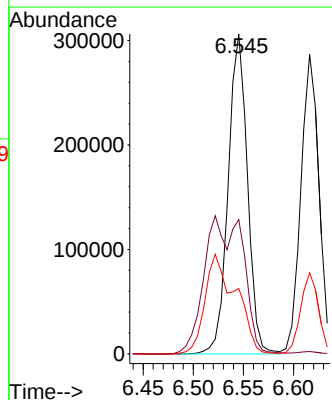
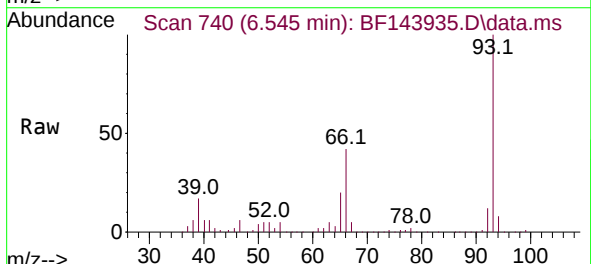
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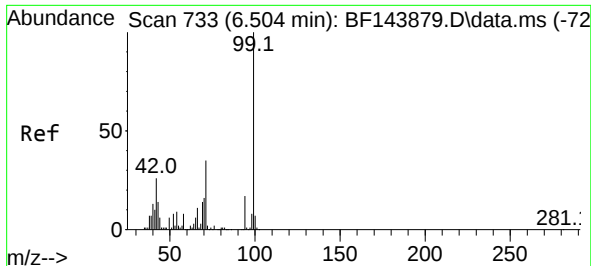
Tgt Ion:112 Resp: 526920
Ion Ratio Lower Upper
112 100
64 61.6 49.1 73.7
63 29.7 24.5 36.7



#6
Aniline
Concen: 33.833 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion: 93 Resp: 409288
Ion Ratio Lower Upper
93 100
66 42.0 33.0 49.6
65 20.4 15.8 23.8

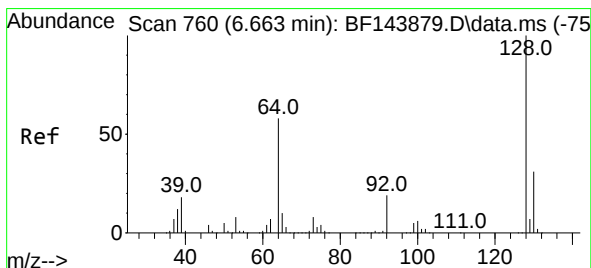
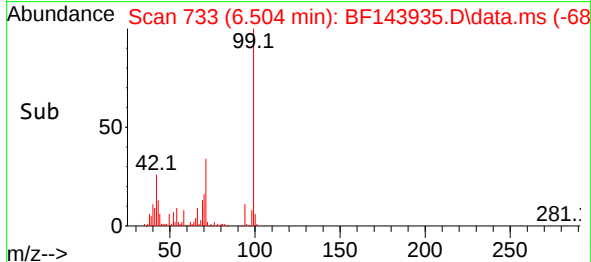
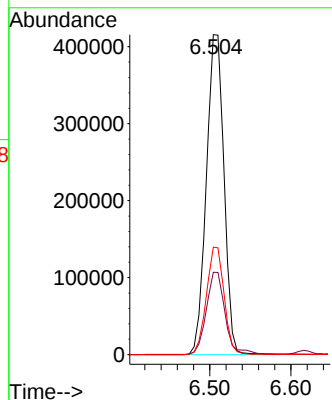
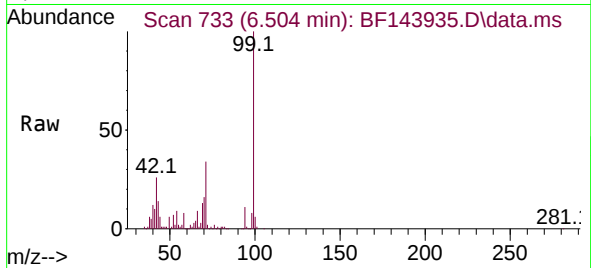




#7
Phenol-d6
Concen: 77.890 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

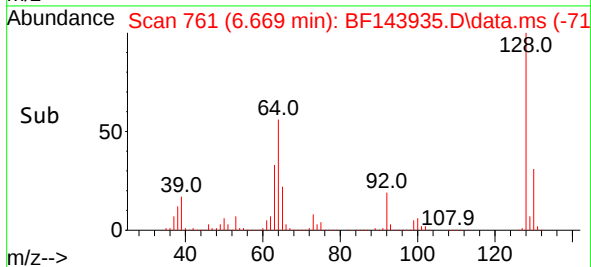
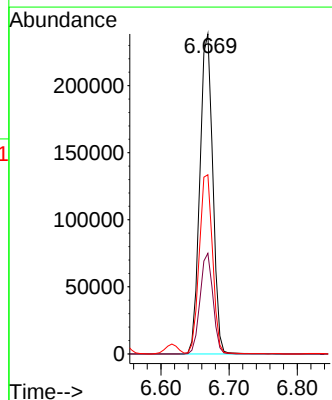
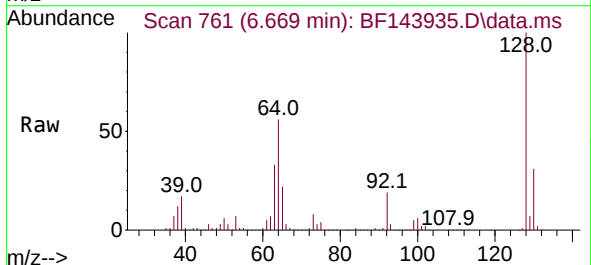
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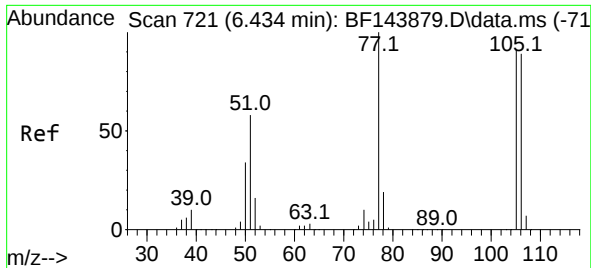
Tgt Ion: 99 Resp: 628812
Ion Ratio Lower Upper
99 100
42 25.7 21.0 31.4
71 33.6 27.8 41.8



#8
2-Chlorophenol
Concen: 47.594 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:128 Resp: 315099
Ion Ratio Lower Upper
128 100
130 31.4 10.7 50.7
64 56.0 39.0 79.0

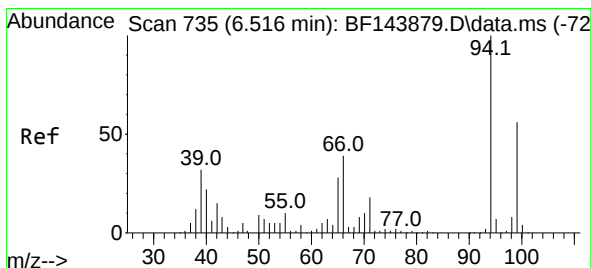
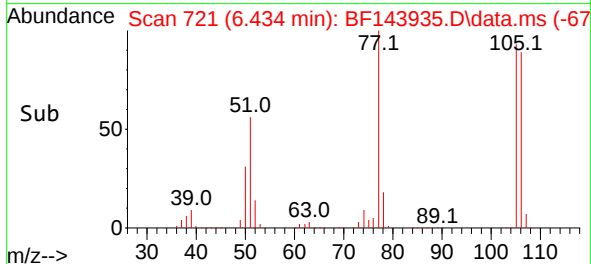
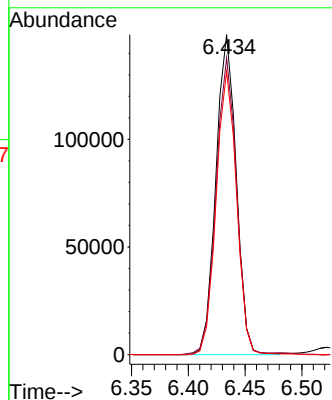
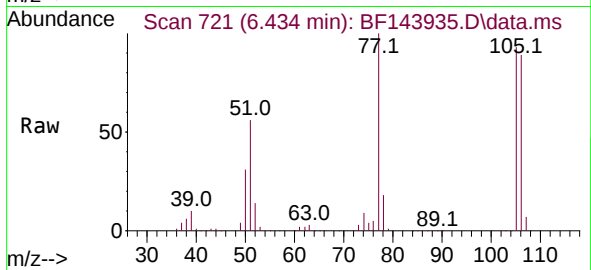




#9
Benzaldehyde
Concen: 29.705 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143935.D
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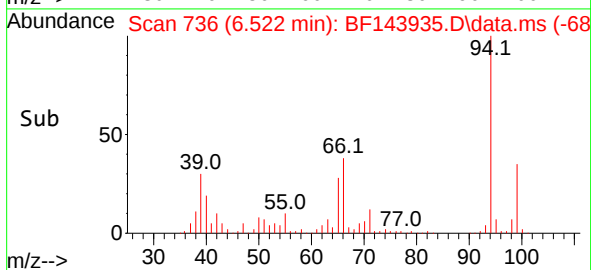
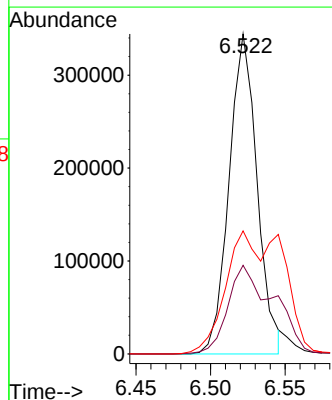
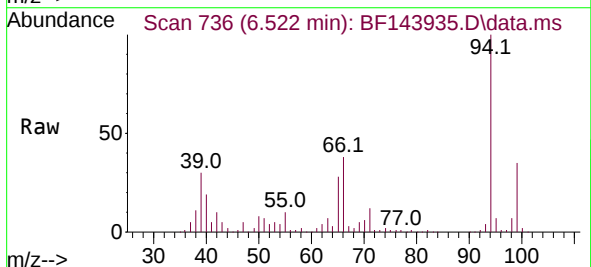
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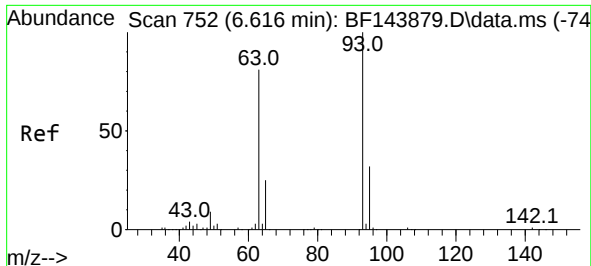
Tgt Ion:	77	Resp:	184992
Ion	Ratio	Lower	Upper
77	100		
105	92.7	70.9	110.9
106	88.5	68.9	108.9



#10
Phenol
Concen: 46.711 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:	94	Resp:	450834
Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.5	48.5
66	38.4	19.9	59.9

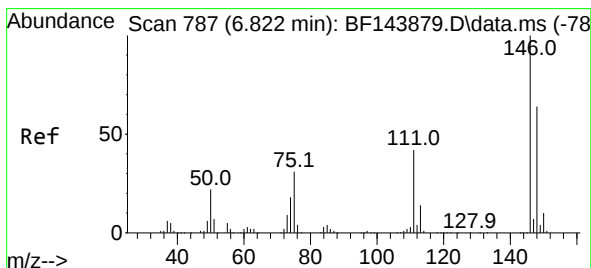
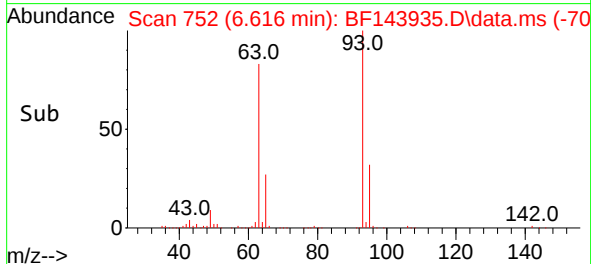
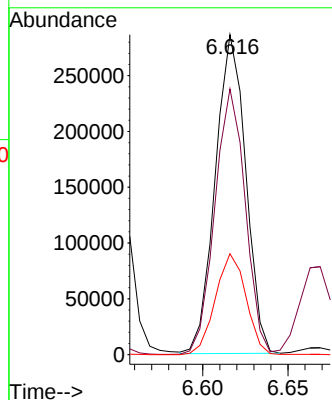
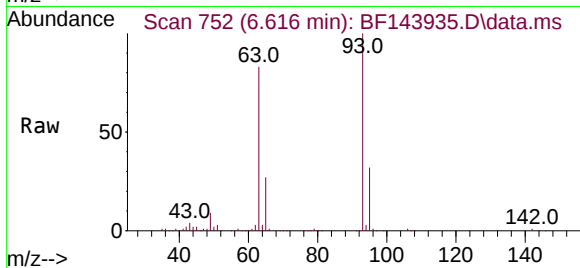




#11
bis(2-Chloroethyl)ether
Concen: 47.659 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

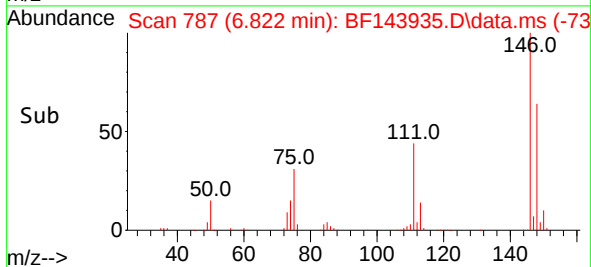
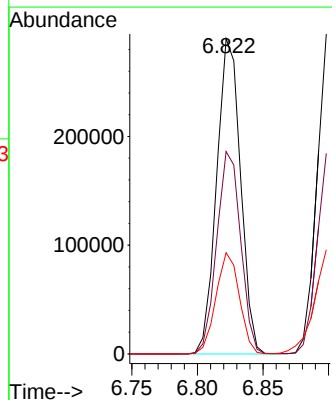
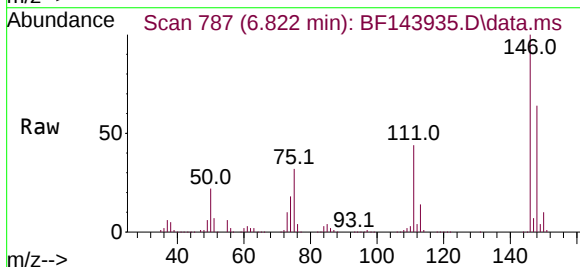
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

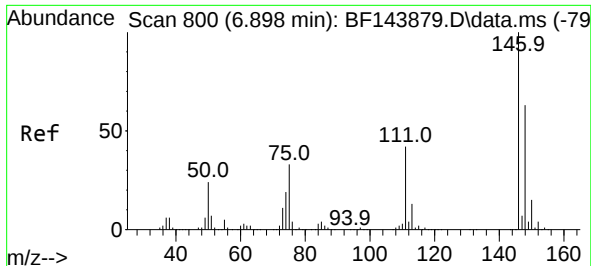
Tgt Ion: 93	Resp: 355331
Ion Ratio	Lower Upper
93 100	
63 83.0	60.9 100.9
95 31.5	11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 46.368 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:146	Resp: 367467		
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.0	76.4
75	32.1	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 48.463 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

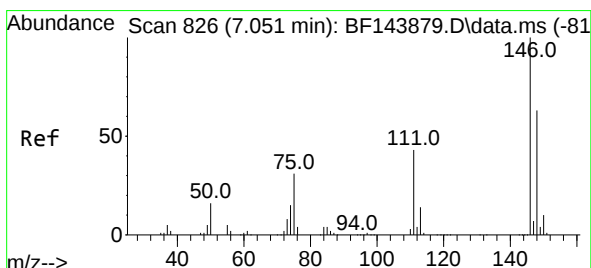
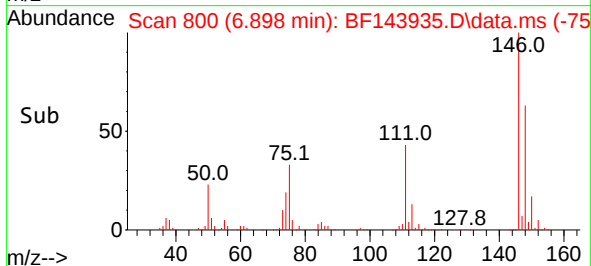
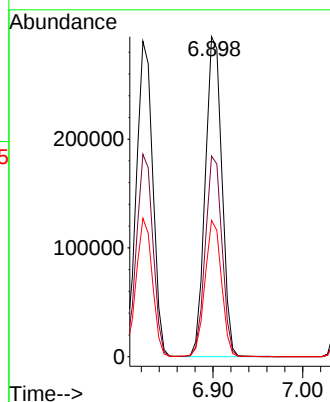
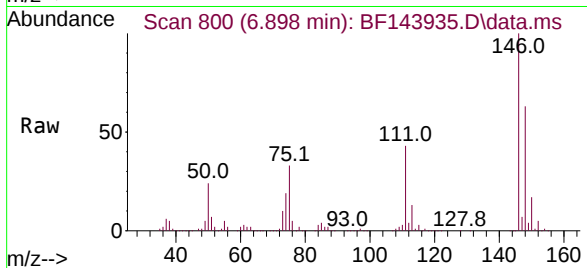
Tgt Ion:146 Resp: 378849

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

111 42.6 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 48.763 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

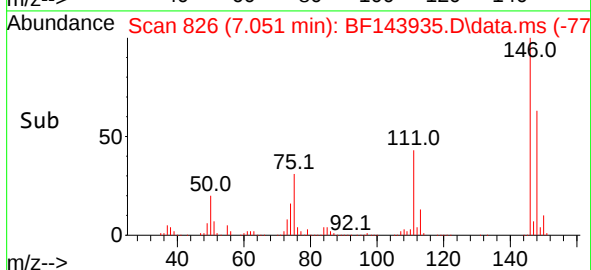
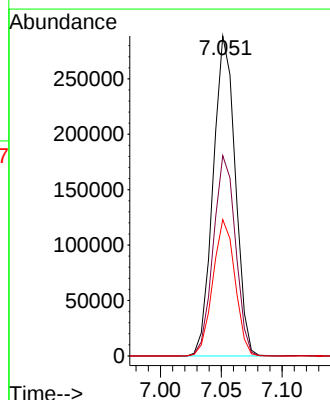
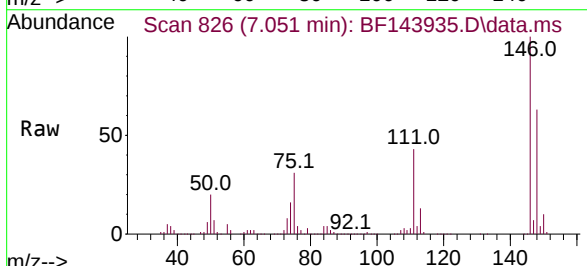
Tgt Ion:146 Resp: 365125

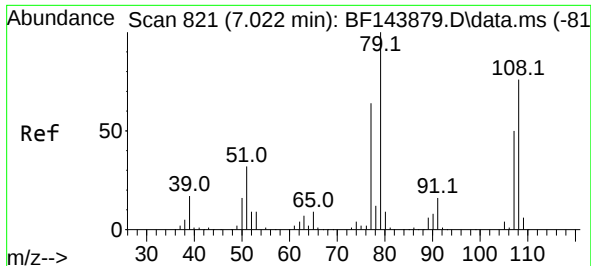
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

111 42.6 34.6 51.8

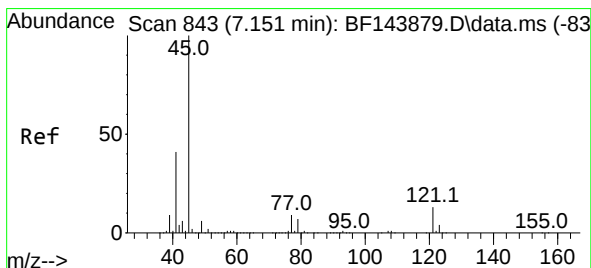
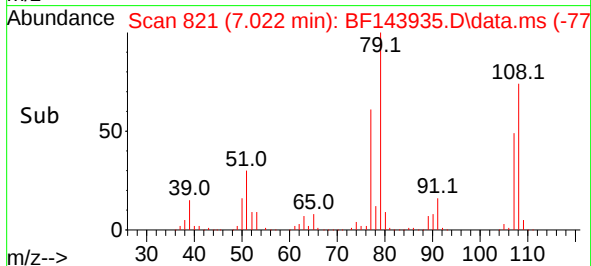
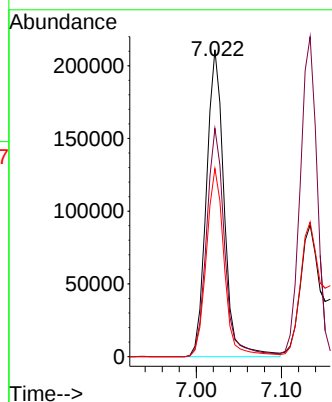
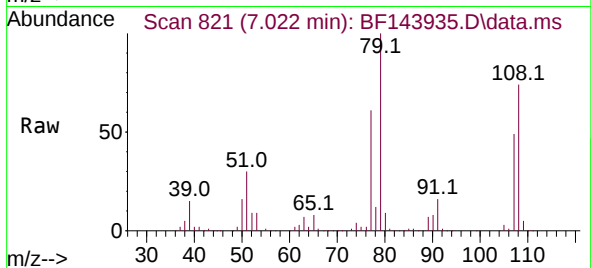




#15
Benzyl Alcohol
Concen: 50.356 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

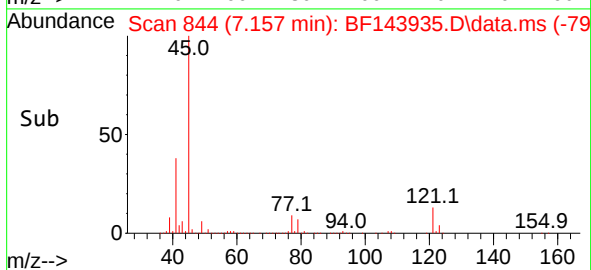
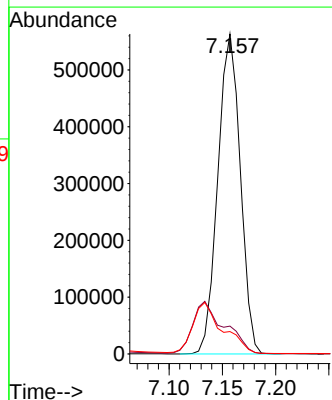
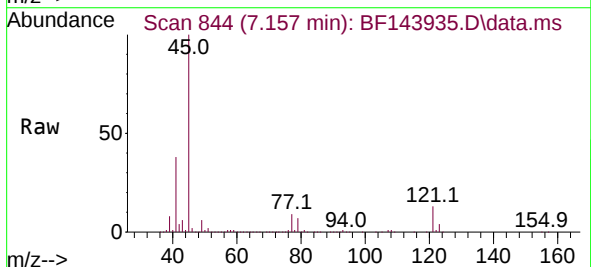
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

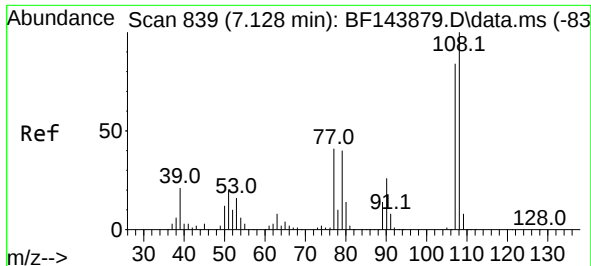
Tgt Ion: 79 Resp: 304593
Ion Ratio Lower Upper
79 100
108 74.4 60.8 91.2
77 61.3 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.793 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion: 45 Resp: 828052
Ion Ratio Lower Upper
45 100
77 8.7 0.0 29.0
79 7.0 0.0 26.8

