

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121625\
 Data File : BF144505.D
 Acq On : 16 Dec 2025 20:15
 Operator : RC/JU
 Sample : Q3876-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B150(10-12)121225MSD

Quant Time: Dec 17 00:51:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	190033	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	759235	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	413351	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	640620	20.000	ng	0.00
76) Chrysene-d12	13.945	240	377500	20.000	ng	0.00
86) Perylene-d12	15.374	264	406285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1341687	106.456	ng	0.01
7) Phenol-d6	6.422	99	1676033	106.616	ng	0.00
23) Nitrobenzene-d5	7.357	82	1023727	84.378	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	457957	122.544	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1902194	70.596	ng	0.00
79) Terphenyl-d14	12.892	244	1662192	69.516	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	245587	40.524	ng	97
3) Pyridine	3.305	79	699100	41.951	ng	99
4) n-Nitrosodimethylamine	3.258	42	340046	46.953	ng	98
6) Aniline	6.457	93	542314	24.731	ng	99
8) 2-Chlorophenol	6.575	128	688936	50.986	ng	99
9) Benzaldehyde	6.340	77	455309	36.997	ng	100
10) Phenol	6.434	94	859136	46.306	ng	100
11) bis(2-Chloroethyl)ether	6.528	93	632191	46.617	ng	100
12) 1,3-Dichlorobenzene	6.734	146	696578	47.714	ng	99
13) 1,4-Dichlorobenzene	6.810	146	700034	47.790	ng	99
14) 1,2-Dichlorobenzene	6.963	146	677836	48.728	ng	99
15) Benzyl Alcohol	6.934	79	597010	51.524	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	949351	41.482	ng	99
17) 2-Methylphenol	7.046	107	565338	49.634	ng	99
18) Hexachloroethane	7.304	117	253740	49.855	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	473461	47.680	ng	98
20) 3+4-Methylphenols	7.198	107	689633	49.277	ng	99
22) Acetophenone	7.204	105	877389	46.590	ng	100
24) Nitrobenzene	7.375	77	708074	53.798	ng	98
25) Isophorone	7.616	82	1314858	48.020	ng	99
26) 2-Nitrophenol	7.693	139	344578	58.258	ng	97
27) 2,4-Dimethylphenol	7.728	122	665014	50.901	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	790266	46.838	ng	100
29) 2,4-Dichlorophenol	7.928	162	567039	52.234	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	585145	49.698	ng	98
31) Naphthalene	8.098	128	1932822	47.301	ng	100
32) Benzoic acid	7.845	122	436666	53.867	ng	98
33) 4-Chloroaniline	8.140	127	123366	7.511	ng	98
34) Hexachlorobutadiene	8.216	225	341782	46.947	ng	99
35) Caprolactam	8.522	113	138006	38.497	ng	92
36) 4-Chloro-3-methylphenol	8.628	107	634006	53.799	ng	99
37) 2-Methylnaphthalene	8.787	142	1167830	43.438	ng	99
38) 1-Methylnaphthalene	8.887	142	1196411	45.702	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	553430	47.045	ng	99
41) Hexachlorocyclopentadiene	8.945	237	615297	88.377	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	397942	53.268	ng	99

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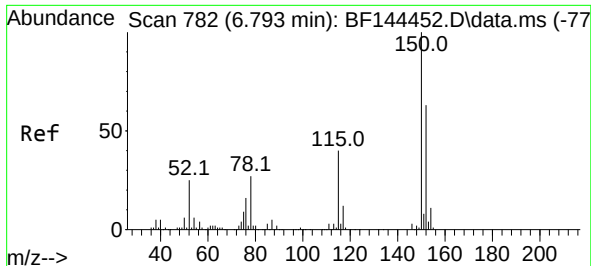
Quant Time: Dec 17 00:51:10 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	407487	51.970	ng	98
46) 1,1'-Biphenyl	9.251	154	1541908	47.733	ng	100
47) 2-Chloronaphthalene	9.275	162	1161954	47.119	ng	99
48) 2-Nitroaniline	9.369	65	371238	52.145	ng	99
49) Acenaphthylene	9.692	152	1901401	48.666	ng	99
50) Dimethylphthalate	9.557	163	1383035	49.534	ng	100
51) 2,6-Dinitrotoluene	9.616	165	301801	58.090	ng	97
52) Acenaphthene	9.863	154	1242327	50.998	ng	100
53) 3-Nitroaniline	9.781	138	140049	23.981	ng	96
54) 2,4-Dinitrophenol	9.886	184	256575	100.651	ng	# 41
55) Dibenzofuran	10.034	168	1626680	46.931	ng	100
56) 4-Nitrophenol	9.939	139	484533	101.904	ng	96
57) 2,4-Dinitrotoluene	10.016	165	406914	57.395	ng	94
58) Fluorene	10.381	166	1214526	46.274	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	343459	57.705	ng	99
60) Diethylphthalate	10.257	149	1333496	50.393	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	597489	46.398	ng	99
62) 4-Nitroaniline	10.392	138	297373	48.165	ng	100
63) Azobenzene	10.534	77	1441249	51.534	ng	94
65) 4,6-Dinitro-2-methylph...	10.422	198	176880	58.480	ng	100
66) n-Nitrosodiphenylamine	10.492	169	1122382	51.125	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	386663	51.702	ng	99
68) Hexachlorobenzene	10.922	284	417772	50.604	ng	98
69) Atrazine	11.016	200	372139	54.118	ng	99
70) Pentachlorophenol	11.116	266	463204	98.365	ng	100
71) Phenanthrene	11.339	178	1774096	48.037	ng	100
72) Anthracene	11.386	178	1769714	47.344	ng	100
73) Carbazole	11.539	167	1516923	46.745	ng	100
74) Di-n-butylphthalate	11.880	149	1925152	55.498	ng	100
75) Fluoranthene	12.522	202	1630044	44.696	ng	99
77) Benzidine	12.645	184	636299	47.338	ng	99
78) Pyrene	12.751	202	1605483	46.420	ng	99
80) Butylbenzylphthalate	13.375	149	648355	56.067	ng	97
81) Benzo(a)anthracene	13.933	228	1292015	48.601	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	216353	28.721	ng	99
83) Chrysene	13.969	228	1257844	51.700	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	800891	59.406	ng	99
85) Di-n-octyl phthalate	14.545	149	1364639	64.034	ng	99
87) Indeno(1,2,3-cd)pyrene	16.792	276	1215442	41.678	ng	100
88) Benzo(b)fluoranthene	14.963	252	1416846	53.121	ng	99
89) Benzo(k)fluoranthene	14.992	252	1130559	44.828	ng	98
90) Benzo(a)pyrene	15.316	252	1206911	51.768	ng	99
91) Dibenzo(a,h)anthracene	16.815	278	1014552	43.078	ng	99
92) Benzo(g,h,i)perylene	17.221	276	948321	39.601	ng	98

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

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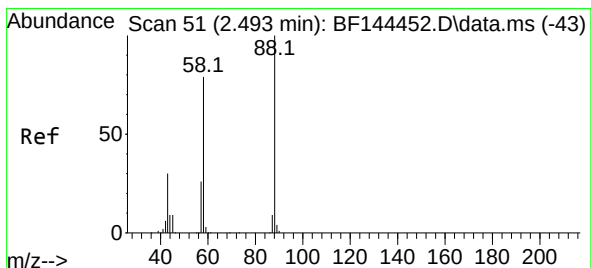
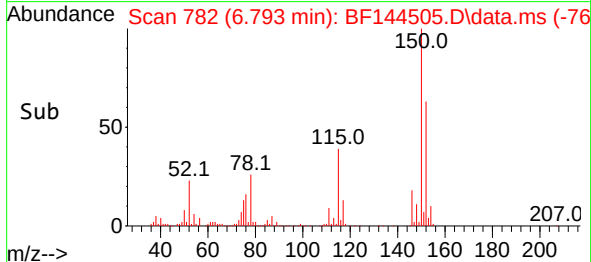
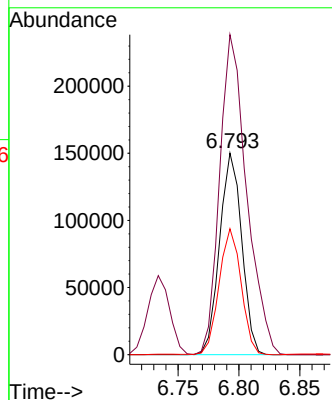
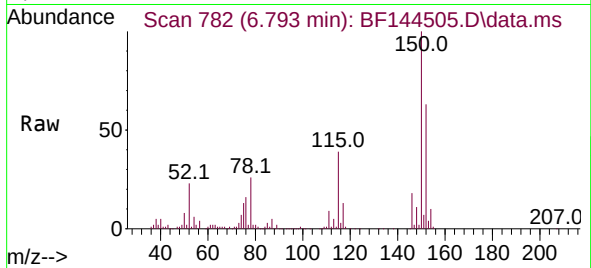




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: BF144505.D
 Acq: 16 Dec 2025 20:15

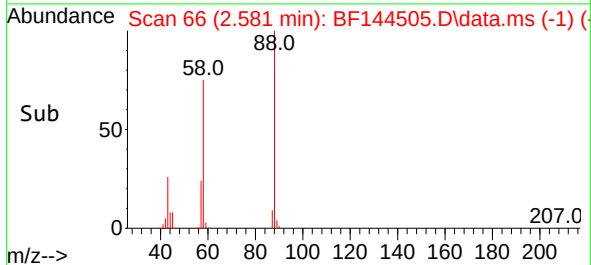
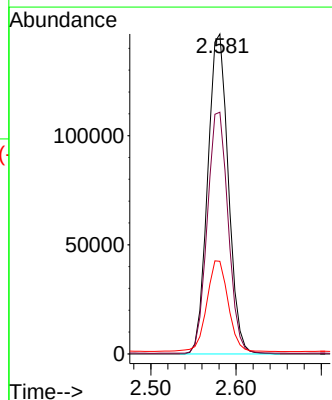
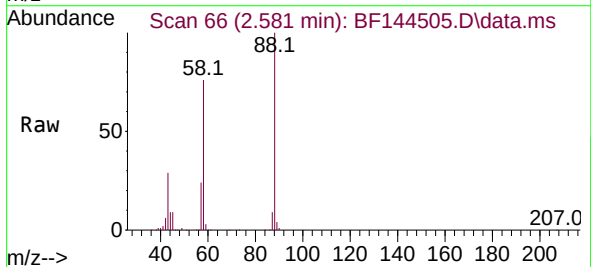
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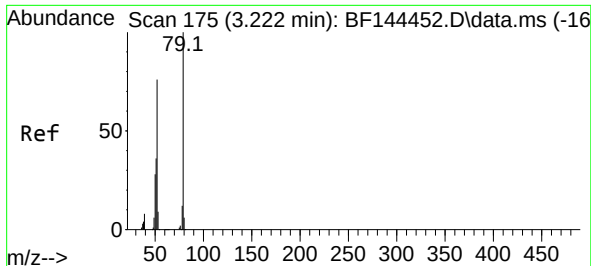
Tgt Ion:152 Resp: 190033
 Ion Ratio Lower Upper
 152 100
 150 158.8 127.4 191.2
 115 62.4 51.4 77.0



#2
 1,4-Dioxane
 Concen: 40.524 ng
 RT: 2.581 min Scan# 66
 Delta R.T. 0.088 min
 Lab File: BF144505.D
 Acq: 16 Dec 2025 20:15

Tgt Ion: 88 Resp: 245587
 Ion Ratio Lower Upper
 88 100
 58 76.4 63.9 95.9
 43 29.7 24.2 36.4

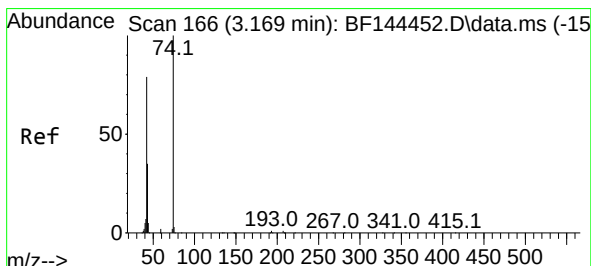
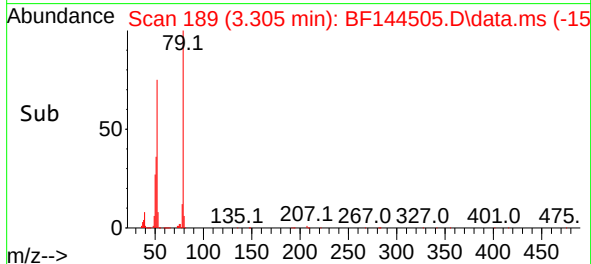
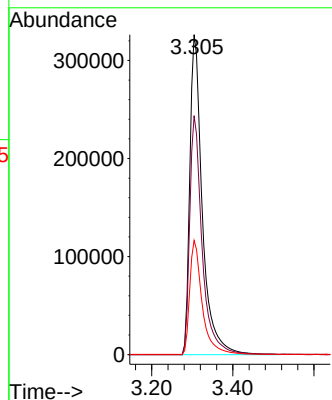
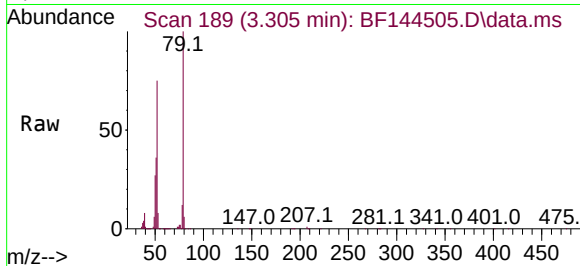




#3
Pyridine
Concen: 41.951 ng
RT: 3.305 min Scan# 181
Delta R.T. 0.082 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

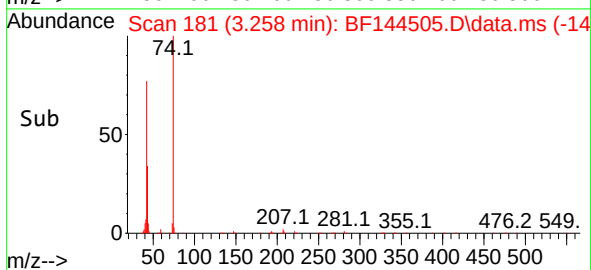
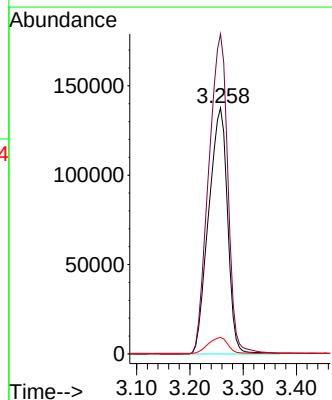
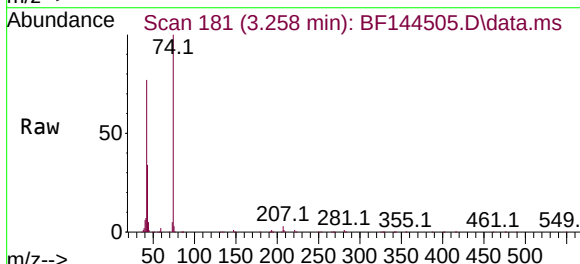
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

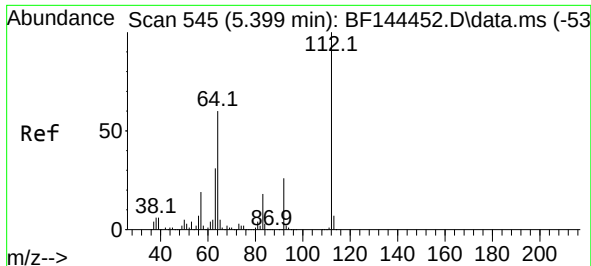
Tgt Ion: 79 Resp: 699100
Ion Ratio Lower Upper
79 100
52 74.7 60.5 90.7
51 35.7 29.0 43.6



#4
n-Nitrosodimethylamine
Concen: 46.953 ng
RT: 3.258 min Scan# 181
Delta R.T. 0.088 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion: 42 Resp: 340046
Ion Ratio Lower Upper
42 100
74 130.1 101.8 152.8
44 6.7 5.7 8.5

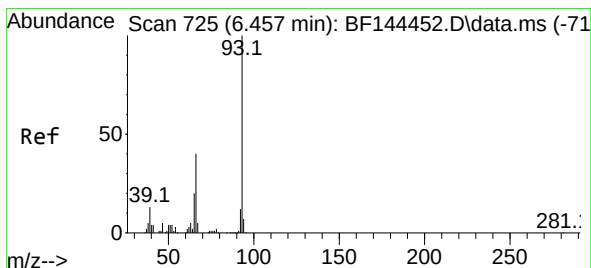
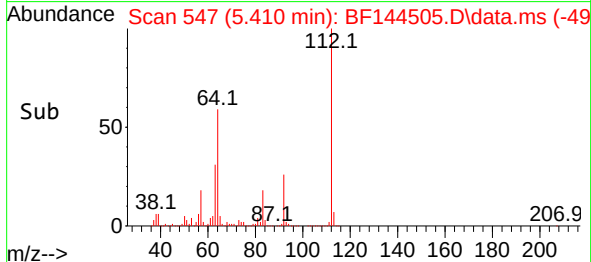
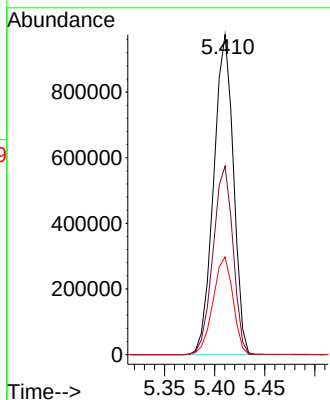
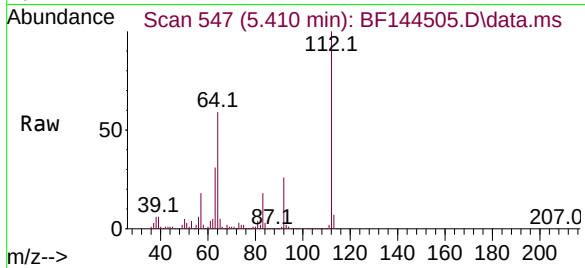




#5
2-Fluorophenol
Concen: 106.456 ng
RT: 5.410 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

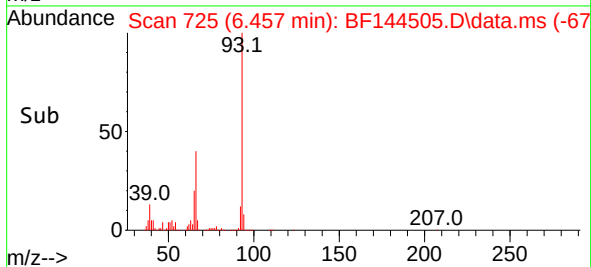
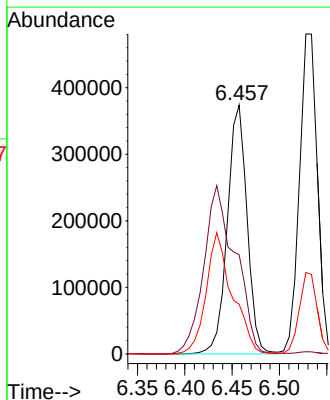
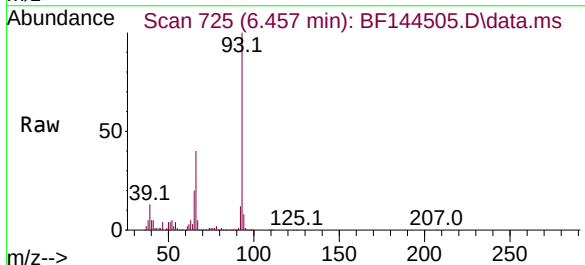
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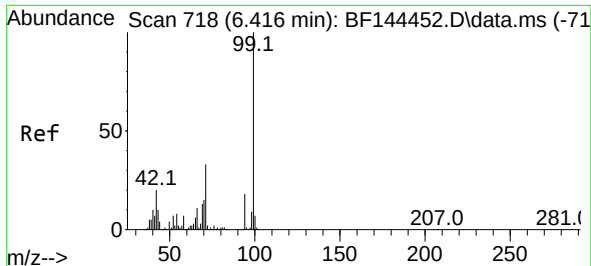
Tgt Ion:112 Resp: 1341687
Ion Ratio Lower Upper
112 100
64 58.9 47.8 71.6
63 30.5 24.6 37.0



#6
Aniline
Concen: 24.731 ng
RT: 6.457 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion: 93 Resp: 542314
Ion Ratio Lower Upper
93 100
66 39.9 32.4 48.6
65 19.9 16.1 24.1

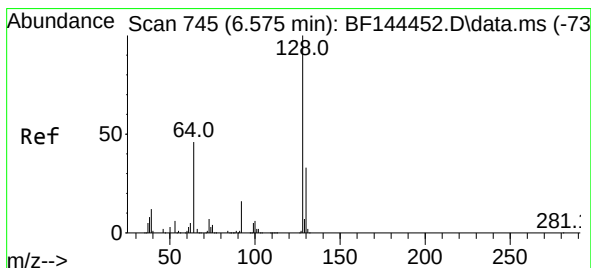
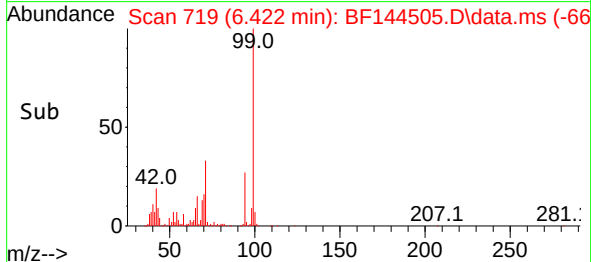
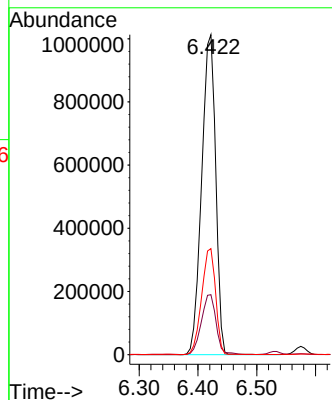
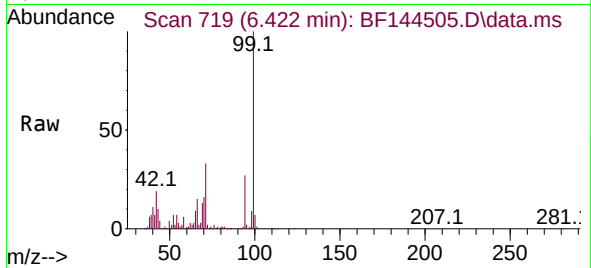




#7
Phenol-d6
Concen: 106.616 ng
RT: 6.422 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

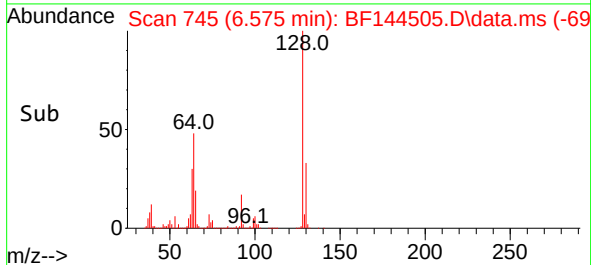
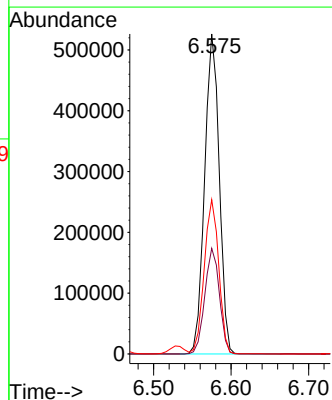
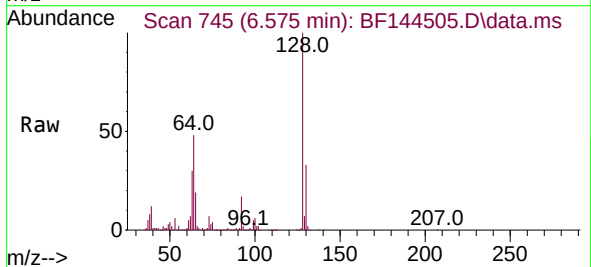
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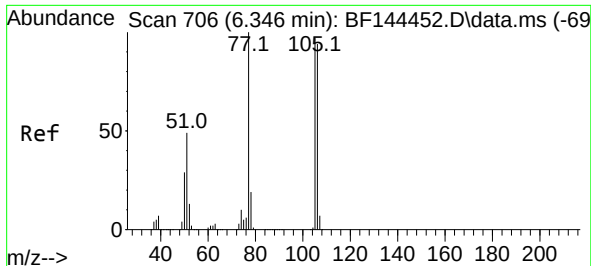
Tgt Ion: 99 Resp: 1676033
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 33.1 26.4 39.6



#8
2-Chlorophenol
Concen: 50.986 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion: 128 Resp: 688936
Ion Ratio Lower Upper
128 100
130 33.0 13.0 53.0
64 48.2 28.9 68.9

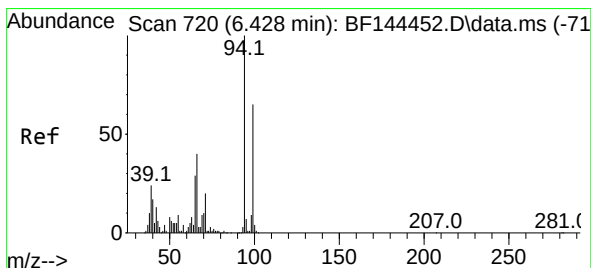
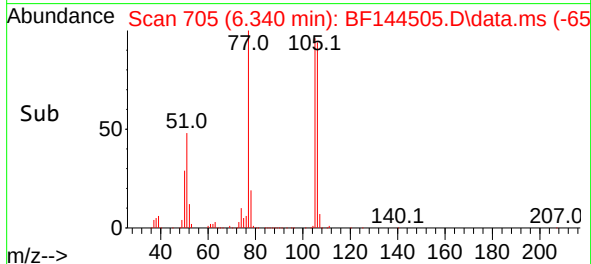
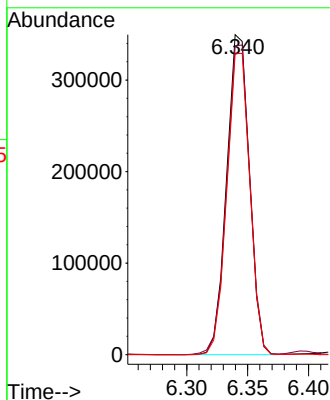
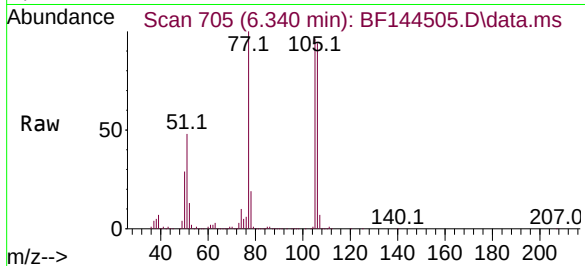




