

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144452.D
 Acq On : 12 Dec 2025 15:28
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Dec 12 16:25:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	190052	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	767452	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	411966	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	673449	20.000	ng	0.00
76) Chrysene-d12	13.945	240	386587	20.000	ng	0.00
86) Perylene-d12	15.380	264	360724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1083881	85.992	ng	0.00
7) Phenol-d6	6.416	99	1341529	85.329	ng	0.00
23) Nitrobenzene-d5	7.357	82	1172507	95.606	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	345821	92.849	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2182061	81.255	ng	0.00
79) Terphenyl-d14	12.898	244	2108711	86.118	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	255353	42.131	ng	100
3) Pyridine	3.222	79	709684	42.582	ng	100
4) n-Nitrosodimethylamine	3.169	42	307177	42.411	ng	100
6) Aniline	6.457	93	929292	42.373	ng	100
8) 2-Chlorophenol	6.575	128	600991	44.473	ng	100
9) Benzaldehyde	6.346	77	551751	44.829	ng	100
10) Phenol	6.428	94	795979	42.898	ng	100
11) bis(2-Chloroethyl)ether	6.534	93	573969	42.320	ng	100
12) 1,3-Dichlorobenzene	6.734	146	624958	42.804	ng	100
13) 1,4-Dichlorobenzene	6.816	146	620183	42.335	ng	100
14) 1,2-Dichlorobenzene	6.963	146	585839	42.110	ng	100
15) Benzyl Alcohol	6.934	79	502116	43.330	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	950677	41.535	ng	100
17) 2-Methylphenol	7.040	107	491554	43.152	ng	100
18) Hexachloroethane	7.310	117	226199	44.439	ng	100
19) n-Nitroso-di-n-propyla...	7.210	70	425840	42.880	ng	100
20) 3+4-Methylphenols	7.198	107	602850	43.072	ng	100
22) Acetophenone	7.204	105	781325	41.045	ng	100
24) Nitrobenzene	7.375	77	626186	47.067	ng	100
25) Isophorone	7.616	82	1153641	41.681	ng	100
26) 2-Nitrophenol	7.692	139	261493	45.519	ng	100
27) 2,4-Dimethylphenol	7.728	122	564671	42.758	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	703767	41.265	ng	100
29) 2,4-Dichlorophenol	7.928	162	487497	44.426	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	499054	41.932	ng	100
31) Naphthalene	8.098	128	1690417	40.926	ng	100
32) Benzoic acid	7.828	122	344385	43.984	ng	100
33) 4-Chloroaniline	8.145	127	683314	41.158	ng	100
34) Hexachlorobutadiene	8.222	225	308930	41.980	ng	100
35) Caprolactam	8.516	113	156875	43.293	ng	100
36) 4-Chloro-3-methylphenol	8.622	107	510910	42.890	ng	100
37) 2-Methylnaphthalene	8.792	142	1115836	41.060	ng	100
38) 1-Methylnaphthalene	8.887	142	1091954	41.265	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	485409	41.401	ng	100
41) Hexachlorocyclopentadiene	8.945	237	316499	45.612	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	341830	45.911	ng	100

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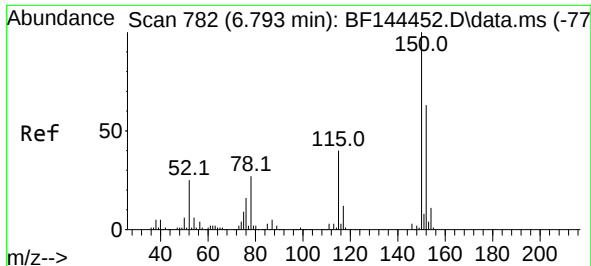
Quant Time: Dec 12 16:25:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	351041	44.921	ng	100
46) 1,1'-Biphenyl	9.257	154	1328637	41.269	ng	100
47) 2-Chloronaphthalene	9.281	162	1017338	41.393	ng	100
48) 2-Nitroaniline	9.369	65	305849	43.735	ng	100
49) Acenaphthylene	9.692	152	1628714	41.827	ng	100
50) Dimethylphthalate	9.551	163	1169920	42.042	ng	100
51) 2,6-Dinitrotoluene	9.616	165	225749	44.573	ng	100
52) Acenaphthene	9.863	154	1018229	41.939	ng	100
53) 3-Nitroaniline	9.781	138	270269	43.620	ng	100
54) 2,4-Dinitrophenol	9.881	184	88210	44.314	ng	100
55) Dibenzofuran	10.034	168	1418528	41.063	ng	100
56) 4-Nitrophenol	9.928	139	218713	46.153	ng	100
57) 2,4-Dinitrotoluene	10.010	165	306755	44.360	ng	100
58) Fluorene	10.381	166	1065011	40.714	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	279332	47.089	ng	100
60) Diethylphthalate	10.257	149	1120008	42.467	ng	100
61) 4-Chlorophenyl-phenylether	10.375	204	524766	40.888	ng	100
62) 4-Nitroaniline	10.392	138	265037	43.338	ng	100
63) Azobenzene	10.533	77	1158182	41.552	ng	100
65) 4,6-Dinitro-2-methylph...	10.422	198	133011	44.552	ng	100
66) n-Nitrosodiphenylamine	10.492	169	968011	41.944	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	331720	42.193	ng	100
68) Hexachlorobenzene	10.922	284	362260	41.741	ng	100
69) Atrazine	11.016	200	311574	43.101	ng	100
70) Pentachlorophenol	11.110	266	223945	45.238	ng	100
71) Phenanthrene	11.339	178	1588125	40.905	ng	100
72) Anthracene	11.386	178	1616231	41.130	ng	100
73) Carbazole	11.539	167	1406525	41.231	ng	100
74) Di-n-butylphthalate	11.880	149	1576372	43.228	ng	100
75) Fluoranthene	12.522	202	1553400	40.518	ng	100
77) Benzidine	12.645	184	600306	43.610	ng	100
78) Pyrene	12.751	202	1566798	44.237	ng	100
80) Butylbenzylphthalate	13.374	149	487389	42.023	ng	100
81) Benzo(a)anthracene	13.933	228	1117370	41.044	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	332184	43.061	ng	100
83) Chrysene	13.974	228	1075980	43.186	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	567028	41.968	ng	100
85) Di-n-octyl phthalate	14.551	149	852676	41.605	ng	100
87) Indeno(1,2,3-cd)pyrene	16.798	276	1260621	48.688	ng	100
88) Benzo(b)fluoranthene	14.968	252	987066	41.682	ng	100
89) Benzo(k)fluoranthene	14.992	252	903266	40.339	ng	100
90) Benzo(a)pyrene	15.321	252	883775	42.696	ng	100
91) Dibenzo(a,h)anthracene	16.821	278	1022278	48.889	ng	100
92) Benzo(g,h,i)perylene	17.227	276	1027362	48.321	ng	100

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

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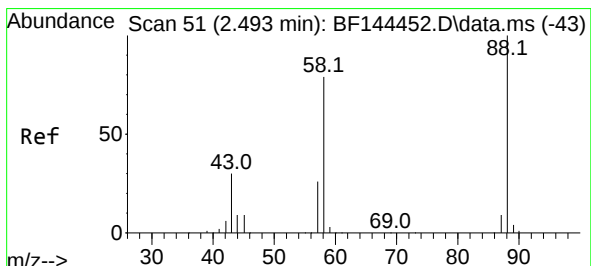
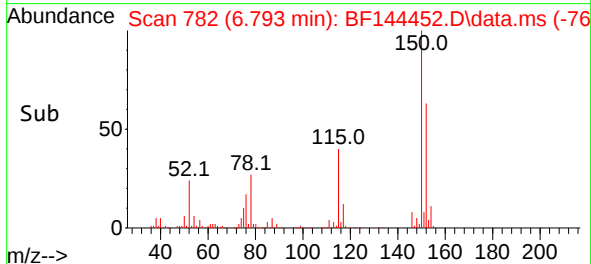
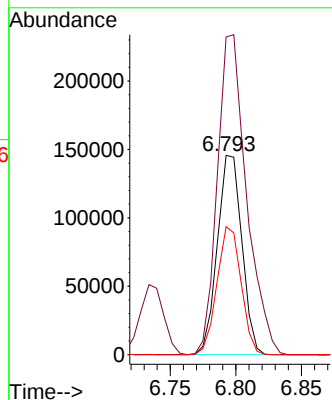
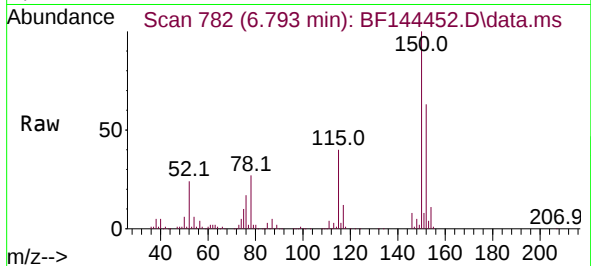




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: BF144452.D
 Acq: 12 Dec 2025 15:28

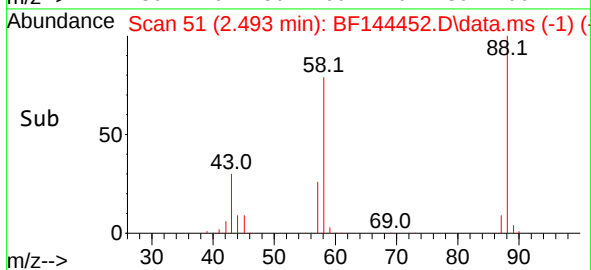
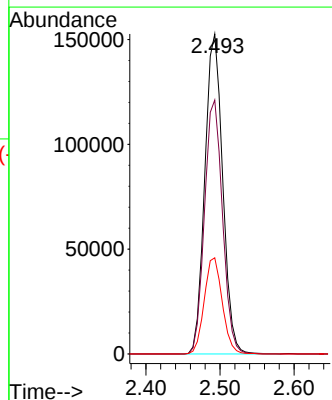
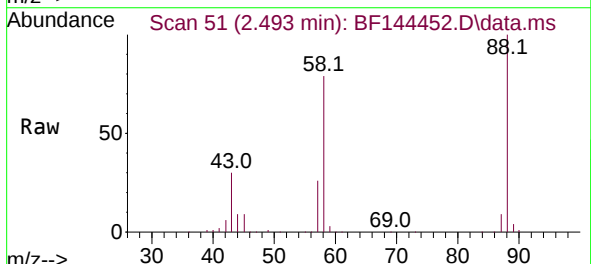
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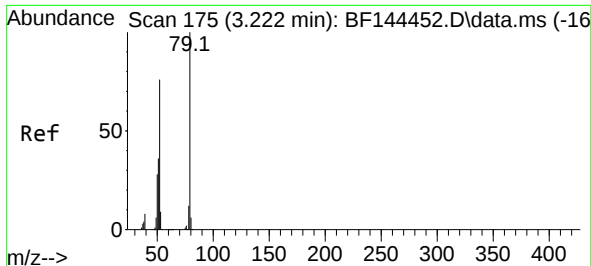
Tgt Ion:152 Resp: 190052
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.4 191.2
 115 64.2 51.4 77.0



#2
 1,4-Dioxane
 Concen: 42.131 ng
 RT: 2.493 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BF144452.D
 Acq: 12 Dec 2025 15:28

Tgt Ion: 88 Resp: 255353
 Ion Ratio Lower Upper
 88 100
 58 79.9 63.9 95.9
 43 30.3 24.2 36.4

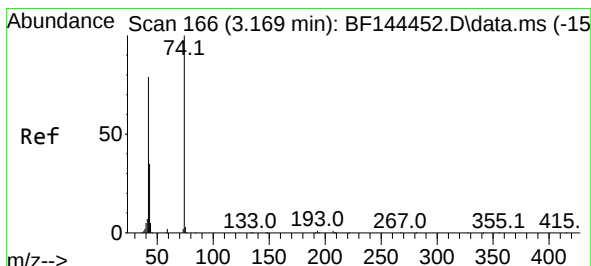
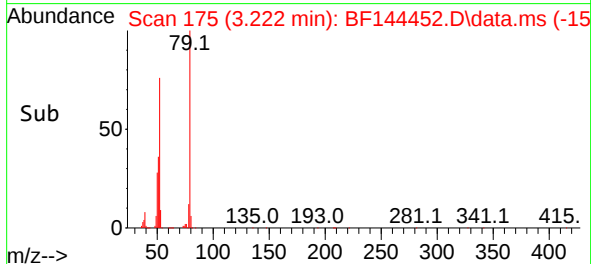
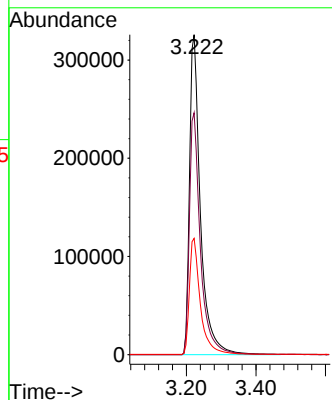
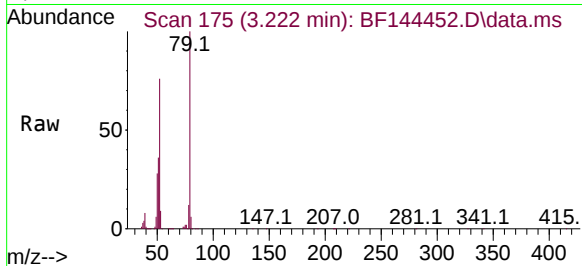




#3
Pyridine
Concen: 42.582 ng
RT: 3.222 min Scan# 175
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

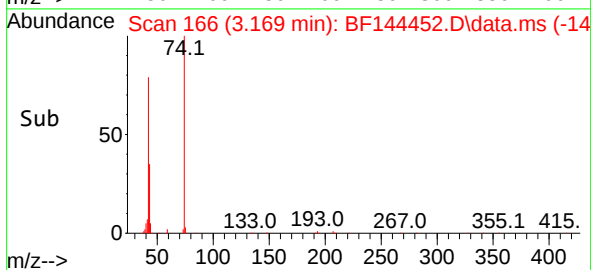
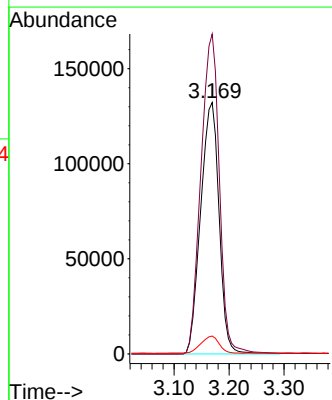
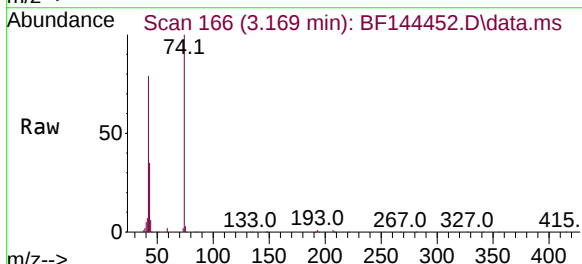
Instrument :
BNA_F
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SSTDICCC040

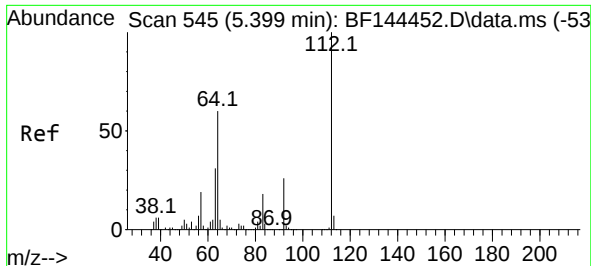
Tgt Ion: 79 Resp: 709684
Ion Ratio Lower Upper
79 100
52 75.6 60.5 90.7
51 36.3 29.0 43.6



#4
n-Nitrosodimethylamine
Concen: 42.411 ng
RT: 3.169 min Scan# 166
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion: 42 Resp: 307177
Ion Ratio Lower Upper
42 100
74 127.3 101.8 152.8
44 7.1 5.7 8.5

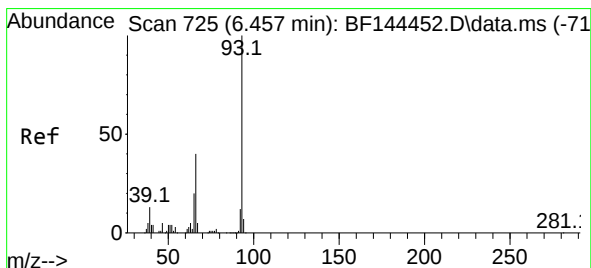
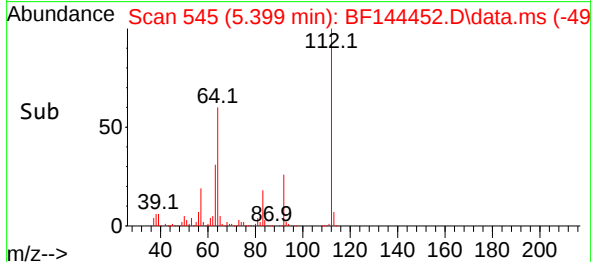
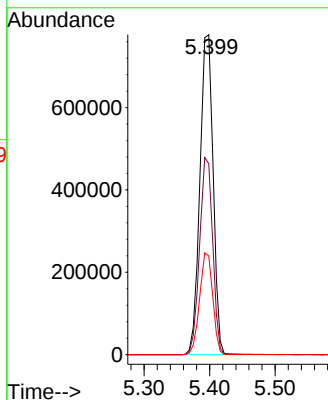
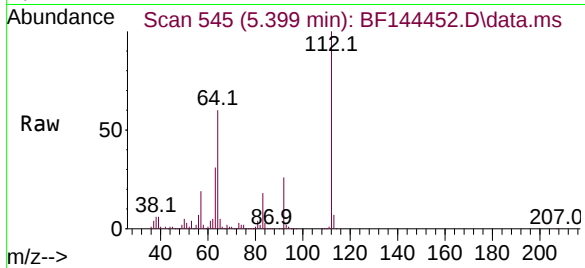




#5
2-Fluorophenol
Concen: 85.992 ng
RT: 5.399 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

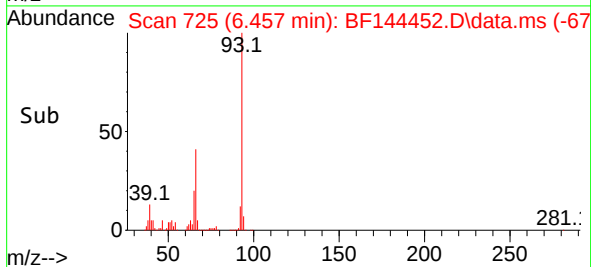
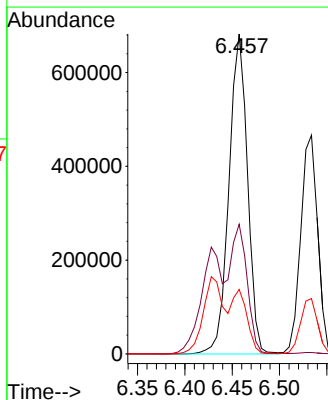
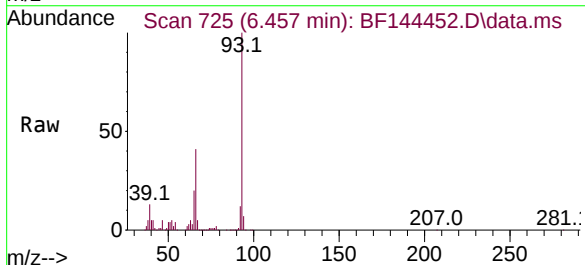
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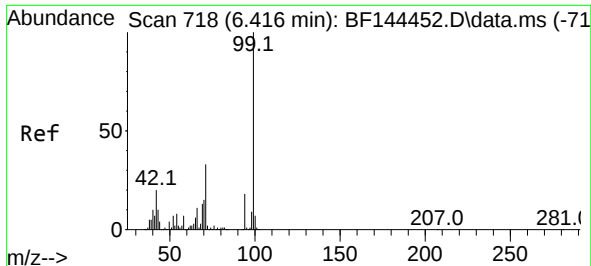
Tgt Ion:112 Resp: 1083881
Ion Ratio Lower Upper
112 100
64 59.7 47.8 71.6
63 30.8 24.6 37.0



#6
Aniline
Concen: 42.373 ng
RT: 6.457 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion: 93 Resp: 929292
Ion Ratio Lower Upper
93 100
66 40.5 32.4 48.6
65 20.1 16.1 24.1





#7

Phenol-d6

Concen: 85.329 ng

RT: 6.416 min Scan# 718

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

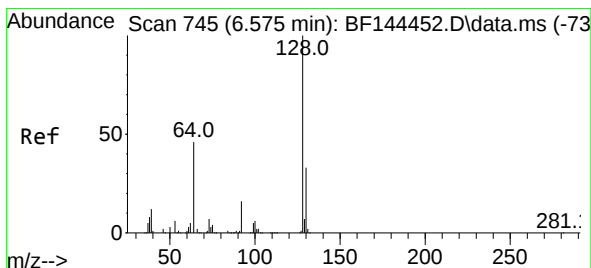
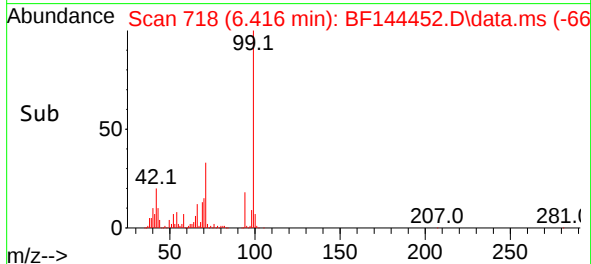
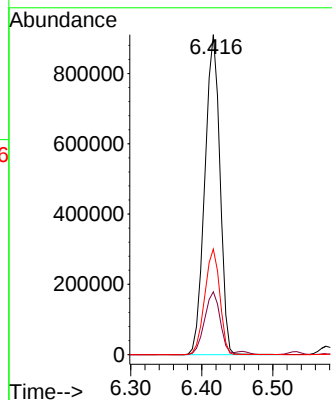
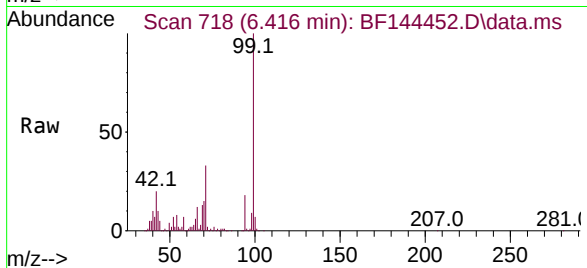
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 1341529

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.7	23.5
71	33.0	26.4	39.6



#8

2-Chlorophenol

Concen: 44.473 ng

RT: 6.575 min Scan# 745

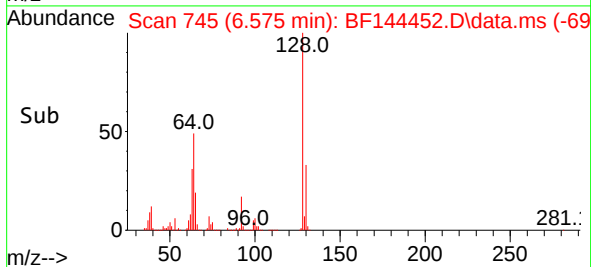
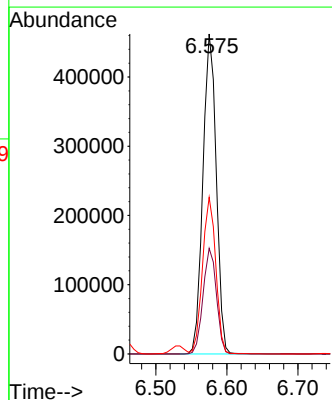
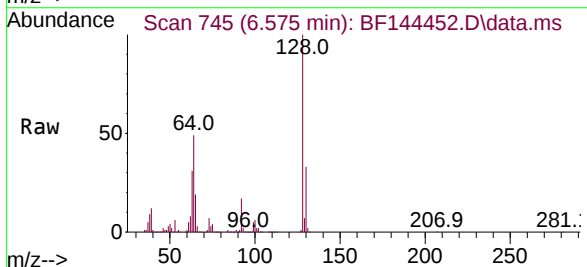
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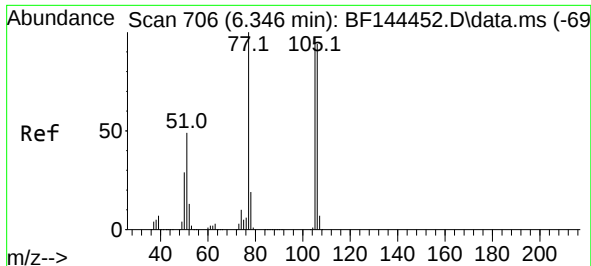
Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Tgt Ion: 128 Resp: 600991

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	48.9	28.9	68.9

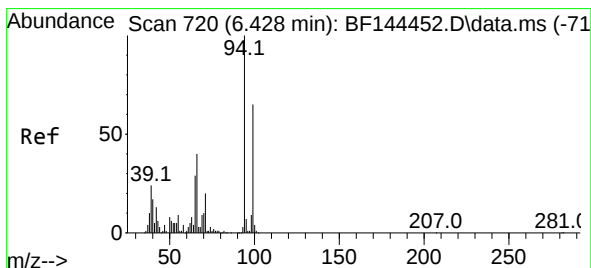
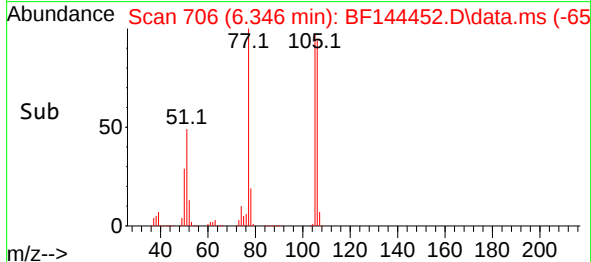
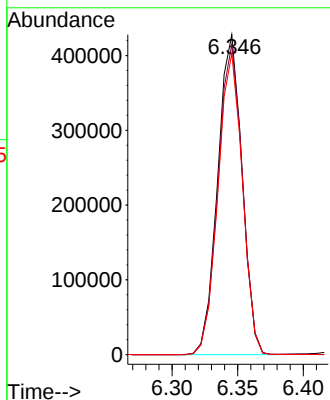
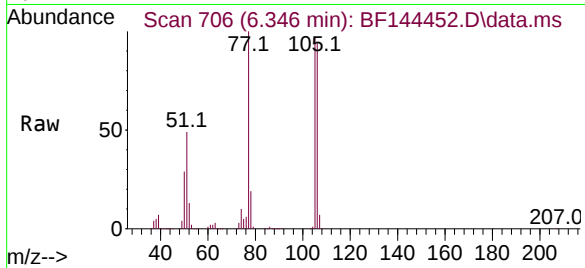




