

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144453.D
 Acq On : 12 Dec 2025 16:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121225

Quant Time: Dec 12 16:46:53 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	228993	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	897927	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	482666	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	777264	20.000	ng	0.00
76) Chrysene-d12	13.945	240	428285	20.000	ng	0.00
86) Perylene-d12	15.380	264	418823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1066823	70.245	ng	0.00
7) Phenol-d6	6.416	99	1328620	70.137	ng	0.00
23) Nitrobenzene-d5	7.357	82	1132258	78.909	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	331384	75.940	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2084441	66.251	ng	0.00
79) Terphenyl-d14	12.898	244	1879789	69.295	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	262255	35.911	ng	99
3) Pyridine	3.222	79	708413	35.278	ng	100
4) n-Nitrosodimethylamine	3.169	42	326649	37.430	ng	100
6) Aniline	6.457	93	970951	36.744	ng	99
8) 2-Chlorophenol	6.575	128	612394	37.611	ng	100
9) Benzaldehyde	6.345	77	470234	31.709	ng	99
10) Phenol	6.428	94	814985	36.453	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	572282	35.020	ng	100
12) 1,3-Dichlorobenzene	6.734	146	641073	36.441	ng	99
13) 1,4-Dichlorobenzene	6.816	146	639820	36.248	ng	100
14) 1,2-Dichlorobenzene	6.963	146	619178	36.938	ng	100
15) Benzyl Alcohol	6.934	79	525620	37.645	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	916437	33.231	ng	99
17) 2-Methylphenol	7.039	107	498552	36.323	ng	99
18) Hexachloroethane	7.310	117	228966	37.333	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	434437	36.307	ng	100
20) 3+4-Methylphenols	7.198	107	616615	36.563	ng	97
22) Acetophenone	7.204	105	794208	35.659	ng	99
24) Nitrobenzene	7.375	77	632728	40.648	ng	100
25) Isophorone	7.616	82	1160863	35.848	ng	99
26) 2-Nitrophenol	7.692	139	266268	40.408	ng	99
27) 2,4-Dimethylphenol	7.728	122	570737	36.938	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	703781	35.269	ng	99
29) 2,4-Dichlorophenol	7.928	162	488764	38.070	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	520755	37.397	ng	98
31) Naphthalene	8.098	128	1712530	35.437	ng	100
32) Benzoic acid	7.828	122	320610	36.643	ng	99
33) 4-Chloroaniline	8.145	127	725082	37.327	ng	99
34) Hexachlorobutadiene	8.222	225	305859	35.523	ng	99
35) Caprolactam	8.516	113	155941	36.782	ng	98
36) 4-Chloro-3-methylphenol	8.622	107	511781	36.720	ng	100
37) 2-Methylnaphthalene	8.792	142	1026523	32.285	ng	99
38) 1-Methylnaphthalene	8.892	142	1056202	34.114	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	494806	36.021	ng	100
41) Hexachlorocyclopentadiene	8.945	237	317717	39.081	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	340763	39.064	ng	98

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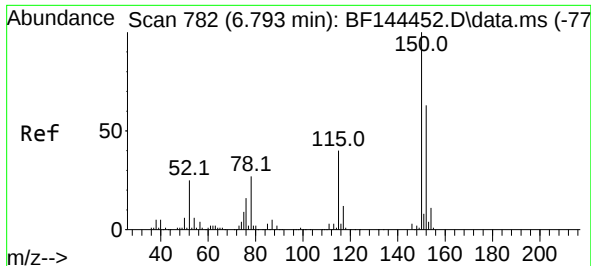
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	349575	38.181	ng	99
46) 1,1'-Biphenyl	9.257	154	1333299	35.347	ng	99
47) 2-Chloronaphthalene	9.280	162	1022865	35.522	ng	100
48) 2-Nitroaniline	9.369	65	310041	38.330	ng	99
49) Acenaphthylene	9.692	152	1670375	36.613	ng	100
50) Dimethylphthalate	9.557	163	1154706	35.417	ng	100
51) 2,6-Dinitrotoluene	9.616	165	246481	41.804	ng	99
52) Acenaphthene	9.863	154	1009565	35.491	ng	100
53) 3-Nitroaniline	9.780	138	284941	39.552	ng	99
54) 2,4-Dinitrophenol	9.880	184	88929	39.519	ng	# 65
55) Dibenzofuran	10.039	168	1430002	35.332	ng	99
56) 4-Nitrophenol	9.927	139	221030	39.810	ng	99
57) 2,4-Dinitrotoluene	10.016	165	309399	38.730	ng	97
58) Fluorene	10.380	166	1062616	34.672	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	297073	42.744	ng	97
60) Diethylphthalate	10.257	149	1101383	35.644	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	517958	34.446	ng	100
62) 4-Nitroaniline	10.392	138	265661	37.440	ng	99
63) Azobenzene	10.533	77	1167345	35.746	ng	100
65) 4,6-Dinitro-2-methylph...	10.422	198	134819	40.176	ng	98
66) n-Nitrosodiphenylamine	10.492	169	958294	35.977	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	326663	36.000	ng	99
68) Hexachlorobenzene	10.922	284	358339	35.774	ng	99
69) Atrazine	11.016	200	309934	37.148	ng	100
70) Pentachlorophenol	11.116	266	218340	38.215	ng	98
71) Phenanthrene	11.339	178	1561820	34.855	ng	100
72) Anthracene	11.392	178	1596751	35.207	ng	99
73) Carbazole	11.539	167	1391570	35.344	ng	100
74) Di-n-butylphthalate	11.880	149	1503143	35.715	ng	100
75) Fluoranthene	12.521	202	1473371	33.297	ng	100
77) Benzidine	12.645	184	688687	45.160	ng	100
78) Pyrene	12.751	202	1487940	37.920	ng	100
80) Butylbenzylphthalate	13.374	149	439891	34.839	ng	100
81) Benzo(a)anthracene	13.933	228	1090859	36.169	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	334015	39.083	ng	99
83) Chrysene	13.974	228	927546	33.604	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	509600	34.594	ng	99
85) Di-n-octyl phthalate	14.551	149	757278	34.643	ng	100
87) Indeno(1,2,3-cd)pyrene	16.798	276	1221861	40.644	ng	99
88) Benzo(b)fluoranthene	14.968	252	929180	33.794	ng	100
89) Benzo(k)fluoranthene	14.992	252	852647	32.796	ng	100
90) Benzo(a)pyrene	15.321	252	871712	36.271	ng	100
91) Dibenzo(a,h)anthracene	16.821	278	1009049	41.562	ng	99
92) Benzo(g,h,i)perylene	17.227	276	1026454	41.581	ng	100

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

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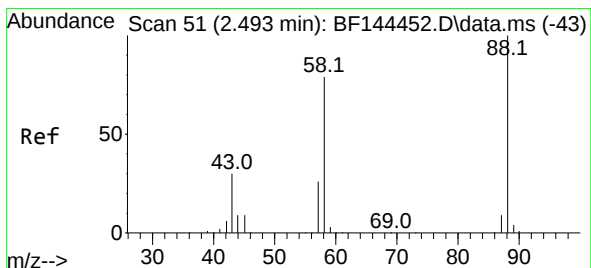
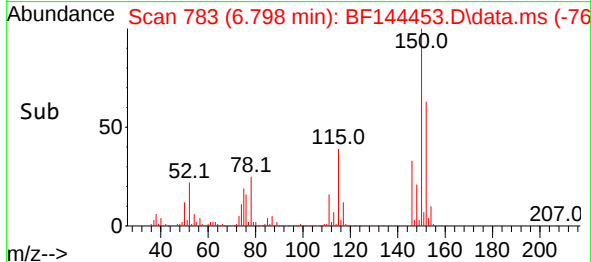
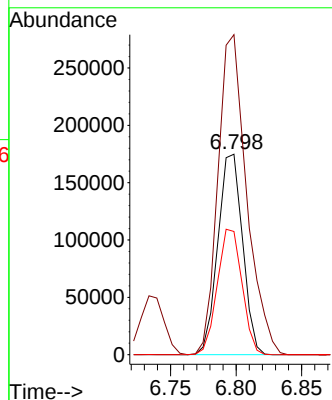
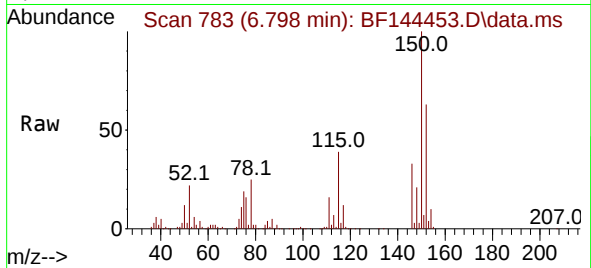




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

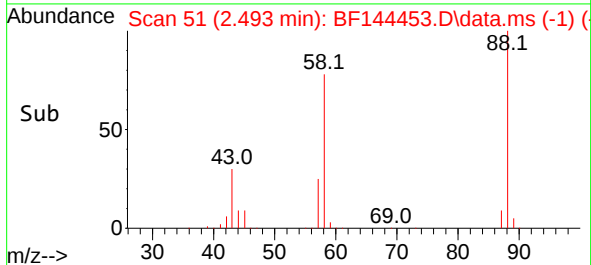
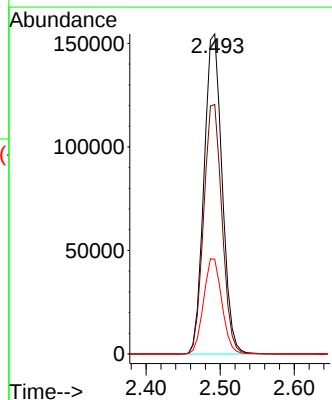
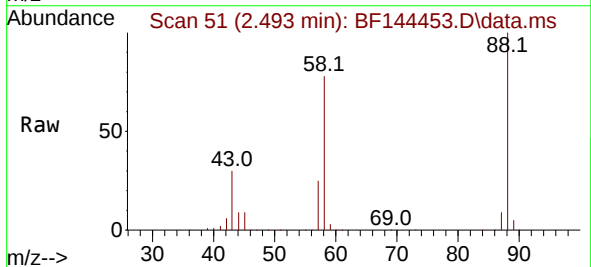
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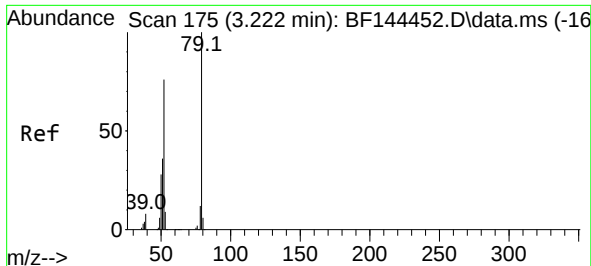
Tgt Ion:152 Resp: 228993
Ion Ratio Lower Upper
152 100
150 159.6 127.4 191.2
115 61.5 51.4 77.0



#2
1,4-Dioxane
Concen: 35.911 ng
RT: 2.493 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion: 88 Resp: 262255
Ion Ratio Lower Upper
88 100
58 78.7 63.9 95.9
43 30.1 24.2 36.4

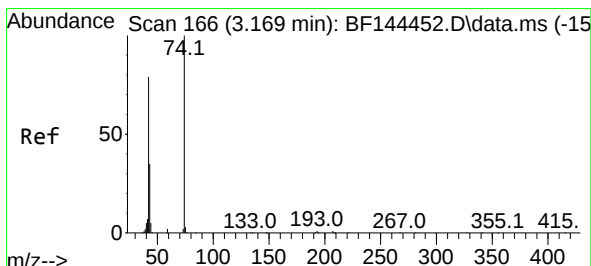
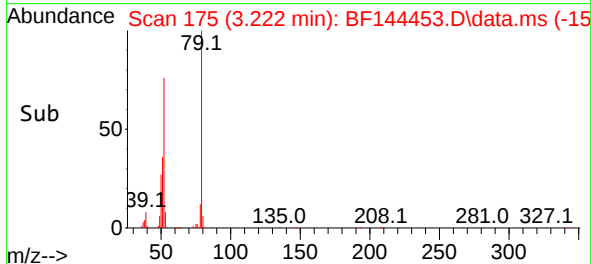
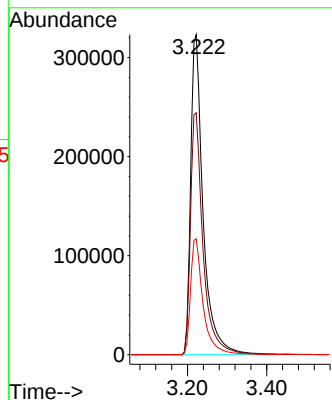
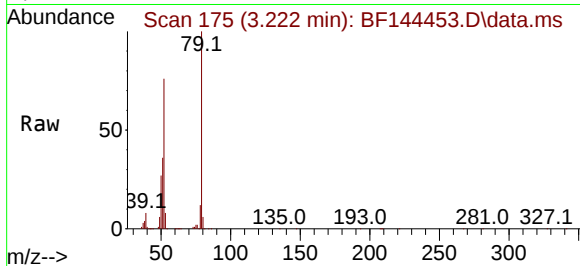




#3
Pyridine
Concen: 35.278 ng
RT: 3.222 min Scan# 175
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

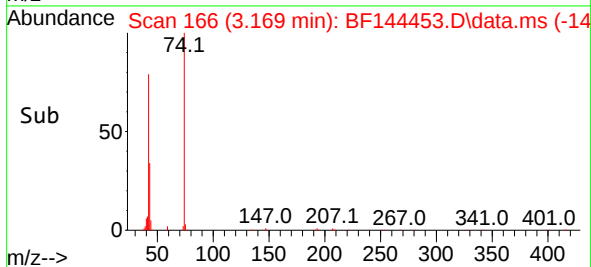
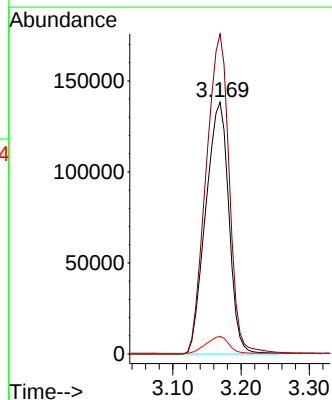
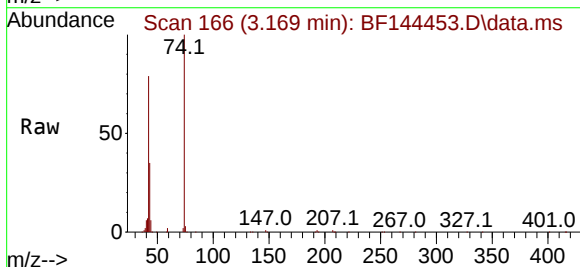
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BNA_F
ClientSampleId :
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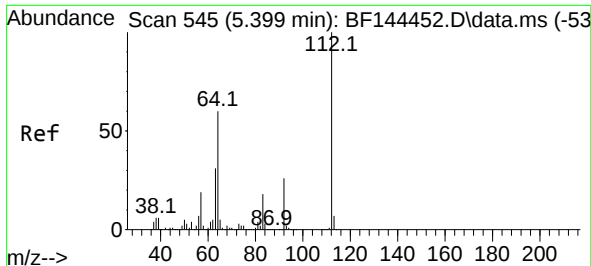
Tgt Ion: 79 Resp: 708413
Ion Ratio Lower Upper
79 100
52 75.6 60.5 90.7
51 36.2 29.0 43.6



#4
n-Nitrosodimethylamine
Concen: 37.430 ng
RT: 3.169 min Scan# 166
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion: 42 Resp: 326649
Ion Ratio Lower Upper
42 100
74 127.2 101.8 152.8
44 7.0 5.7 8.5

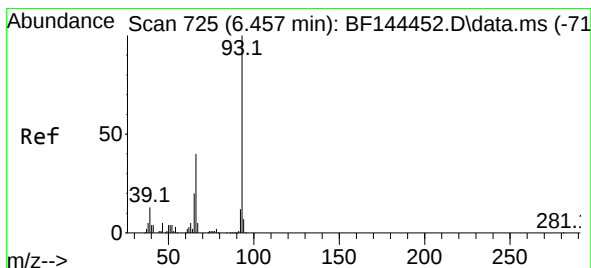
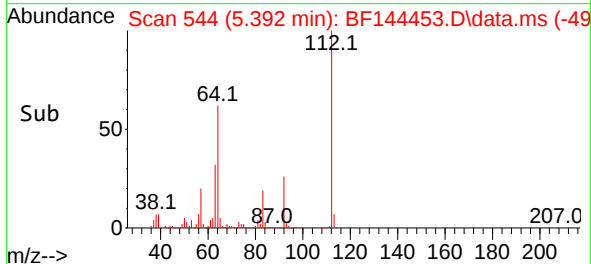
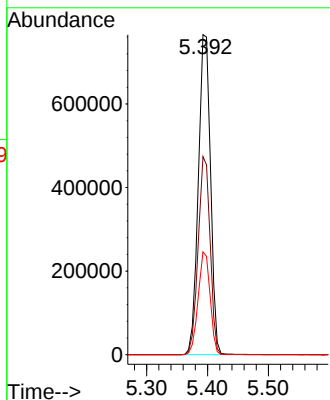
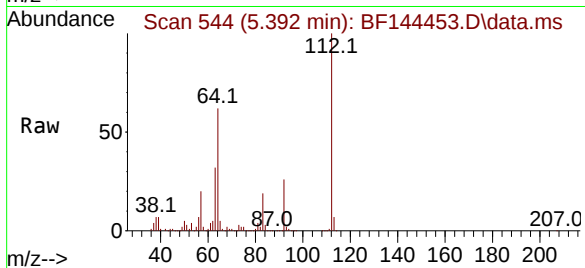




#5
2-Fluorophenol
Concen: 70.245 ng
RT: 5.392 min Scan# 545
Delta R.T. -0.006 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

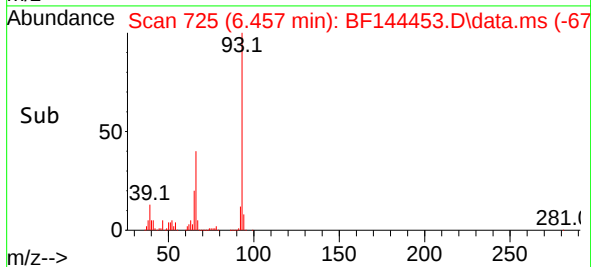
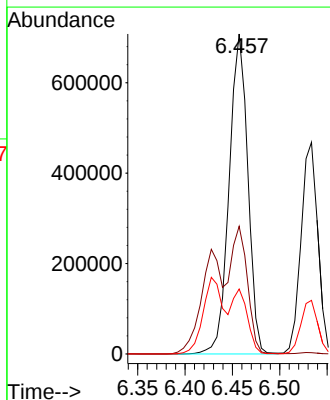
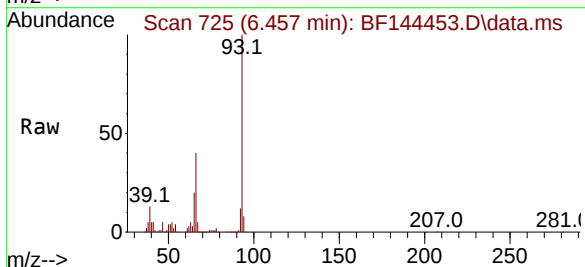
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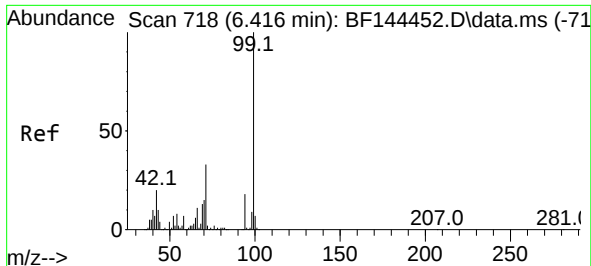
Tgt Ion:112 Resp: 1066823
Ion Ratio Lower Upper
112 100
64 61.9 47.8 71.6
63 32.1 24.6 37.0



#6
Aniline
Concen: 36.744 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion: 93 Resp: 970951
Ion Ratio Lower Upper
93 100
66 39.9 32.4 48.6
65 20.3 16.1 24.1





#7
Phenol-d6
Concen: 70.137 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

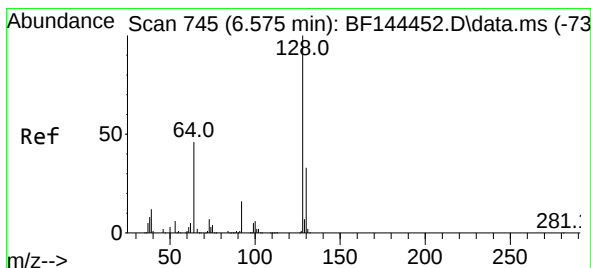
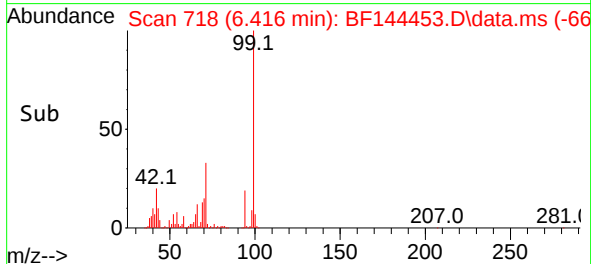
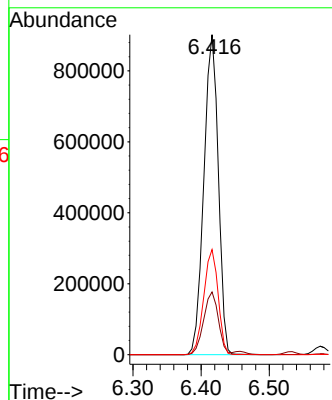
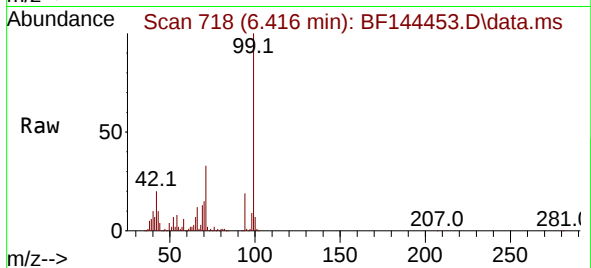
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ClientSampleId :

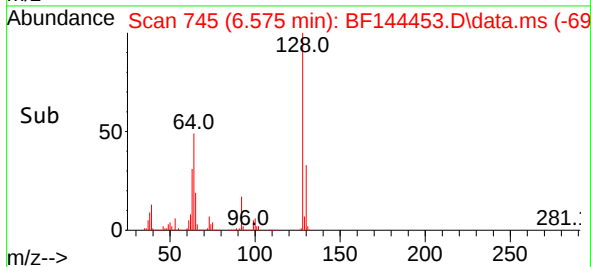
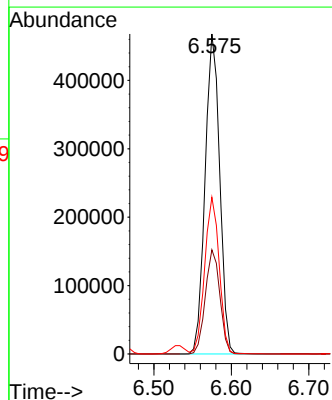
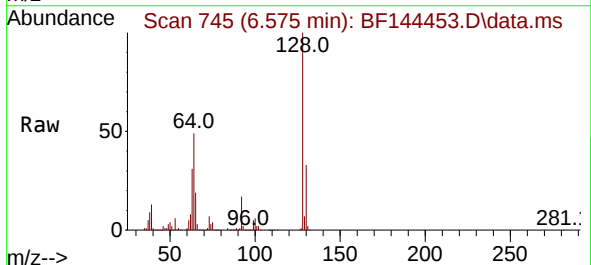
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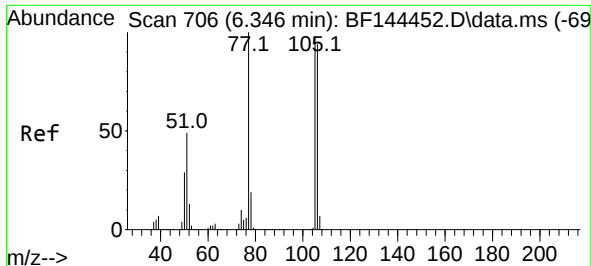
Tgt Ion: 99 Resp: 1328620
Ion Ratio Lower Upper
99 100
42 19.6 15.7 23.5
71 32.8 26.4 39.6



#8
2-Chlorophenol
Concen: 37.611 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion: 128 Resp: 612394
Ion Ratio Lower Upper
128 100
130 32.5 13.0 53.0
64 48.9 28.9 68.9

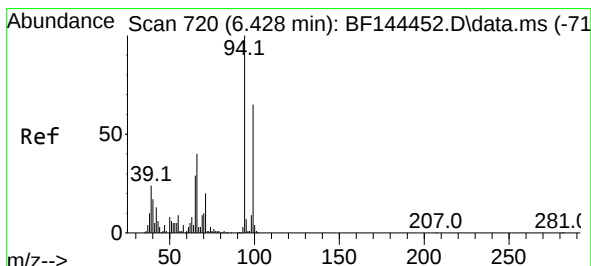
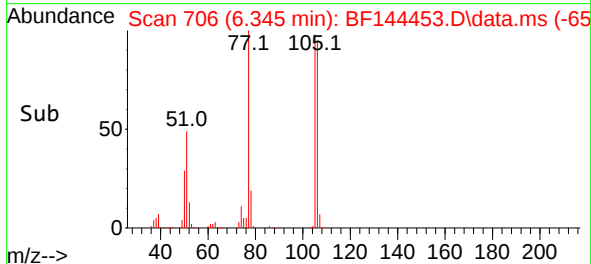
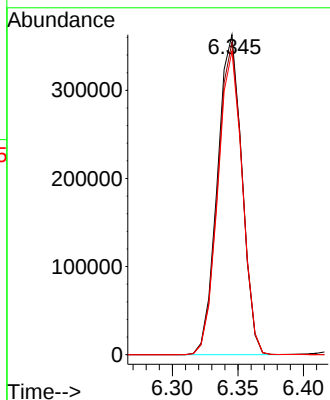
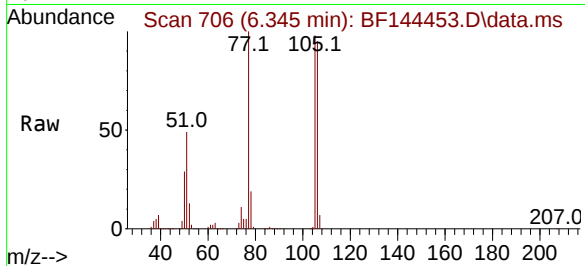