#9
Benzaldehyde
Concen: 36.997 ng
RT: 6.340 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

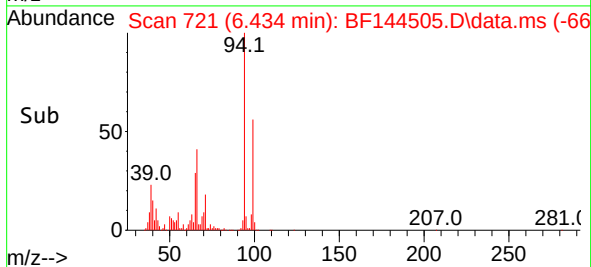
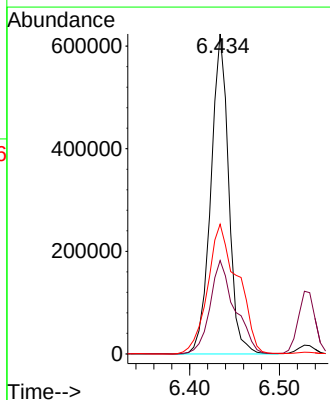
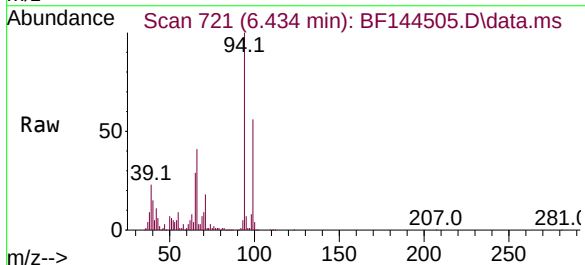
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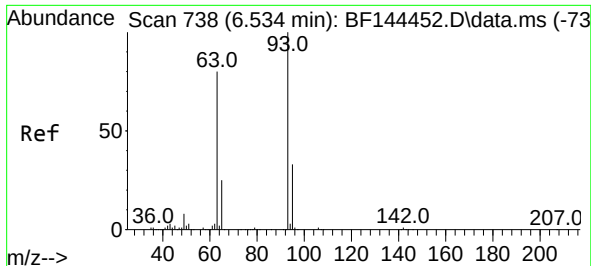
Tgt Ion: 77 Resp: 455309
Ion Ratio Lower Upper
77 100
105 96.4 77.0 117.0
106 94.0 74.1 114.1



#10
Phenol
Concen: 46.306 ng
RT: 6.434 min Scan# 721
Delta R.T. 0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion: 94 Resp: 859136
Ion Ratio Lower Upper
94 100
65 29.2 9.1 49.1
66 40.5 20.3 60.3

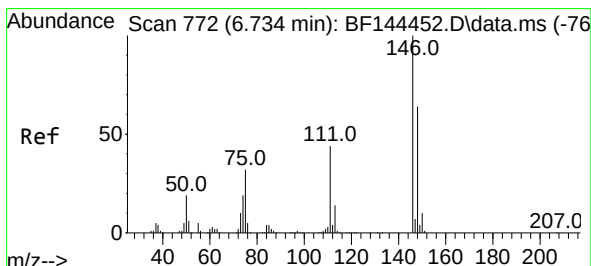
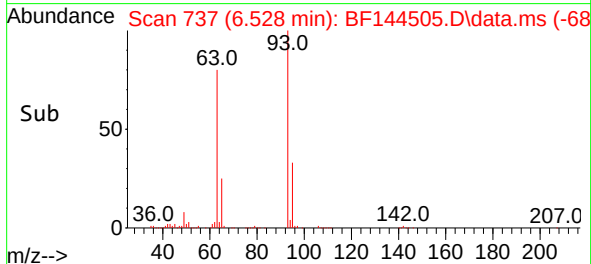
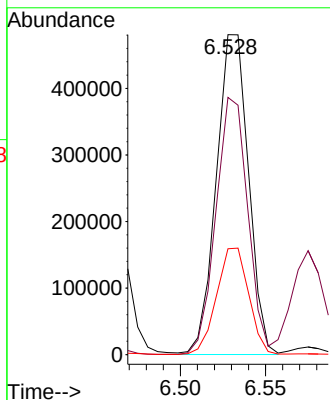
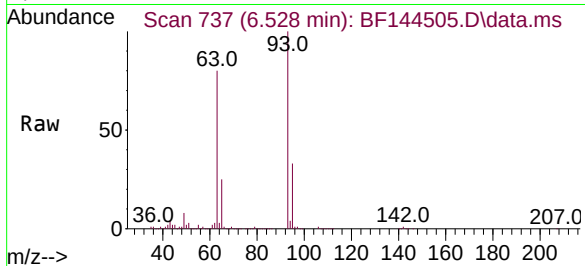




#11
bis(2-Chloroethyl)ether
Concen: 46.617 ng
RT: 6.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

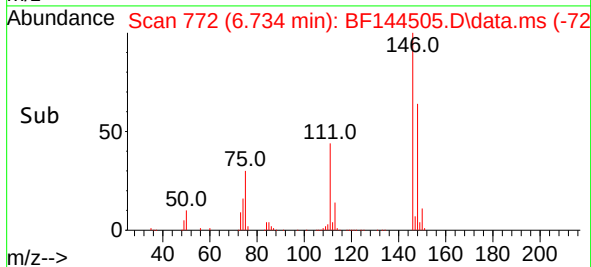
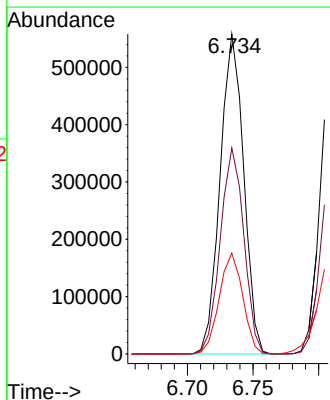
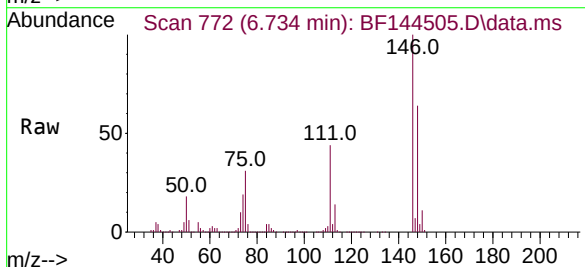
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

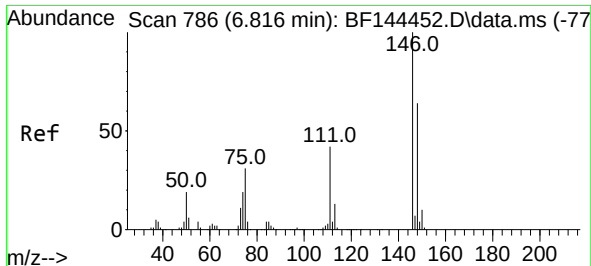
Tgt Ion: 93 Resp: 632191
Ion Ratio Lower Upper
93 100
63 80.4 59.8 99.8
95 33.1 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 47.714 ng
RT: 6.734 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:146 Resp: 696578
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
75 31.5 25.8 38.8

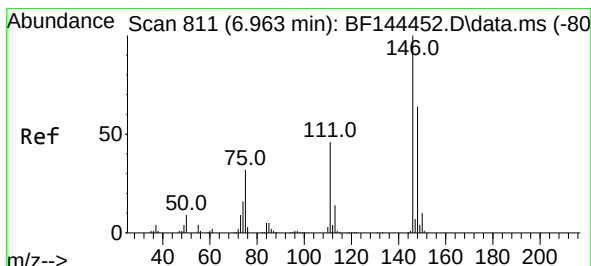
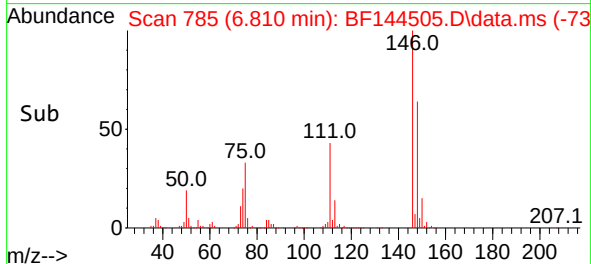
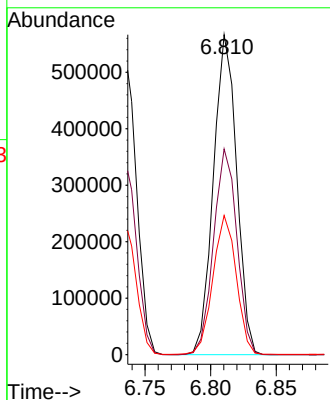
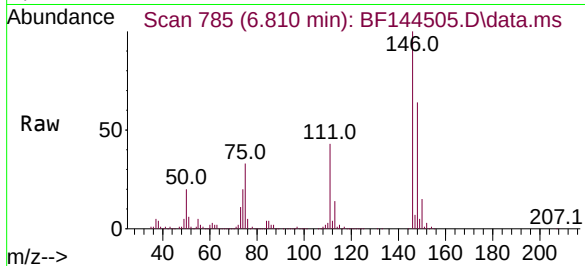




#13
1,4-Dichlorobenzene
Concen: 47.790 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

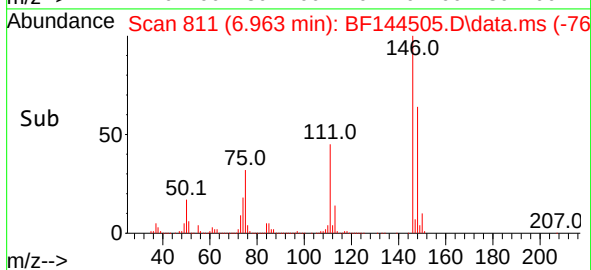
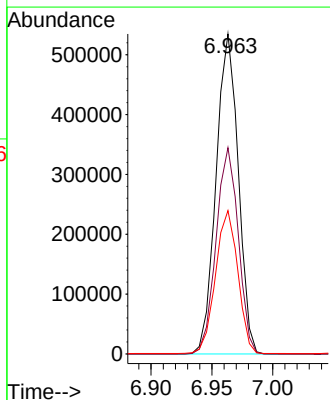
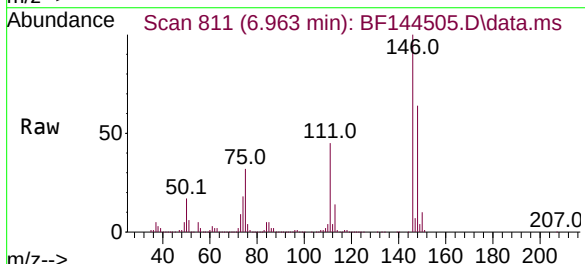
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

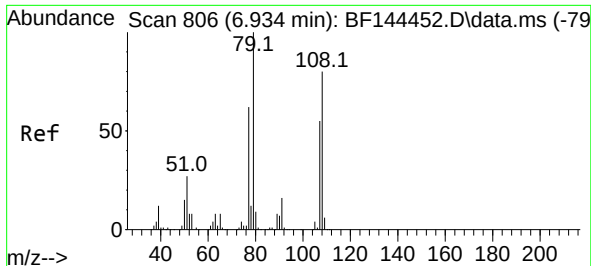
Tgt Ion:146 Resp: 700034
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 43.5 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 48.728 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:146 Resp: 677836
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 44.8 36.5 54.7

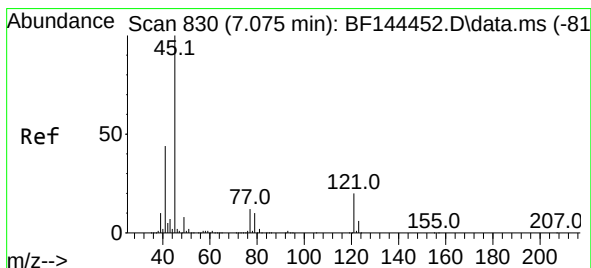
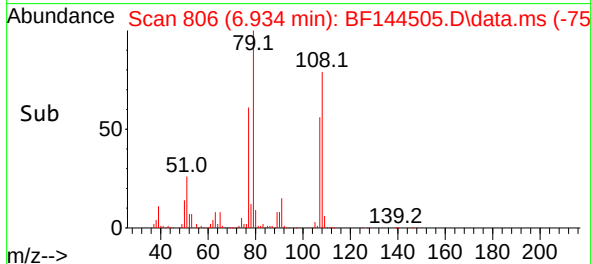
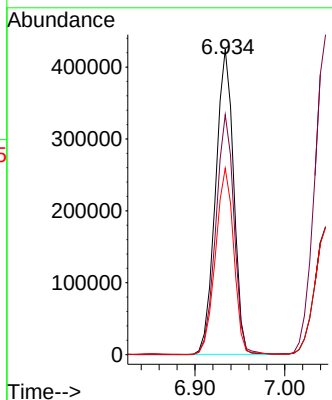
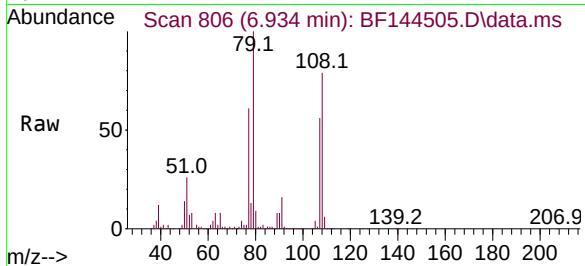




#15
Benzyl Alcohol
Concen: 51.524 ng
RT: 6.934 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

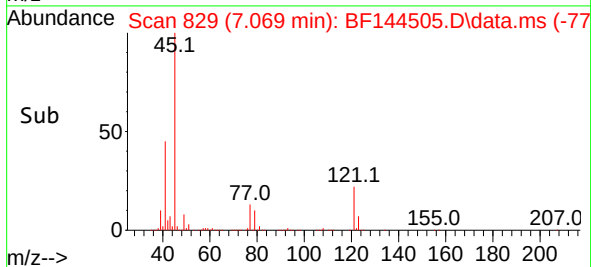
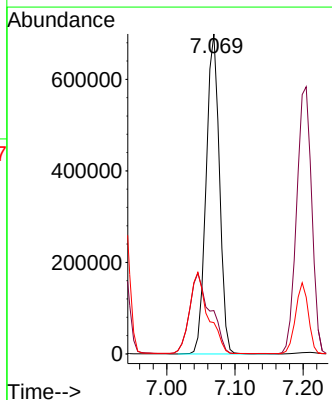
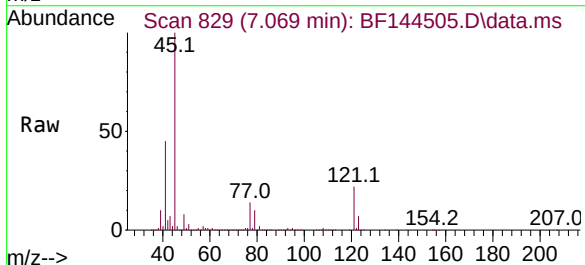
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

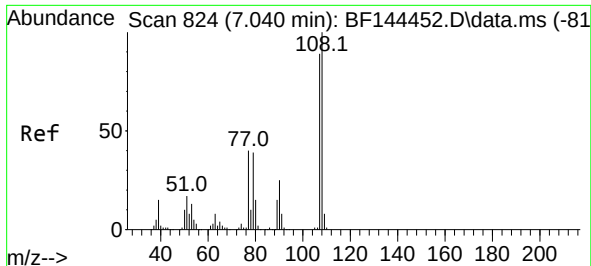
Tgt Ion: 79 Resp: 597010
Ion Ratio Lower Upper
79 100
108 78.5 63.7 95.5
77 61.0 49.3 73.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.482 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion: 45 Resp: 949351
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.6
79 9.8 0.0 29.9

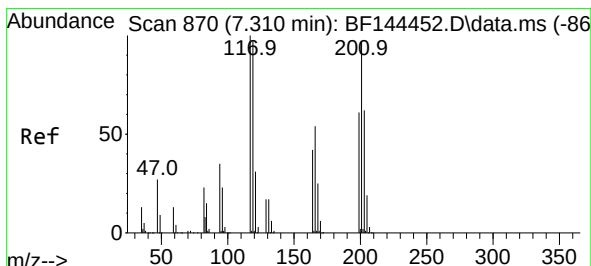
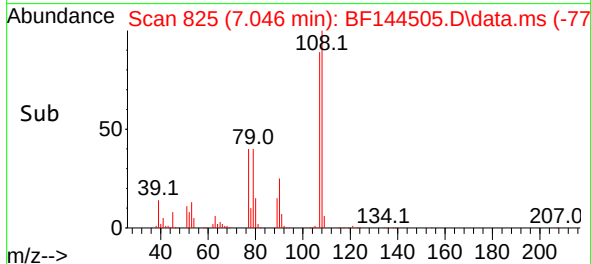
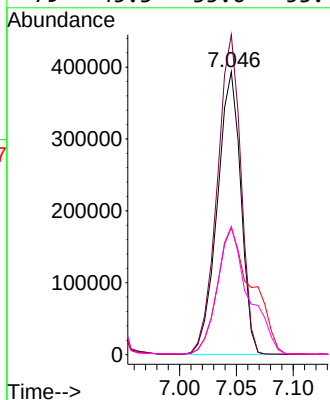
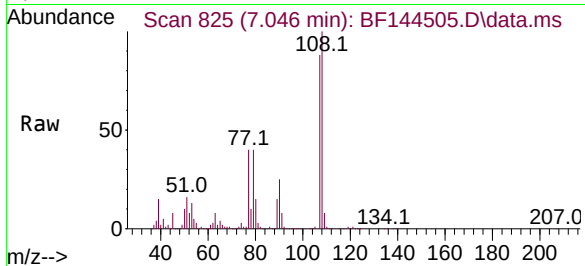




#17
2-Methylphenol
Concen: 49.634 ng
RT: 7.046 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

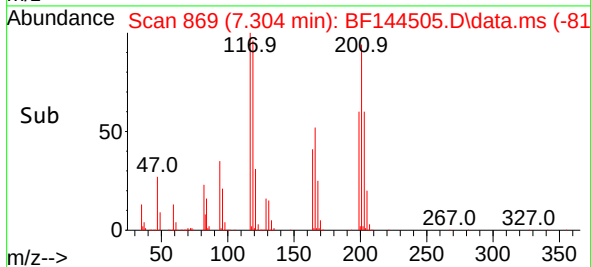
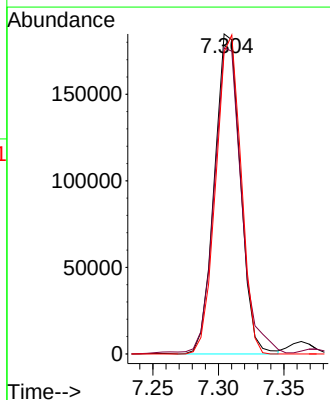
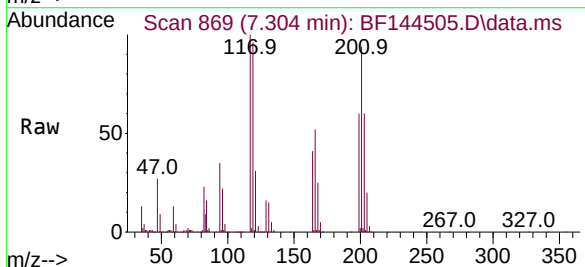
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

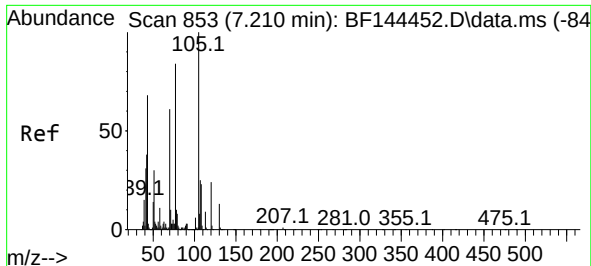
Tgt Ion:107 Resp: 565338
Ion Ratio Lower Upper
107 100
108 113.1 89.9 134.9
77 44.9 35.7 53.5
79 45.3 35.6 53.4



#18
Hexachloroethane
Concen: 49.855 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:117 Resp: 253740
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
201 94.3 77.3 115.9

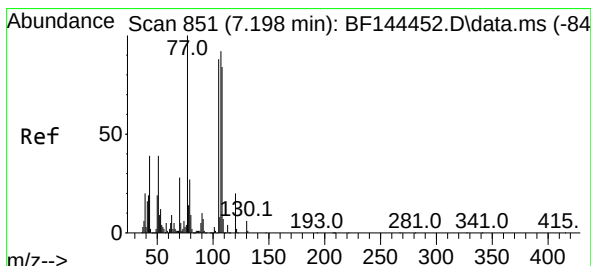
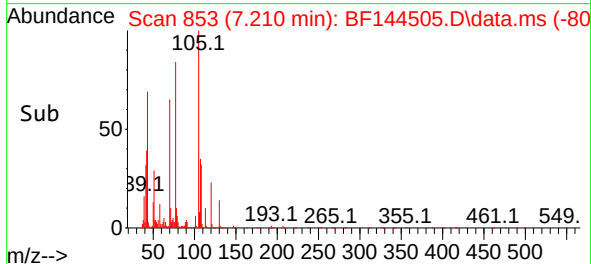
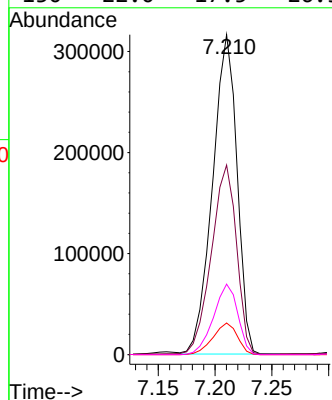
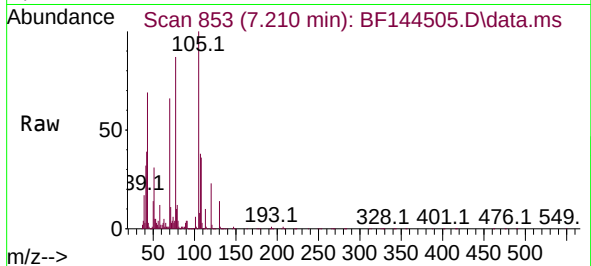




#19
n-Nitroso-di-n-propylamine
Concen: 47.680 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

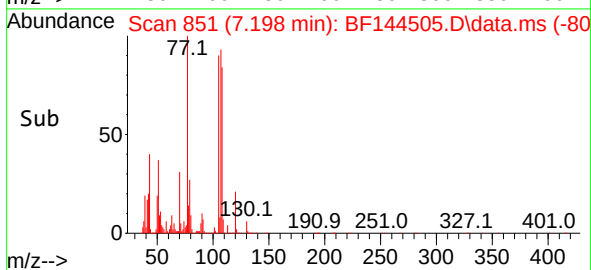
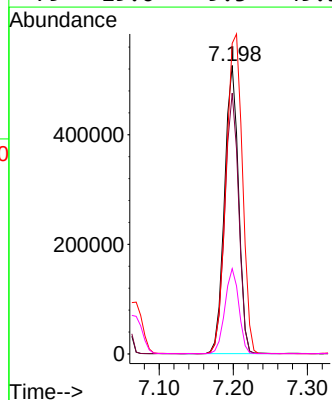
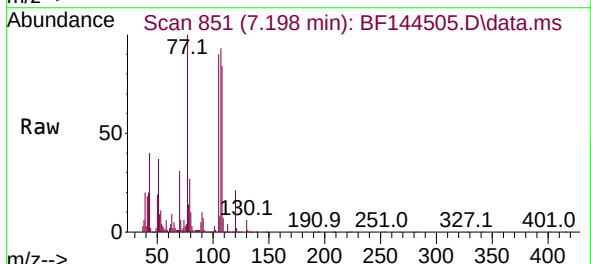
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

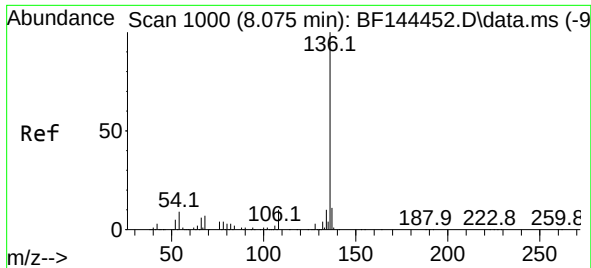
Tgt Ion: 70 Resp: 473461
Ion Ratio Lower Upper
70 100
42 59.2 49.4 74.0
101 9.9 7.8 11.6
130 22.0 17.5 26.3



#20
3+4-Methylphenols
Concen: 49.277 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion: 107 Resp: 689633
Ion Ratio Lower Upper
107 100
108 90.4 71.5 111.5
77 107.6 88.5 128.5
79 29.6 9.3 49.3

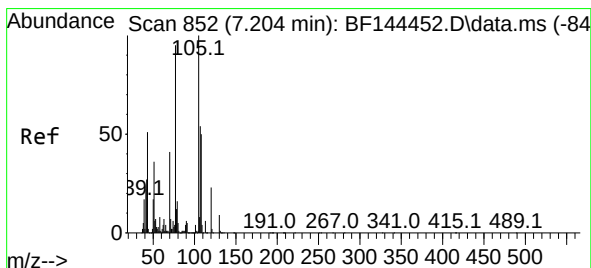
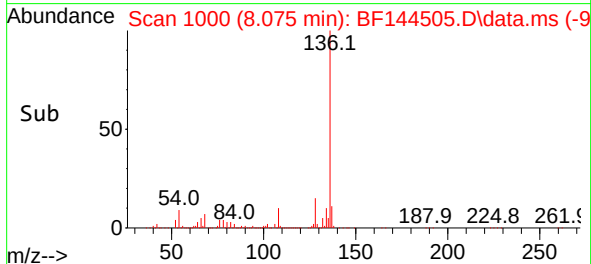
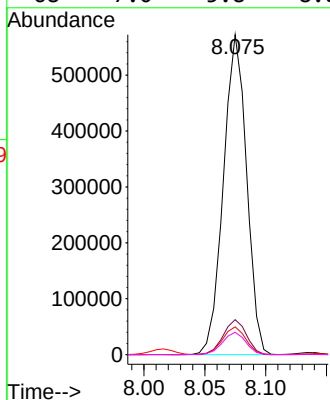
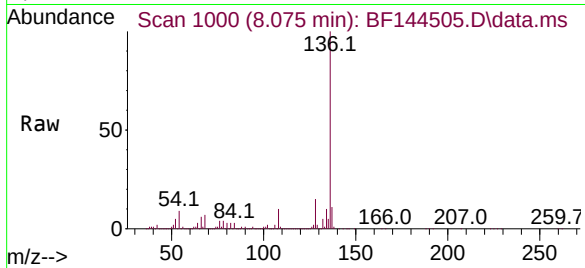




