

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072925\
 Data File : BF143261.D
 Acq On : 29 Jul 2025 17:34
 Operator : RC/JU
 Sample : PB169043BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169043BS

Quant Time: Jul 29 18:00:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	103440	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	397169	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	199349	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	329758	20.000	ng	0.00
76) Chrysene-d12	14.127	240	199043	20.000	ng	0.00
86) Perylene-d12	15.633	264	218867	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	745057	113.982	ng	0.02
7) Phenol-d6	6.593	99	934807	113.619	ng	0.00
23) Nitrobenzene-d5	7.522	82	638323	80.113	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	274614	133.347	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1186042	81.368	ng	0.00
79) Terphenyl-d14	13.069	244	1064085	79.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.899	88	101553	32.833	ng	99
3) Pyridine	3.652	79	286192	35.649	ng	97
4) n-Nitrosodimethylamine	3.593	42	167096	40.314	ng	99
6) Aniline	6.622	93	362495	31.613	ng	94
8) 2-Chlorophenol	6.751	128	292056	42.625	ng	97
9) Benzaldehyde	6.510	77	191255	31.000	ng	99
10) Phenol	6.604	94	377031	42.065	ng	92
11) bis(2-Chloroethyl)ether	6.693	93	283913	41.370	ng	99
12) 1,3-Dichlorobenzene	6.904	146	312891	42.037	ng	99
13) 1,4-Dichlorobenzene	6.981	146	315611	42.106	ng	100
14) 1,2-Dichlorobenzene	7.134	146	305354	42.831	ng	99
15) Benzyl Alcohol	7.098	79	273408	43.521	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	509036	39.985	ng	98
17) 2-Methylphenol	7.210	107	242114	42.026	ng	99
18) Hexachloroethane	7.481	117	113706	43.819	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	215742	40.871	ng	99
20) 3+4-Methylphenols	7.363	107	295629	42.295	ng	# 75
22) Acetophenone	7.369	105	399991	42.538	ng	# 98
24) Nitrobenzene	7.540	77	321792	43.319	ng	99
25) Isophorone	7.781	82	585892	41.654	ng	98
26) 2-Nitrophenol	7.857	139	156233	48.460	ng	100
27) 2,4-Dimethylphenol	7.892	122	272677	41.493	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	349357	41.426	ng	99
29) 2,4-Dichlorophenol	8.098	162	239711	43.253	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	260937	43.582	ng	99
31) Naphthalene	8.263	128	845265	43.214	ng	100
32) Benzoic acid	8.004	122	152675	41.972	ng	99
33) 4-Chloroaniline	8.304	127	166095	20.796	ng	99
34) Hexachlorobutadiene	8.387	225	162217	44.352	ng	99
35) Caprolactam	8.675	113	49695	29.674	ng	99
36) 4-Chloro-3-methylphenol	8.786	107	264662	43.937	ng	100
37) 2-Methylnaphthalene	8.957	142	515360	43.298	ng	100
38) 1-Methylnaphthalene	9.057	142	528175	43.093	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	257028	44.658	ng	99
41) Hexachlorocyclopentadiene	9.116	237	337523	90.129	ng	100
43) 2,4,6-Trichlorophenol	9.234	196	178013	44.690	ng	99

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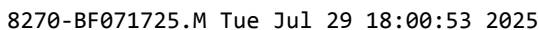
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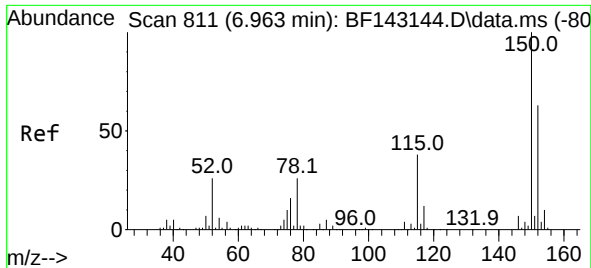
Quant Time: Jul 29 18:00:10 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	184636	46.339	ng	100
46) 1,1'-Biphenyl	9.422	154	698630	44.919	ng	99
47) 2-Chloronaphthalene	9.445	162	509410	44.265	ng	99
48) 2-Nitroaniline	9.534	65	173561	48.092	ng	99
49) Acenaphthylene	9.863	152	858725	44.526	ng	100
50) Dimethylphthalate	9.716	163	596345	45.893	ng	100
51) 2,6-Dinitrotoluene	9.775	165	131083	49.589	ng	99
52) Acenaphthene	10.033	154	559735	49.104	ng	99
53) 3-Nitroaniline	9.945	138	90380	29.232	ng	96
54) 2,4-Dinitrophenol	10.051	184	126907	103.769	ng	# 1
55) Dibenzofuran	10.204	168	739188	43.677	ng	99
56) 4-Nitrophenol	10.104	139	206297	89.351	ng	98
57) 2,4-Dinitrotoluene	10.181	165	172503	52.015	ng	96
58) Fluorene	10.551	166	575294	45.293	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	152020	46.059	ng	99
60) Diethylphthalate	10.416	149	590348	45.965	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	289978	45.849	ng	100
62) 4-Nitroaniline	10.557	138	128187	48.374	ng	97
63) Azobenzene	10.698	77	581274	43.425	ng	100
65) 4,6-Dinitro-2-methylph...	10.592	198	85842	49.470	ng	96
66) n-Nitrosodiphenylamine	10.657	169	507243	43.683	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	176104	44.812	ng	99
68) Hexachlorobenzene	11.104	284	184316	44.873	ng	97
69) Atrazine	11.180	200	155096	48.448	ng	100
70) Pentachlorophenol	11.292	266	211185	87.427	ng	97
71) Phenanthrene	11.516	178	785252	44.848	ng	100
72) Anthracene	11.563	178	800290	44.816	ng	100
73) Carbazole	11.716	167	712736	45.709	ng	100
74) Di-n-butylphthalate	12.039	149	831478	47.127	ng	100
75) Fluoranthene	12.698	202	759826	47.279	ng	100
77) Benzidine	12.816	184	310814	40.531	ng	99
78) Pyrene	12.933	202	754767	44.431	ng	99
80) Butylbenzylphthalate	13.539	149	283230	54.449	ng	100
81) Benzo(a)anthracene	14.116	228	599945	45.021	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	112014	25.220	ng	98
83) Chrysene	14.157	228	568050	47.411	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	381033	48.395	ng	99
85) Di-n-octyl phthalate	14.716	149	660879	46.308	ng	98
87) Indeno(1,2,3-cd)pyrene	17.180	276	694988	45.032	ng	97
88) Benzo(b)fluoranthene	15.192	252	610796	45.681	ng	99
89) Benzo(k)fluoranthene	15.221	252	569773	47.754	ng	99
90) Benzo(a)pyrene	15.574	252	572198	46.448	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	559753	44.561	ng	98
92) Benzo(g,h,i)perylene	17.651	276	558818	45.989	ng	97

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

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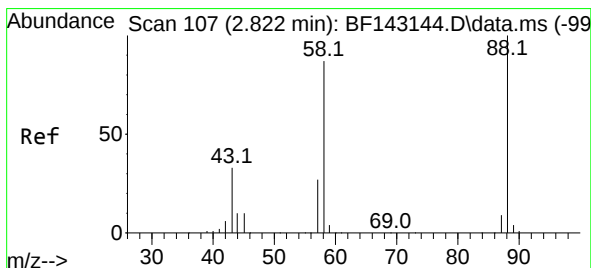
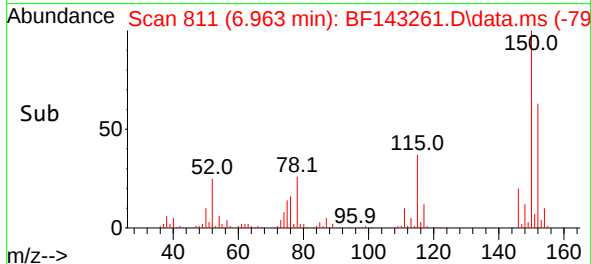
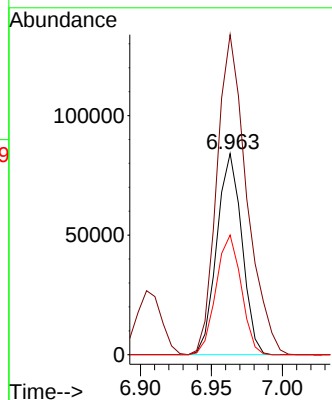
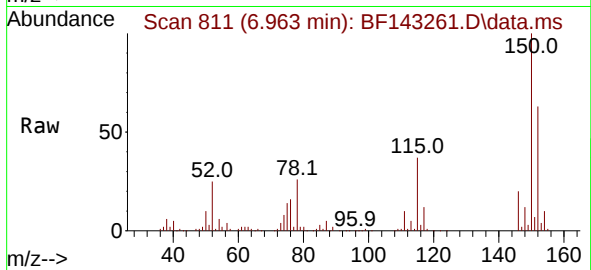




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

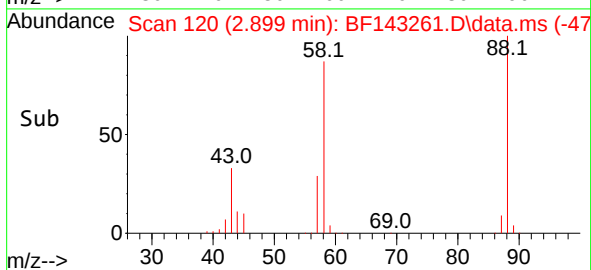
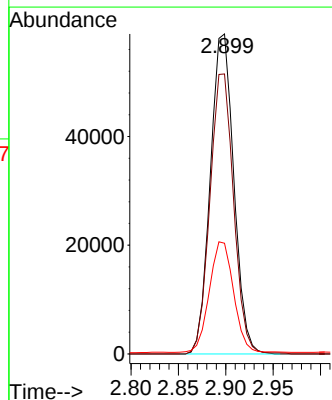
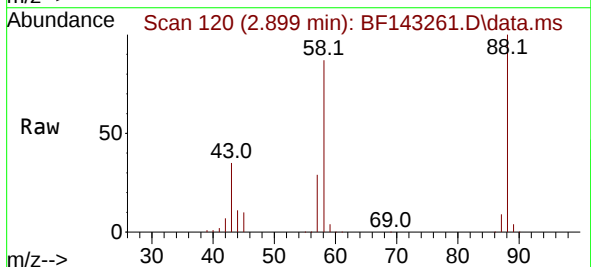
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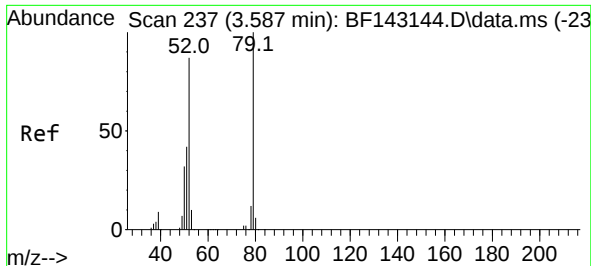
Tgt Ion:152 Resp: 103440
Ion Ratio Lower Upper
152 100
150 159.1 128.2 192.4
115 59.5 47.9 71.9



#2
1,4-Dioxane
Concen: 32.833 ng
RT: 2.899 min Scan# 120
Delta R.T. 0.077 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion: 88 Resp: 101553
Ion Ratio Lower Upper
88 100
58 88.3 70.2 105.2
43 35.6 27.1 40.7





#3

Pyridine

Concen: 35.649 ng

RT: 3.652 min Scan# 24

Delta R.T. 0.065 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

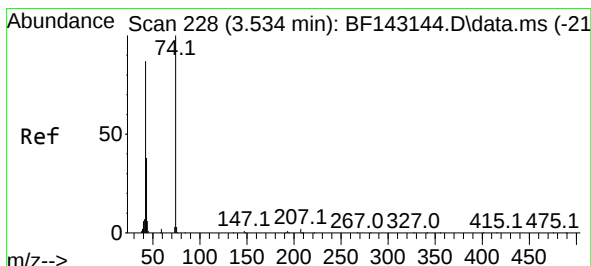
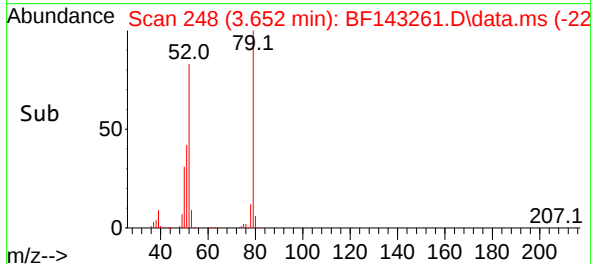
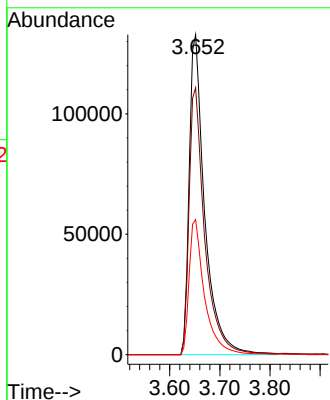
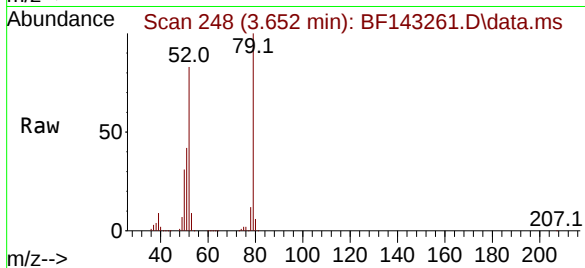
Tgt Ion: 79 Resp: 286192

Ion Ratio Lower Upper

79 100

52 83.4 69.4 104.2

51 42.2 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 40.314 ng

RT: 3.593 min Scan# 238

Delta R.T. 0.059 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

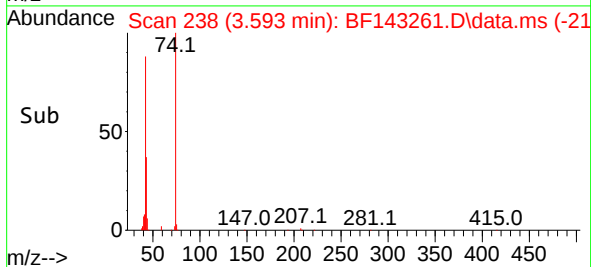
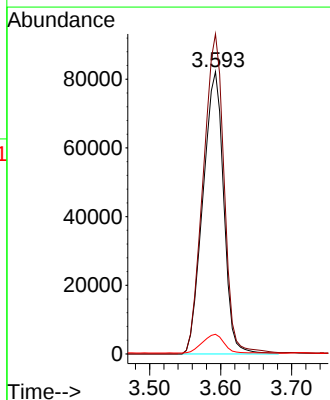
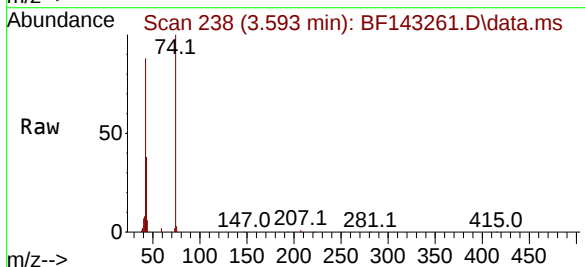
Tgt Ion: 42 Resp: 167096

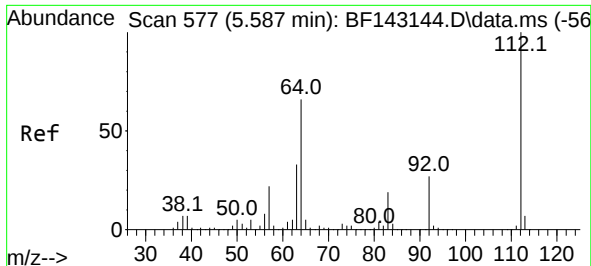
Ion Ratio Lower Upper

42 100

74 113.4 91.7 137.5

44 7.0 5.6 8.4

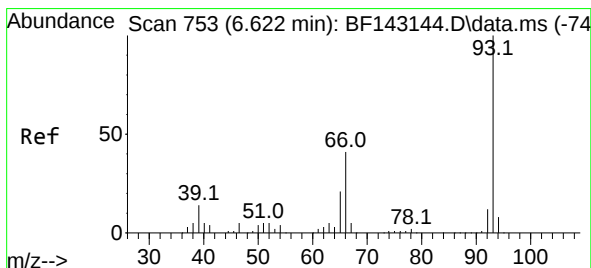
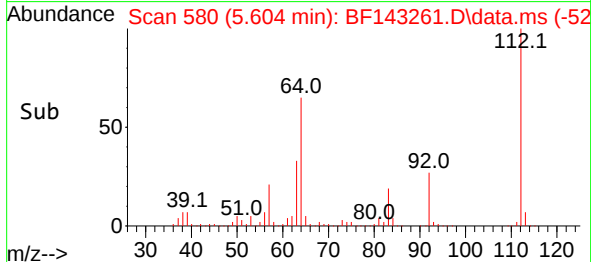
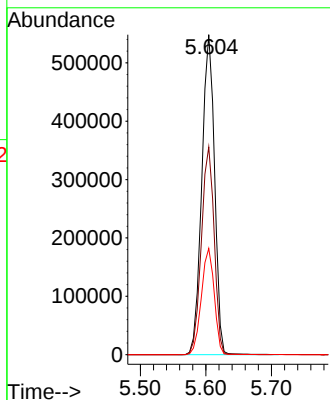
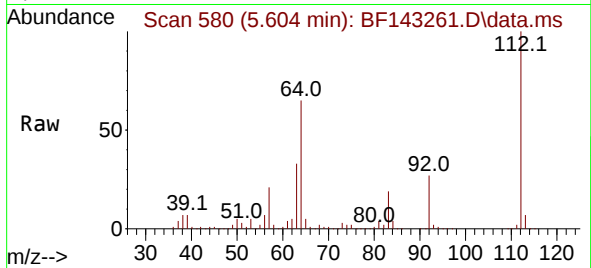




#5
2-Fluorophenol
Concen: 113.982 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

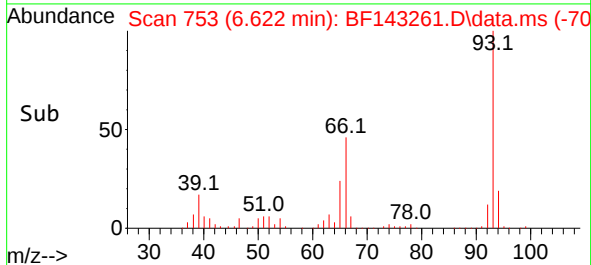
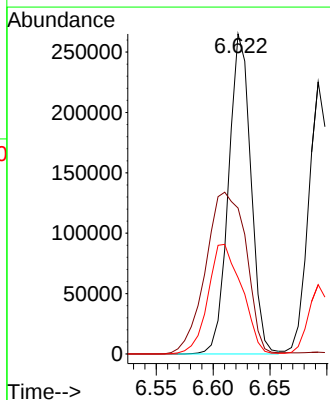
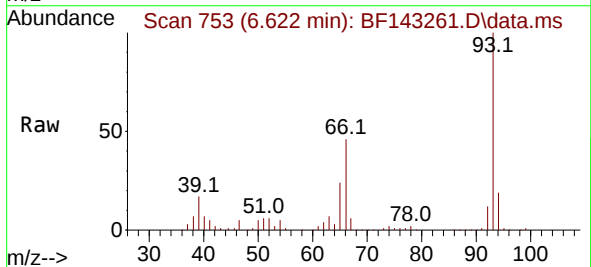
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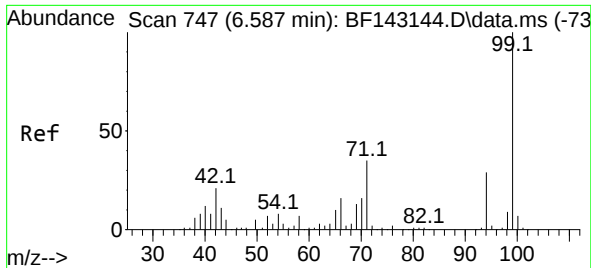
Tgt Ion:112 Resp: 745057
Ion Ratio Lower Upper
112 100
64 64.9 53.1 79.7
63 33.2 26.6 40.0



#6
Aniline
Concen: 31.613 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion: 93 Resp: 362495
Ion Ratio Lower Upper
93 100
66 45.6 33.2 49.8
65 23.8 16.9 25.3

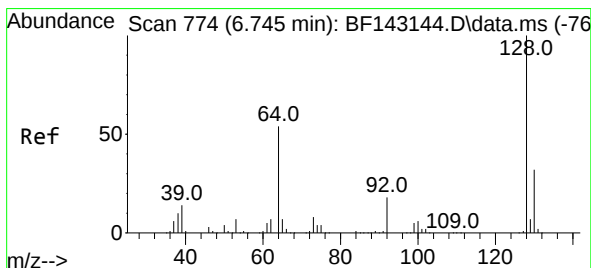
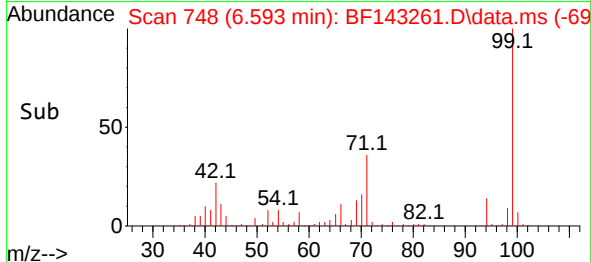
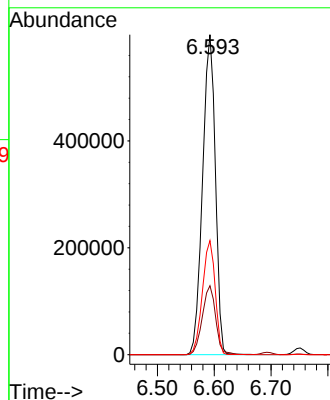
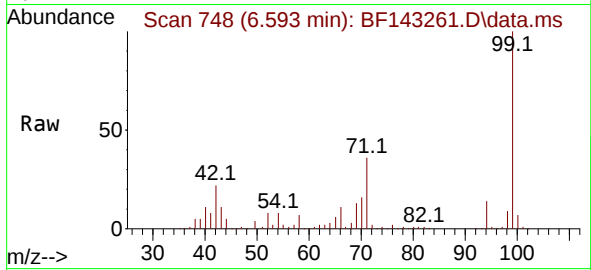




#7
Phenol-d6
Concen: 113.619 ng
RT: 6.593 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

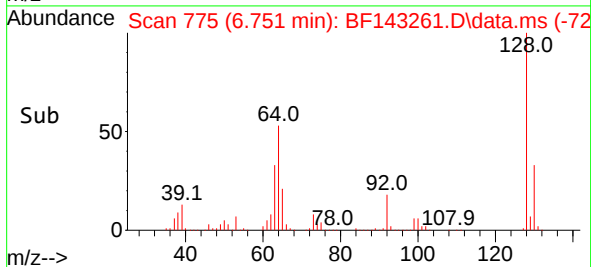
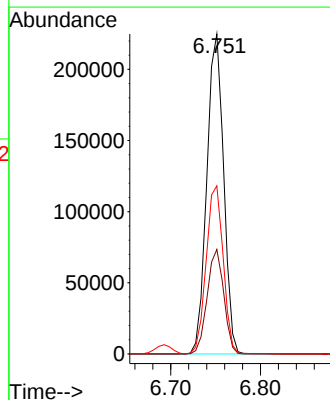
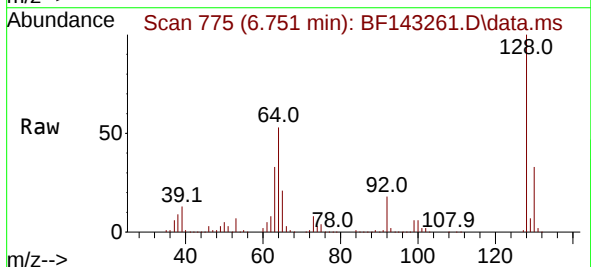
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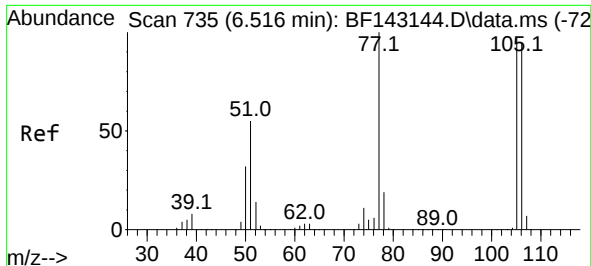
Tgt Ion: 99 Resp: 934807
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 35.7 27.7 41.5



#8
2-Chlorophenol
Concen: 42.625 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion: 128 Resp: 292056
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 52.5 35.9 75.9

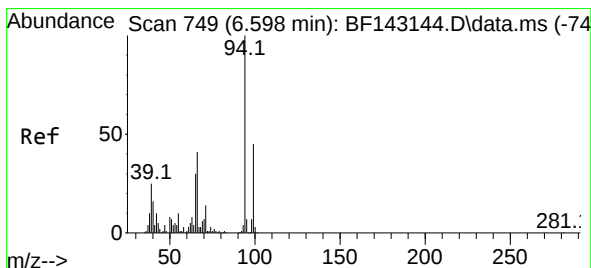
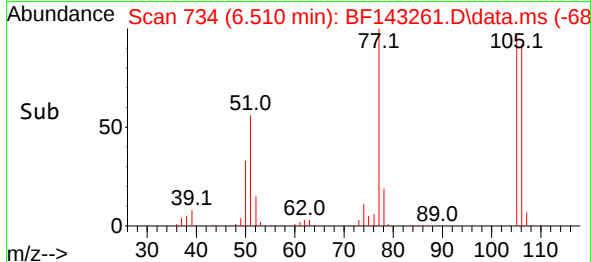
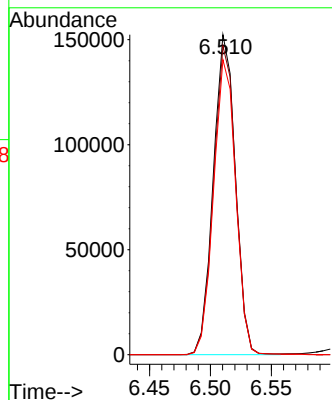
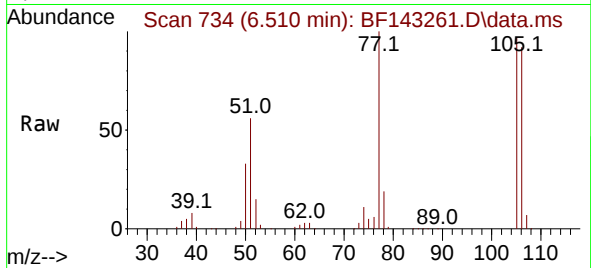