#9
Benzaldehyde
Concen: 44.829 ng
RT: 6.346 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

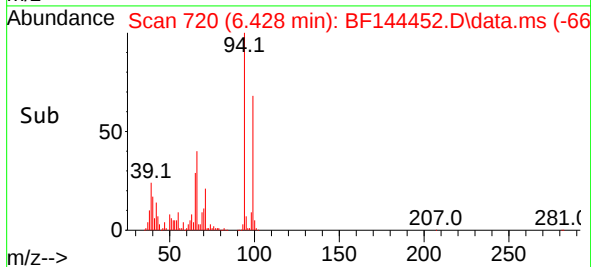
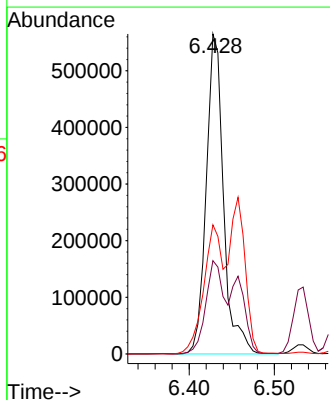
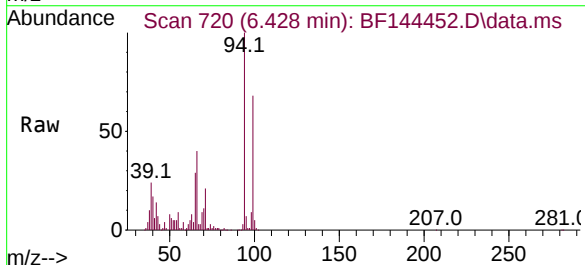
Instrument :
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ClientSampleId :
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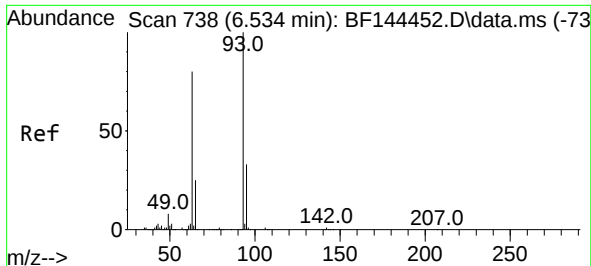
Tgt Ion: 77 Resp: 551751
Ion Ratio Lower Upper
77 100
105 97.0 77.0 117.0
106 94.1 74.1 114.1



#10
Phenol
Concen: 42.898 ng
RT: 6.428 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion: 94 Resp: 795979
Ion Ratio Lower Upper
94 100
65 29.1 9.1 49.1
66 40.3 20.3 60.3

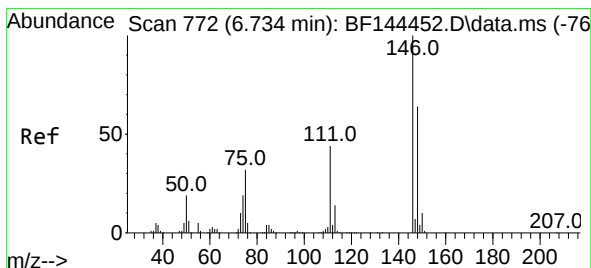
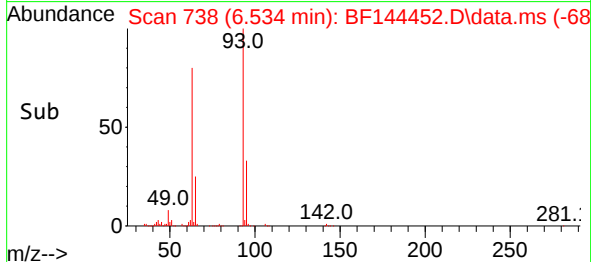
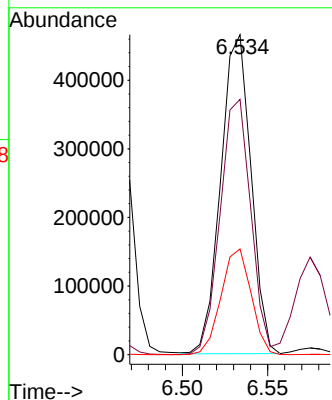
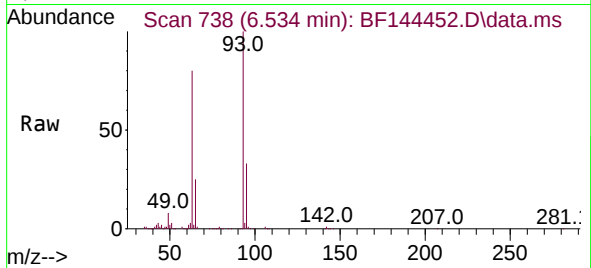




#11
bis(2-Chloroethyl)ether
Concen: 42.320 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

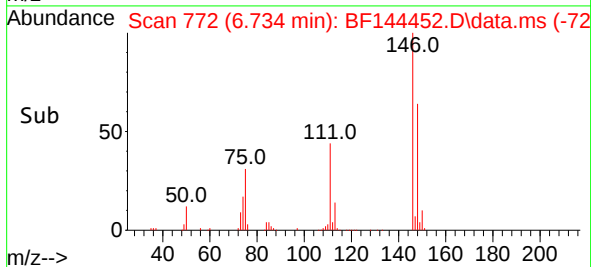
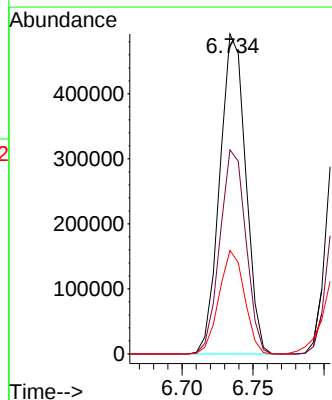
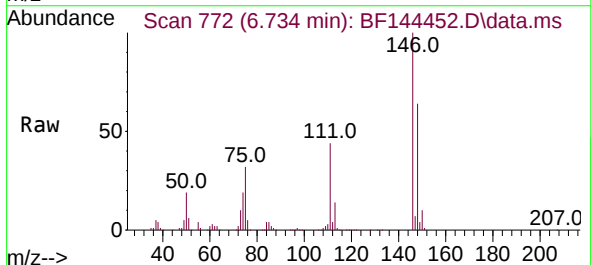
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

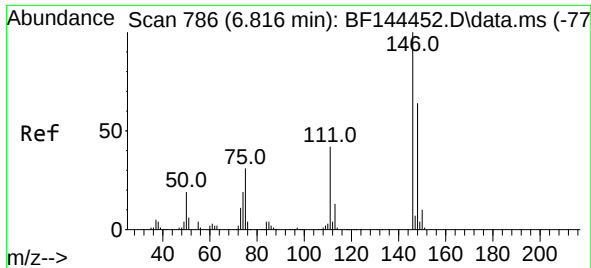
Tgt Ion: 93 Resp: 573969
Ion Ratio Lower Upper
93 100
63 79.8 59.8 99.8
95 33.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 42.804 ng
RT: 6.734 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion: 146 Resp: 624958
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
75 32.3 25.8 38.8

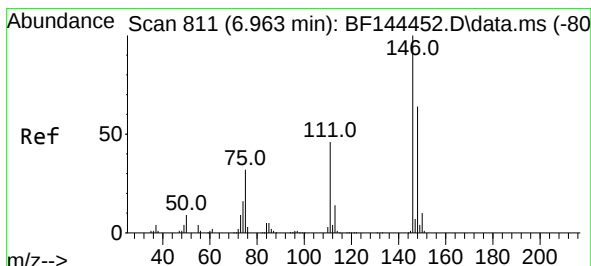
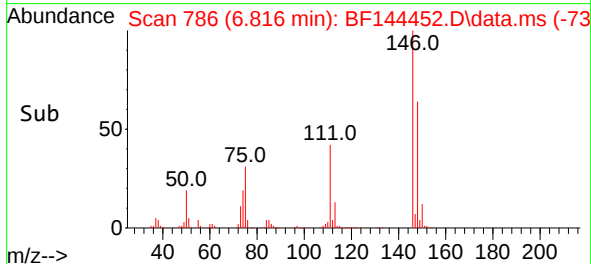
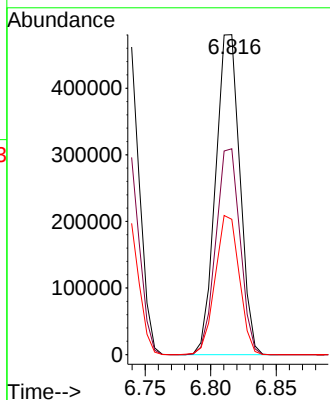
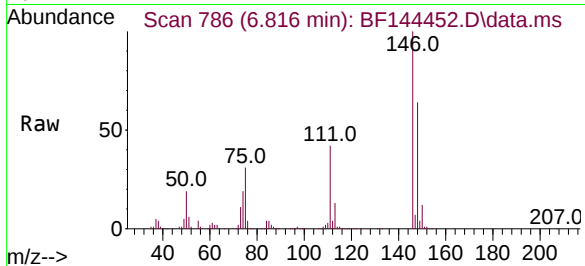




#13
1,4-Dichlorobenzene
Concen: 42.335 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

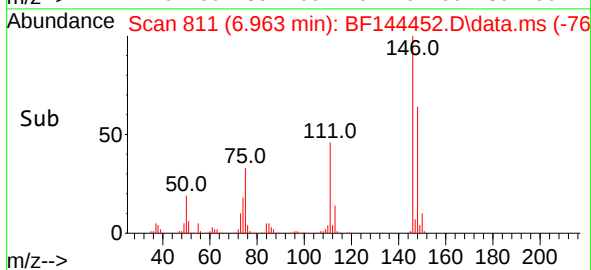
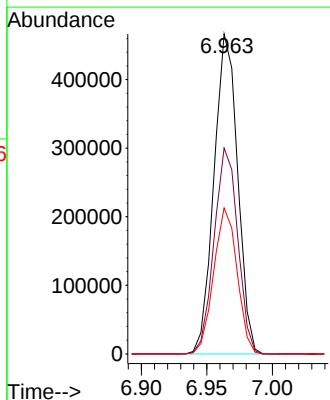
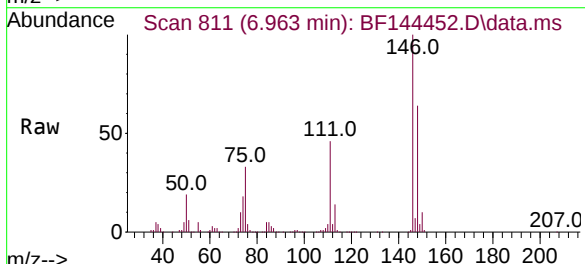
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

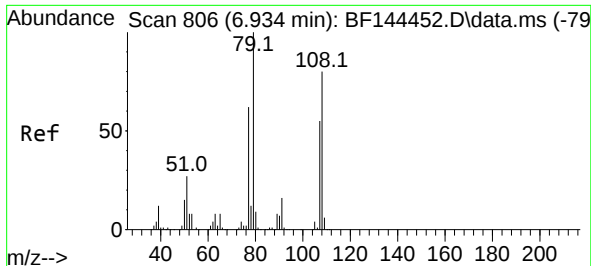
Tgt Ion:146 Resp: 620183
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 42.3 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 42.110 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:146 Resp: 585839
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 45.6 36.5 54.7

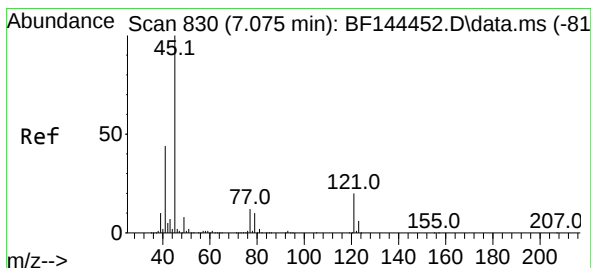
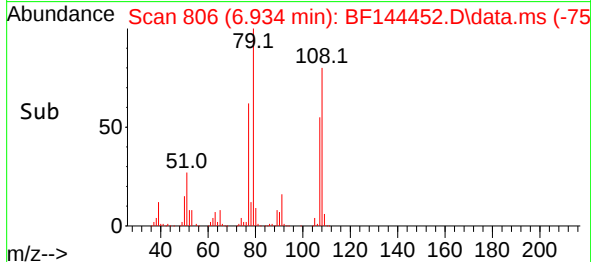
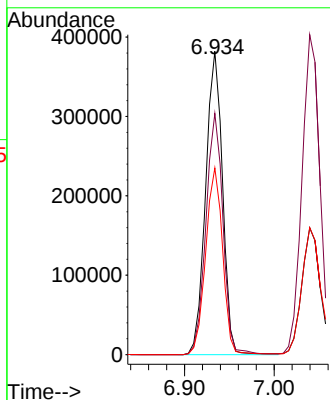
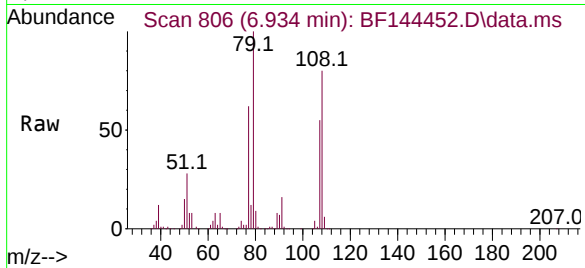




#15
Benzyl Alcohol
Concen: 43.330 ng
RT: 6.934 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

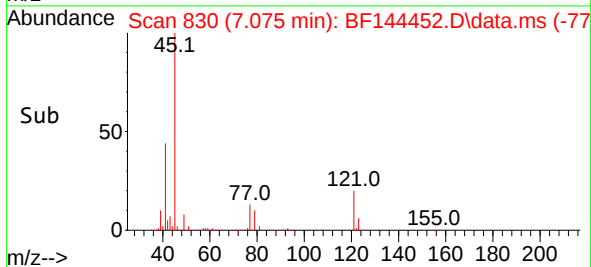
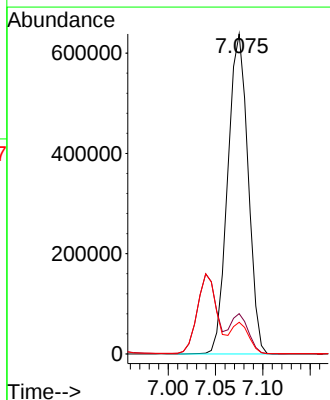
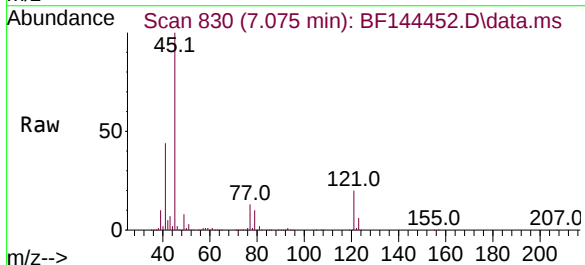
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

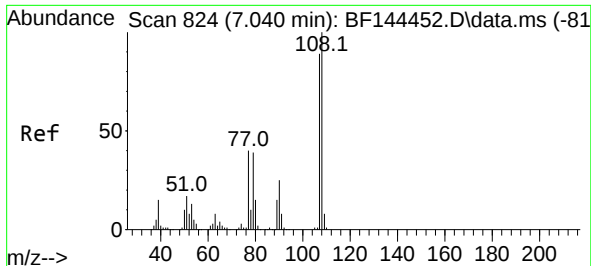
Tgt Ion: 79 Resp: 502116
Ion Ratio Lower Upper
79 100
108 79.6 63.7 95.5
77 61.6 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.535 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion: 45 Resp: 950677
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.6
79 9.9 0.0 29.9

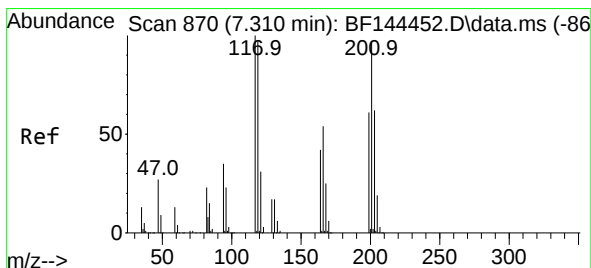
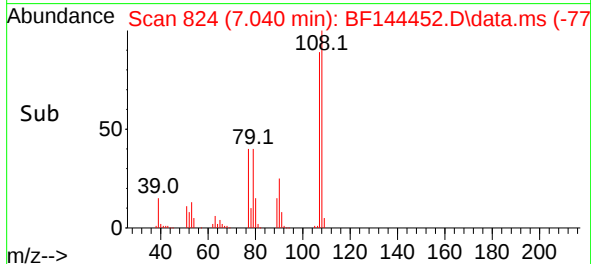
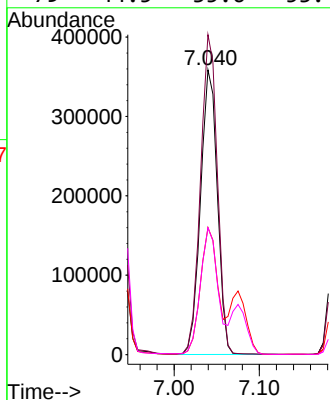
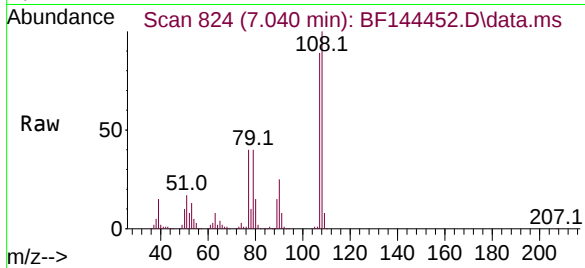




#17
2-Methylphenol
Concen: 43.152 ng
RT: 7.040 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

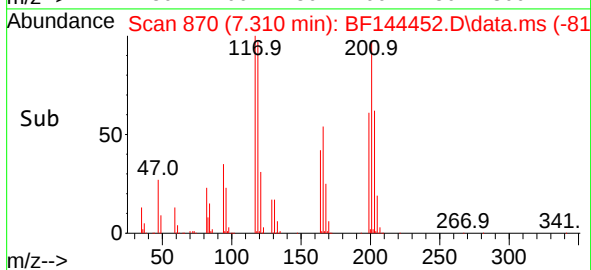
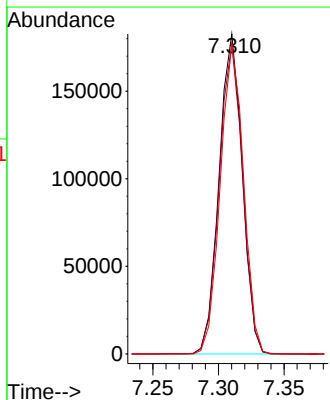
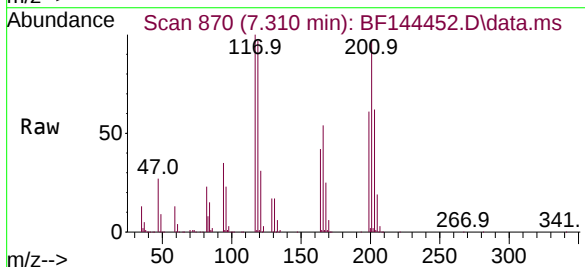
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

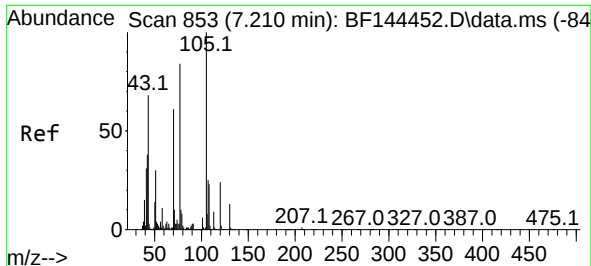
Tgt Ion:	107	Resp:	491554
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.9	134.9
77	44.6	35.7	53.5
79	44.5	35.6	53.4



#18
Hexachloroethane
Concen: 44.439 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:	117	Resp:	226199
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.5	116.3
201	96.6	77.3	115.9

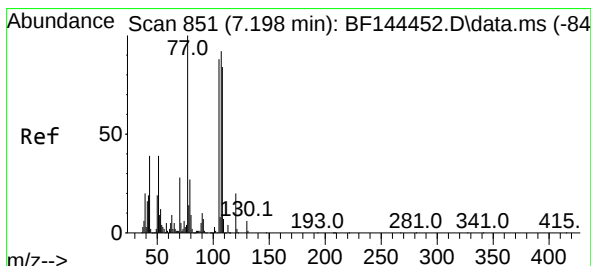
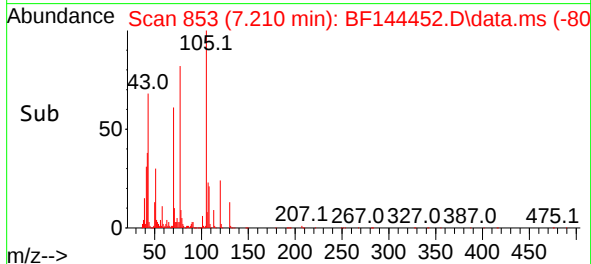
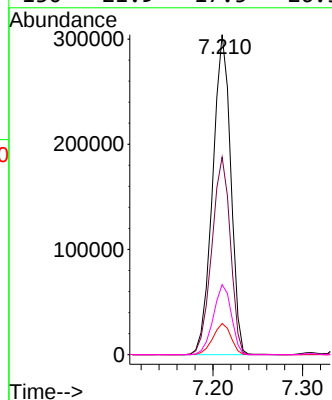
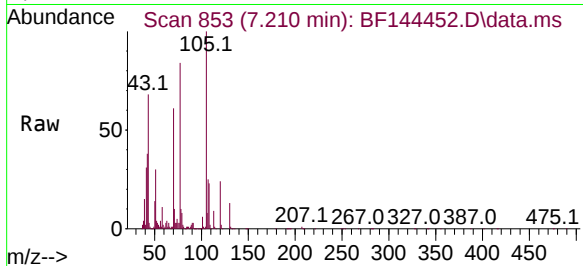




#19
n-Nitroso-di-n-propylamine
Concen: 42.880 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

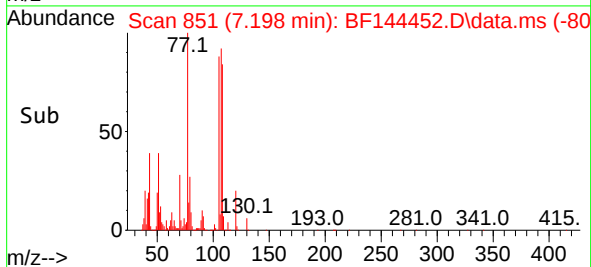
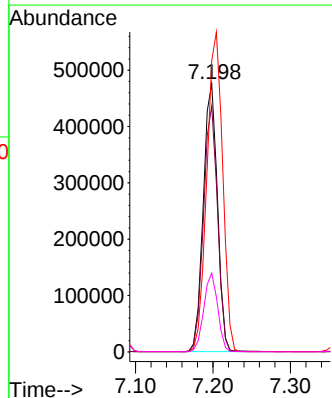
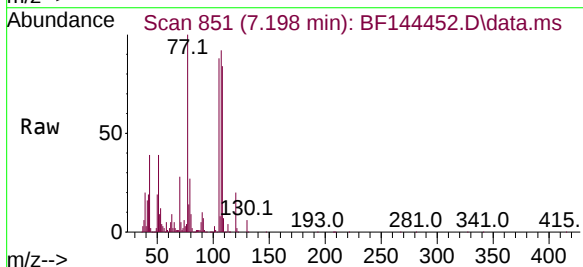
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

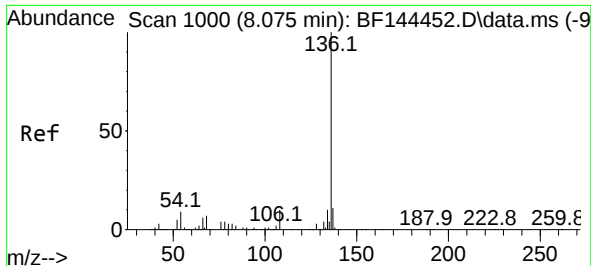
Tgt Ion:	70	Resp:	425840
Ion	Ratio	Lower	Upper
70	100		
42	61.7	49.4	74.0
101	9.7	7.8	11.6
130	21.9	17.5	26.3



#20
3+4-Methylphenols
Concen: 43.072 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:	107	Resp:	602850
Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	108.5	88.5	128.5
79	29.3	9.3	49.3