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

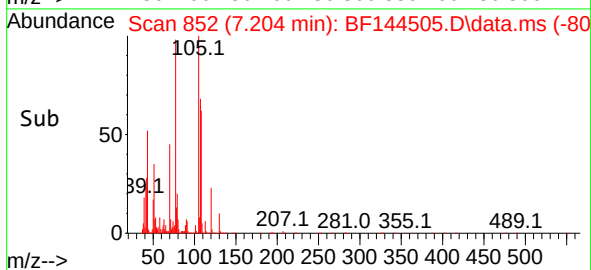
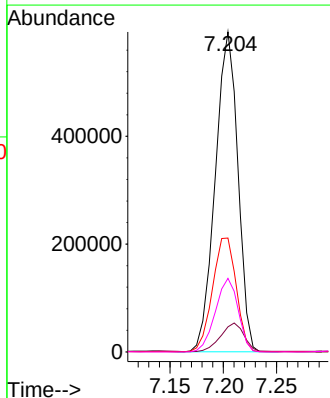
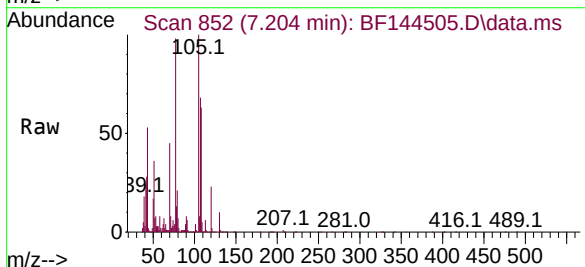
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

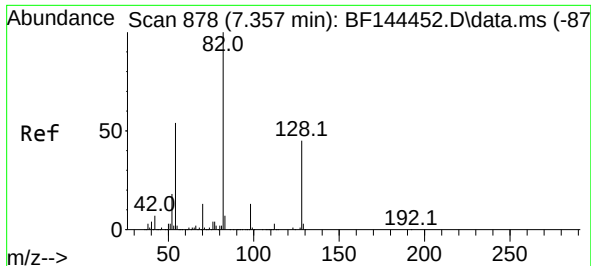
Tgt	Ion:136	Resp:	759235
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.7	7.5	11.3
68	7.0	5.8	8.8



#22
Acetophenone
Concen: 46.590 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:105	Resp: 877389
Ion Ratio	Lower Upper
105 100	
71 7.8	5.6 8.4
51 35.6	28.6 42.8
120 23.0	18.6 27.8





#23

Nitrobenzene-d5

Concen: 84.378 ng

RT: 7.357 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

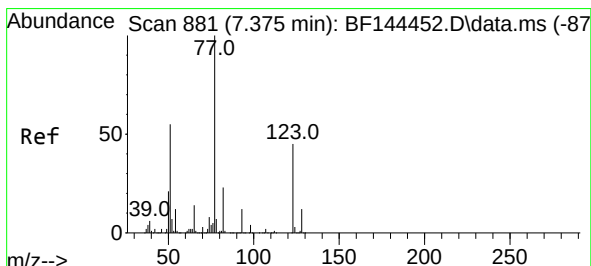
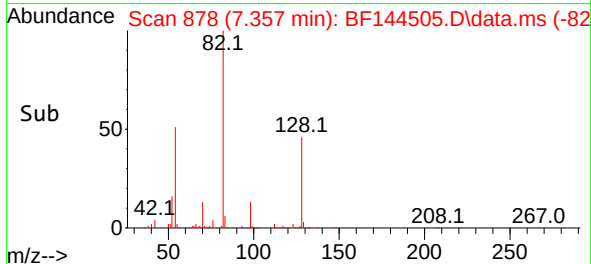
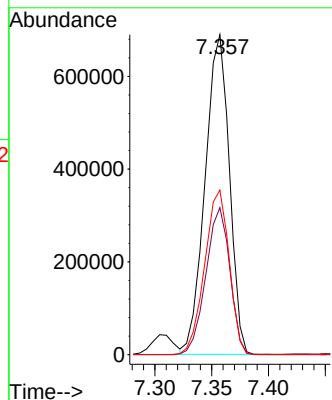
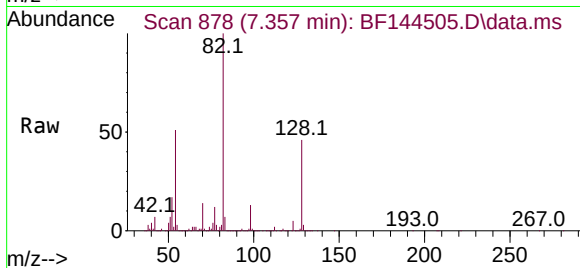
BNA_F

ClientSampleId :

B150(10-12)121225MSD

Tgt Ion: 82 Resp: 1023727

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.5	53.3
54	51.4	43.3	64.9



#24

Nitrobenzene

Concen: 53.798 ng

RT: 7.375 min Scan# 881

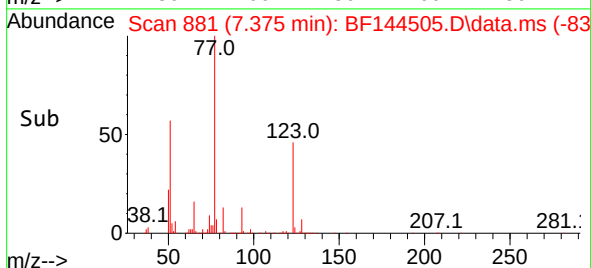
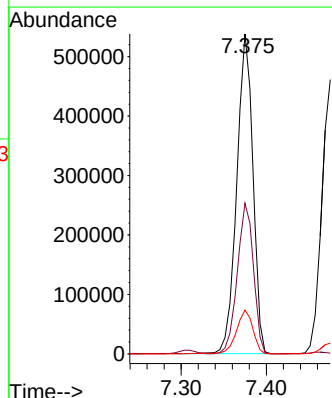
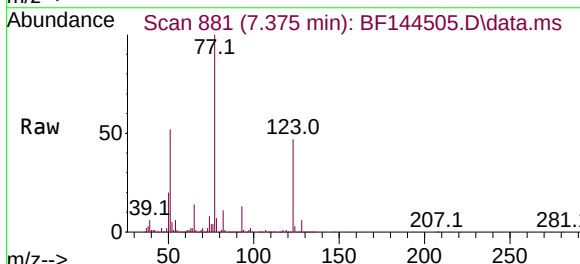
Delta R.T. 0.000 min

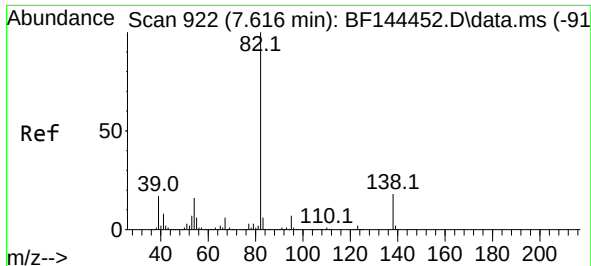
Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Tgt Ion: 77 Resp: 708074

Ion	Ratio	Lower	Upper
77	100		
123	47.1	36.2	54.2
65	13.7	11.0	16.6

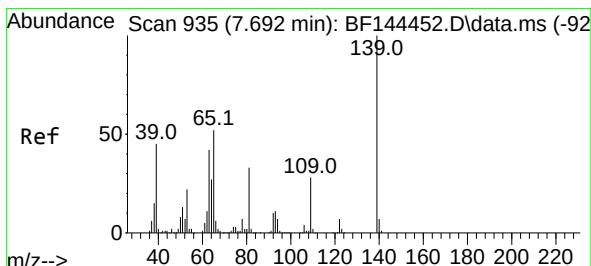
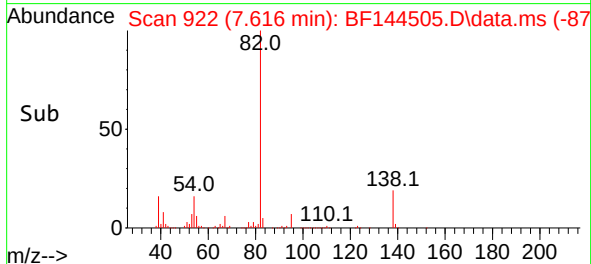
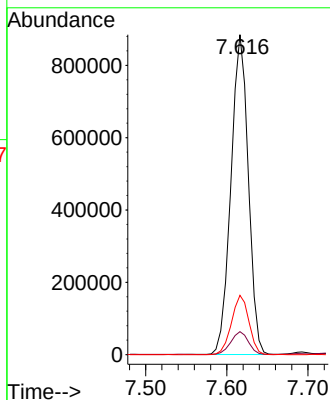
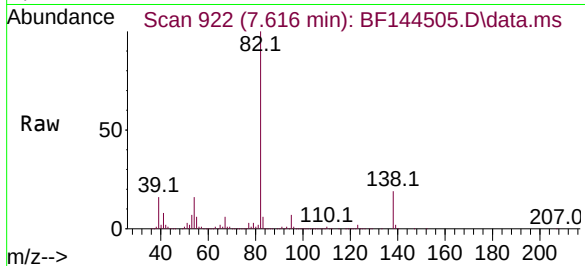




#25
Isophorone
Concen: 48.020 ng
RT: 7.616 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

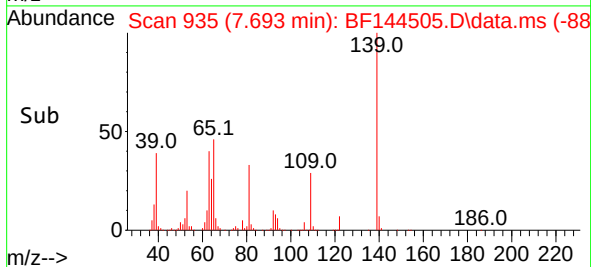
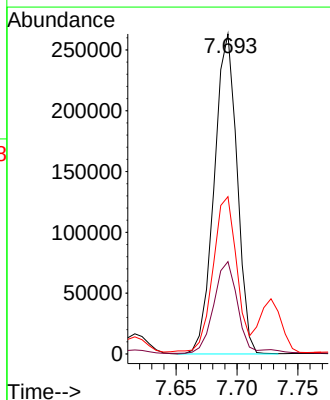
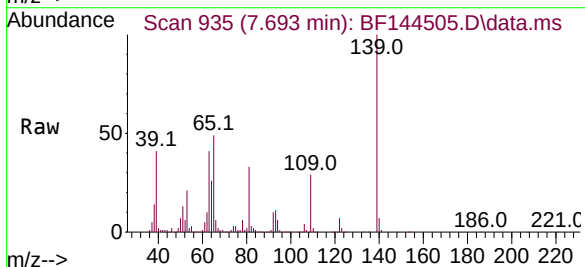
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

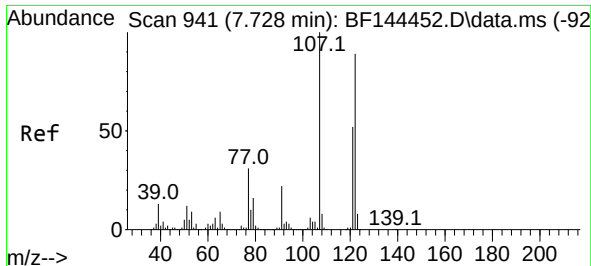
Tgt Ion: 82 Resp: 1314858
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 18.5 14.4 21.6



#26
2-Nitrophenol
Concen: 58.258 ng
RT: 7.693 min Scan# 935
Delta R.T. 0.001 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:139 Resp: 344578
Ion Ratio Lower Upper
139 100
109 28.8 22.1 33.1
65 49.1 41.5 62.3





#27

2,4-Dimethylphenol

Concen: 50.901 ng

RT: 7.728 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

B150(10-12)121225MSD

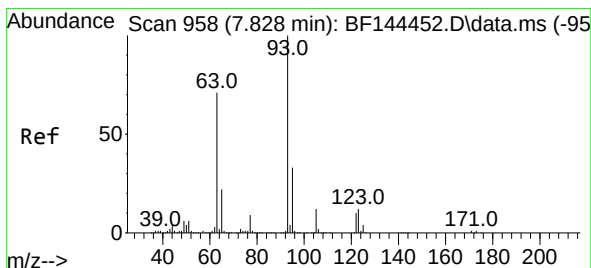
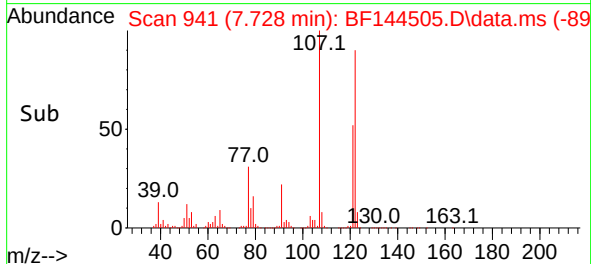
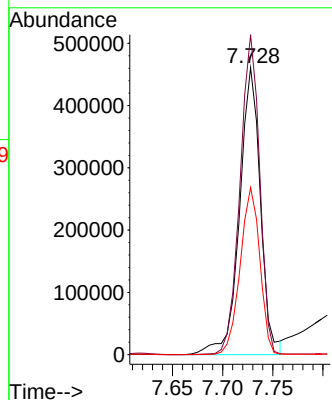
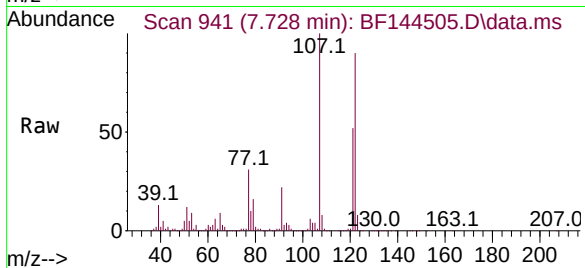
Tgt Ion:122 Resp: 665014

Ion Ratio Lower Upper

122 100

107 111.5 90.0 135.0

121 58.2 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 46.838 ng

RT: 7.828 min Scan# 958

Delta R.T. 0.000 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

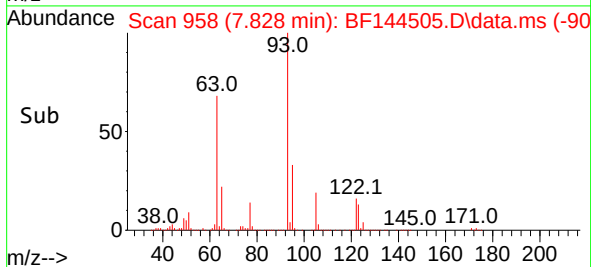
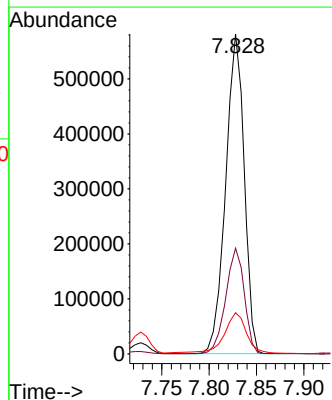
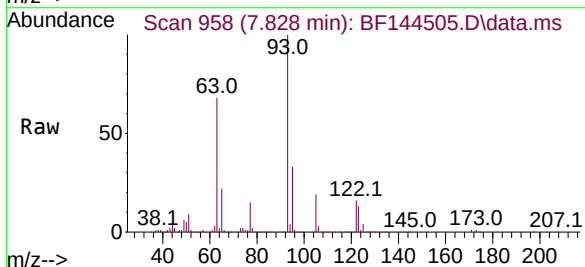
Tgt Ion: 93 Resp: 790266

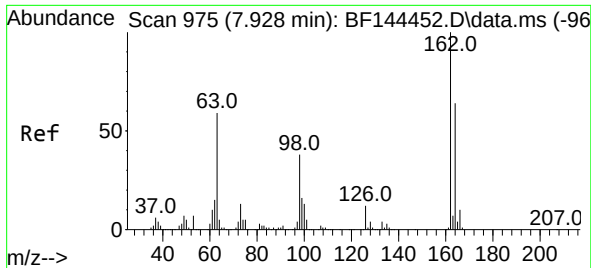
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 12.9 10.2 15.4

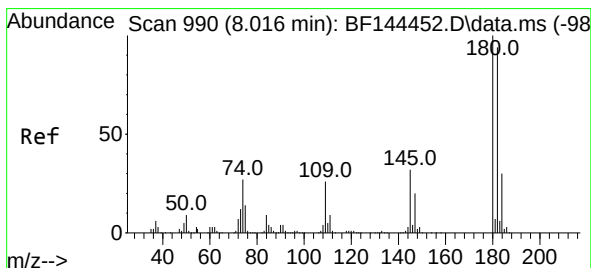
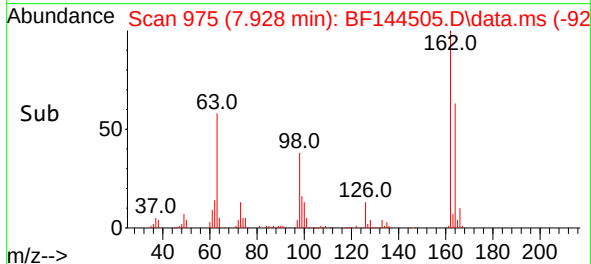
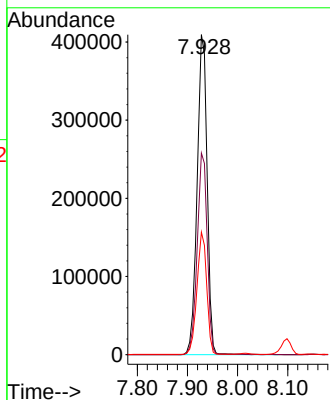
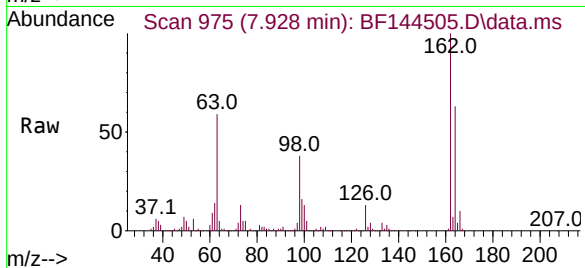




#29
2,4-Dichlorophenol
Concen: 52.234 ng
RT: 7.928 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

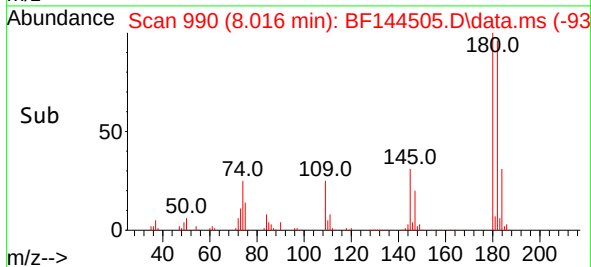
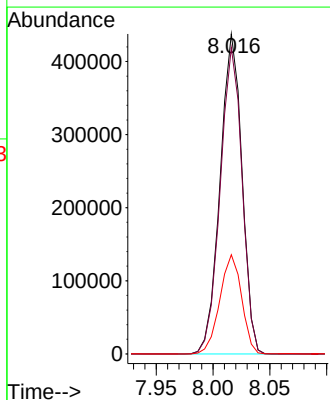
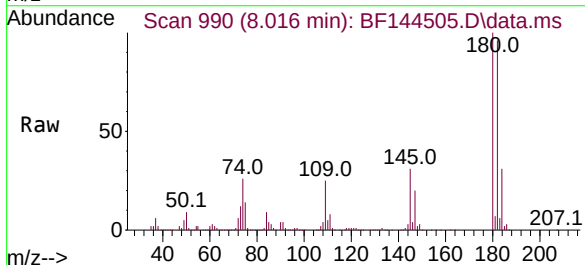
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

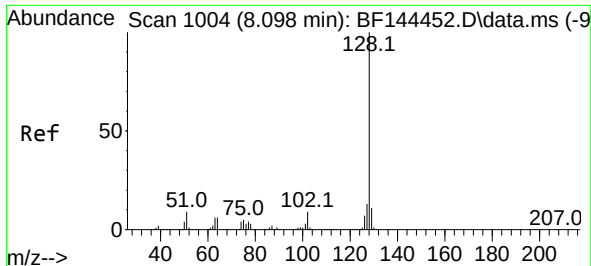
Tgt Ion:162 Resp: 567039
Ion Ratio Lower Upper
162 100
164 63.0 44.2 84.2
98 38.3 17.8 57.8



#30
1,2,4-Trichlorobenzene
Concen: 49.698 ng
RT: 8.016 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:180 Resp: 585145
Ion Ratio Lower Upper
180 100
182 95.7 75.2 112.8
145 31.0 25.3 37.9





#31

Naphthalene

Concen: 47.301 ng

RT: 8.098 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

B150(10-12)121225MSD

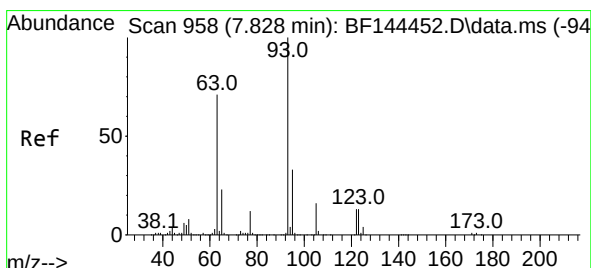
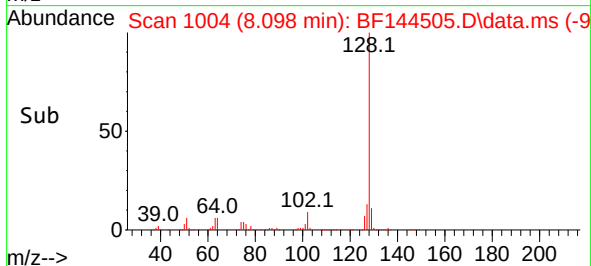
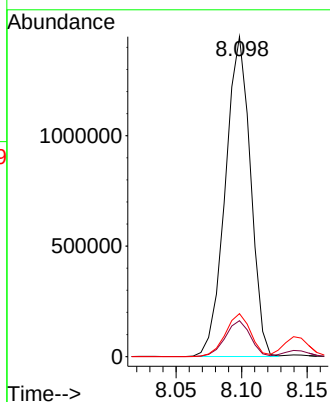
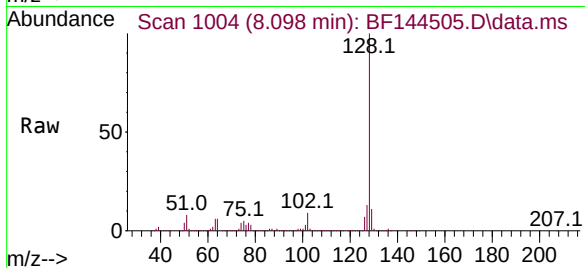
Tgt Ion:128 Resp: 1932822

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 53.867 ng

RT: 7.845 min Scan# 961

Delta R.T. 0.017 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

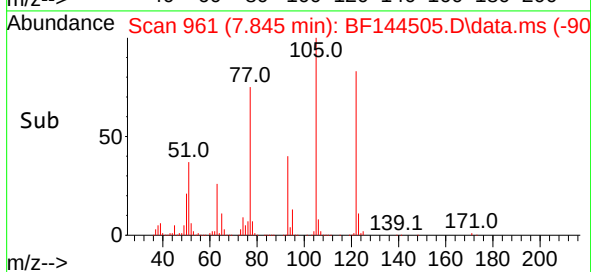
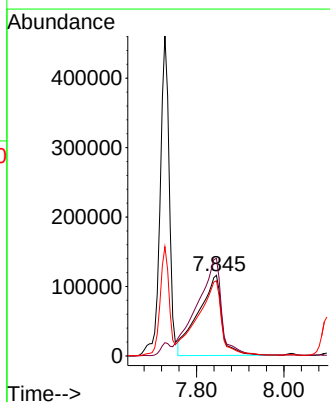
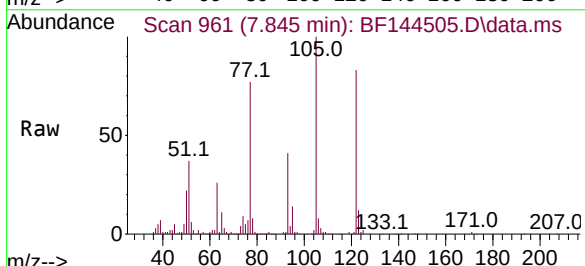
Tgt Ion:122 Resp: 436666

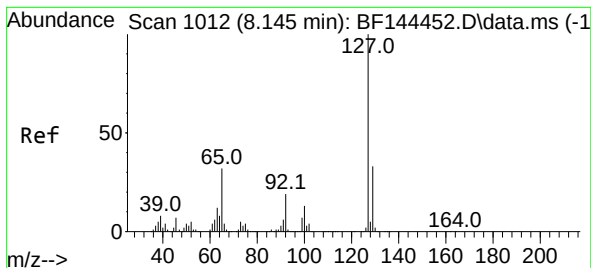
Ion Ratio Lower Upper

122 100

105 121.1 103.2 143.2

77 93.2 75.1 115.1





#33

4-Chloroaniline

Concen: 7.511 ng

RT: 8.140 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

B150(10-12)121225MSD

Tgt Ion:127 Resp: 123366

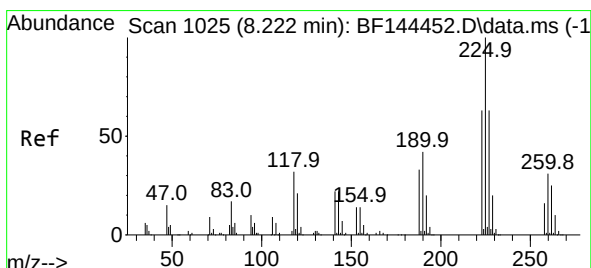
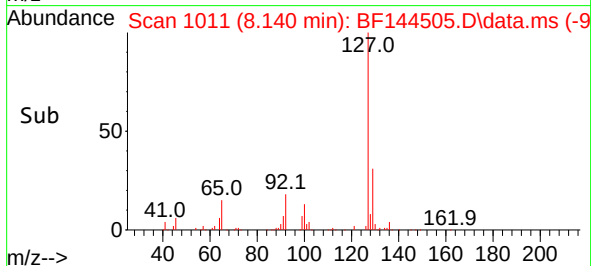
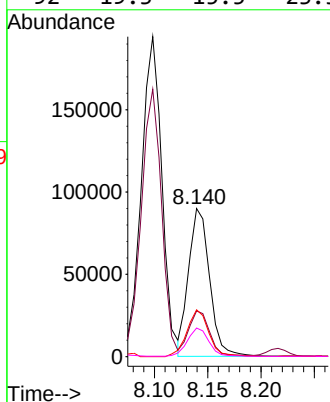
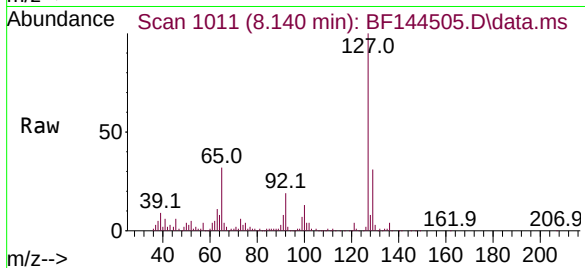
Ion Ratio Lower Upper

