

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143518.D
 Acq On : 21 Aug 2025 09:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 21 11:45:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	118001	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	448774	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	244595	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	369706	20.000	ng	0.00
76) Chrysene-d12	14.098	240	222503	20.000	ng	0.00
86) Perylene-d12	15.592	264	262934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	534460	79.089	ng	0.00
7) Phenol-d6	6.563	99	667138	79.973	ng	-0.01
23) Nitrobenzene-d5	7.487	82	624678	81.228	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	181773	79.836	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1151723	77.819	ng	0.00
79) Terphenyl-d14	13.033	244	973817	76.374	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	127663	40.780	ng	99
3) Pyridine	3.510	79	338120	40.552	ng	99
4) n-Nitrosodimethylamine	3.457	42	150541	40.163	ng	98
6) Aniline	6.587	93	449531	40.315	ng	91
8) 2-Chlorophenol	6.716	128	300113	40.208	ng	100
9) Benzaldehyde	6.475	77	296436	43.891	ng	96
10) Phenol	6.575	94	387980	40.372	ng	92
11) bis(2-Chloroethyl)ether	6.657	93	289515	40.314	ng	99
12) 1,3-Dichlorobenzene	6.869	146	333800	39.802	ng	99
13) 1,4-Dichlorobenzene	6.945	146	336877	40.045	ng	99
14) 1,2-Dichlorobenzene	7.098	146	319564	40.122	ng	100
15) Benzyl Alcohol	7.069	79	254573	40.760	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.193	45	457661	39.834	ng	90
17) 2-Methylphenol	7.181	107	242686	40.511	ng	97
18) Hexachloroethane	7.440	117	115654	40.435	ng	97
19) n-Nitroso-di-n-propyla...	7.334	70	203044	39.822	ng	99
20) 3+4-Methylphenols	7.334	107	289653	40.503	ng	98
22) Acetophenone	7.334	105	383042	39.507	ng	99
24) Nitrobenzene	7.504	77	324679	41.020	ng	99
25) Isophorone	7.745	82	565357	40.104	ng	100
26) 2-Nitrophenol	7.822	139	161941	41.767	ng	97
27) 2,4-Dimethylphenol	7.863	122	242413	40.108	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	344305	39.742	ng	100
29) 2,4-Dichlorophenol	8.069	162	260040	40.285	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	265906	40.066	ng	98
31) Naphthalene	8.234	128	852935	39.587	ng	100
32) Benzoic acid	7.975	122	117106	35.717	ng	98
33) 4-Chloroaniline	8.275	127	304385	39.804	ng	99
34) Hexachlorobutadiene	8.351	225	174035	40.194	ng	100
35) Caprolactam	8.645	113	69912	45.135	ng	98
36) 4-Chloro-3-methylphenol	8.763	107	259690	40.144	ng	99
37) 2-Methylnaphthalene	8.922	142	562491	39.089	ng	100
38) 1-Methylnaphthalene	9.022	142	542827	39.436	ng	100
40) 1,2,4,5-Tetrachloroben...	9.086	216	277705	39.693	ng	100
41) Hexachlorocyclopentadiene	9.081	237	82522	34.356	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	173645	40.335	ng	100

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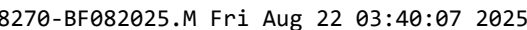
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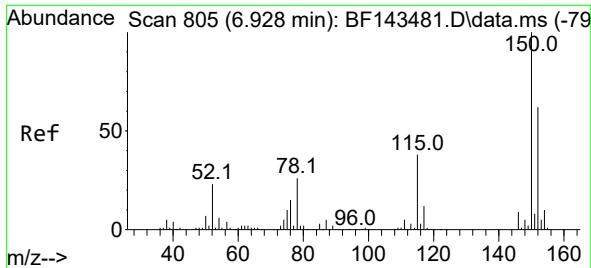
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	186067	39.568	ng	99
46) 1,1'-Biphenyl	9.386	154	680592	39.203	ng	99
47) 2-Chloronaphthalene	9.410	162	536315	39.372	ng	99
48) 2-Nitroaniline	9.504	65	163759	41.078	ng	97
49) Acenaphthylene	9.828	152	771789	39.570	ng	99
50) Dimethylphthalate	9.675	163	611411	41.504	ng	100
51) 2,6-Dinitrotoluene	9.745	165	129744	42.495	ng	98
52) Acenaphthene	9.998	154	521988	39.417	ng	100
53) 3-Nitroaniline	9.916	138	135772	41.155	ng	99
54) 2,4-Dinitrophenol	10.022	184	53382	35.824	ng	93
55) Dibenzofuran	10.169	168	745949	39.509	ng	99
56) 4-Nitrophenol	10.081	139	75600	38.513	ng	95
57) 2,4-Dinitrotoluene	10.145	165	174534	42.812	ng	97
58) Fluorene	10.516	166	569387	39.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	141362	40.463	ng	99
60) Diethylphthalate	10.381	149	557513	42.212	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	288368	39.680	ng	98
62) 4-Nitroaniline	10.528	138	126293	41.677	ng	99
63) Azobenzene	10.663	77	549552	40.129	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	79062	37.928	ng	98
66) n-Nitrosodiphenylamine	10.622	169	477218	40.110	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	178840	40.542	ng	97
68) Hexachlorobenzene	11.069	284	190099	39.979	ng	99
69) Atrazine	11.145	200	143876	46.846	ng	99
70) Pentachlorophenol	11.263	266	78686	36.133	ng	99
71) Phenanthrene	11.475	178	777957	39.294	ng	100
72) Anthracene	11.528	178	787324	39.255	ng	100
73) Carbazole	11.680	167	647183	39.380	ng	99
74) Di-n-butylphthalate	12.004	149	707138	46.124	ng	99
75) Fluoranthene	12.669	202	681682	38.372	ng	99
77) Benzidine	12.780	184	216953	40.029	ng	99
78) Pyrene	12.898	202	673559	36.801	ng	99
80) Butylbenzylphthalate	13.504	149	215877	43.176	ng	100
81) Benzo(a)anthracene	14.086	228	551541	38.502	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	167699	40.879	ng	98
83) Chrysene	14.121	228	510484	39.654	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	308015	40.447	ng	99
85) Di-n-octyl phthalate	14.680	149	551091	39.064	ng	100
87) Indeno(1,2,3-cd)pyrene	17.127	276	722883	38.259	ng	100
88) Benzo(b)fluoranthene	15.151	252	618031	42.286	ng	99
89) Benzo(k)fluoranthene	15.180	252	515140	36.812	ng	99
90) Benzo(a)pyrene	15.533	252	538725	39.710	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	587454	38.822	ng	99
92) Benzo(g,h,i)perylene	17.586	276	554893	36.878	ng	99

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

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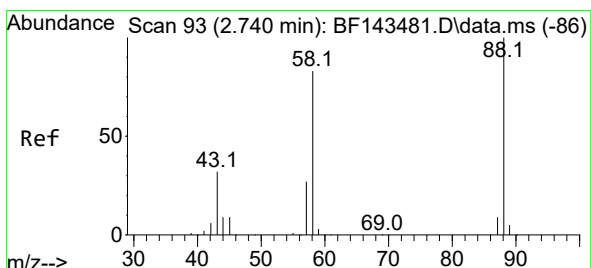
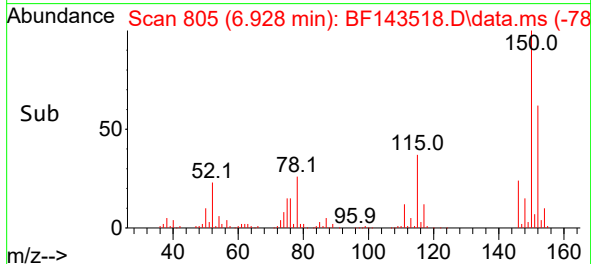
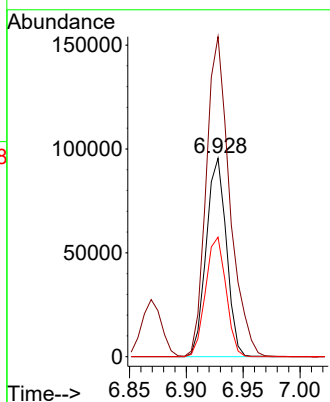
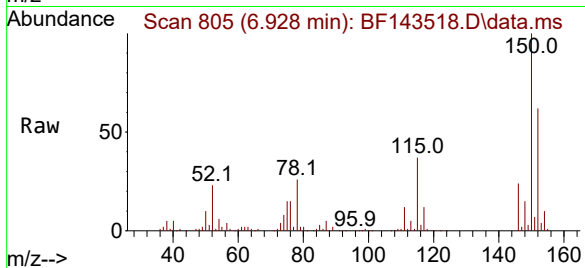




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

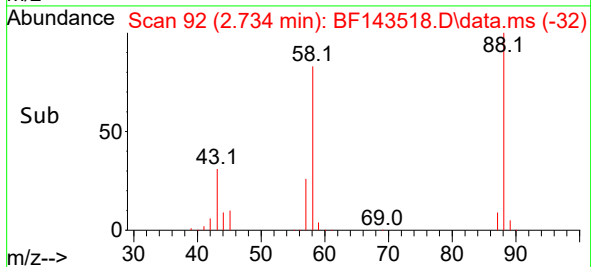
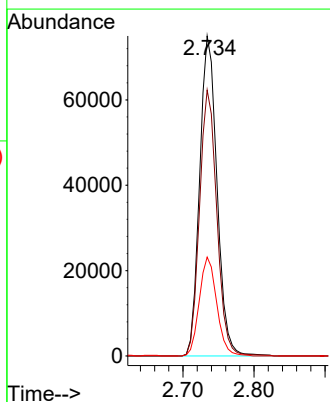
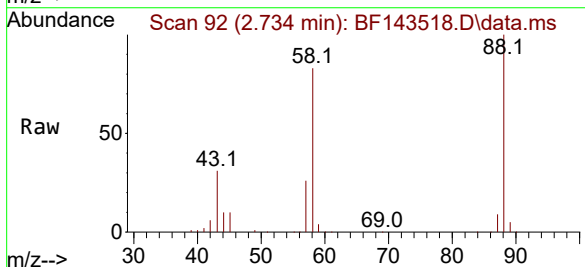
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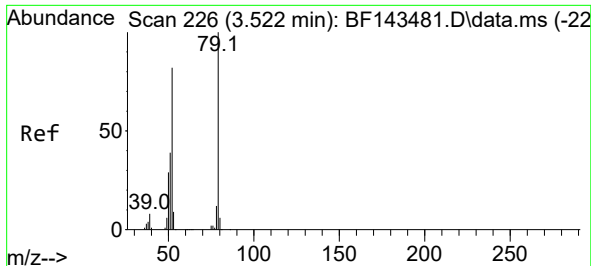
Tgt Ion:152 Resp: 118001
Ion Ratio Lower Upper
152 100
150 161.3 128.9 193.3
115 60.3 49.2 73.8



#2
1,4-Dioxane
Concen: 40.780 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion: 88 Resp: 127663
Ion Ratio Lower Upper
88 100
58 82.7 66.7 100.1
43 31.1 25.8 38.8

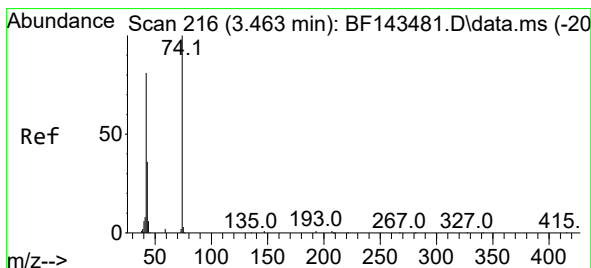
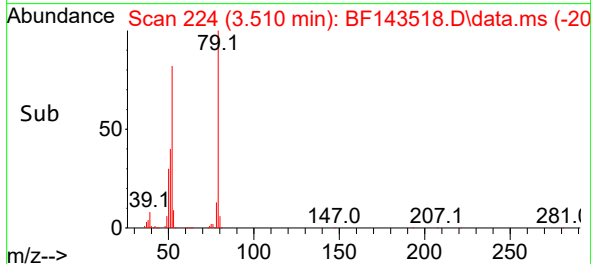
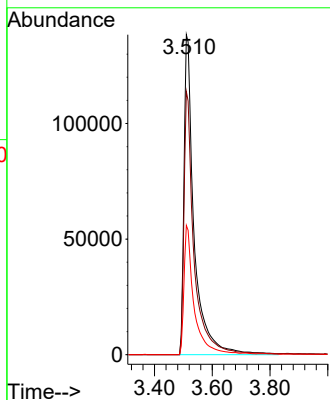
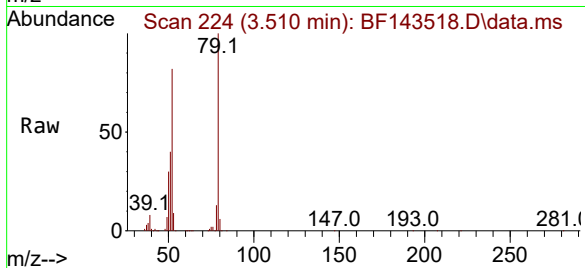




#3
 Pyridine
 Concen: 40.552 ng
 RT: 3.510 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: BF143518.D
 Acq: 21 Aug 2025 09:21

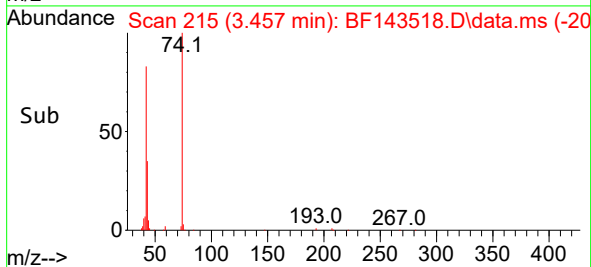
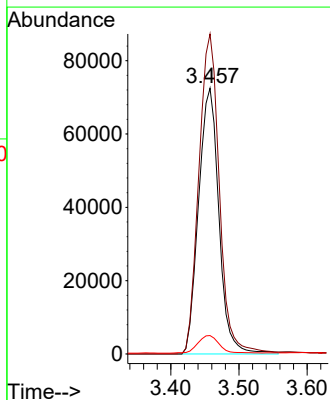
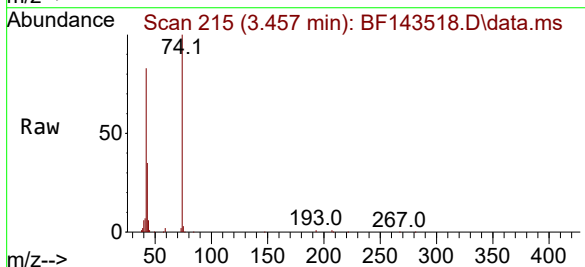
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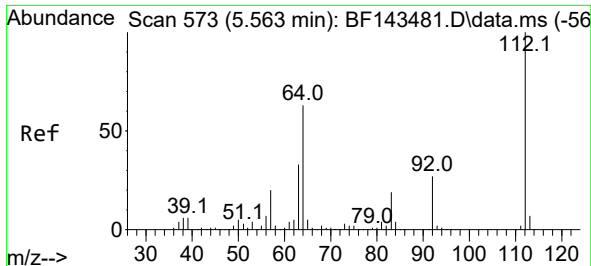
Tgt Ion: 79 Resp: 338120
 Ion Ratio Lower Upper
 79 100
 52 82.2 65.6 98.4
 51 40.4 31.2 46.8



#4
 n-Nitrosodimethylamine
 Concen: 40.163 ng
 RT: 3.457 min Scan# 215
 Delta R.T. -0.018 min
 Lab File: BF143518.D
 Acq: 21 Aug 2025 09:21

Tgt Ion: 42 Resp: 150541
 Ion Ratio Lower Upper
 42 100
 74 120.4 98.6 148.0
 44 6.9 5.8 8.8

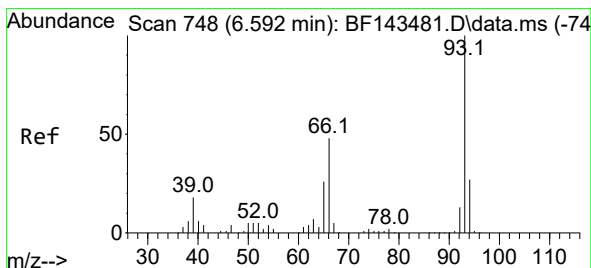
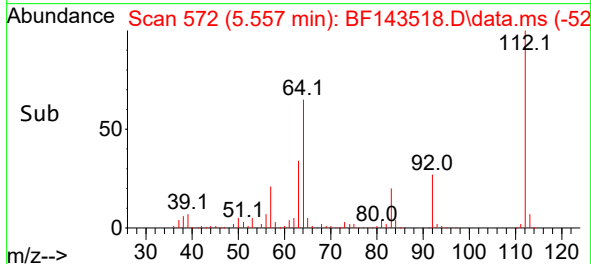
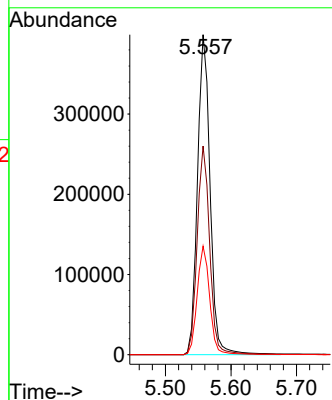
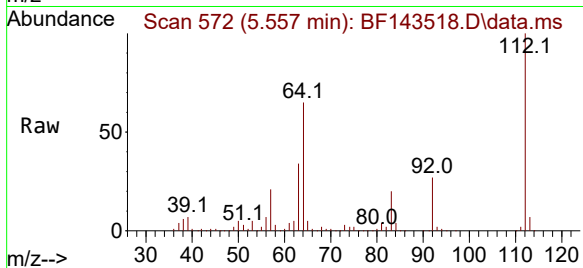




#5
2-Fluorophenol
Concen: 79.089 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

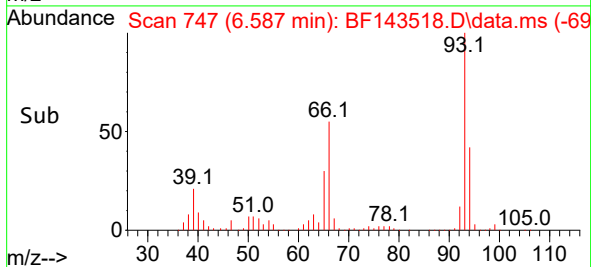
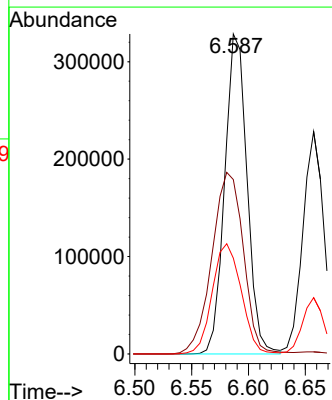
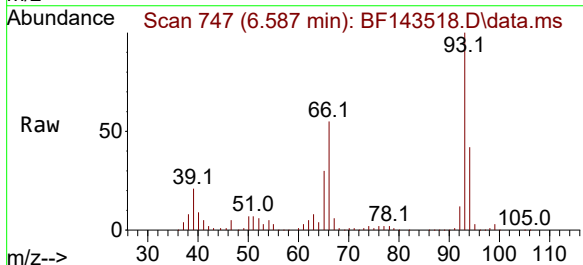
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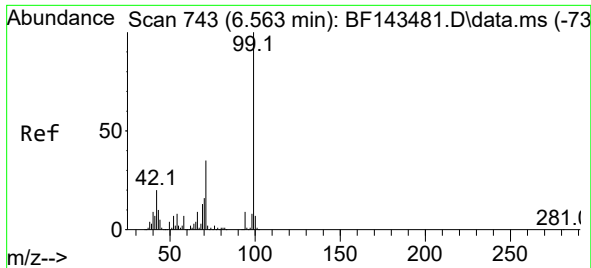
Tgt Ion:112 Resp: 534460
Ion Ratio Lower Upper
112 100
64 65.2 50.4 75.6
63 33.9 26.4 39.6



#6
Aniline
Concen: 40.315 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion: 93 Resp: 449531
Ion Ratio Lower Upper
93 100
66 54.5 38.9 58.3
65 30.0 20.6 30.8

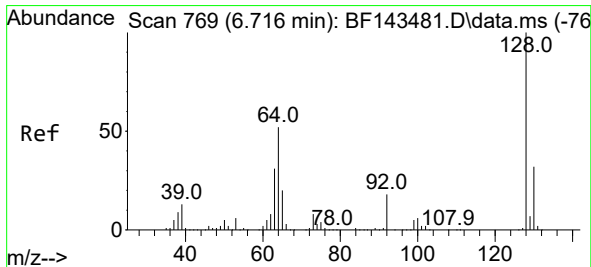
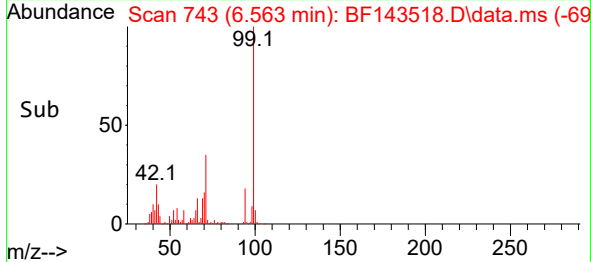
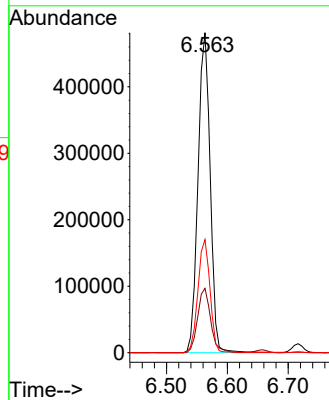
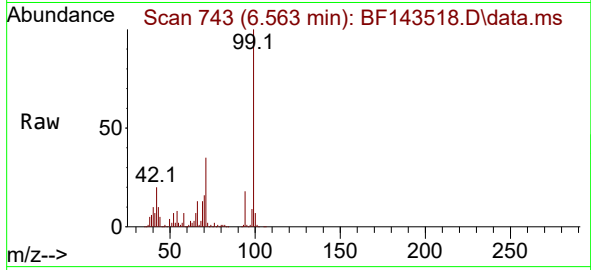




#7
Phenol-d6
Concen: 79.973 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

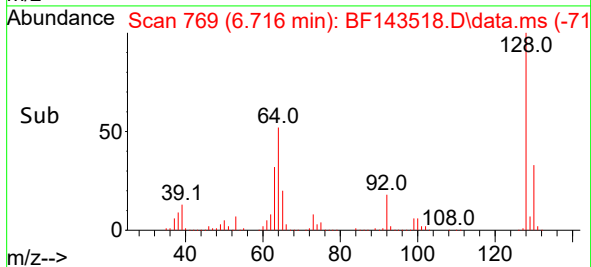
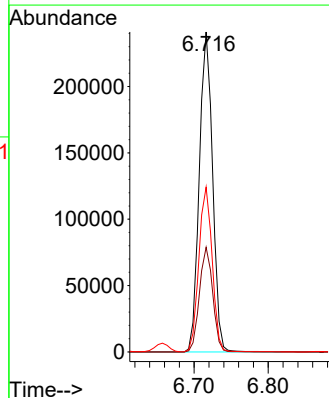
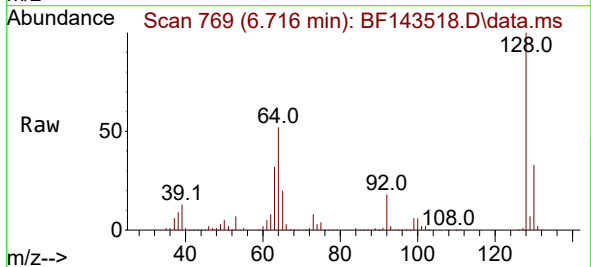
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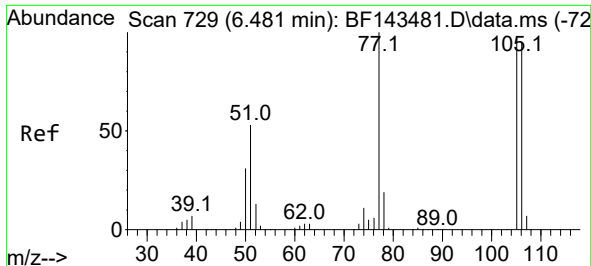
Tgt Ion: 99 Resp: 667138
Ion Ratio Lower Upper
99 100
42 20.1 16.3 24.5
71 35.3 28.2 42.2



#8
2-Chlorophenol
Concen: 40.208 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion: 128 Resp: 300113
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 51.5 31.6 71.6

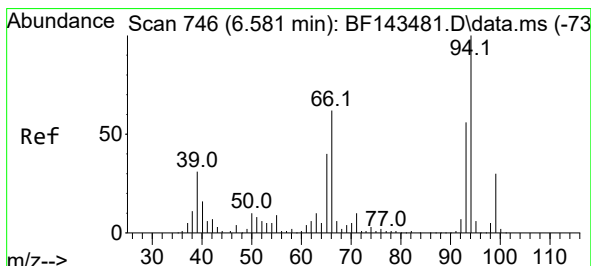
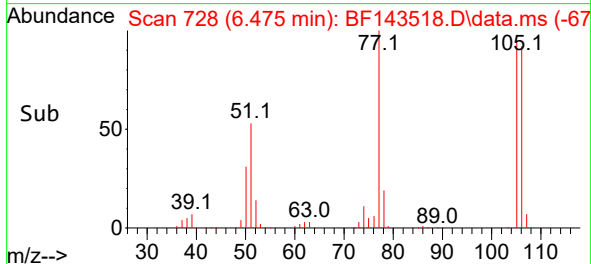
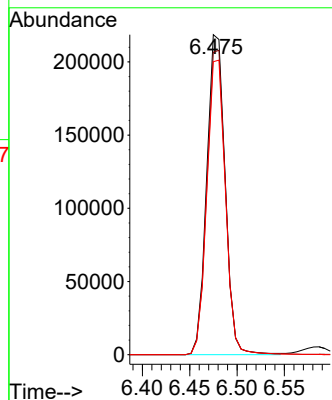
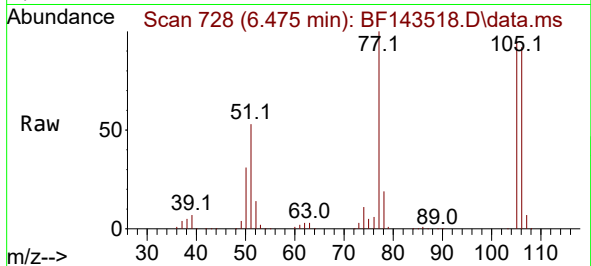