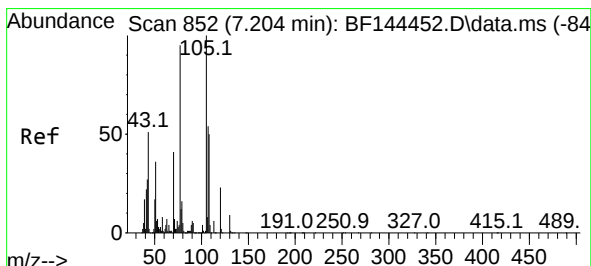
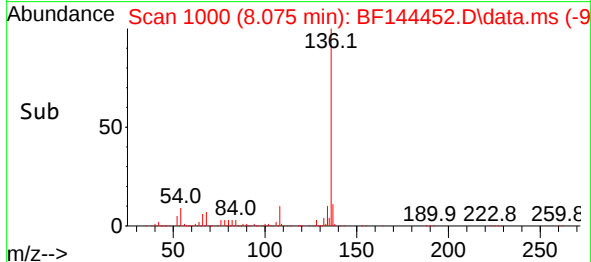
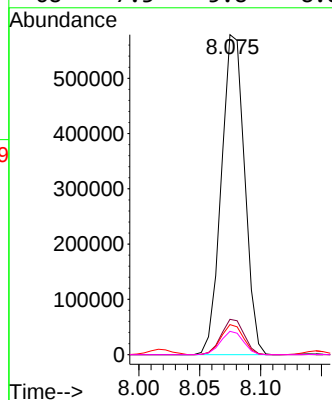
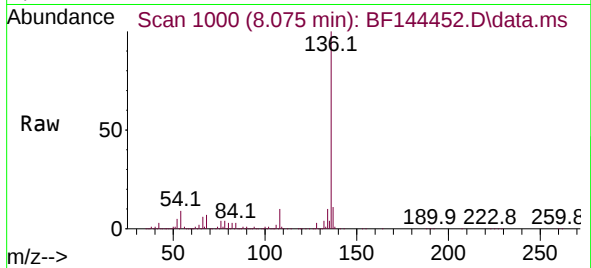




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

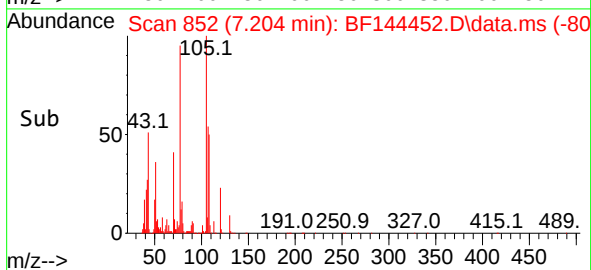
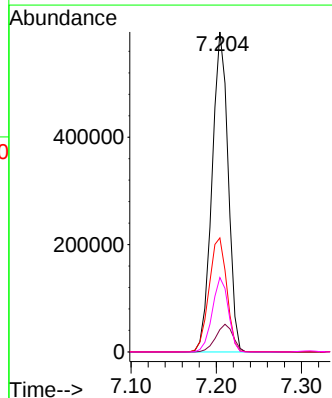
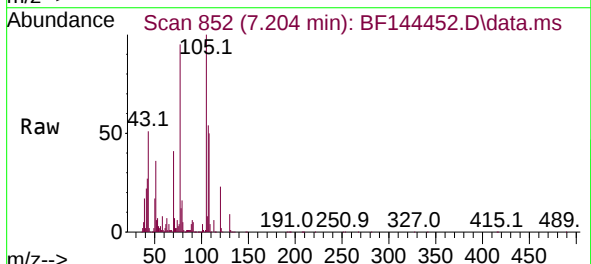
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

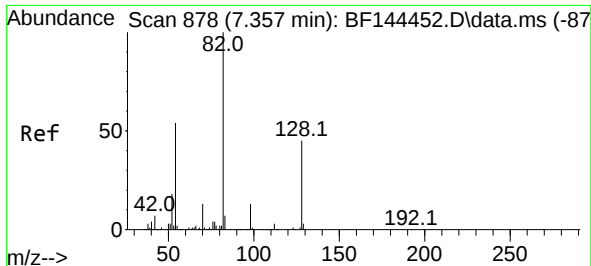
Tgt Ion:	136	Resp:	767452
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.4	7.5	11.3
68	7.3	5.8	8.8



#22
Acetophenone
Concen: 41.045 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:	105	Resp:	781325
Ion Ratio	Lower	Upper	
105	100		
71	7.0	5.6	8.4
51	35.7	28.6	42.8
120	23.2	18.6	27.8

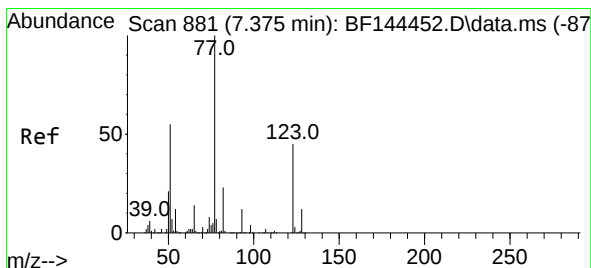
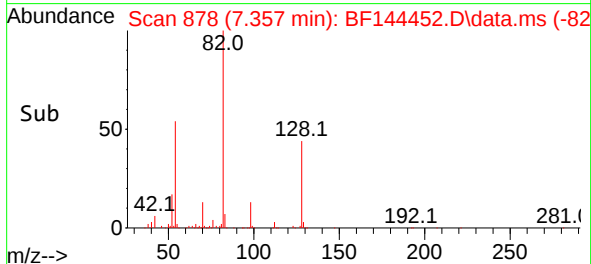
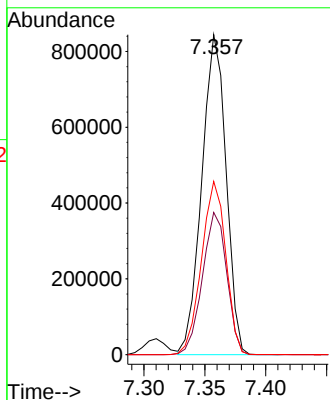
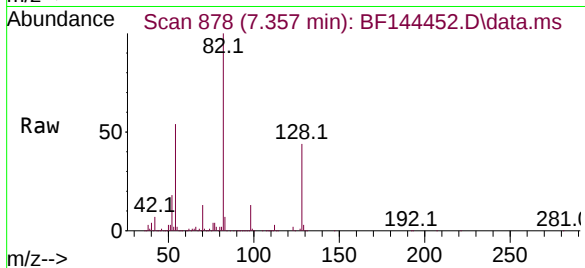




#23
Nitrobenzene-d5
Concen: 95.606 ng
RT: 7.357 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

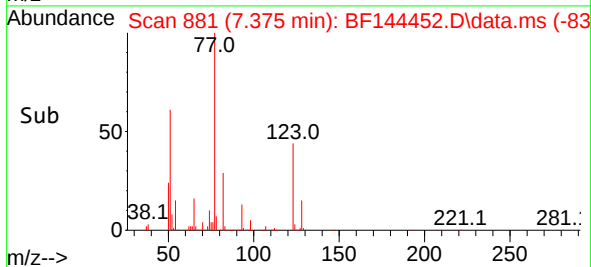
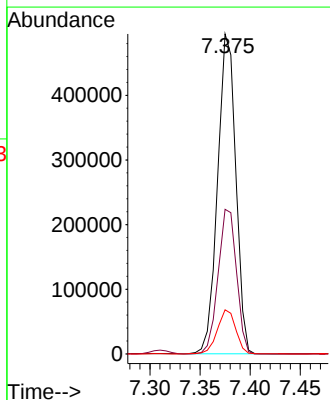
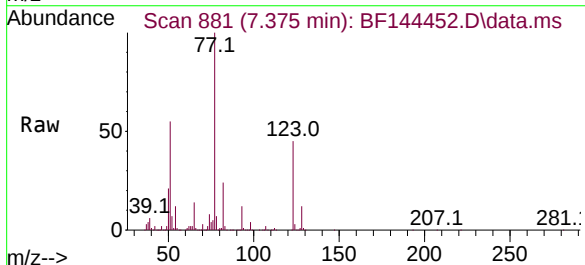
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

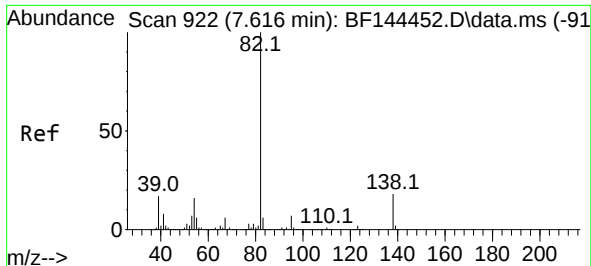
Tgt Ion: 82 Resp: 1172507
Ion Ratio Lower Upper
82 100
128 44.4 35.5 53.3
54 54.1 43.3 64.9



#24
Nitrobenzene
Concen: 47.067 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion: 77 Resp: 626186
Ion Ratio Lower Upper
77 100
123 45.2 36.2 54.2
65 13.8 11.0 16.6

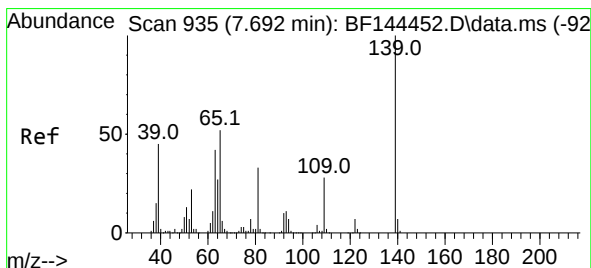
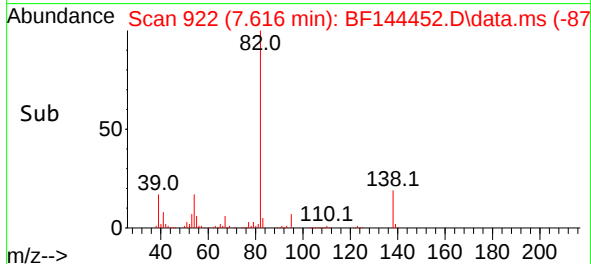
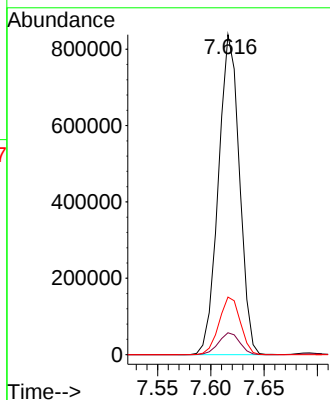
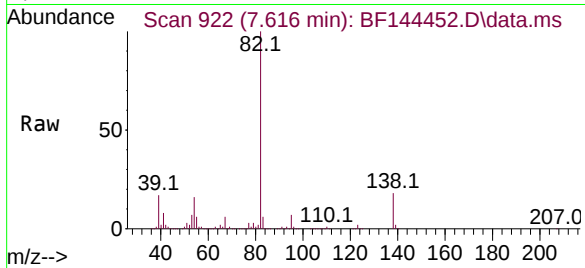




#25
Isophorone
Concen: 41.681 ng
RT: 7.616 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

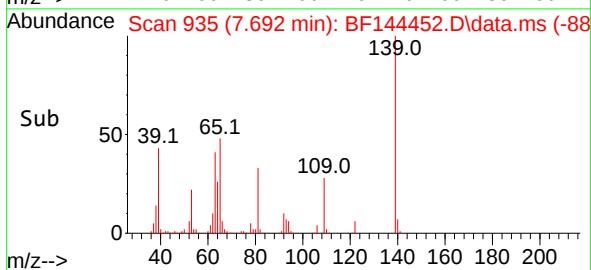
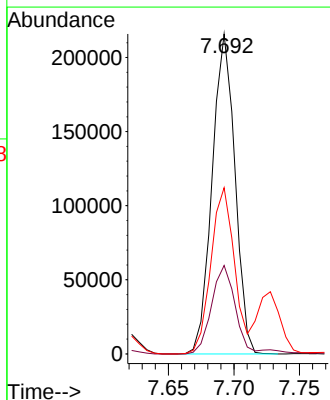
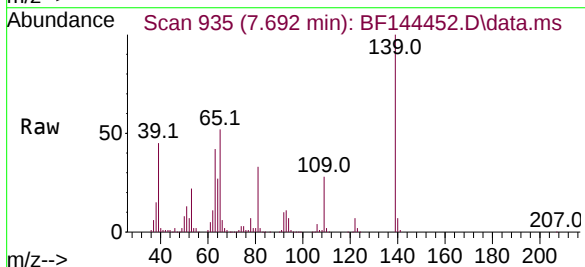
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

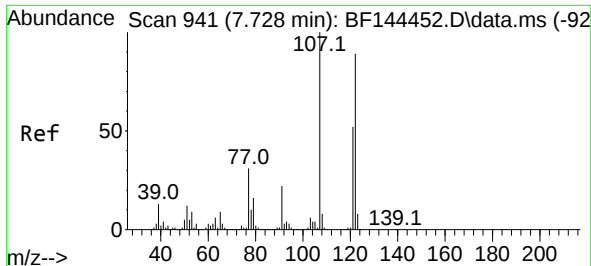
Tgt Ion: 82 Resp: 1153641
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.0 14.4 21.6



#26
2-Nitrophenol
Concen: 45.519 ng
RT: 7.692 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion: 139 Resp: 261493
Ion Ratio Lower Upper
139 100
109 27.6 22.1 33.1
65 51.9 41.5 62.3





#27

2,4-Dimethylphenol

Concen: 42.758 ng

RT: 7.728 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

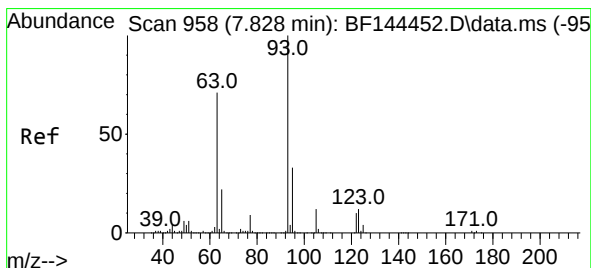
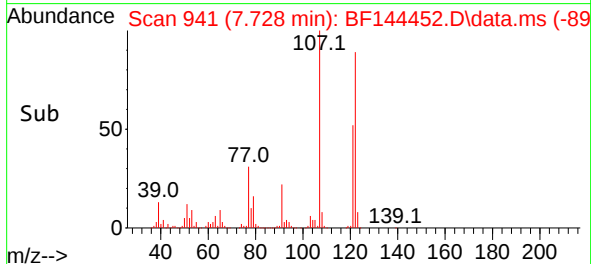
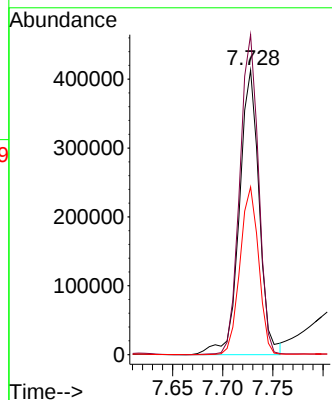
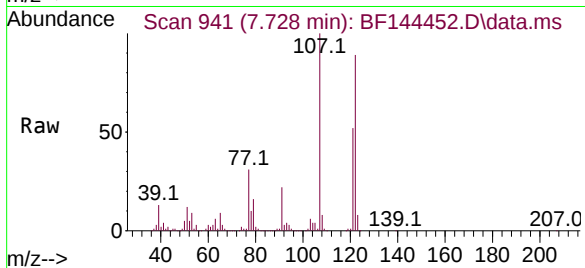
Tgt Ion:122 Resp: 564671

Ion Ratio Lower Upper

122 100

107 112.5 90.0 135.0

121 58.9 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 41.265 ng

RT: 7.828 min Scan# 958

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

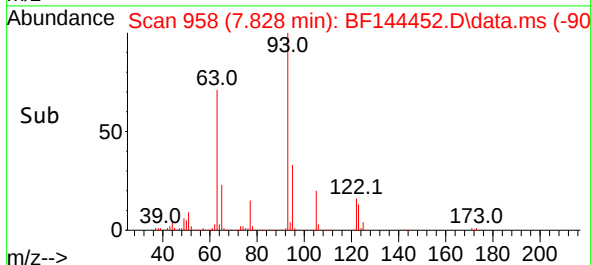
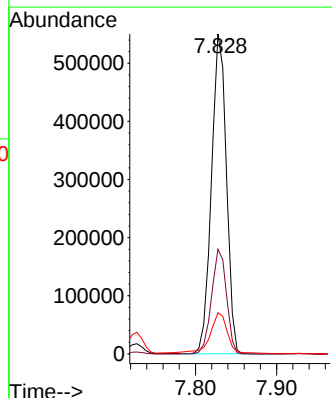
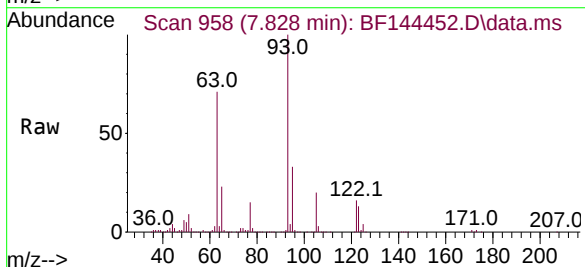
Tgt Ion: 93 Resp: 703767

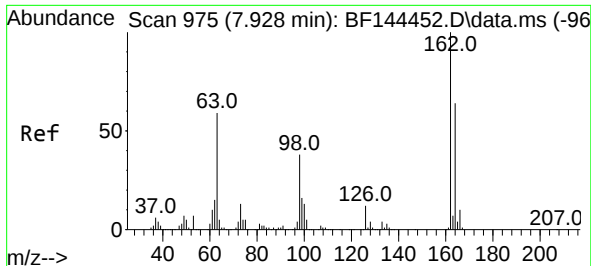
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.426 ng

RT: 7.928 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

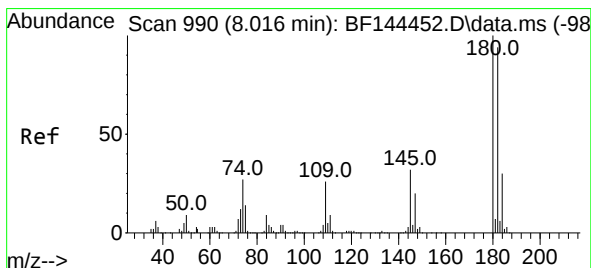
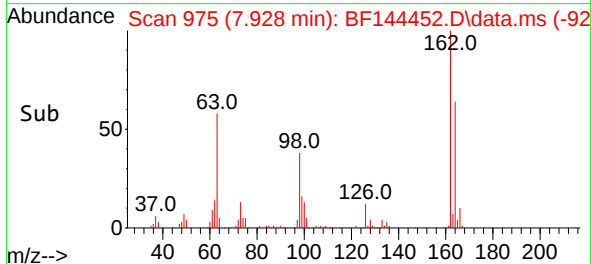
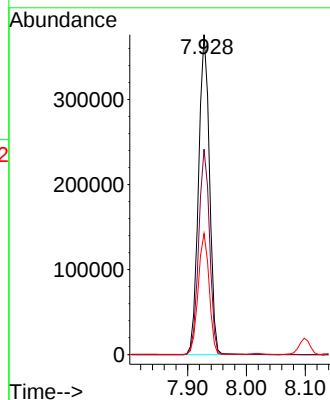
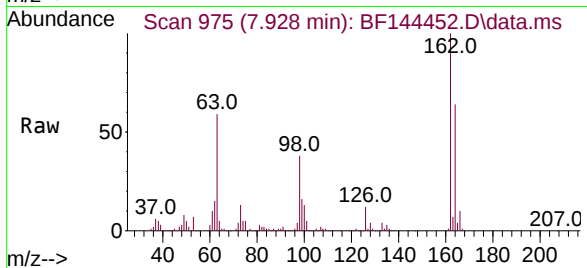
Tgt Ion:162 Resp: 487497

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 37.8 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 41.932 ng

RT: 8.016 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

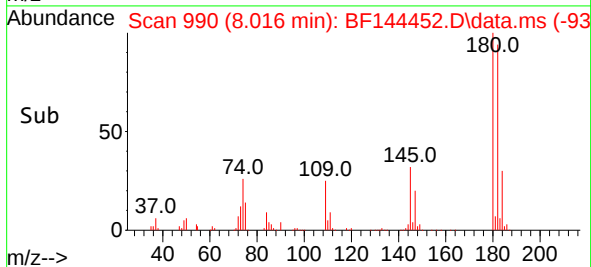
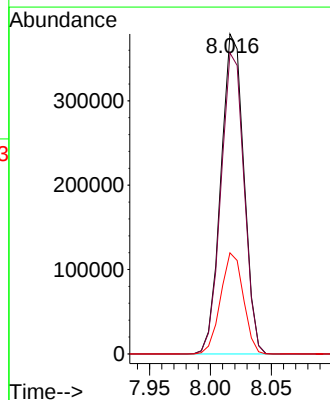
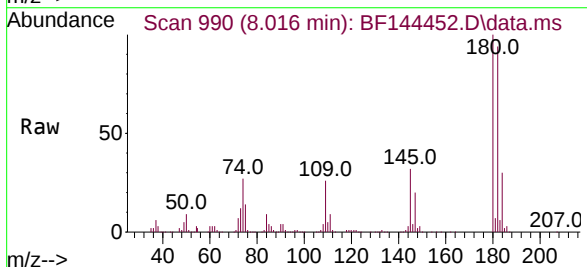
Tgt Ion:180 Resp: 499054

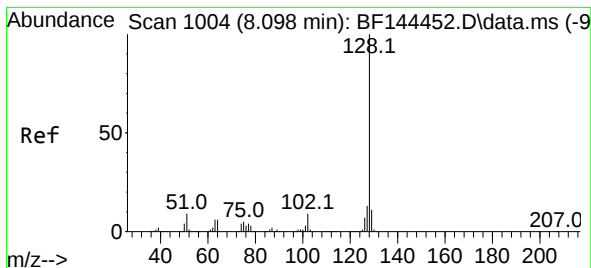
Ion Ratio Lower Upper

180 100

182 94.0 75.2 112.8

145 31.6 25.3 37.9





#31

Naphthalene

Concen: 40.926 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

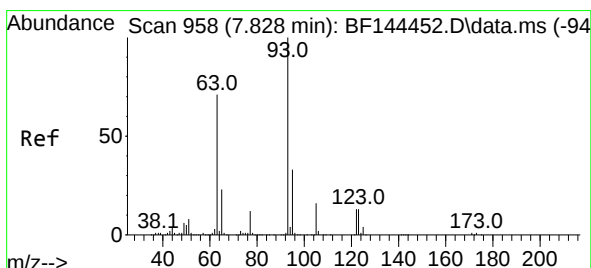
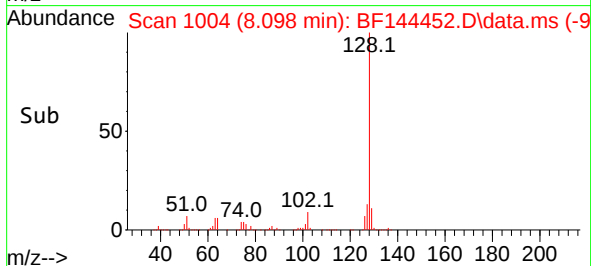
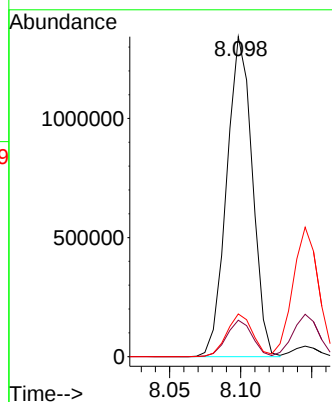
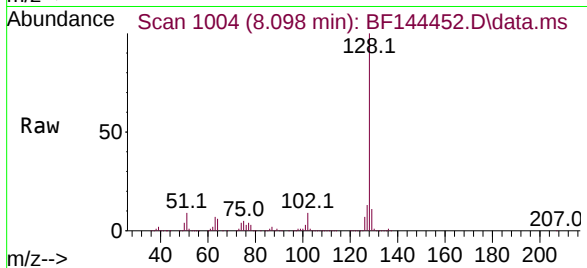
Tgt Ion:128 Resp: 1690417

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 43.984 ng

RT: 7.828 min Scan# 958

Delta R.T. -0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

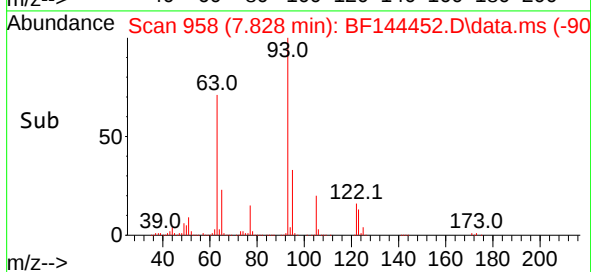
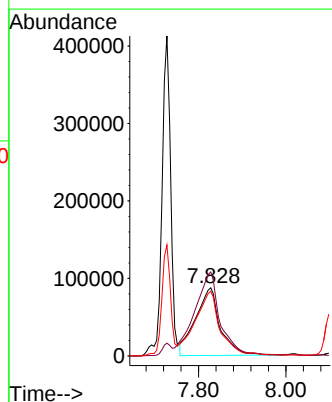
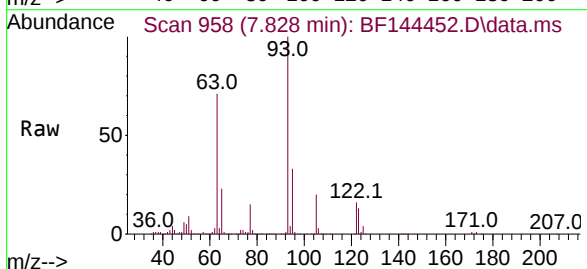
Tgt Ion:122 Resp: 344385

