

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144449.D
 Acq On : 12 Dec 2025 13:53
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Dec 12 16:22:27 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	206994	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	830443	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	450235	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	756551	20.000	ng	0.00
76) Chrysene-d12	13.945	240	463678	20.000	ng	0.00
86) Perylene-d12	15.380	264	413413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1339985	97.609	ng	0.00
7) Phenol-d6	6.416	99	1652646	96.514	ng	0.00
23) Nitrobenzene-d5	7.363	82	1419386	106.958	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	435745	107.048	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2644801	90.116	ng	0.00
79) Terphenyl-d14	12.898	244	2791196	95.038	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	321204	48.658	ng	99
3) Pyridine	3.222	79	894442	49.275	ng	99
4) n-Nitrosodimethylamine	3.175	42	389605	49.388	ng	98
6) Aniline	6.457	93	1153034	48.272	ng	100
8) 2-Chlorophenol	6.575	128	740117	50.286	ng	99
9) Benzaldehyde	6.346	77	740586	55.247	ng	99
10) Phenol	6.434	94	973694	48.180	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	707292	47.882	ng	98
12) 1,3-Dichlorobenzene	6.740	146	761788	47.905	ng	99
13) 1,4-Dichlorobenzene	6.816	146	761554	47.730	ng	100
14) 1,2-Dichlorobenzene	6.963	146	725134	47.857	ng	100
15) Benzyl Alcohol	6.934	79	624024	49.443	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1203951	48.296	ng	99
17) 2-Methylphenol	7.045	107	608108	49.014	ng	98
18) Hexachloroethane	7.310	117	276754	49.921	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	530885	49.082	ng	100
20) 3+4-Methylphenols	7.198	107	739102	48.484	ng	91
22) Acetophenone	7.210	105	961696	46.688	ng	98
24) Nitrobenzene	7.381	77	757725	52.633	ng	100
25) Isophorone	7.622	82	1460189	48.755	ng	99
26) 2-Nitrophenol	7.693	139	300557	47.943	ng	99
27) 2,4-Dimethylphenol	7.728	122	698821	48.902	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	876731	47.507	ng	99
29) 2,4-Dichlorophenol	7.928	162	596996	50.278	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	613259	47.619	ng	99
31) Naphthalene	8.098	128	2098015	46.941	ng	99
32) Benzoic acid	7.840	122	417479	48.238	ng	100
33) 4-Chloroaniline	8.145	127	858601	47.793	ng	100
34) Hexachlorobutadiene	8.222	225	384053	48.230	ng	99
35) Caprolactam	8.528	113	202300	51.594	ng	100
36) 4-Chloro-3-methylphenol	8.622	107	644157	49.974	ng	100
37) 2-Methylnaphthalene	8.792	142	1379986	46.928	ng	100
38) 1-Methylnaphthalene	8.887	142	1338255	46.737	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	605211	47.232	ng	100
41) Hexachlorocyclopentadiene	8.945	237	386661	50.988	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	420182	51.638	ng	98

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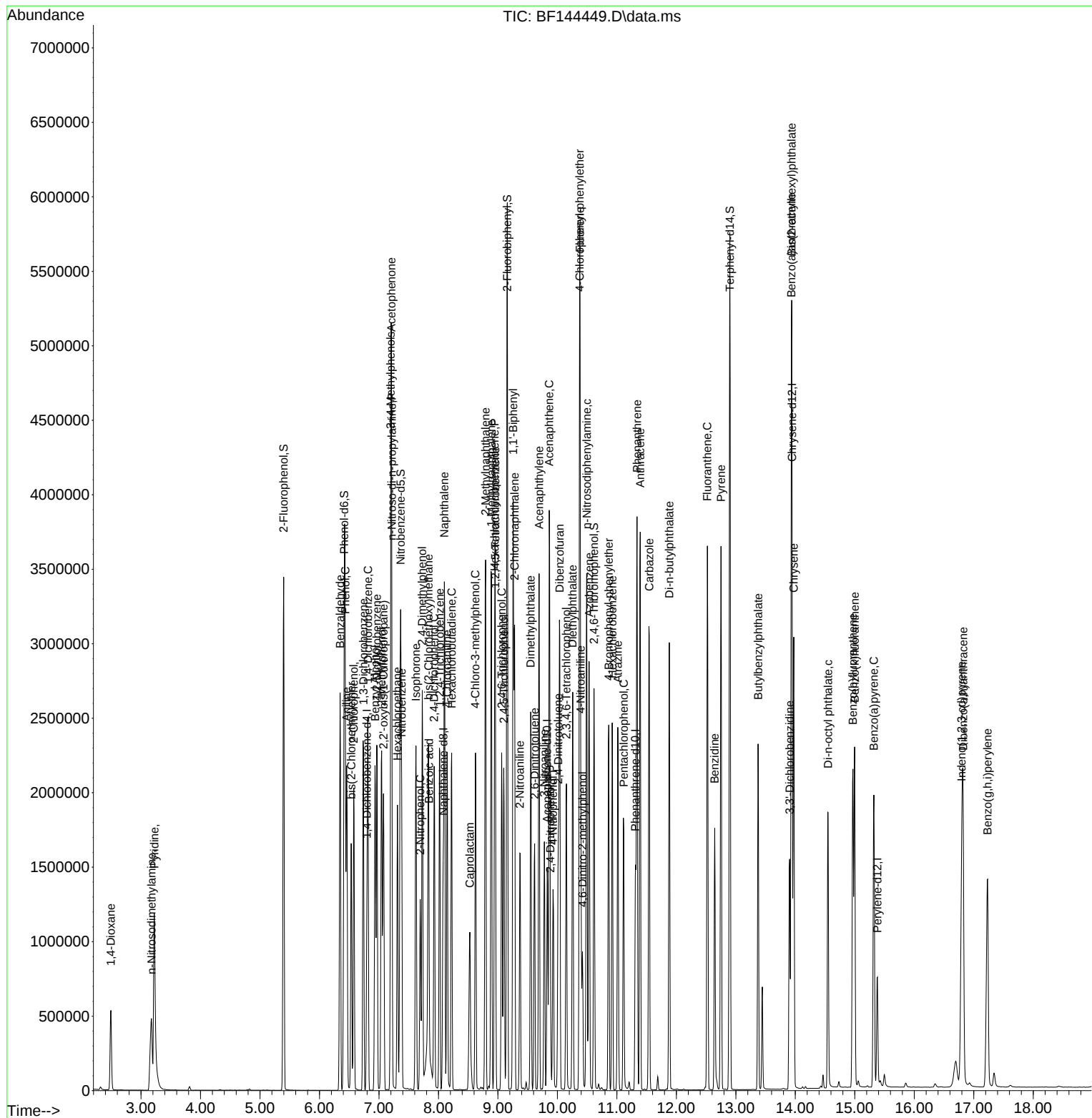
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	436065	51.059	ng	99
46) 1,1'-Biphenyl	9.257	154	1646402	46.792	ng	100
47) 2-Chloronaphthalene	9.281	162	1257262	46.807	ng	99
48) 2-Nitroaniline	9.369	65	375288	48.657	ng	98
49) Acenaphthylene	9.692	152	2036740	47.859	ng	99
50) Dimethylphthalate	9.551	163	1484426	48.810	ng	100
51) 2,6-Dinitrotoluene	9.616	165	270830	48.547	ng	96
52) Acenaphthene	9.863	154	1253434	47.239	ng	100
53) 3-Nitroaniline	9.781	138	340050	49.762	ng	97
54) 2,4-Dinitrophenol	9.881	184	105983	47.658	ng	80
55) Dibenzofuran	10.039	168	1785262	47.287	ng	99
56) 4-Nitrophenol	9.928	139	281991	54.448	ng	99
57) 2,4-Dinitrotoluene	10.016	165	374410	49.088	ng	98
58) Fluorene	10.381	166	1315013	45.998	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	344498	53.138	ng	99
60) Diethylphthalate	10.257	149	1423235	49.378	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	652018	46.484	ng	100
62) 4-Nitroaniline	10.392	138	335827	49.845	ng	97
63) Azobenzene	10.534	77	1479898	48.581	ng	100
65) 4,6-Dinitro-2-methylph...	10.422	198	160800	47.259	ng	94
66) n-Nitrosodiphenylamine	10.492	169	1212843	46.780	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	425394	48.164	ng	99
68) Hexachlorobenzene	10.922	284	469539	48.159	ng	99
69) Atrazine	11.016	200	413267	50.889	ng	100
70) Pentachlorophenol	11.116	266	285590	51.354	ng	99
71) Phenanthrene	11.339	178	2033385	46.621	ng	100
72) Anthracene	11.392	178	2057637	46.612	ng	100
73) Carbazole	11.545	167	1795985	46.864	ng	100
74) Di-n-butylphthalate	11.880	149	2071432	50.565	ng	100
75) Fluoranthene	12.522	202	2041613	47.403	ng	99
77) Benzidine	12.645	184	893313	54.107	ng	99
78) Pyrene	12.751	202	2046782	48.181	ng	100
80) Butylbenzylphthalate	13.375	149	702302	49.829	ng	99
81) Benzo(a)anthracene	13.933	228	1586063	48.573	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	462613	49.998	ng	98
83) Chrysene	13.974	228	1410034	47.184	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	834571	50.840	ng	99
85) Di-n-octyl phthalate	14.551	149	1258332	49.692	ng	100
87) Indeno(1,2,3-cd)pyrene	16.798	276	1549442	52.216	ng	99
88) Benzo(b)fluoranthene	14.969	252	1309966	48.267	ng	100
89) Benzo(k)fluoranthene	14.998	252	1249988	48.709	ng	99
90) Benzo(a)pyrene	15.321	252	1188213	50.087	ng	100
91) Dibenzo(a,h)anthracene	16.821	278	1258170	52.501	ng	99
92) Benzo(g,h,i)perylene	17.233	276	1279756	52.521	ng	99

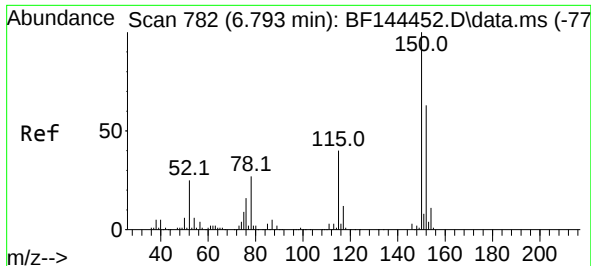
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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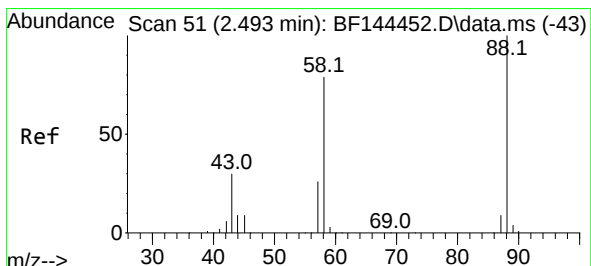
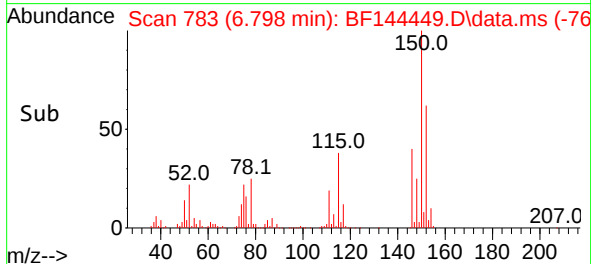
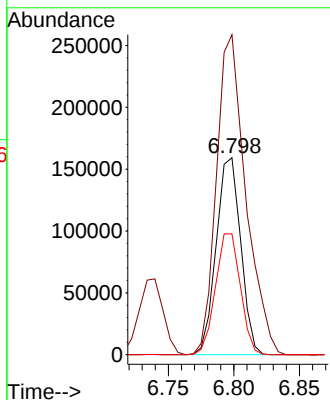
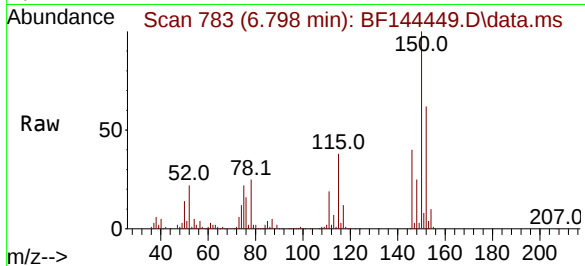




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: BF144449.D
 Acq: 12 Dec 2025 13:53

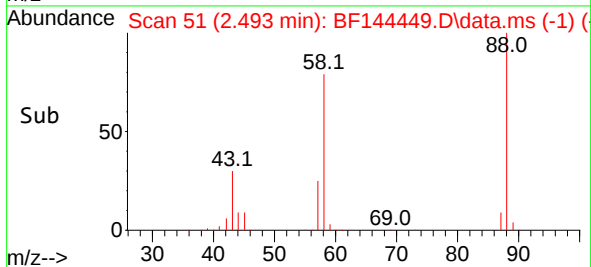
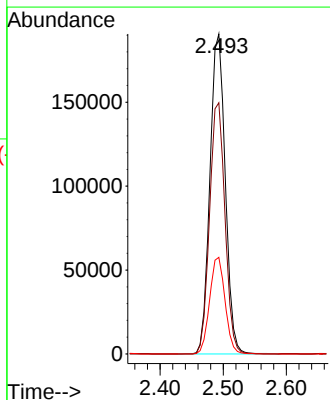
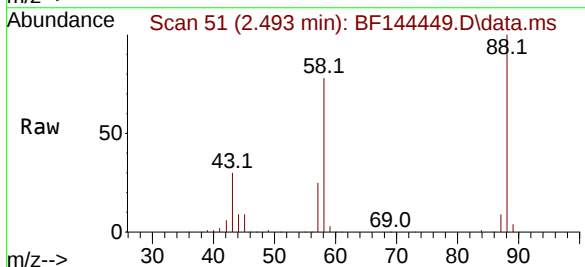
Instrument :
 BNA_F
 ClientSampleId :
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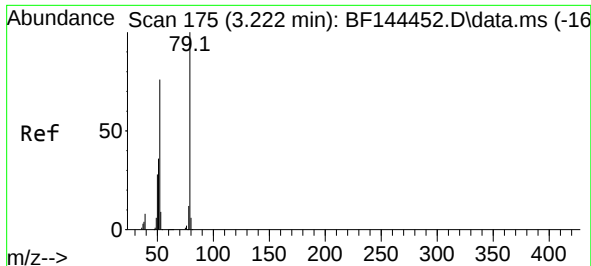
Tgt Ion:152 Resp: 206994
 Ion Ratio Lower Upper
 152 100
 150 162.5 127.4 191.2
 115 61.3 51.4 77.0



#2
 1,4-Dioxane
 Concen: 48.658 ng
 RT: 2.493 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BF144449.D
 Acq: 12 Dec 2025 13:53

Tgt Ion: 88 Resp: 321204
 Ion Ratio Lower Upper
 88 100
 58 79.0 63.9 95.9
 43 30.4 24.2 36.4

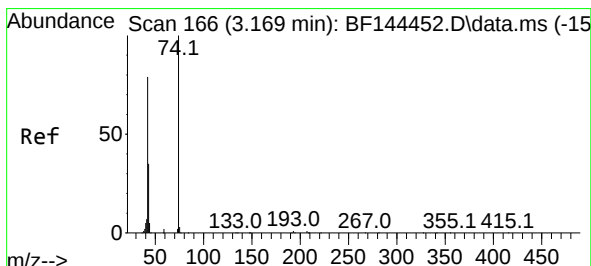
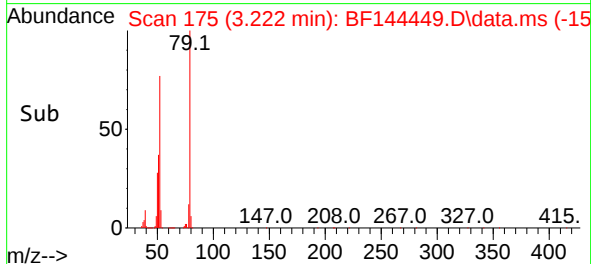
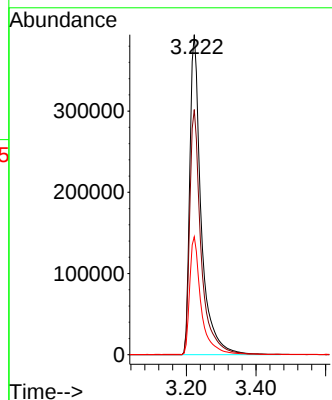
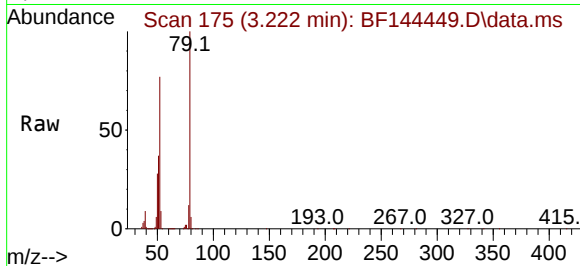




#3
Pyridine
Concen: 49.275 ng
RT: 3.222 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

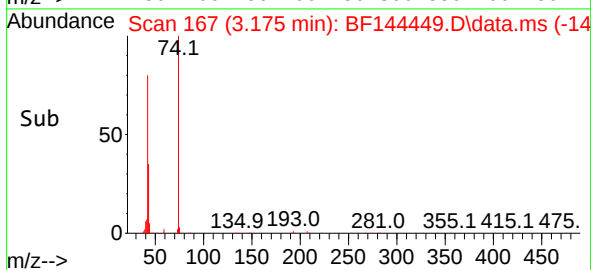
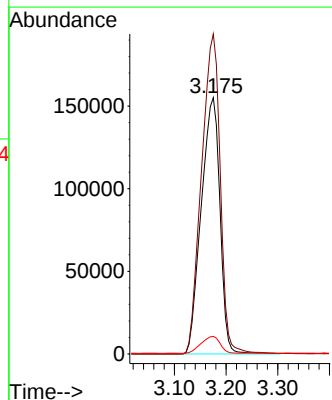
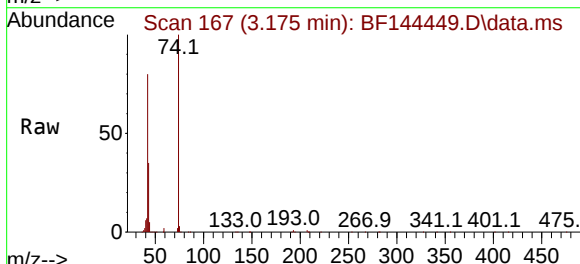
Instrument :
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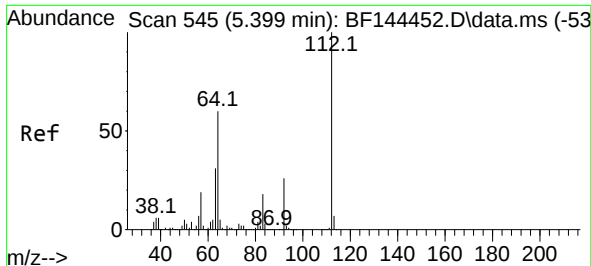
Tgt Ion: 79 Resp: 894442
Ion Ratio Lower Upper
79 100
52 76.6 60.5 90.7
51 36.9 29.0 43.6



#4
n-Nitrosodimethylamine
Concen: 49.388 ng
RT: 3.175 min Scan# 167
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 42 Resp: 389605
Ion Ratio Lower Upper
42 100
74 124.8 101.8 152.8
44 6.8 5.7 8.5

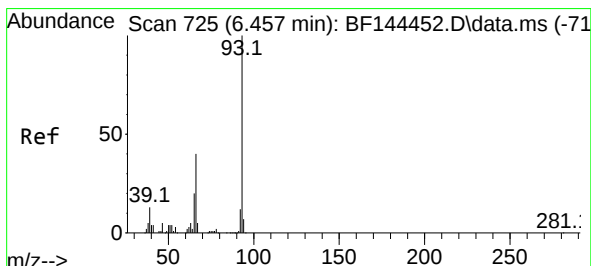
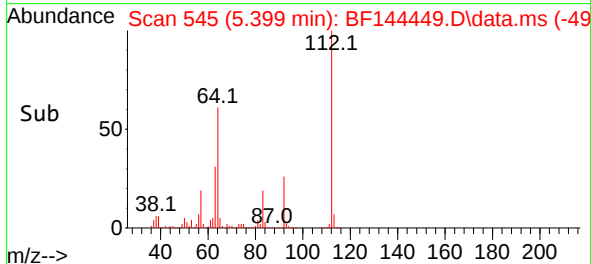
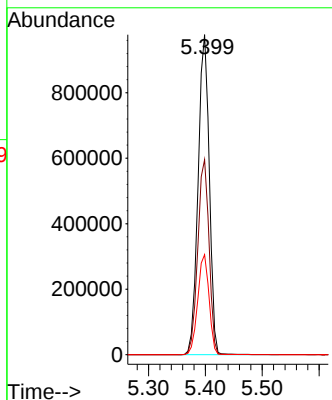
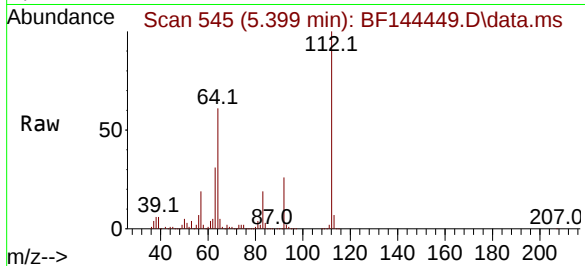




#5
2-Fluorophenol
Concen: 97.609 ng
RT: 5.399 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

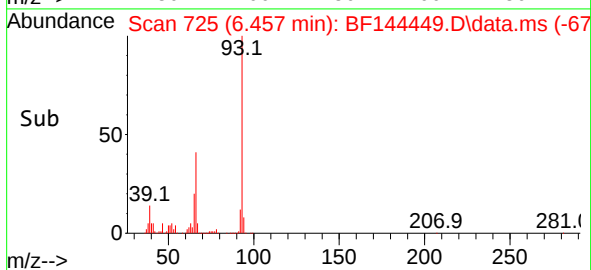
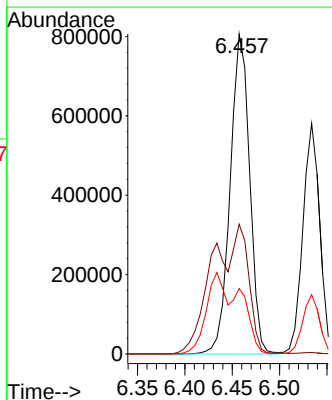
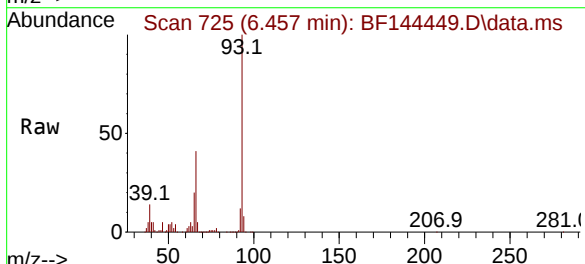
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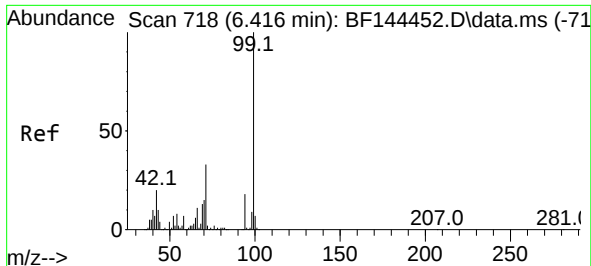
Tgt Ion:112 Resp: 1339985
Ion Ratio Lower Upper
112 100
64 60.9 47.8 71.6
63 31.3 24.6 37.0



#6
Aniline
Concen: 48.272 ng
RT: 6.457 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 93 Resp: 1153034
Ion Ratio Lower Upper
93 100
66 40.5 32.4 48.6
65 20.5 16.1 24.1





#7

Phenol-d6

Concen: 96.514 ng

RT: 6.416 min Scan# 718

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

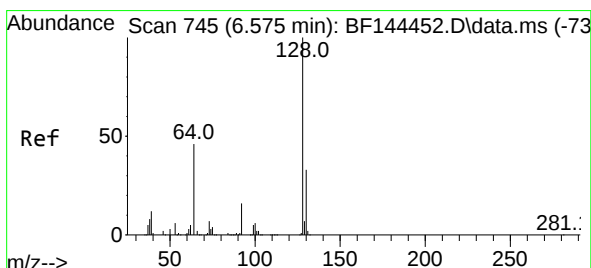
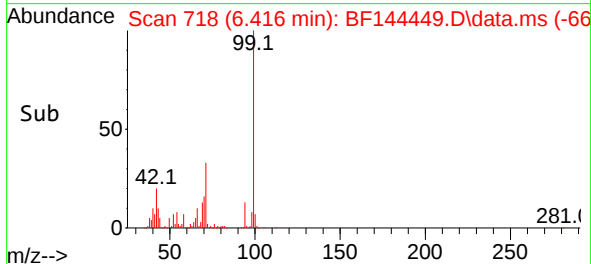
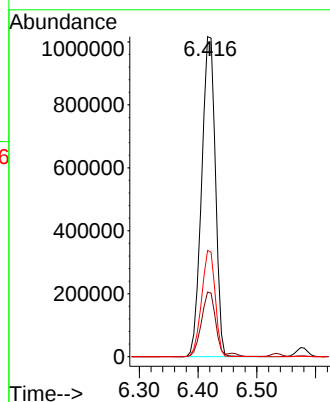
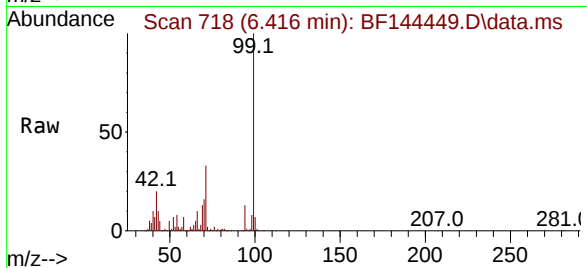
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 1652646