#9
Benzaldehyde
Concen: 31.709 ng
RT: 6.345 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

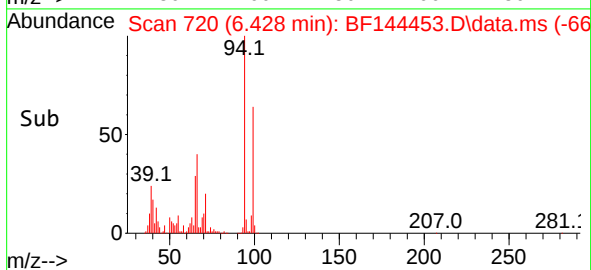
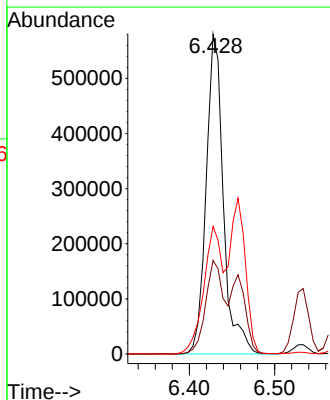
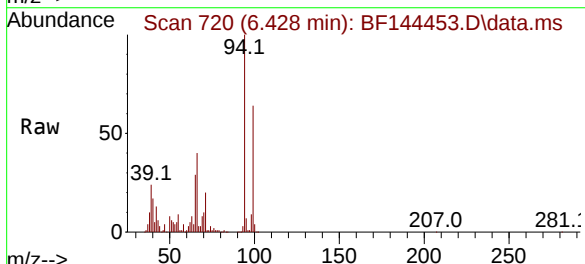
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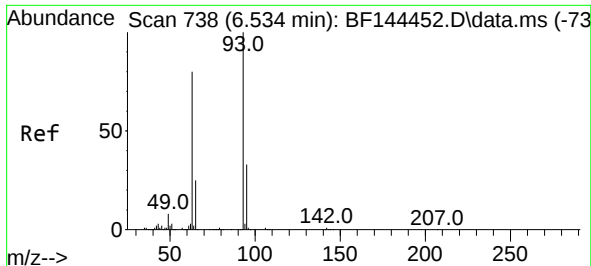
Tgt Ion: 77 Resp: 470234
Ion Ratio Lower Upper
77 100
105 97.6 77.0 117.0
106 94.9 74.1 114.1



#10
Phenol
Concen: 36.453 ng
RT: 6.428 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion: 94 Resp: 814985
Ion Ratio Lower Upper
94 100
65 29.2 9.1 49.1
66 39.9 20.3 60.3





#11

bis(2-Chloroethyl)ether

Concen: 35.020 ng

RT: 6.534 min Scan# 711

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

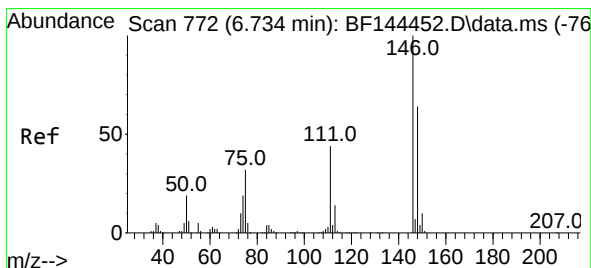
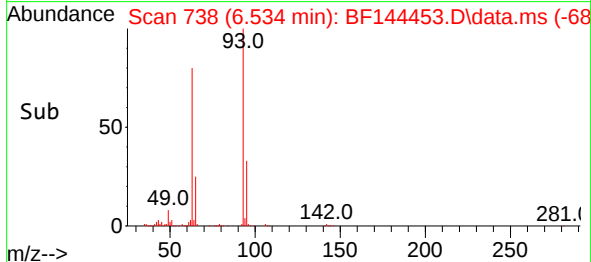
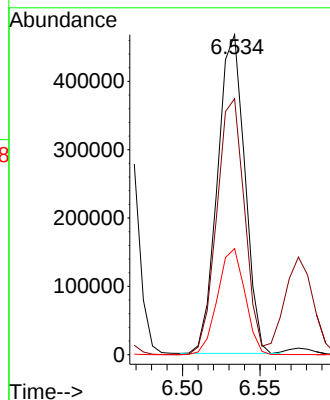
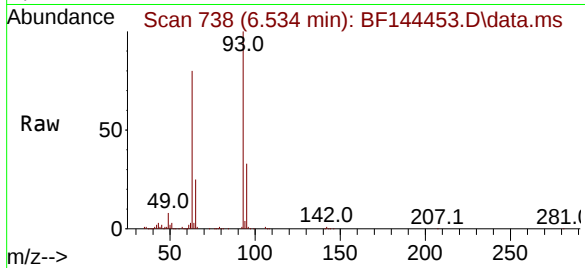
BNA_F

ClientSampleId :

ICVBF121225

Tgt Ion: 93 Resp: 572282

Ion	Ratio	Lower	Upper
93	100		
63	80.0	59.8	99.8
95	33.1	13.0	53.0



#12

1,3-Dichlorobenzene

Concen: 36.441 ng

RT: 6.734 min Scan# 772

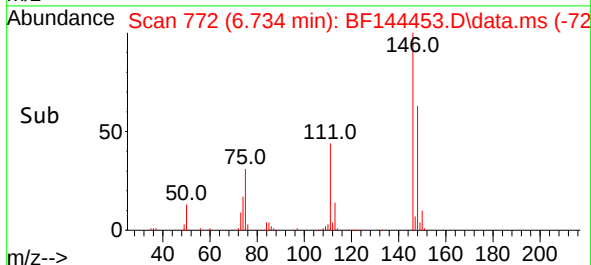
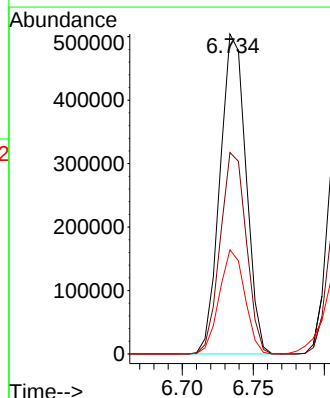
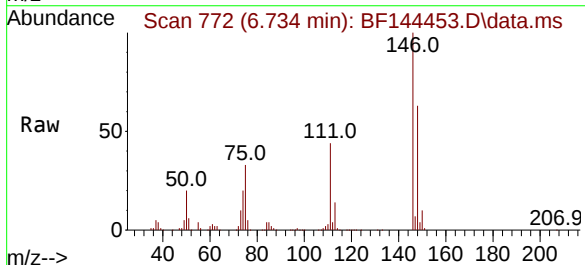
Delta R.T. -0.000 min

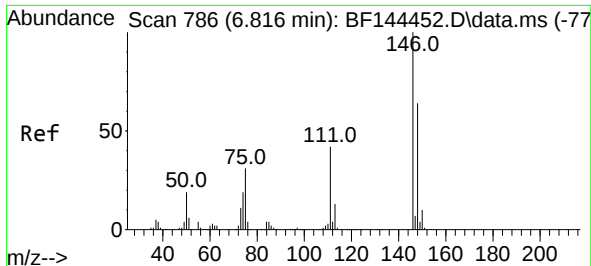
Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Tgt Ion: 146 Resp: 641073

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.6
75	32.5	25.8	38.8

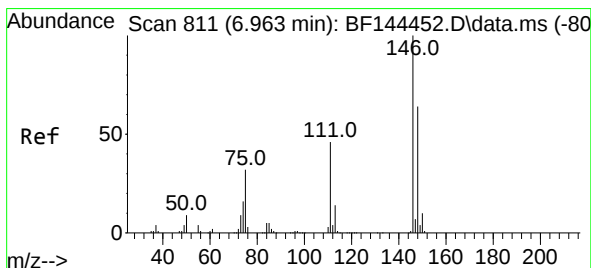
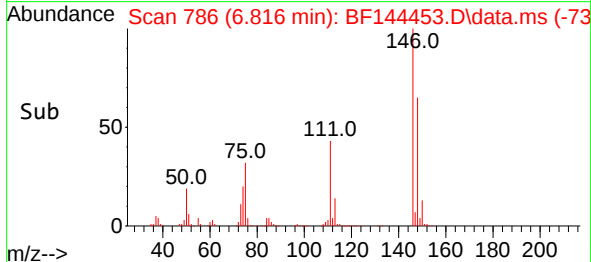
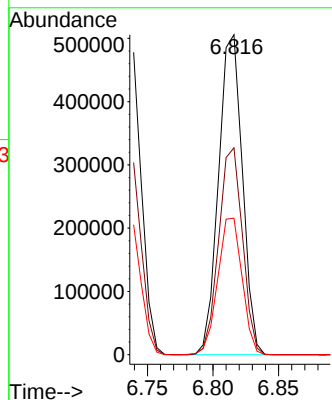
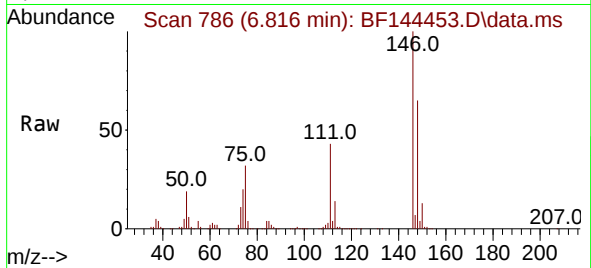




#13
1,4-Dichlorobenzene
Concen: 36.248 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

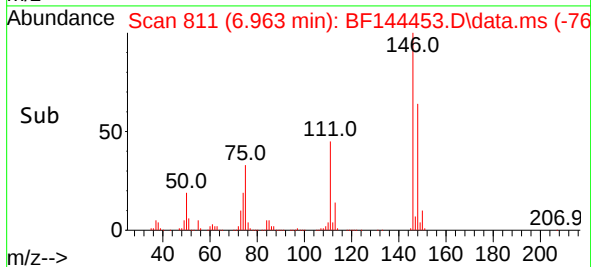
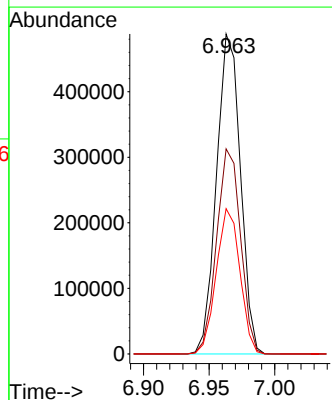
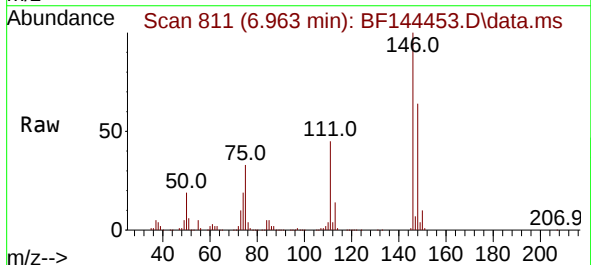
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

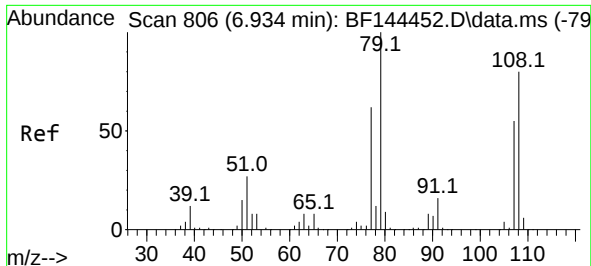
Tgt Ion:146 Resp: 639820
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 42.7 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 36.938 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:146 Resp: 619178
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 45.4 36.5 54.7

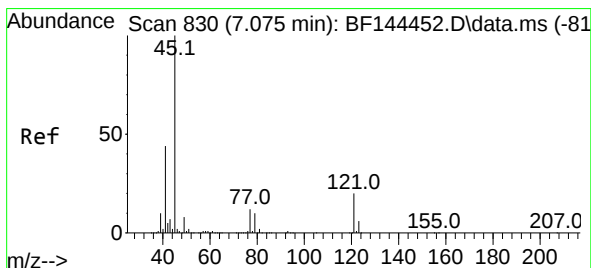
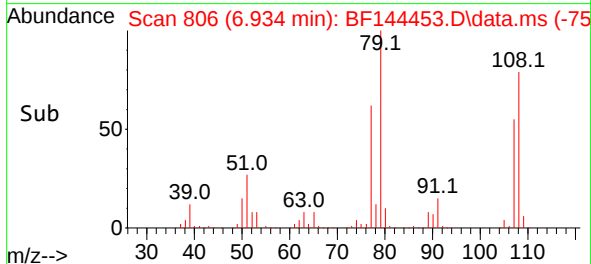
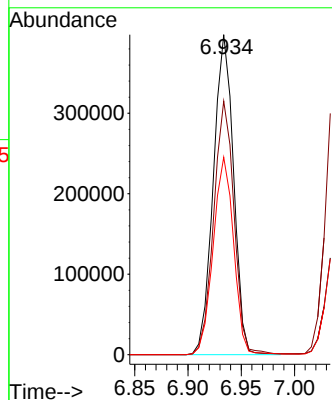
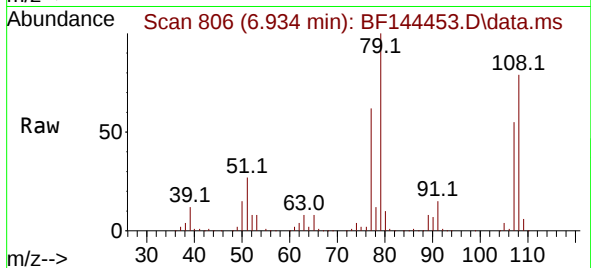




#15
Benzyl Alcohol
Concen: 37.645 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

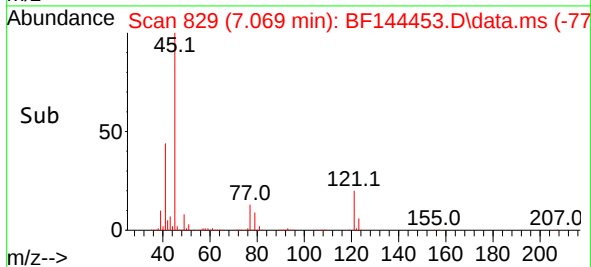
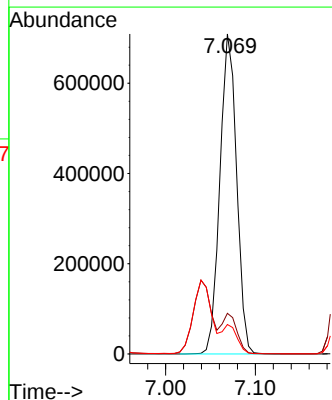
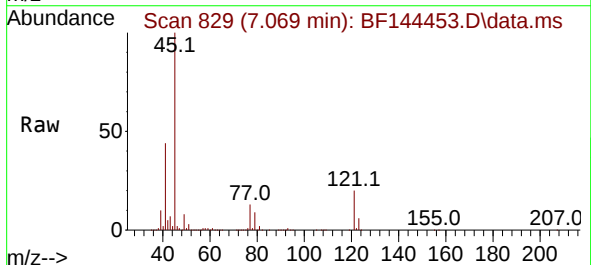
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

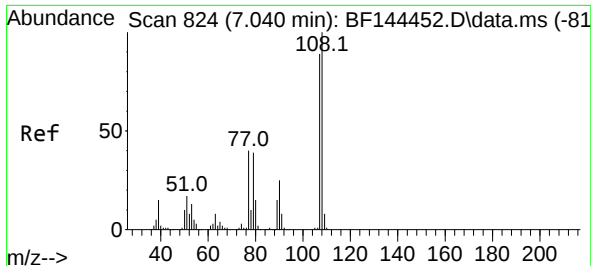
Tgt Ion: 79 Resp: 525620
Ion Ratio Lower Upper
79 100
108 79.3 63.7 95.5
77 61.7 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.231 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion: 45 Resp: 916437
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.6
79 9.2 0.0 29.9



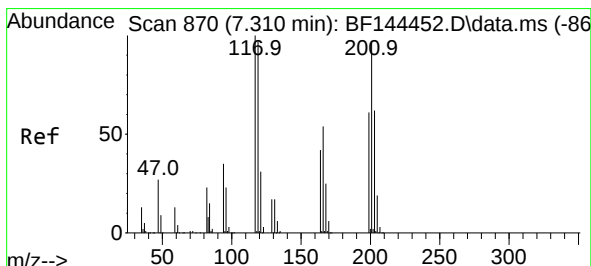
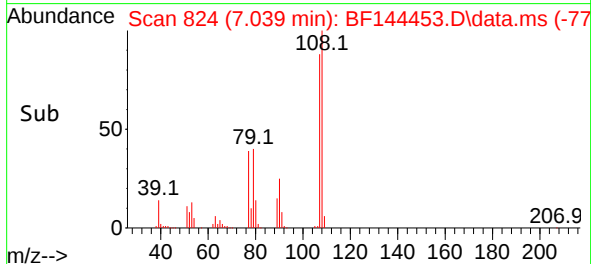
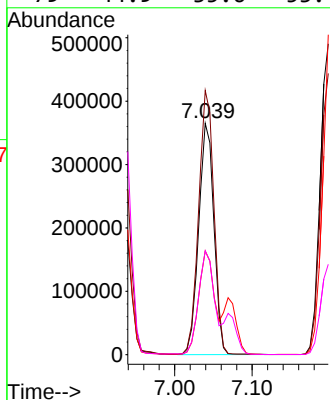
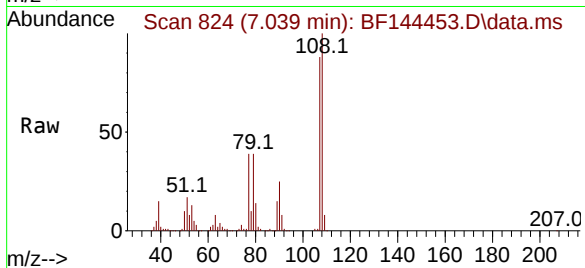


#17
2-Methylphenol
Concen: 36.323 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Instrument :
BNA_F
ClientSampleId :
ICVBF121225

Tgt Ion:107 Resp: 498552

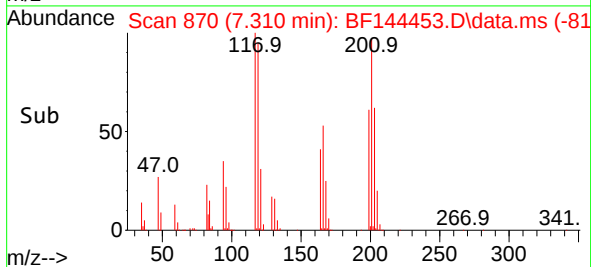
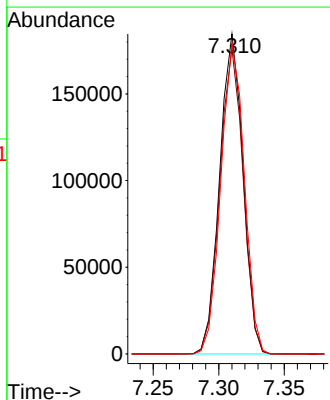
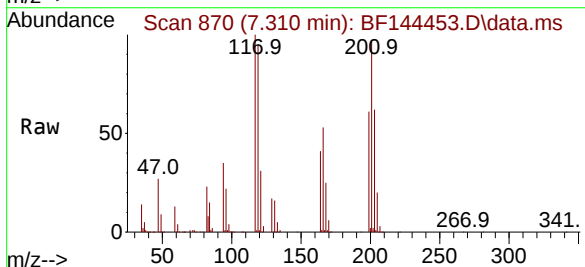
Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.9	134.9
77	44.8	35.7	53.5
79	44.9	35.6	53.4

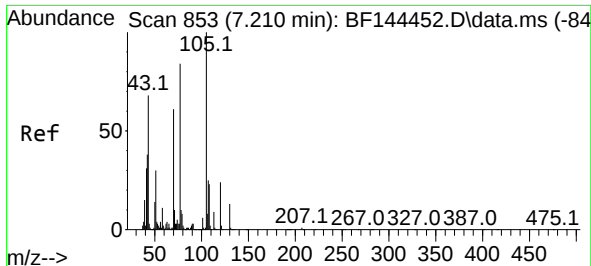


#18
Hexachloroethane
Concen: 37.333 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:117 Resp: 228966

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.5	116.3
201	97.1	77.3	115.9



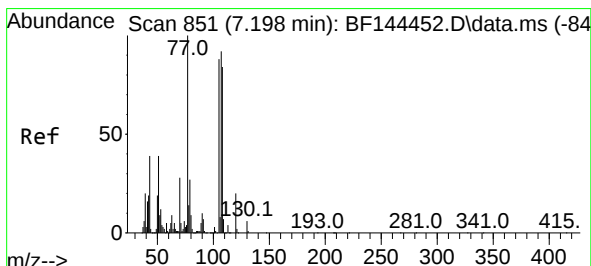
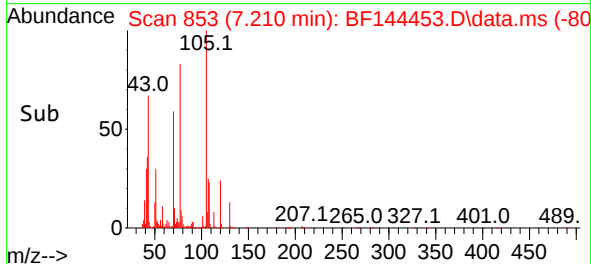
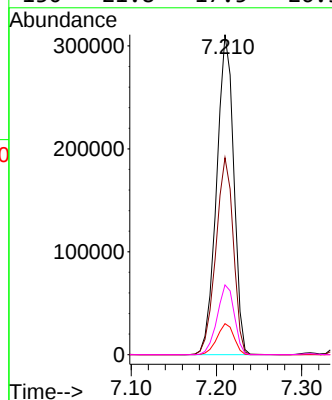
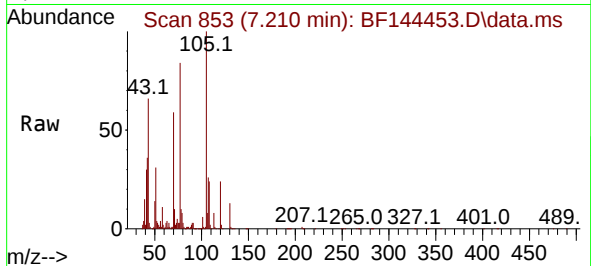


#19
n-Nitroso-di-n-propylamine
Concen: 36.307 ng
RT: 7.210 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Instrument :
BNA_F
ClientSampleId :
ICVBF121225

Tgt Ion: 70 Resp: 434437

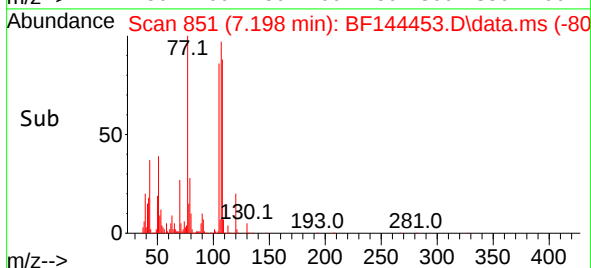
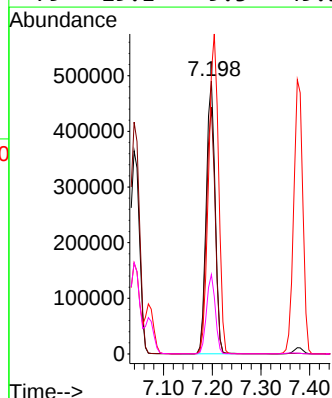
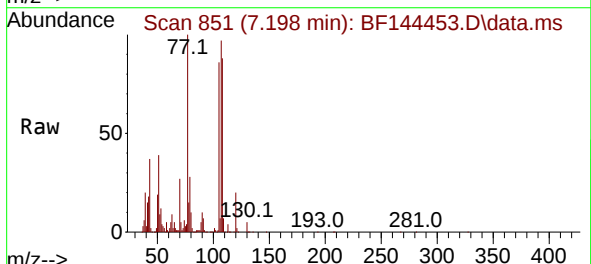
Ion	Ratio	Lower	Upper
70	100		
42	61.5	49.4	74.0
101	9.7	7.8	11.6
130	21.8	17.5	26.3

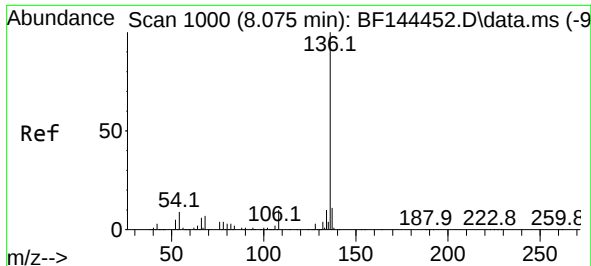


#20
3+4-Methylphenols
Concen: 36.563 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion: 107 Resp: 616615

Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.5	111.5
77	102.9	88.5	128.5
79	29.1	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: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA_F

ClientSampleId :

ICVBF121225

Tgt Ion:136 Resp: 897927

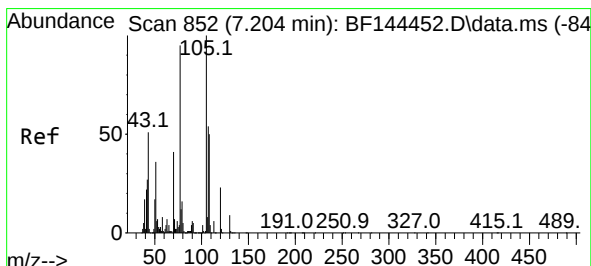
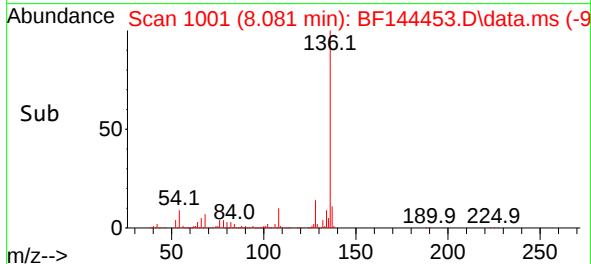
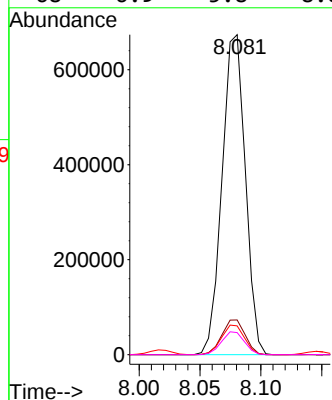
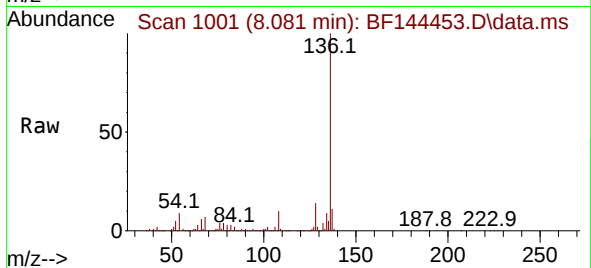
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.0 7.5 11.3