#9
Benzaldehyde
Concen: 31.000 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

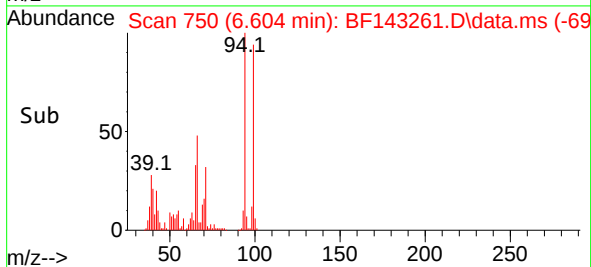
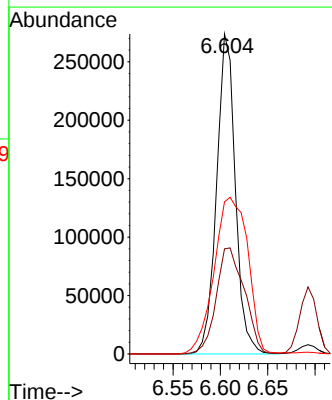
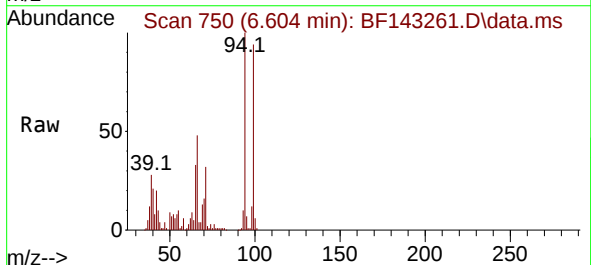
Instrument :
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ClientSampleId :
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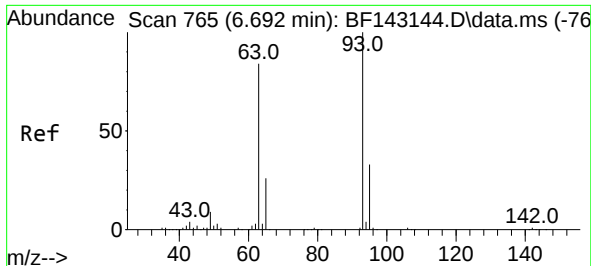
Tgt Ion: 77 Resp: 191255
Ion Ratio Lower Upper
77 100
105 96.5 76.8 116.8
106 92.2 74.4 114.4



#10
Phenol
Concen: 42.065 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion: 94 Resp: 377031
Ion Ratio Lower Upper
94 100
65 32.8 10.0 50.0
66 47.6 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 41.370 ng

RT: 6.693 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

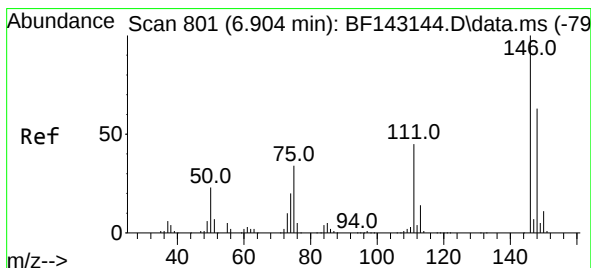
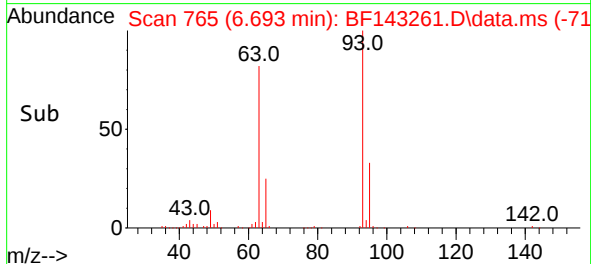
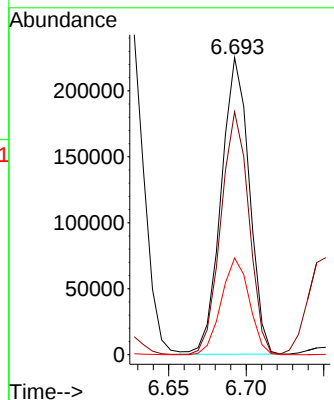
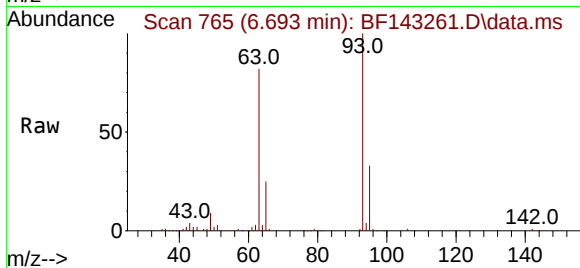
Tgt Ion: 93 Resp: 283913

Ion Ratio Lower Upper

93 100

63 81.7 63.4 103.4

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.037 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

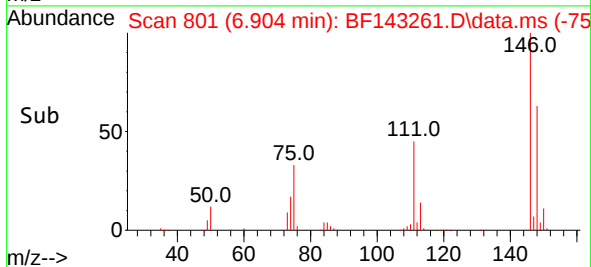
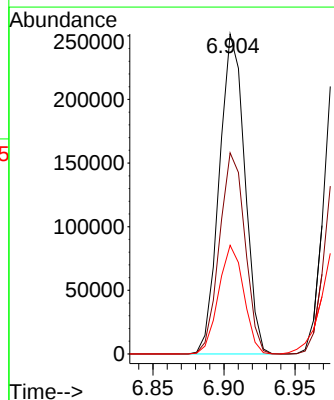
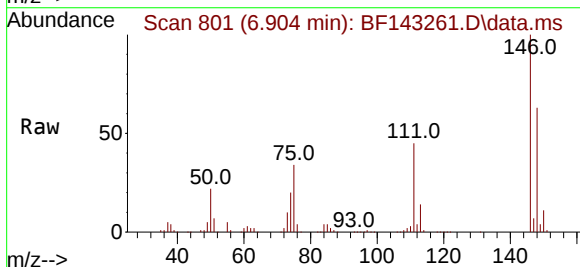
Tgt Ion:146 Resp: 312891

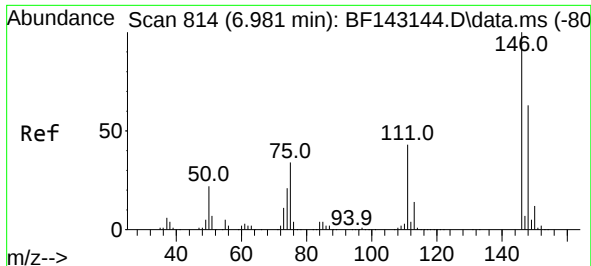
Ion Ratio Lower Upper

146 100

148 62.8 50.6 76.0

75 33.9 27.4 41.2

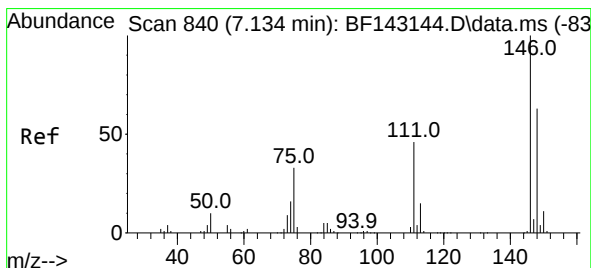
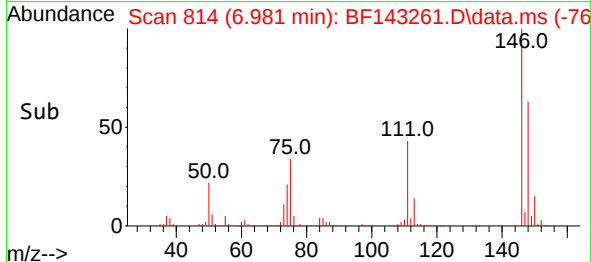
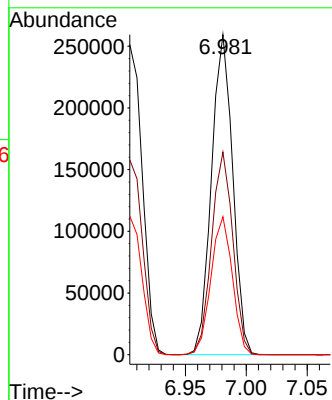
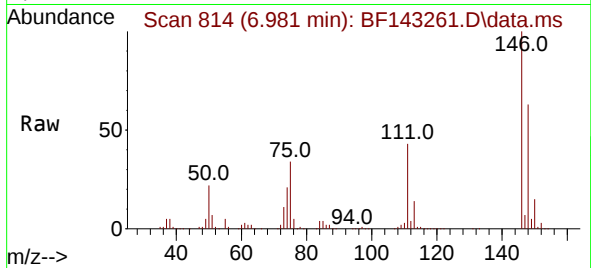




#13
1,4-Dichlorobenzene
Concen: 42.106 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

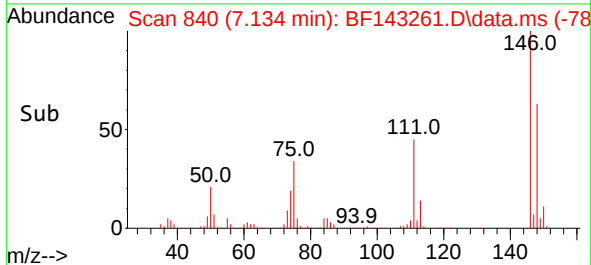
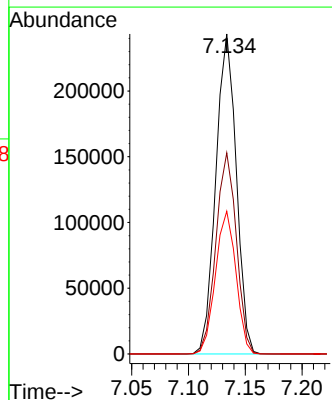
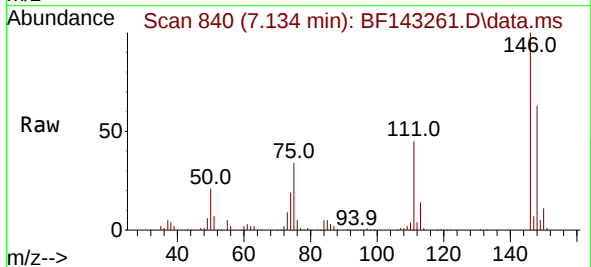
Instrument :
BNA_F
ClientSampleId :
PB169043BS

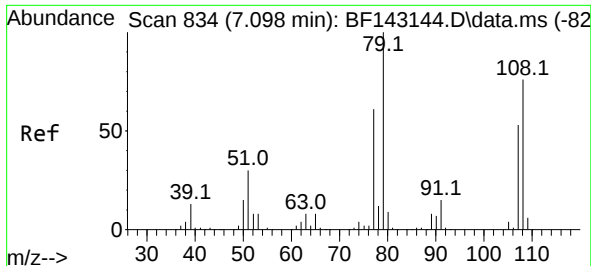
Tgt Ion:146 Resp: 315611
Ion Ratio Lower Upper
146 100
148 63.3 50.3 75.5
111 43.1 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 42.831 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:146 Resp: 305354
Ion Ratio Lower Upper
146 100
148 62.9 50.7 76.1
111 44.6 36.6 54.8

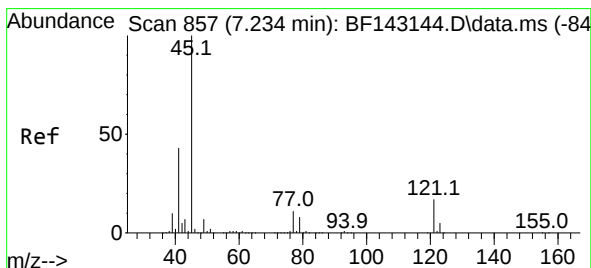
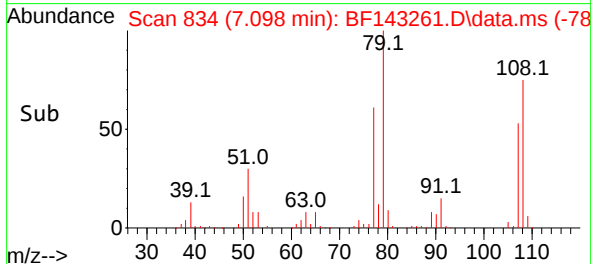
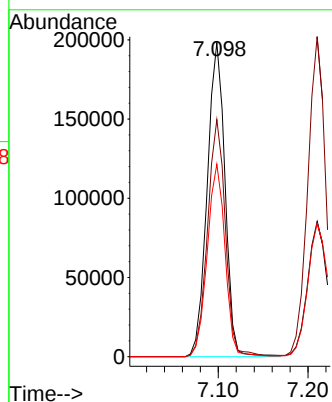
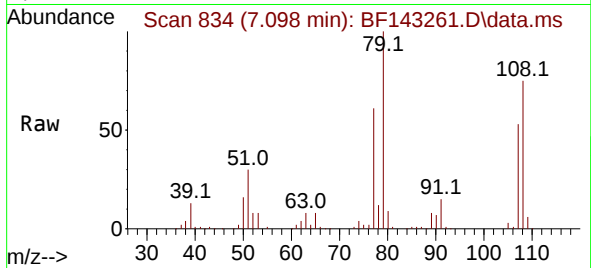




#15
Benzyl Alcohol
Concen: 43.521 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

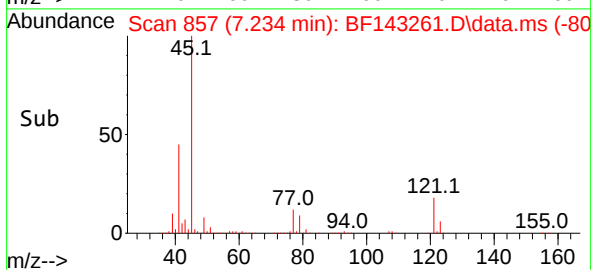
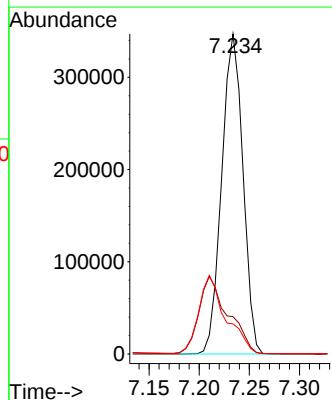
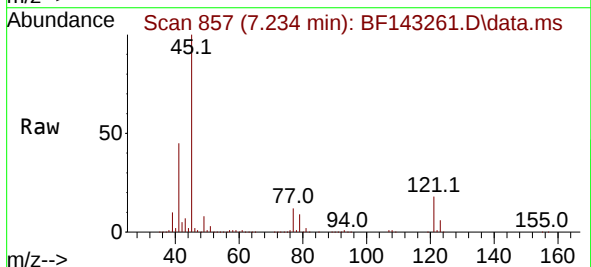
Instrument :
BNA_F
ClientSampleId :
PB169043BS

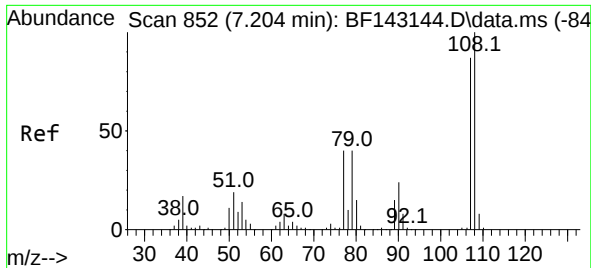
Tgt Ion: 79 Resp: 273408
Ion Ratio Lower Upper
79 100
108 75.4 61.1 91.7
77 61.3 48.9 73.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.985 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion: 45 Resp: 509036
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.2
79 9.4 0.0 28.5

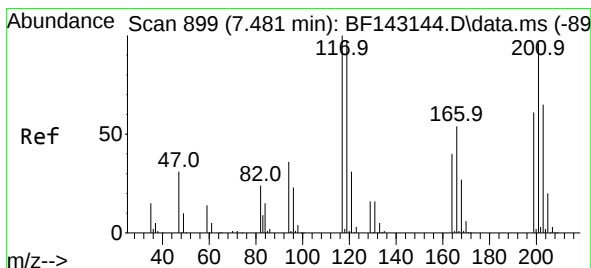
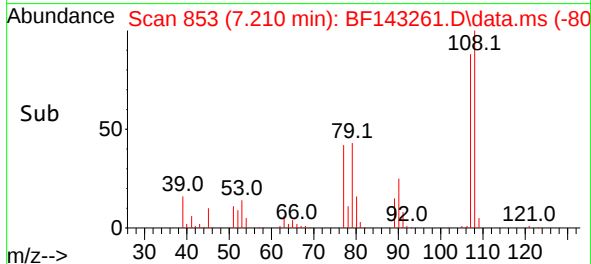
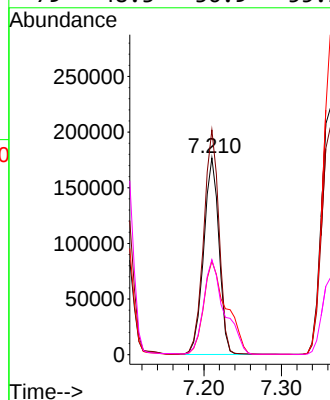
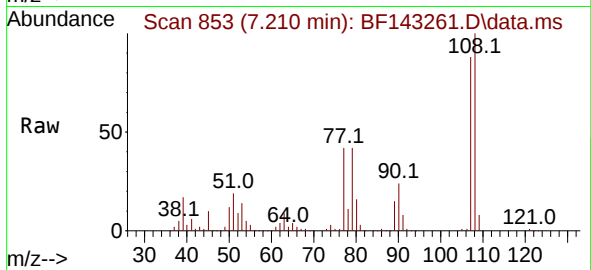




#17
2-Methylphenol
Concen: 42.026 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

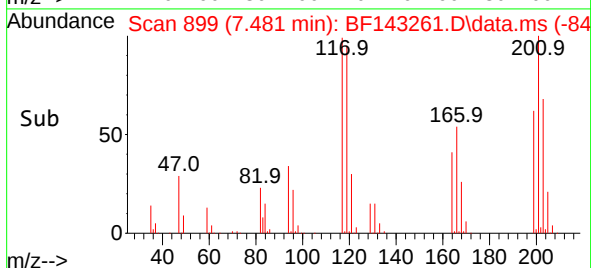
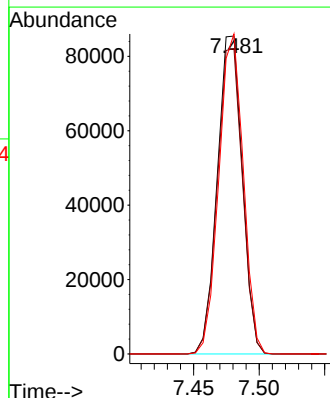
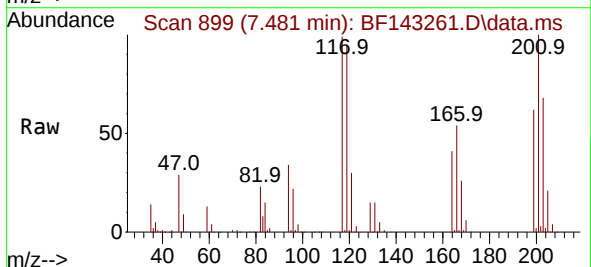
Instrument :
BNA_F
ClientSampleId :
PB169043BS

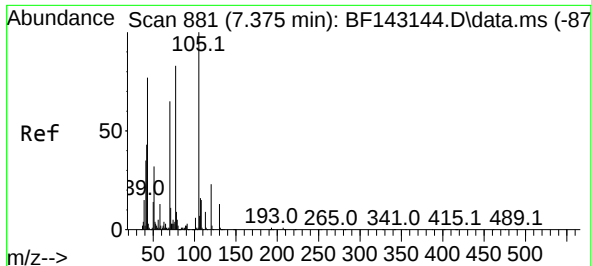
Tgt Ion:	107	Resp:	242114
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.8	137.6
77	47.6	37.0	55.6
79	48.3	36.9	55.3



#18
Hexachloroethane
Concen: 43.819 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:	117	Resp:	113706
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.8	116.8
201	100.7	77.0	115.4

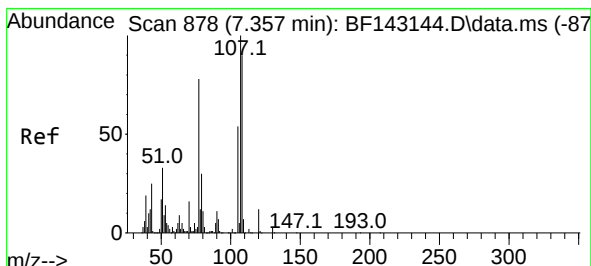
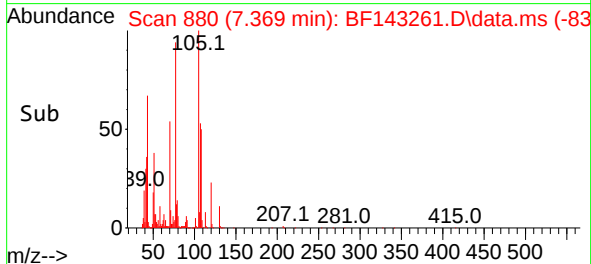
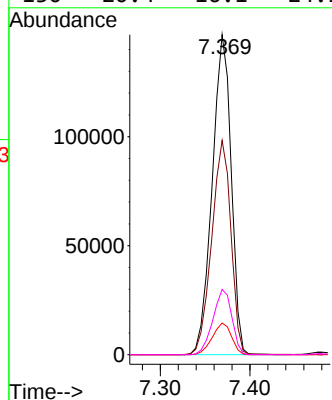
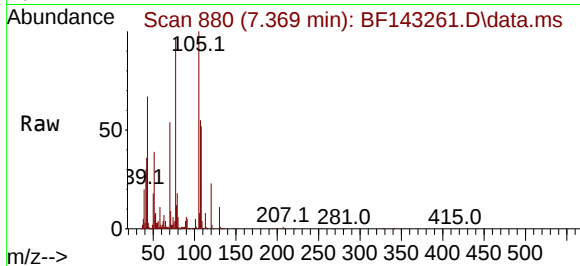




#19
n-Nitroso-di-n-propylamine
Concen: 40.871 ng
RT: 7.369 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

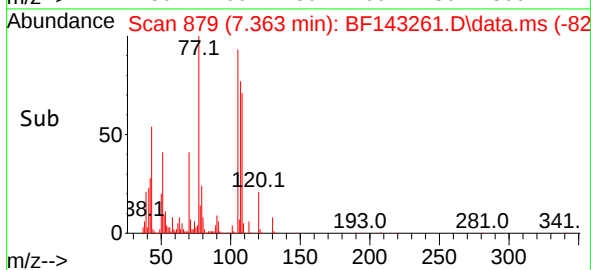
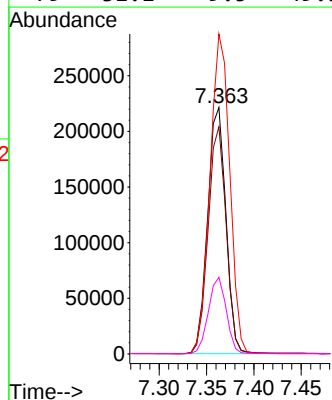
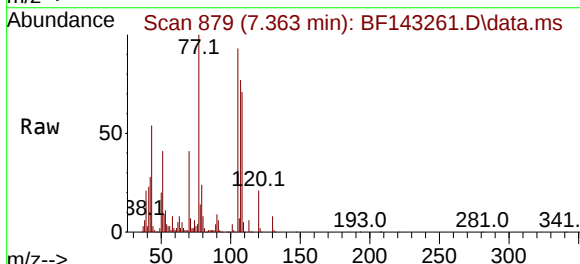
Instrument :
BNA_F
ClientSampleId :
PB169043BS

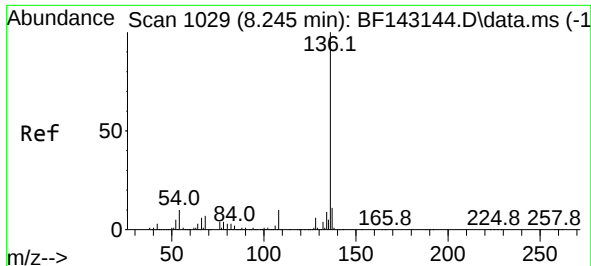
Tgt Ion:	70	Resp:	215742
Ion	Ratio	Lower	Upper
70	100		
42	66.9	52.5	78.7
101	9.9	7.6	11.4
130	20.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 42.295 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:	107	Resp:	295629
Ion	Ratio	Lower	Upper
107	100		
108	92.2	70.0	110.0
77	129.9	57.8	97.8#
79	31.1	9.5	49.5

