

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143351.D
 Acq On : 12 Aug 2025 13:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081225

Quant Time: Aug 12 14:13:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	162839	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	633786	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	340813	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	507289	20.000	ng	0.00
76) Chrysene-d12	14.092	240	280276	20.000	ng	0.00
86) Perylene-d12	15.580	264	324835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	726544	77.155	ng	0.00
7) Phenol-d6	6.557	99	917587	75.986	ng	0.00
23) Nitrobenzene-d5	7.487	82	846400	83.164	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	211383	84.868	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1489585	74.116	ng	0.00
79) Terphenyl-d14	13.033	244	1227991	78.222	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.758	88	181552	37.259	ng	100
3) Pyridine	3.534	79	503048	38.741	ng	98
4) n-Nitrosodimethylamine	3.469	42	250430	41.403	ng	99
6) Aniline	6.593	93	691138	40.597	ng	98
8) 2-Chlorophenol	6.716	128	412875	41.033	ng	99
9) Benzaldehyde	6.481	77	322014	40.346	ng	99
10) Phenol	6.575	94	575912	40.258	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	411435	39.024	ng	99
12) 1,3-Dichlorobenzene	6.875	146	462064	39.813	ng	99
13) 1,4-Dichlorobenzene	6.946	146	467795	40.160	ng	99
14) 1,2-Dichlorobenzene	7.098	146	446591	40.389	ng	99
15) Benzyl Alcohol	7.069	79	366386	42.327	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	748899	39.787	ng	96
17) 2-Methylphenol	7.181	107	347573	40.922	ng	99
18) Hexachloroethane	7.445	117	154629	42.342	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	298013	39.940	ng	99
20) 3+4-Methylphenols	7.334	107	422225	41.105	ng	97
22) Acetophenone	7.334	105	558359	39.985	ng	98
24) Nitrobenzene	7.510	77	452284	40.919	ng	99
25) Isophorone	7.745	82	825406	39.728	ng	98
26) 2-Nitrophenol	7.828	139	190171	43.318	ng	99
27) 2,4-Dimethylphenol	7.863	122	384805	44.394	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	503776	39.714	ng	100
29) 2,4-Dichlorophenol	8.069	162	349559	41.289	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	366302	41.017	ng	100
31) Naphthalene	8.234	128	1170219	38.372	ng	100
32) Benzoic acid	7.969	122	157226	43.285	ng	99
33) 4-Chloroaniline	8.275	127	490782	44.618	ng	98
34) Hexachlorobutadiene	8.351	225	218687	39.366	ng	99
35) Caprolactam	8.640	113	99702	41.892	ng	95
36) 4-Chloro-3-methylphenol	8.757	107	361383	40.717	ng	99
37) 2-Methylnaphthalene	8.922	142	707136	35.270	ng	100
38) 1-Methylnaphthalene	9.022	142	733181	37.970	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	365752	39.218	ng	100
41) Hexachlorocyclopentadiene	9.081	237	161472	51.644	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	226704	42.843	ng	97

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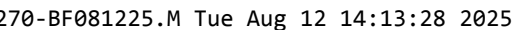
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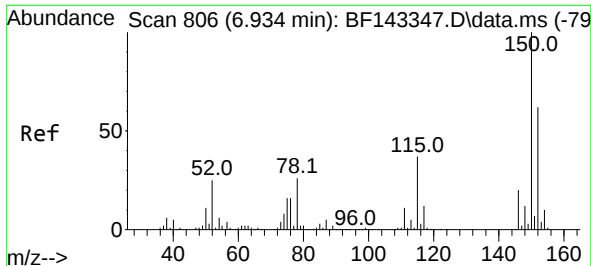
Quant Time: Aug 12 14:13:17 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	246815	41.305	ng	99
46) 1,1'-Biphenyl	9.387	154	935277	38.812	ng	100
47) 2-Chloronaphthalene	9.410	162	722952	38.093	ng	99
48) 2-Nitroaniline	9.504	65	228854	42.167	ng	100
49) Acenaphthylene	9.828	152	1164992	42.507	ng	100
50) Dimethylphthalate	9.681	163	799080	40.126	ng	99
51) 2,6-Dinitrotoluene	9.745	165	168880	45.012	ng	94
52) Acenaphthene	10.004	154	690443	37.893	ng	99
53) 3-Nitroaniline	9.916	138	194097	47.593	ng	97
54) 2,4-Dinitrophenol	10.022	184	56042	45.910	ng	98
55) Dibenzofuran	10.175	168	1013581	38.652	ng	99
56) 4-Nitrophenol	10.075	139	124501	41.060	ng	97
57) 2,4-Dinitrotoluene	10.145	165	215795	43.458	ng	98
58) Fluorene	10.516	166	761581	38.022	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	201768	50.091	ng	98
60) Diethylphthalate	10.381	149	719164	40.317	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	368971	38.123	ng	99
62) 4-Nitroaniline	10.522	138	174863	44.317	ng	99
63) Azobenzene	10.663	77	809295	39.721	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	87717	43.535	ng	97
66) n-Nitrosodiphenylamine	10.622	169	659263	39.468	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	228971	39.466	ng	99
68) Hexachlorobenzene	11.069	284	240521	38.460	ng	99
69) Atrazine	11.145	200	178347	40.936	ng	99
70) Pentachlorophenol	11.263	266	108593	38.771	ng	96
71) Phenanthrene	11.475	178	1060892	38.330	ng	100
72) Anthracene	11.528	178	1090047	38.834	ng	99
73) Carbazole	11.681	167	929366	38.877	ng	99
74) Di-n-butylphthalate	12.010	149	871054	43.060	ng	100
75) Fluoranthene	12.663	202	910203	37.543	ng	99
77) Benzidine	12.780	184	336170	43.872	ng	99
78) Pyrene	12.892	202	924712	39.329	ng	100
80) Butylbenzylphthalate	13.504	149	188120	41.012	ng	99
81) Benzo(a)anthracene	14.080	228	693960	38.956	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	222482	46.252	ng	99
83) Chrysene	14.116	228	639568	38.503	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	285665	42.315	ng	100
85) Di-n-octyl phthalate	14.674	149	563193	42.219	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	934056	40.136	ng	100
88) Benzo(b)fluoranthene	15.139	252	725882	40.856	ng	99
89) Benzo(k)fluoranthene	15.169	252	639883	37.064	ng	100
90) Benzo(a)pyrene	15.516	252	686526	41.027	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	757376	40.736	ng	99
92) Benzo(g,h,i)perylene	17.557	276	767923	41.001	ng	99

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

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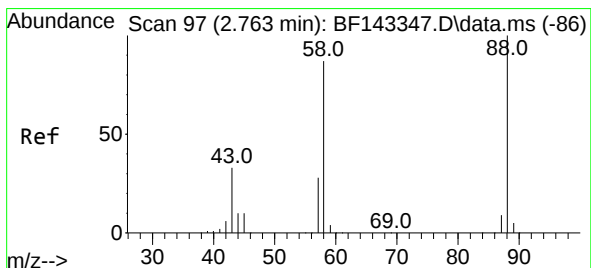
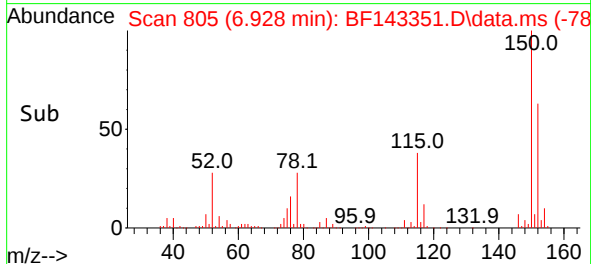
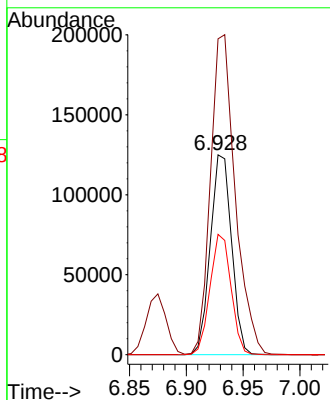
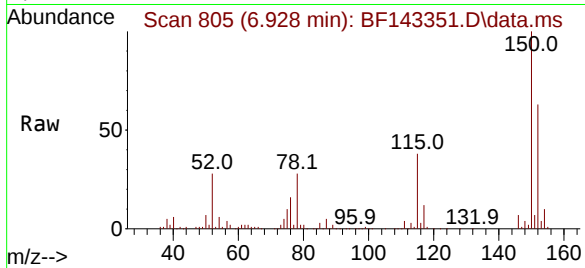