68 6.9 5.8 8.8



#22

Acetophenone

Concen: 35.659 ng

RT: 7.204 min Scan# 852

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Tgt Ion:105 Resp: 794208

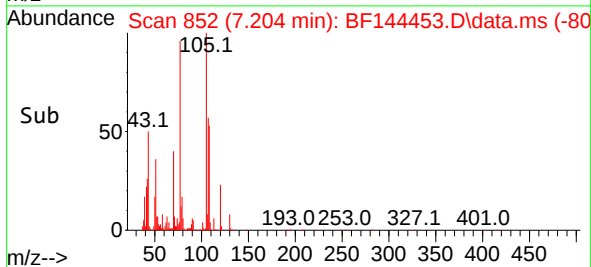
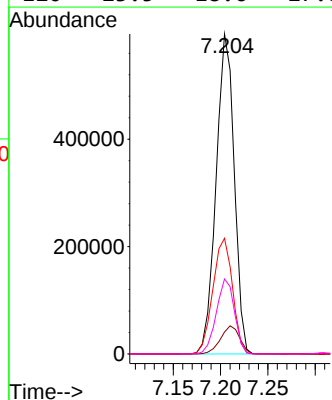
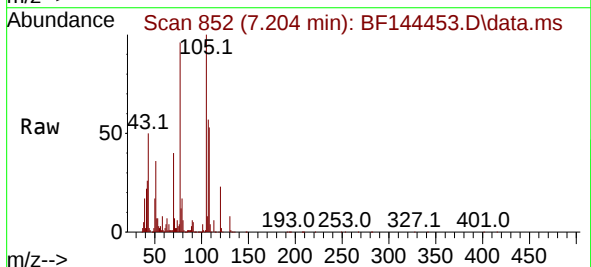
Ion Ratio Lower Upper

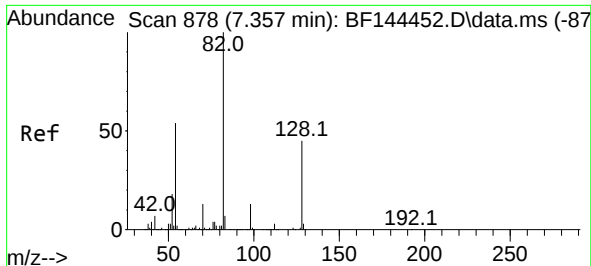
105 100

71 6.8 5.6 8.4

51 36.1 28.6 42.8

120 23.5 18.6 27.8

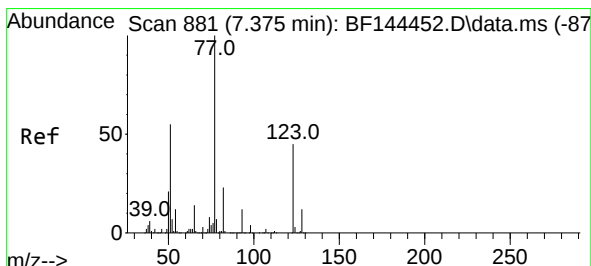
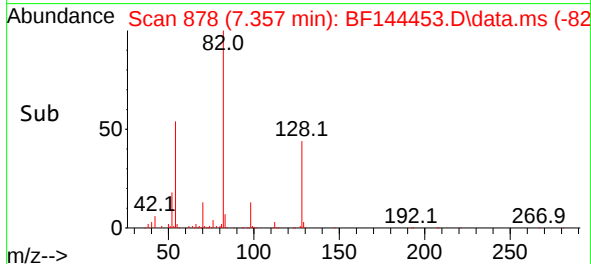
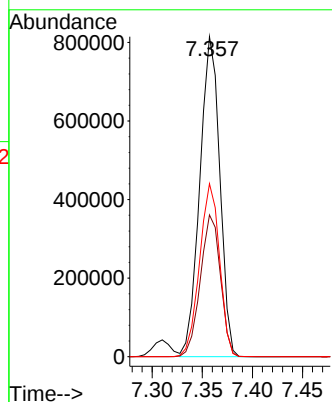
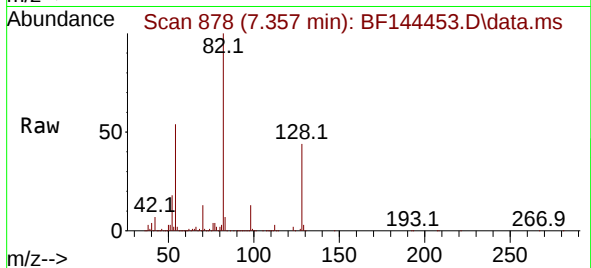




#23
Nitrobenzene-d5
Concen: 78.909 ng
RT: 7.357 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

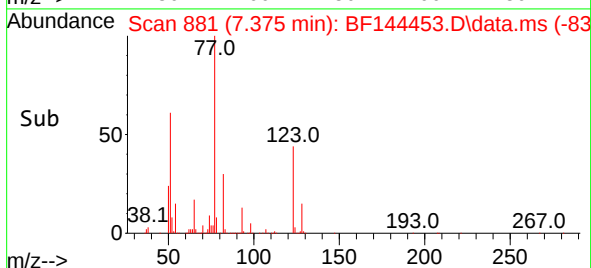
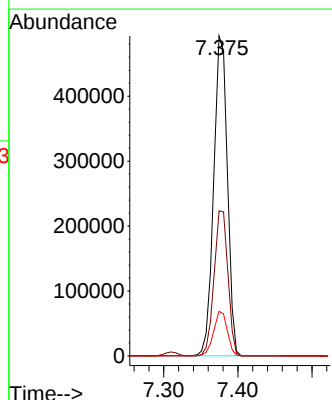
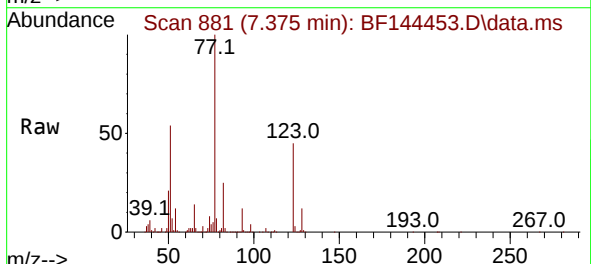
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

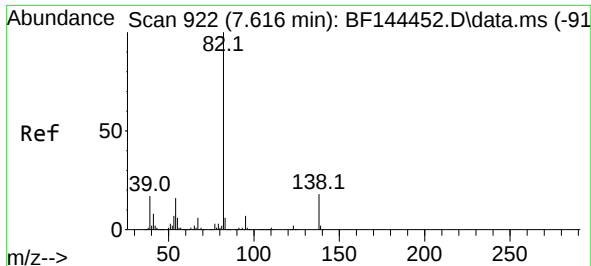
Tgt Ion: 82 Resp: 1132258
Ion Ratio Lower Upper
82 100
128 44.3 35.5 53.3
54 54.1 43.3 64.9



#24
Nitrobenzene
Concen: 40.648 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion: 77 Resp: 632728
Ion Ratio Lower Upper
77 100
123 45.4 36.2 54.2
65 13.9 11.0 16.6

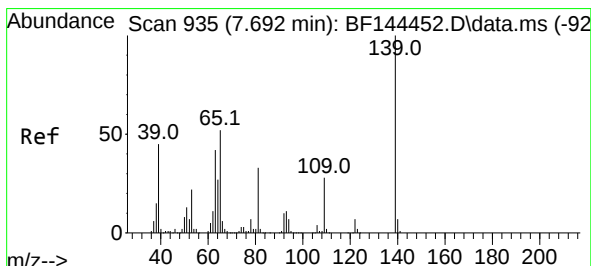
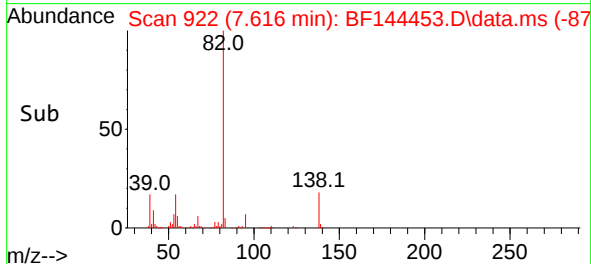
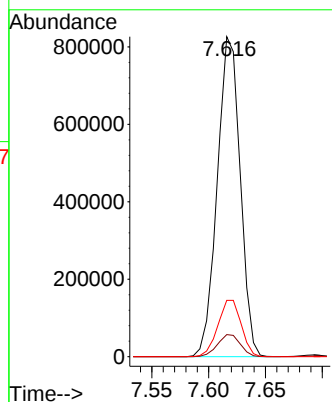
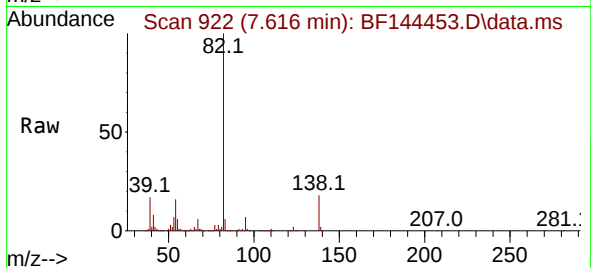




#25
Isophorone
Concen: 35.848 ng
RT: 7.616 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

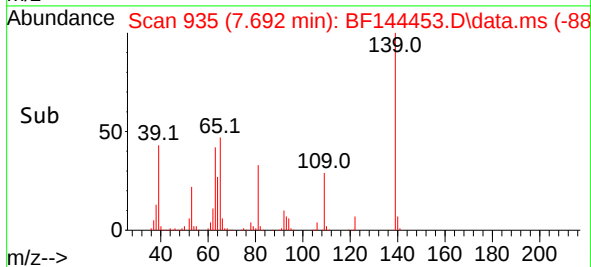
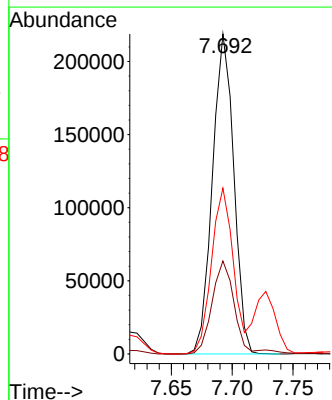
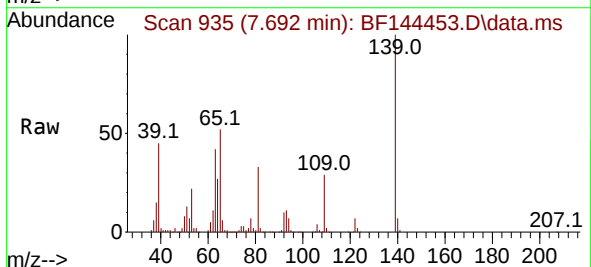
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

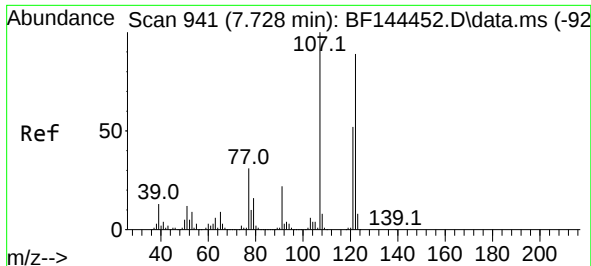
Tgt Ion: 82 Resp: 1160863
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.6 14.4 21.6



#26
2-Nitrophenol
Concen: 40.408 ng
RT: 7.692 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:139 Resp: 266268
Ion Ratio Lower Upper
139 100
109 29.1 22.1 33.1
65 51.8 41.5 62.3





#27

2,4-Dimethylphenol

Concen: 36.938 ng

RT: 7.728 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA_F

ClientSampleId :

ICVBF121225

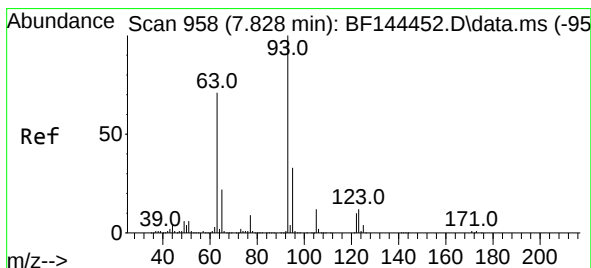
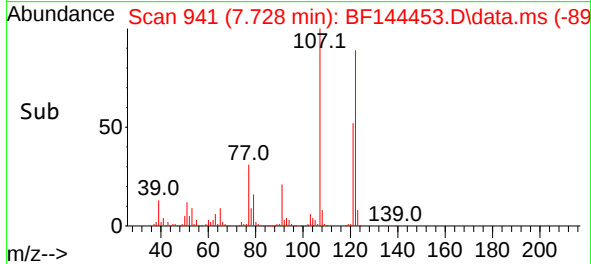
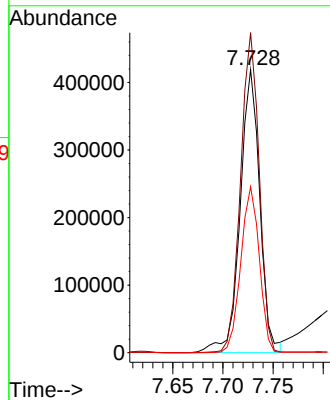
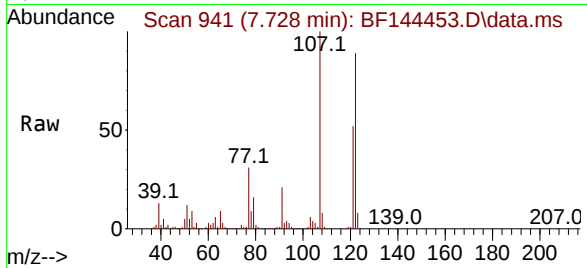
Tgt Ion:122 Resp: 570737

Ion Ratio Lower Upper

122 100

107 113.0 90.0 135.0

121 58.6 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 35.269 ng

RT: 7.828 min Scan# 958

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

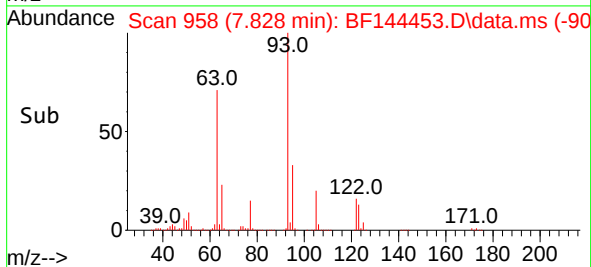
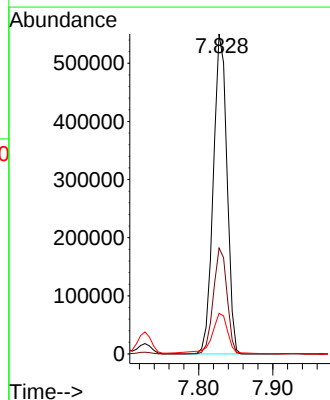
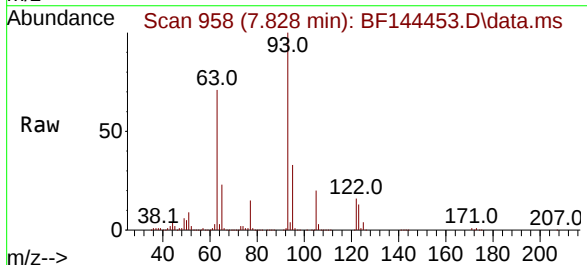
Tgt Ion: 93 Resp: 703781

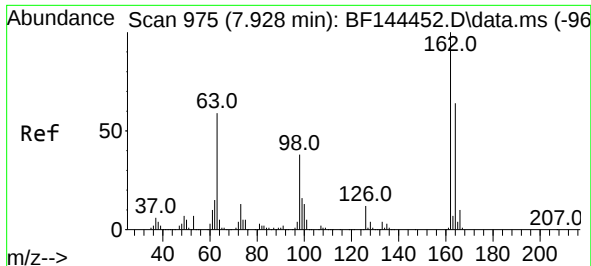
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.070 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA_F

ClientSampleId :

ICVBF121225

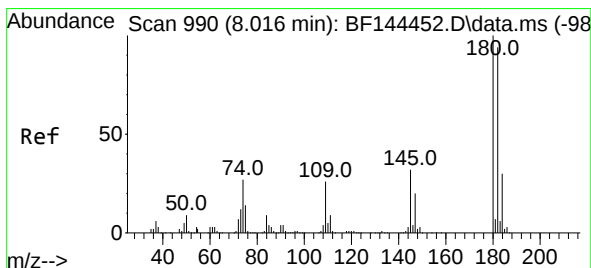
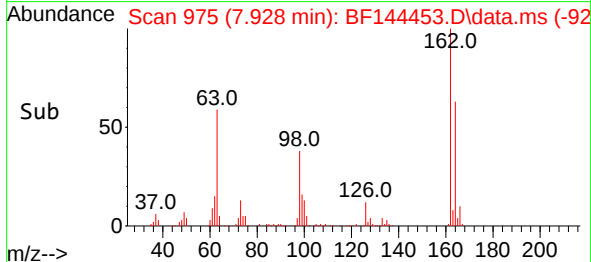
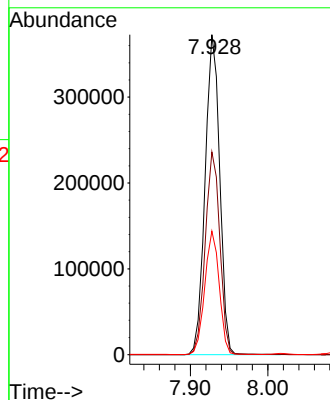
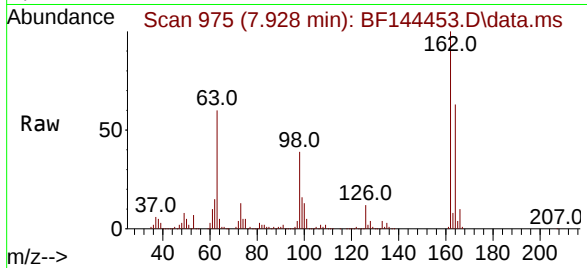
Tgt Ion:162 Resp: 488764

Ion Ratio Lower Upper

162 100

164 63.4 44.2 84.2

98 38.6 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 37.397 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

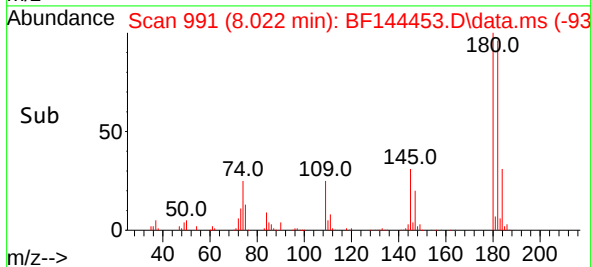
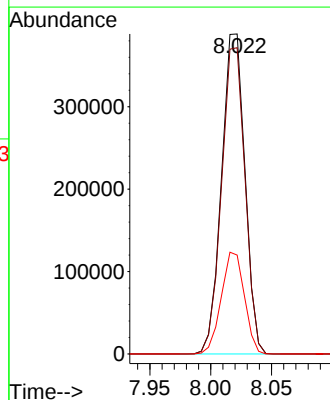
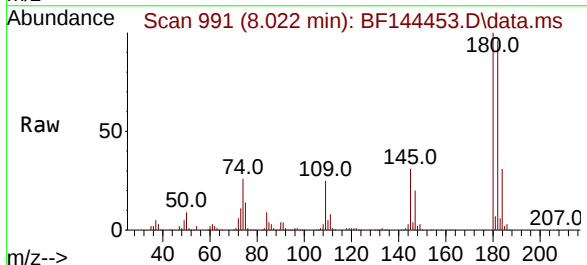
Tgt Ion:180 Resp: 520755

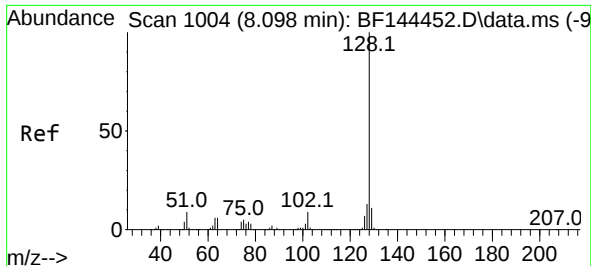
Ion Ratio Lower Upper

180 100

182 95.7 75.2 112.8

145 30.9 25.3 37.9

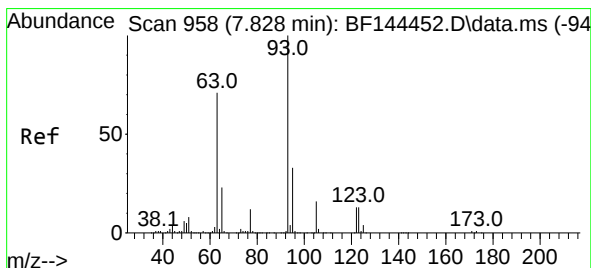
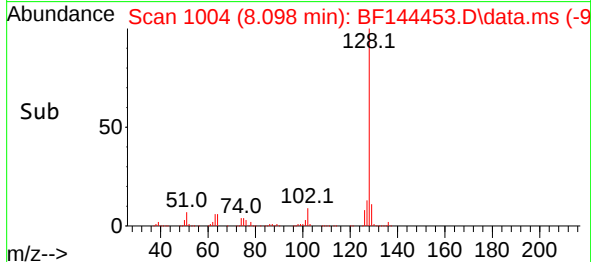
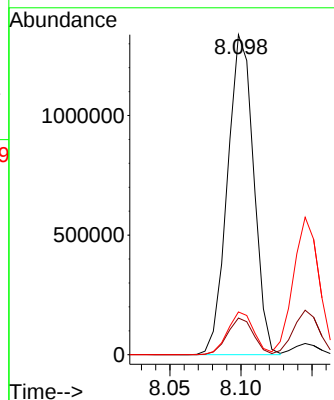
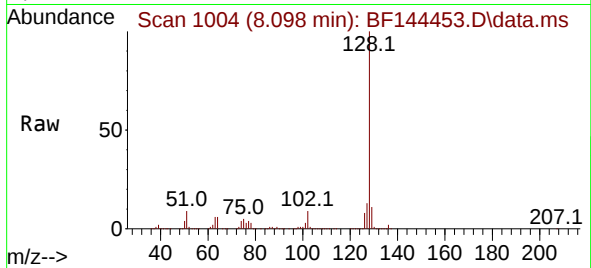




#31
Naphthalene
Concen: 35.437 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

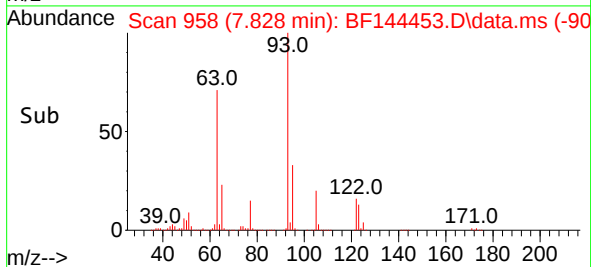
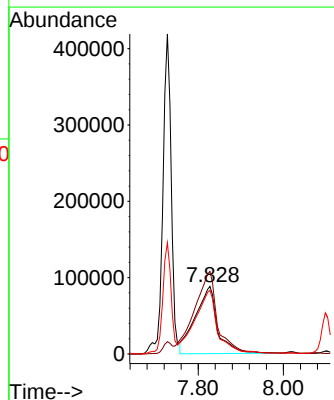
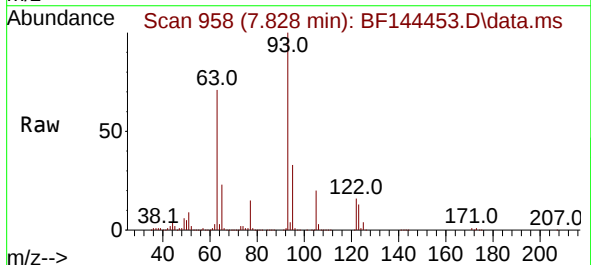
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

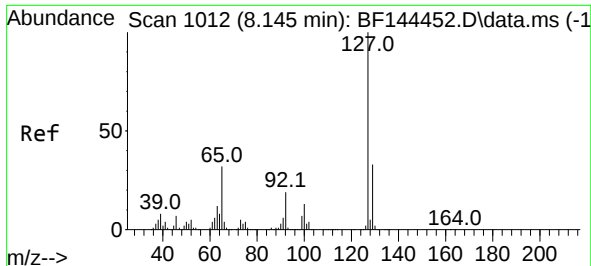
Tgt Ion:128 Resp: 1712530
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 36.643 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:122 Resp: 320610
Ion Ratio Lower Upper
122 100
105 122.2 103.2 143.2
77 94.3 75.1 115.1