#9
Benzaldehyde
Concen: 43.891 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

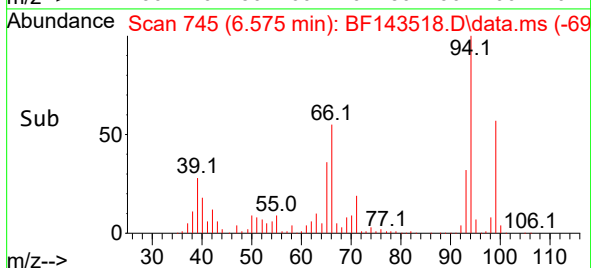
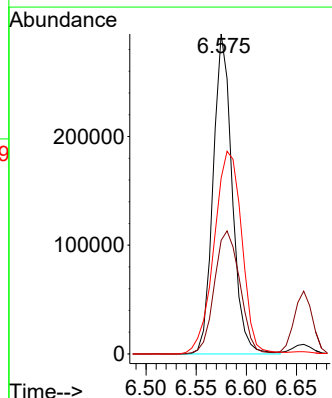
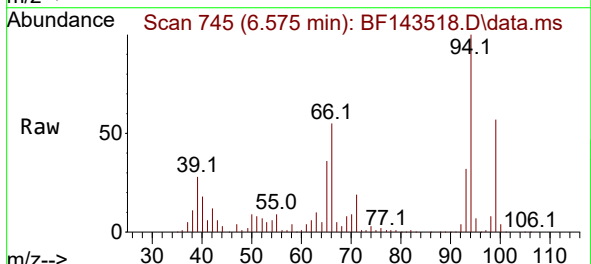
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ClientSampleId :
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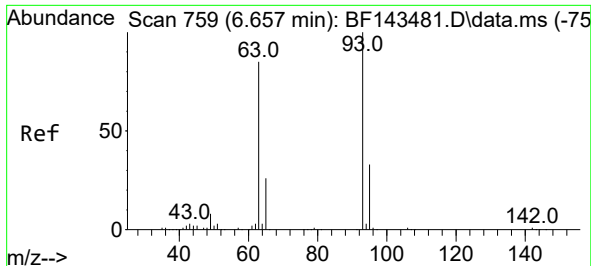
Tgt Ion: 77 Resp: 296436
Ion Ratio Lower Upper
77 100
105 94.6 78.1 118.1
106 91.6 74.9 114.9



#10
Phenol
Concen: 40.372 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion: 94 Resp: 387980
Ion Ratio Lower Upper
94 100
65 35.5 19.5 59.5
66 55.0 42.5 82.5

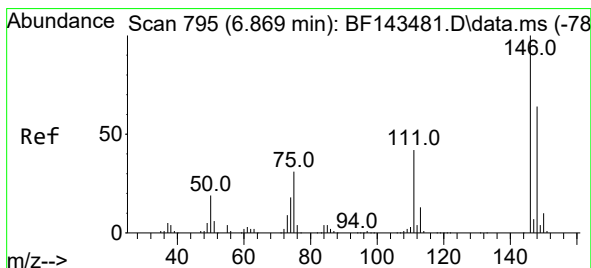
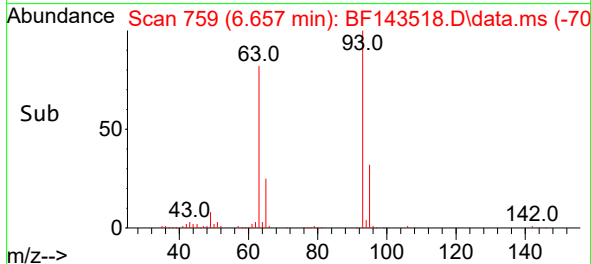
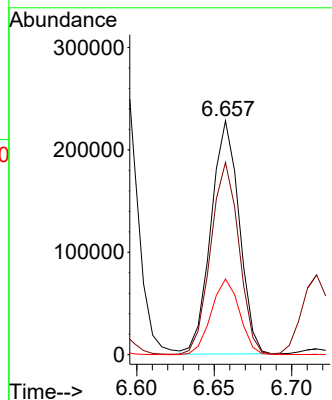
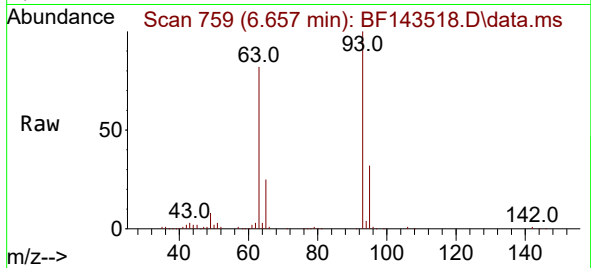




#11
bis(2-Chloroethyl)ether
Concen: 40.314 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

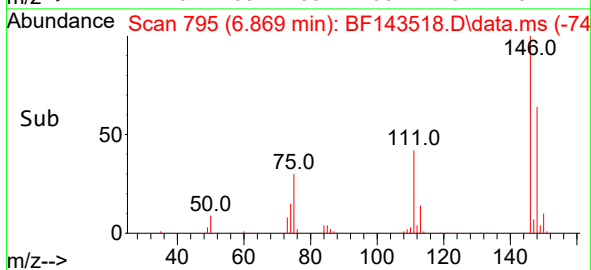
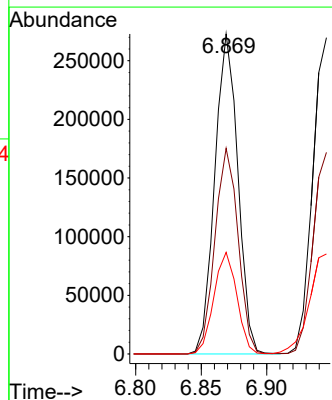
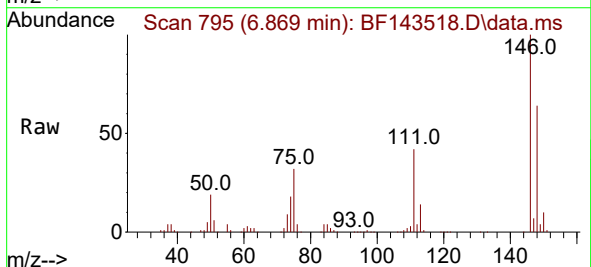
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

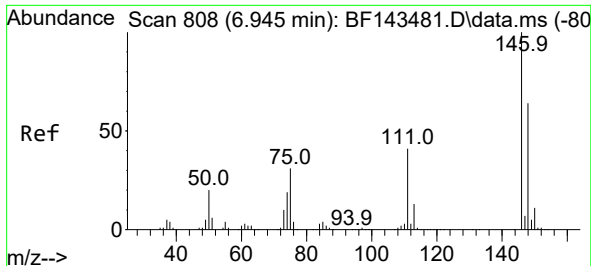
Tgt Ion: 93 Resp: 289515
Ion Ratio Lower Upper
93 100
63 82.2 63.6 103.6
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.802 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion: 146 Resp: 333800
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 31.8 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 40.045 ng

RT: 6.945 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF143518.D

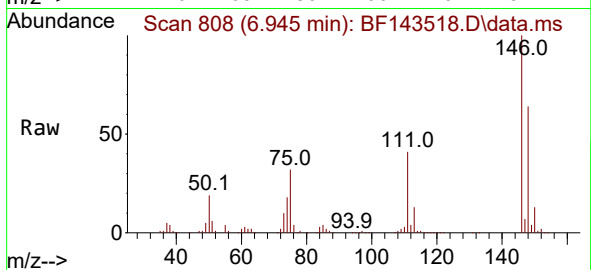
Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



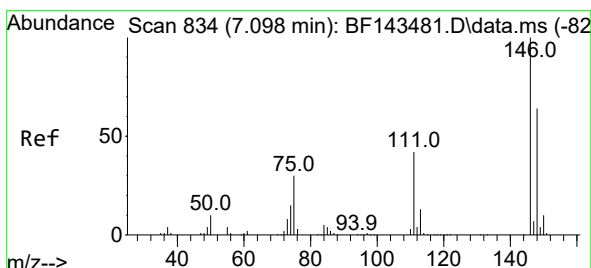
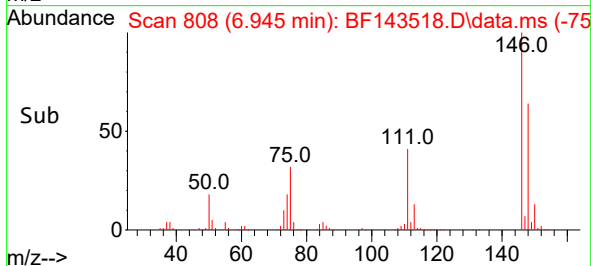
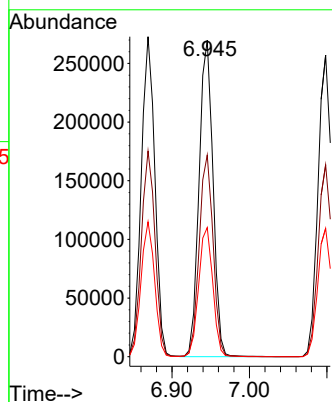
Tgt Ion:146 Resp: 336877

Ion Ratio Lower Upper

146 100

148 63.7 51.5 77.3

111 40.8 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 40.122 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

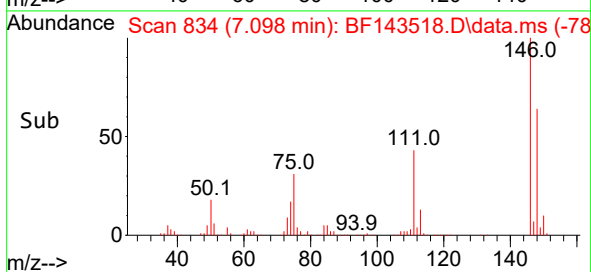
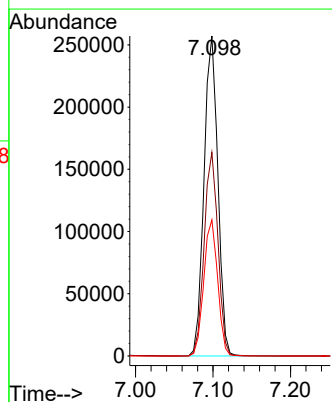
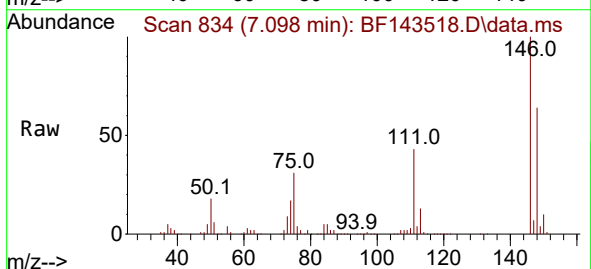
Tgt Ion:146 Resp: 319564

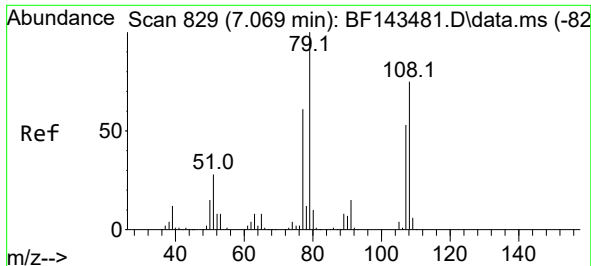
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 42.5 34.0 51.0

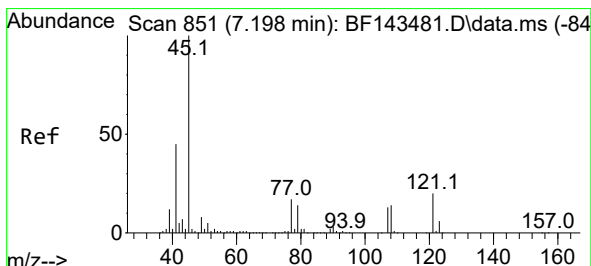
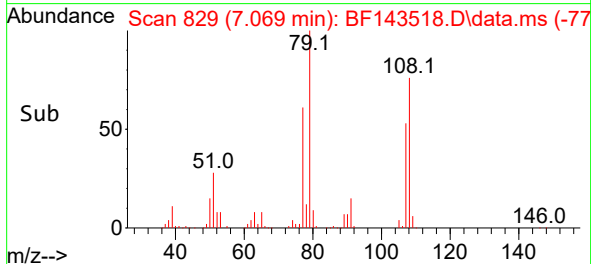
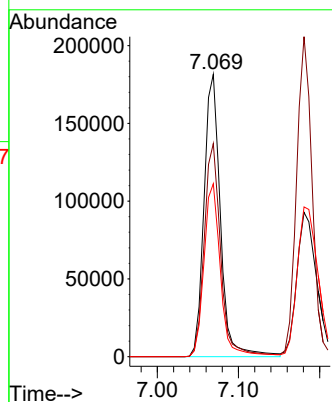
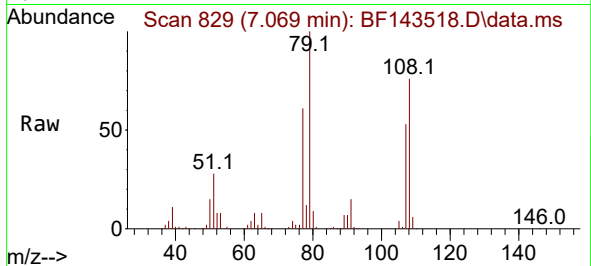




#15
Benzyl Alcohol
Concen: 40.760 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

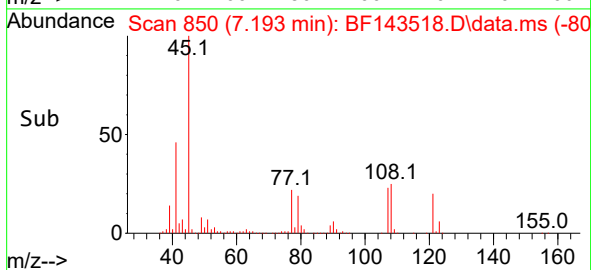
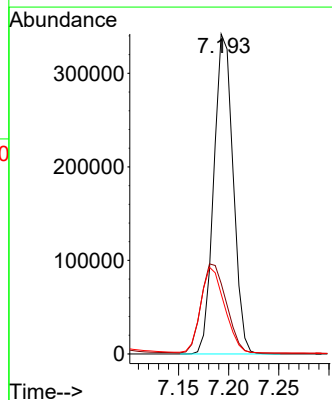
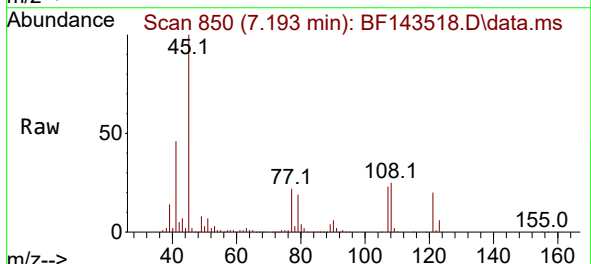
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

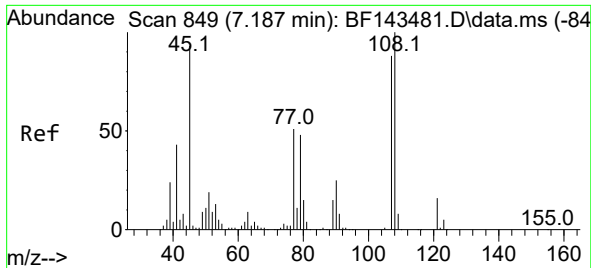
Tgt Ion: 79 Resp: 254573
Ion Ratio Lower Upper
79 100
108 75.5 59.8 89.6
77 61.3 49.0 73.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.834 ng
RT: 7.193 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion: 45 Resp: 457661
Ion Ratio Lower Upper
45 100
77 22.0 0.0 37.9
79 18.8 0.0 34.7

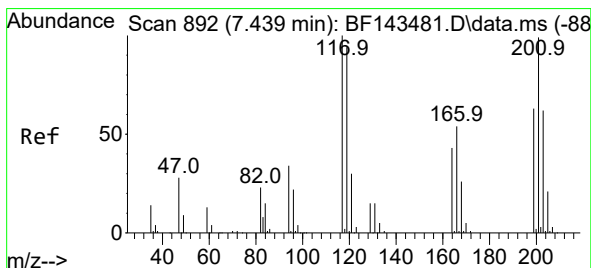
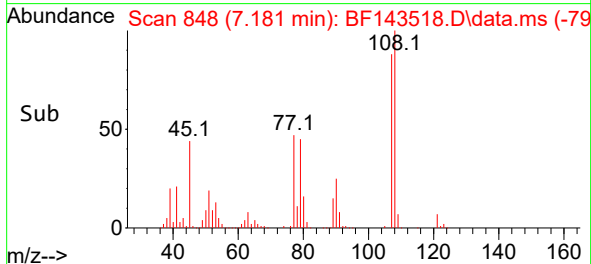
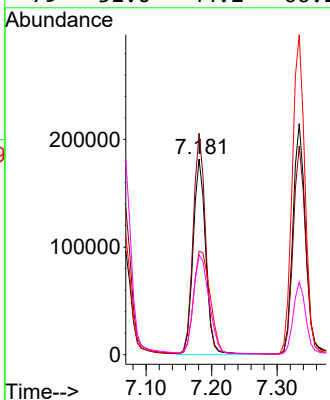
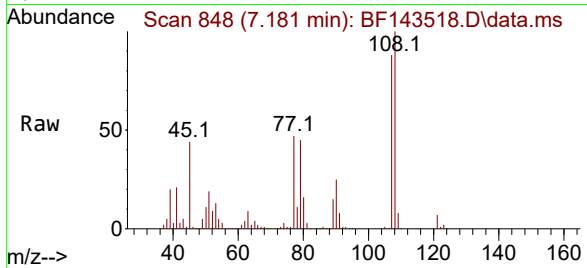




#17
2-Methylphenol
Concen: 40.511 ng
RT: 7.181 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

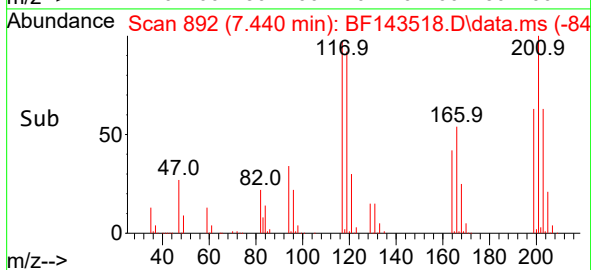
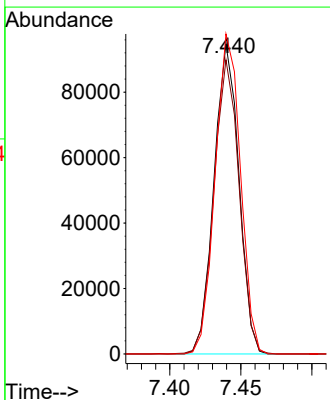
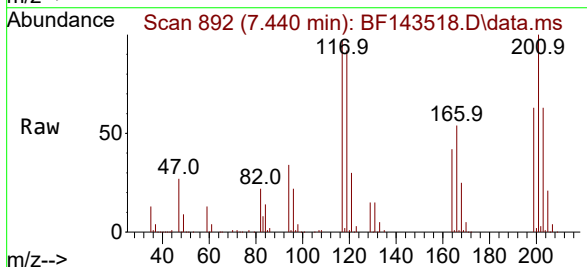
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

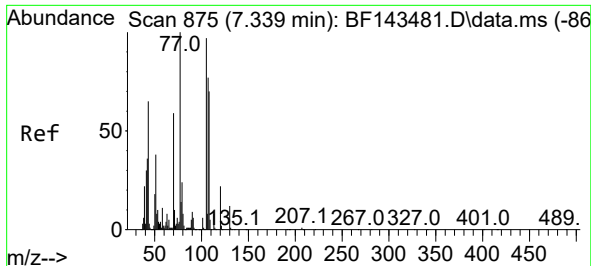
Tgt Ion:	107	Resp:	242686
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.1	136.7
77	52.9	46.2	69.4
79	51.0	44.2	66.2



#18
Hexachloroethane
Concen: 40.435 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:	117	Resp:	115654
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.4	113.0
201	103.2	79.0	118.4

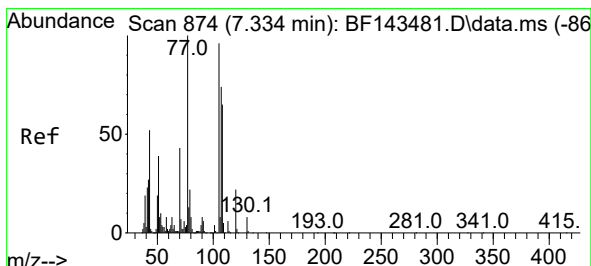
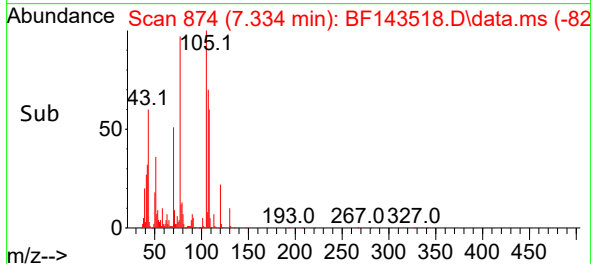
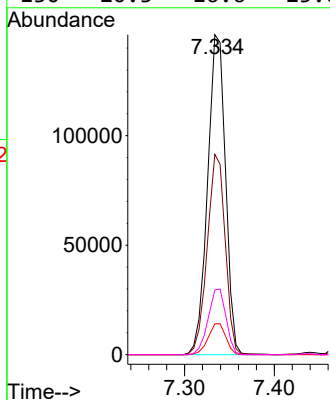
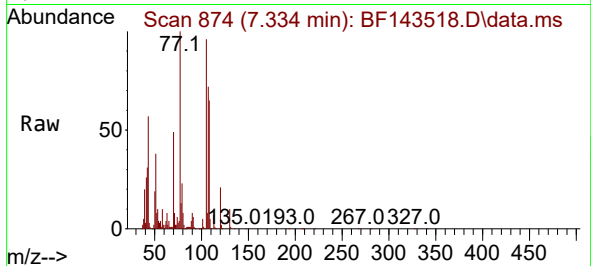




#19
n-Nitroso-di-n-propylamine
Concen: 39.822 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

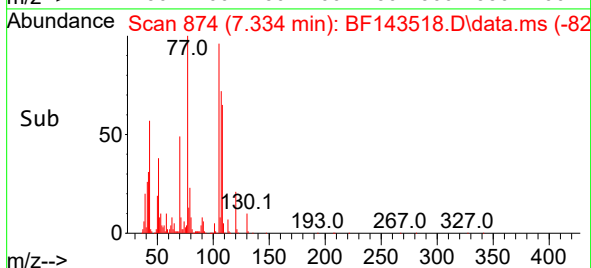
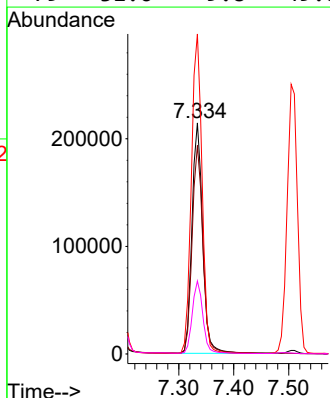
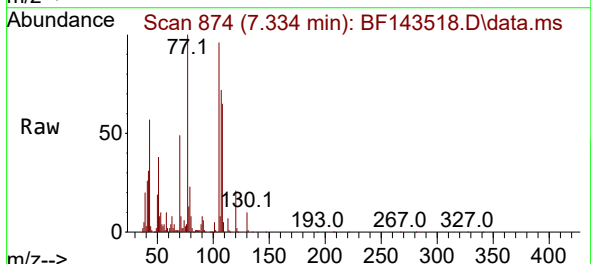
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

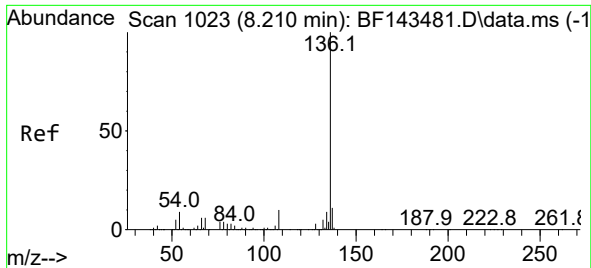
Tgt Ion: 70 Resp: 203044
Ion Ratio Lower Upper
70 100
42 62.6 49.3 73.9
101 9.7 7.8 11.8
130 20.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.503 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion: 107 Resp: 289653
Ion Ratio Lower Upper
107 100
108 90.3 68.4 108.4
77 138.5 116.1 156.1
79 31.6 9.8 49.8