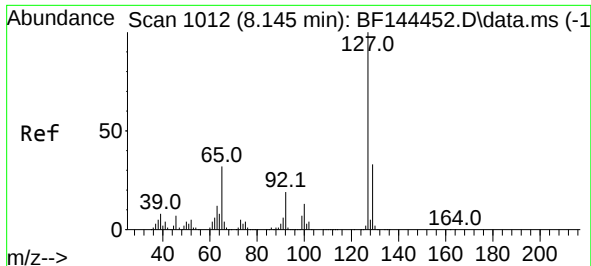
Ion Ratio Lower Upper

122 100

105 123.2 103.2 143.2

77 95.1 75.1 115.1

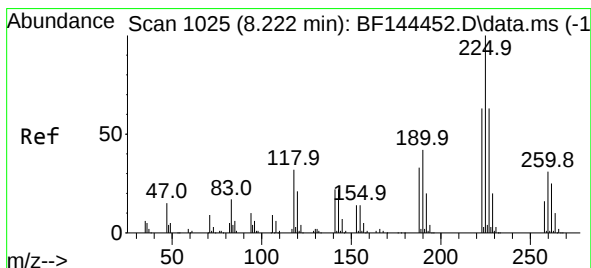
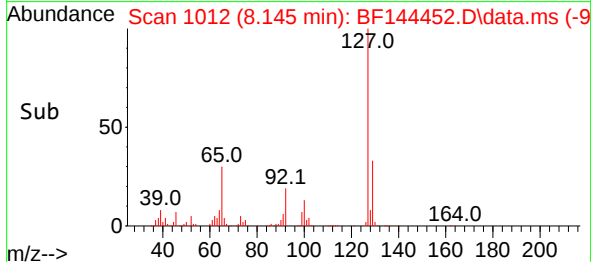
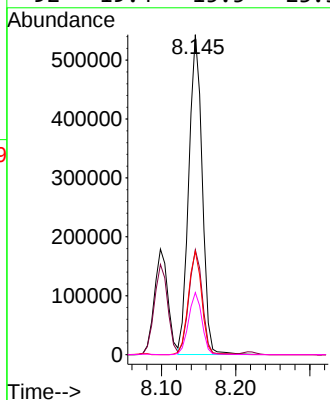
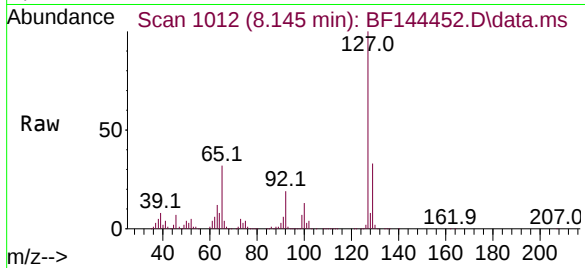




#33
4-Chloroaniline
Concen: 41.158 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

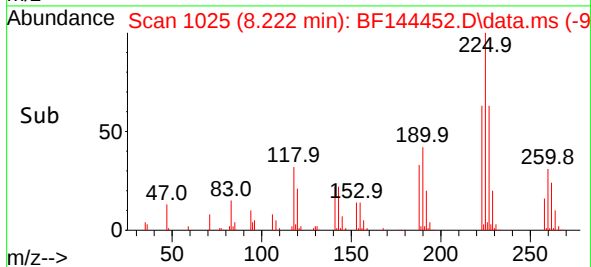
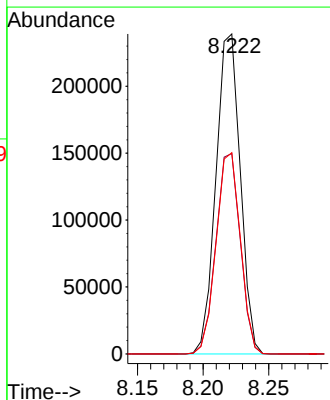
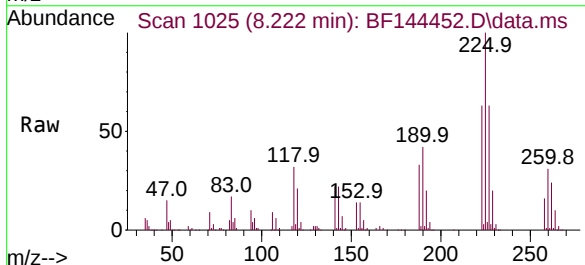
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

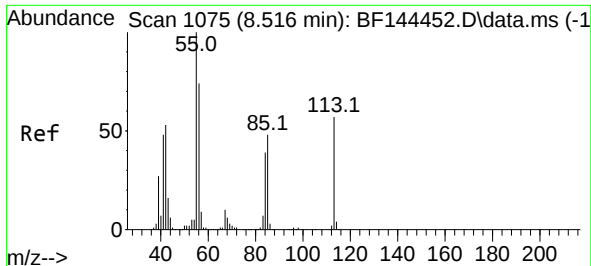
Tgt Ion:	127	Resp:	683314
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	32.3	25.8	38.8
92	19.4	15.5	23.3



#34
Hexachlorobutadiene
Concen: 41.980 ng
RT: 8.222 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:	225	Resp:	308930
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	62.9	50.3	75.5

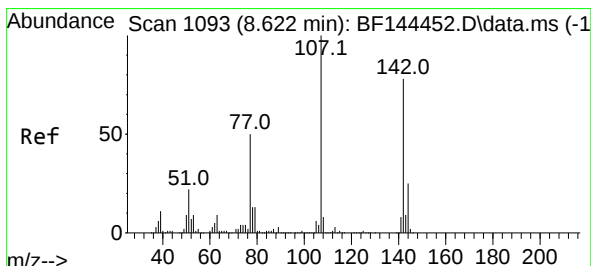
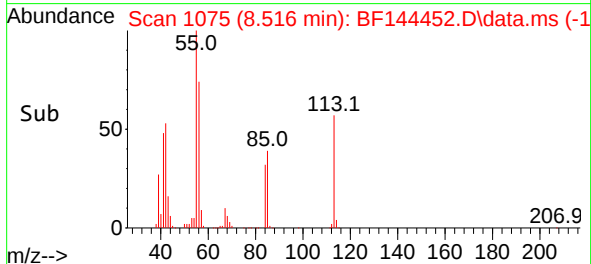
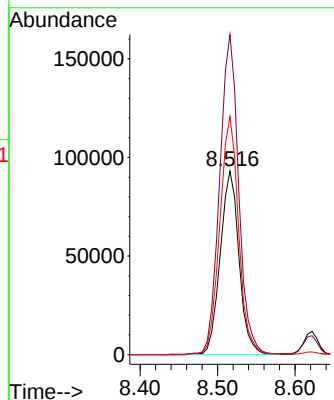
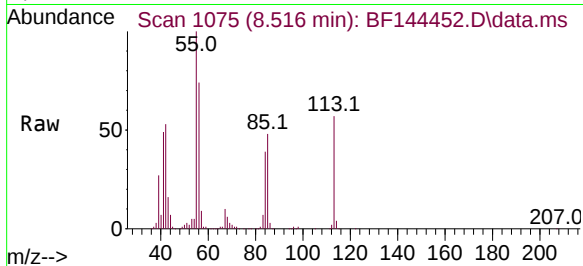




#35
 Caprolactam
 Concen: 43.293 ng
 RT: 8.516 min Scan# 1075
 Delta R.T. 0.000 min
 Lab File: BF144452.D
 Acq: 12 Dec 2025 15:28

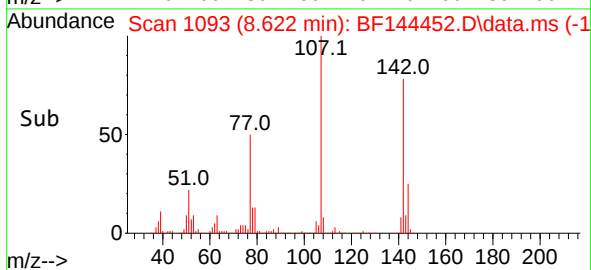
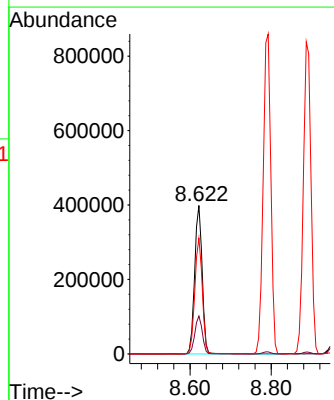
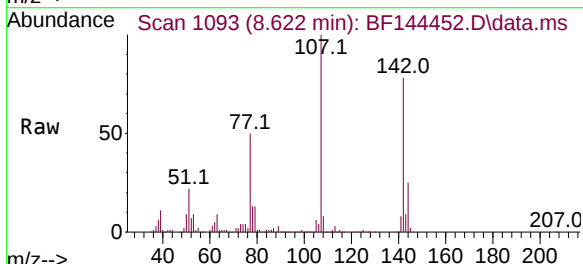
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

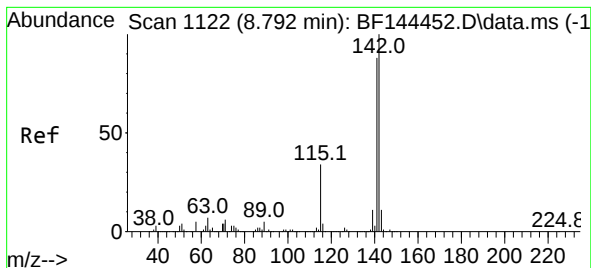
Tgt Ion:113 Resp: 156875
 Ion Ratio Lower Upper
 113 100
 55 174.5 154.5 194.5
 56 129.8 109.8 149.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.890 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF144452.D
 Acq: 12 Dec 2025 15:28

Tgt Ion:107 Resp: 510910
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.4 30.6
 142 78.0 62.4 93.6





#37

2-Methylnaphthalene

Concen: 41.060 ng

RT: 8.792 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

BNA_F

ClientSampleId :

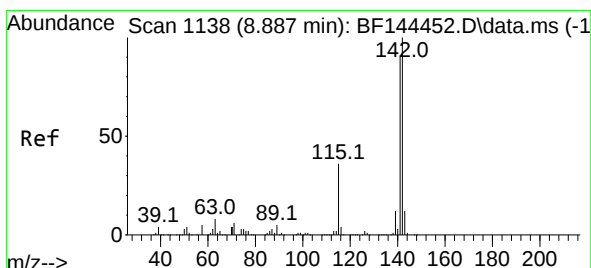
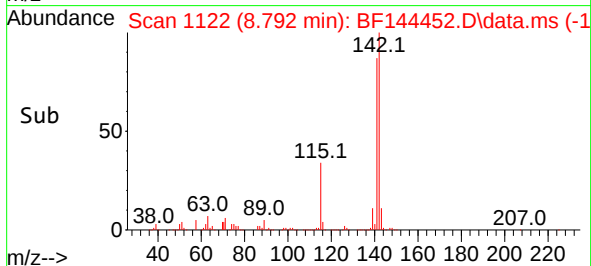
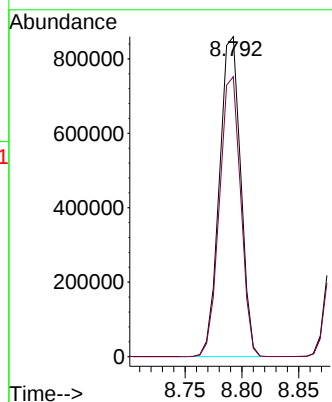
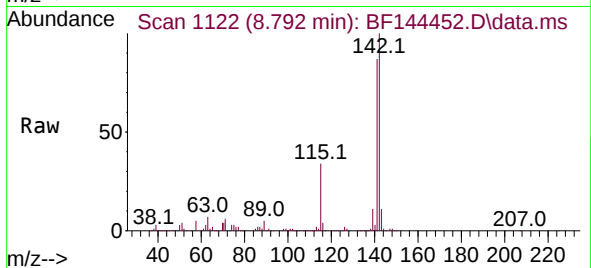
SSTDICCC040

Tgt Ion:142 Resp: 1115836

Ion Ratio Lower Upper

142 100

141 87.5 70.0 105.0



#38

1-Methylnaphthalene

Concen: 41.265 ng

RT: 8.887 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF144452.D

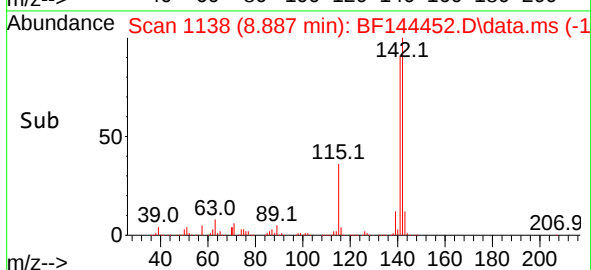
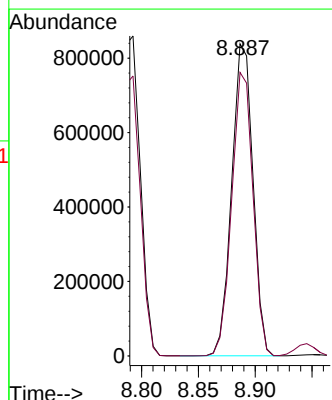
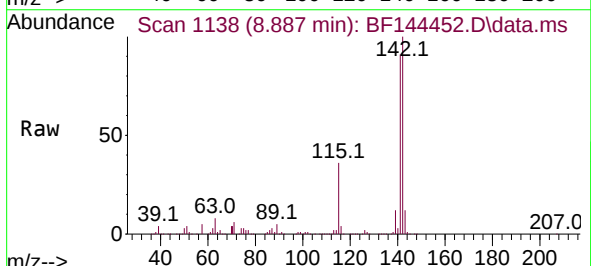
Acq: 12 Dec 2025 15:28

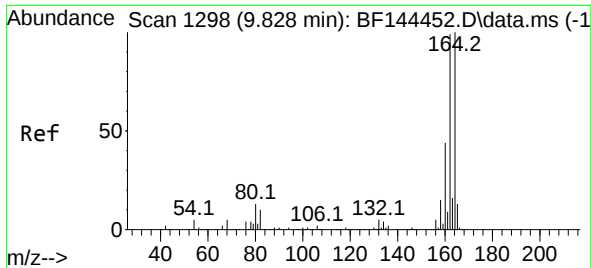
Tgt Ion:142 Resp: 1091954

Ion Ratio Lower Upper

142 100

141 90.8 72.6 109.0

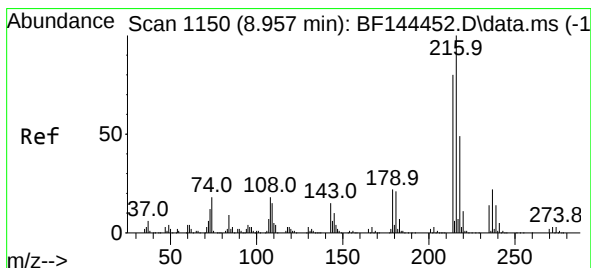
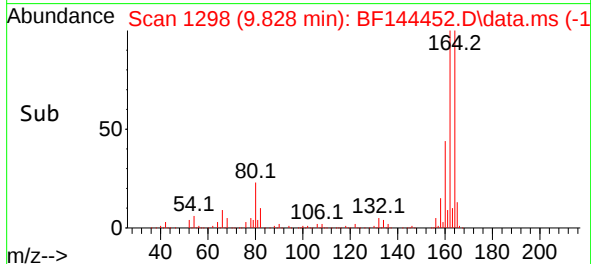
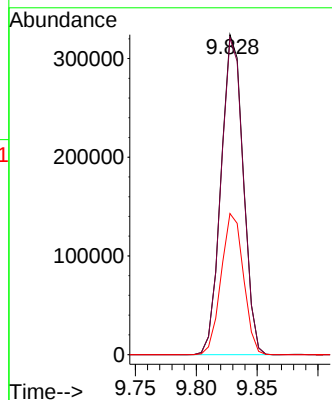
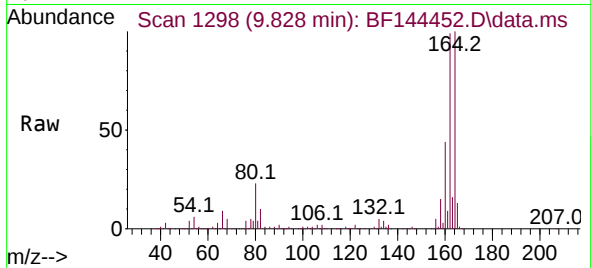




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

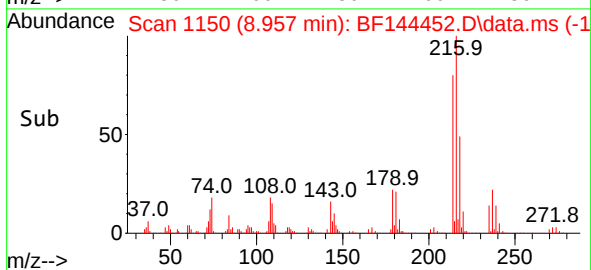
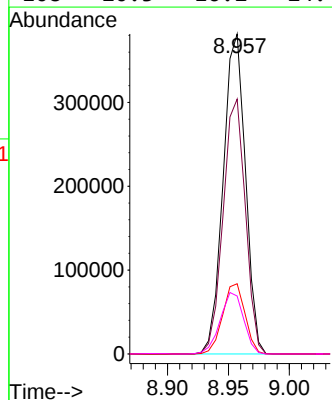
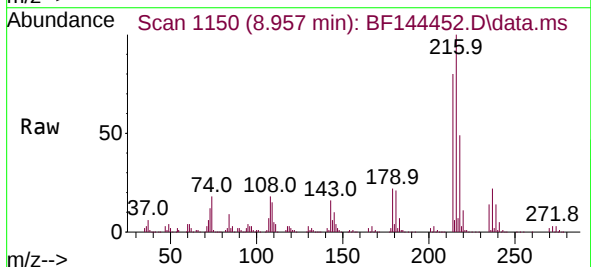
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

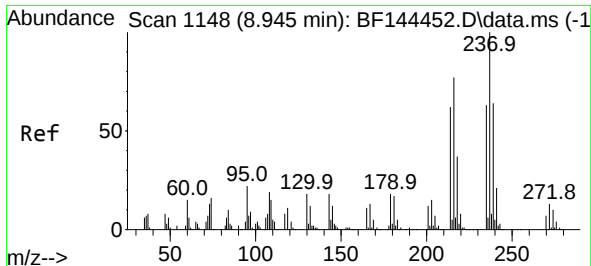
Tgt Ion:164 Resp: 411966
Ion Ratio Lower Upper
164 100
162 99.0 79.2 118.8
160 44.1 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.401 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:216 Resp: 485409
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.6
179 22.1 17.7 26.5
108 20.3 16.2 24.4

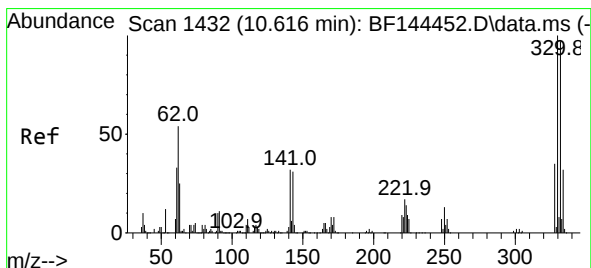
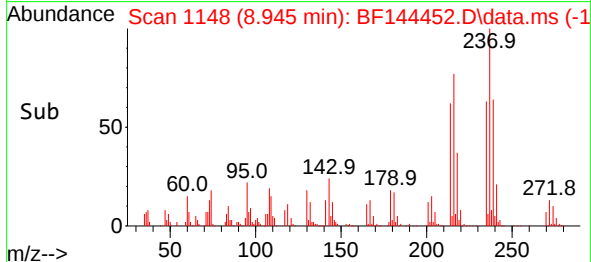
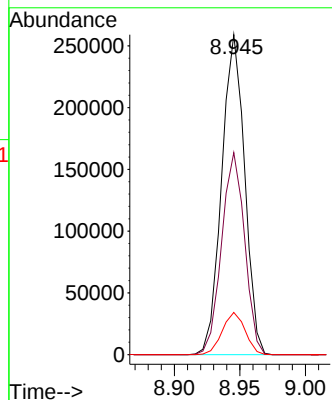
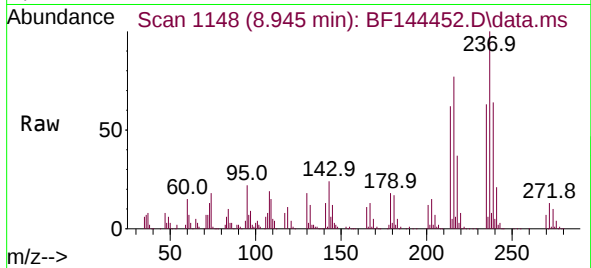




#41
Hexachlorocyclopentadiene
Concen: 45.612 ng
RT: 8.945 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

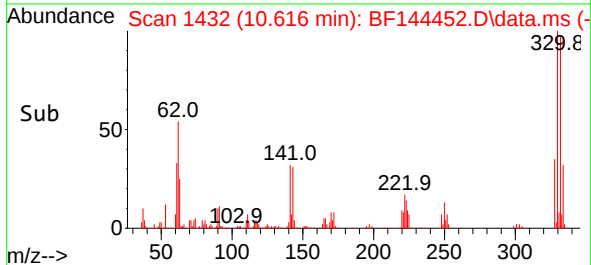
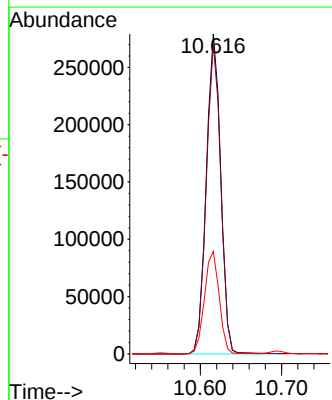
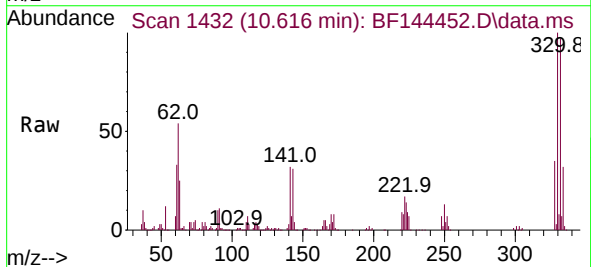
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

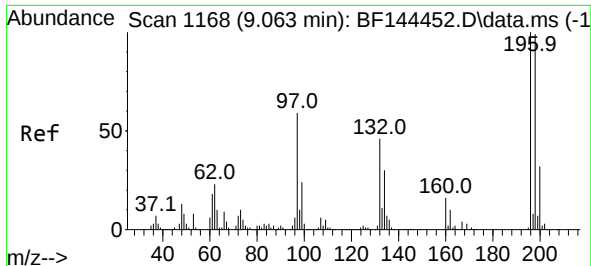
Tgt Ion:237 Resp: 316499
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 13.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 92.849 ng
RT: 10.616 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:330 Resp: 345821
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 32.7 26.2 39.2

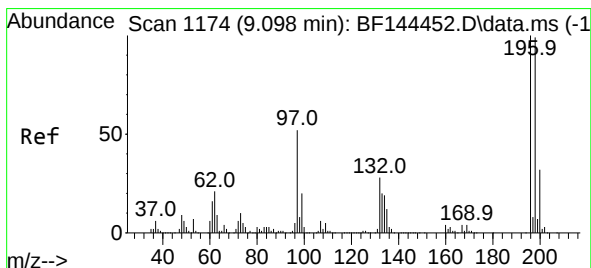
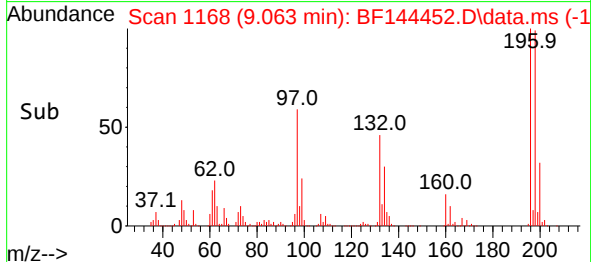
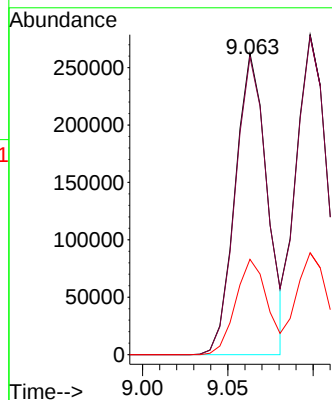
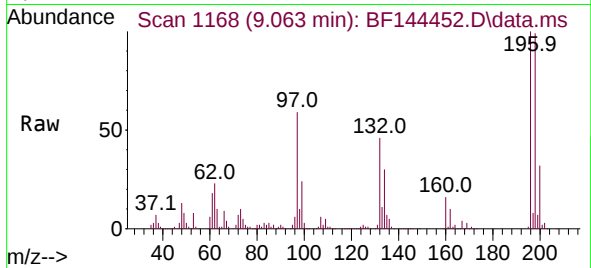




#43
2,4,6-Trichlorophenol
Concen: 45.911 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

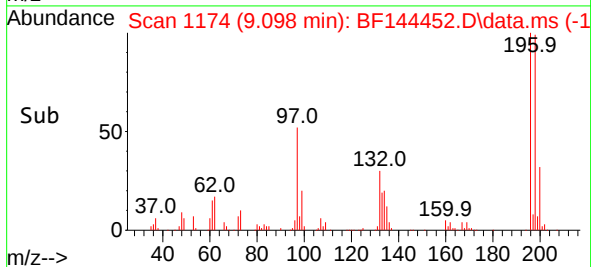
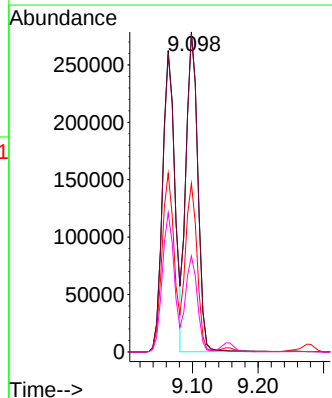
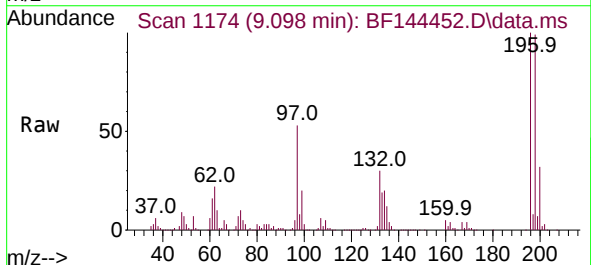
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

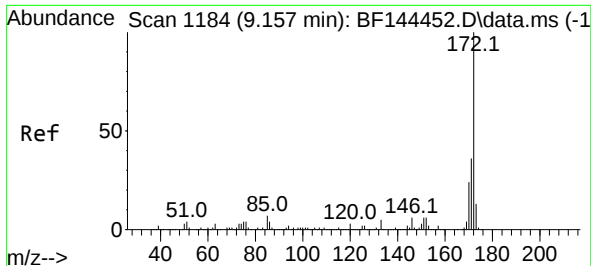
Tgt Ion:196 Resp: 341830
Ion Ratio Lower Upper
196 100
198 98.7 79.0 118.4
200 31.6 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 44.921 ng
RT: 9.098 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:196 Resp: 351041
Ion Ratio Lower Upper
196 100
198 99.4 79.5 119.3
97 52.7 42.2 63.2
132 30.0 24.0 36.0

