

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144450.D
 Acq On : 12 Dec 2025 14:22
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Dec 12 16:23:22 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	6.798	152	203599	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	804986	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	431796	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	701480	20.000	ng	0.00
76) Chrysene-d12	13.945	240	407095	20.000	ng	0.00
86) Perylene-d12	15.380	264	388224	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1550344	114.815	ng	0.00
7) Phenol-d6	6.422	99	1930064	114.595	ng	0.00
23) Nitrobenzene-d5	7.363	82	1686103	131.074	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	498579	127.715	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2973028	105.625	ng	0.00
79) Terphenyl-d14	12.898	244	2935384	113.839	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.493	88	379624	58.467	ng 100
3) Pyridine	3.222	79	1062455	59.507	ng 100
4) n-Nitrosodimethylamine	3.181	42	458078	59.037	ng 100
6) Aniline	6.463	93	1355500	57.695	ng 100
8) 2-Chlorophenol	6.581	128	865585	59.791	ng 99
9) Benzaldehyde	6.345	77	800949	60.746	ng 98
10) Phenol	6.434	94	1138324	57.266	ng 97
11) bis(2-Chloroethyl)ether	6.534	93	830712	57.175	ng 99
12) 1,3-Dichlorobenzene	6.739	146	883414	56.480	ng 99
13) 1,4-Dichlorobenzene	6.816	146	885767	56.441	ng 99
14) 1,2-Dichlorobenzene	6.969	146	843798	56.617	ng 99
15) Benzyl Alcohol	6.939	79	737676	59.422	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1391622	56.755	ng 100
17) 2-Methylphenol	7.045	107	715267	58.613	ng 99
18) Hexachloroethane	7.310	117	325942	59.774	ng 100
19) n-Nitroso-di-n-propyla...	7.216	70	617903	58.080	ng 99
20) 3+4-Methylphenols	7.204	107	843426	56.250	ng 98
22) Acetophenone	7.210	105	1108235	55.504	ng 99
24) Nitrobenzene	7.381	77	899247	64.439	ng 99
25) Isophorone	7.622	82	1699476	58.539	ng 100
26) 2-Nitrophenol	7.698	139	374866	59.563	ng 97
27) 2,4-Dimethylphenol	7.734	122	813913	58.758	ng 99
28) bis(2-Chloroethoxy)met...	7.834	93	1013695	56.666	ng 99
29) 2,4-Dichlorophenol	7.934	162	702164	61.006	ng 100
30) 1,2,4-Trichlorobenzene	8.022	180	711575	57.001	ng 99
31) Naphthalene	8.104	128	2376721	54.859	ng 99
32) Benzoic acid	7.851	122	514235	58.747	ng 100
33) 4-Chloroaniline	8.151	127	979228	56.231	ng 99
34) Hexachlorobutadiene	8.222	225	438573	56.818	ng 99
35) Caprolactam	8.533	113	233037	61.312	ng 100
36) 4-Chloro-3-methylphenol	8.628	107	748091	59.872	ng 100
37) 2-Methylnaphthalene	8.792	142	1576198	55.296	ng 99
38) 1-Methylnaphthalene	8.892	142	1525848	54.974	ng 99
40) 1,2,4,5-Tetrachloroben...	8.957	216	689455	56.104	ng 99
41) Hexachlorocyclopentadiene	8.945	237	456330	62.744	ng 99
43) 2,4,6-Trichlorophenol	9.063	196	480451	61.566	ng 99

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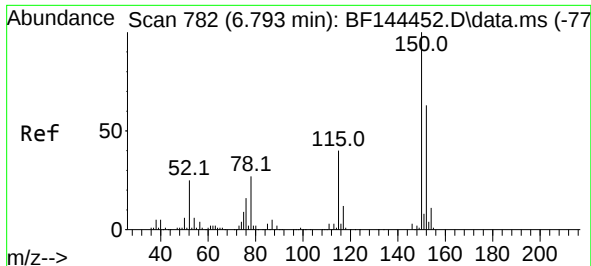
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	524426	64.027	ng	99
46) 1,1'-Biphenyl	9.257	154	1869648	55.406	ng	100
47) 2-Chloronaphthalene	9.281	162	1445106	56.098	ng	99
48) 2-Nitroaniline	9.375	65	449164	59.821	ng	99
49) Acenaphthylene	9.692	152	2304677	56.468	ng	99
50) Dimethylphthalate	9.557	163	1695794	58.141	ng	100
51) 2,6-Dinitrotoluene	9.616	165	325341	59.821	ng	95
52) Acenaphthene	9.869	154	1431885	56.268	ng	100
53) 3-Nitroaniline	9.786	138	393992	59.493	ng	99
54) 2,4-Dinitrophenol	9.886	184	135947	59.679	ng	# 54
55) Dibenzofuran	10.039	168	1997904	55.179	ng	100
56) 4-Nitrophenol	9.933	139	320310	64.488	ng	100
57) 2,4-Dinitrotoluene	10.016	165	451058	60.667	ng	98
58) Fluorene	10.380	166	1477551	53.891	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	404265	65.020	ng	100
60) Diethylphthalate	10.257	149	1620866	58.636	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	733287	54.511	ng	99
62) 4-Nitroaniline	10.398	138	392622	60.213	ng	98
63) Azobenzene	10.533	77	1660127	56.825	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	198307	59.624	ng	90
66) n-Nitrosodiphenylamine	10.492	169	1373046	57.117	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	478771	58.464	ng	97
68) Hexachlorobenzene	10.927	284	527410	58.341	ng	97
69) Atrazine	11.022	200	457935	60.817	ng	100
70) Pentachlorophenol	11.116	266	329412	63.884	ng	99
71) Phenanthrene	11.339	178	2230619	55.158	ng	99
72) Anthracene	11.392	178	2289708	55.941	ng	100
73) Carbazole	11.545	167	1968004	55.384	ng	99
74) Di-n-butylphthalate	11.880	149	2283151	60.108	ng	99
75) Fluoranthene	12.521	202	2188942	54.813	ng	99
77) Benzidine	12.645	184	824090	56.852	ng	99
78) Pyrene	12.751	202	2214882	59.384	ng	99
80) Butylbenzylphthalate	13.374	149	753778	60.190	ng	100
81) Benzo(a)anthracene	13.939	228	1666488	58.130	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	490558	60.388	ng	100
83) Chrysene	13.974	228	1485265	56.610	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	860099	59.172	ng	100
85) Di-n-octyl phthalate	14.551	149	1353915	59.432	ng	100
87) Indeno(1,2,3-cd)pyrene	16.804	276	1877153	67.364	ng	100
88) Benzo(b)fluoranthene	14.968	252	1418748	55.667	ng	100
89) Benzo(k)fluoranthene	14.998	252	1395107	57.891	ng	99
90) Benzo(a)pyrene	15.321	252	1327344	59.582	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	1493109	66.347	ng	98
92) Benzo(g,h,i)perylene	17.233	276	1524552	66.626	ng	99

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

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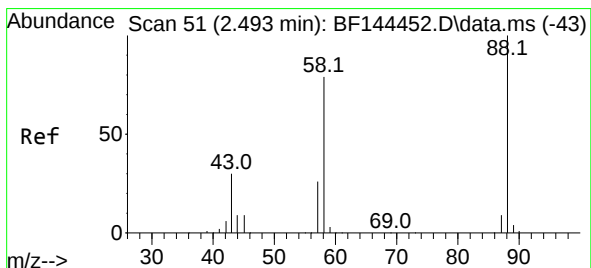
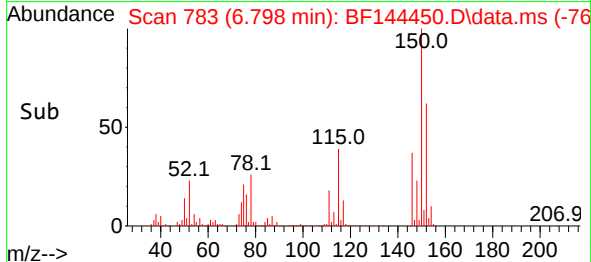
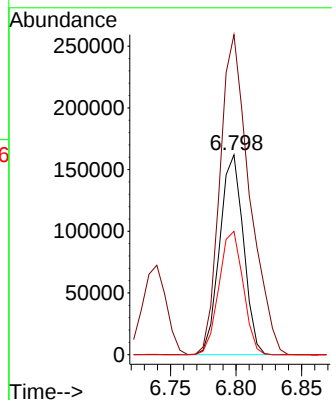
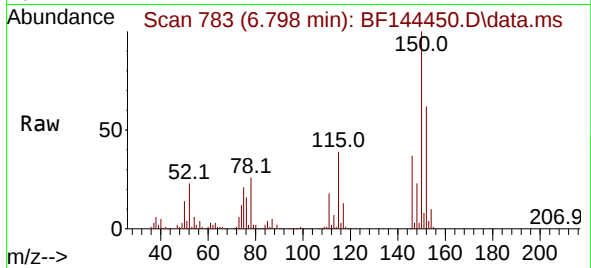




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: BF144450.D
 Acq: 12 Dec 2025 14:22

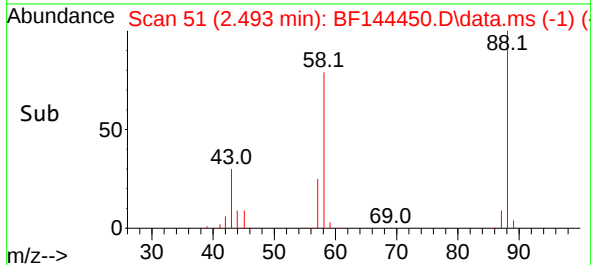
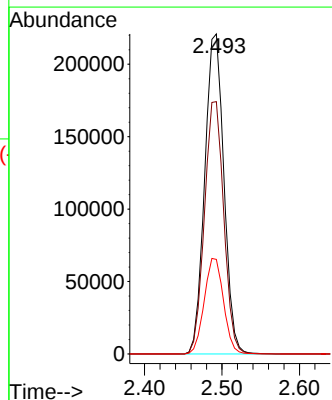
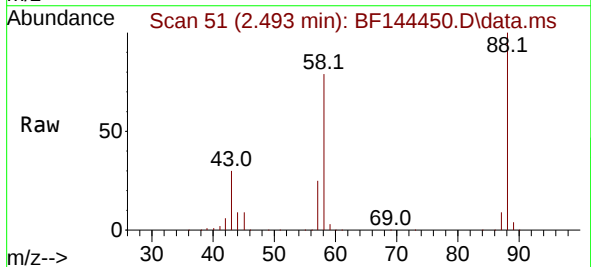
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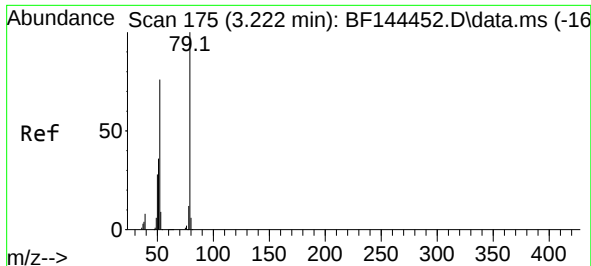
Tgt Ion:152 Resp: 203599
 Ion Ratio Lower Upper
 152 100
 150 160.2 127.4 191.2
 115 61.7 51.4 77.0



#2
 1,4-Dioxane
 Concen: 58.467 ng
 RT: 2.493 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BF144450.D
 Acq: 12 Dec 2025 14:22

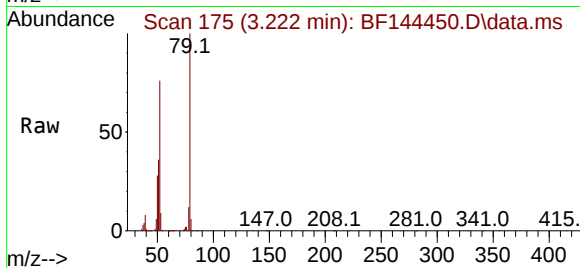
Tgt Ion: 88 Resp: 379624
 Ion Ratio Lower Upper
 88 100
 58 79.5 63.9 95.9
 43 30.1 24.2 36.4



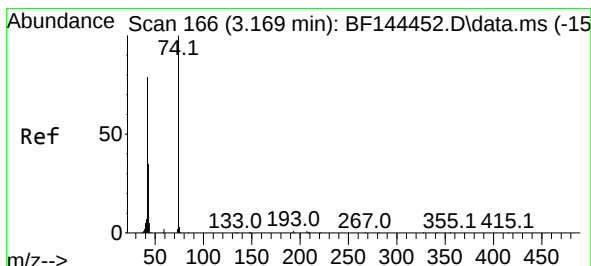
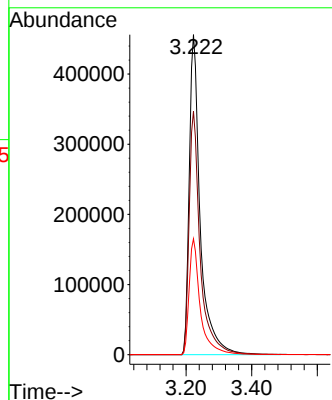
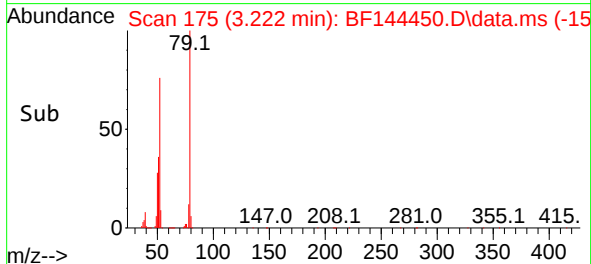


#3
Pyridine
Concen: 59.507 ng
RT: 3.222 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

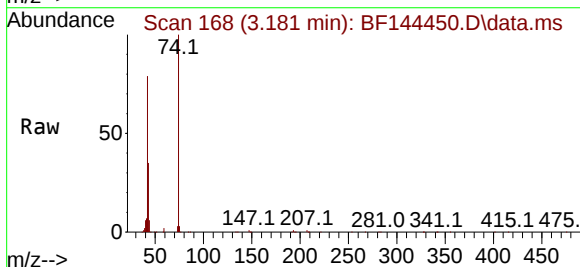
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ClientSampleId :
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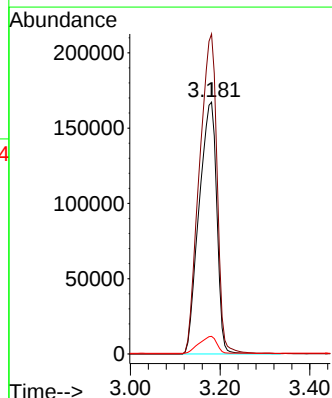
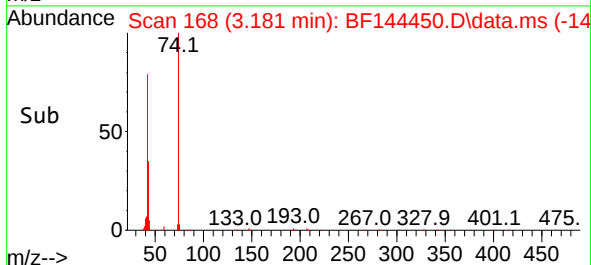
Tgt Ion: 79 Resp: 1062455
Ion Ratio Lower Upper
79 100
52 76.1 60.5 90.7
51 36.2 29.0 43.6

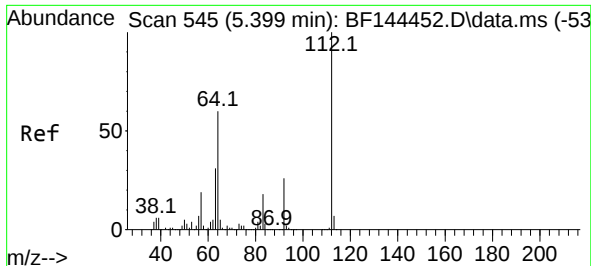


#4
n-Nitrosodimethylamine
Concen: 59.037 ng
RT: 3.181 min Scan# 168
Delta R.T. 0.012 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22



Tgt Ion: 42 Resp: 458078
Ion Ratio Lower Upper
42 100
74 127.0 101.8 152.8
44 7.0 5.7 8.5

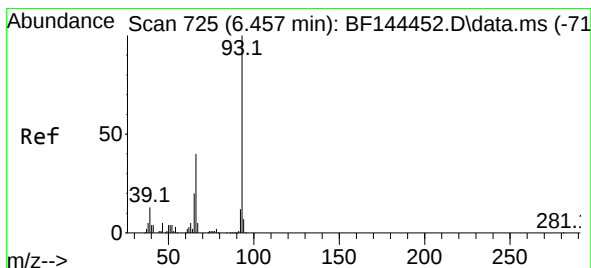
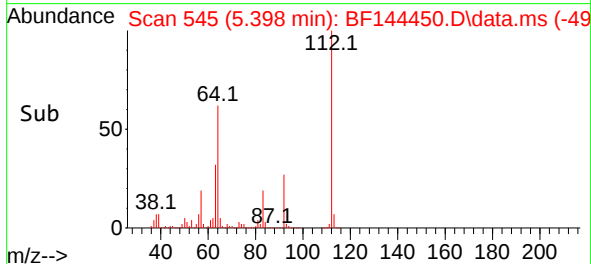
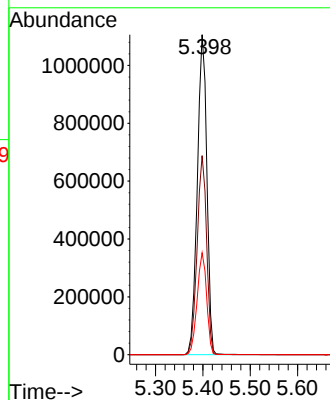
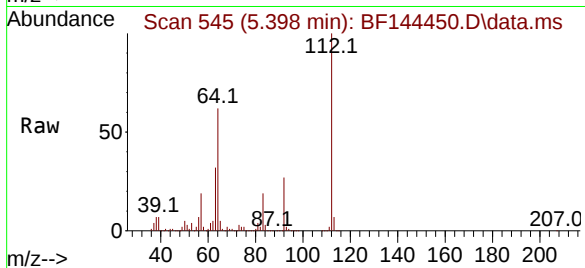




#5
2-Fluorophenol
Concen: 114.815 ng
RT: 5.398 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

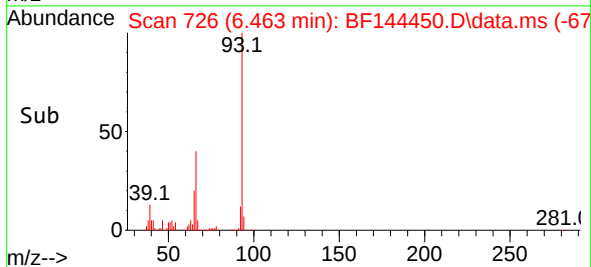
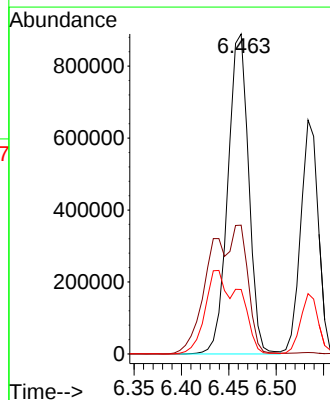
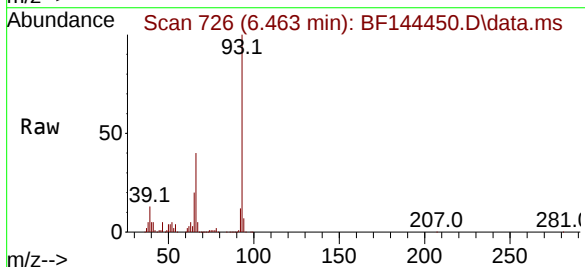
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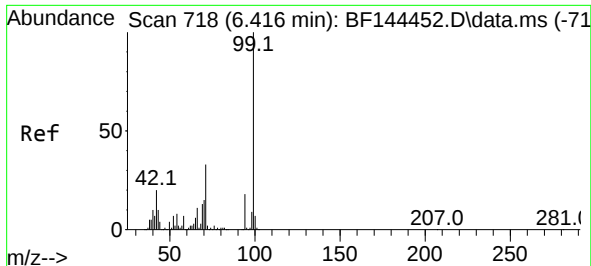
Tgt Ion:112 Resp: 1550344
Ion Ratio Lower Upper
112 100
64 62.2 47.8 71.6
63 31.9 24.6 37.0



#6
Aniline
Concen: 57.695 ng
RT: 6.463 min Scan# 726
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion: 93 Resp: 1355500
Ion Ratio Lower Upper
93 100
66 40.2 32.4 48.6
65 20.2 16.1 24.1

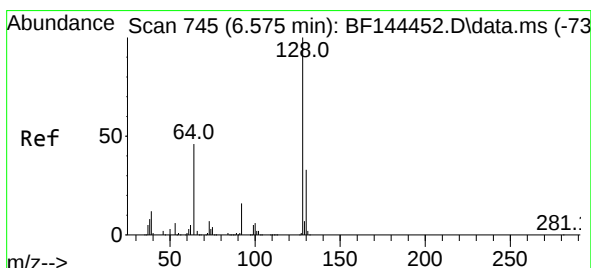
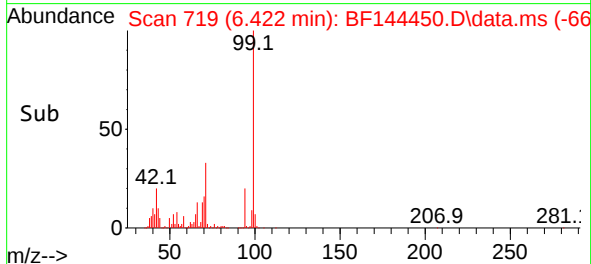
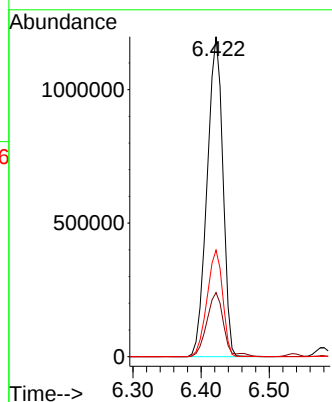
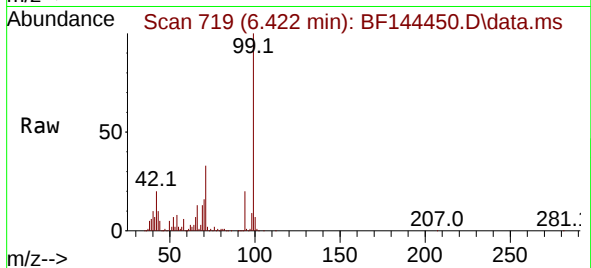




#7
Phenol-d6
Concen: 114.595 ng
RT: 6.422 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

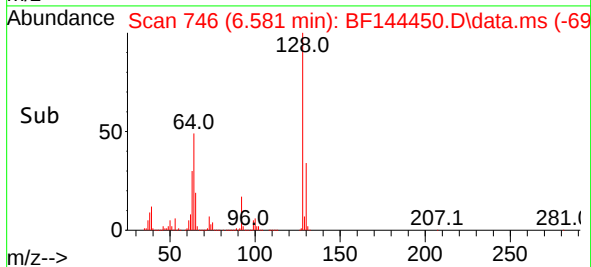
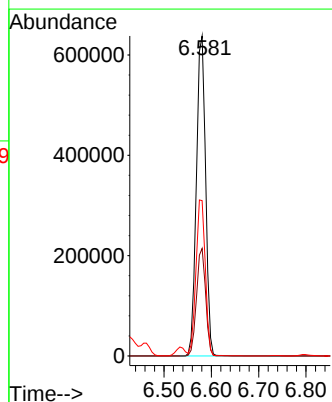
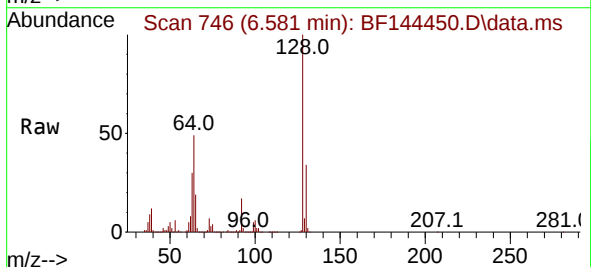
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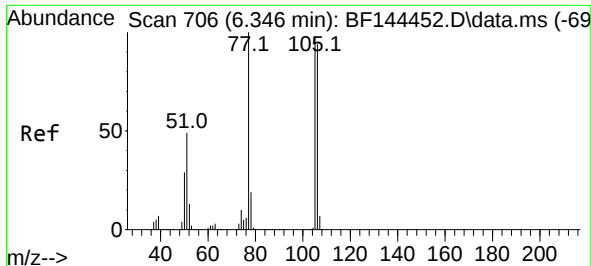
Tgt Ion: 99 Resp: 1930064
Ion Ratio Lower Upper
99 100
42 20.0 15.7 23.5
71 33.3 26.4 39.6



#8
2-Chlorophenol
Concen: 59.791 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion: 128 Resp: 865585
Ion Ratio Lower Upper
128 100
130 33.6 13.0 53.0
64 48.6 28.9 68.9

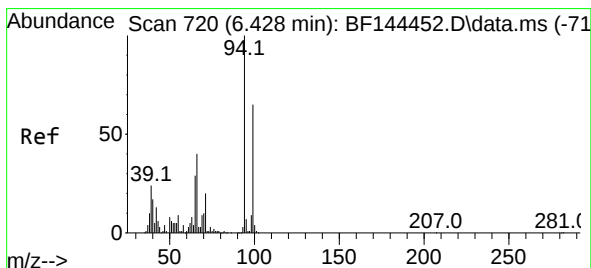
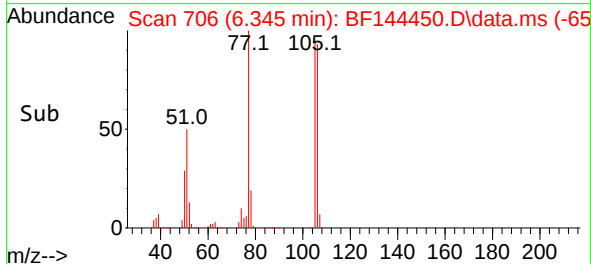
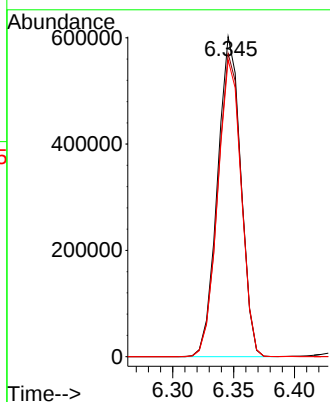
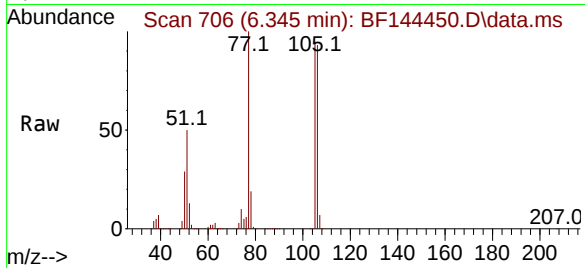