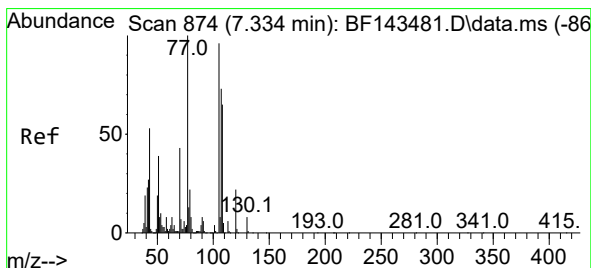
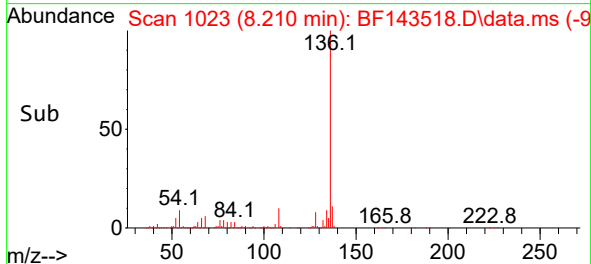
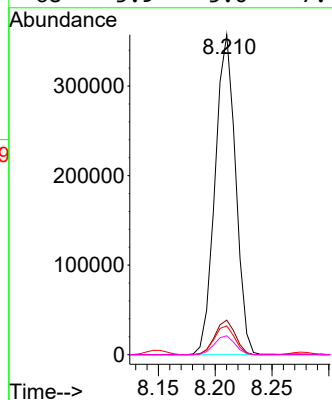
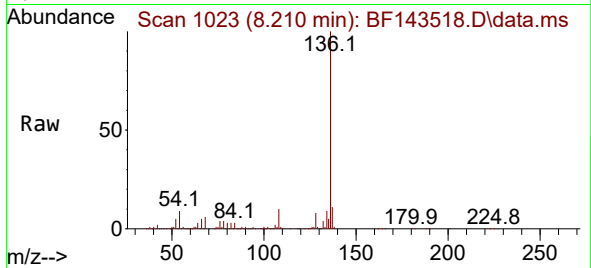


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 448774

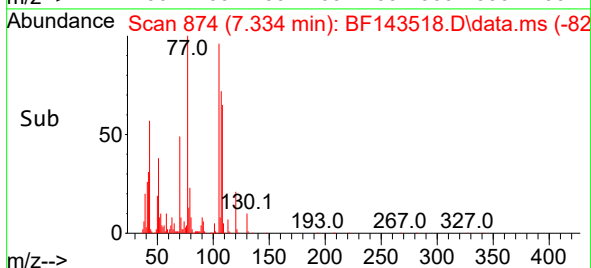
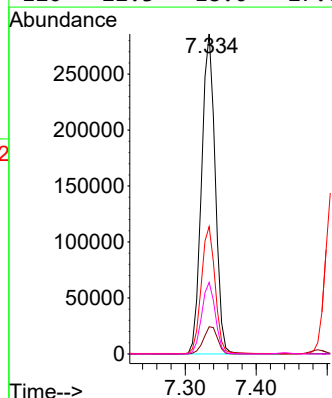
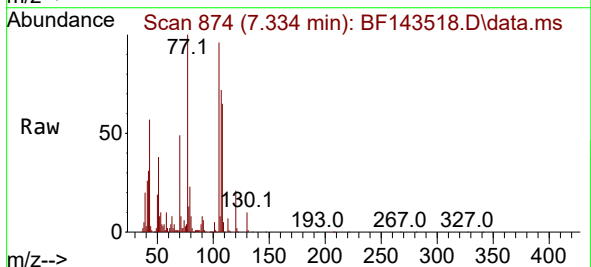
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.0	7.4	11.2
68	5.9	5.0	7.4

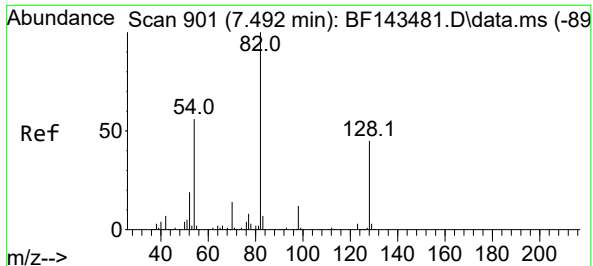


#22
Acetophenone
Concen: 39.507 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:105 Resp: 383042

Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.9	8.9
51	39.8	32.5	48.7
120	22.3	18.0	27.0





#23

Nitrobenzene-d5

Concen: 81.228 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

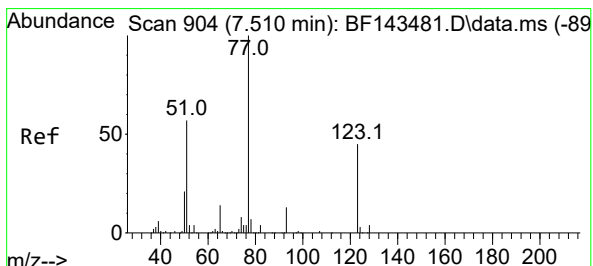
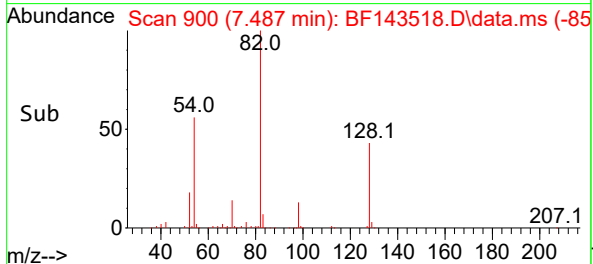
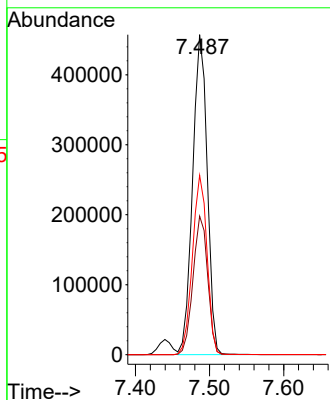
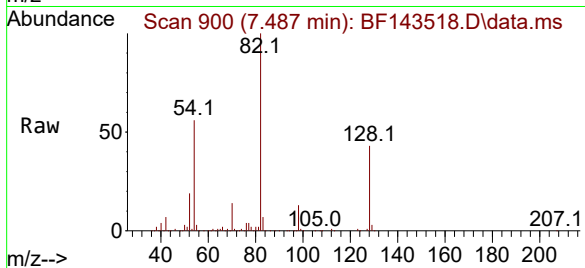
Tgt Ion: 82 Resp: 624678

Ion Ratio Lower Upper

82 100

128 43.3 35.5 53.3

54 56.1 44.3 66.5



#24

Nitrobenzene

Concen: 41.020 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

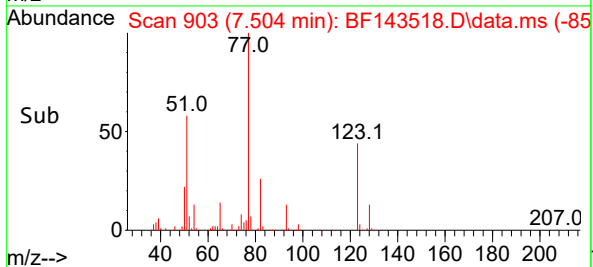
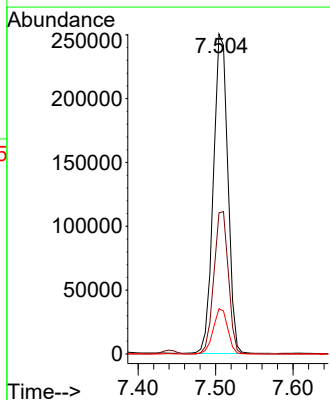
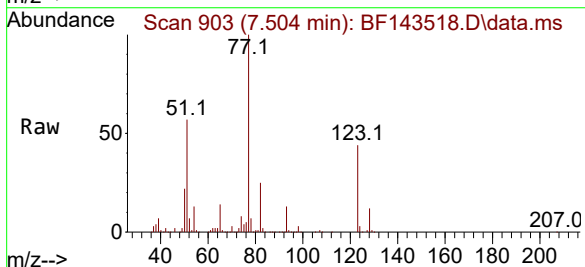
Tgt Ion: 77 Resp: 324679

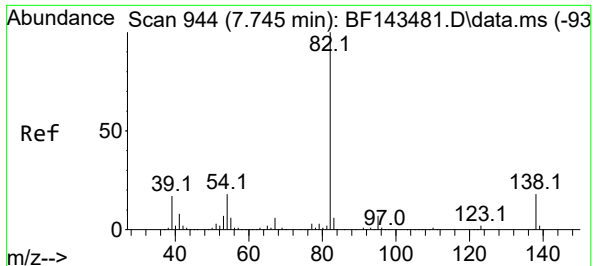
Ion Ratio Lower Upper

77 100

123 44.1 36.1 54.1

65 14.1 11.0 16.6

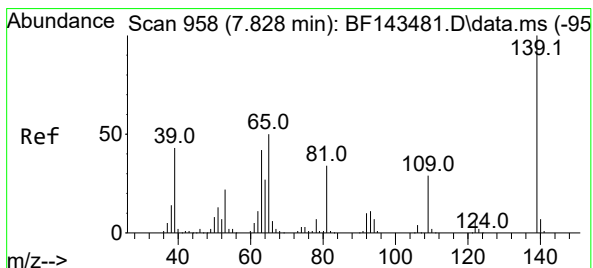
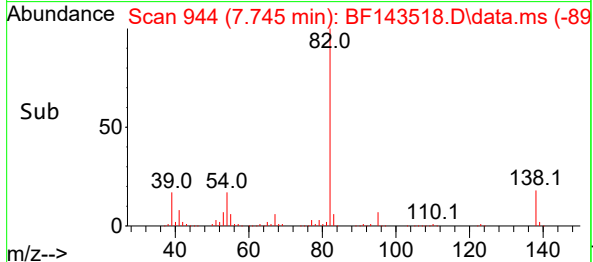
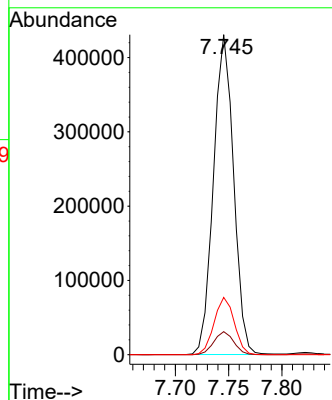
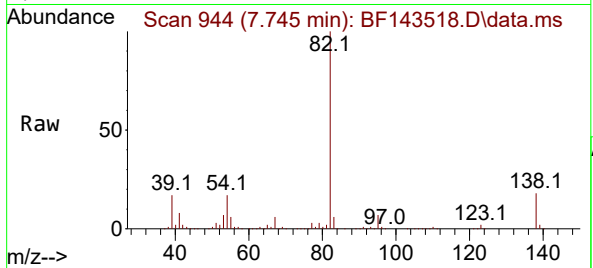




#25
Isophorone
Concen: 40.104 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

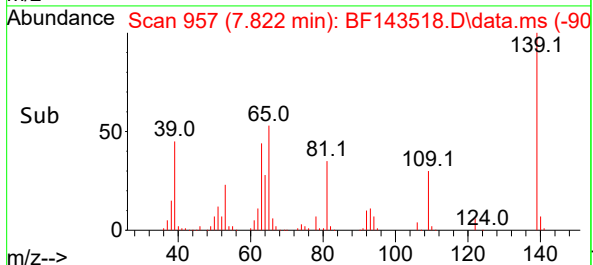
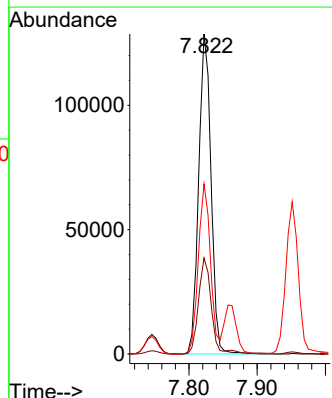
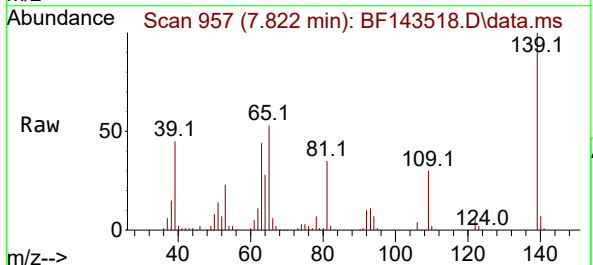
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

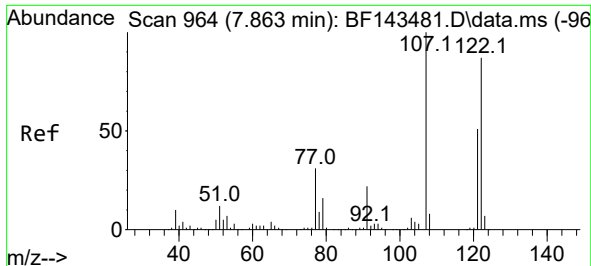
Tgt Ion: 82 Resp: 565357
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.9 14.2 21.4



#26
2-Nitrophenol
Concen: 41.767 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:139 Resp: 161941
Ion Ratio Lower Upper
139 100
109 30.0 23.0 34.6
65 53.1 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 40.108 ng

RT: 7.863 min Scan# 9

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

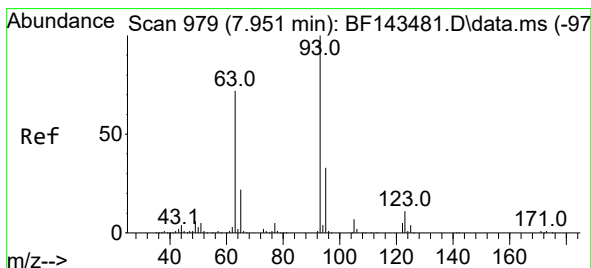
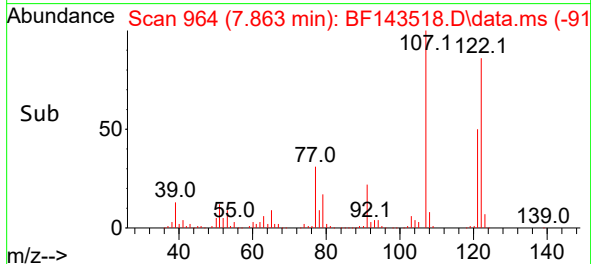
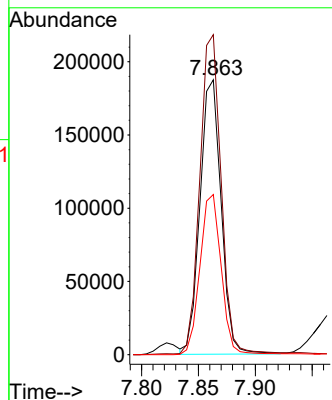
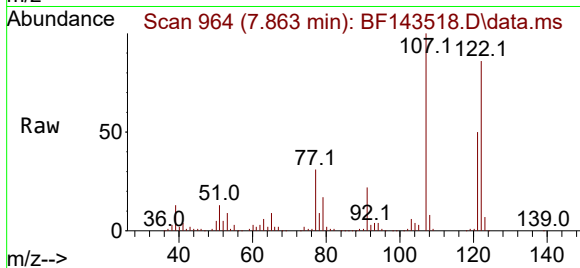
Tgt Ion:122 Resp: 242413

Ion Ratio Lower Upper

122 100

107 116.4 91.5 137.3

121 58.3 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.742 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

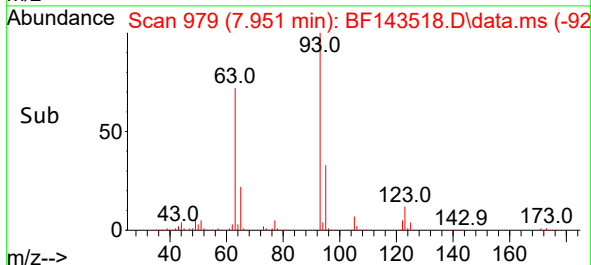
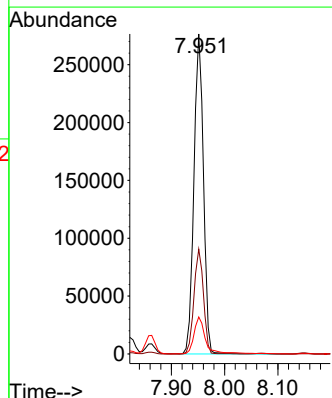
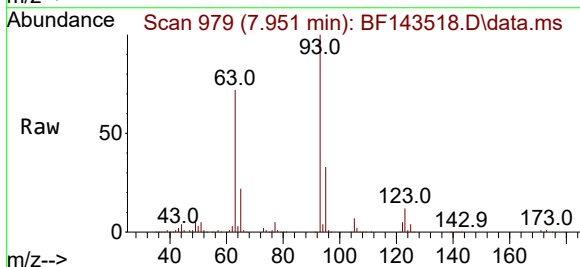
Tgt Ion: 93 Resp: 344305

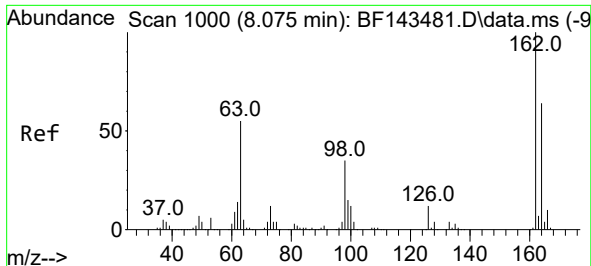
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.285 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

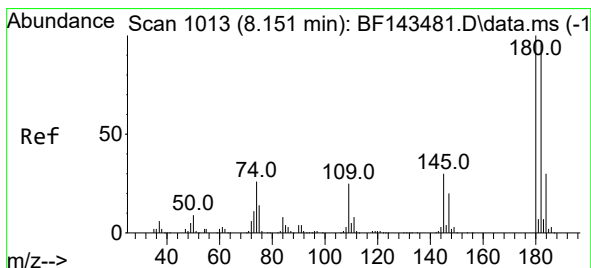
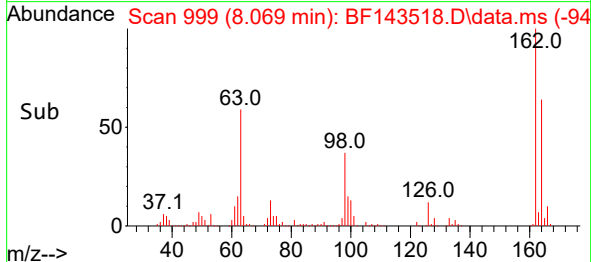
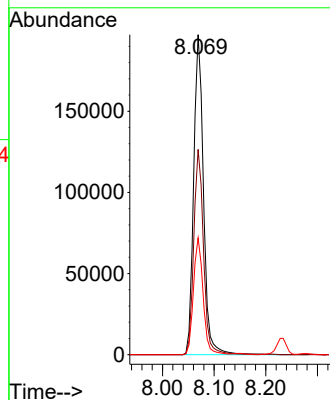
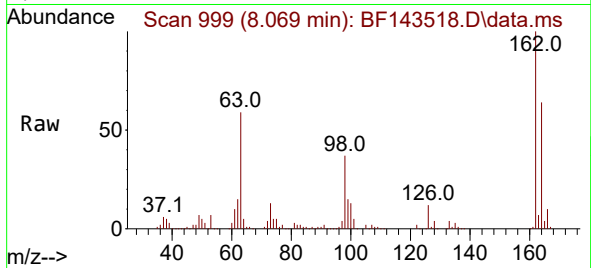
Tgt Ion:162 Resp: 260040

Ion Ratio Lower Upper

162 100

164 64.1 43.5 83.5

98 36.5 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 40.066 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

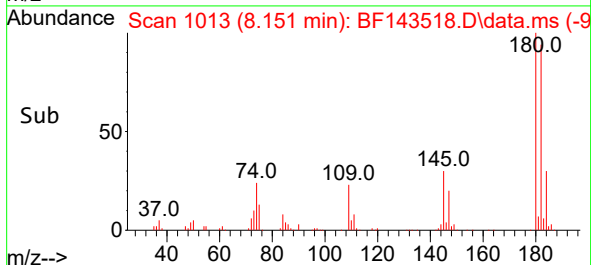
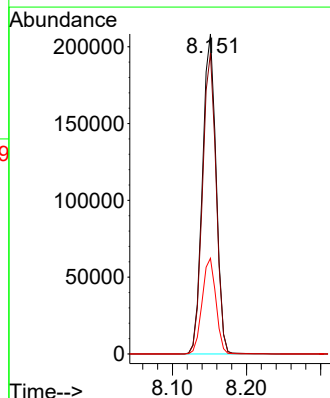
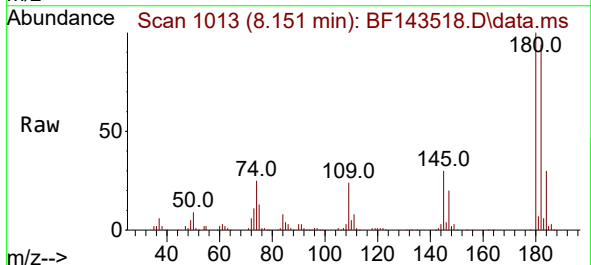
Tgt Ion:180 Resp: 265906

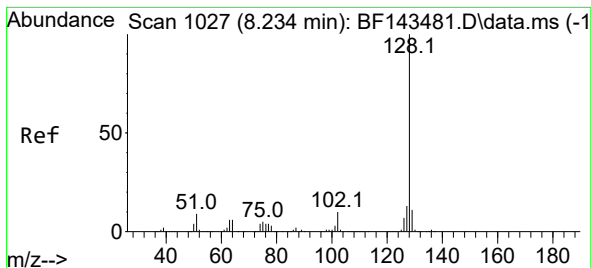
Ion Ratio Lower Upper

180 100

182 94.0 76.6 114.8

145 29.9 24.3 36.5





#31

Naphthalene

Concen: 39.587 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

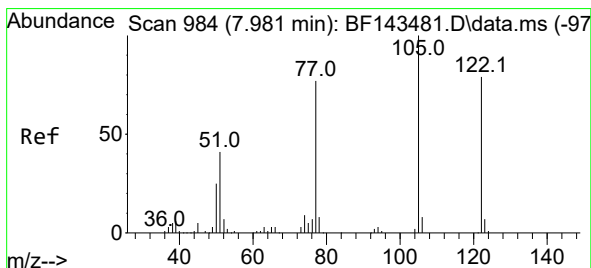
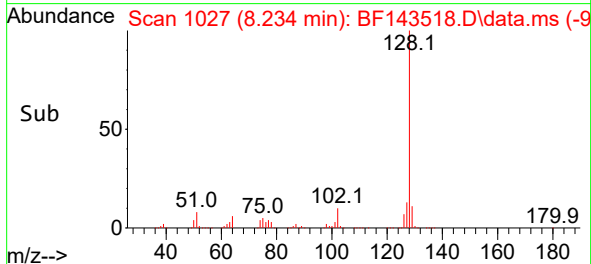
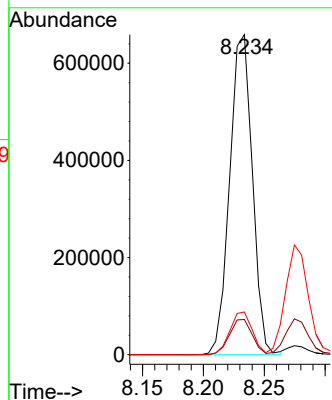
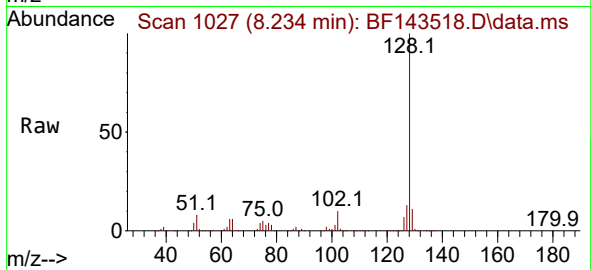
Tgt Ion:128 Resp: 852935

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 35.717 ng

RT: 7.975 min Scan# 983

Delta R.T. -0.035 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

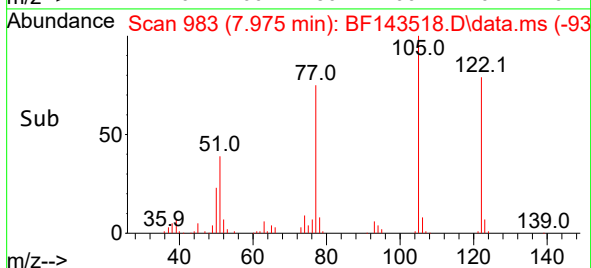
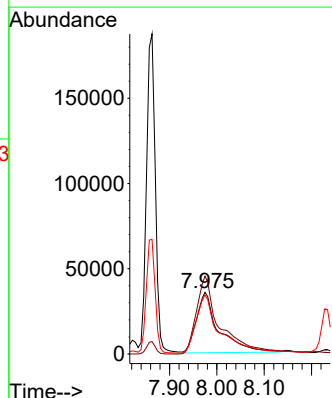
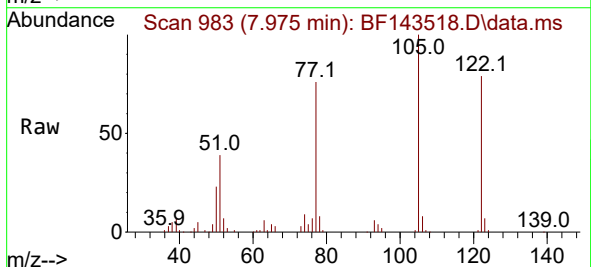
Tgt Ion:122 Resp: 117106