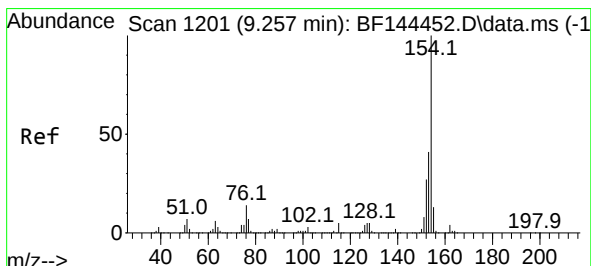
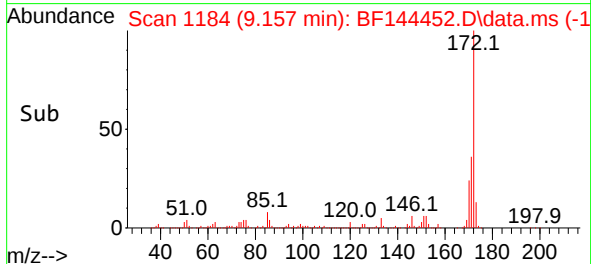
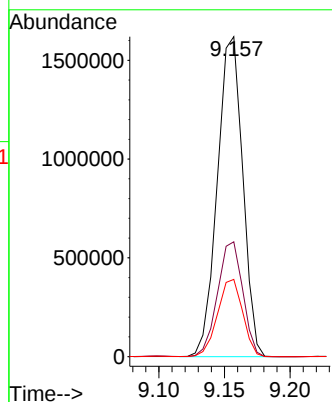
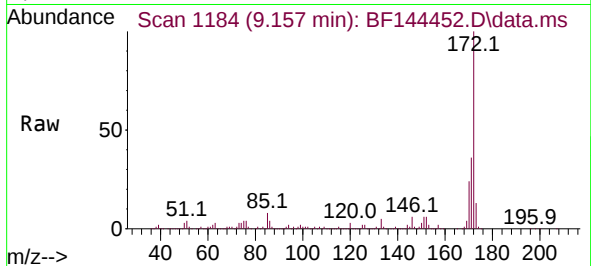




#45
2-Fluorobiphenyl
Concen: 81.255 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

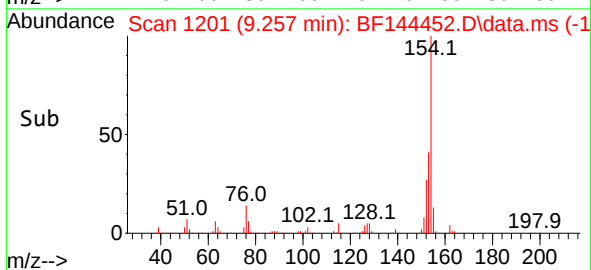
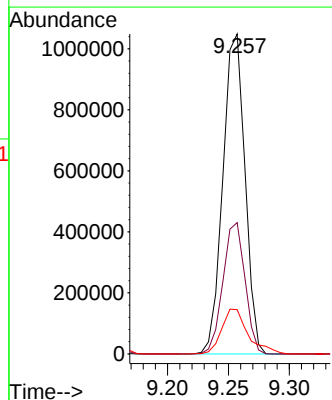
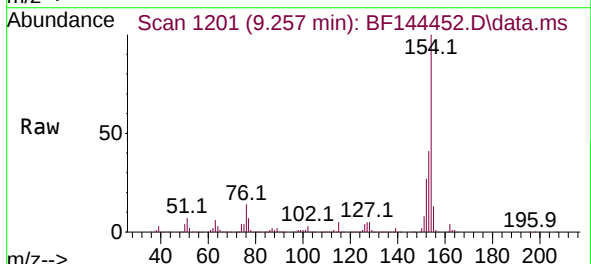
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

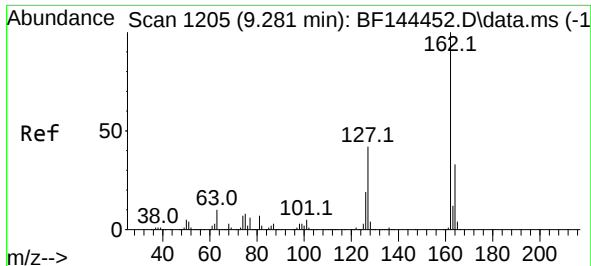
Tgt Ion:172 Resp: 2182061
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.1 19.3 28.9



#46
1,1'-Biphenyl
Concen: 41.269 ng
RT: 9.257 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:154 Resp: 1328637
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 13.8 0.0 33.8

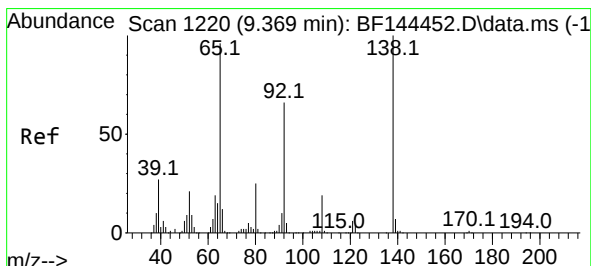
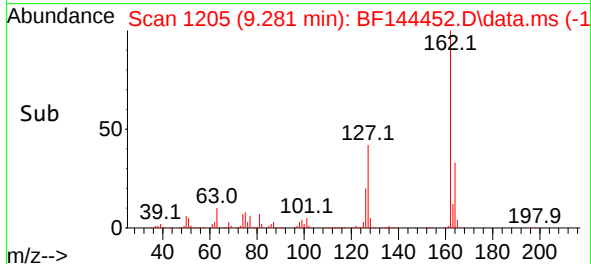
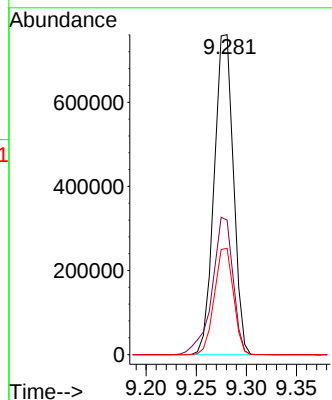
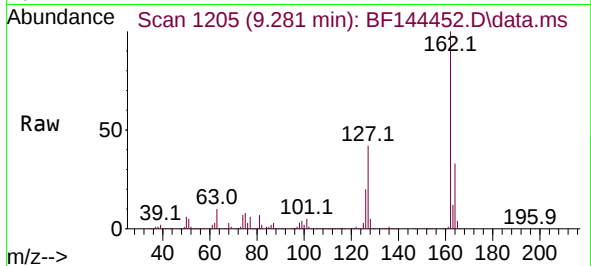




#47
2-Chloronaphthalene
Concen: 41.393 ng
RT: 9.281 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

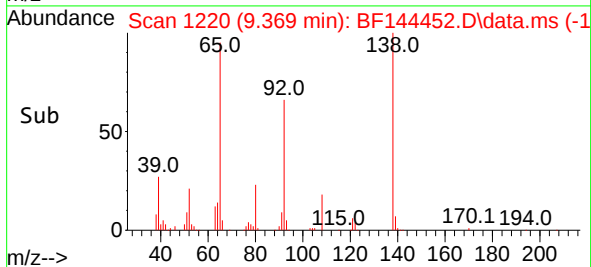
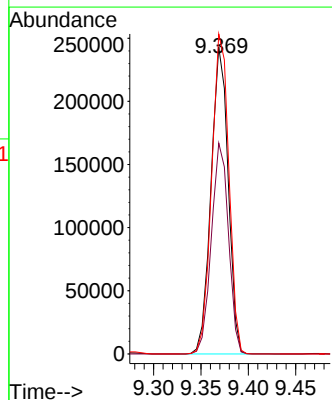
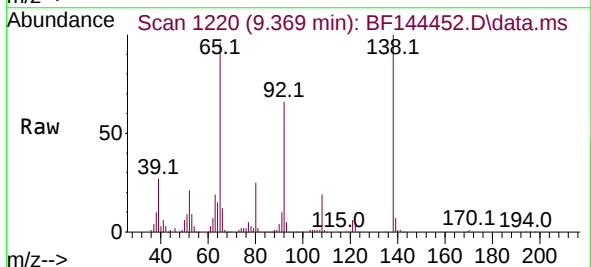
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

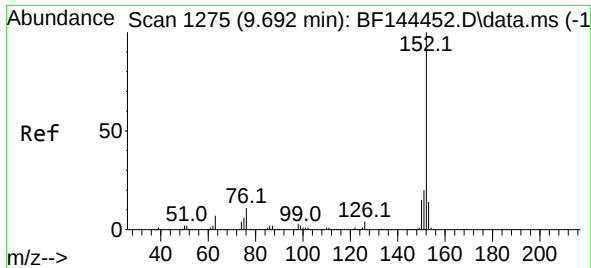
Tgt Ion:162 Resp: 1017338
Ion Ratio Lower Upper
162 100
127 42.0 33.6 50.4
164 33.2 26.6 39.8



#48
2-Nitroaniline
Concen: 43.735 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion: 65 Resp: 305849
Ion Ratio Lower Upper
65 100
92 68.7 55.0 82.4
138 104.3 83.4 125.2

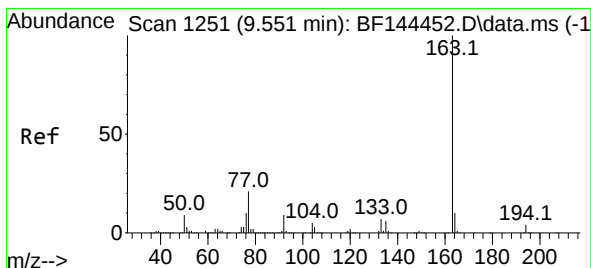
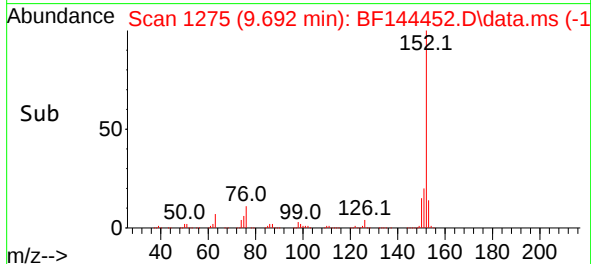
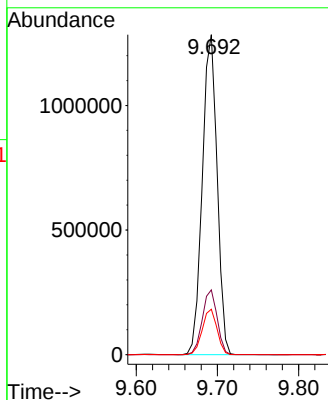
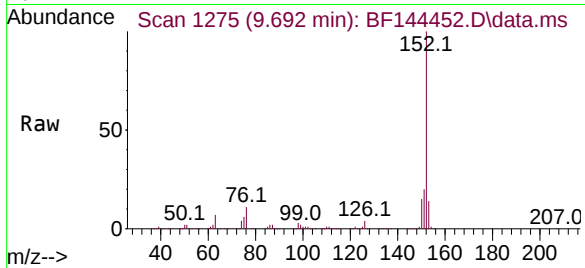




#49
Acenaphthylene
Concen: 41.827 ng
RT: 9.692 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

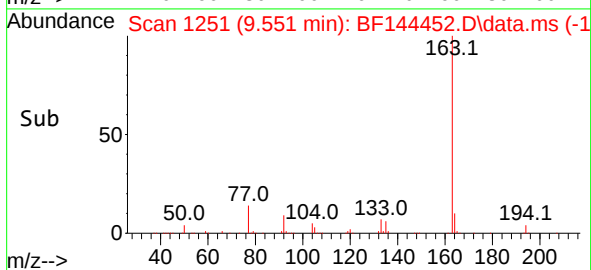
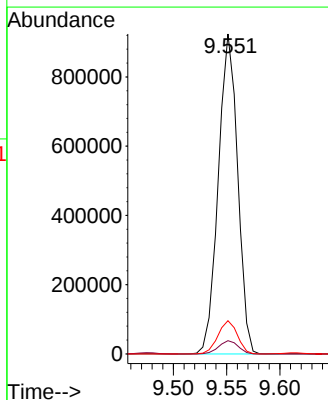
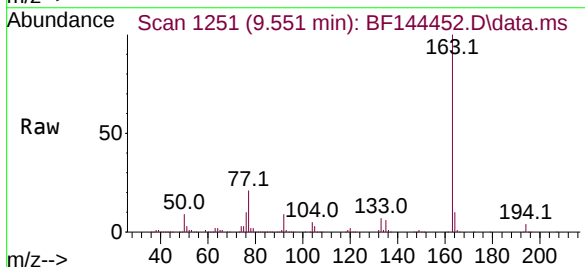
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

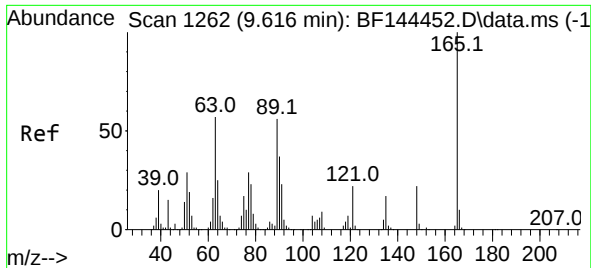
Tgt Ion:152 Resp: 1628714
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.2 11.4 17.0



#50
Dimethylphthalate
Concen: 42.042 ng
RT: 9.551 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:163 Resp: 1169920
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.3 12.5

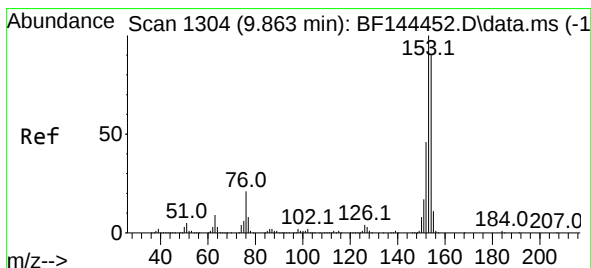
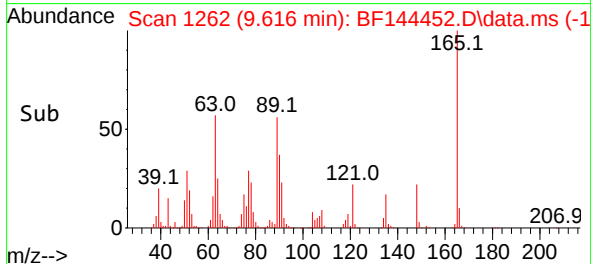
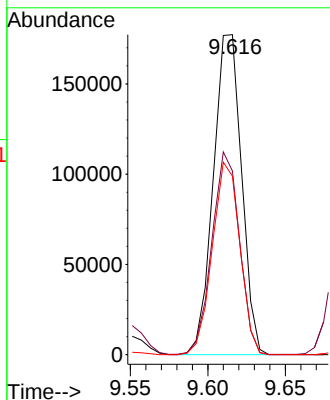
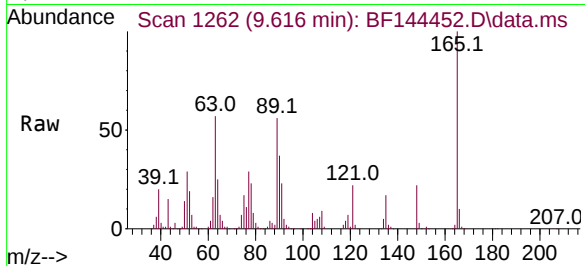




#51
2,6-Dinitrotoluene
Concen: 44.573 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

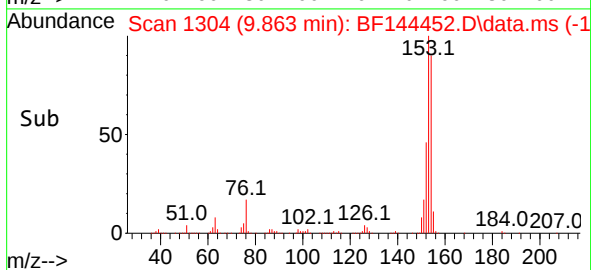
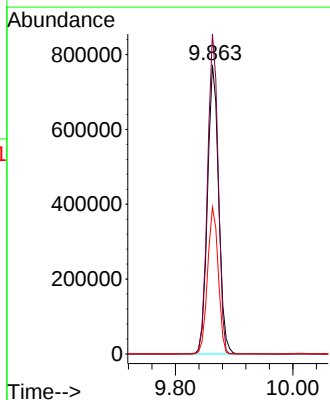
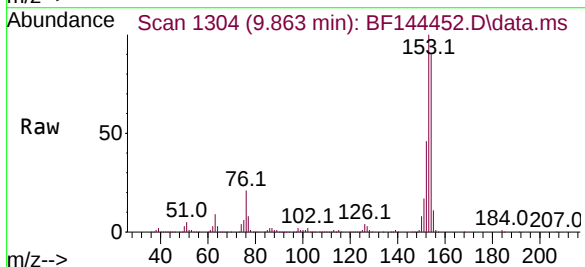
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

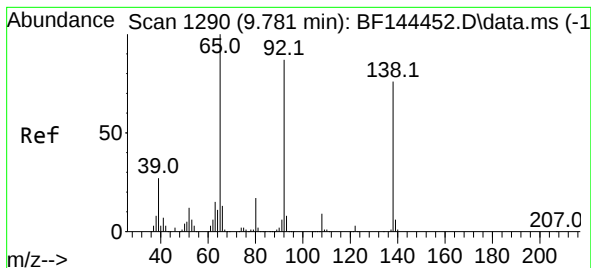
Tgt Ion:165 Resp: 225749
Ion Ratio Lower Upper
165 100
63 57.4 45.9 68.9
89 55.8 44.6 67.0



#52
Acenaphthene
Concen: 41.939 ng
RT: 9.863 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:154 Resp: 1018229
Ion Ratio Lower Upper
154 100
153 110.7 88.6 132.8
152 50.8 40.6 61.0





#53

3-Nitroaniline

Concen: 43.620 ng

RT: 9.781 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

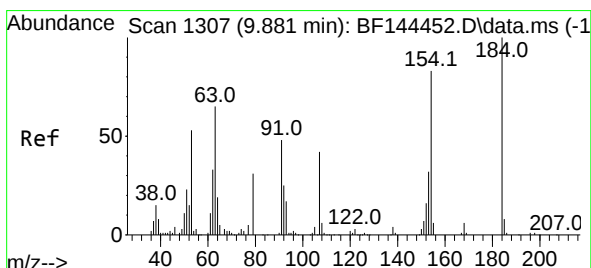
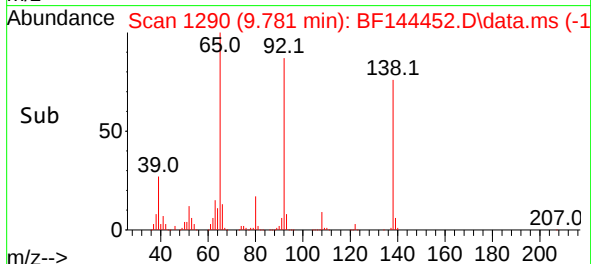
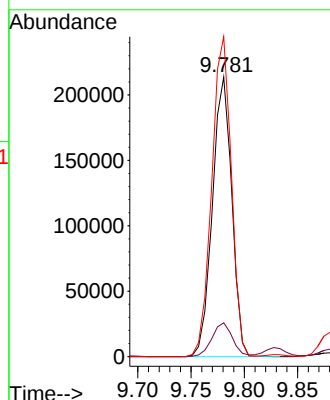
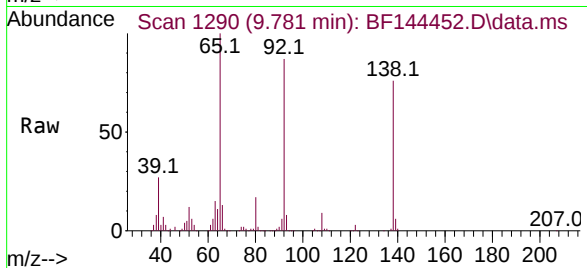
Tgt Ion:138 Resp: 270269

Ion Ratio Lower Upper

138 100

108 12.1 9.7 14.5

92 114.4 91.5 137.3



#54

2,4-Dinitrophenol

Concen: 44.314 ng

RT: 9.881 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

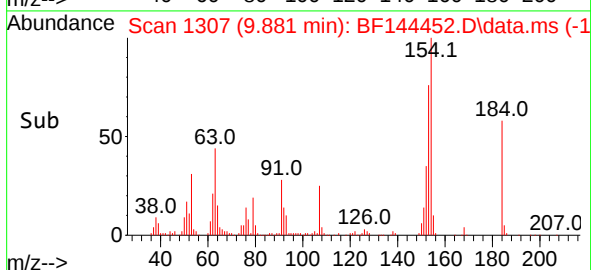
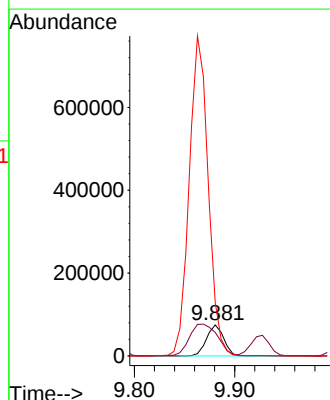
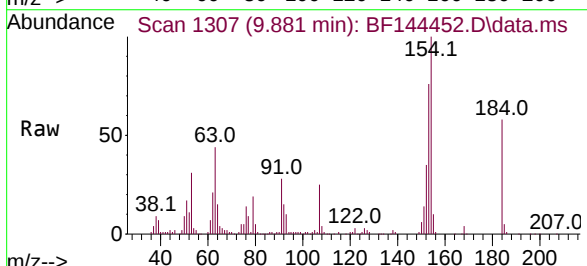
Tgt Ion:184 Resp: 88210

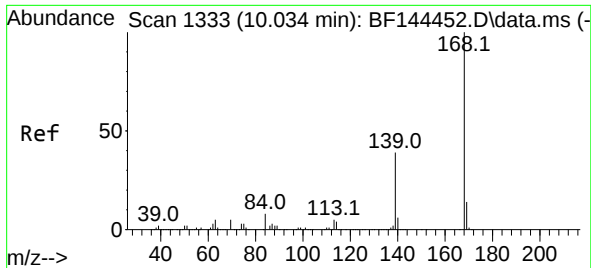
Ion Ratio Lower Upper

184 100

63 75.8 60.6 91.0

154 172.3 137.8 206.8

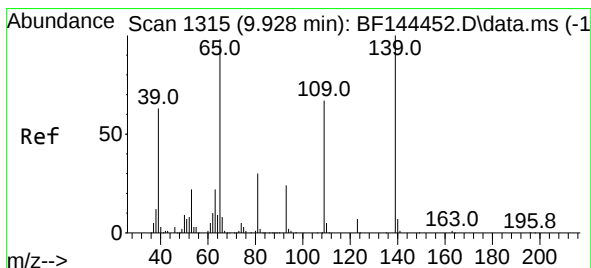
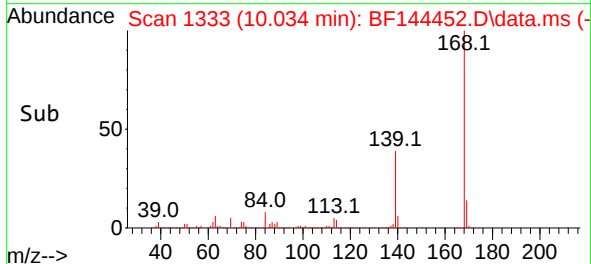
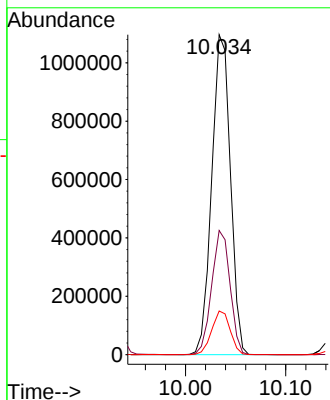
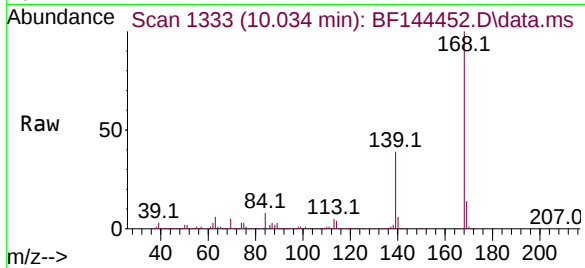




#55
Dibenzenofuran
Concen: 41.063 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

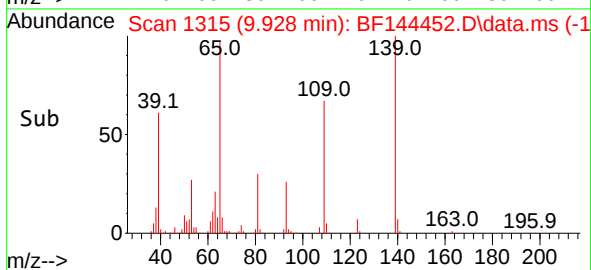
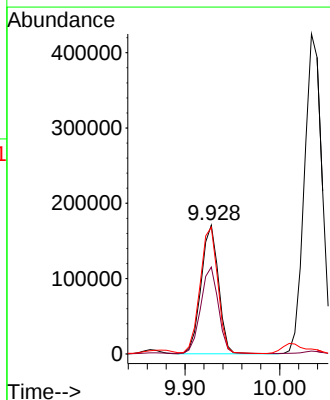
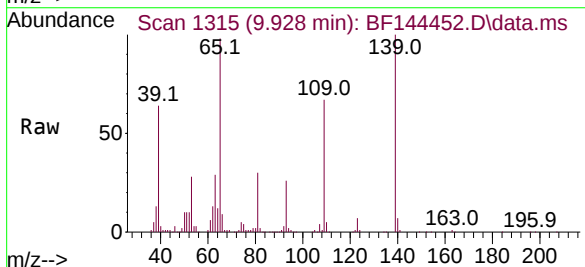
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