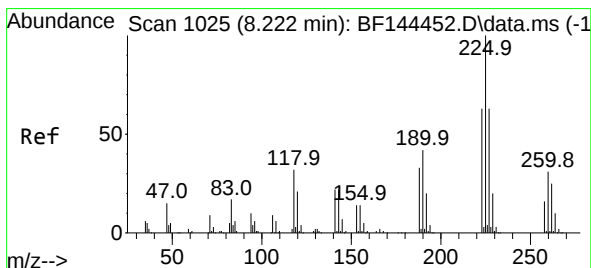
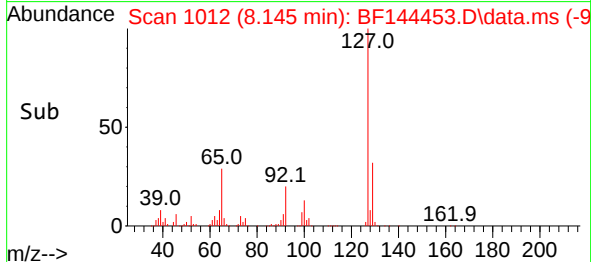
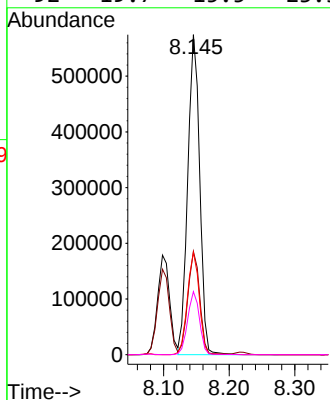
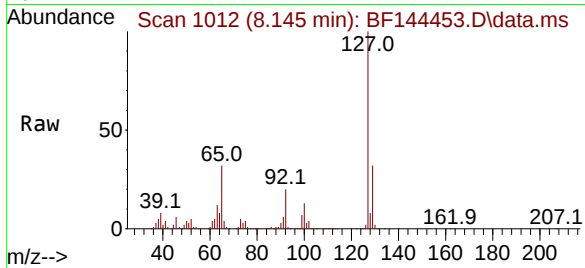




#33
4-Chloroaniline
Concen: 37.327 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

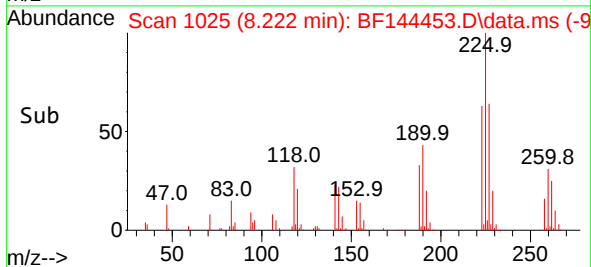
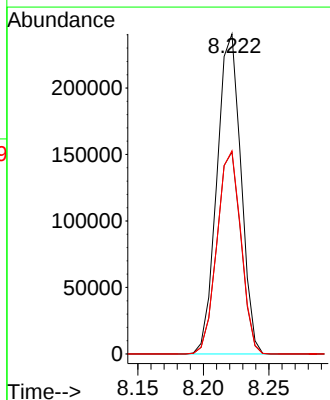
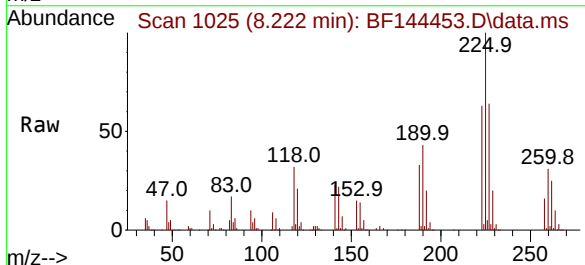
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

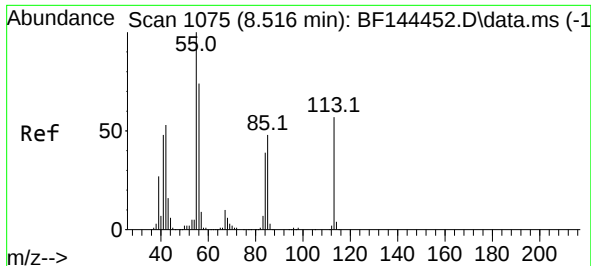
Tgt Ion:	127	Resp:	725082
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	32.0	25.8	38.8
92	19.7	15.5	23.3



#34
Hexachlorobutadiene
Concen: 35.523 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:	225	Resp:	305859
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.1	75.1
227	63.5	50.3	75.5

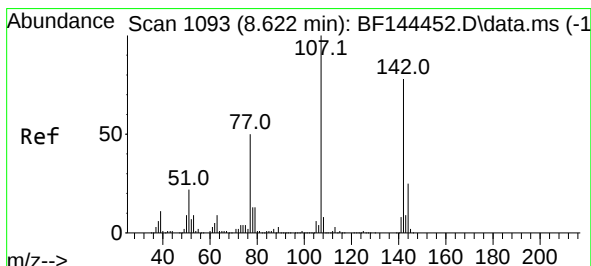
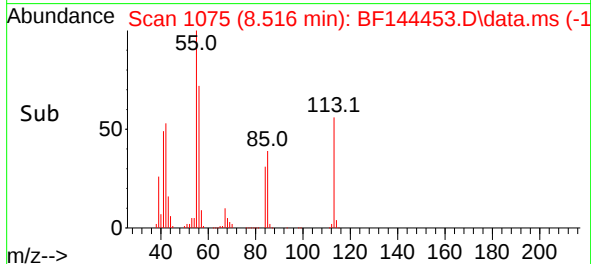
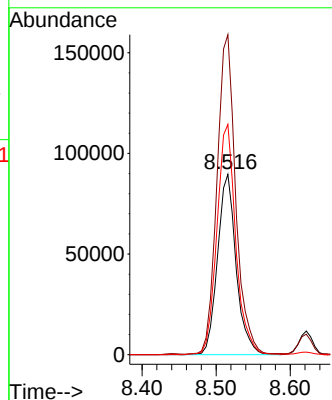
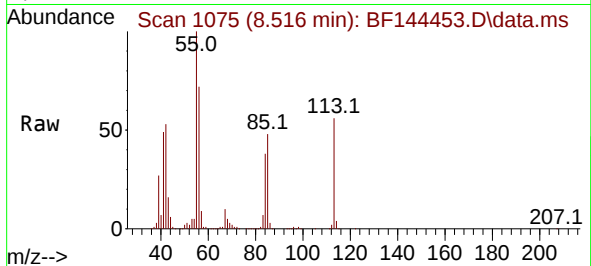




#35
 Caprolactam
 Concen: 36.782 ng
 RT: 8.516 min Scan# 1075
 Delta R.T. -0.000 min
 Lab File: BF144453.D
 Acq: 12 Dec 2025 16:21

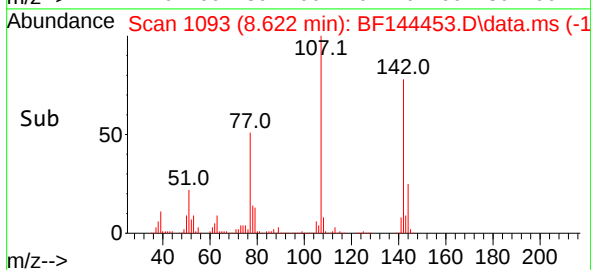
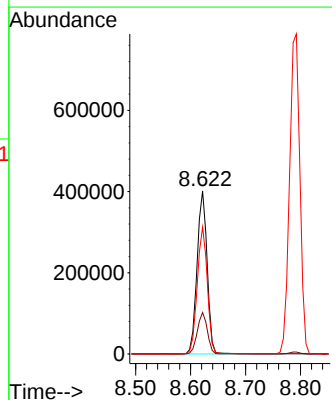
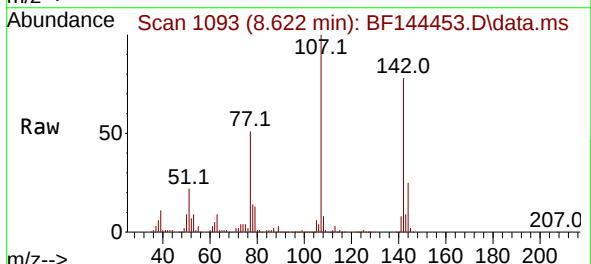
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121225

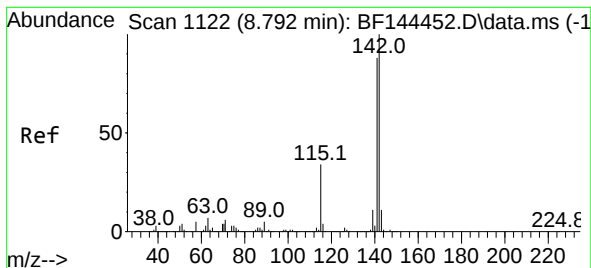
Tgt Ion:113 Resp: 155941
 Ion Ratio Lower Upper
 113 100
 55 177.4 154.5 194.5
 56 127.7 109.8 149.8



#36
 4-Chloro-3-methylphenol
 Concen: 36.720 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.000 min
 Lab File: BF144453.D
 Acq: 12 Dec 2025 16:21

Tgt Ion:107 Resp: 511781
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.4 30.6
 142 77.9 62.4 93.6

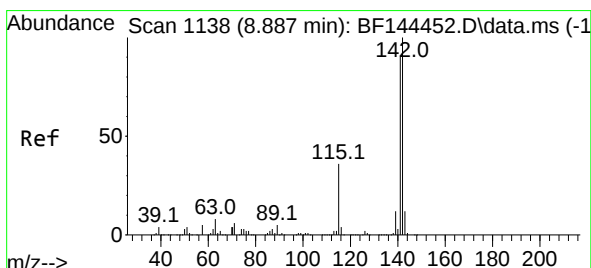
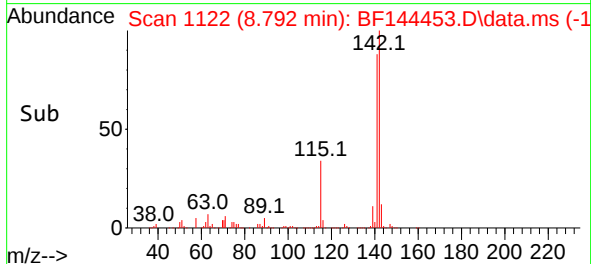
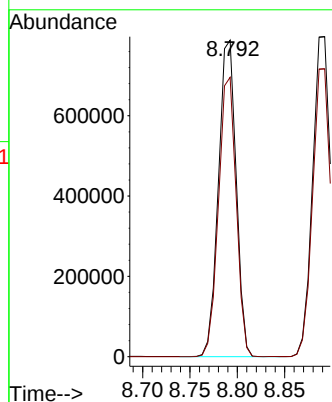
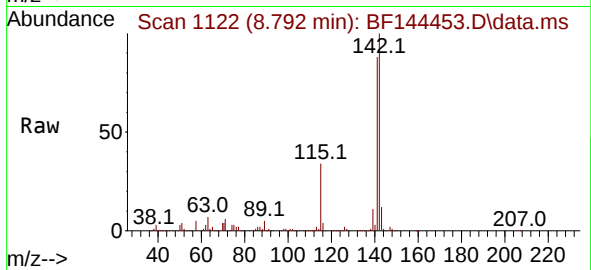




#37
2-Methylnaphthalene
Concen: 32.285 ng
RT: 8.792 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

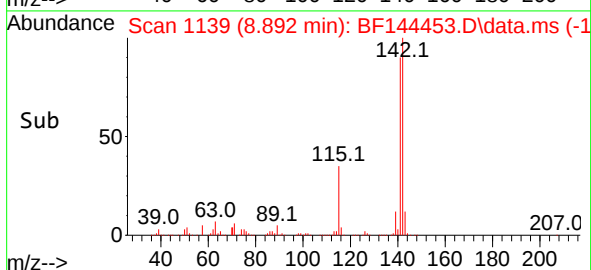
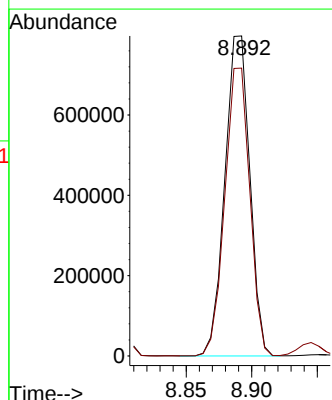
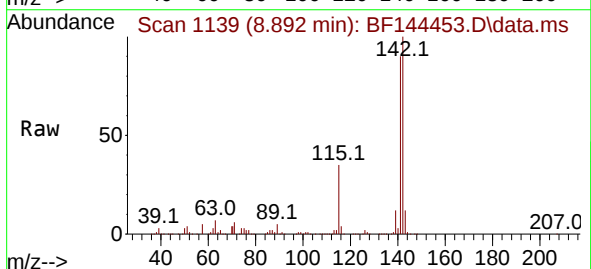
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

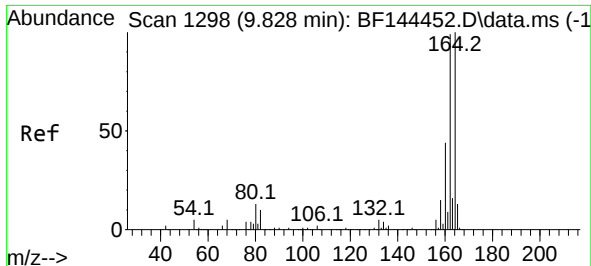
Tgt Ion:142 Resp: 1026523
Ion Ratio Lower Upper
142 100
141 88.3 70.0 105.0



#38
1-Methylnaphthalene
Concen: 34.114 ng
RT: 8.892 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:142 Resp: 1056202
Ion Ratio Lower Upper
142 100
141 89.9 72.6 109.0

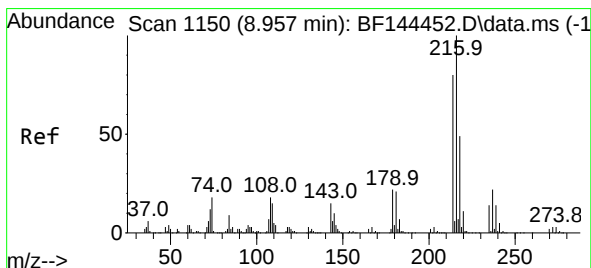
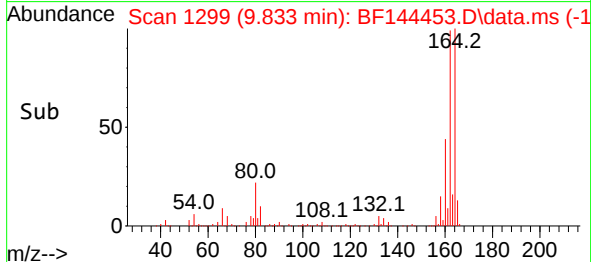
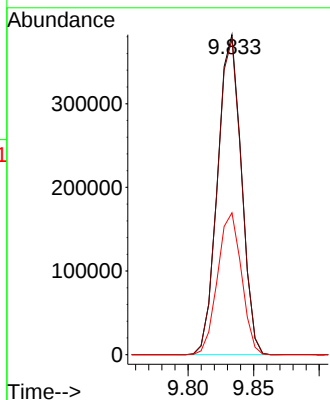
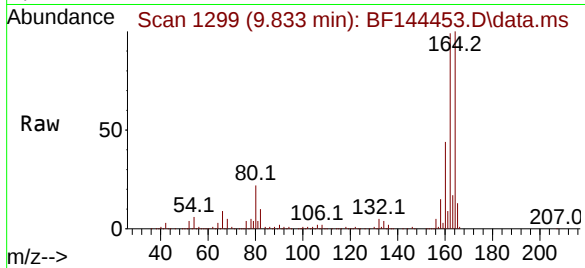




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.833 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: BF144453.D
 Acq: 12 Dec 2025 16:21

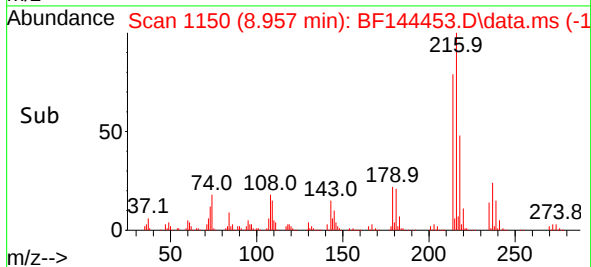
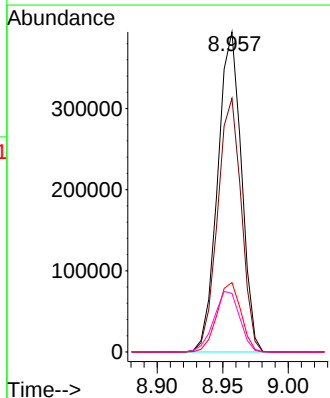
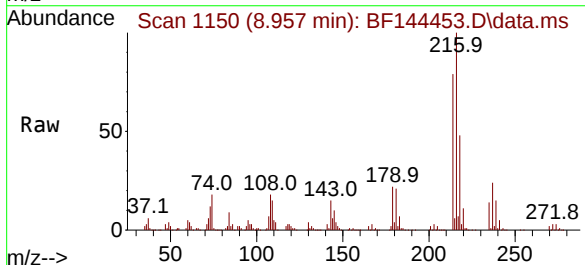
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121225

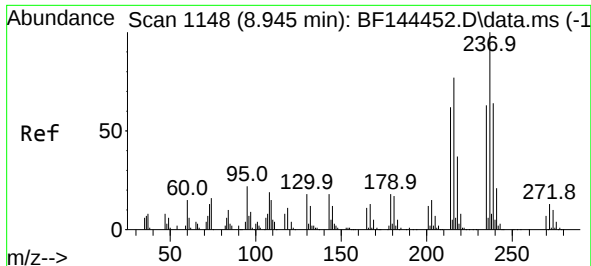
Tgt Ion:164 Resp: 482666
 Ion Ratio Lower Upper
 164 100
 162 98.6 79.2 118.8
 160 44.4 35.3 52.9



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.021 ng
 RT: 8.957 min Scan# 1150
 Delta R.T. -0.000 min
 Lab File: BF144453.D
 Acq: 12 Dec 2025 16:21

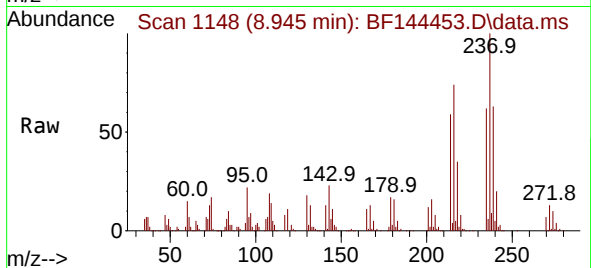
Tgt Ion:216 Resp: 494806
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.8 95.6
 179 21.9 17.7 26.5
 108 20.6 16.2 24.4



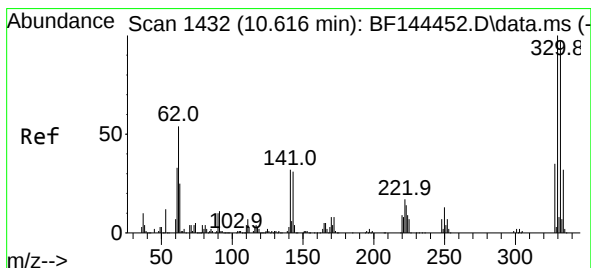
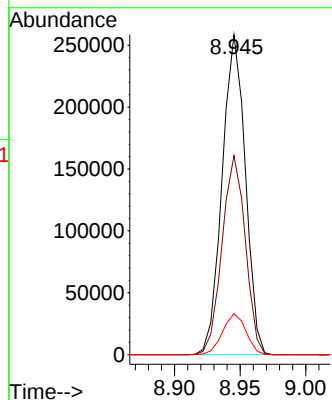
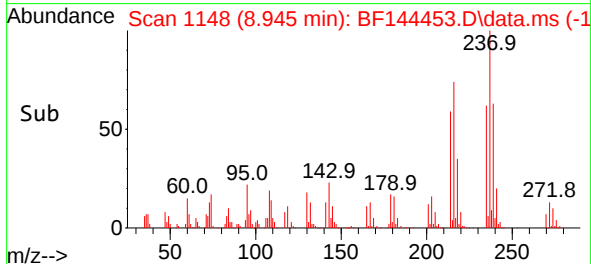


#41
Hexachlorocyclopentadiene
Concen: 39.081 ng
RT: 8.945 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Instrument :
BNA_F
ClientSampleId :
ICVBF121225

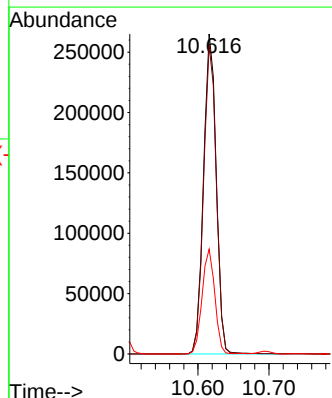
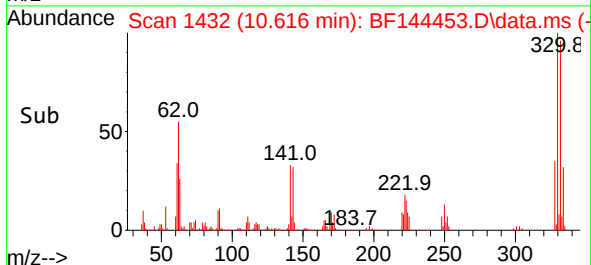
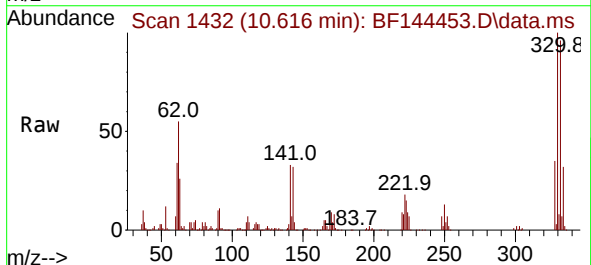


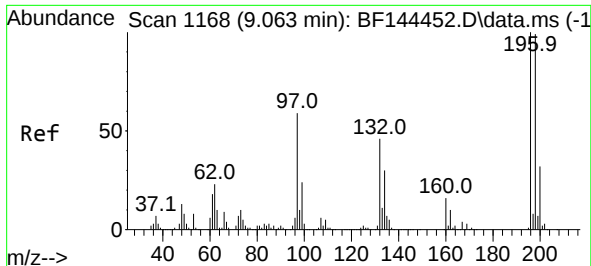
Tgt Ion:237 Resp: 317717
Ion Ratio Lower Upper
237 100
235 62.2 43.2 83.2
272 12.8 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 75.940 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:330 Resp: 331384
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 32.7 26.2 39.2

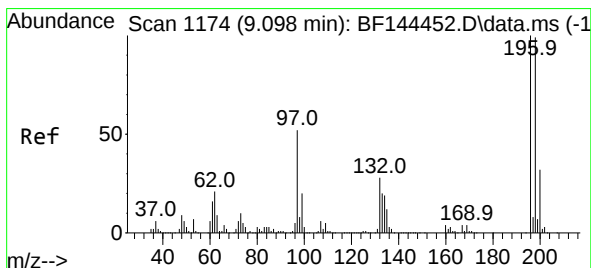
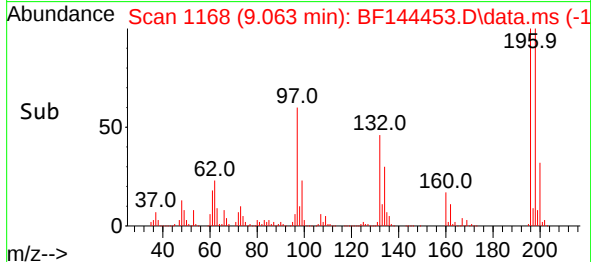
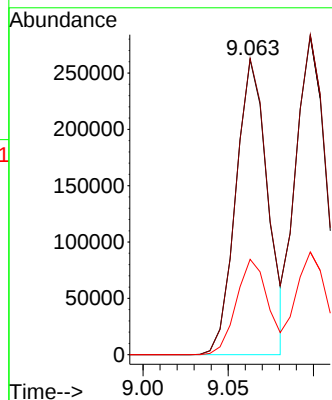
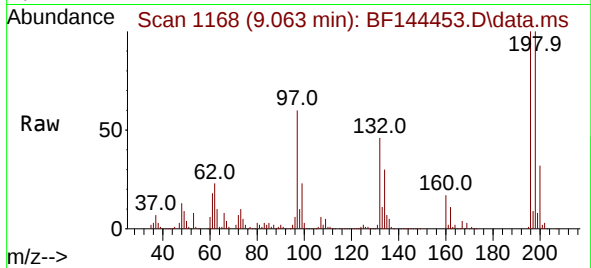




#43
2,4,6-Trichlorophenol
Concen: 39.064 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

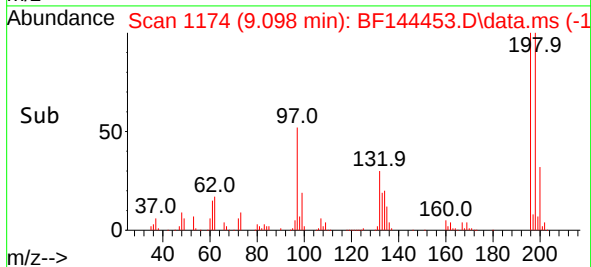
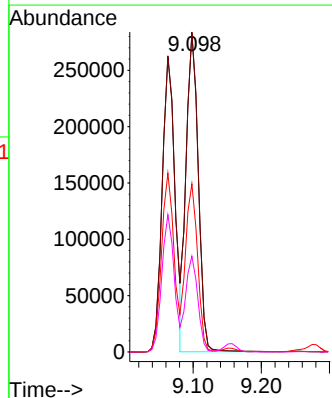
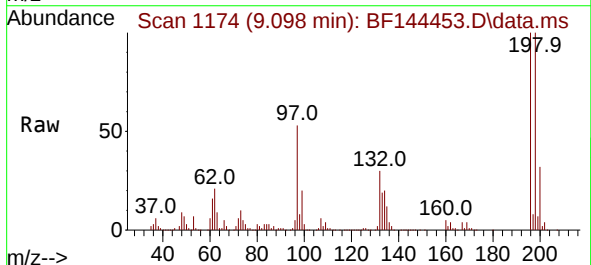
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

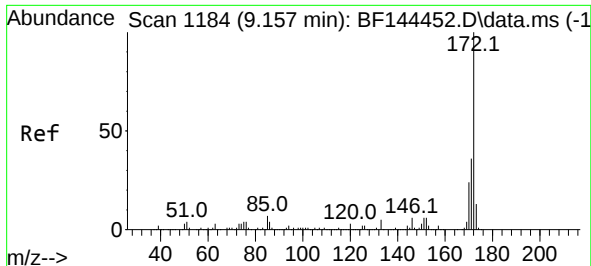
Tgt Ion:196 Resp: 340763
Ion Ratio Lower Upper
196 100
198 100.4 79.0 118.4
200 32.3 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 38.181 ng
RT: 9.098 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:196 Resp: 349575
Ion Ratio Lower Upper
196 100
198 100.5 79.5 119.3
97 52.8 42.2 63.2
132 30.1 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 66.251 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA_F