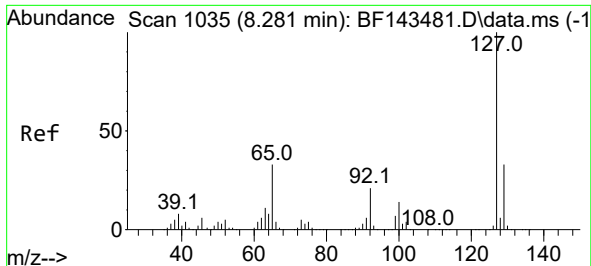
Ion Ratio Lower Upper

122 100

105 126.4 104.7 144.7

77 95.8 77.3 117.3

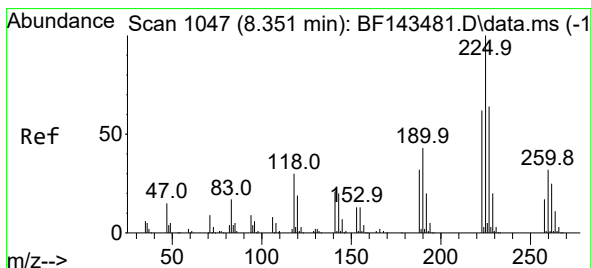
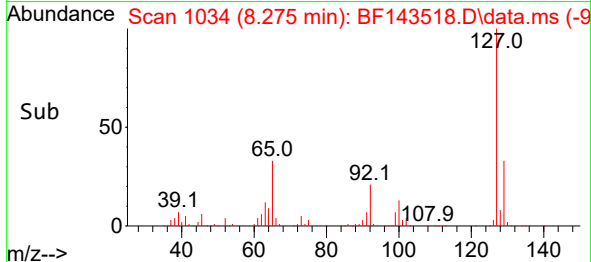
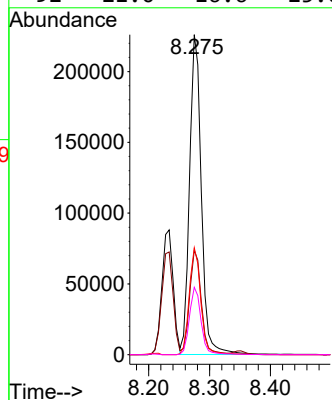
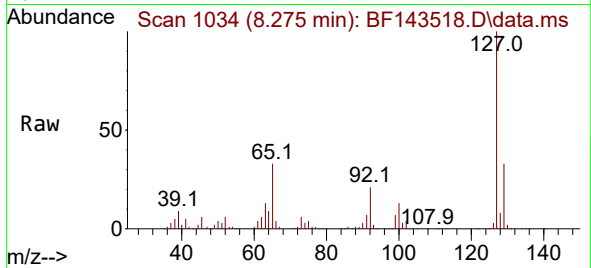




#33
4-Chloroaniline
Concen: 39.804 ng
RT: 8.275 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

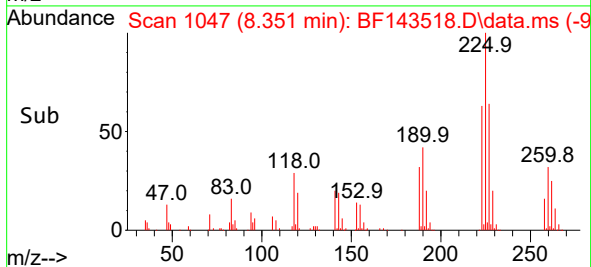
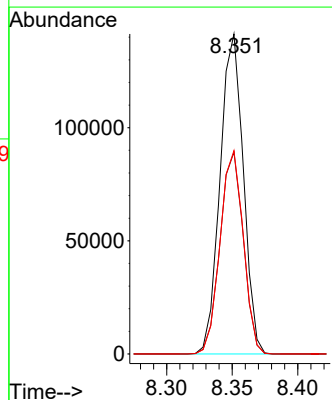
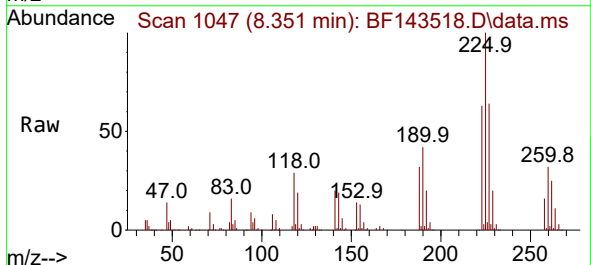
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

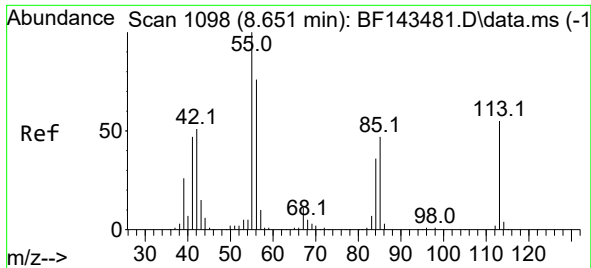
Tgt Ion:127	Resp: 304385
Ion Ratio	Lower Upper
127 100	
129 32.6	26.1 39.1
65 33.4	26.2 39.2
92 21.0	16.6 25.0



#34
Hexachlorobutadiene
Concen: 40.194 ng
RT: 8.351 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:225	Resp: 174035
Ion Ratio	Lower Upper
225 100	
223 63.0	49.9 74.9
227 63.6	50.9 76.3

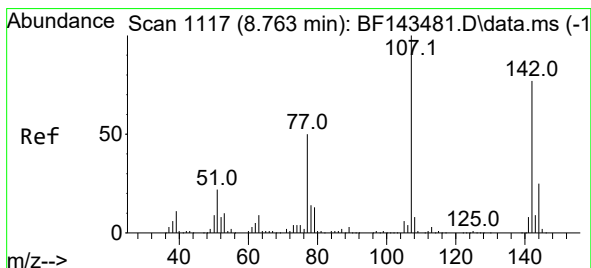
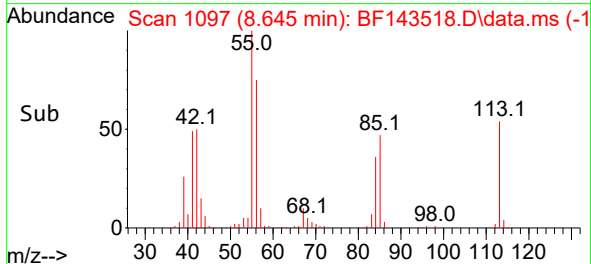
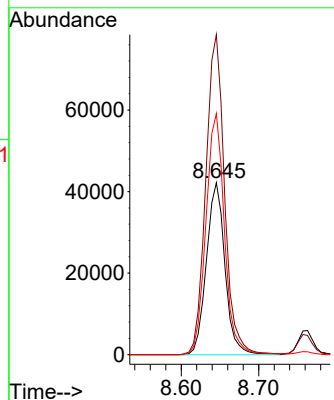
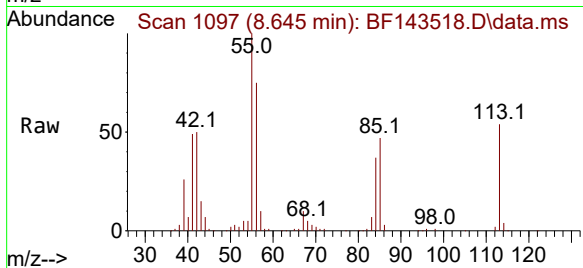




#35
 Caprolactam
 Concen: 45.135 ng
 RT: 8.645 min Scan# 1097
 Delta R.T. -0.029 min
 Lab File: BF143518.D
 Acq: 21 Aug 2025 09:21

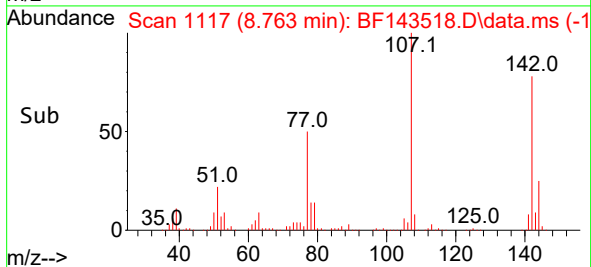
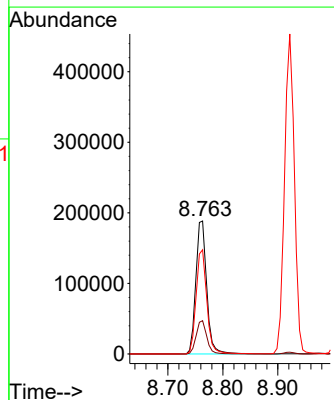
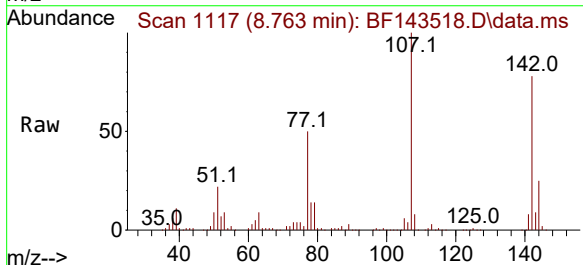
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

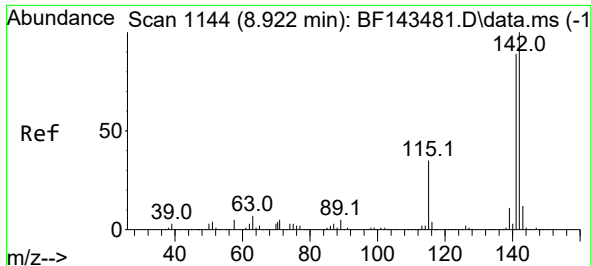
Tgt Ion:113 Resp: 69912
 Ion Ratio Lower Upper
 113 100
 55 186.1 162.8 202.8
 56 140.2 118.1 158.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.144 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. -0.006 min
 Lab File: BF143518.D
 Acq: 21 Aug 2025 09:21

Tgt Ion:107 Resp: 259690
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.9 29.9
 142 78.3 61.8 92.8

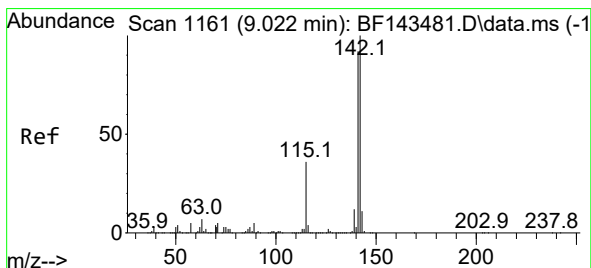
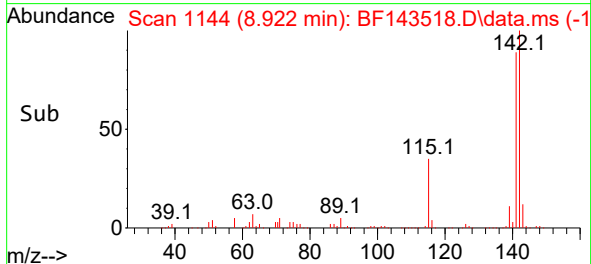
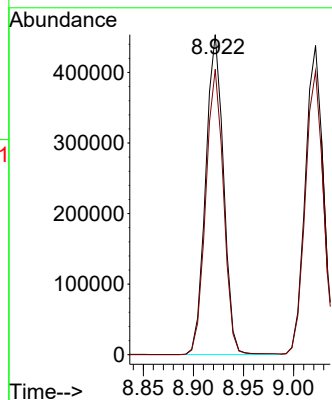
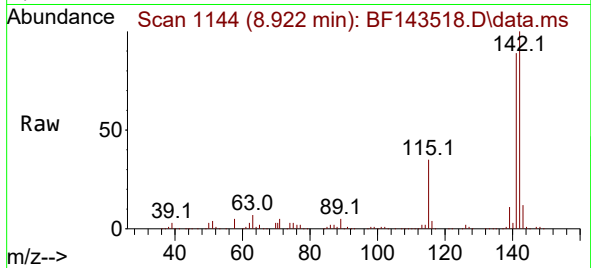




#37
2-Methylnaphthalene
Concen: 39.089 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

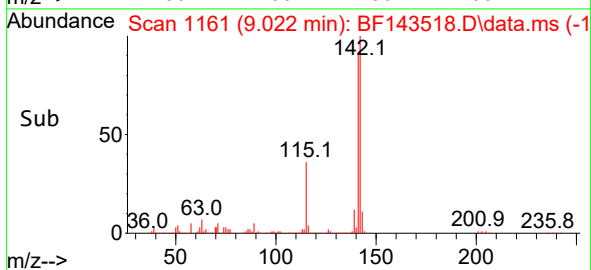
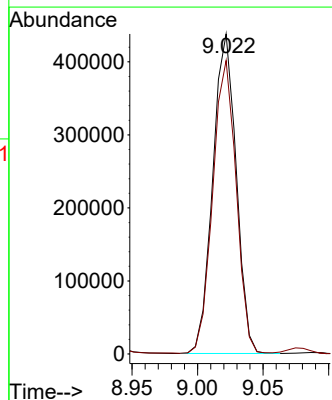
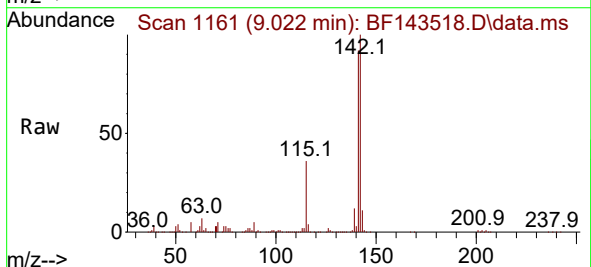
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

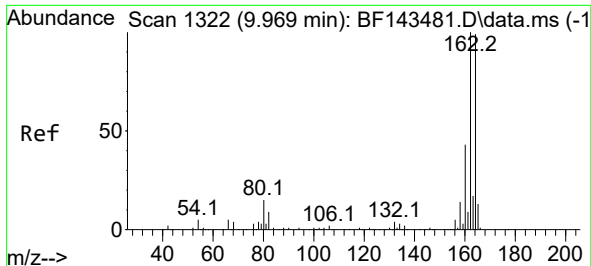
Tgt Ion:142 Resp: 562491
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4



#38
1-Methylnaphthalene
Concen: 39.436 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:142 Resp: 542827
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

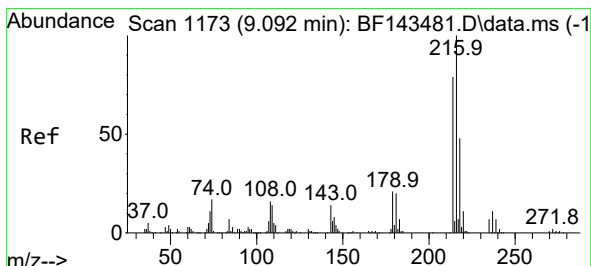
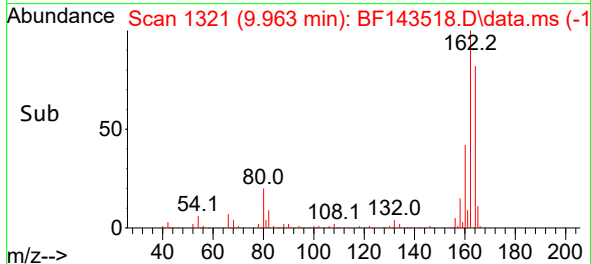
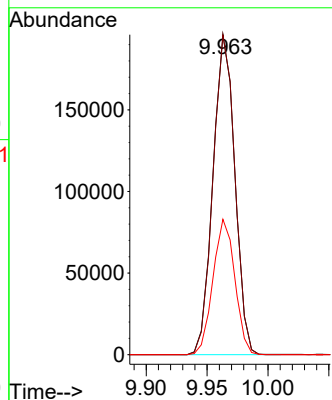
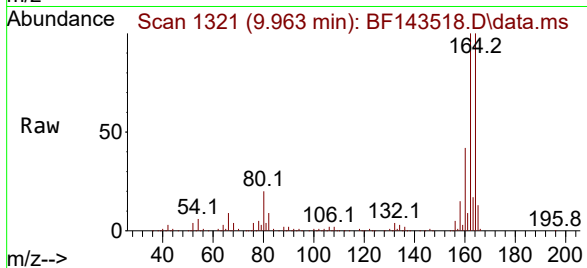
Tgt Ion:164 Resp: 244595

Ion Ratio Lower Upper

164 100

162 99.9 80.5 120.7

160 42.3 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.693 ng

RT: 9.086 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Tgt Ion:216 Resp: 277705

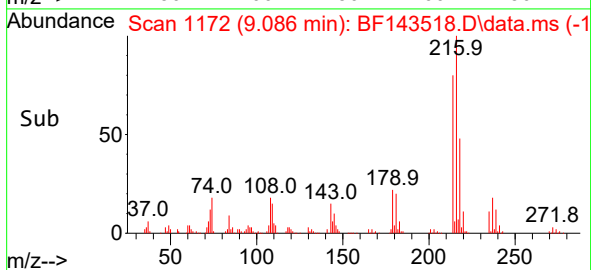
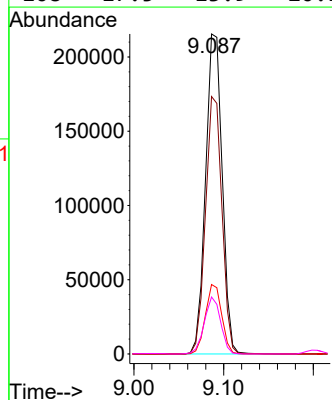
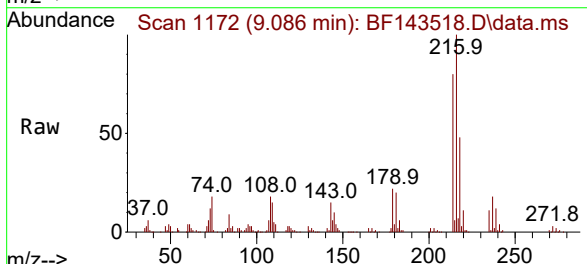
Ion Ratio Lower Upper

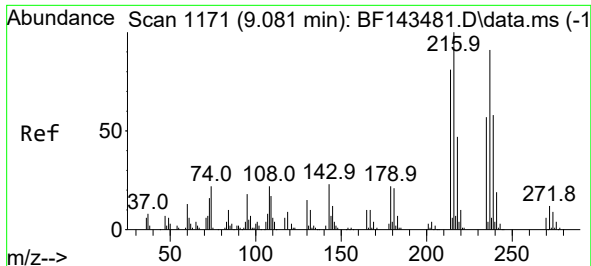
216 100

214 79.4 63.4 95.0

179 21.3 16.5 24.7

108 17.5 13.9 20.9

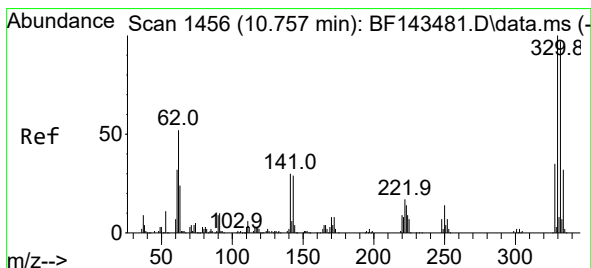
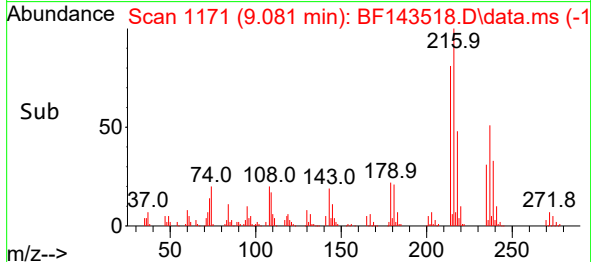
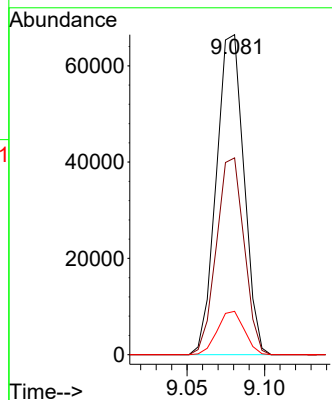
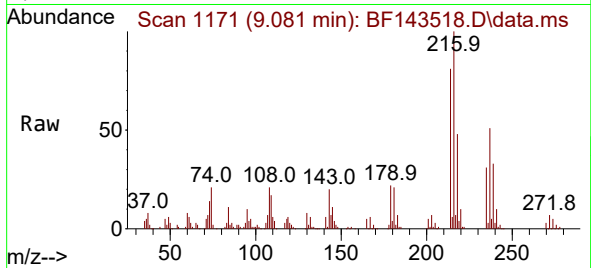




#41
Hexachlorocyclopentadiene
Concen: 34.356 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

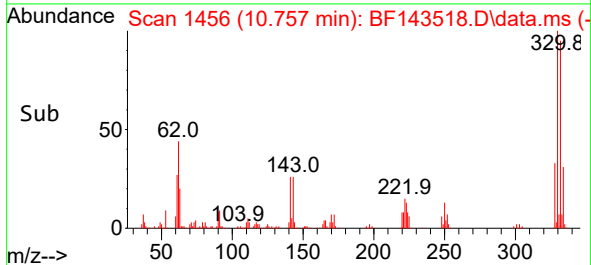
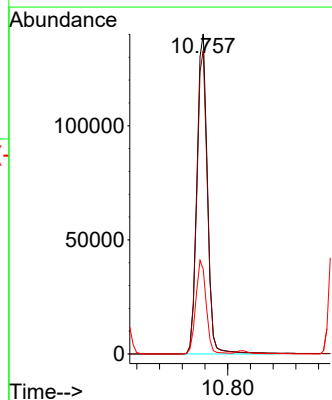
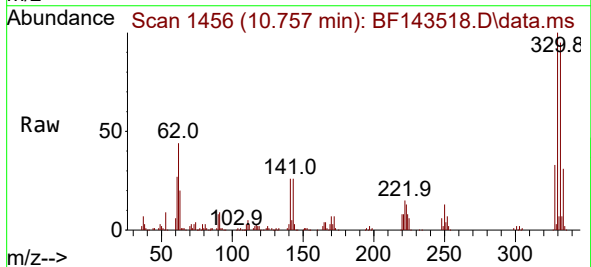
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

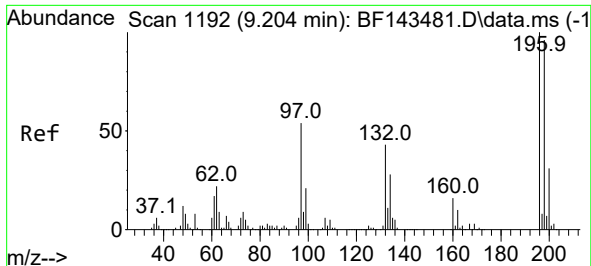
Tgt Ion:237 Resp: 82522
Ion Ratio Lower Upper
237 100
235 61.5 42.6 82.6
272 13.6 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 79.836 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:330 Resp: 181773
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 29.0 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 40.335 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

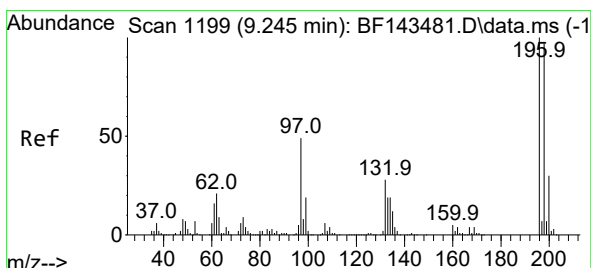
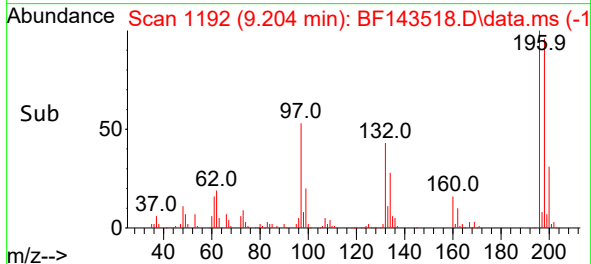
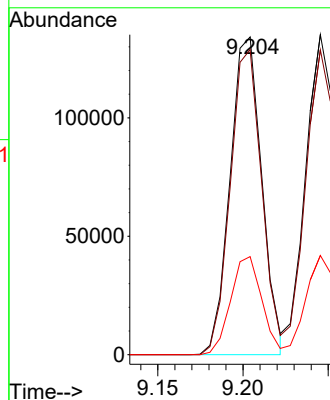
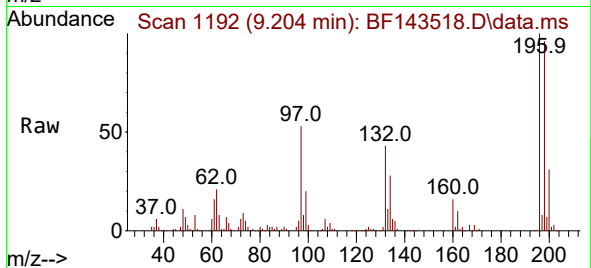
Tgt Ion:196 Resp: 173645

Ion Ratio Lower Upper

196 100

198 96.0 77.0 115.4

200 30.9 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 39.568 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Tgt Ion:196 Resp: 186067

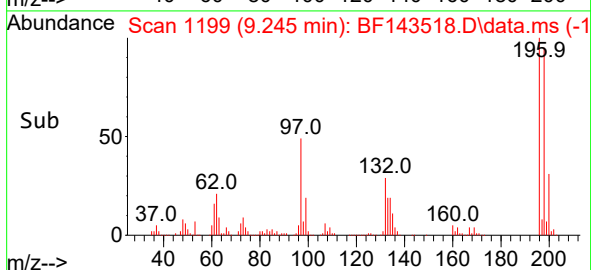
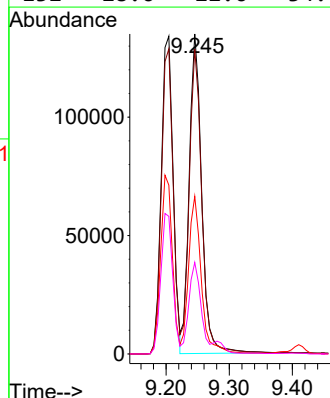
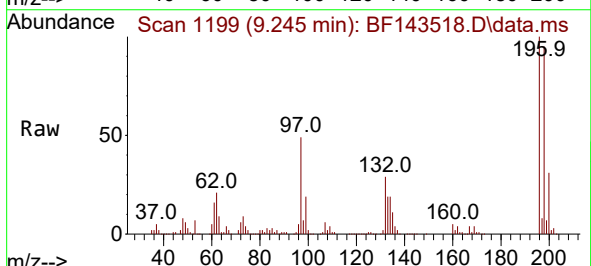
Ion Ratio Lower Upper