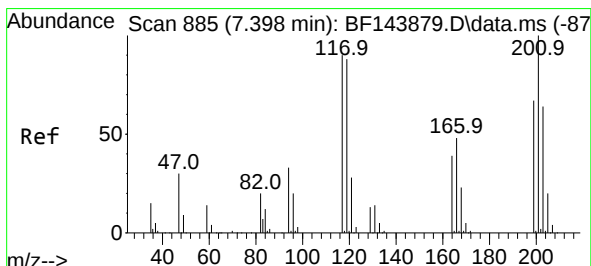
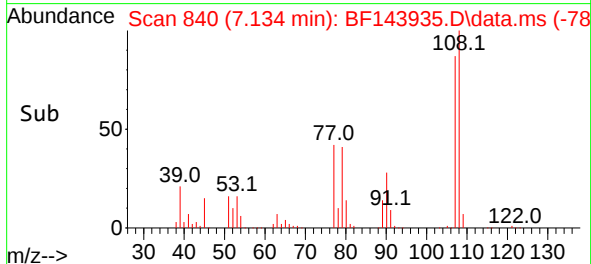
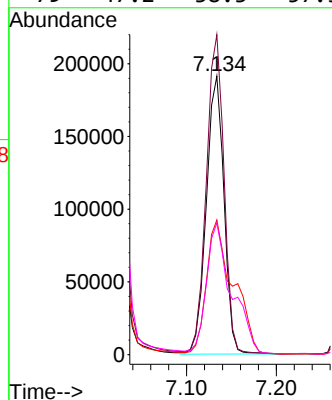
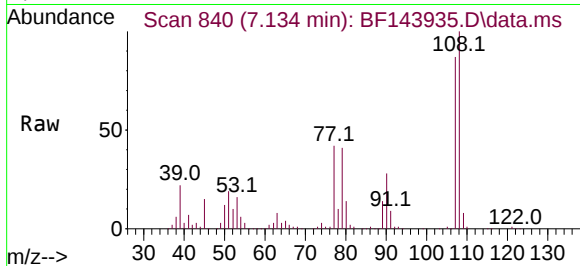




#17
2-Methylphenol
Concen: 48.123 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

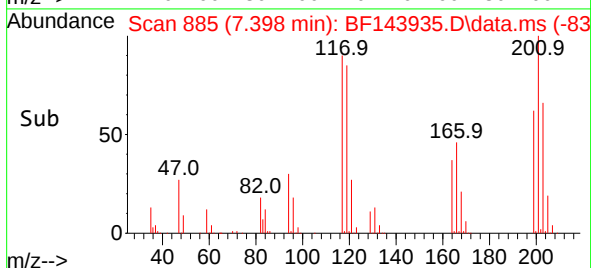
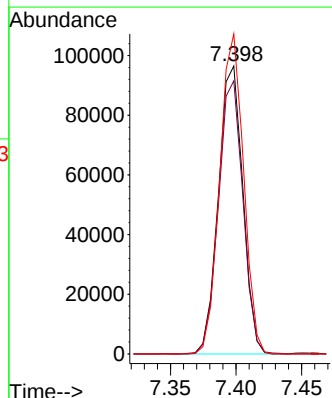
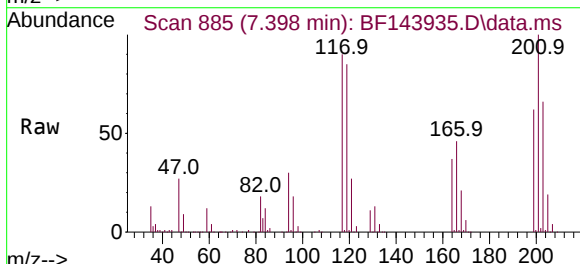
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

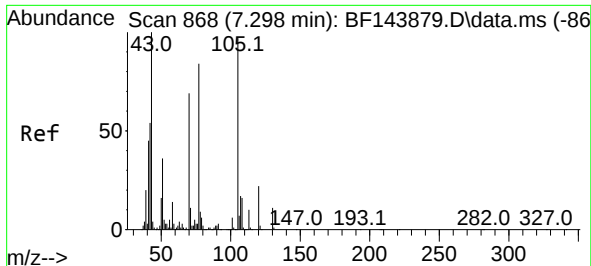
Tgt Ion:	107	Resp:	263304
Ion	Ratio	Lower	Upper
107	100		
108	114.9	94.7	142.1
77	48.3	38.8	58.2
79	47.2	38.3	57.5



#18
Hexachloroethane
Concen: 47.930 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:	117	Resp:	124956
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.8	116.8
201	111.2	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.357 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

Tgt Ion: 70 Resp: 245118

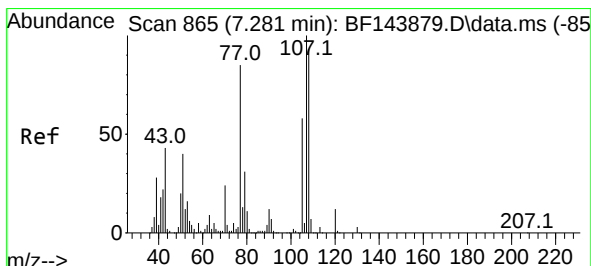
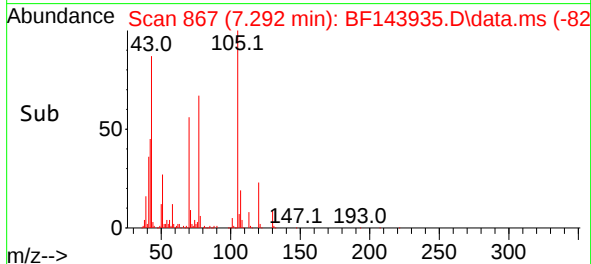
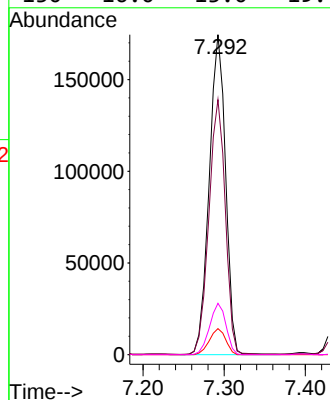
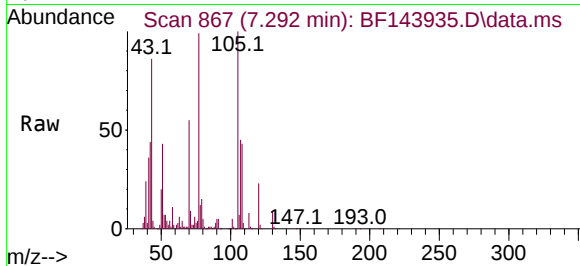
Ion Ratio Lower Upper

70 100

42 79.7 62.8 94.2

101 8.1 6.7 10.1

130 16.0 13.0 19.4



#20

3+4-Methylphenols

Concen: 46.004 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Tgt Ion: 107 Resp: 291732

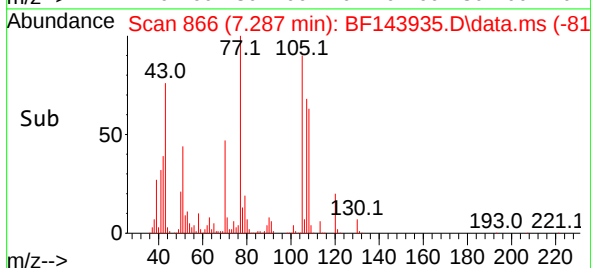
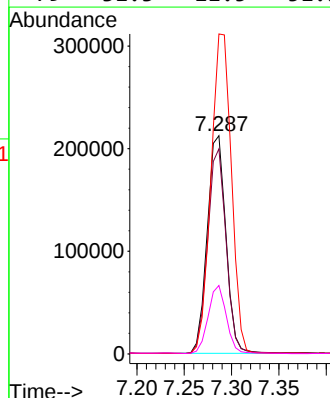
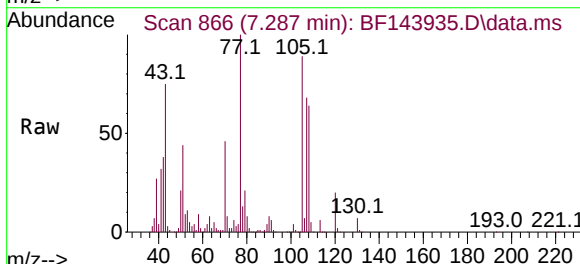
Ion Ratio Lower Upper

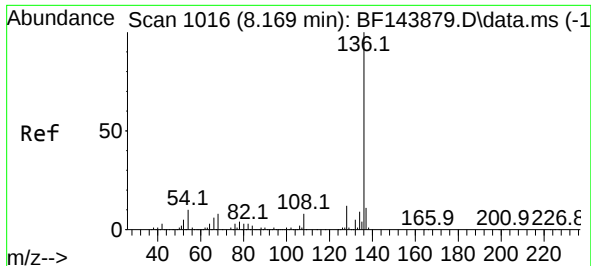
107 100

108 94.0 73.0 113.0

77 146.6 64.6 104.6

79 31.3 11.5 51.5



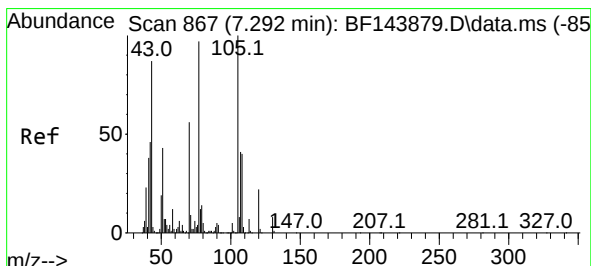
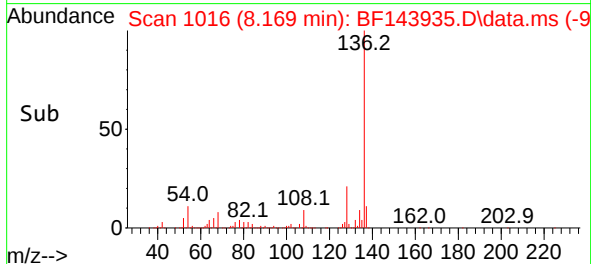
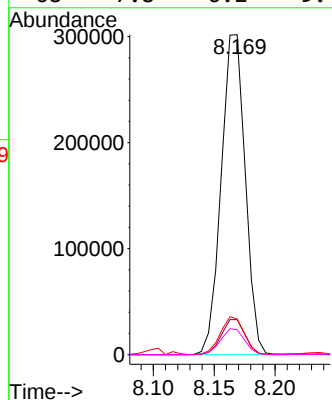
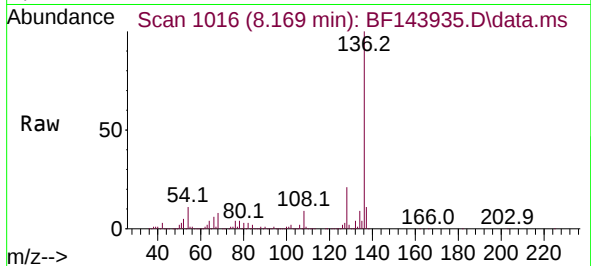


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

Tgt Ion:136 Resp: 415656

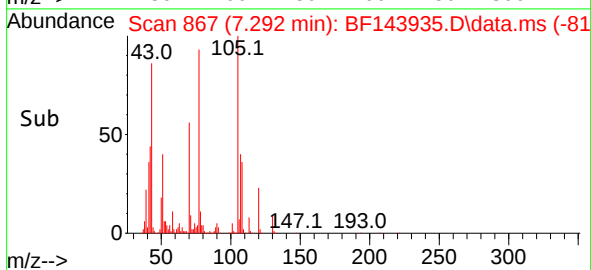
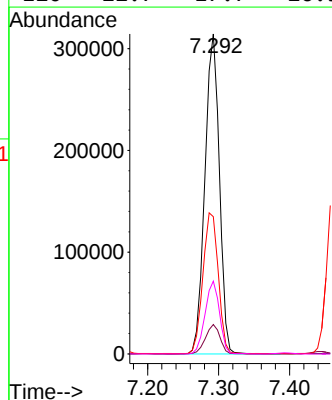
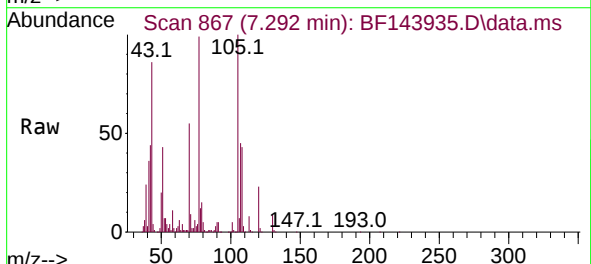
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.1	8.2	12.4
68	7.8	6.2	9.4

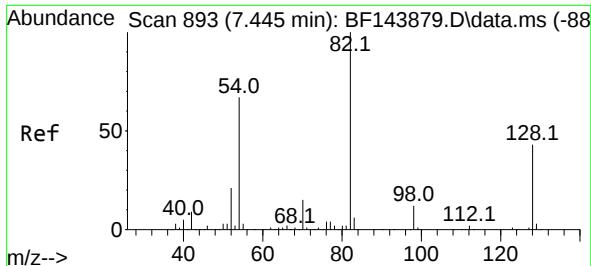


#22
Acetophenone
Concen: 50.569 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:105 Resp: 444439

Ion	Ratio	Lower	Upper
105	100		
71	9.2	7.4	11.0
51	42.9	34.2	51.4
120	22.7	17.7	26.5





#23

Nitrobenzene-d5

Concen: 51.252 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

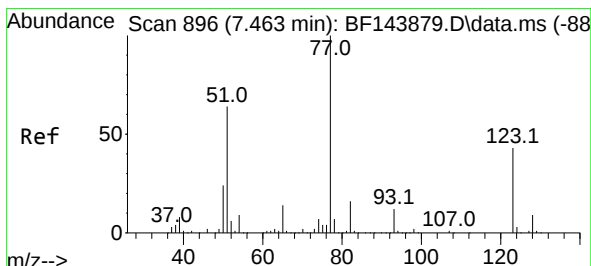
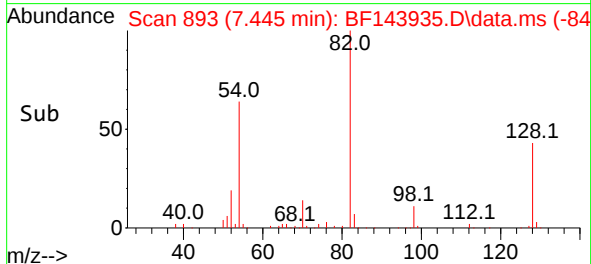
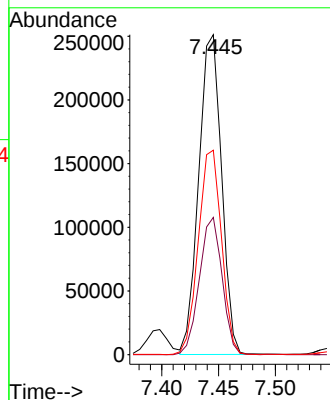
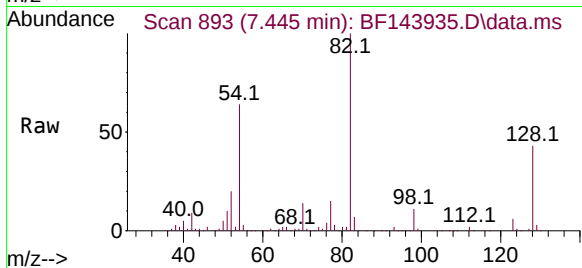
Tgt Ion: 82 Resp: 350641

Ion Ratio Lower Upper

82 100

128 42.9 34.0 51.0

54 63.9 53.2 79.8



#24

Nitrobenzene

Concen: 48.943 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

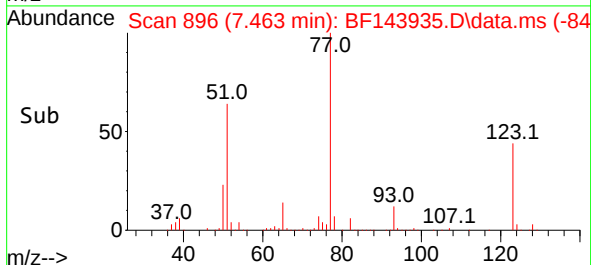
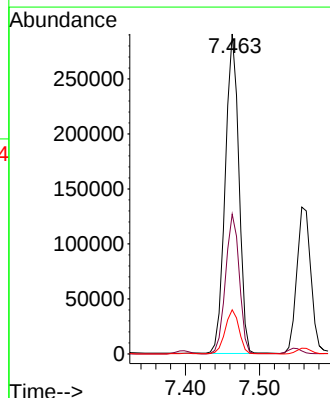
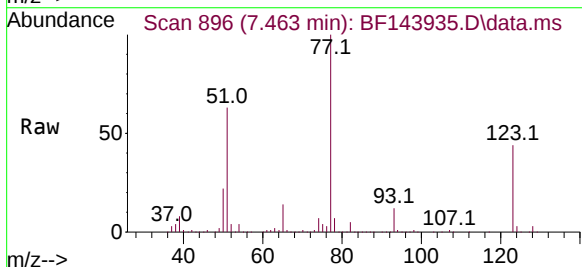
Tgt Ion: 77 Resp: 371851

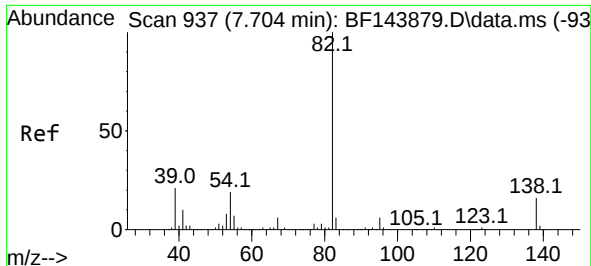
Ion Ratio Lower Upper

77 100

123 43.7 34.2 51.4

65 13.8 11.0 16.6

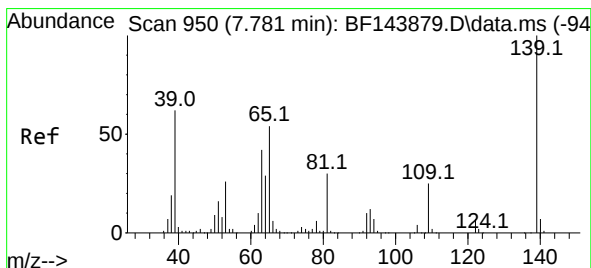
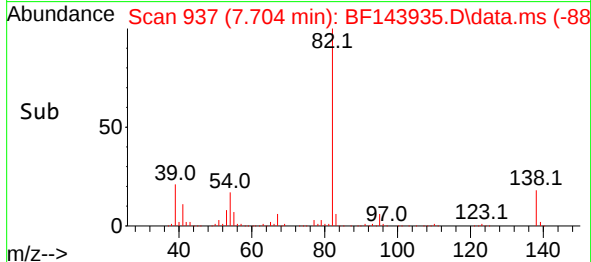
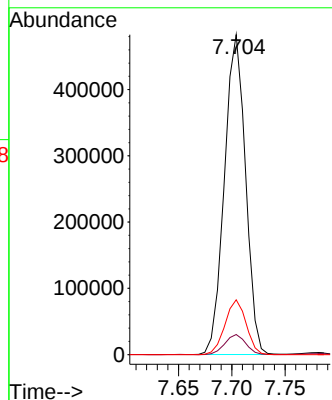
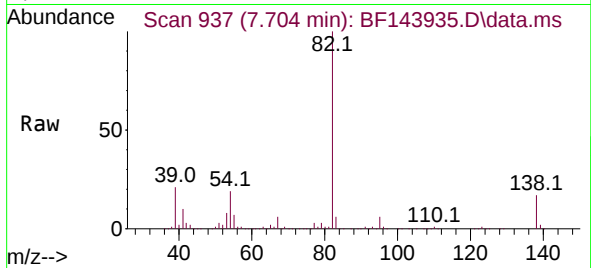




#25
Isophorone
Concen: 46.157 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

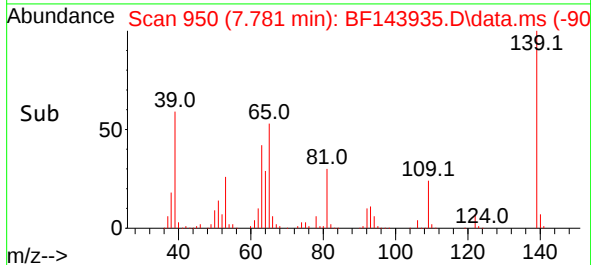
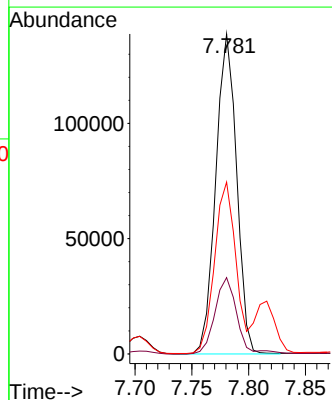
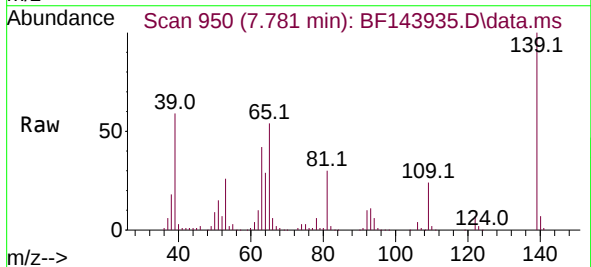
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

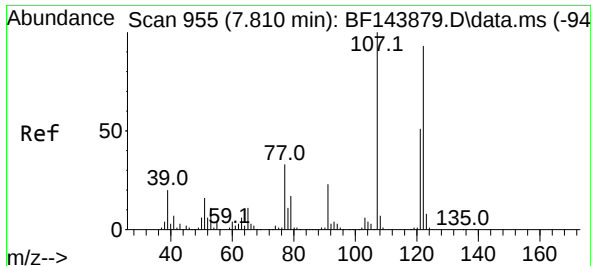
Tgt Ion: 82 Resp: 665853
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 17.1 12.9 19.3



#26
2-Nitrophenol
Concen: 54.331 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion: 139 Resp: 176974
Ion Ratio Lower Upper
139 100
109 23.8 19.8 29.6
65 53.7 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 52.101 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

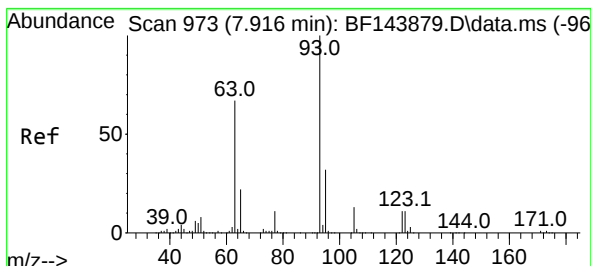
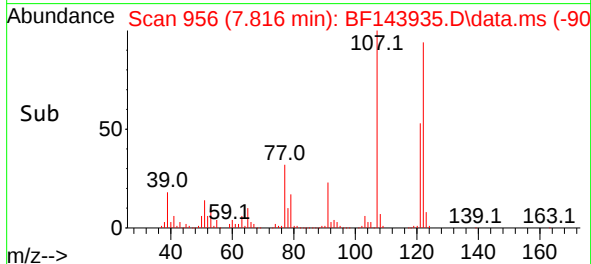
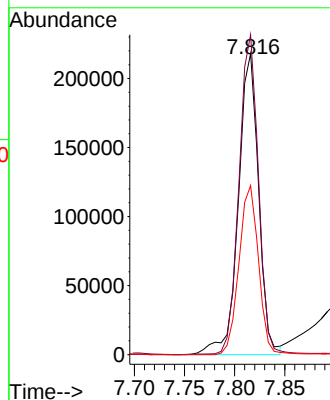
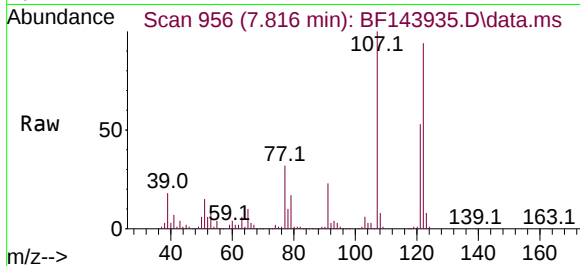
Tgt Ion:122 Resp: 305284