ClientSampleId :

ICVBF121225

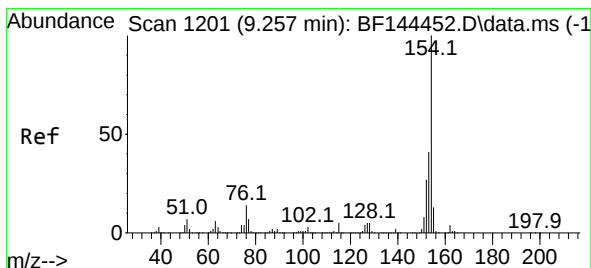
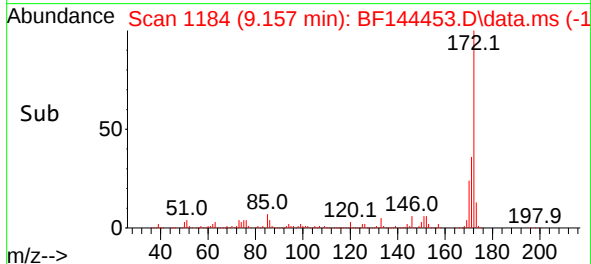
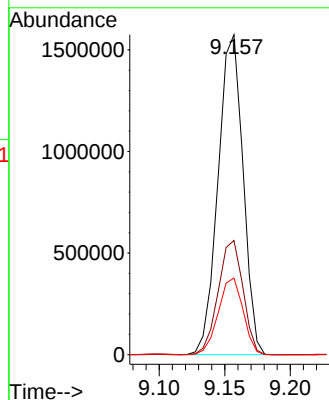
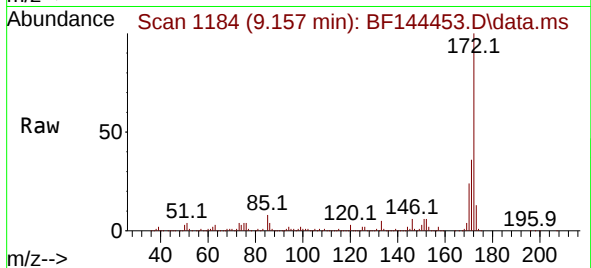
Tgt Ion:172 Resp: 2084441

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 24.0 19.3 28.9



#46

1,1'-Biphenyl

Concen: 35.347 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

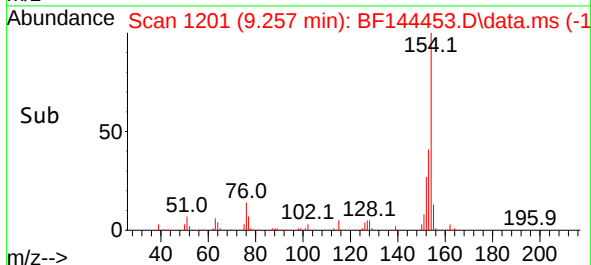
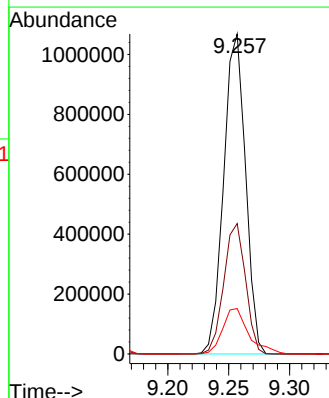
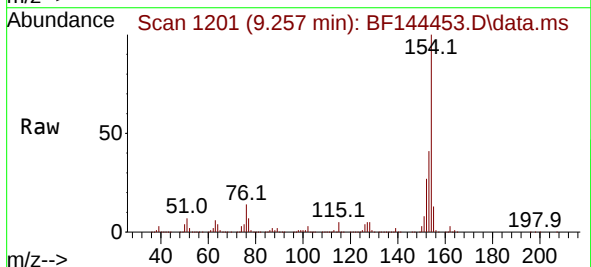
Tgt Ion:154 Resp: 1333299

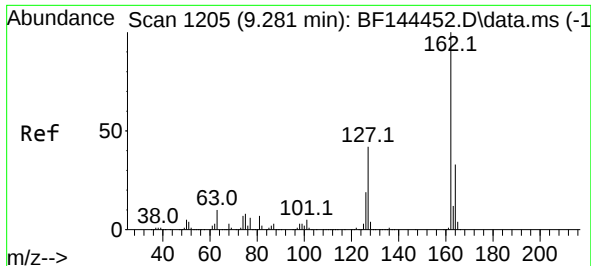
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 14.2 0.0 33.8





#47

2-Chloronaphthalene

Concen: 35.522 ng

RT: 9.280 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA_F

ClientSampleId :

ICVBF121225

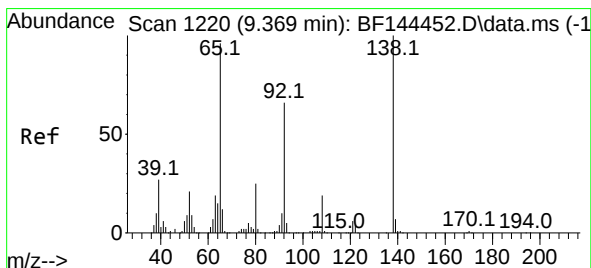
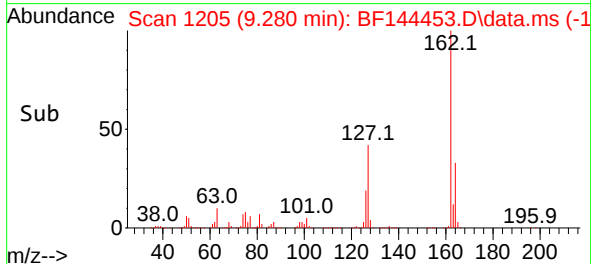
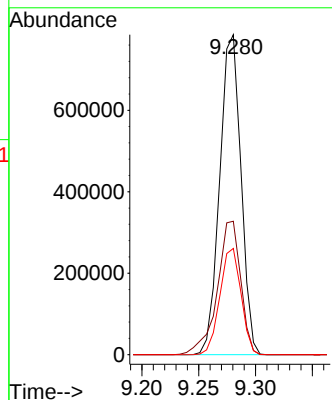
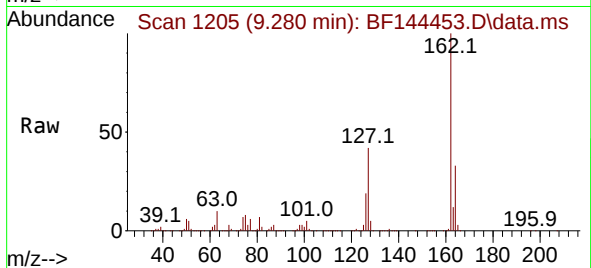
Tgt Ion:162 Resp: 1022865

Ion Ratio Lower Upper

162 100

127 41.7 33.6 50.4

164 33.2 26.6 39.8



#48

2-Nitroaniline

Concen: 38.330 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

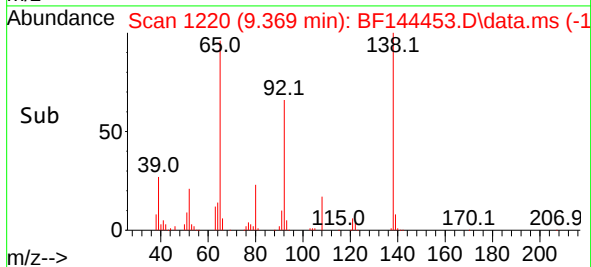
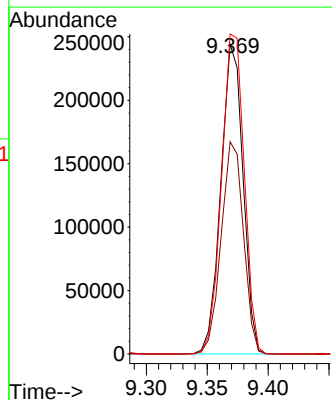
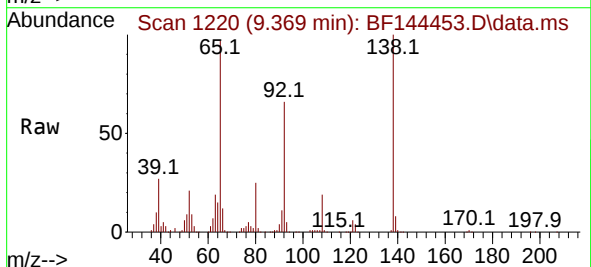
Tgt Ion: 65 Resp: 310041

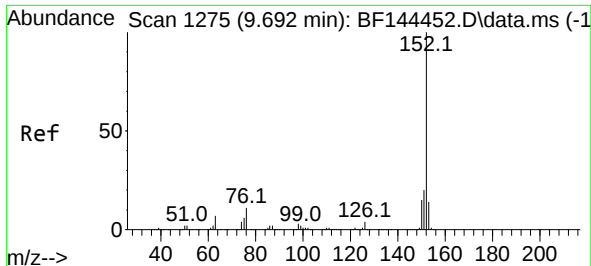
Ion Ratio Lower Upper

65 100

92 68.5 55.0 82.4

138 103.3 83.4 125.2





#49

Acenaphthylene

Concen: 36.613 ng

RT: 9.692 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA_F

ClientSampleId :

ICVBF121225

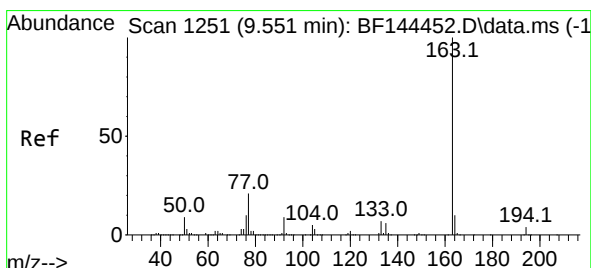
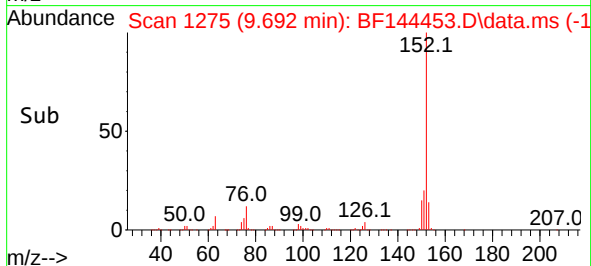
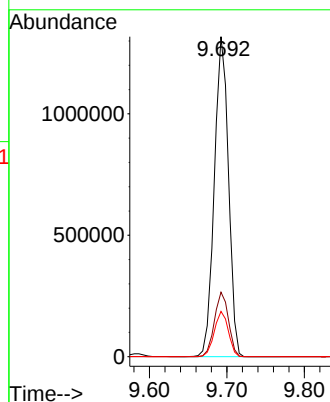
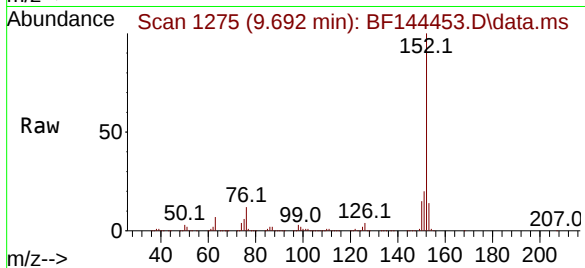
Tgt Ion:152 Resp: 1670375

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 14.2 11.4 17.0



#50

Dimethylphthalate

Concen: 35.417 ng

RT: 9.557 min Scan# 1252

Delta R.T. 0.006 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

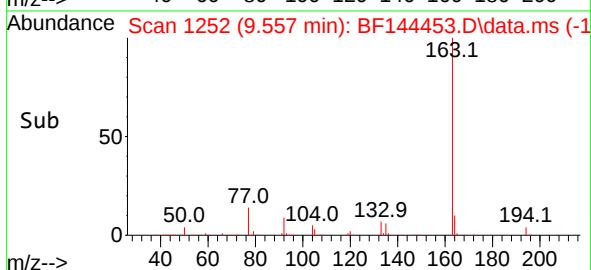
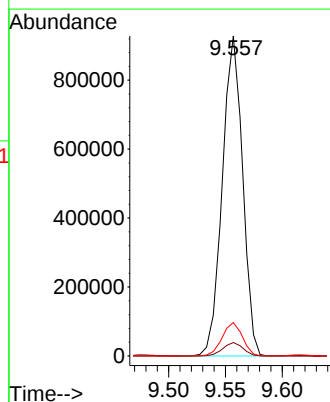
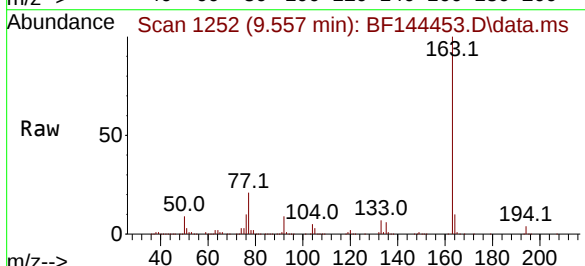
Tgt Ion:163 Resp: 1154706

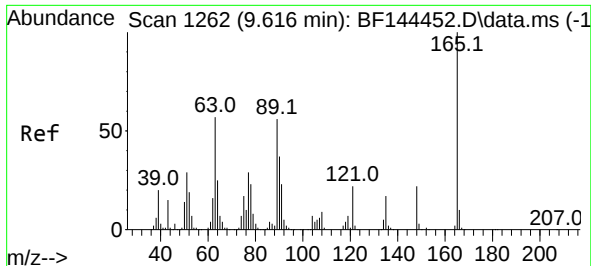
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.3 12.5

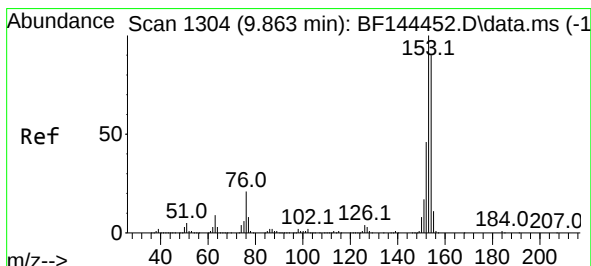
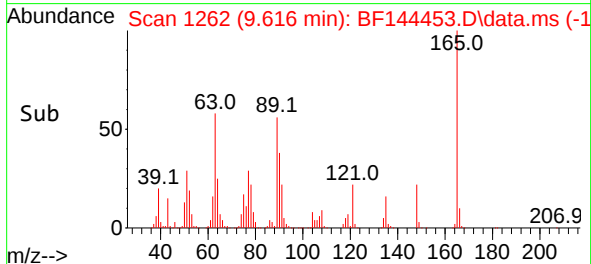
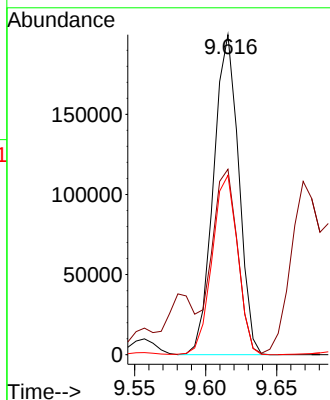
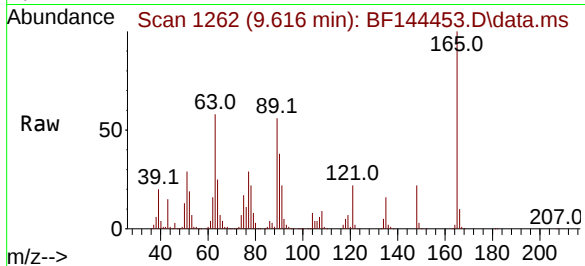




#51
2,6-Dinitrotoluene
Concen: 41.804 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

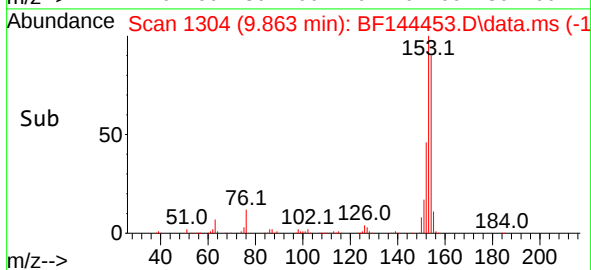
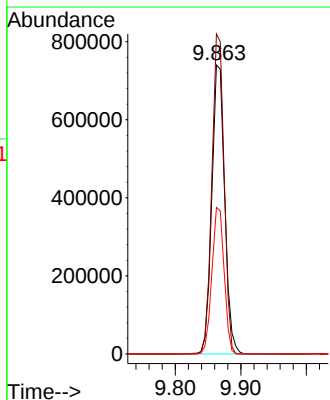
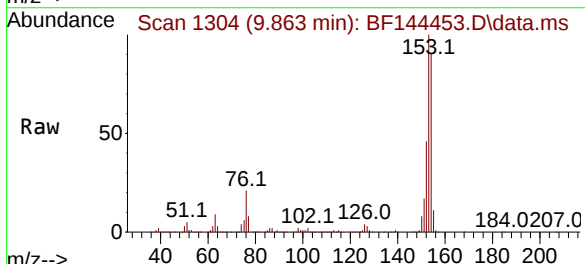
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

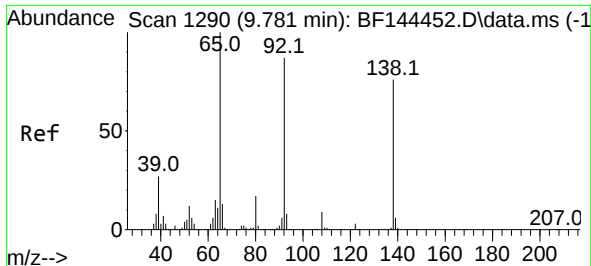
Tgt Ion:165 Resp: 246481
Ion Ratio Lower Upper
165 100
63 58.0 45.9 68.9
89 56.1 44.6 67.0



#52
Acenaphthene
Concen: 35.491 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:154 Resp: 1009565
Ion Ratio Lower Upper
154 100
153 110.7 88.6 132.8
152 50.7 40.6 61.0

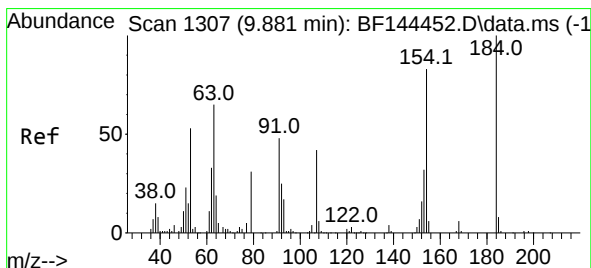
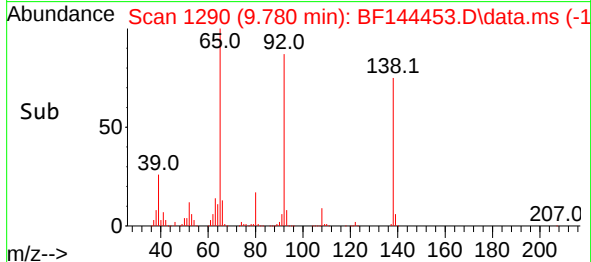
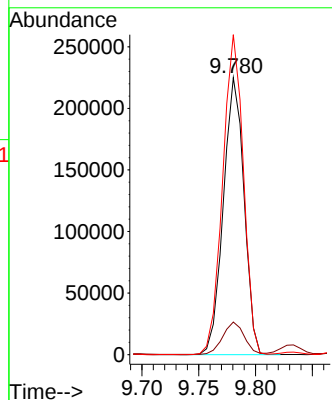
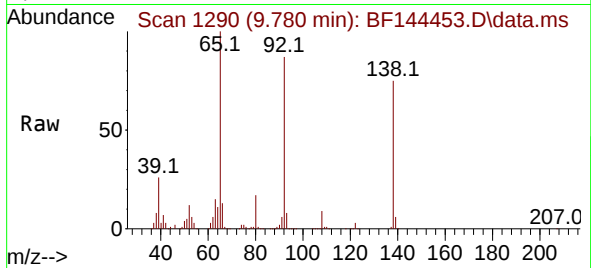




#53
3-Nitroaniline
Concen: 39.552 ng
RT: 9.780 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

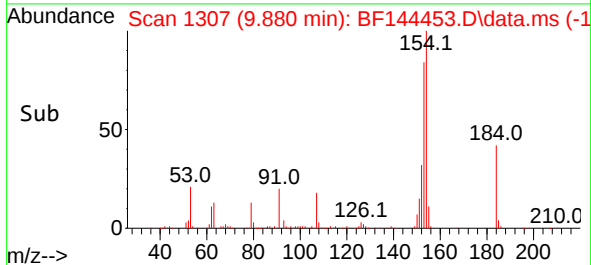
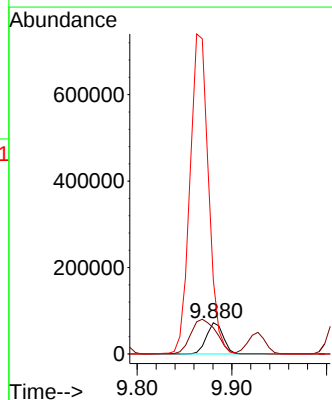
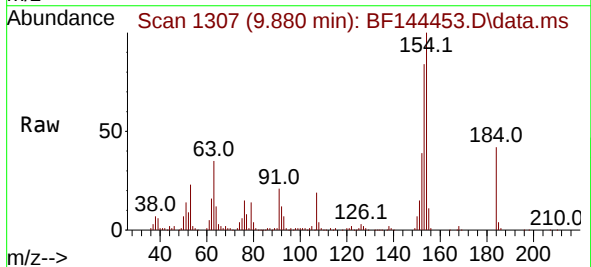
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

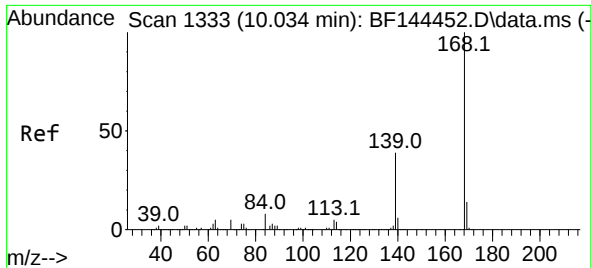
Tgt Ion:138 Resp: 284941
Ion Ratio Lower Upper
138 100
108 11.8 9.7 14.5
92 115.6 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 39.519 ng
RT: 9.880 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:184 Resp: 88929
Ion Ratio Lower Upper
184 100
63 84.0 60.6 91.0
154 236.6 137.8 206.8#

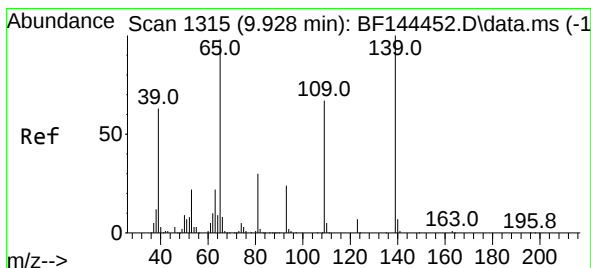
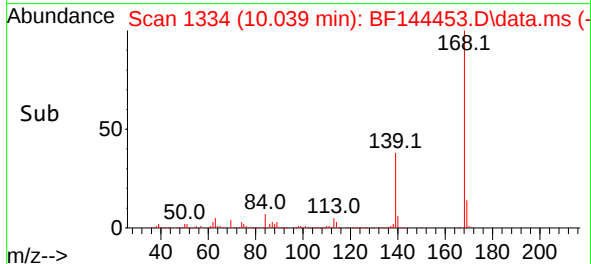
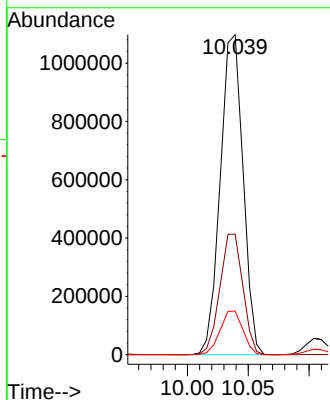
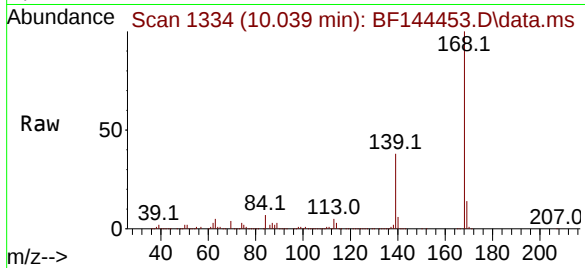




#55
Dibenzenofuran
Concen: 35.332 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

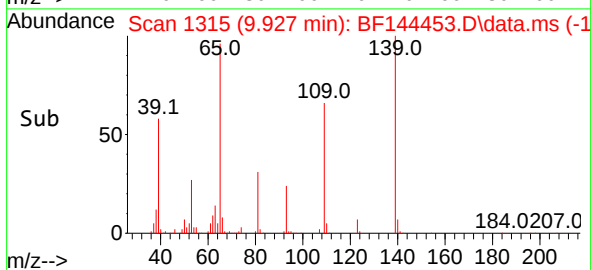
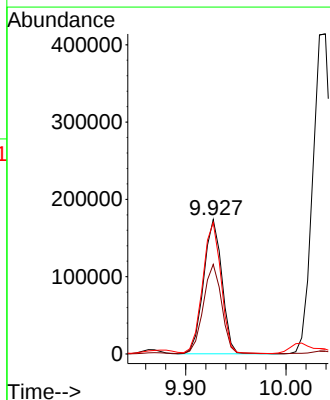
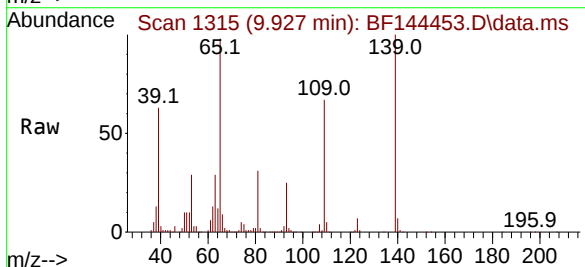
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