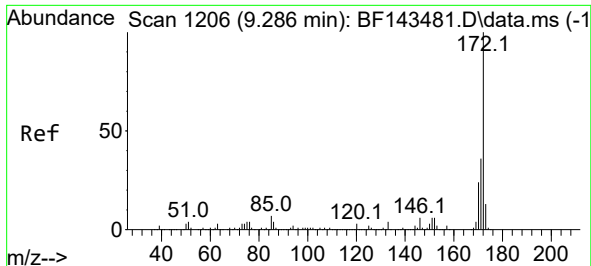
196 100

198 95.3 77.3 115.9

97 49.2 40.0 60.0

132 28.6 22.6 34.0

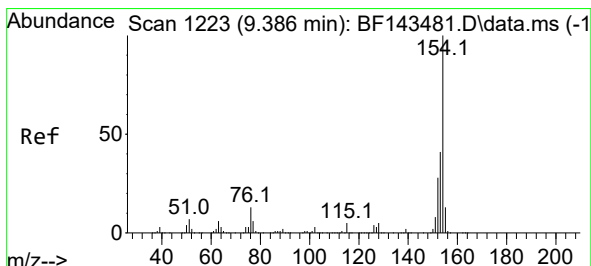
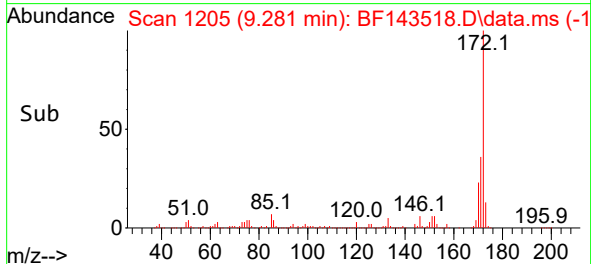
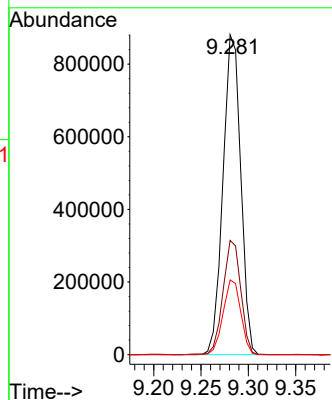
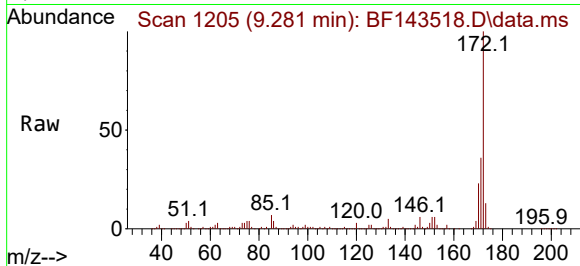




#45
2-Fluorobiphenyl
Concen: 77.819 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

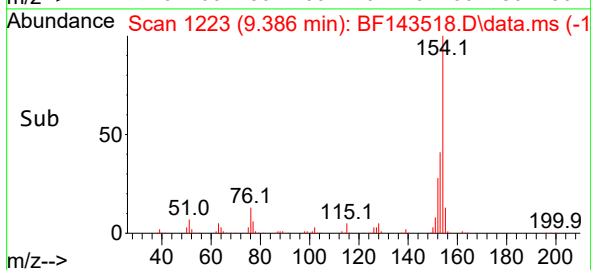
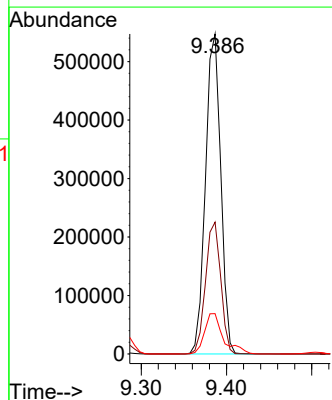
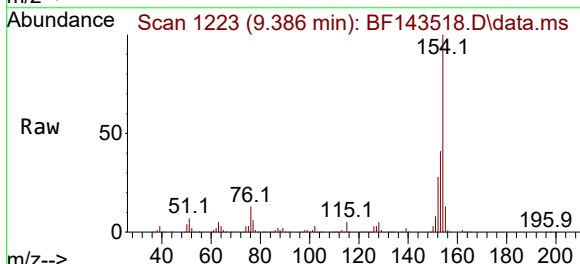
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

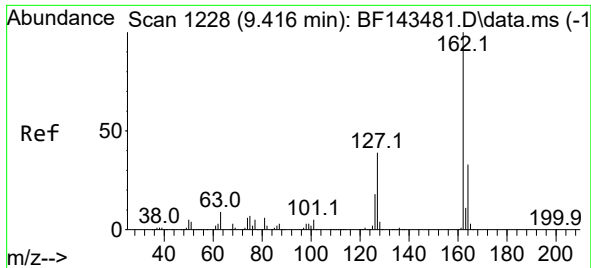
Tgt Ion:172 Resp: 1151723
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 39.203 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:154 Resp: 680592
Ion Ratio Lower Upper
154 100
153 41.2 20.6 60.6
76 12.6 0.0 33.0





#47

2-Chloronaphthalene

Concen: 39.372 ng

RT: 9.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

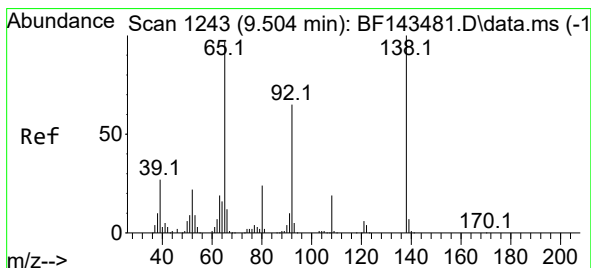
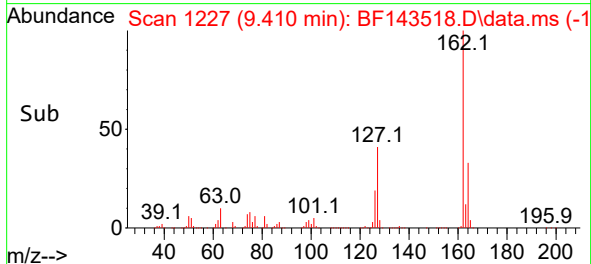
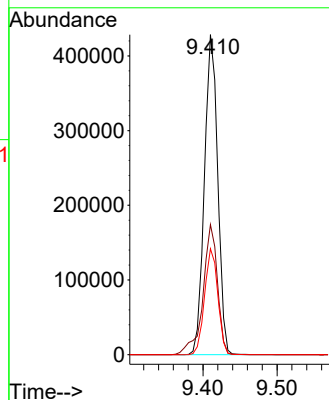
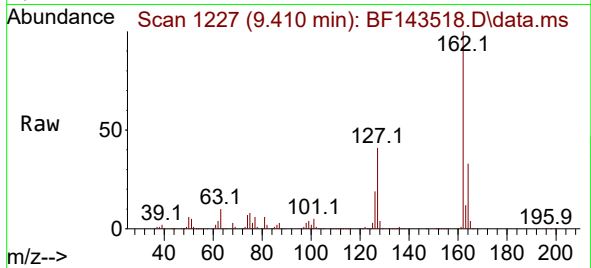
Tgt Ion:162 Resp: 536315

Ion Ratio Lower Upper

162 100

127 40.7 31.8 47.6

164 33.1 26.4 39.6



#48

2-Nitroaniline

Concen: 41.078 ng

RT: 9.504 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

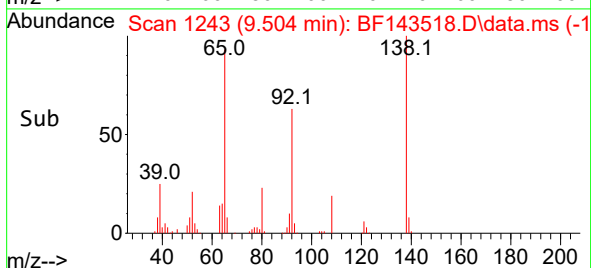
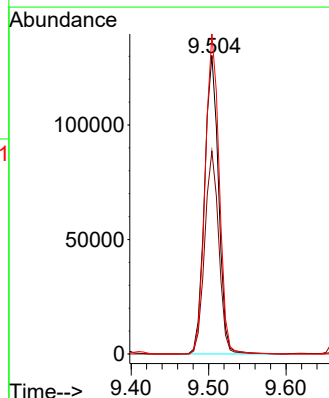
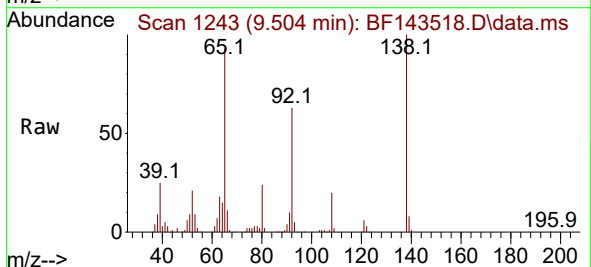
Tgt Ion: 65 Resp: 163759

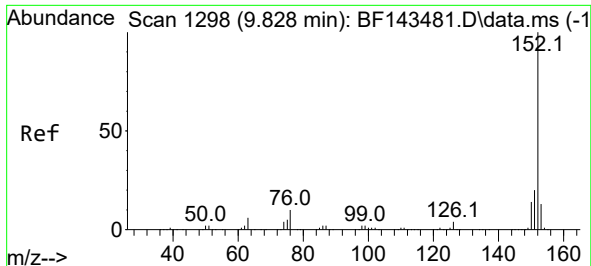
Ion Ratio Lower Upper

65 100

92 67.9 53.8 80.6

138 107.2 82.4 123.6





#49

Acenaphthylene

Concen: 39.570 ng

RT: 9.828 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

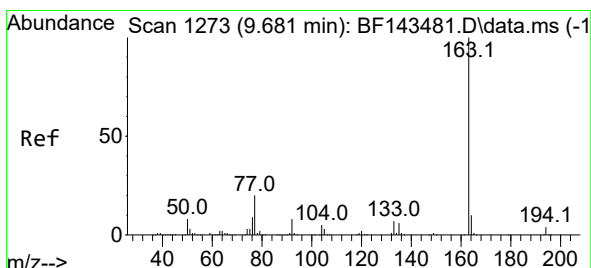
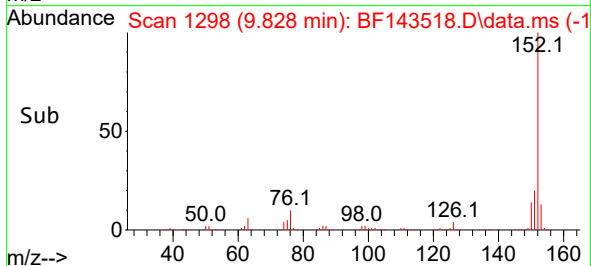
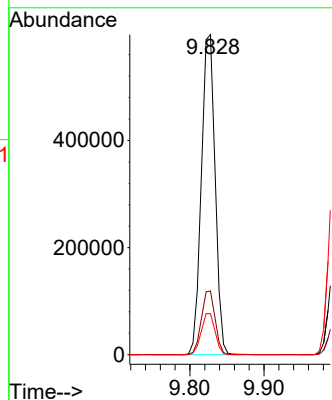
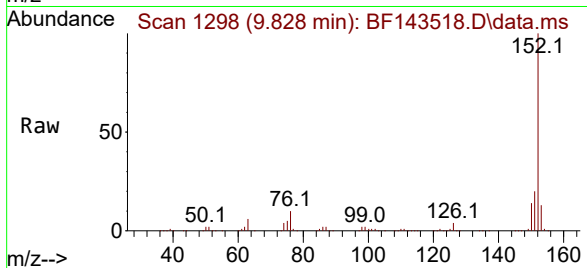
Tgt Ion:152 Resp: 771789

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 12.8 10.6 15.8



#50

Dimethylphthalate

Concen: 41.504 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

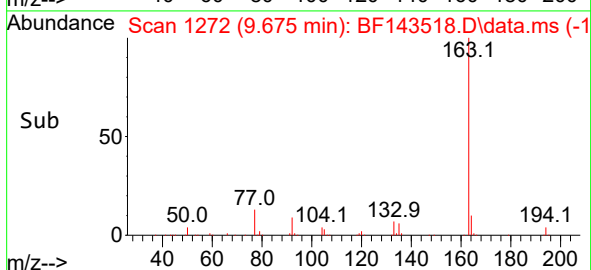
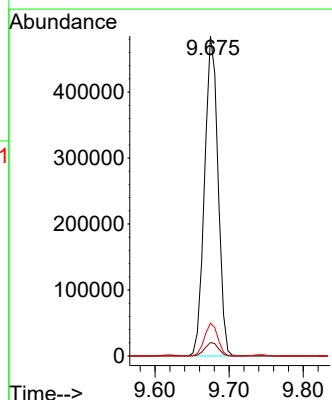
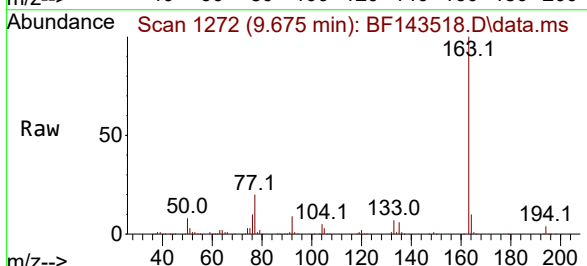
Tgt Ion:163 Resp: 611411

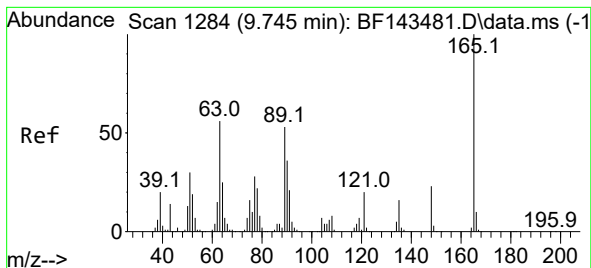
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.495 ng

RT: 9.745 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

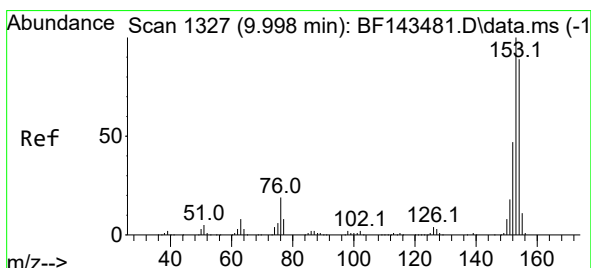
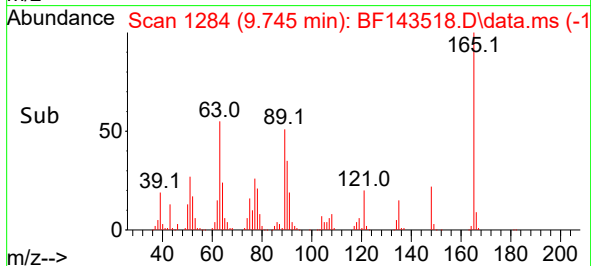
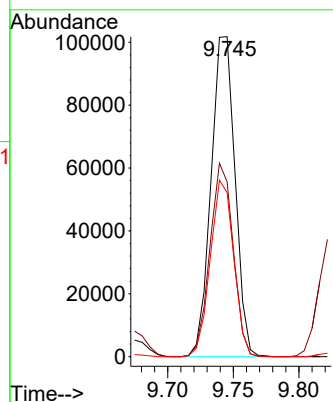
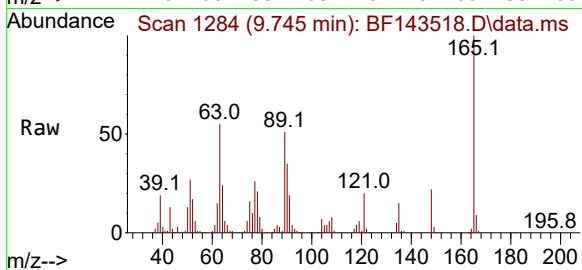
Tgt Ion:165 Resp: 129744

Ion Ratio Lower Upper

165 100

63 54.6 45.0 67.6

89 51.3 42.5 63.7



#52

Acenaphthene

Concen: 39.417 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

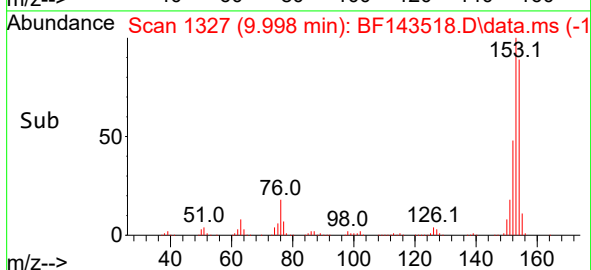
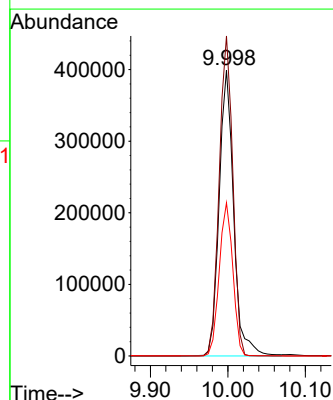
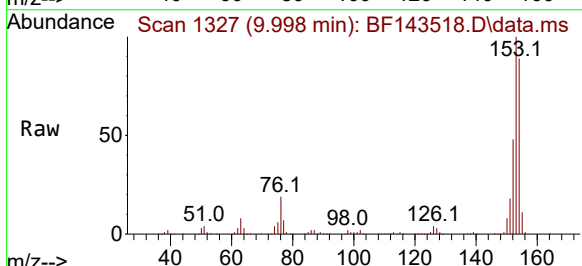
Tgt Ion:154 Resp: 521988

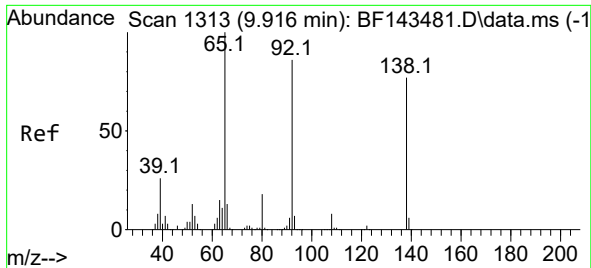
Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

152 53.5 42.5 63.7

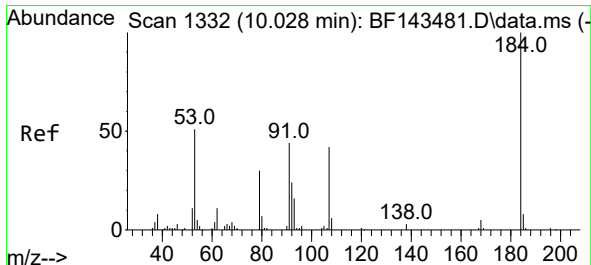
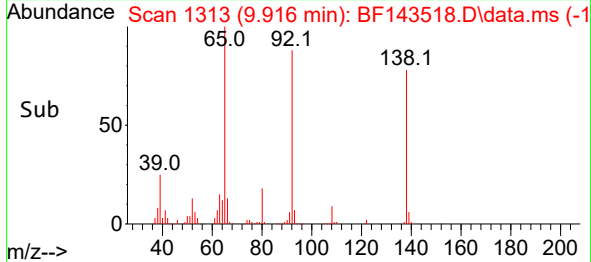
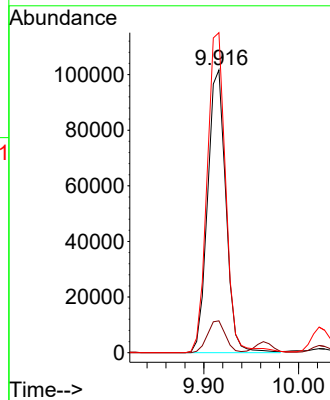
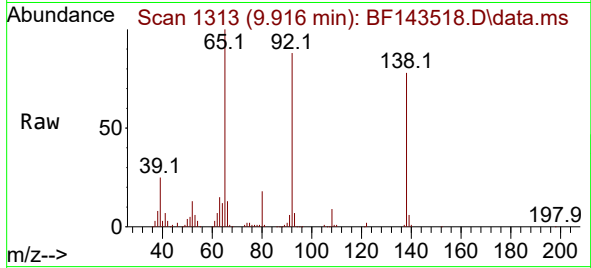




#53
3-Nitroaniline
Concen: 41.155 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

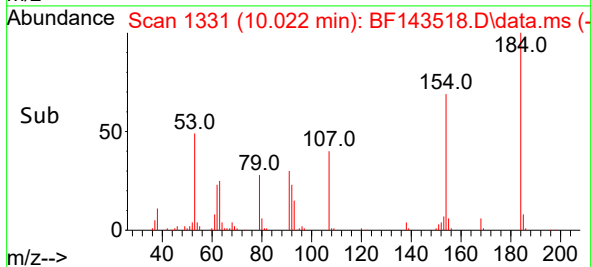
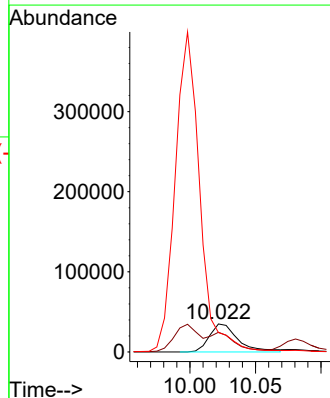
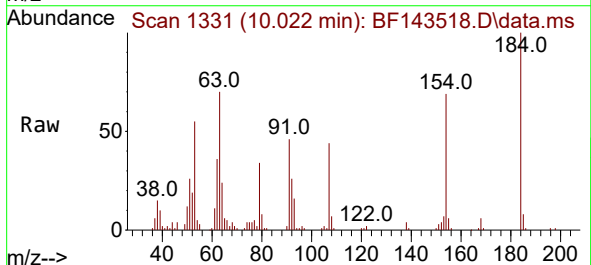
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

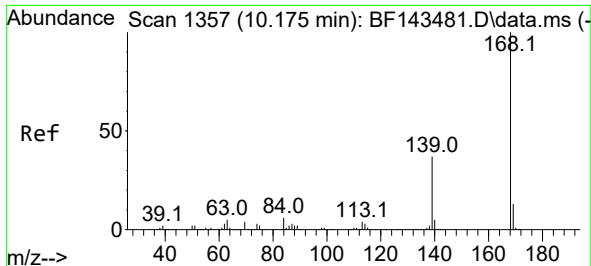
Tgt Ion:138 Resp: 135772
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 113.2 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 35.824 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:184 Resp: 53382
Ion Ratio Lower Upper
184 100
63 70.3 52.6 78.8
154 69.5 51.0 76.4

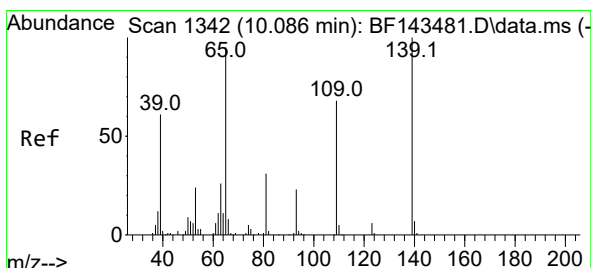
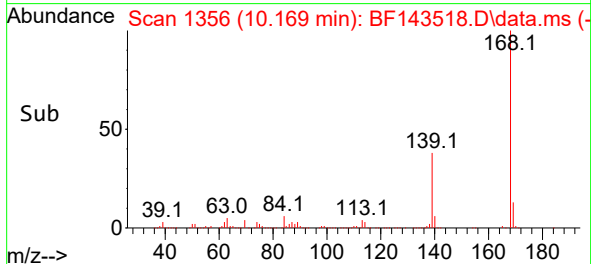
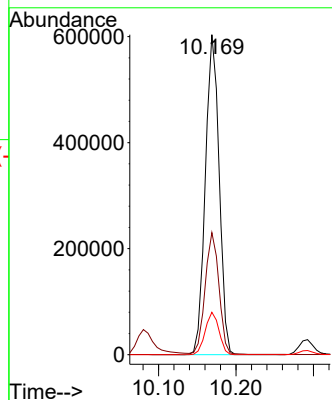
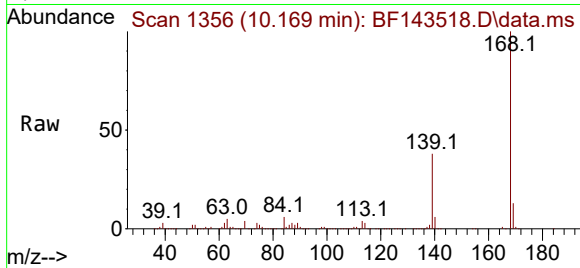




#55
Dibenzofuran
Concen: 39.509 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

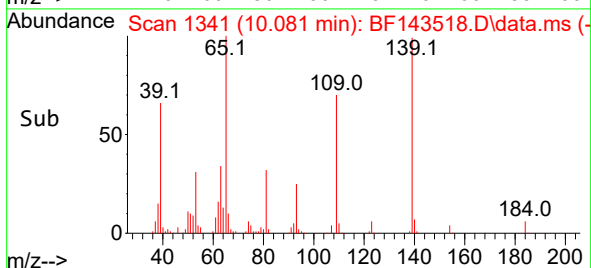
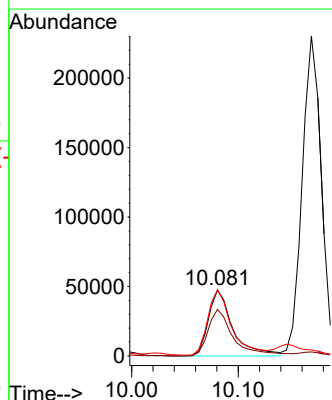
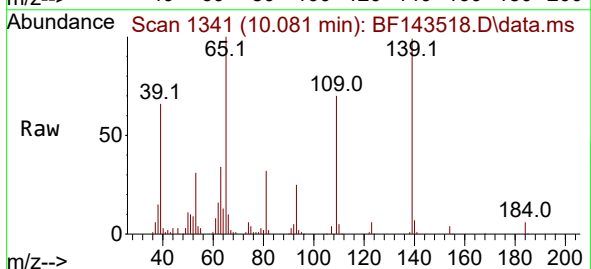
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