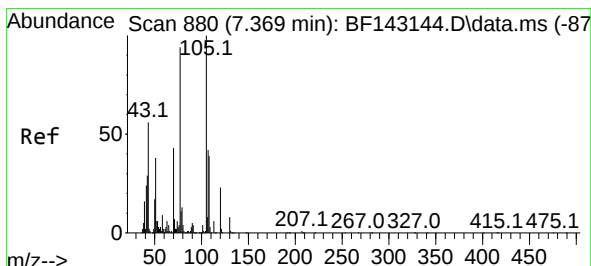
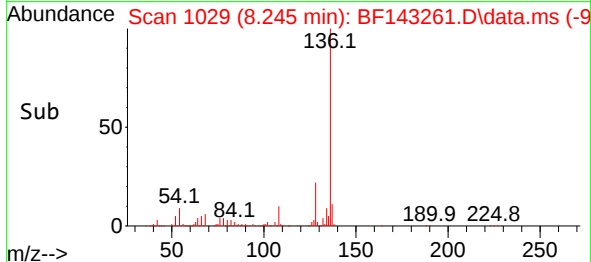
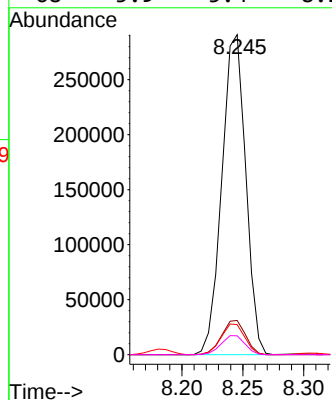
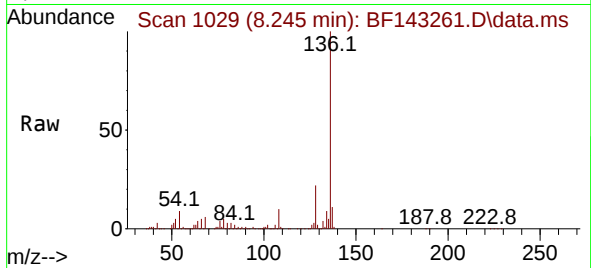




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

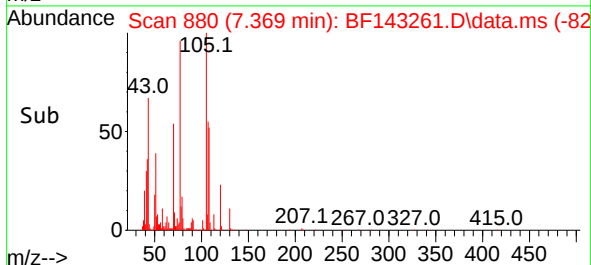
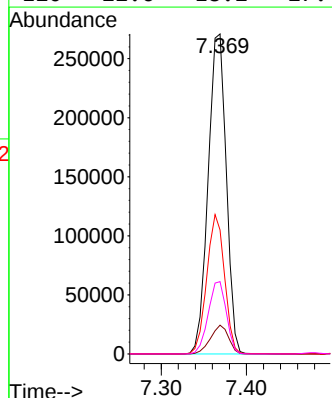
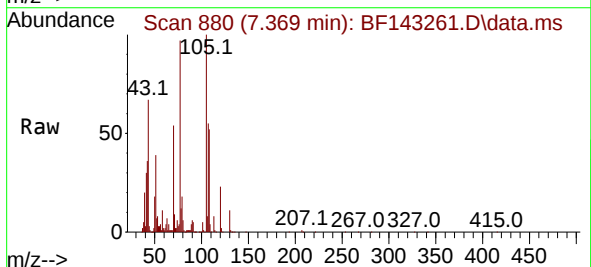
Instrument :
BNA_F
ClientSampleId :
PB169043BS

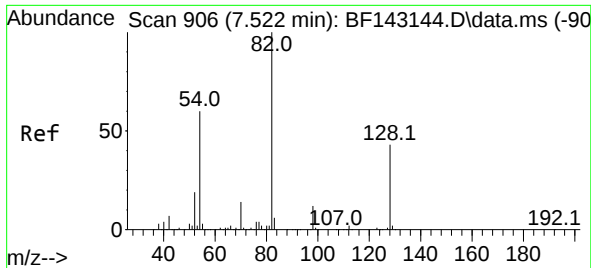
Tgt Ion:	136	Resp:	397169
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.4	8.2	12.2
68	5.9	5.4	8.2



#22
Acetophenone
Concen: 42.538 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:	105	Resp:	399991
Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.8	8.6
51	38.8	30.2	45.2
120	22.6	18.2	27.4

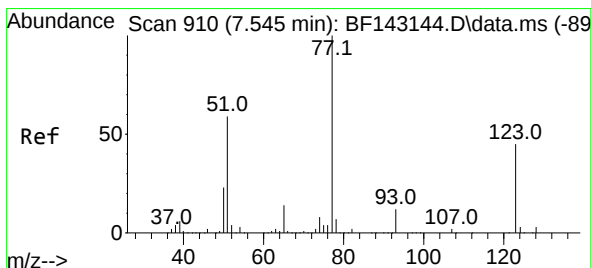
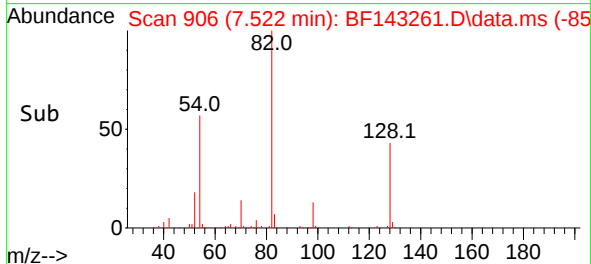
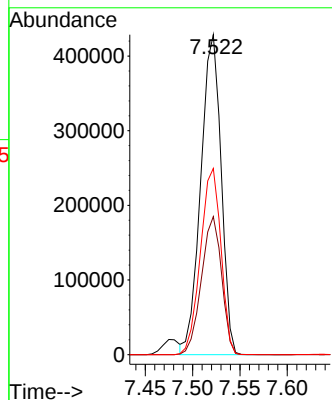
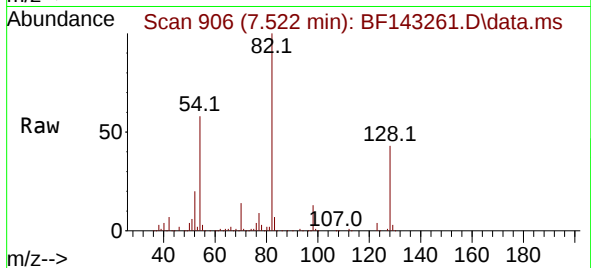




#23
Nitrobenzene-d5
Concen: 80.113 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

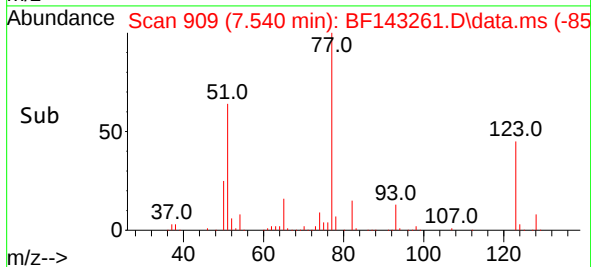
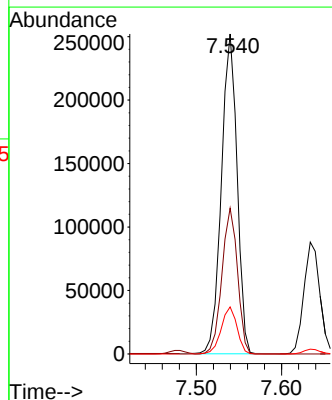
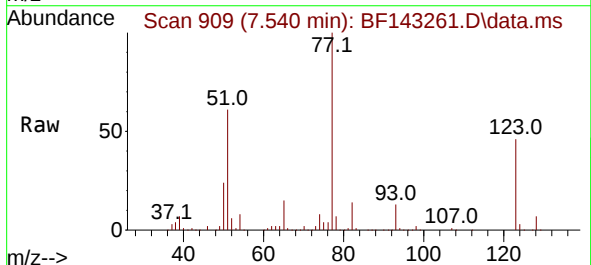
Instrument :
BNA_F
ClientSampleId :
PB169043BS

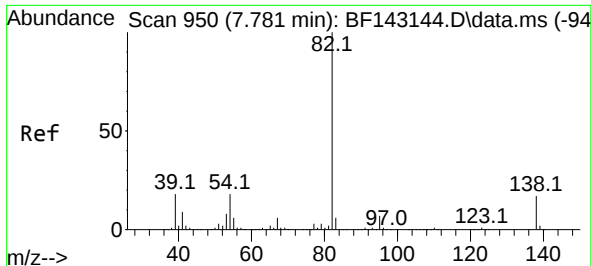
Tgt Ion: 82 Resp: 638323
Ion Ratio Lower Upper
82 100
128 43.2 33.6 50.4
54 58.2 47.1 70.7



#24
Nitrobenzene
Concen: 43.319 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion: 77 Resp: 321792
Ion Ratio Lower Upper
77 100
123 45.6 36.1 54.1
65 14.7 11.4 17.2

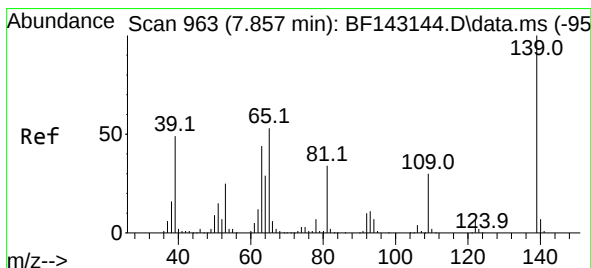
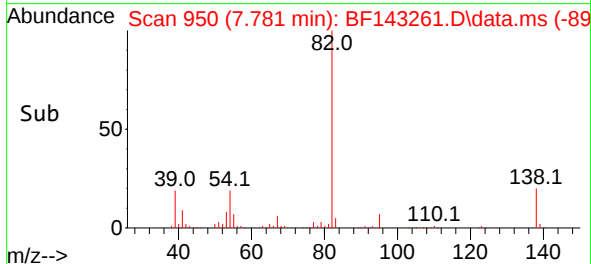
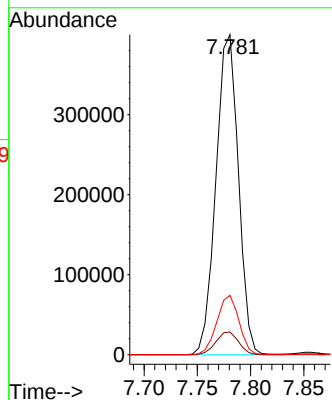
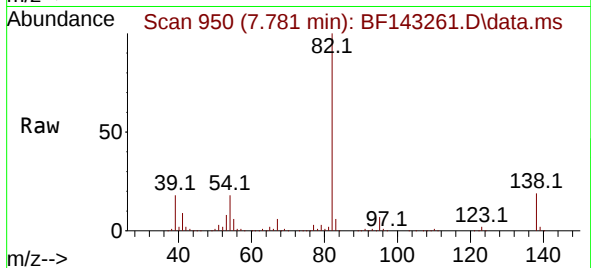




#25
Isophorone
Concen: 41.654 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

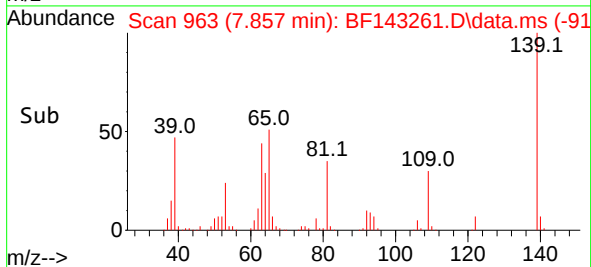
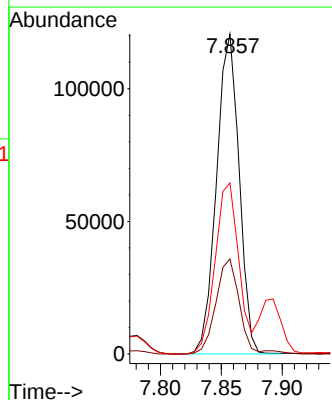
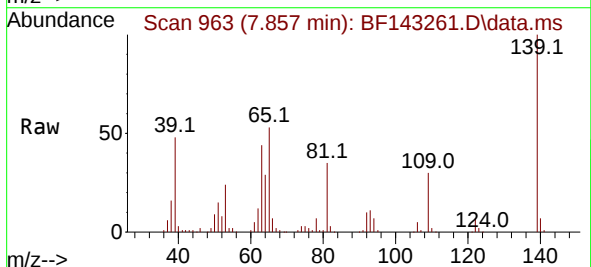
Instrument :
BNA_F
ClientSampleId :
PB169043BS

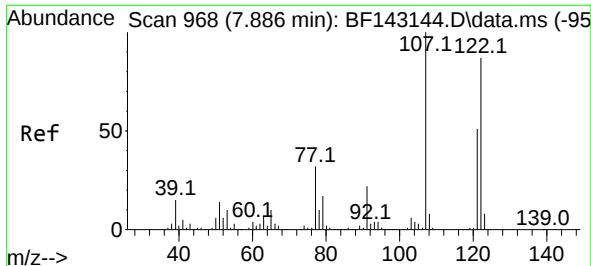
Tgt Ion: 82 Resp: 585892
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.5 13.8 20.8



#26
2-Nitrophenol
Concen: 48.460 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:139 Resp: 156233
Ion Ratio Lower Upper
139 100
109 29.7 23.6 35.4
65 53.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 41.493 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

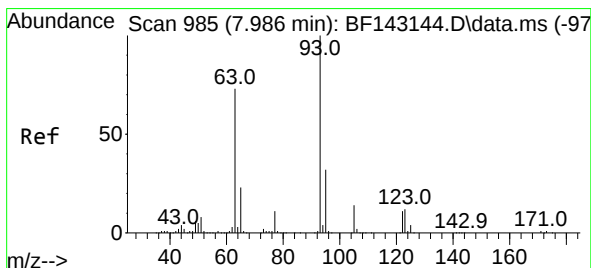
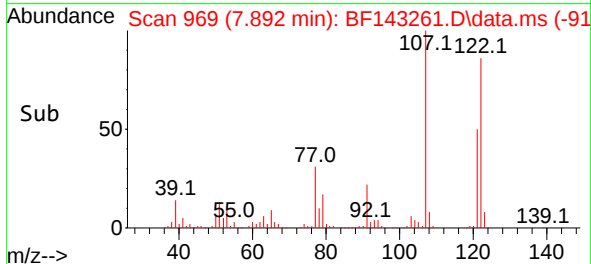
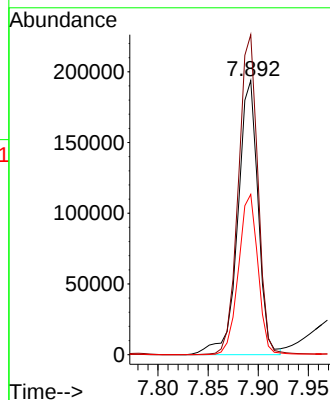
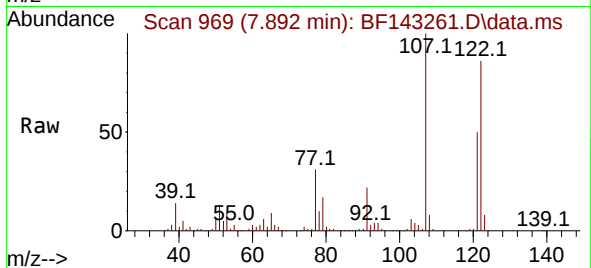
Tgt Ion:122 Resp: 272677

Ion Ratio Lower Upper

122 100

107 116.8 91.8 137.6

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.426 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

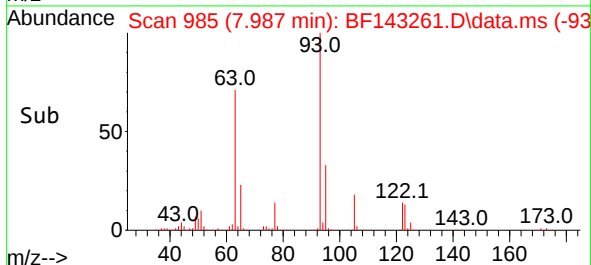
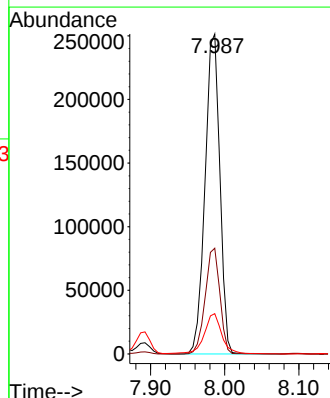
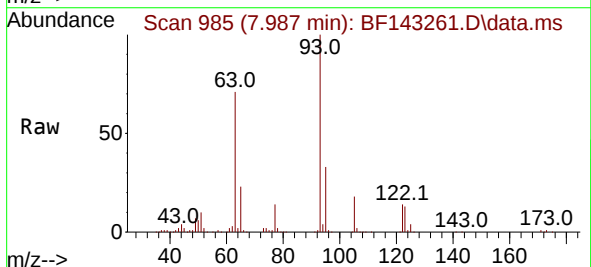
Tgt Ion: 93 Resp: 349357

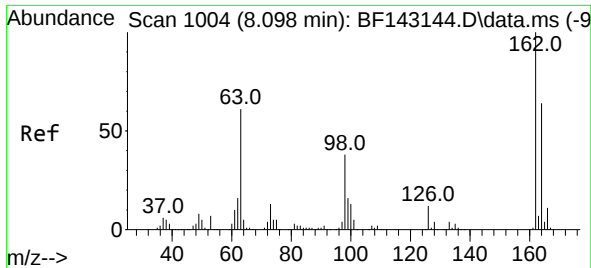
Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

123 12.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.253 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

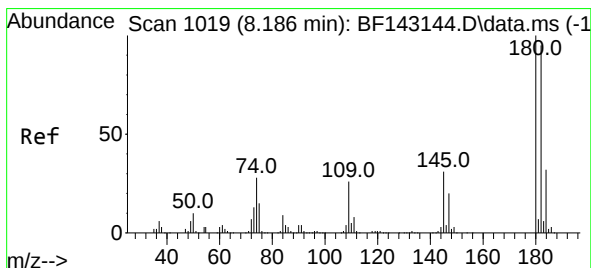
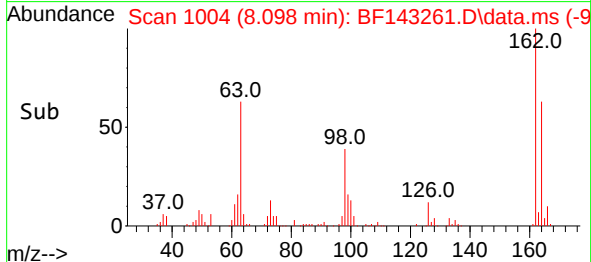
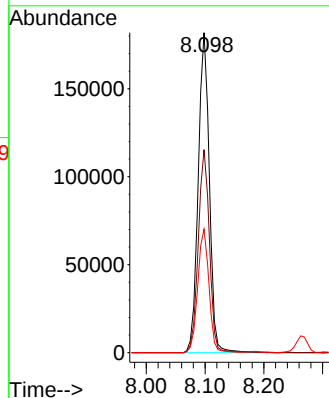
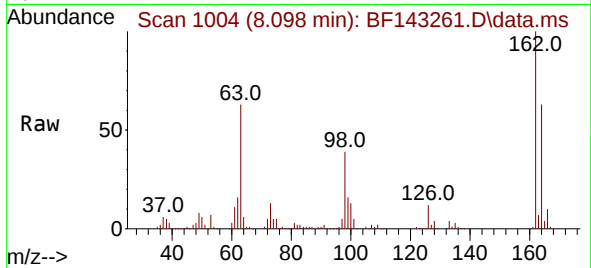
Tgt Ion:162 Resp: 239711

Ion Ratio Lower Upper

162 100

164 63.4 44.2 84.2

98 38.6 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 43.582 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

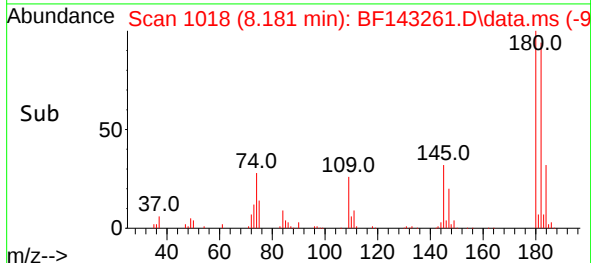
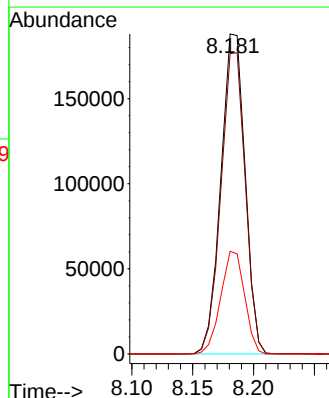
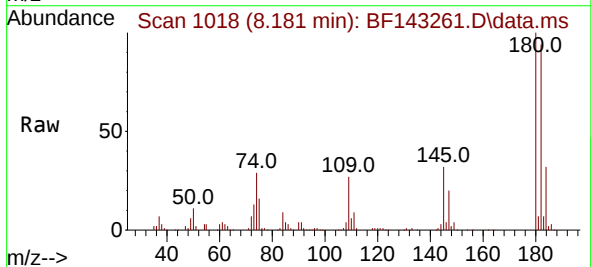
Tgt Ion:180 Resp: 260937

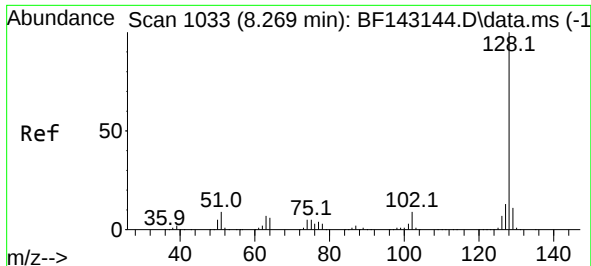
Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.2

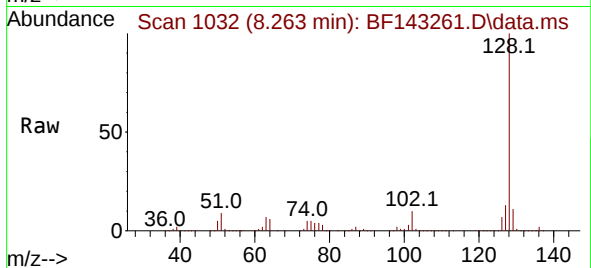
145 32.1 25.0 37.6



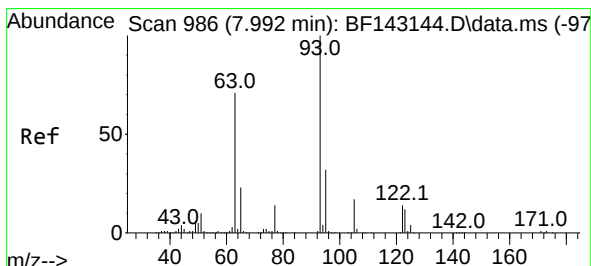
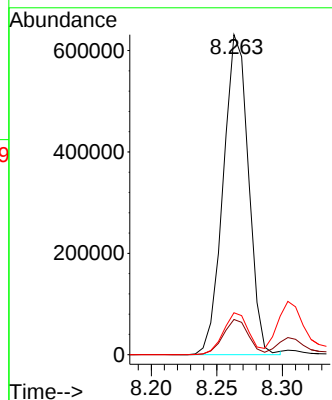
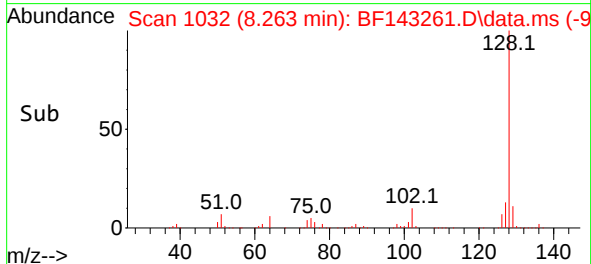


#31
Naphthalene
Concen: 43.214 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Instrument :
BNA_F
ClientSampleId :
PB169043BS

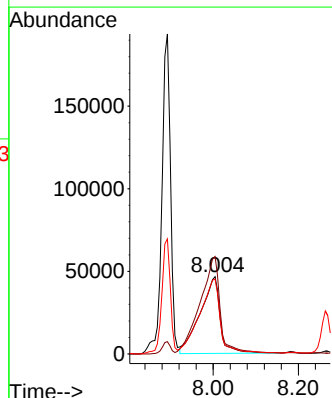
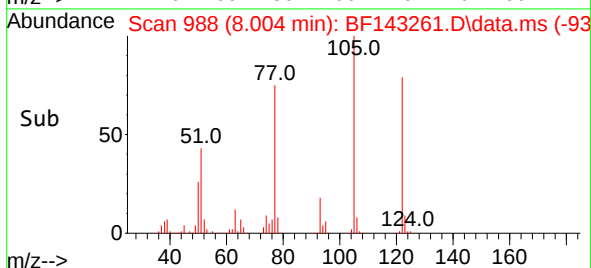
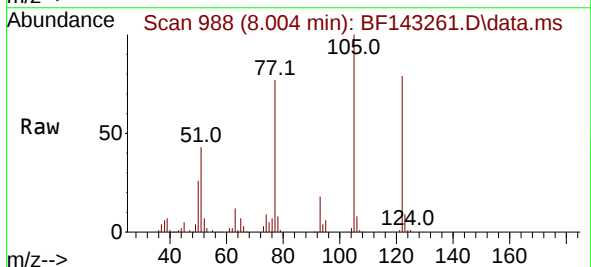


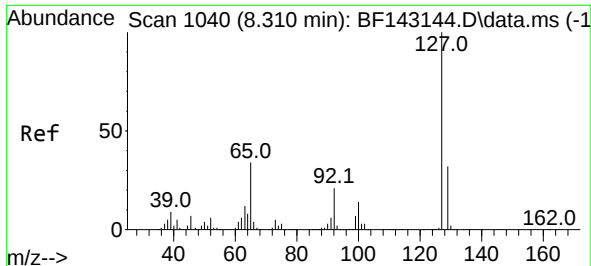
Tgt Ion:128 Resp: 845265
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 41.972 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:122 Resp: 152675
Ion Ratio Lower Upper
122 100
105 126.1 104.8 144.8
77 97.1 77.6 117.6