#9
Benzaldehyde
Concen: 60.746 ng
RT: 6.345 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

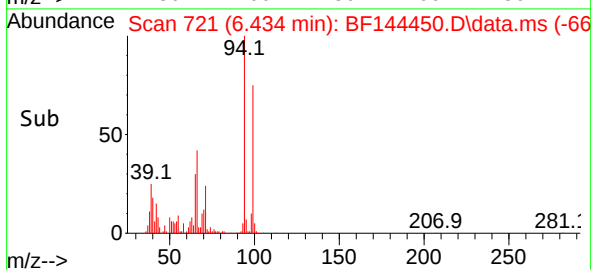
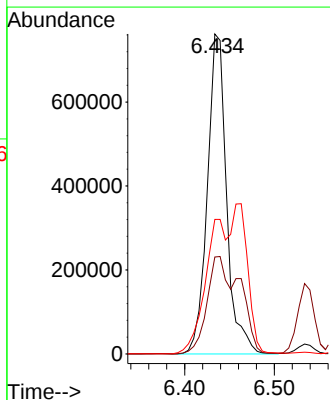
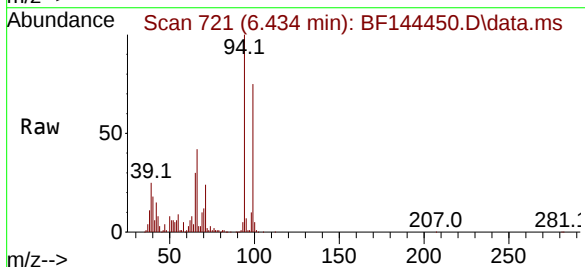
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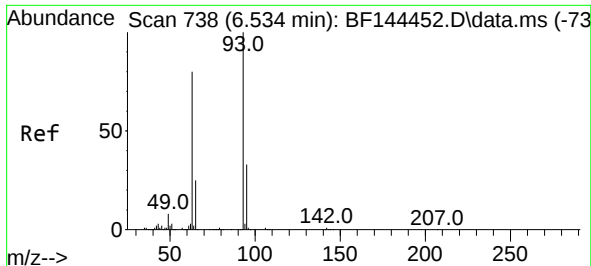
Tgt Ion: 77 Resp: 800949
Ion Ratio Lower Upper
77 100
105 94.7 77.0 117.0
106 92.8 74.1 114.1



#10
Phenol
Concen: 57.266 ng
RT: 6.434 min Scan# 721
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion: 94 Resp: 1138324
Ion Ratio Lower Upper
94 100
65 30.3 9.1 49.1
66 42.0 20.3 60.3

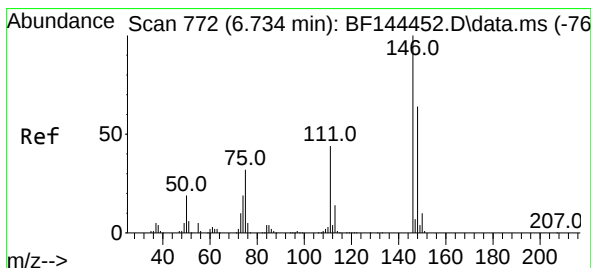
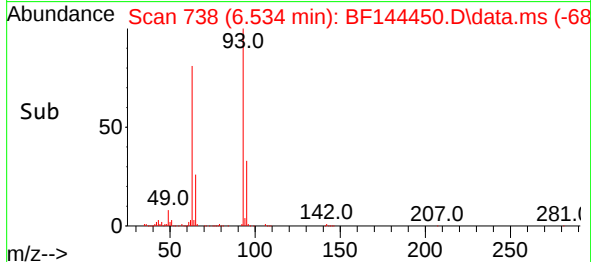
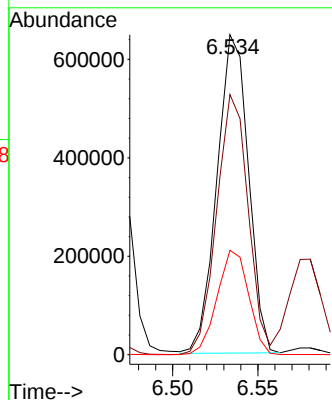
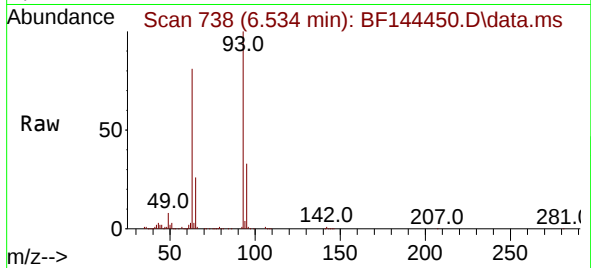




#11
bis(2-Chloroethyl)ether
Concen: 57.175 ng
RT: 6.534 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

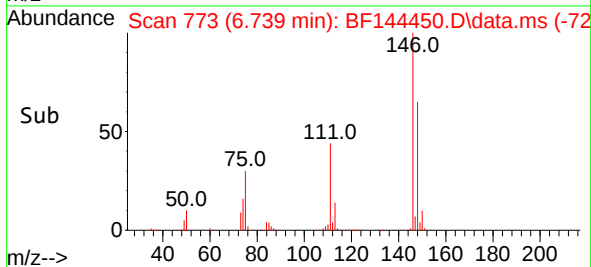
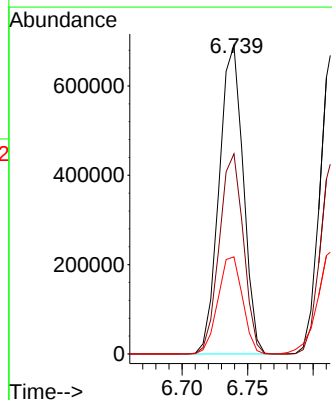
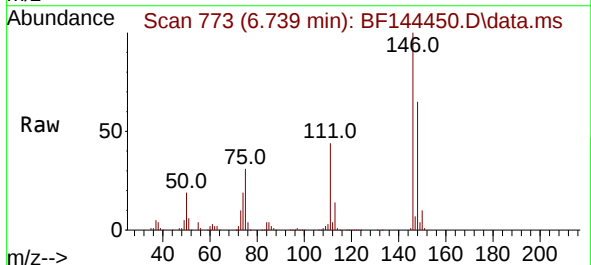
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

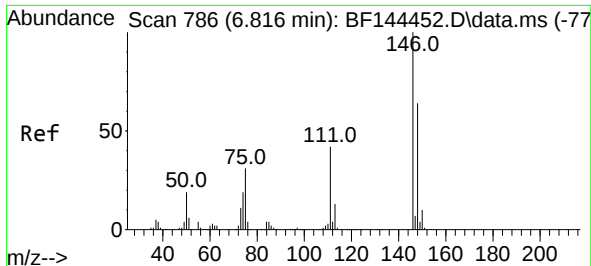
Tgt Ion: 93 Resp: 830712
Ion Ratio Lower Upper
93 100
63 81.3 59.8 99.8
95 32.6 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 56.480 ng
RT: 6.739 min Scan# 773
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:146 Resp: 883414
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
75 31.5 25.8 38.8

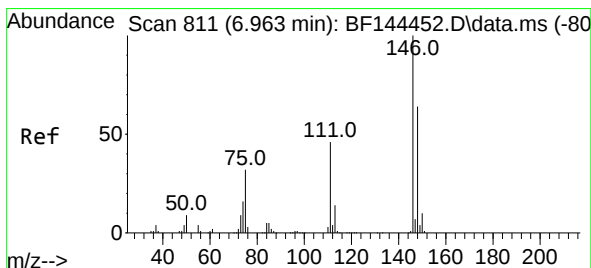
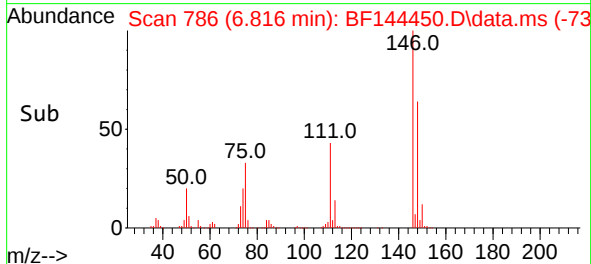
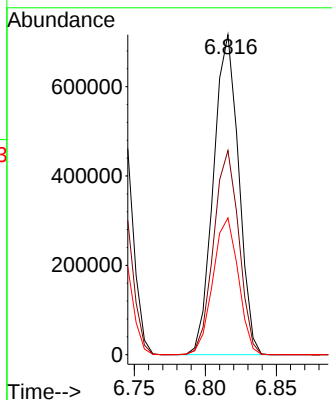
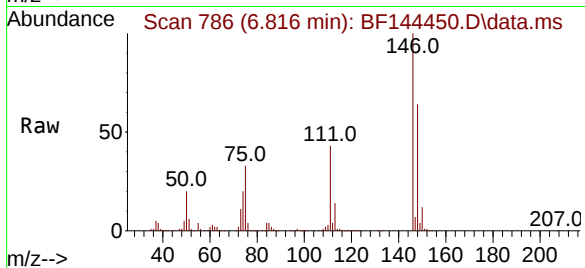




#13
1,4-Dichlorobenzene
Concen: 56.441 ng
RT: 6.816 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

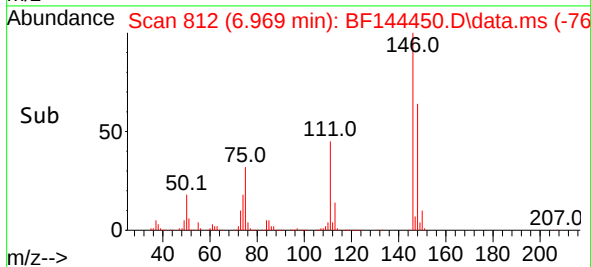
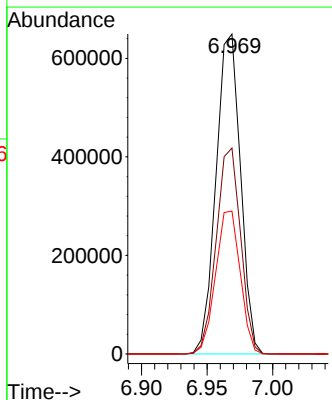
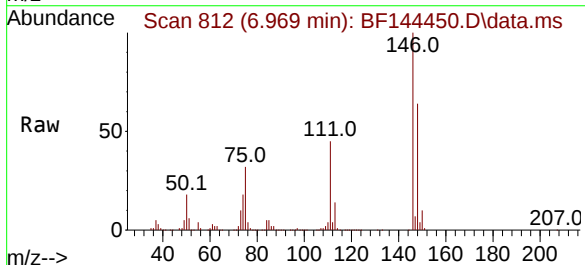
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

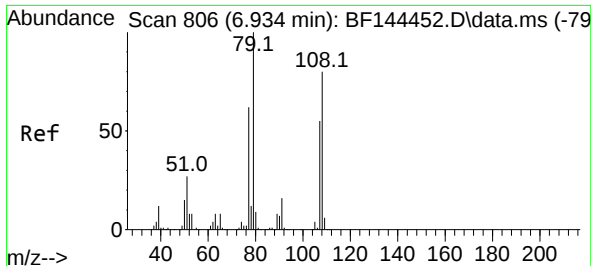
Tgt Ion:146 Resp: 885767
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 42.8 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 56.617 ng
RT: 6.969 min Scan# 812
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:146 Resp: 843798
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 44.6 36.5 54.7

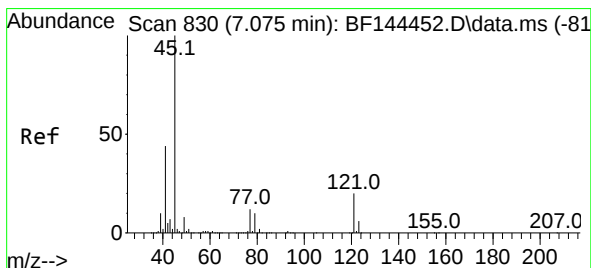
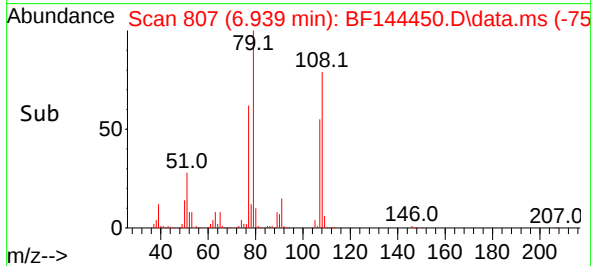
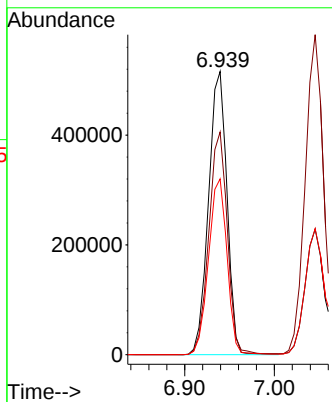
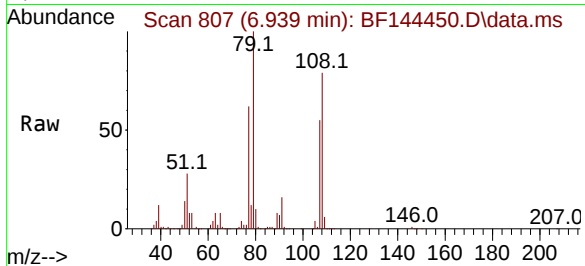




#15
Benzyl Alcohol
Concen: 59.422 ng
RT: 6.939 min Scan# 806
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

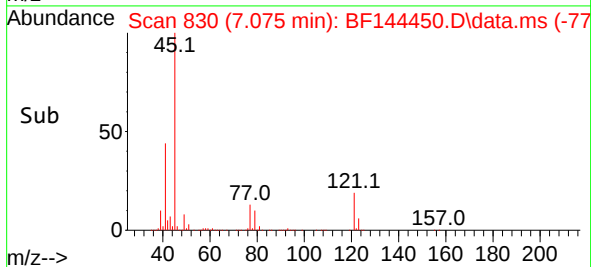
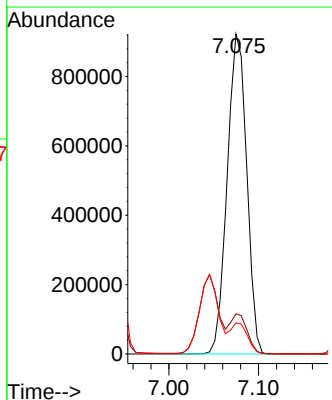
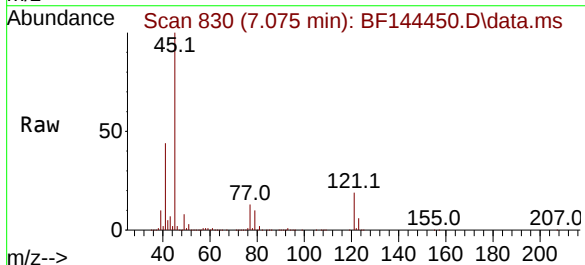
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

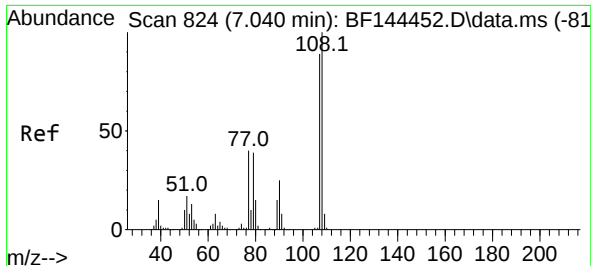
Tgt Ion: 79 Resp: 737676
Ion Ratio Lower Upper
79 100
108 78.7 63.7 95.5
77 62.1 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.755 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

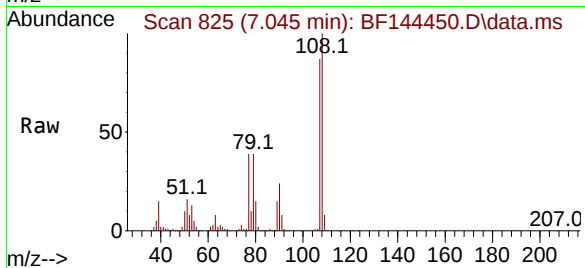
Tgt Ion: 45 Resp: 1391622
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.6
79 9.7 0.0 29.9



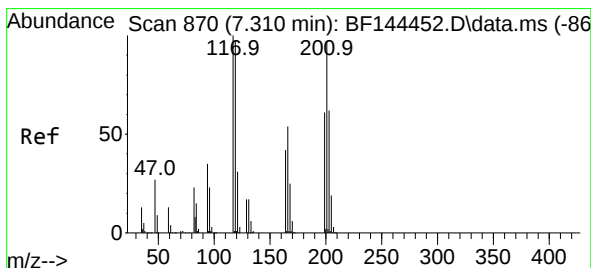
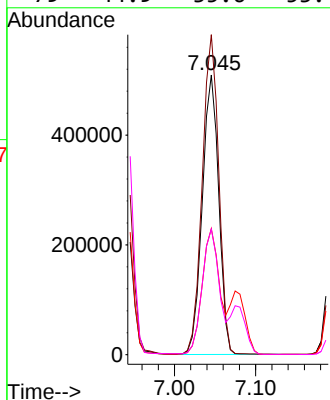
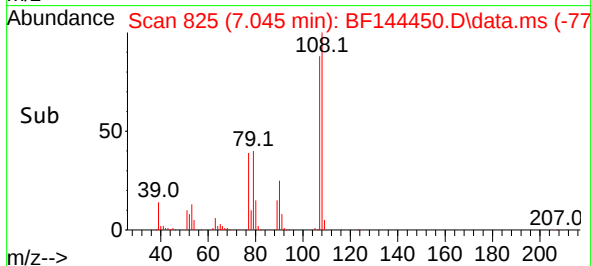


#17
2-Methylphenol
Concen: 58.613 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

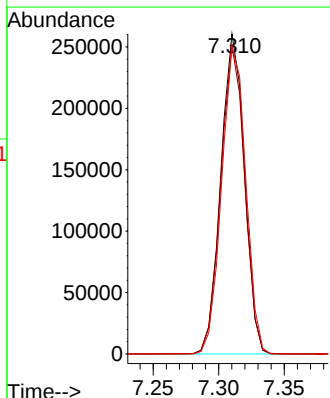
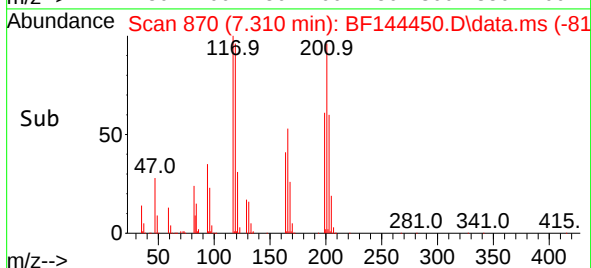
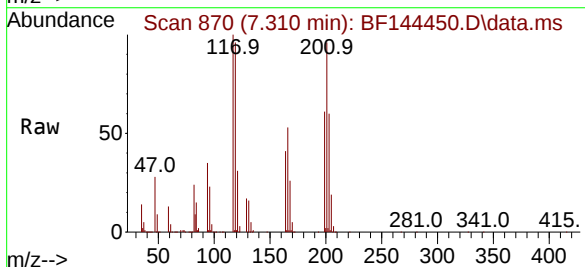


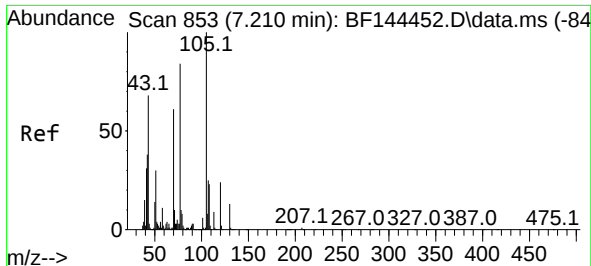
Tgt Ion:	107	Resp:	715267
Ion	Ratio	Lower	Upper
107	100		
108	114.4	89.9	134.9
77	45.1	35.7	53.5
79	44.9	35.6	53.4



#18
Hexachloroethane
Concen: 59.774 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:	117	Resp:	325942
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.5	116.3
201	96.2	77.3	115.9





#19

n-Nitroso-di-n-propylamine

Concen: 58.080 ng

RT: 7.216 min Scan# 8

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 617903

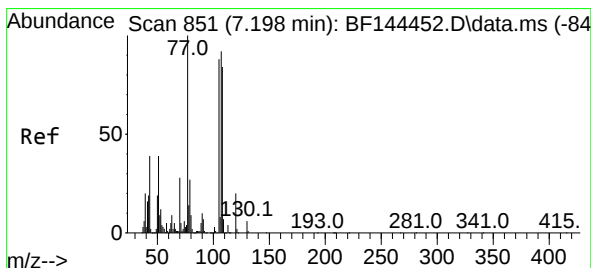
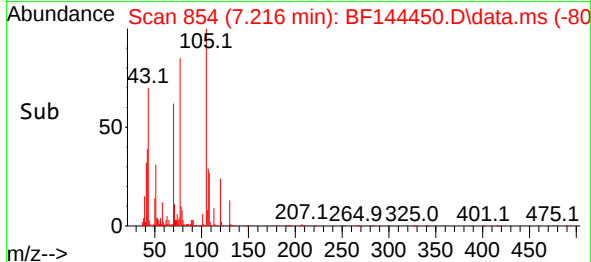
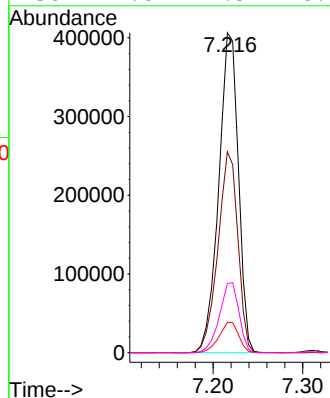
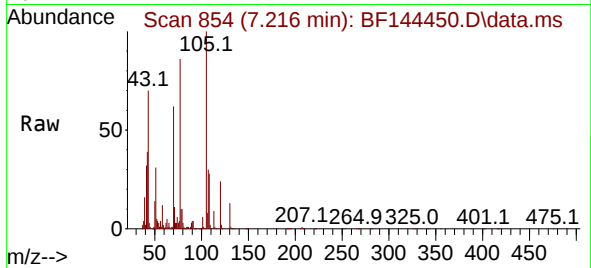
Ion Ratio Lower Upper

70 100

42 62.8 49.4 74.0

101 9.5 7.8 11.6

130 21.6 17.5 26.3



#20

3+4-Methylphenols

Concen: 56.250 ng

RT: 7.204 min Scan# 852

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Tgt Ion: 107 Resp: 843426

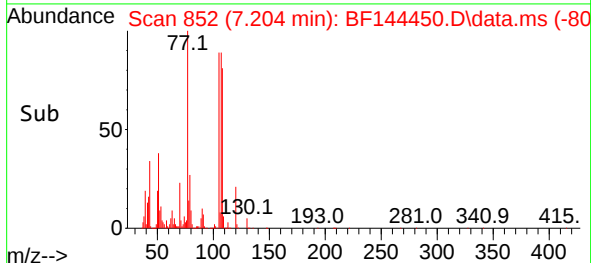
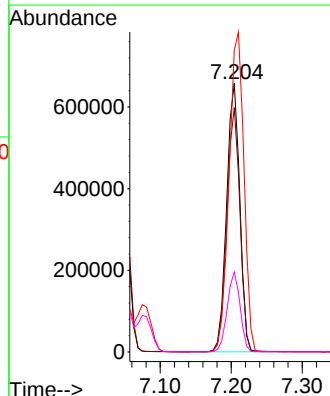
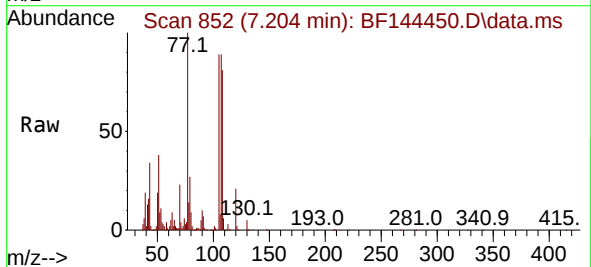
Ion Ratio Lower Upper

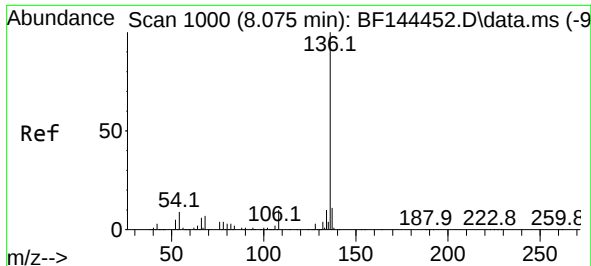
107 100

108 90.9 71.5 111.5

77 112.4 88.5 128.5

79 29.8 9.3 49.3



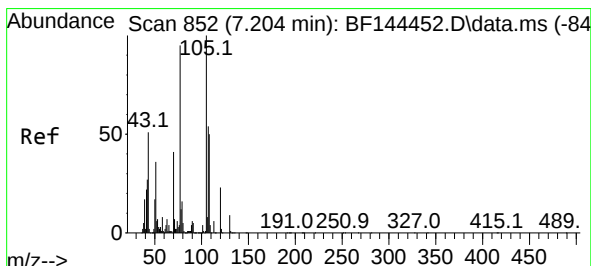
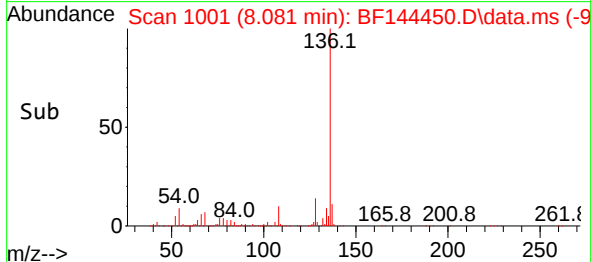
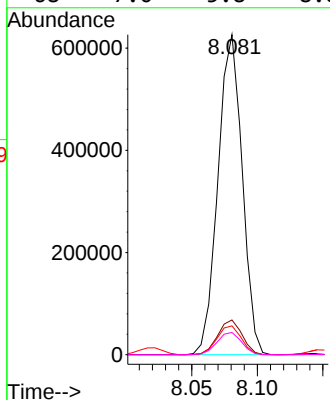
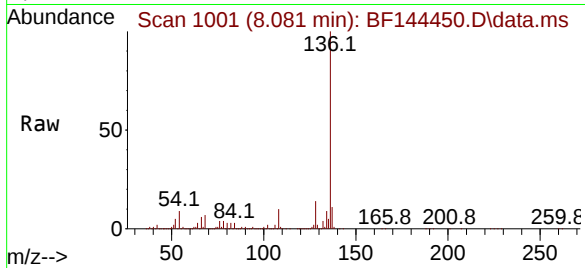