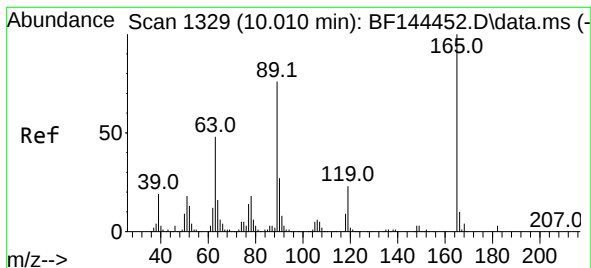
Tgt Ion:168 Resp: 1418528
Ion Ratio Lower Upper
168 100
139 38.8 31.0 46.6
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 46.153 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:139 Resp: 218713
Ion Ratio Lower Upper
139 100
109 67.4 47.4 87.4
65 98.4 78.4 118.4

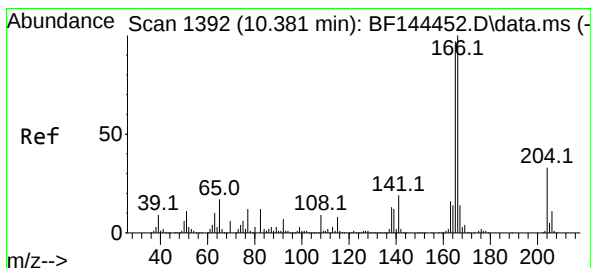
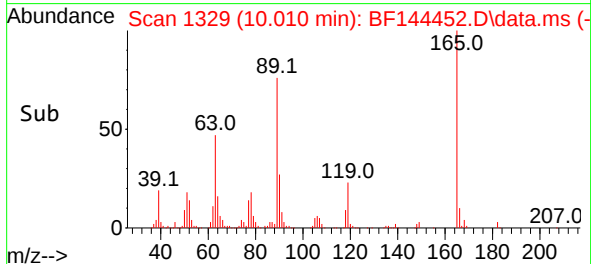
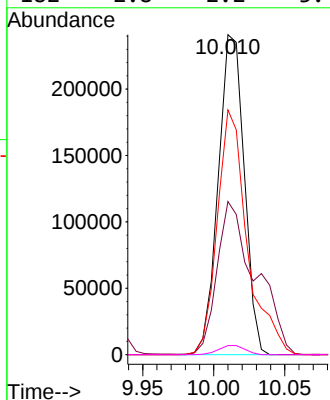
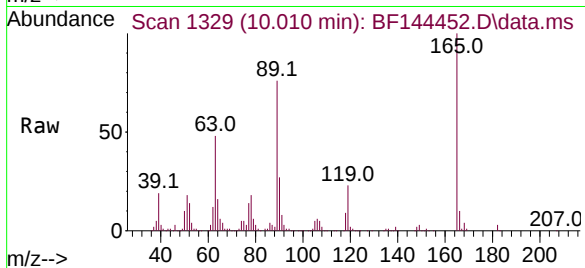




#57
2,4-Dinitrotoluene
Concen: 44.360 ng
RT: 10.010 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

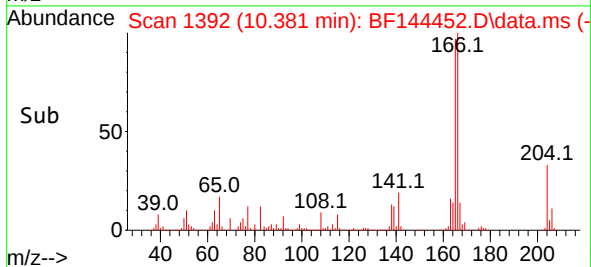
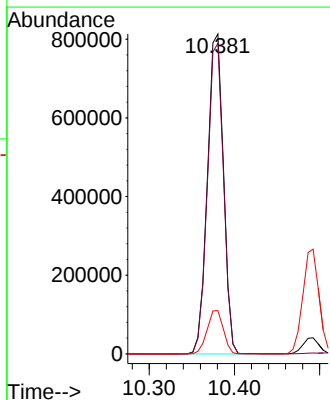
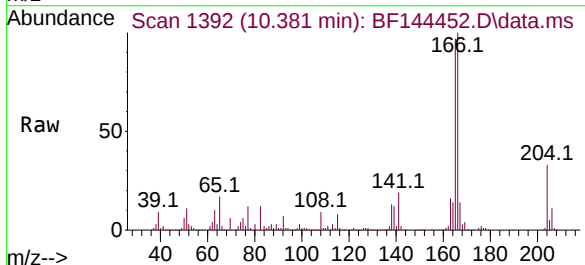
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

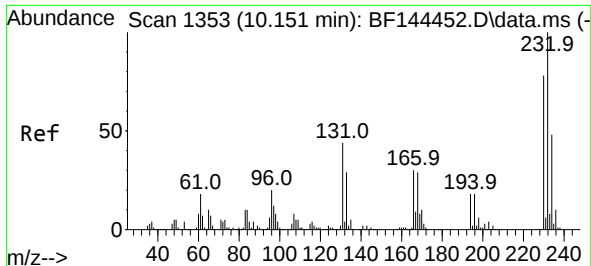
Tgt Ion:165 Resp: 306755
Ion Ratio Lower Upper
165 100
63 47.8 38.2 57.4
89 76.5 61.2 91.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.714 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:166 Resp: 1065011
Ion Ratio Lower Upper
166 100
165 97.0 77.6 116.4
167 13.5 10.8 16.2

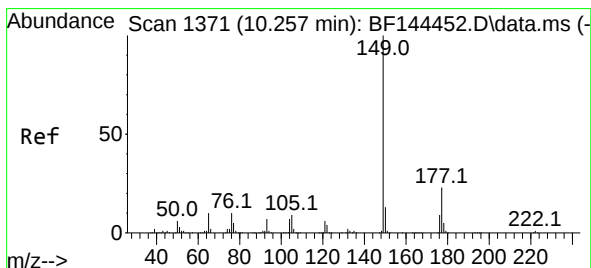
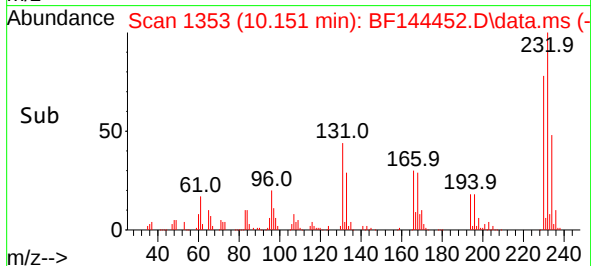
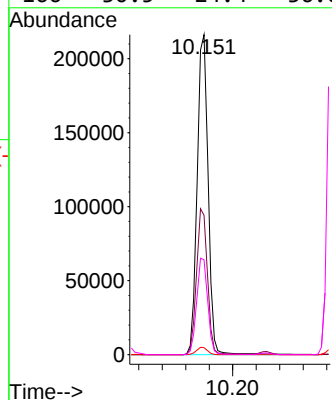
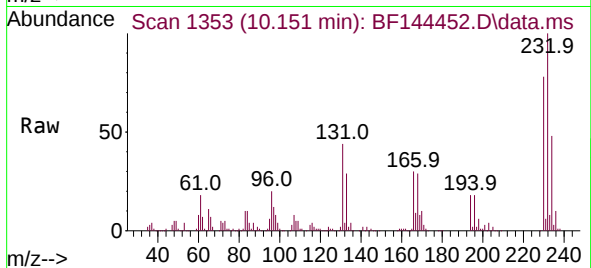




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.089 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

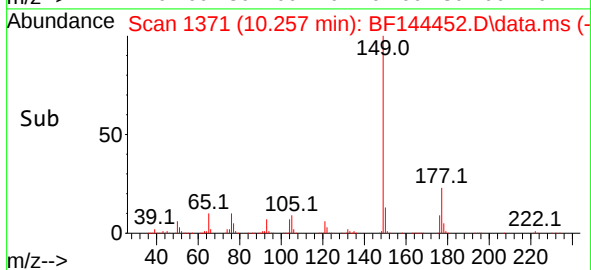
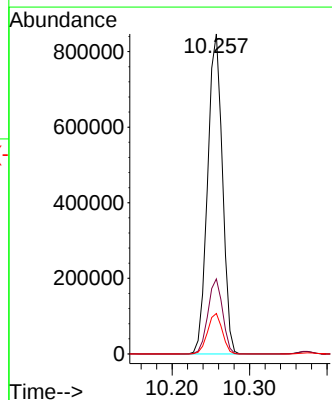
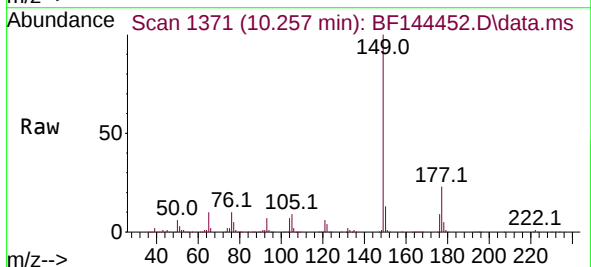
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

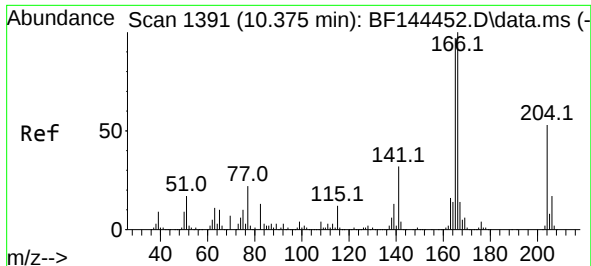
Tgt Ion:232 Resp: 279332
Ion Ratio Lower Upper
232 100
131 45.4 36.3 54.5
130 2.2 1.8 2.6
166 30.5 24.4 36.6



#60
Diethylphthalate
Concen: 42.467 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:149 Resp: 1120008
Ion Ratio Lower Upper
149 100
177 23.4 18.7 28.1
150 12.6 10.1 15.1

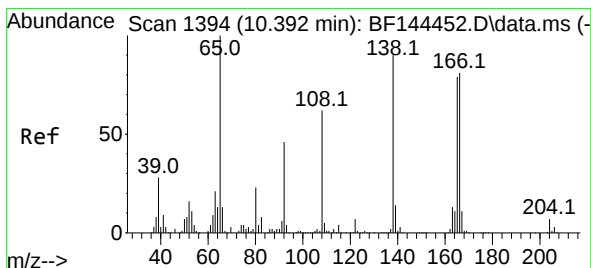
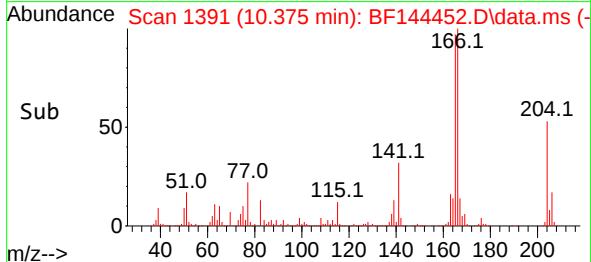
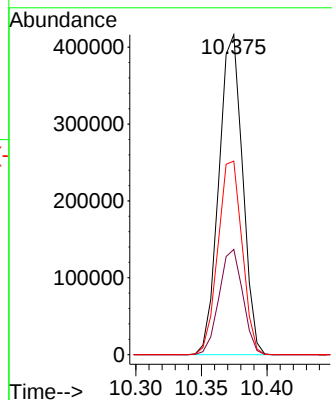
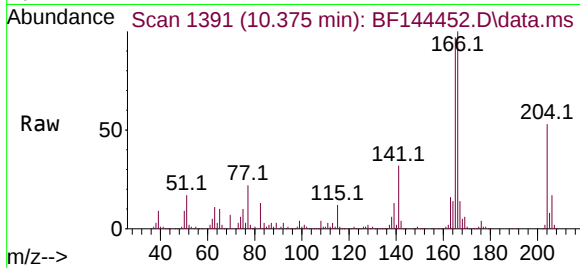




#61
4-Chlorophenyl-phenylether
Concen: 40.888 ng
RT: 10.375 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

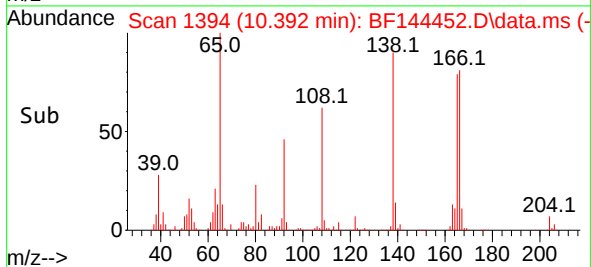
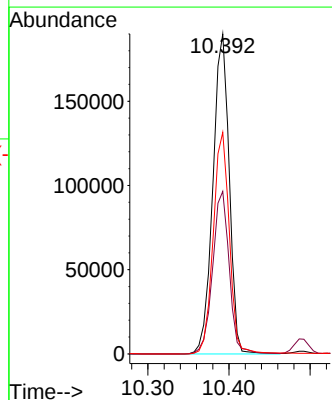
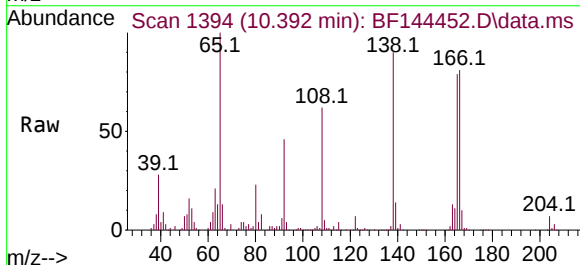
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

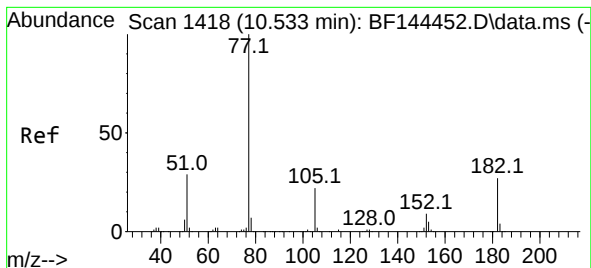
Tgt Ion:204 Resp: 524766
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 60.5 48.4 72.6



#62
4-Nitroaniline
Concen: 43.338 ng
RT: 10.392 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:138 Resp: 265037
Ion Ratio Lower Upper
138 100
92 50.8 30.8 70.8
108 69.2 49.2 89.2





#63

Azobenzene

Concen: 41.552 ng

RT: 10.533 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 1158182

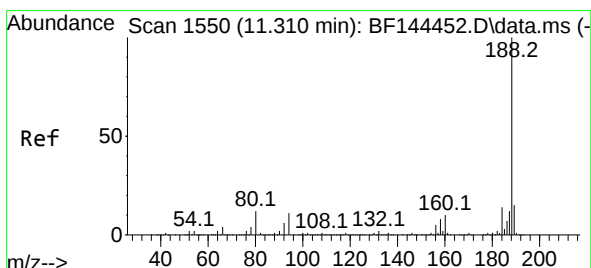
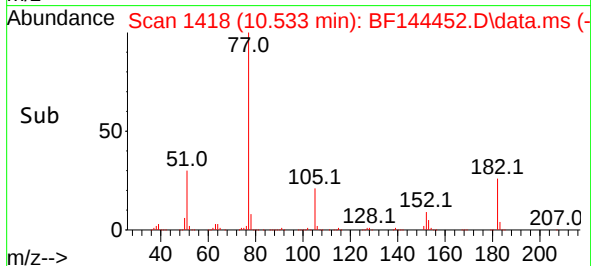
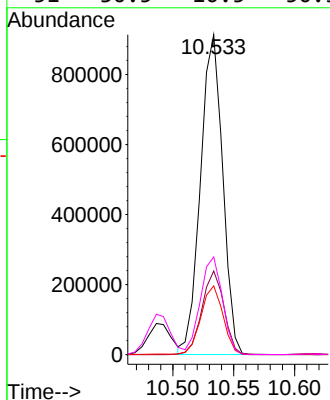
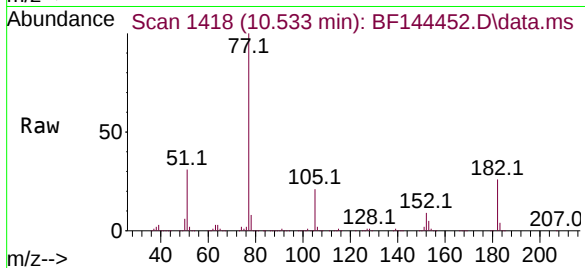
Ion Ratio Lower Upper

77 100

182 26.1 6.1 46.1

105 21.5 1.5 41.5

51 30.5 10.5 50.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

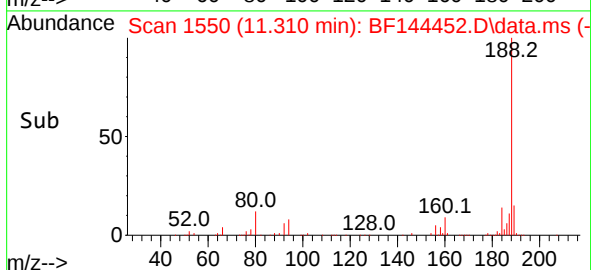
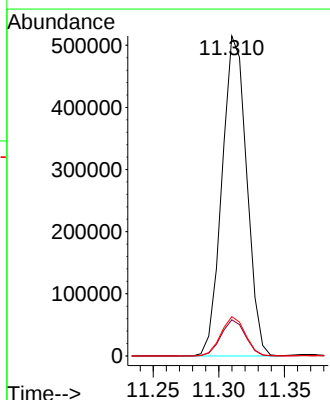
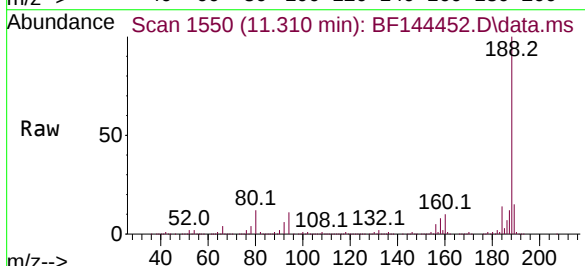
Tgt Ion: 188 Resp: 673449

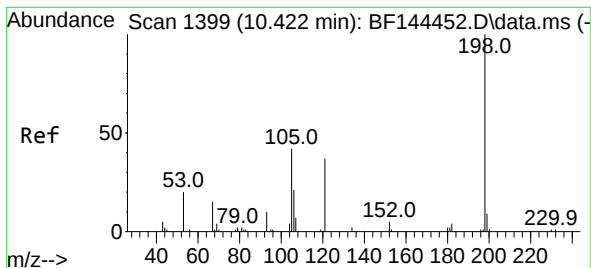
Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.6

80 12.3 9.8 14.8

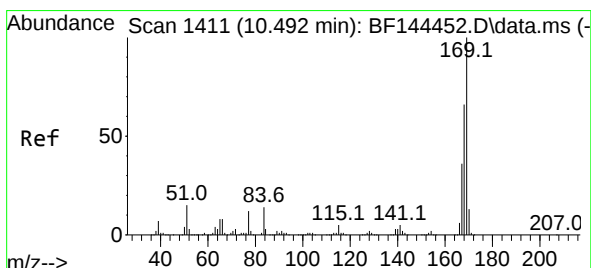
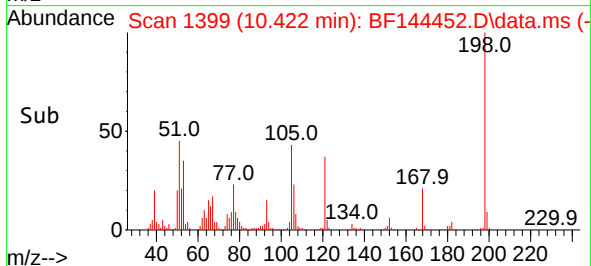
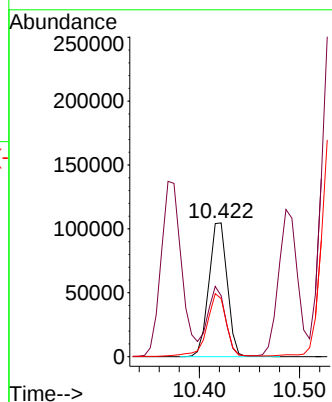
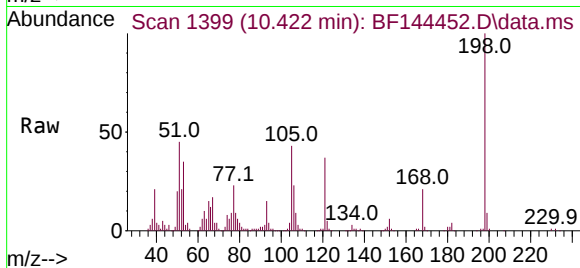




#65
4,6-Dinitro-2-methylphenol
Concen: 44.552 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

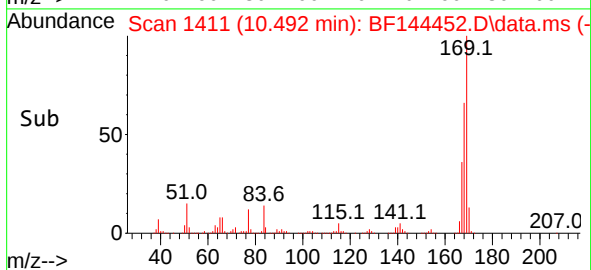
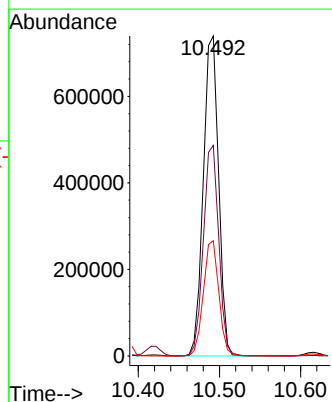
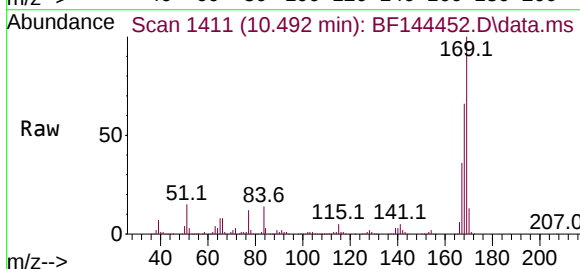
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

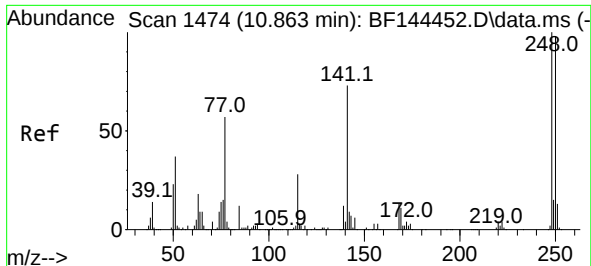
Tgt Ion:198 Resp: 133011
Ion Ratio Lower Upper
198 100
51 45.5 25.5 65.5
105 43.4 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 41.944 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:169 Resp: 968011
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 36.0 28.8 43.2

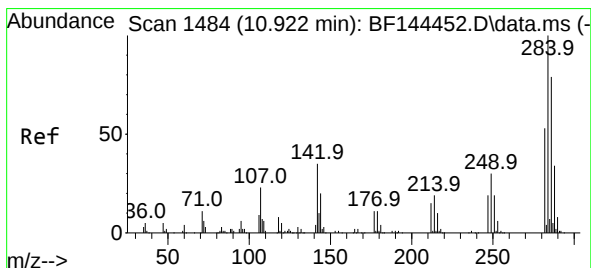
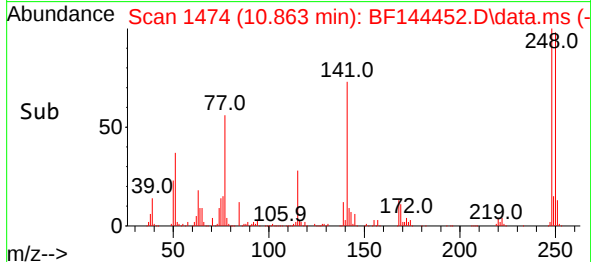
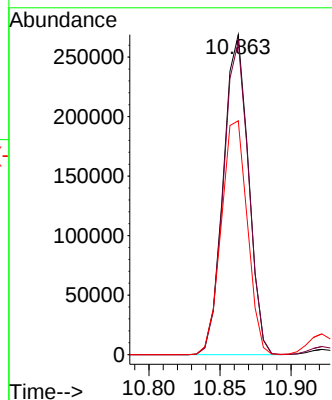
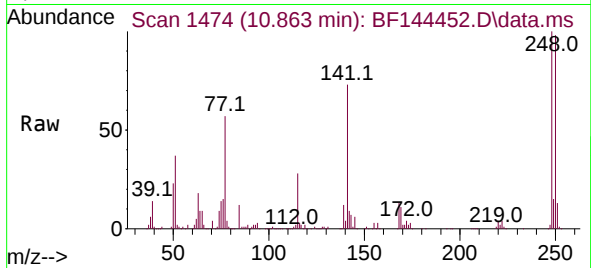




#67
4-Bromophenyl-phenylether
Concen: 42.193 ng
RT: 10.863 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

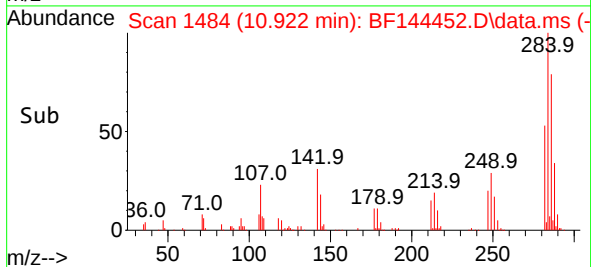
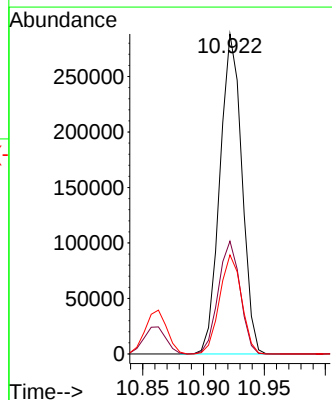
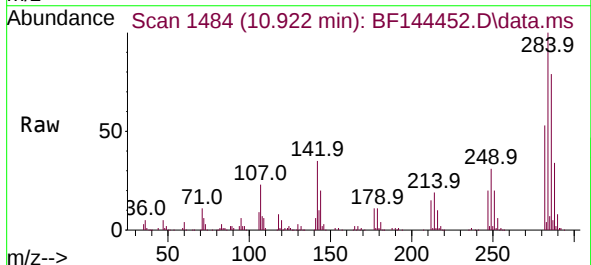
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