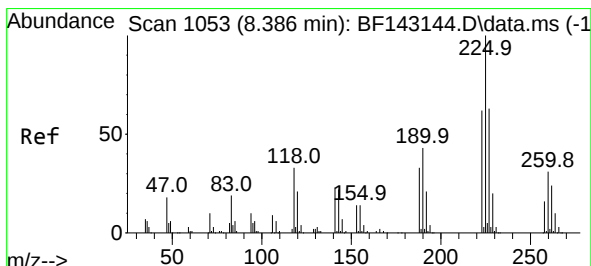
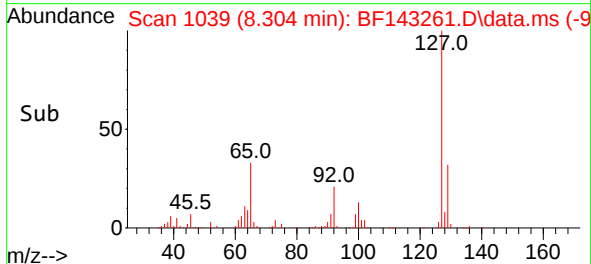
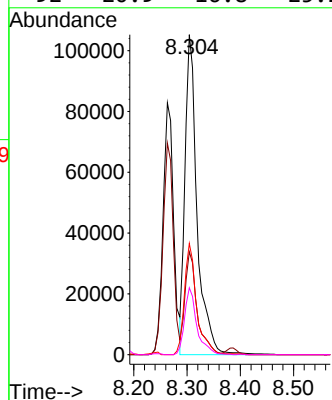
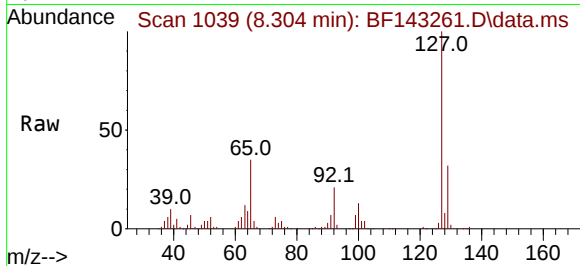




#33
4-Chloroaniline
Concen: 20.796 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

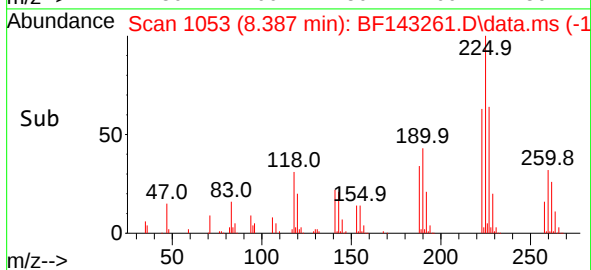
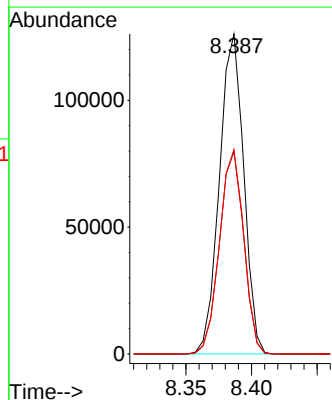
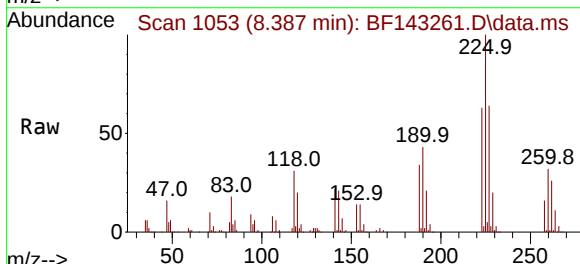
Instrument :
BNA_F
ClientSampleId :
PB169043BS

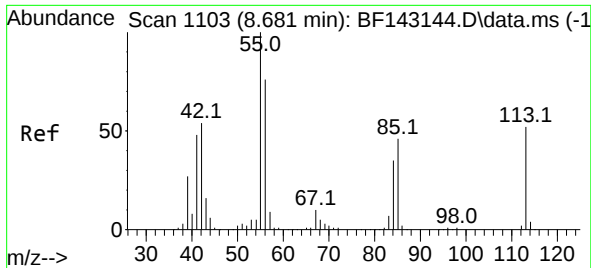
Tgt Ion:	127	Resp:	166095
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.0	39.0
65	34.7	27.4	41.2
92	20.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.352 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:	225	Resp:	162217
Ion Ratio	Lower	Upper	
225	100		
223	63.2	49.8	74.6
227	63.9	50.2	75.4

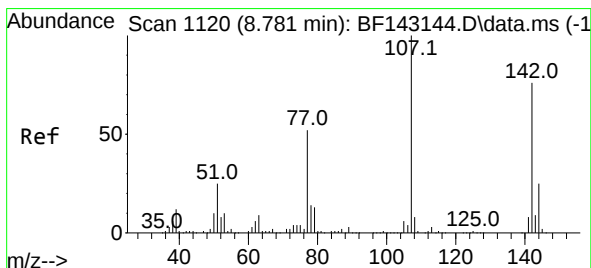
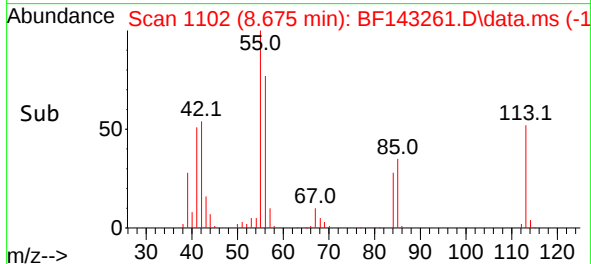
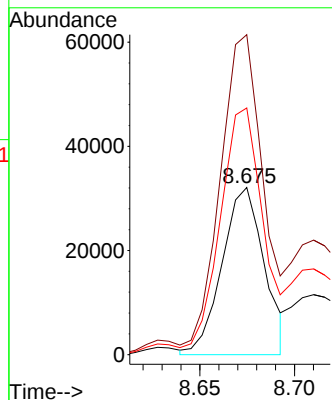
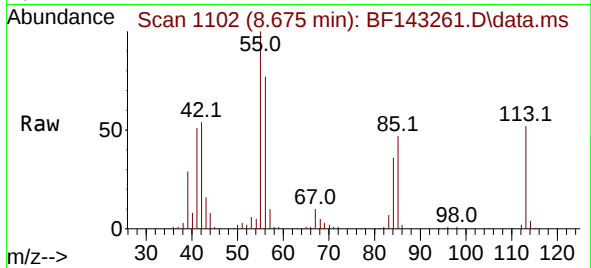




#35
 Caprolactam
 Concen: 29.674 ng
 RT: 8.675 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF143261.D
 Acq: 29 Jul 2025 17:34

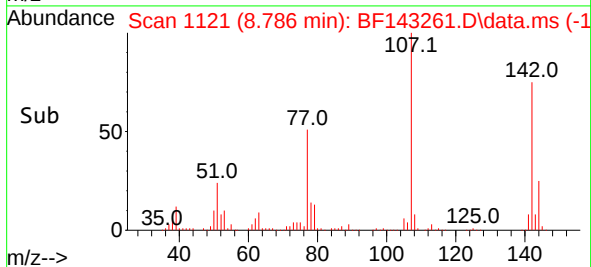
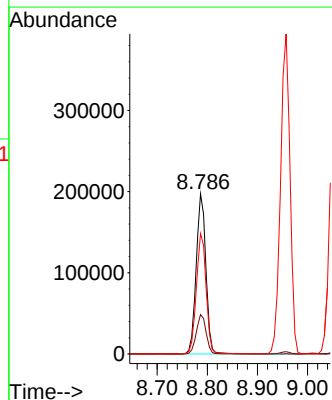
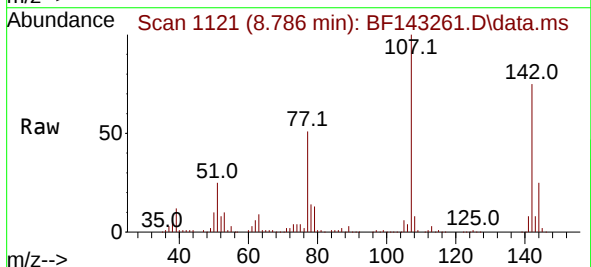
Instrument :
 BNA_F
 ClientSampleId :
 PB169043BS

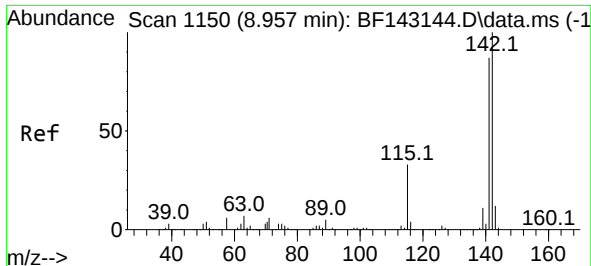
Tgt Ion:113 Resp: 49695
 Ion Ratio Lower Upper
 113 100
 55 191.4 174.0 214.0
 56 147.5 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.937 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143261.D
 Acq: 29 Jul 2025 17:34

Tgt Ion:107 Resp: 264662
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.8 29.6
 142 75.2 60.6 90.8

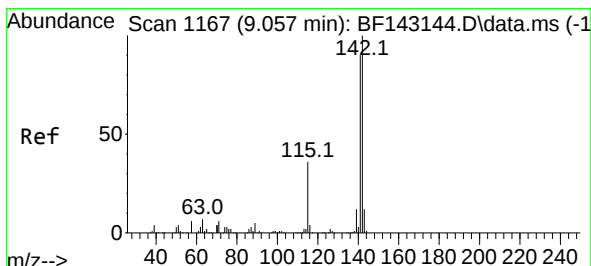
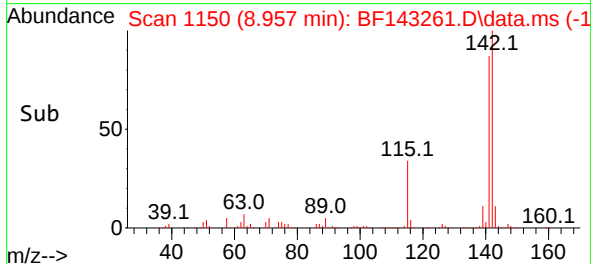
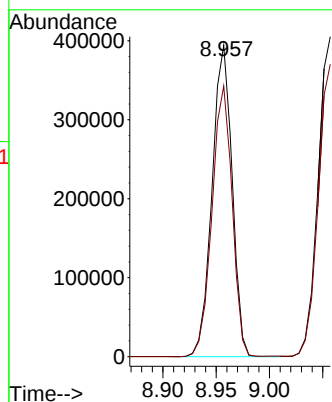
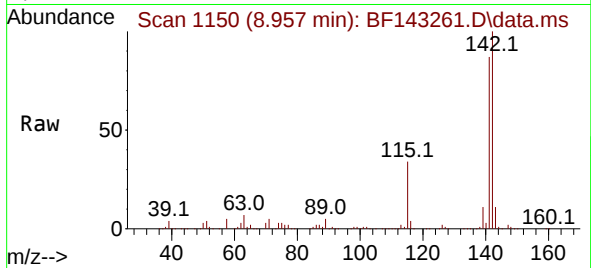




#37
2-Methylnaphthalene
Concen: 43.298 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

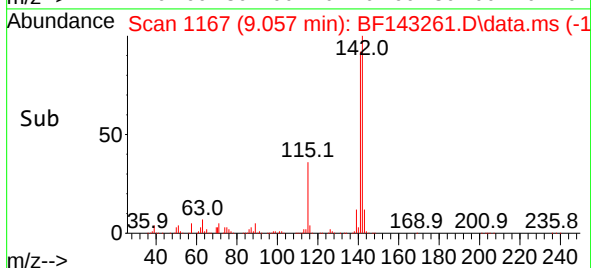
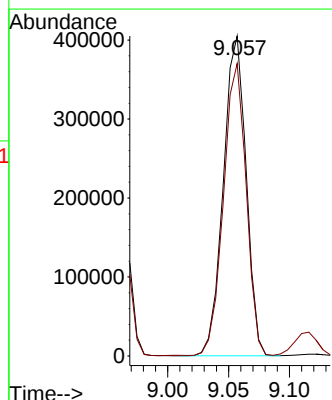
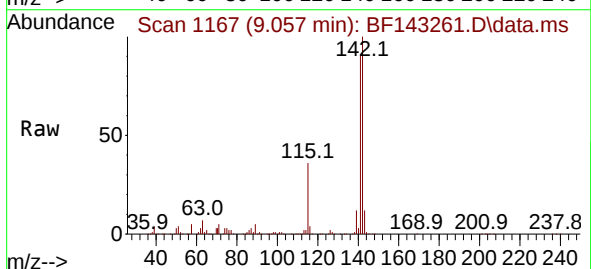
Instrument :
BNA_F
ClientSampleId :
PB169043BS

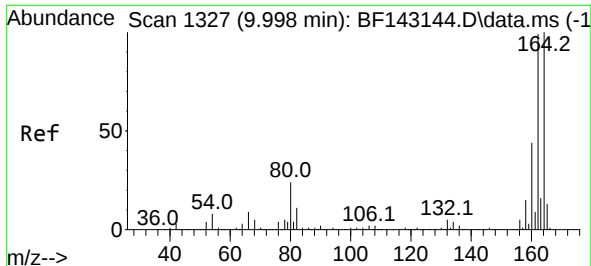
Tgt Ion:142 Resp: 515360
Ion Ratio Lower Upper
142 100
141 87.0 69.9 104.9



#38
1-Methylnaphthalene
Concen: 43.093 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:142 Resp: 528175
Ion Ratio Lower Upper
142 100
141 91.4 72.3 108.5

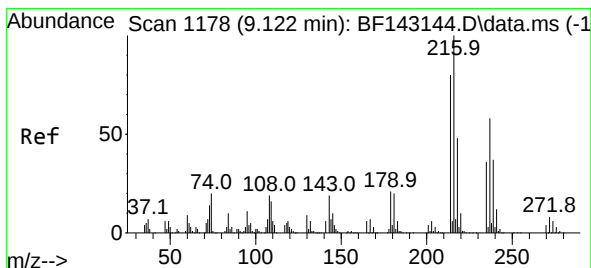
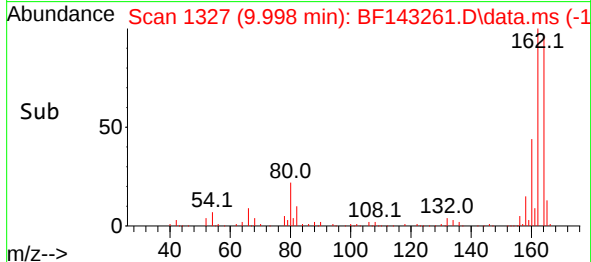
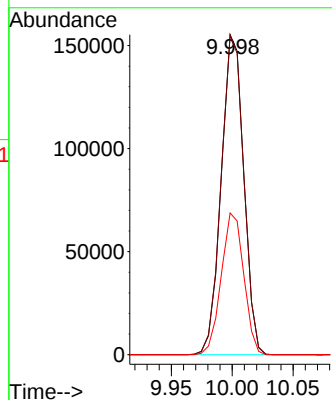
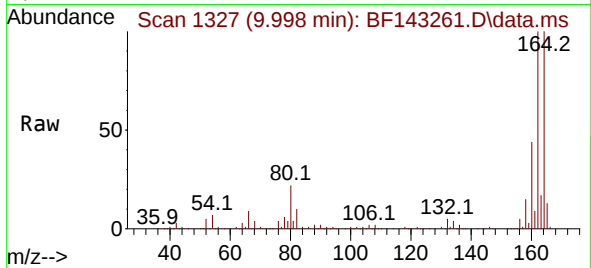




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

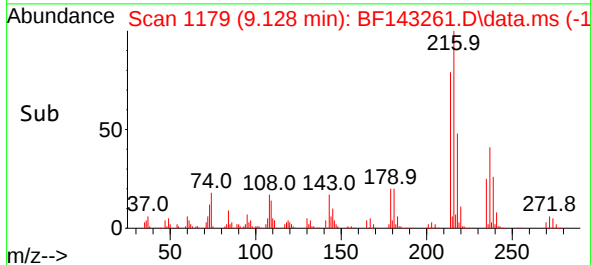
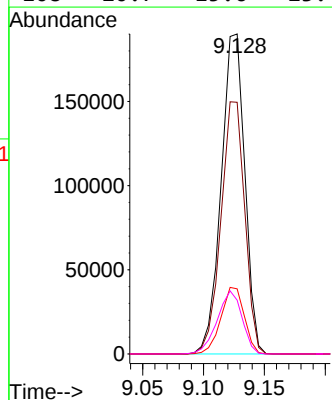
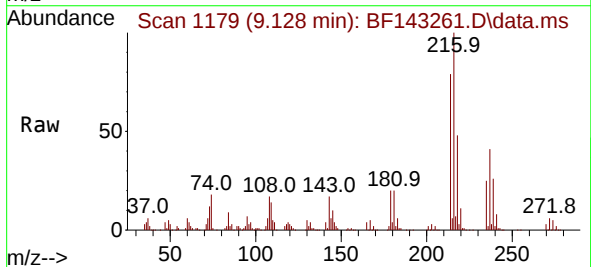
Instrument :
BNA_F
ClientSampleId :
PB169043BS

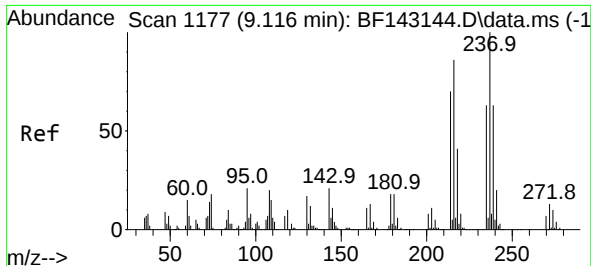
Tgt Ion:164 Resp: 199349
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.6
160 44.3 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.658 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:216 Resp: 257028
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.8
179 20.6 16.4 24.6
108 20.7 15.6 23.4

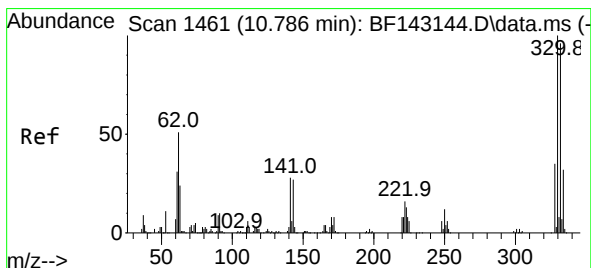
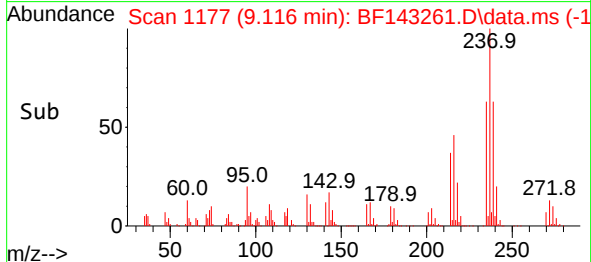
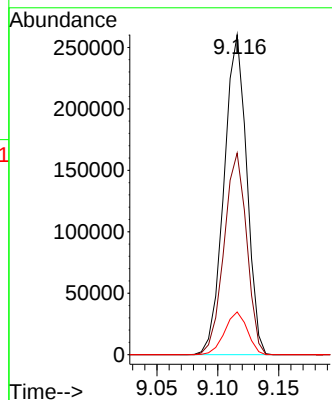
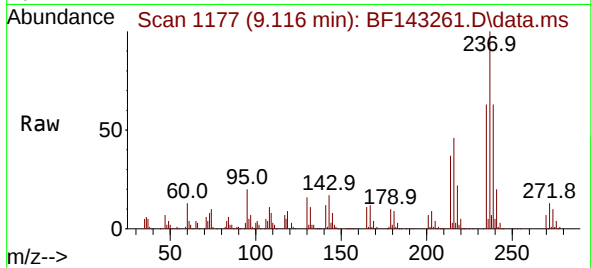




#41
Hexachlorocyclopentadiene
Concen: 90.129 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

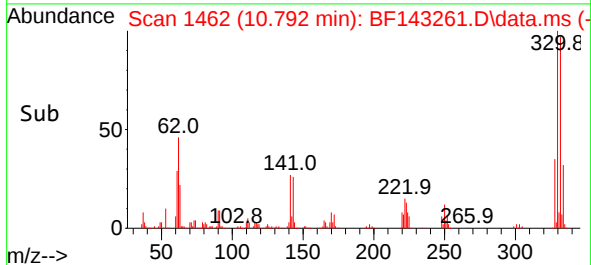
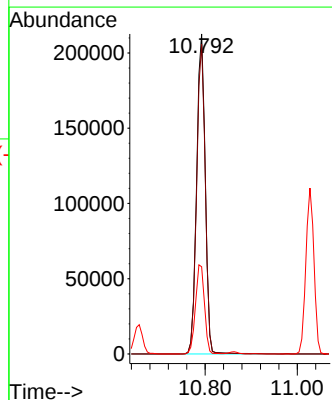
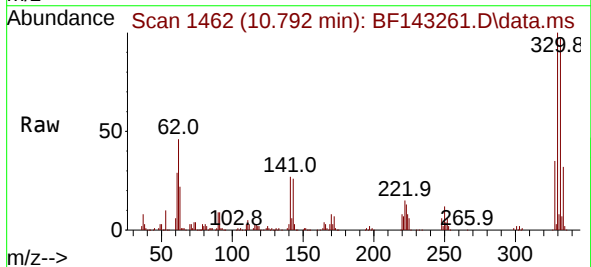
Instrument :
BNA_F
ClientSampleId :
PB169043BS

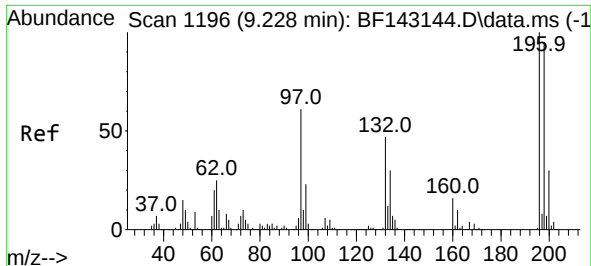
Tgt Ion:237 Resp: 337523
Ion Ratio Lower Upper
237 100
235 63.0 43.0 83.0
272 13.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 133.347 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:330 Resp: 274614
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 29.2 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 44.690 ng

RT: 9.234 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

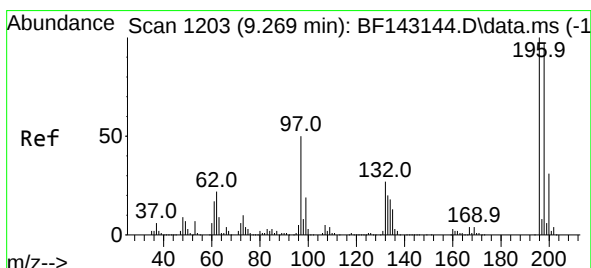
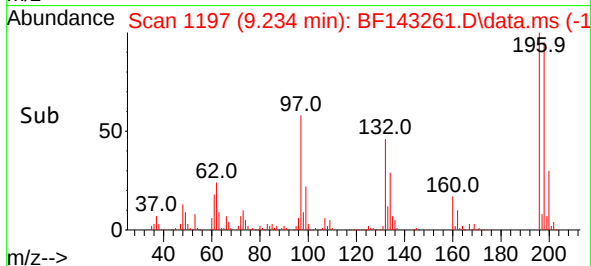
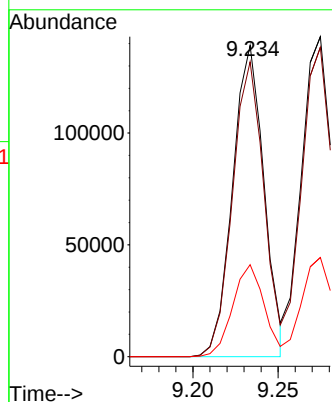
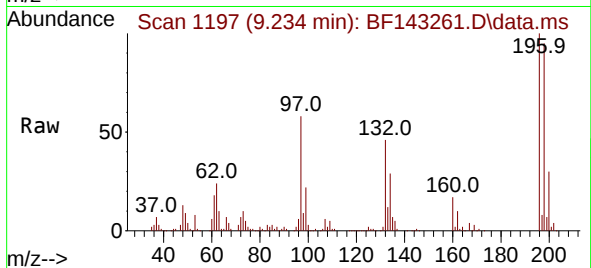
Tgt Ion:196 Resp: 178013

Ion Ratio Lower Upper

196 100

198 94.7 76.2 114.2

200 29.6 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 46.339 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Tgt Ion:196 Resp: 184636

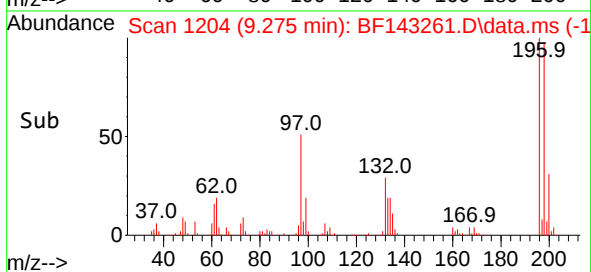
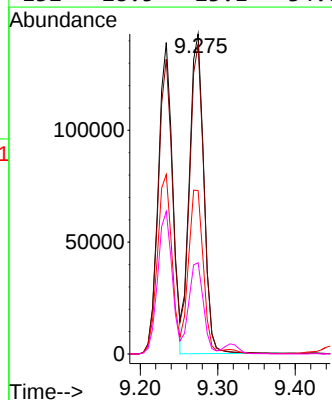
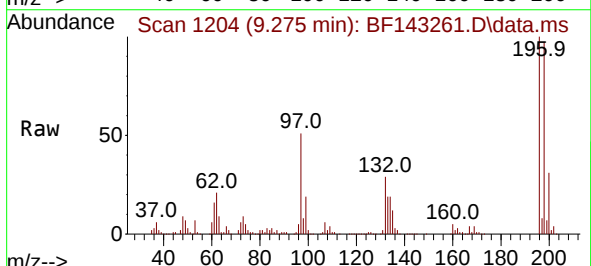
Ion Ratio Lower Upper

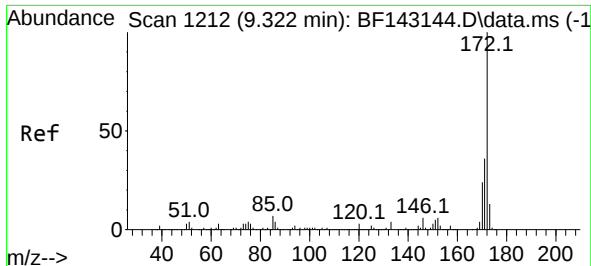
196 100

198 96.7 77.3 115.9

97 51.1 40.3 60.5

132 28.5 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 81.368 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