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 804986

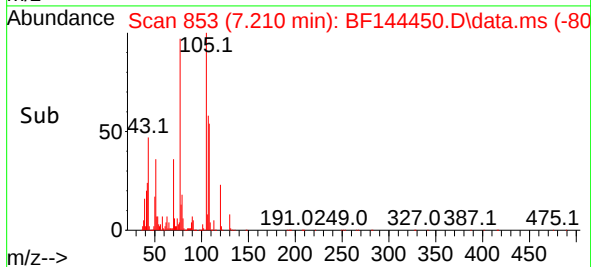
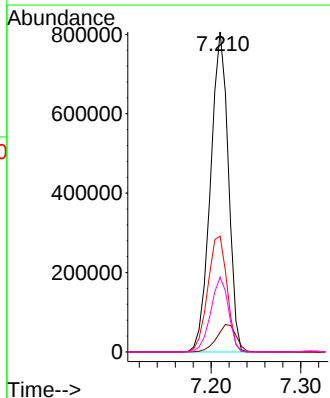
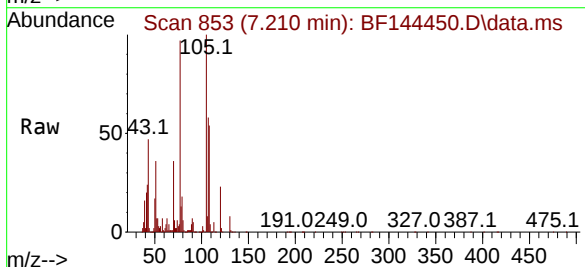
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.0	7.5	11.3
68	7.0	5.8	8.8

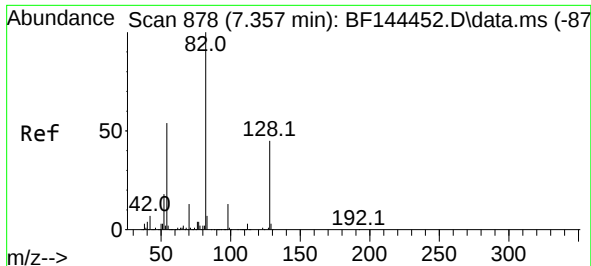


#22
Acetophenone
Concen: 55.504 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:105 Resp: 1108235

Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.6	8.4
51	36.2	28.6	42.8
120	23.4	18.6	27.8

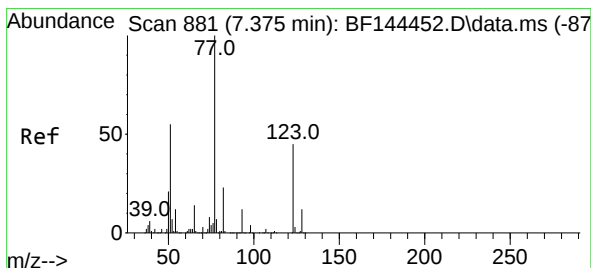
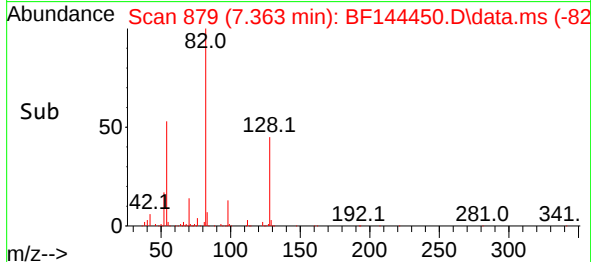
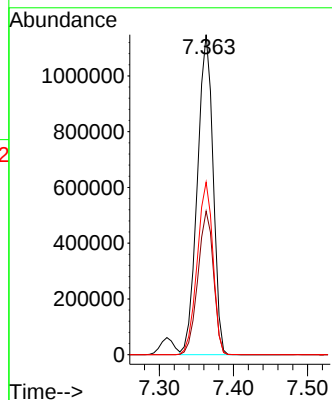
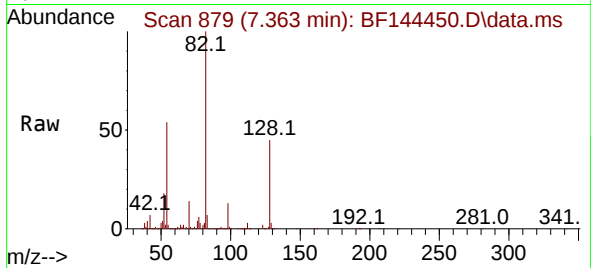




#23
Nitrobenzene-d5
Concen: 131.074 ng
RT: 7.363 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

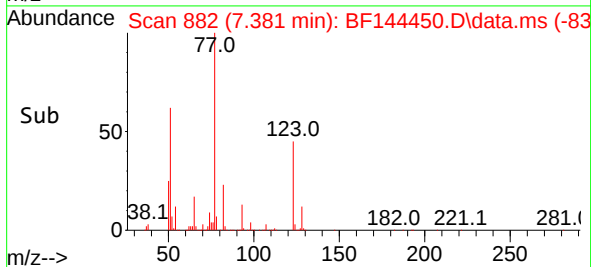
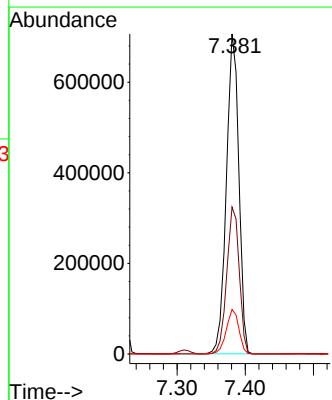
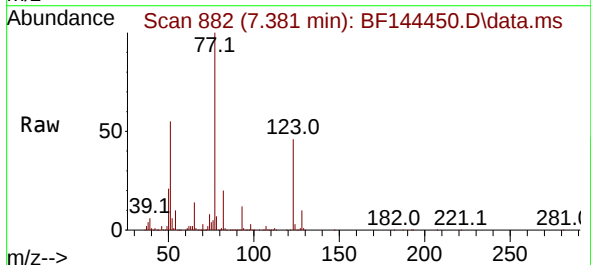
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

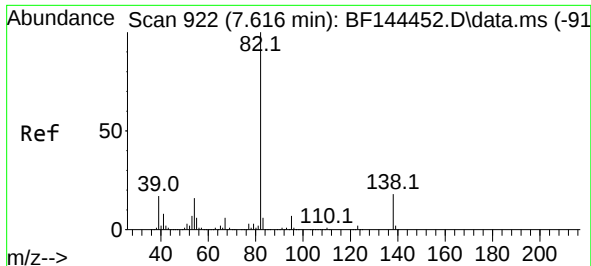
Tgt Ion: 82 Resp: 1686103
Ion Ratio Lower Upper
82 100
128 44.9 35.5 53.3
54 53.9 43.3 64.9



#24
Nitrobenzene
Concen: 64.439 ng
RT: 7.381 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion: 77 Resp: 899247
Ion Ratio Lower Upper
77 100
123 45.9 36.2 54.2
65 13.9 11.0 16.6

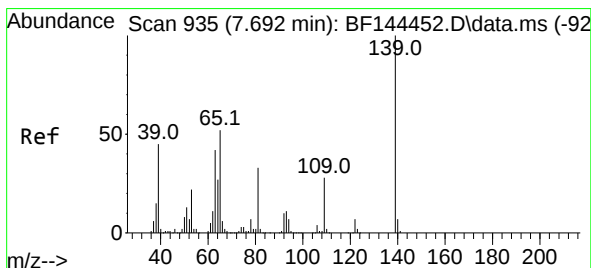
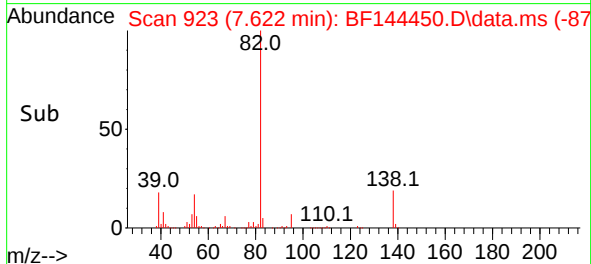
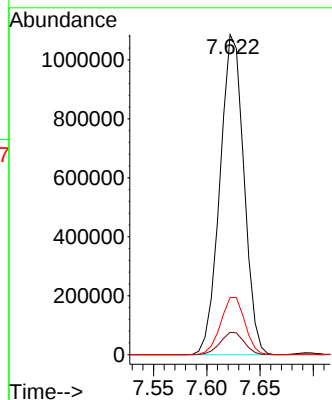
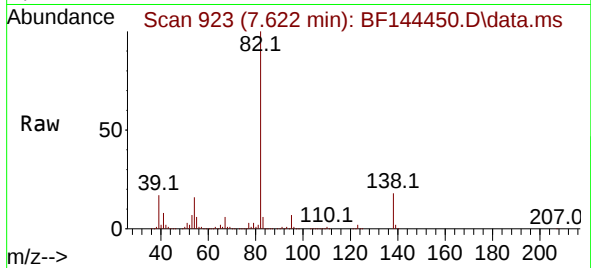




#25
Isophorone
Concen: 58.539 ng
RT: 7.622 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

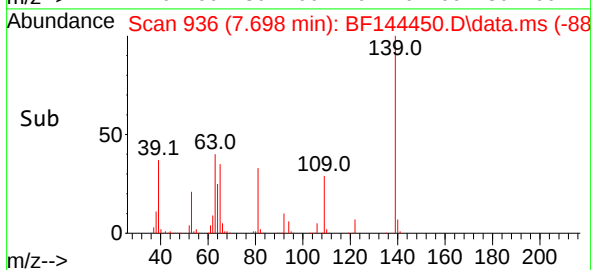
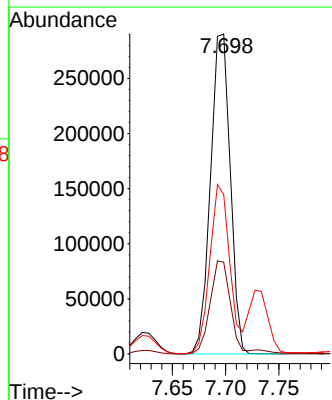
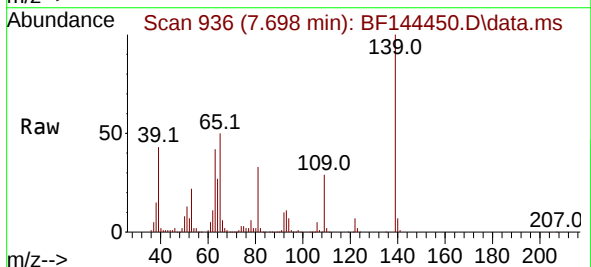
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

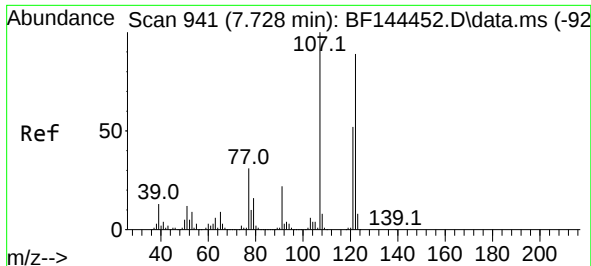
Tgt Ion: 82 Resp: 1699476
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.9 14.4 21.6



#26
2-Nitrophenol
Concen: 59.563 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:139 Resp: 374866
Ion Ratio Lower Upper
139 100
109 28.7 22.1 33.1
65 49.8 41.5 62.3

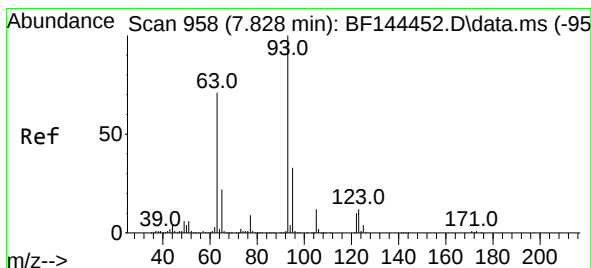
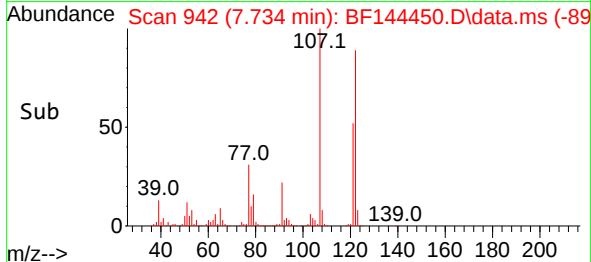
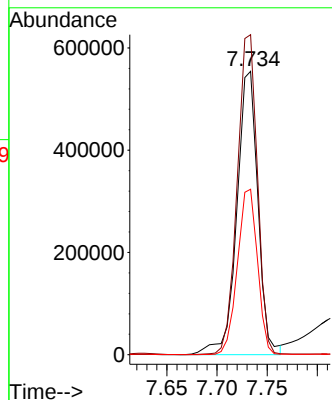
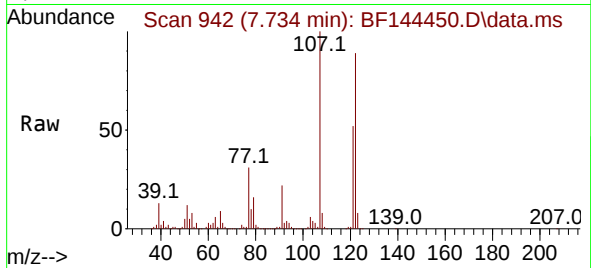




#27
2,4-Dimethylphenol
Concen: 58.758 ng
RT: 7.734 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

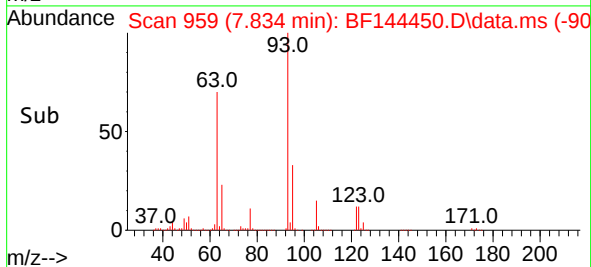
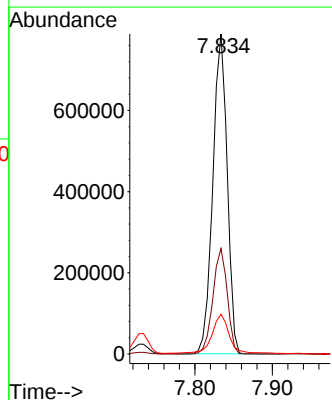
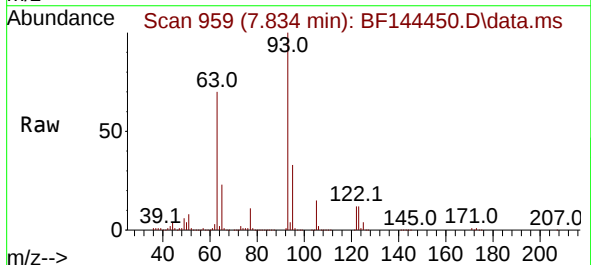
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

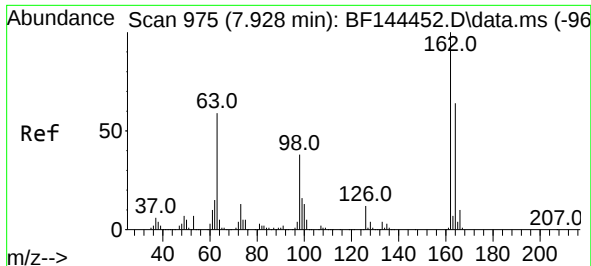
Tgt Ion:122 Resp: 813913
Ion Ratio Lower Upper
122 100
107 112.9 90.0 135.0
121 58.4 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 56.666 ng
RT: 7.834 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion: 93 Resp: 1013695
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.2
123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 61.006 ng

RT: 7.934 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

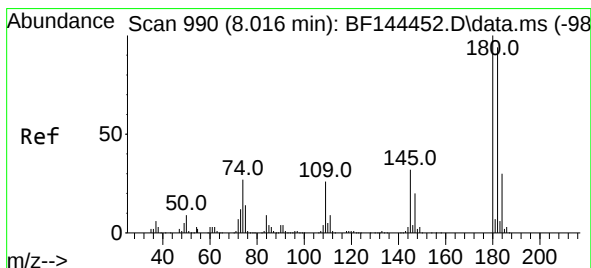
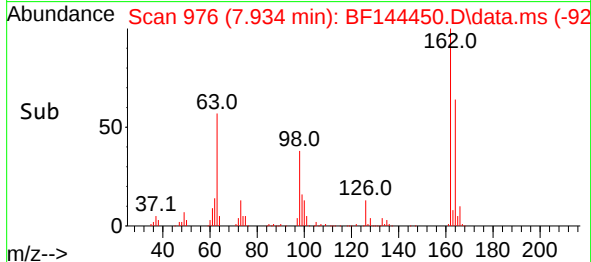
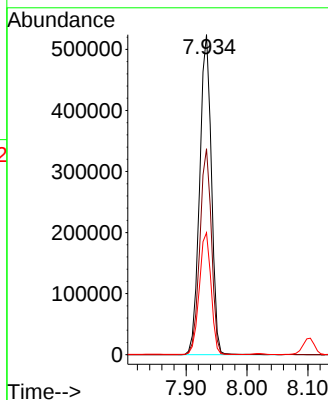
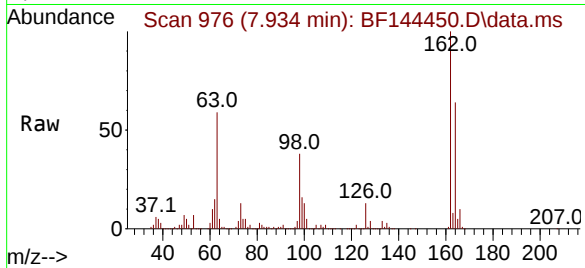
Tgt Ion:162 Resp: 702164

Ion Ratio Lower Upper

162 100

164 64.4 44.2 84.2

98 38.1 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 57.001 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

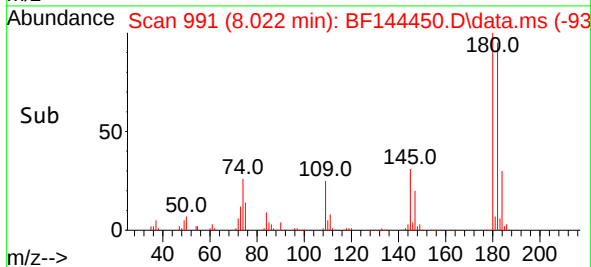
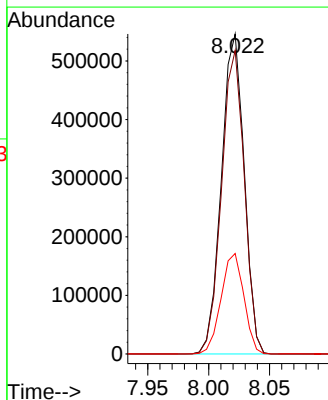
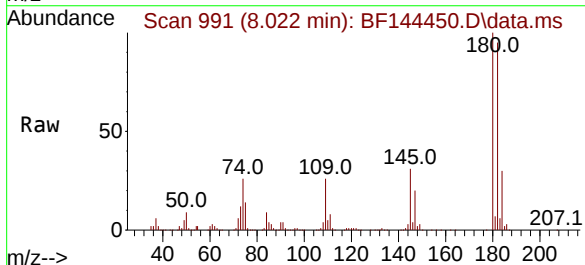
Tgt Ion:180 Resp: 711575

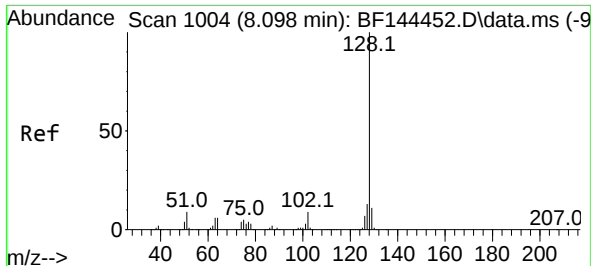
Ion Ratio Lower Upper

180 100

182 94.9 75.2 112.8

145 31.4 25.3 37.9





#31

Naphthalene

Concen: 54.859 ng

RT: 8.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

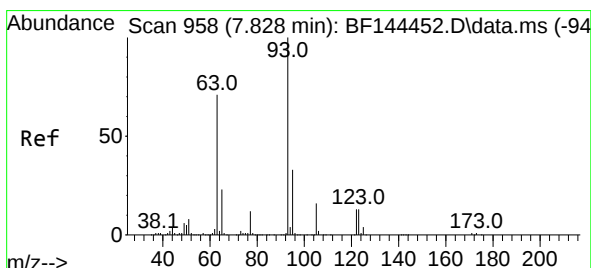
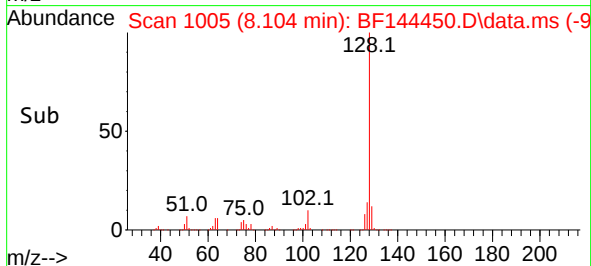
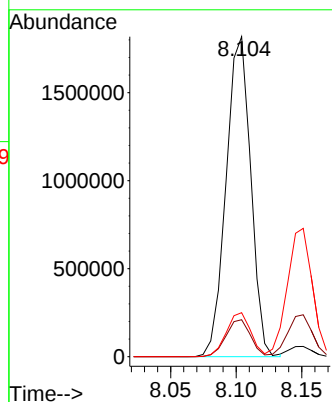
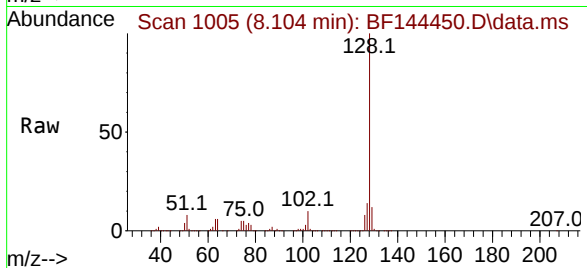
Tgt Ion:128 Resp: 2376721

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

127 13.8 10.6 16.0



#32

Benzoic acid

Concen: 58.747 ng

RT: 7.851 min Scan# 962

Delta R.T. 0.023 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

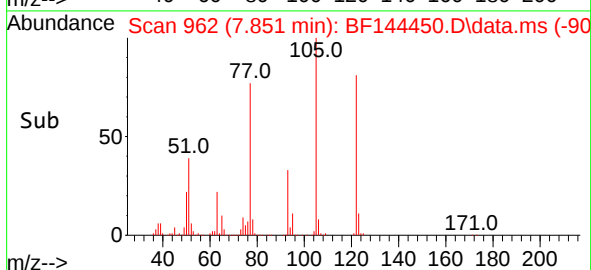
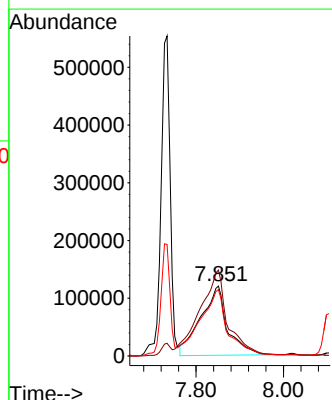
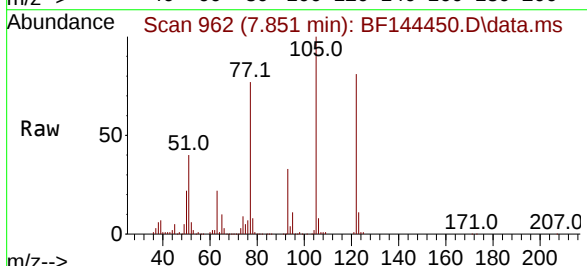
Tgt Ion:122 Resp: 514235