Ion Ratio Lower Upper

122 100

107 106.3 86.1 129.1

121 56.1 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.103 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

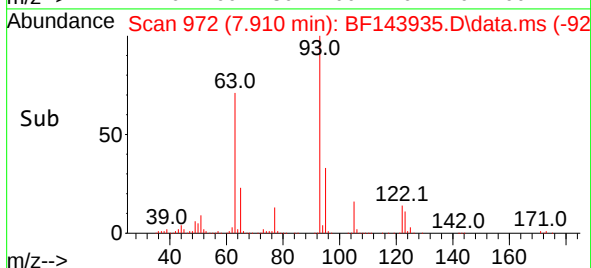
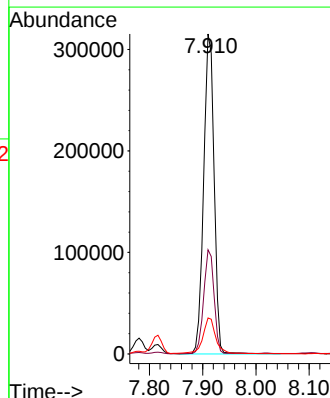
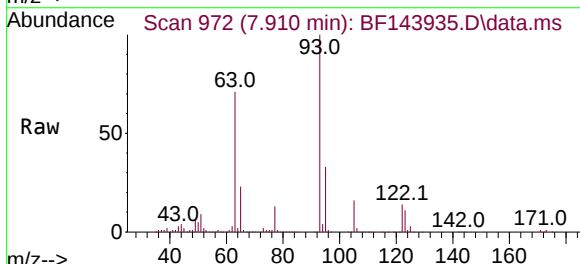
Tgt Ion: 93 Resp: 429231

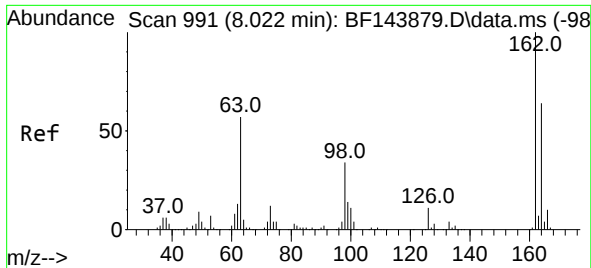
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.637 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143935.D

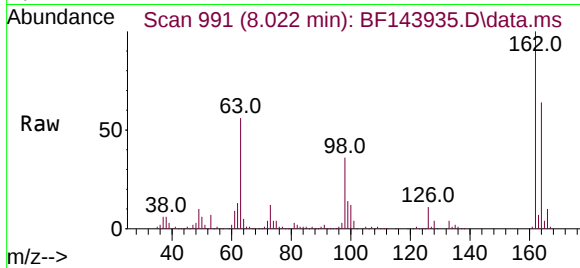
Acq: 13 Oct 2025 16:33

Instrument :

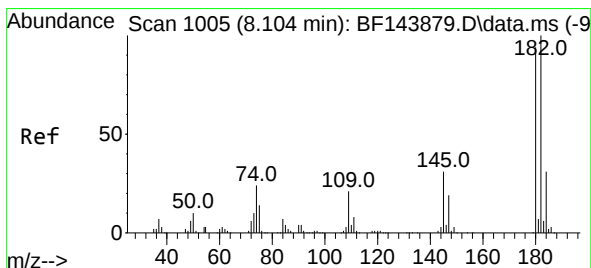
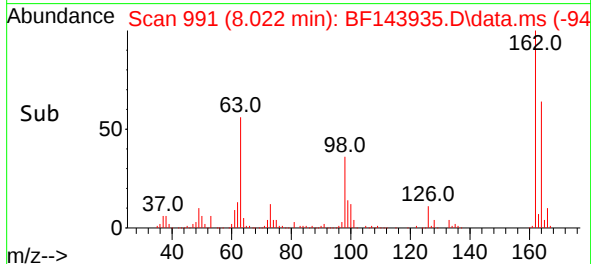
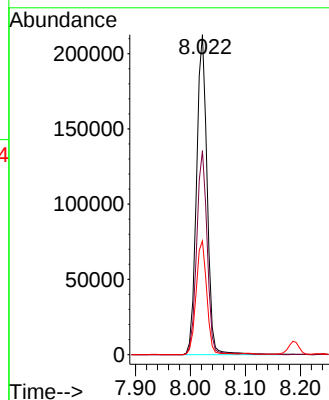
BNA_F

ClientSampleId :

SED-04-0-2MS



Tgt Ion:	162	Resp:	284646
Ion Ratio	Lower	Upper	
162	100		
164	63.7	43.9	83.9
98	35.5	14.4	54.4



#30

1,2,4-Trichlorobenzene

Concen: 48.426 ng

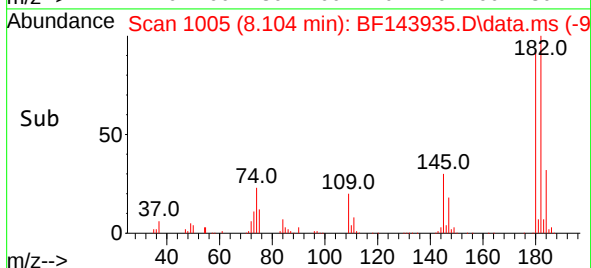
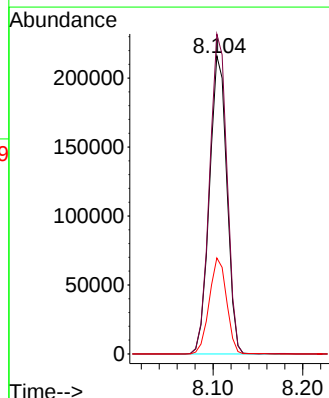
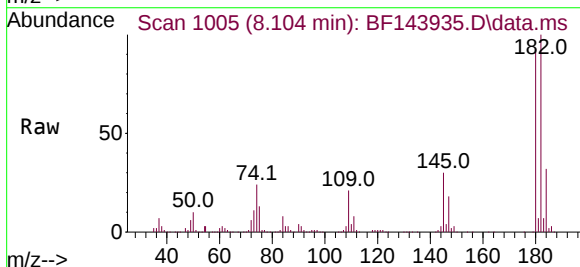
RT: 8.104 min Scan# 1005

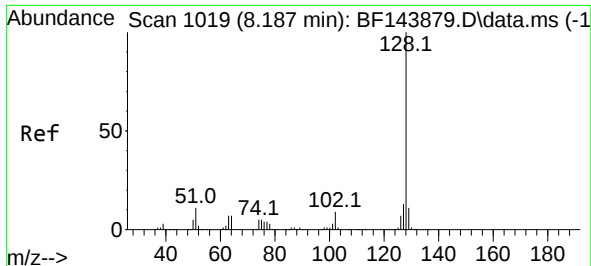
Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Tgt Ion:	180	Resp:	290682
Ion Ratio	Lower	Upper	
180	100		
182	107.3	85.4	128.0
145	32.2	26.3	39.5

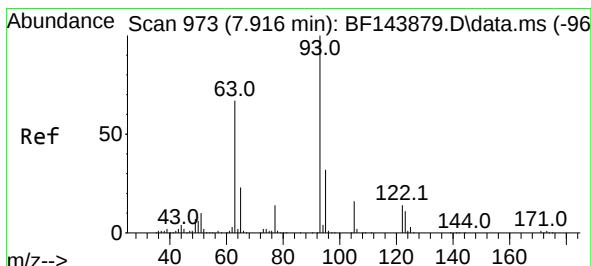
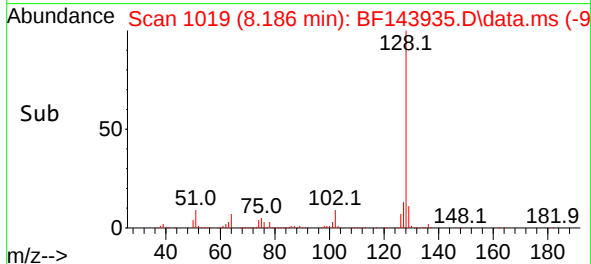
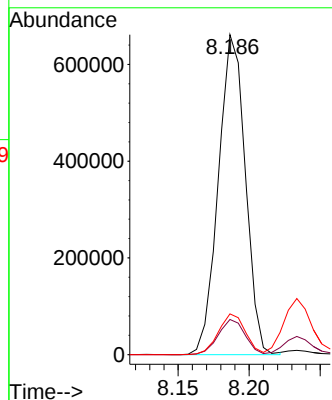
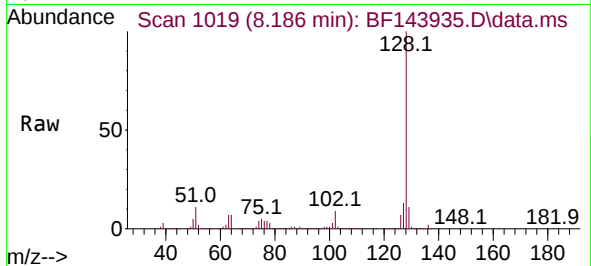




#31
Naphthalene
Concen: 46.330 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

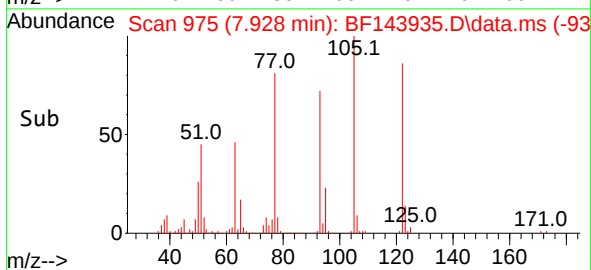
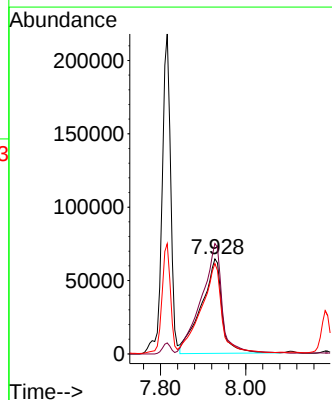
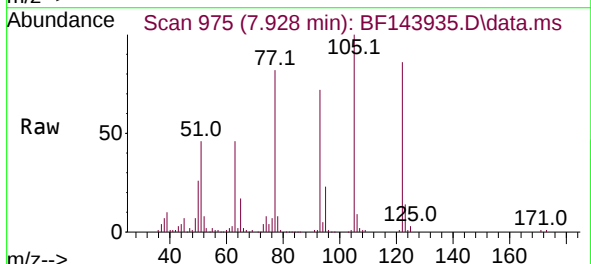
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

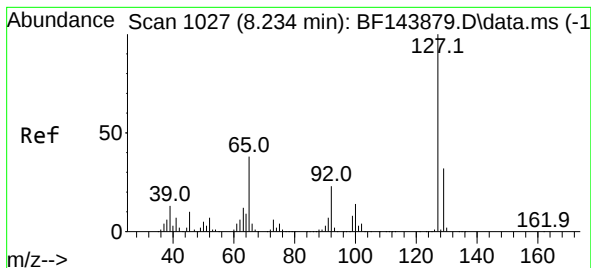
Tgt Ion:128 Resp: 876011
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.0 15.0



#32
Benzoic acid
Concen: 54.045 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:122 Resp: 219164
Ion Ratio Lower Upper
122 100
105 116.1 93.5 133.5
77 95.1 76.3 116.3





#33

4-Chloroaniline

Concen: 23.565 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

Tgt Ion:127 Resp: 167106

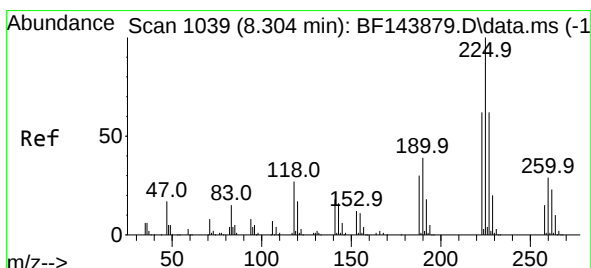
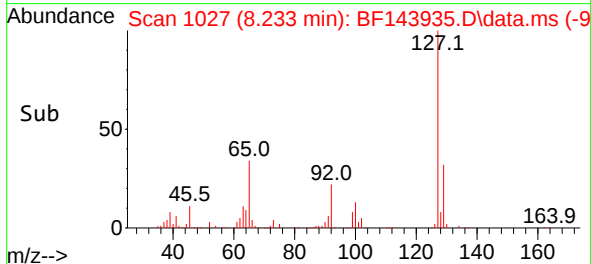
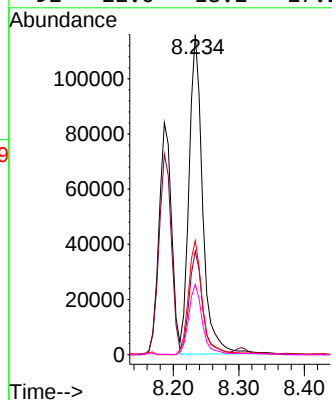
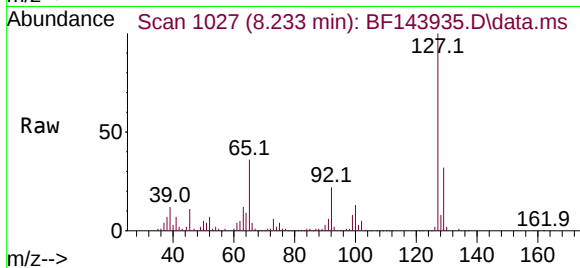
Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.8

65 35.6 30.0 45.0

92 22.0 18.2 27.2



#34

Hexachlorobutadiene

Concen: 46.140 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

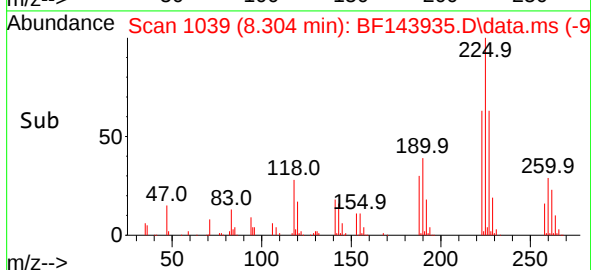
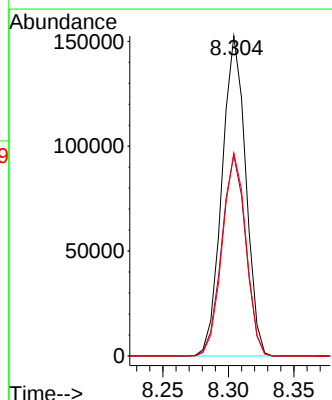
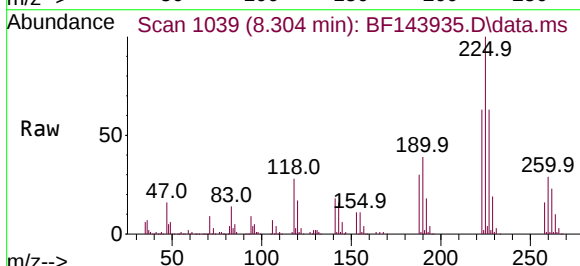
Tgt Ion:225 Resp: 192458

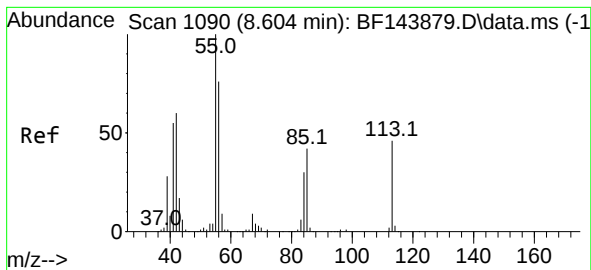
Ion Ratio Lower Upper

225 100

223 62.7 49.4 74.2

227 63.5 49.7 74.5





#35

Caprolactam

Concen: 47.504 ng

RT: 8.604 min Scan# 1109

Delta R.T. -0.041 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

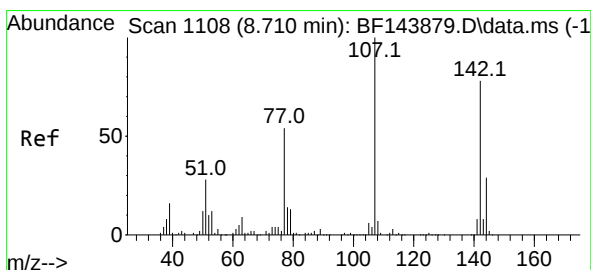
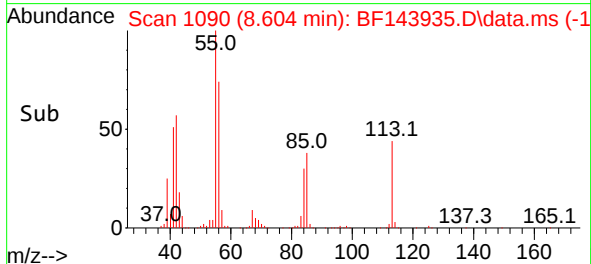
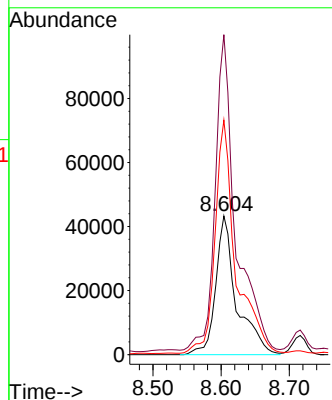
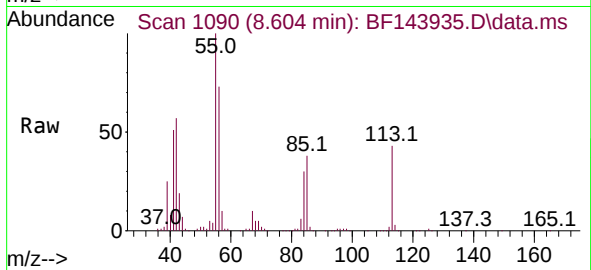
Tgt Ion:113 Resp: 92189

Ion Ratio Lower Upper

113 100

55 230.8 199.6 239.6

56 169.1 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 46.233 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

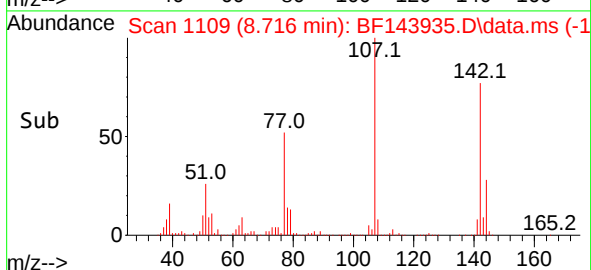
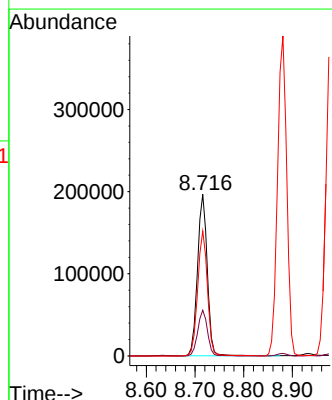
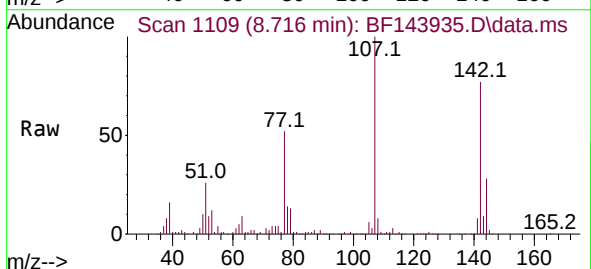
Tgt Ion:107 Resp: 271057

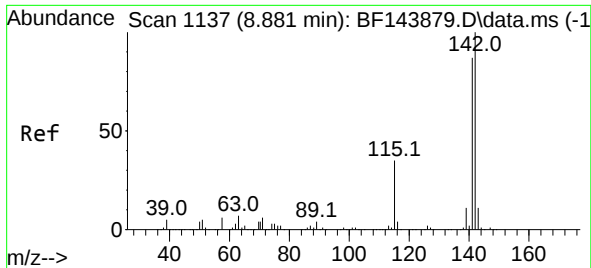
Ion Ratio Lower Upper

107 100

144 28.3 23.1 34.7

142 77.3 62.6 94.0

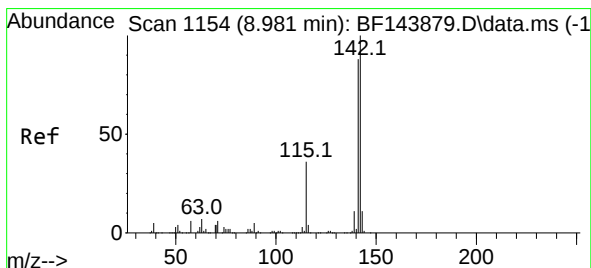
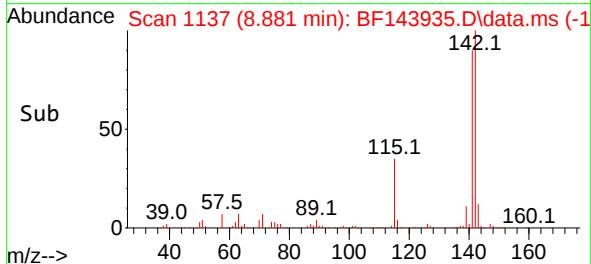
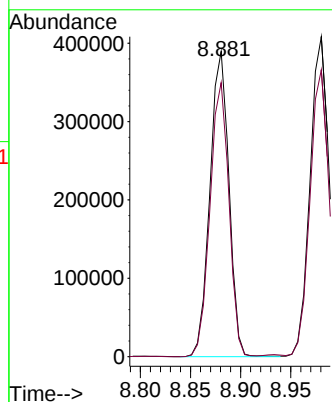
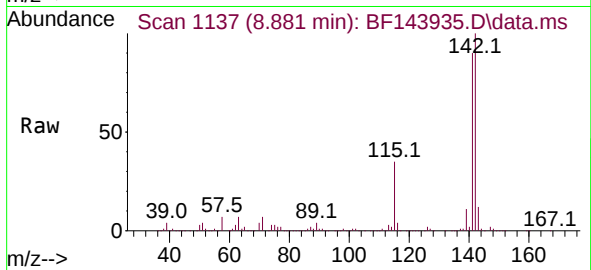




#37
2-Methylnaphthalene
Concen: 40.757 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