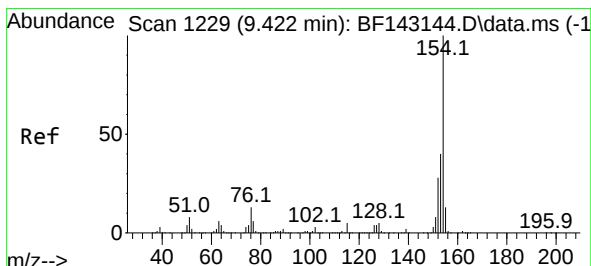
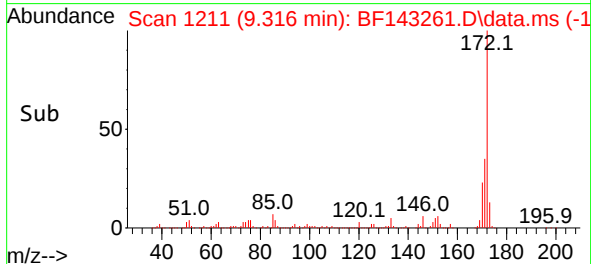
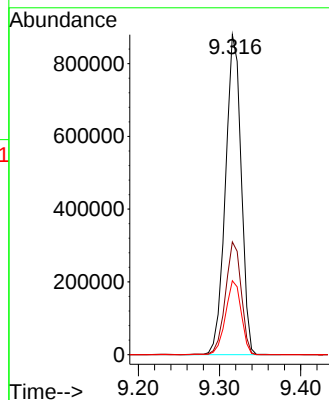
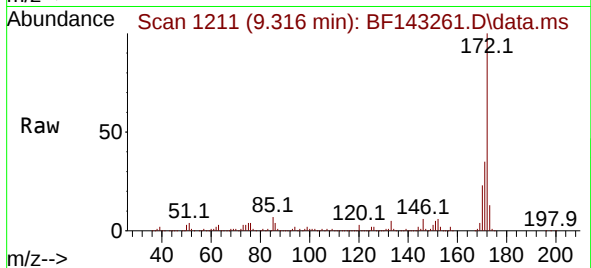
Tgt Ion:172 Resp: 1186042

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.1 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.919 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

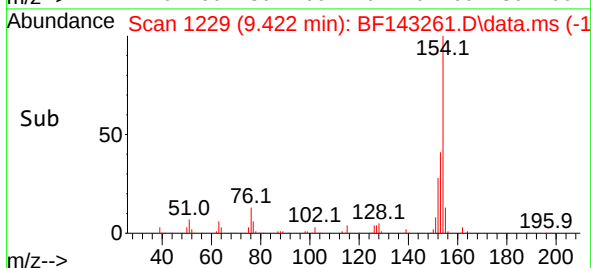
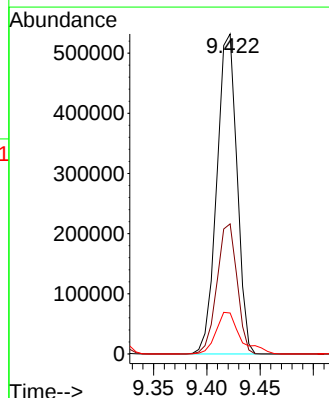
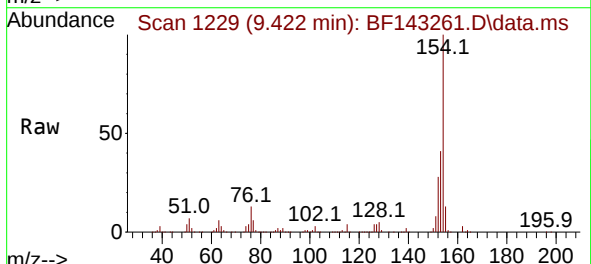
Tgt Ion:154 Resp: 698630

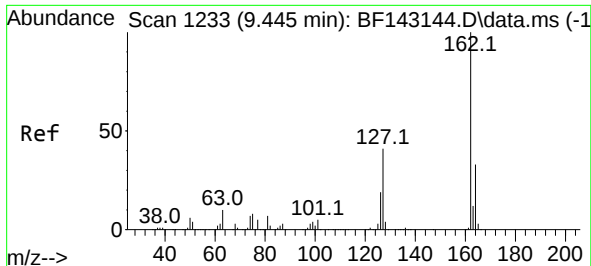
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 12.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.265 ng

RT: 9.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

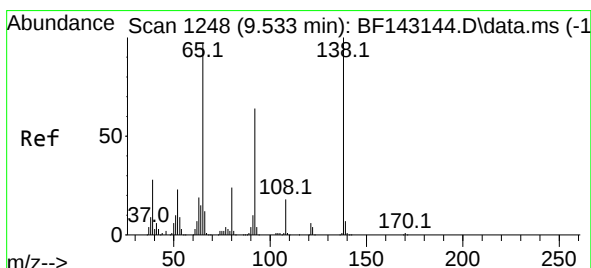
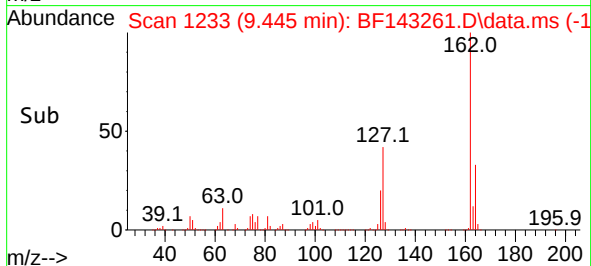
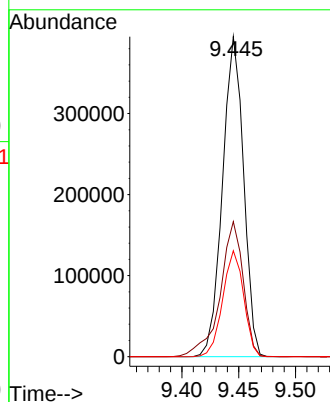
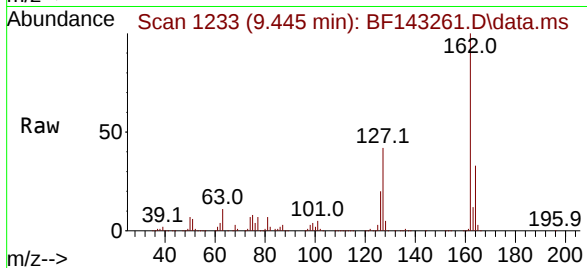
Tgt Ion:162 Resp: 509410

Ion Ratio Lower Upper

162 100

127 42.2 33.4 50.2

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 48.092 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

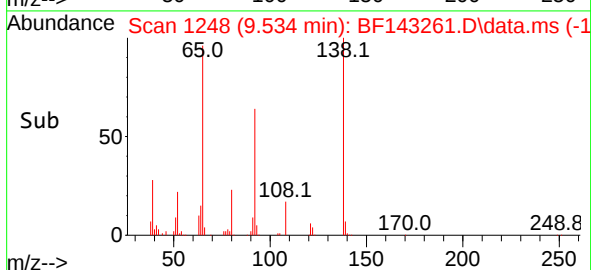
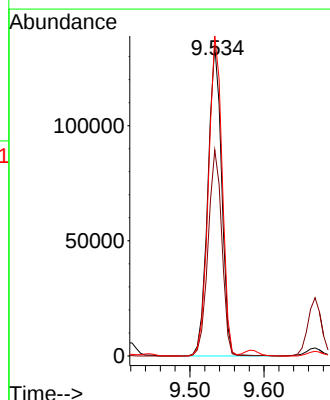
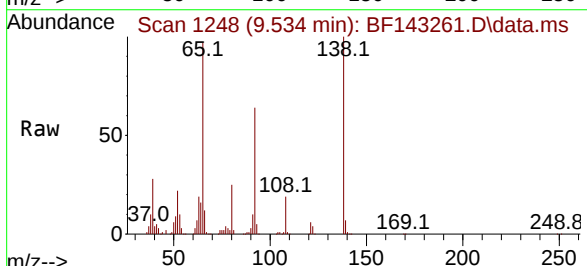
Tgt Ion: 65 Resp: 173561

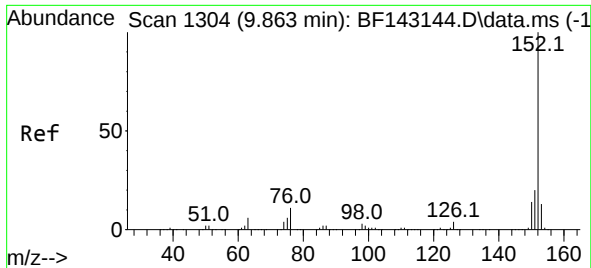
Ion Ratio Lower Upper

65 100

92 66.4 52.4 78.6

138 103.0 82.3 123.5

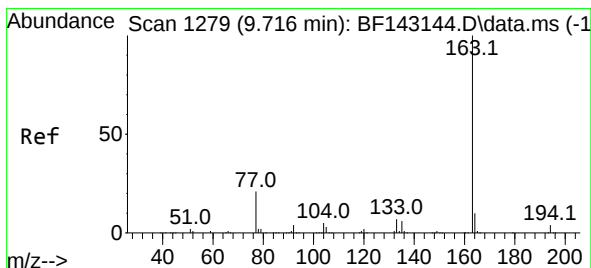
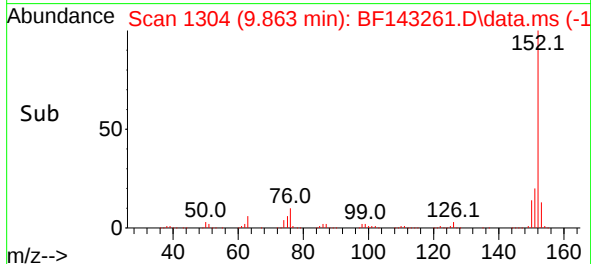
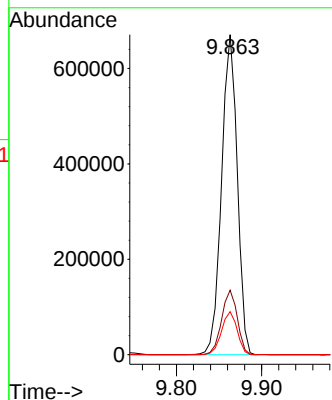
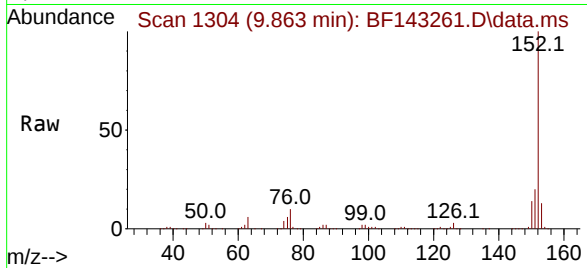




#49
Acenaphthylene
Concen: 44.526 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

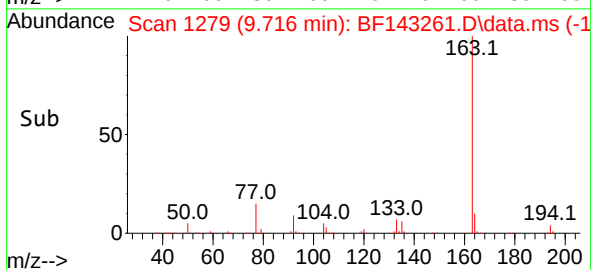
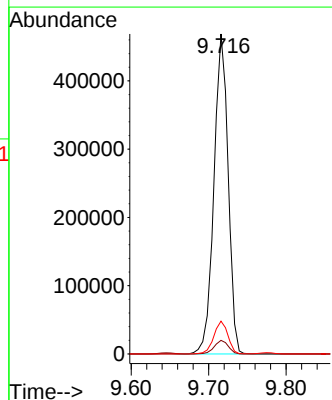
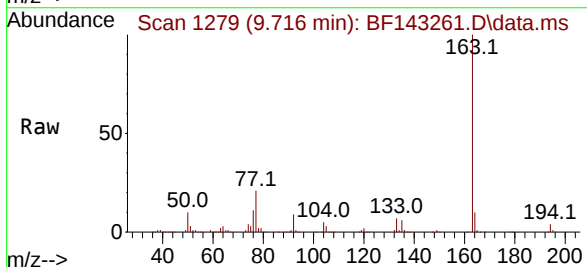
Instrument :
BNA_F
ClientSampleId :
PB169043BS

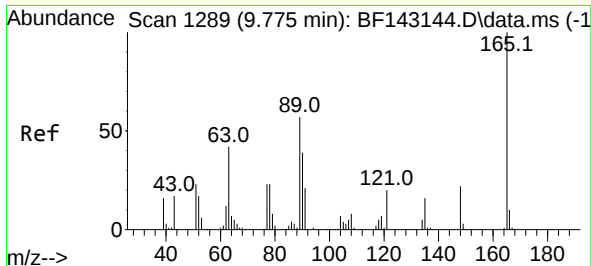
Tgt Ion:152 Resp: 858725
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 45.893 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:163 Resp: 596345
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.3 12.5

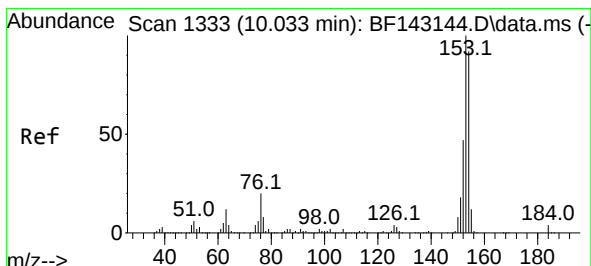
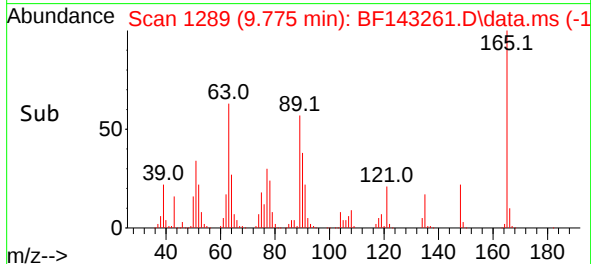
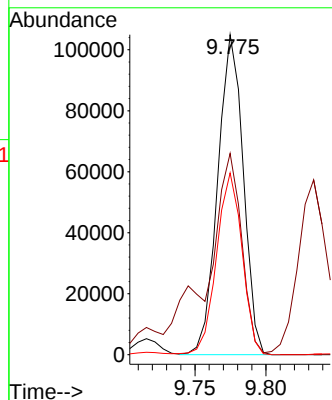
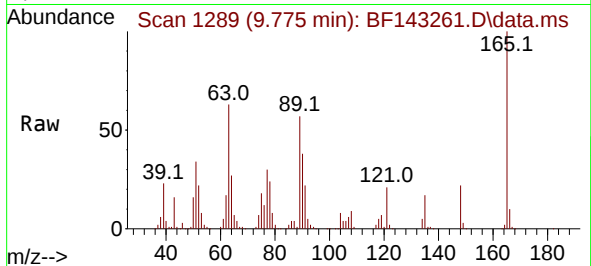




#51
2,6-Dinitrotoluene
Concen: 49.589 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

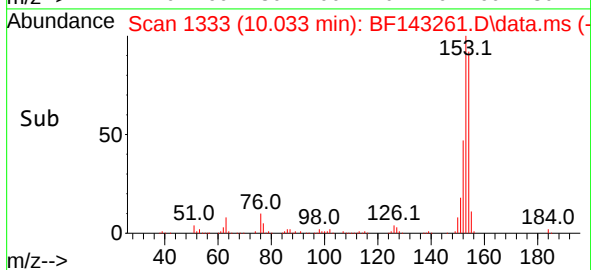
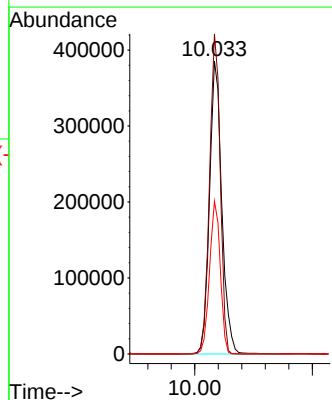
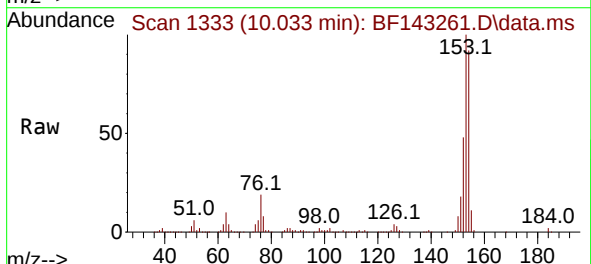
Instrument :
BNA_F
ClientSampleId :
PB169043BS

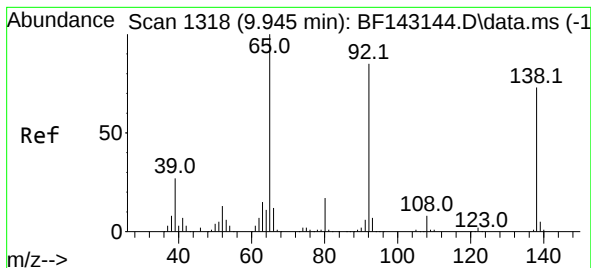
Tgt Ion:165 Resp: 131083
Ion Ratio Lower Upper
165 100
63 62.9 49.4 74.2
89 56.8 46.2 69.2



#52
Acenaphthene
Concen: 49.104 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:154 Resp: 559735
Ion Ratio Lower Upper
154 100
153 109.2 86.6 129.8
152 52.2 40.4 60.6





#53

3-Nitroaniline

Concen: 29.232 ng

RT: 9.945 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

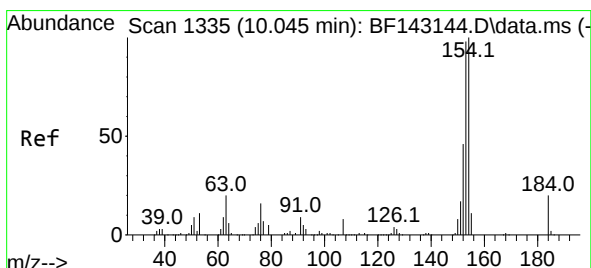
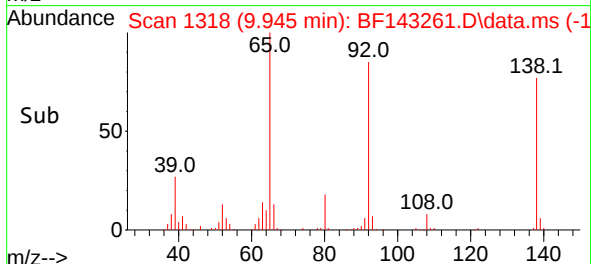
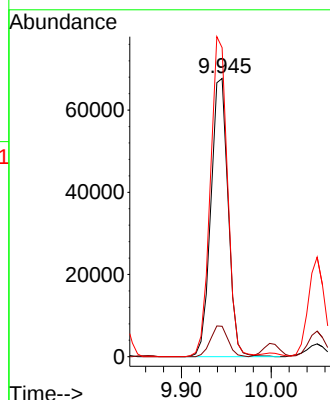
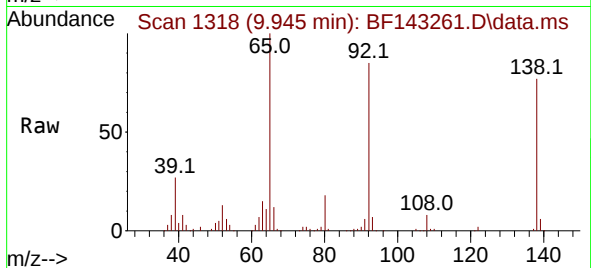
Tgt Ion:138 Resp: 90380

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.6

92 111.0 93.0 139.4



#54

2,4-Dinitrophenol

Concen: 103.769 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

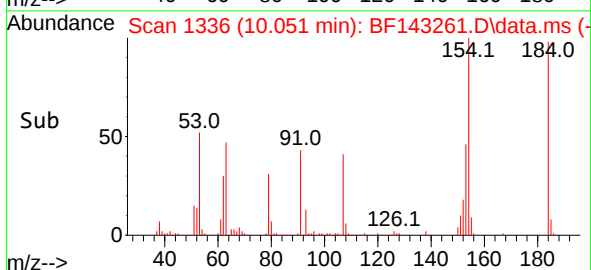
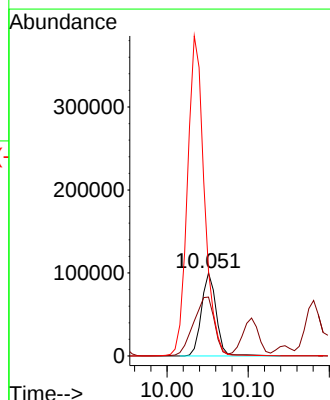
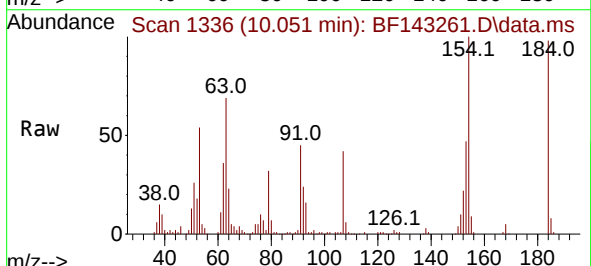
Tgt Ion:184 Resp: 126907

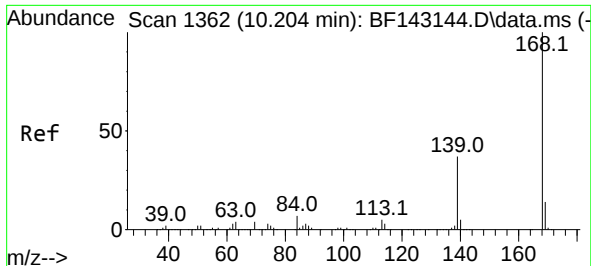
Ion Ratio Lower Upper

184 100

63 70.8 81.8 122.6#

154 102.1 412.2 618.4#

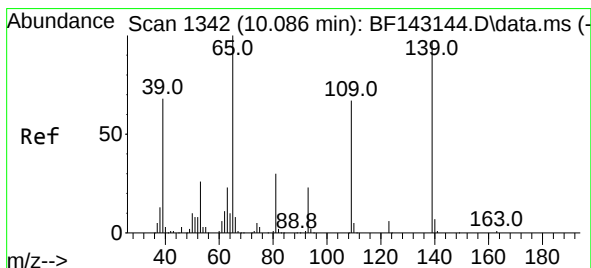
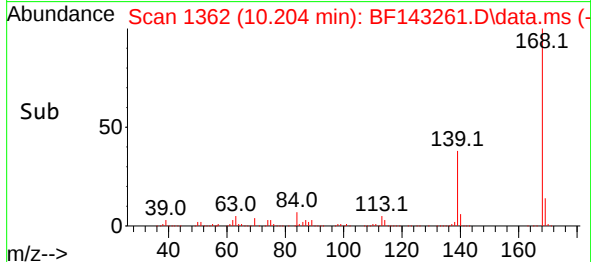
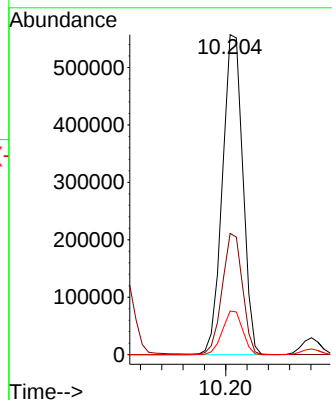
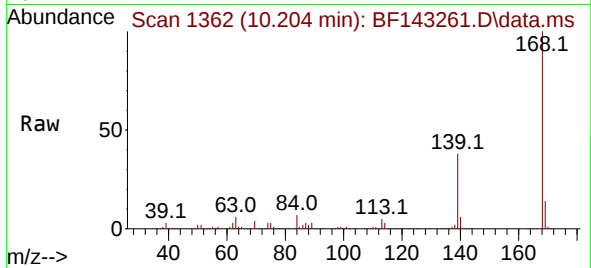




#55
Dibenzofuran
Concen: 43.677 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

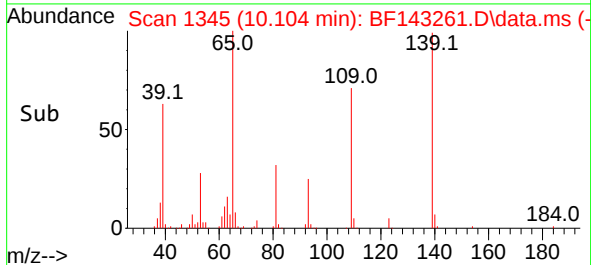
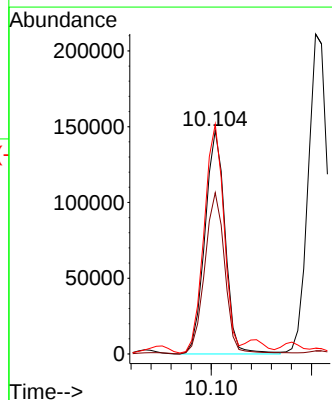
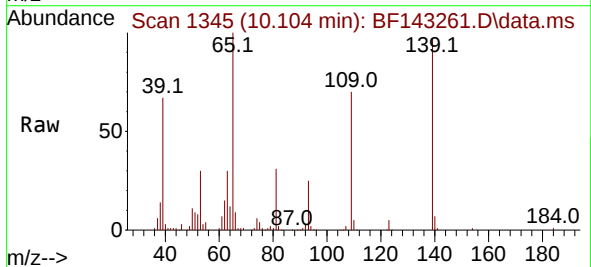
Instrument :
BNA_F
ClientSampleId :
PB169043BS