127 100

129 30.9 26.2 39.4

65 31.6 25.8 38.8

92 19.3 15.5 23.3



#34

Hexachlorobutadiene

Concen: 46.947 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

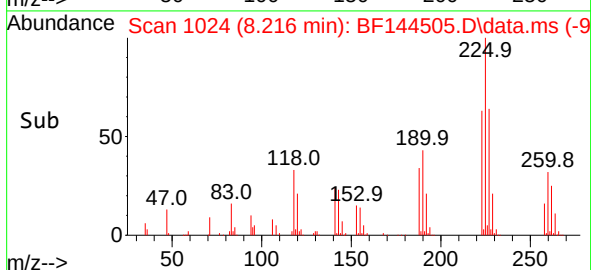
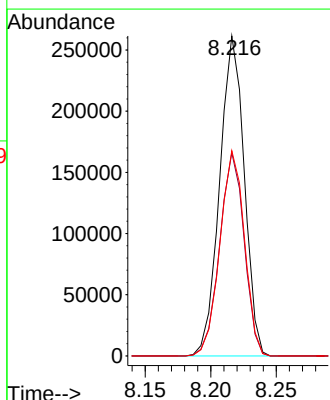
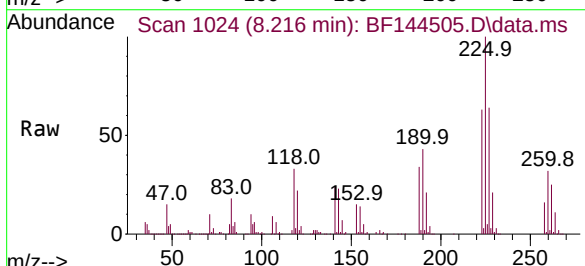
Tgt Ion:225 Resp: 341782

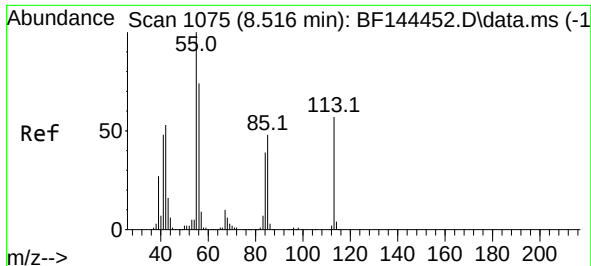
Ion Ratio Lower Upper

225 100

223 63.5 50.1 75.1

227 64.1 50.3 75.5

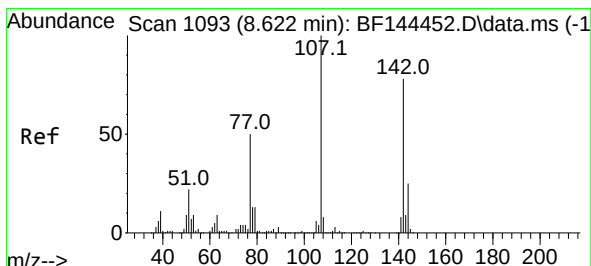
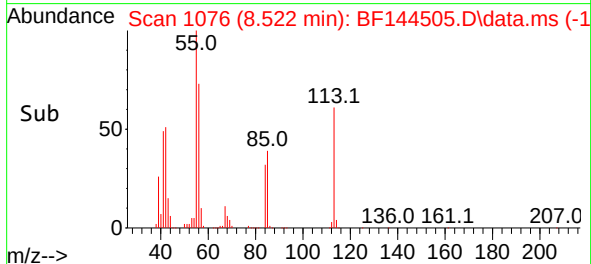
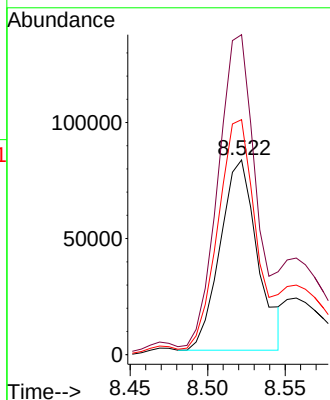
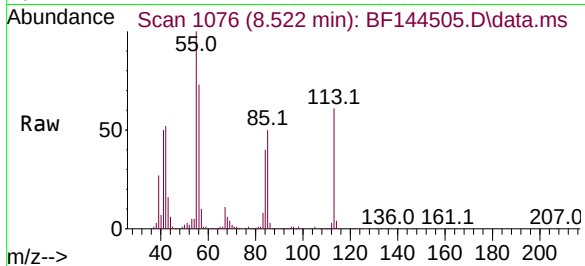




#35
 Caprolactam
 Concen: 38.497 ng
 RT: 8.522 min Scan# 1076
 Delta R.T. 0.006 min
 Lab File: BF144505.D
 Acq: 16 Dec 2025 20:15

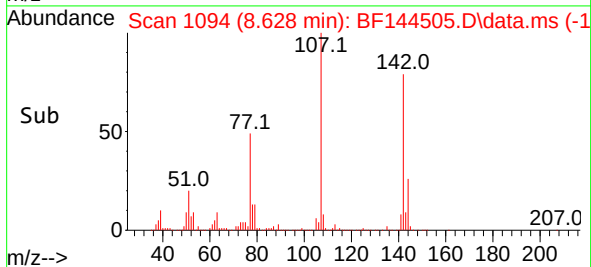
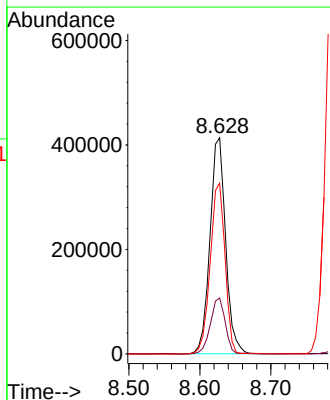
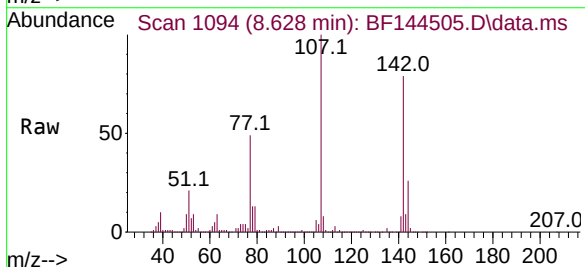
Instrument :
 BNA_F
 ClientSampleId :
 B150(10-12)121225MSD

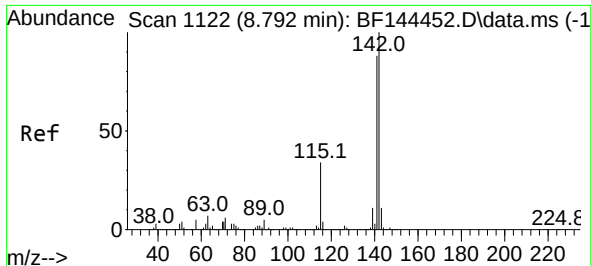
Tgt Ion:113 Resp: 138006
 Ion Ratio Lower Upper
 113 100
 55 164.3 154.5 194.5
 56 120.7 109.8 149.8



#36
 4-Chloro-3-methylphenol
 Concen: 53.799 ng
 RT: 8.628 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF144505.D
 Acq: 16 Dec 2025 20:15

Tgt Ion:107 Resp: 634006
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.4 30.6
 142 79.0 62.4 93.6





#37

2-Methylnaphthalene

Concen: 43.438 ng

RT: 8.787 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

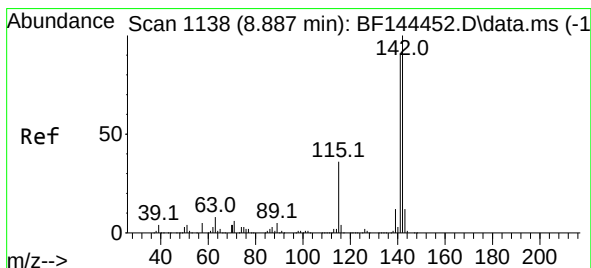
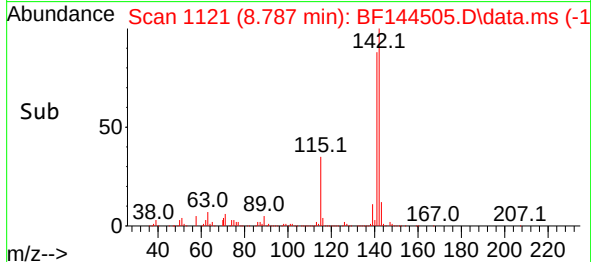
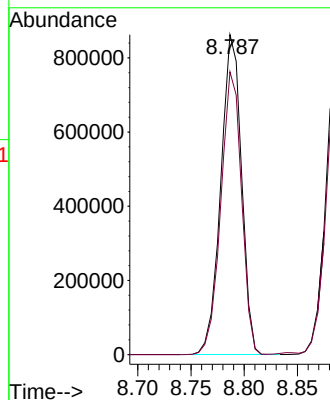
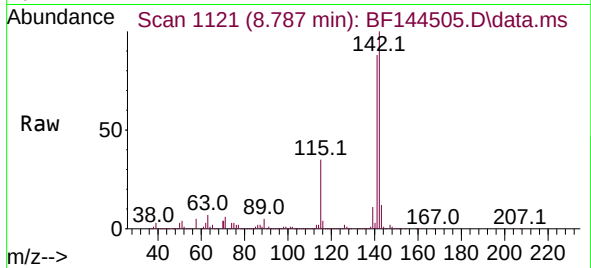
B150(10-12)121225MSD

Tgt Ion:142 Resp: 1167830

Ion Ratio Lower Upper

142 100

141 88.4 70.0 105.0



#38

1-Methylnaphthalene

Concen: 45.702 ng

RT: 8.887 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF144505.D

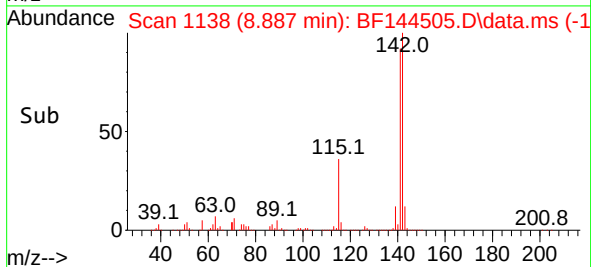
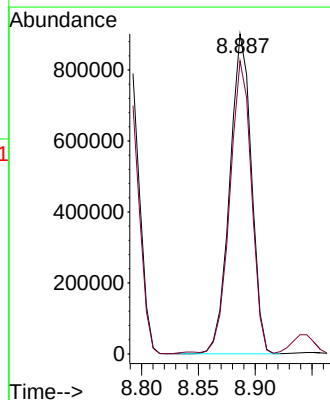
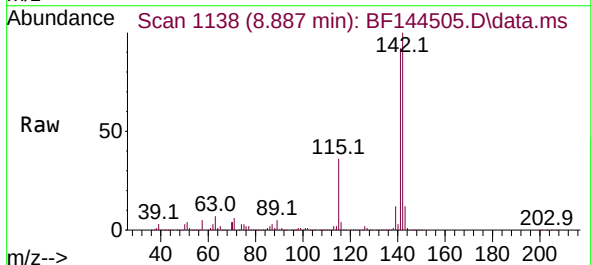
Acq: 16 Dec 2025 20:15

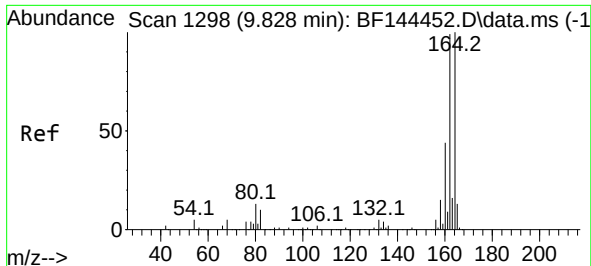
Tgt Ion:142 Resp: 1196411

Ion Ratio Lower Upper

142 100

141 91.6 72.6 109.0

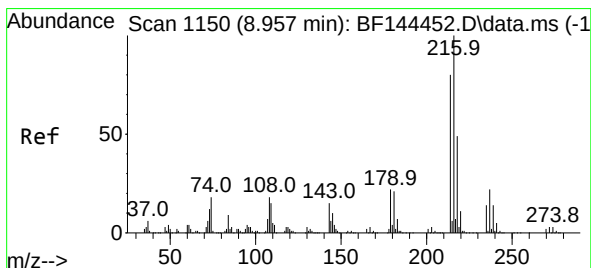
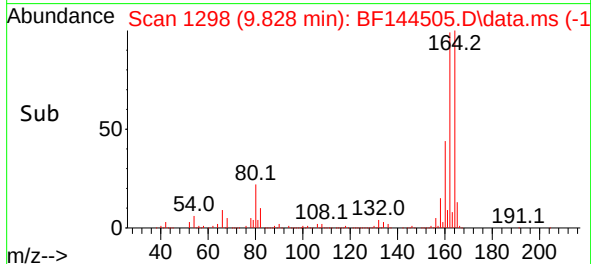
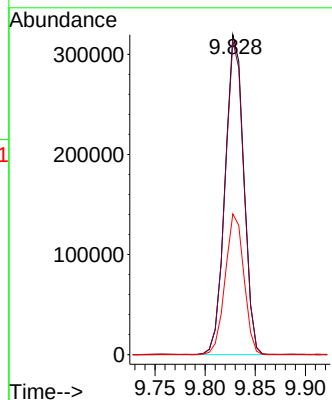
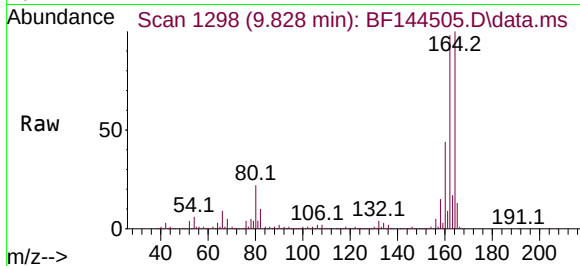




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

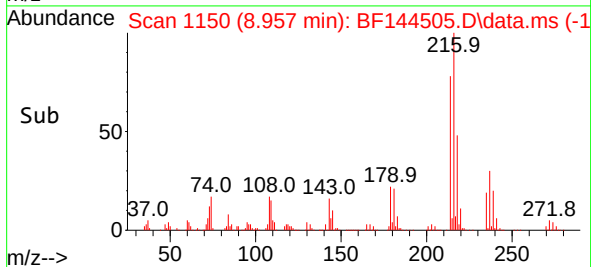
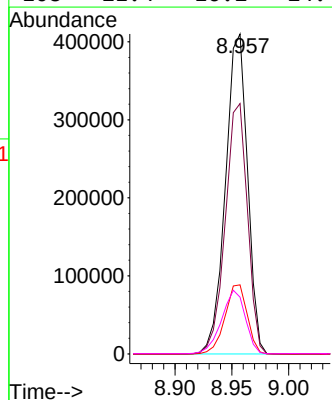
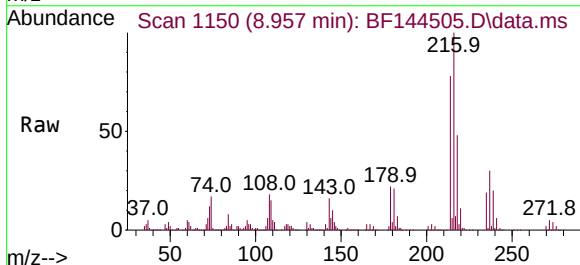
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

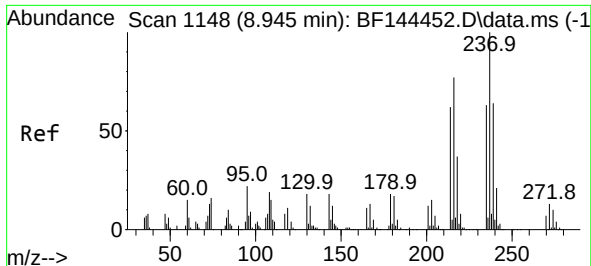
Tgt Ion:164 Resp: 413351
Ion Ratio Lower Upper
164 100
162 97.9 79.2 118.8
160 44.0 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.045 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:216 Resp: 553430
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.6
179 21.8 17.7 26.5
108 21.4 16.2 24.4

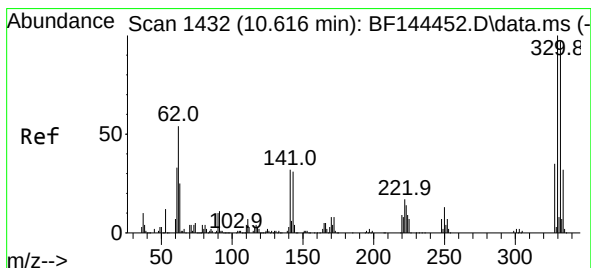
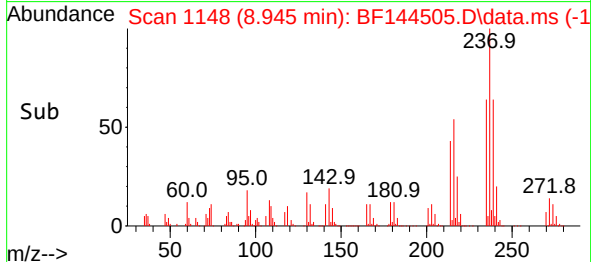
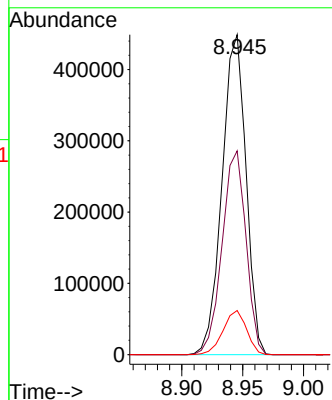
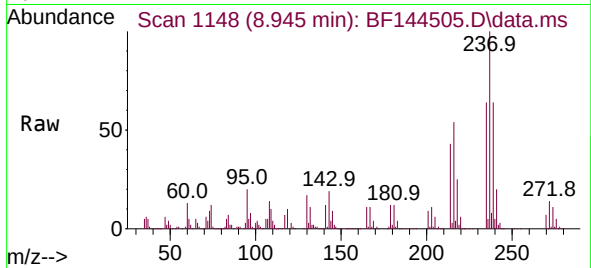




#41
Hexachlorocyclopentadiene
Concen: 88.377 ng
RT: 8.945 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

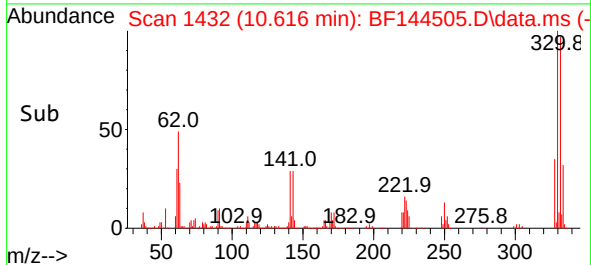
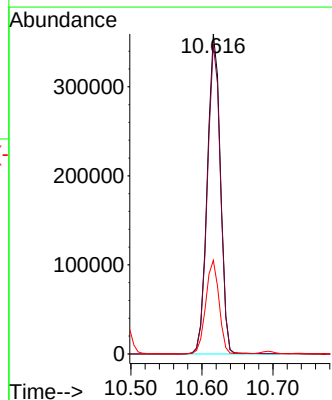
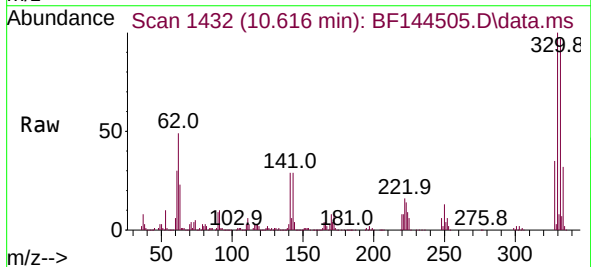
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

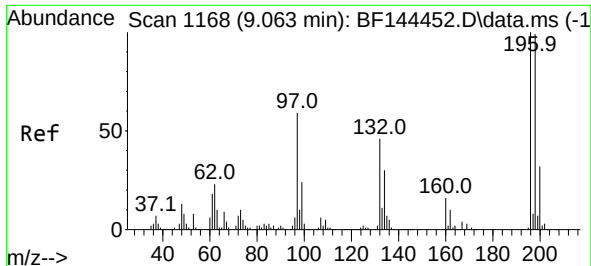
Tgt Ion:237 Resp: 615297
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 13.8 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 122.544 ng
RT: 10.616 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:330 Resp: 457957
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 29.5 26.2 39.2

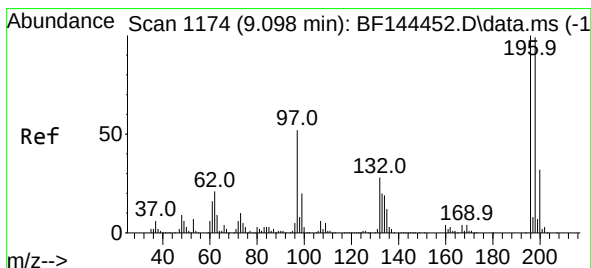
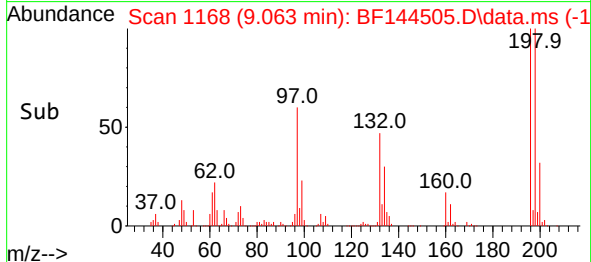
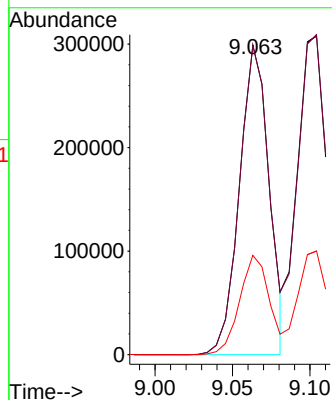
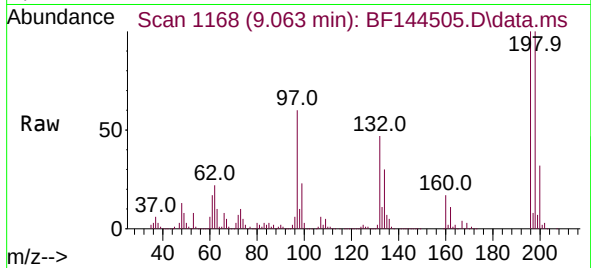




#43
 2,4,6-Trichlorophenol
 Concen: 53.268 ng
 RT: 9.063 min Scan# 1168
 Delta R.T. 0.000 min
 Lab File: BF144505.D
 Acq: 16 Dec 2025 20:15

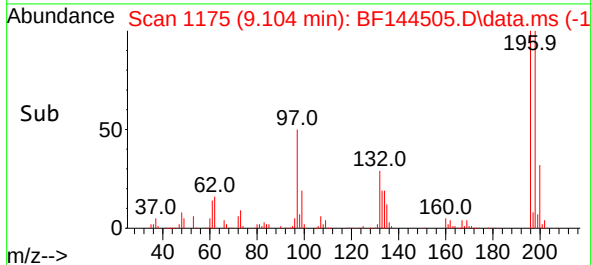
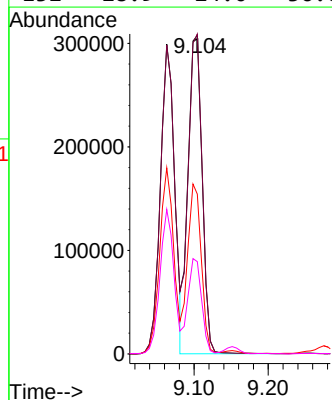
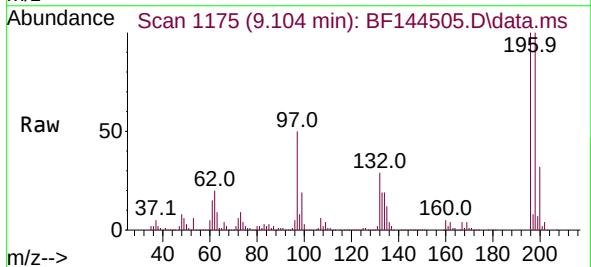
Instrument :
 BNA_F
 ClientSampleId :
 B150(10-12)121225MSD

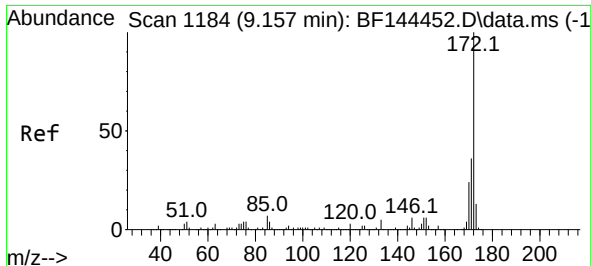
Tgt Ion:196 Resp: 397942
 Ion Ratio Lower Upper
 196 100
 198 99.7 79.0 118.4
 200 32.1 25.3 37.9



#44
 2,4,5-Trichlorophenol
 Concen: 51.970 ng
 RT: 9.104 min Scan# 1175
 Delta R.T. 0.006 min
 Lab File: BF144505.D
 Acq: 16 Dec 2025 20:15