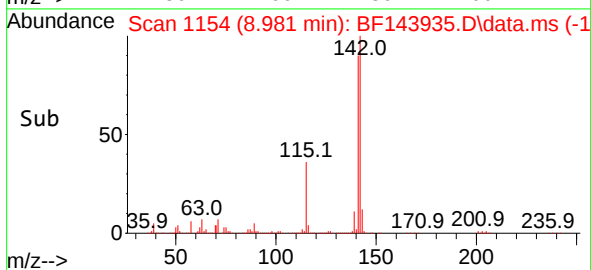
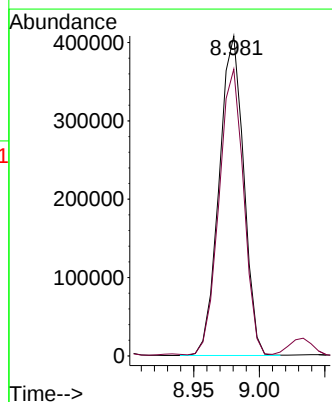
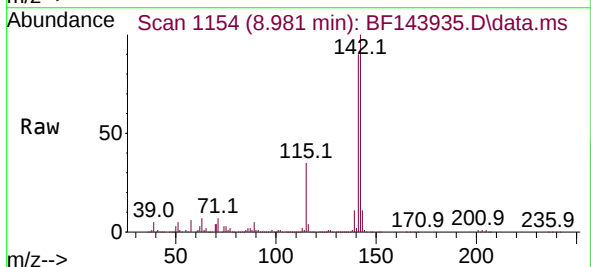
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

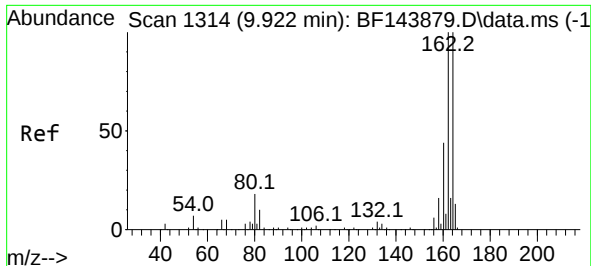
Tgt Ion:142 Resp: 513329
Ion Ratio Lower Upper
142 100
141 89.7 69.2 103.8



#38
1-Methylnaphthalene
Concen: 43.649 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:142 Resp: 533256
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2

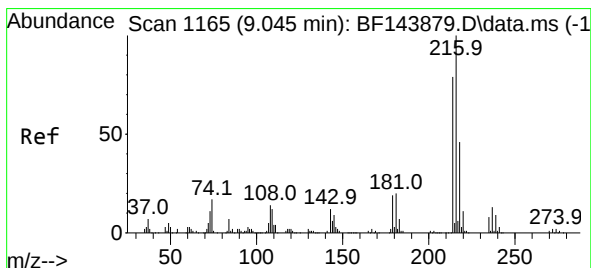
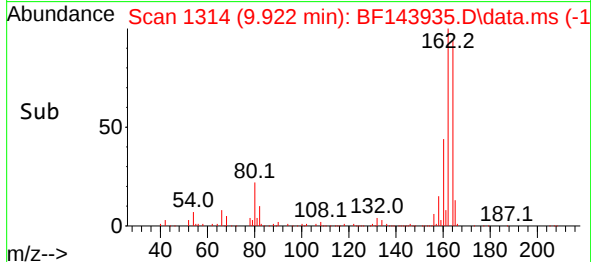
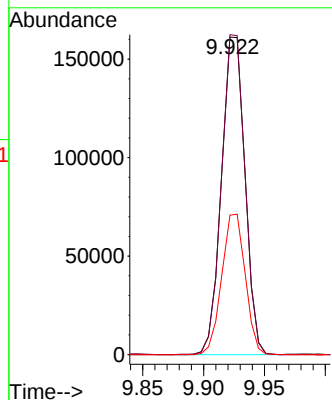
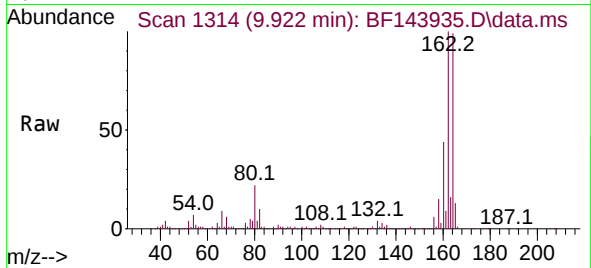




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

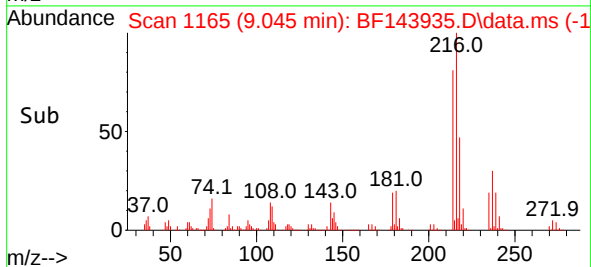
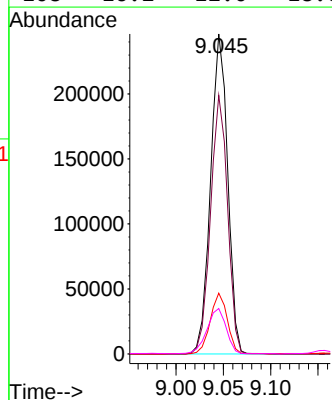
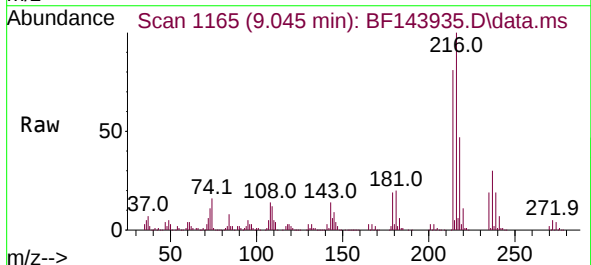
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

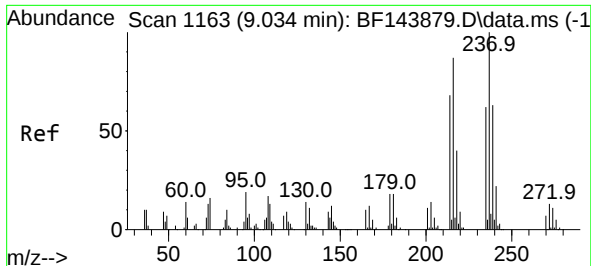
Tgt Ion:164 Resp: 216450
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 43.9 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.673 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:216 Resp: 309130
Ion Ratio Lower Upper
216 100
214 80.5 62.6 94.0
179 19.0 15.4 23.0
108 16.2 12.0 18.0

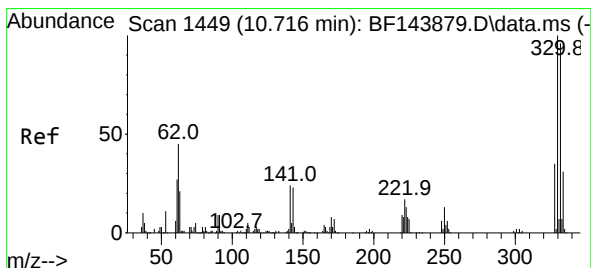
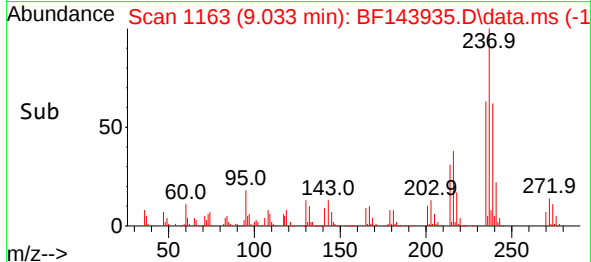
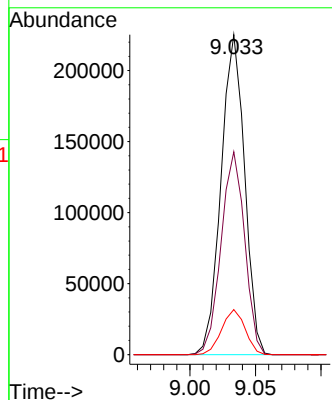
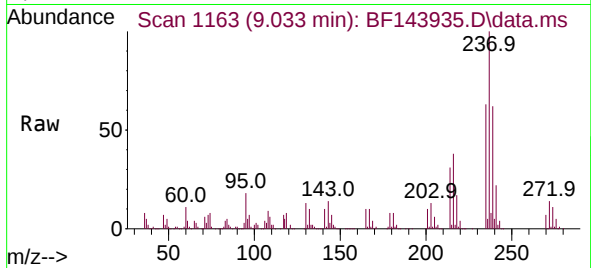




#41
Hexachlorocyclopentadiene
Concen: 113.659 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

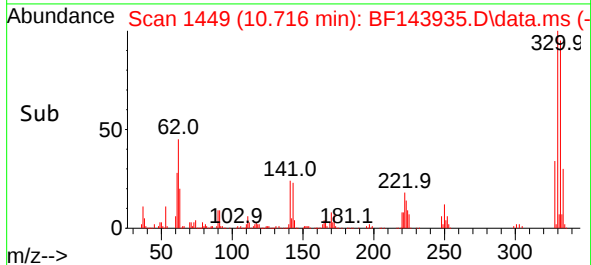
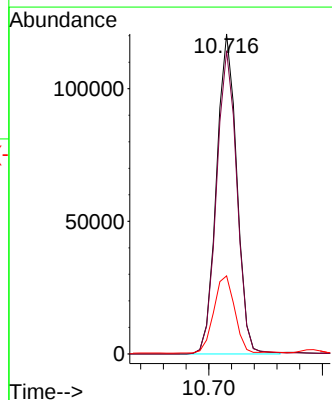
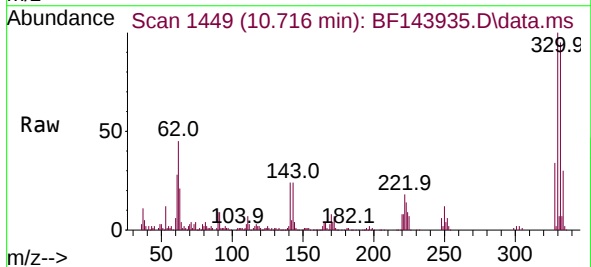
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

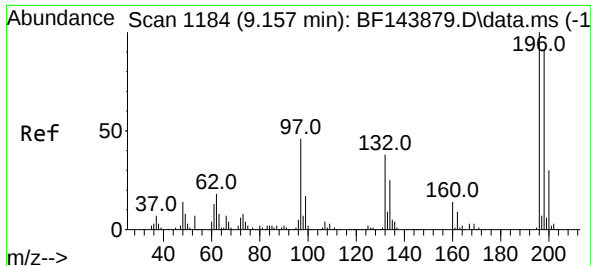
Tgt Ion:237 Resp: 282083
Ion Ratio Lower Upper
237 100
235 63.4 42.3 82.3
272 14.1 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 68.995 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:330 Resp: 148746
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 25.0 20.2 30.4

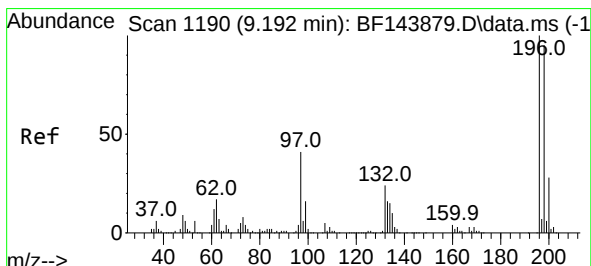
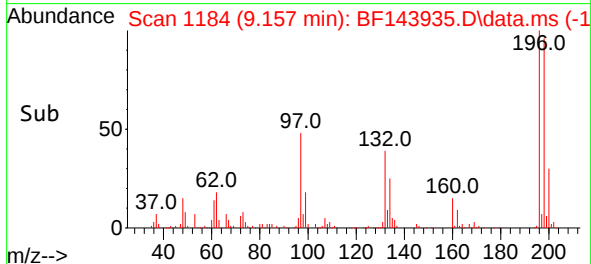
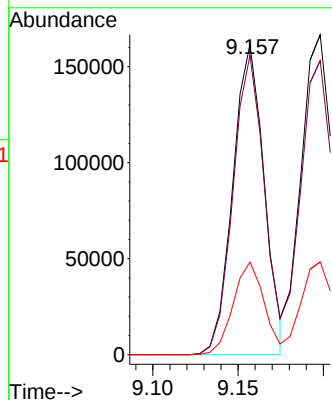
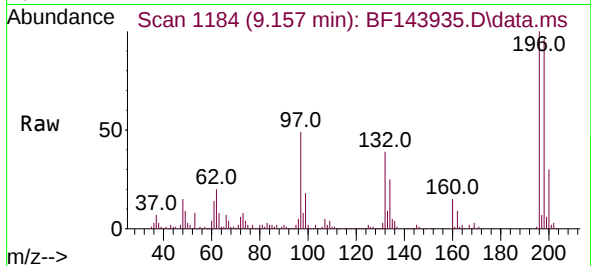




#43
2,4,6-Trichlorophenol
Concen: 47.239 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

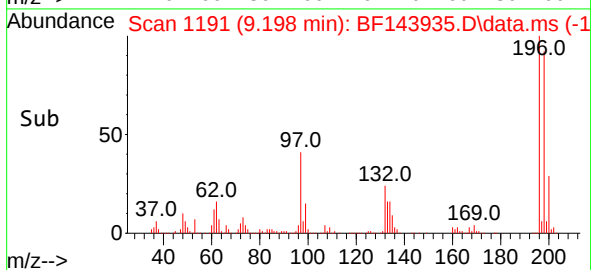
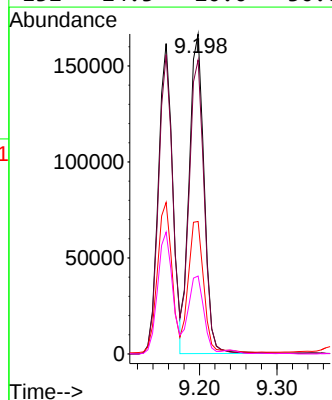
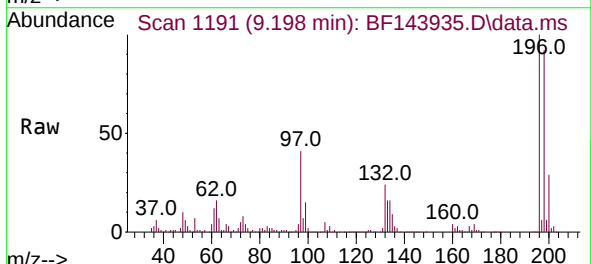
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

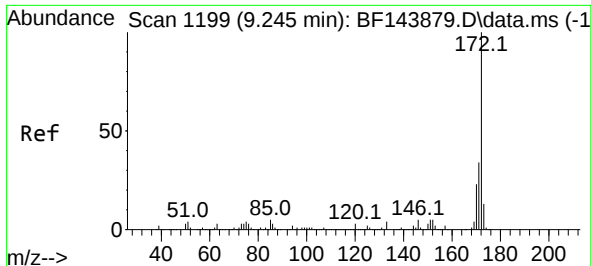
Tgt Ion:196 Resp: 206484
Ion Ratio Lower Upper
196 100
198 96.5 72.8 109.2
200 29.8 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 48.055 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:196 Resp: 221976
Ion Ratio Lower Upper
196 100
198 91.9 75.5 113.3
97 41.4 33.9 50.9
132 24.3 20.0 30.0

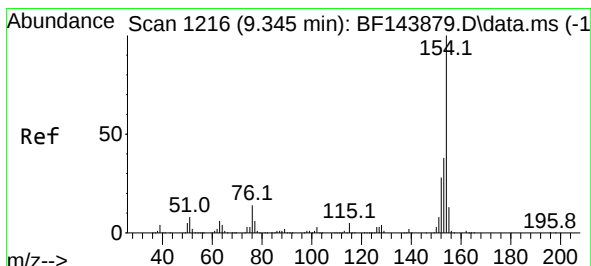
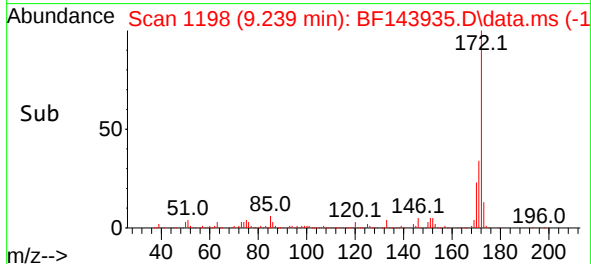
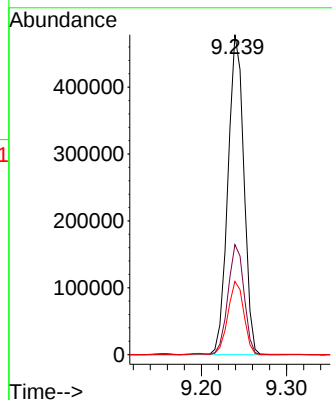
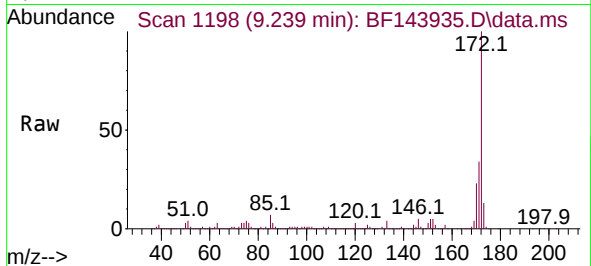




#45
2-Fluorobiphenyl
Concen: 45.452 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

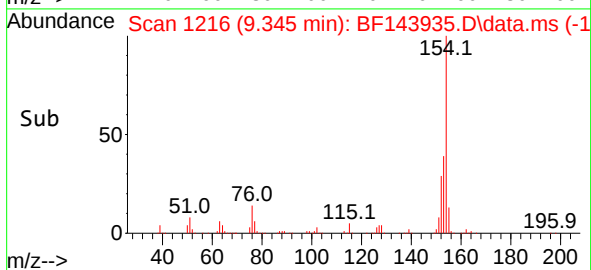
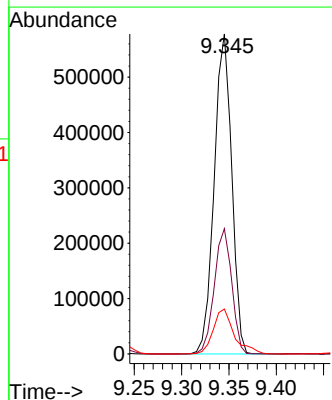
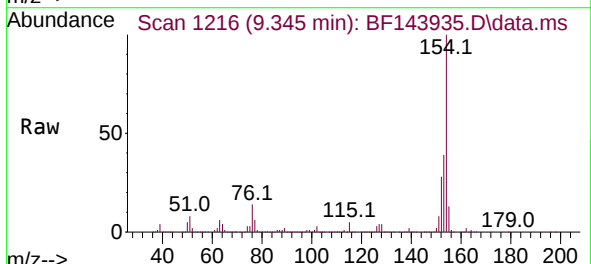
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

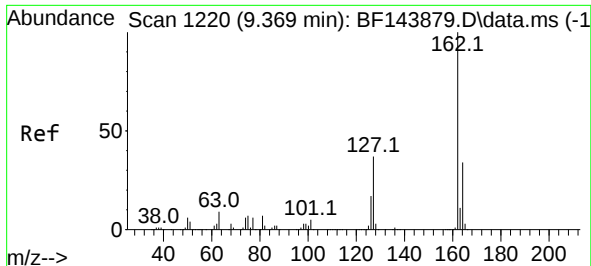
Tgt Ion:172 Resp: 620021
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 22.9 18.6 28.0



#46
1,1'-Biphenyl
Concen: 51.840 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:154 Resp: 742911
Ion Ratio Lower Upper
154 100
153 39.1 18.4 58.4
76 14.0 0.0 34.0

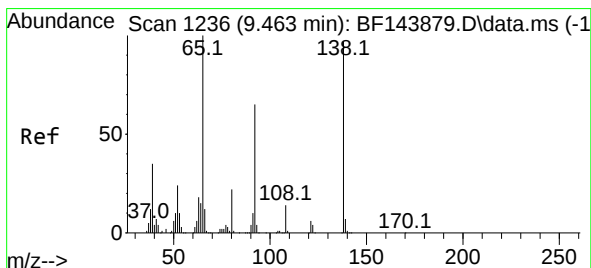
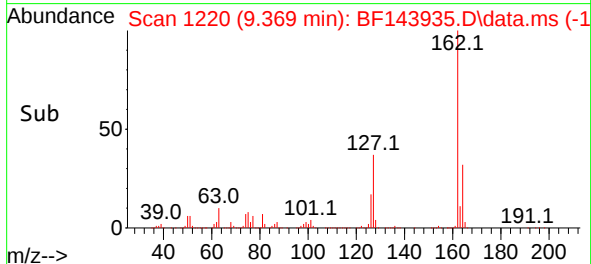
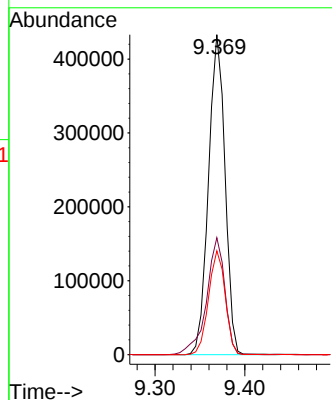
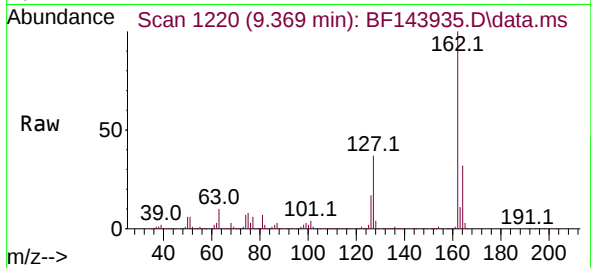




#47
2-Chloronaphthalene
Concen: 46.618 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

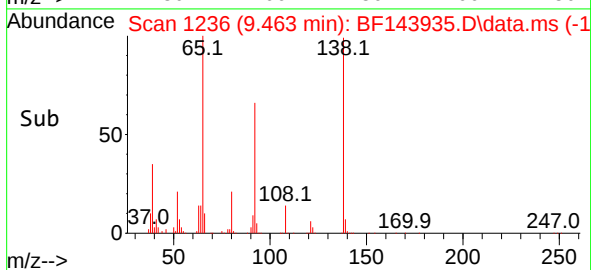
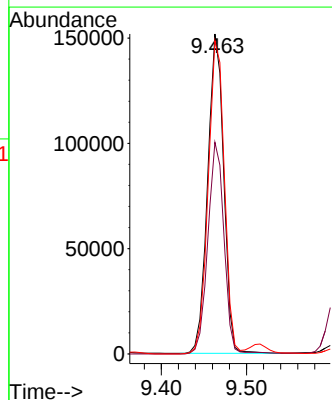
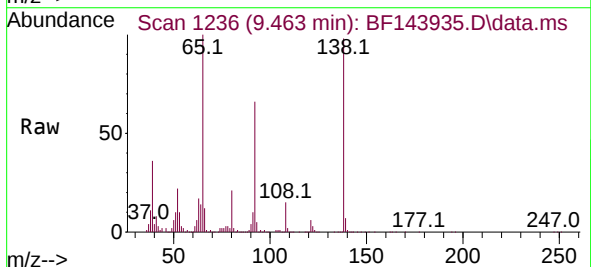
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

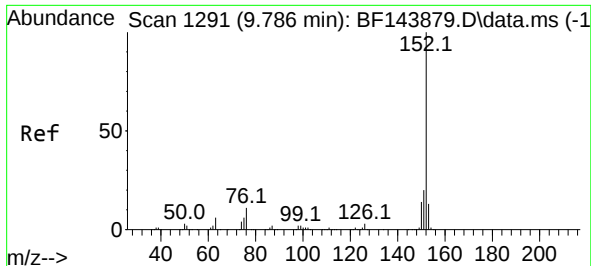
Tgt Ion:162 Resp: 557020
Ion Ratio Lower Upper
162 100
127 36.5 30.2 45.2
164 32.4 26.9 40.3