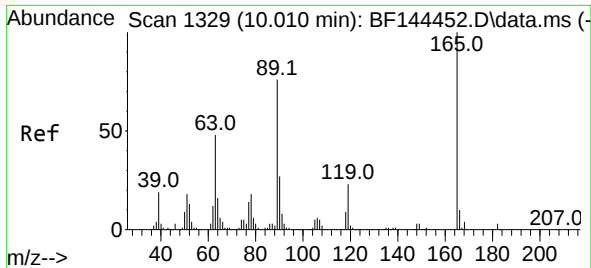
Tgt Ion:168 Resp: 1430002
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.6
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 39.810 ng
RT: 9.927 min Scan# 1315
Delta R.T. -0.001 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:139 Resp: 221030
Ion Ratio Lower Upper
139 100
109 66.6 47.4 87.4
65 97.7 78.4 118.4

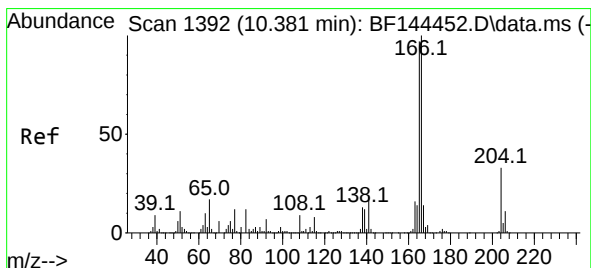
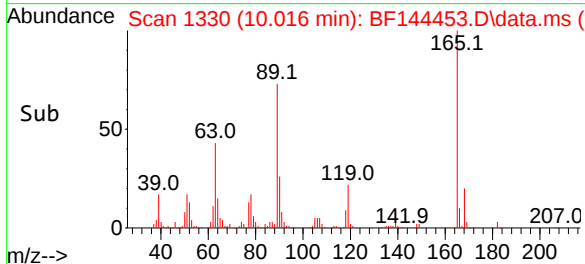
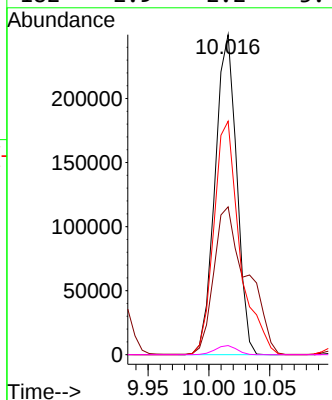
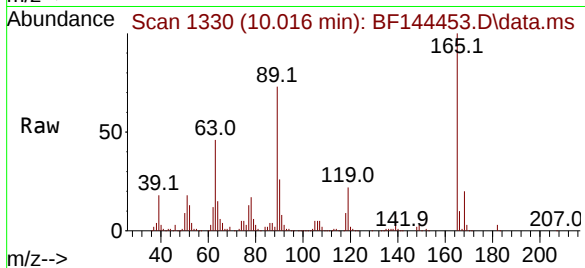




#57
2,4-Dinitrotoluene
Concen: 38.730 ng
RT: 10.016 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

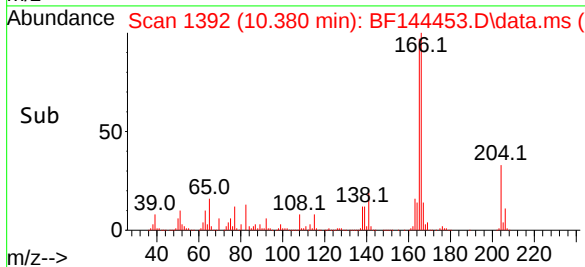
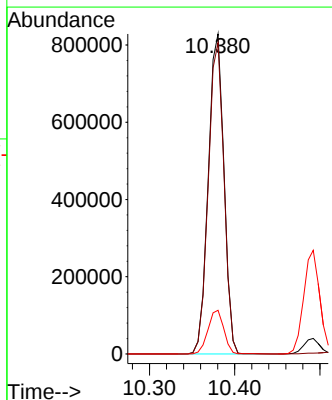
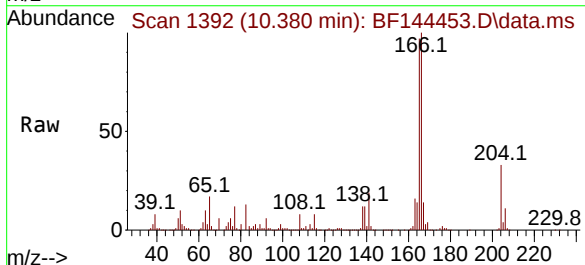
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

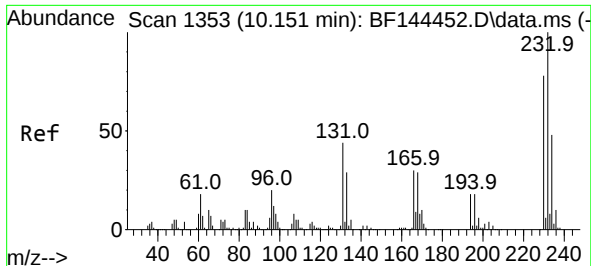
Tgt Ion:165 Resp: 309399
Ion Ratio Lower Upper
165 100
63 46.2 38.2 57.4
89 73.0 61.2 91.8
182 2.9 2.2 3.4



#58
Fluorene
Concen: 34.672 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:166 Resp: 1062616
Ion Ratio Lower Upper
166 100
165 97.3 77.6 116.4
167 13.6 10.8 16.2

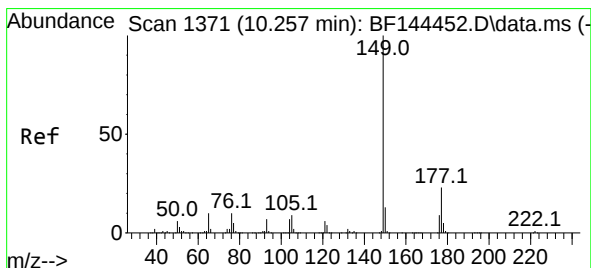
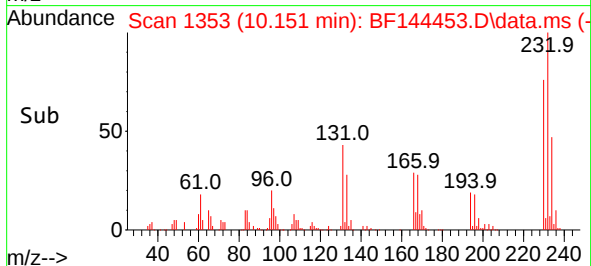
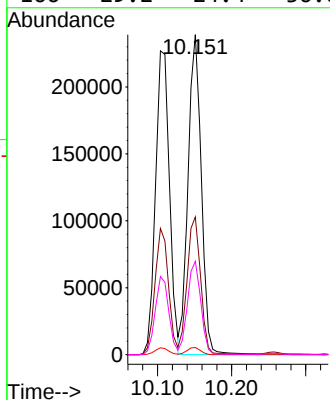
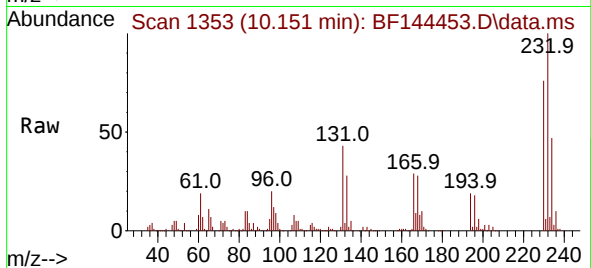




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.744 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

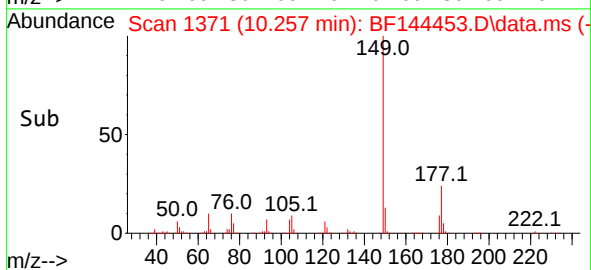
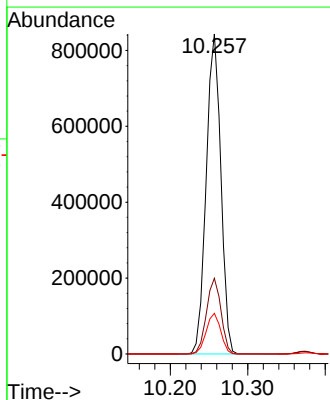
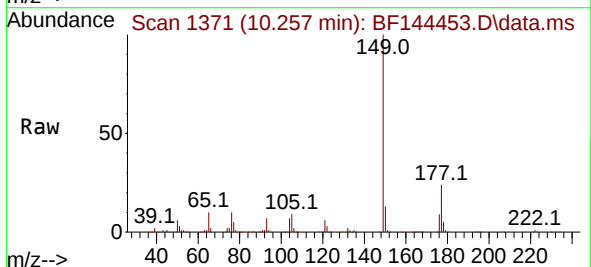
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

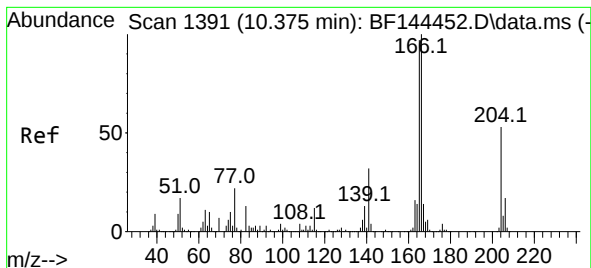
Tgt Ion:232 Resp: 297073
Ion Ratio Lower Upper
232 100
131 43.6 36.3 54.5
130 2.3 1.8 2.6
166 29.2 24.4 36.6



#60
Diethylphthalate
Concen: 35.644 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:149 Resp: 1101383
Ion Ratio Lower Upper
149 100
177 23.6 18.7 28.1
150 12.7 10.1 15.1

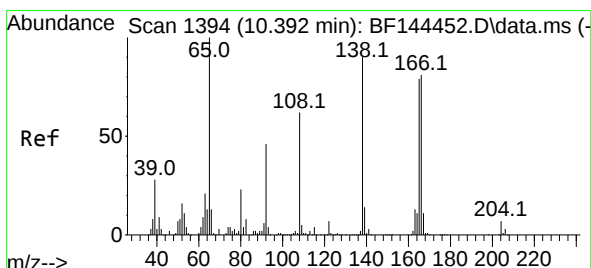
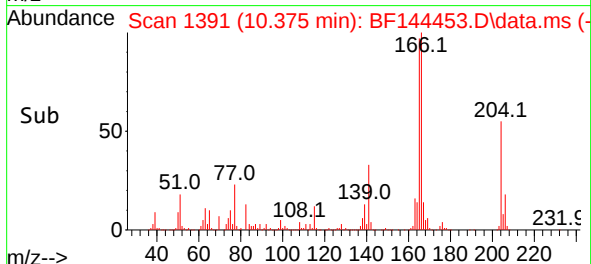
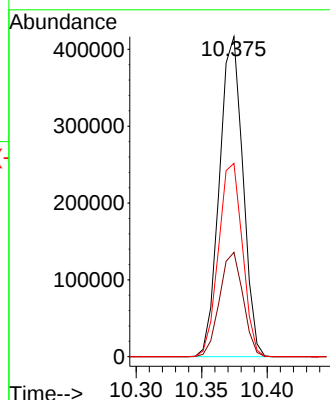
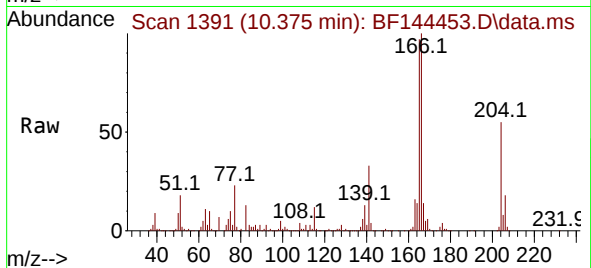




#61
4-Chlorophenyl-phenylether
Concen: 34.446 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

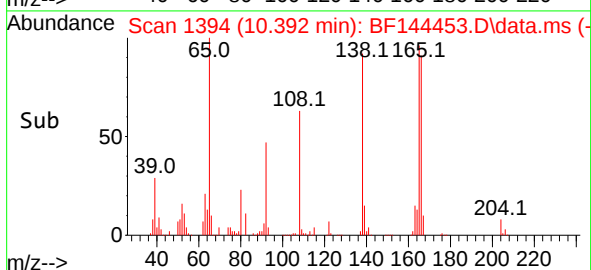
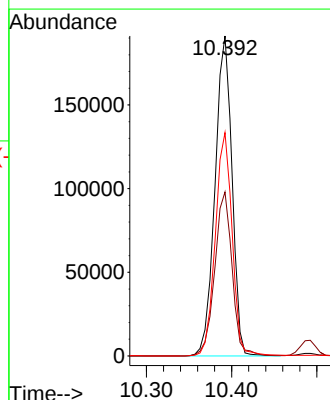
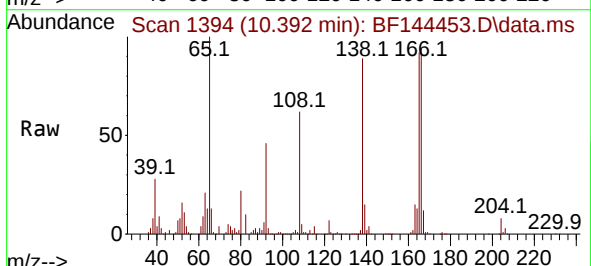
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

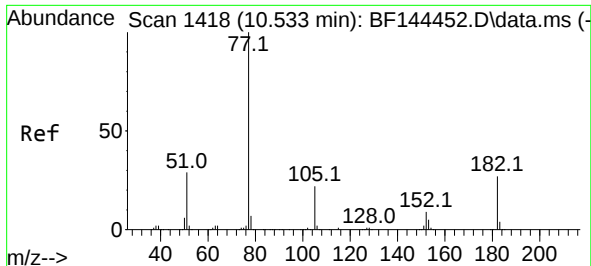
Tgt Ion:204 Resp: 517958
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 60.4 48.4 72.6



#62
4-Nitroaniline
Concen: 37.440 ng
RT: 10.392 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:138 Resp: 265661
Ion Ratio Lower Upper
138 100
92 51.2 30.8 70.8
108 69.8 49.2 89.2



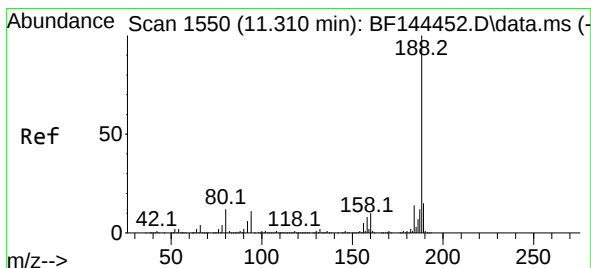
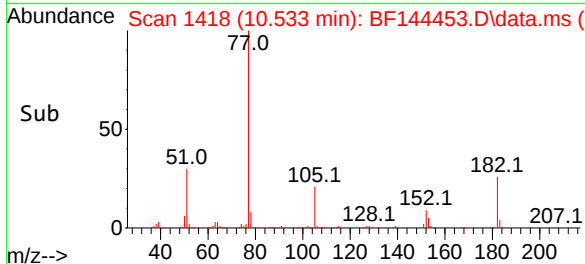
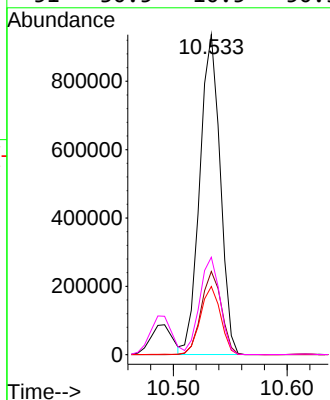
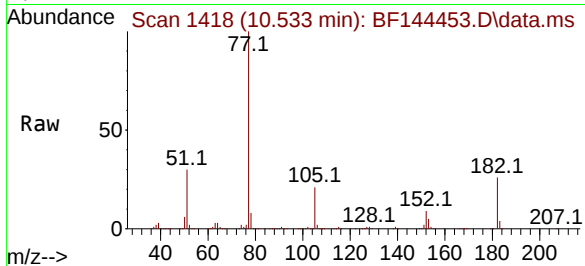


#63
Azobenzene
Concen: 35.746 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Instrument :
BNA_F
ClientSampleId :
ICVBF121225

Tgt Ion: 77 Resp: 1167345

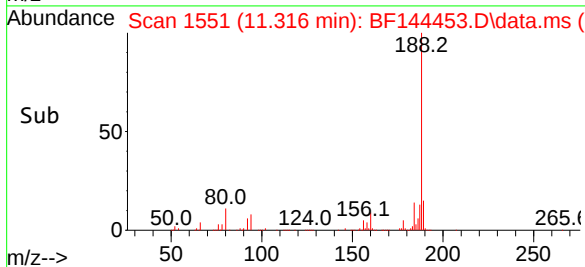
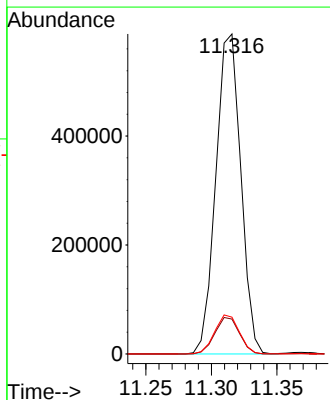
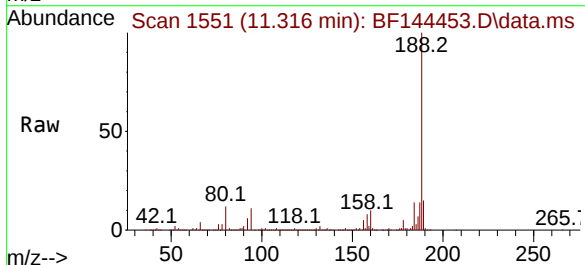
Ion	Ratio	Lower	Upper
77	100		
182	26.0	6.1	46.1
105	21.3	1.5	41.5
51	30.5	10.5	50.5

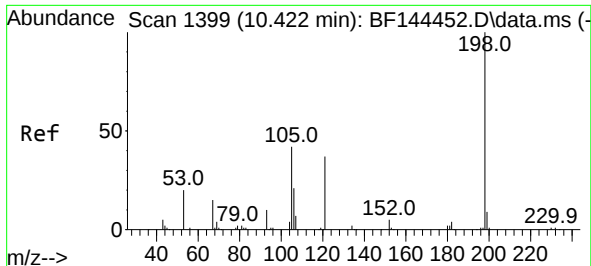


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion: 188 Resp: 777264

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.0	13.6
80	11.5	9.8	14.8

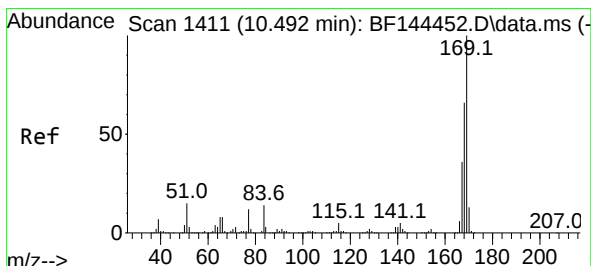
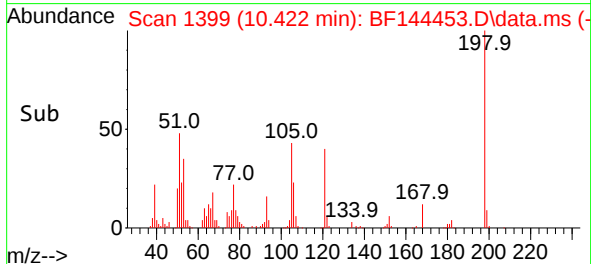
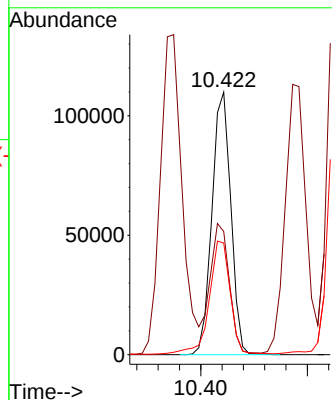
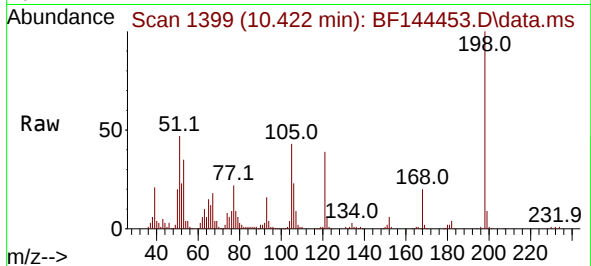




#65
4,6-Dinitro-2-methylphenol
Concen: 40.176 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

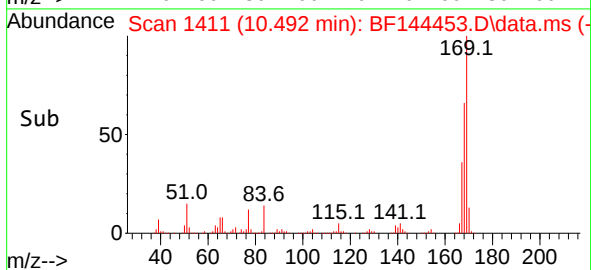
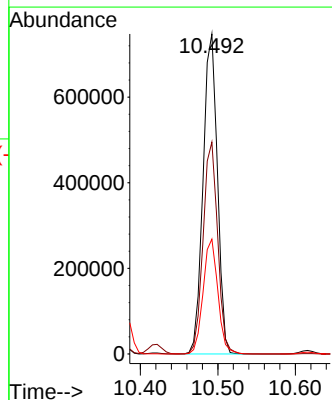
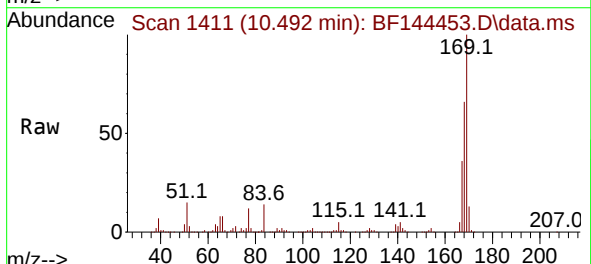
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

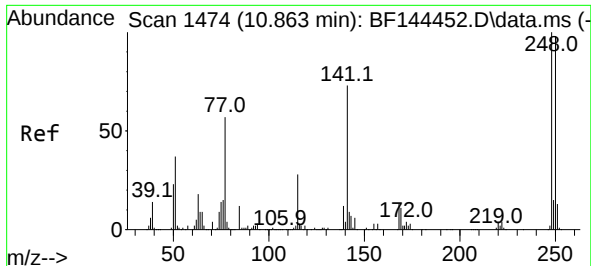
Tgt Ion:198 Resp: 134819
Ion Ratio Lower Upper
198 100
51 46.9 25.5 65.5
105 42.5 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 35.977 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:169 Resp: 958294
Ion Ratio Lower Upper
169 100
168 66.2 52.6 79.0
167 35.9 28.8 43.2

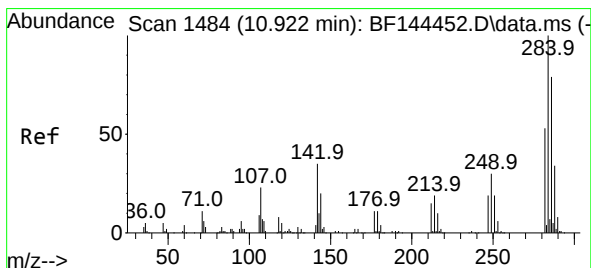
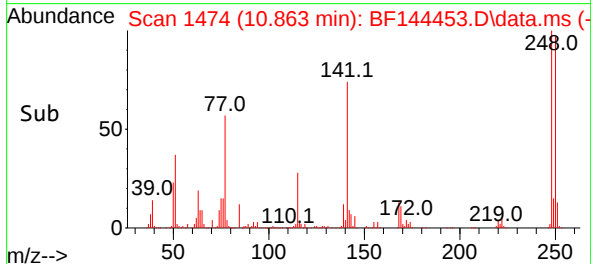
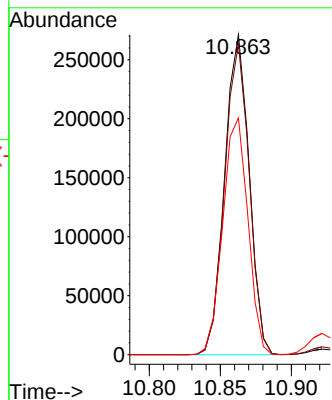
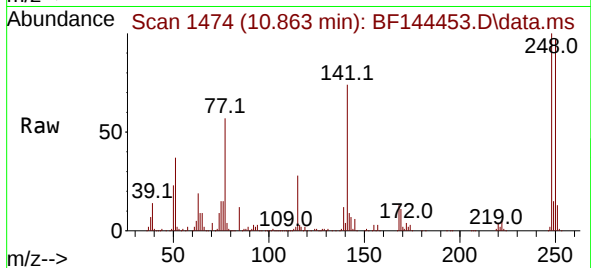




#67
4-Bromophenyl-phenylether
Concen: 36.000 ng
RT: 10.863 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

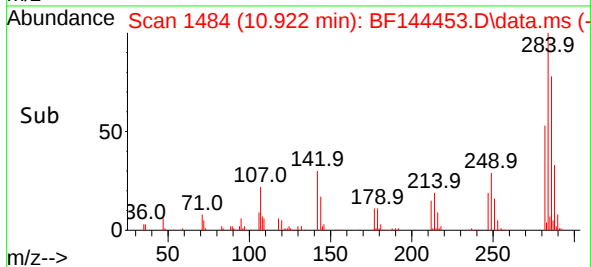
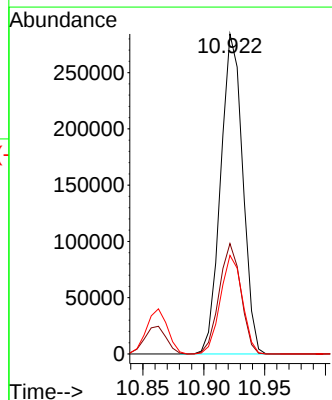
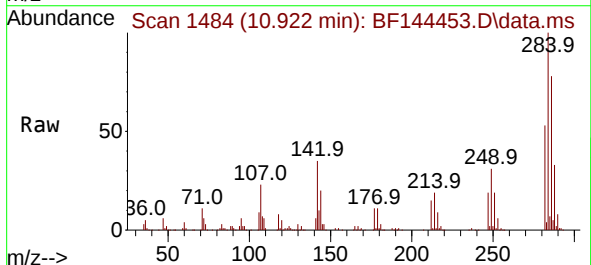
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