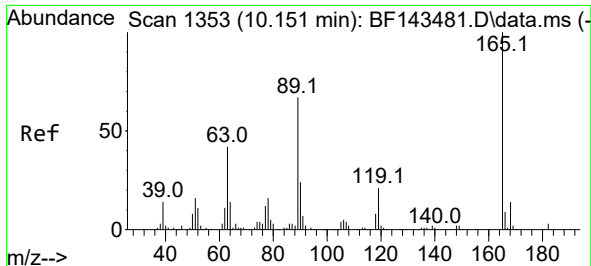
Tgt Ion:168 Resp: 745949
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.6
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 38.513 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:139 Resp: 75600
Ion Ratio Lower Upper
139 100
109 70.9 48.2 88.2
65 101.2 75.8 115.8

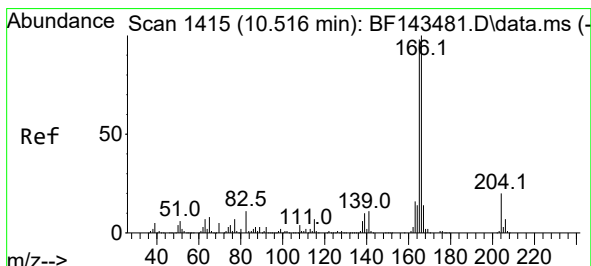
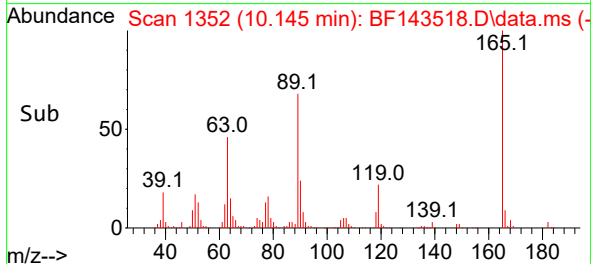
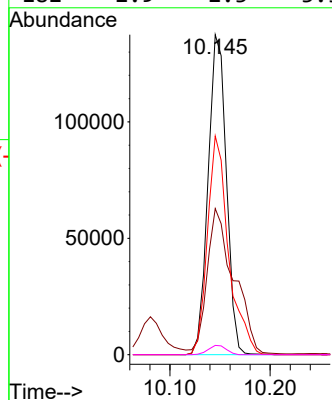
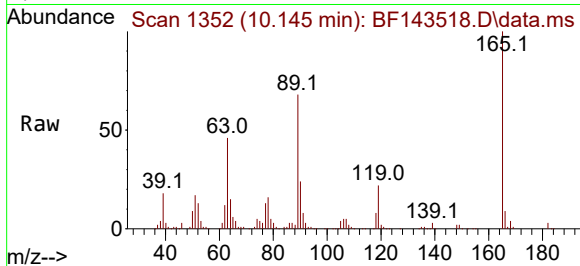




#57
2,4-Dinitrotoluene
Concen: 42.812 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

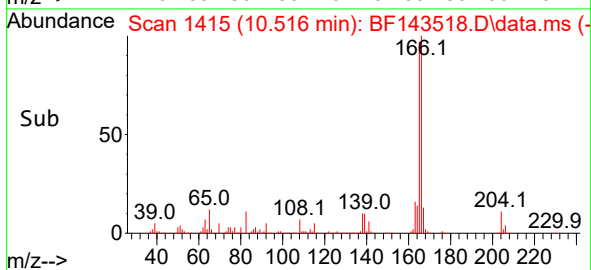
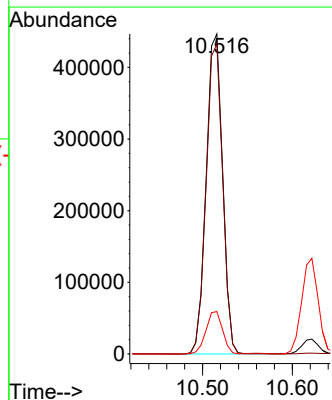
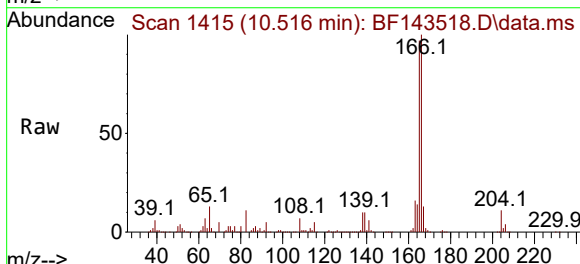
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

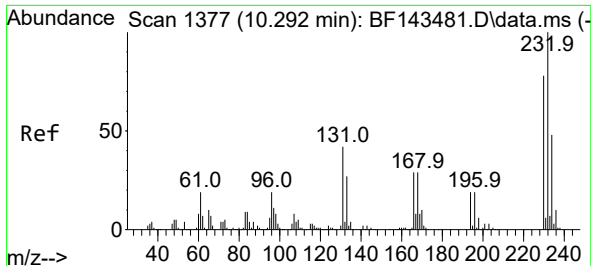
Tgt Ion:165 Resp: 174534
Ion Ratio Lower Upper
165 100
63 45.7 34.9 52.3
89 68.4 53.3 79.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 39.184 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:166 Resp: 569387
Ion Ratio Lower Upper
166 100
165 96.8 78.3 117.5
167 13.2 11.0 16.4

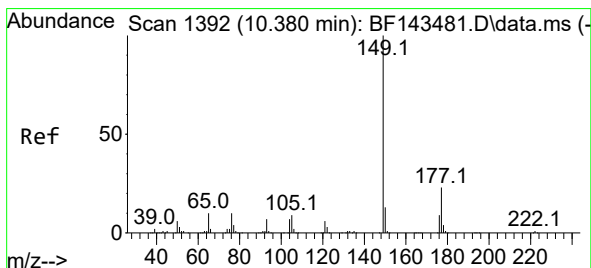
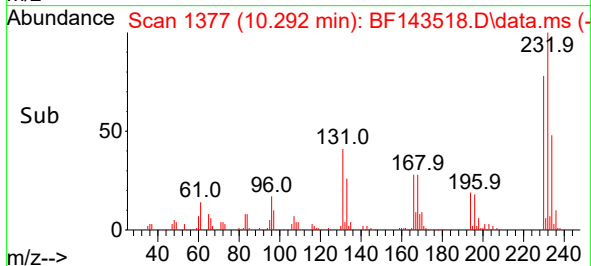
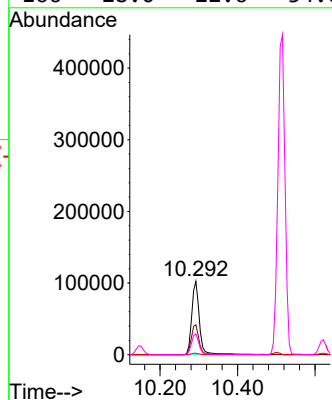
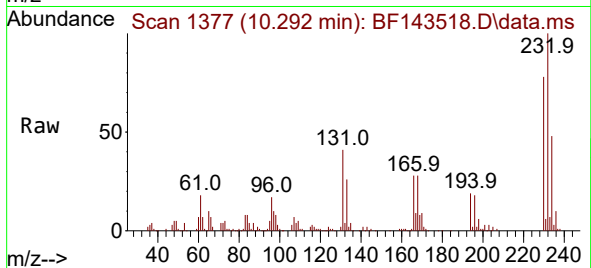




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.463 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

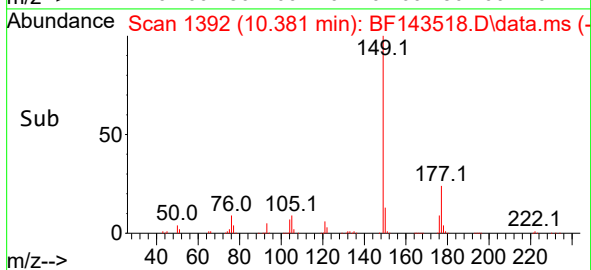
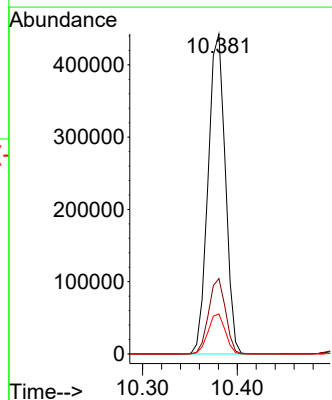
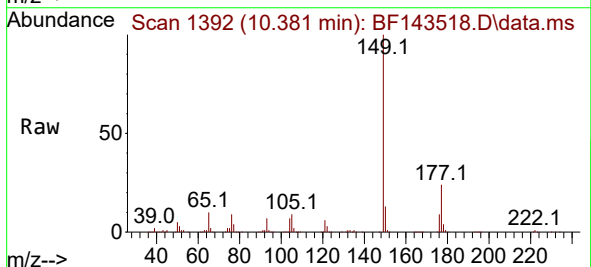
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

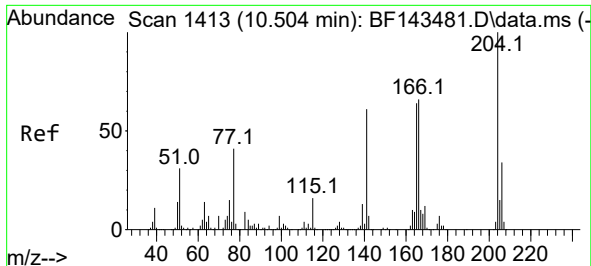
Tgt Ion:232 Resp: 141362
Ion Ratio Lower Upper
232 100
131 40.6 32.7 49.1
130 2.0 1.6 2.4
166 28.0 22.6 34.0



#60
Diethylphthalate
Concen: 42.212 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:149 Resp: 557513
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.5 10.3 15.5

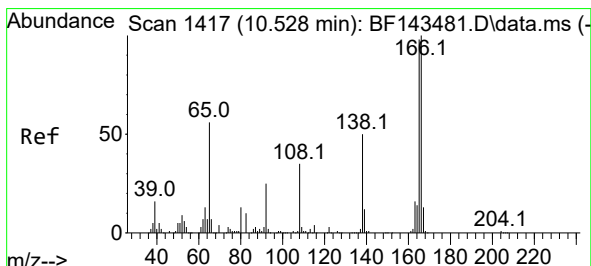
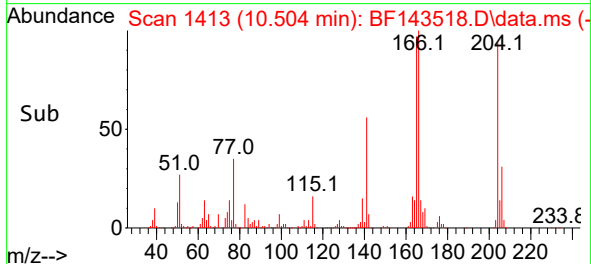
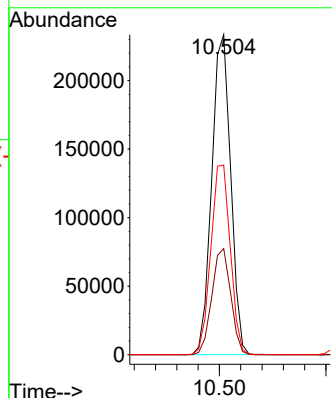
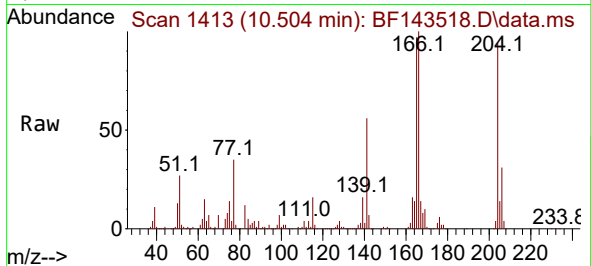




#61
4-Chlorophenyl-phenylether
Concen: 39.680 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

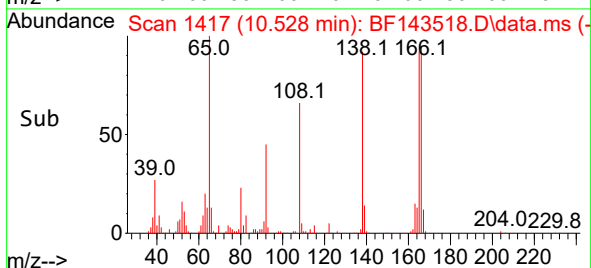
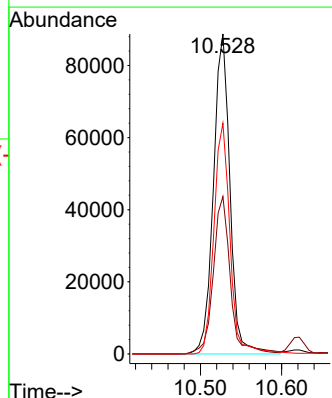
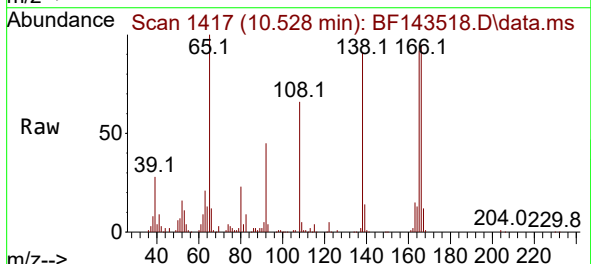
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

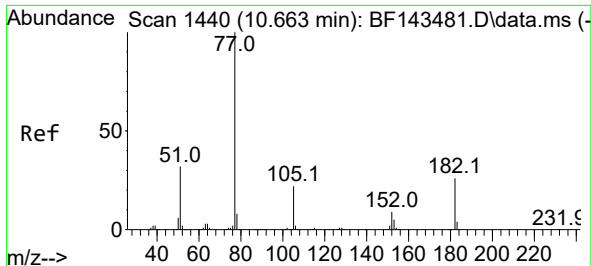
Tgt Ion:204 Resp: 288368
Ion Ratio Lower Upper
204 100
206 33.1 27.0 40.4
141 59.3 48.7 73.1



#62
4-Nitroaniline
Concen: 41.677 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:138 Resp: 126293
Ion Ratio Lower Upper
138 100
92 49.2 29.3 69.3
108 72.1 50.7 90.7

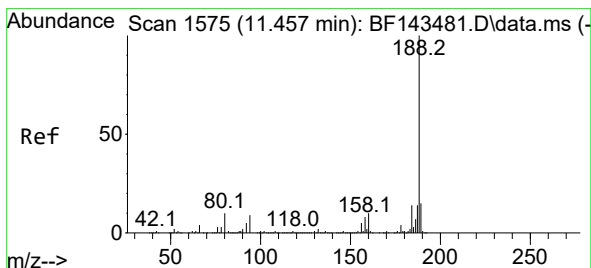
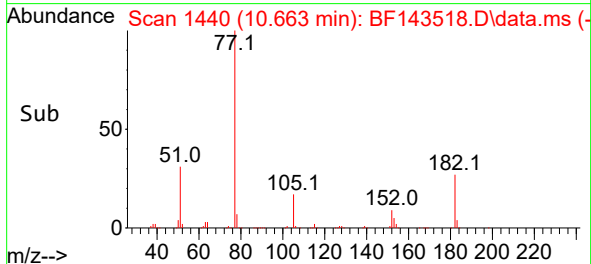
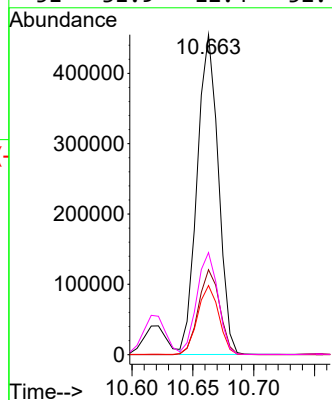
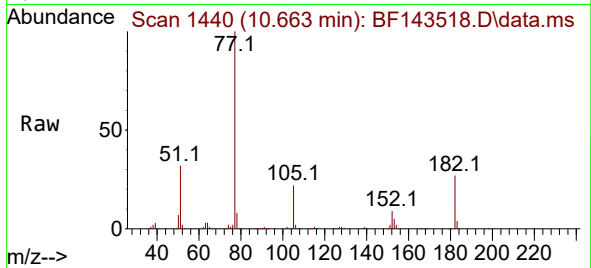




#63
Azobenzene
Concen: 40.129 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

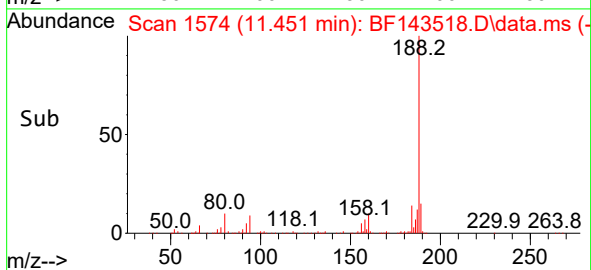
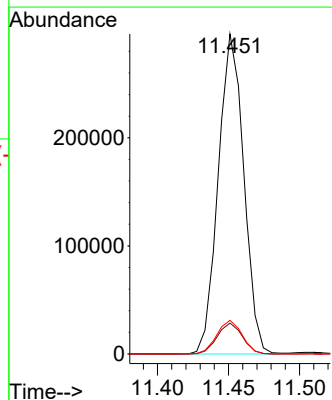
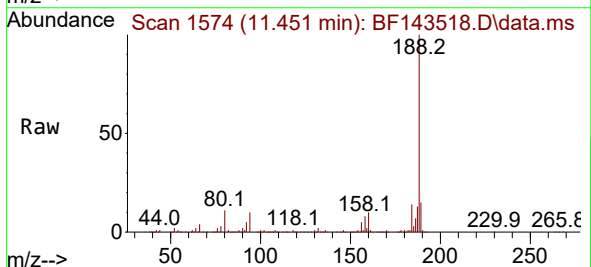
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

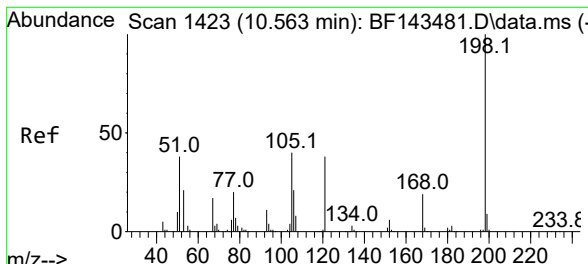
Tgt Ion:	77	Resp:	549552
Ion Ratio	Lower	Upper	
77	100		
182	26.6	6.2	46.2
105	21.6	2.2	42.2
51	31.9	12.4	52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:	188	Resp:	369706
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.4	11.2
80	10.5	8.2	12.4

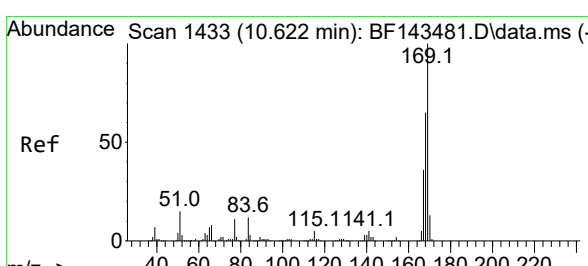
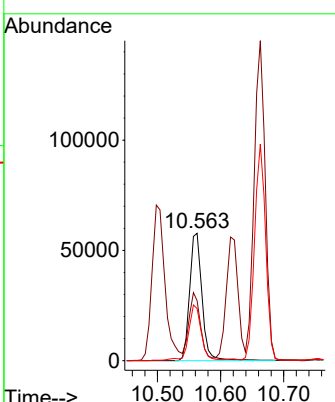
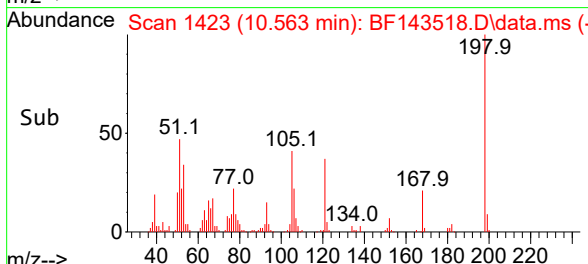
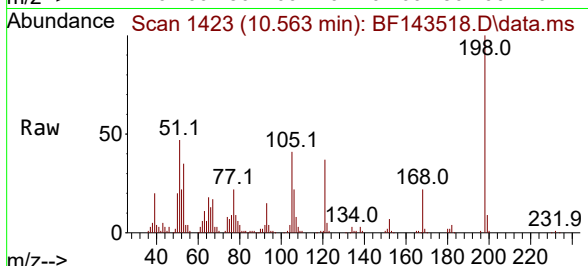




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.928 ng
 RT: 10.563 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: BF143518.D
 Acq: 21 Aug 2025 09:21

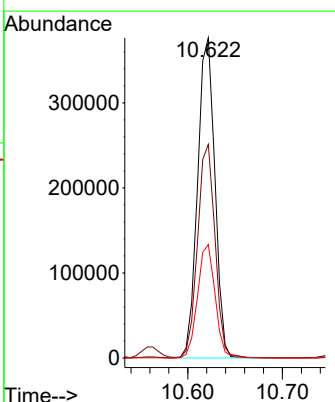
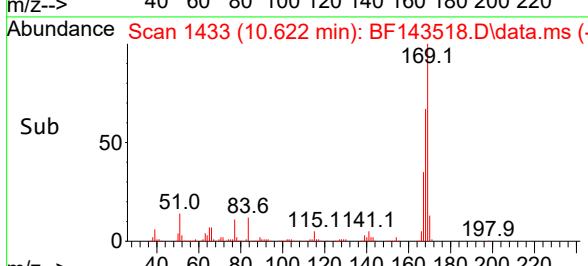
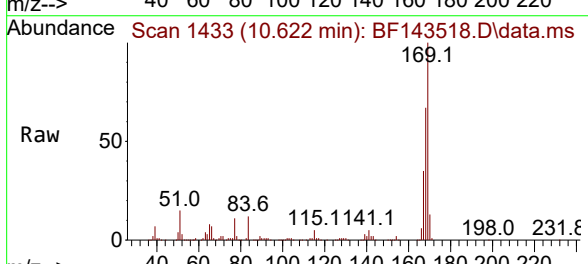
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

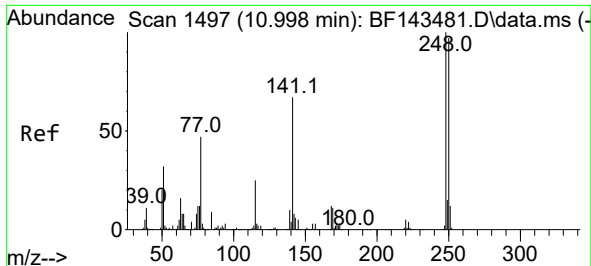
Tgt Ion:198	Resp:	79062
Ion Ratio	Lower	Upper
198	100	
51	47.1	29.6 69.6
105	41.0	21.5 61.5



#66
 n-Nitrosodiphenylamine
 Concen: 40.110 ng
 RT: 10.622 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: BF143518.D
 Acq: 21 Aug 2025 09:21

Tgt Ion:169	Resp:	477218
Ion Ratio	Lower	Upper
169	100	
168	66.8	52.4 78.6
167	35.5	28.9 43.3

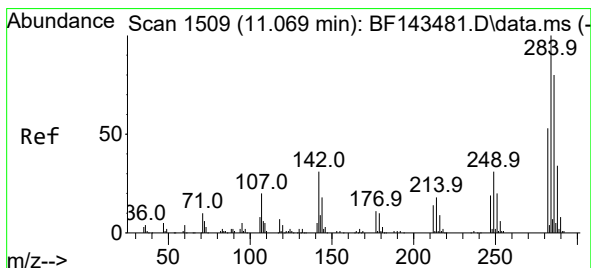
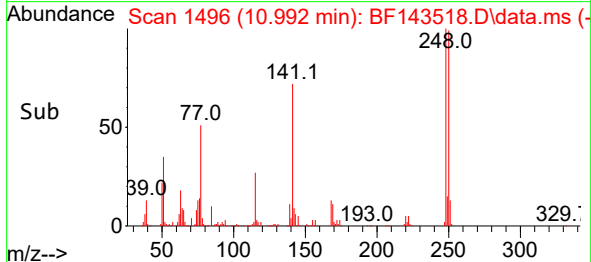
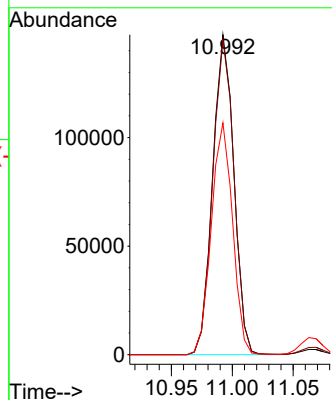
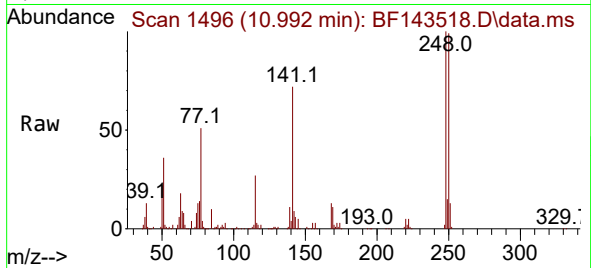




#67
4-Bromophenyl-phenylether
Concen: 40.542 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

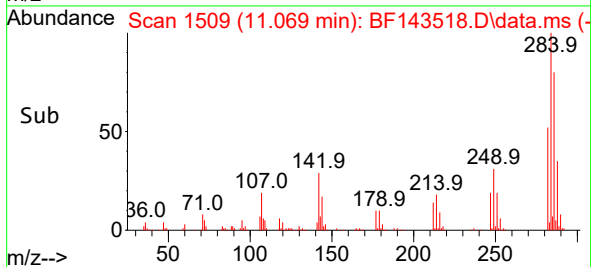
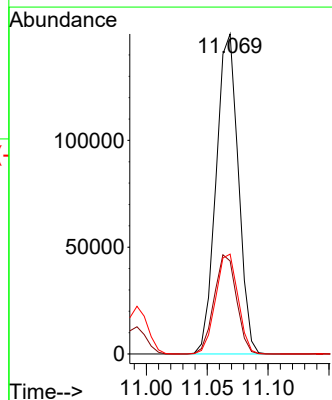
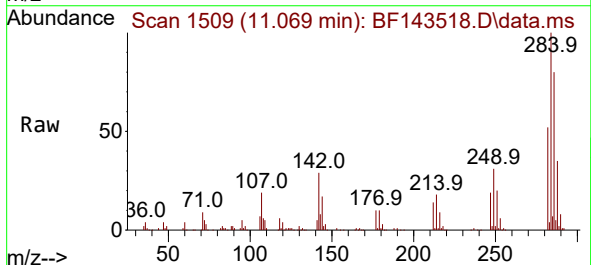
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