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

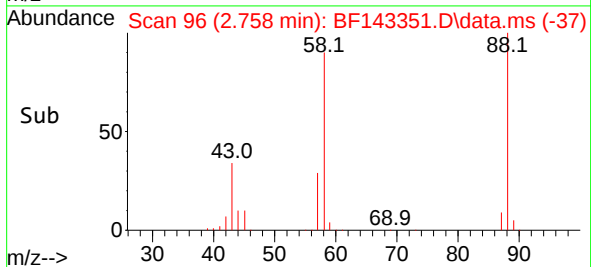
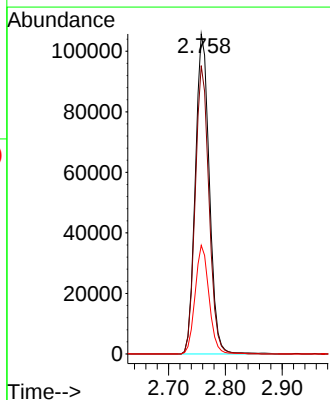
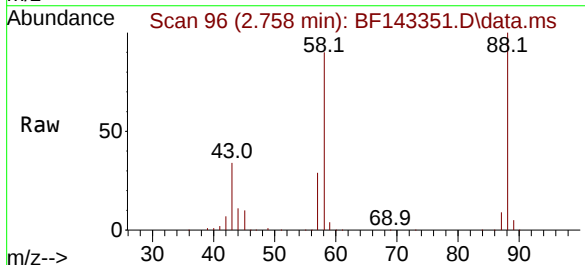
Instrument :
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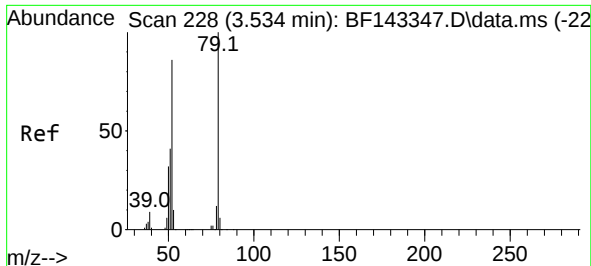
Tgt Ion:152 Resp: 162839
Ion Ratio Lower Upper
152 100
150 158.0 129.8 194.8
115 60.2 47.8 71.8



#2
1,4-Dioxane
Concen: 37.259 ng
RT: 2.758 min Scan# 96
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 88 Resp: 181552
Ion Ratio Lower Upper
88 100
58 88.6 71.0 106.6
43 33.7 27.0 40.6





#3

Pyridine

Concen: 38.741 ng

RT: 3.534 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

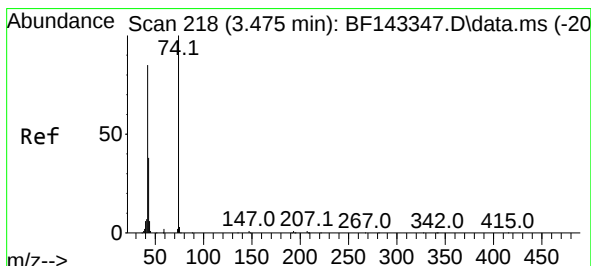
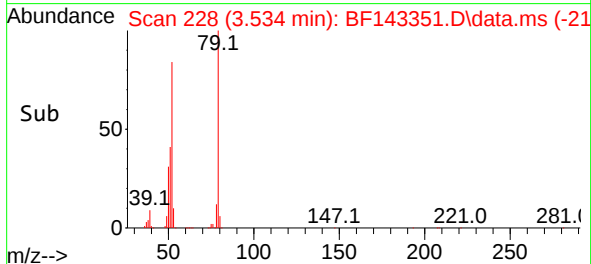
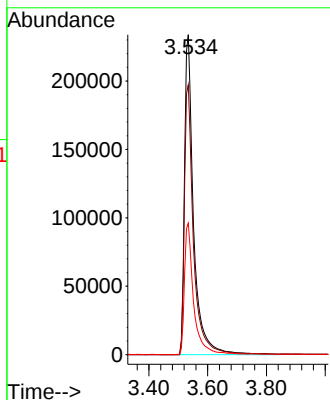
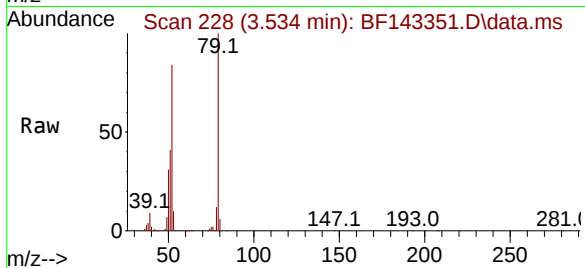
Tgt Ion: 79 Resp: 503048

Ion Ratio Lower Upper

79 100

52 84.3 68.7 103.1

51 41.1 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 41.403 ng

RT: 3.469 min Scan# 217

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

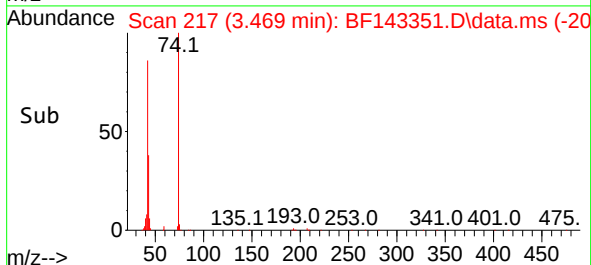
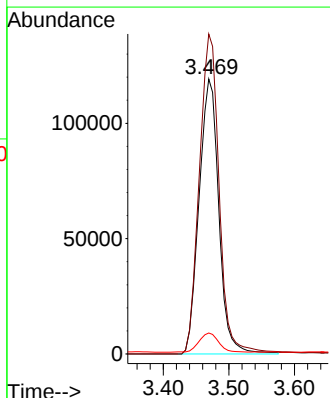
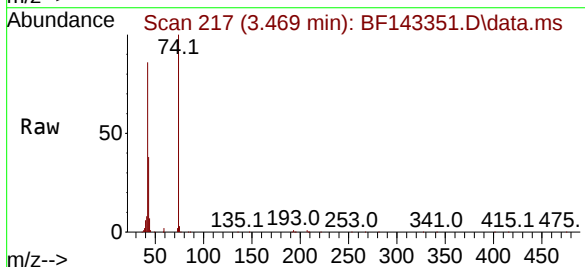
Tgt Ion: 42 Resp: 250430

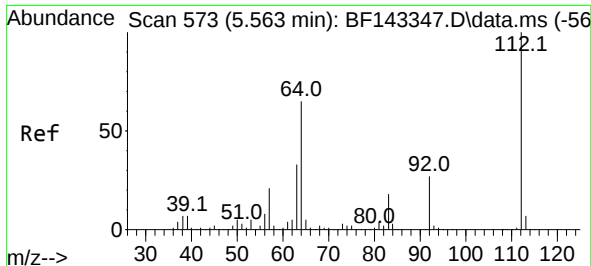
Ion Ratio Lower Upper

42 100

74 116.3 94.1 141.1

44 7.6 6.5 9.7

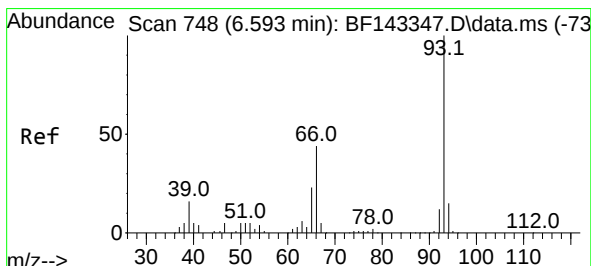
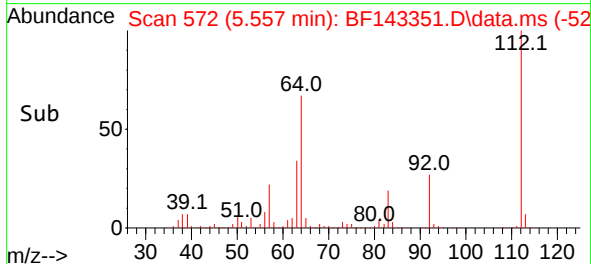
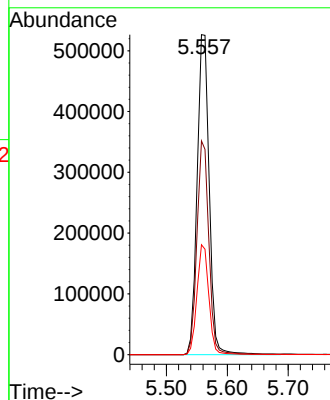
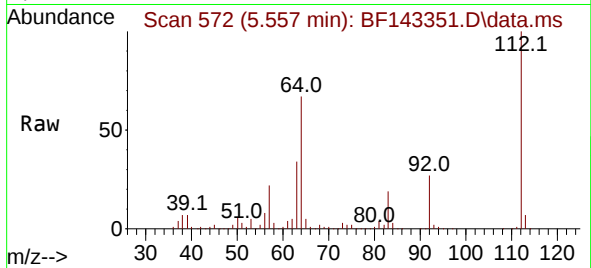