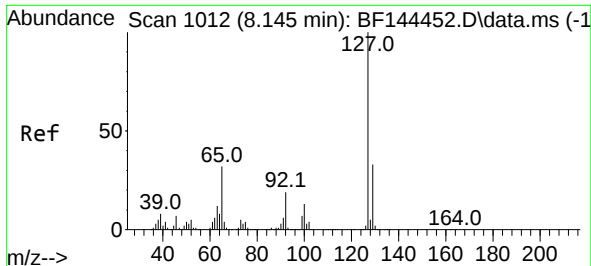
Ion Ratio Lower Upper

122 100

105 122.7 103.2 143.2

77 94.9 75.1 115.1

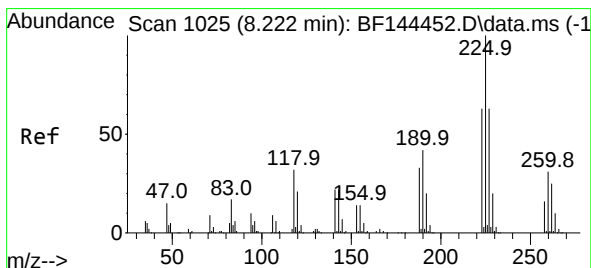
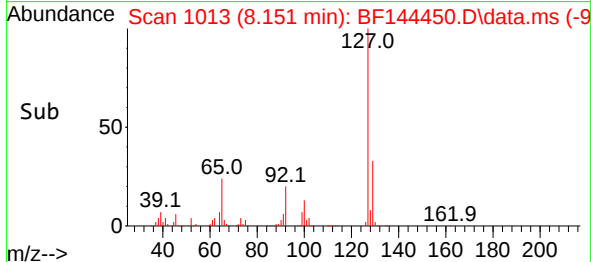
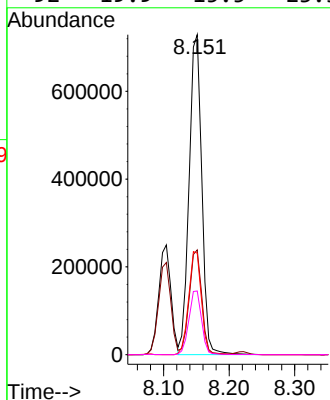
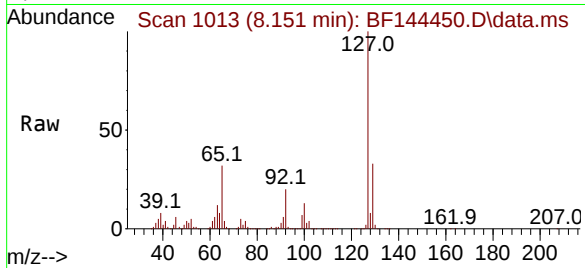




#33
4-Chloroaniline
Concen: 56.231 ng
RT: 8.151 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

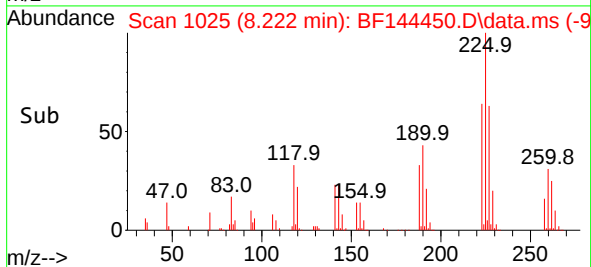
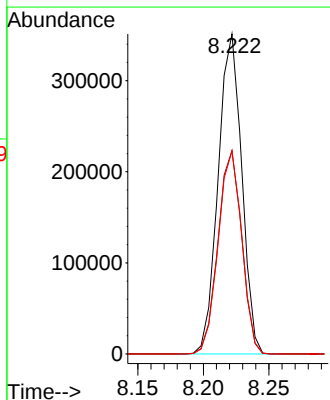
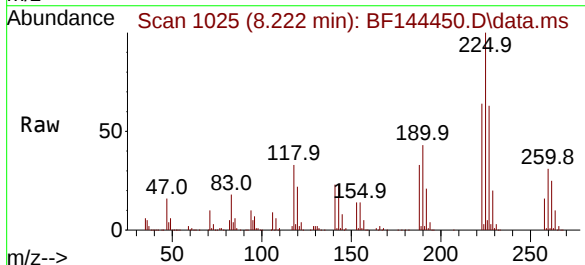
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

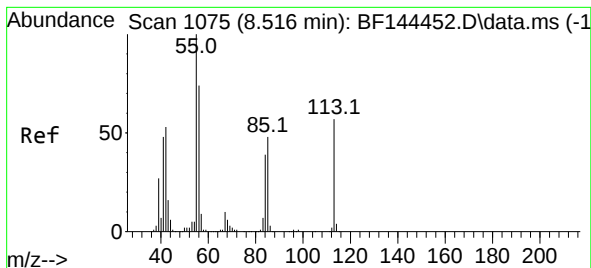
Tgt	Ion:127	Resp:	979228
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	31.7	25.8	38.8
92	19.9	15.5	23.3



#34
Hexachlorobutadiene
Concen: 56.818 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt	Ion:225	Resp:	438573
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.1	75.1
227	63.4	50.3	75.5





#35

Caprolactam

Concen: 61.312 ng

RT: 8.533 min Scan# 1075

Delta R.T. 0.018 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

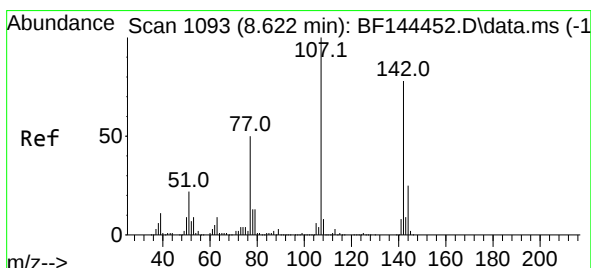
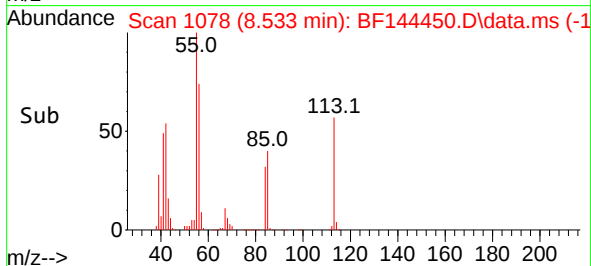
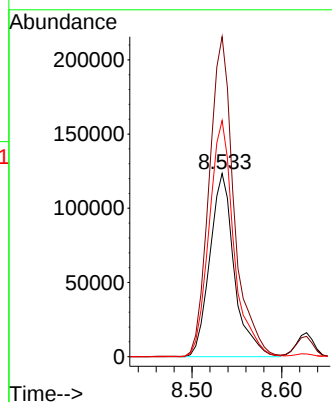
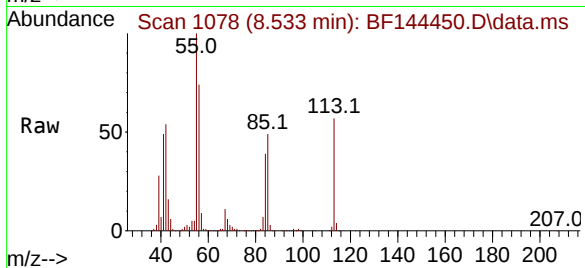
Tgt Ion:113 Resp: 233037

Ion Ratio Lower Upper

113 100

55 174.7 154.5 194.5

56 128.9 109.8 149.8



#36

4-Chloro-3-methylphenol

Concen: 59.872 ng

RT: 8.628 min Scan# 1094

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

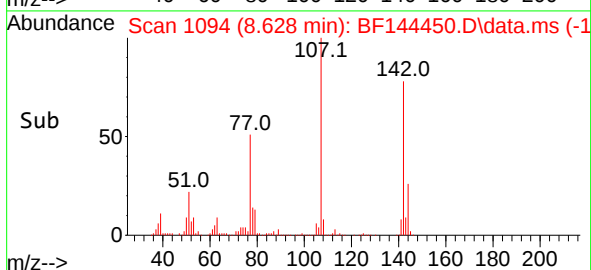
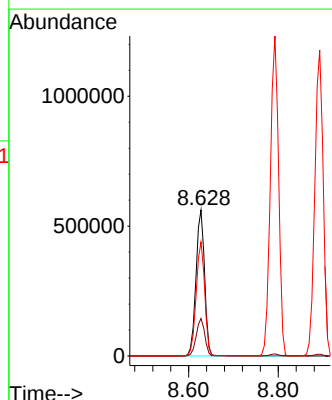
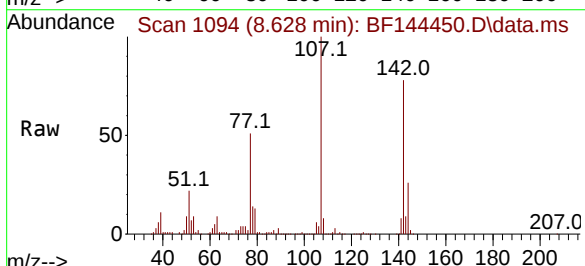
Tgt Ion:107 Resp: 748091

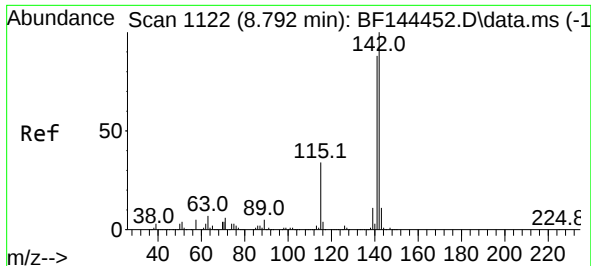
Ion Ratio Lower Upper

107 100

144 25.6 20.4 30.6

142 78.0 62.4 93.6

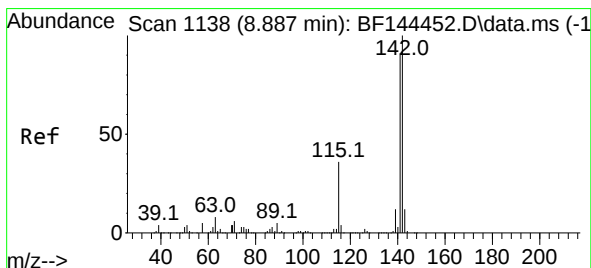
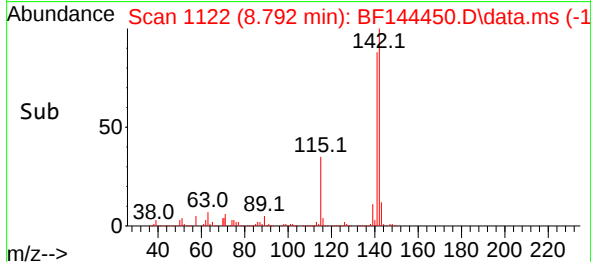
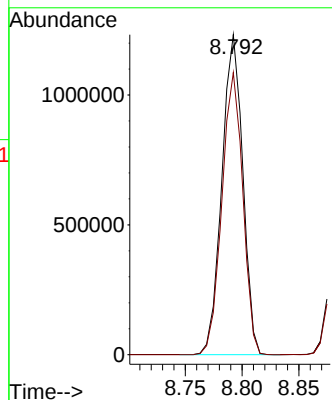
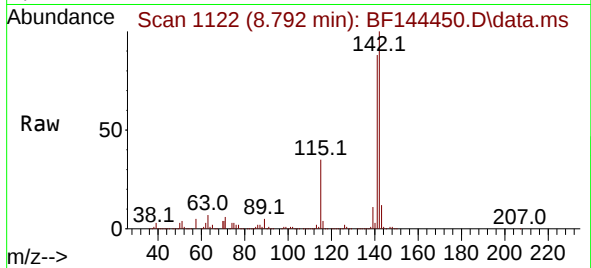




#37
2-Methylnaphthalene
Concen: 55.296 ng
RT: 8.792 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

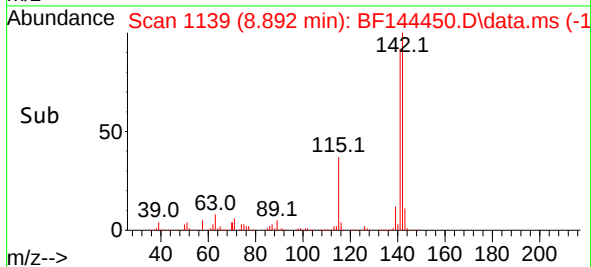
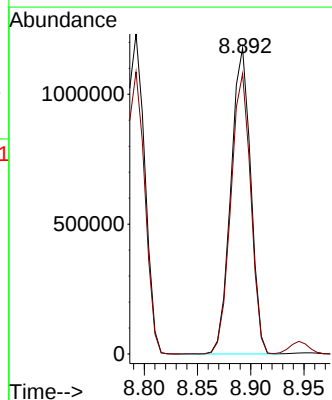
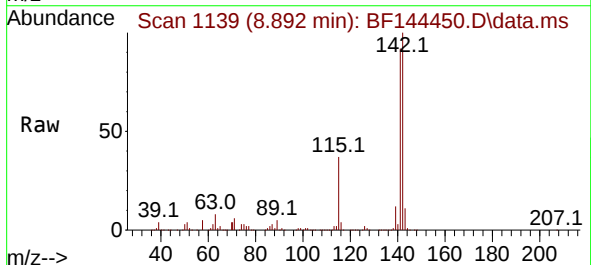
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

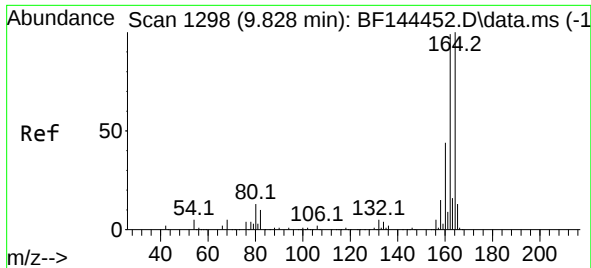
Tgt Ion:142 Resp: 1576198
Ion Ratio Lower Upper
142 100
141 88.2 70.0 105.0



#38
1-Methylnaphthalene
Concen: 54.974 ng
RT: 8.892 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:142 Resp: 1525848
Ion Ratio Lower Upper
142 100
141 91.7 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 11

Delta R.T. 0.005 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

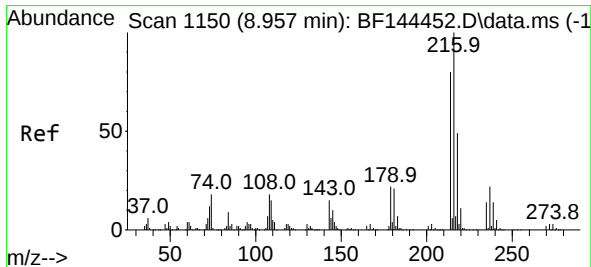
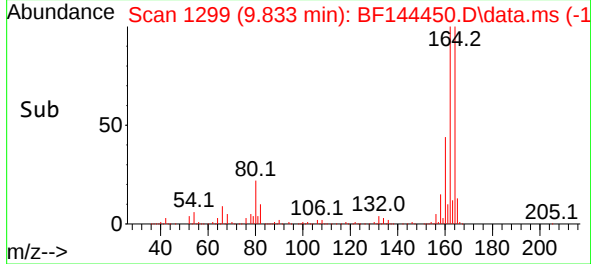
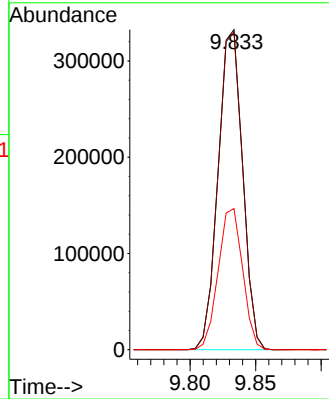
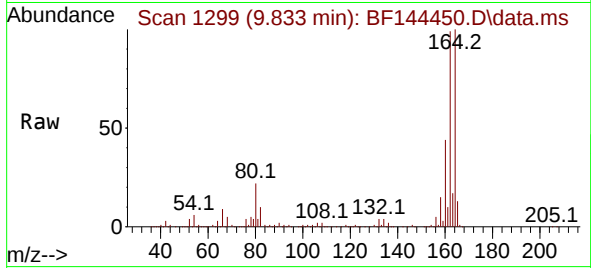
Tgt Ion:164 Resp: 431796

Ion Ratio Lower Upper

164 100

162 99.3 79.2 118.8

160 44.1 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.104 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Tgt Ion:216 Resp: 689455

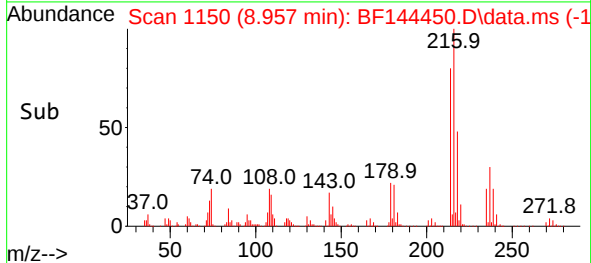
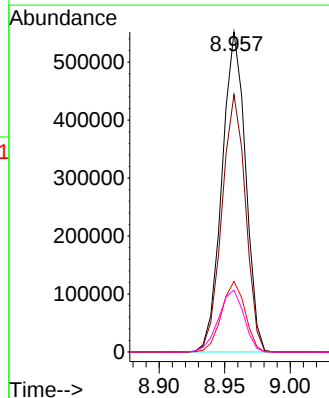
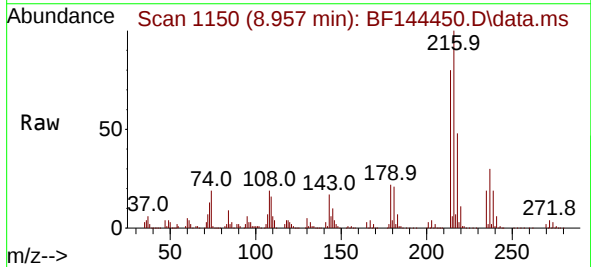
Ion Ratio Lower Upper

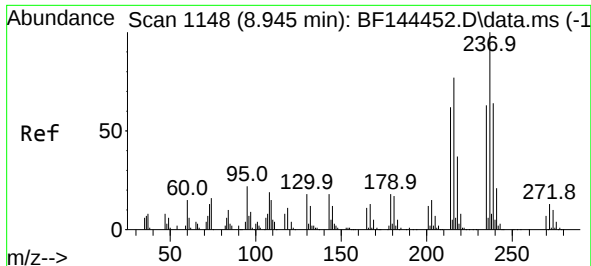
216 100

214 80.3 63.8 95.6

179 22.0 17.7 26.5

108 20.8 16.2 24.4

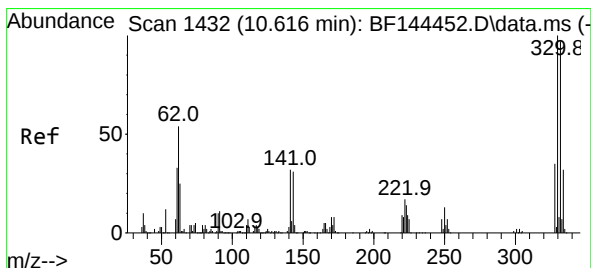
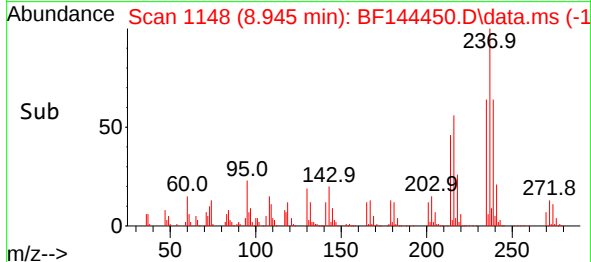
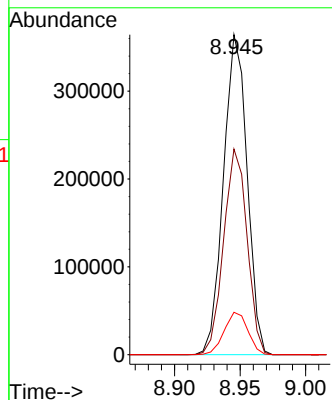
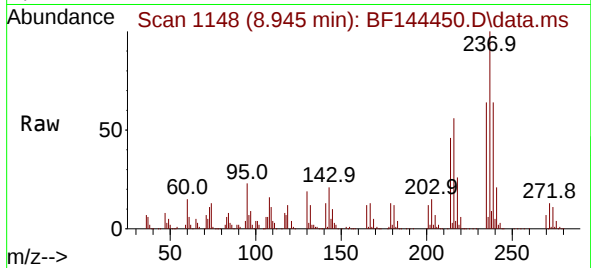




#41
Hexachlorocyclopentadiene
Concen: 62.744 ng
RT: 8.945 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

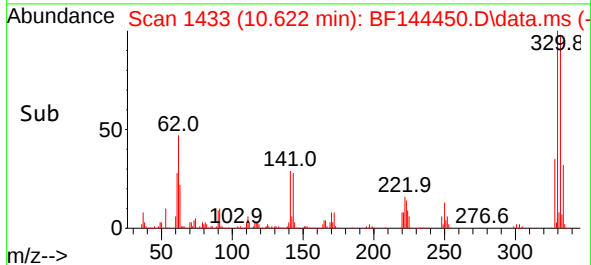
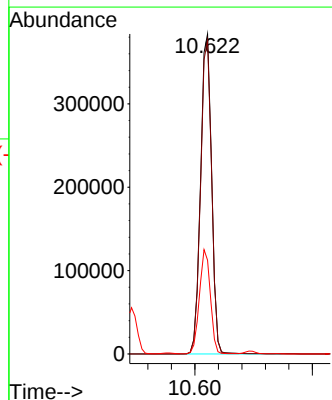
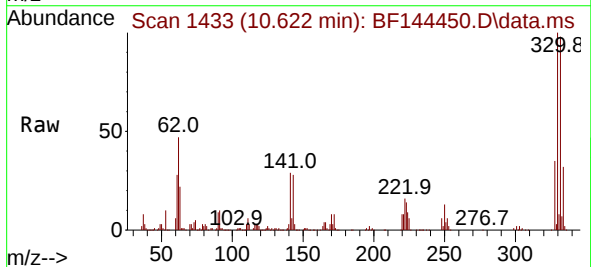
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

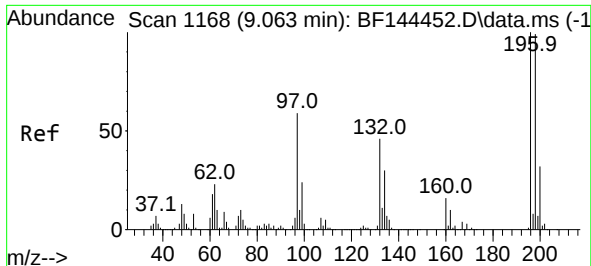
Tgt Ion:237 Resp: 456330
Ion Ratio Lower Upper
237 100
235 64.2 43.2 83.2
272 13.3 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 127.715 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:330 Resp: 498579
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 32.4 26.2 39.2

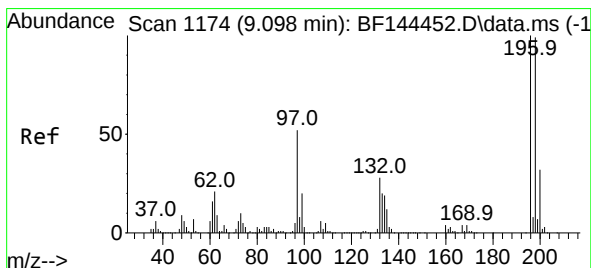
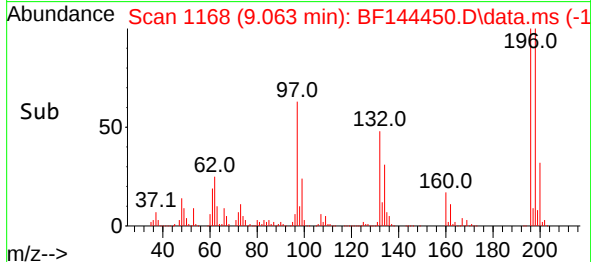
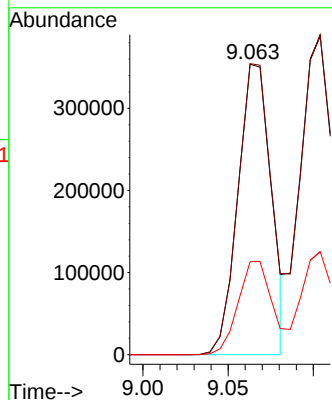
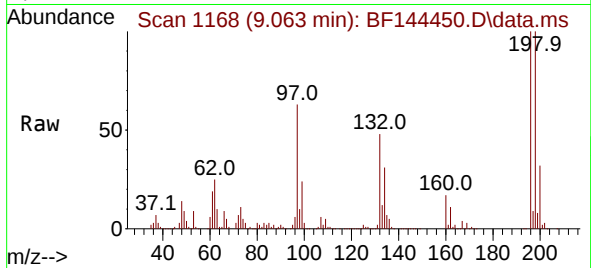




#43
2,4,6-Trichlorophenol
Concen: 61.566 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

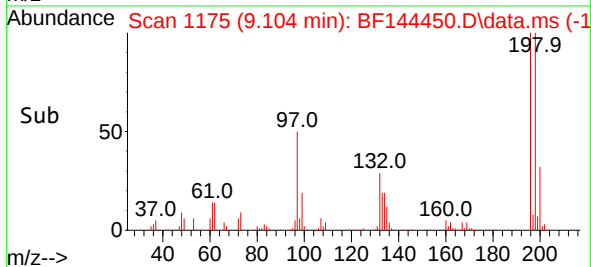
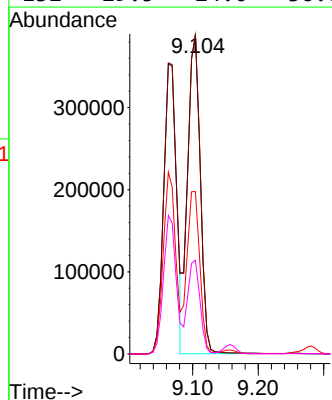
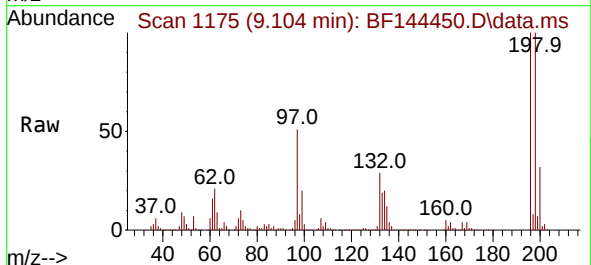
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

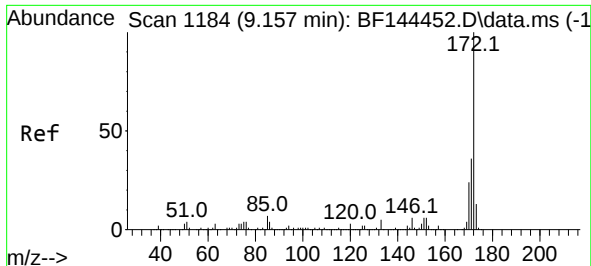
Tgt Ion:196 Resp: 480451
Ion Ratio Lower Upper
196 100
198 100.2 79.0 118.4
200 32.0 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 64.027 ng
RT: 9.104 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:196 Resp: 524426
Ion Ratio Lower Upper
196 100
198 100.4 79.5 119.3
97 51.0 42.2 63.2
132 29.5 24.0 36.0