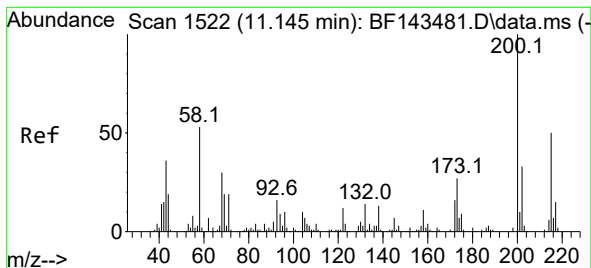
Tgt Ion:248 Resp: 178840
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.8
141 72.4 54.0 81.0



#68
Hexachlorobenzene
Concen: 39.979 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:284 Resp: 190099
Ion Ratio Lower Upper
284 100
142 29.0 24.4 36.6
249 31.2 25.0 37.6





#69

Atrazine

Concen: 46.846 ng

RT: 11.145 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

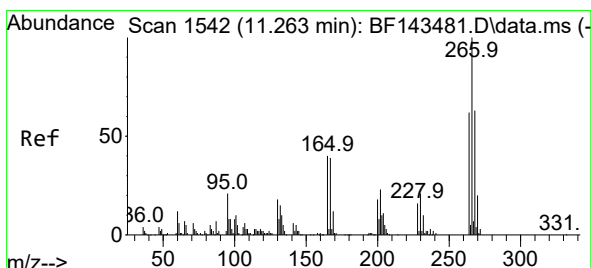
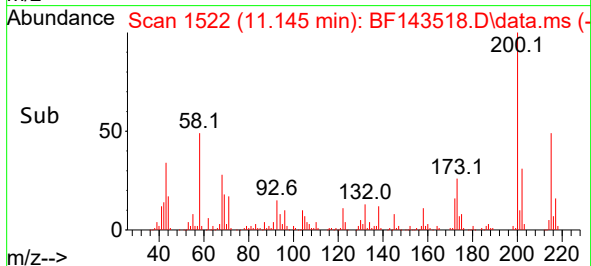
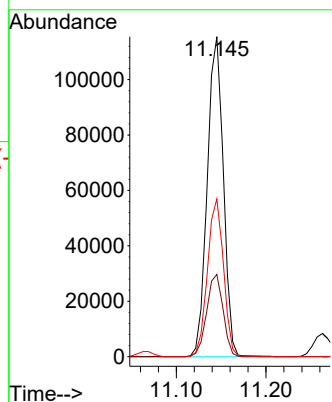
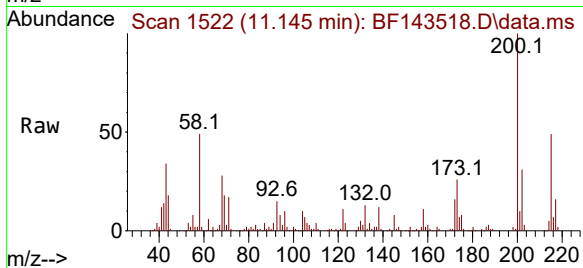
Tgt Ion:200 Resp: 143876

Ion Ratio Lower Upper

200 100

173 25.7 6.9 46.9

215 49.3 30.0 70.0



#70

Pentachlorophenol

Concen: 36.133 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

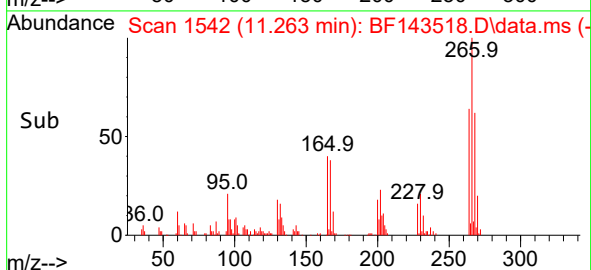
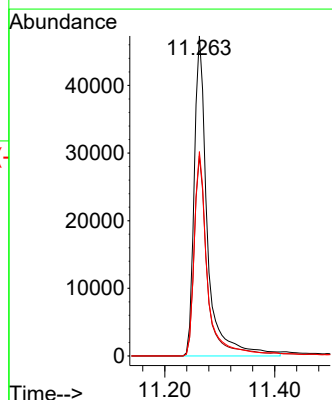
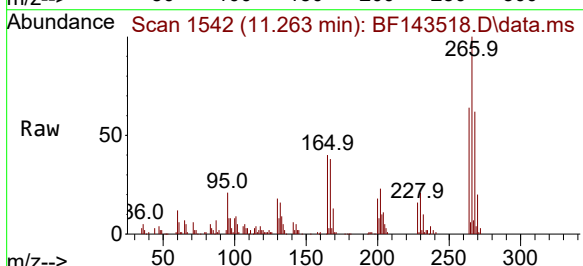
Tgt Ion:266 Resp: 78686

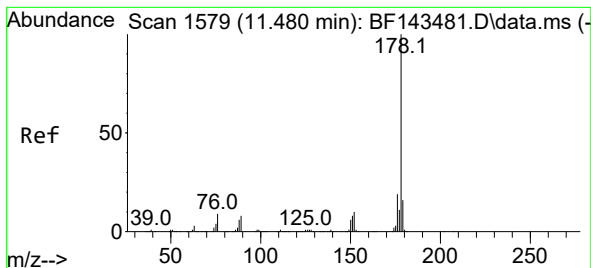
Ion Ratio Lower Upper

266 100

268 62.5 50.5 75.7

264 63.8 49.8 74.8





#71

Phenanthrene

Concen: 39.294 ng

RT: 11.475 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

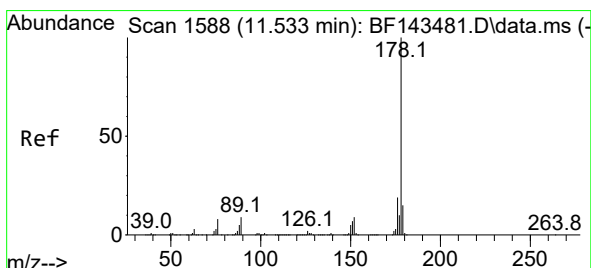
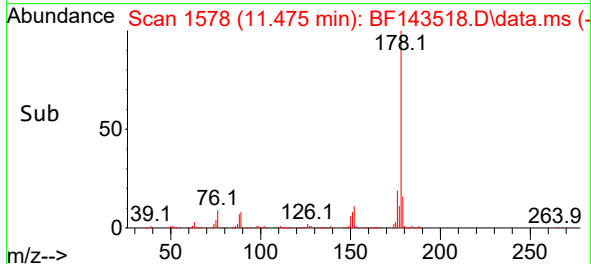
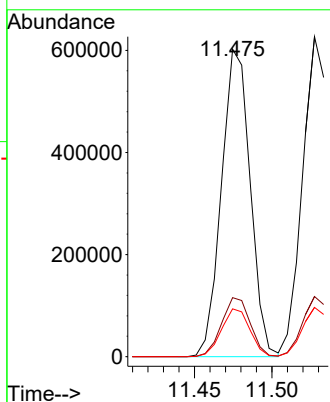
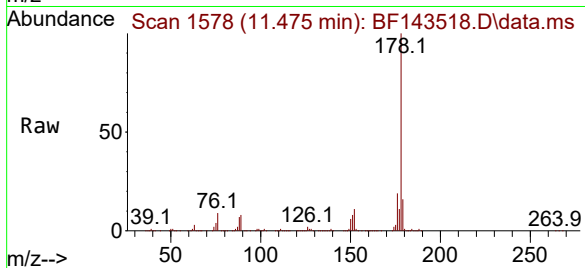
Tgt Ion:178 Resp: 777957

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.5 12.5 18.7



#72

Anthracene

Concen: 39.255 ng

RT: 11.528 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

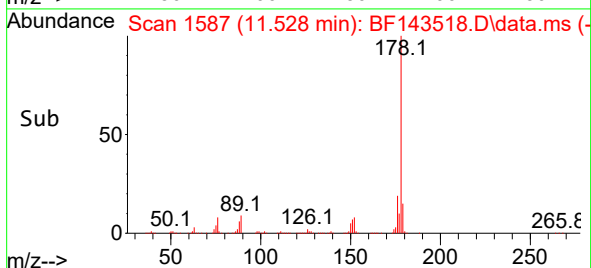
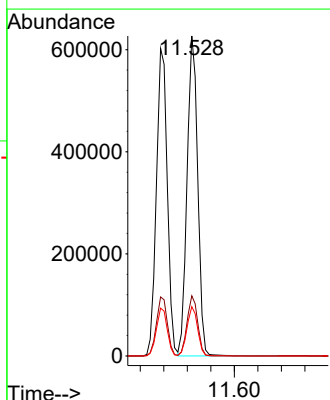
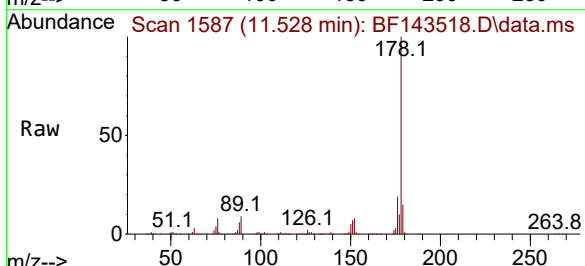
Tgt Ion:178 Resp: 787324

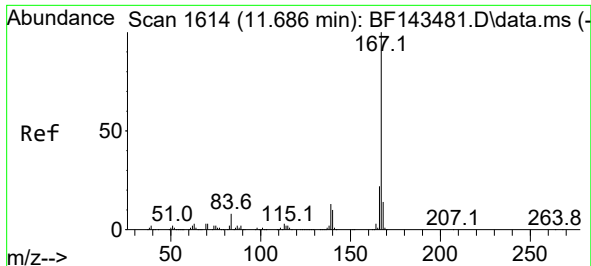
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.4 12.3 18.5

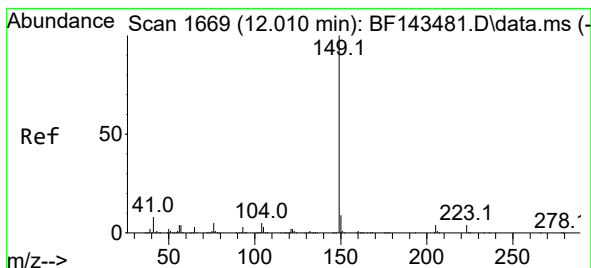
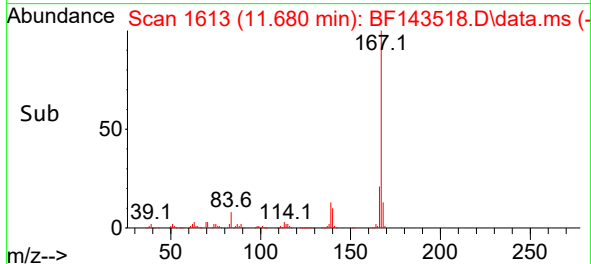
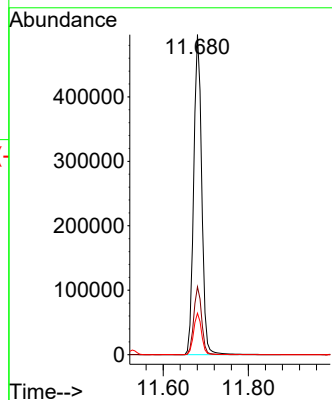
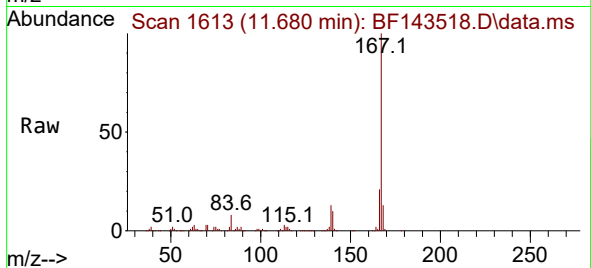




#73
Carbazole
Concen: 39.380 ng
RT: 11.680 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

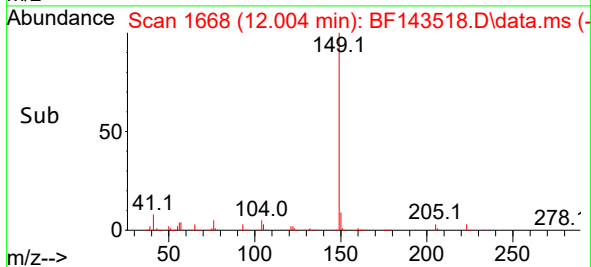
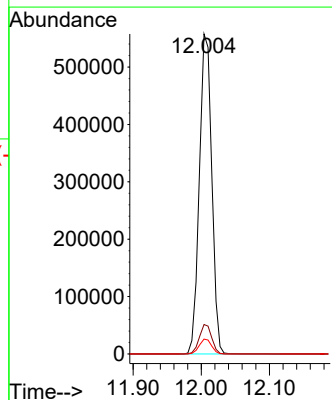
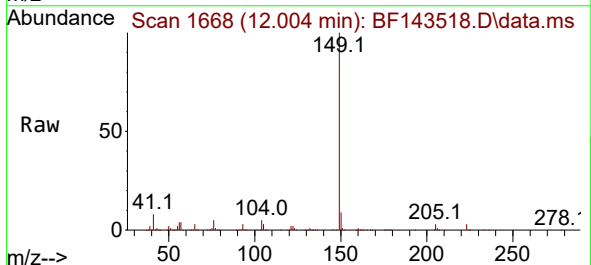
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

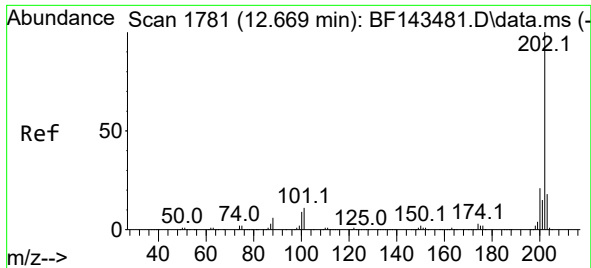
Tgt Ion:167 Resp: 647183
Ion Ratio Lower Upper
167 100
166 21.2 17.3 25.9
139 13.0 10.0 15.0



#74
Di-n-butylphthalate
Concen: 46.124 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:149 Resp: 707138
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 4.7 3.6 5.4

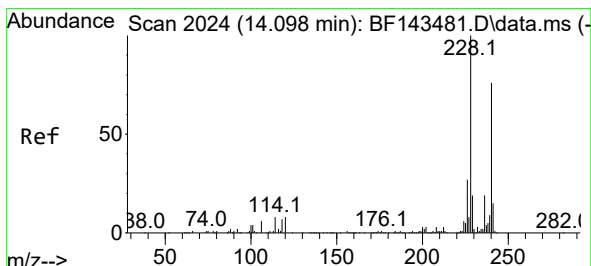
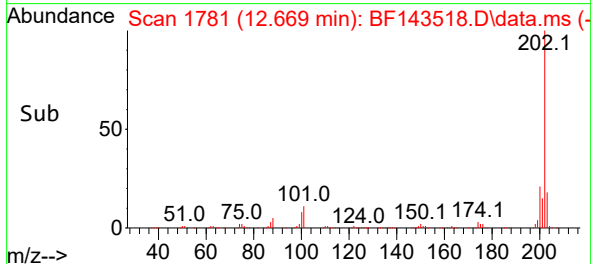
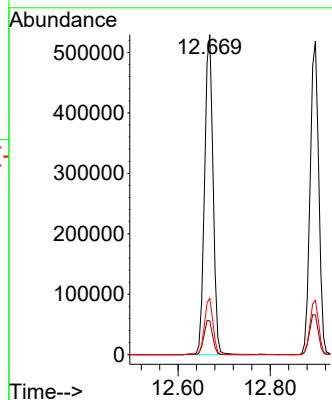
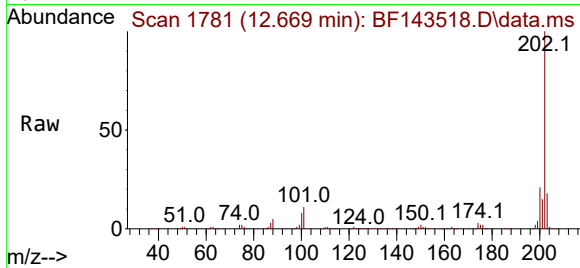




#75
Fluoranthene
Concen: 38.372 ng
RT: 12.669 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

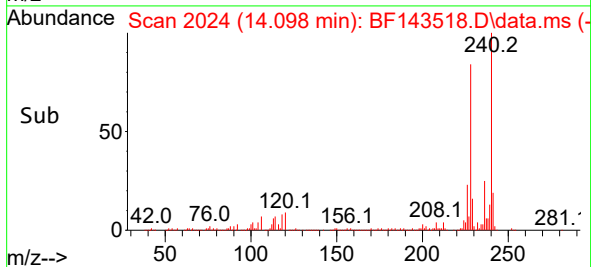
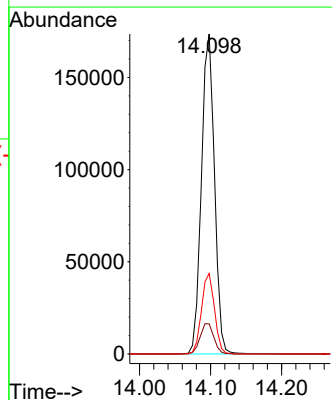
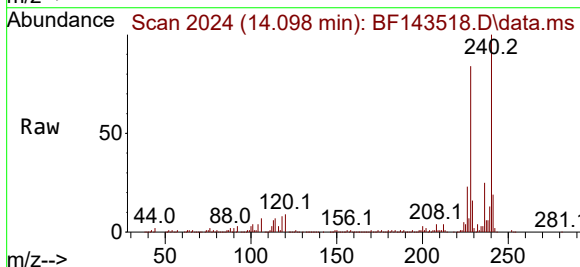
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

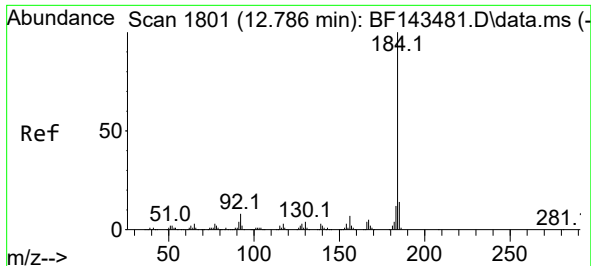
Tgt Ion:202 Resp: 681682
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.3
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:240 Resp: 222503
Ion Ratio Lower Upper
240 100
120 9.4 8.6 12.8
236 25.2 20.4 30.6

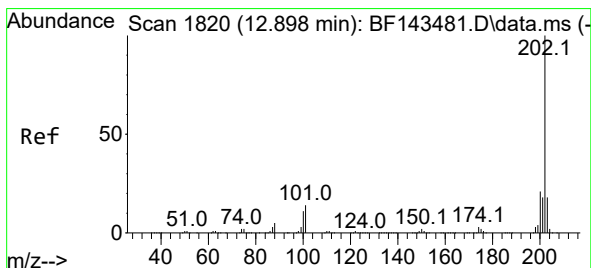
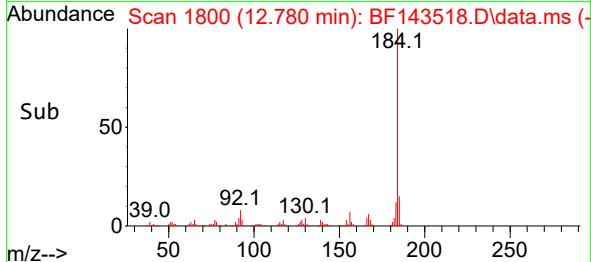
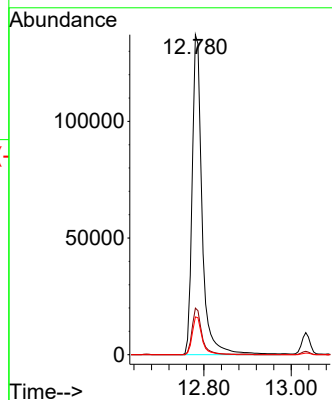
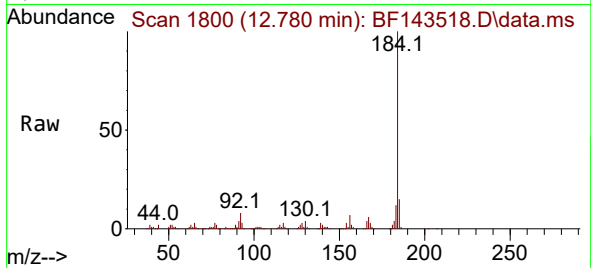




#77
Benzidine
Concen: 40.029 ng
RT: 12.780 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

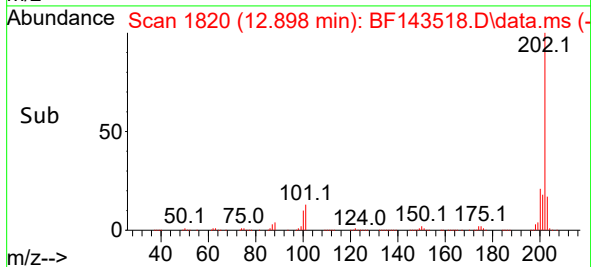
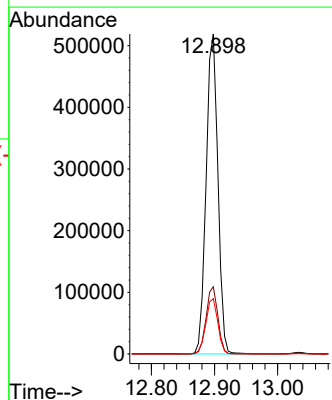
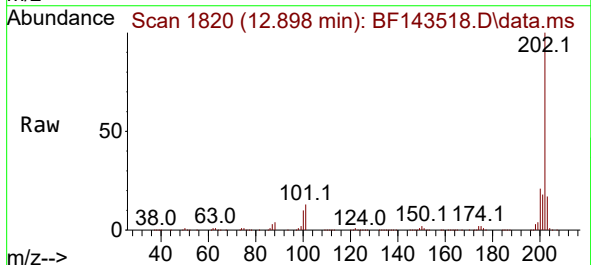
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

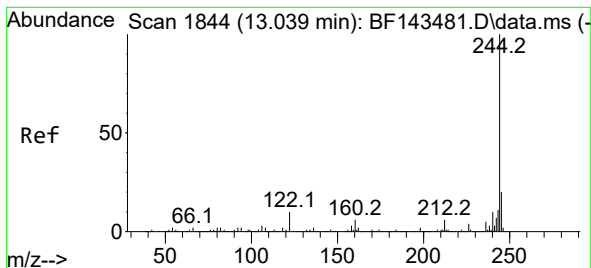
Tgt Ion:184 Resp: 216953
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 11.8 9.5 14.3



#78
Pyrene
Concen: 36.801 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:202 Resp: 673559
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.3 14.3 21.5





#79

Terphenyl-d14

Concen: 76.374 ng

RT: 13.033 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

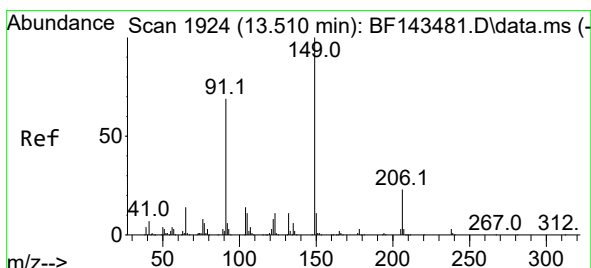
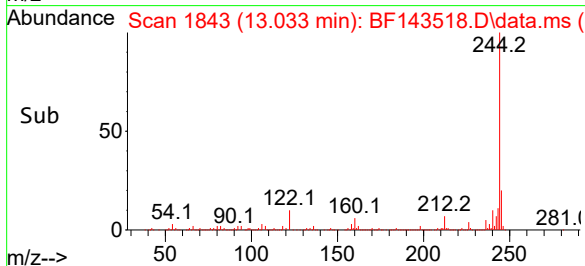
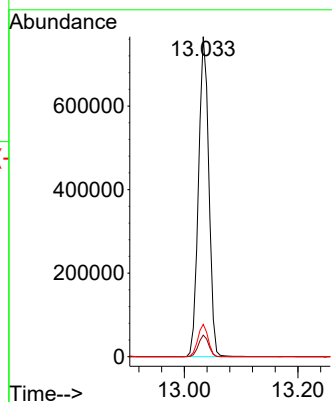
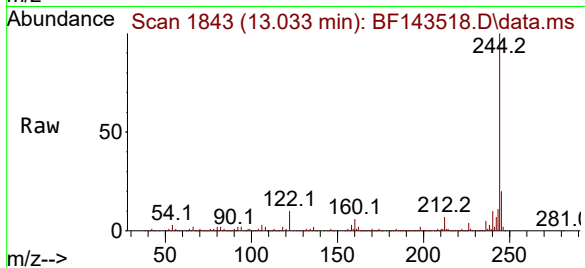
Tgt Ion:244 Resp: 973817