#5
2-Fluorophenol
Concen: 77.155 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

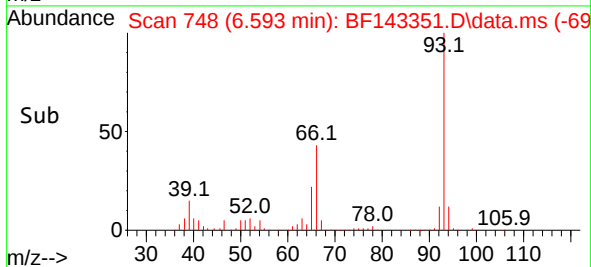
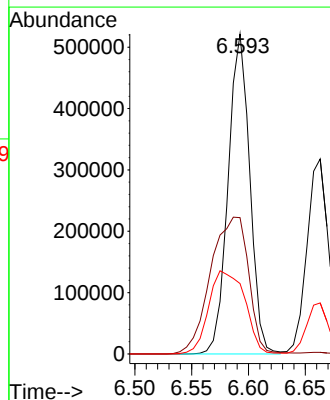
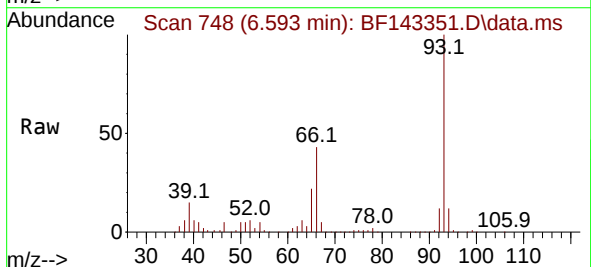
Instrument :
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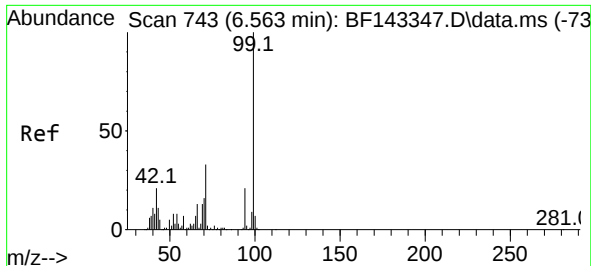
Tgt Ion:112 Resp: 726544
Ion Ratio Lower Upper
112 100
64 66.8 52.1 78.1
63 34.4 26.6 39.8



#6
Aniline
Concen: 40.597 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 93 Resp: 691138
Ion Ratio Lower Upper
93 100
66 42.6 35.3 52.9
65 22.0 18.2 27.4

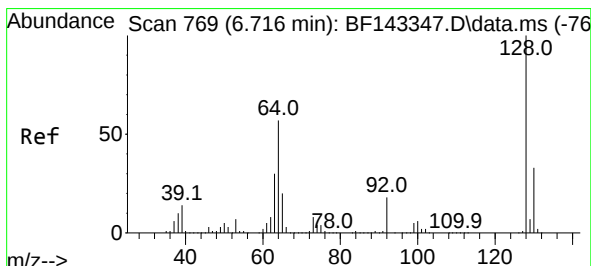
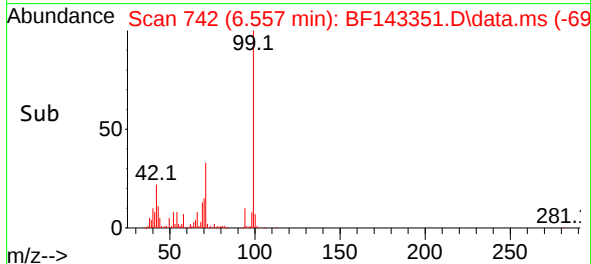
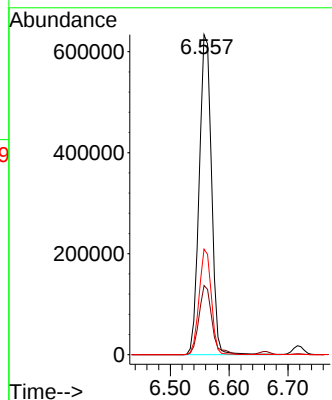
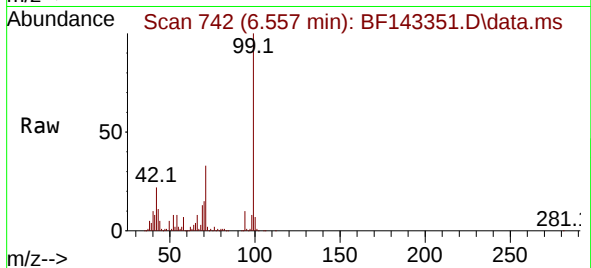




#7
Phenol-d6
Concen: 75.986 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

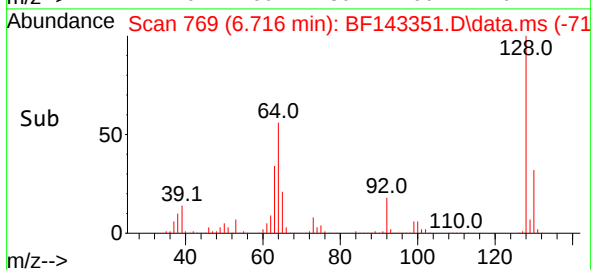
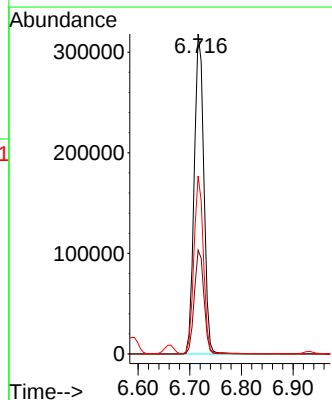
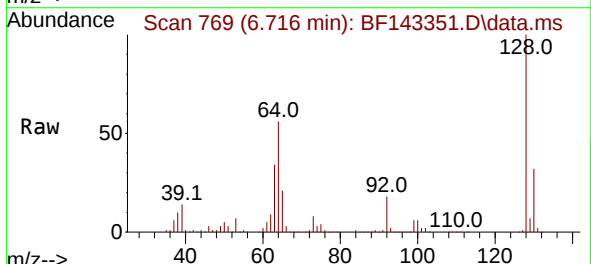
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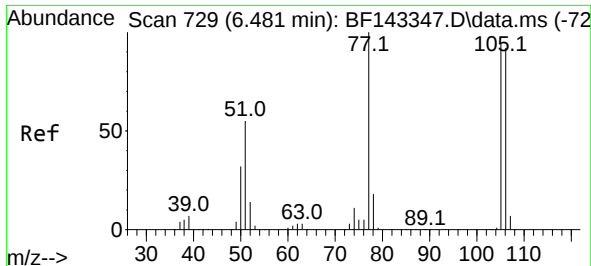
Tgt Ion: 99 Resp: 917587
Ion Ratio Lower Upper
99 100
42 21.6 16.6 25.0
71 33.0 26.2 39.2



#8
2-Chlorophenol
Concen: 41.033 ng
RT: 6.716 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 128 Resp: 412875
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 55.6 36.7 76.7