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.7	23.5
71	33.2	26.4	39.6



#8

2-Chlorophenol

Concen: 50.286 ng

RT: 6.575 min Scan# 745

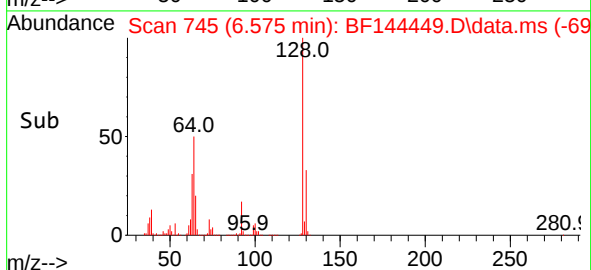
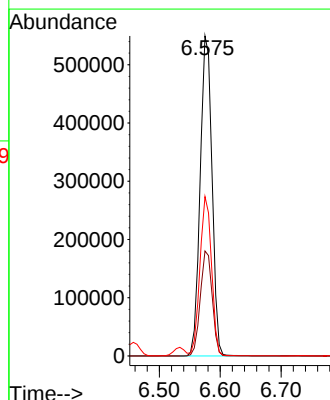
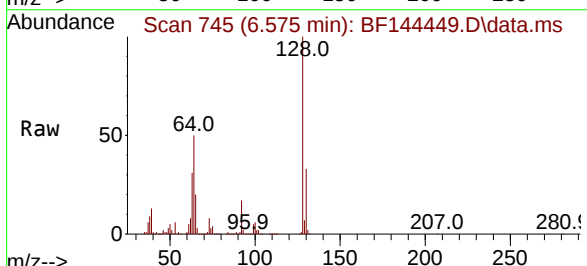
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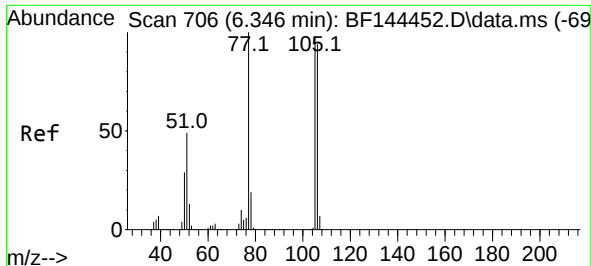
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Tgt Ion: 128 Resp: 740117

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	49.8	28.9	68.9

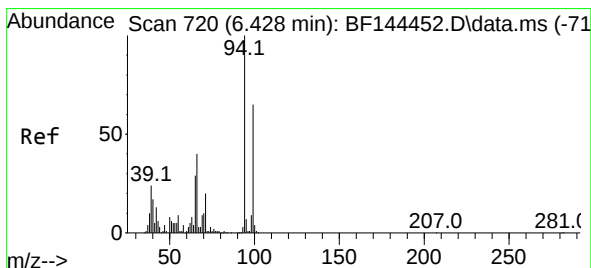
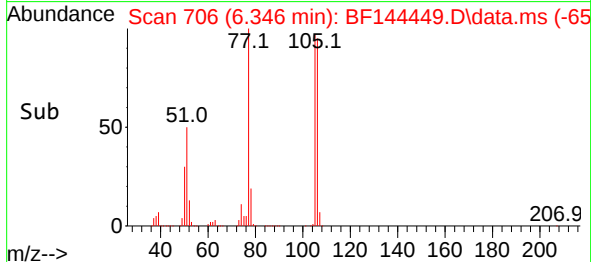
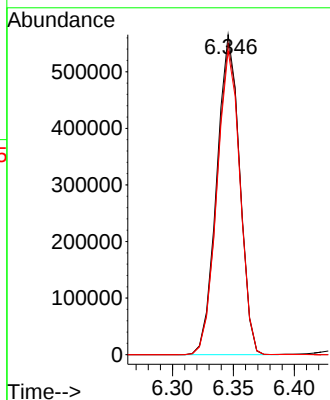
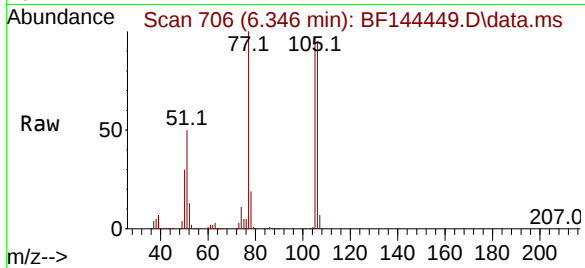




#9
Benzaldehyde
Concen: 55.247 ng
RT: 6.346 min Scan# 706
Delta R.T. 0.000 min
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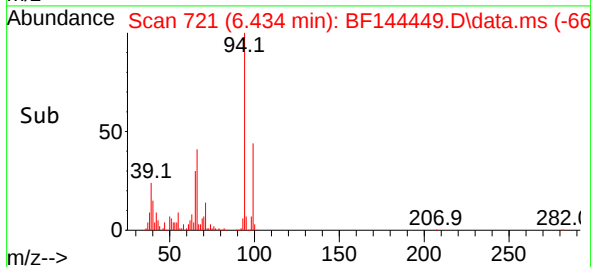
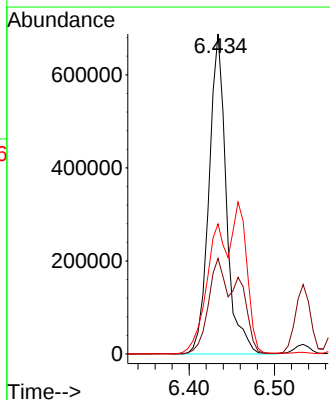
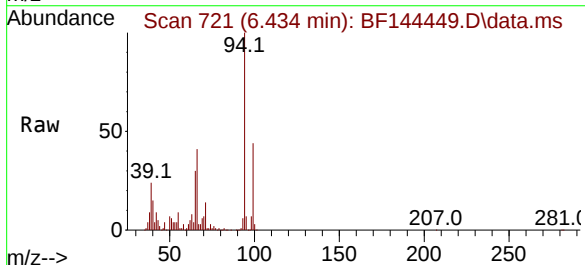
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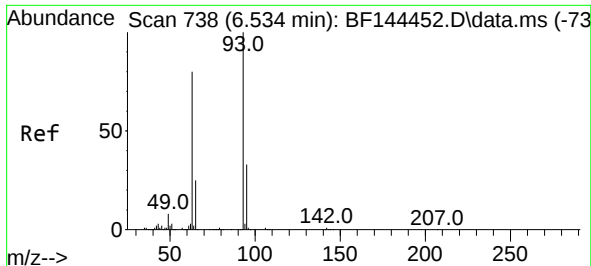
Tgt Ion: 77 Resp: 740586
Ion Ratio Lower Upper
77 100
105 97.3 77.0 117.0
106 94.9 74.1 114.1



#10
Phenol
Concen: 48.180 ng
RT: 6.434 min Scan# 721
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 94 Resp: 973694
Ion Ratio Lower Upper
94 100
65 29.8 9.1 49.1
66 40.6 20.3 60.3





#11

bis(2-Chloroethyl)ether

Concen: 47.882 ng

RT: 6.534 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

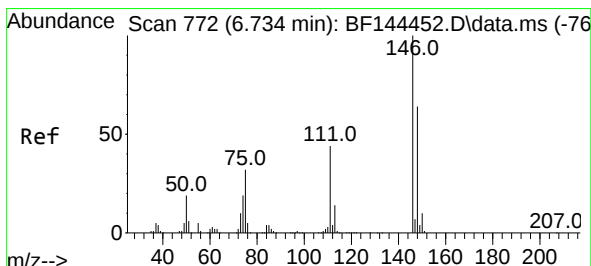
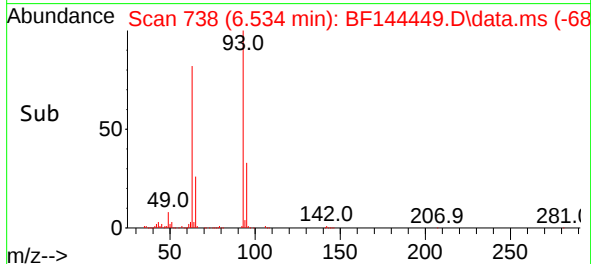
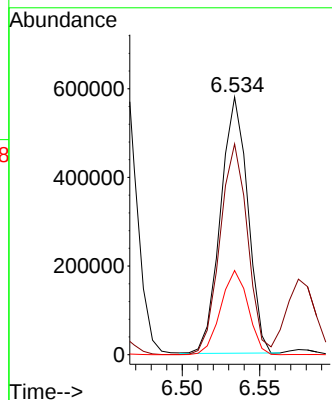
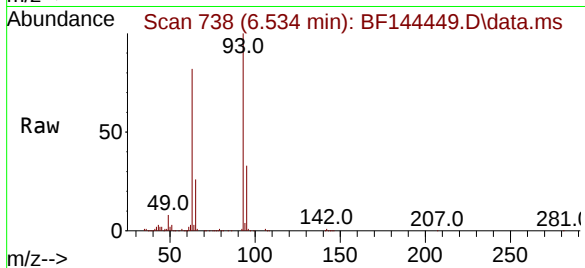
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 707292

Ion	Ratio	Lower	Upper
93	100		
63	81.8	59.8	99.8
95	32.7	13.0	53.0



#12

1,3-Dichlorobenzene

Concen: 47.905 ng

RT: 6.740 min Scan# 773

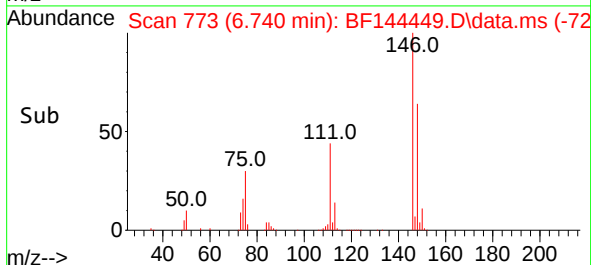
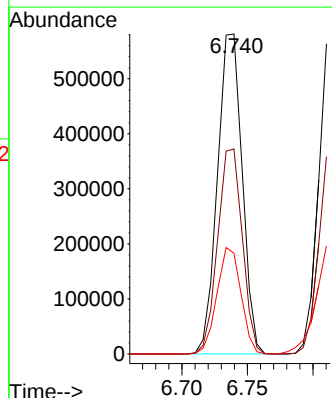
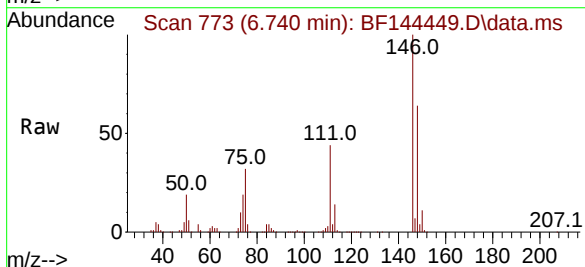
Delta R.T. 0.006 min

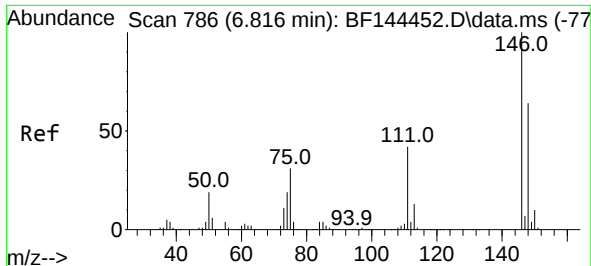
Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Tgt Ion: 146 Resp: 761788

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
75	31.5	25.8	38.8

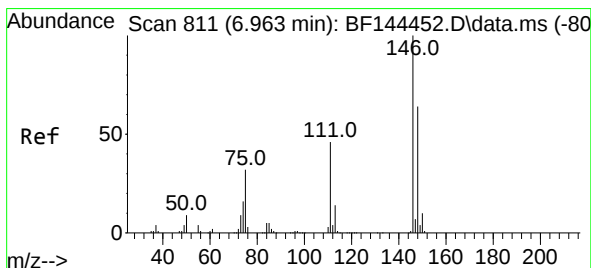
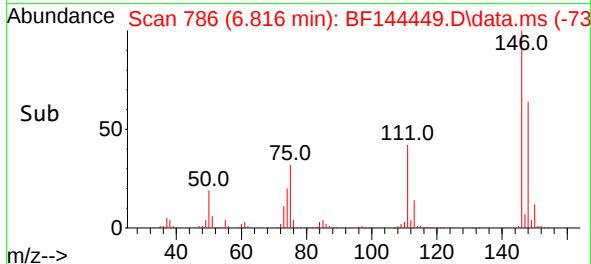
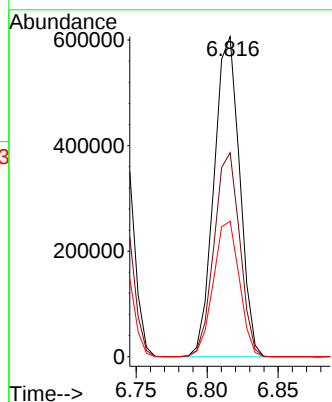
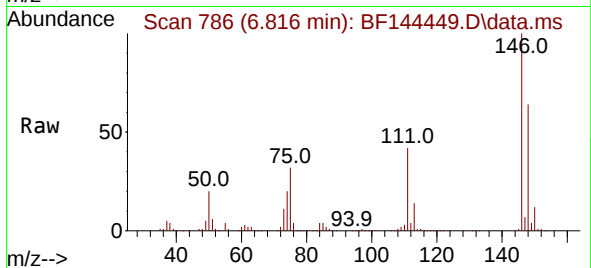




#13
1,4-Dichlorobenzene
Concen: 47.730 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

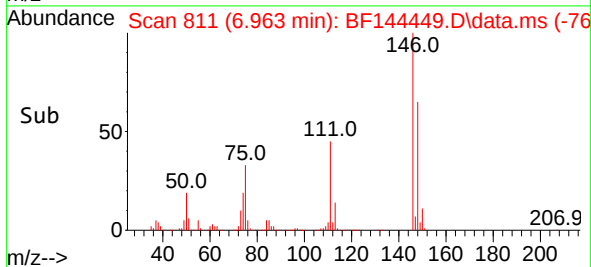
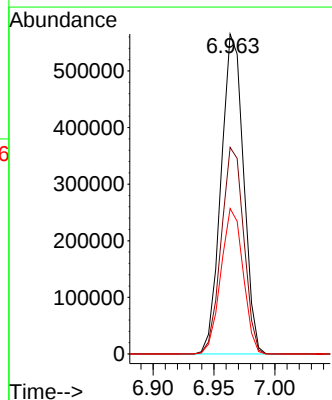
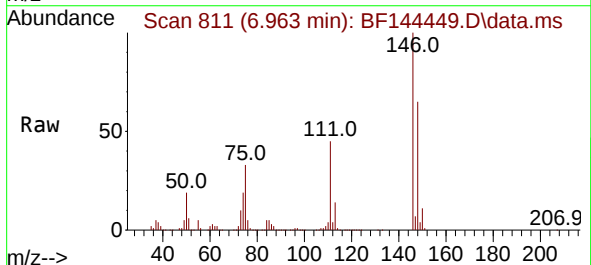
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

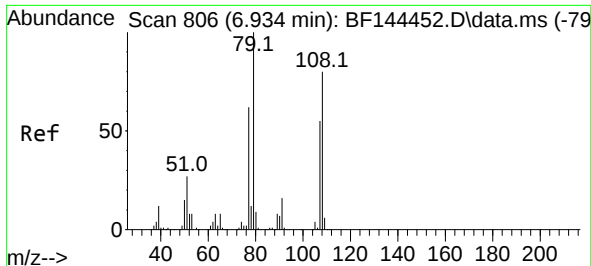
Tgt Ion:146 Resp: 761554
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 42.4 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 47.857 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:146 Resp: 725134
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 45.4 36.5 54.7

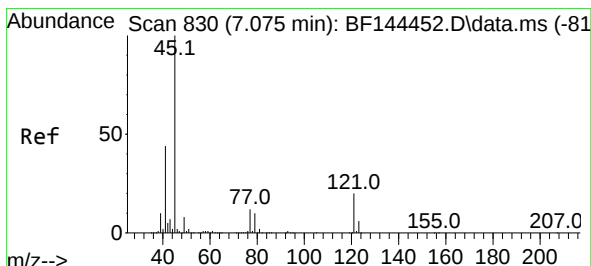
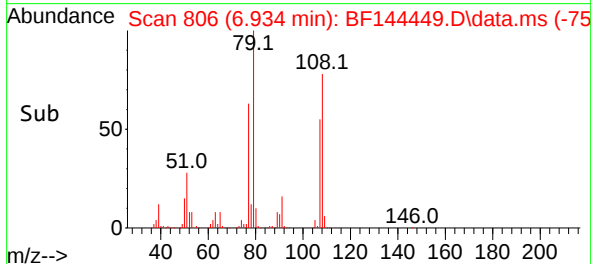
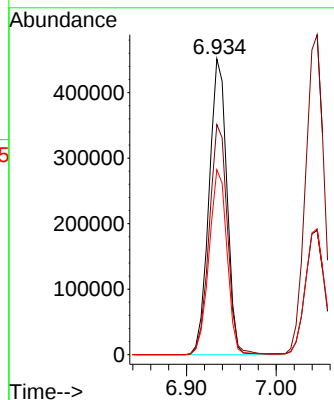
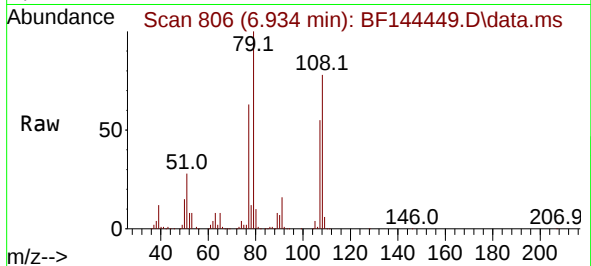




#15
Benzyl Alcohol
Concen: 49.443 ng
RT: 6.934 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

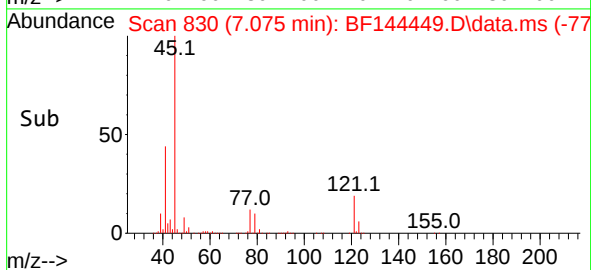
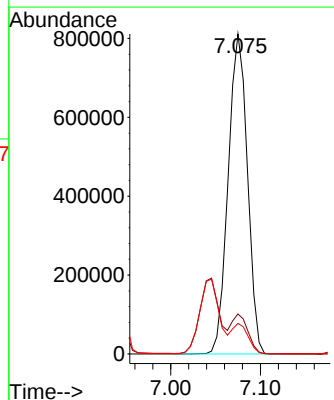
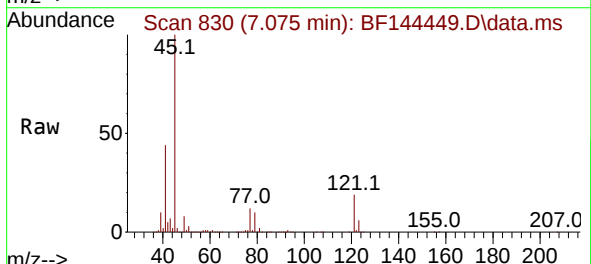
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

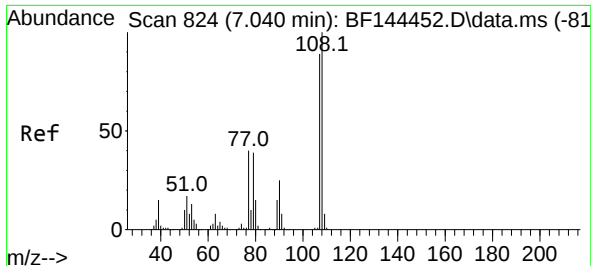
Tgt Ion: 79 Resp: 624024
Ion Ratio Lower Upper
79 100
108 77.8 63.7 95.5
77 62.5 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.296 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 45 Resp: 1203951
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.6
79 9.6 0.0 29.9





#17

2-Methylphenol

Concen: 49.014 ng

RT: 7.045 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 608108

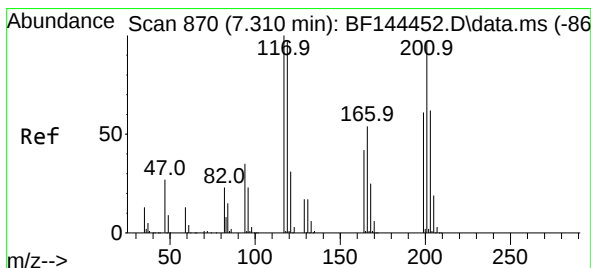
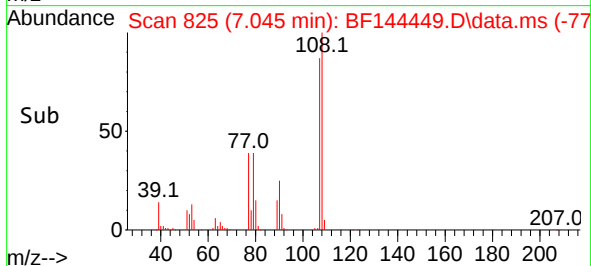
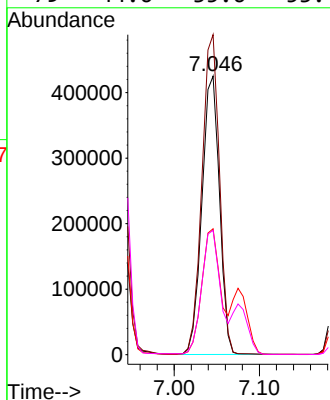
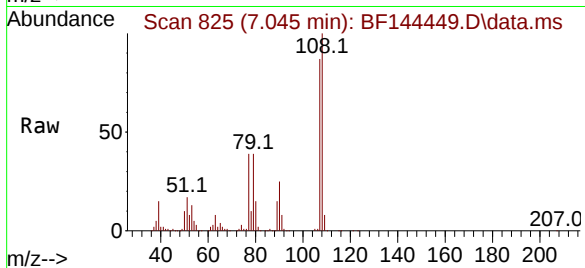
Ion Ratio Lower Upper

107 100

108 114.9 89.9 134.9

77 45.2 35.7 53.5

79 44.6 35.6 53.4



#18

Hexachloroethane

Concen: 49.921 ng

RT: 7.310 min Scan# 870

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

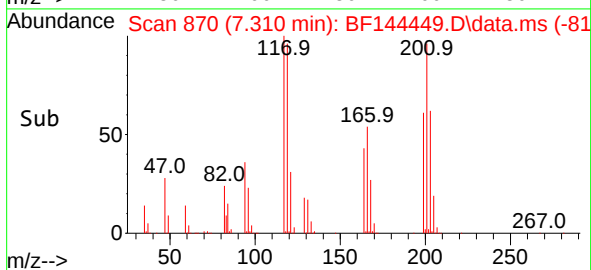
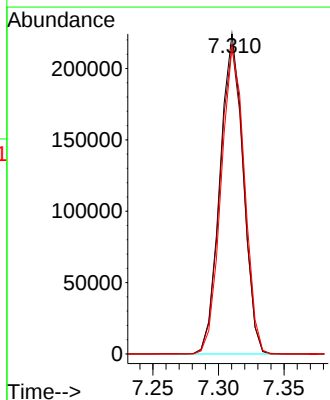
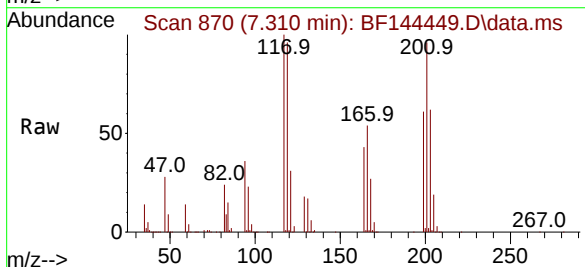
Tgt Ion:117 Resp: 276754

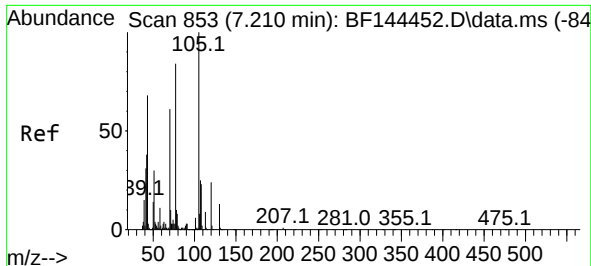
Ion Ratio Lower Upper

117 100

119 96.5 77.5 116.3

201 95.9 77.3 115.9

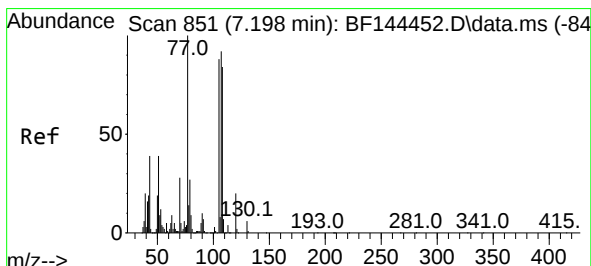
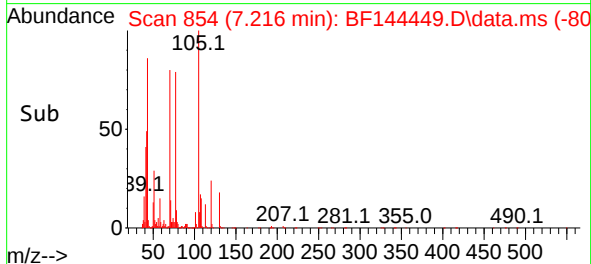
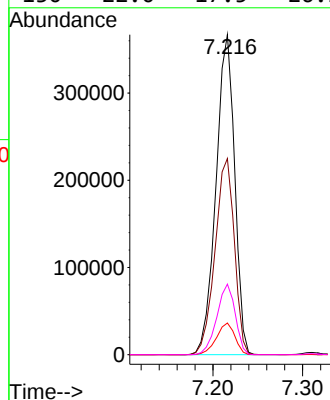
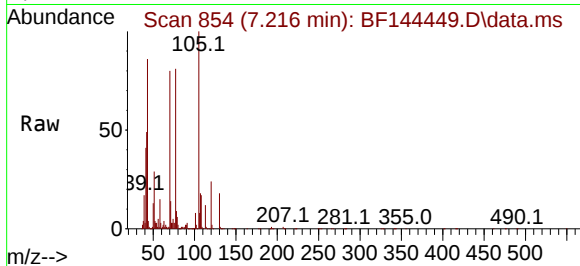




#19
n-Nitroso-di-n-propylamine
Concen: 49.082 ng
RT: 7.216 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