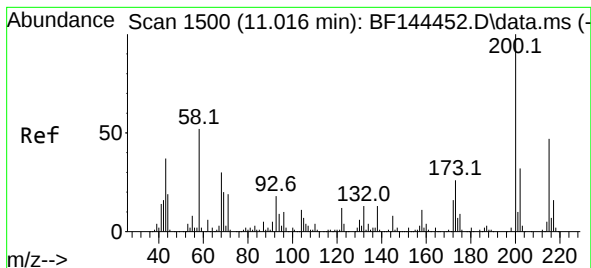
Tgt Ion:248 Resp: 326663
Ion Ratio Lower Upper
248 100
250 97.1 78.2 117.4
141 74.0 58.5 87.7



#68
Hexachlorobenzene
Concen: 35.774 ng
RT: 10.922 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:284 Resp: 358339
Ion Ratio Lower Upper
284 100
142 34.5 28.2 42.2
249 30.8 24.7 37.1





#69

Atrazine

Concen: 37.148 ng

RT: 11.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA_F

ClientSampleId :

ICVBF121225

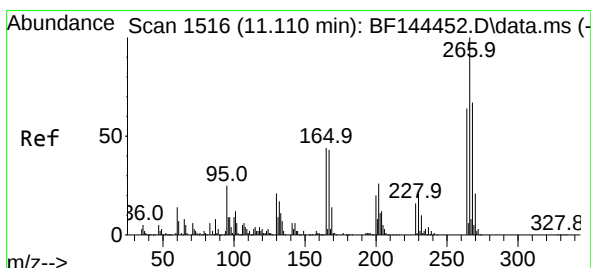
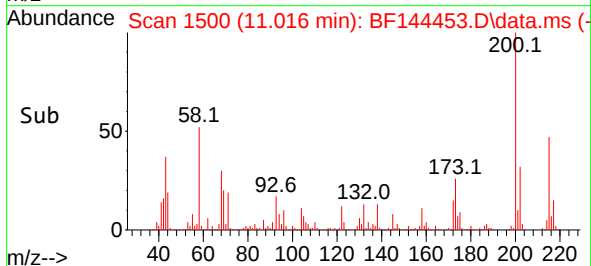
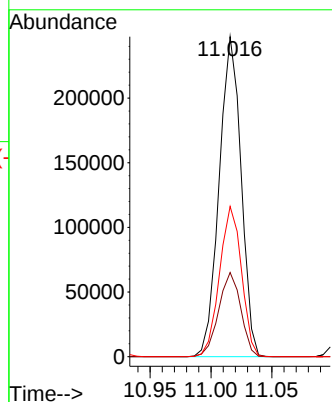
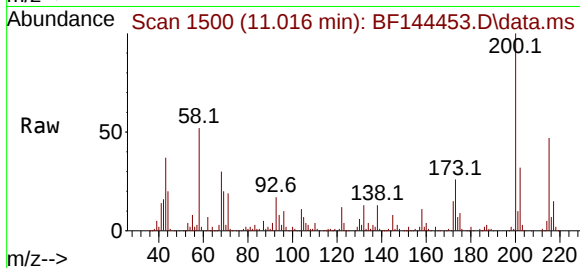
Tgt Ion:200 Resp: 309934

Ion Ratio Lower Upper

200 100

173 26.3 6.2 46.2

215 47.0 27.2 67.2



#70

Pentachlorophenol

Concen: 38.215 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.006 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

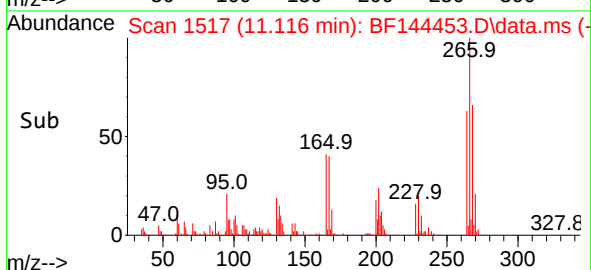
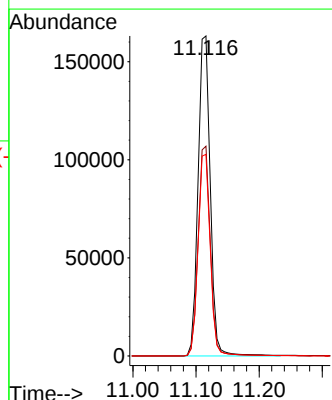
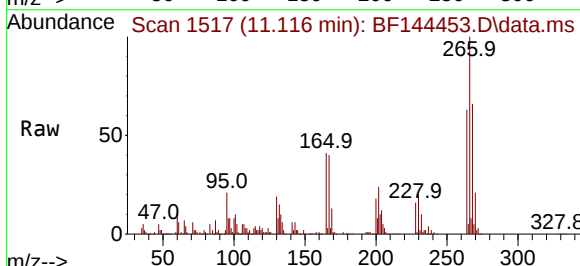
Tgt Ion:266 Resp: 218340

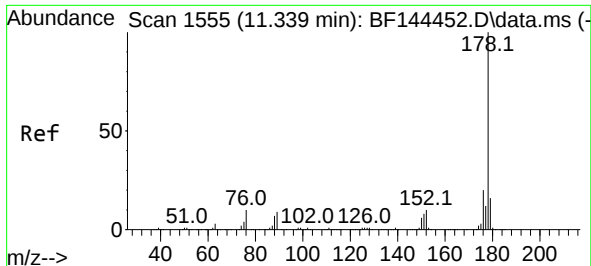
Ion Ratio Lower Upper

266 100

268 65.6 53.8 80.8

264 63.0 51.2 76.8

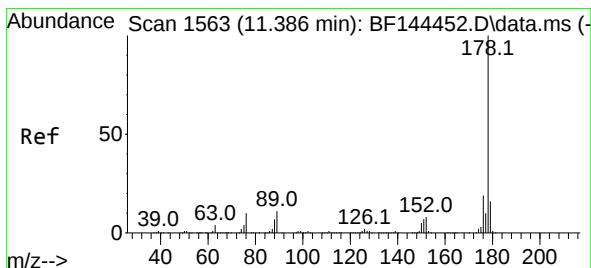
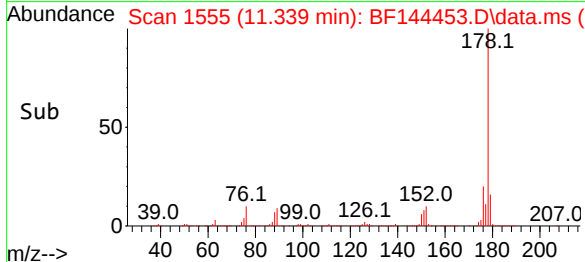
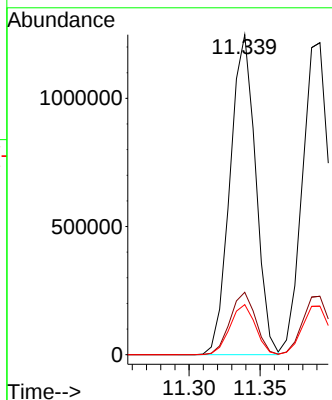
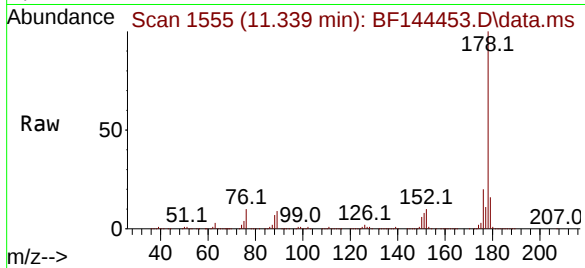




#71
Phenanthrene
Concen: 34.855 ng
RT: 11.339 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

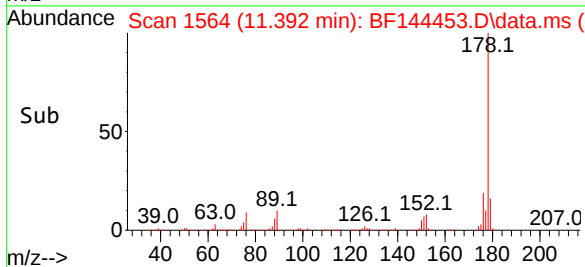
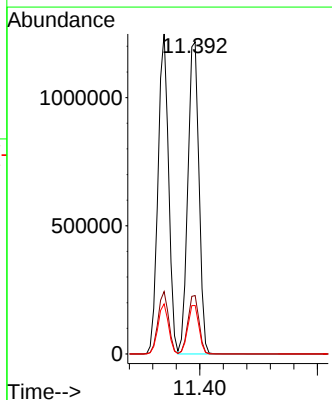
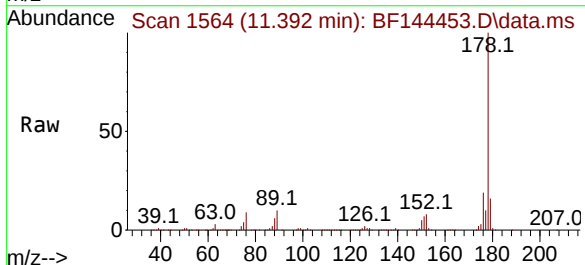
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

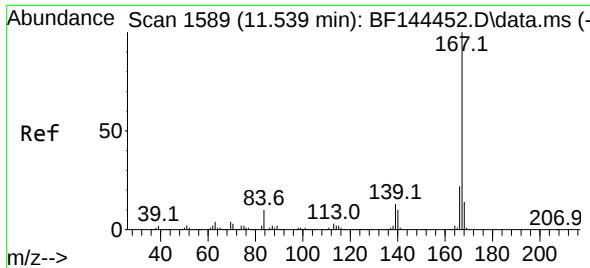
Tgt Ion:178 Resp: 1561820
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.5 18.7



#72
Anthracene
Concen: 35.207 ng
RT: 11.392 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:178 Resp: 1596751
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.5 12.7 19.1

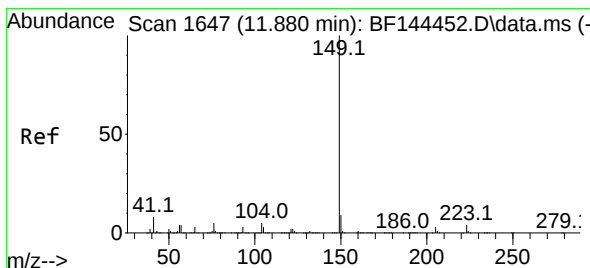
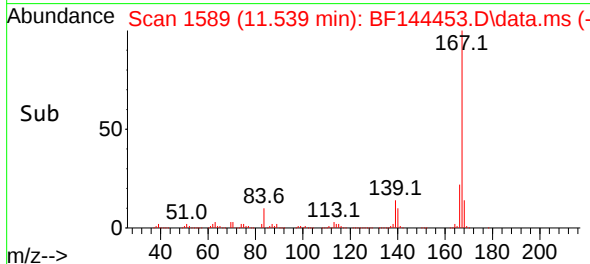
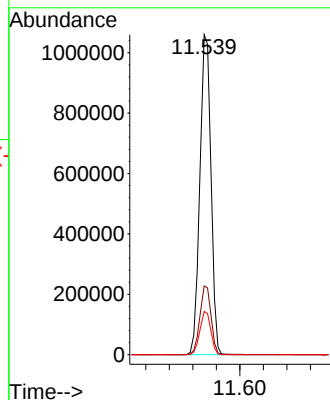
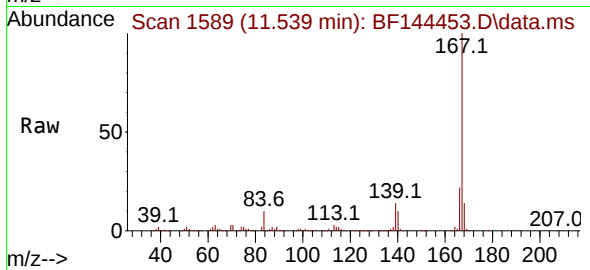




#73
 Carbazole
 Concen: 35.344 ng
 RT: 11.539 min Scan# 1589
 Delta R.T. -0.000 min
 Lab File: BF144453.D
 Acq: 12 Dec 2025 16:21

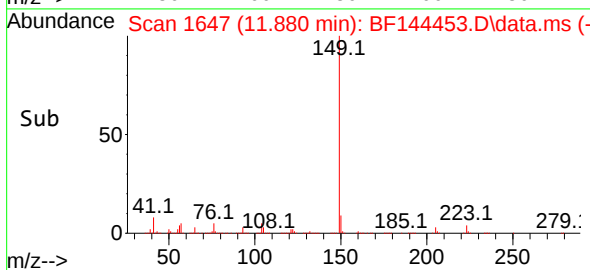
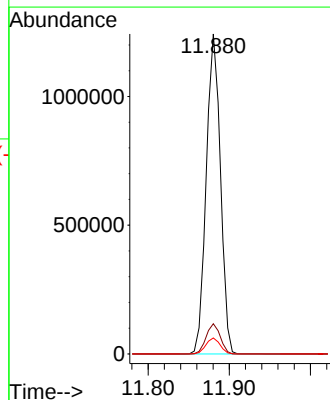
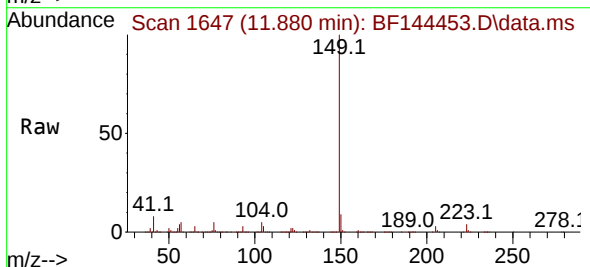
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121225

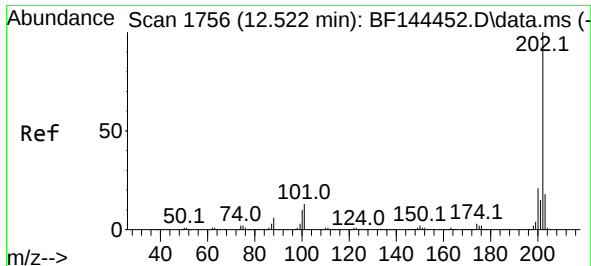
Tgt Ion:167 Resp: 1391570
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 13.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 35.715 ng
 RT: 11.880 min Scan# 1647
 Delta R.T. -0.000 min
 Lab File: BF144453.D
 Acq: 12 Dec 2025 16:21

Tgt Ion:149 Resp: 1503143
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.0 3.9 5.9

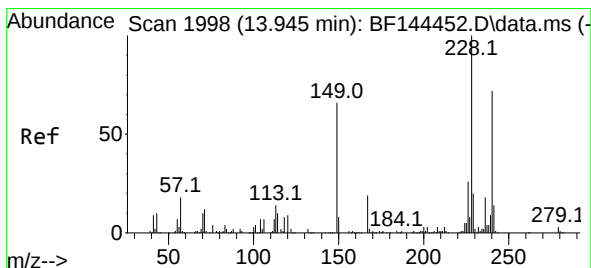
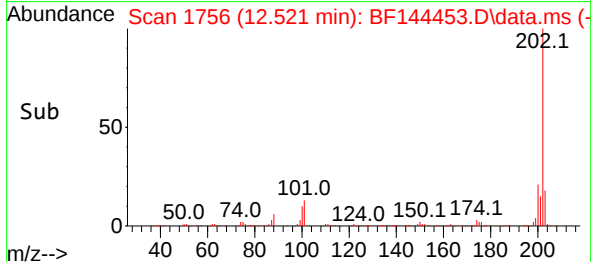
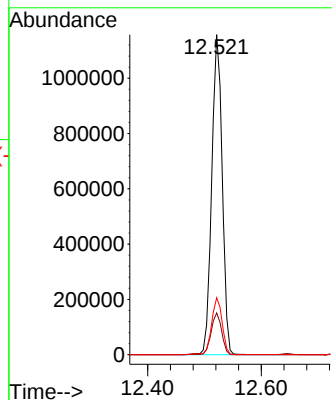
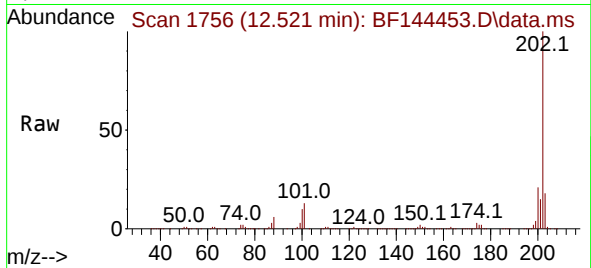




#75
Fluoranthene
Concen: 33.297 ng
RT: 12.521 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

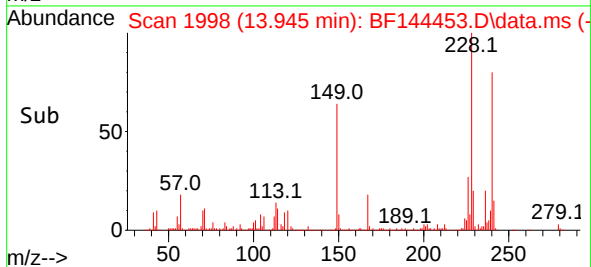
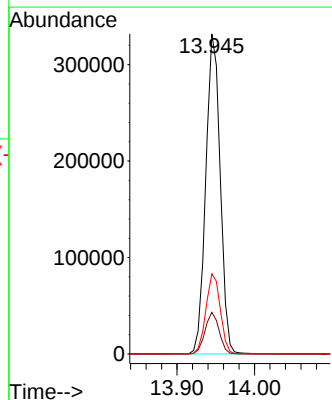
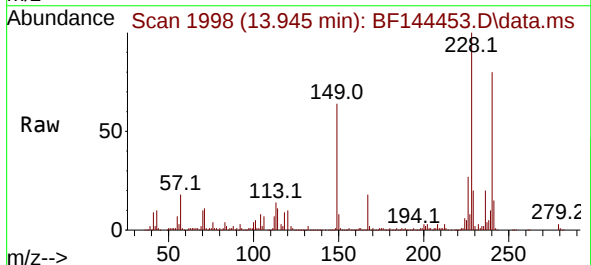
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

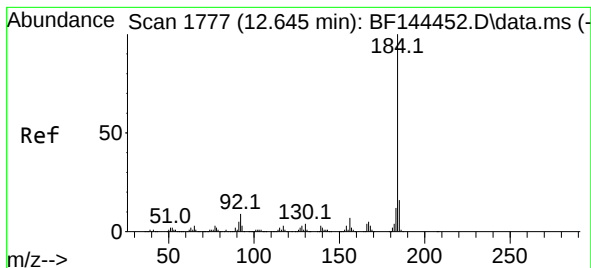
Tgt Ion:202 Resp: 1473371
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.9
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:240 Resp: 428285
Ion Ratio Lower Upper
240 100
120 13.0 10.3 15.5
236 25.0 20.2 30.4





#77

Benzidine

Concen: 45.160 ng

RT: 12.645 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA_F

ClientSampleId :

ICVBF121225

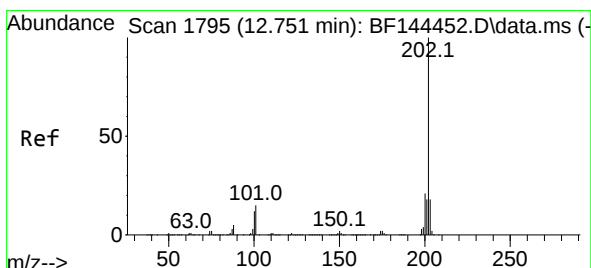
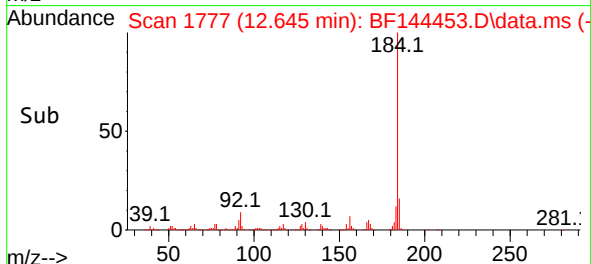
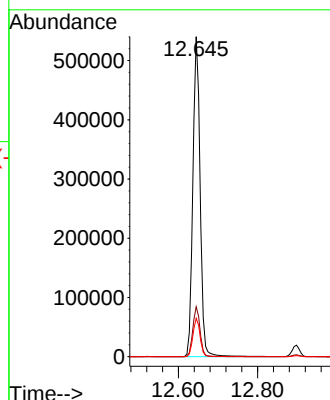
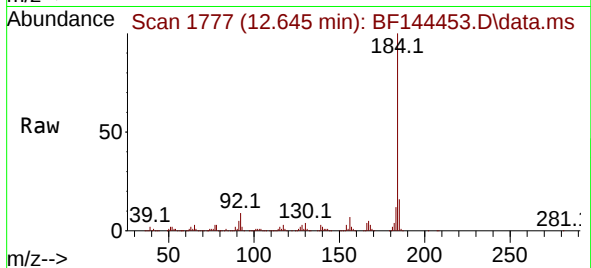
Tgt Ion:184 Resp: 688687

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

183 12.0 9.4 14.0



#78

Pyrene

Concen: 37.920 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

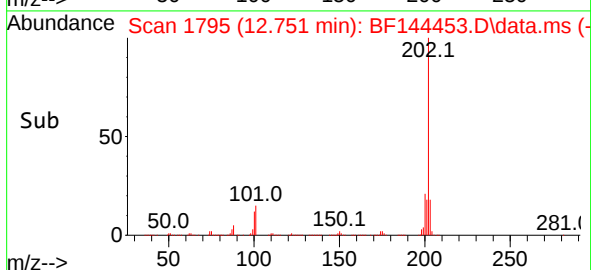
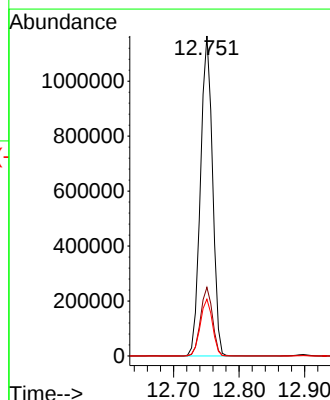
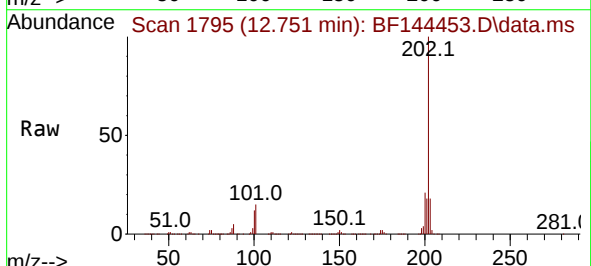
Tgt Ion:202 Resp: 1487940

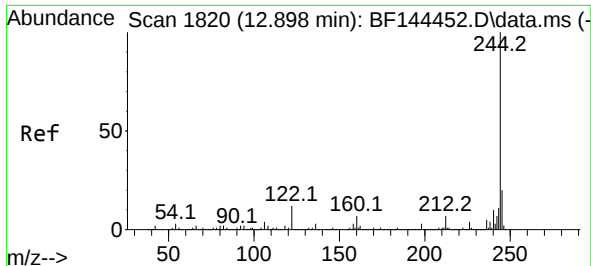
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

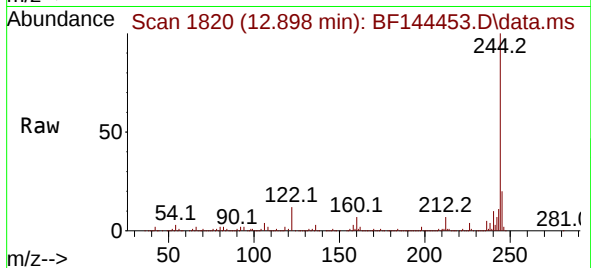
203 17.8 14.2 21.4





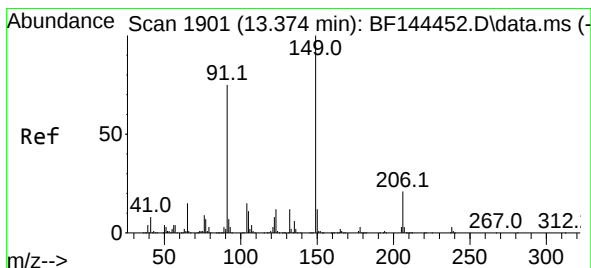
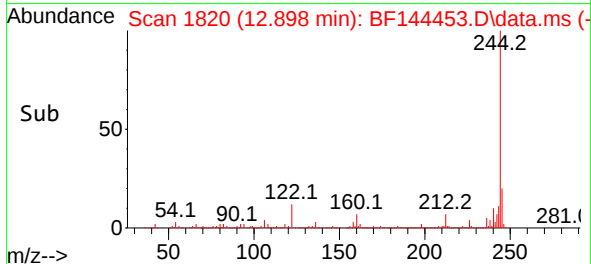
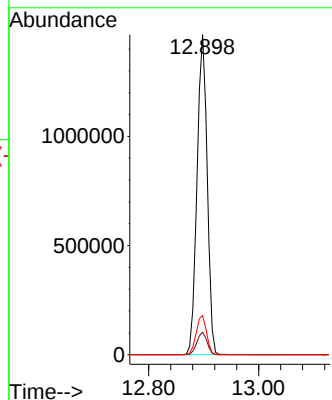
#79
 Terphenyl-d14
 Concen: 69.295 ng
 RT: 12.898 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF144453.D
 Acq: 12 Dec 2025 16:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121225