#9

Benzaldehyde

Concen: 40.346 ng

RT: 6.481 min Scan# 729

Delta R.T. -0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

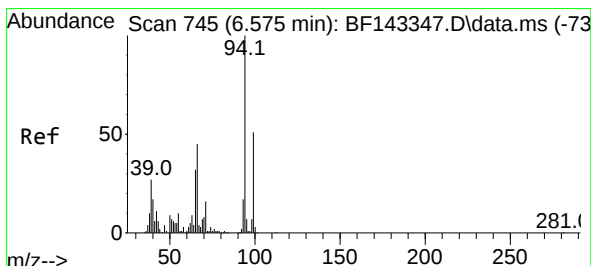
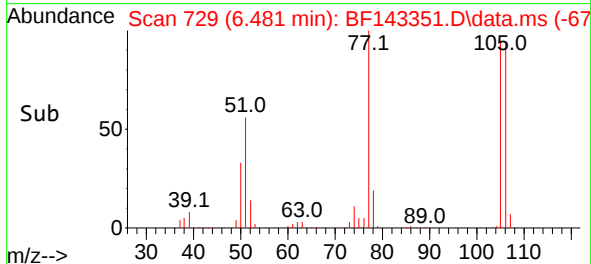
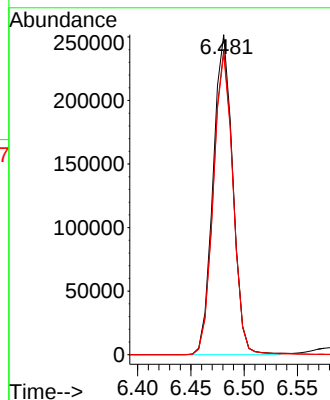
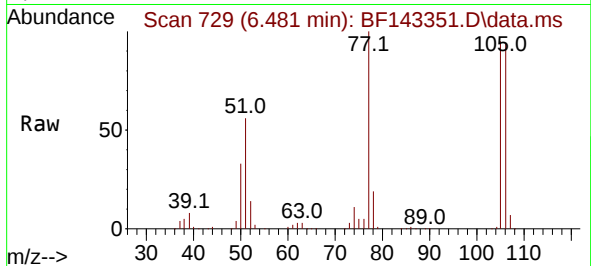
Tgt Ion: 77 Resp: 322014

Ion Ratio Lower Upper

77 100

105 95.2 74.2 114.2

106 94.0 72.2 112.2



#10

Phenol

Concen: 40.258 ng

RT: 6.575 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

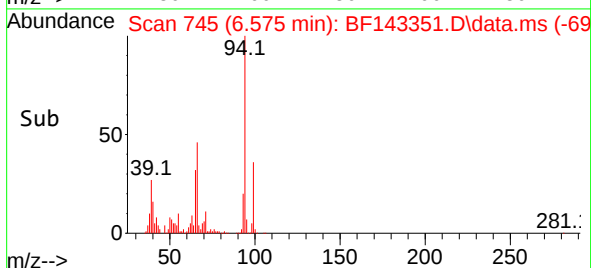
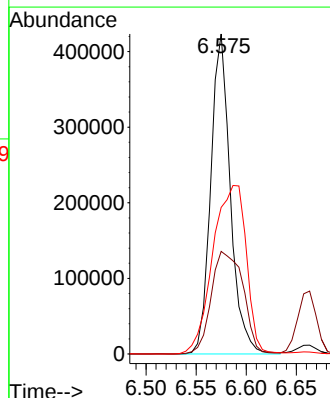
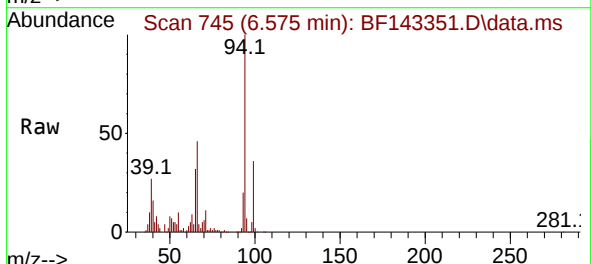
Tgt Ion: 94 Resp: 575912

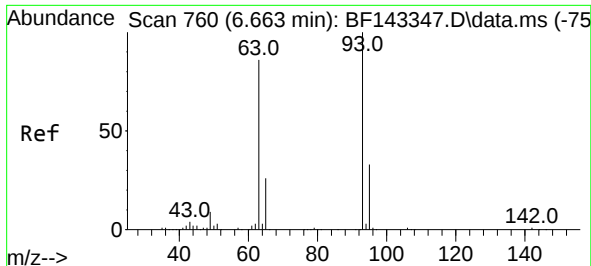
Ion Ratio Lower Upper

94 100

65 32.1 12.0 52.0

66 45.8 25.6 65.6

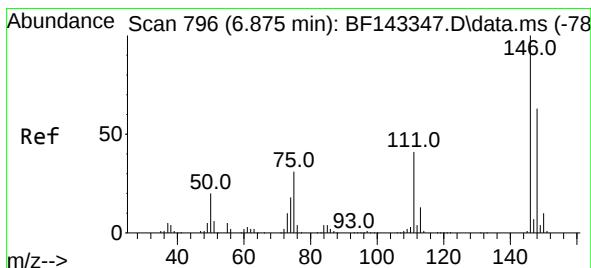
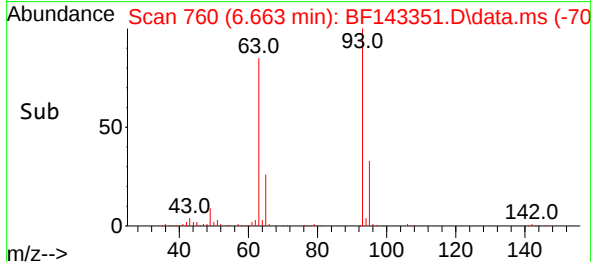
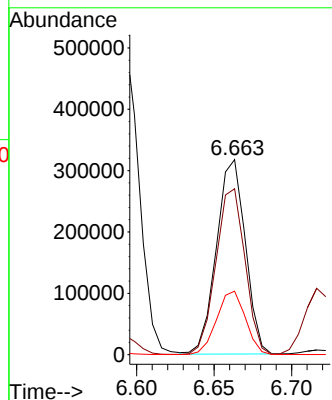
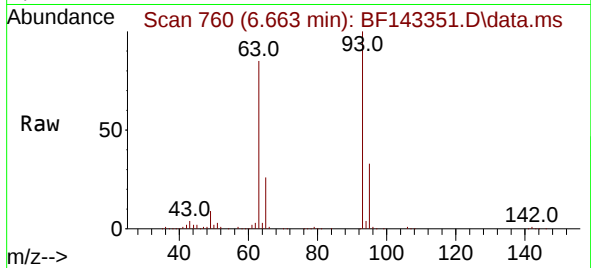




#11
bis(2-Chloroethyl)ether
Concen: 39.024 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

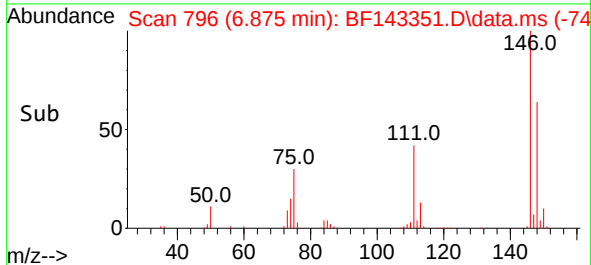
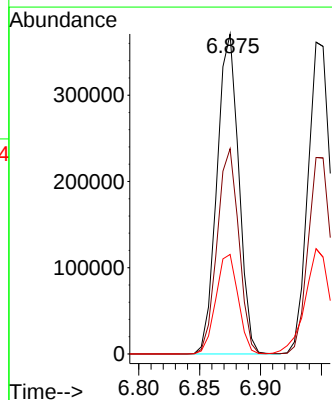
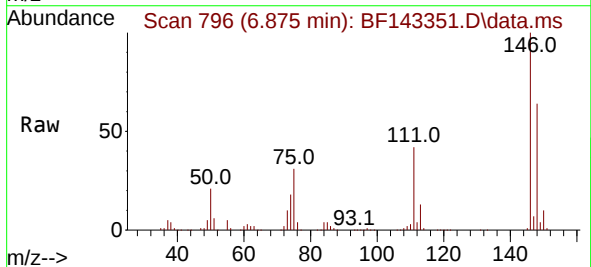
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

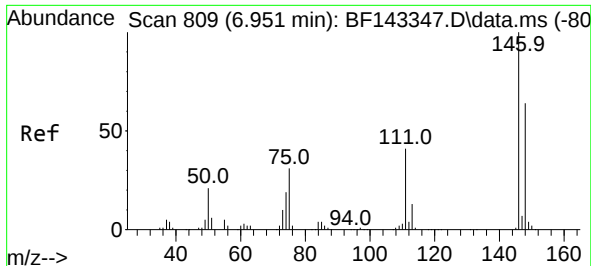
Tgt Ion: 93 Resp: 411435
Ion Ratio Lower Upper
93 100
63 85.1 65.7 105.7
95 32.6 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 39.813 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 146 Resp: 462064
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
75 31.1 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 40.160 ng