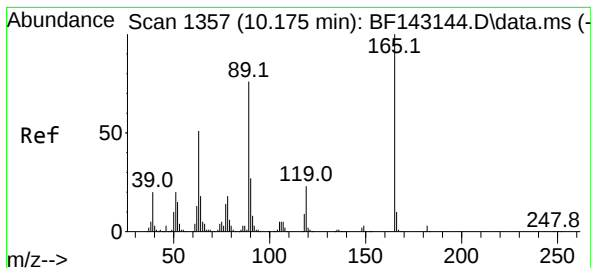
Tgt Ion:168 Resp: 739188
Ion Ratio Lower Upper
168 100
139 37.9 29.5 44.3
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 89.351 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:139 Resp: 206297
Ion Ratio Lower Upper
139 100
109 72.2 48.5 88.5
65 102.8 83.4 123.4

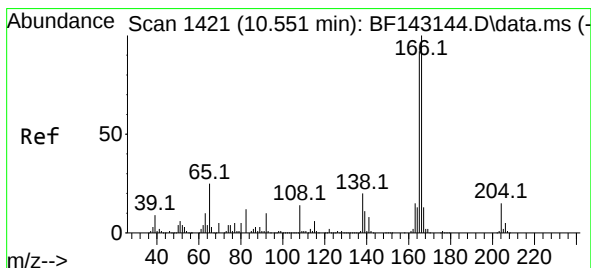
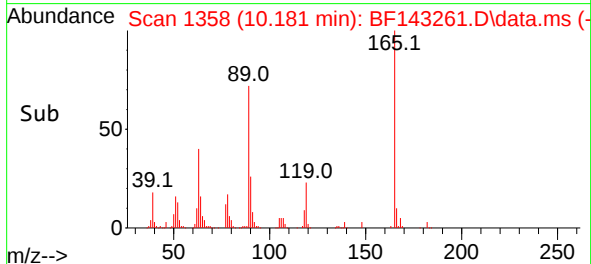
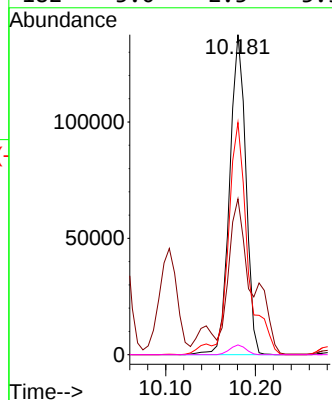
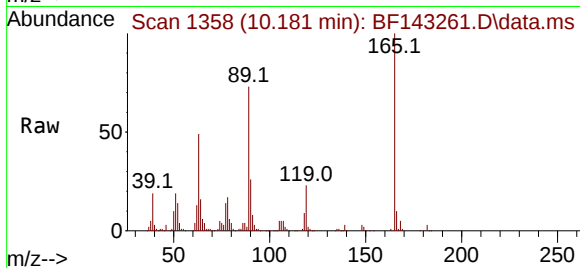




#57
2,4-Dinitrotoluene
Concen: 52.015 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

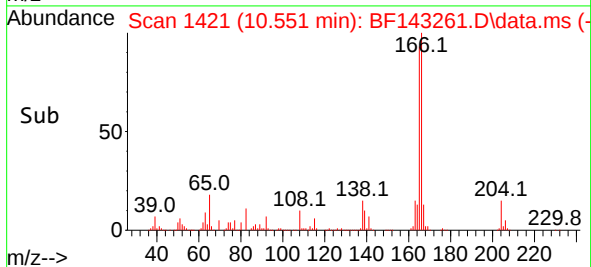
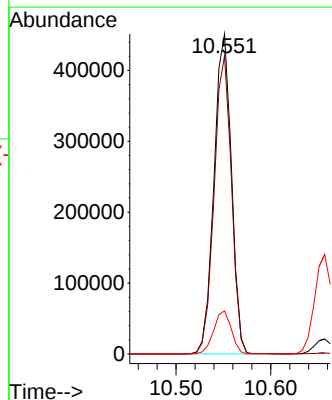
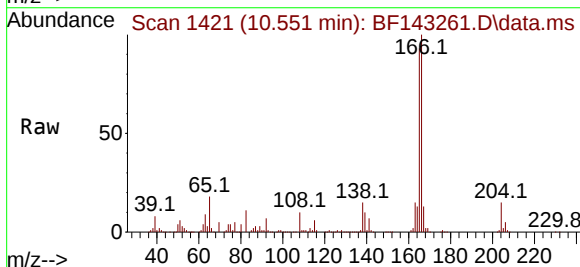
Instrument :
BNA_F
ClientSampleId :
PB169043BS

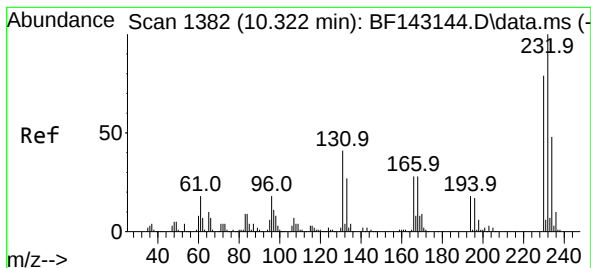
Tgt Ion:165 Resp: 172503
Ion Ratio Lower Upper
165 100
63 48.7 41.0 61.4
89 72.6 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 45.293 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:166 Resp: 575294
Ion Ratio Lower Upper
166 100
165 93.2 73.7 110.5
167 13.4 10.6 16.0

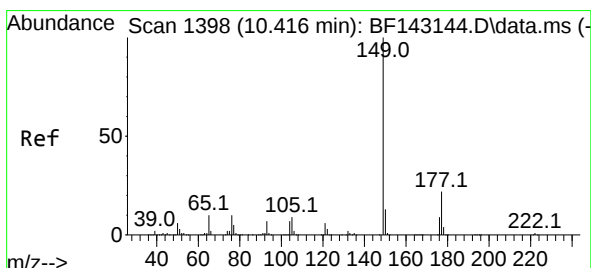
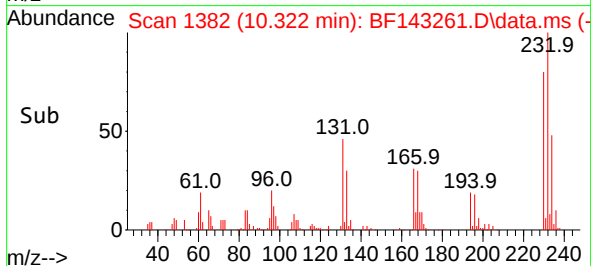
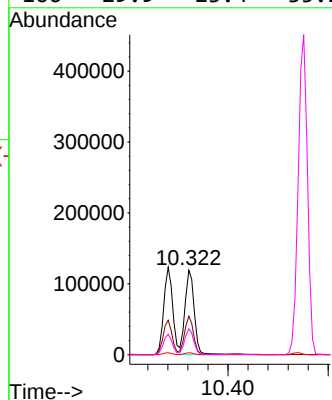
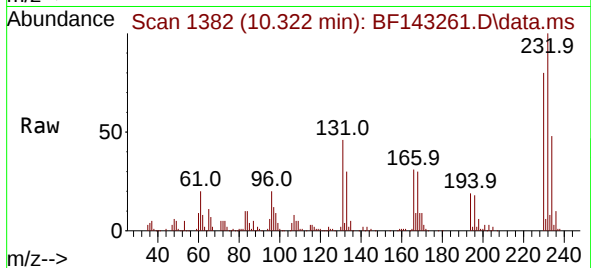




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.059 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

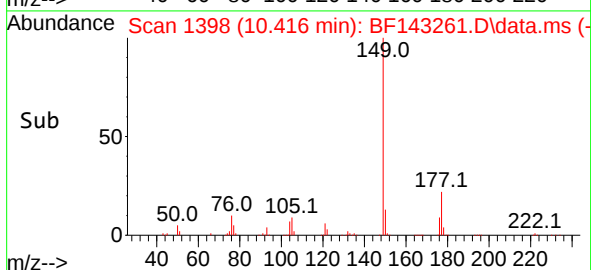
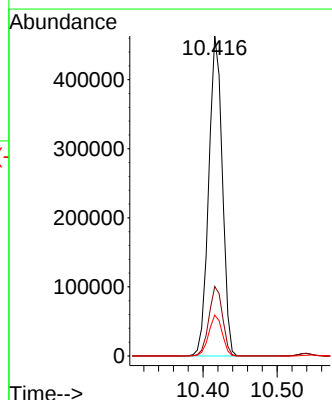
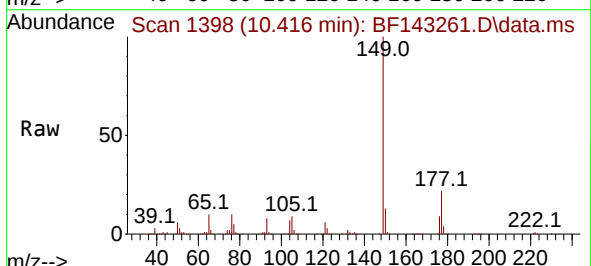
Instrument :
BNA_F
ClientSampleId :
PB169043BS

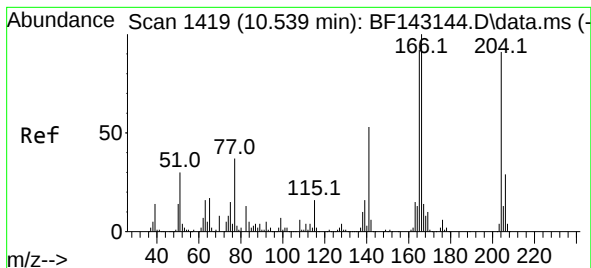
Tgt Ion:232 Resp: 152020
Ion Ratio Lower Upper
232 100
131 44.7 35.3 52.9
130 2.3 1.7 2.5
166 29.9 23.4 35.2



#60
Diethylphthalate
Concen: 45.965 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:149 Resp: 590348
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.8 10.2 15.2

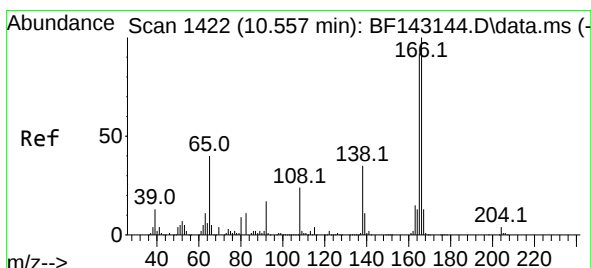
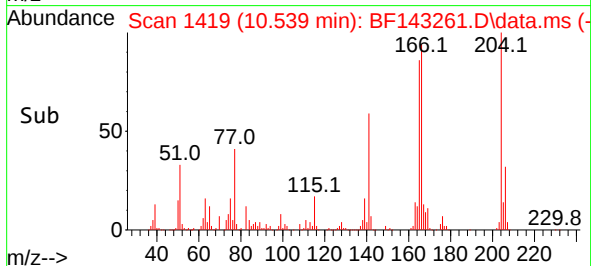
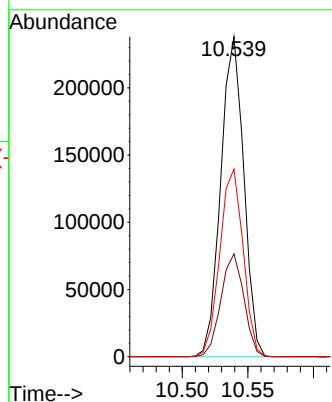
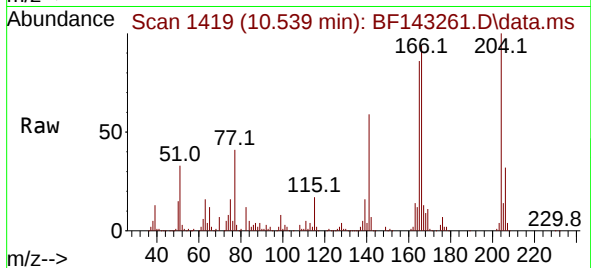




#61
4-Chlorophenyl-phenylether
Concen: 45.849 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

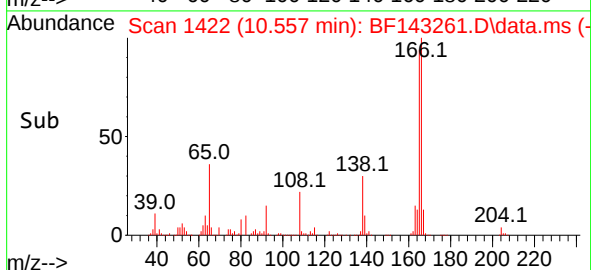
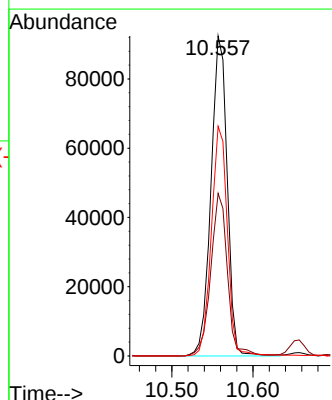
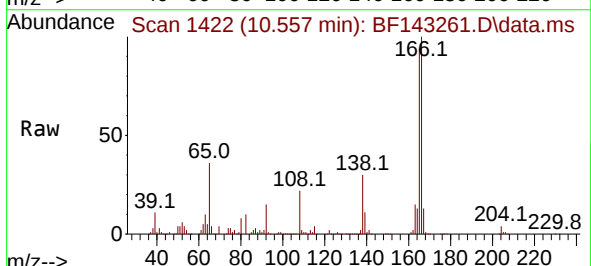
Instrument :
BNA_F
ClientSampleId :
PB169043BS

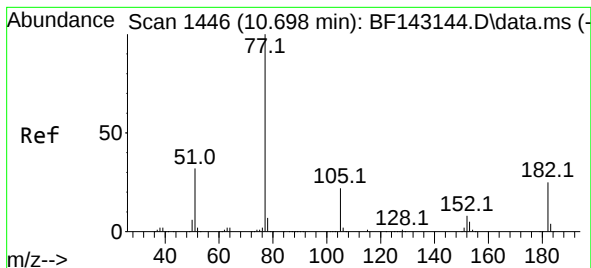
Tgt Ion:204 Resp: 289978
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 58.7 47.0 70.4



#62
4-Nitroaniline
Concen: 48.374 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:138 Resp: 128187
Ion Ratio Lower Upper
138 100
92 50.8 29.3 69.3
108 71.7 48.3 88.3





#63

Azobenzene

Concen: 43.425 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

Tgt Ion: 77 Resp: 581274

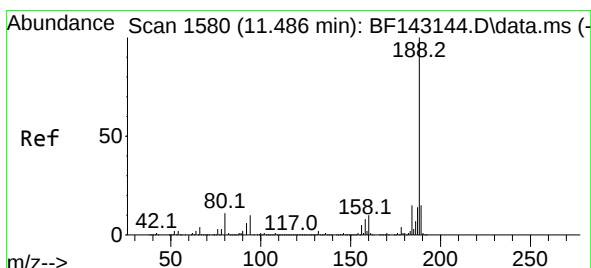
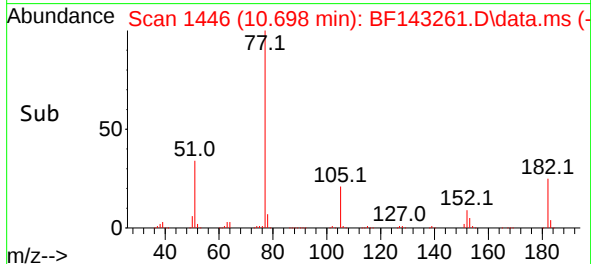
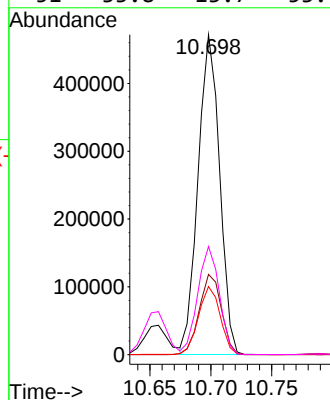
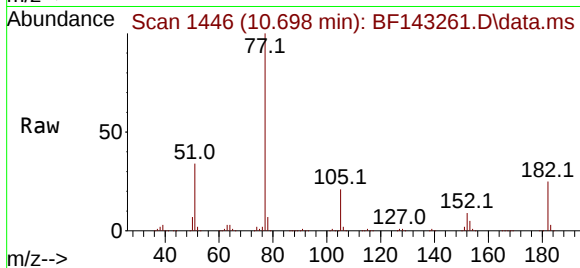
Ion Ratio Lower Upper

77 100

182 25.1 4.6 44.6

105 21.3 1.4 41.4

51 33.8 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

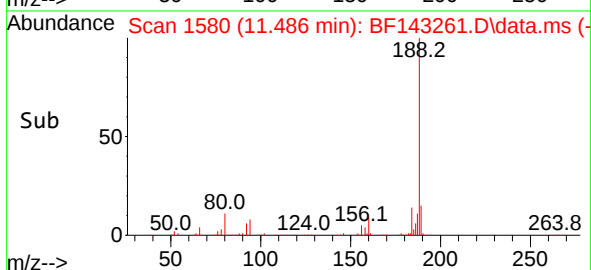
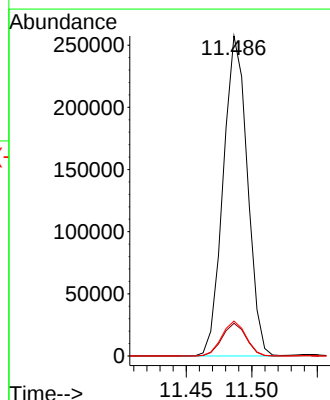
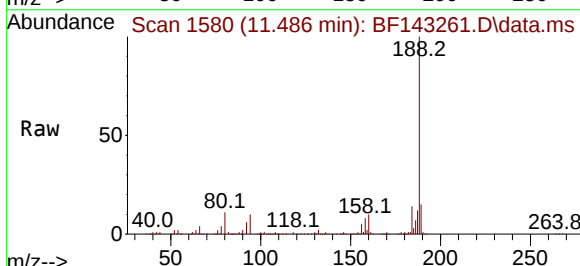
Tgt Ion:188 Resp: 329758

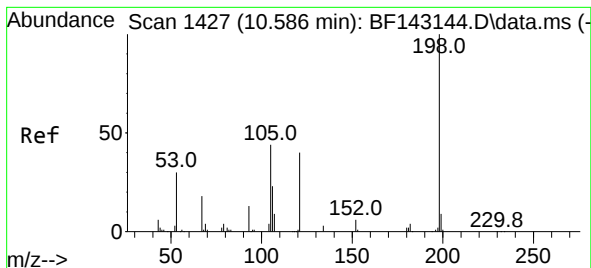
Ion Ratio Lower Upper

188 100

94 10.2 8.3 12.5

80 10.9 9.0 13.6

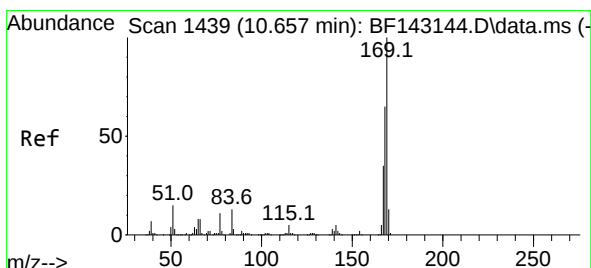
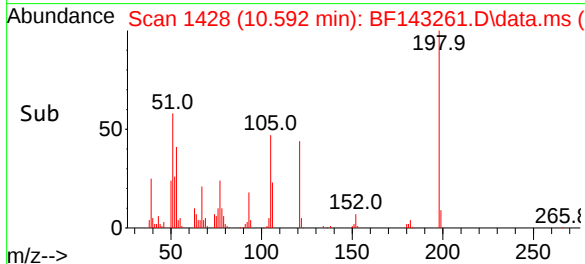
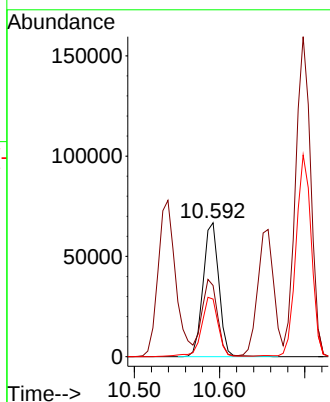
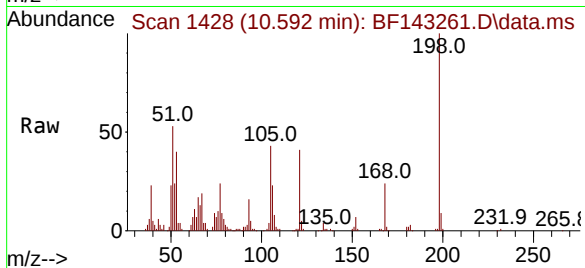




#65
4,6-Dinitro-2-methylphenol
Concen: 49.470 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

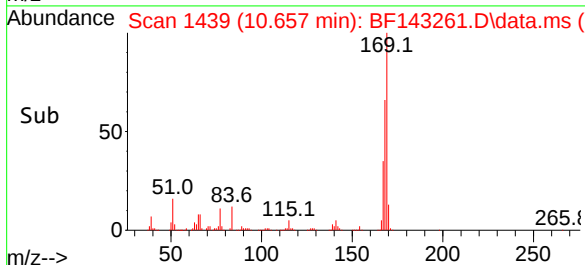
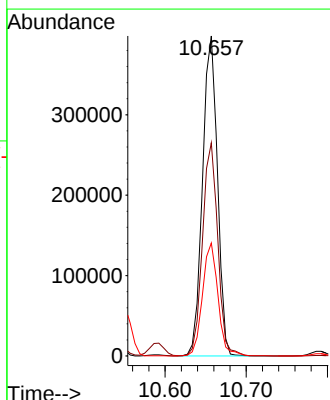
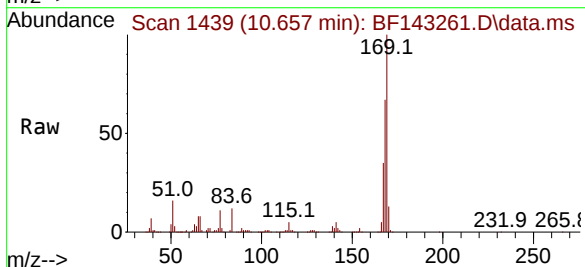
Instrument :
BNA_F
ClientSampleId :
PB169043BS

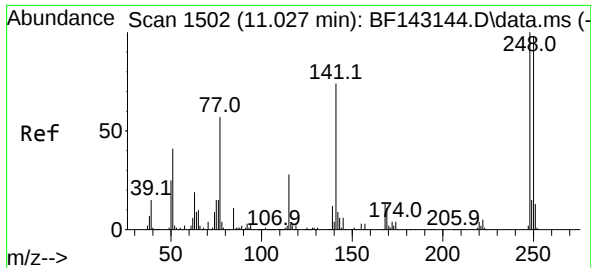
Tgt Ion:198 Resp: 85842
Ion Ratio Lower Upper
198 100
51 53.2 37.2 77.2
105 43.0 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 43.683 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:169 Resp: 507243
Ion Ratio Lower Upper
169 100
168 66.6 52.1 78.1
167 35.3 28.2 42.2

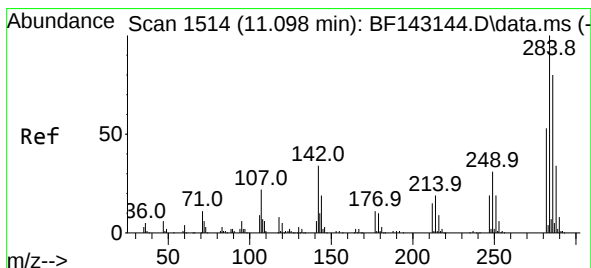
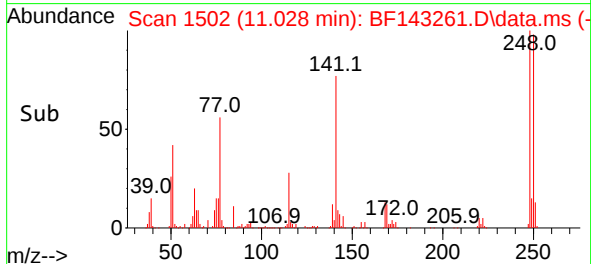
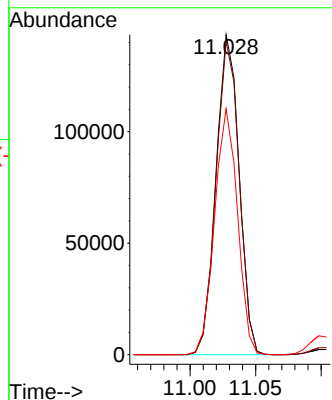
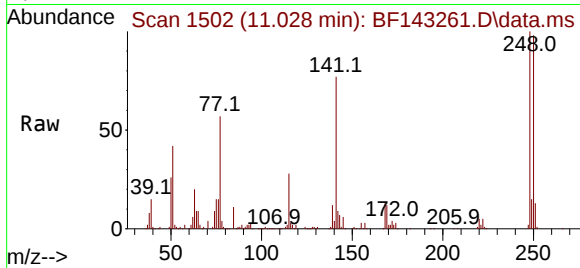




#67
4-Bromophenyl-phenylether
Concen: 44.812 ng
RT: 11.028 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

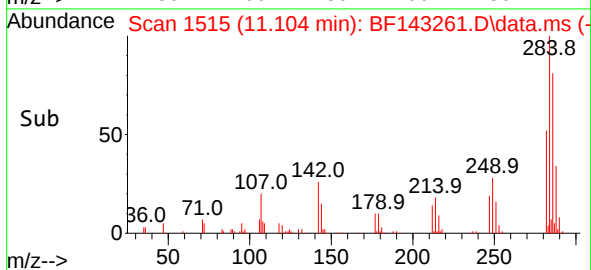
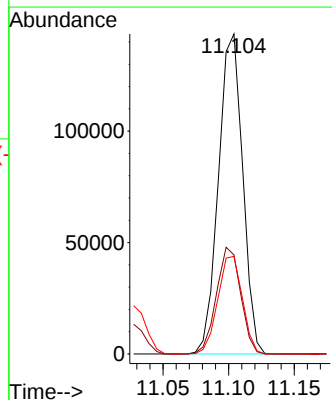
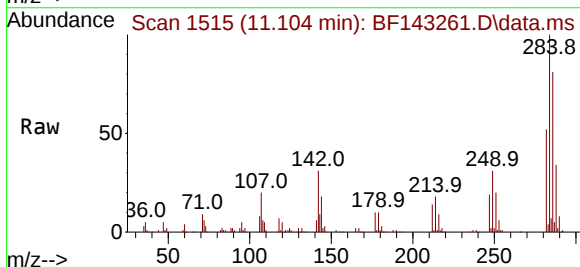
Instrument :
BNA_F
ClientSampleId :
PB169043BS