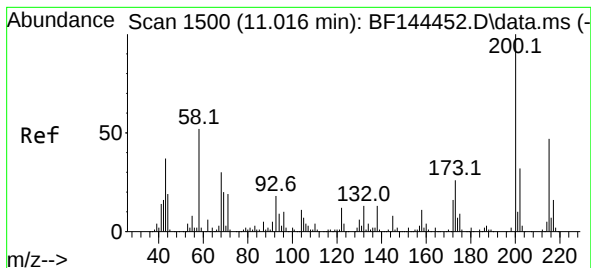
Tgt Ion:248 Resp: 331720
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 73.1 58.5 87.7



#68
Hexachlorobenzene
Concen: 41.741 ng
RT: 10.922 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:284 Resp: 362260
Ion Ratio Lower Upper
284 100
142 35.2 28.2 42.2
249 30.9 24.7 37.1





#69

Atrazine

Concen: 43.101 ng

RT: 11.016 min Scan# 1500

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

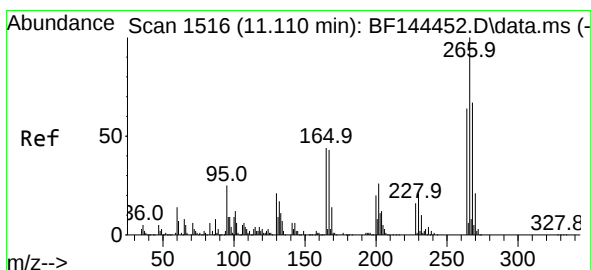
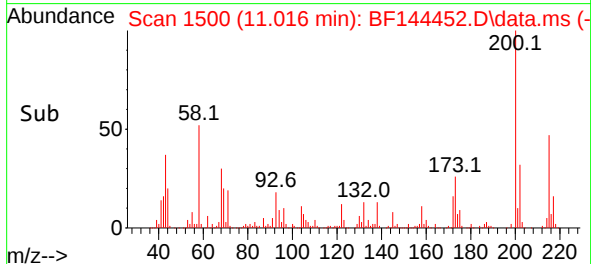
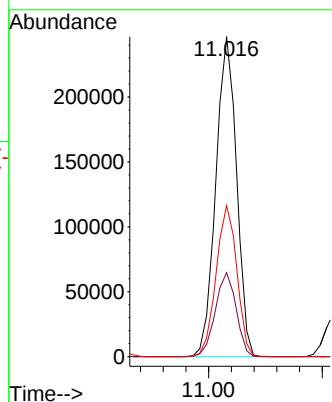
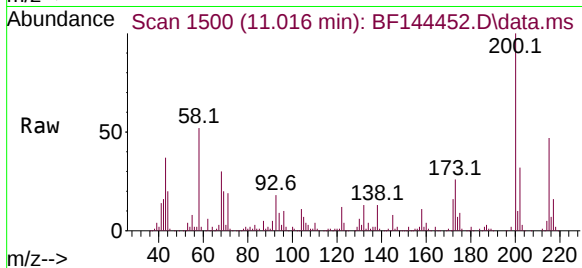
Tgt Ion:200 Resp: 311574

Ion Ratio Lower Upper

200 100

173 26.2 6.2 46.2

215 47.2 27.2 67.2



#70

Pentachlorophenol

Concen: 45.238 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

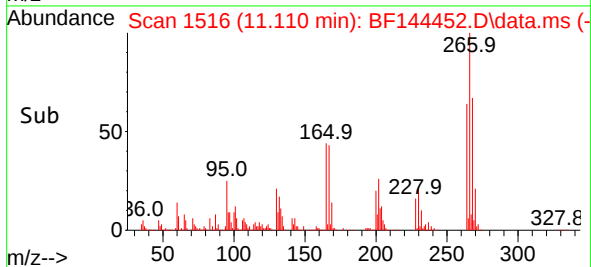
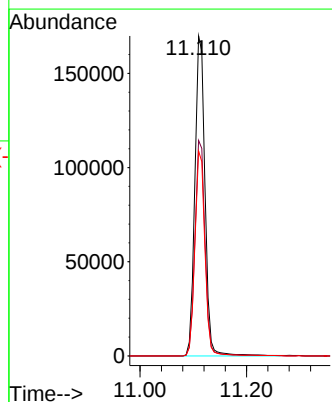
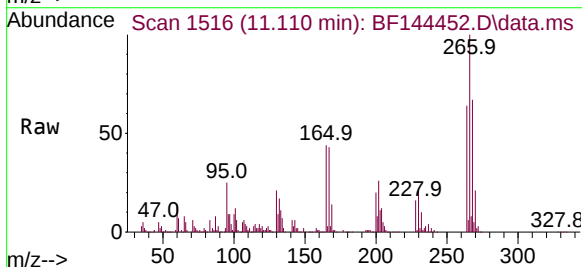
Tgt Ion:266 Resp: 223945

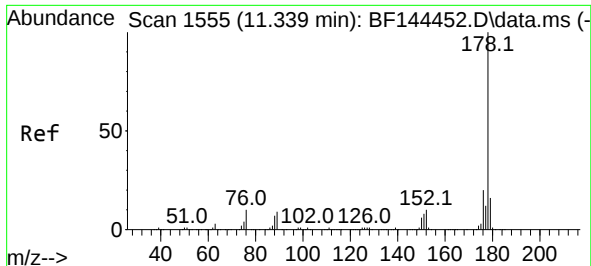
Ion Ratio Lower Upper

266 100

268 67.3 53.8 80.8

264 64.0 51.2 76.8

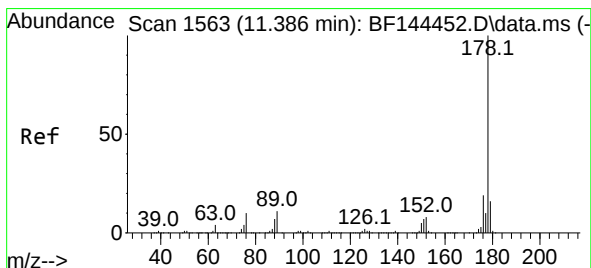
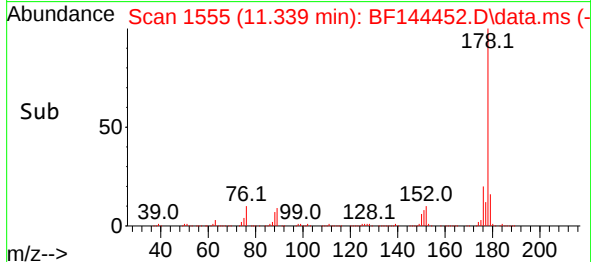
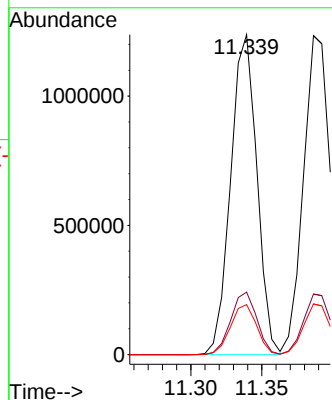
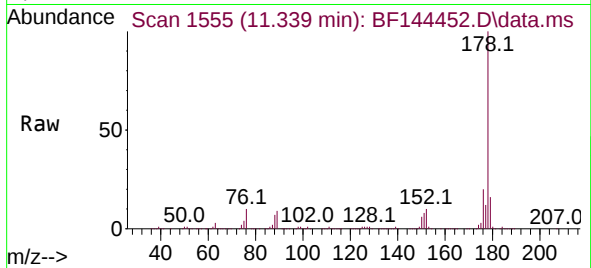




#71
Phenanthrene
Concen: 40.905 ng
RT: 11.339 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

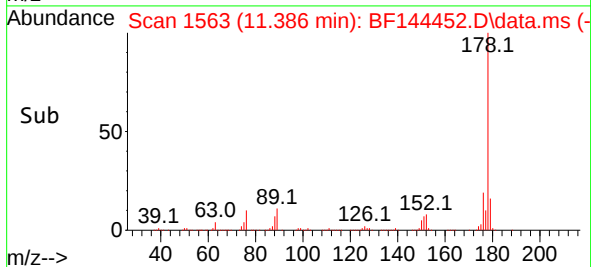
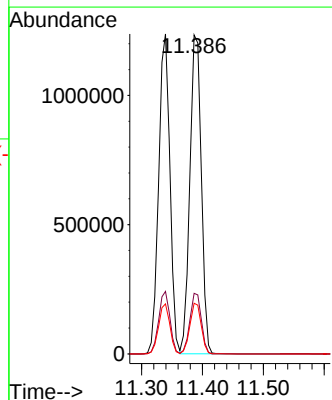
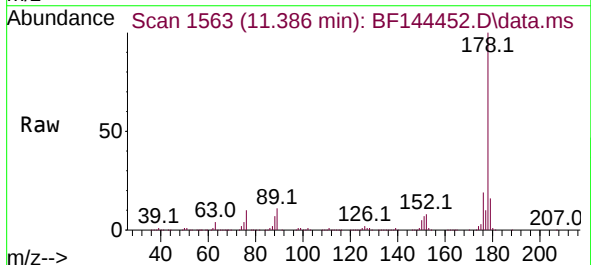
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

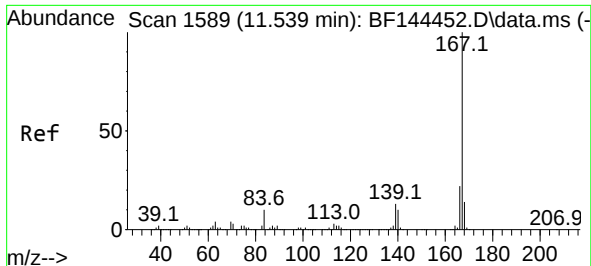
Tgt Ion:178 Resp: 1588125
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.5 18.7



#72
Anthracene
Concen: 41.130 ng
RT: 11.386 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:178 Resp: 1616231
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.9 12.7 19.1

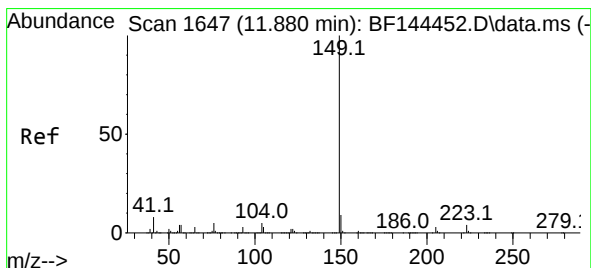
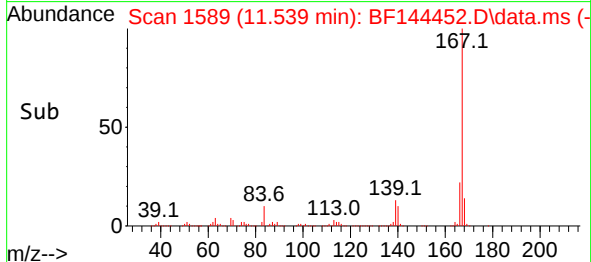
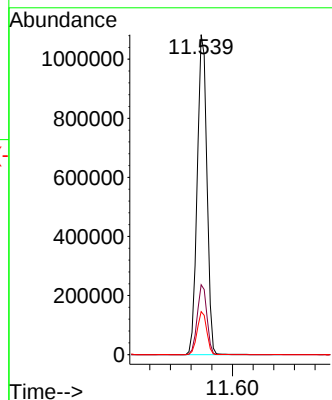
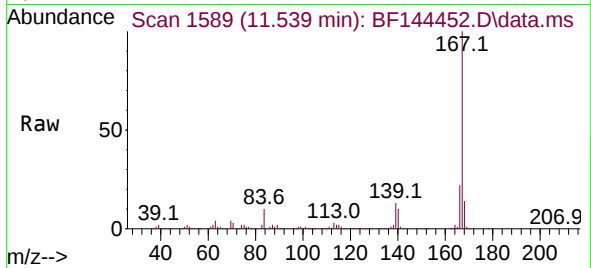




#73
 Carbazole
 Concen: 41.231 ng
 RT: 11.539 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BF144452.D
 Acq: 12 Dec 2025 15:28

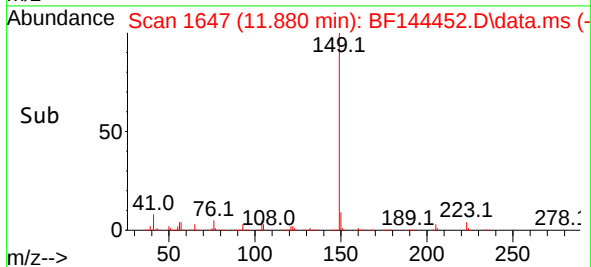
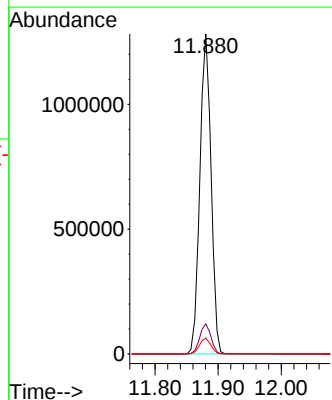
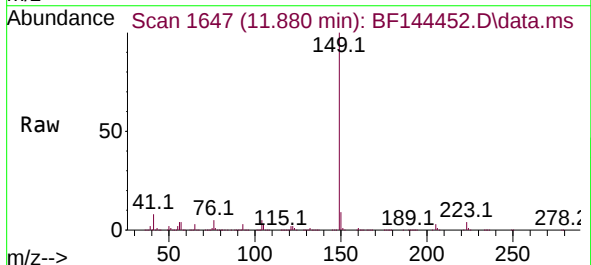
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

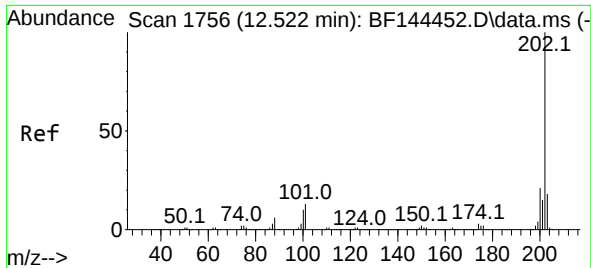
Tgt Ion:167 Resp: 1406525
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.4 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 43.228 ng
 RT: 11.880 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: BF144452.D
 Acq: 12 Dec 2025 15:28

Tgt Ion:149 Resp: 1576372
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 3.9 5.9

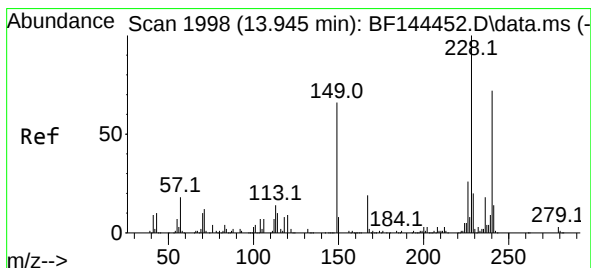
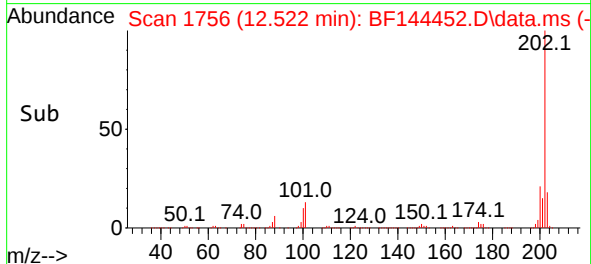
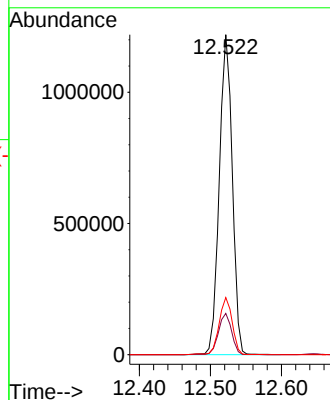
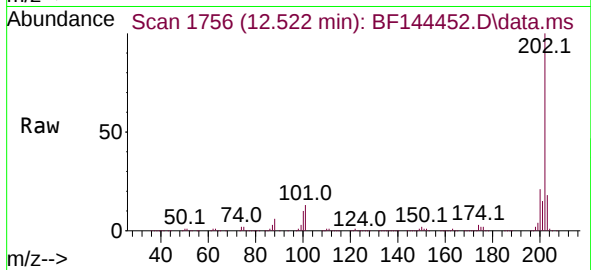




#75
Fluoranthene
Concen: 40.518 ng
RT: 12.522 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

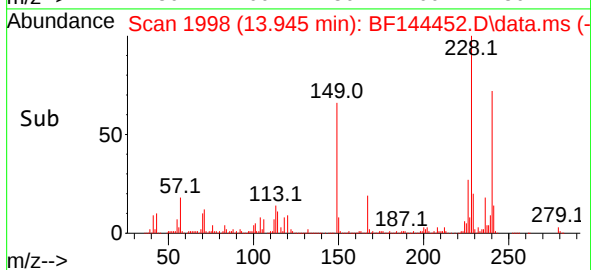
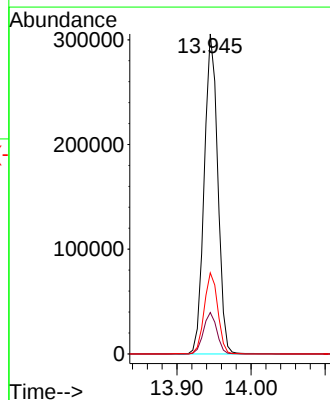
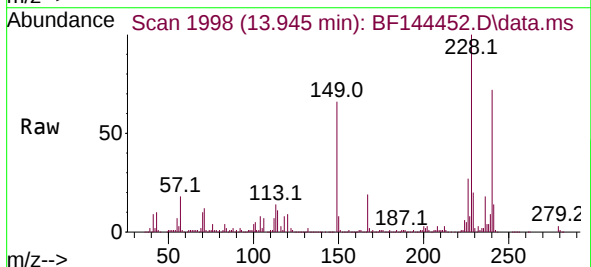
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

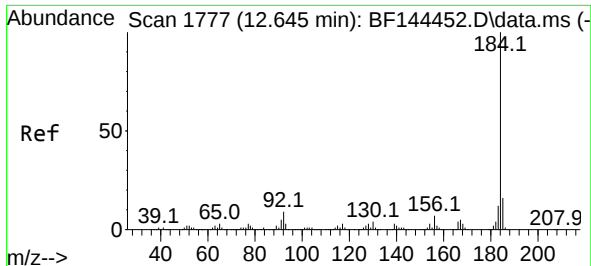
Tgt Ion:202 Resp: 1553400
Ion Ratio Lower Upper
202 100
101 12.9 0.0 32.9
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:240 Resp: 386587
Ion Ratio Lower Upper
240 100
120 12.9 10.3 15.5
236 25.3 20.2 30.4

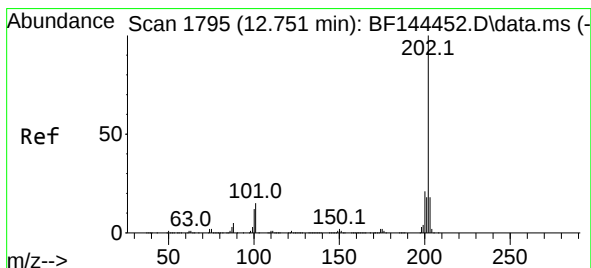
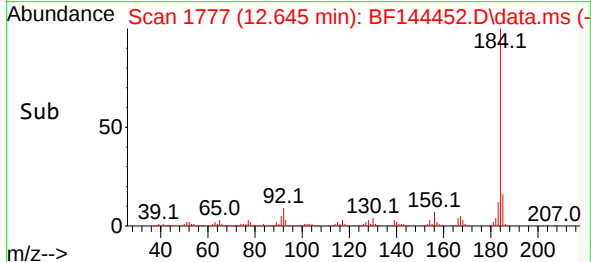
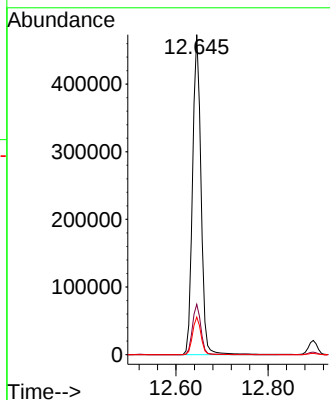
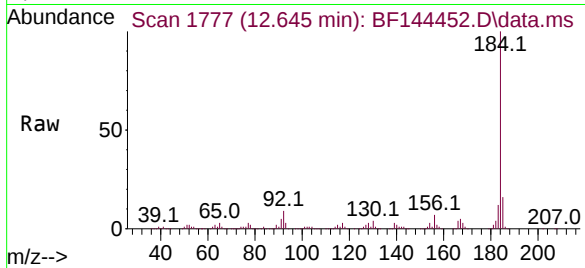




#77
Benzidine
Concen: 43.610 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

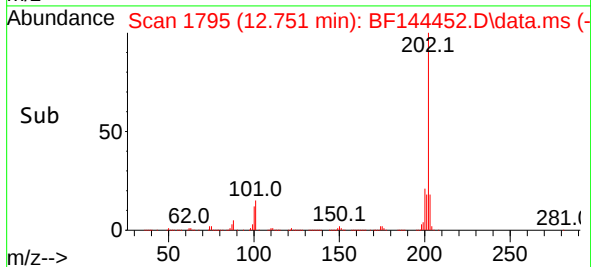
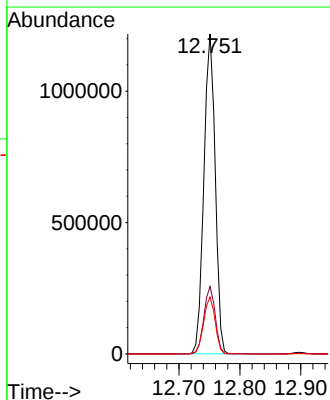
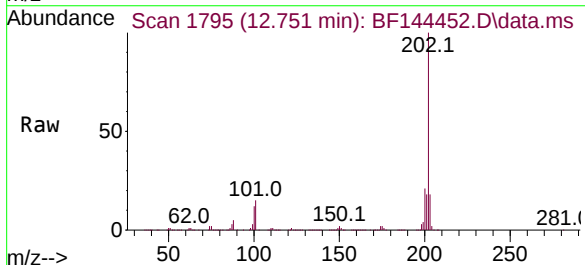
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

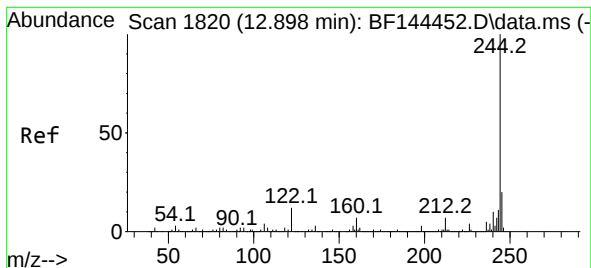
Tgt Ion:184 Resp: 600306
Ion Ratio Lower Upper
184 100
185 15.7 12.6 18.8
183 11.7 9.4 14.0



#78
Pyrene
Concen: 44.237 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:202 Resp: 1566798
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 86.118 ng

RT: 12.898 min Scan# 1820

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

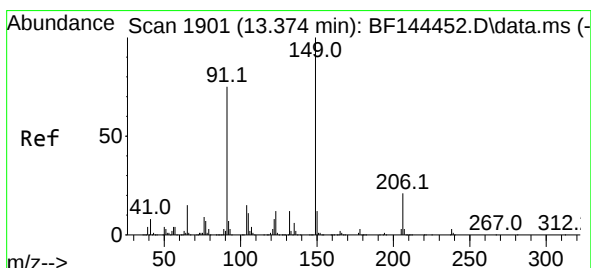
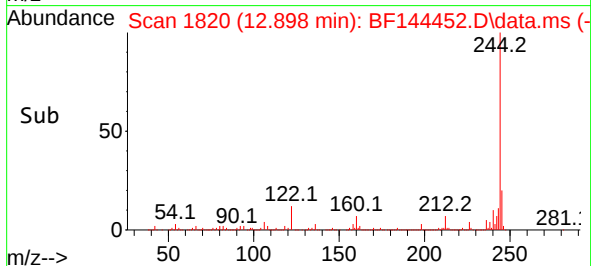
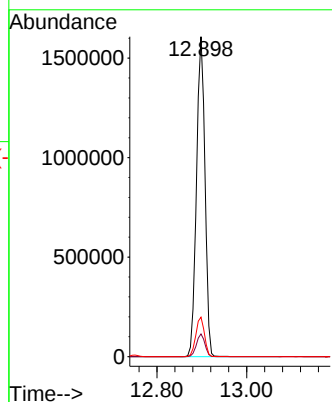
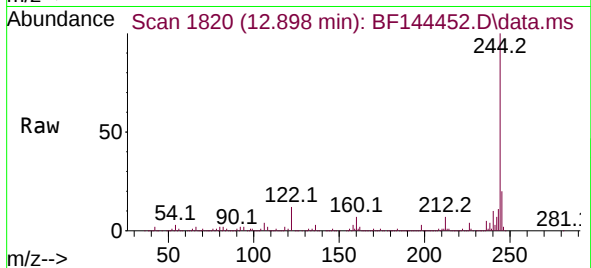
Tgt Ion:244 Resp: 2108711