RT: 6.946 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

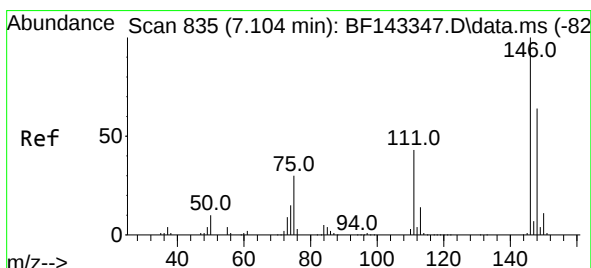
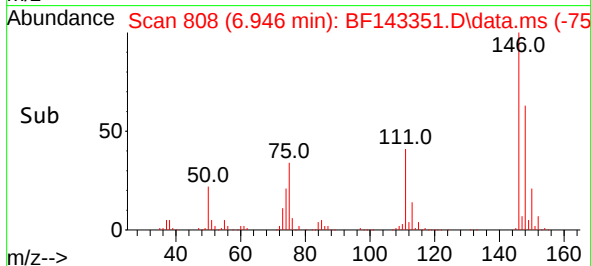
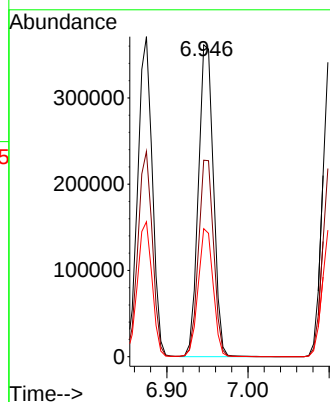
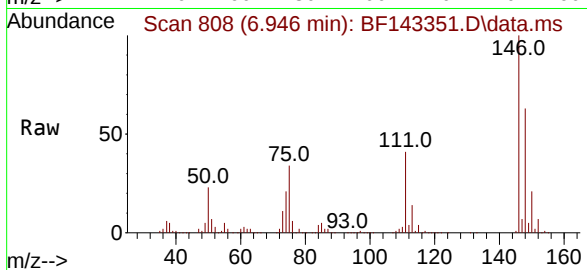
Tgt Ion:146 Resp: 467795

Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.0

111 41.0 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.389 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

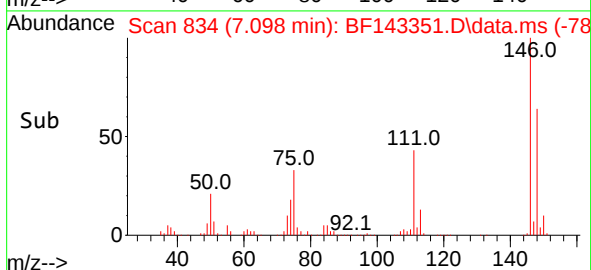
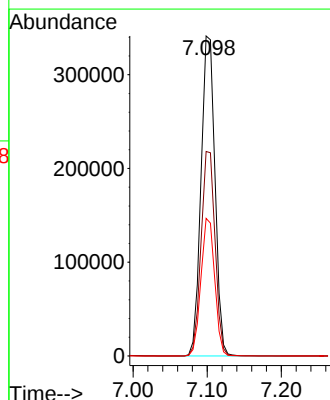
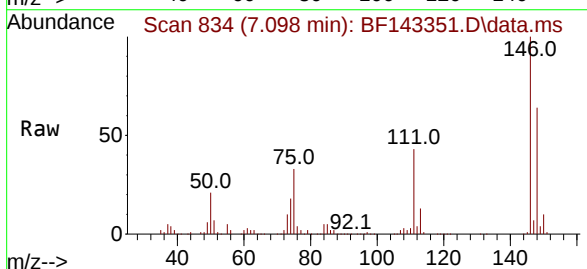
Tgt Ion:146 Resp: 446591

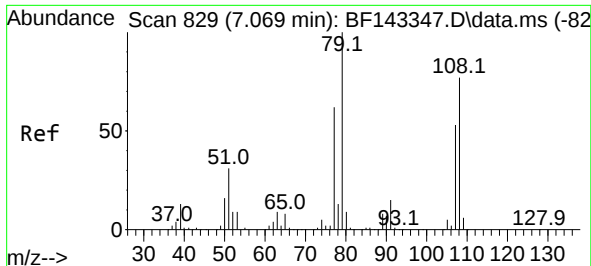
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

111 43.0 34.1 51.1

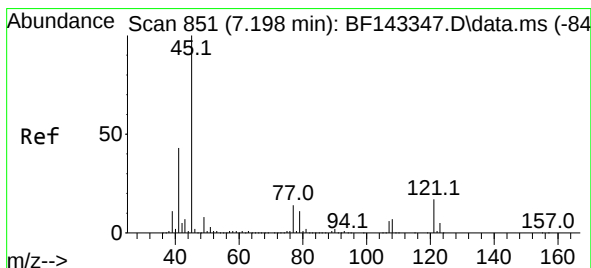
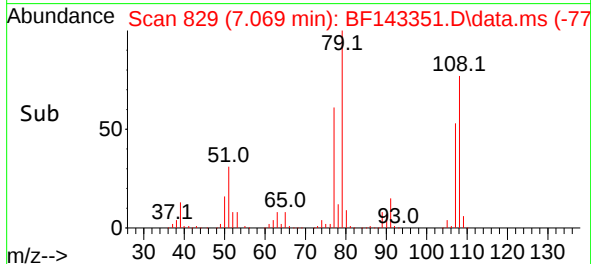
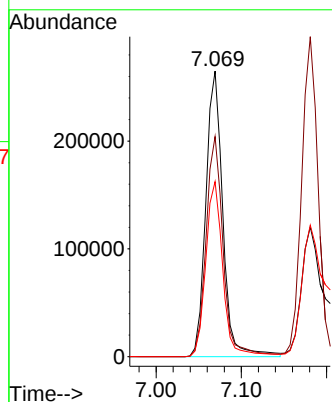
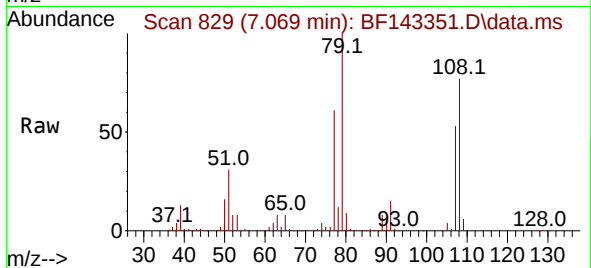




#15
Benzyl Alcohol
Concen: 42.327 ng
RT: 7.069 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

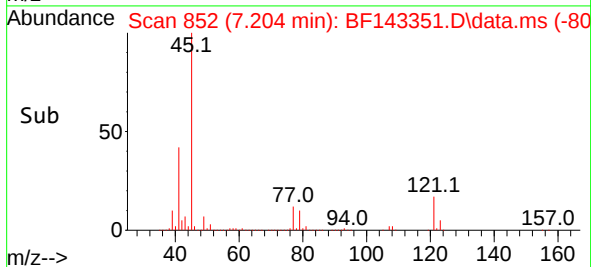
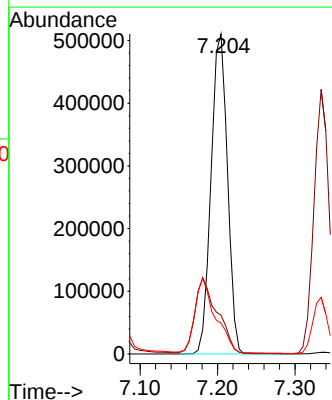
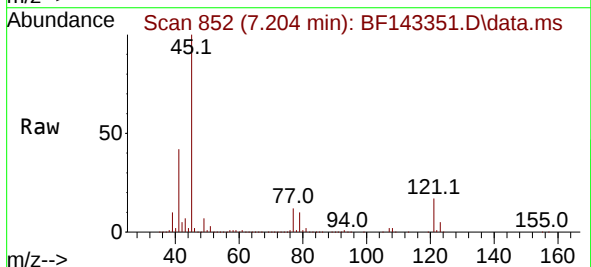
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

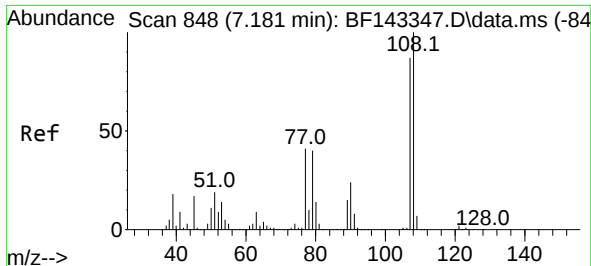
Tgt Ion: 79 Resp: 366386
Ion Ratio Lower Upper
79 100
108 77.1 61.5 92.3
77 61.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.787 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 45 Resp: 748899
Ion Ratio Lower Upper
45 100
77 12.1 0.0 34.0
79 9.7 0.0 31.1