#48
2-Nitroaniline
Concen: 52.529 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion: 65 Resp: 198434
Ion Ratio Lower Upper
65 100
92 66.1 52.1 78.1
138 97.9 77.4 116.2

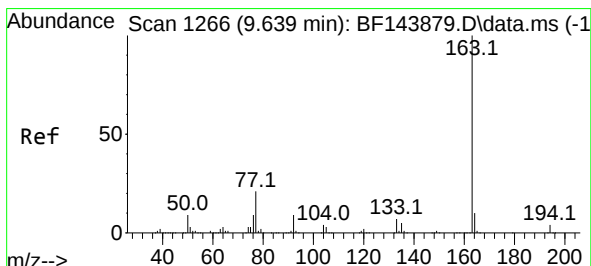
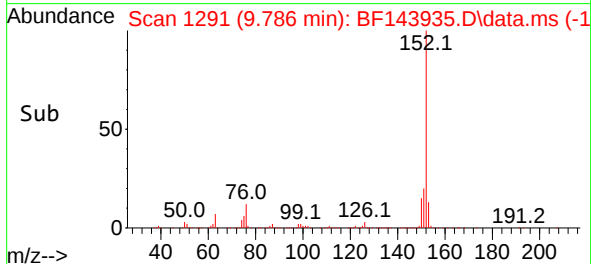
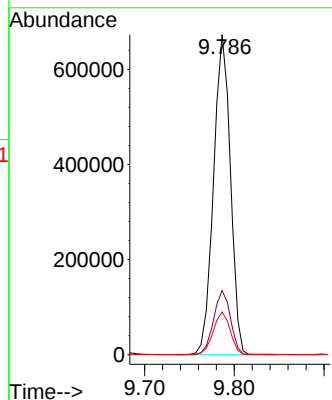
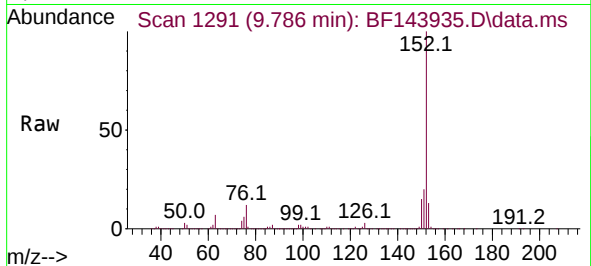




#49
Acenaphthylene
Concen: 52.364 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

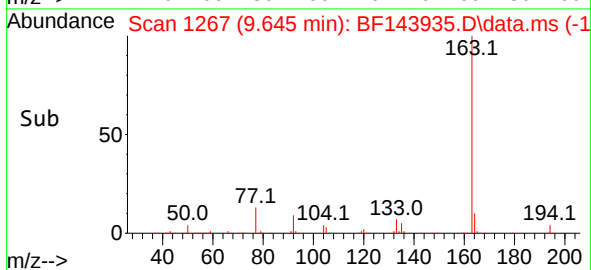
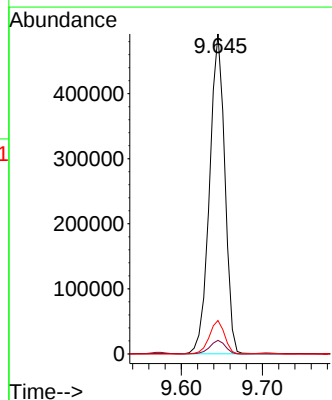
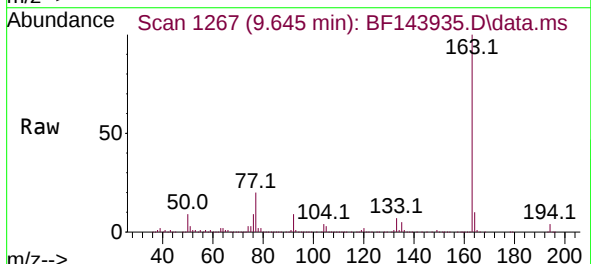
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

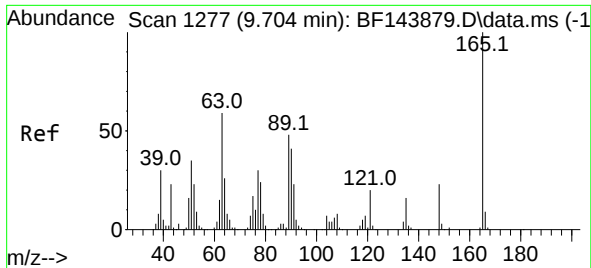
Tgt Ion:152 Resp: 879612
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 46.842 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:163 Resp: 643868
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.1 12.1

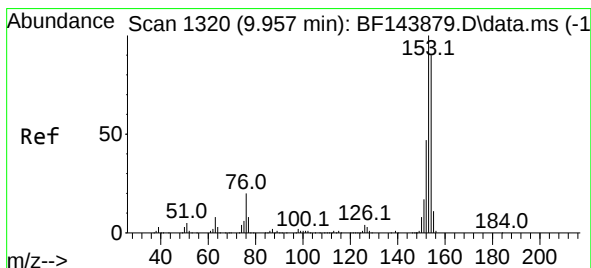
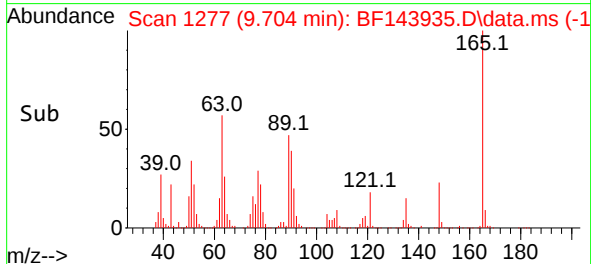
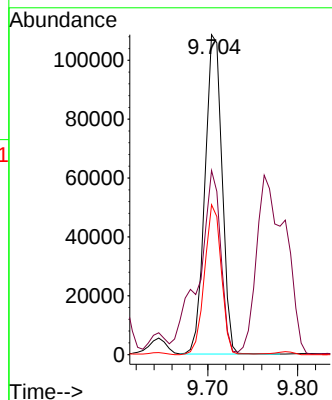
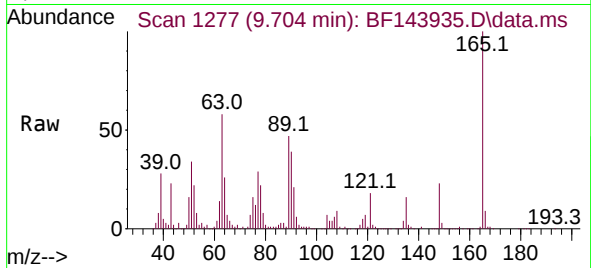




#51
2,6-Dinitrotoluene
Concen: 56.214 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

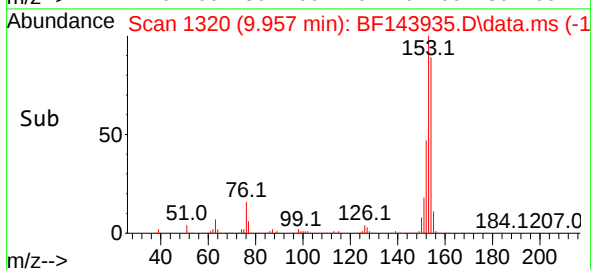
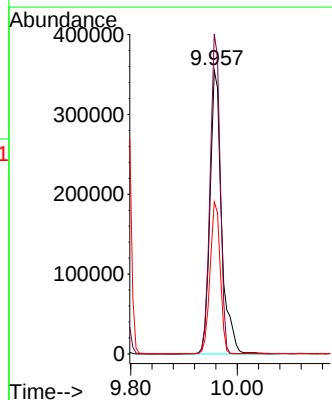
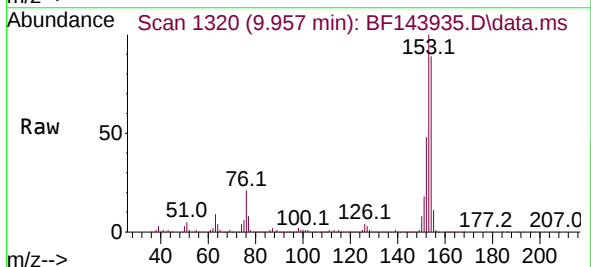
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

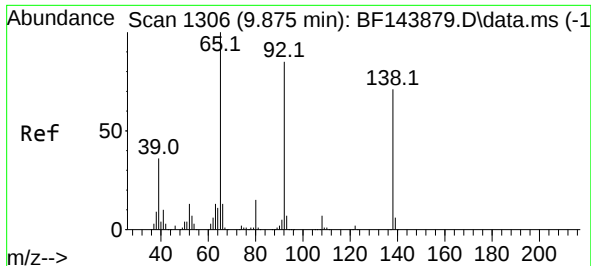
Tgt Ion:165 Resp: 143281
Ion Ratio Lower Upper
165 100
63 57.5 47.3 70.9
89 46.8 38.2 57.4



#52
Acenaphthene
Concen: 48.938 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:154 Resp: 538662
Ion Ratio Lower Upper
154 100
153 112.9 89.3 133.9
152 53.6 42.2 63.2

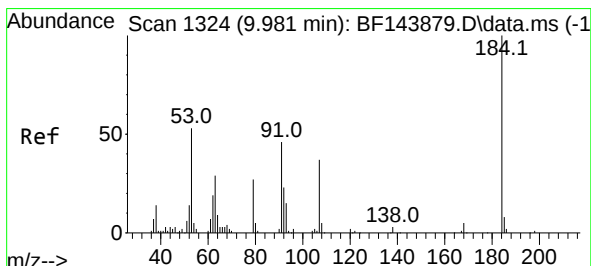
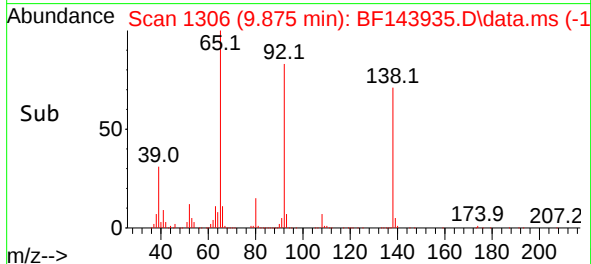
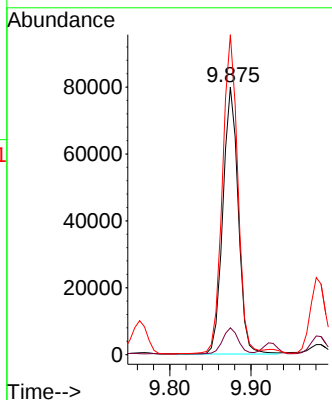
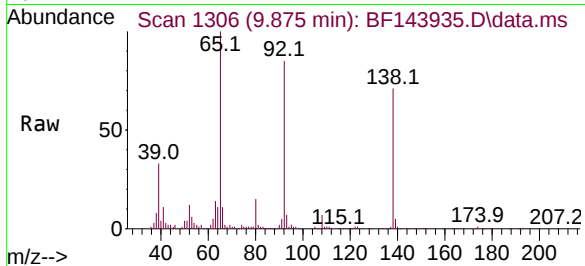




#53
3-Nitroaniline
Concen: 33.516 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

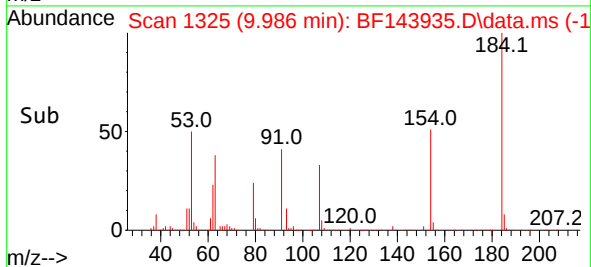
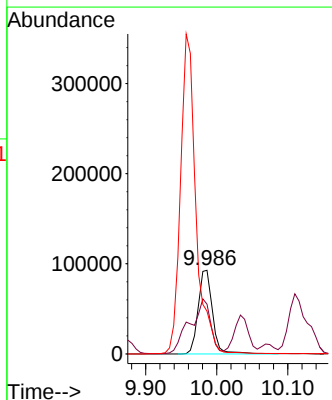
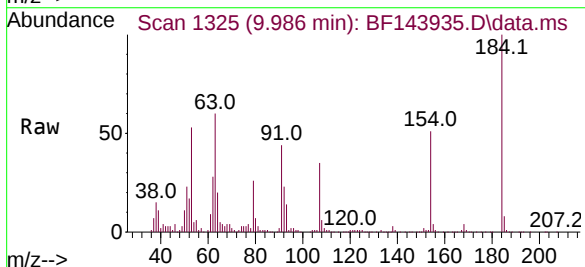
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

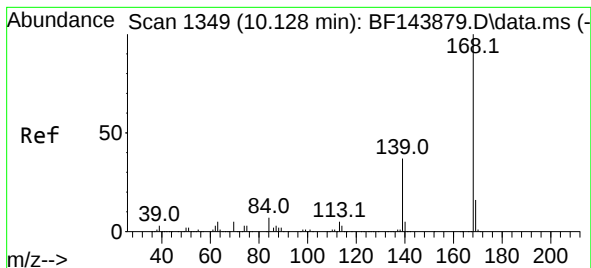
Tgt Ion:138 Resp: 104601
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 119.6 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 82.239 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:184 Resp: 129631
Ion Ratio Lower Upper
184 100
63 59.5 48.2 72.4
154 50.9 49.2 73.8





#55

Dibenzofuran

Concen: 45.855 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

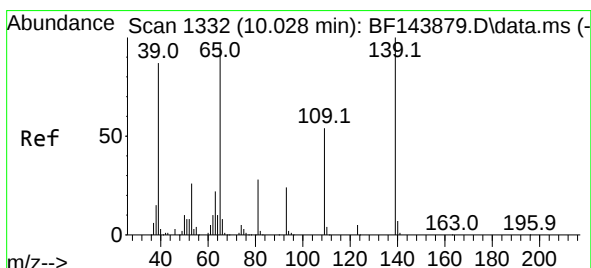
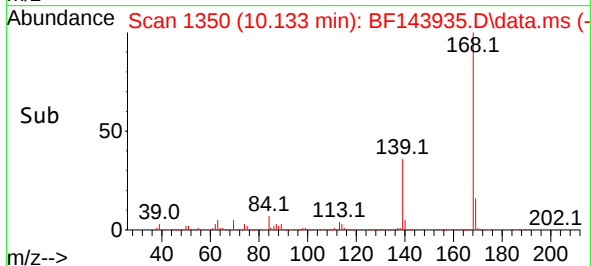
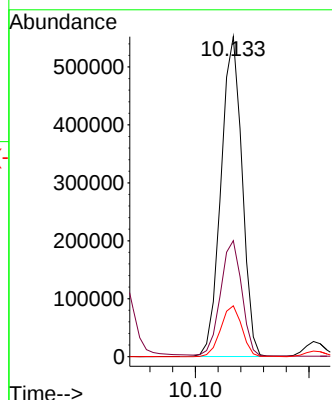
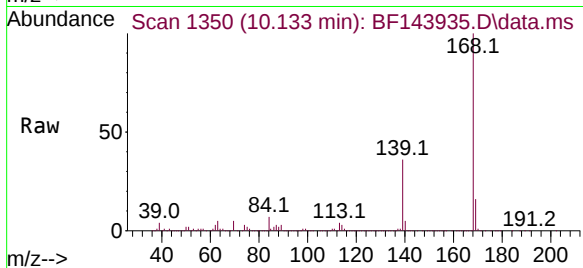
Tgt Ion:168 Resp: 712474

Ion Ratio Lower Upper

168 100

139 36.2 29.8 44.8

169 15.9 12.8 19.2



#56

4-Nitrophenol

Concen: 90.092 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

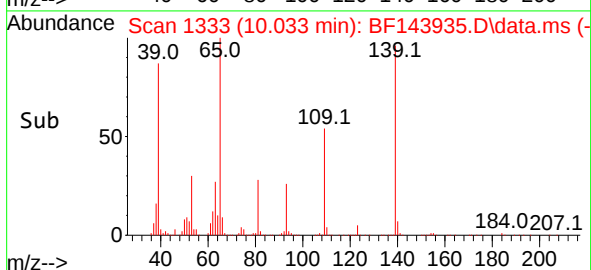
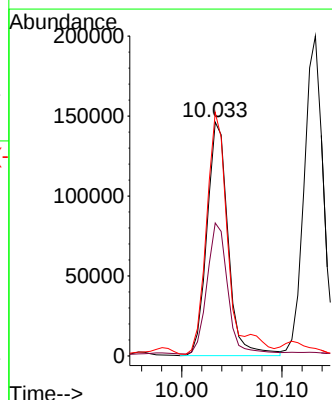
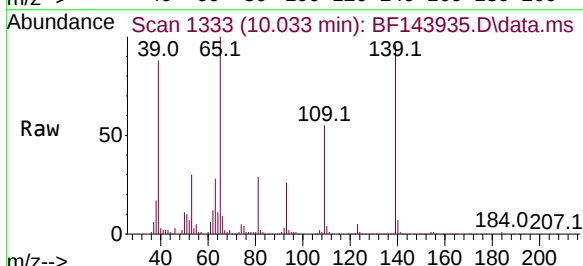
Tgt Ion:139 Resp: 212893

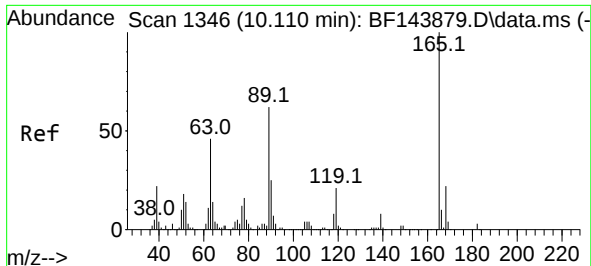
Ion Ratio Lower Upper

139 100

109 56.9 34.5 74.5

65 104.1 77.6 117.6

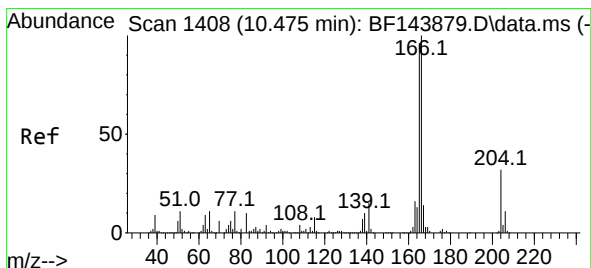
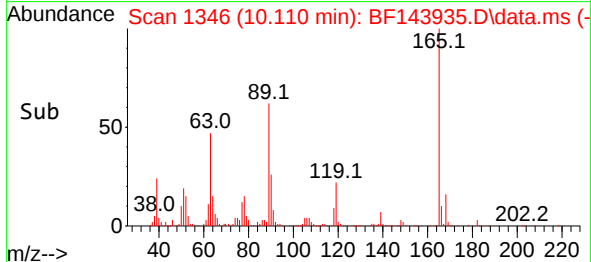
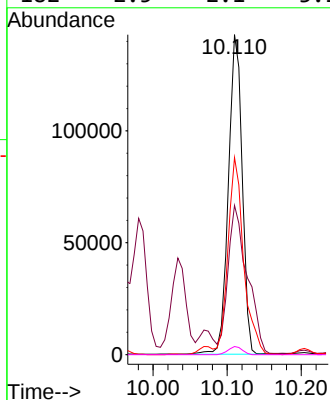
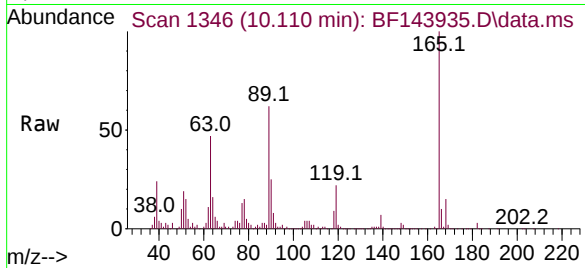




#57
2,4-Dinitrotoluene
Concen: 53.327 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

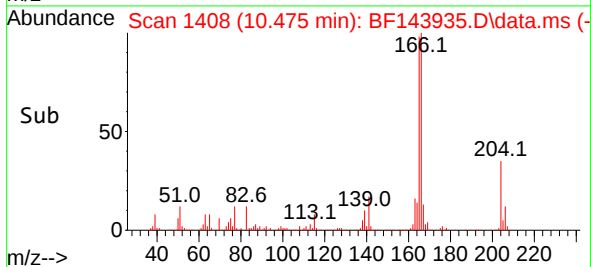
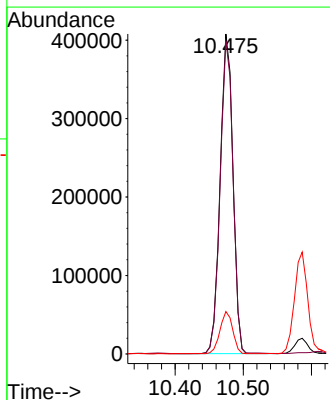
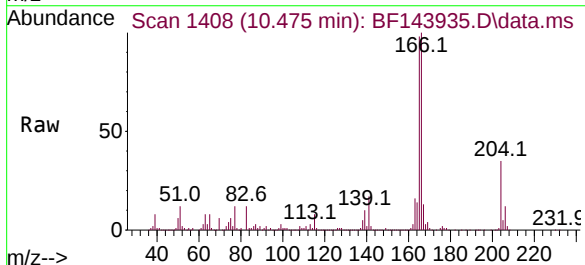
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

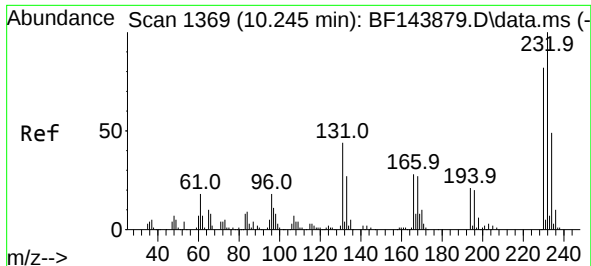
Tgt Ion:165 Resp: 184940
Ion Ratio Lower Upper
165 100
63 46.6 37.2 55.8
89 61.6 49.4 74.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 45.061 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:166 Resp: 528307
Ion Ratio Lower Upper
166 100
165 97.9 77.0 115.6
167 13.2 11.1 16.7

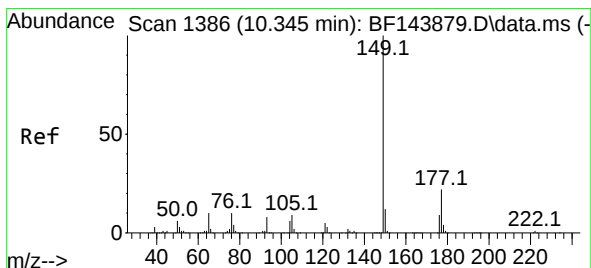
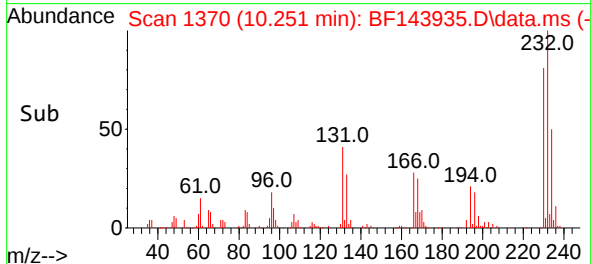
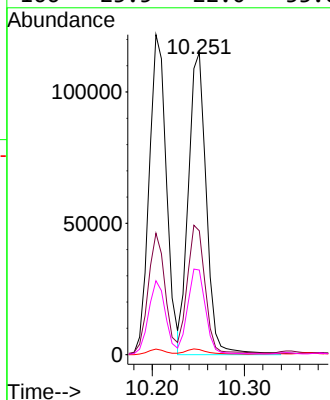
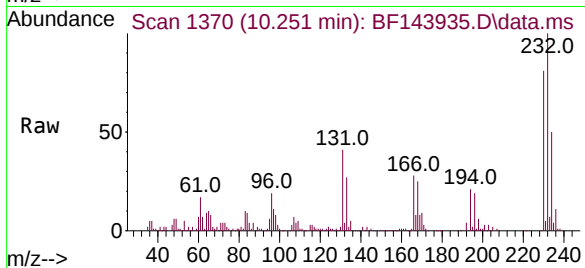