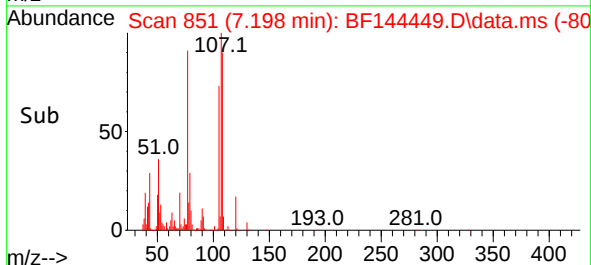
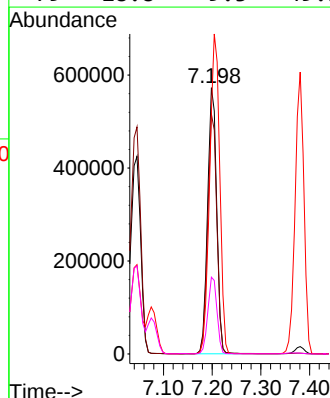
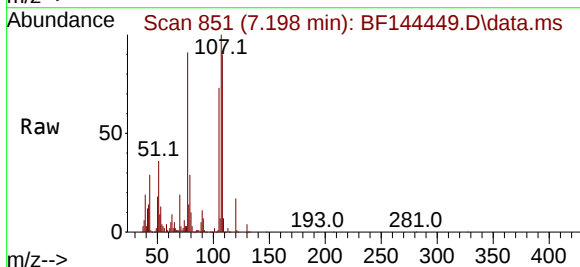
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

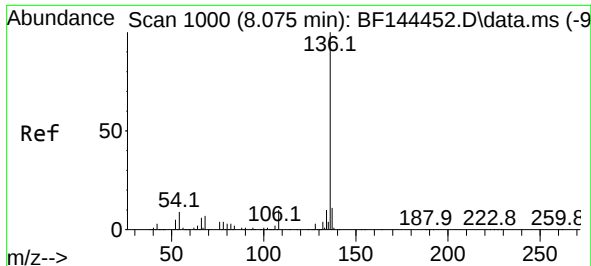
Tgt Ion: 70 Resp: 530885
Ion Ratio Lower Upper
70 100
42 61.3 49.4 74.0
101 9.9 7.8 11.6
130 22.0 17.5 26.3



#20
3+4-Methylphenols
Concen: 48.484 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:107 Resp: 739102
Ion Ratio Lower Upper
107 100
108 90.0 71.5 111.5
77 90.9 88.5 128.5
79 28.8 9.3 49.3



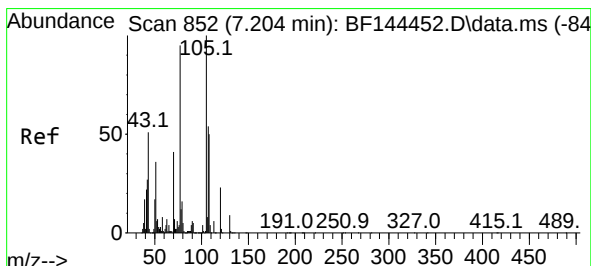
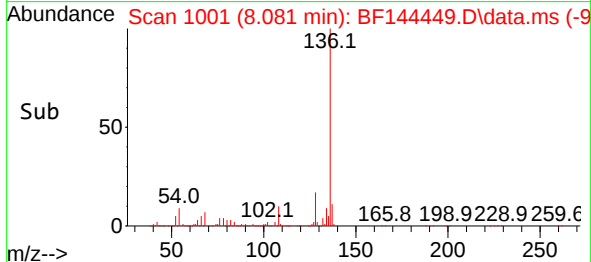
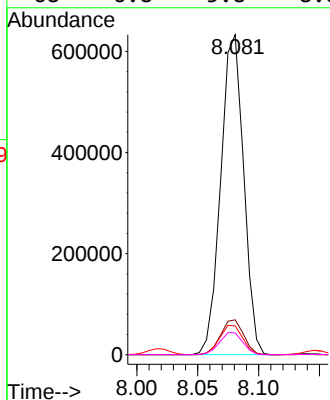
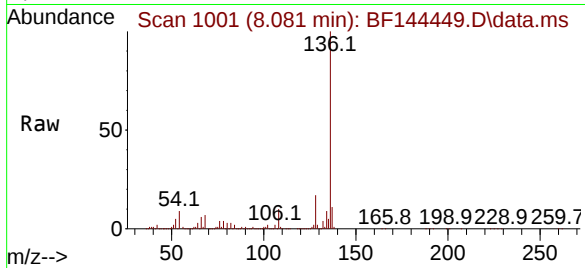


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 830443

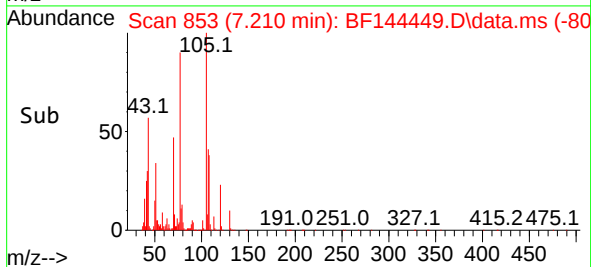
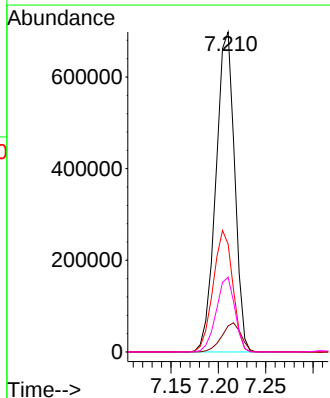
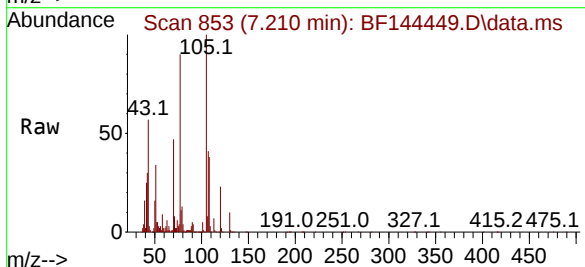
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.0	7.5	11.3
68	6.8	5.8	8.8

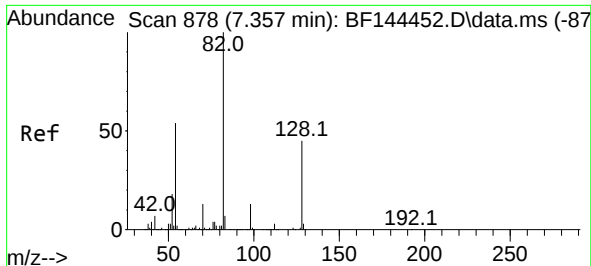


#22
Acetophenone
Concen: 46.688 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:105 Resp: 961696

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.6	8.4
51	33.7	28.6	42.8
120	23.3	18.6	27.8

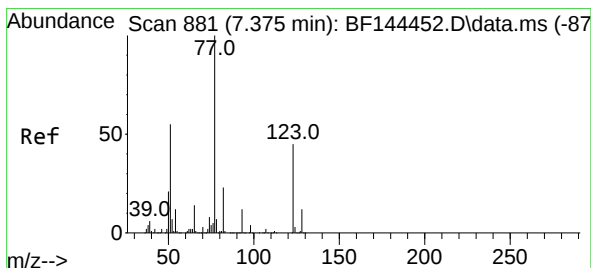
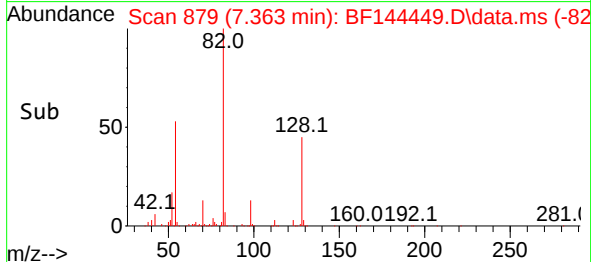
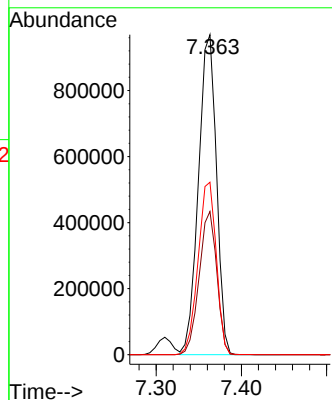
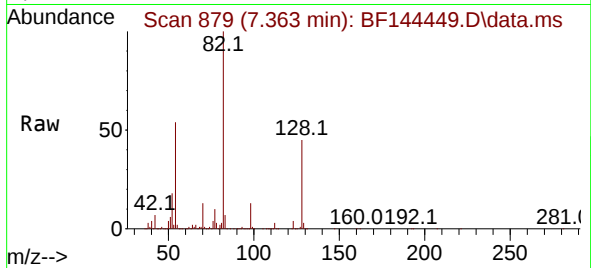




#23
Nitrobenzene-d5
Concen: 106.958 ng
RT: 7.363 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

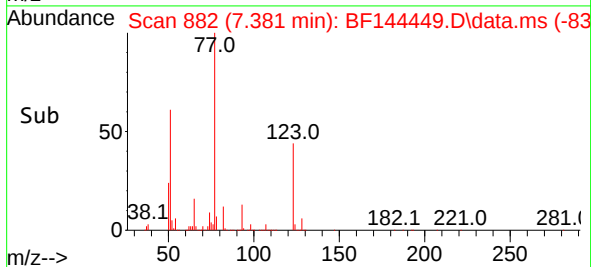
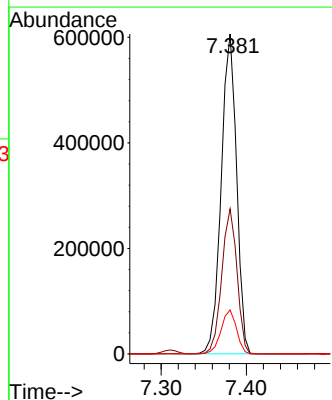
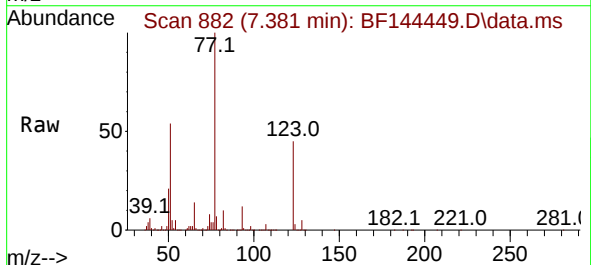
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

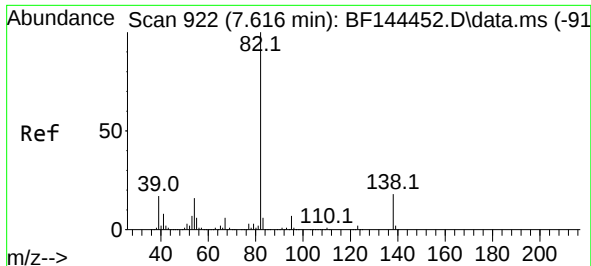
Tgt Ion: 82 Resp: 1419386
Ion Ratio Lower Upper
82 100
128 44.7 35.5 53.3
54 53.9 43.3 64.9



#24
Nitrobenzene
Concen: 52.633 ng
RT: 7.381 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 77 Resp: 757725
Ion Ratio Lower Upper
77 100
123 45.4 36.2 54.2
65 13.8 11.0 16.6

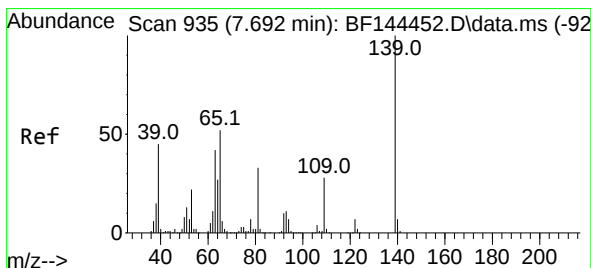
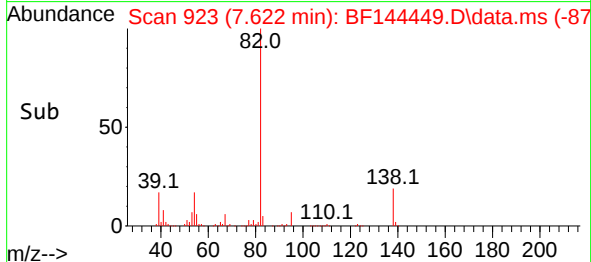
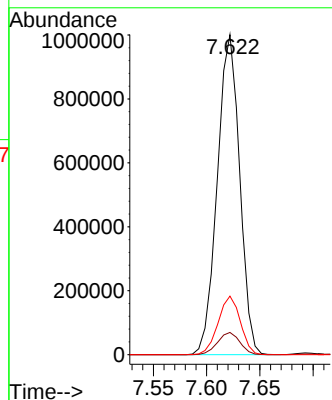
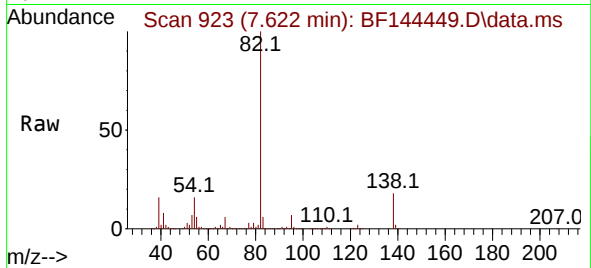




#25
Isophorone
Concen: 48.755 ng
RT: 7.622 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

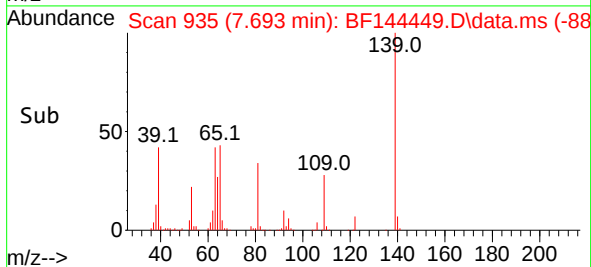
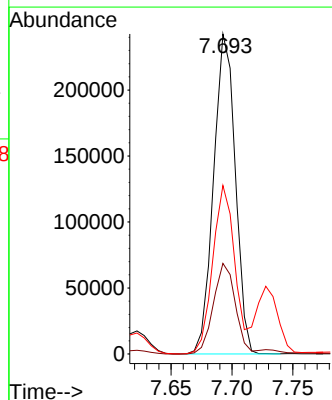
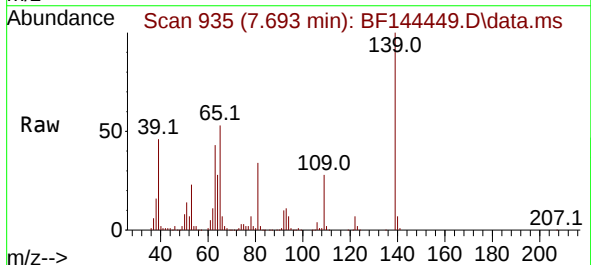
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

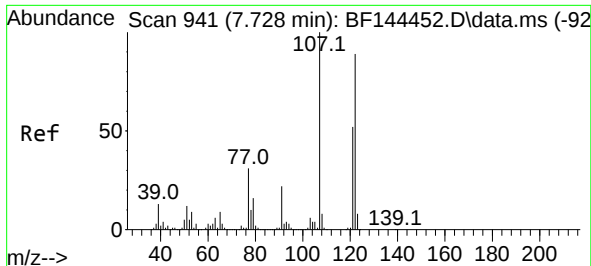
Tgt Ion: 82 Resp: 1460189
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 18.3 14.4 21.6



#26
2-Nitrophenol
Concen: 47.943 ng
RT: 7.693 min Scan# 935
Delta R.T. 0.001 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:139 Resp: 300557
Ion Ratio Lower Upper
139 100
109 28.3 22.1 33.1
65 52.6 41.5 62.3





#27

2,4-Dimethylphenol

Concen: 48.902 ng

RT: 7.728 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

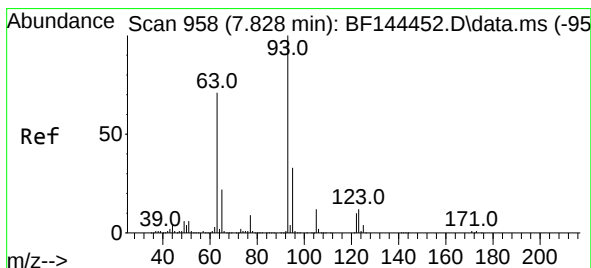
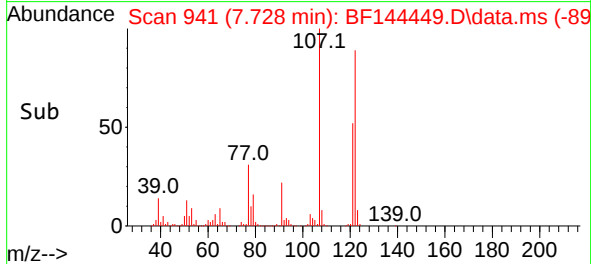
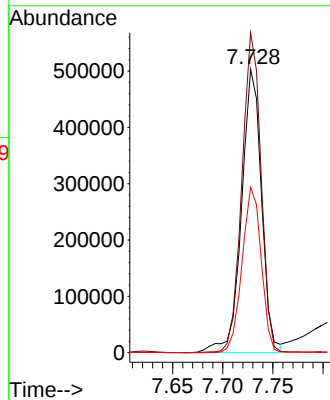
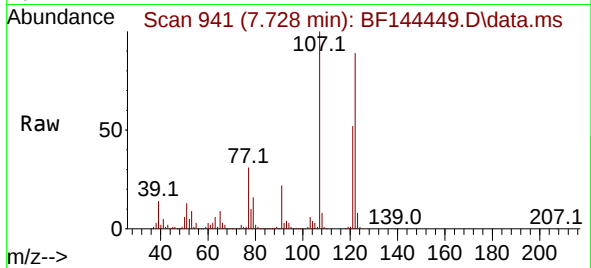
Tgt Ion:122 Resp: 698821

Ion Ratio Lower Upper

122 100

107 112.9 90.0 135.0

121 58.5 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 47.507 ng

RT: 7.834 min Scan# 959

Delta R.T. 0.006 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

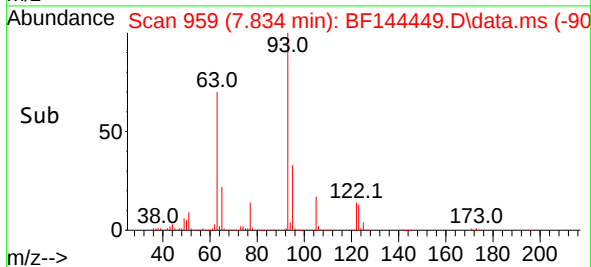
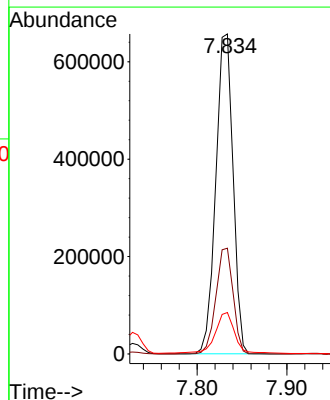
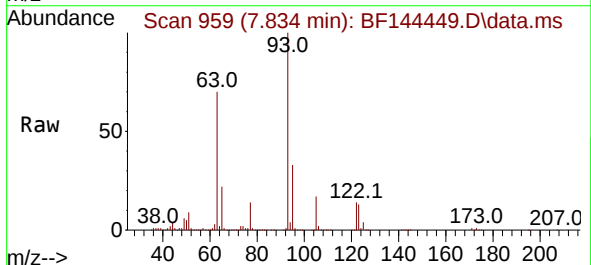
Tgt Ion: 93 Resp: 876731

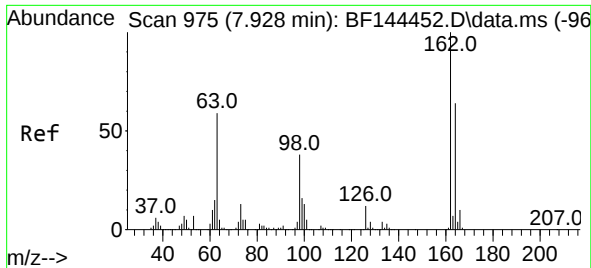
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 50.278 ng

RT: 7.928 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

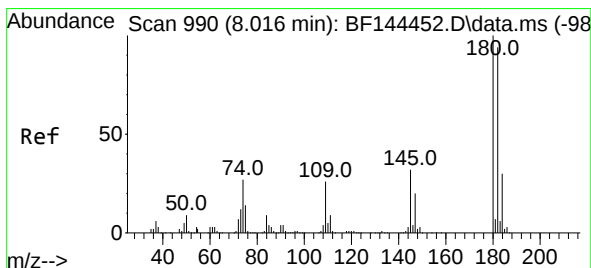
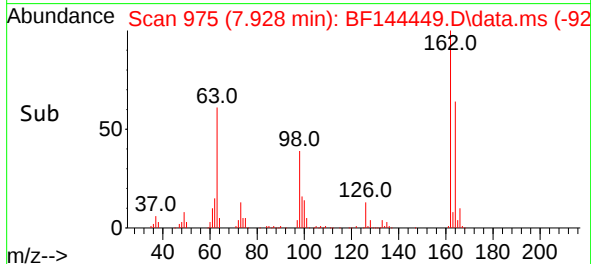
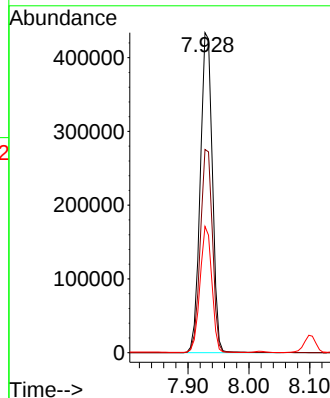
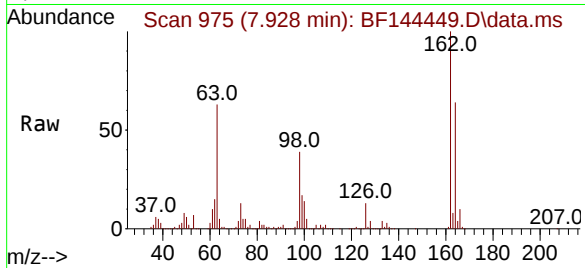
Tgt Ion:162 Resp: 596996

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

98 39.5 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 47.619 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

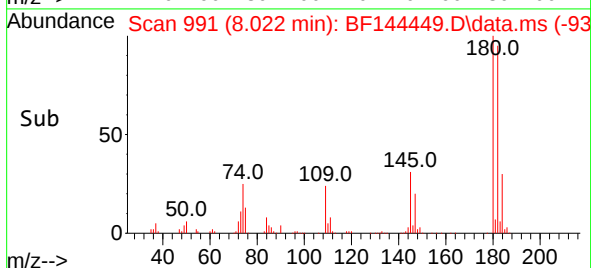
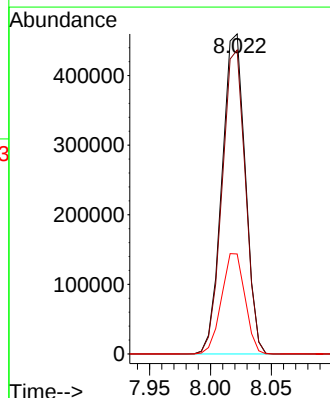
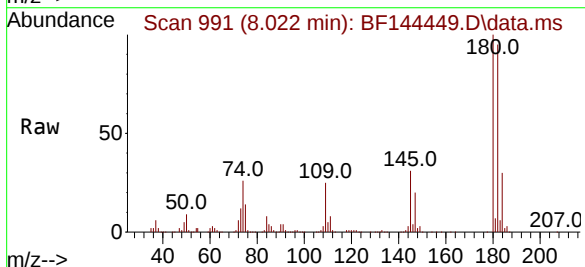
Tgt Ion:180 Resp: 613259

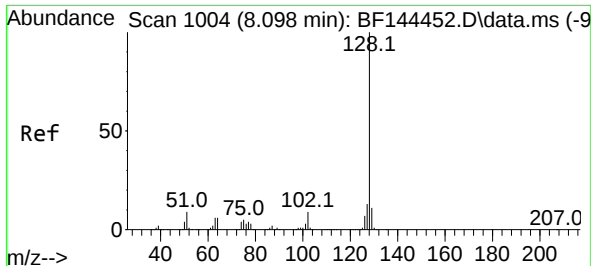
Ion Ratio Lower Upper

180 100

182 95.0 75.2 112.8

145 31.2 25.3 37.9

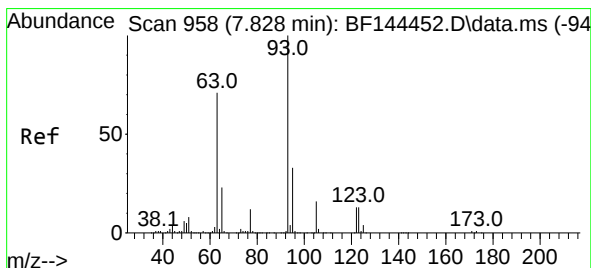
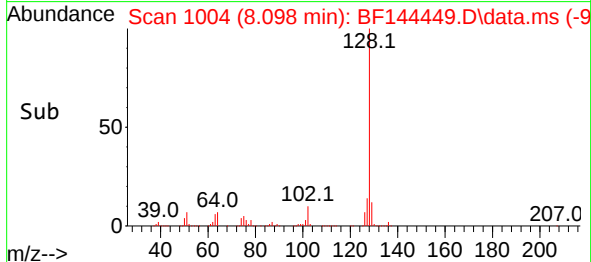
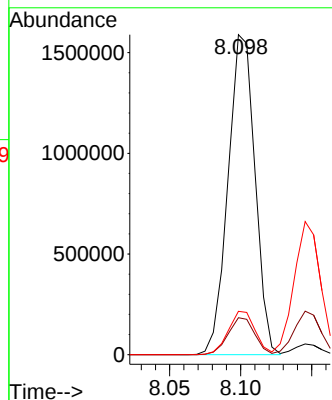
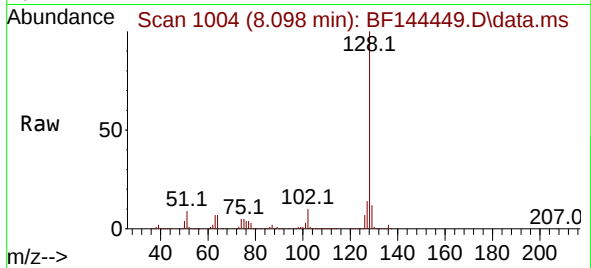




#31
Naphthalene
Concen: 46.941 ng
RT: 8.098 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