Tgt Ion:196 Resp: 407487
 Ion Ratio Lower Upper
 196 100
 198 100.5 79.5 119.3
 97 50.2 42.2 63.2
 132 28.9 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 70.596 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

B150(10-12)121225MSD

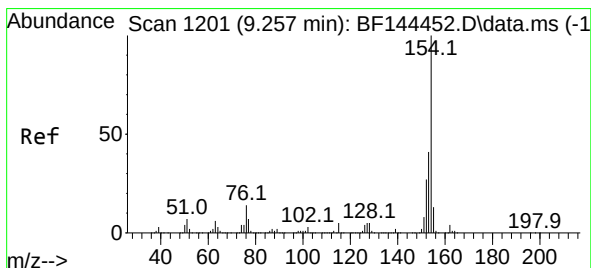
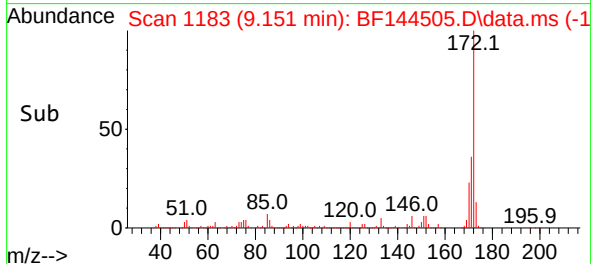
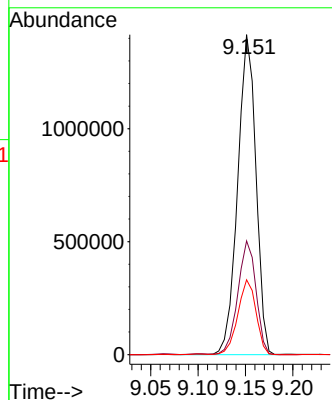
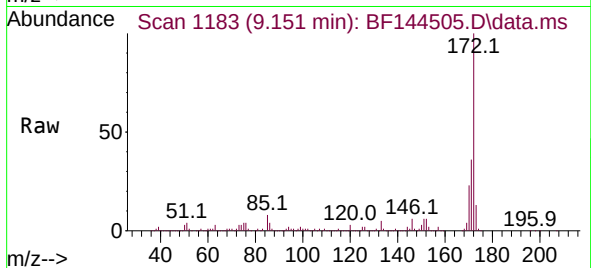
Tgt Ion:172 Resp: 1902194

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.4 19.3 28.9



#46

1,1'-Biphenyl

Concen: 47.733 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

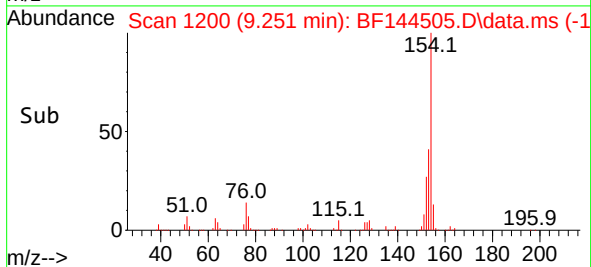
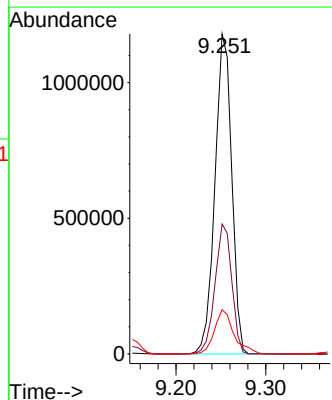
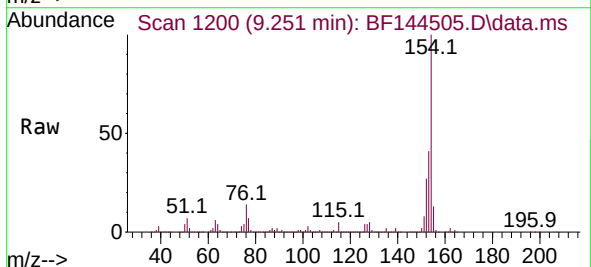
Tgt Ion:154 Resp: 1541908

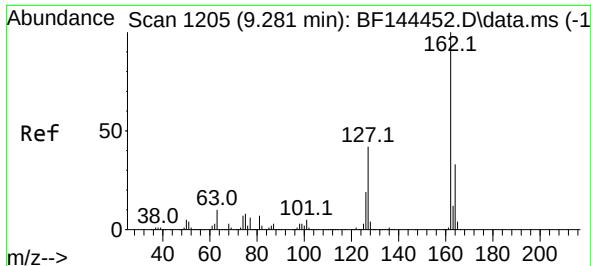
Ion Ratio Lower Upper

154 100

153 40.6 21.0 61.0

76 13.8 0.0 33.8

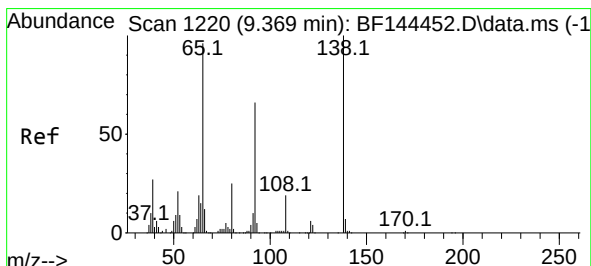
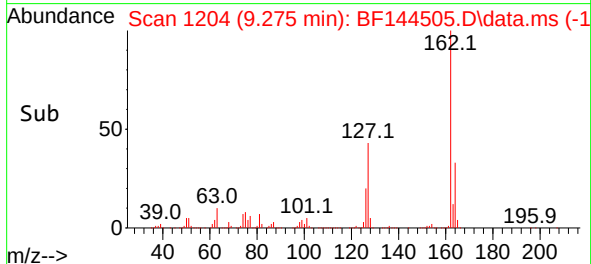
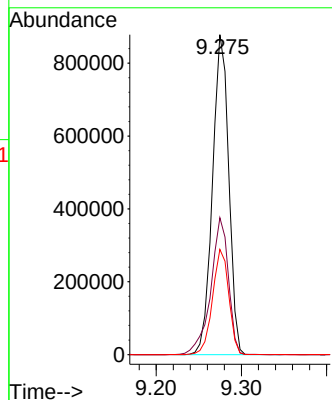
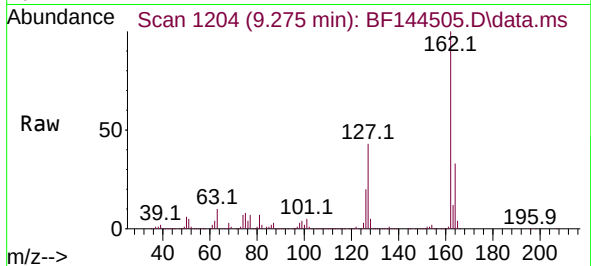




#47
2-Chloronaphthalene
Concen: 47.119 ng
RT: 9.275 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

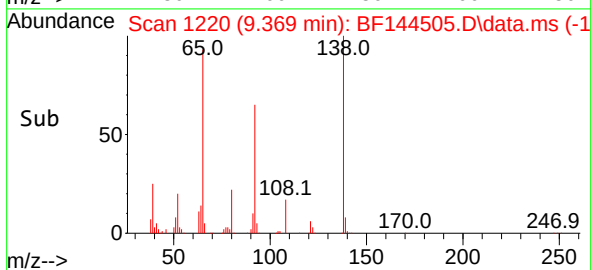
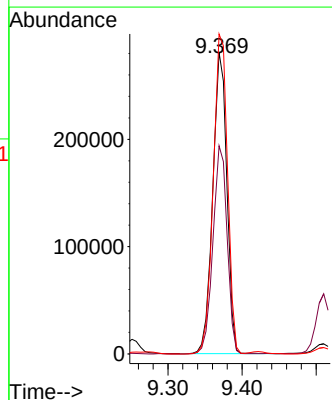
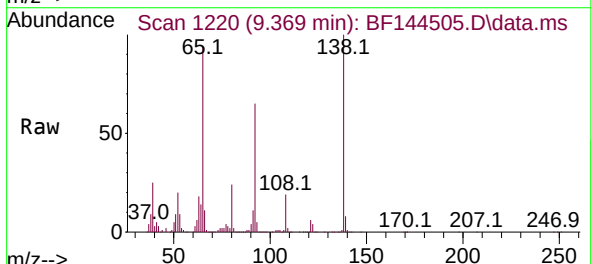
Instrument : BNA_F
ClientSampleId : B150(10-12)121225MSD

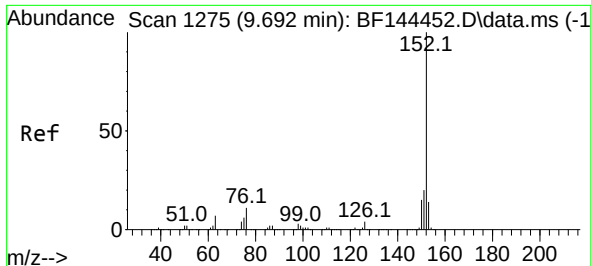
Tgt Ion:162 Resp: 1161954
Ion Ratio Lower Upper
162 100
127 42.8 33.6 50.4
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 52.145 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion: 65 Resp: 371238
Ion Ratio Lower Upper
65 100
92 69.0 55.0 82.4
138 106.1 83.4 125.2





#49

Acenaphthylene

Concen: 48.666 ng

RT: 9.692 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

B150(10-12)121225MSD

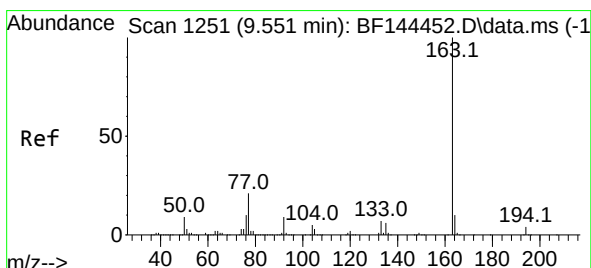
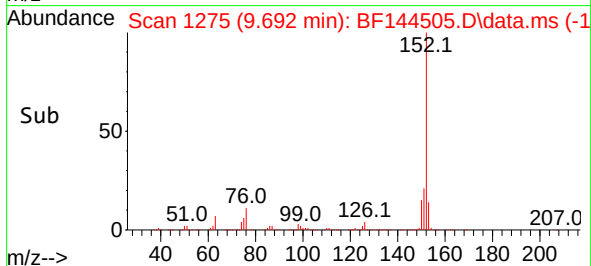
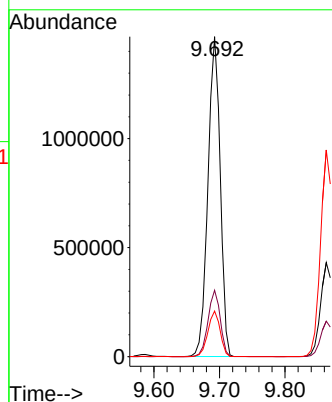
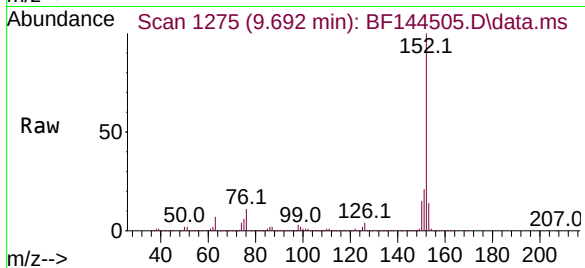
Tgt Ion:152 Resp: 1901401

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.2

153 14.2 11.4 17.0



#50

Dimethylphthalate

Concen: 49.534 ng

RT: 9.557 min Scan# 1252

Delta R.T. 0.006 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

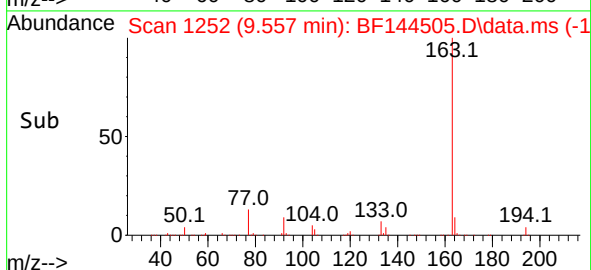
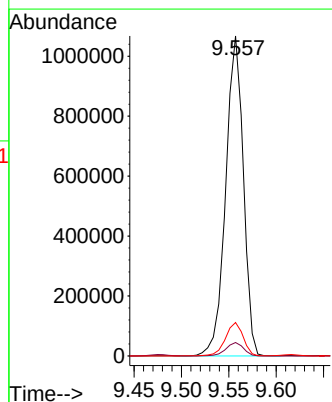
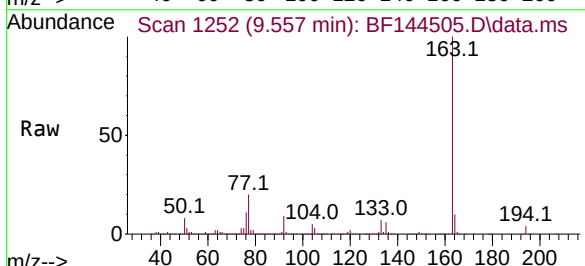
Tgt Ion:163 Resp: 1383035

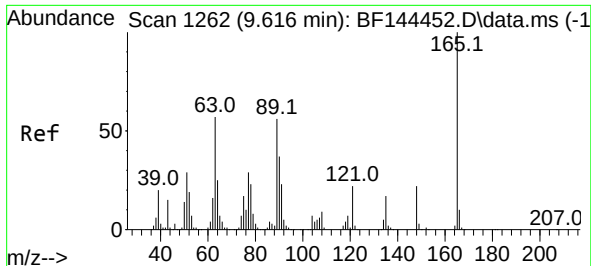
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.3 12.5

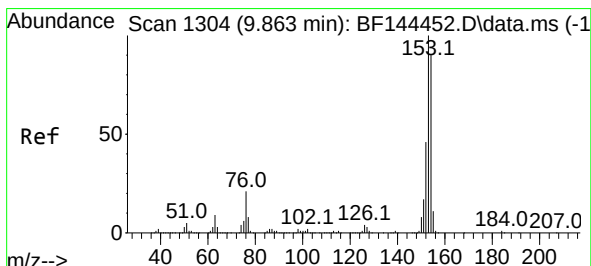
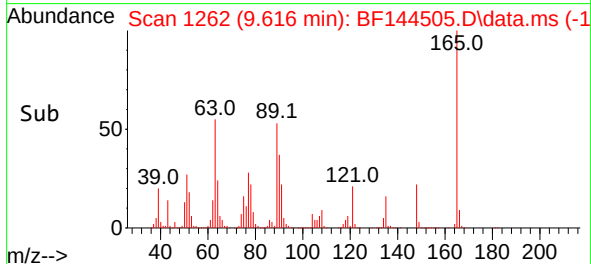
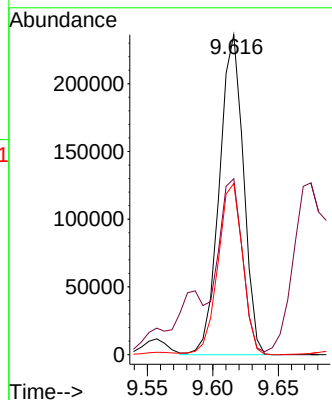
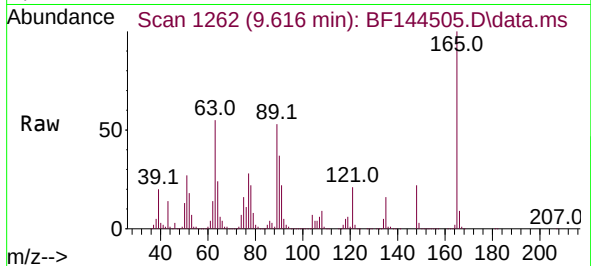




#51
2,6-Dinitrotoluene
Concen: 58.090 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

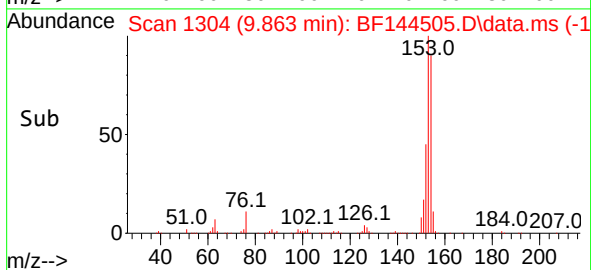
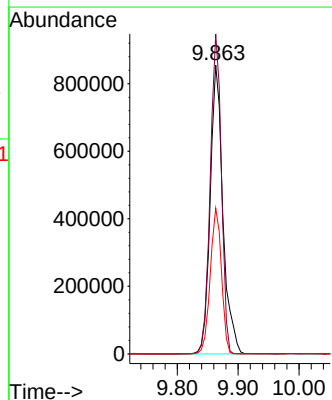
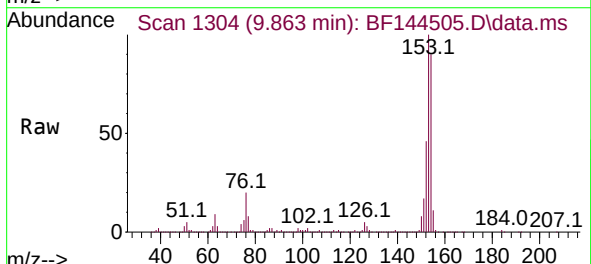
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

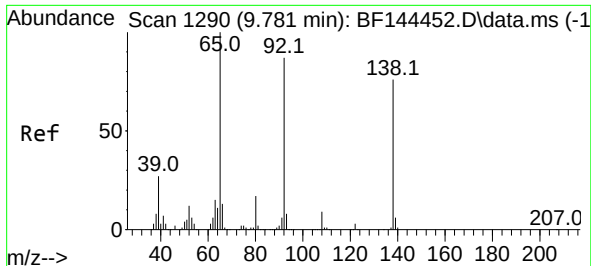
Tgt Ion:165 Resp: 301801
Ion Ratio Lower Upper
165 100
63 54.9 45.9 68.9
89 53.5 44.6 67.0



#52
Acenaphthene
Concen: 50.998 ng
RT: 9.863 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:154 Resp: 1242327
Ion Ratio Lower Upper
154 100
153 110.8 88.6 132.8
152 50.4 40.6 61.0

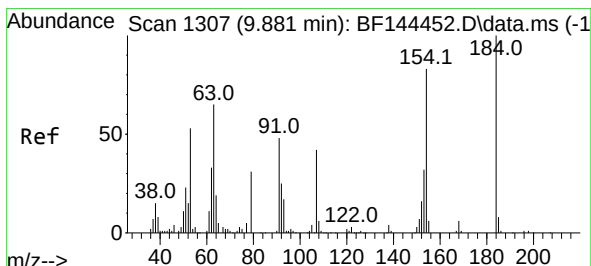
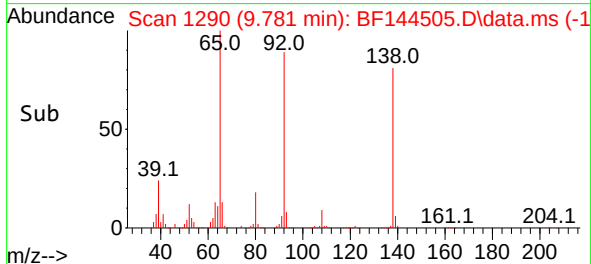
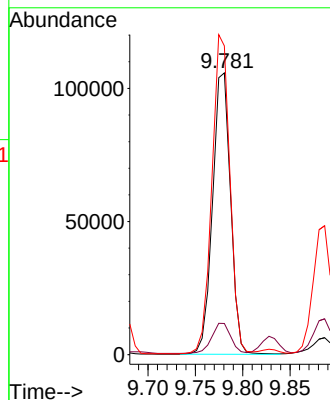
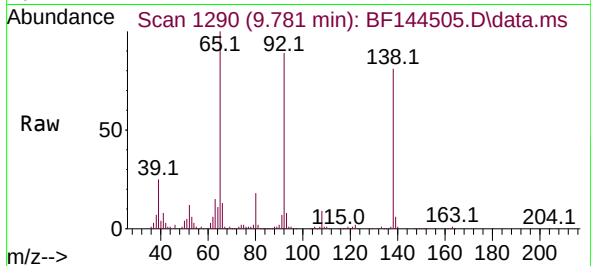




#53
3-Nitroaniline
Concen: 23.981 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

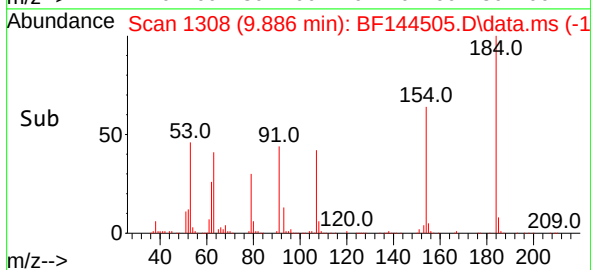
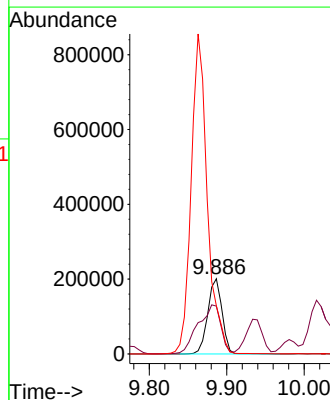
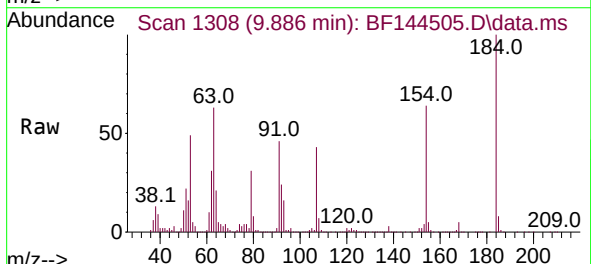
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

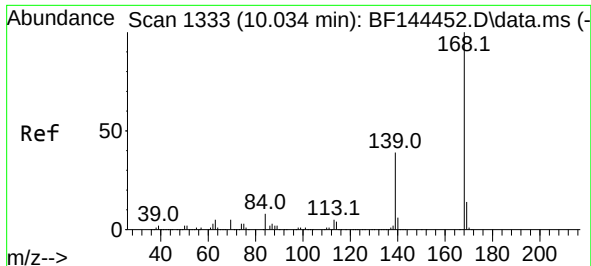
Tgt Ion:138 Resp: 140049
Ion Ratio Lower Upper
138 100
108 11.1 9.7 14.5
92 109.6 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 100.651 ng
RT: 9.886 min Scan# 1308
Delta R.T. 0.005 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:184 Resp: 256575
Ion Ratio Lower Upper
184 100
63 63.4 60.6 91.0
154 64.1 137.8 206.8#

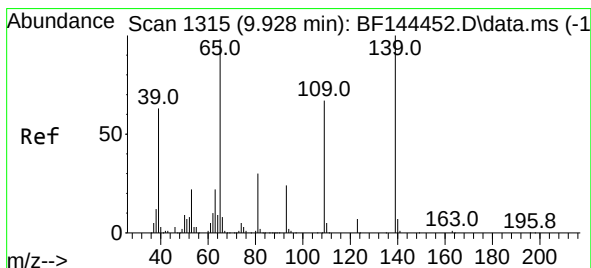
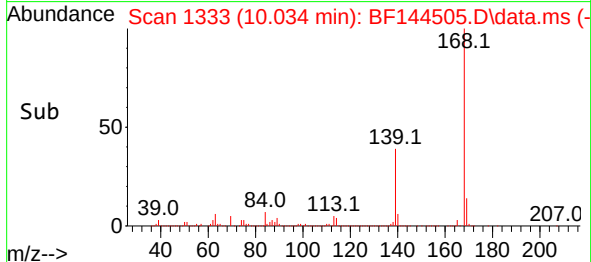
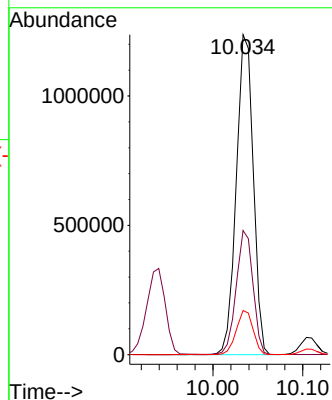
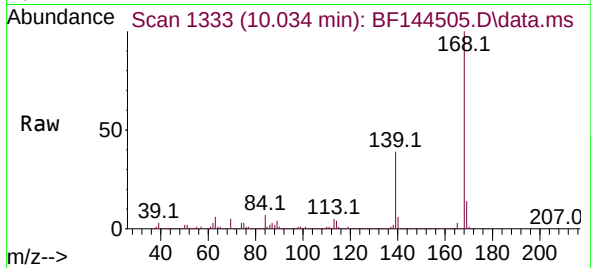




#55
Dibenzofuran
Concen: 46.931 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

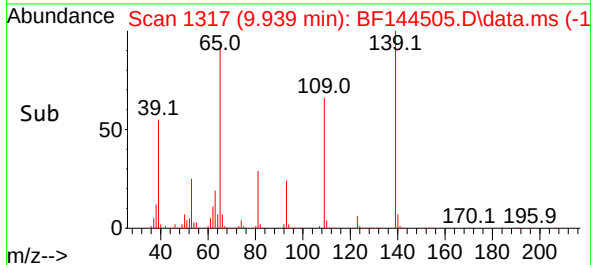
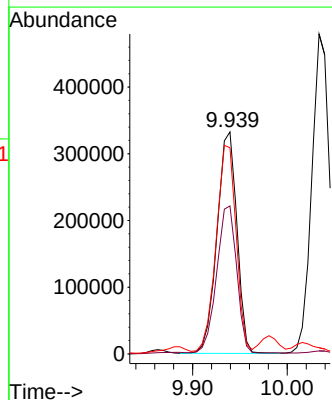
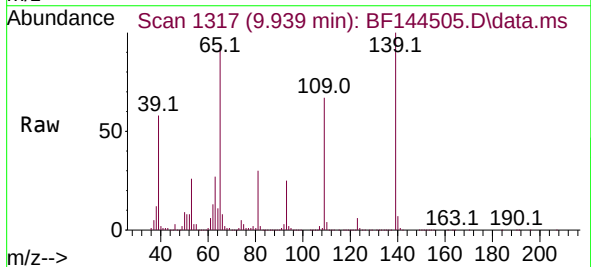
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