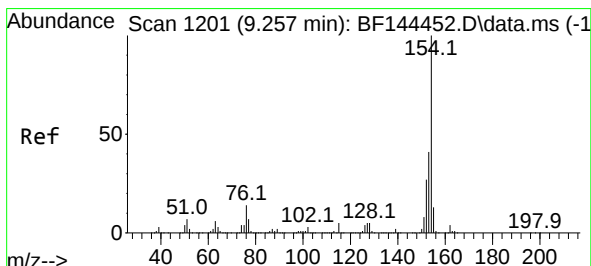
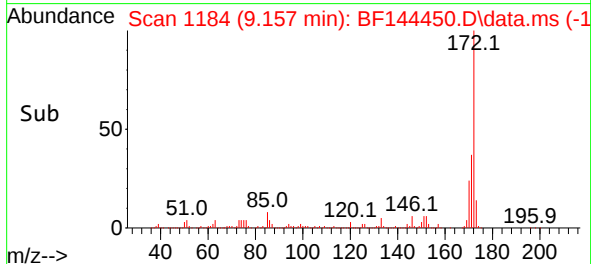
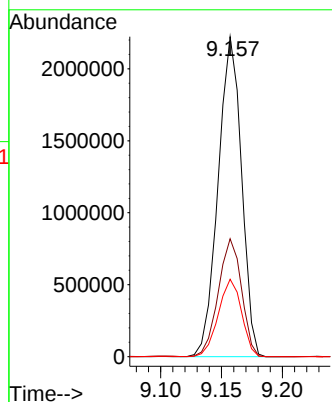
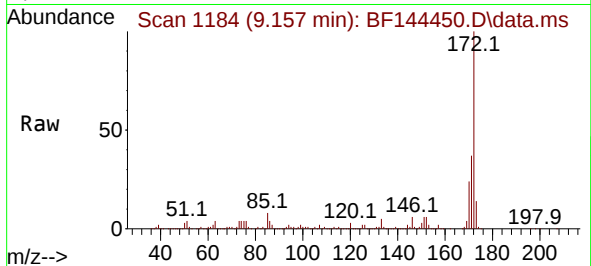




#45
2-Fluorobiphenyl
Concen: 105.625 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

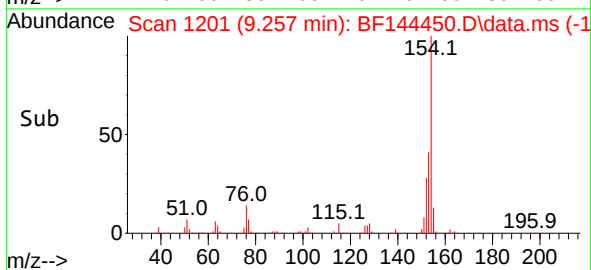
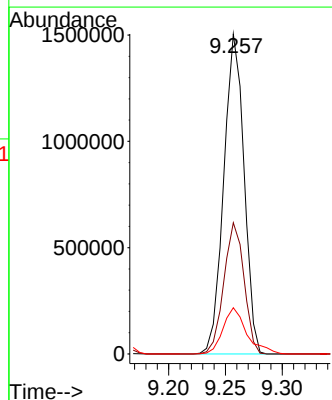
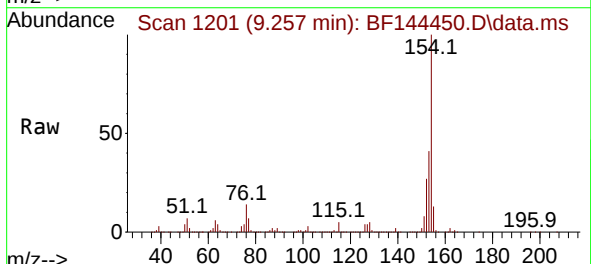
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

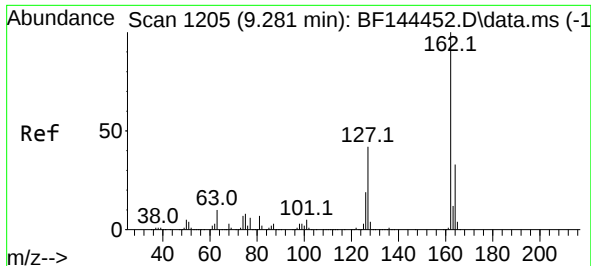
Tgt Ion:172 Resp: 2973028
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 24.2 19.3 28.9



#46
1,1'-Biphenyl
Concen: 55.406 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:154 Resp: 1869648
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 14.4 0.0 33.8

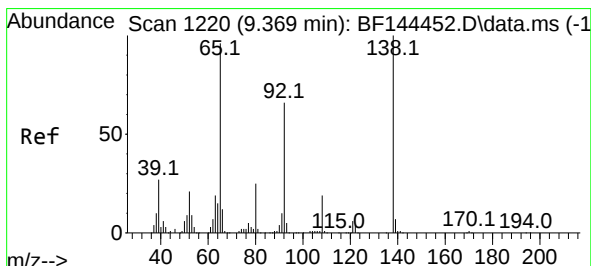
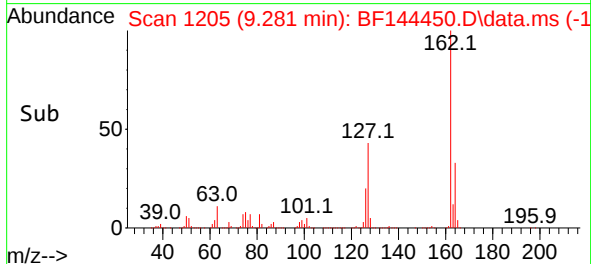
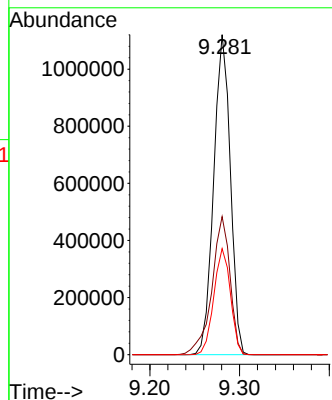
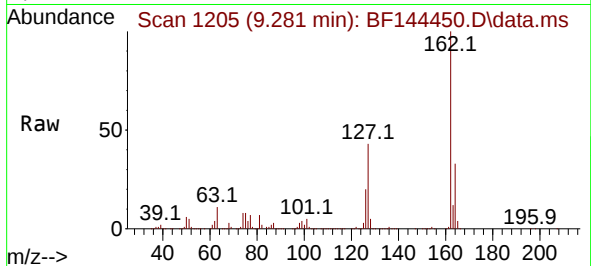




#47
2-Chloronaphthalene
Concen: 56.098 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

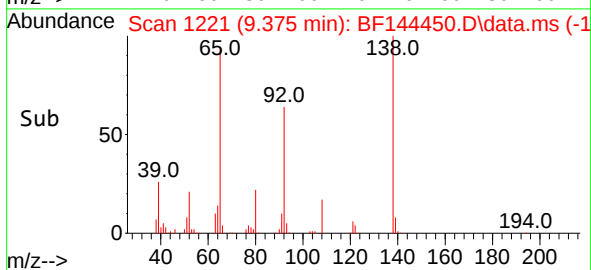
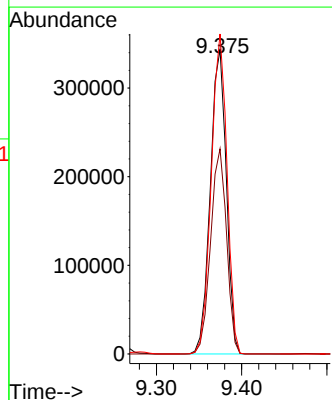
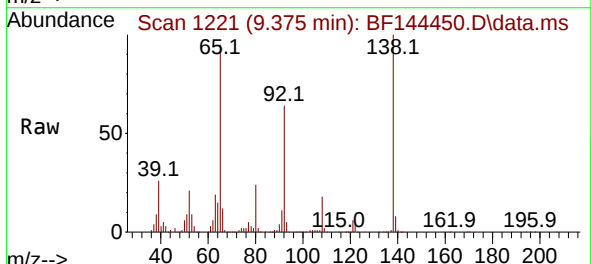
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

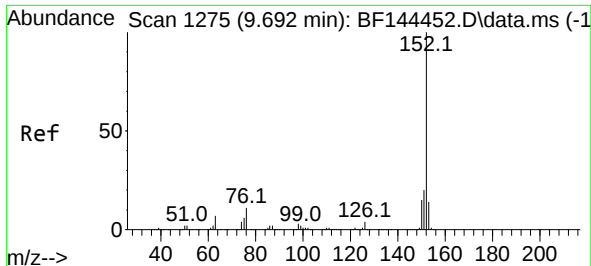
Tgt Ion:162 Resp: 1445106
Ion Ratio Lower Upper
162 100
127 43.1 33.6 50.4
164 33.2 26.6 39.8



#48
2-Nitroaniline
Concen: 59.821 ng
RT: 9.375 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion: 65 Resp: 449164
Ion Ratio Lower Upper
65 100
92 67.3 55.0 82.4
138 105.0 83.4 125.2





#49

Acenaphthylene

Concen: 56.468 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

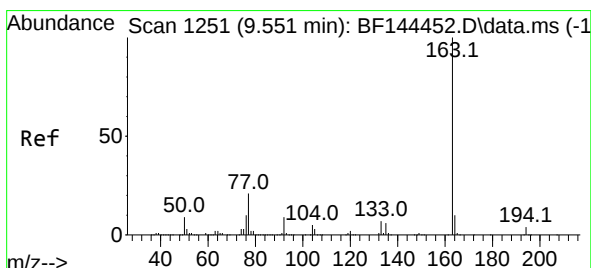
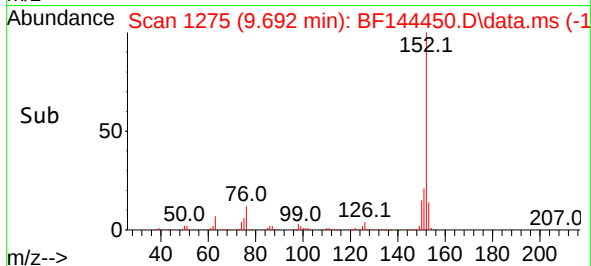
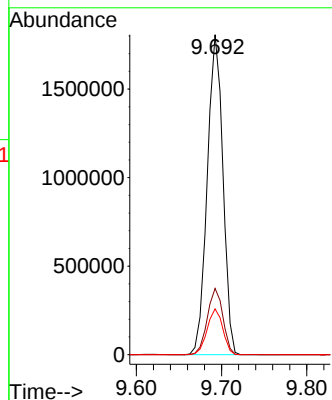
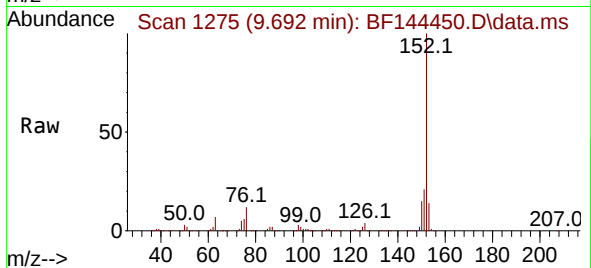
Tgt Ion:152 Resp: 2304677

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.2

153 14.3 11.4 17.0



#50

Dimethylphthalate

Concen: 58.141 ng

RT: 9.557 min Scan# 1252

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

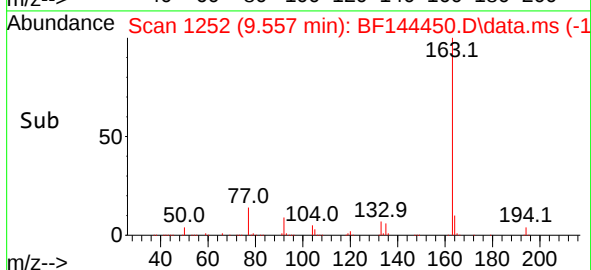
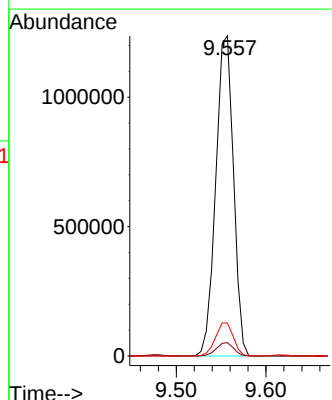
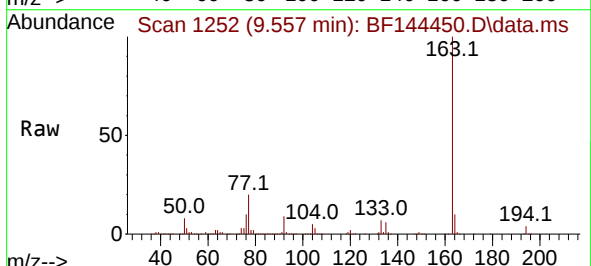
Tgt Ion:163 Resp: 1695794

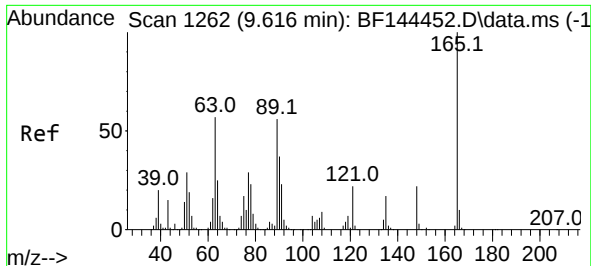
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.3 12.5

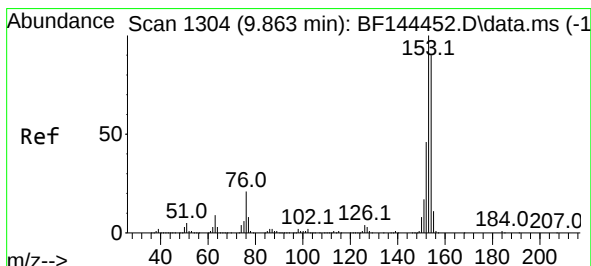
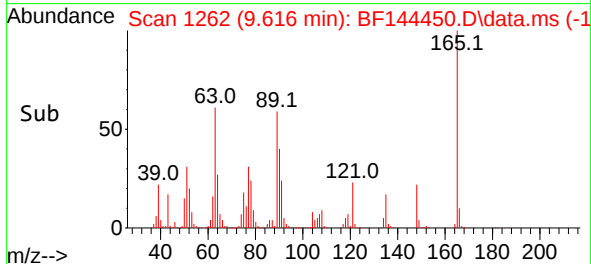
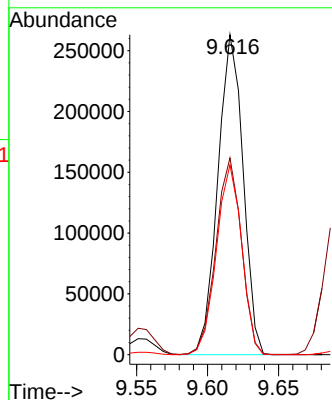
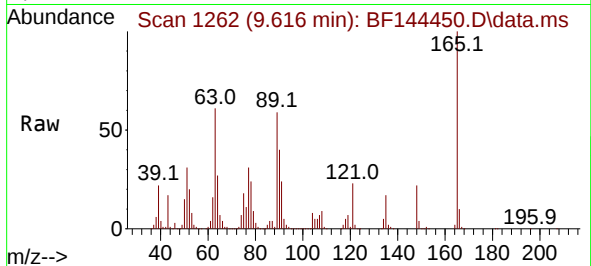




#51
2,6-Dinitrotoluene
Concen: 59.821 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

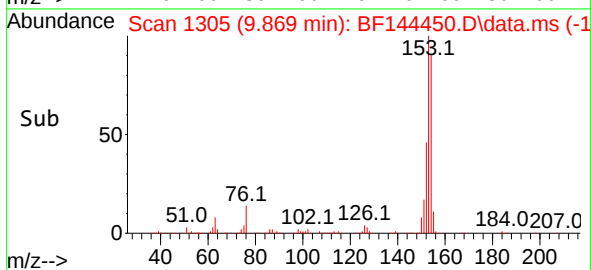
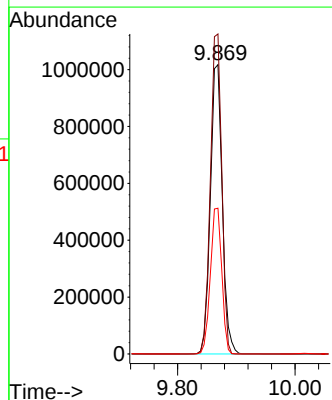
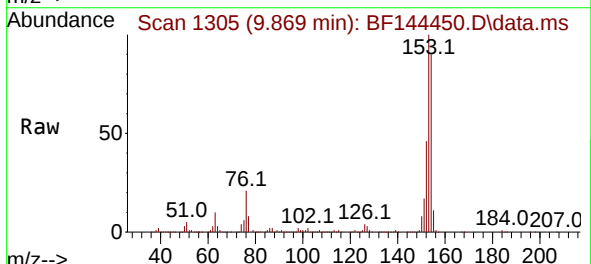
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

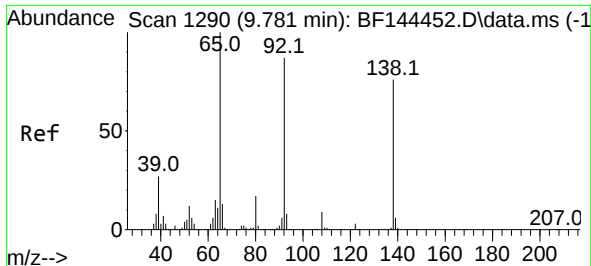
Tgt Ion:165 Resp: 325341
Ion Ratio Lower Upper
165 100
63 61.5 45.9 68.9
89 59.3 44.6 67.0



#52
Acenaphthene
Concen: 56.268 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:154 Resp: 1431885
Ion Ratio Lower Upper
154 100
153 110.6 88.6 132.8
152 50.4 40.6 61.0

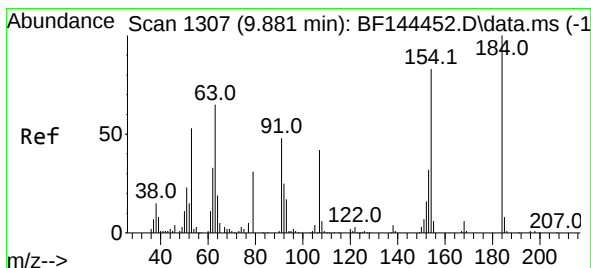
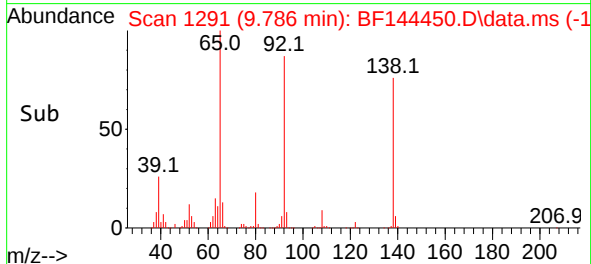
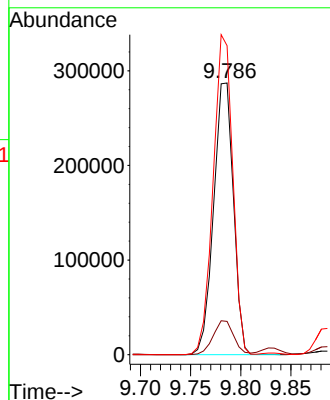
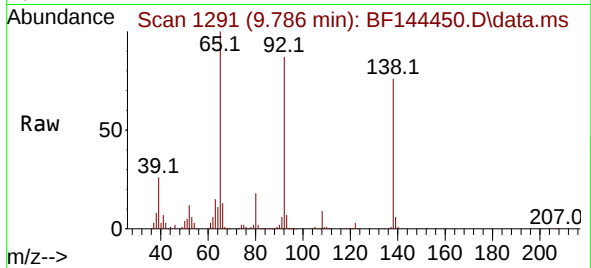




#53
3-Nitroaniline
Concen: 59.493 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

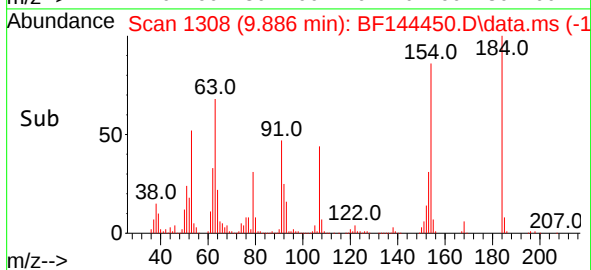
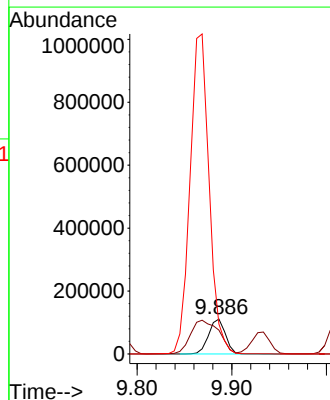
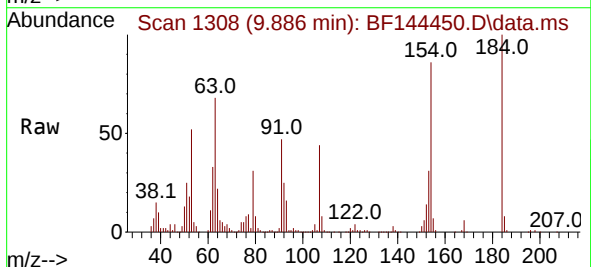
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

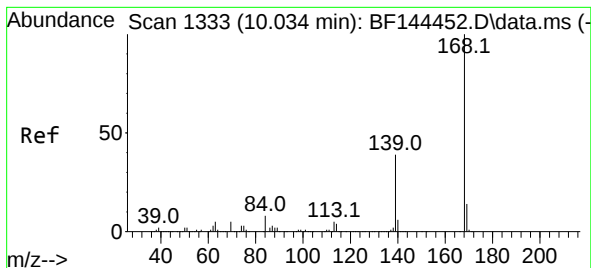
Tgt Ion:138 Resp: 393992
Ion Ratio Lower Upper
138 100
108 12.2 9.7 14.5
92 113.7 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 59.679 ng
RT: 9.886 min Scan# 1308
Delta R.T. 0.005 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:184 Resp: 135947
Ion Ratio Lower Upper
184 100
63 68.4 60.6 91.0
154 85.7 137.8 206.8#

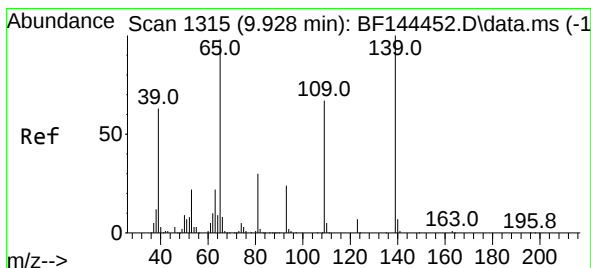
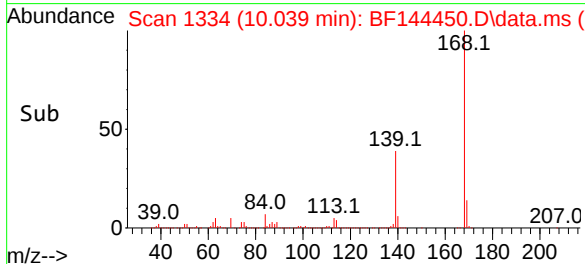
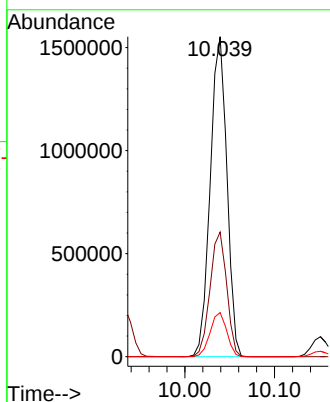
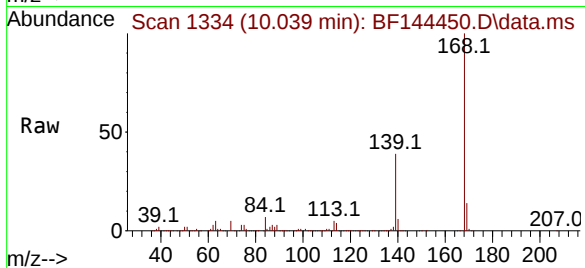




#55
Dibenzenofuran
Concen: 55.179 ng
RT: 10.039 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

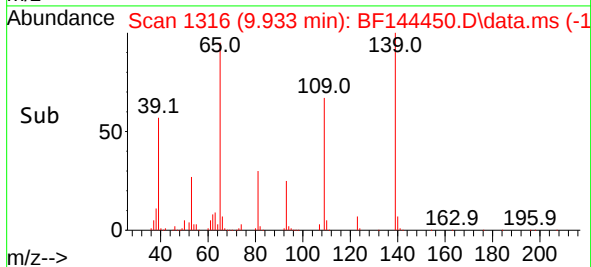
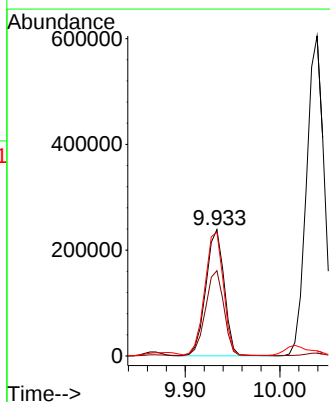
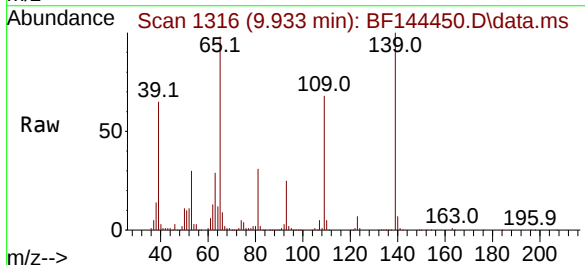
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