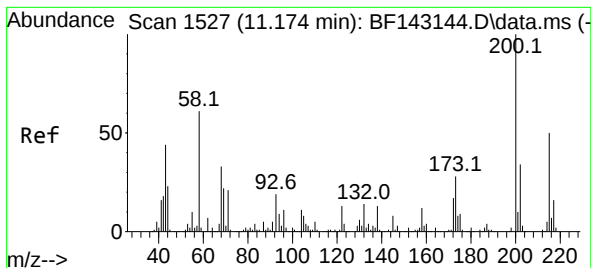
Tgt Ion:248 Resp: 176104
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 76.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 44.873 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:284 Resp: 184316
Ion Ratio Lower Upper
284 100
142 30.9 27.0 40.6
249 30.5 25.0 37.6





#69

Atrazine

Concen: 48.448 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

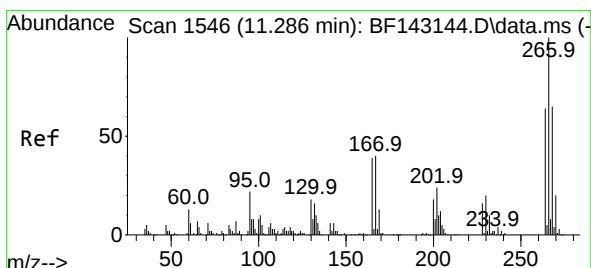
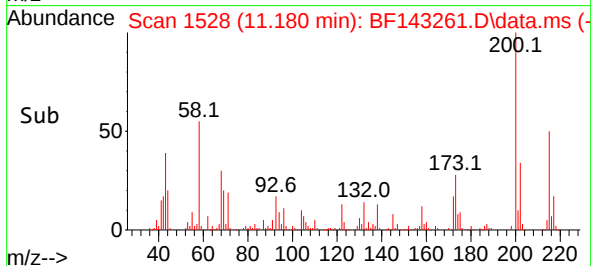
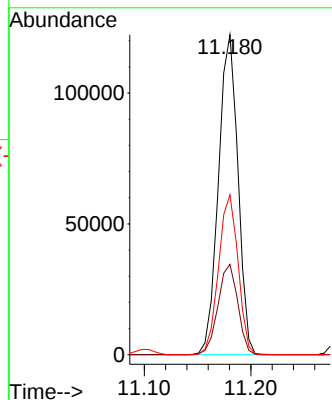
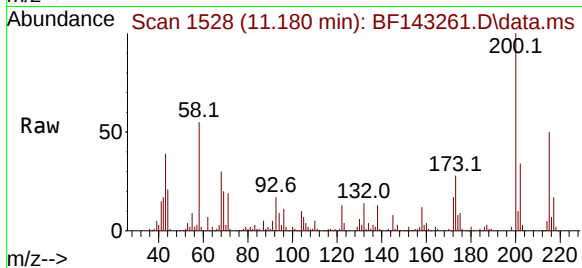
Tgt Ion:200 Resp: 155096

Ion Ratio Lower Upper

200 100

173 28.3 7.9 47.9

215 49.9 30.1 70.1



#70

Pentachlorophenol

Concen: 87.427 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

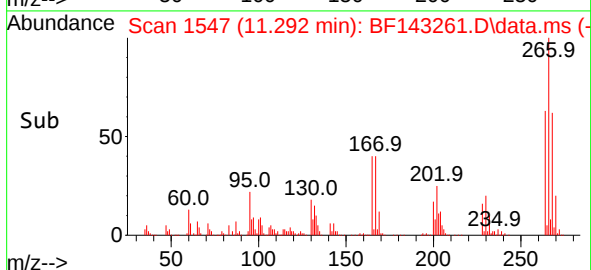
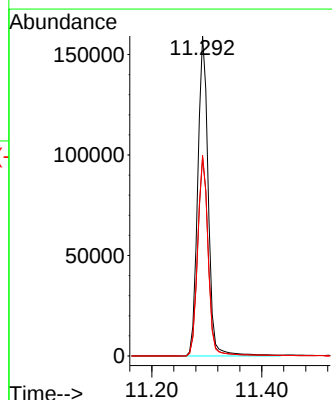
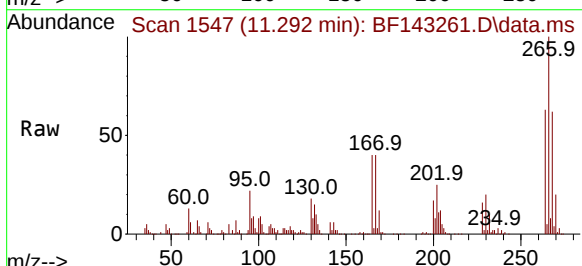
Tgt Ion:266 Resp: 211185

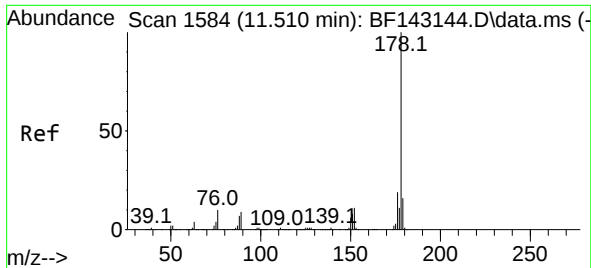
Ion Ratio Lower Upper

266 100

268 62.1 51.9 77.9

264 62.6 51.0 76.6

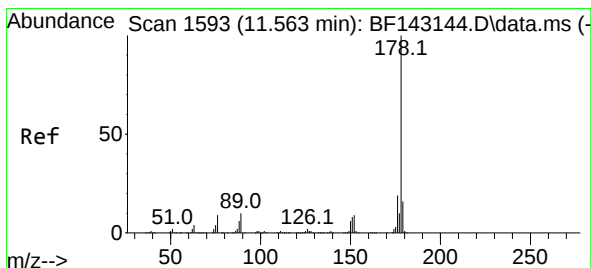
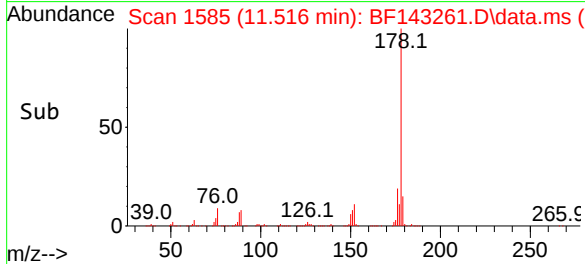
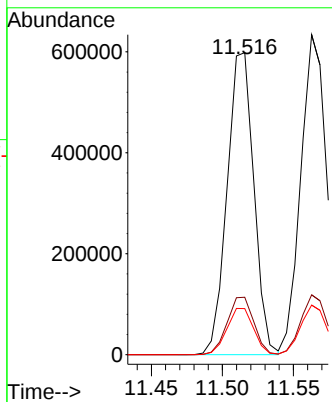
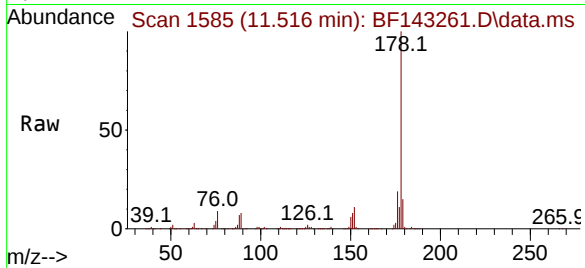




#71
Phenanthrene
Concen: 44.848 ng
RT: 11.516 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

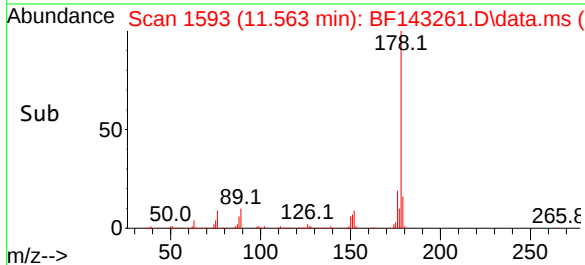
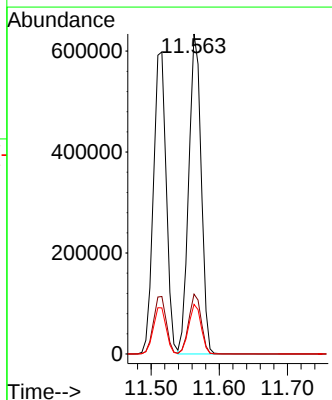
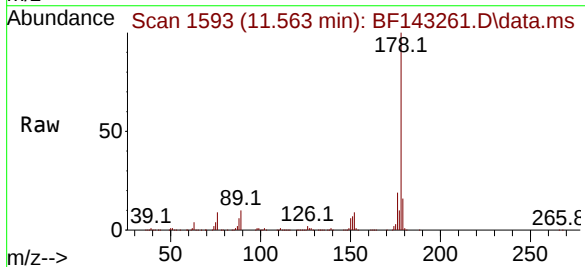
Instrument :
BNA_F
ClientSampleId :
PB169043BS

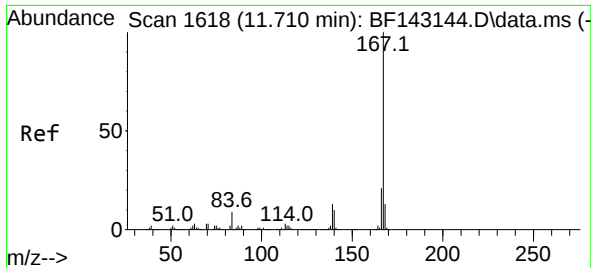
Tgt Ion:178 Resp: 785252
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.3 12.5 18.7



#72
Anthracene
Concen: 44.816 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:178 Resp: 800290
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.5 12.5 18.7

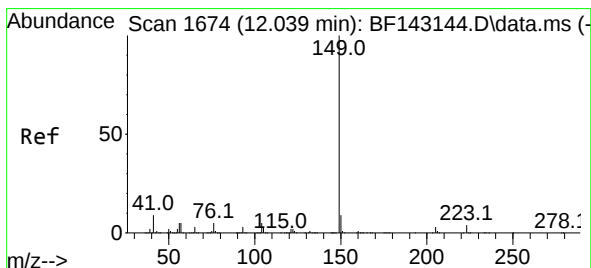
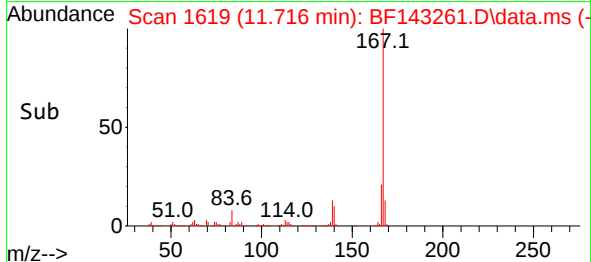
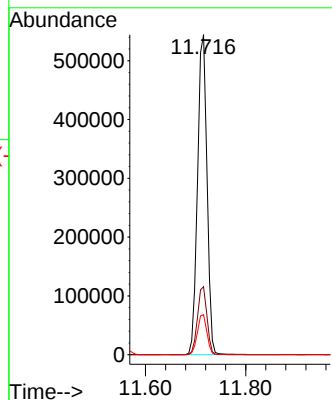
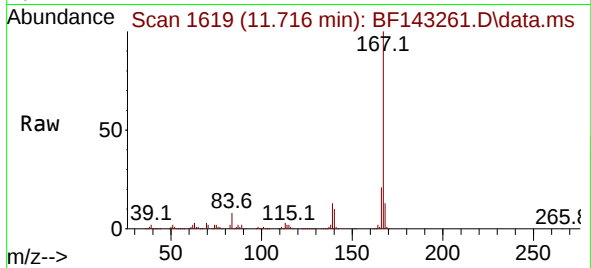




#73
Carbazole
Concen: 45.709 ng
RT: 11.716 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

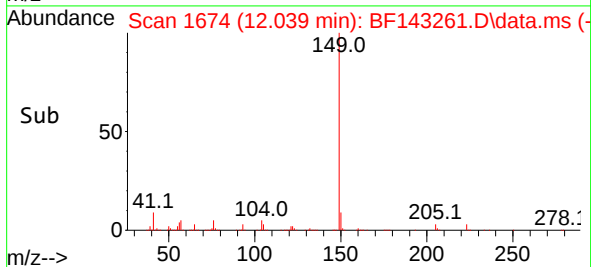
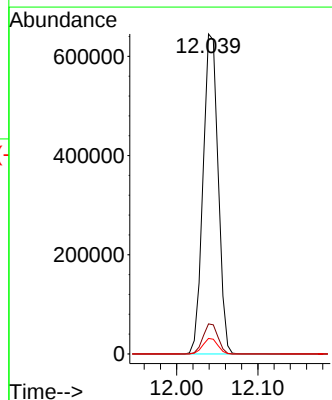
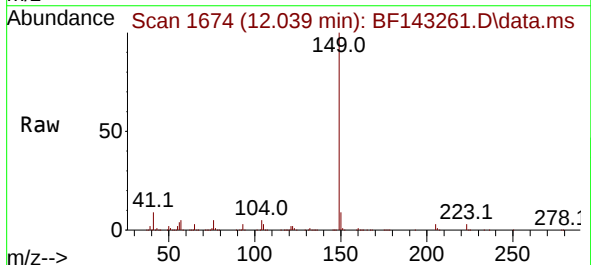
Instrument :
BNA_F
ClientSampleId :
PB169043BS

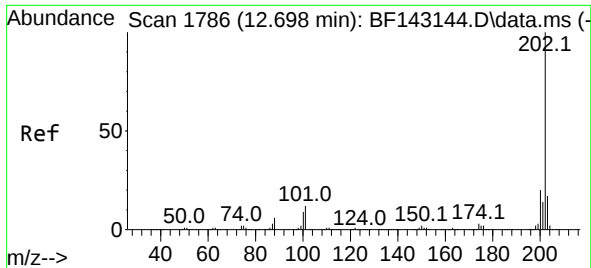
Tgt Ion:167 Resp: 712736
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.5 10.0 15.0



#74
Di-n-butylphthalate
Concen: 47.127 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:149 Resp: 831478
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.8 3.8 5.8

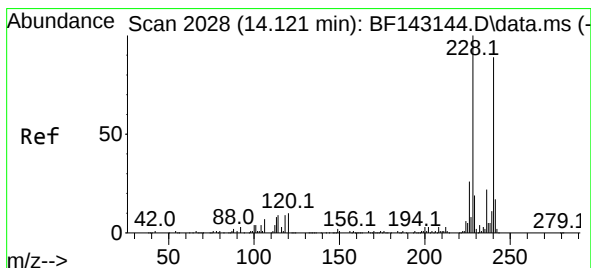
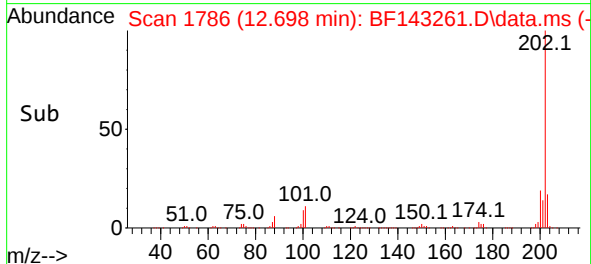
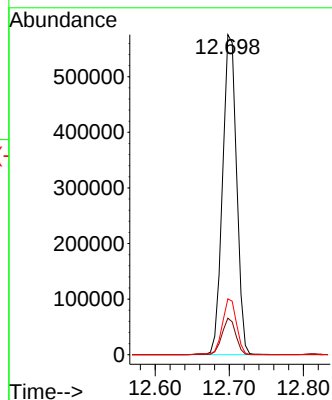
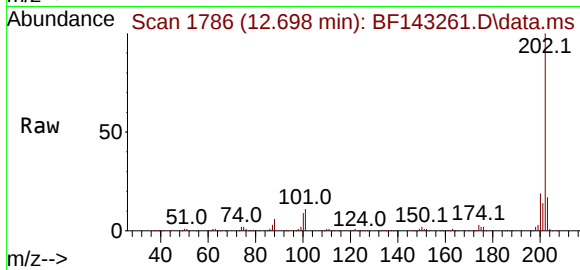




#75
 Fluoranthene
 Concen: 47.279 ng
 RT: 12.698 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143261.D
 Acq: 29 Jul 2025 17:34

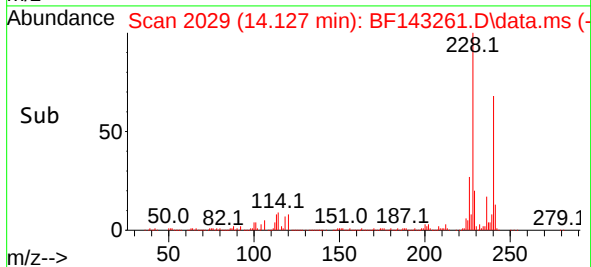
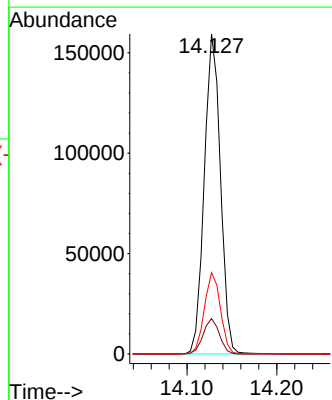
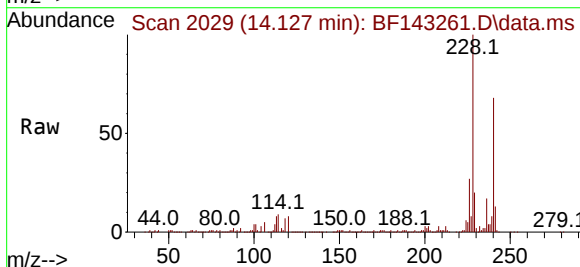
Instrument :
 BNA_F
 ClientSampleId :
 PB169043BS

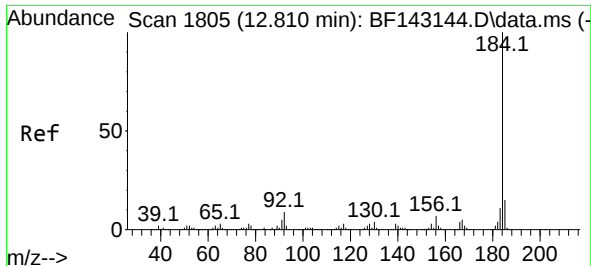
Tgt Ion:202 Resp: 759826
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.7
 203 17.4 0.0 37.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.127 min Scan# 2029
 Delta R.T. 0.006 min
 Lab File: BF143261.D
 Acq: 29 Jul 2025 17:34

Tgt Ion:240 Resp: 199043
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.4 14.2
 236 25.4 20.2 30.4

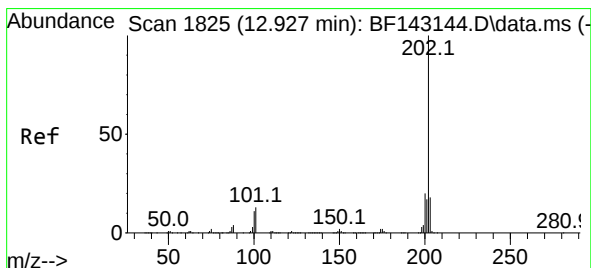
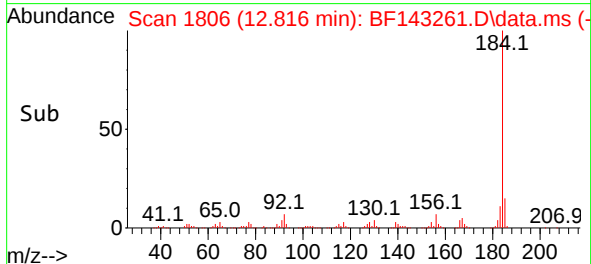
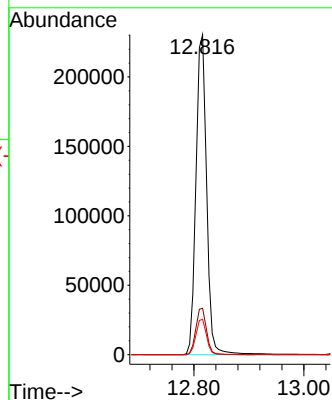
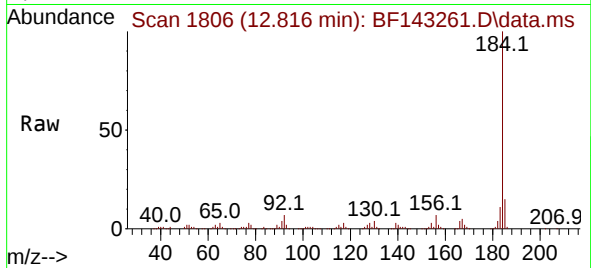




#77
Benzidine
Concen: 40.531 ng
RT: 12.816 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

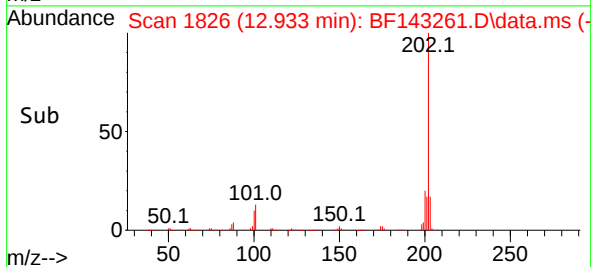
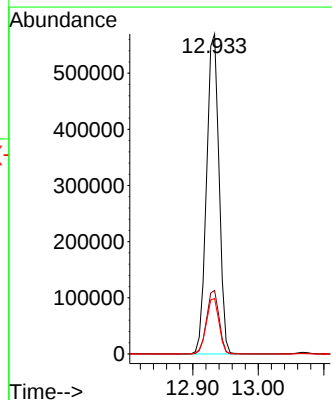
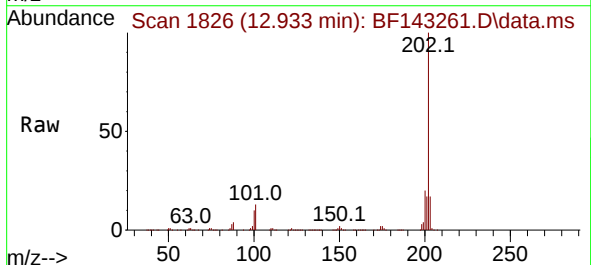
Instrument :
BNA_F
ClientSampleId :
PB169043BS

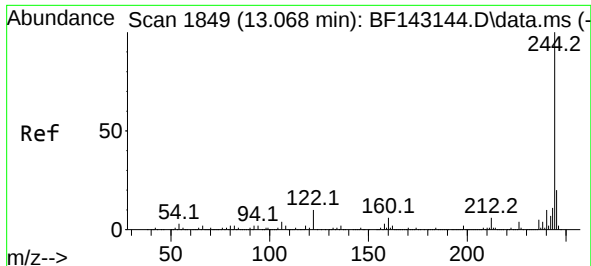
Tgt Ion:184 Resp: 310814
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.4
183 11.1 9.0 13.4



#78
Pyrene
Concen: 44.431 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

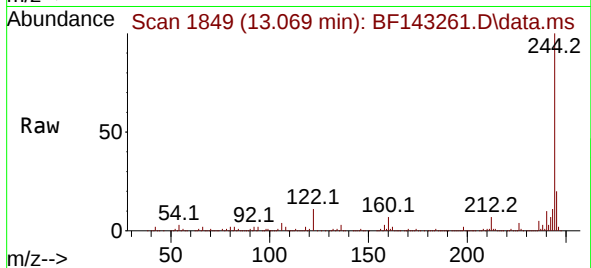
Tgt Ion:202 Resp: 754767
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.3 14.2 21.2





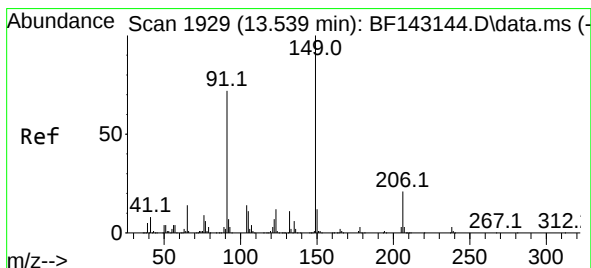
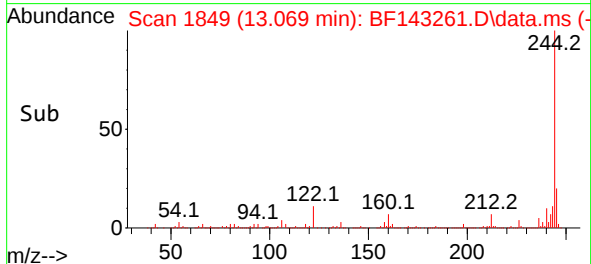
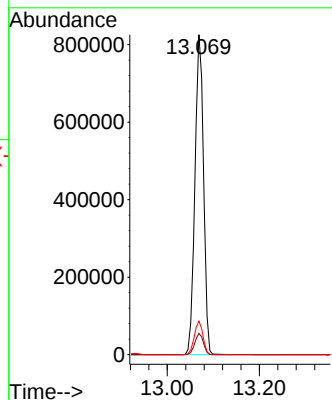
#79
 Terphenyl-d14
 Concen: 79.554 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143261.D
 Acq: 29 Jul 2025 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB169043BS