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.310 ng m
RT: 10.251 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

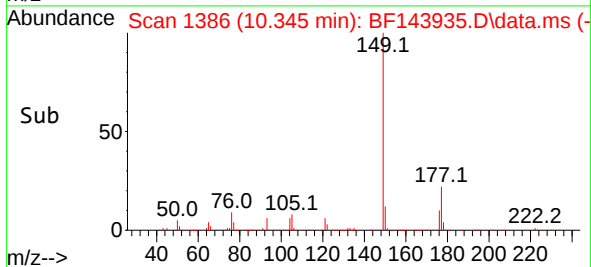
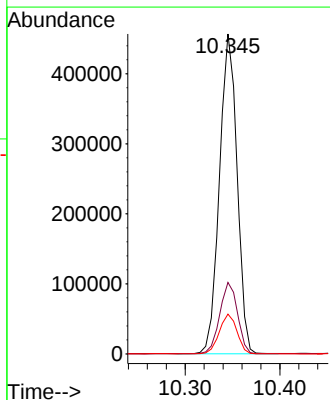
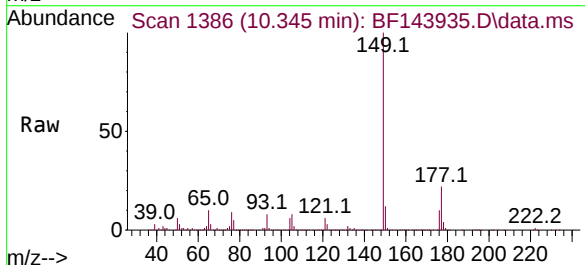
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

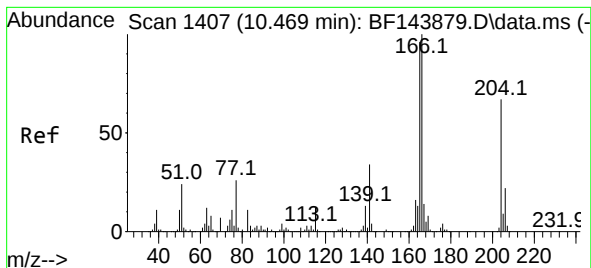
Tgt Ion:232 Resp: 154695
Ion Ratio Lower Upper
232 100
131 38.2 34.9 52.3
130 1.9 1.6 2.4
166 23.5 22.0 33.0



#60
Diethylphthalate
Concen: 46.124 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:149 Resp: 588987
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.4 9.8 14.8

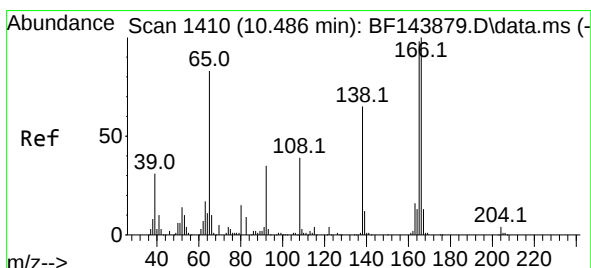
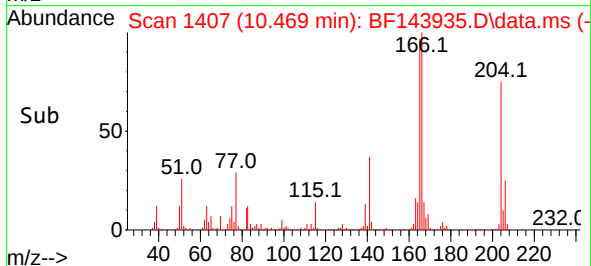
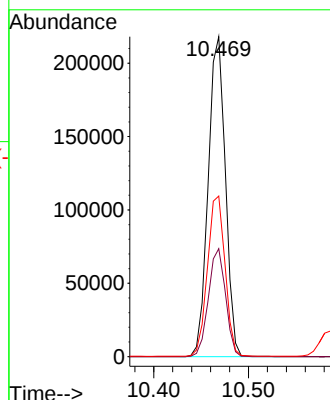
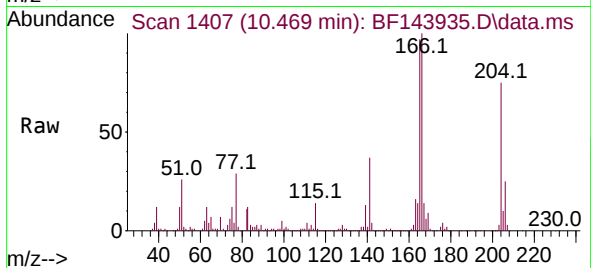




#61
4-Chlorophenyl-phenylether
Concen: 44.459 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

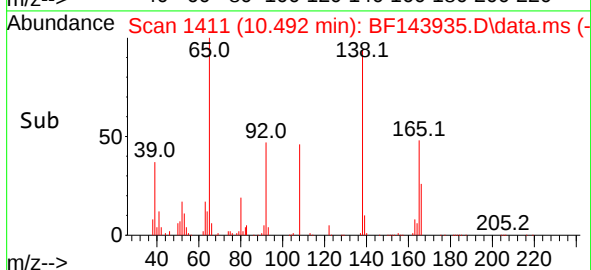
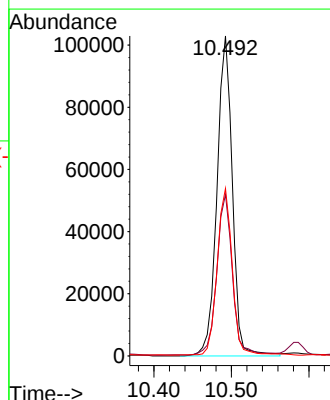
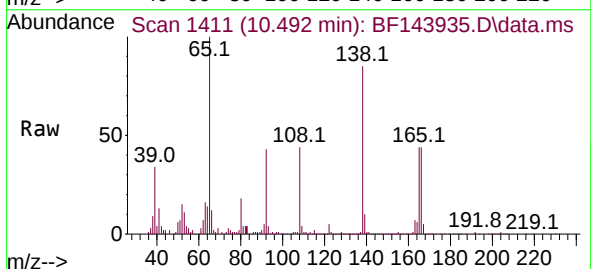
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

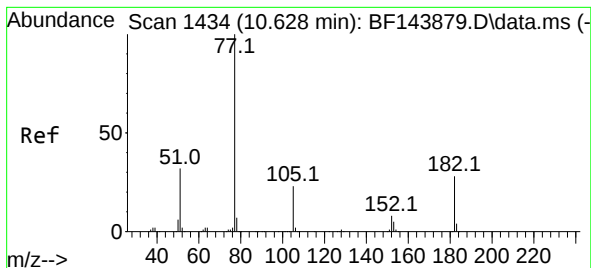
Tgt Ion:204 Resp: 275581
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 50.2 40.4 60.6



#62
4-Nitroaniline
Concen: 47.305 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:138 Resp: 141971
Ion Ratio Lower Upper
138 100
92 50.5 33.9 73.9
108 52.3 40.2 80.2





#63

Azobenzene

Concen: 50.466 ng

RT: 10.627 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

Tgt Ion: 77 Resp: 673525

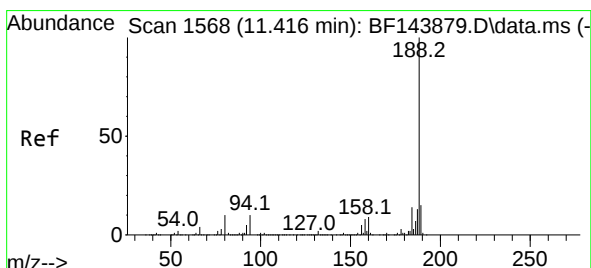
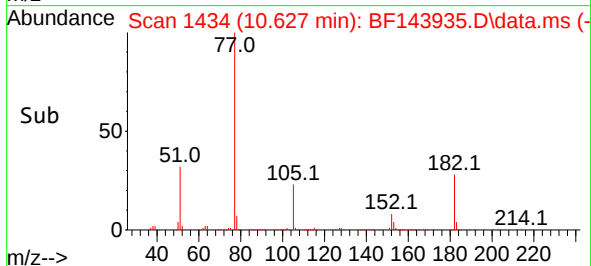
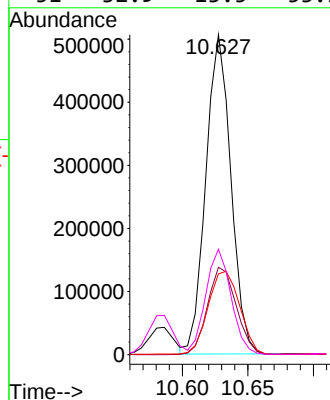
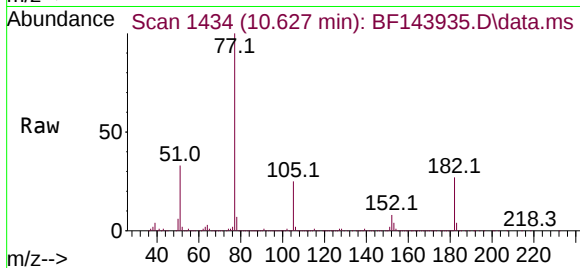
Ion Ratio Lower Upper

77 100

182 27.3 7.3 47.3

105 25.2 3.0 43.0

51 32.9 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

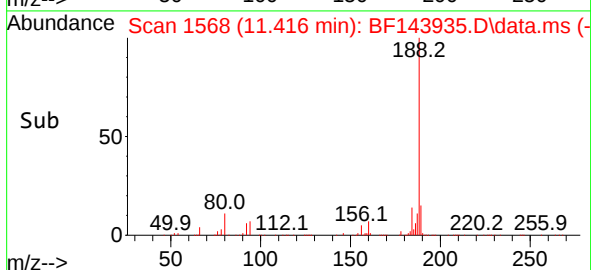
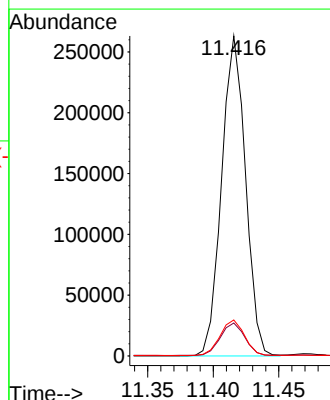
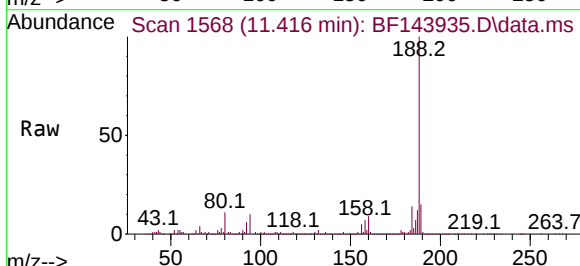
Tgt Ion:188 Resp: 333679

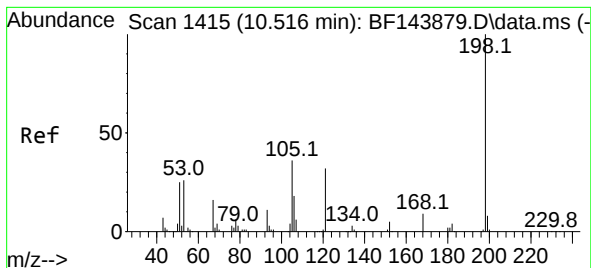
Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

80 11.2 7.9 11.9

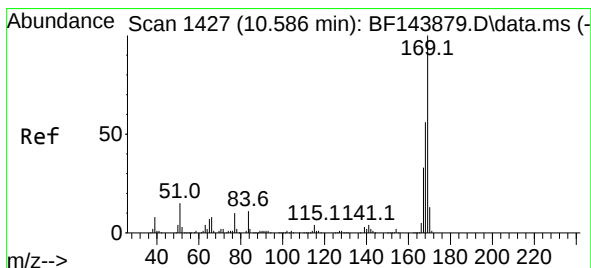
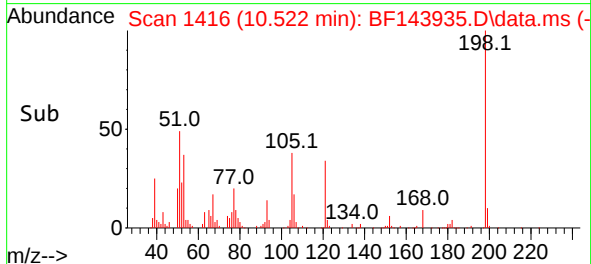
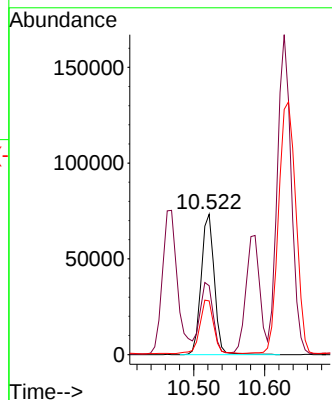
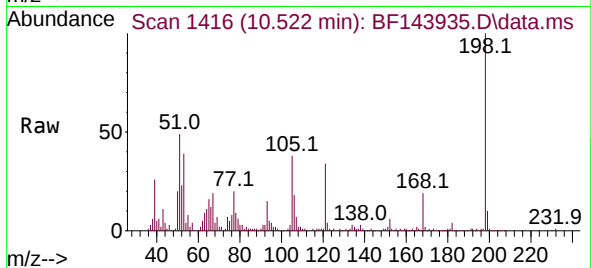




#65
4,6-Dinitro-2-methylphenol
Concen: 55.840 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

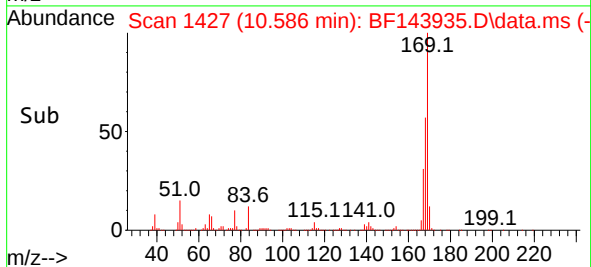
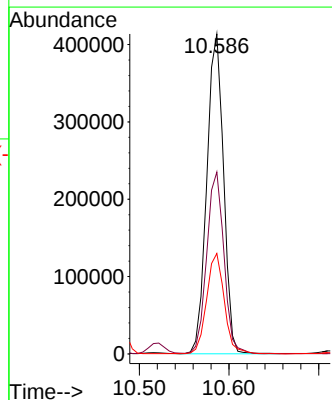
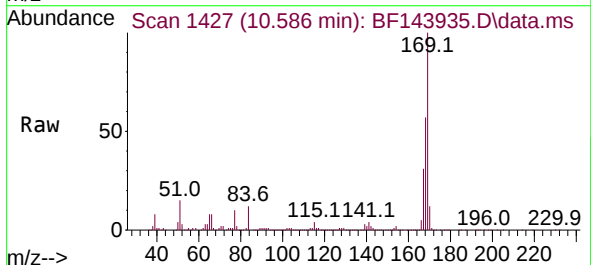
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

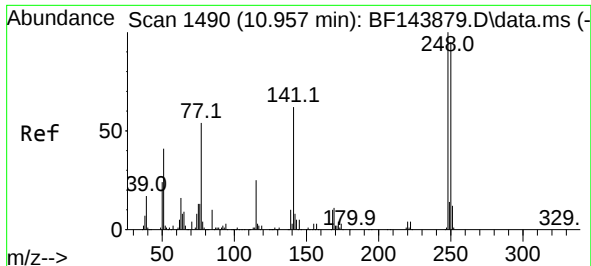
Tgt Ion:198 Resp: 93633
Ion Ratio Lower Upper
198 100
51 49.1 33.8 73.8
105 38.2 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 51.141 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

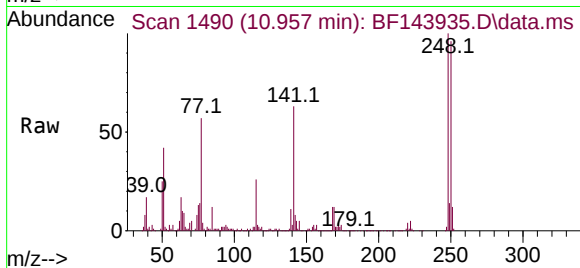
Tgt Ion:169 Resp: 535812
Ion Ratio Lower Upper
169 100
168 56.8 44.9 67.3
167 31.4 26.3 39.5



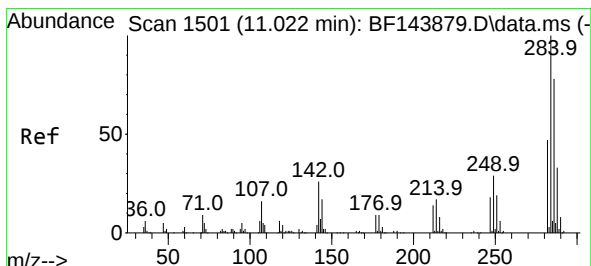
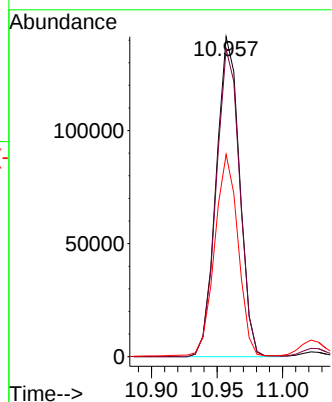
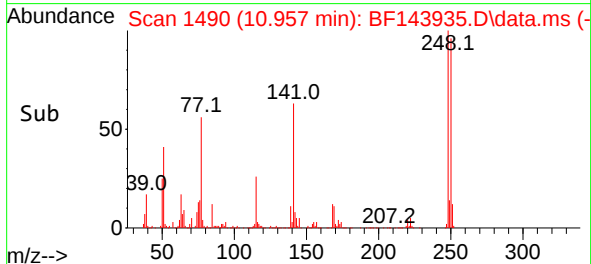


#67
4-Bromophenyl-phenylether
Concen: 47.781 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

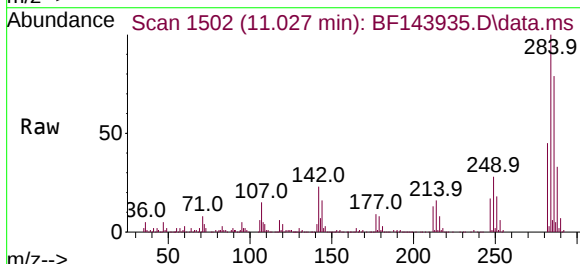
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS



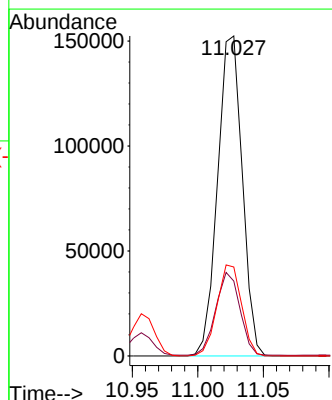
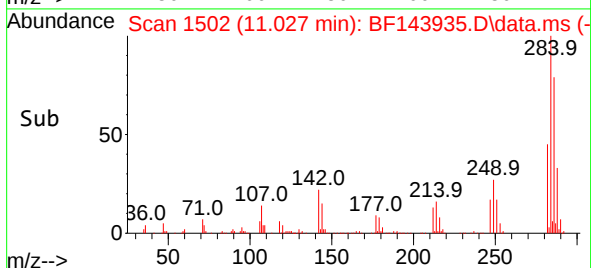
Tgt Ion:248 Resp: 176200
Ion Ratio Lower Upper
248 100
250 96.1 76.3 114.5
141 63.2 49.7 74.5

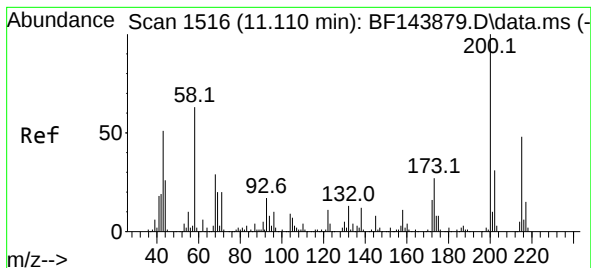


#68
Hexachlorobenzene
Concen: 46.776 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33



Tgt Ion:284 Resp: 199700
Ion Ratio Lower Upper
284 100
142 23.4 20.6 30.8
249 27.8 23.2 34.8





#69

Atrazine

Concen: 51.363 ng

RT: 11.116 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

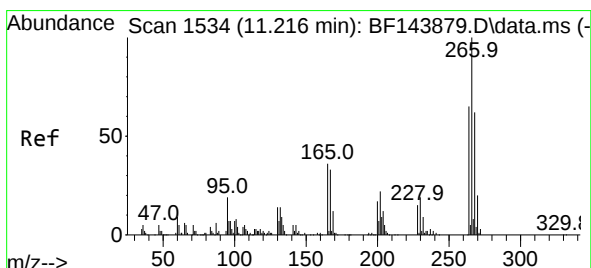
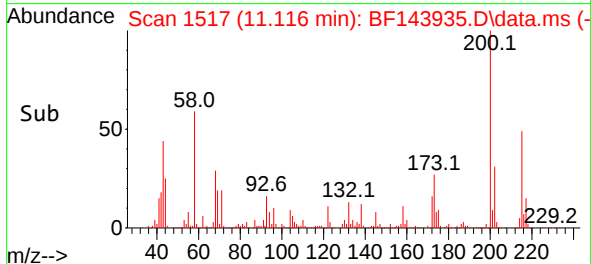
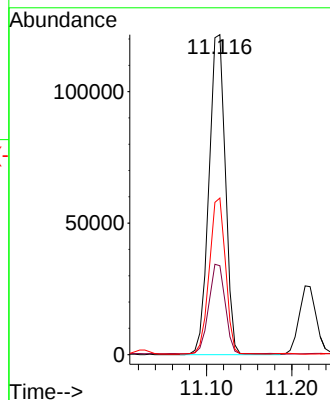
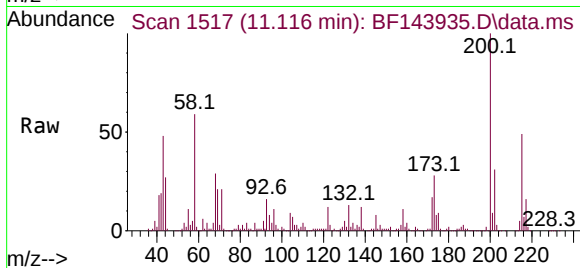
Tgt Ion:200 Resp: 163108