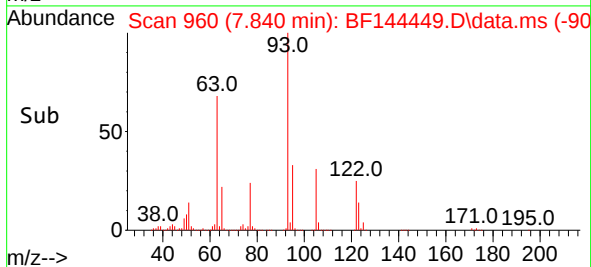
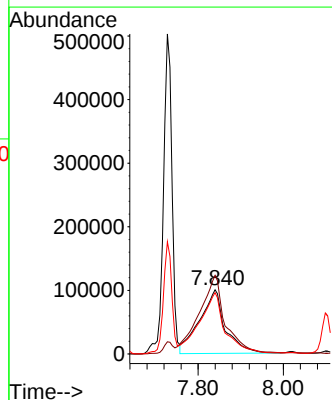
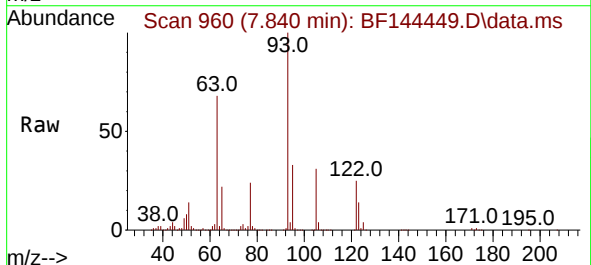
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

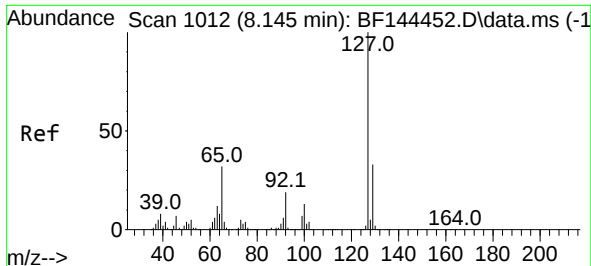
Tgt Ion:128 Resp: 2098015
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 48.238 ng
RT: 7.840 min Scan# 960
Delta R.T. 0.012 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:122 Resp: 417479
Ion Ratio Lower Upper
122 100
105 122.6 103.2 143.2
77 95.5 75.1 115.1

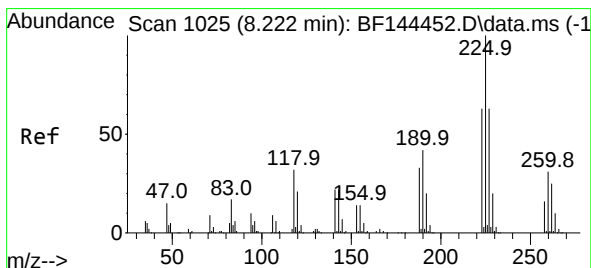
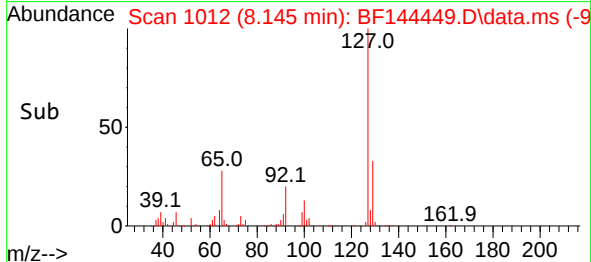
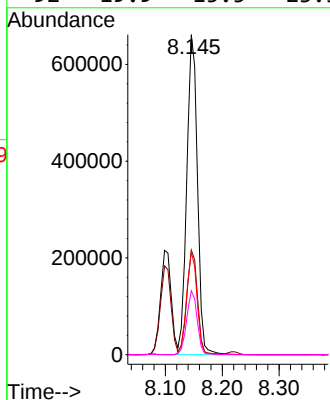
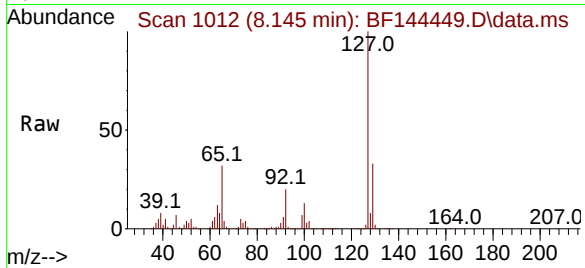




#33
4-Chloroaniline
Concen: 47.793 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

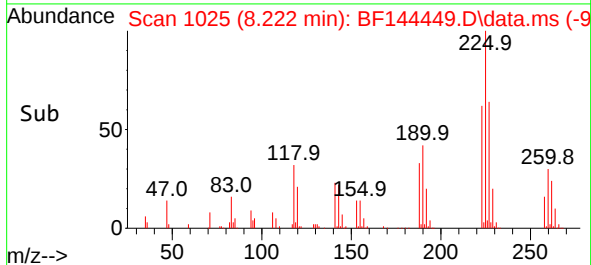
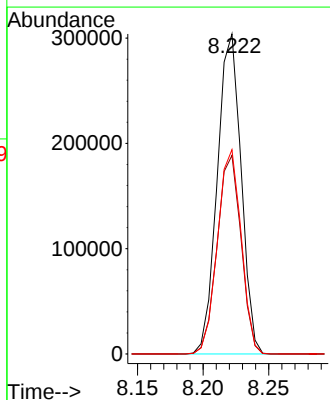
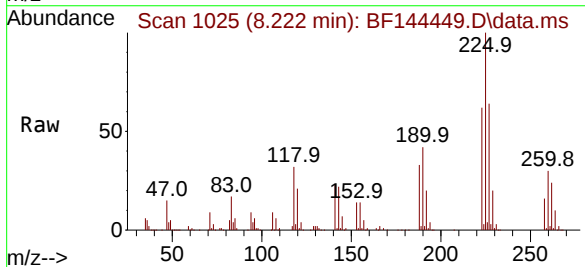
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

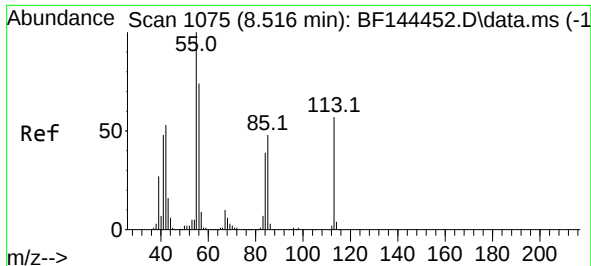
Tgt Ion:	127	Resp:	858601
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.2	39.4
65	32.2	25.8	38.8
92	19.9	15.5	23.3



#34
Hexachlorobutadiene
Concen: 48.230 ng
RT: 8.222 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:	225	Resp:	384053
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.1	75.1
227	63.9	50.3	75.5

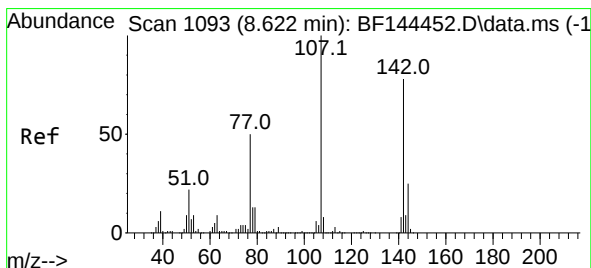
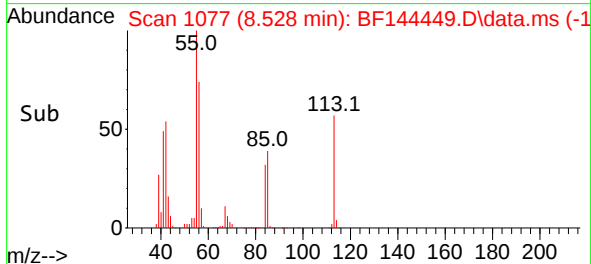
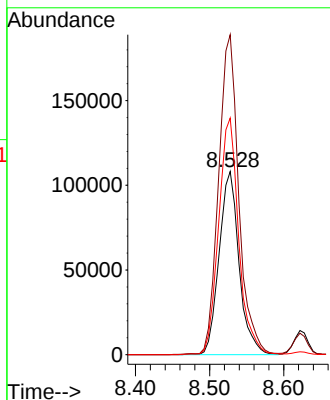
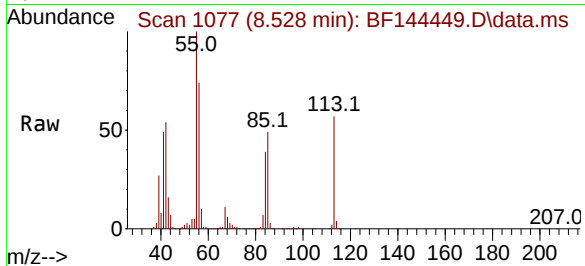




#35
 Caprolactam
 Concen: 51.594 ng
 RT: 8.528 min Scan# 1077
 Delta R.T. 0.012 min
 Lab File: BF144449.D
 Acq: 12 Dec 2025 13:53

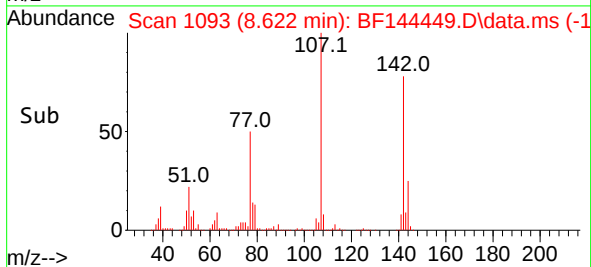
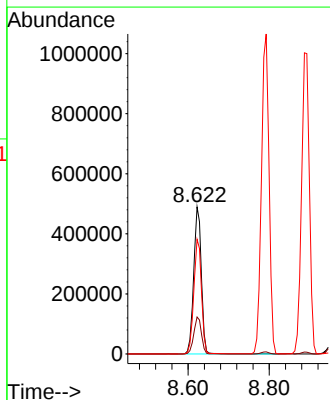
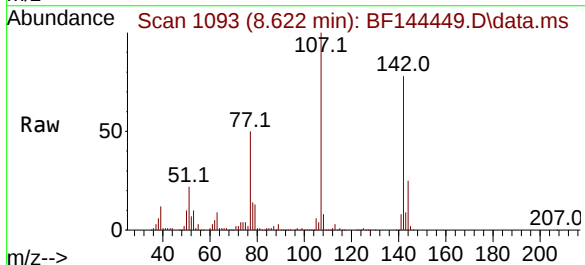
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

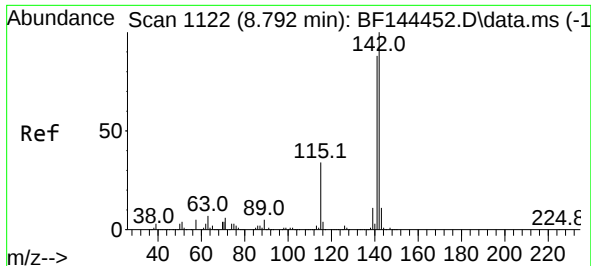
Tgt Ion:113 Resp: 202300
 Ion Ratio Lower Upper
 113 100
 55 174.6 154.5 194.5
 56 129.1 109.8 149.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.974 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF144449.D
 Acq: 12 Dec 2025 13:53

Tgt Ion:107 Resp: 644157
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.4 30.6
 142 77.9 62.4 93.6





#37

2-Methylnaphthalene

Concen: 46.928 ng

RT: 8.792 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

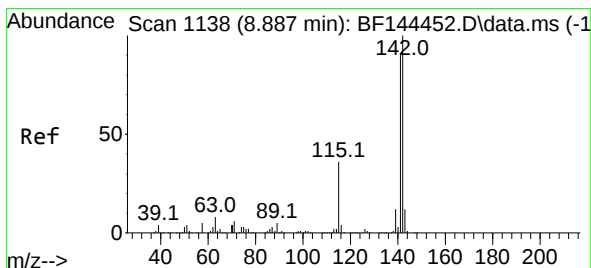
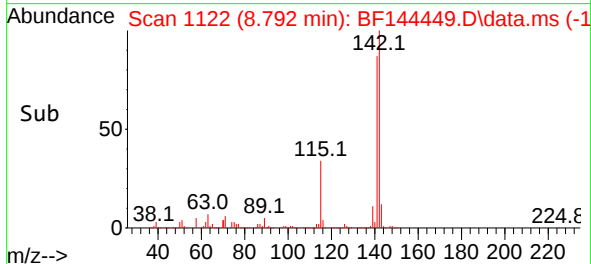
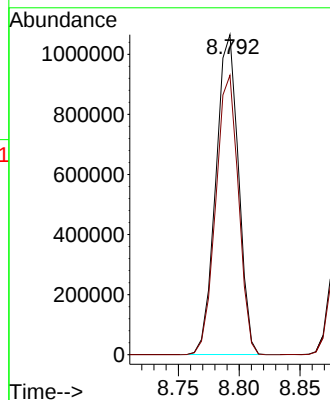
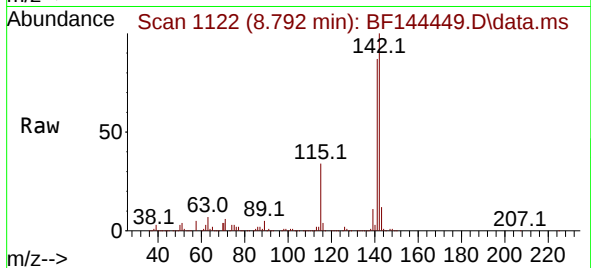
SSTDICC050

Tgt Ion:142 Resp: 1379986

Ion Ratio Lower Upper

142 100

141 87.3 70.0 105.0



#38

1-Methylnaphthalene

Concen: 46.737 ng

RT: 8.887 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF144449.D

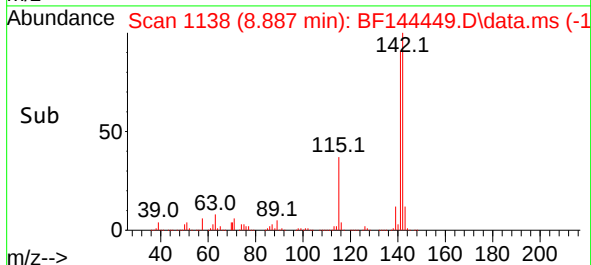
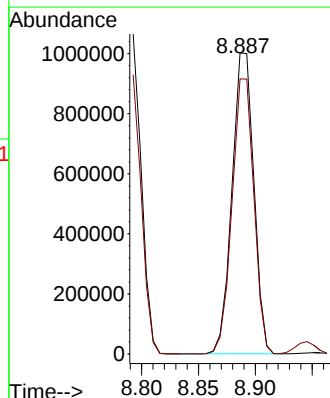
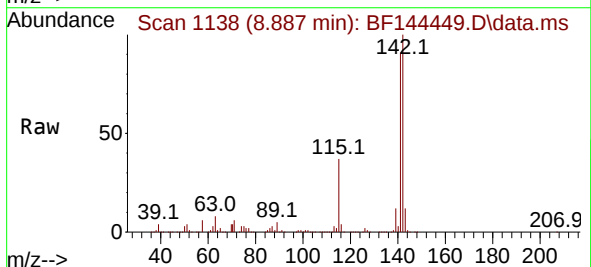
Acq: 12 Dec 2025 13:53

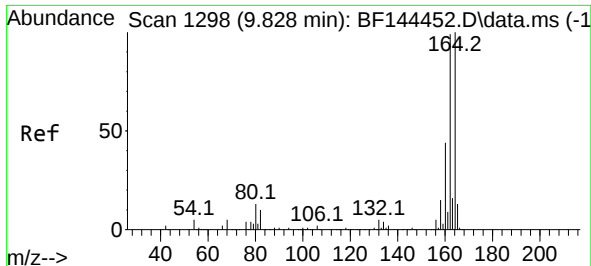
Tgt Ion:142 Resp: 1338255

Ion Ratio Lower Upper

142 100

141 91.3 72.6 109.0

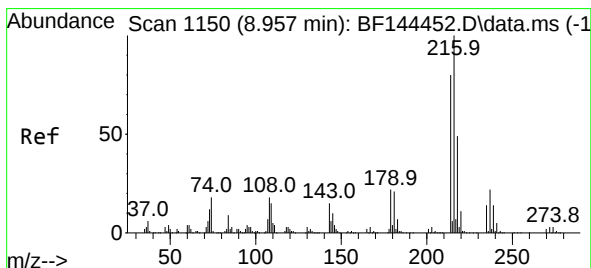
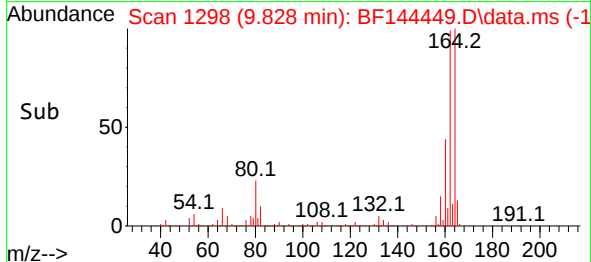
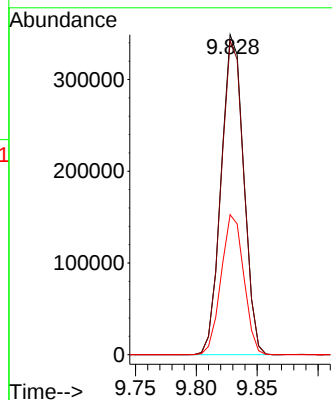
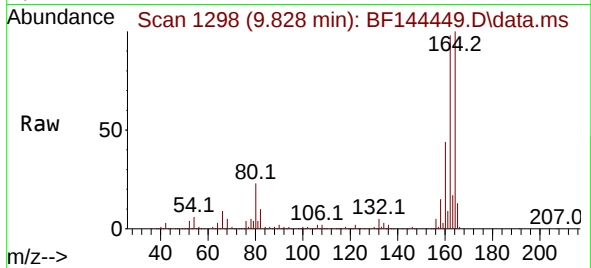




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

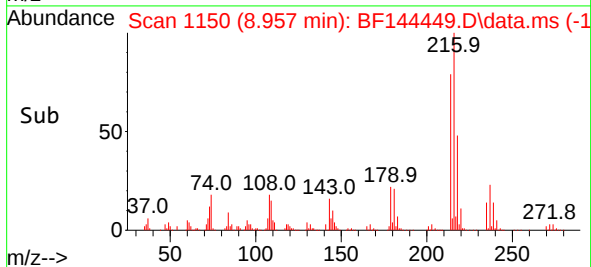
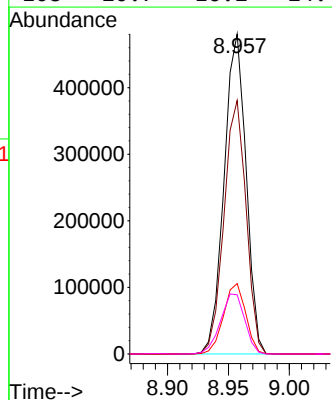
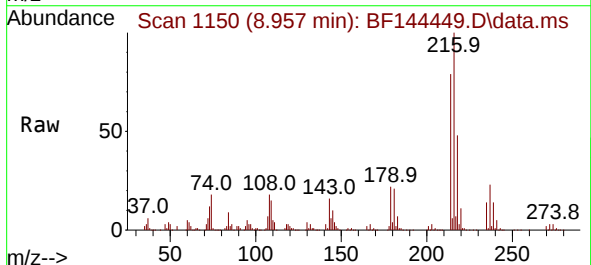
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

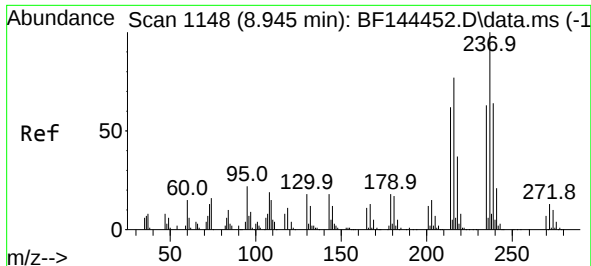
Tgt Ion:164 Resp: 450235
Ion Ratio Lower Upper
164 100
162 98.1 79.2 118.8
160 43.7 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.232 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:216 Resp: 605211
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.6
179 22.1 17.7 26.5
108 20.7 16.2 24.4

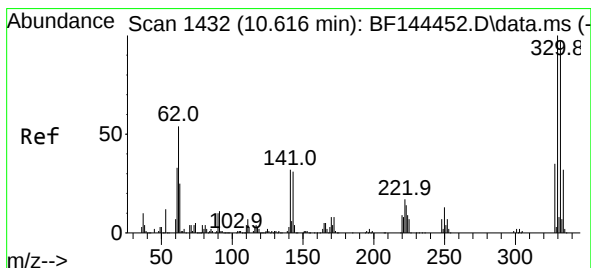
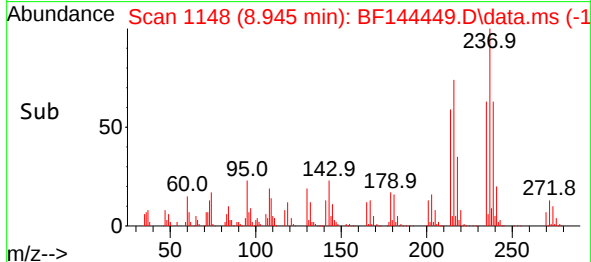
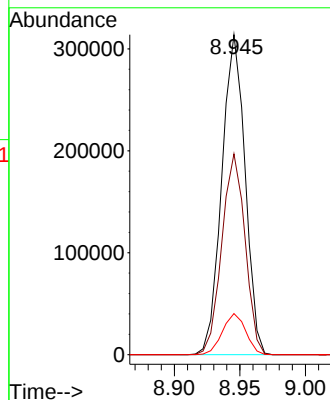
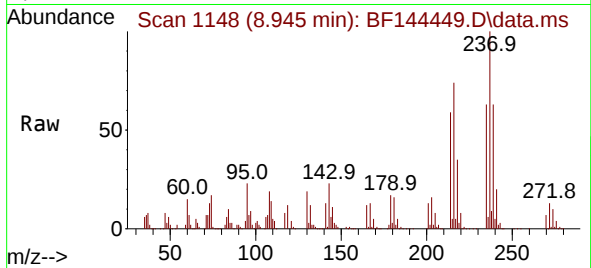




#41
Hexachlorocyclopentadiene
Concen: 50.988 ng
RT: 8.945 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

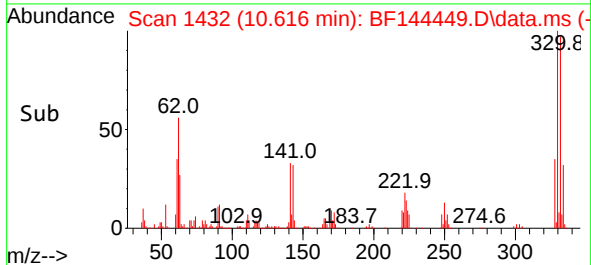
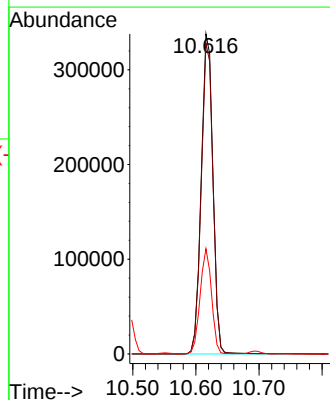
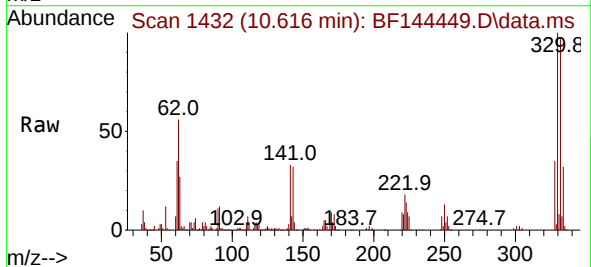
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

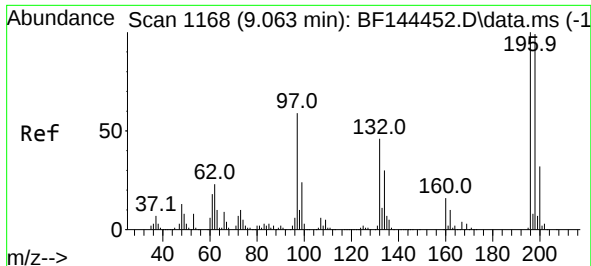
Tgt Ion:237 Resp: 386661
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 12.9 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 107.048 ng
RT: 10.616 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:330 Resp: 435745
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 32.2 26.2 39.2

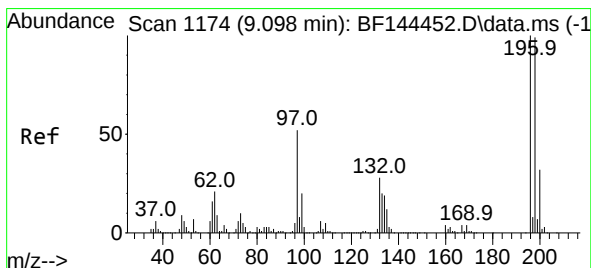
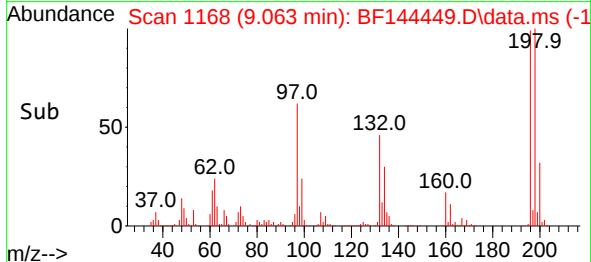
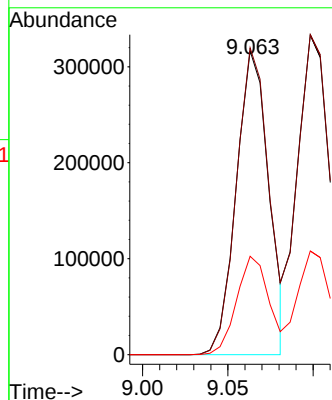
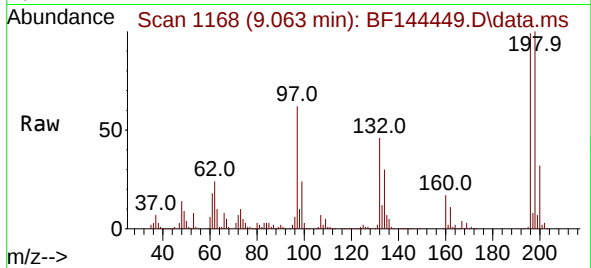




#43
2,4,6-Trichlorophenol
Concen: 51.638 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