Ion Ratio Lower Upper

244 100

212 6.8 5.2 7.8

122 10.1 7.9 11.9



#80

Butylbenzylphthalate

Concen: 43.176 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

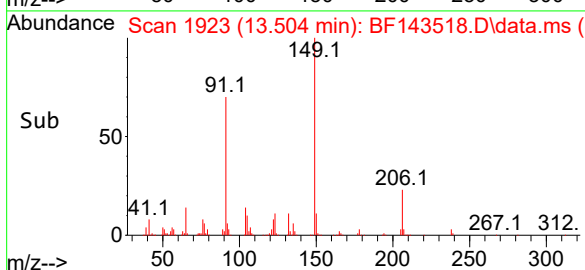
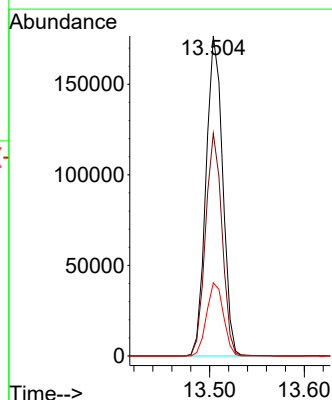
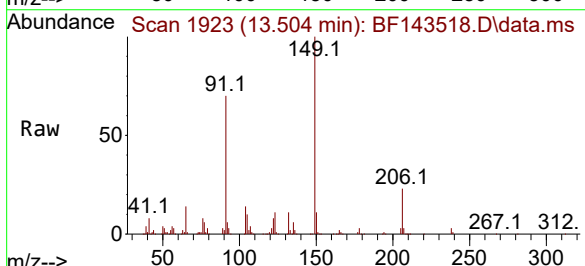
Tgt Ion:149 Resp: 215877

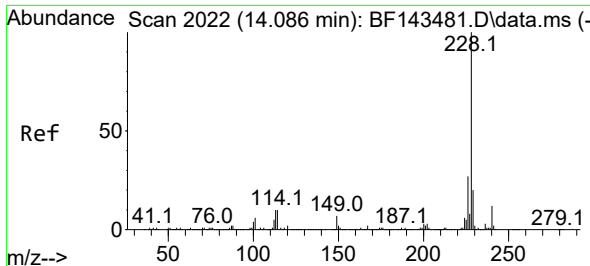
Ion Ratio Lower Upper

149 100

91 69.5 55.3 82.9

206 22.9 18.2 27.4

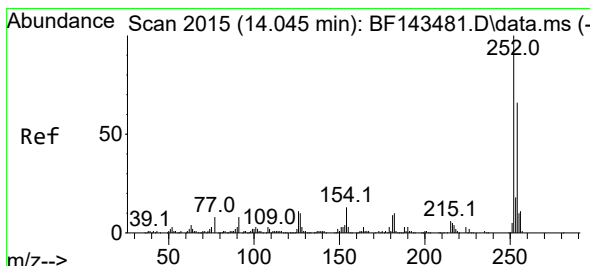
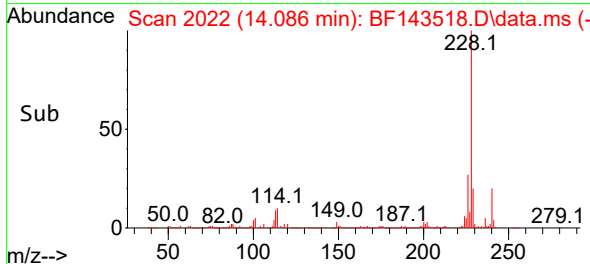
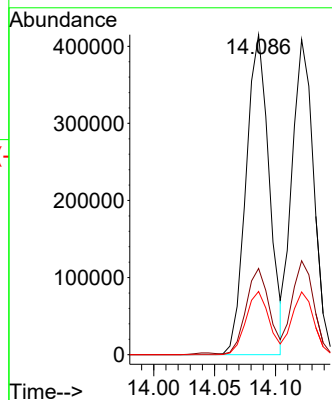
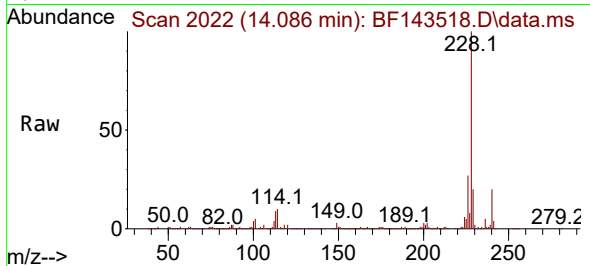




#81
Benzo(a)anthracene
Concen: 38.502 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

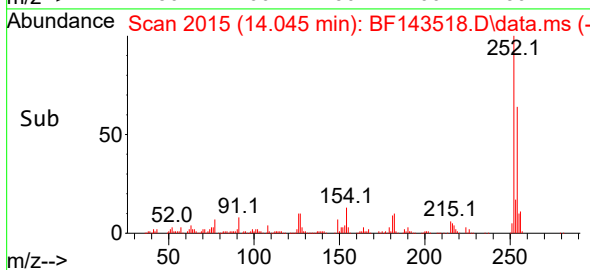
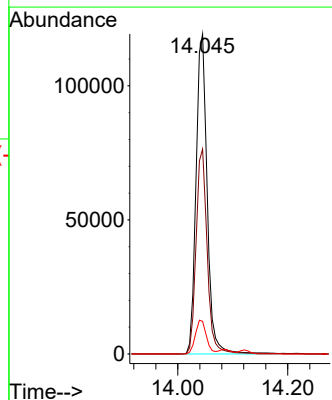
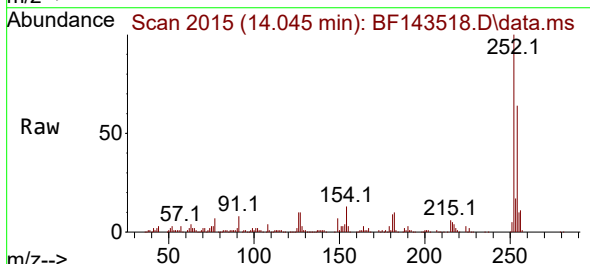
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

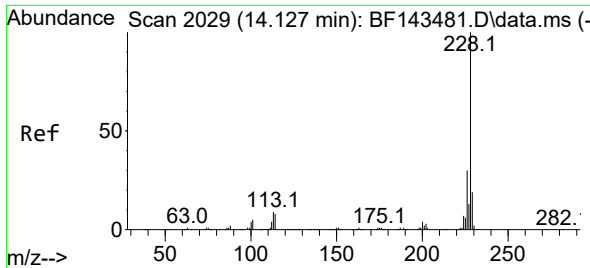
Tgt Ion:228 Resp: 551541
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 40.879 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:252 Resp: 167699
Ion Ratio Lower Upper
252 100
254 64.0 52.6 79.0
126 10.2 8.7 13.1

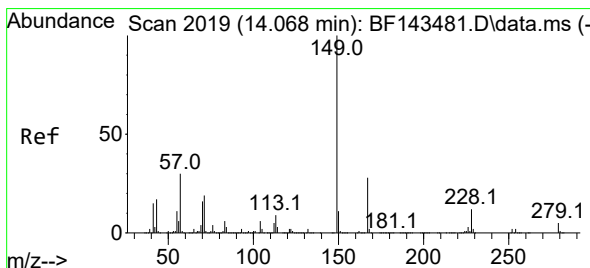
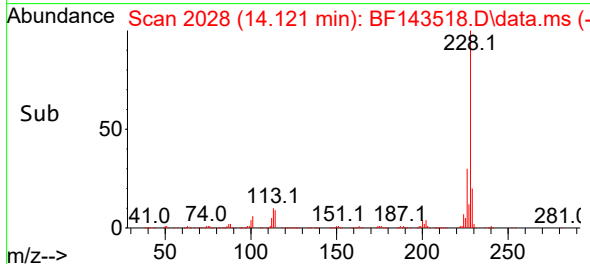
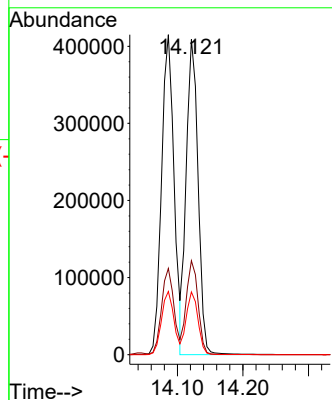
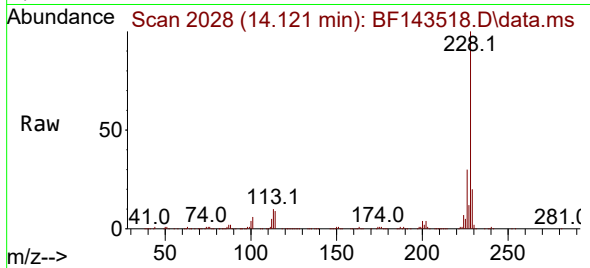




#83
Chrysene
Concen: 39.654 ng
RT: 14.121 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

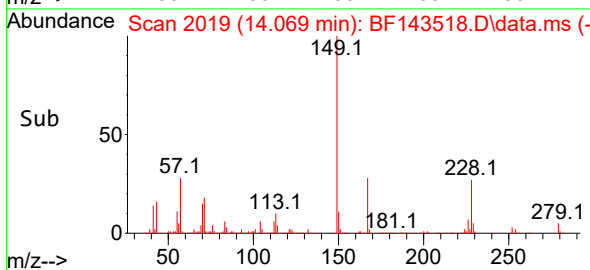
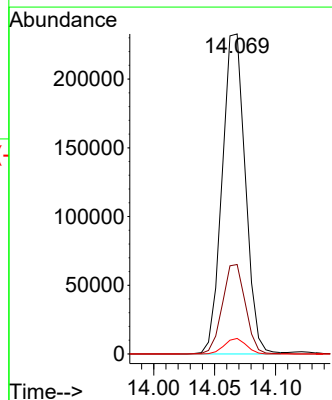
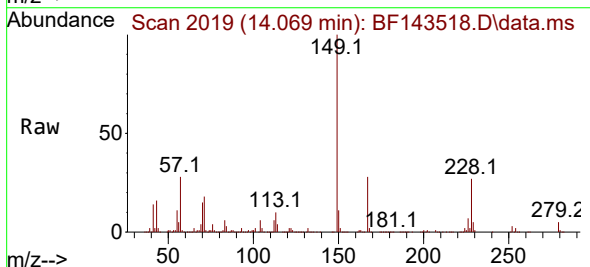
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

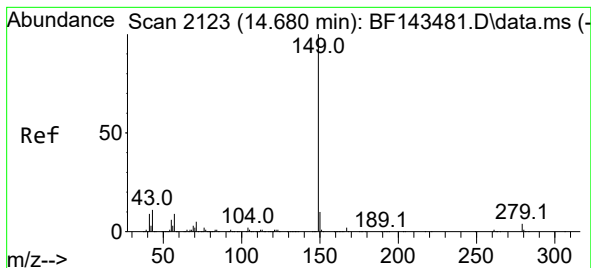
Tgt Ion:228 Resp: 510484
Ion Ratio Lower Upper
228 100
226 29.8 23.7 35.5
229 19.9 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.447 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:149 Resp: 308015
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.2
279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 39.064 ng

RT: 14.680 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

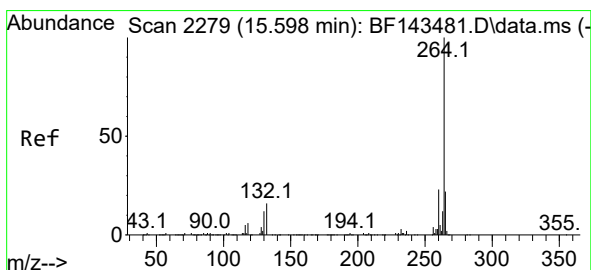
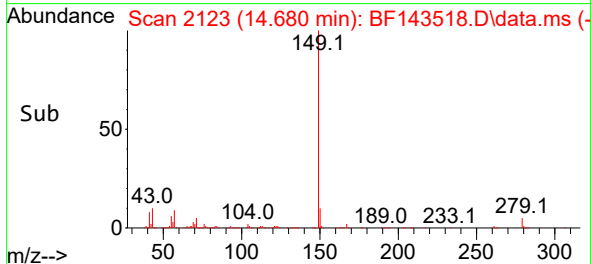
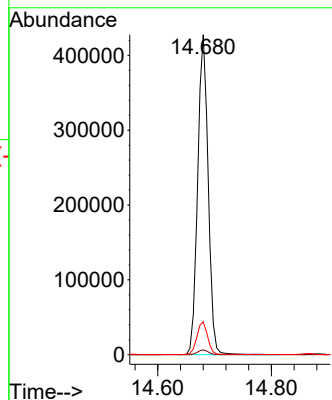
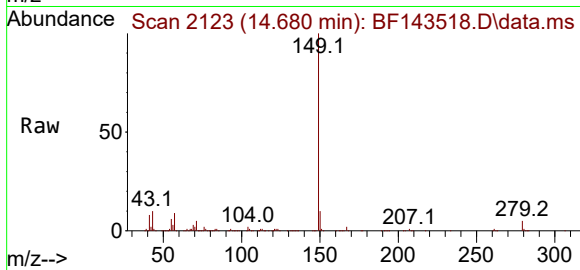
Tgt Ion:149 Resp: 551091

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.5 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

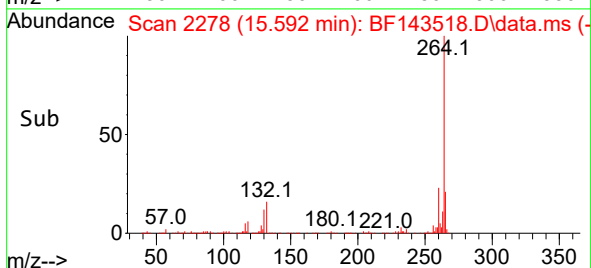
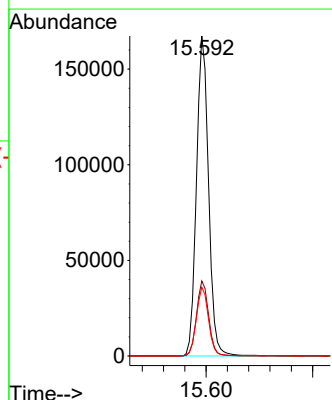
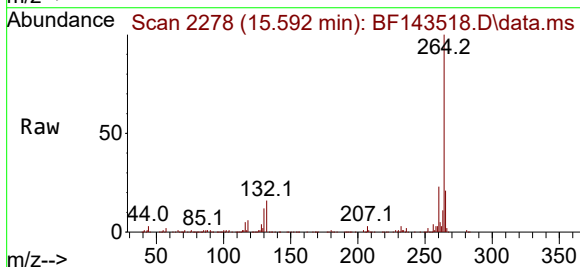
Tgt Ion:264 Resp: 262934

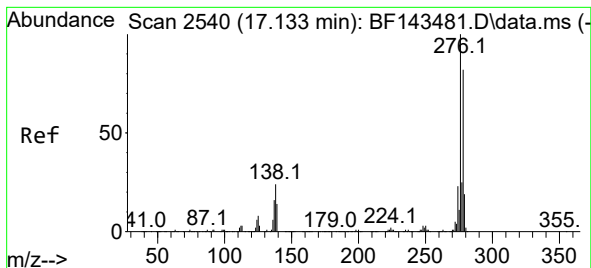
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.4 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.259 ng

RT: 17.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

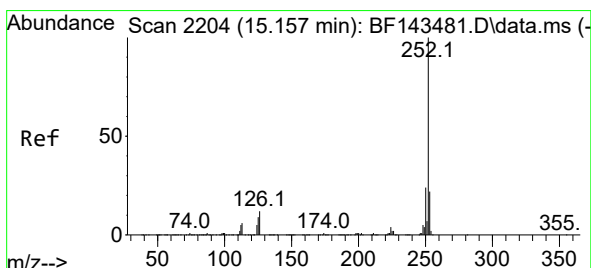
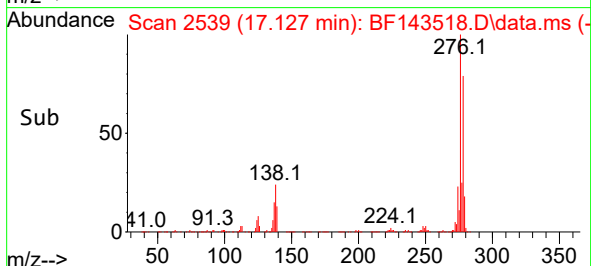
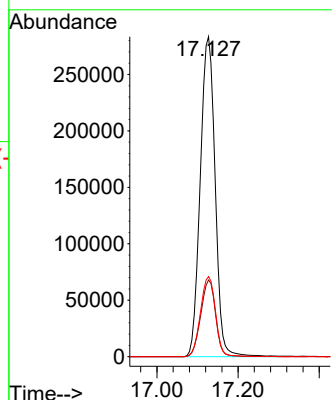
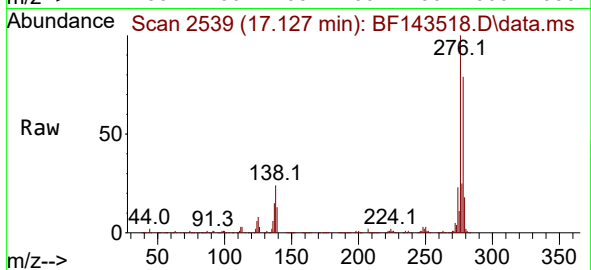
Tgt Ion:276 Resp: 722883

Ion Ratio Lower Upper

276 100

138 23.8 19.2 28.8

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.286 ng

RT: 15.151 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

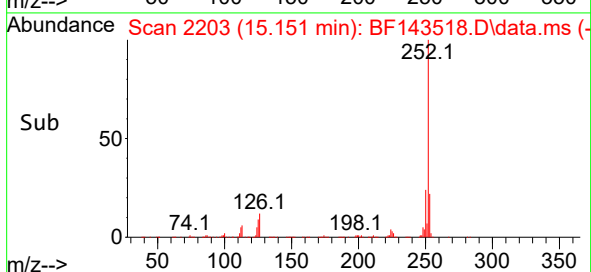
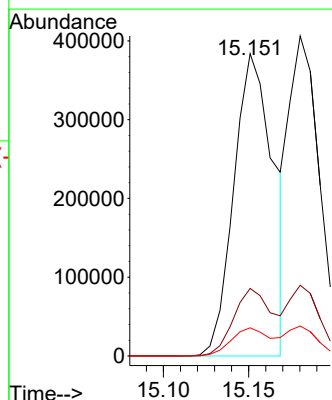
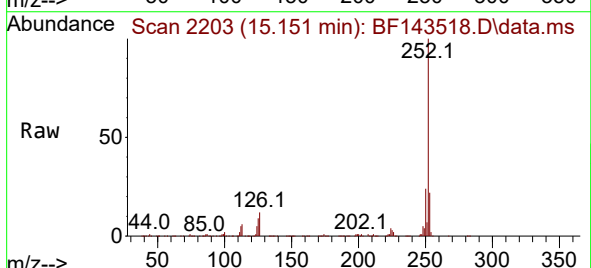
Tgt Ion:252 Resp: 618031

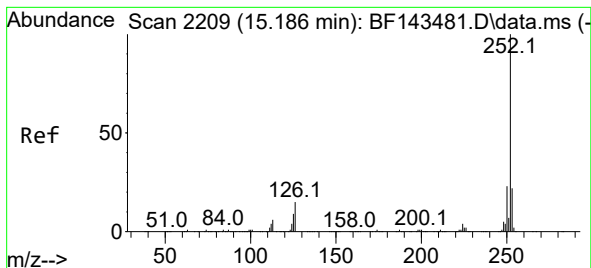
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 36.812 ng

RT: 15.180 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

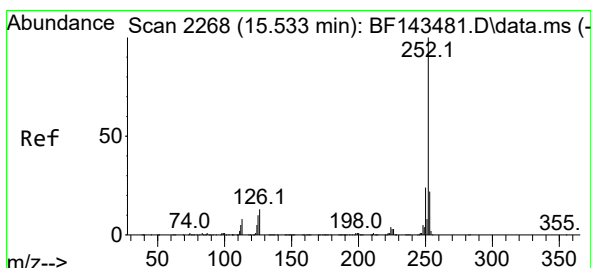
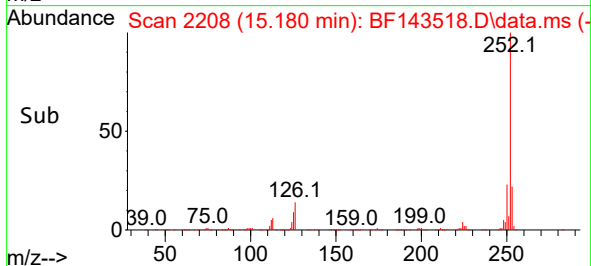
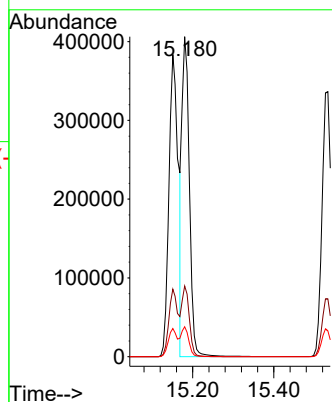
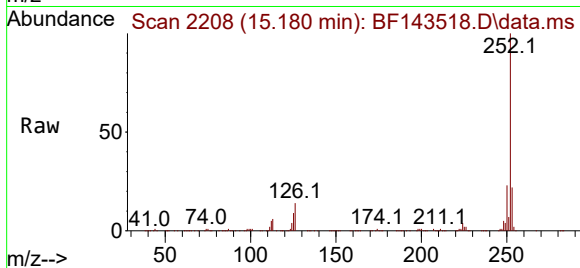
Tgt Ion:252 Resp: 515140

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 9.4 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.710 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143518.D

Acq: 21 Aug 2025 09:21

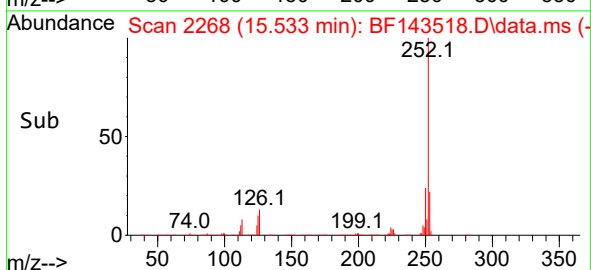
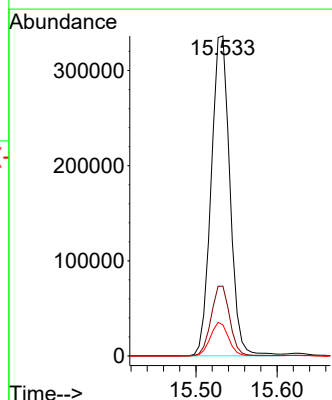
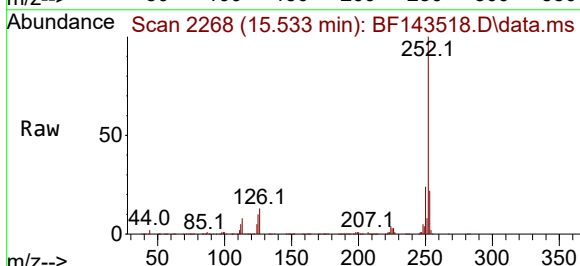
Tgt Ion:252 Resp: 538725

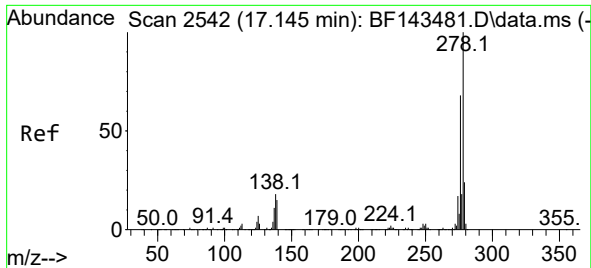
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.7 8.2 12.2

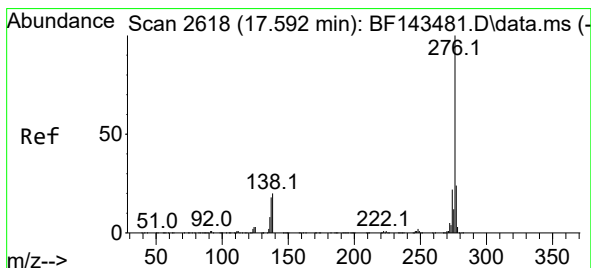
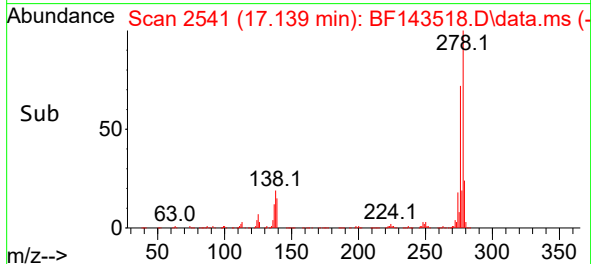
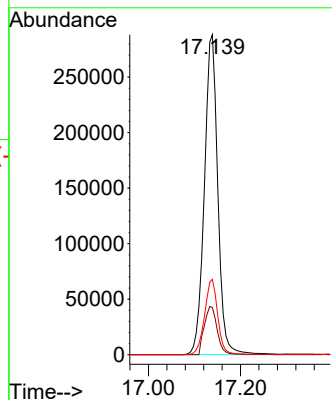
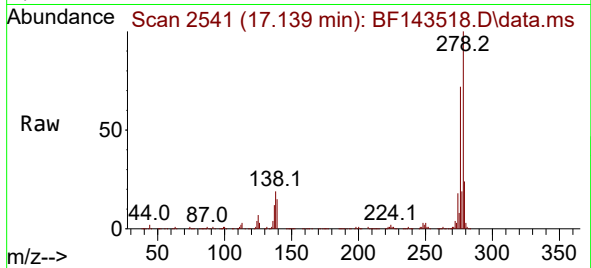




#91
Dibenzo(a,h)anthracene
Concen: 38.822 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 587454
Ion Ratio Lower Upper
278 100
139 14.8 12.1 18.1
279 23.5 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 36.878 ng
RT: 17.586 min Scan# 2617
Delta R.T. -0.018 min
Lab File: BF143518.D
Acq: 21 Aug 2025 09:21

Tgt Ion:276 Resp: 554893
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 20.1 16.3 24.5