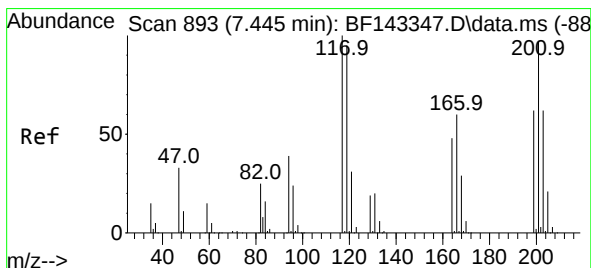
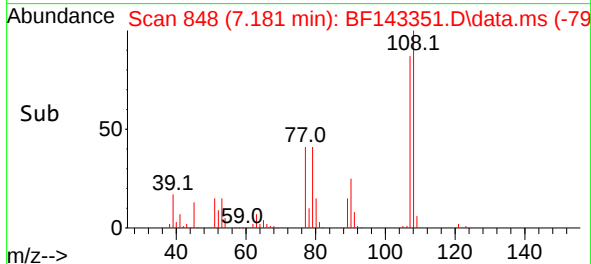
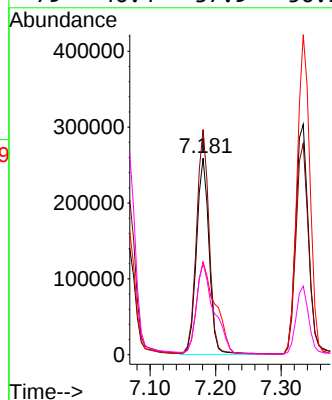
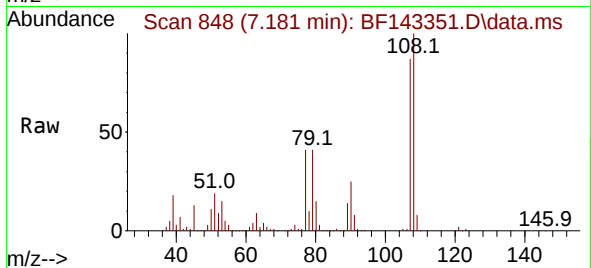




#17
2-Methylphenol
Concen: 40.922 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

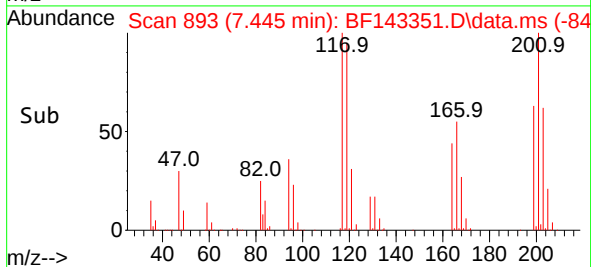
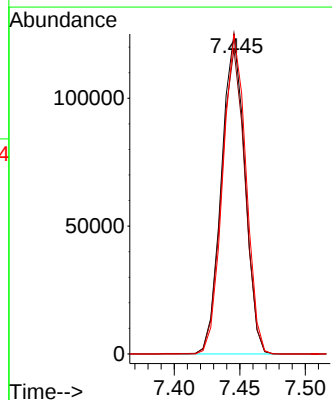
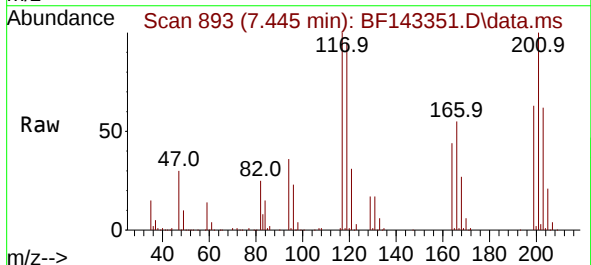
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

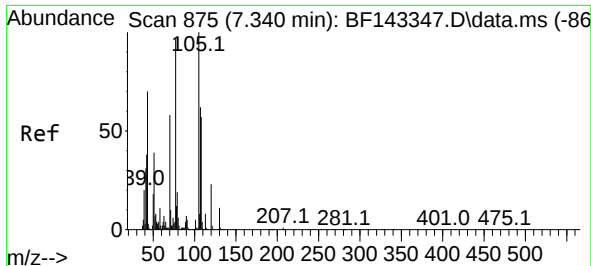
Tgt Ion:	107	Resp:	347573
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.0	138.0
77	47.1	38.2	57.2
79	46.4	37.9	56.9



#18
Hexachloroethane
Concen: 42.342 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:	117	Resp:	154629
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.8
201	99.7	77.2	115.8



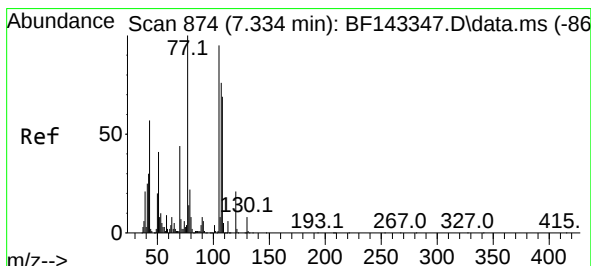
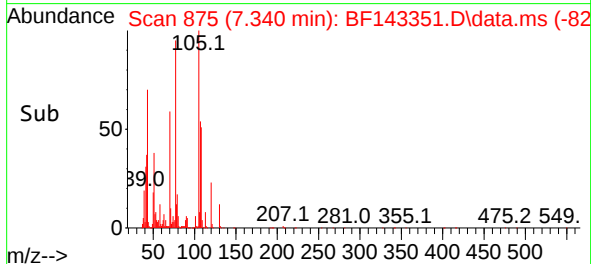
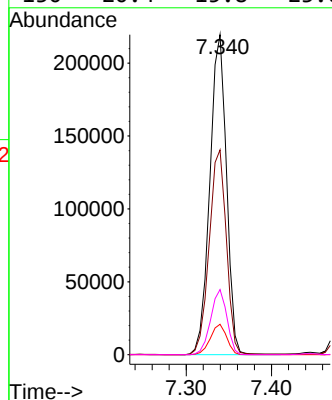
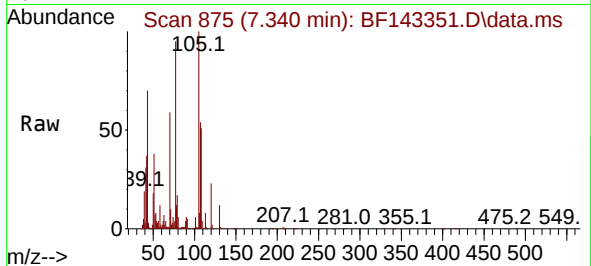


#19
n-Nitroso-di-n-propylamine
Concen: 39.940 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion: 70 Resp: 298013

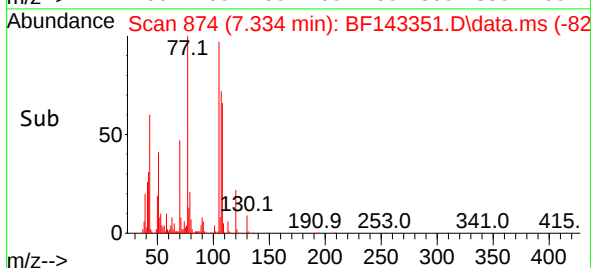
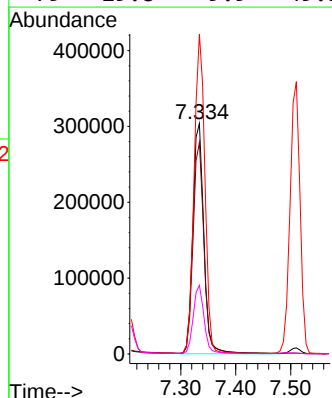
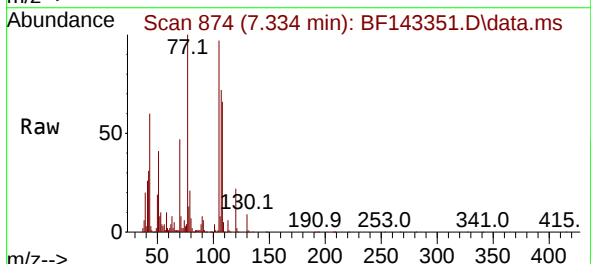
Ion	Ratio	Lower	Upper
70	100		
42	64.0	51.6	77.4
101	9.5	7.5	11.3
130	20.4	15.8	23.6

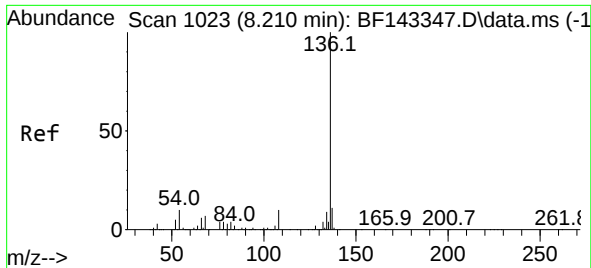


#20
3+4-Methylphenols
Concen: 41.105 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 107 Resp: 422225