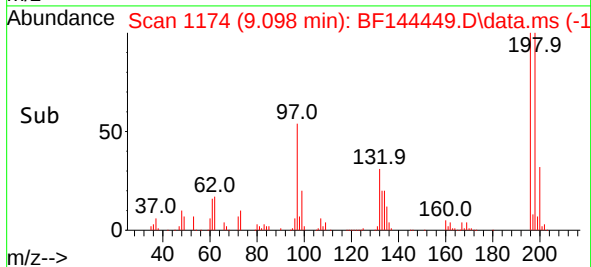
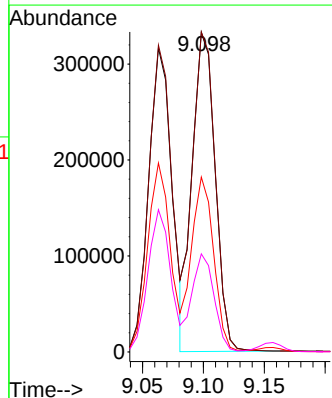
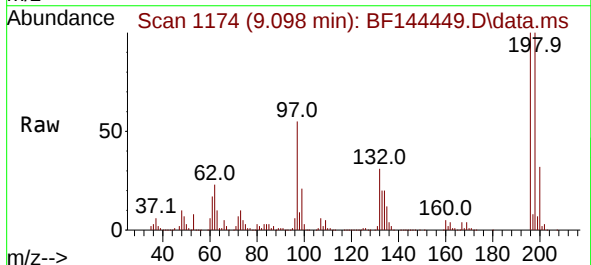
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

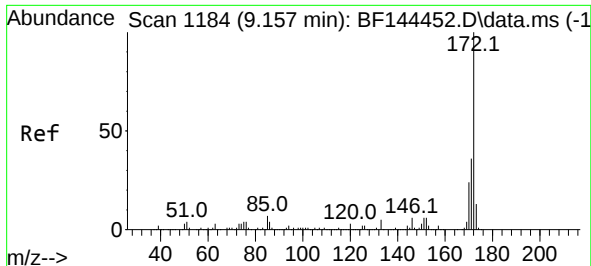
Tgt Ion:196 Resp: 420182
Ion Ratio Lower Upper
196 100
198 101.0 79.0 118.4
200 32.4 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 51.059 ng
RT: 9.098 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:196 Resp: 436065
Ion Ratio Lower Upper
196 100
198 100.1 79.5 119.3
97 54.7 42.2 63.2
132 30.7 24.0 36.0

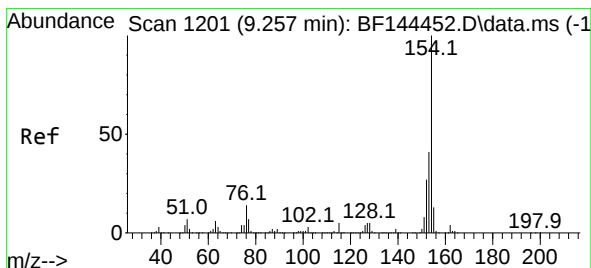
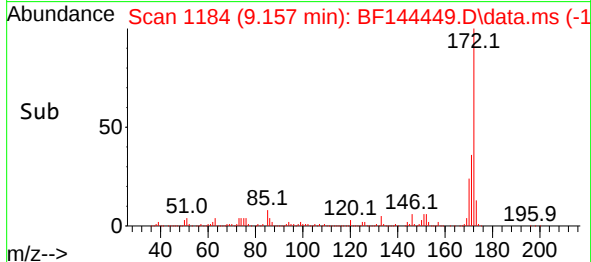
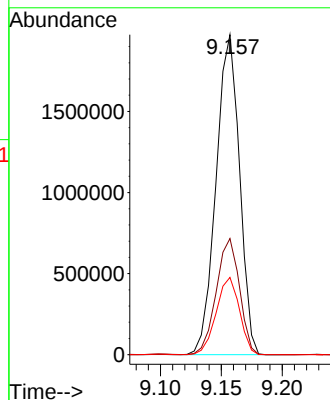
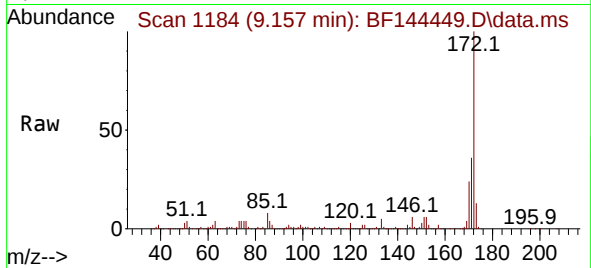




#45
2-Fluorobiphenyl
Concen: 90.116 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

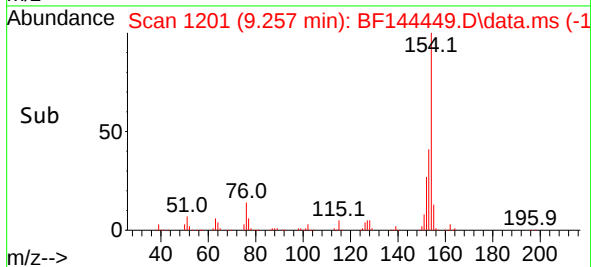
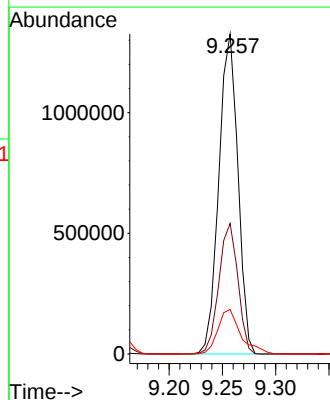
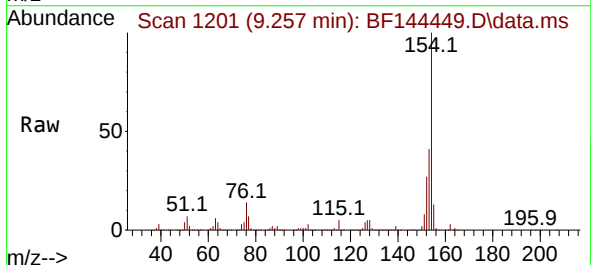
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

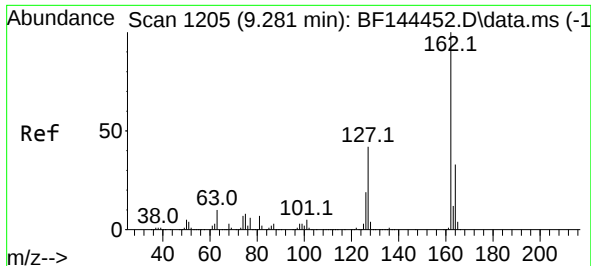
Tgt Ion:172 Resp: 2644801
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.2 19.3 28.9



#46
1,1'-Biphenyl
Concen: 46.792 ng
RT: 9.257 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:154 Resp: 1646402
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 13.9 0.0 33.8

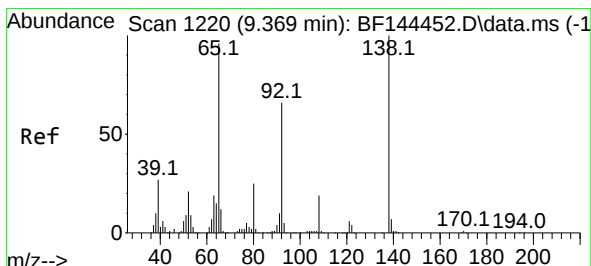
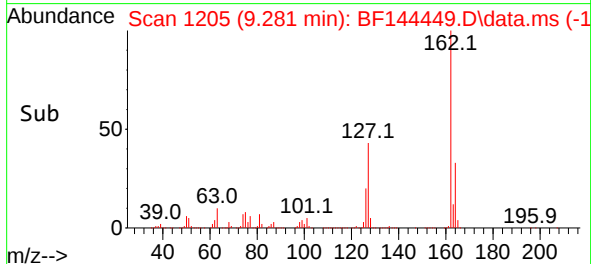
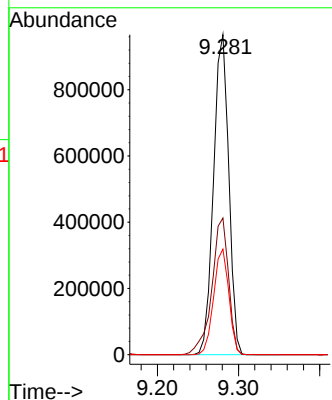
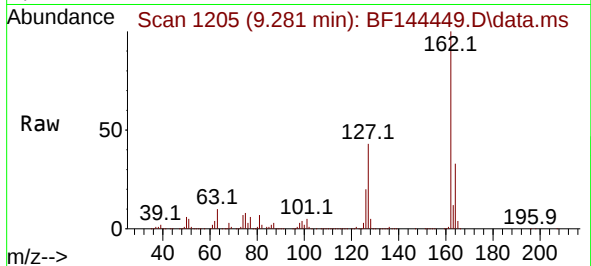




#47
2-Chloronaphthalene
Concen: 46.807 ng
RT: 9.281 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

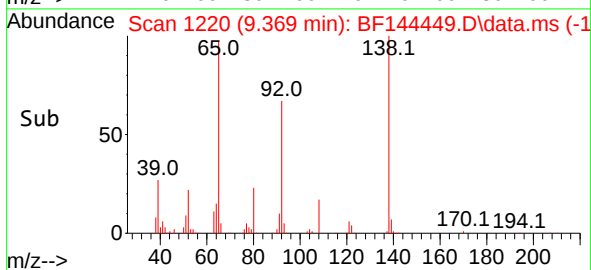
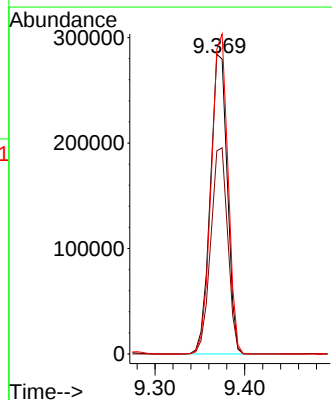
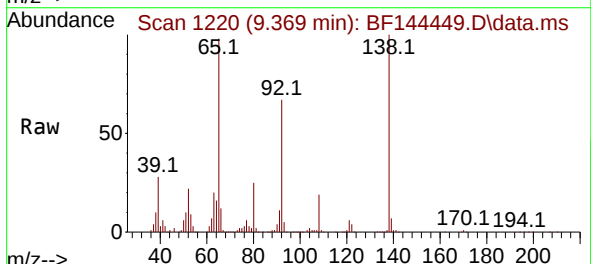
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

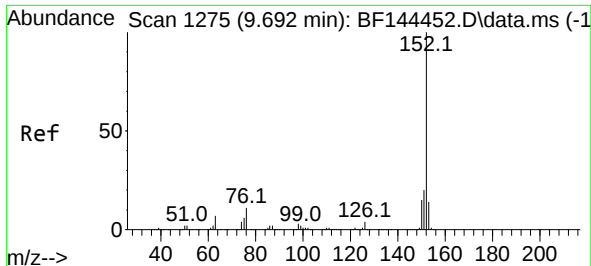
Tgt Ion:162 Resp: 1257262
Ion Ratio Lower Upper
162 100
127 42.7 33.6 50.4
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 48.657 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 65 Resp: 375288
Ion Ratio Lower Upper
65 100
92 67.8 55.0 82.4
138 101.8 83.4 125.2

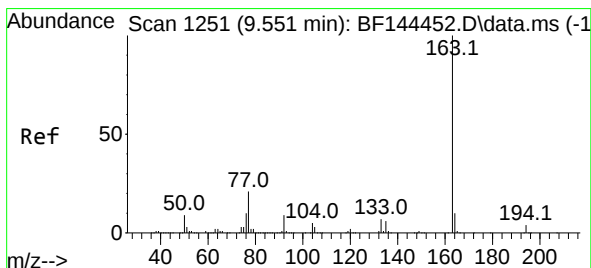
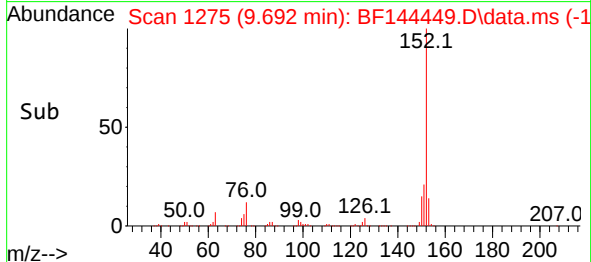
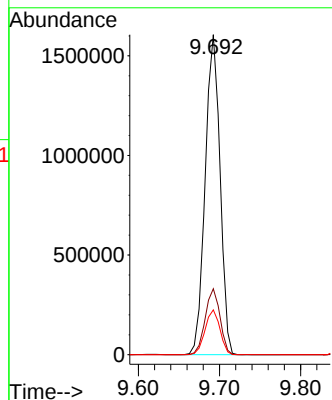
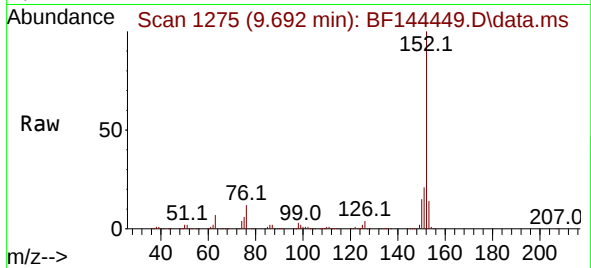




#49
Acenaphthylene
Concen: 47.859 ng
RT: 9.692 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

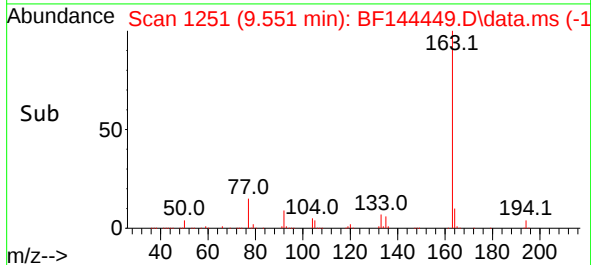
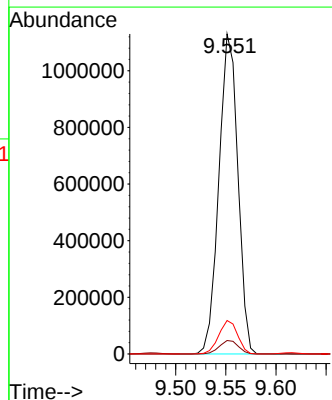
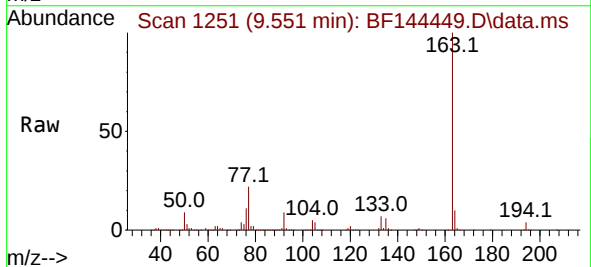
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

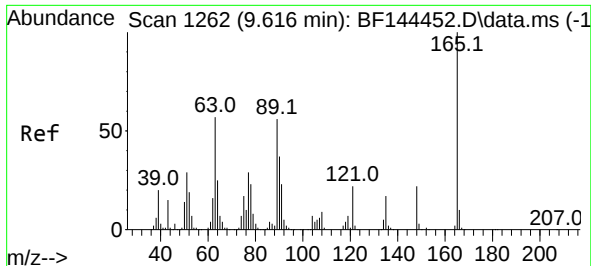
Tgt Ion:152 Resp: 2036740
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 14.0 11.4 17.0



#50
Dimethylphthalate
Concen: 48.810 ng
RT: 9.551 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:163 Resp: 1484426
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.3 12.5

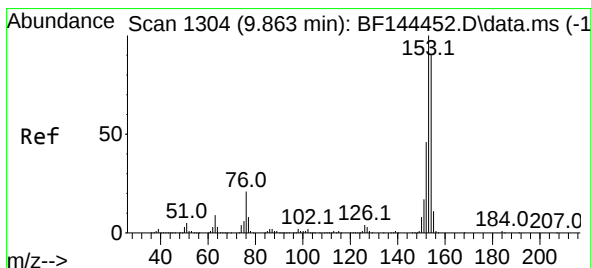
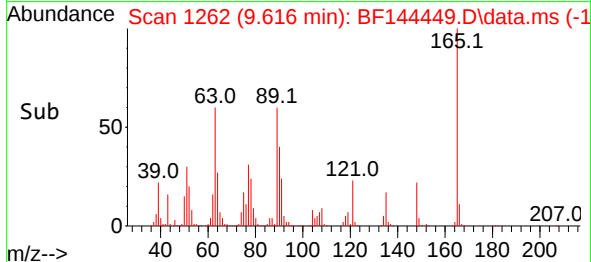
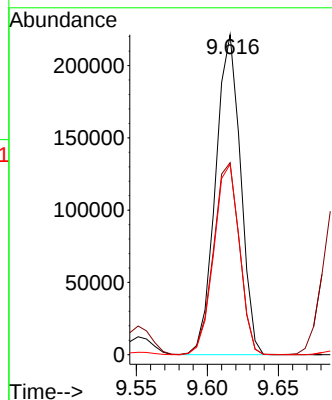
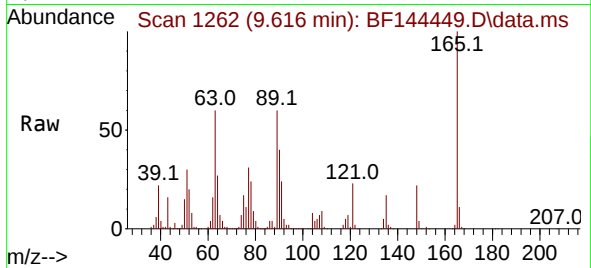




#51
2,6-Dinitrotoluene
Concen: 48.547 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

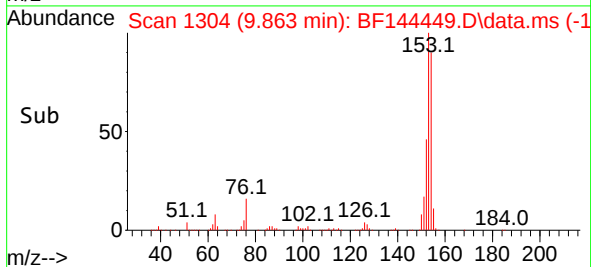
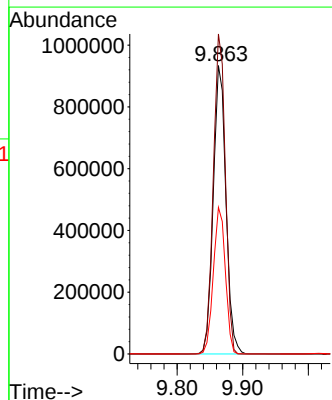
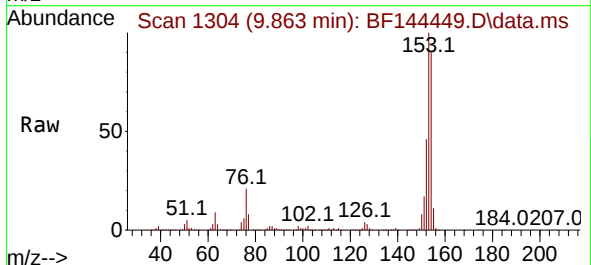
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

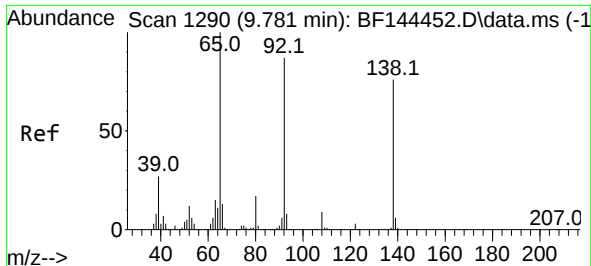
Tgt Ion:165 Resp: 270830
Ion Ratio Lower Upper
165 100
63 60.0 45.9 68.9
89 59.5 44.6 67.0



#52
Acenaphthene
Concen: 47.239 ng
RT: 9.863 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:154 Resp: 1253434
Ion Ratio Lower Upper
154 100
153 111.0 88.6 132.8
152 50.8 40.6 61.0

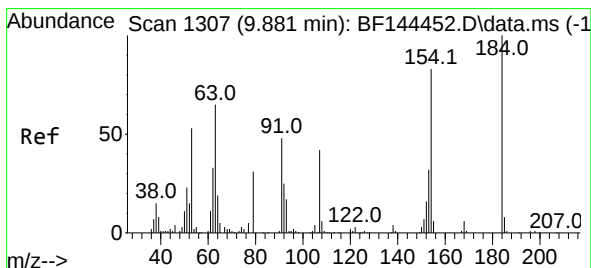
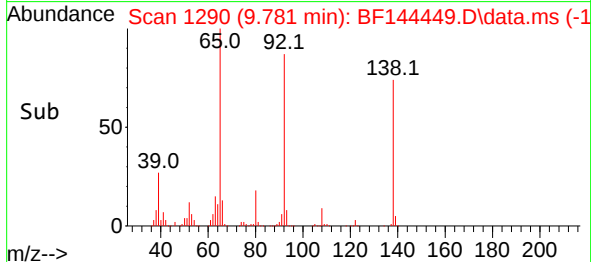
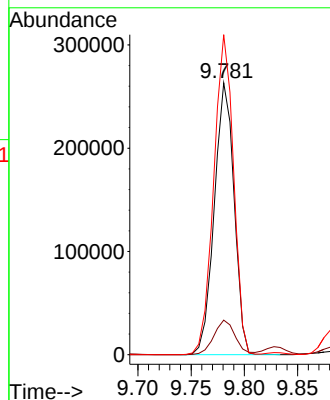
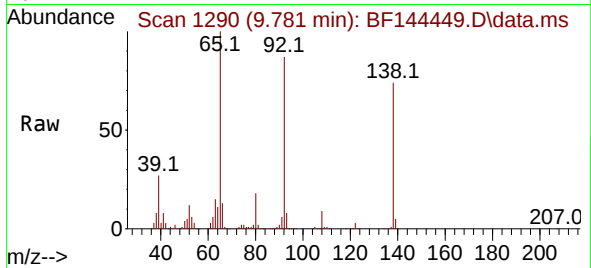




#53
3-Nitroaniline
Concen: 49.762 ng
RT: 9.781 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

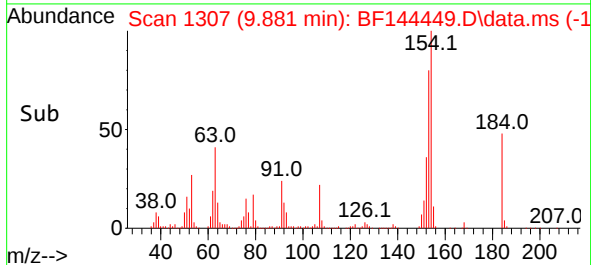
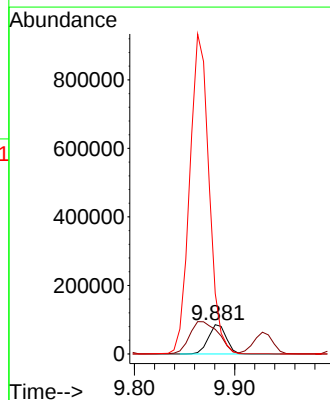
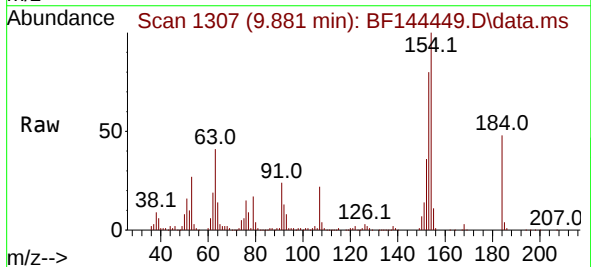
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

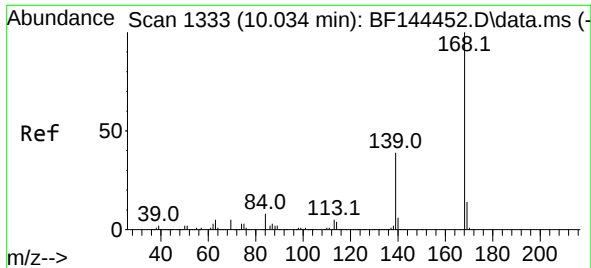
Tgt Ion:138 Resp: 340050
Ion Ratio Lower Upper
138 100
108 12.7 9.7 14.5
92 117.7 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 47.658 ng
RT: 9.881 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:184 Resp: 105983
Ion Ratio Lower Upper
184 100
63 84.2 60.6 91.0
154 206.2 137.8 206.8

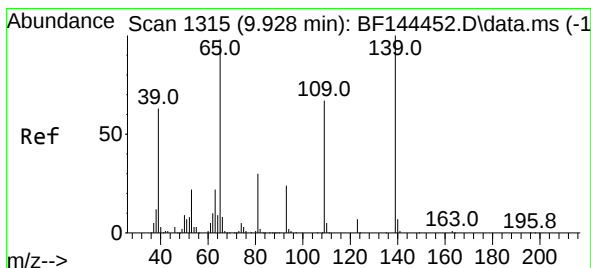
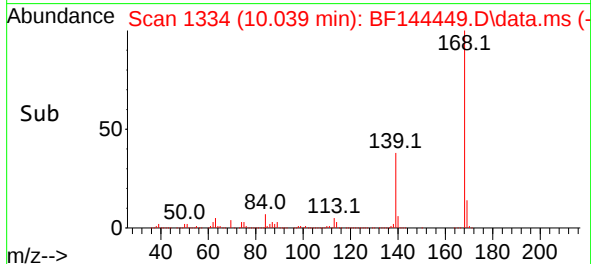
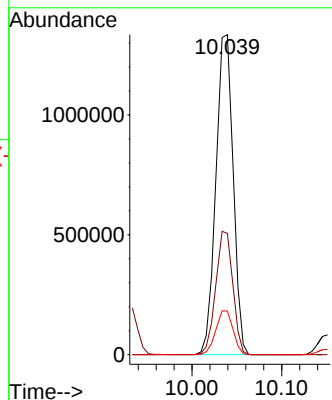
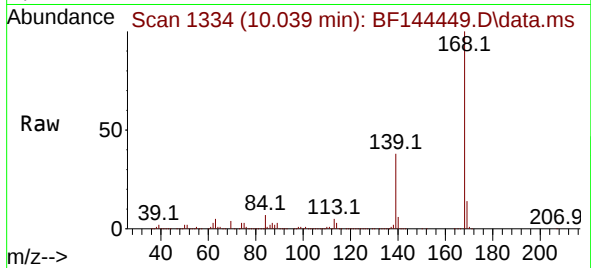




#55
Dibenzenofuran
Concen: 47.287 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