Ion Ratio Lower Upper

200 100

173 27.8 7.0 47.0

215 48.9 27.8 67.8



#70

Pentachlorophenol

Concen: 90.406 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

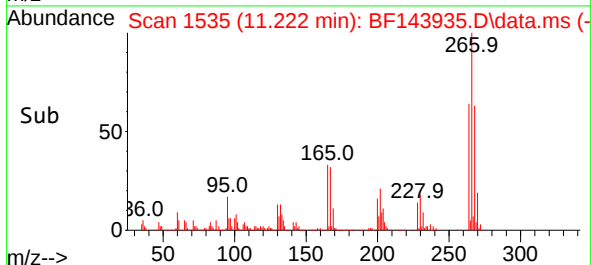
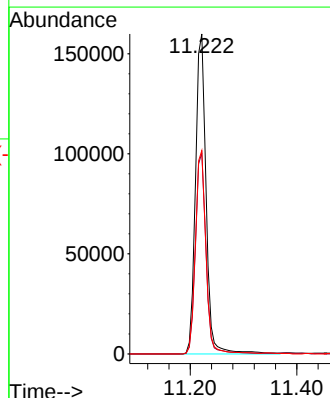
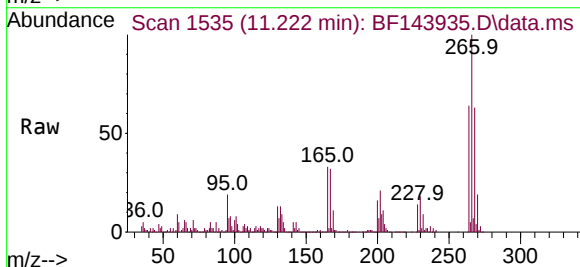
Tgt Ion:266 Resp: 221671

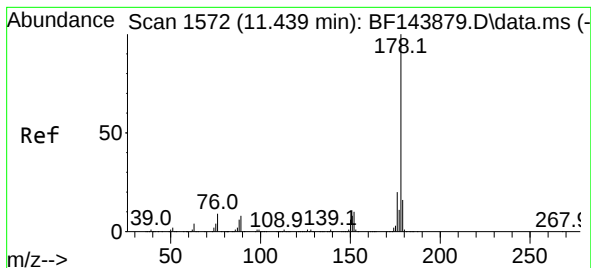
Ion Ratio Lower Upper

266 100

268 62.8 49.4 74.0

264 63.5 51.8 77.6





#71

Phenanthrene

Concen: 47.135 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

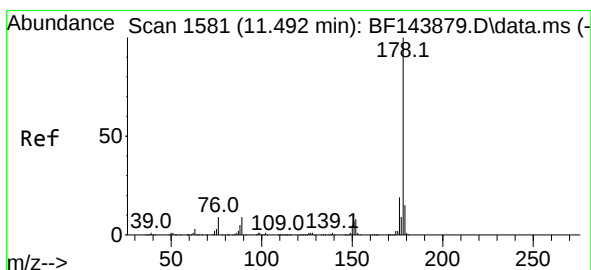
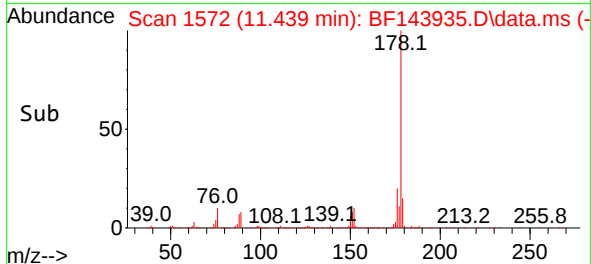
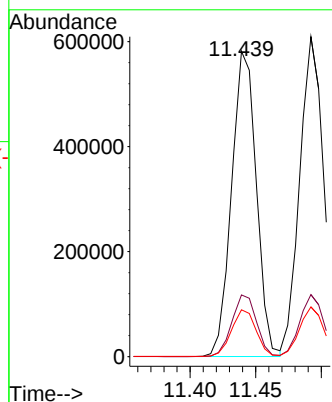
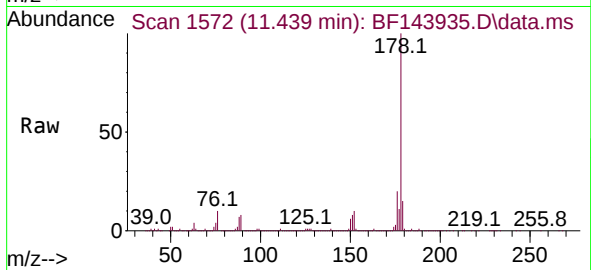
Tgt Ion:178 Resp: 762488

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

179 15.3 12.4 18.6



#72

Anthracene

Concen: 47.311 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

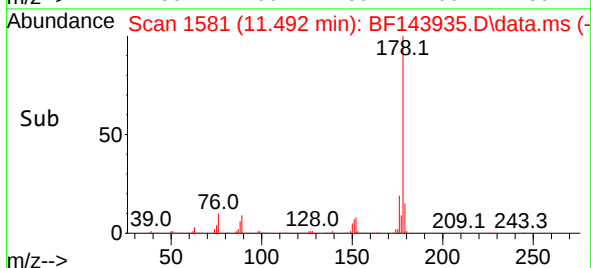
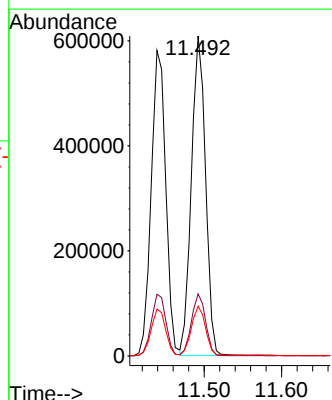
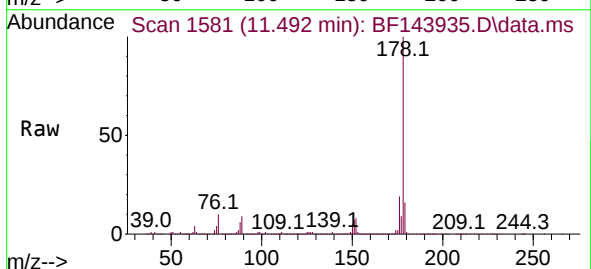
Tgt Ion:178 Resp: 773184

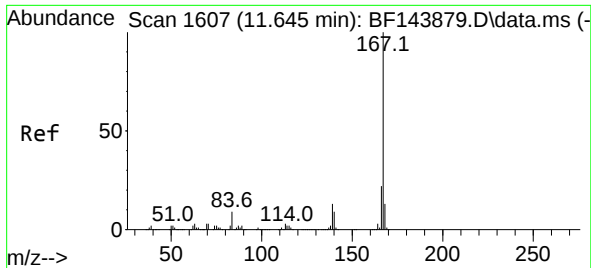
Ion Ratio Lower Upper

178 100

176 19.4 14.9 22.3

179 15.5 12.2 18.2

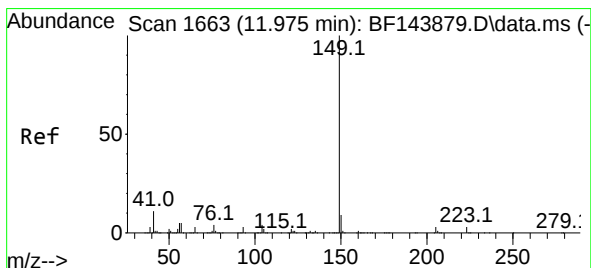
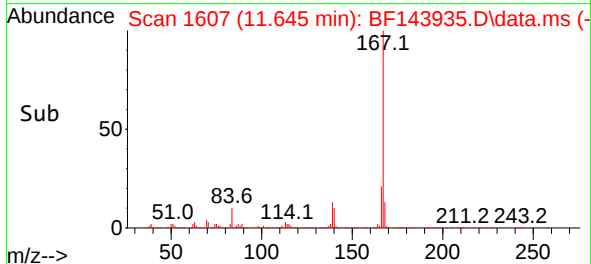
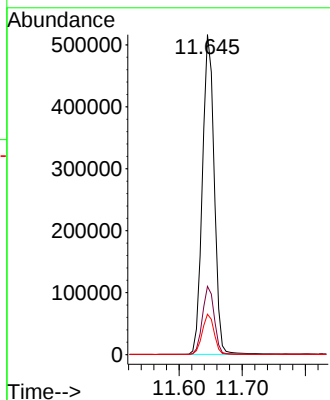
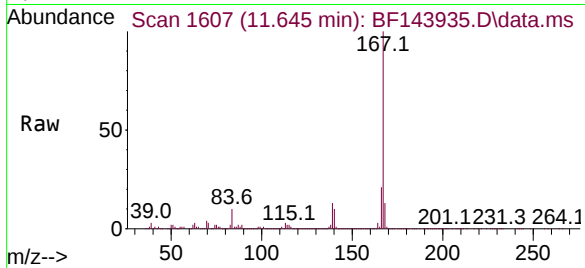




#73
 Carbazole
 Concen: 46.318 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143935.D
 Acq: 13 Oct 2025 16:33

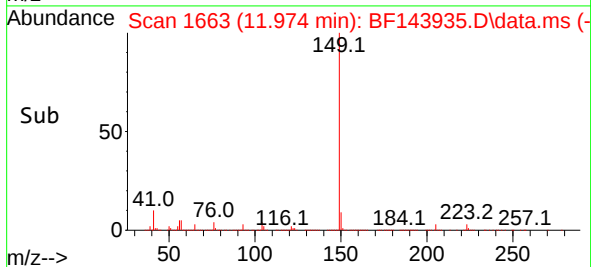
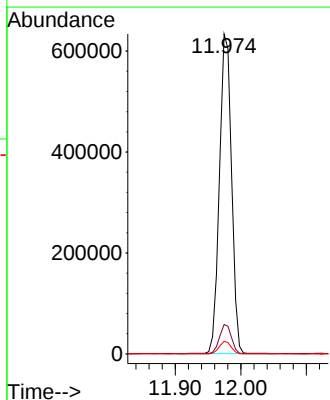
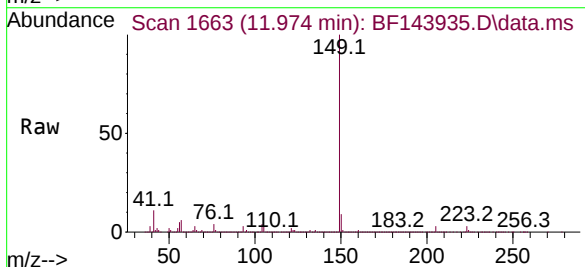
Instrument :
 BNA_F
 ClientSampleId :
 SED-04-0-2MS

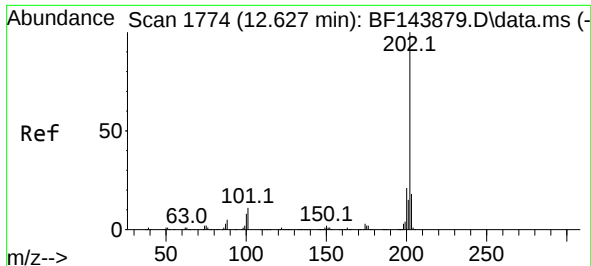
Tgt Ion:167 Resp: 670408
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.7 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 48.629 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143935.D
 Acq: 13 Oct 2025 16:33

Tgt Ion:149 Resp: 815746
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 3.9 3.4 5.2

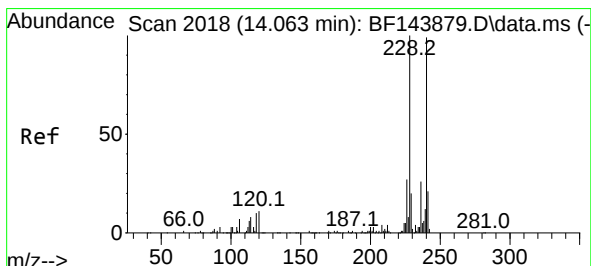
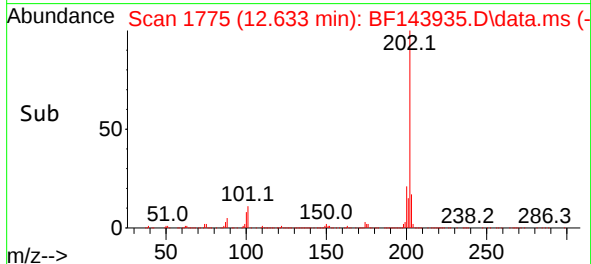
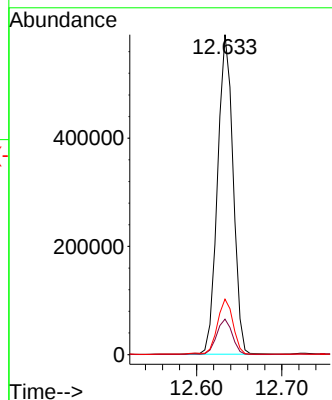
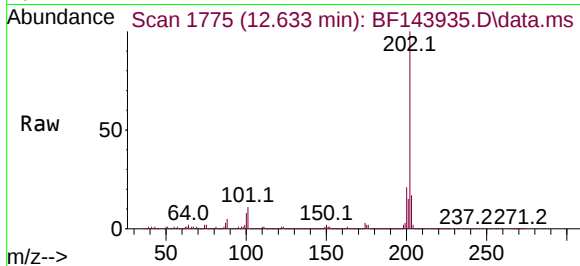




#75
Fluoranthene
Concen: 44.770 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

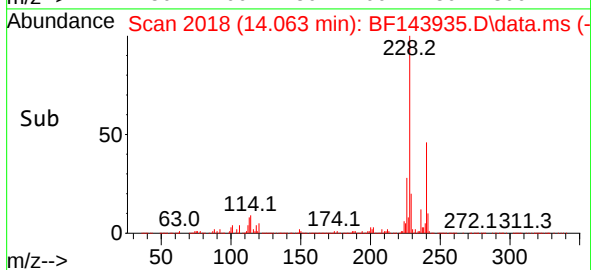
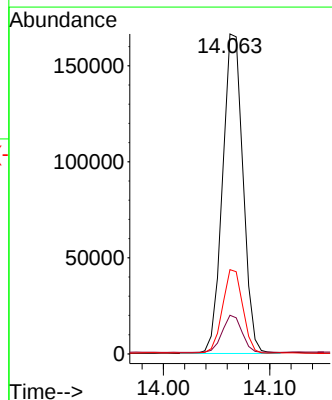
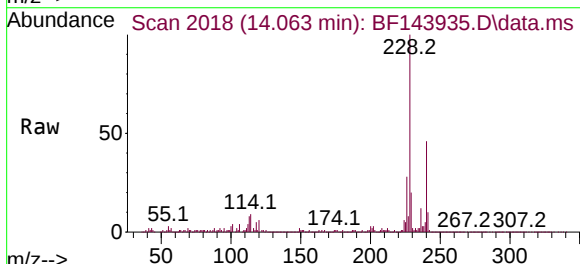
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

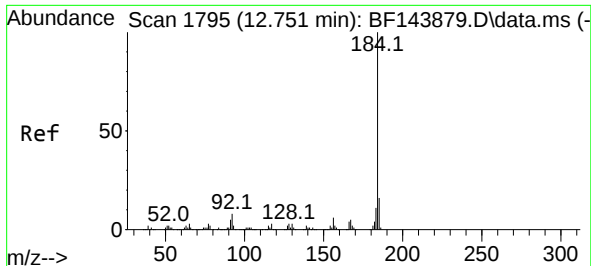
Tgt Ion:202 Resp: 748079
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.7
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:240 Resp: 222422
Ion Ratio Lower Upper
240 100
120 12.1 8.6 13.0
236 26.3 21.1 31.7

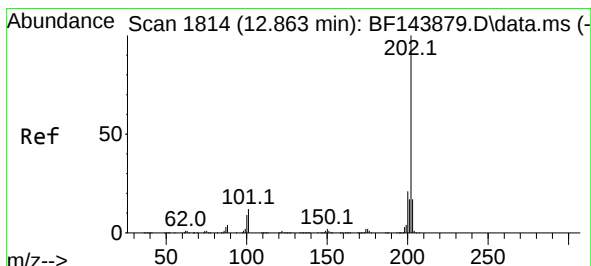
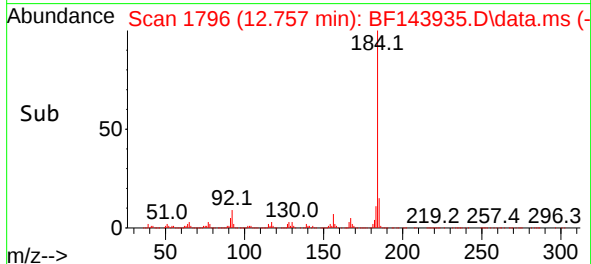
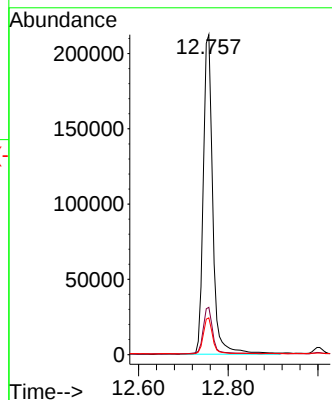
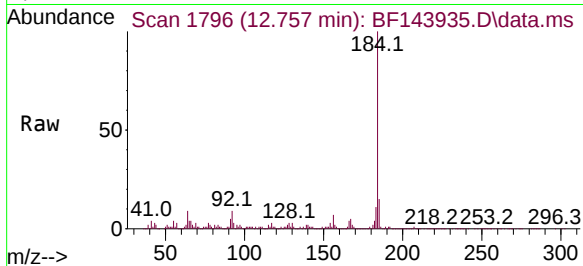




#77
Benzidine
Concen: 40.395 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

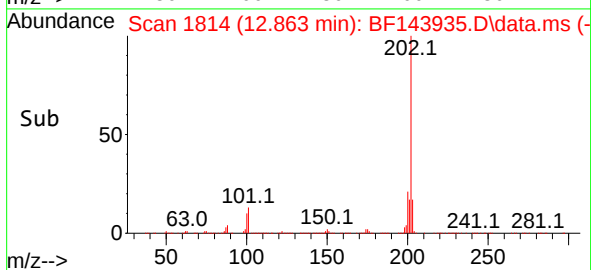
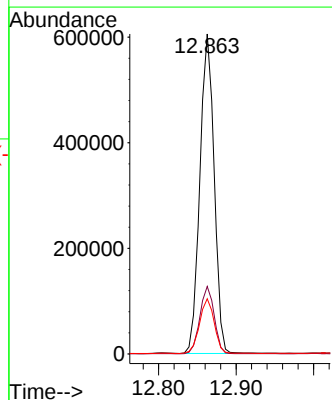
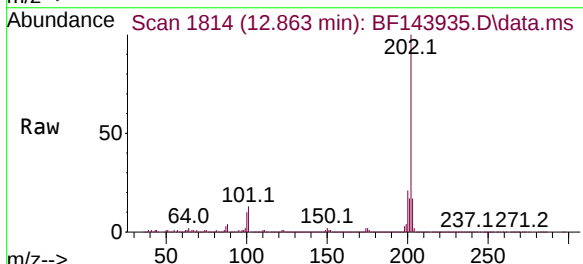
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

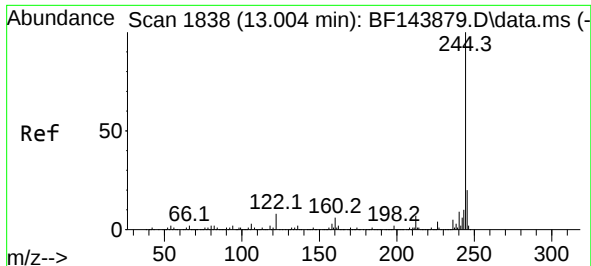
Tgt Ion:184 Resp: 311975
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 11.5 8.8 13.2



#78
Pyrene
Concen: 41.773 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:202 Resp: 774591
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.2 13.8 20.6

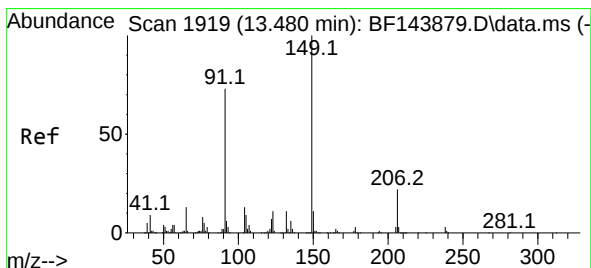
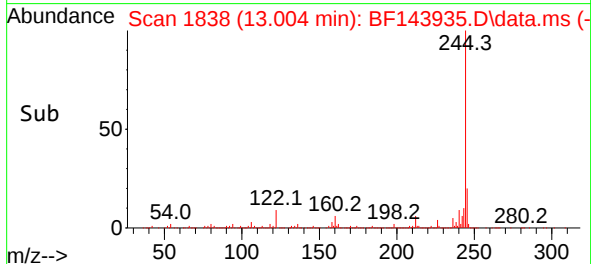
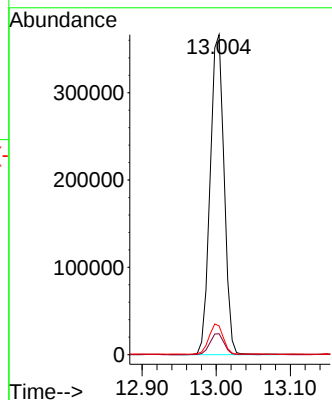
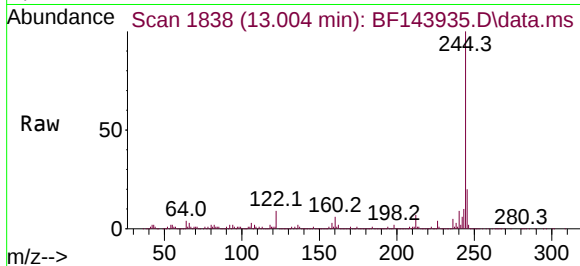




#79
 Terphenyl-d14
 Concen: 36.848 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143935.D
 Acq: 13 Oct 2025 16:33

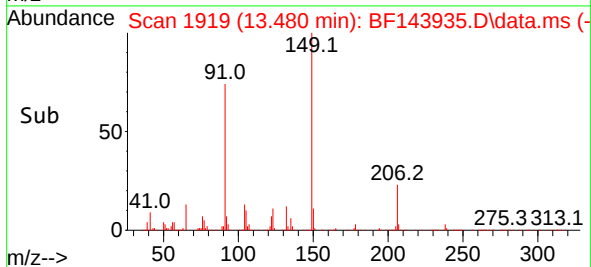
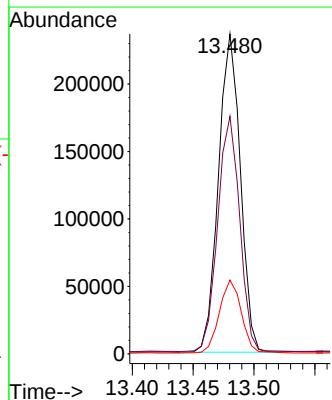
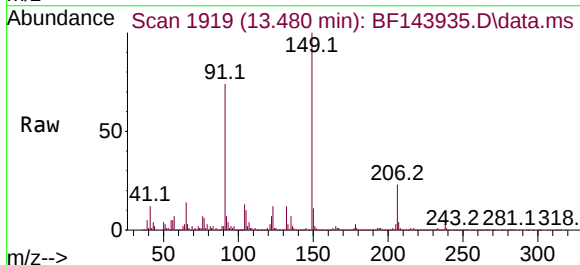
Instrument :
 BNA_F
 ClientSampleId :
 SED-04-0-2MS

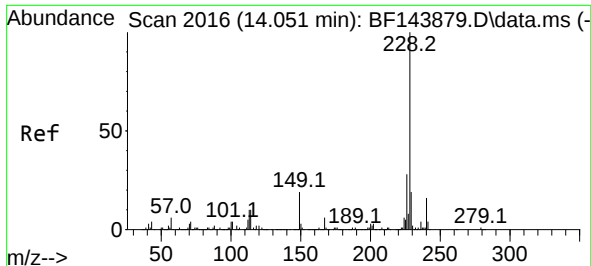
Tgt Ion:244 Resp: 479545
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.0 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 49.119 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143935.D
 Acq: 13 Oct 2025 16:33

Tgt Ion:149 Resp: 295803
 Ion Ratio Lower Upper
 149 100
 91 74.2 58.2 87.2
 206 23.1 17.9 26.9