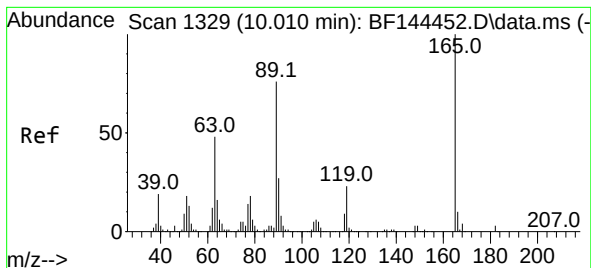
Tgt Ion:168 Resp: 1626680
Ion Ratio Lower Upper
168 100
139 38.8 31.0 46.6
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 101.904 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.011 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:139 Resp: 484533
Ion Ratio Lower Upper
139 100
109 66.6 47.4 87.4
65 92.8 78.4 118.4

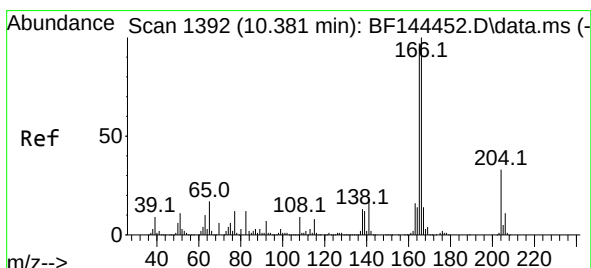
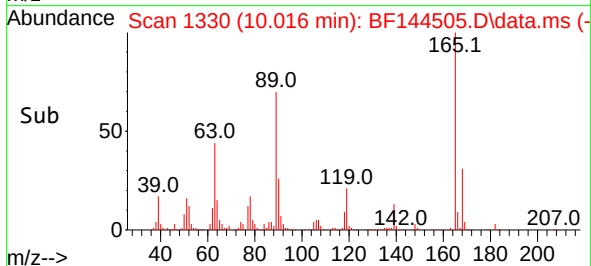
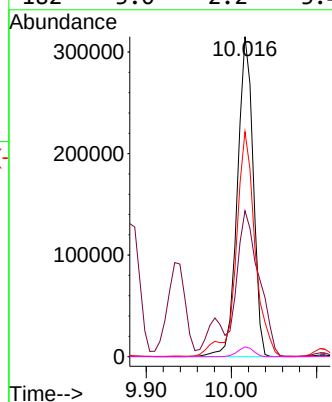
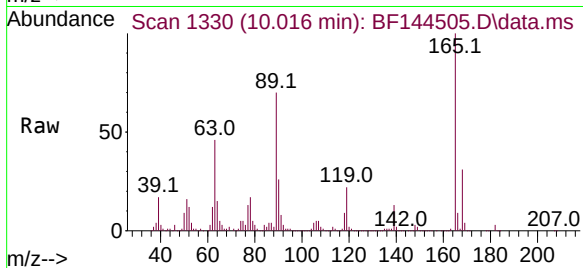




#57
2,4-Dinitrotoluene
Concen: 57.395 ng
RT: 10.016 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

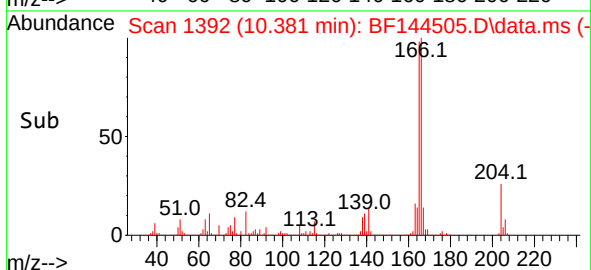
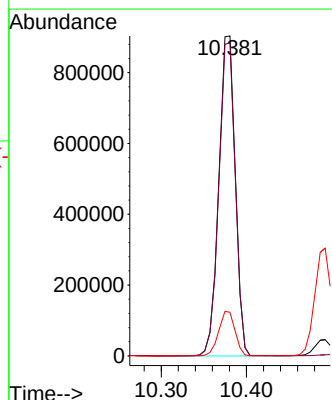
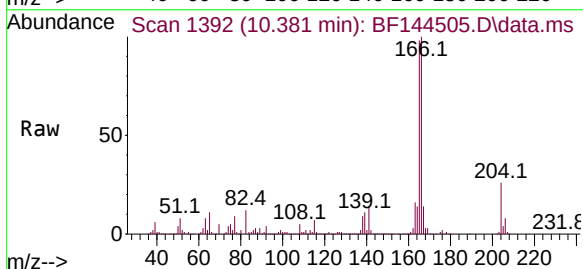
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

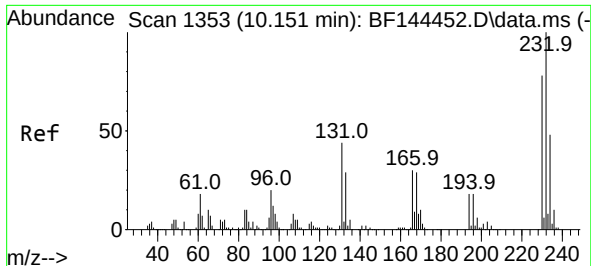
Tgt Ion:	165	Resp:	406914
Ion	Ratio	Lower	Upper
165	100		
63	45.6	38.2	57.4
89	70.3	61.2	91.8
182	3.0	2.2	3.4



#58
Fluorene
Concen: 46.274 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:	166	Resp:	1214526
Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.6	116.4
167	13.6	10.8	16.2

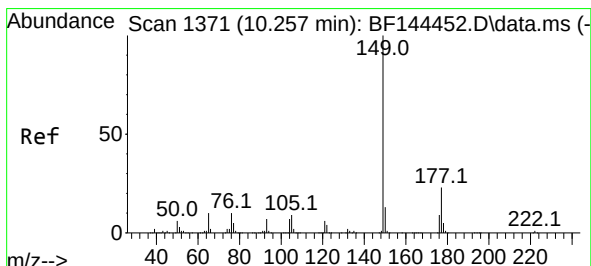
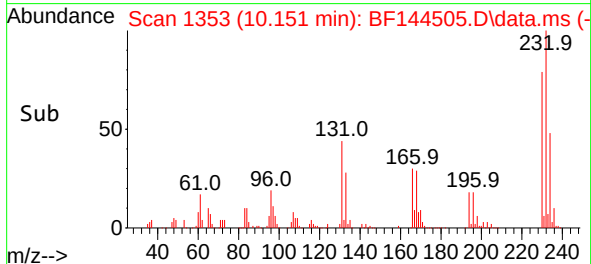
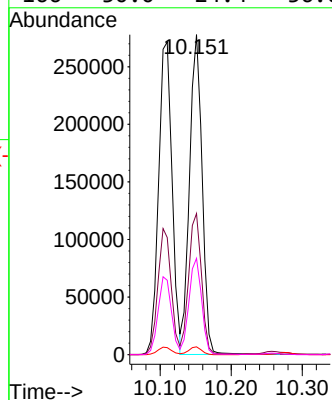
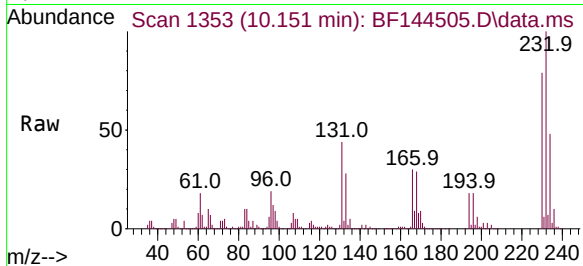




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.705 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

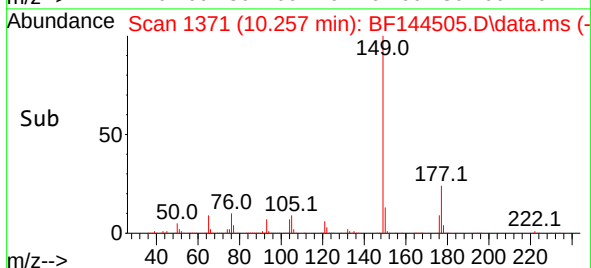
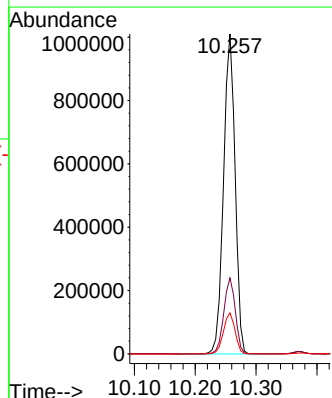
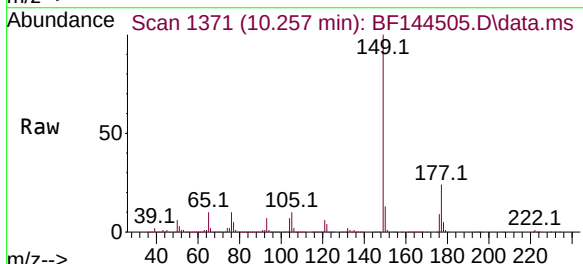
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

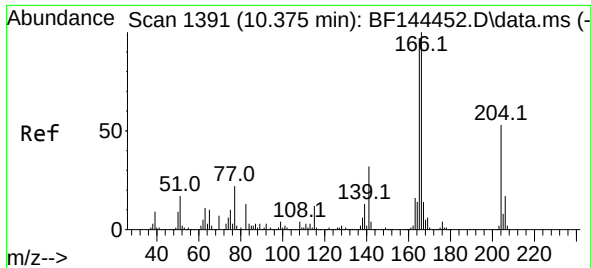
Tgt Ion:232 Resp: 343459
Ion Ratio Lower Upper
232 100
131 44.7 36.3 54.5
130 2.4 1.8 2.6
166 30.0 24.4 36.6



#60
Diethylphthalate
Concen: 50.393 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:149 Resp: 1333496
Ion Ratio Lower Upper
149 100
177 23.7 18.7 28.1
150 12.8 10.1 15.1

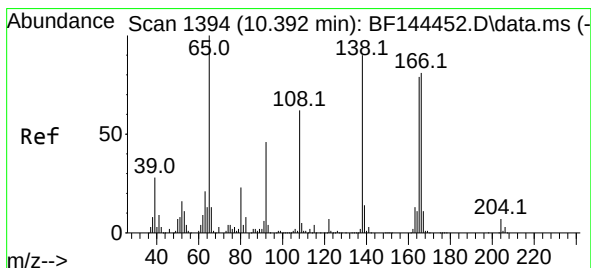
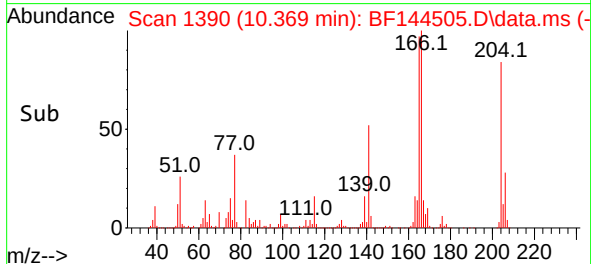
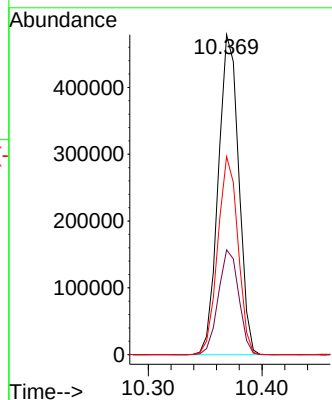
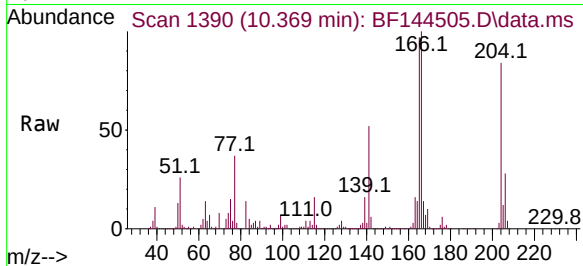




#61
4-Chlorophenyl-phenylether
Concen: 46.398 ng
RT: 10.369 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

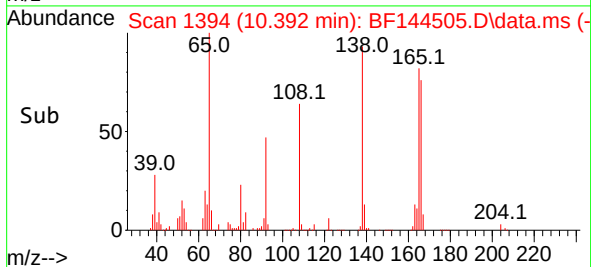
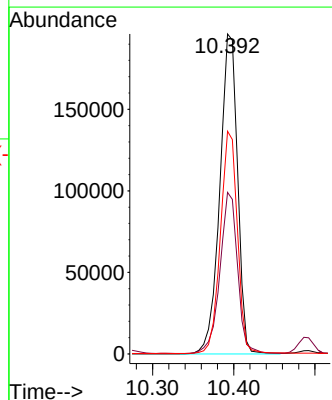
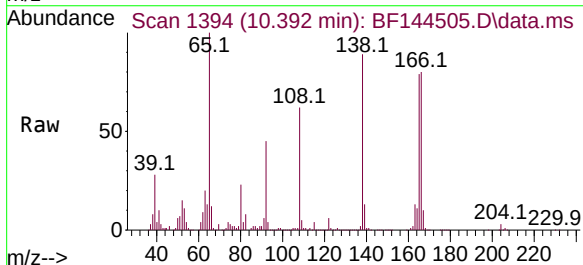
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

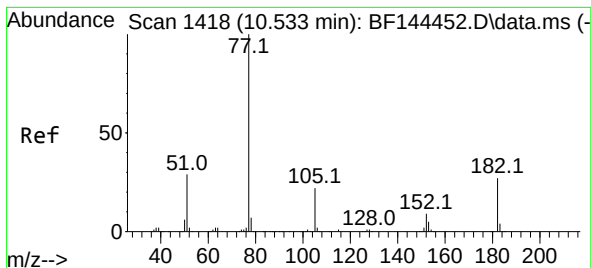
Tgt Ion:204 Resp: 597489
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 61.9 48.4 72.6



#62
4-Nitroaniline
Concen: 48.165 ng
RT: 10.392 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:138 Resp: 297373
Ion Ratio Lower Upper
138 100
92 50.5 30.8 70.8
108 69.6 49.2 89.2





#63

Azobenzene

Concen: 51.534 ng

RT: 10.534 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

B150(10-12)121225MSD

Tgt Ion: 77 Resp: 1441249

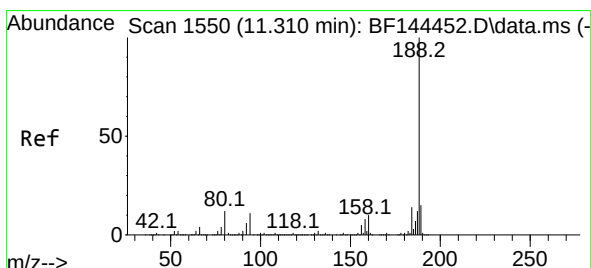
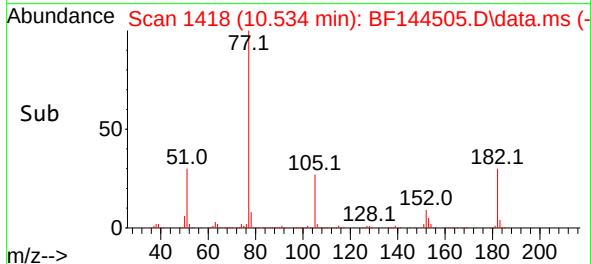
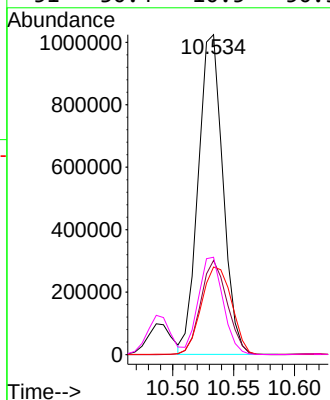
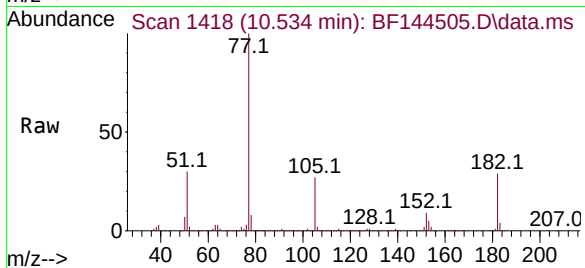
Ion Ratio Lower Upper

77 100

182 29.4 6.1 46.1

105 27.4 1.5 41.5

51 30.4 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: BF144505.D

Acq: 16 Dec 2025 20:15

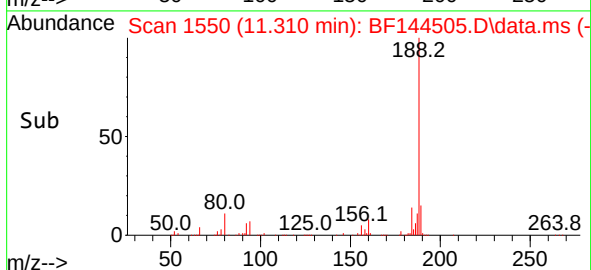
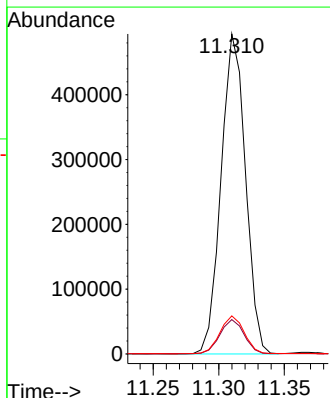
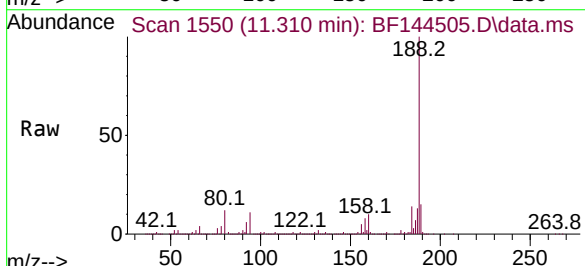
Tgt Ion:188 Resp: 640620

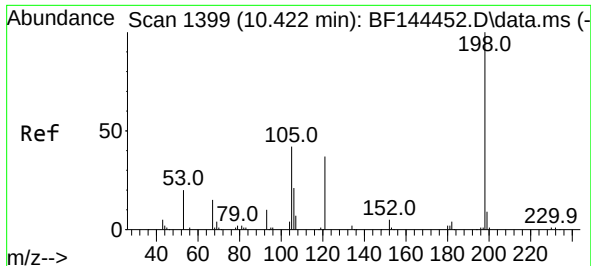
Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.6

80 11.9 9.8 14.8





#65

4,6-Dinitro-2-methylphenol

Concen: 58.480 ng

RT: 10.422 min Scan# 1399

Delta R.T. -0.000 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

B150(10-12)121225MSD

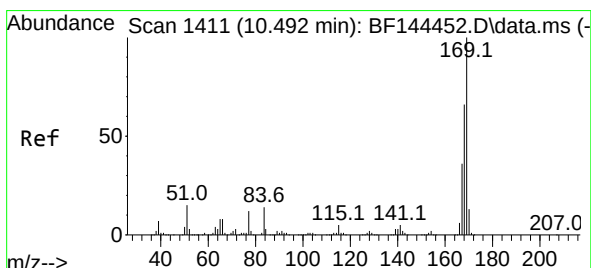
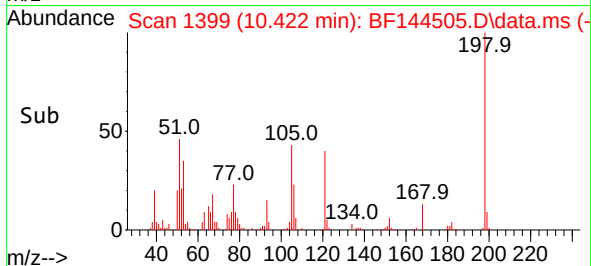
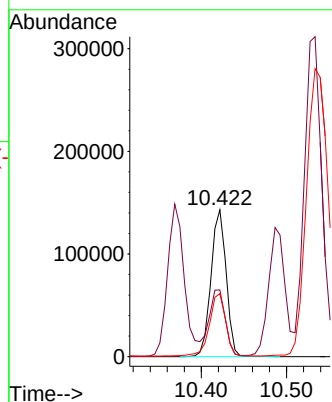
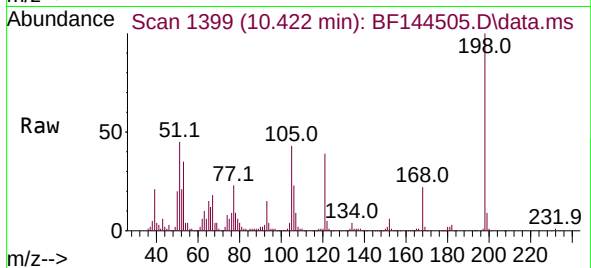
Tgt Ion:198 Resp: 176880

Ion Ratio Lower Upper

198 100

51 45.5 25.5 65.5

105 42.9 23.4 63.4



#66

n-Nitrosodiphenylamine

Concen: 51.125 ng

RT: 10.492 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

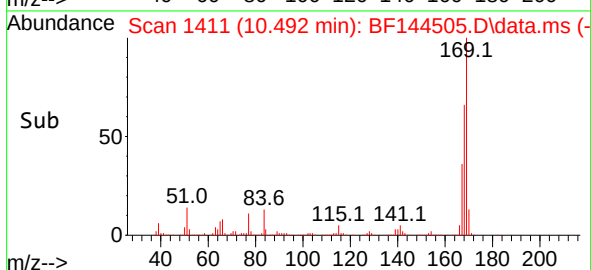
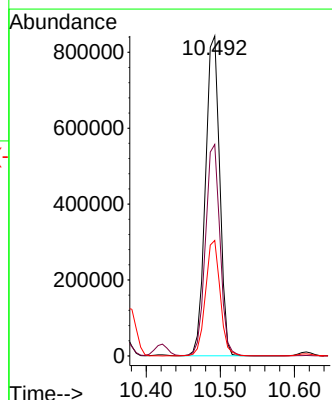
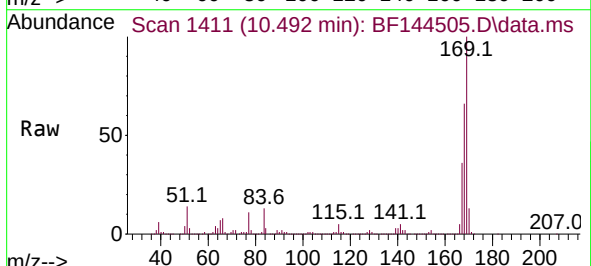
Tgt Ion:169 Resp: 1122382

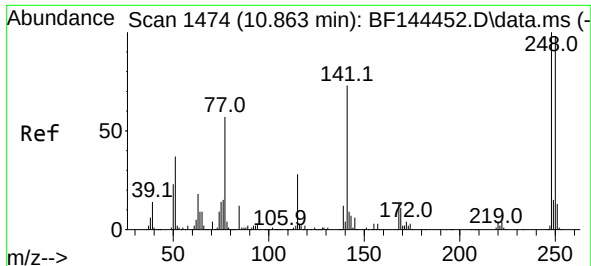
Ion Ratio Lower Upper

169 100

168 66.1 52.6 79.0

167 36.1 28.8 43.2

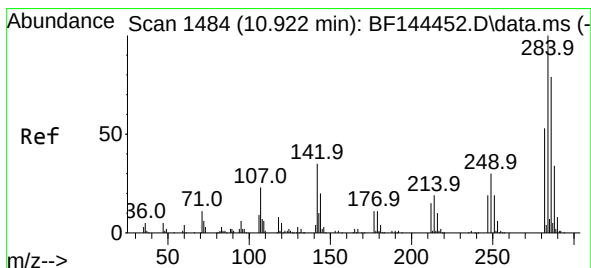
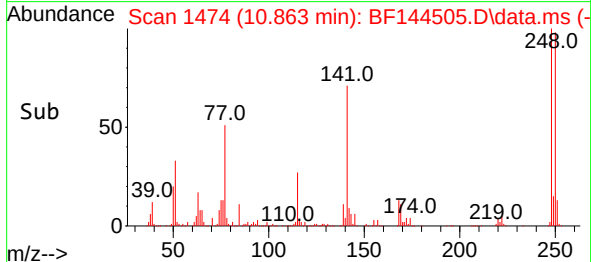
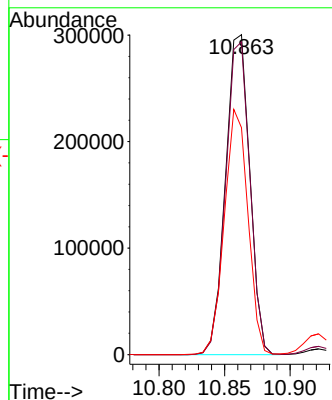
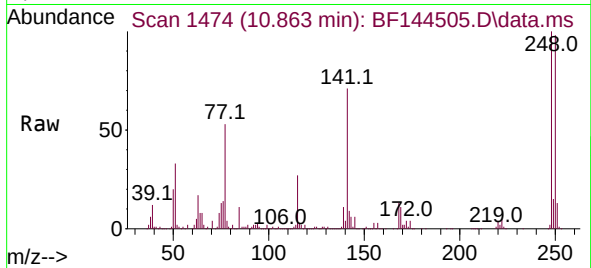




#67
4-Bromophenyl-phenylether
Concen: 51.702 ng
RT: 10.863 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

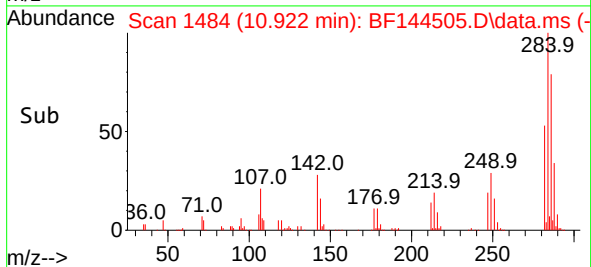
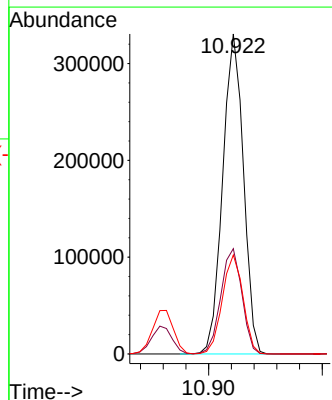
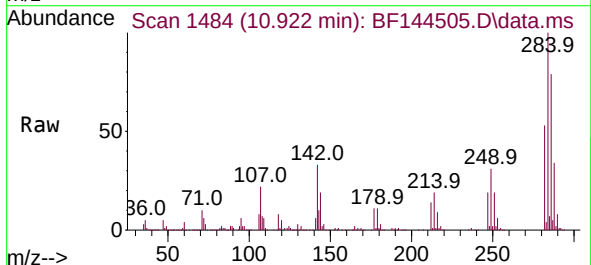
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