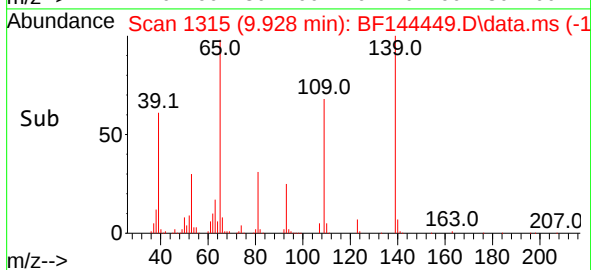
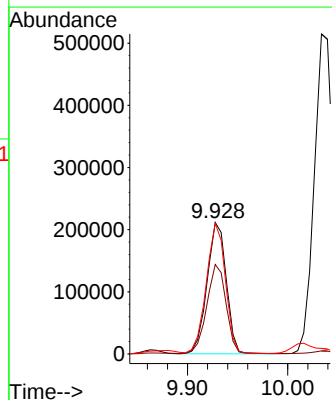
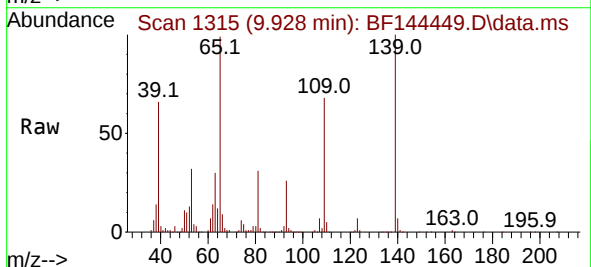
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

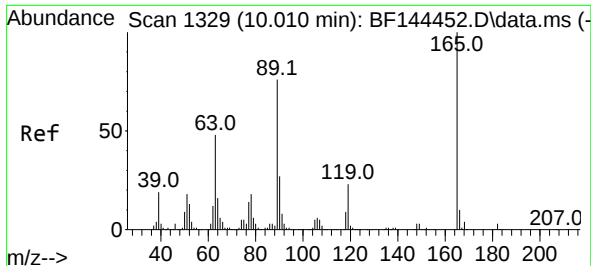
Tgt Ion:168 Resp: 1785262
Ion Ratio Lower Upper
168 100
139 37.9 31.0 46.6
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 54.448 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:139 Resp: 281991
Ion Ratio Lower Upper
139 100
109 68.0 47.4 87.4
65 99.4 78.4 118.4

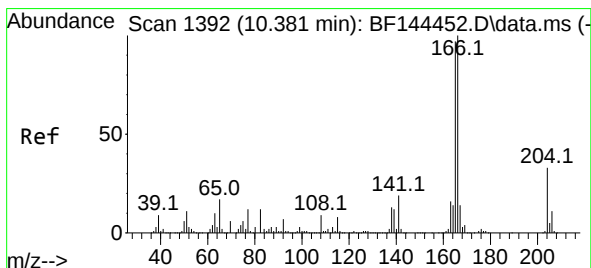
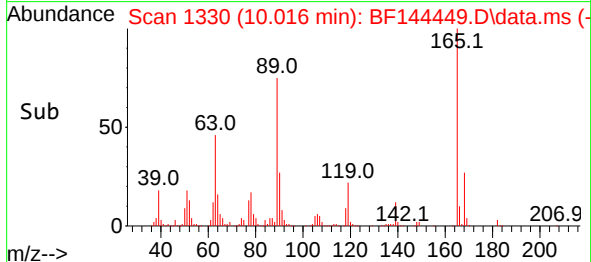
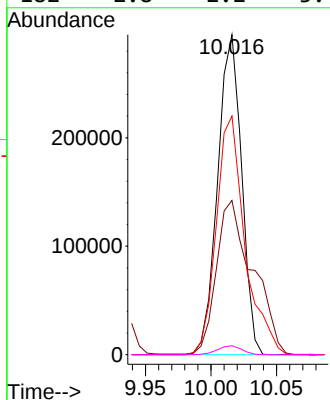
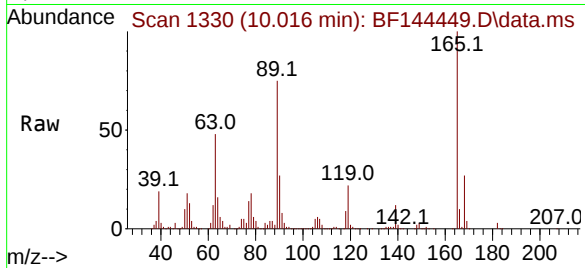




#57
2,4-Dinitrotoluene
Concen: 49.088 ng
RT: 10.016 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

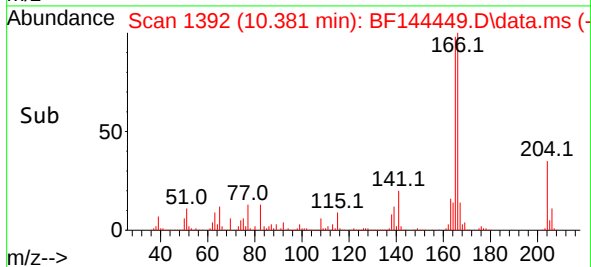
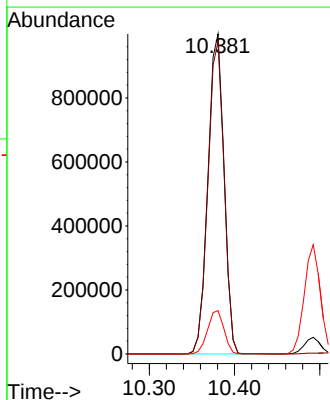
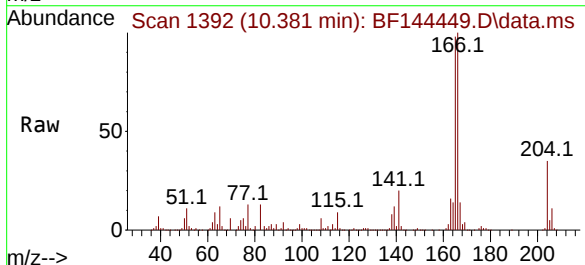
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

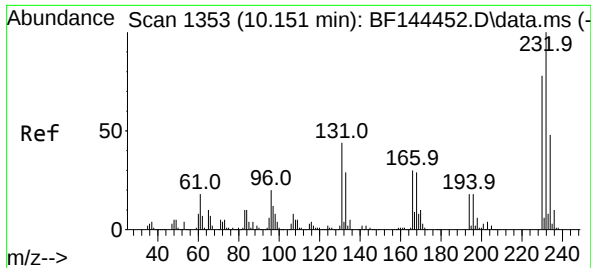
Tgt Ion:165 Resp: 374410
Ion Ratio Lower Upper
165 100
63 48.2 38.2 57.4
89 74.6 61.2 91.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 45.998 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:166 Resp: 1315013
Ion Ratio Lower Upper
166 100
165 97.6 77.6 116.4
167 13.6 10.8 16.2

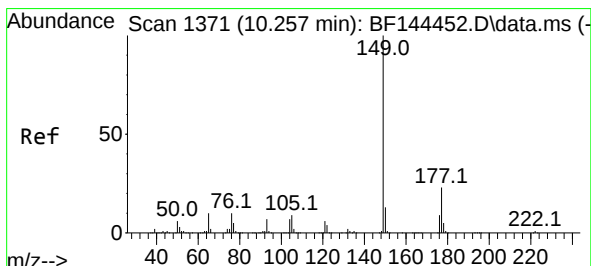
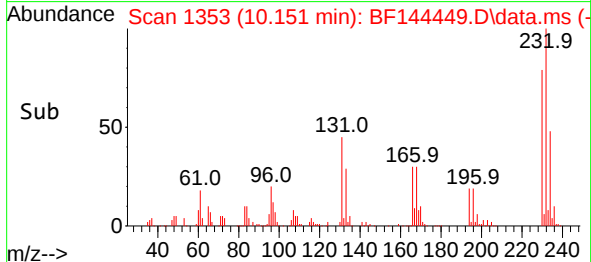
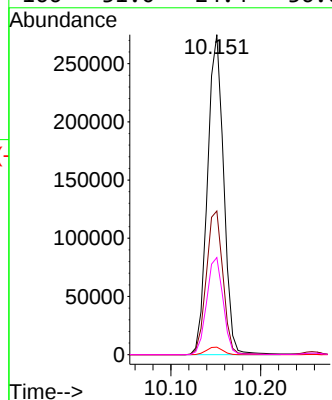
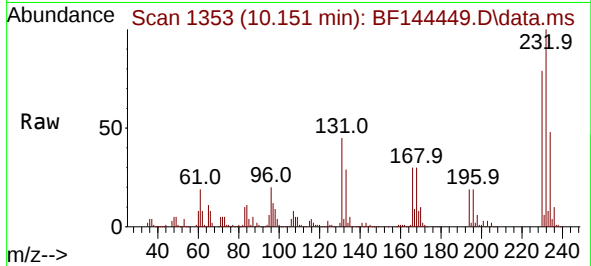




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.138 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

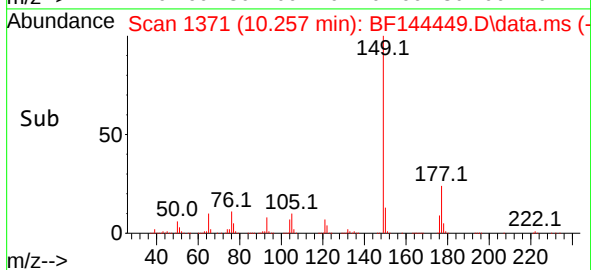
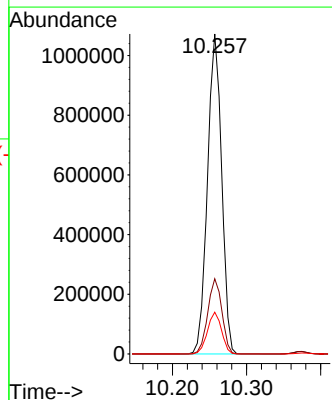
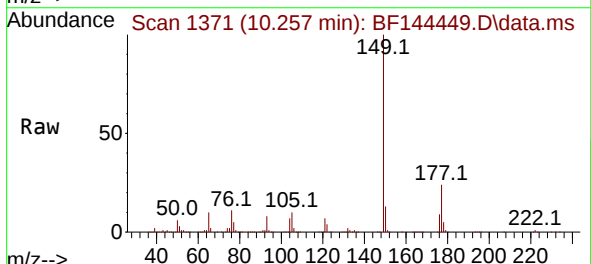
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

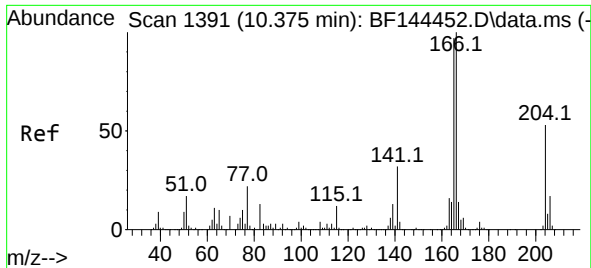
Tgt Ion:232 Resp: 344498
Ion Ratio Lower Upper
232 100
131 46.1 36.3 54.5
130 2.4 1.8 2.6
166 31.0 24.4 36.6



#60
Diethylphthalate
Concen: 49.378 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:149 Resp: 1423235
Ion Ratio Lower Upper
149 100
177 23.5 18.7 28.1
150 13.0 10.1 15.1

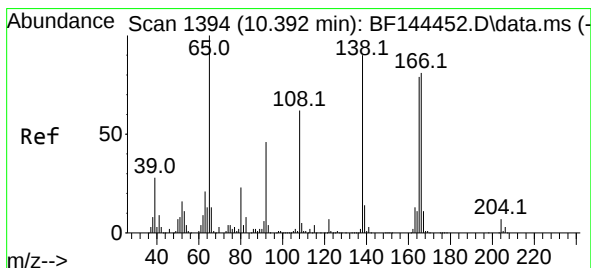
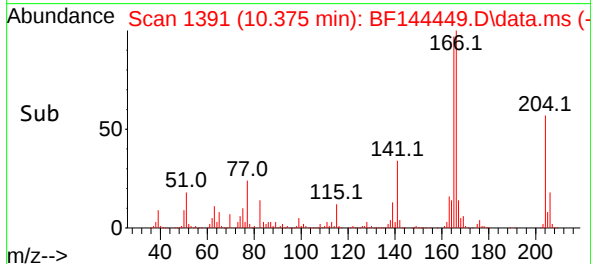
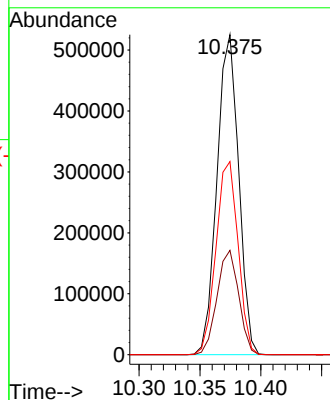
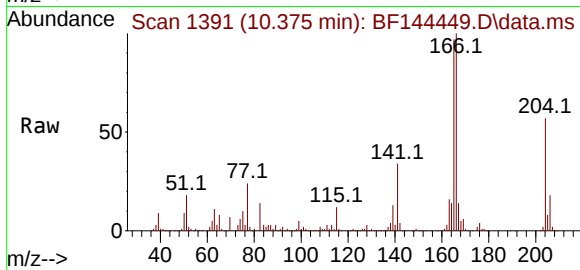




#61
4-Chlorophenyl-phenylether
Concen: 46.484 ng
RT: 10.375 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

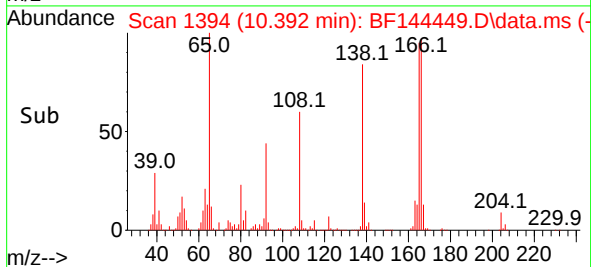
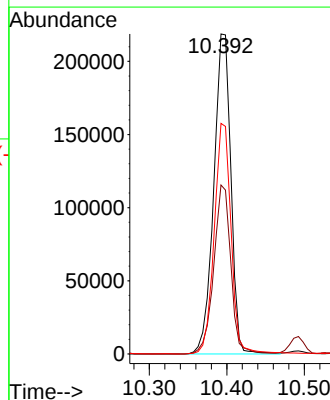
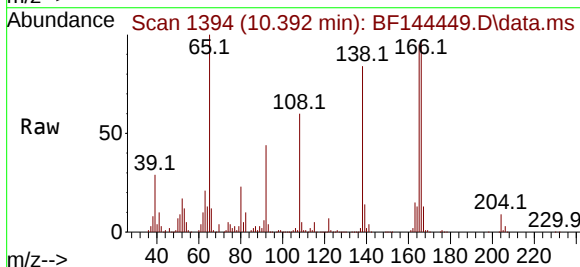
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

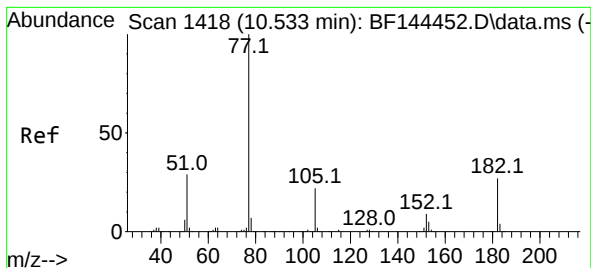
Tgt Ion:204 Resp: 652018
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 60.4 48.4 72.6



#62
4-Nitroaniline
Concen: 49.845 ng
RT: 10.392 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:138 Resp: 335827
Ion Ratio Lower Upper
138 100
92 52.8 30.8 70.8
108 72.1 49.2 89.2





#63

Azobenzene

Concen: 48.581 ng

RT: 10.534 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 1479898

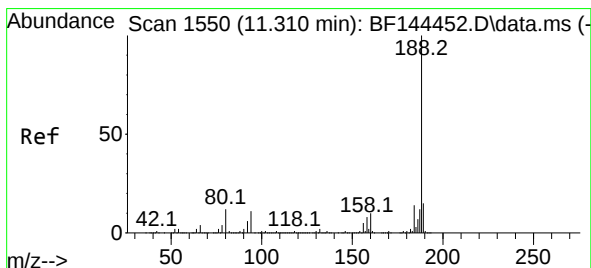
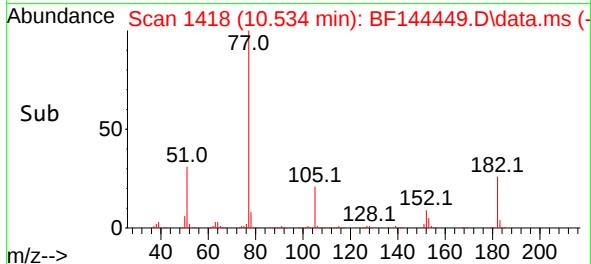
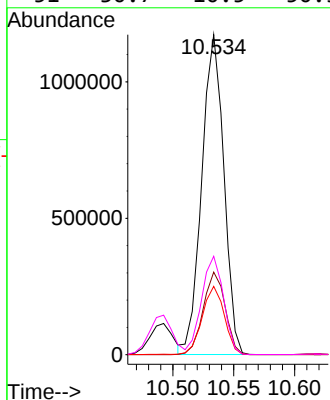
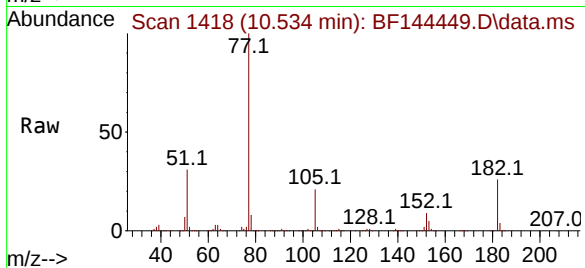
Ion Ratio Lower Upper

77 100

182 25.8 6.1 46.1

105 21.3 1.5 41.5

51 30.7 10.5 50.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

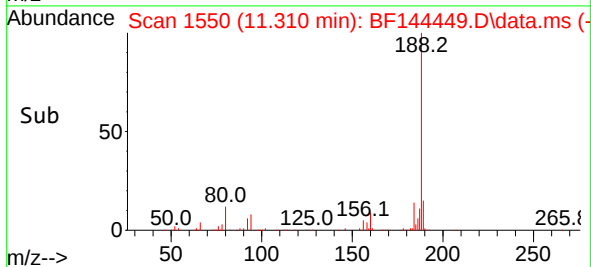
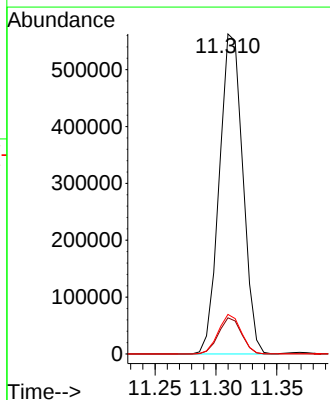
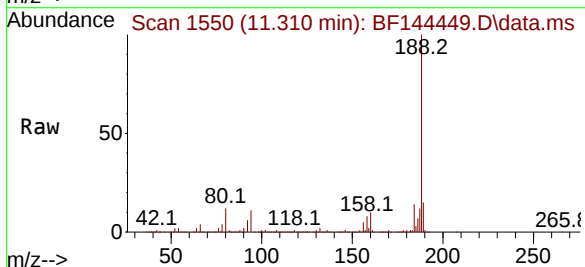
Tgt Ion:188 Resp: 756551

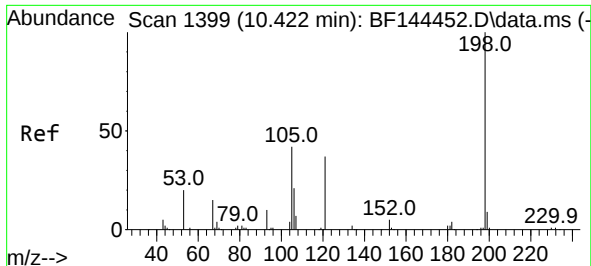
Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.6

80 12.4 9.8 14.8

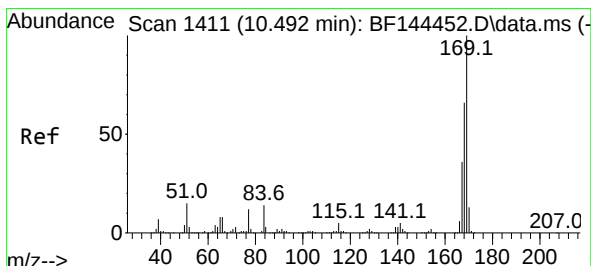
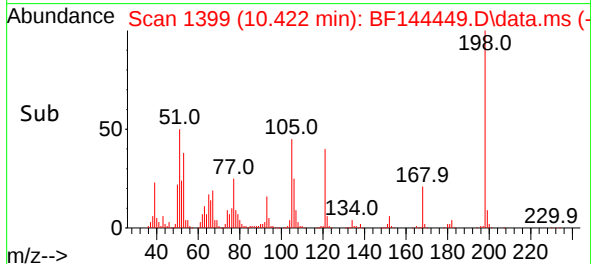
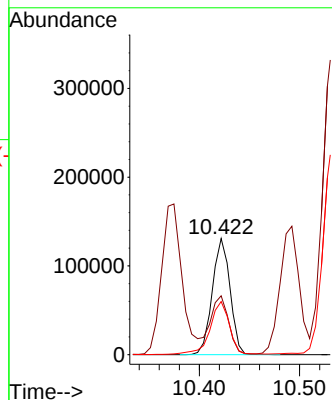
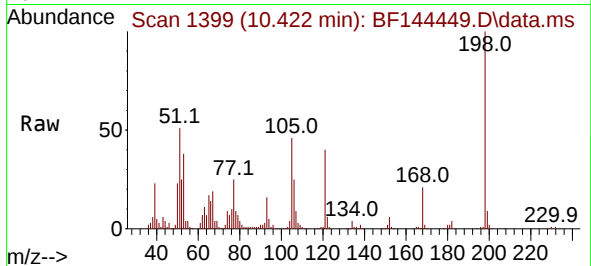




#65
4,6-Dinitro-2-methylphenol
Concen: 47.259 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

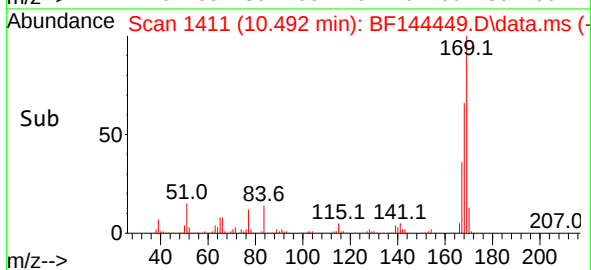
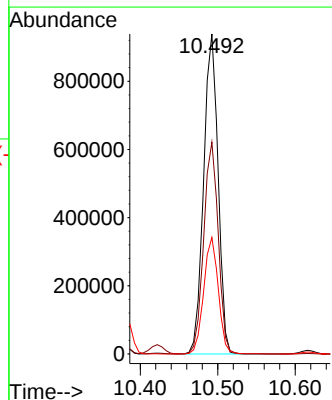
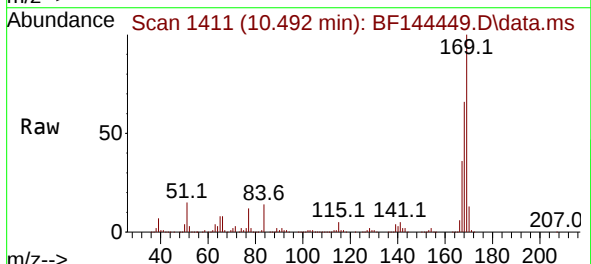
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

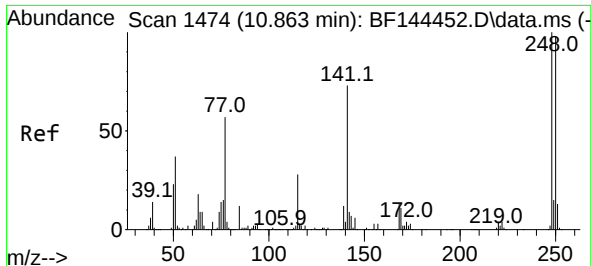
Tgt Ion:198 Resp: 160800
Ion Ratio Lower Upper
198 100
51 50.7 25.5 65.5
105 45.8 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 46.780 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:169 Resp: 1212843
Ion Ratio Lower Upper
169 100
168 66.2 52.6 79.0
167 36.4 28.8 43.2

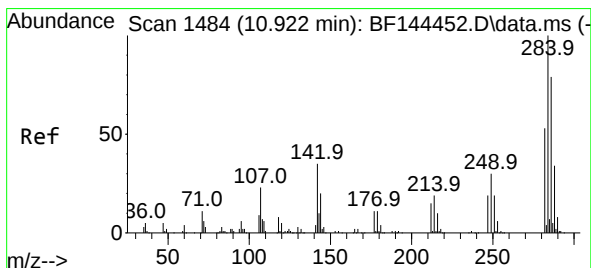
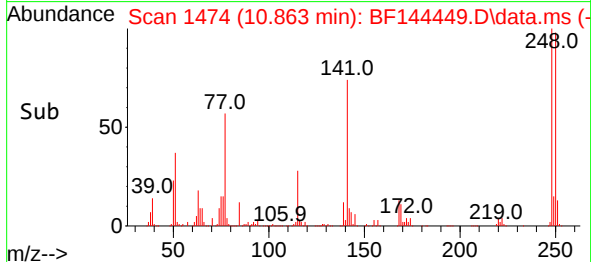
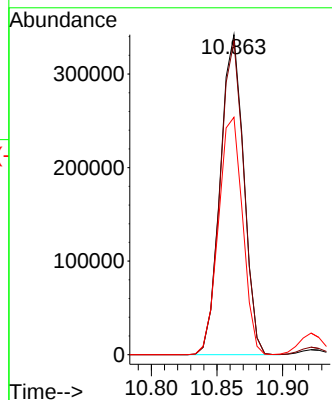
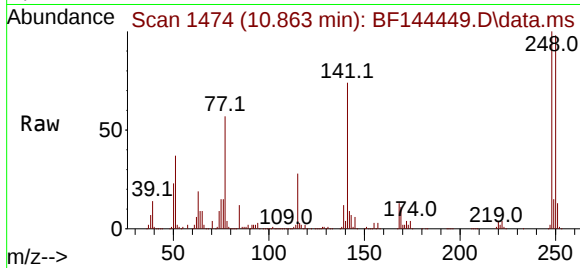




#67
4-Bromophenyl-phenylether
Concen: 48.164 ng
RT: 10.863 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