Ion	Ratio	Lower	Upper
107	100		
108	91.7	70.6	110.6
77	138.9	112.0	152.0
79	29.8	9.9	49.9

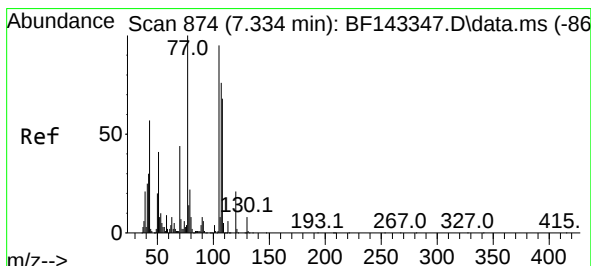
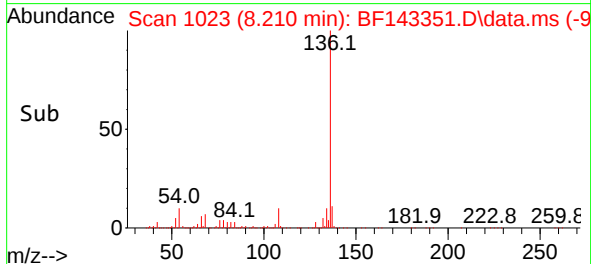
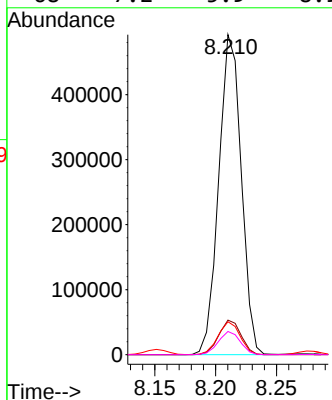
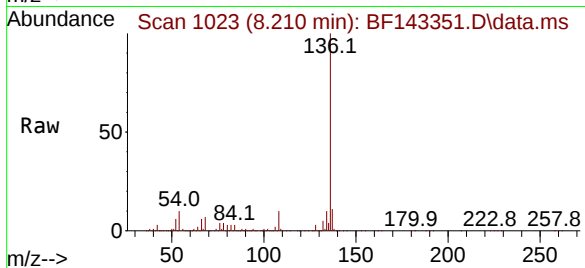




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

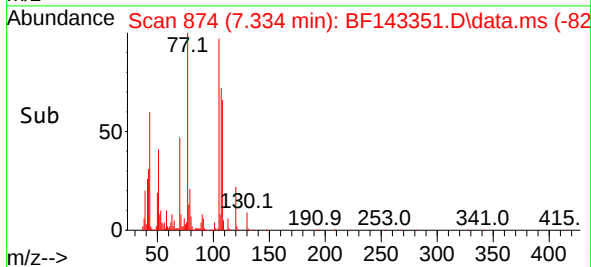
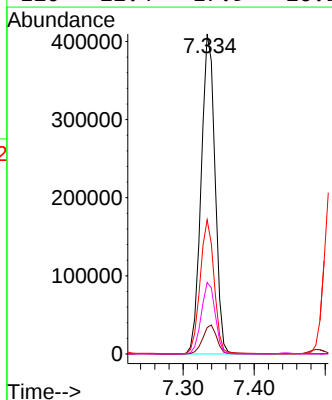
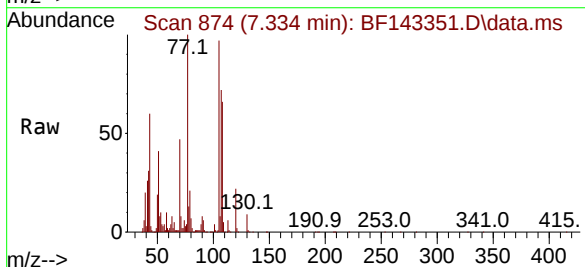
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

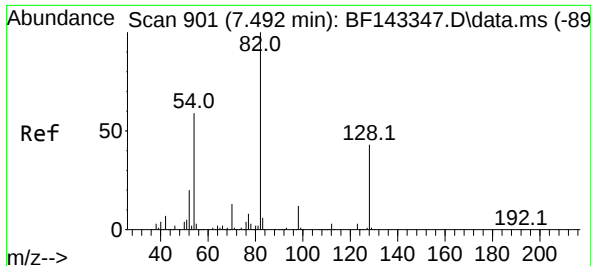
Tgt Ion:	136	Resp:	633786
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	10.3	8.4	12.6
68	7.2	5.9	8.9



#22
Acetophenone
Concen: 39.985 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:	105	Resp:	558359
Ion Ratio	Lower	Upper	
105	100		
71	8.3	6.2	9.4
51	41.9	34.8	52.2
120	22.4	17.9	26.9

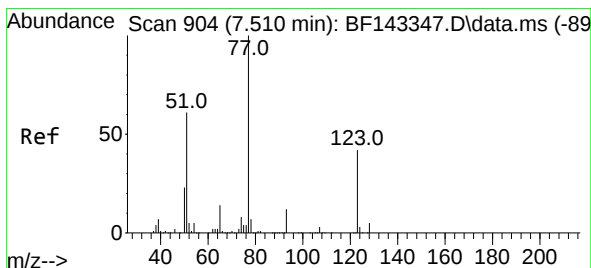
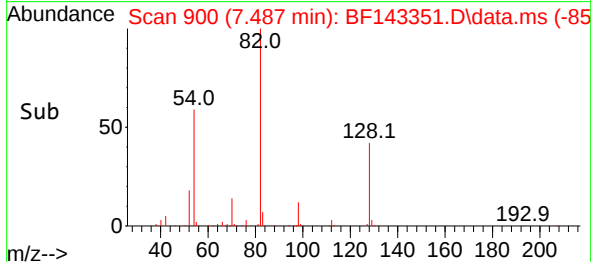
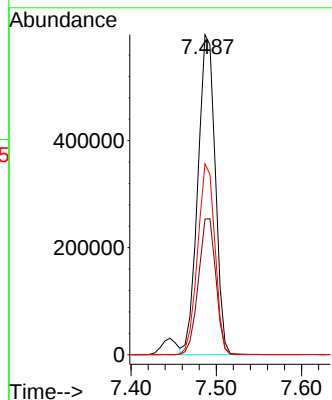
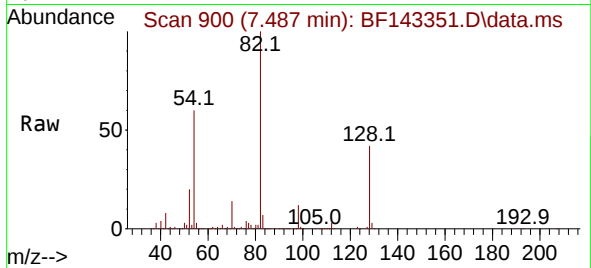




#23
Nitrobenzene-d5
Concen: 83.164 ng
RT: 7.487 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

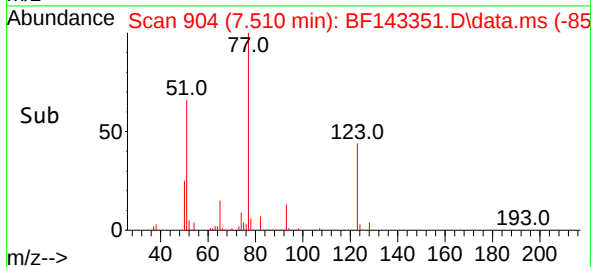
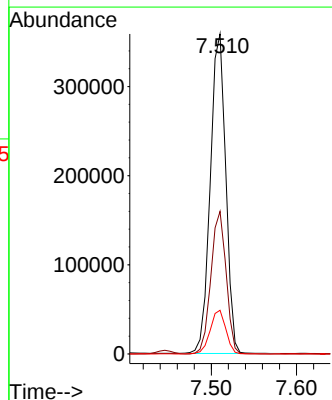
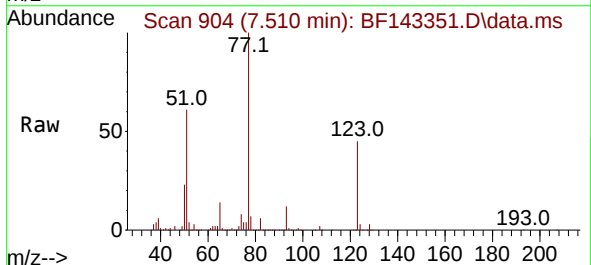
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