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.4 9.9 14.9



#80

Butylbenzylphthalate

Concen: 42.023 ng

RT: 13.374 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

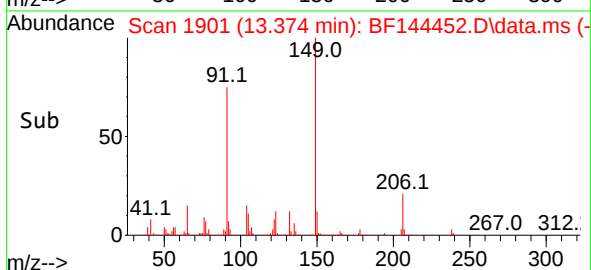
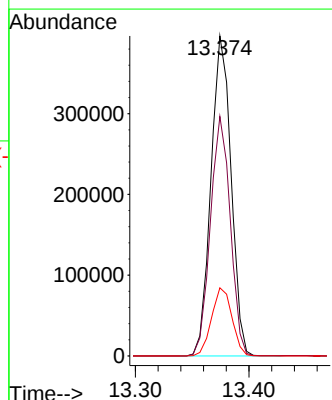
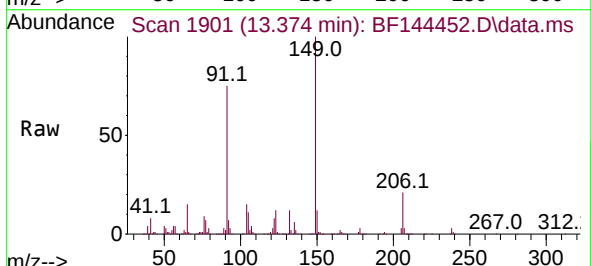
Tgt Ion:149 Resp: 487389

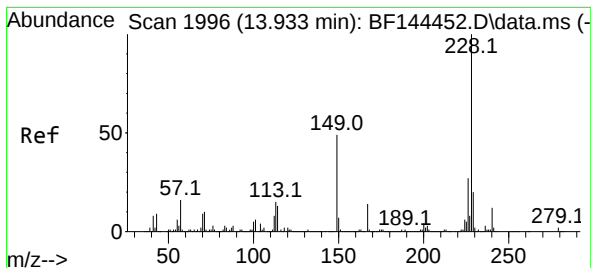
Ion Ratio Lower Upper

149 100

91 74.8 59.8 89.8

206 21.3 17.0 25.6





#81

Benzo(a)anthracene

Concen: 41.044 ng

RT: 13.933 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

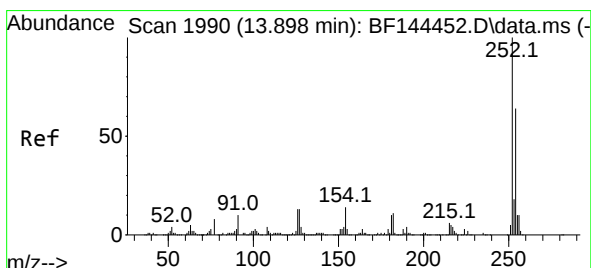
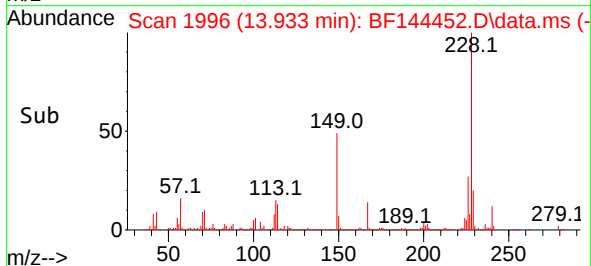
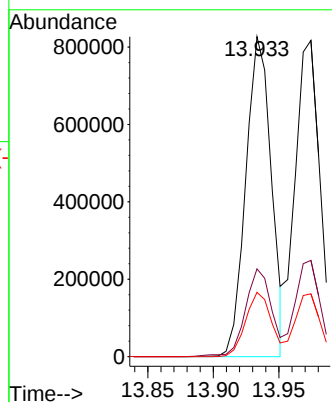
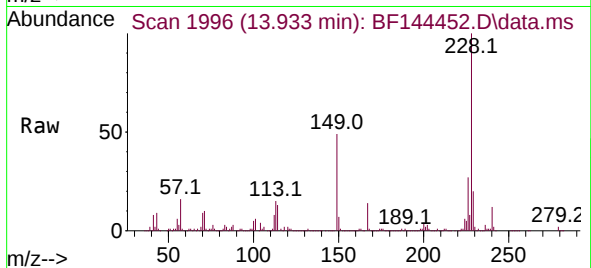
Tgt Ion:228 Resp: 1117370

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 43.061 ng

RT: 13.898 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

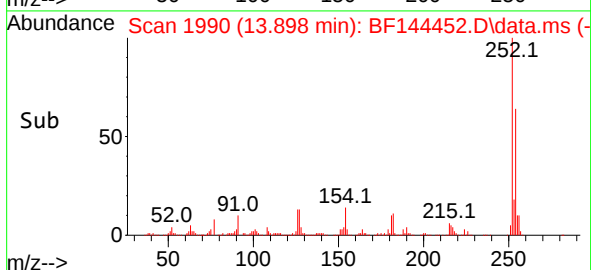
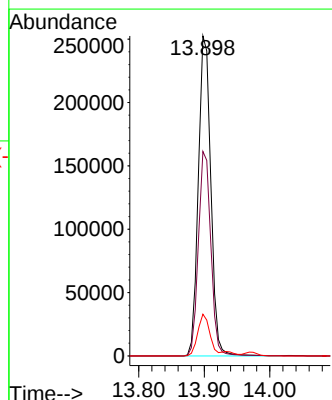
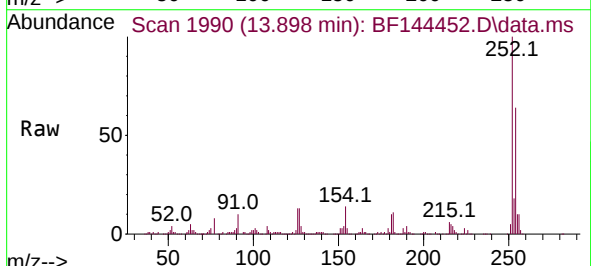
Tgt Ion:252 Resp: 332184

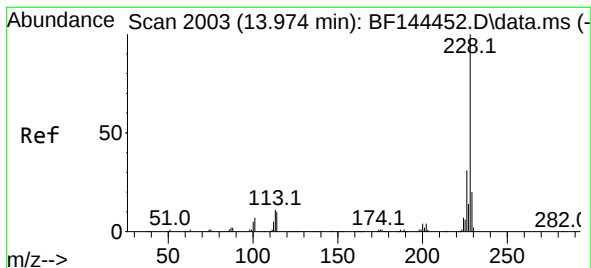
Ion Ratio Lower Upper

252 100

254 63.9 51.1 76.7

126 13.0 10.4 15.6





#83

Chrysene

Concen: 43.186 ng

RT: 13.974 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

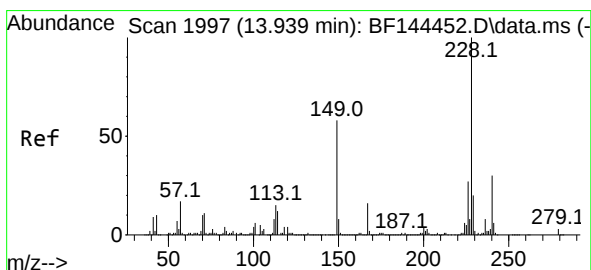
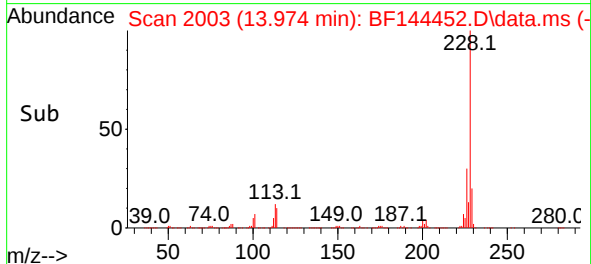
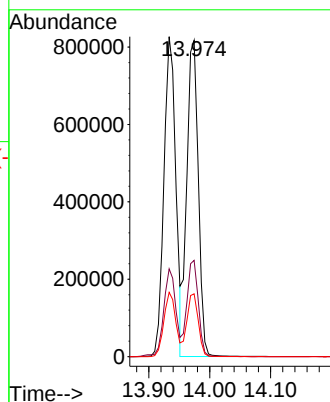
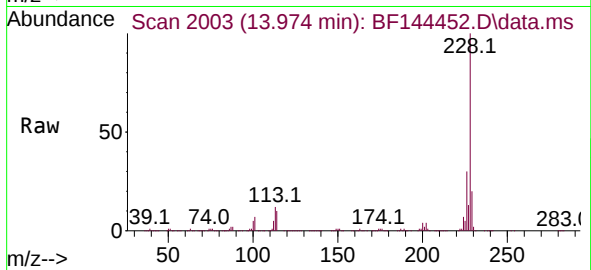
Tgt Ion:228 Resp: 1075980

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.968 ng

RT: 13.939 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

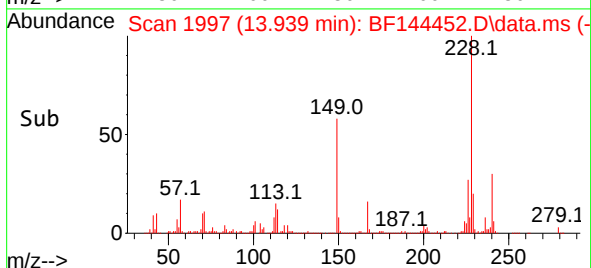
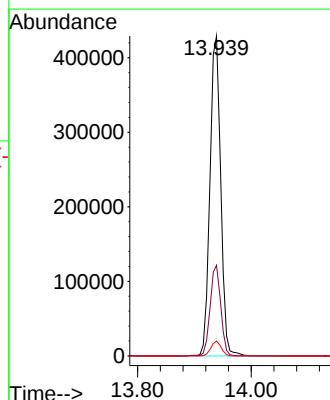
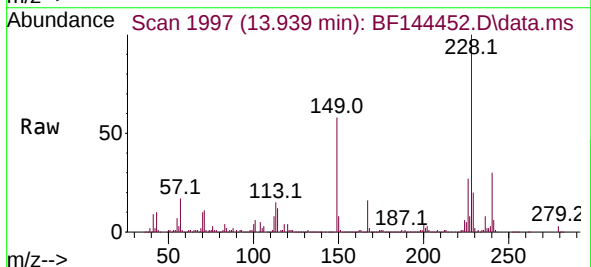
Tgt Ion:149 Resp: 567028

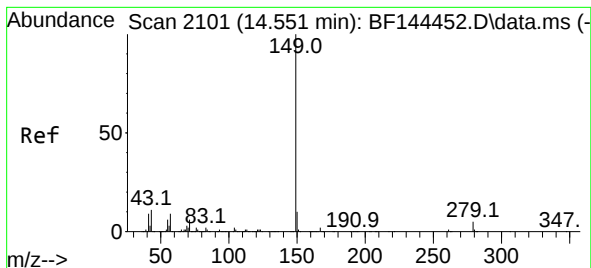
Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

279 4.6 3.7 5.5

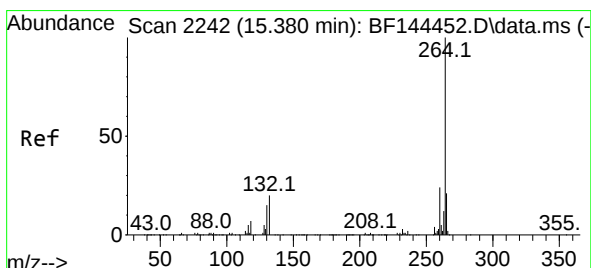
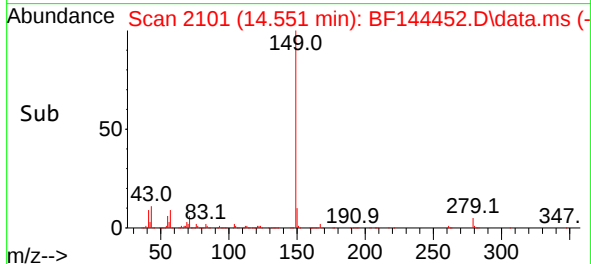
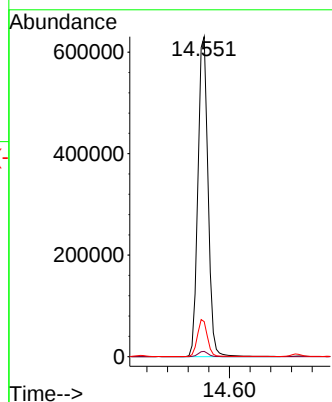
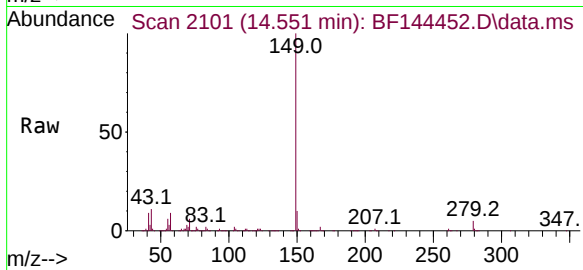




#85
Di-n-octyl phthalate
Concen: 41.605 ng
RT: 14.551 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

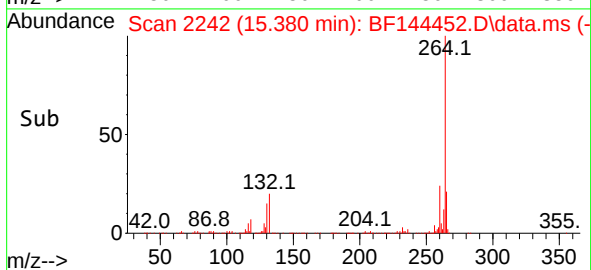
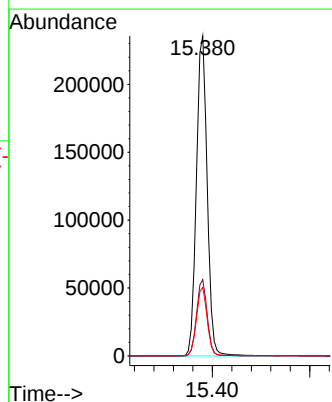
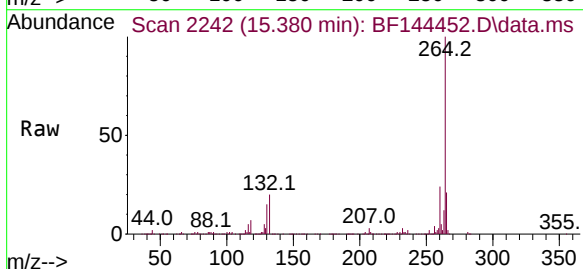
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

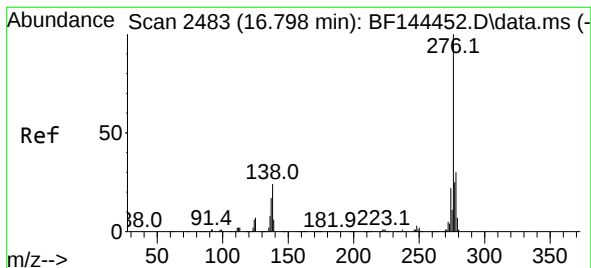
Tgt Ion:149 Resp: 852676
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2242
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:264 Resp: 360724
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.688 ng

RT: 16.798 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

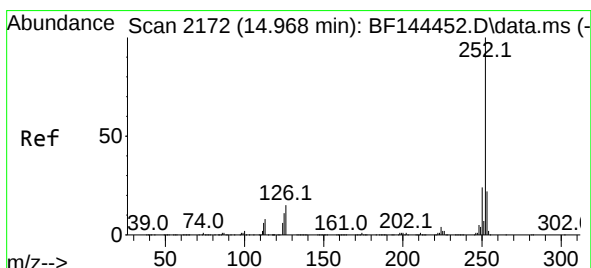
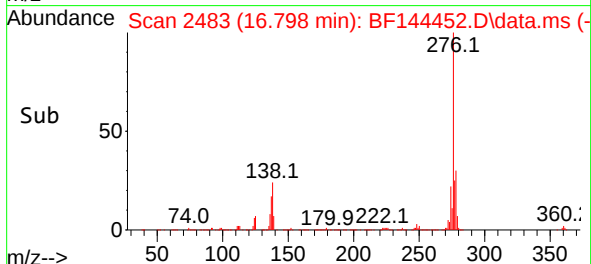
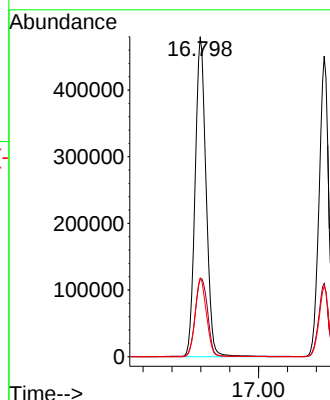
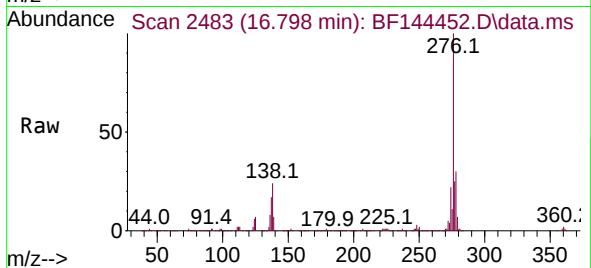
Tgt Ion:276 Resp: 1260621

Ion Ratio Lower Upper

276 100

138 27.4 21.9 32.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 41.682 ng

RT: 14.968 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BF144452.D

Acq: 12 Dec 2025 15:28

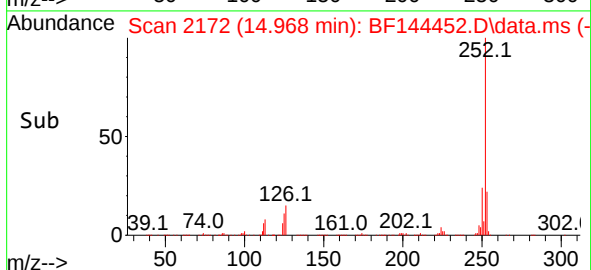
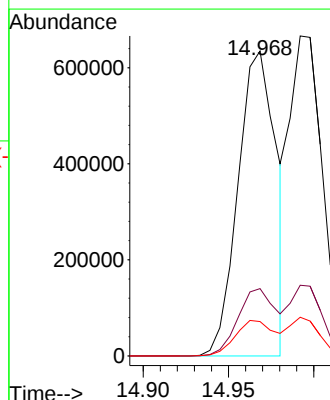
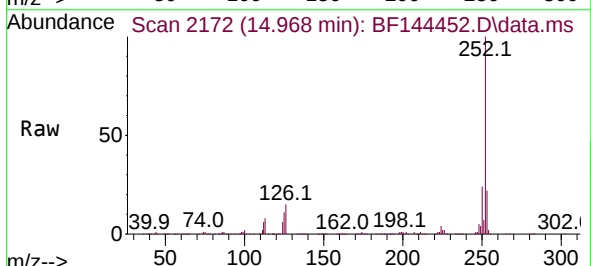
Tgt Ion:252 Resp: 987066

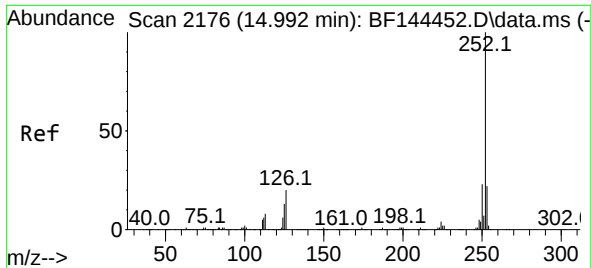
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.2 9.0 13.4

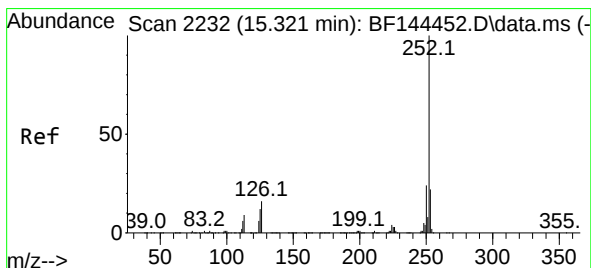
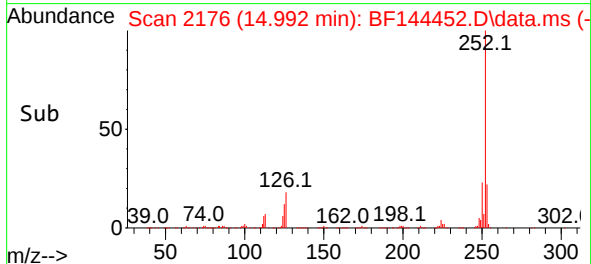
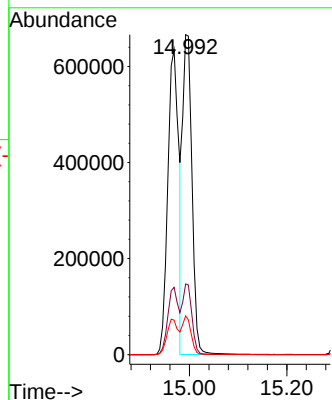
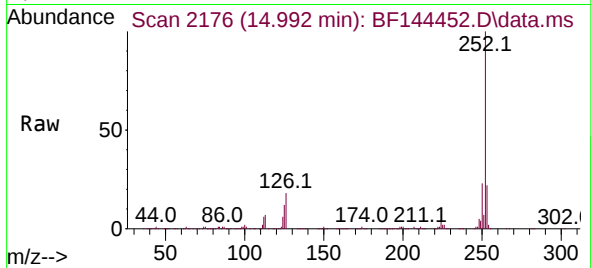




#89
Benzo(k)fluoranthene
Concen: 40.339 ng
RT: 14.992 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

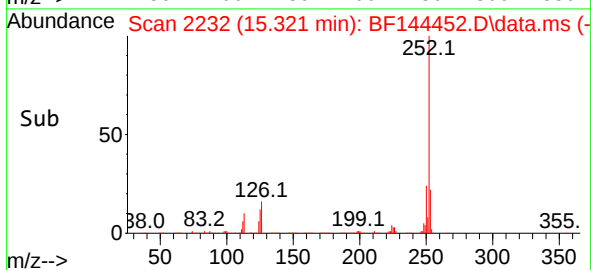
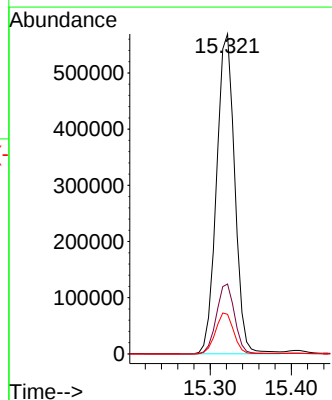
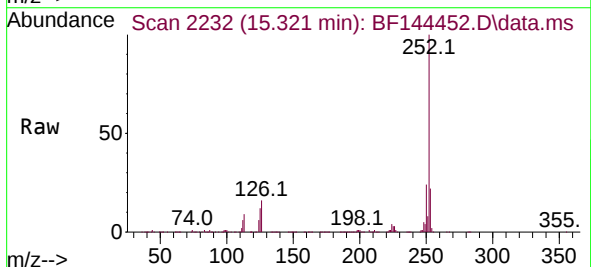
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

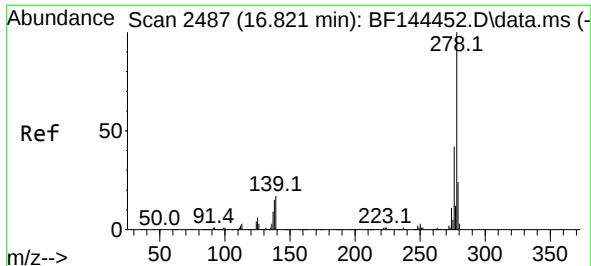
Tgt Ion:252 Resp: 903266
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.1 9.7 14.5



#90
Benzo(a)pyrene
Concen: 42.696 ng
RT: 15.321 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:252 Resp: 883775
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 12.4 9.9 14.9

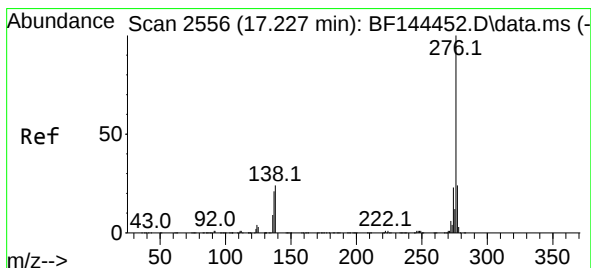
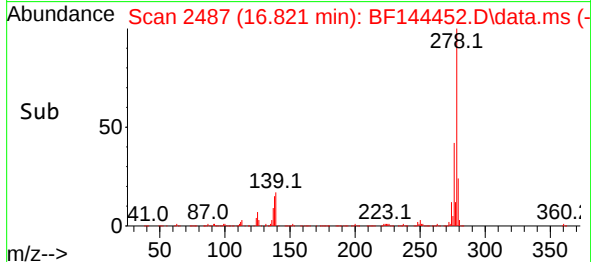
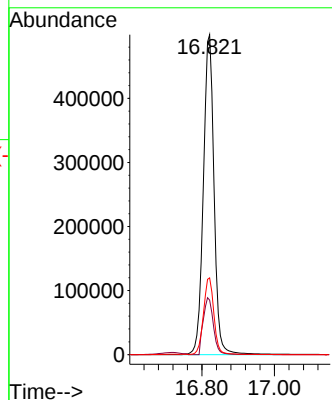
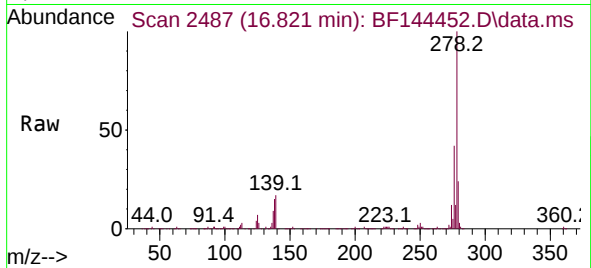




#91
Dibenzo(a,h)anthracene
Concen: 48.889 ng
RT: 16.821 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 1022278
Ion Ratio Lower Upper
278 100
139 17.0 13.6 20.4
279 24.0 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 48.321 ng
RT: 17.227 min Scan# 2556
Delta R.T. 0.000 min
Lab File: BF144452.D
Acq: 12 Dec 2025 15:28

Tgt Ion:276 Resp: 1027362
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 24.3 19.4 29.2