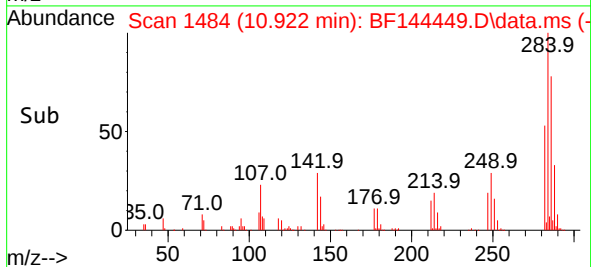
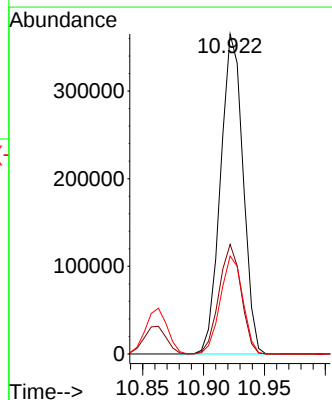
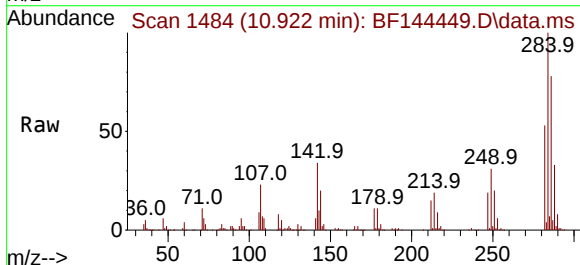
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

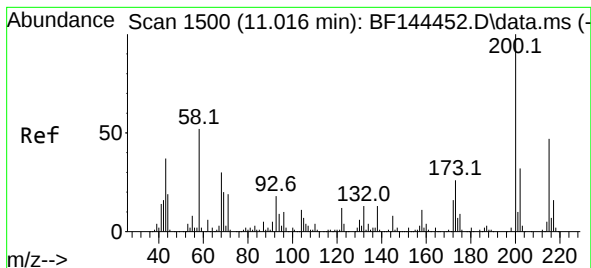
Tgt Ion:248 Resp: 425394
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 74.2 58.5 87.7



#68
Hexachlorobenzene
Concen: 48.159 ng
RT: 10.922 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:284 Resp: 469539
Ion Ratio Lower Upper
284 100
142 34.3 28.2 42.2
249 30.6 24.7 37.1





#69

Atrazine

Concen: 50.889 ng

RT: 11.016 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

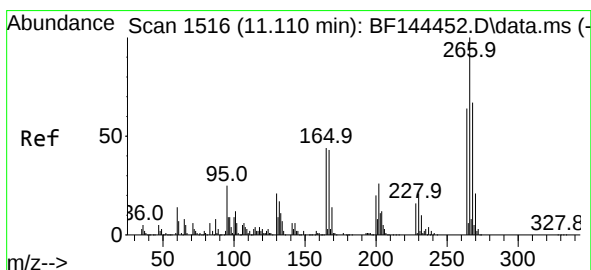
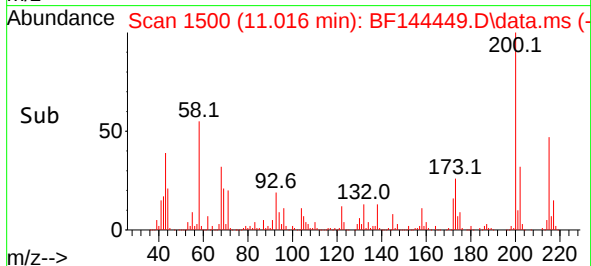
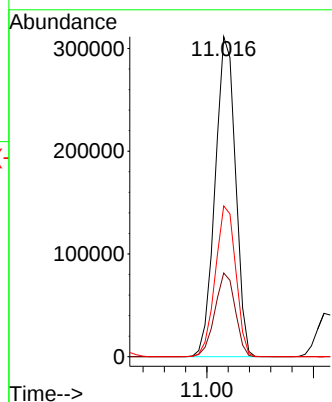
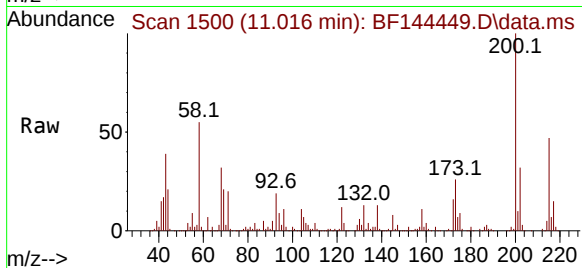
Tgt Ion:200 Resp: 413267

Ion Ratio Lower Upper

200 100

173 26.1 6.2 46.2

215 47.1 27.2 67.2



#70

Pentachlorophenol

Concen: 51.354 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.006 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

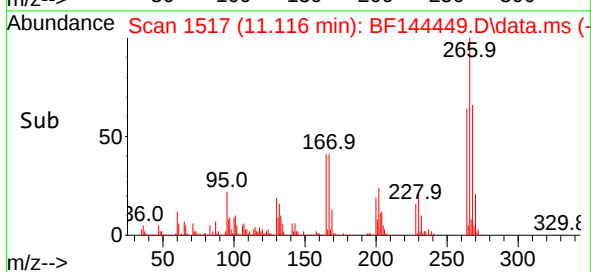
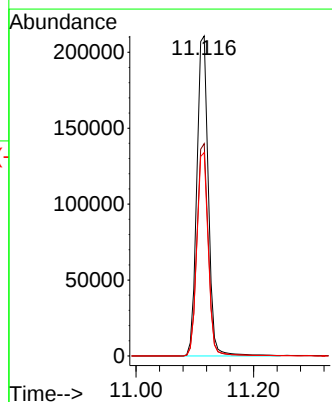
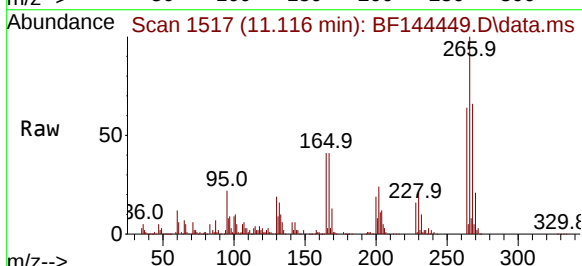
Tgt Ion:266 Resp: 285590

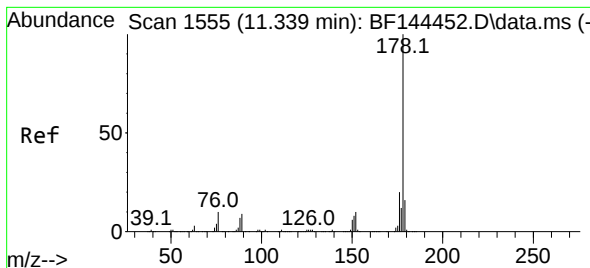
Ion Ratio Lower Upper

266 100

268 66.4 53.8 80.8

264 63.6 51.2 76.8





#71

Phenanthrene

Concen: 46.621 ng

RT: 11.339 min Scan# 1555

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

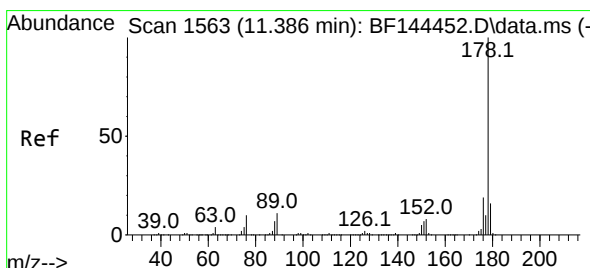
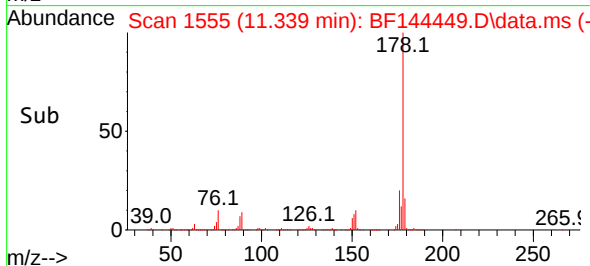
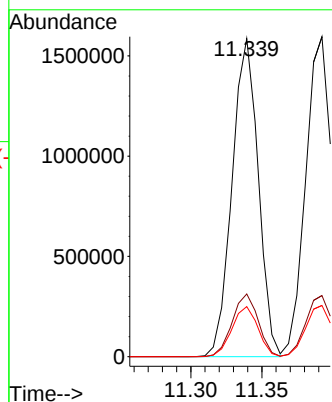
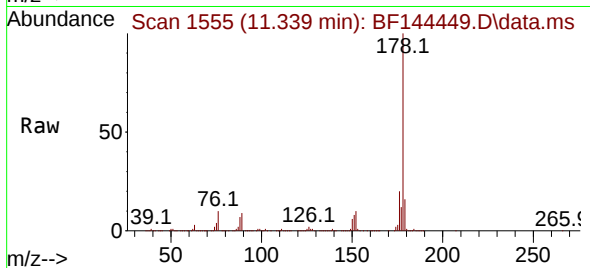
Tgt Ion:178 Resp: 2033385

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.8 12.5 18.7



#72

Anthracene

Concen: 46.612 ng

RT: 11.392 min Scan# 1564

Delta R.T. 0.006 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

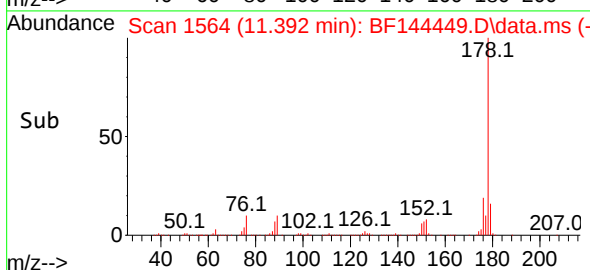
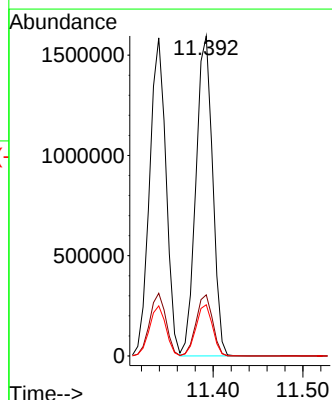
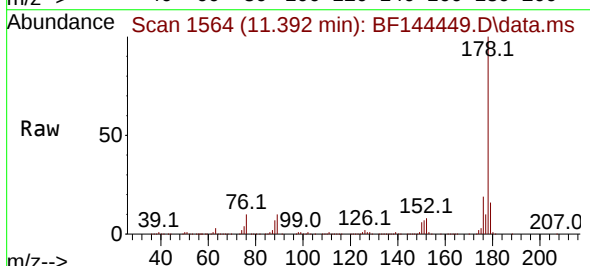
Tgt Ion:178 Resp: 2057637

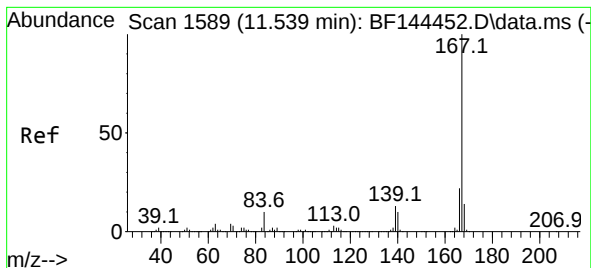
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 16.0 12.7 19.1





#73

Carbazole

Concen: 46.864 ng

RT: 11.545 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

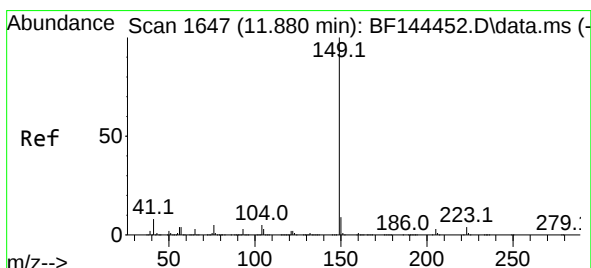
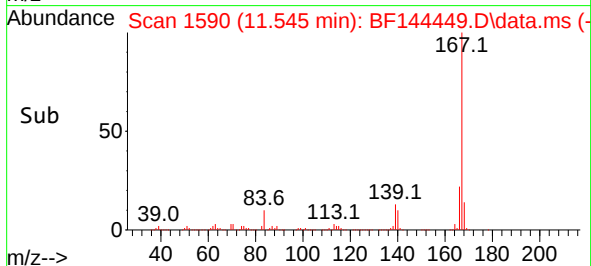
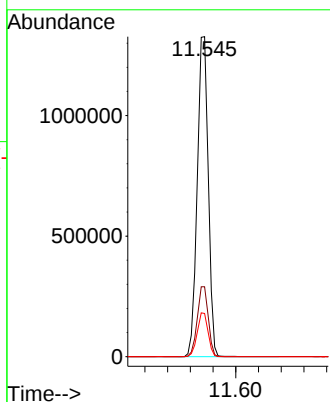
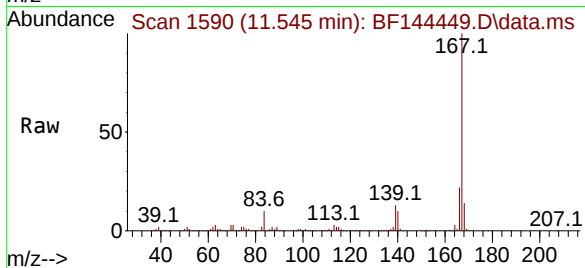
Tgt Ion:167 Resp: 1795985

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.5 10.7 16.1



#74

Di-n-butylphthalate

Concen: 50.565 ng

RT: 11.880 min Scan# 1647

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

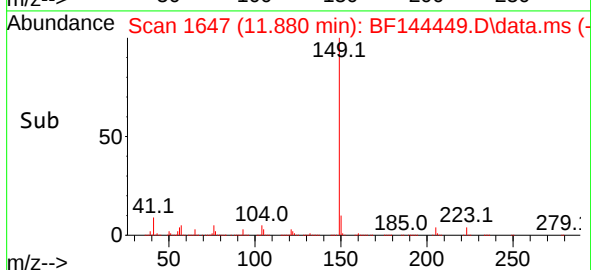
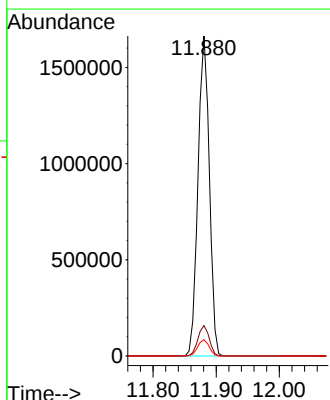
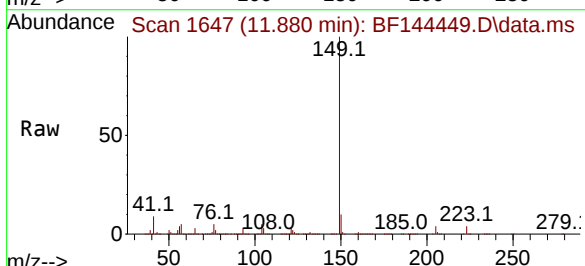
Tgt Ion:149 Resp: 2071432

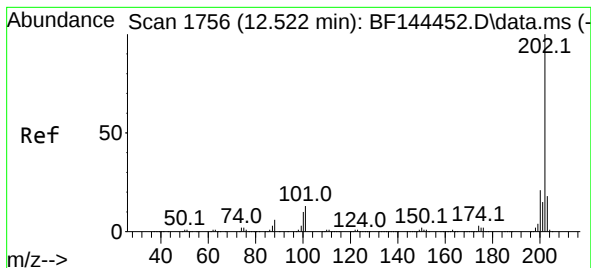
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.1 3.9 5.9

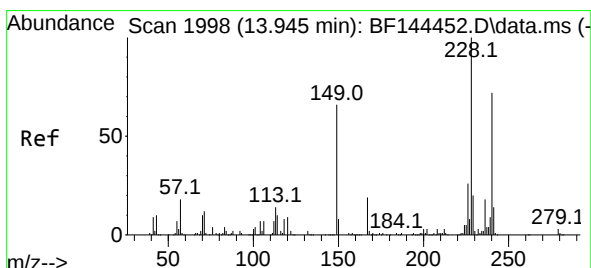
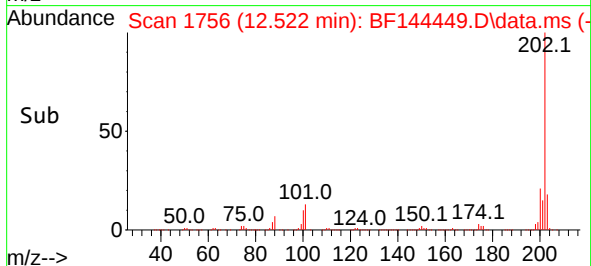
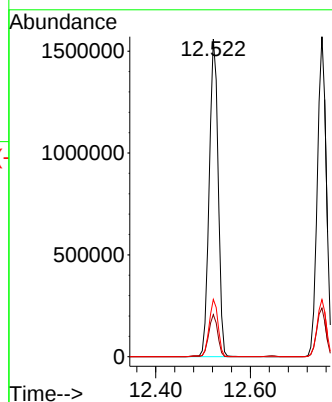
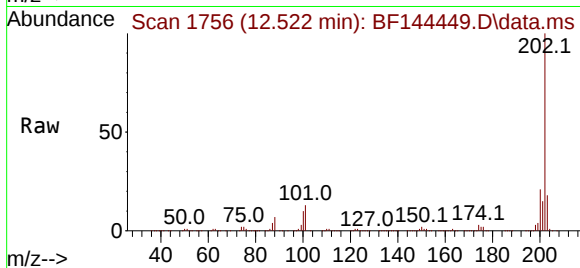




#75
Fluoranthene
Concen: 47.403 ng
RT: 12.522 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

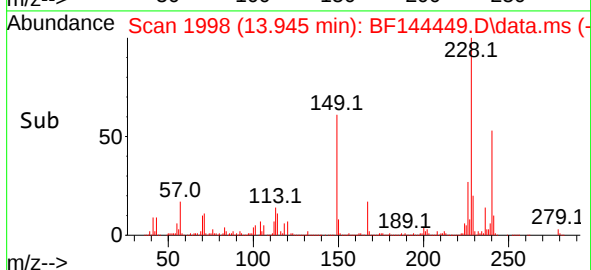
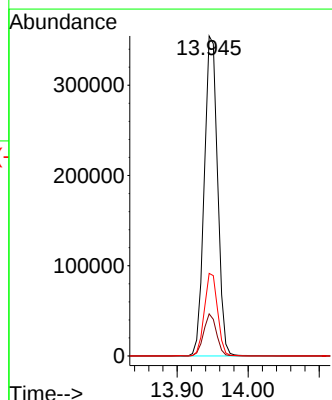
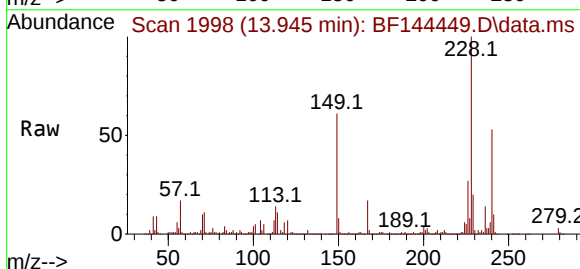
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

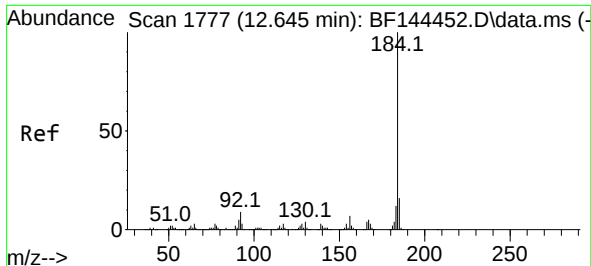
Tgt Ion:202 Resp: 2041613
Ion Ratio Lower Upper
202 100
101 13.3 0.0 32.9
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:240 Resp: 463678
Ion Ratio Lower Upper
240 100
120 13.1 10.3 15.5
236 25.8 20.2 30.4

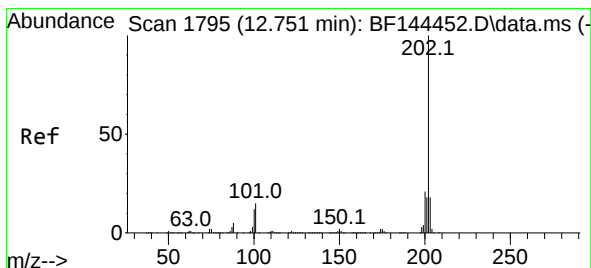
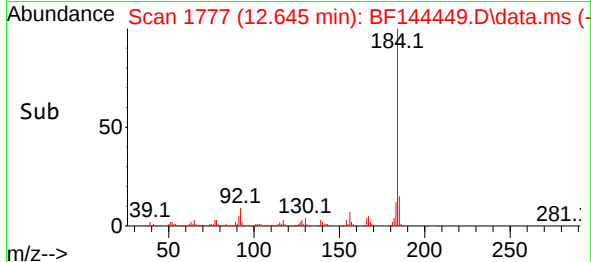
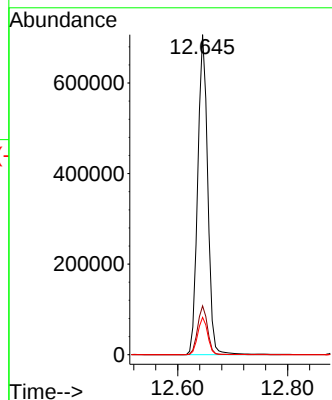
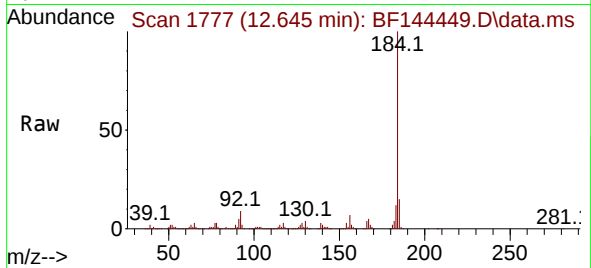




#77
Benzidine
Concen: 54.107 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

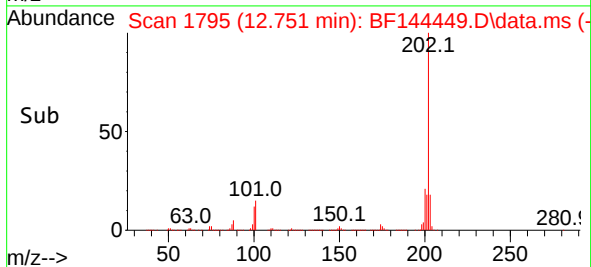
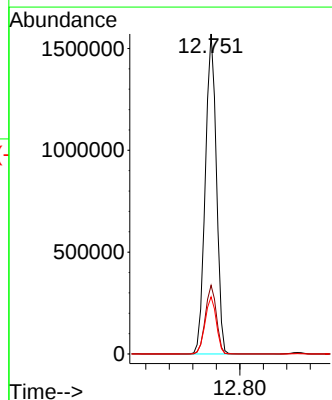
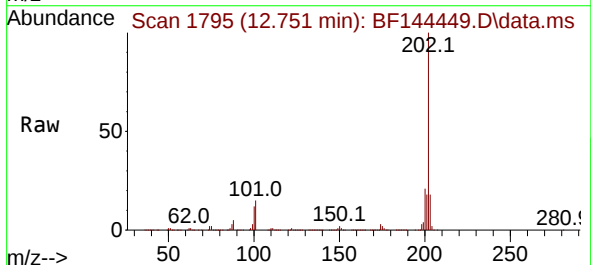
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

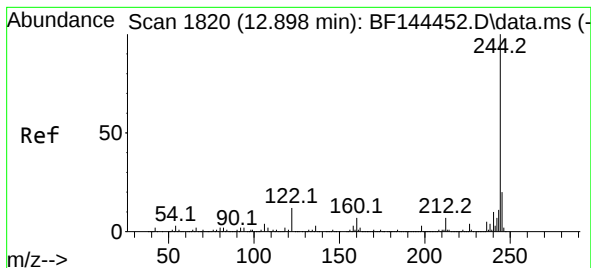
Tgt Ion:184 Resp: 893313
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 11.7 9.4 14.0



#78
Pyrene
Concen: 48.181 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:202 Resp: 2046782
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 95.038 ng

RT: 12.898 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

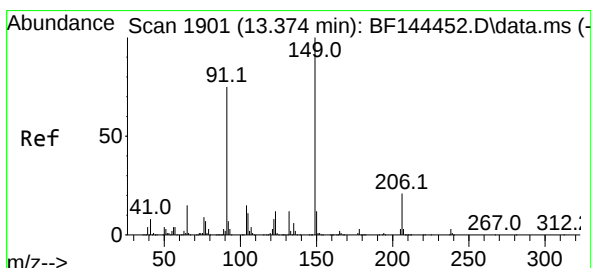
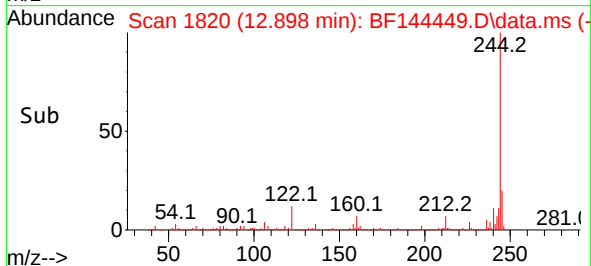
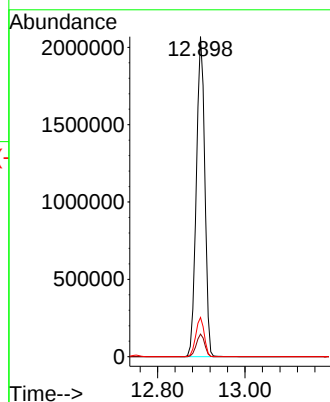
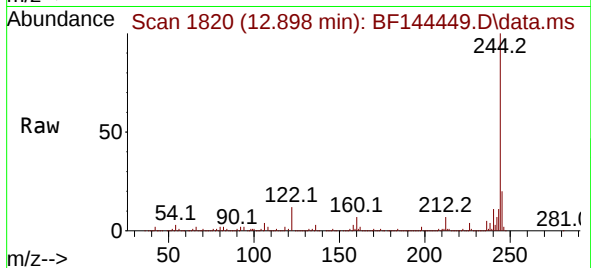
Tgt Ion:244 Resp: 2791196