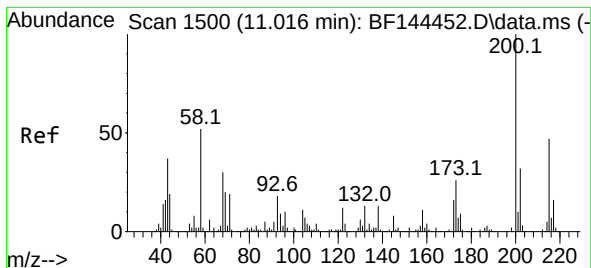
Tgt Ion:248 Resp: 386663
Ion Ratio Lower Upper
248 100
250 97.7 78.2 117.4
141 70.9 58.5 87.7



#68
Hexachlorobenzene
Concen: 50.604 ng
RT: 10.922 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:284 Resp: 417772
Ion Ratio Lower Upper
284 100
142 32.9 28.2 42.2
249 30.9 24.7 37.1





#69

Atrazine

Concen: 54.118 ng

RT: 11.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

B150(10-12)121225MSD

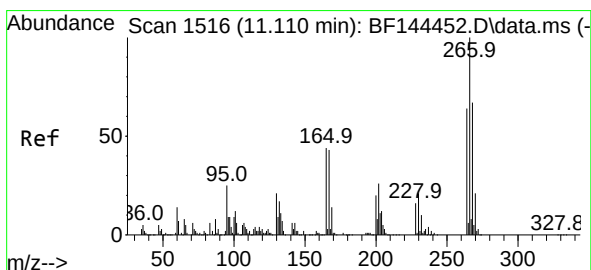
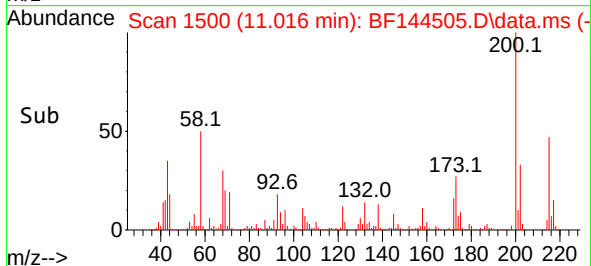
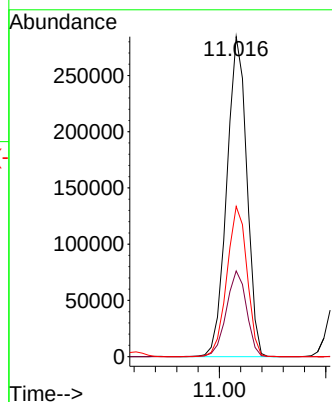
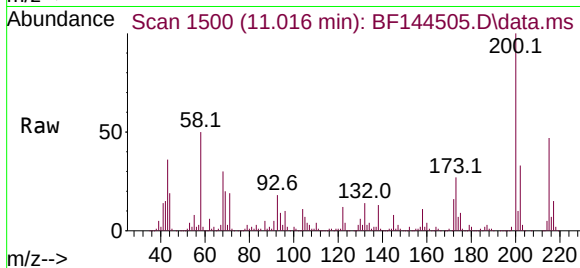
Tgt Ion:200 Resp: 372139

Ion Ratio Lower Upper

200 100

173 26.8 6.2 46.2

215 46.9 27.2 67.2



#70

Pentachlorophenol

Concen: 98.365 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.006 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

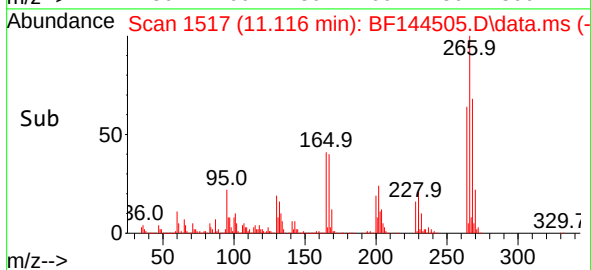
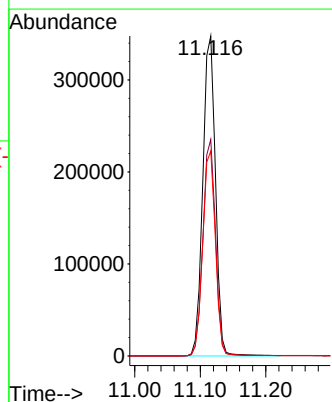
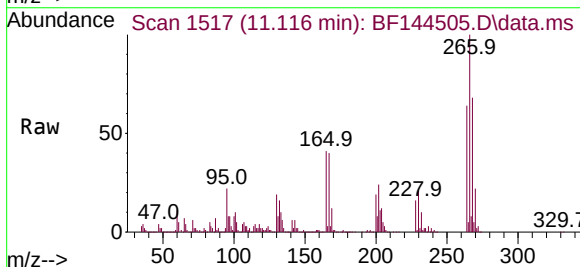
Tgt Ion:266 Resp: 463204

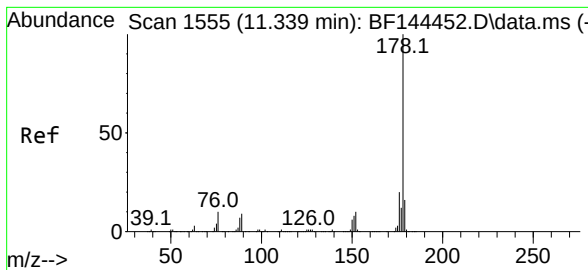
Ion Ratio Lower Upper

266 100

268 67.6 53.8 80.8

264 64.0 51.2 76.8

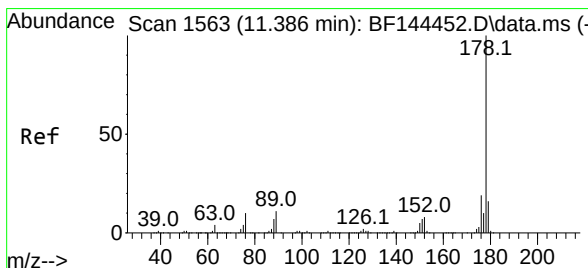
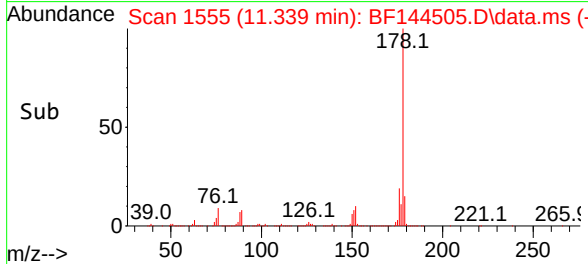
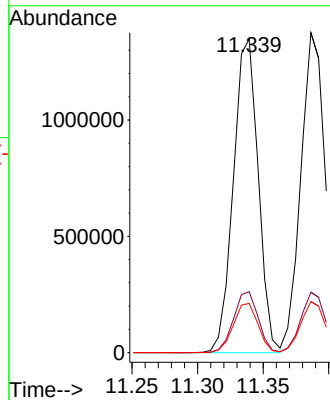
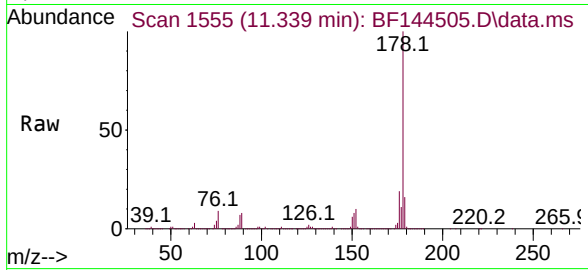




#71
Phenanthrene
Concen: 48.037 ng
RT: 11.339 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

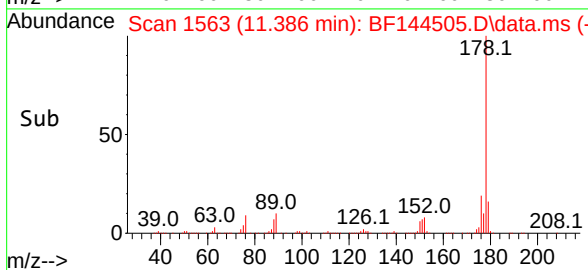
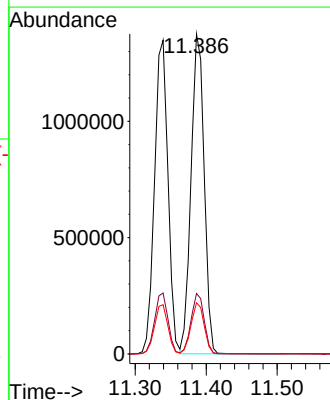
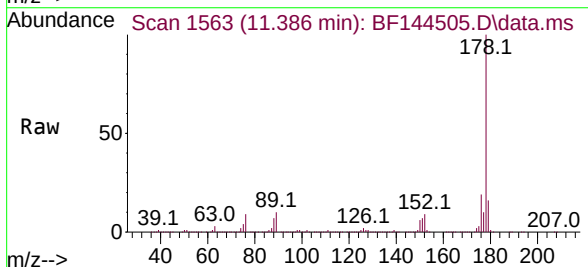
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

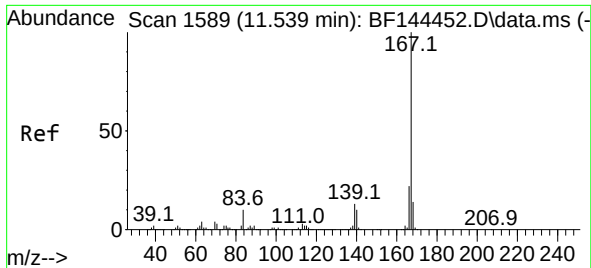
Tgt Ion:178 Resp: 1774096
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.7 12.5 18.7



#72
Anthracene
Concen: 47.344 ng
RT: 11.386 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:178 Resp: 1769714
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 16.0 12.7 19.1

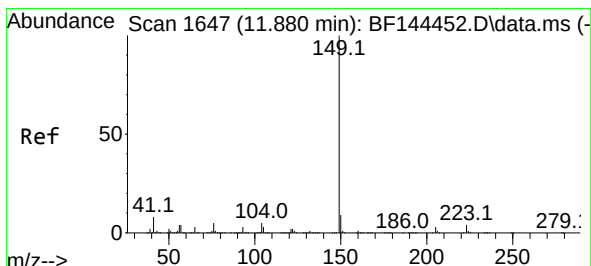
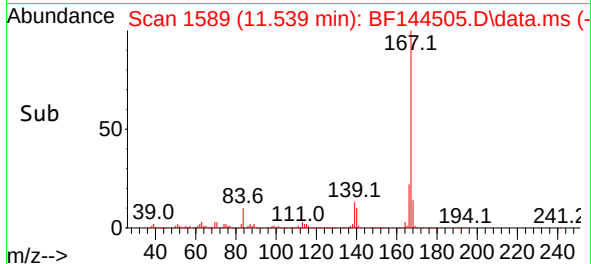
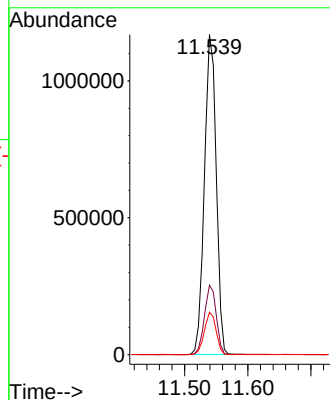
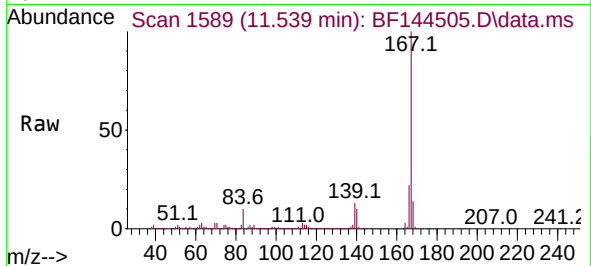




#73
 Carbazole
 Concen: 46.745 ng
 RT: 11.539 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF144505.D
 Acq: 16 Dec 2025 20:15

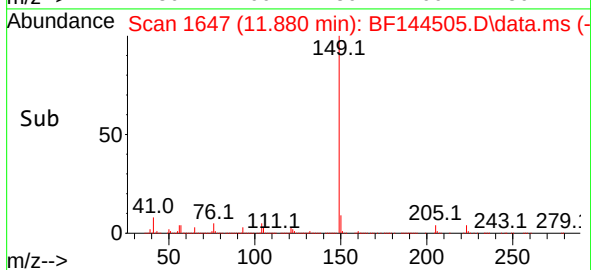
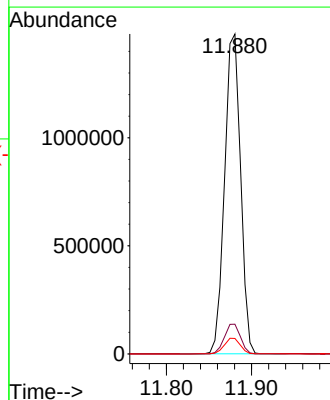
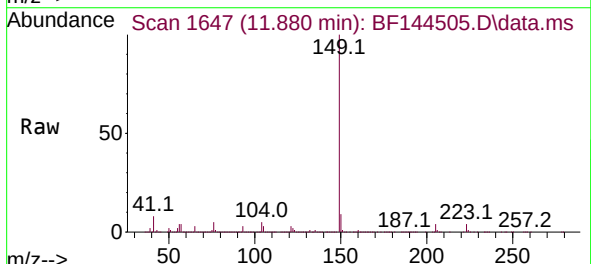
Instrument :
 BNA_F
 ClientSampleId :
 B150(10-12)121225MSD

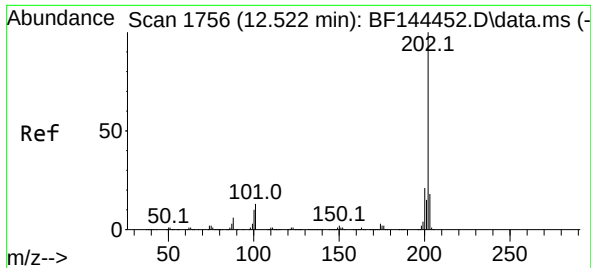
Tgt Ion:167 Resp: 1516923
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.2 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 55.498 ng
 RT: 11.880 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: BF144505.D
 Acq: 16 Dec 2025 20:15

Tgt Ion:149 Resp: 1925152
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.8 3.9 5.9

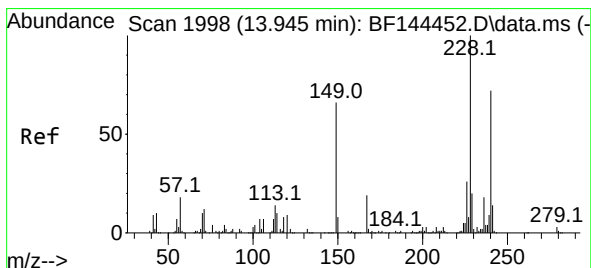
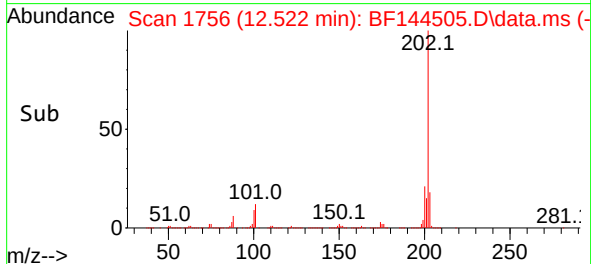
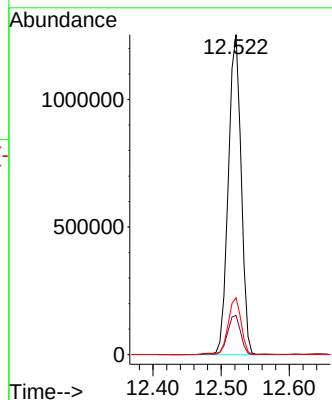
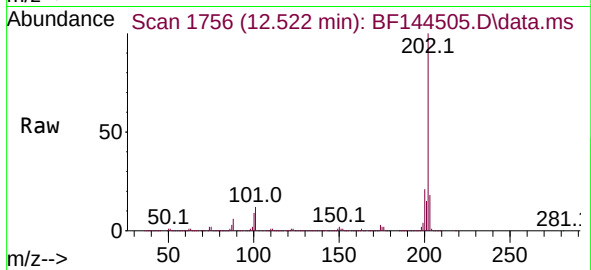




#75
Fluoranthene
Concen: 44.696 ng
RT: 12.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

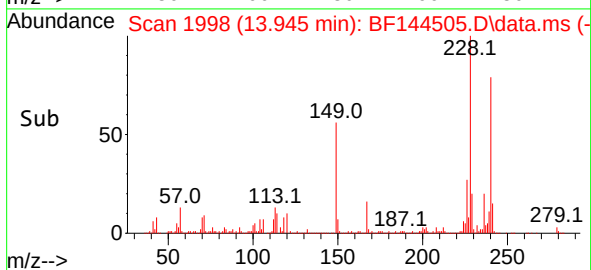
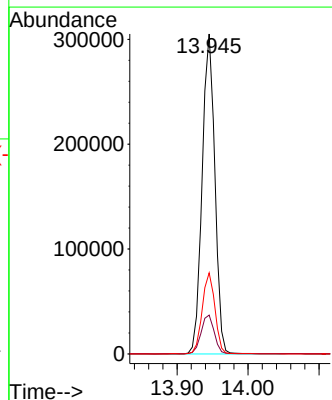
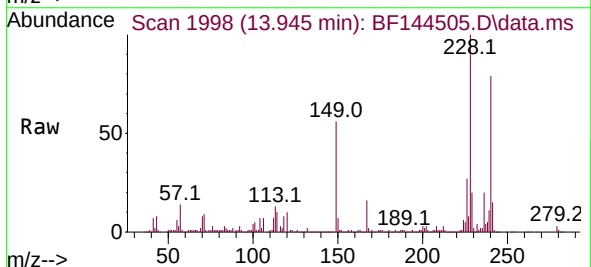
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

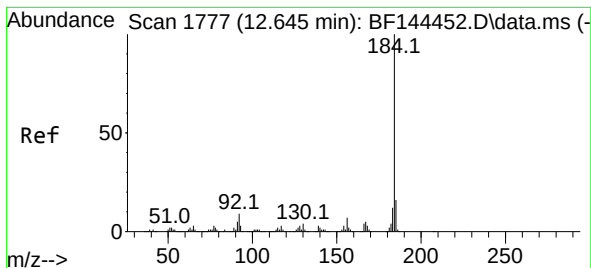
Tgt Ion:202 Resp: 1630044
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.9
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:240 Resp: 377500
Ion Ratio Lower Upper
240 100
120 12.1 10.3 15.5
236 25.3 20.2 30.4





#77

Benzidine

Concen: 47.338 ng

RT: 12.645 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

B150(10-12)121225MSD

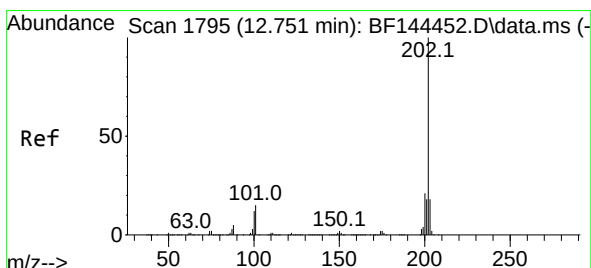
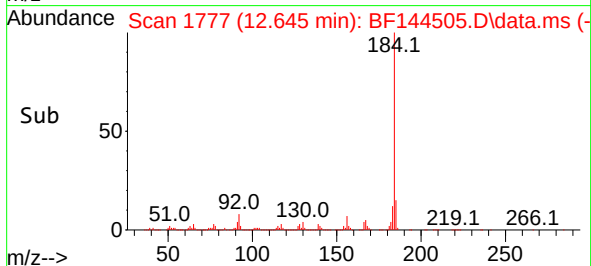
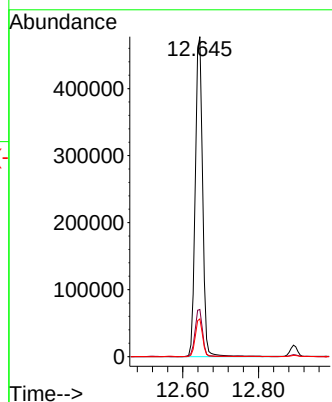
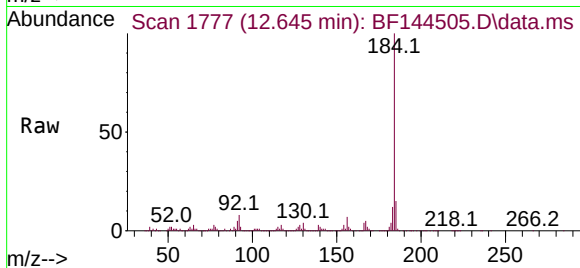
Tgt Ion:184 Resp: 636299

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

183 11.8 9.4 14.0



#78

Pyrene

Concen: 46.420 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

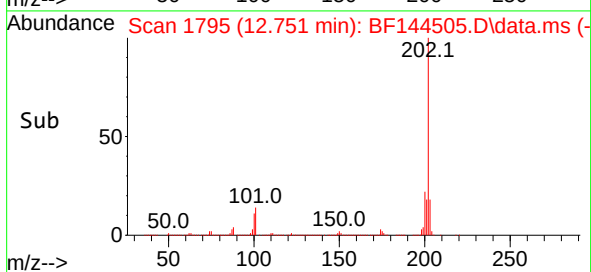
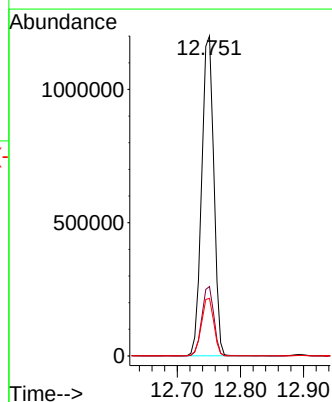
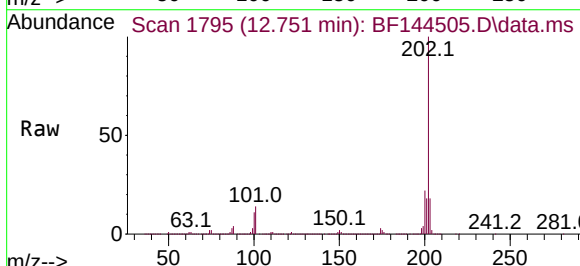
Tgt Ion:202 Resp: 1605483

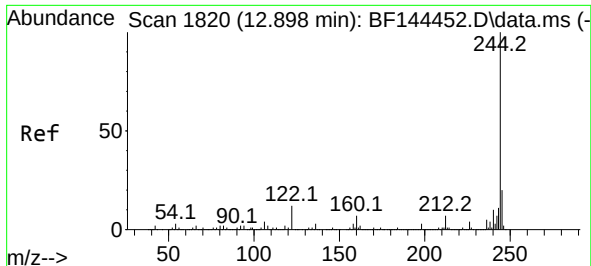
Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

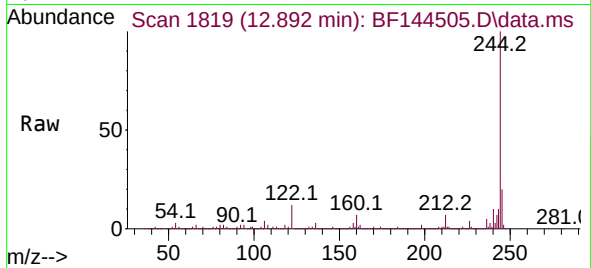
203 18.0 14.2 21.4



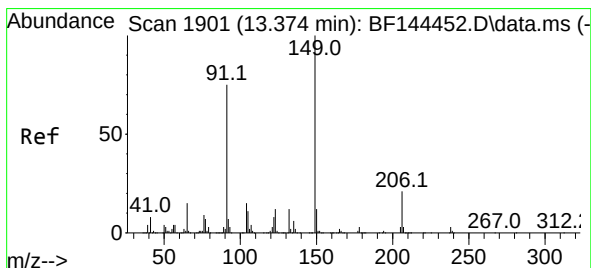
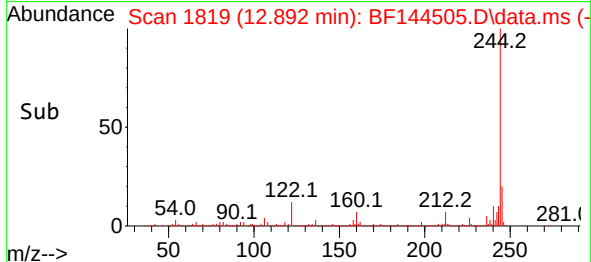
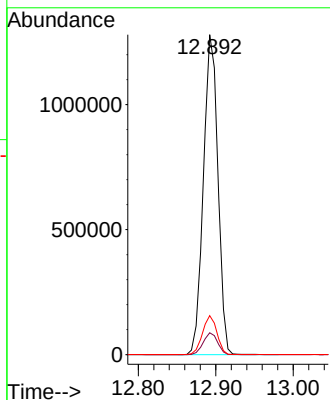


#79
 Terphenyl-d14
 Concen: 69.516 ng
 RT: 12.892 min Scan# 1820
 Delta R.T. -0.006 min
 Lab File: BF144505.D
 Acq: 16 Dec 2025 20:15