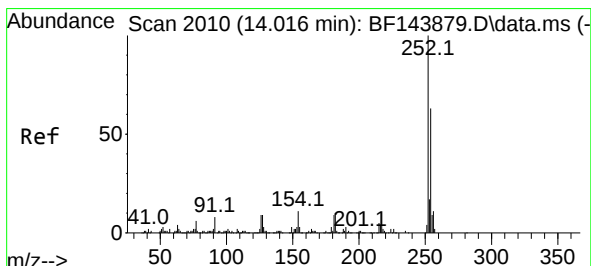
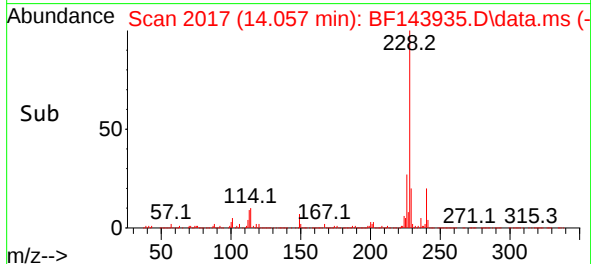
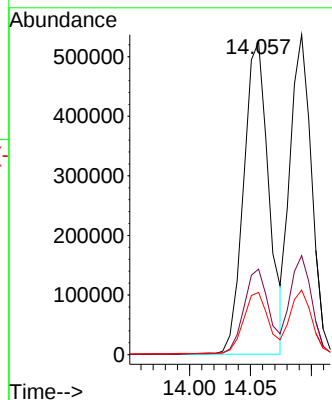
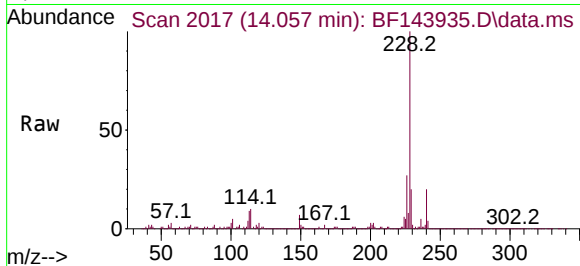




#81
Benzo(a)anthracene
Concen: 51.697 ng
RT: 14.057 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

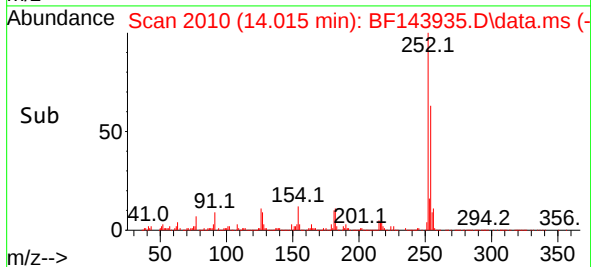
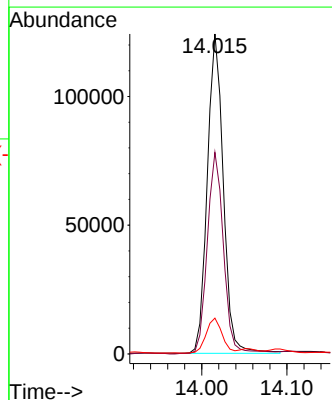
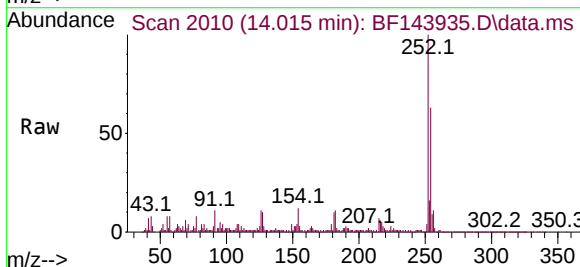
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MS

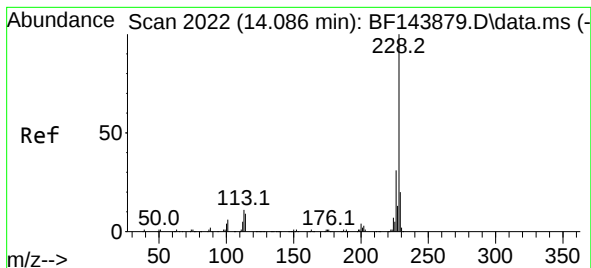
Tgt Ion:228 Resp: 752478
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 19.9 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 36.524 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143935.D
Acq: 13 Oct 2025 16:33

Tgt Ion:252 Resp: 162011
Ion Ratio Lower Upper
252 100
254 63.0 50.6 76.0
126 11.2 7.0 10.6#





#83

Chrysene

Concen: 48.409 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

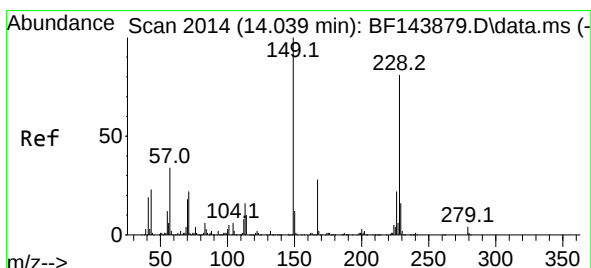
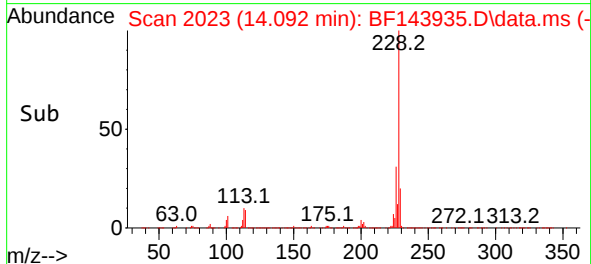
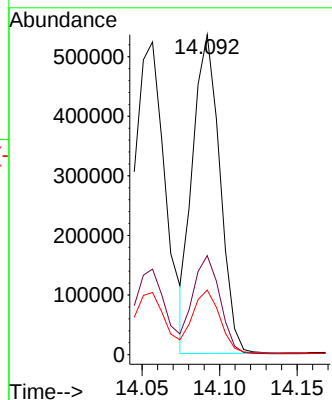
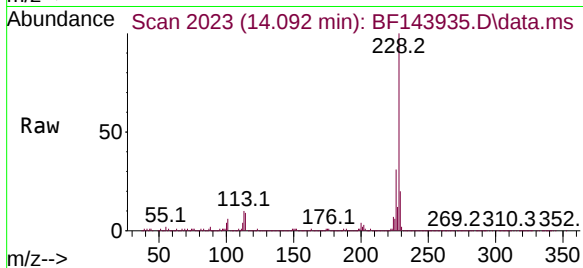
Tgt Ion:228 Resp: 652141

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.860 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

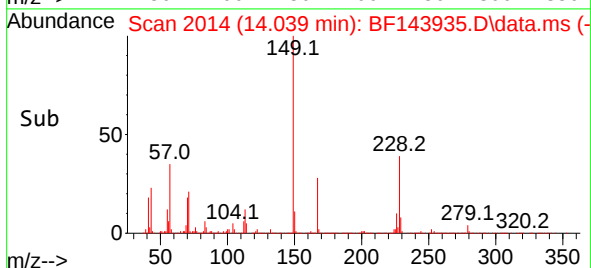
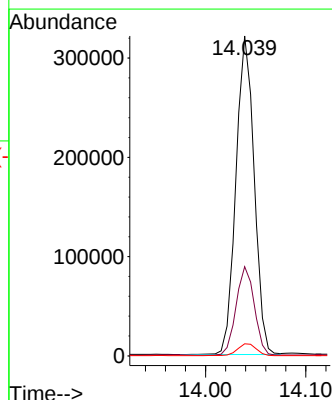
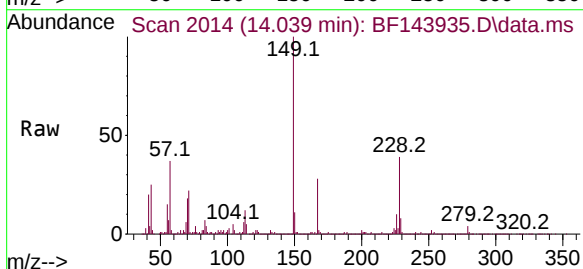
Tgt Ion:149 Resp: 405514

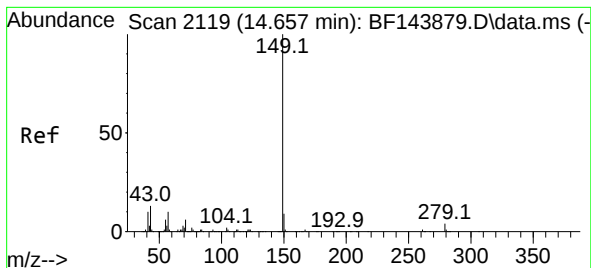
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 65.511 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

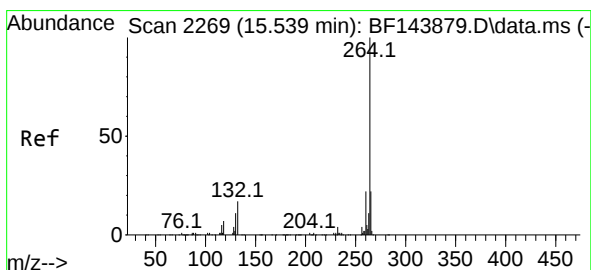
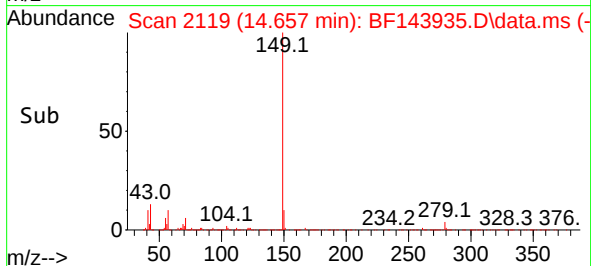
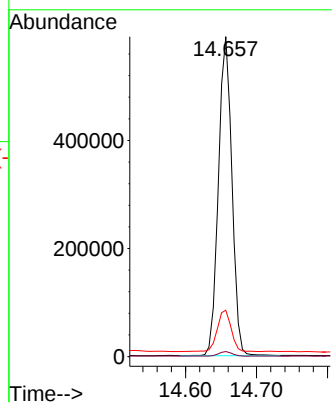
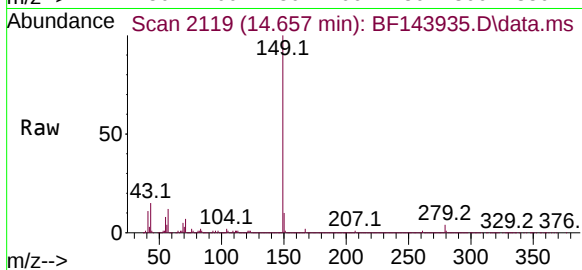
Tgt Ion:149 Resp: 781103

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 13.4 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

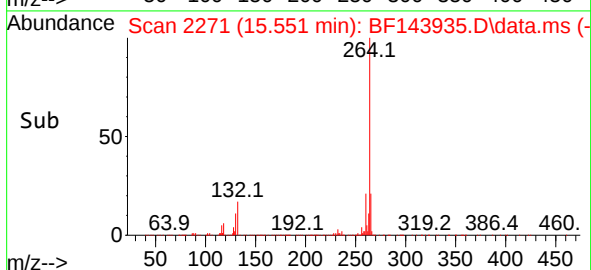
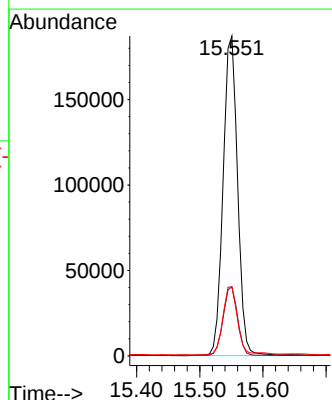
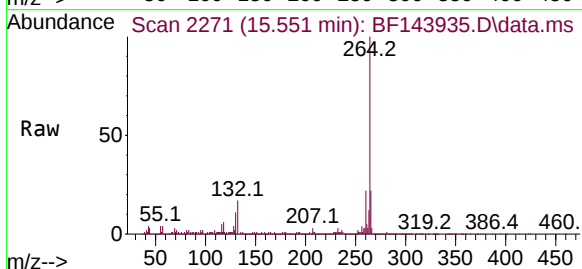
Tgt Ion:264 Resp: 297210

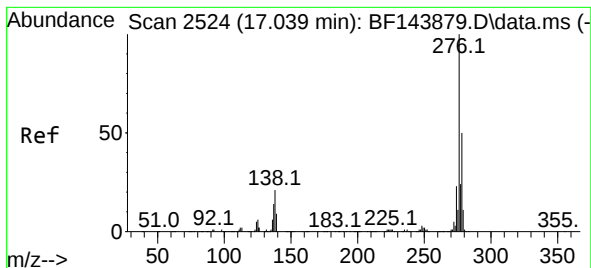
Ion Ratio Lower Upper

264 100

260 21.6 17.8 26.8

265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.798 ng

RT: 17.056 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

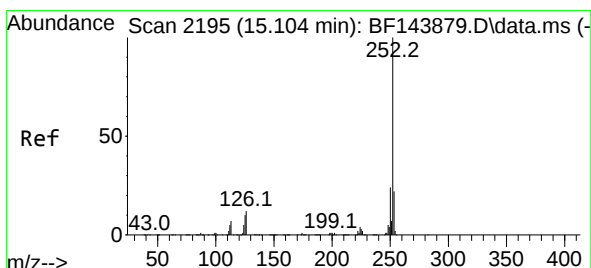
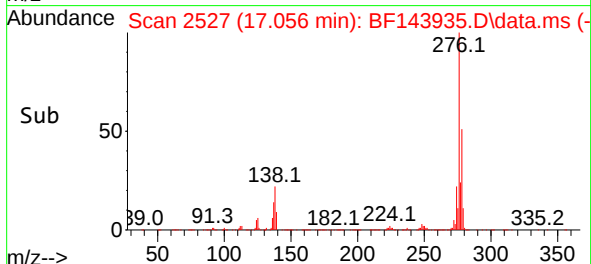
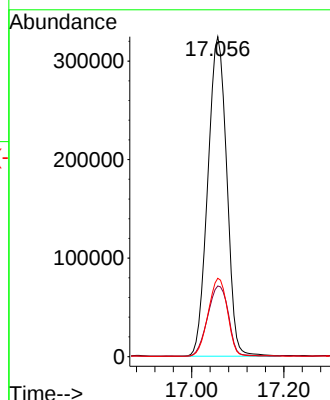
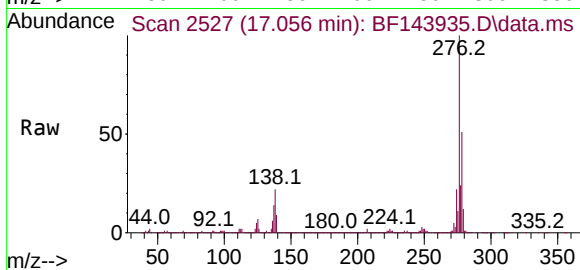
Tgt Ion:276 Resp: 925104

Ion Ratio Lower Upper

276 100

138 24.3 18.2 27.2

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 44.268 ng

RT: 15.115 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

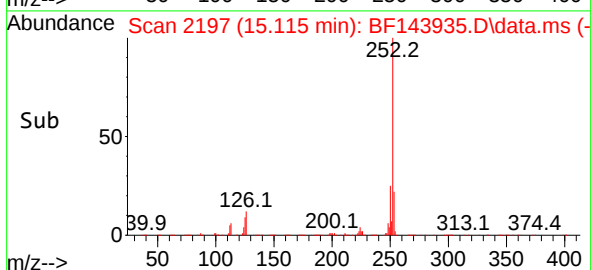
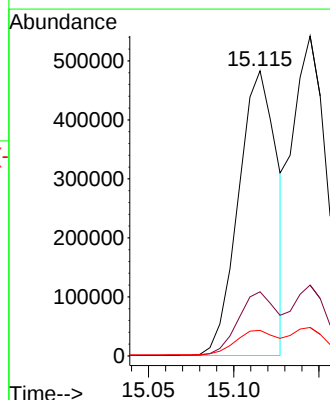
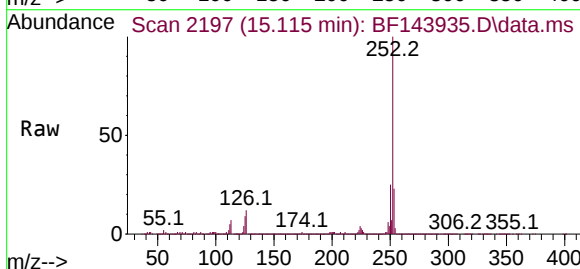
Tgt Ion:252 Resp: 755780

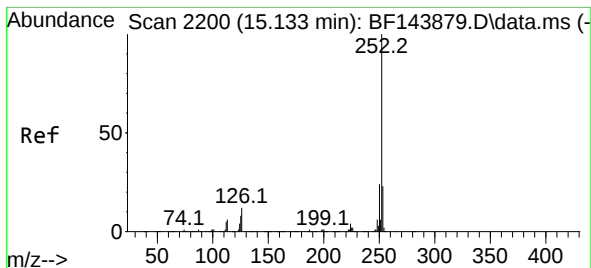
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 8.9 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 47.404 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

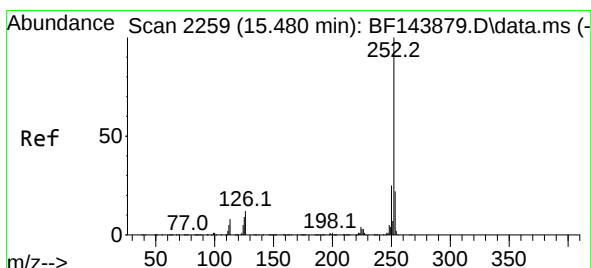
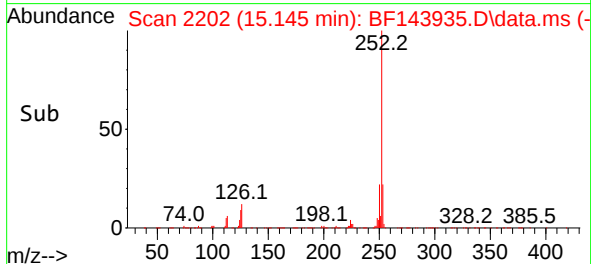
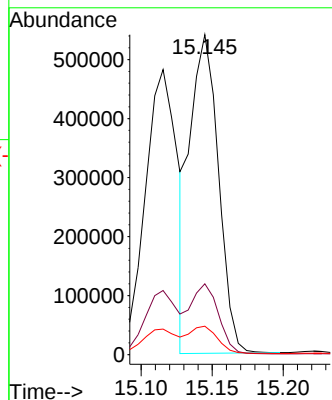
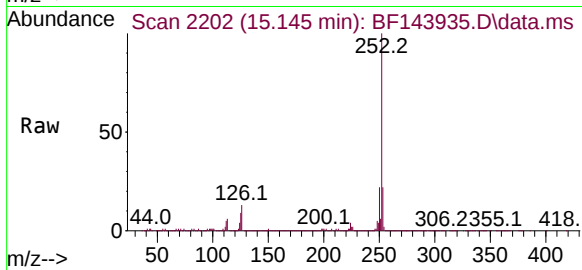
Tgt Ion:252 Resp: 748875

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 50.906 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

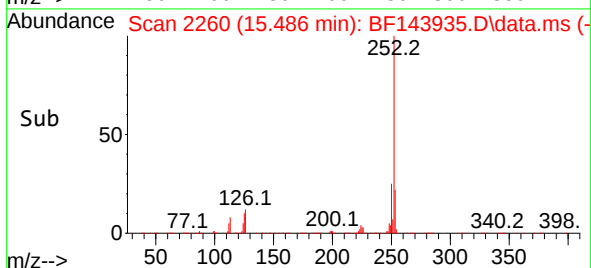
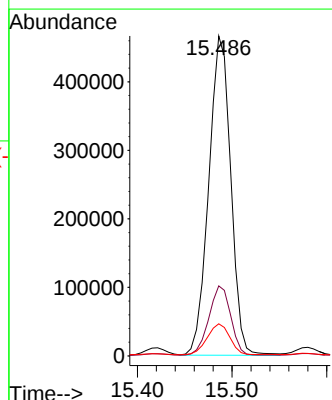
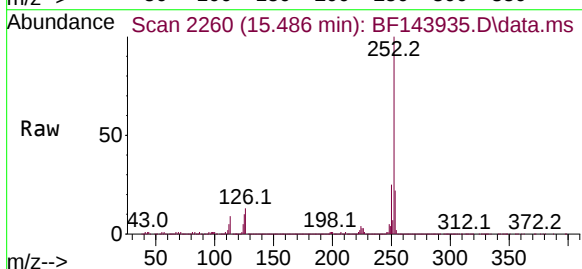
Tgt Ion:252 Resp: 753600

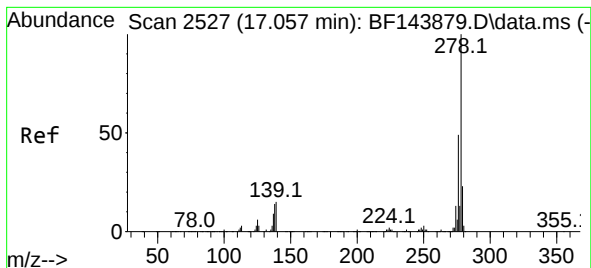
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.0 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 49.703 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MS

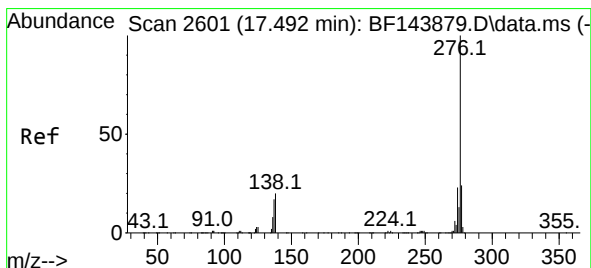
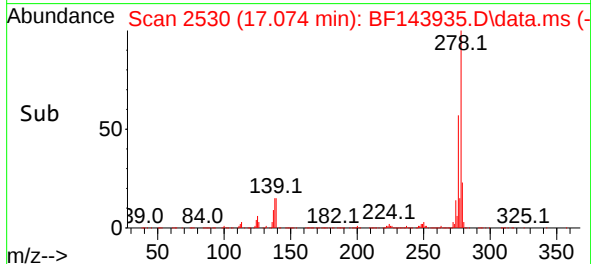
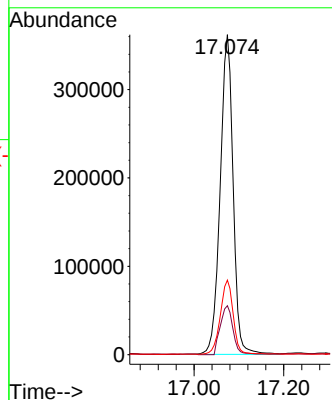
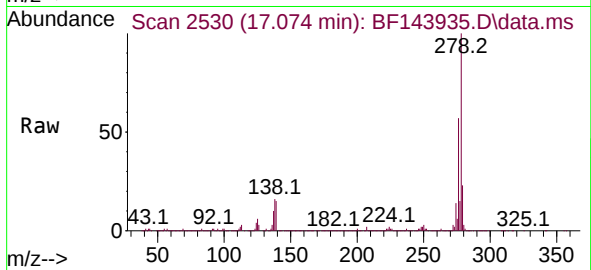
Tgt Ion:278 Resp: 727986

Ion Ratio Lower Upper

278 100

139 15.3 11.7 17.5

279 23.3 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 50.247 ng

RT: 17.515 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Tgt Ion:276 Resp: 735960

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 21.3 16.1 24.1