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.2 9.9 14.9



#80

Butylbenzylphthalate

Concen: 49.829 ng

RT: 13.375 min Scan# 1901

Delta R.T. 0.001 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

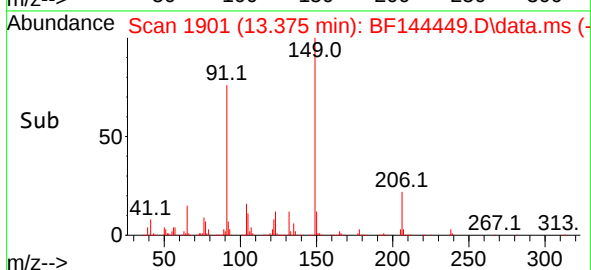
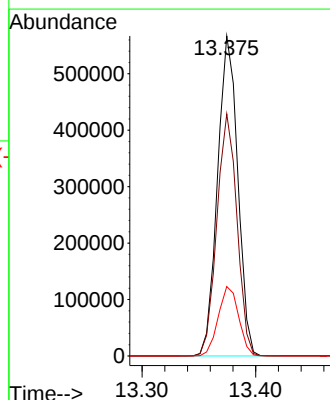
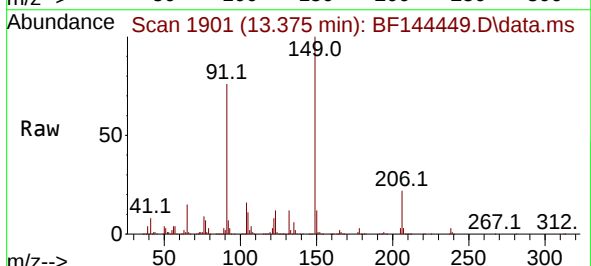
Tgt Ion:149 Resp: 702302

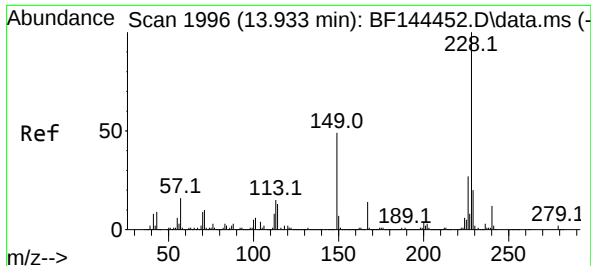
Ion Ratio Lower Upper

149 100

91 75.6 59.8 89.8

206 21.7 17.0 25.6

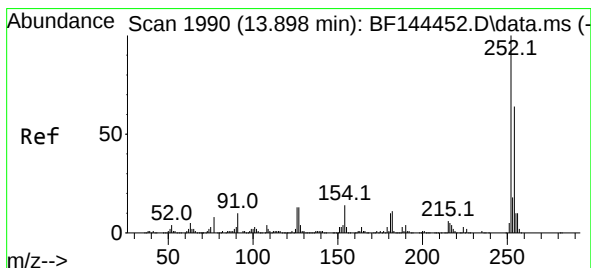
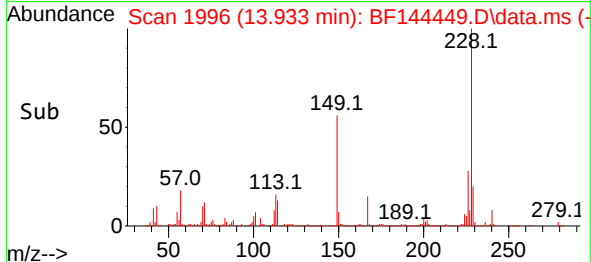
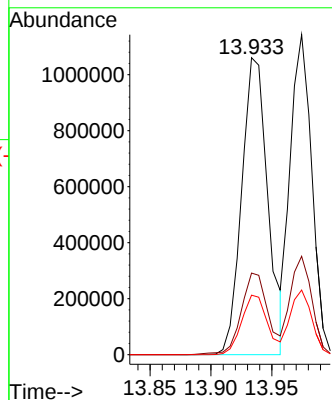
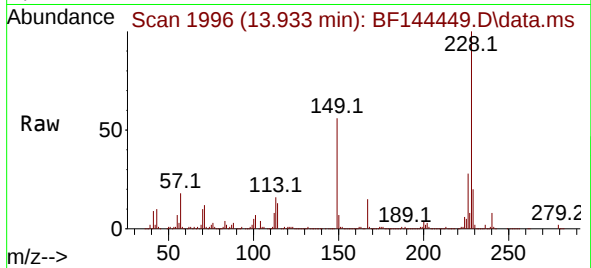




#81
Benzo(a)anthracene
Concen: 48.573 ng
RT: 13.933 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

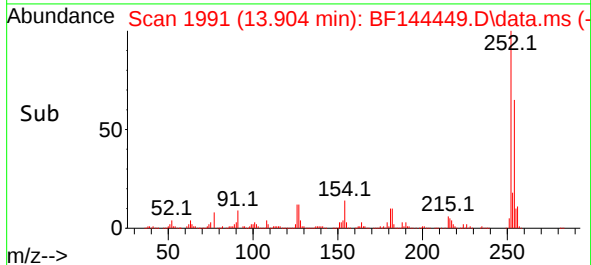
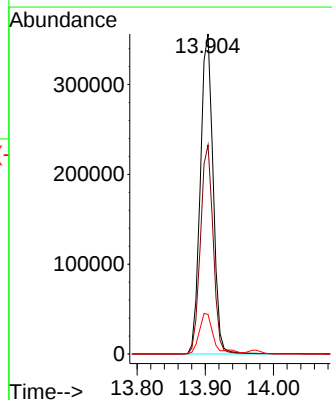
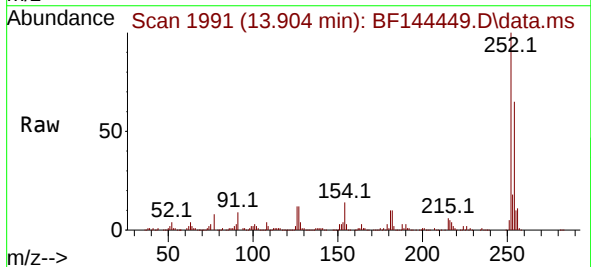
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

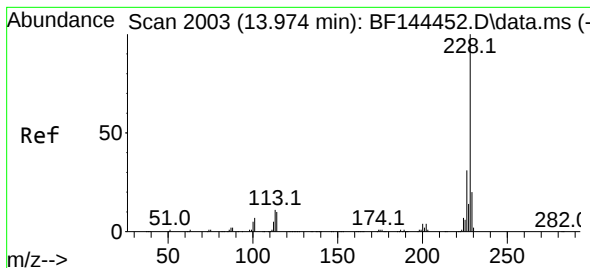
Tgt Ion:228 Resp: 1586063
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 20.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 49.998 ng
RT: 13.904 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:252 Resp: 462613
Ion Ratio Lower Upper
252 100
254 65.3 51.1 76.7
126 12.3 10.4 15.6





#83

Chrysene

Concen: 47.184 ng

RT: 13.974 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

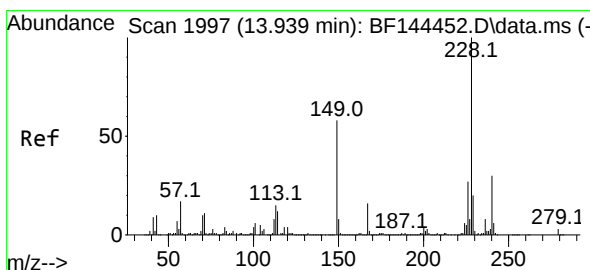
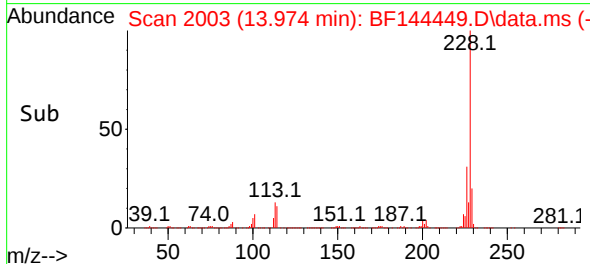
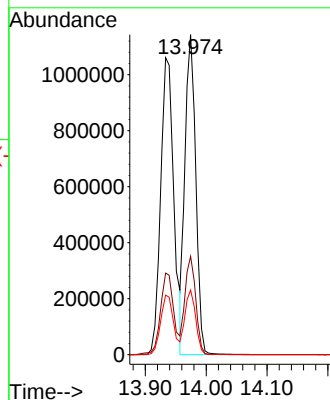
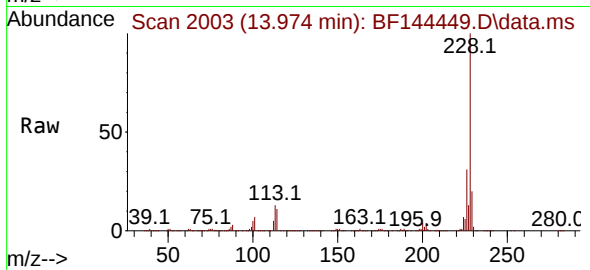
Tgt Ion:228 Resp: 1410034

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 20.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.840 ng

RT: 13.939 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

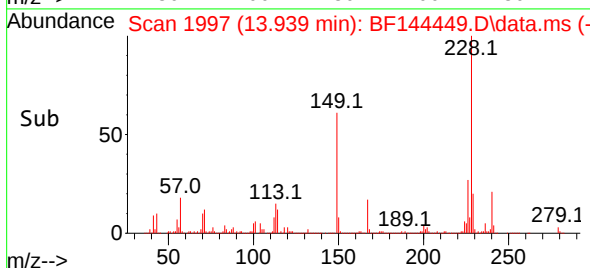
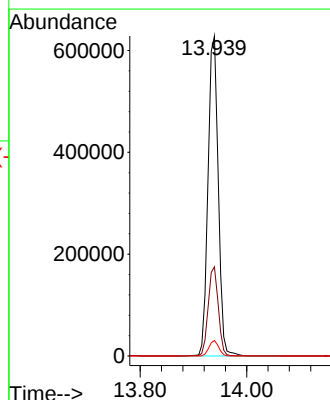
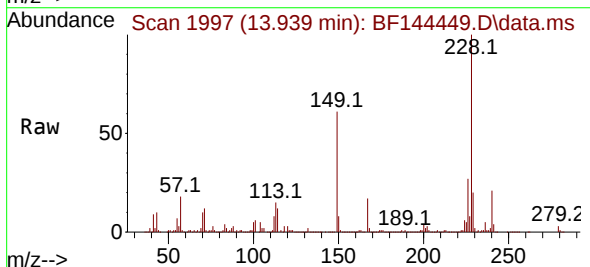
Tgt Ion:149 Resp: 834571

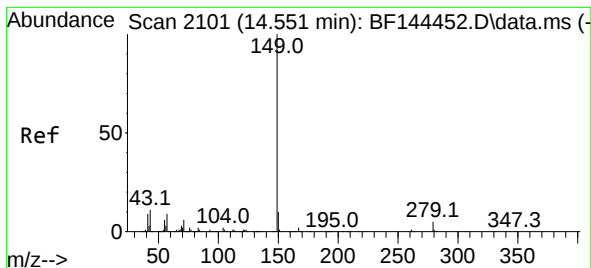
Ion Ratio Lower Upper

149 100

167 27.8 22.6 34.0

279 4.8 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 49.692 ng

RT: 14.551 min Scan# 2101

Delta R.T. -0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

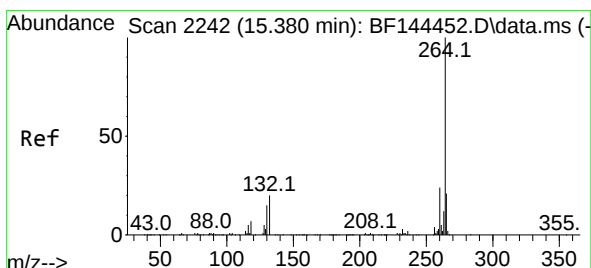
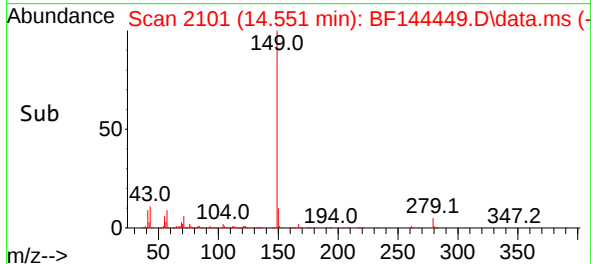
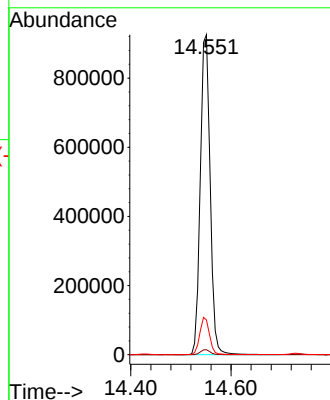
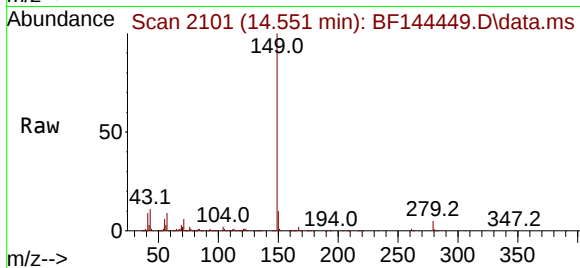
Tgt Ion:149 Resp: 1258332

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: BF144449.D

Acq: 12 Dec 2025 13:53

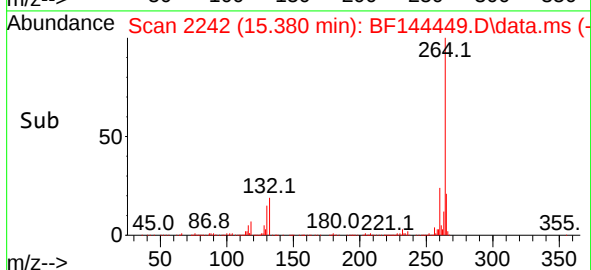
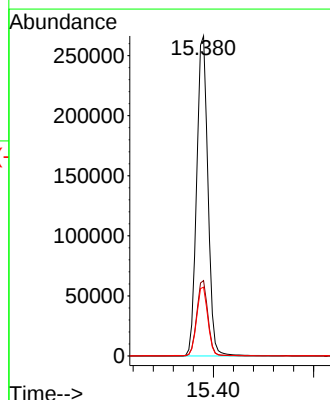
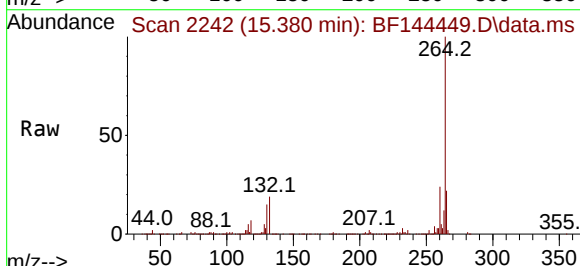
Tgt Ion:264 Resp: 413413

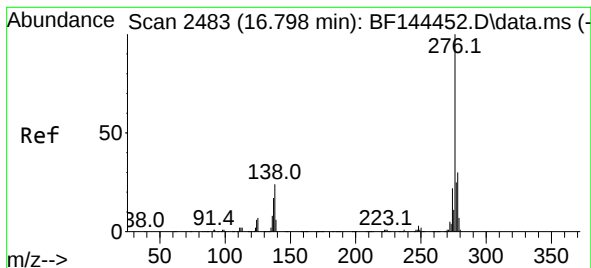
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.216 ng

RT: 16.798 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

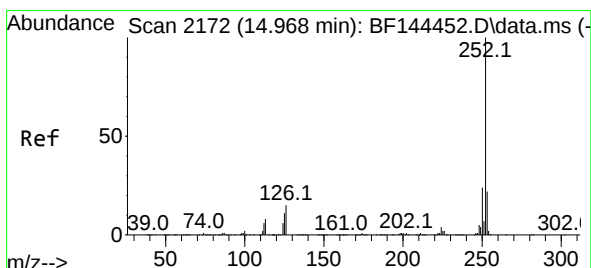
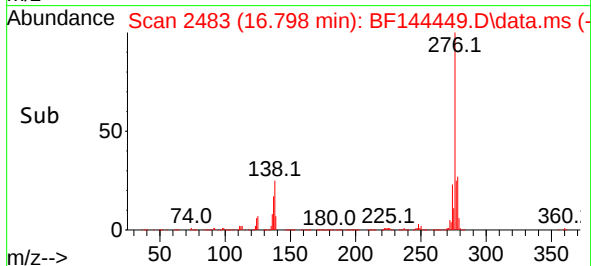
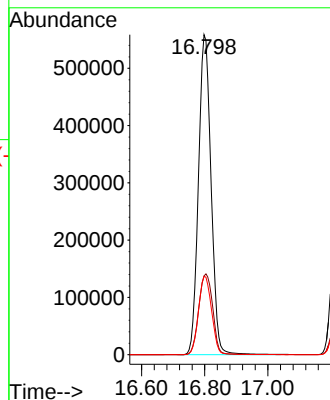
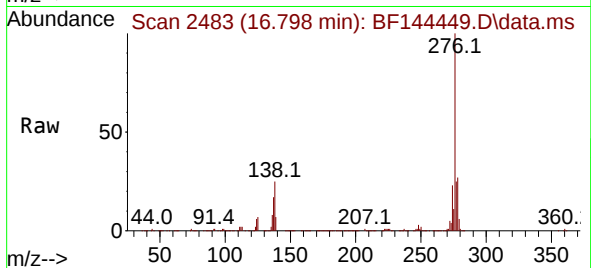
Tgt Ion:276 Resp: 1549442

Ion Ratio Lower Upper

276 100

138 28.0 21.9 32.9

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.267 ng

RT: 14.969 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BF144449.D

Acq: 12 Dec 2025 13:53

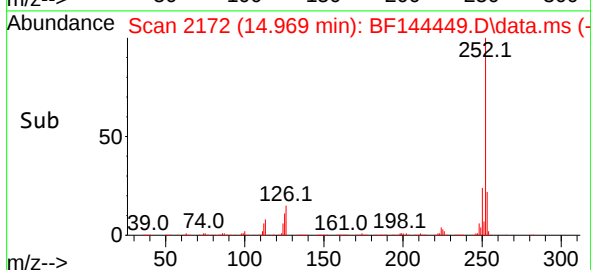
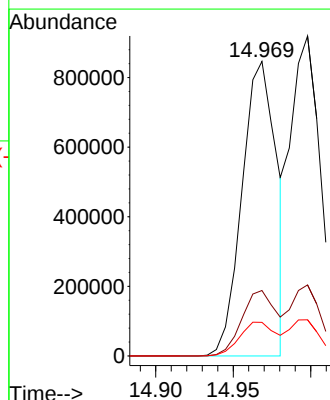
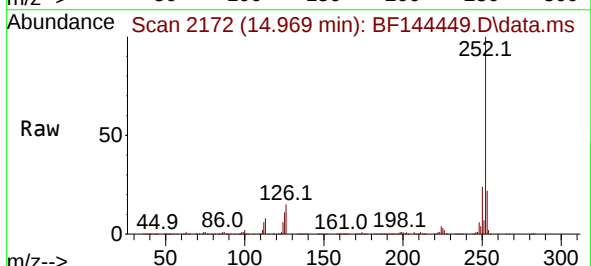
Tgt Ion:252 Resp: 1309966

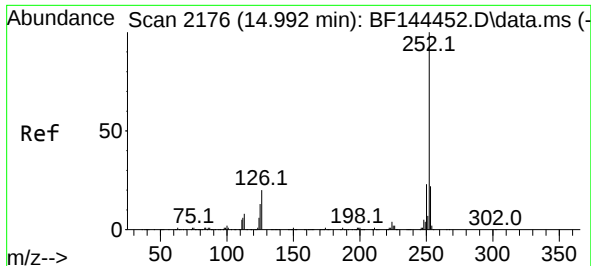
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.4 9.0 13.4

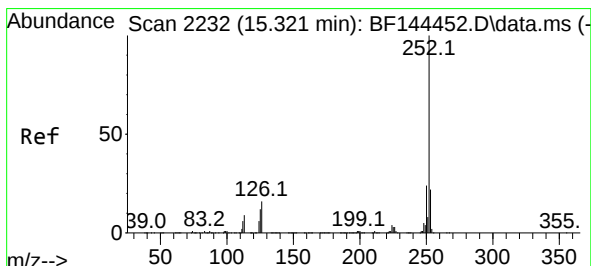
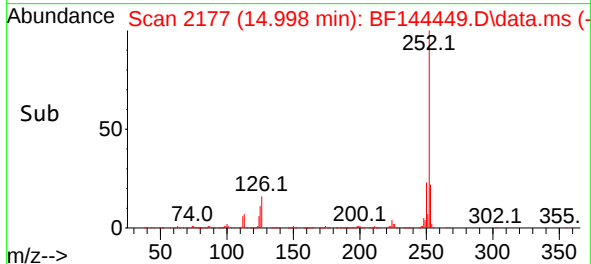
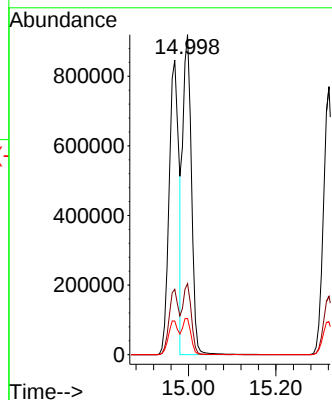
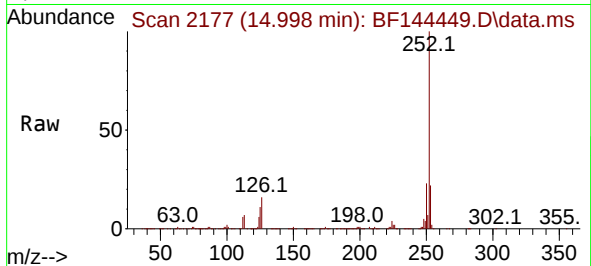




#89
Benzo(k)fluoranthene
Concen: 48.709 ng
RT: 14.998 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

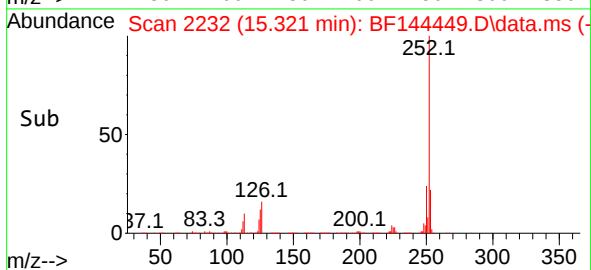
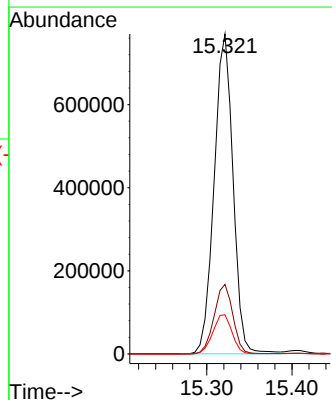
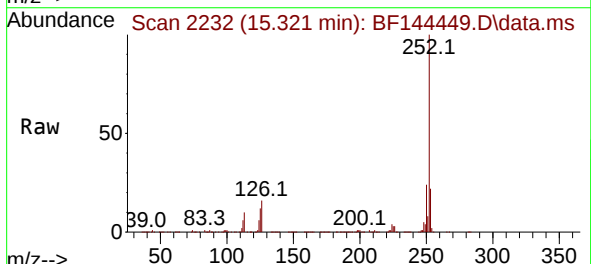
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

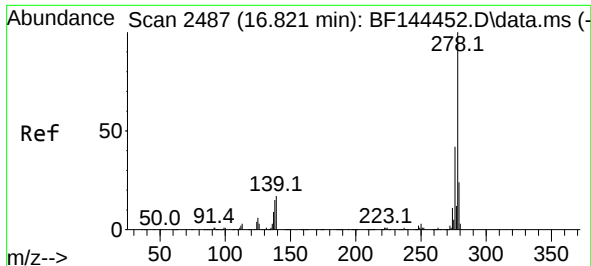
Tgt Ion:252 Resp: 1249988
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.3 9.7 14.5



#90
Benzo(a)pyrene
Concen: 50.087 ng
RT: 15.321 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:252 Resp: 1188213
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 12.2 9.9 14.9

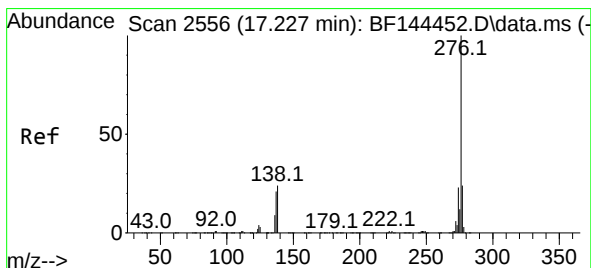
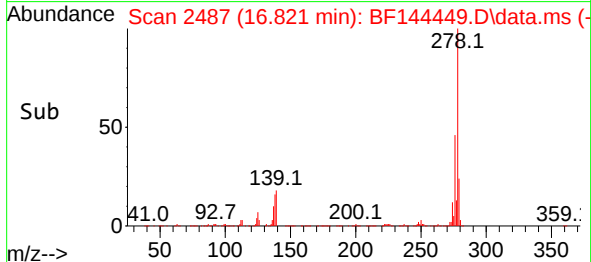
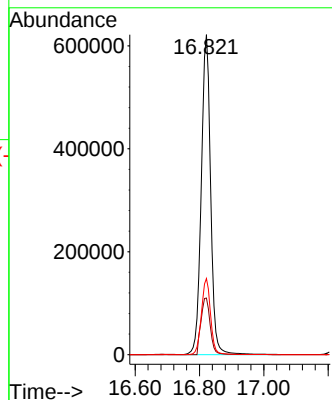
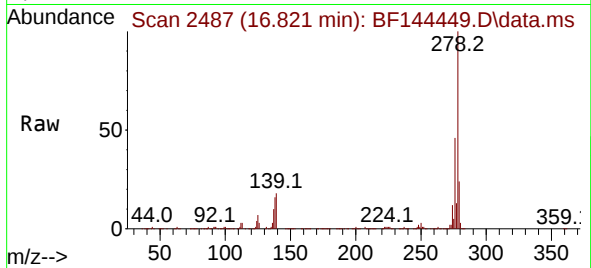




#91
Dibenzo(a,h)anthracene
Concen: 52.501 ng
RT: 16.821 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 1258170
Ion Ratio Lower Upper
278 100
139 17.7 13.6 20.4
279 23.8 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 52.521 ng
RT: 17.233 min Scan# 2557
Delta R.T. 0.006 min
Lab File: BF144449.D
Acq: 12 Dec 2025 13:53

Tgt Ion:276 Resp: 1279756
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 23.8 19.4 29.2