Instrument :
 BNA_F
 ClientSampleId :
 B150(10-12)121225MSD

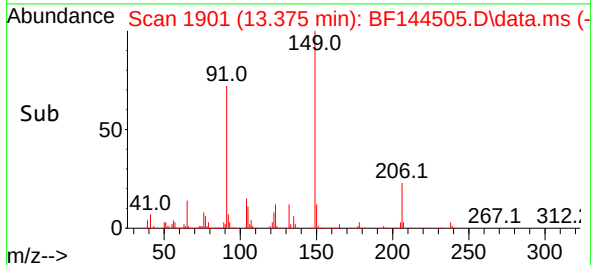
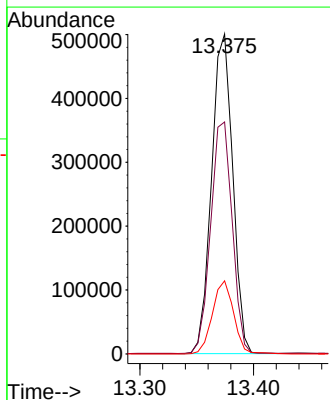
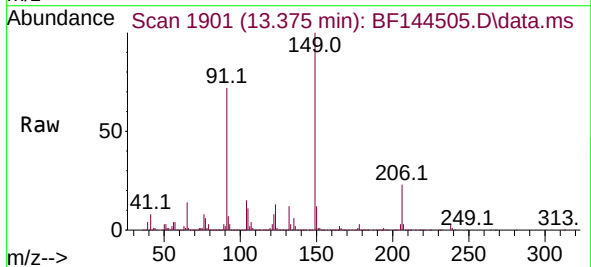


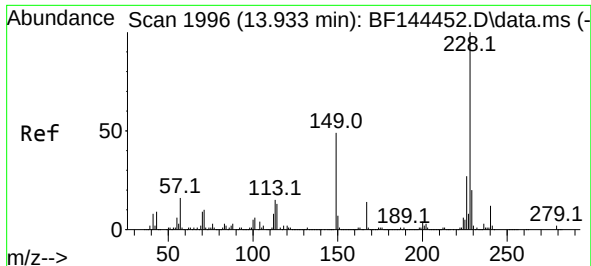
Tgt Ion:244 Resp: 1662192
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 12.2 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 56.067 ng
 RT: 13.375 min Scan# 1901
 Delta R.T. 0.001 min
 Lab File: BF144505.D
 Acq: 16 Dec 2025 20:15

Tgt Ion:149 Resp: 648355
 Ion Ratio Lower Upper
 149 100
 91 72.5 59.8 89.8
 206 22.8 17.0 25.6

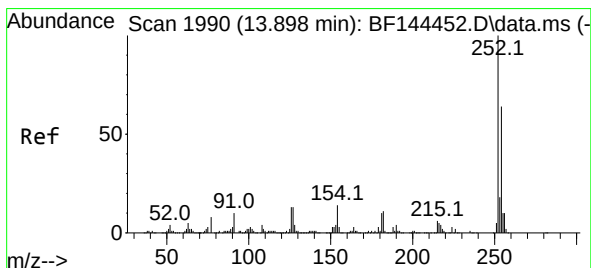
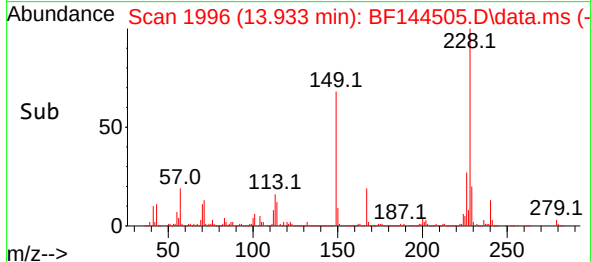
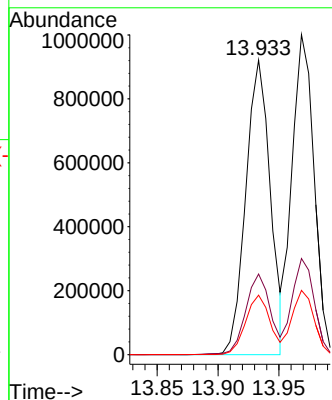
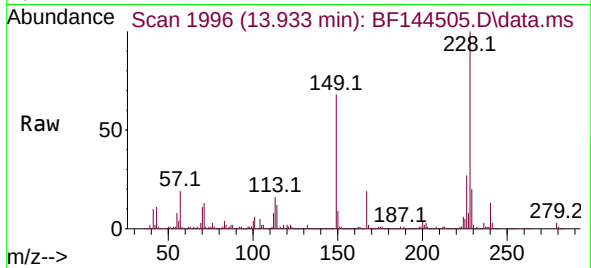




#81
Benzo(a)anthracene
Concen: 48.601 ng
RT: 13.933 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

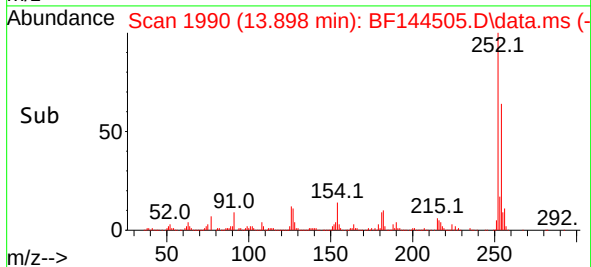
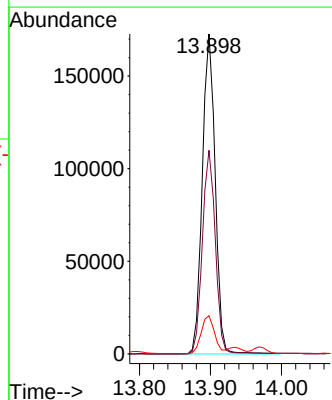
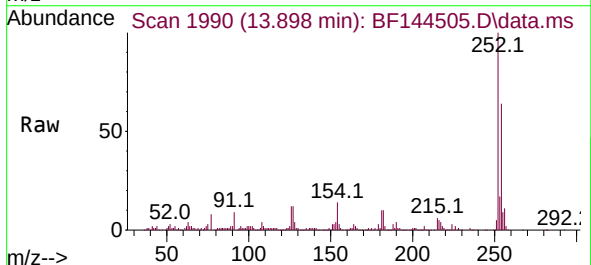
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

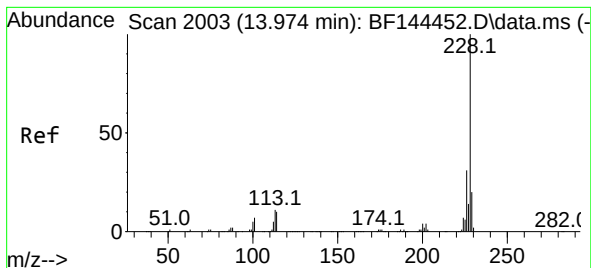
Tgt Ion:228 Resp: 1292015
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 28.721 ng
RT: 13.898 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:252 Resp: 216353
Ion Ratio Lower Upper
252 100
254 63.6 51.1 76.7
126 11.9 10.4 15.6





#83

Chrysene

Concen: 51.700 ng

RT: 13.969 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF144505.D

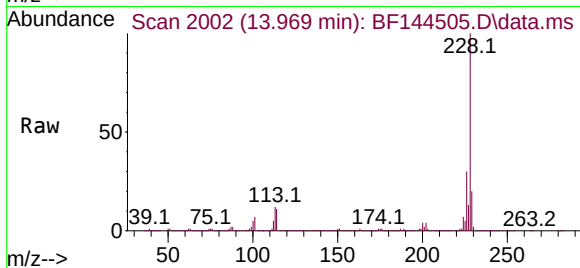
Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

B150(10-12)121225MSD



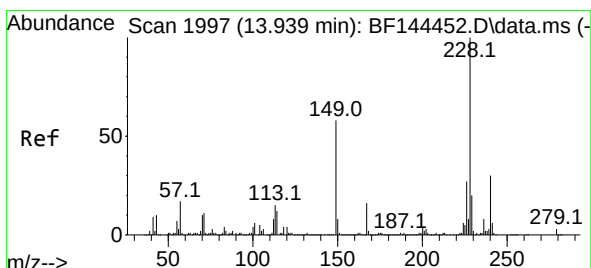
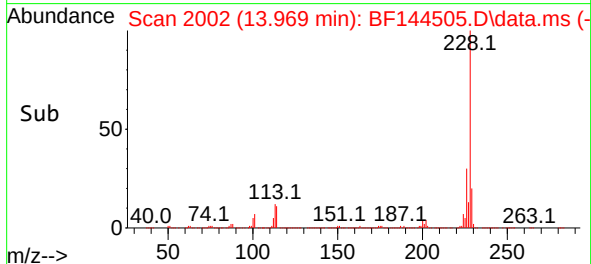
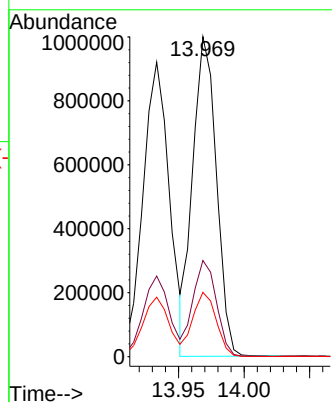
Tgt Ion:228 Resp: 1257844

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.406 ng

RT: 13.933 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

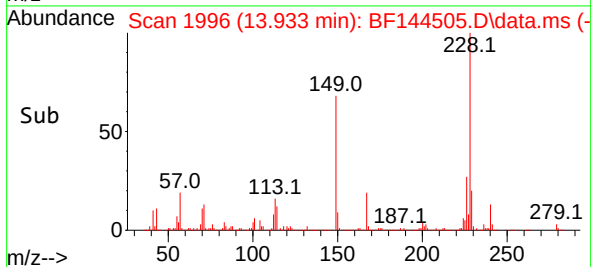
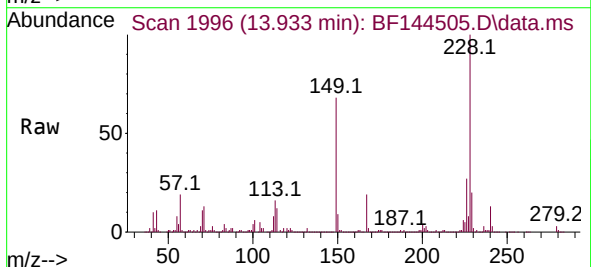
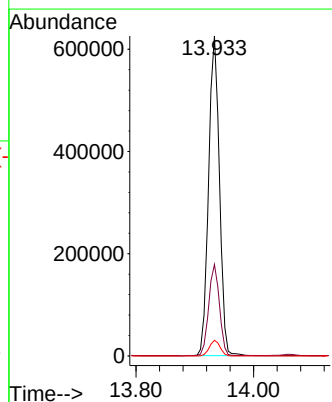
Tgt Ion:149 Resp: 800891

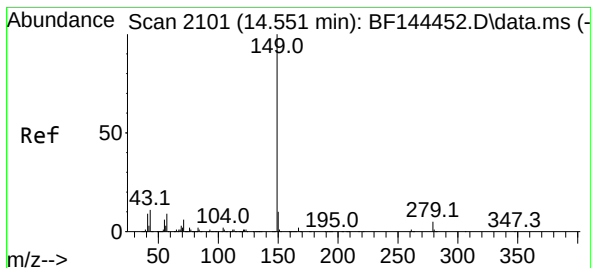
Ion Ratio Lower Upper

149 100

167 28.6 22.6 34.0

279 4.9 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 64.034 ng

RT: 14.545 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

Instrument :

BNA_F

ClientSampleId :

B150(10-12)121225MSD

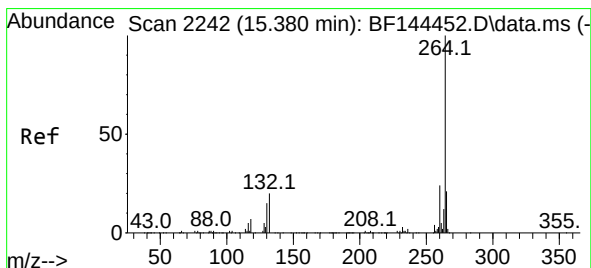
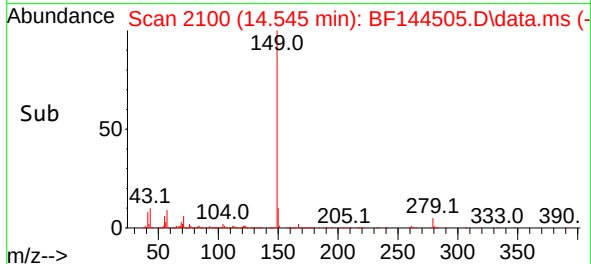
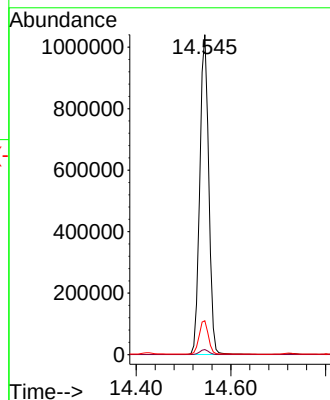
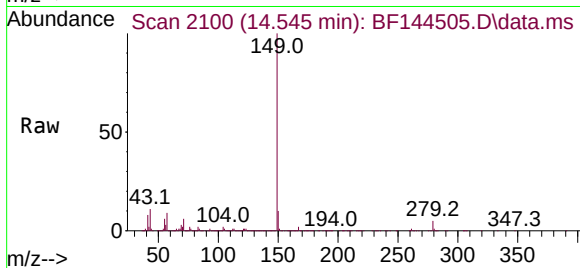
Tgt Ion:149 Resp: 1364639

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.9 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.374 min Scan# 2241

Delta R.T. -0.006 min

Lab File: BF144505.D

Acq: 16 Dec 2025 20:15

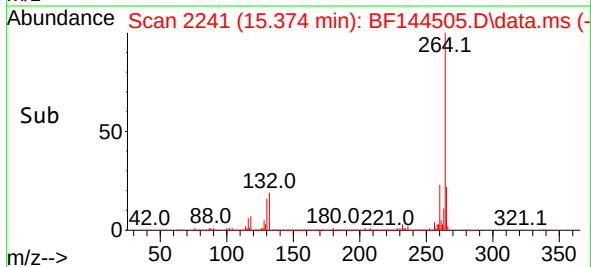
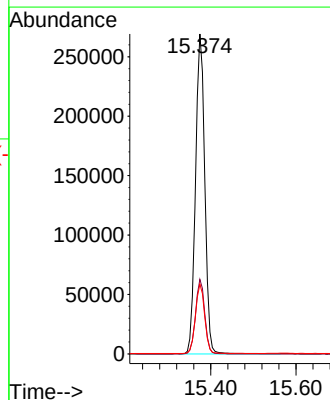
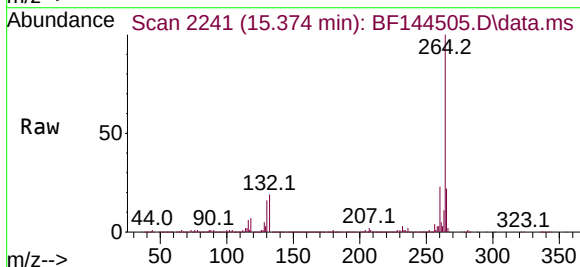
Tgt Ion:264 Resp: 406285

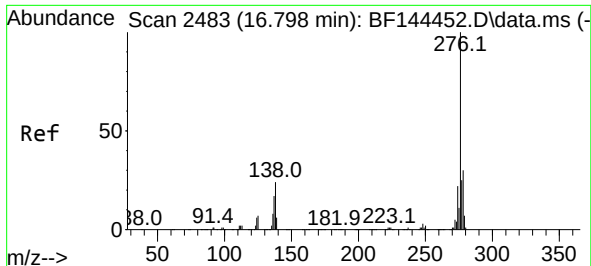
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.8 17.1 25.7

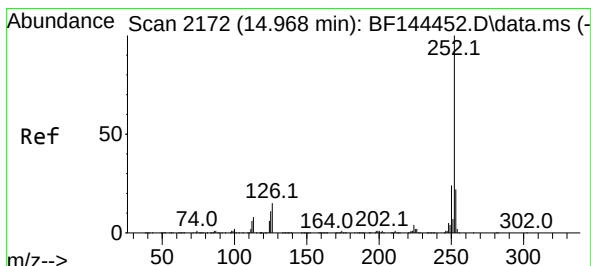
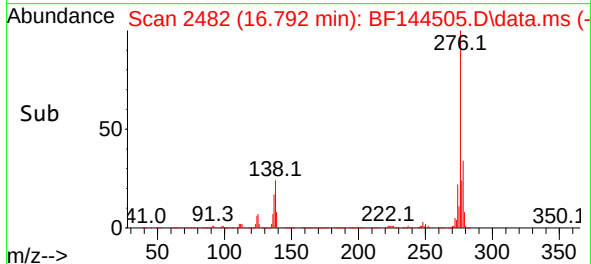
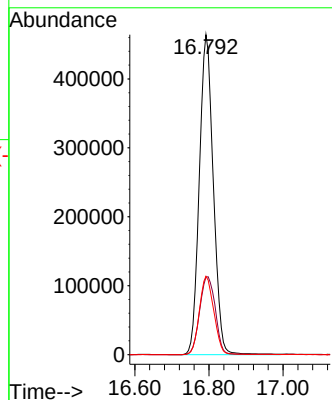
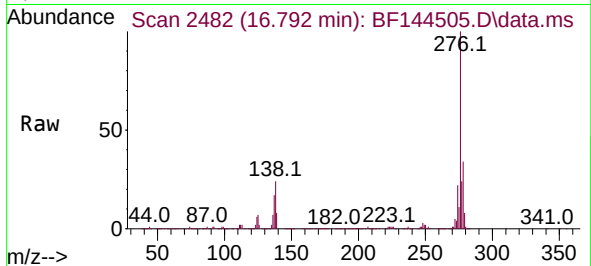




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.678 ng
RT: 16.792 min Scan# 2483
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

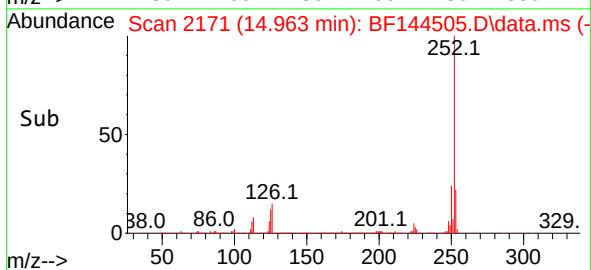
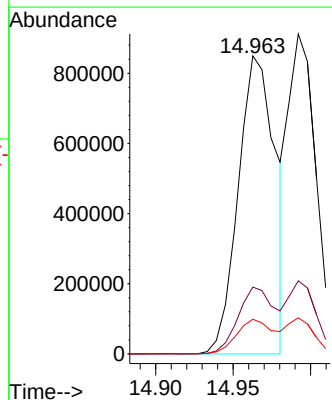
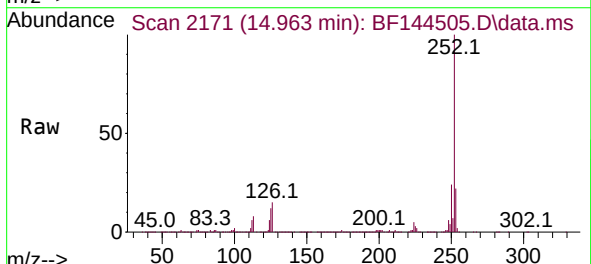
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

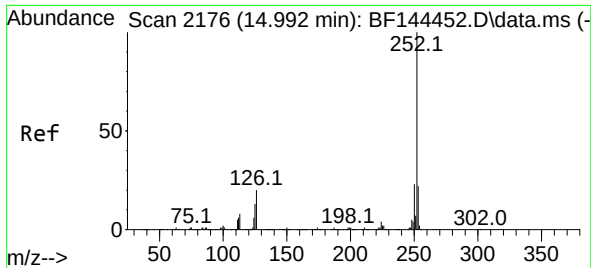
Tgt Ion:276 Resp: 1215442
Ion Ratio Lower Upper
276 100
138 27.2 21.9 32.9
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 53.121 ng
RT: 14.963 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:252 Resp: 1416846
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.6 9.0 13.4

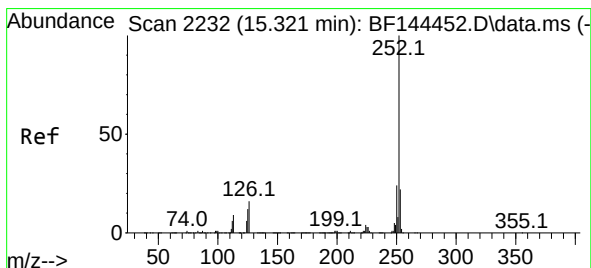
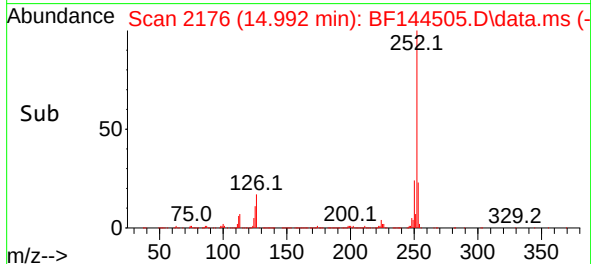
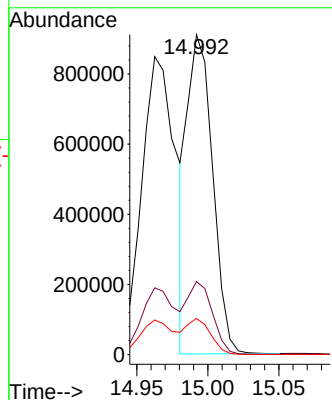
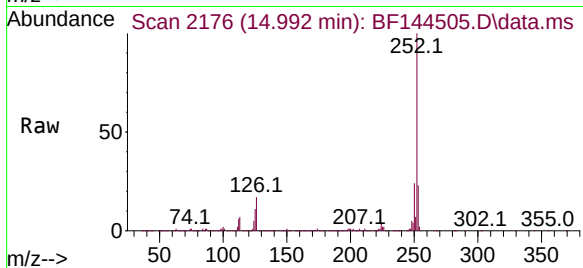




#89
Benzo(k)fluoranthene
Concen: 44.828 ng
RT: 14.992 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

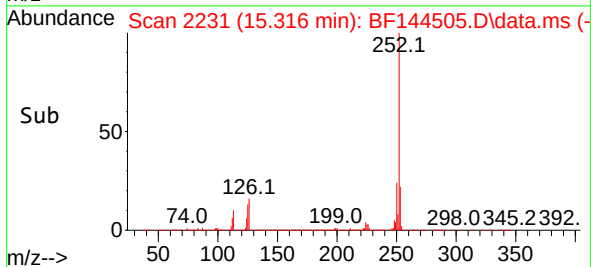
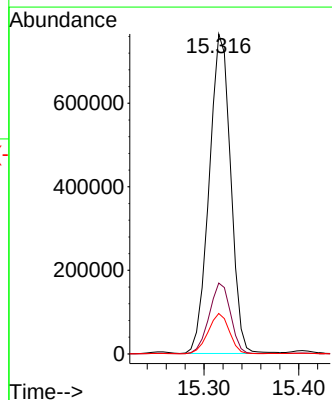
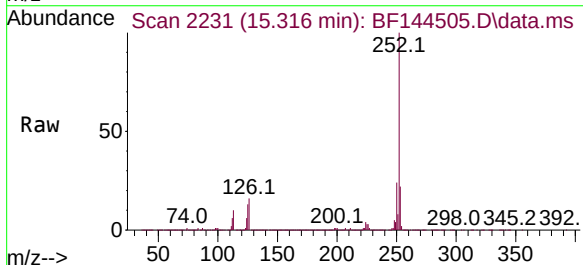
Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

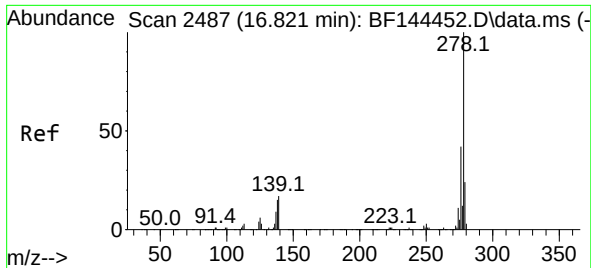
Tgt Ion:252 Resp: 1130559
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 11.3 9.7 14.5



#90
Benzo(a)pyrene
Concen: 51.768 ng
RT: 15.316 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:252 Resp: 1206911
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 12.6 9.9 14.9

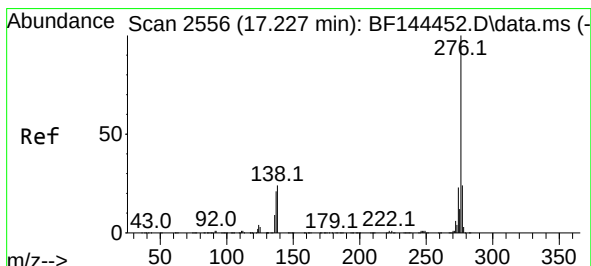
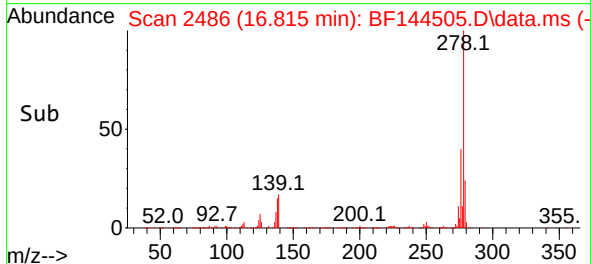
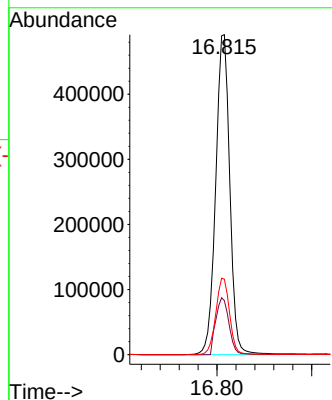
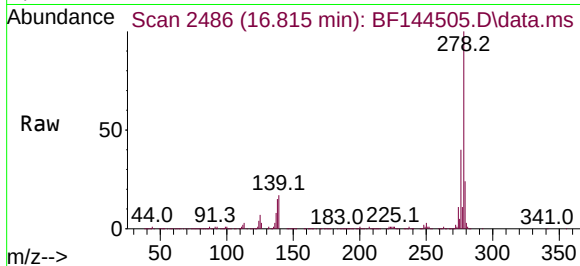




#91
Dibenzo(a,h)anthracene
Concen: 43.078 ng
RT: 16.815 min Scan# 2487
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Instrument :
BNA_F
ClientSampleId :
B150(10-12)121225MSD

Tgt Ion:278 Resp: 1014552
Ion Ratio Lower Upper
278 100
139 16.9 13.6 20.4
279 23.6 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 39.601 ng
RT: 17.221 min Scan# 2555
Delta R.T. -0.006 min
Lab File: BF144505.D
Acq: 16 Dec 2025 20:15

Tgt Ion:276 Resp: 948321
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 23.1 19.4 29.2