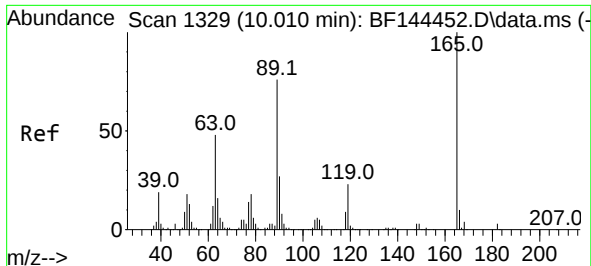
Tgt Ion:168 Resp: 1997904
Ion Ratio Lower Upper
168 100
139 39.0 31.0 46.6
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 64.488 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:139 Resp: 320310
Ion Ratio Lower Upper
139 100
109 67.5 47.4 87.4
65 98.0 78.4 118.4

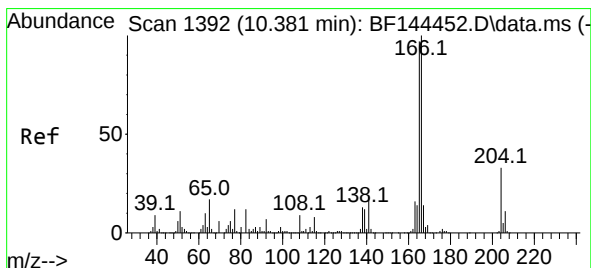
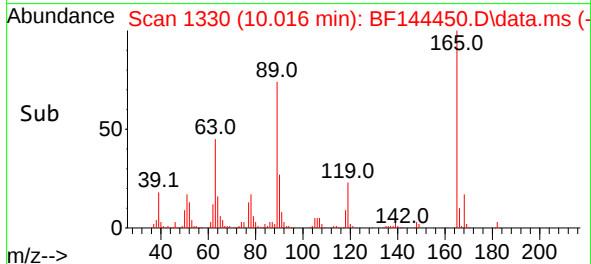
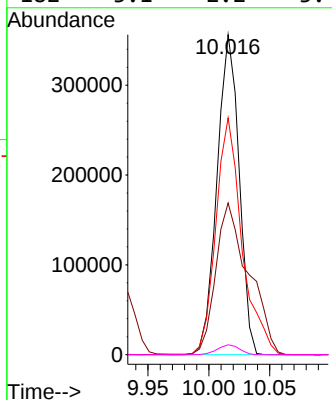
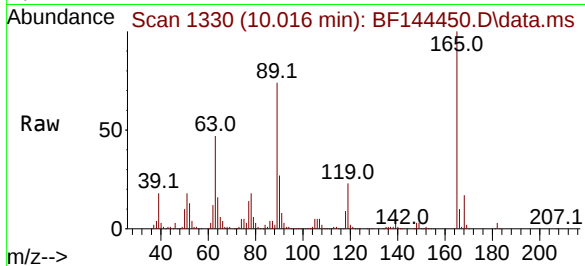




#57
2,4-Dinitrotoluene
Concen: 60.667 ng
RT: 10.016 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

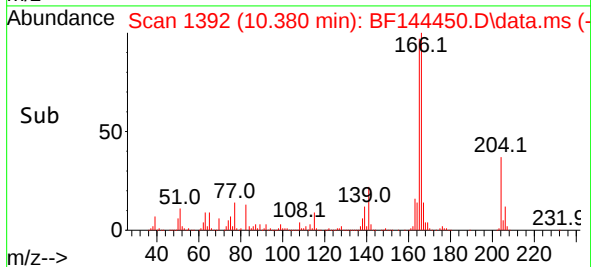
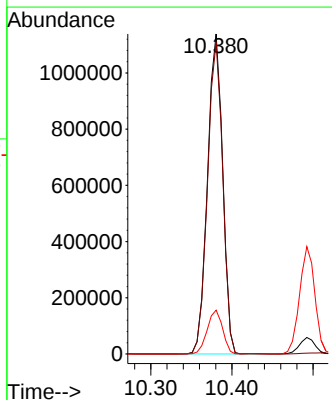
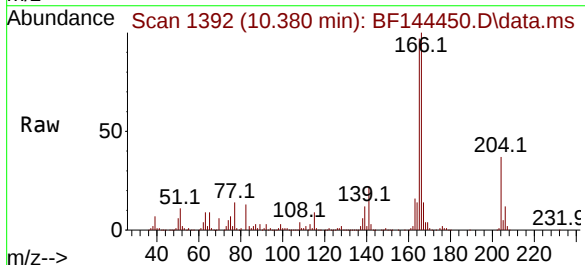
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

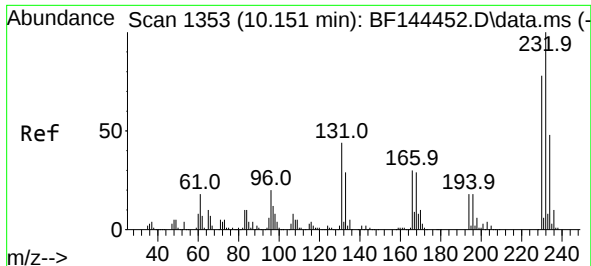
Tgt Ion:165 Resp: 451058
Ion Ratio Lower Upper
165 100
63 47.4 38.2 57.4
89 74.0 61.2 91.8
182 3.1 2.2 3.4



#58
Fluorene
Concen: 53.891 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:166 Resp: 1477551
Ion Ratio Lower Upper
166 100
165 97.4 77.6 116.4
167 13.7 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 65.020 ng

RT: 10.151 min Scan# 1353

Delta R.T. -0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 404265

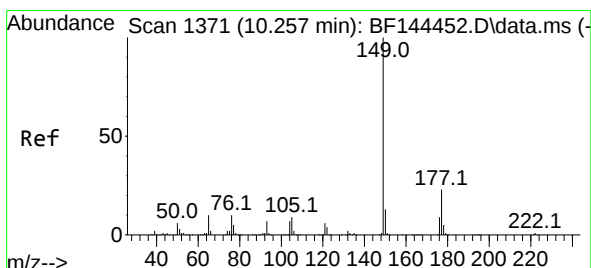
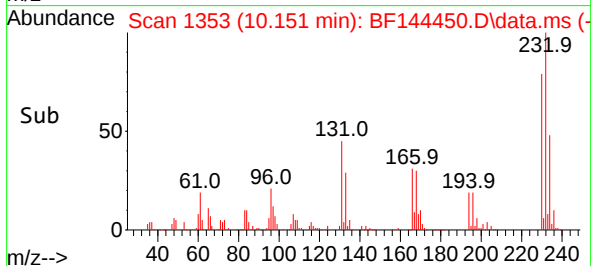
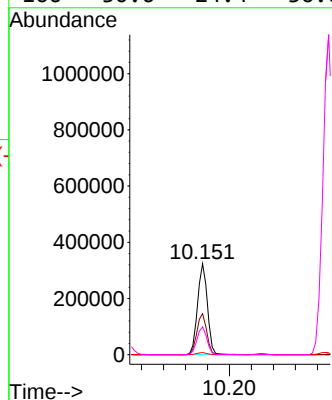
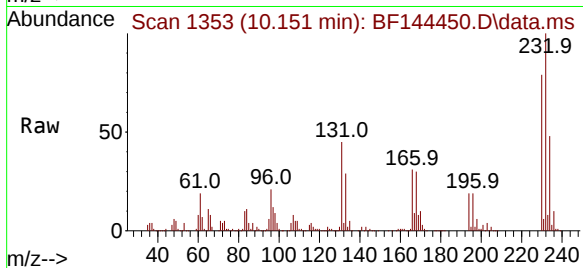
Ion Ratio Lower Upper

232 100

131 45.2 36.3 54.5

130 2.2 1.8 2.6

166 30.6 24.4 36.6



#60

Diethylphthalate

Concen: 58.636 ng

RT: 10.257 min Scan# 1371

Delta R.T. -0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

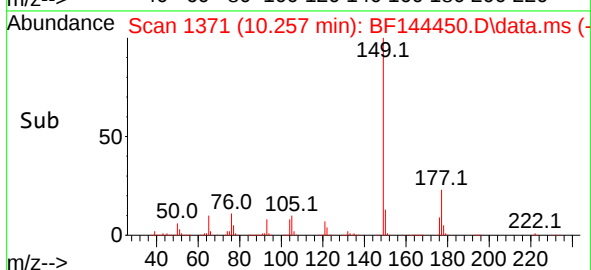
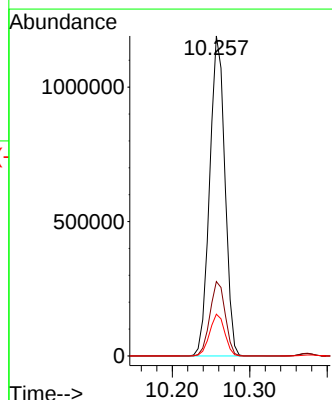
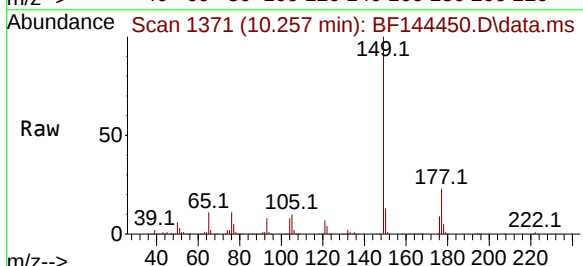
Tgt Ion:149 Resp: 1620866

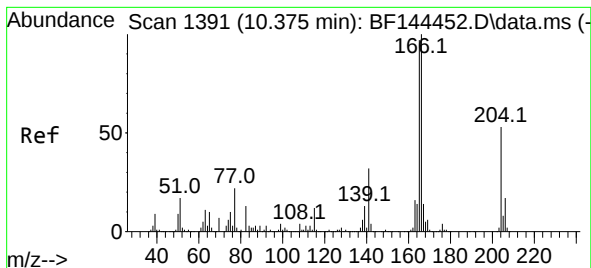
Ion Ratio Lower Upper

149 100

177 23.3 18.7 28.1

150 13.0 10.1 15.1

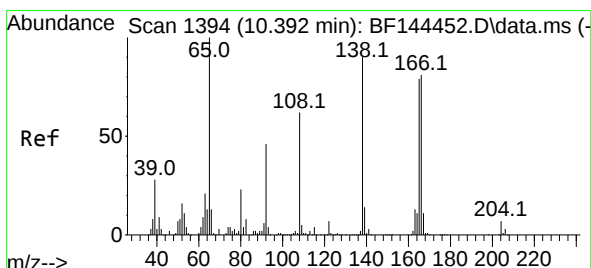
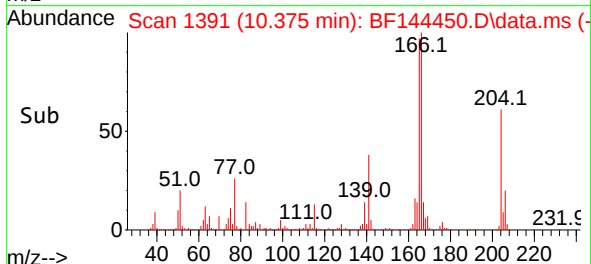
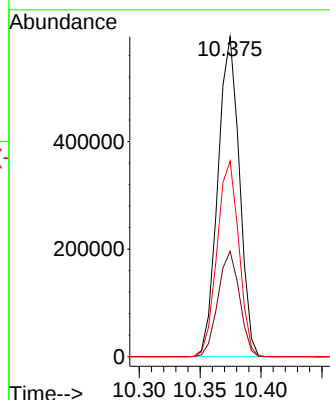
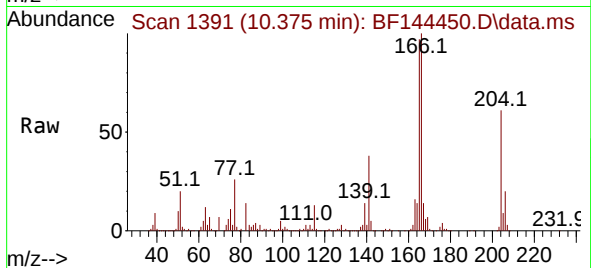




#61
4-Chlorophenyl-phenylether
Concen: 54.511 ng
RT: 10.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

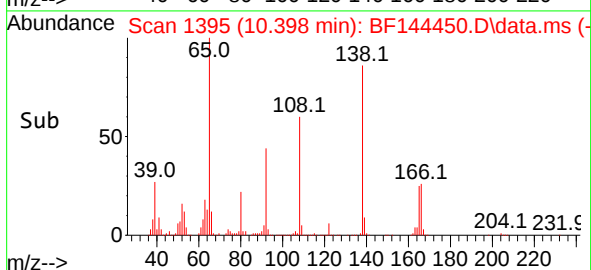
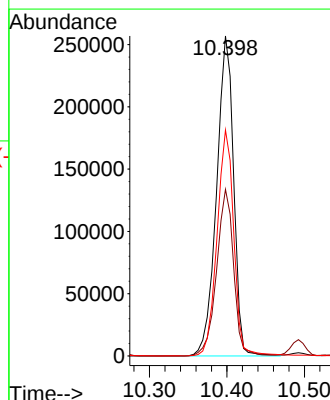
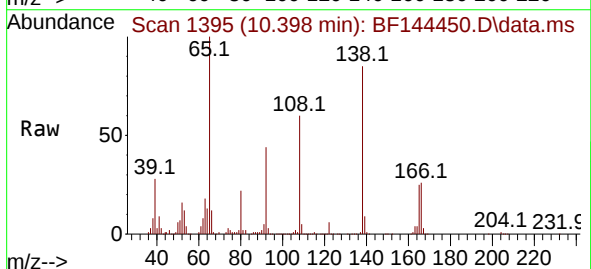
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

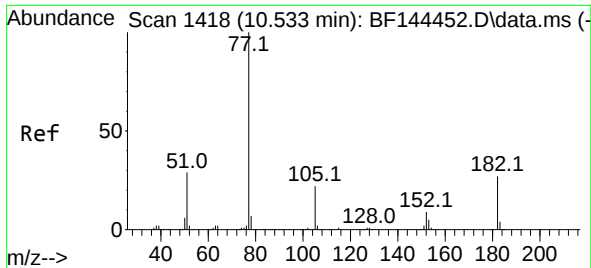
Tgt Ion:204 Resp: 733287
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 61.1 48.4 72.6



#62
4-Nitroaniline
Concen: 60.213 ng
RT: 10.398 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:138 Resp: 392622
Ion Ratio Lower Upper
138 100
92 52.1 30.8 70.8
108 70.6 49.2 89.2



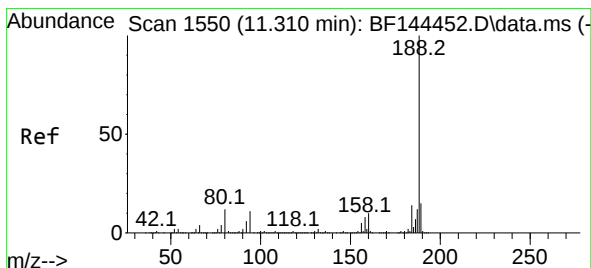
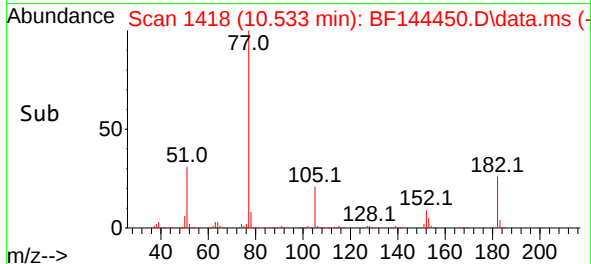
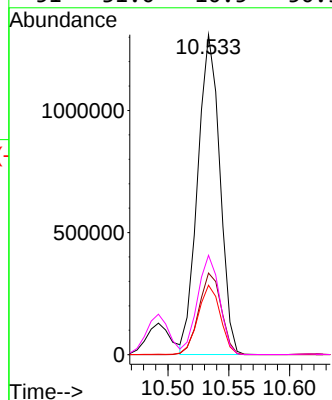
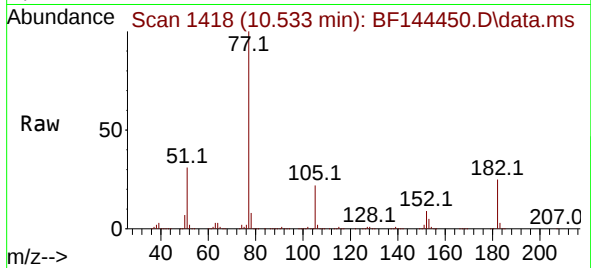


#63
Azobenzene
Concen: 56.825 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1660127

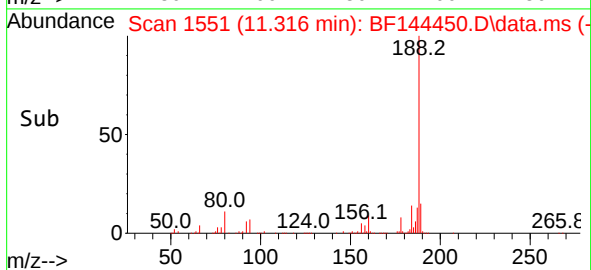
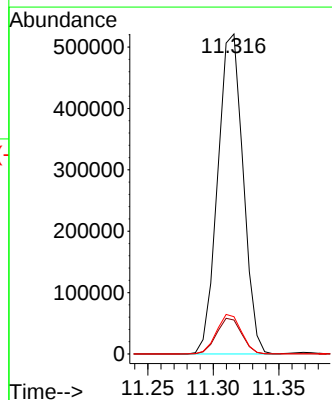
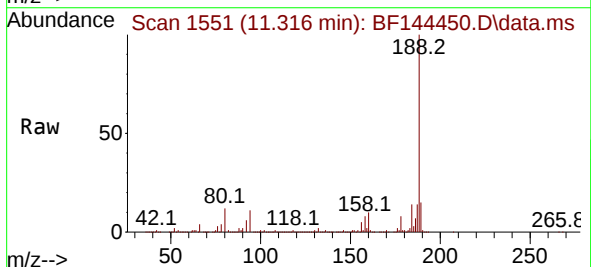
Ion	Ratio	Lower	Upper
77	100		
182	25.5	6.1	46.1
105	21.7	1.5	41.5
51	31.0	10.5	50.5

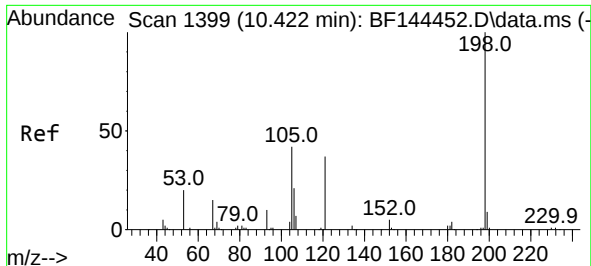


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion: 188 Resp: 701480

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.6
80	11.6	9.8	14.8

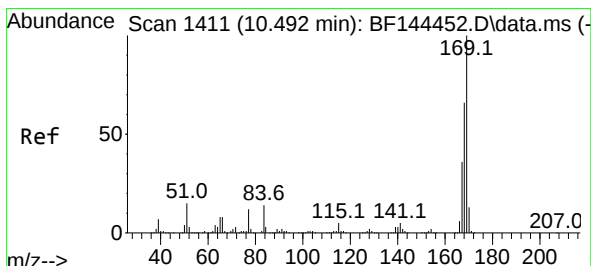
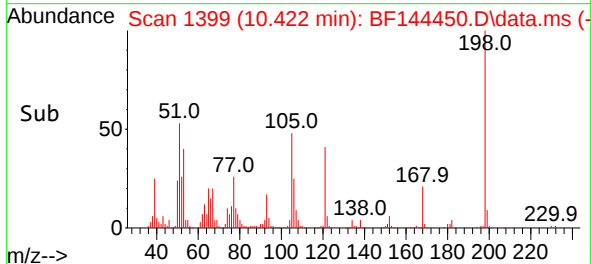
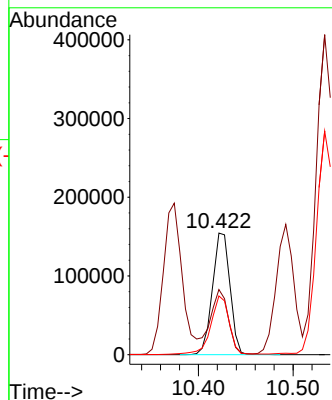
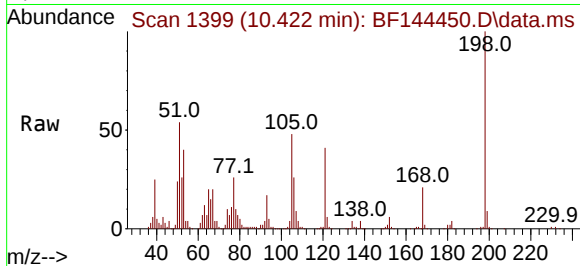




#65
4,6-Dinitro-2-methylphenol
Concen: 59.624 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

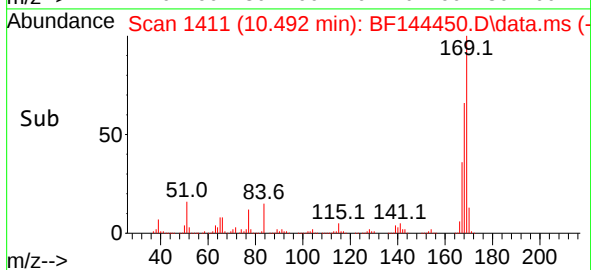
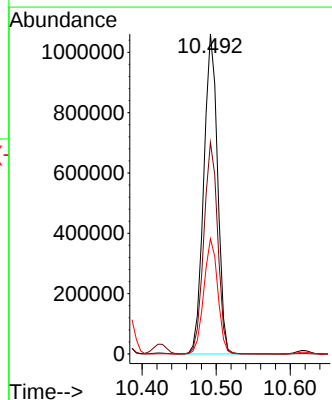
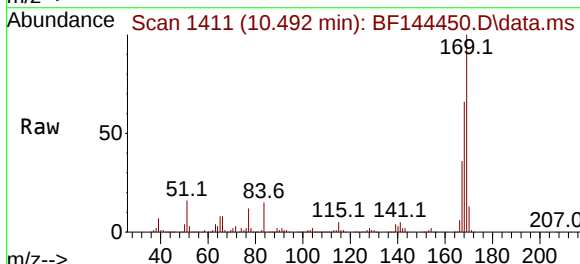
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

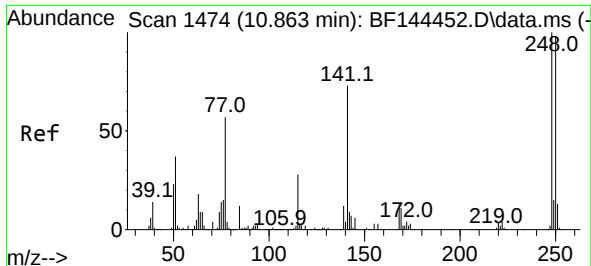
Tgt Ion:198 Resp: 198307
Ion Ratio Lower Upper
198 100
51 53.5 25.5 65.5
105 48.3 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 57.117 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:169 Resp: 1373046
Ion Ratio Lower Upper
169 100
168 66.2 52.6 79.0
167 36.0 28.8 43.2

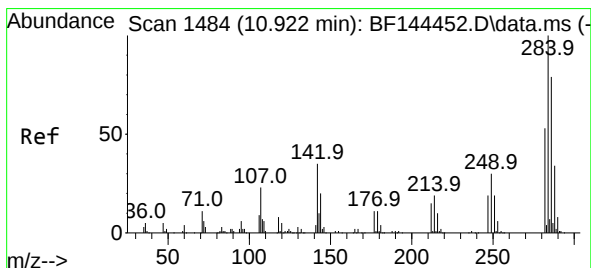
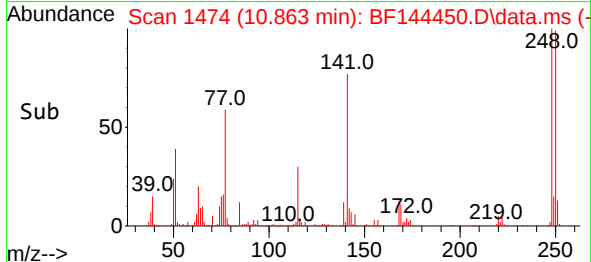
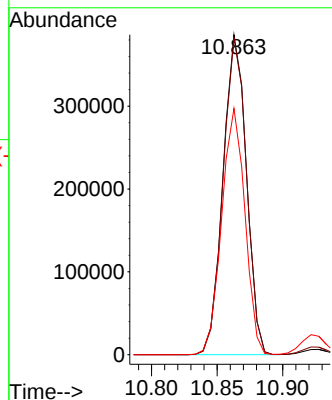
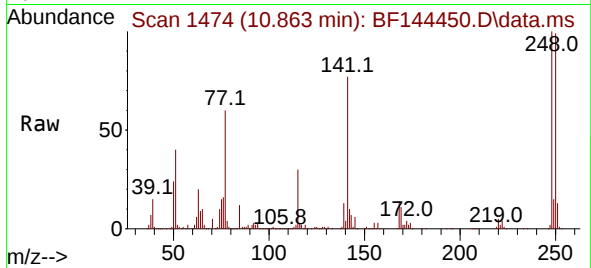




#67
4-Bromophenyl-phenylether
Concen: 58.464 ng
RT: 10.863 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

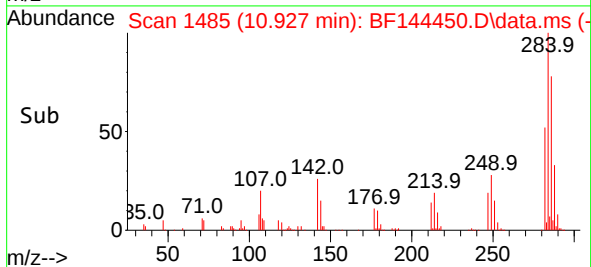
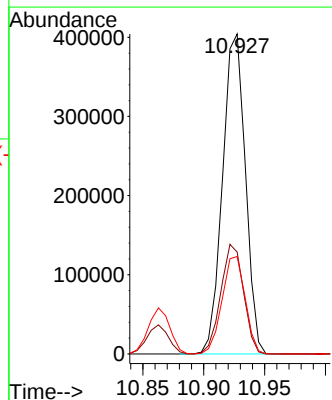
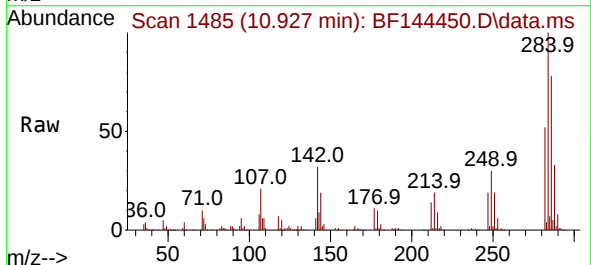
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