Tgt Ion:244 Resp: 1879789

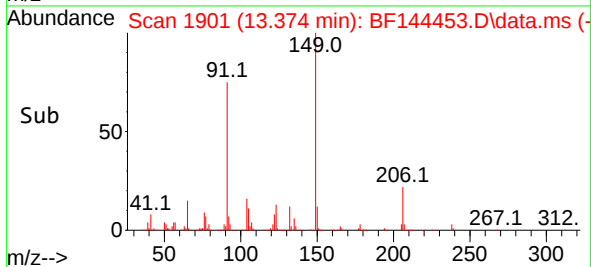
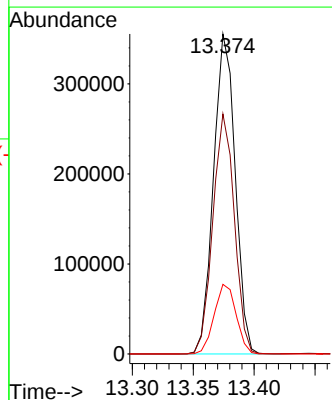
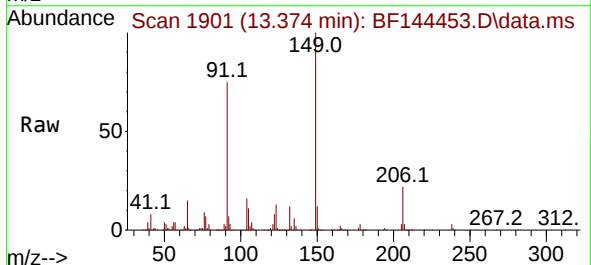
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.2	9.9	14.9

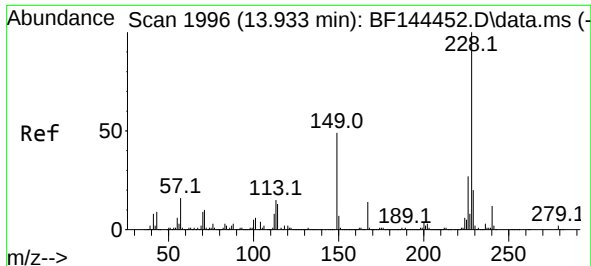


#80
 Butylbenzylphthalate
 Concen: 34.839 ng
 RT: 13.374 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: BF144453.D
 Acq: 12 Dec 2025 16:21

Tgt Ion:149 Resp: 439891

Ion	Ratio	Lower	Upper
149	100		
91	75.0	59.8	89.8
206	21.8	17.0	25.6

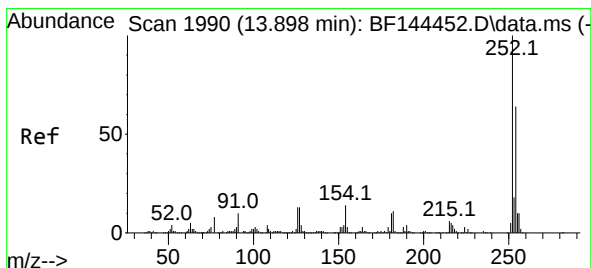
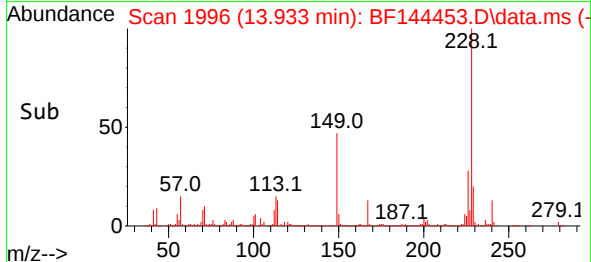
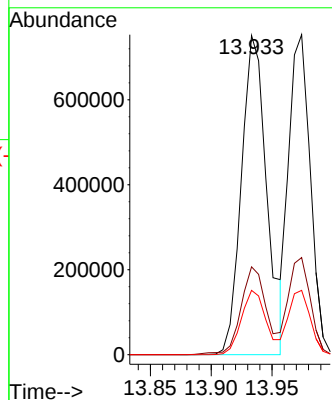
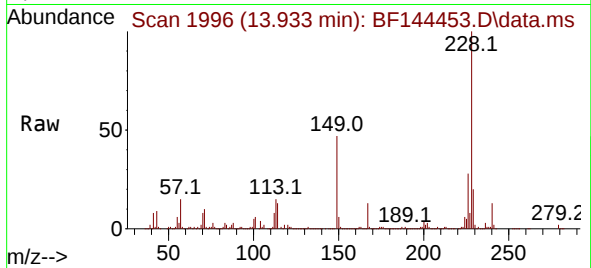




#81
Benzo(a)anthracene
Concen: 36.169 ng
RT: 13.933 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

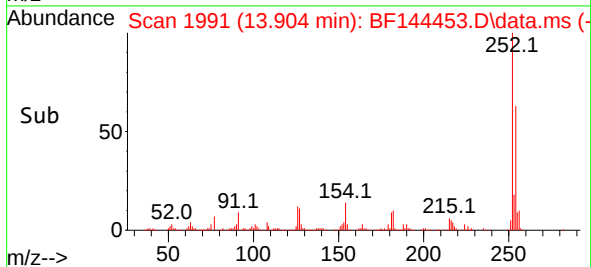
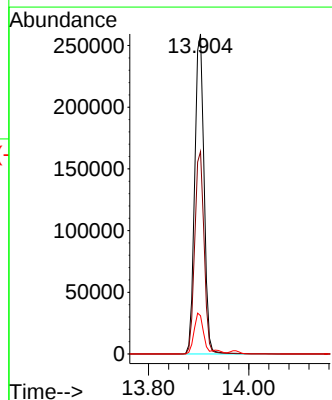
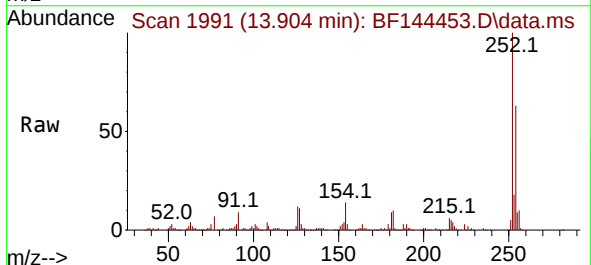
Instrument :
BNA_F
ClientSampleId :
ICVBF121225

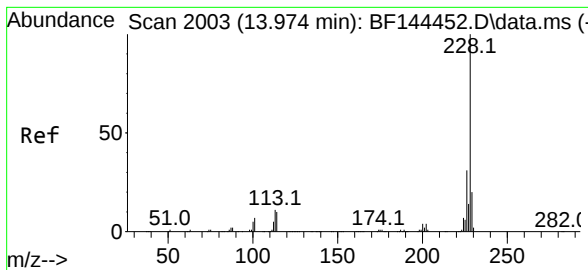
Tgt Ion:228 Resp: 1090859
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 20.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 39.083 ng
RT: 13.904 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:252 Resp: 334015
Ion Ratio Lower Upper
252 100
254 63.3 51.1 76.7
126 11.9 10.4 15.6





#83

Chrysene

Concen: 33.604 ng

RT: 13.974 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA_F

ClientSampleId :

ICVBF121225

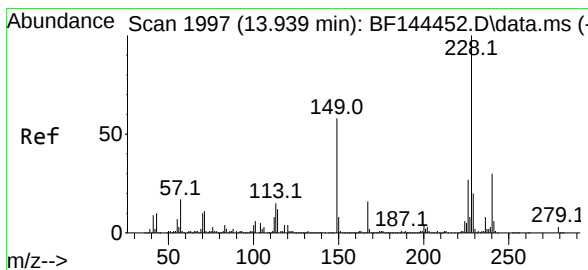
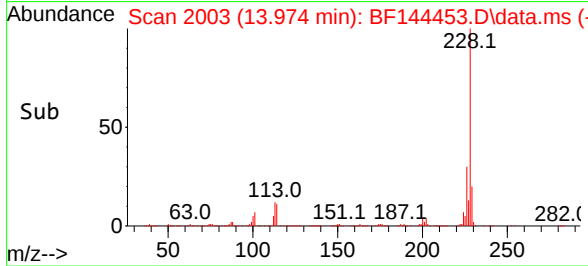
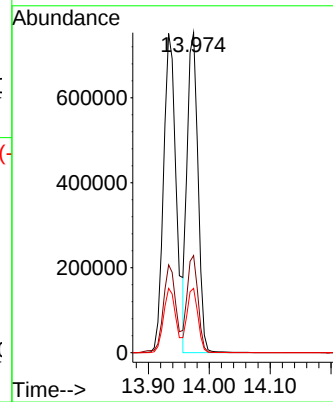
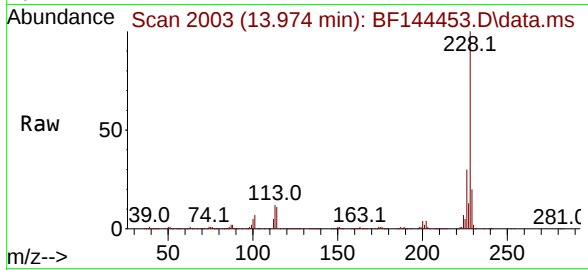
Tgt Ion:228 Resp: 927546

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.594 ng

RT: 13.939 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

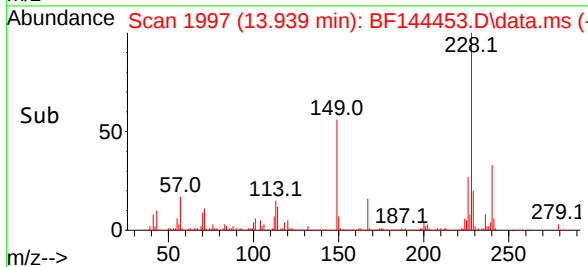
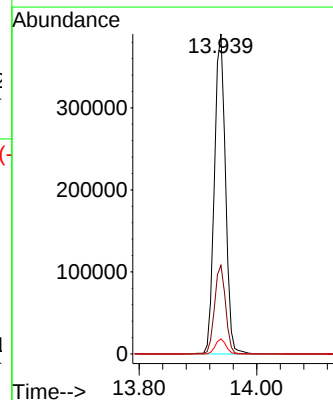
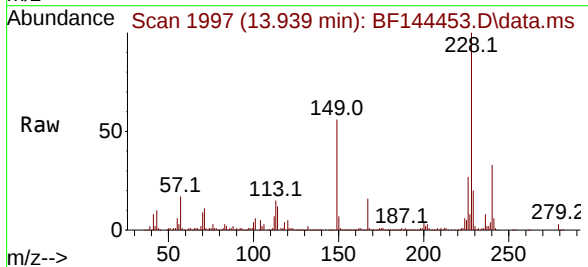
Tgt Ion:149 Resp: 509600

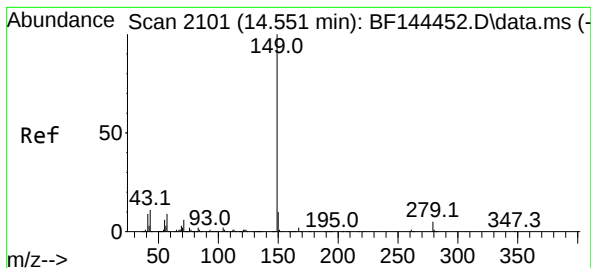
Ion Ratio Lower Upper

149 100

167 27.7 22.6 34.0

279 4.7 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 34.643 ng

RT: 14.551 min Scan# 2101

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA_F

ClientSampleId :

ICVBF121225

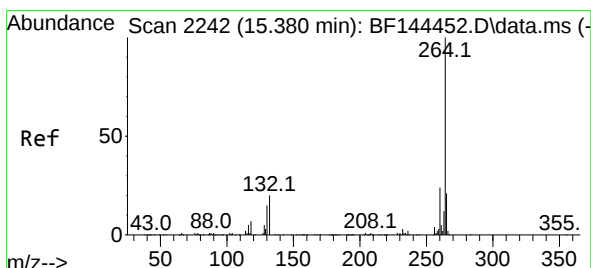
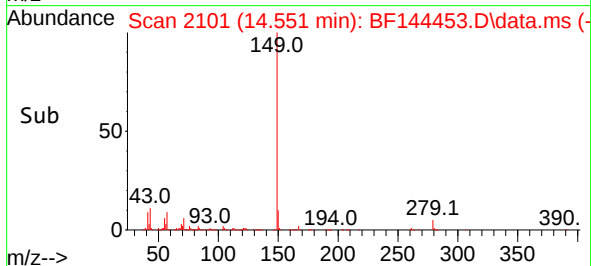
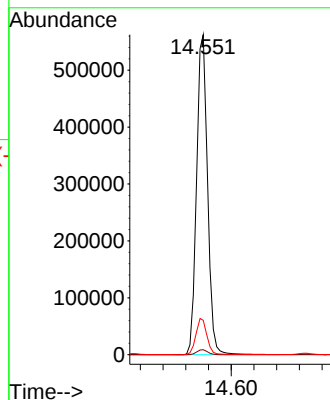
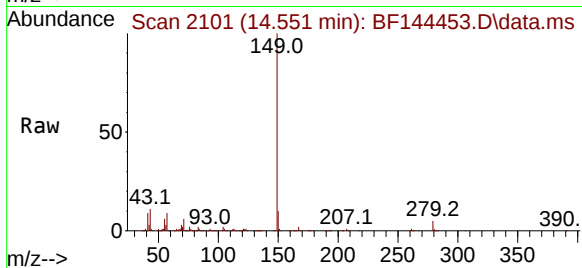
Tgt Ion:149 Resp: 757278

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 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: BF144453.D

Acq: 12 Dec 2025 16:21

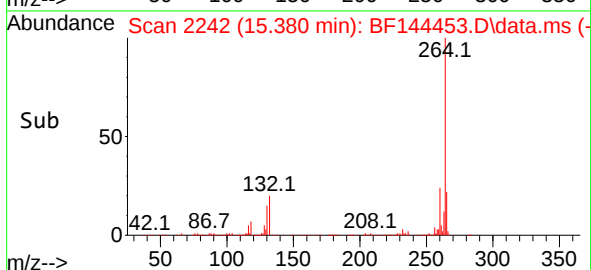
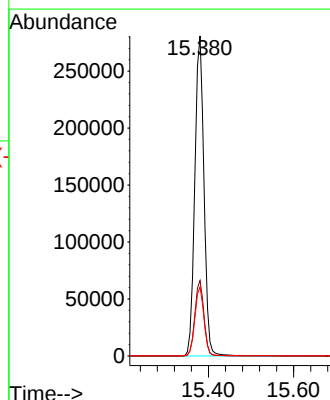
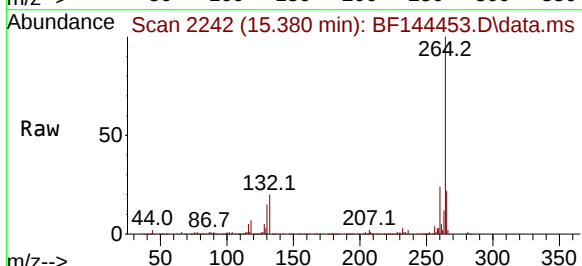
Tgt Ion:264 Resp: 418823

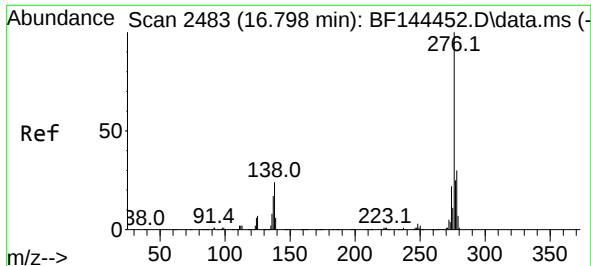
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.5 17.1 25.7

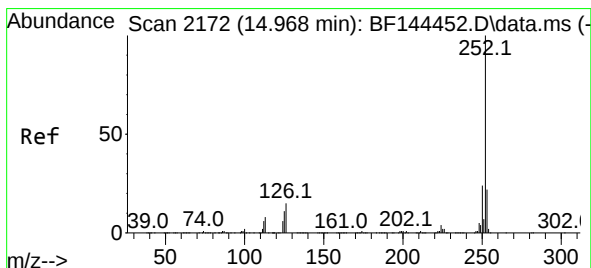
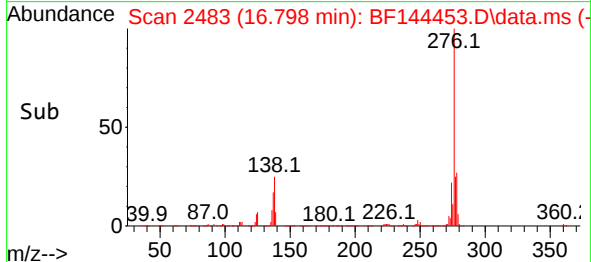
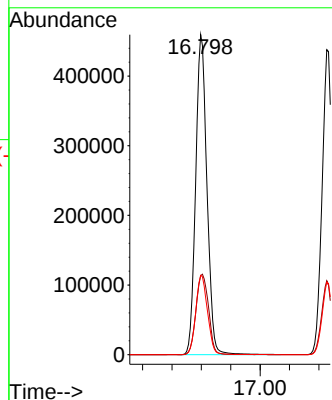
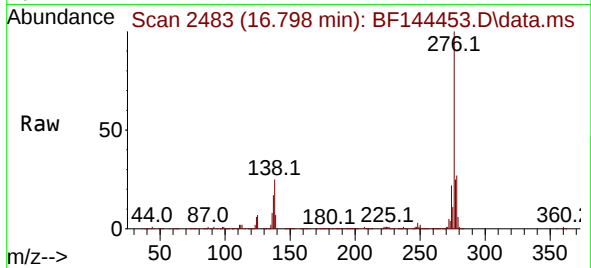




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.644 ng
 RT: 16.798 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BF144453.D
 Acq: 12 Dec 2025 16:21

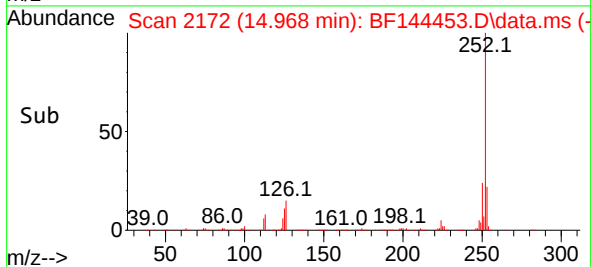
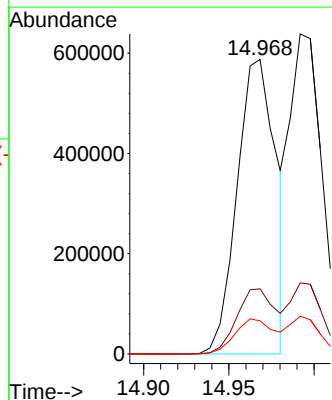
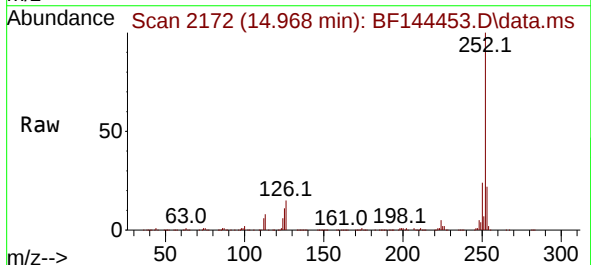
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121225

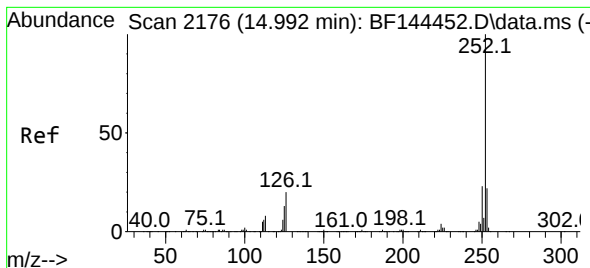
Tgt Ion:276 Resp: 1221861
 Ion Ratio Lower Upper
 276 100
 138 28.1 21.9 32.9
 277 25.8 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 33.794 ng
 RT: 14.968 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: BF144453.D
 Acq: 12 Dec 2025 16:21

Tgt Ion:252 Resp: 929180
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 11.2 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 32.796 ng

RT: 14.992 min Scan# 2176

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA_F

ClientSampleId :

ICVBF121225

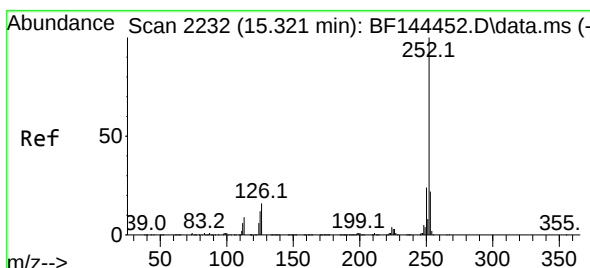
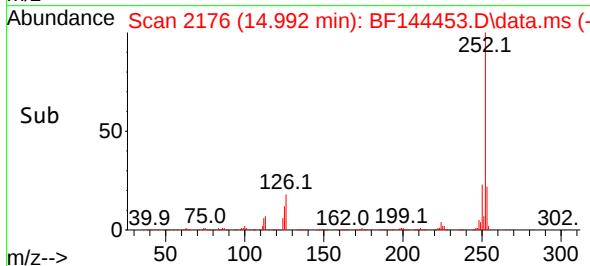
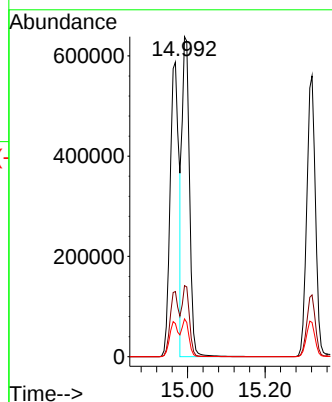
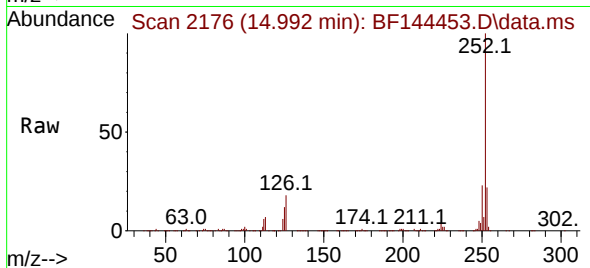
Tgt Ion:252 Resp: 852647

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.8 9.7 14.5



#90

Benzo(a)pyrene

Concen: 36.271 ng

RT: 15.321 min Scan# 2232

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

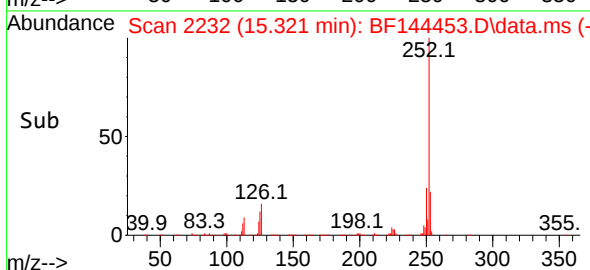
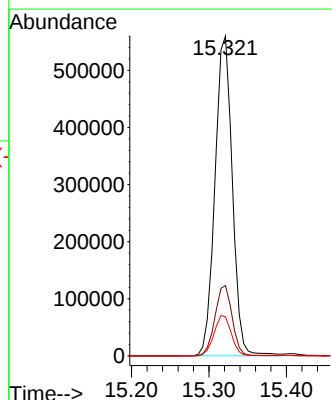
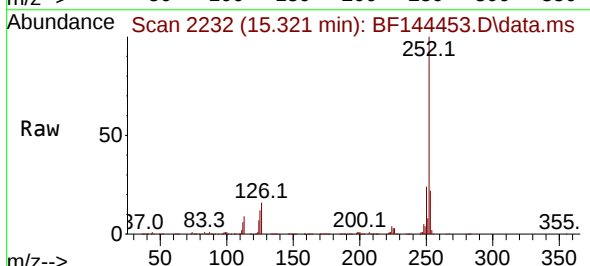
Tgt Ion:252 Resp: 871712

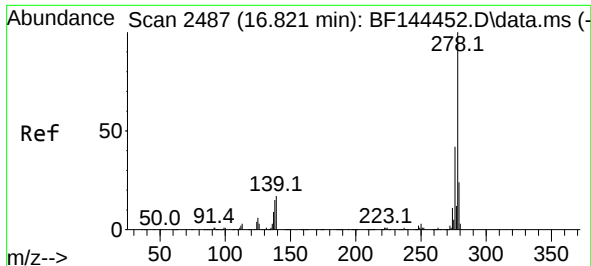
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 12.2 9.9 14.9



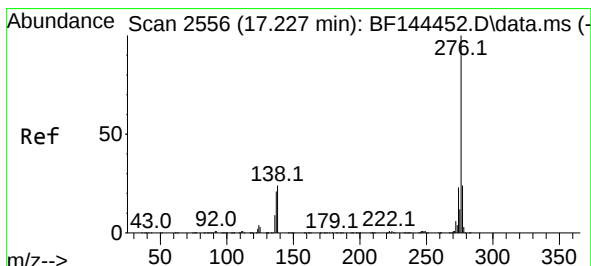
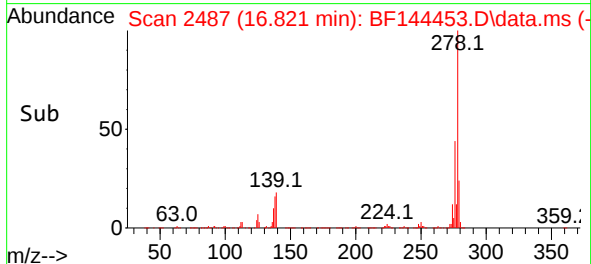
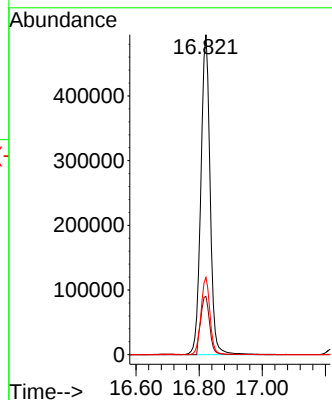
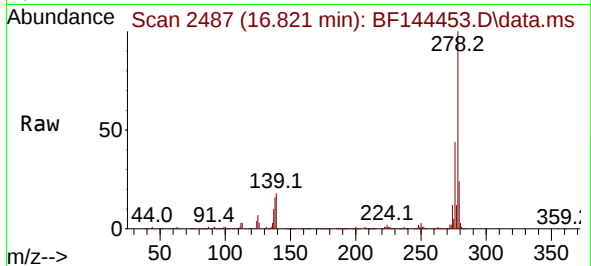


#91
Dibenzo(a,h)anthracene
Concen: 41.562 ng
RT: 16.821 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Instrument :
BNA_F
ClientSampleId :
ICVBF121225

Tgt Ion:278 Resp: 1009049

Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.6	20.4
279	24.2	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 41.581 ng
RT: 17.227 min Scan# 2556
Delta R.T. -0.000 min
Lab File: BF144453.D
Acq: 12 Dec 2025 16:21

Tgt Ion:276 Resp: 1026454

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	24.2	19.4	29.2