Tgt Ion:244 Resp: 1064085

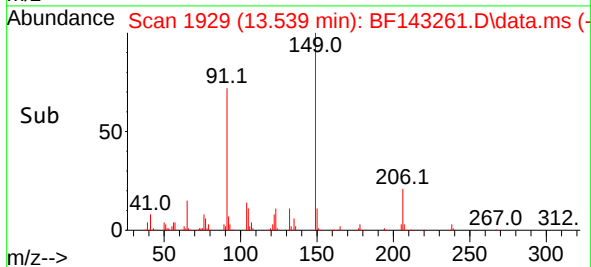
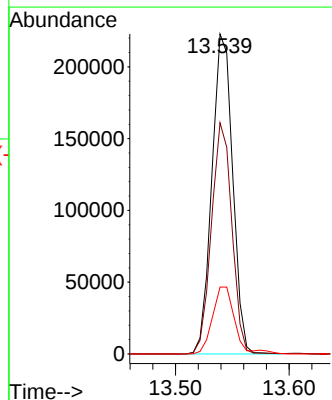
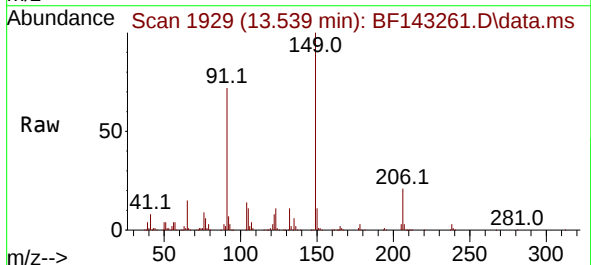
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.5	8.2	12.2

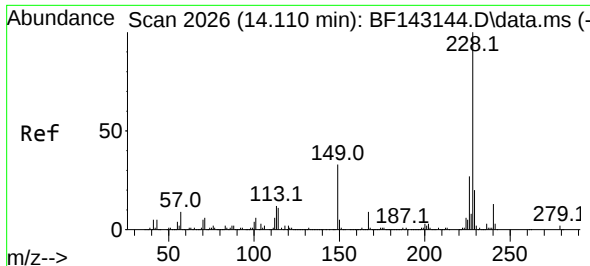


#80
 Butylbenzylphthalate
 Concen: 54.449 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143261.D
 Acq: 29 Jul 2025 17:34

Tgt Ion:149 Resp: 283230

Ion	Ratio	Lower	Upper
149	100		
91	72.3	57.9	86.9
206	20.9	17.0	25.4

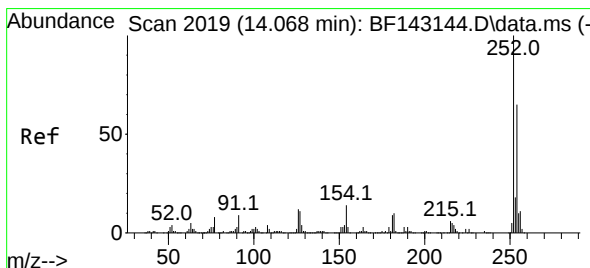
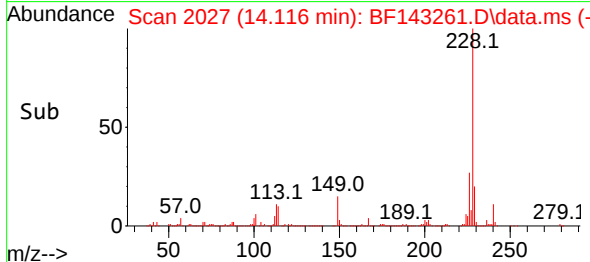
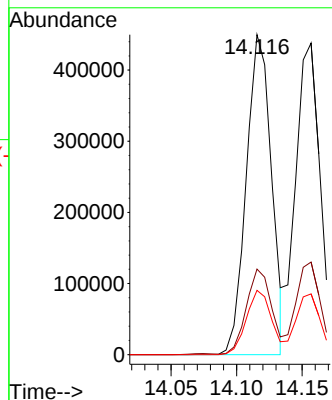
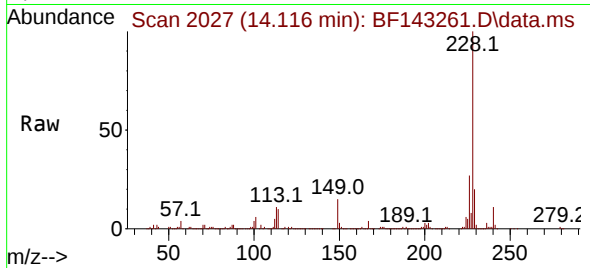




#81
Benzo(a)anthracene
Concen: 45.021 ng
RT: 14.116 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

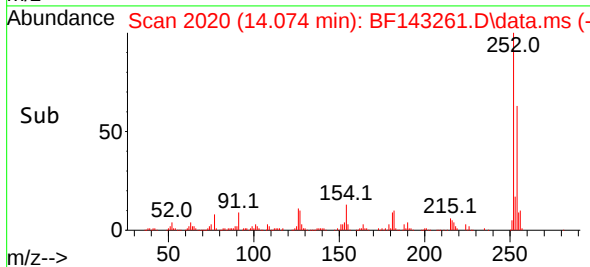
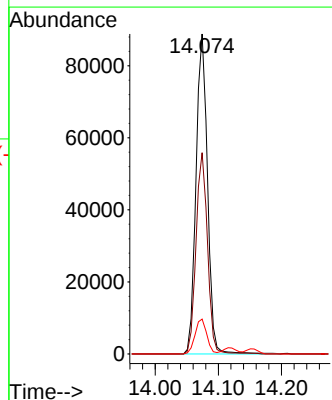
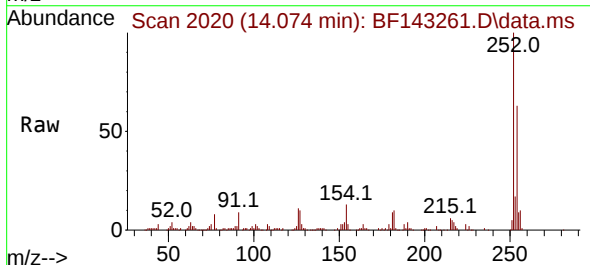
Instrument :
BNA_F
ClientSampleId :
PB169043BS

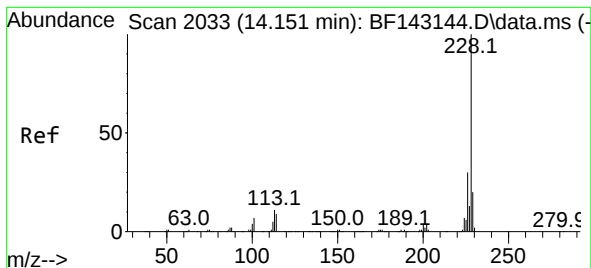
Tgt Ion:228 Resp: 599945
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 20.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 25.220 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:252 Resp: 112014
Ion Ratio Lower Upper
252 100
254 62.9 51.7 77.5
126 10.9 9.4 14.0





#83

Chrysene

Concen: 47.411 ng

RT: 14.157 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

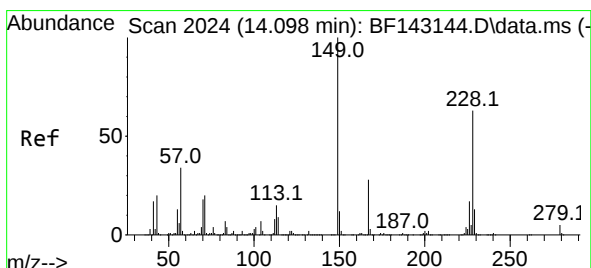
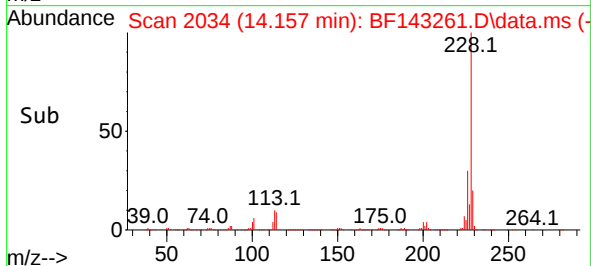
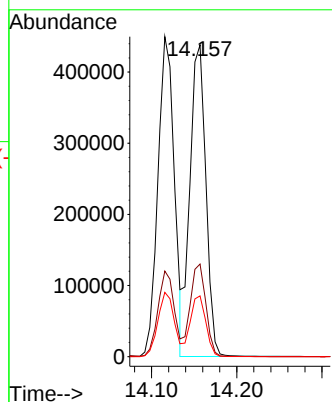
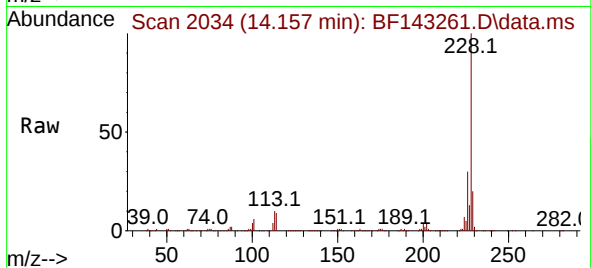
Tgt Ion:228 Resp: 568050

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.395 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

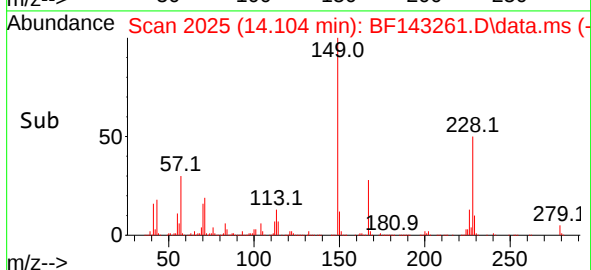
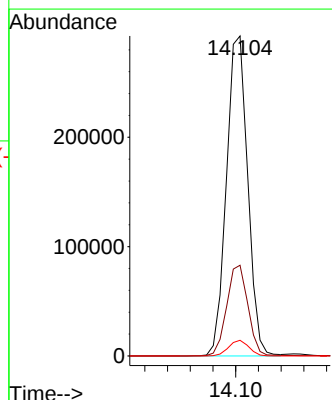
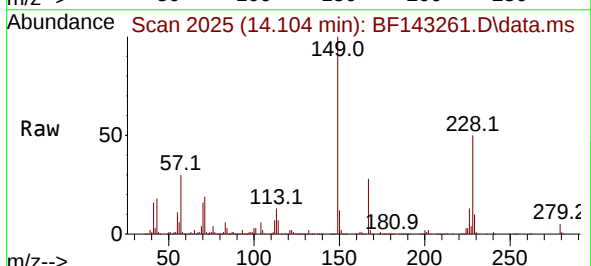
Tgt Ion:149 Resp: 381033

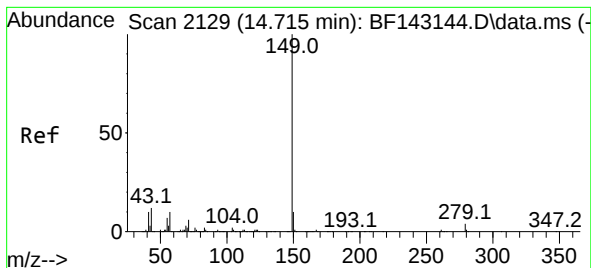
Ion Ratio Lower Upper

149 100

167 28.4 22.3 33.5

279 4.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.308 ng

RT: 14.716 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

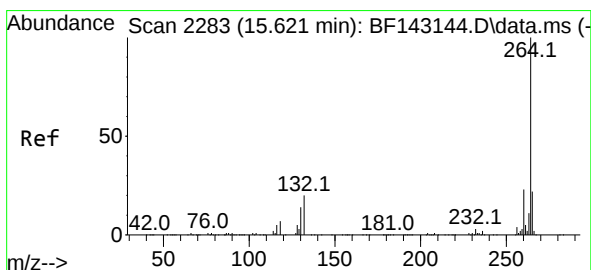
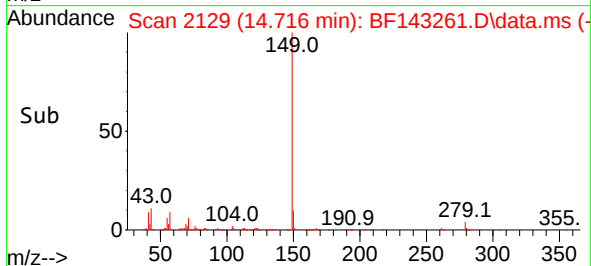
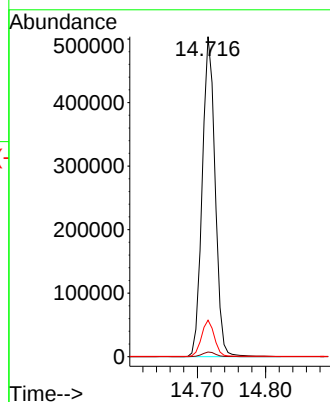
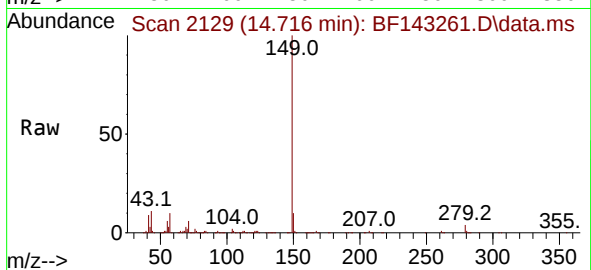
Tgt Ion:149 Resp: 660879

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.2 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2285

Delta R.T. 0.012 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

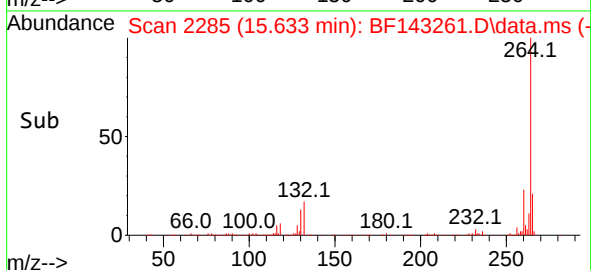
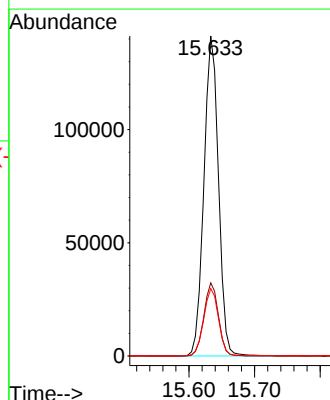
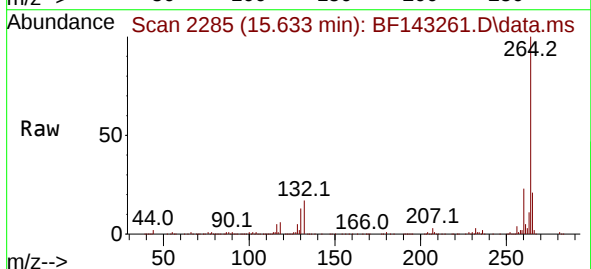
Tgt Ion:264 Resp: 218867

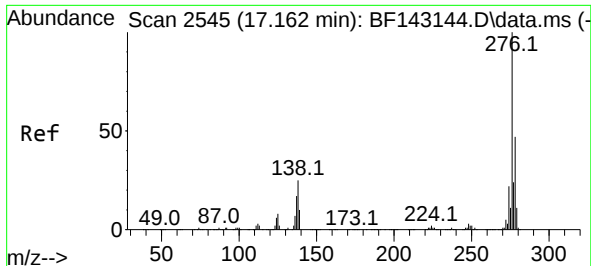
Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.1 17.4 26.2

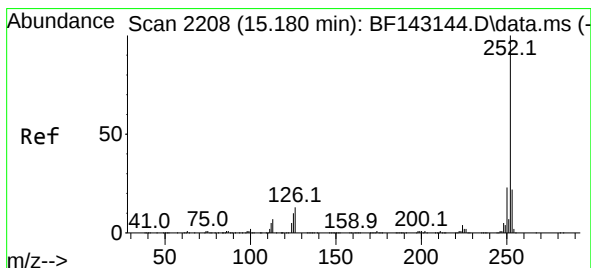
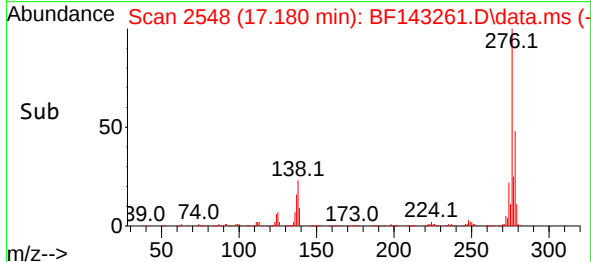
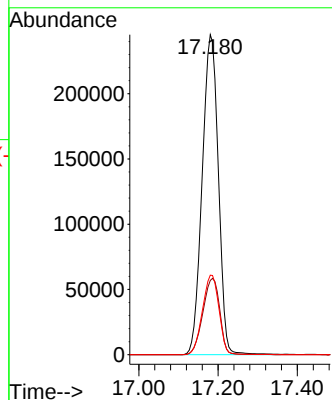
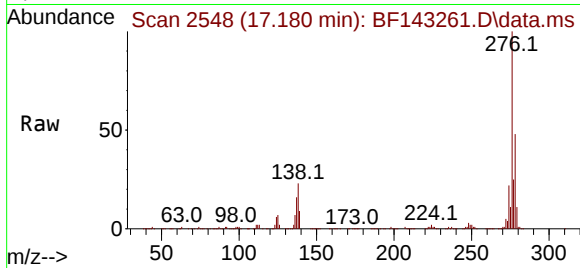




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.032 ng
RT: 17.180 min Scan# 2110
Delta R.T. 0.018 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

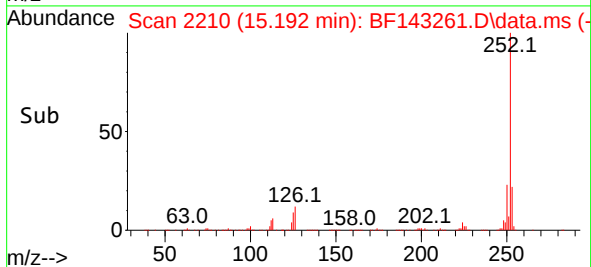
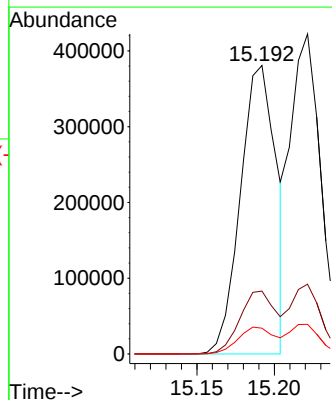
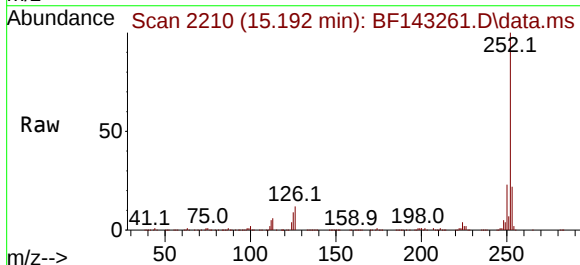
Instrument :
BNA_F
ClientSampleId :
PB169043BS

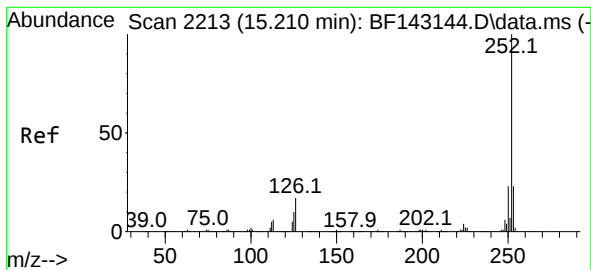
Tgt Ion:276 Resp: 694988
Ion Ratio Lower Upper
276 100
138 24.8 21.8 32.6
277 25.4 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 45.681 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:252 Resp: 610796
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 47.754 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PB169043BS

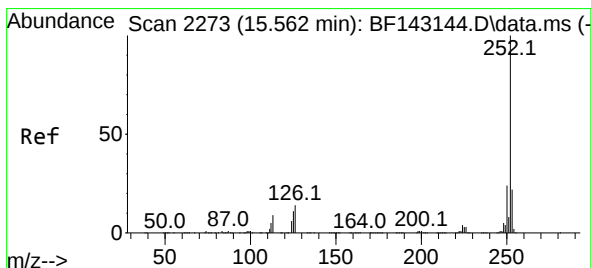
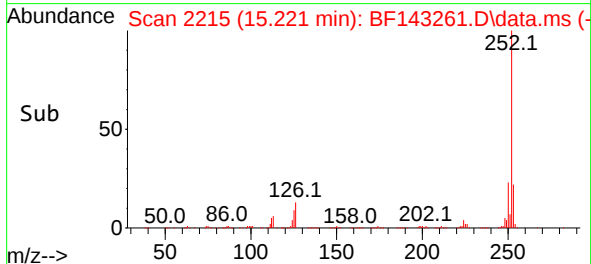
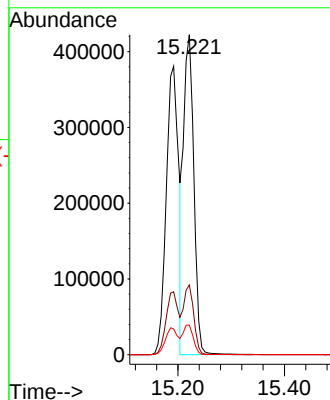
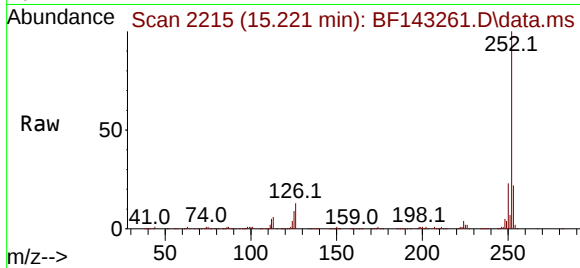
Tgt Ion:252 Resp: 569773

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 9.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 46.448 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.012 min

Lab File: BF143261.D

Acq: 29 Jul 2025 17:34

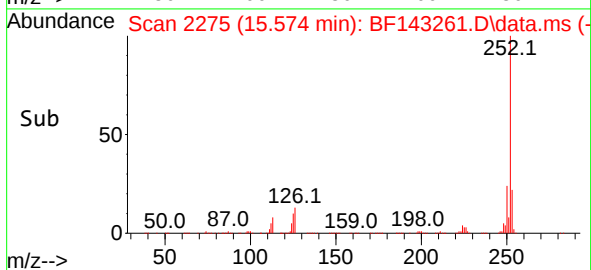
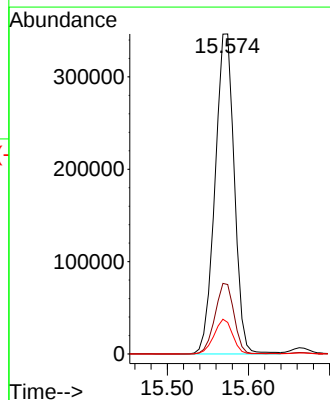
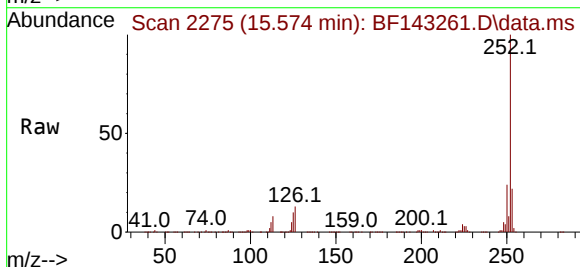
Tgt Ion:252 Resp: 572198

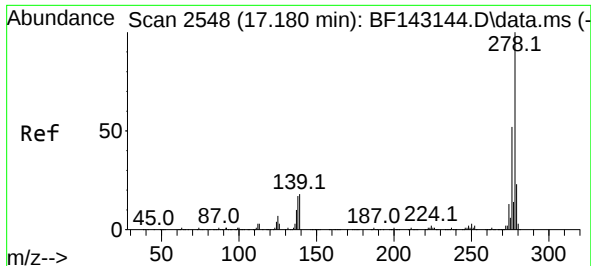
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.9 8.6 13.0

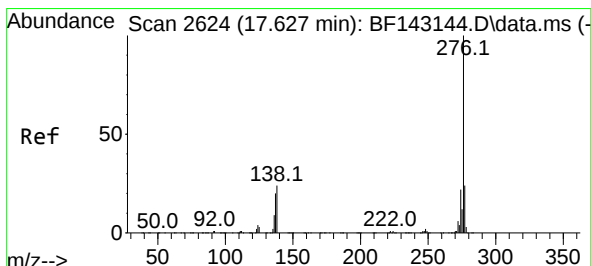
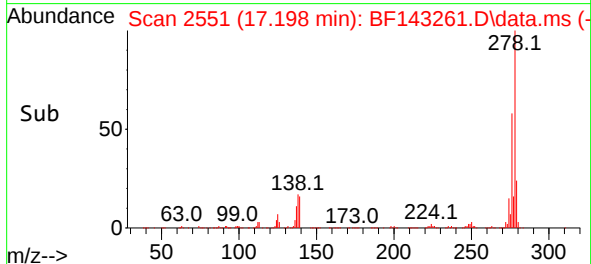
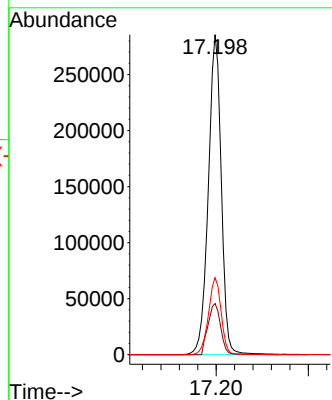
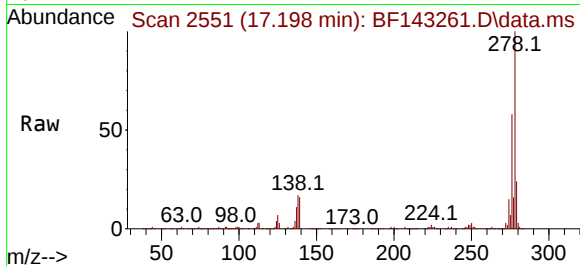




#91
Dibenzo(a,h)anthracene
Concen: 44.561 ng
RT: 17.198 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Instrument :
BNA_F
ClientSampleId :
PB169043BS

Tgt Ion:278 Resp: 559753
Ion Ratio Lower Upper
278 100
139 16.0 14.1 21.1
279 24.1 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 45.989 ng
RT: 17.651 min Scan# 2628
Delta R.T. 0.024 min
Lab File: BF143261.D
Acq: 29 Jul 2025 17:34

Tgt Ion:276 Resp: 558818
Ion Ratio Lower Upper
276 100
277 22.9 19.1 28.7
138 21.2 18.9 28.3