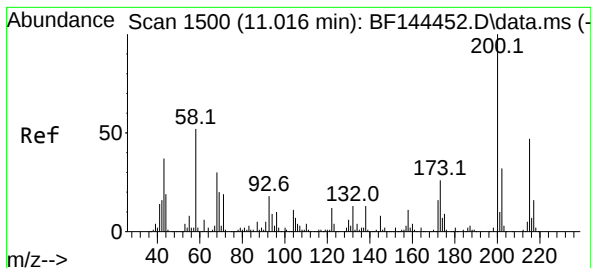
Tgt Ion:248 Resp: 478771
Ion Ratio Lower Upper
248 100
250 99.0 78.2 117.4
141 77.0 58.5 87.7



#68
Hexachlorobenzene
Concen: 58.341 ng
RT: 10.927 min Scan# 1485
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:284 Resp: 527410
Ion Ratio Lower Upper
284 100
142 31.8 28.2 42.2
249 30.5 24.7 37.1





#69

Atrazine

Concen: 60.817 ng

RT: 11.022 min Scan# 1501

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

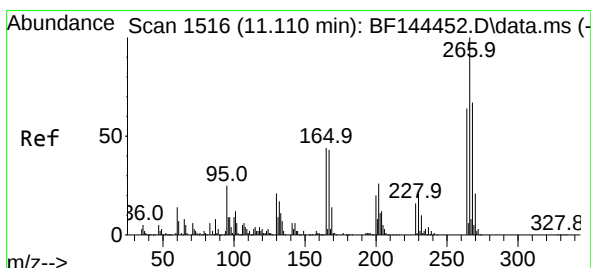
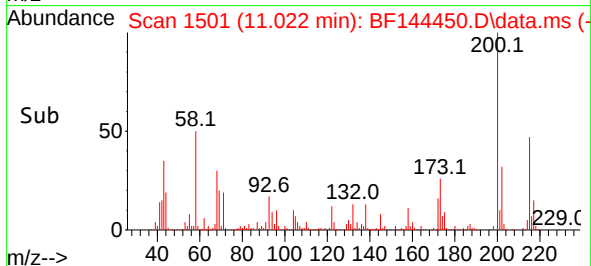
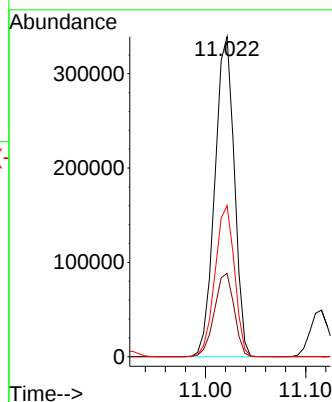
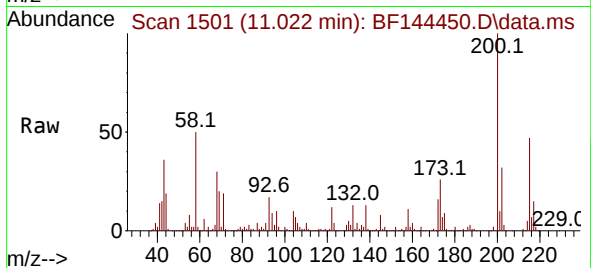
Tgt Ion:200 Resp: 457935

Ion Ratio Lower Upper

200 100

173 26.1 6.2 46.2

215 47.2 27.2 67.2



#70

Pentachlorophenol

Concen: 63.884 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

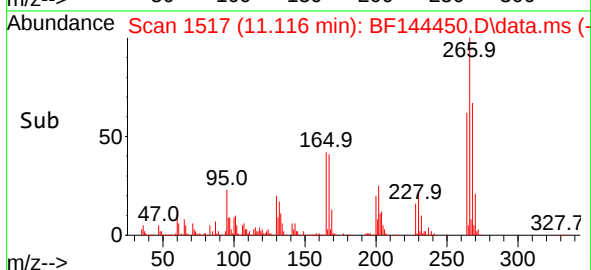
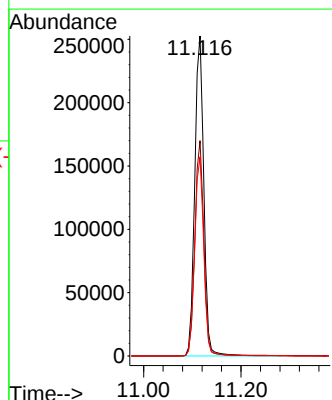
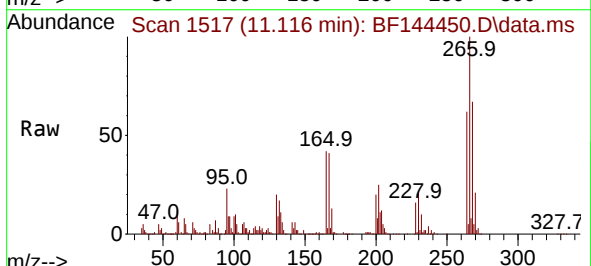
Tgt Ion:266 Resp: 329412

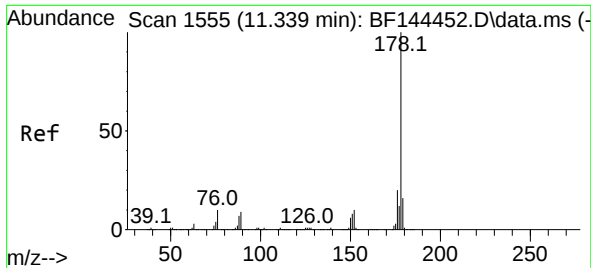
Ion Ratio Lower Upper

266 100

268 67.3 53.8 80.8

264 62.3 51.2 76.8

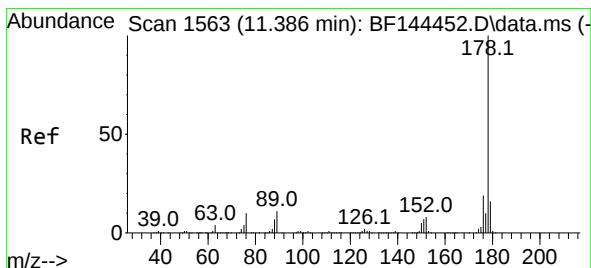
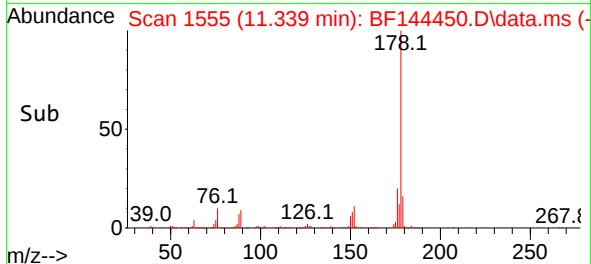
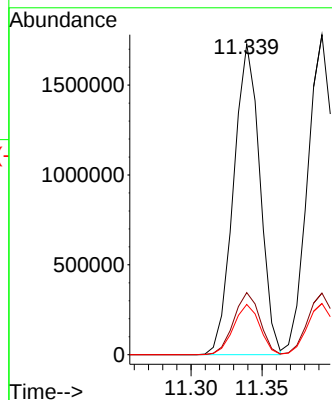
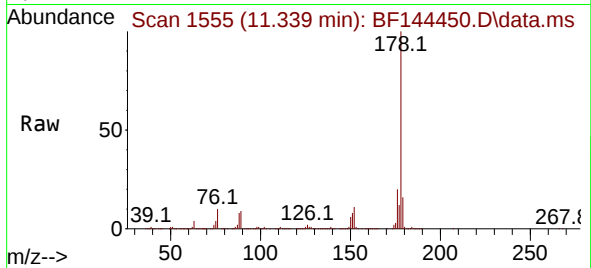




#71
Phenanthrene
Concen: 55.158 ng
RT: 11.339 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

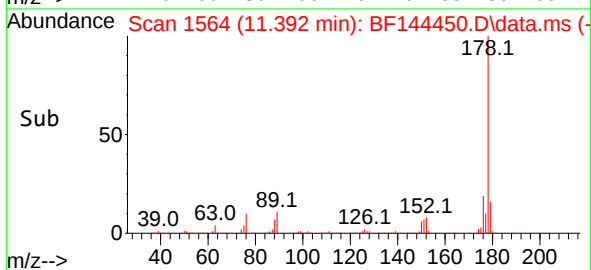
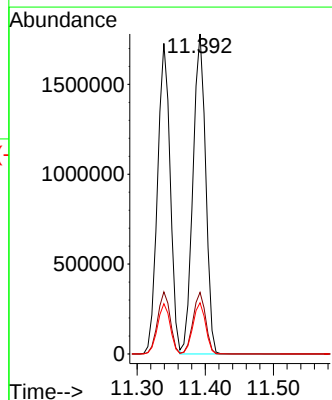
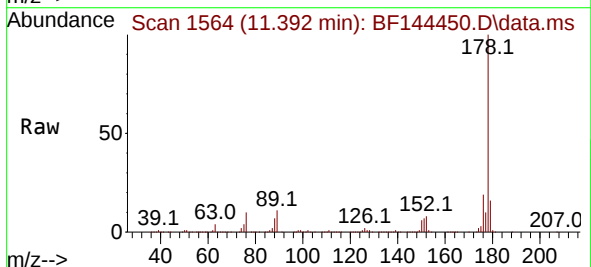
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

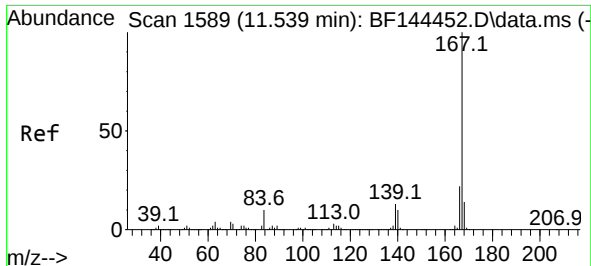
Tgt Ion:178 Resp: 2230619
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.2 12.5 18.7



#72
Anthracene
Concen: 55.941 ng
RT: 11.392 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:178 Resp: 2289708
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 16.0 12.7 19.1

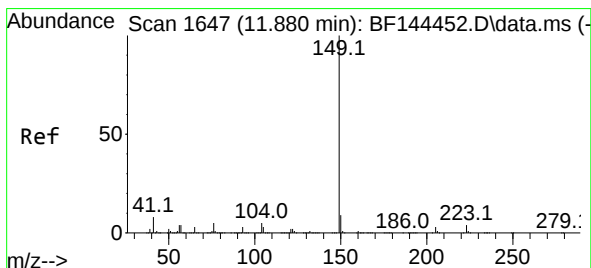
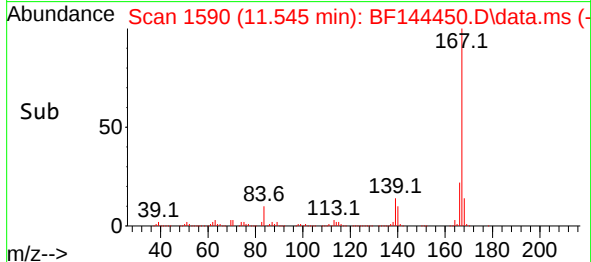
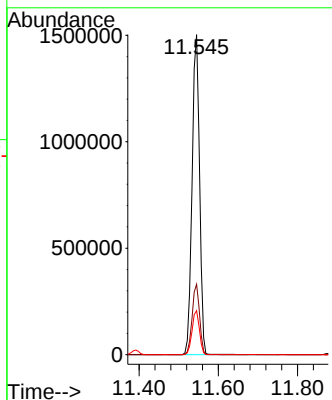
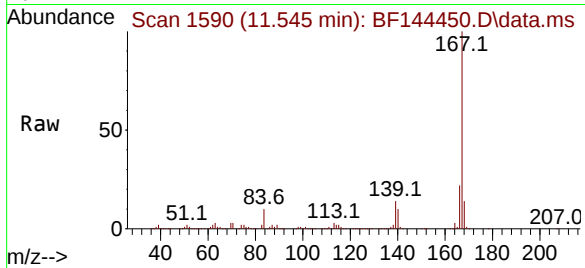




#73
 Carbazole
 Concen: 55.384 ng
 RT: 11.545 min Scan# 1590
 Delta R.T. 0.006 min
 Lab File: BF144450.D
 Acq: 12 Dec 2025 14:22

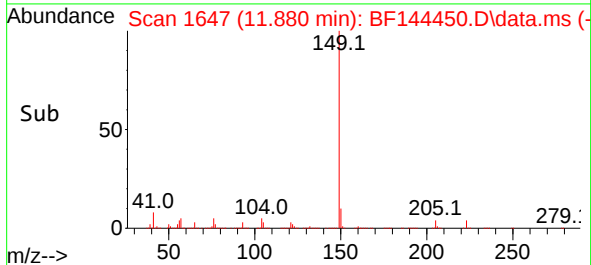
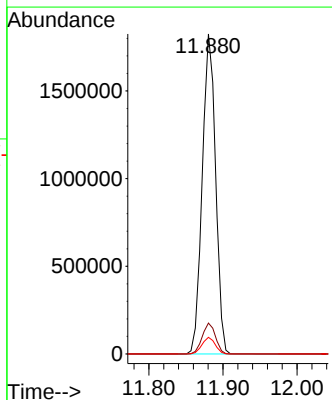
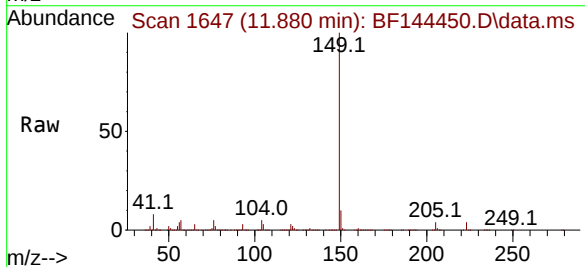
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

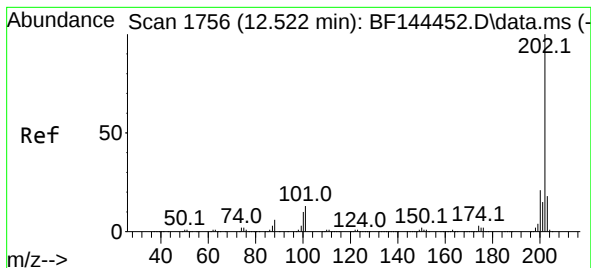
Tgt Ion:167 Resp: 1968004
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.7 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 60.108 ng
 RT: 11.880 min Scan# 1647
 Delta R.T. -0.000 min
 Lab File: BF144450.D
 Acq: 12 Dec 2025 14:22

Tgt Ion:149 Resp: 2283151
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.2 3.9 5.9





#75

Fluoranthene

Concen: 54.813 ng

RT: 12.521 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

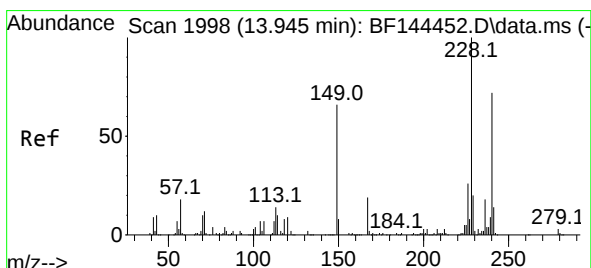
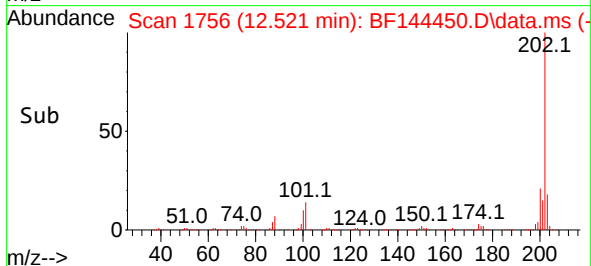
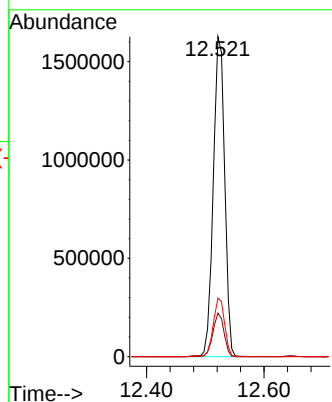
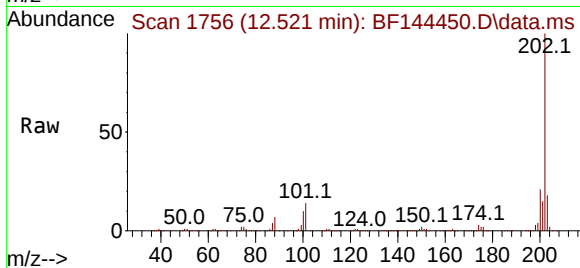
Tgt Ion:202 Resp: 2188942

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.9

203 18.3 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: BF144450.D

Acq: 12 Dec 2025 14:22

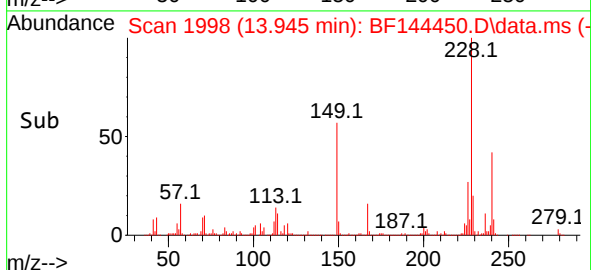
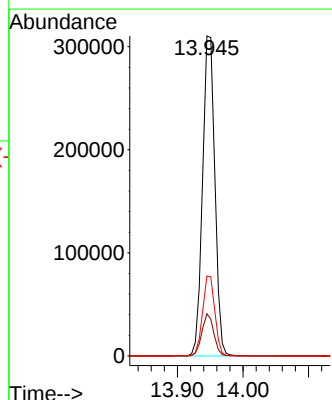
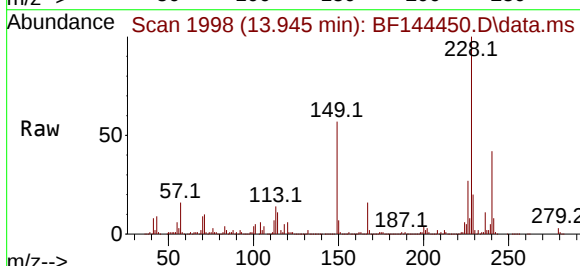
Tgt Ion:240 Resp: 407095

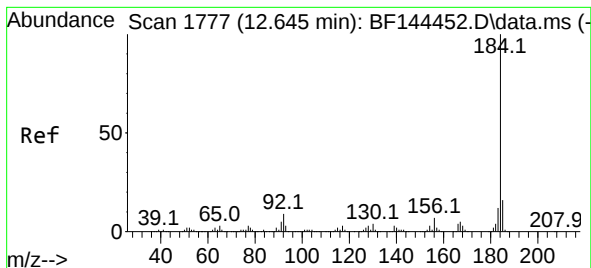
Ion Ratio Lower Upper

240 100

120 13.2 10.3 15.5

236 25.0 20.2 30.4





#77

Benzidine

Concen: 56.852 ng

RT: 12.645 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

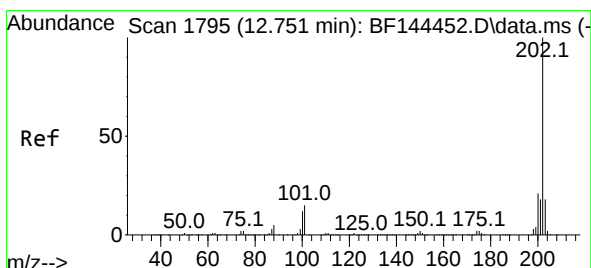
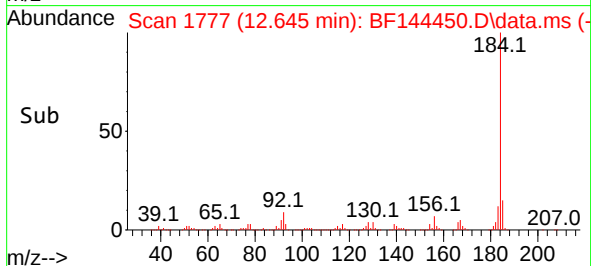
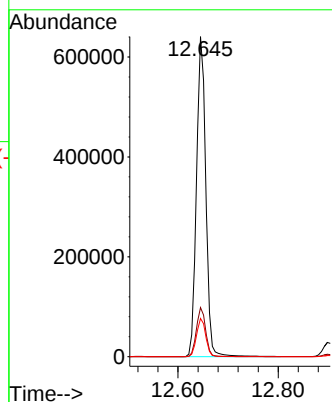
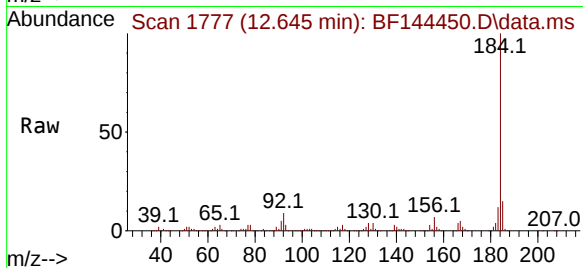
Tgt Ion:184 Resp: 824090

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

183 12.0 9.4 14.0



#78

Pyrene

Concen: 59.384 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

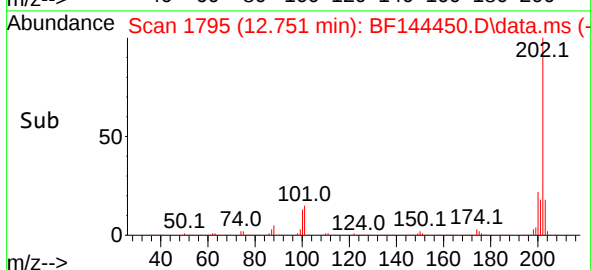
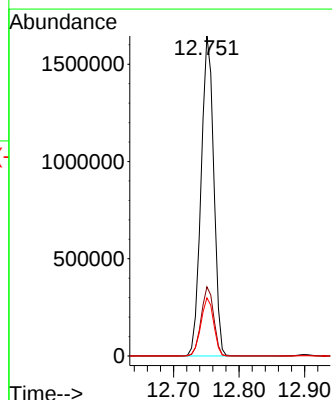
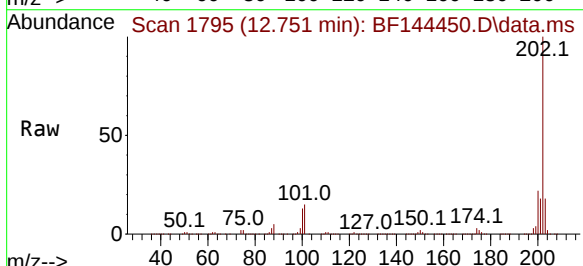
Tgt Ion:202 Resp: 2214882

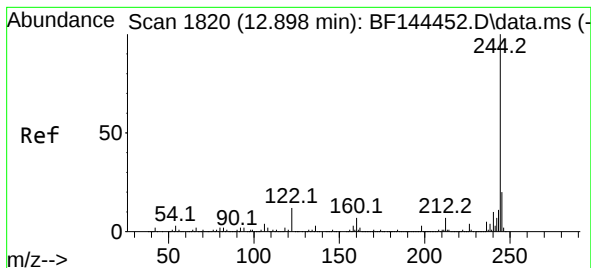
Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

203 18.2 14.2 21.4





#79

Terphenyl-d14

Concen: 113.839 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

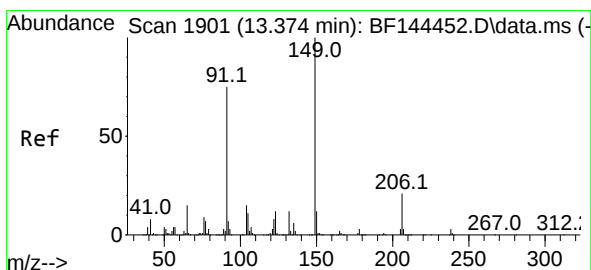
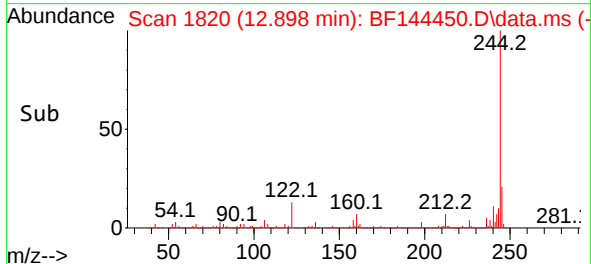
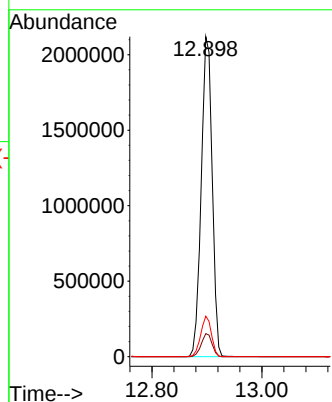
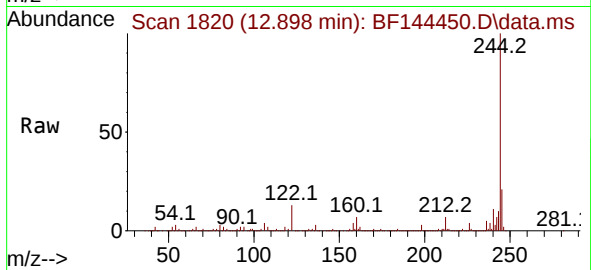
Tgt Ion:244 Resp: 2935384

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 12.7 9.9 14.9



#80

Butylbenzylphthalate

Concen: 60.190 ng

RT: 13.374 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

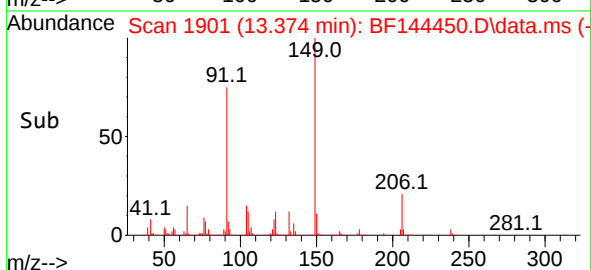
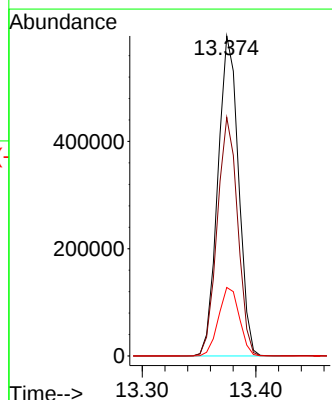
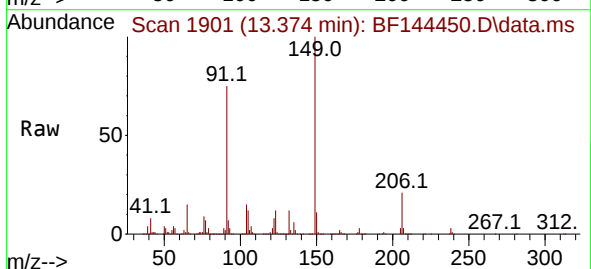
Tgt Ion:149 Resp: 753778

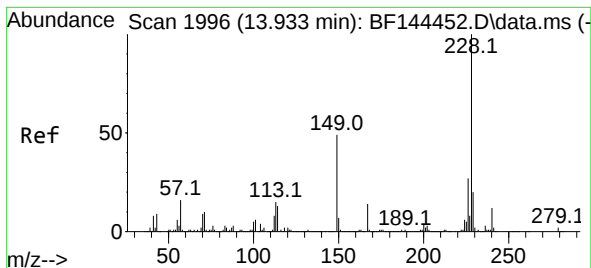
Ion Ratio Lower Upper

149 100

91 74.6 59.8 89.8

206 21.4 17.0 25.6





#81

Benzo(a)anthracene

Concen: 58.130 ng

RT: 13.939 min Scan# 1996

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

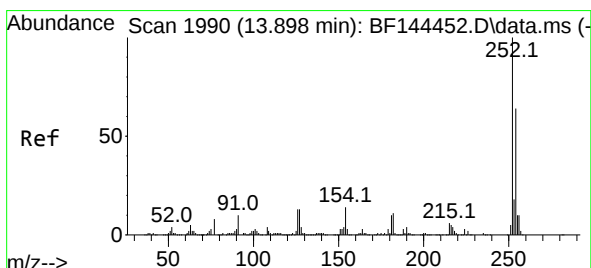
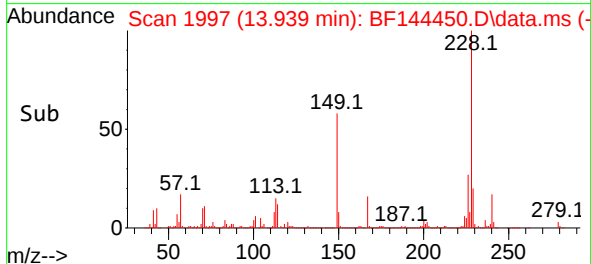
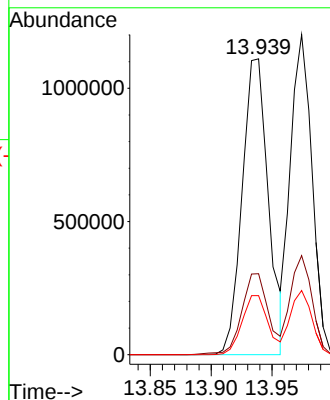
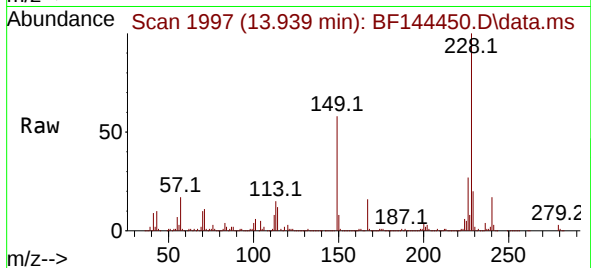
Tgt Ion:228 Resp: 1666488

Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 60.388 ng

RT: 13.904 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

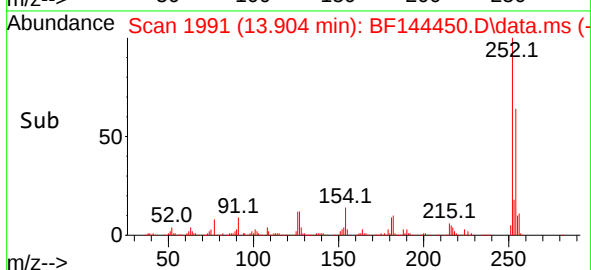
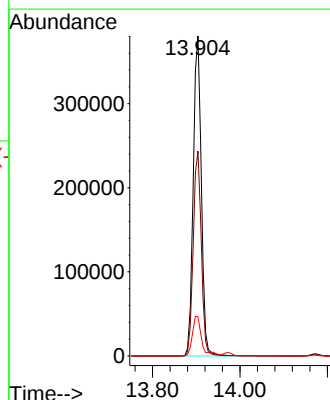
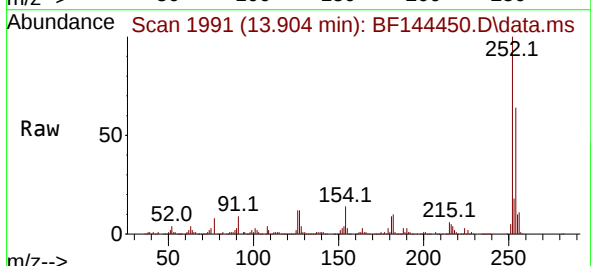
Tgt Ion:252 Resp: 490558

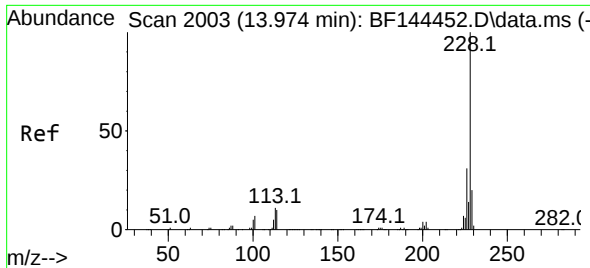
Ion Ratio Lower Upper

252 100

254 64.0 51.1 76.7

126 12.3 10.4 15.6

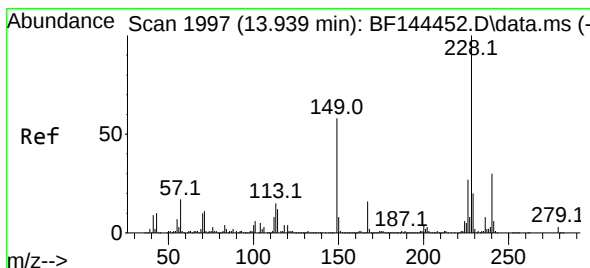
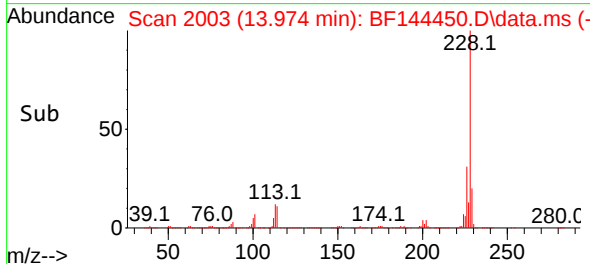
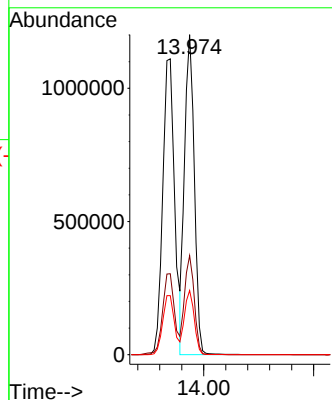
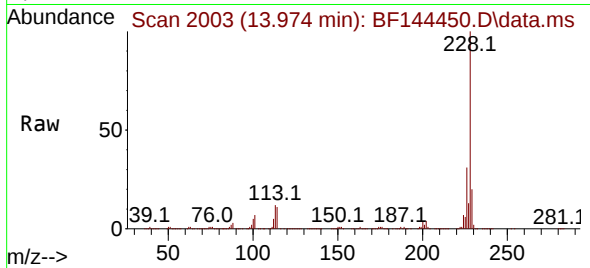




#83
Chrysene
Concen: 56.610 ng
RT: 13.974 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

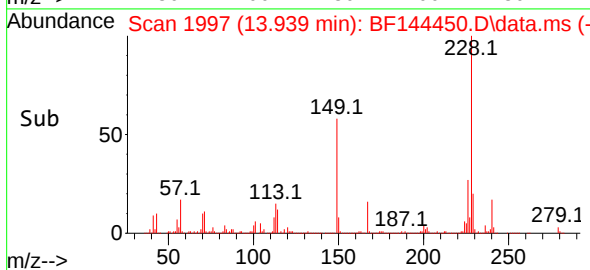
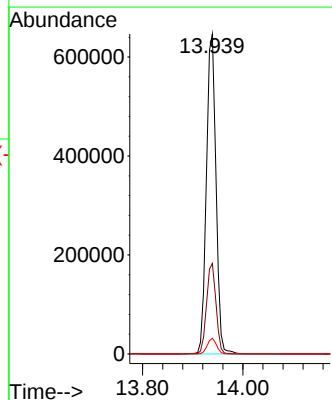
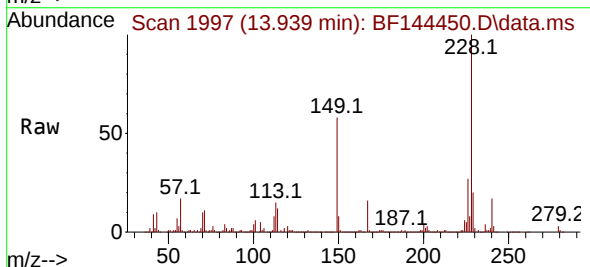
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

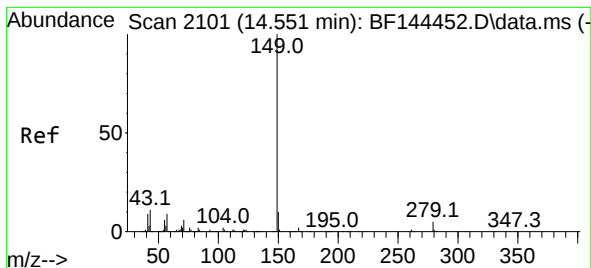
Tgt Ion:228 Resp: 1485265
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 20.1 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.172 ng
RT: 13.939 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:149 Resp: 860099
Ion Ratio Lower Upper
149 100
167 28.3 22.6 34.0
279 4.9 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 59.432 ng

RT: 14.551 min Scan# 2101

Delta R.T. -0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

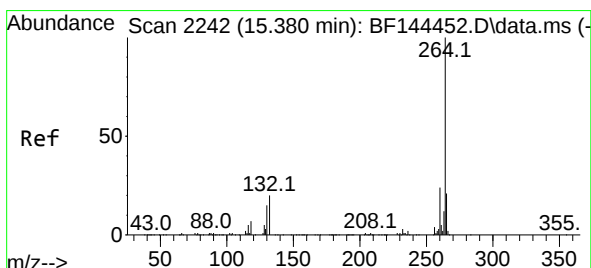
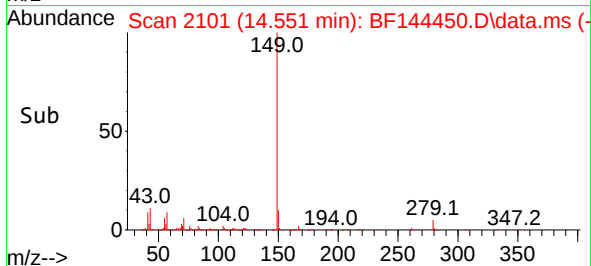
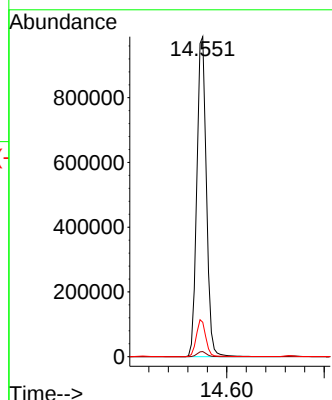
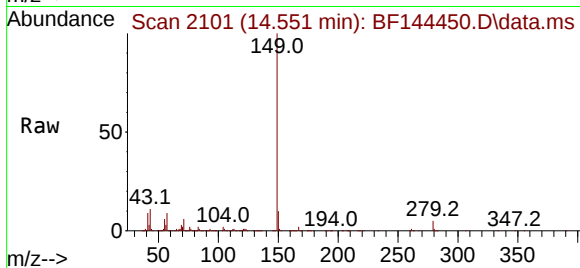
Tgt Ion:149 Resp: 1353915

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.4 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: BF144450.D

Acq: 12 Dec 2025 14:22

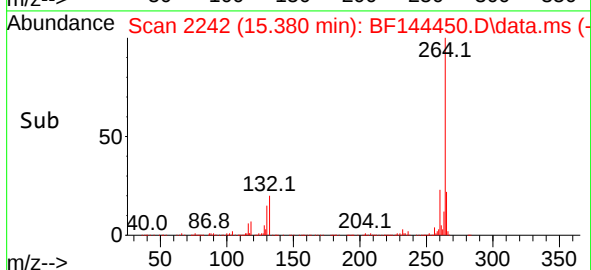
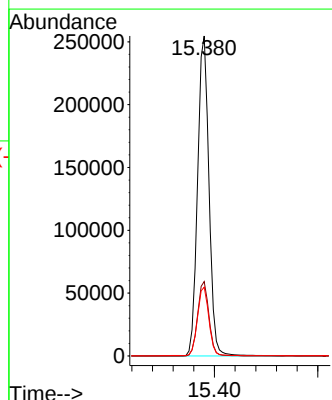
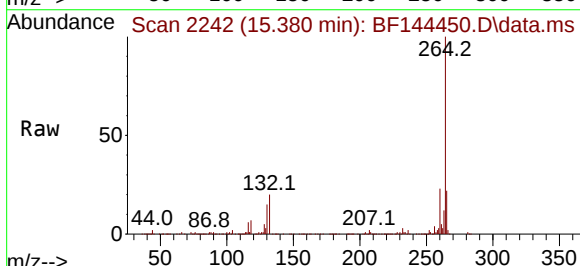
Tgt Ion:264 Resp: 388224

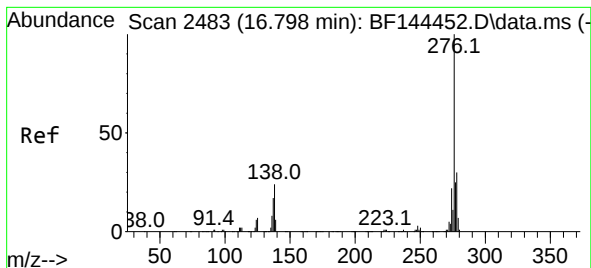
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 67.364 ng

RT: 16.804 min Scan# 2484

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

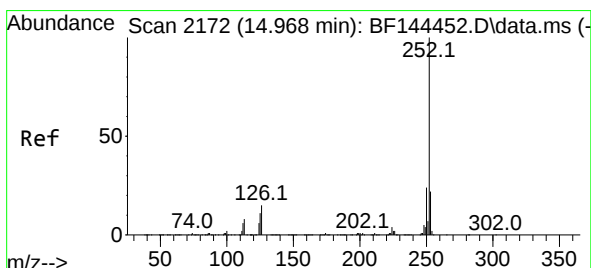
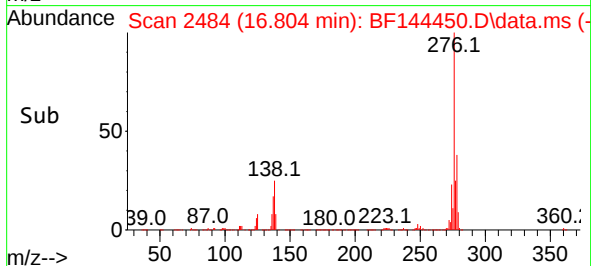
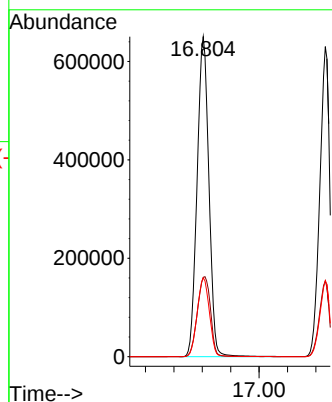
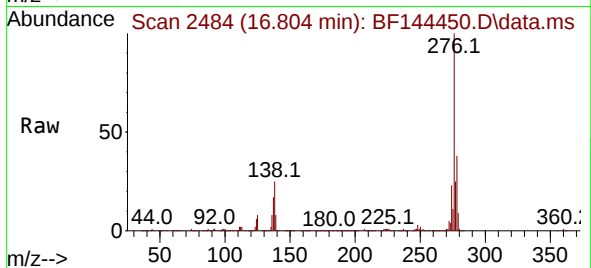
Tgt Ion:276 Resp: 1877153

Ion Ratio Lower Upper

276 100

138 27.6 21.9 32.9

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 55.667 ng

RT: 14.968 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

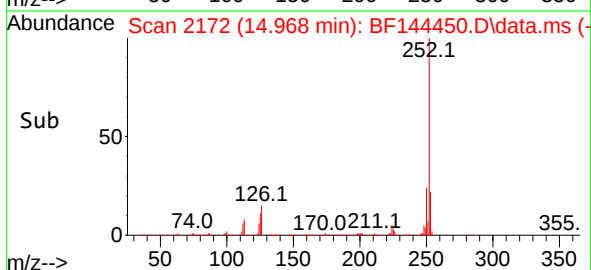
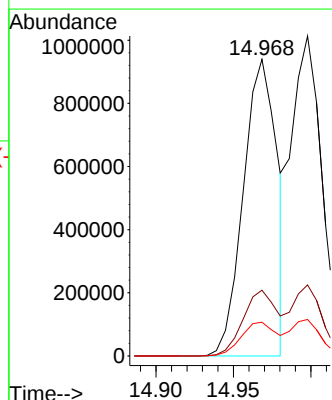
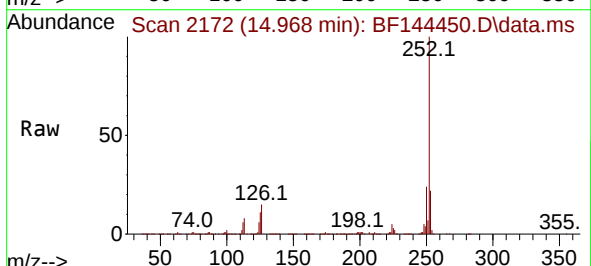
Tgt Ion:252 Resp: 1418748

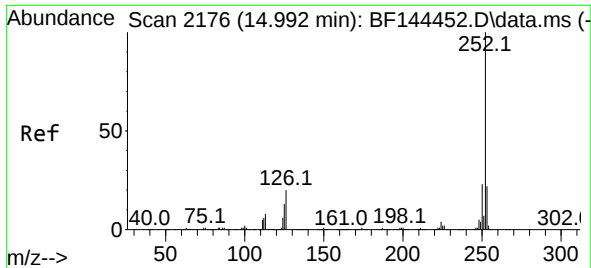
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.4 9.0 13.4

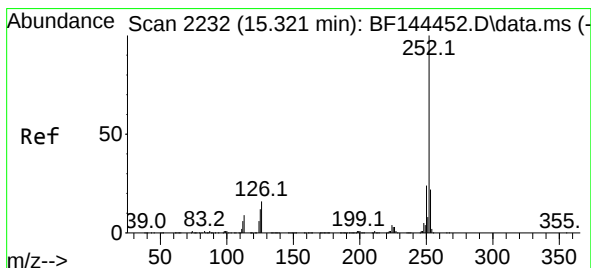
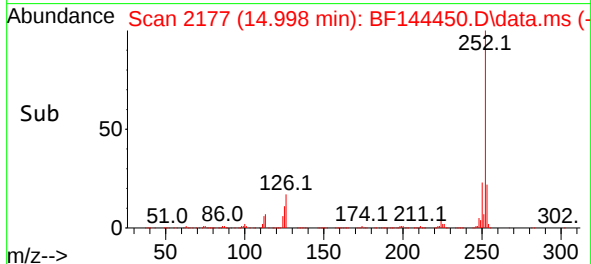
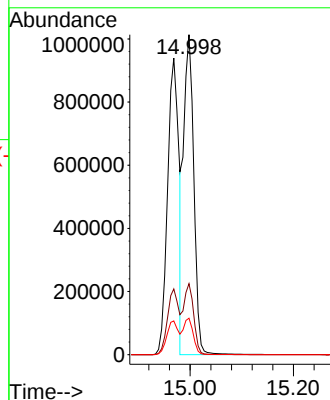
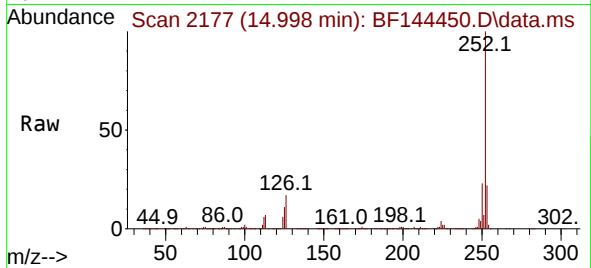




#89
Benzo(k)fluoranthene
Concen: 57.891 ng
RT: 14.998 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

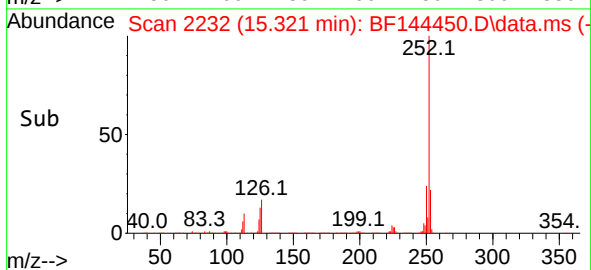
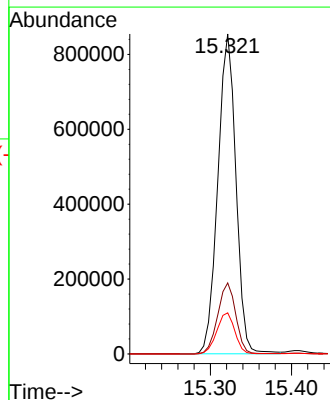
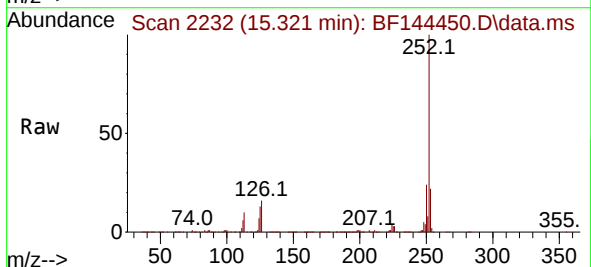
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

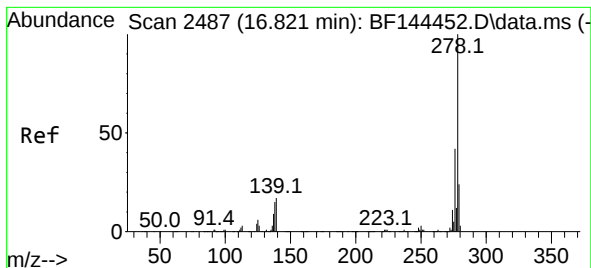
Tgt Ion:252 Resp: 1395107
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.4 9.7 14.5



#90
Benzo(a)pyrene
Concen: 59.582 ng
RT: 15.321 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BF144450.D
Acq: 12 Dec 2025 14:22

Tgt Ion:252 Resp: 1327344
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 12.9 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 66.347 ng

RT: 16.821 min Scan# 2487

Delta R.T. -0.000 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

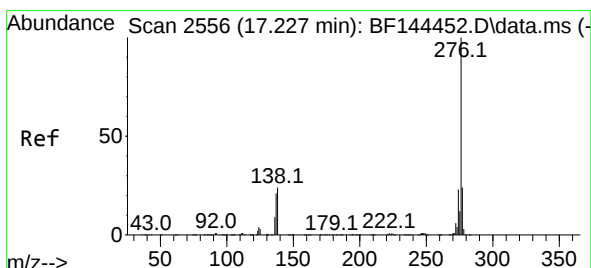
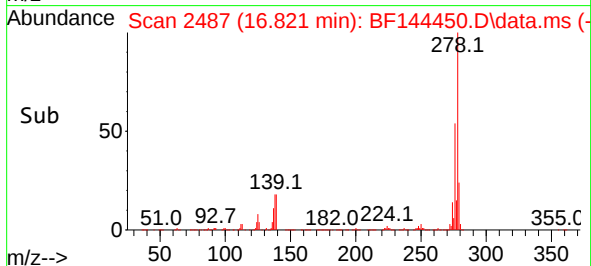
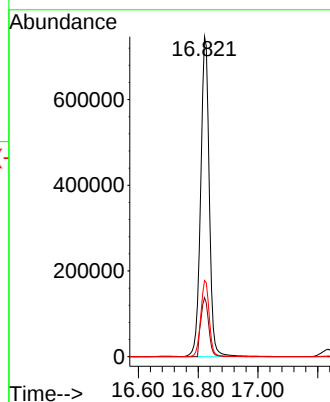
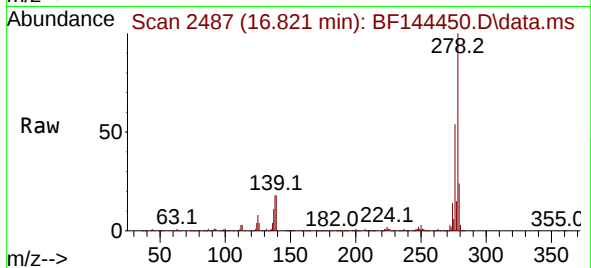
Tgt Ion:278 Resp: 1493109

Ion Ratio Lower Upper

278 100

139 18.4 13.6 20.4

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 66.626 ng

RT: 17.233 min Scan# 2557

Delta R.T. 0.006 min

Lab File: BF144450.D

Acq: 12 Dec 2025 14:22

Tgt Ion:276 Resp: 1524552

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 24.4 19.4 29.2