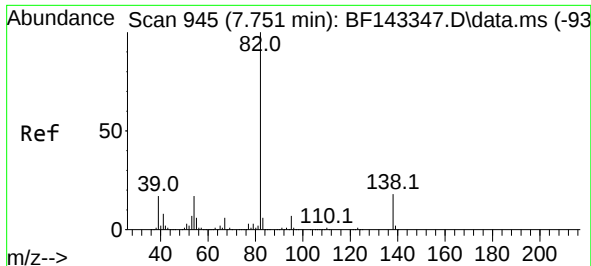
Tgt Ion: 82 Resp: 846400
Ion Ratio Lower Upper
82 100
128 42.3 33.5 50.3
54 59.7 46.7 70.1



#24
Nitrobenzene
Concen: 40.919 ng
RT: 7.510 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 77 Resp: 452284
Ion Ratio Lower Upper
77 100
123 44.6 34.8 52.2
65 13.7 11.0 16.6

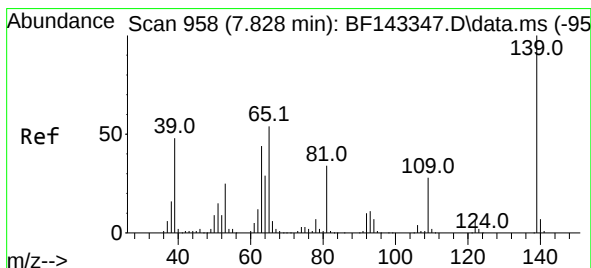
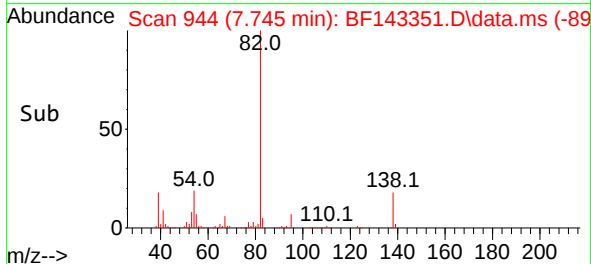
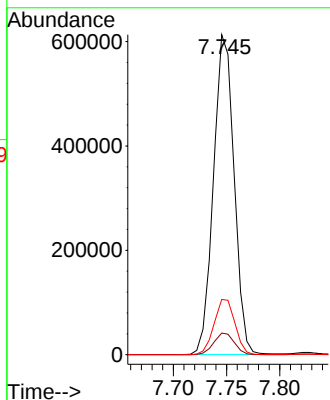
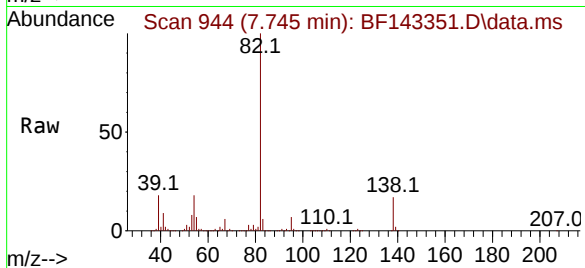




#25
Isophorone
Concen: 39.728 ng
RT: 7.745 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

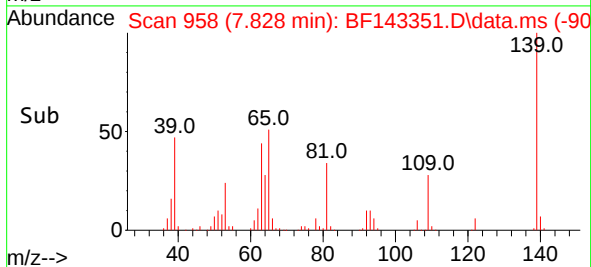
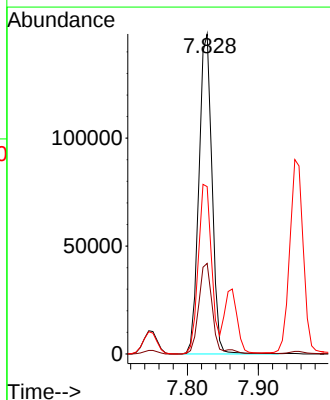
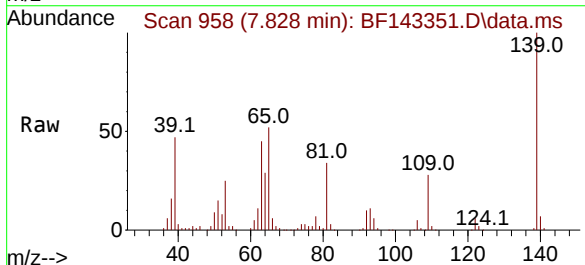
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

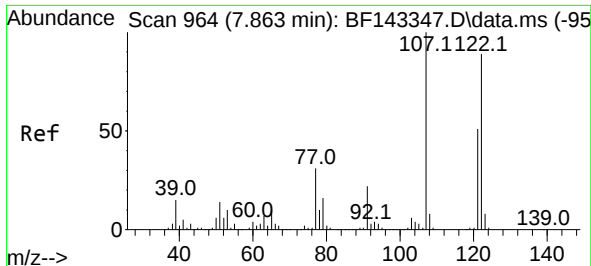
Tgt Ion: 82 Resp: 825406
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.2 14.6 21.8



#26
2-Nitrophenol
Concen: 43.318 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:139 Resp: 190171
Ion Ratio Lower Upper
139 100
109 28.3 22.4 33.6
65 52.3 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 44.394 ng

RT: 7.863 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

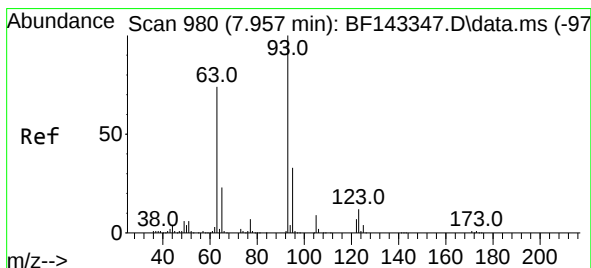
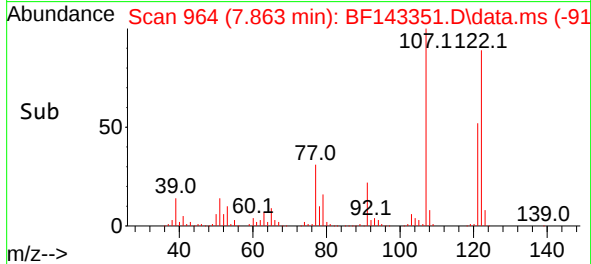
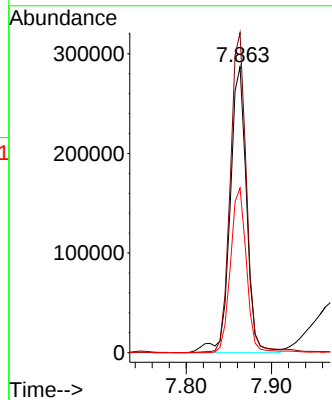
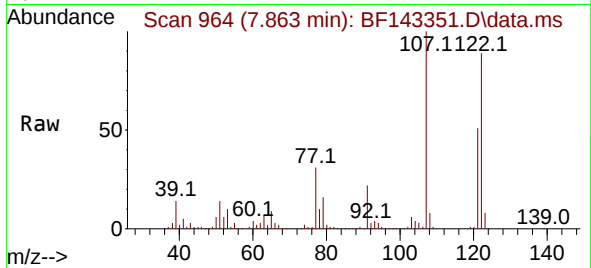
Tgt Ion:122 Resp: 384805

Ion Ratio Lower Upper

122 100

107 111.9 89.9 134.9

121 57.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.714 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

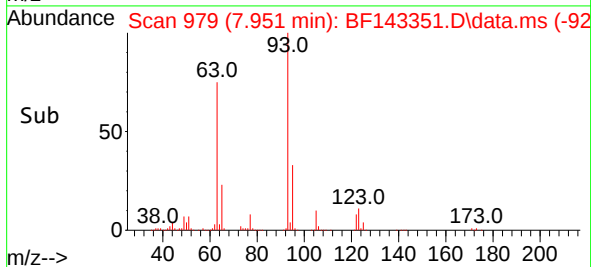
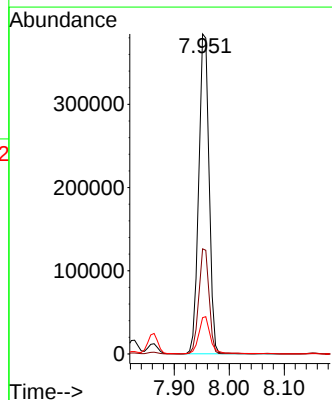
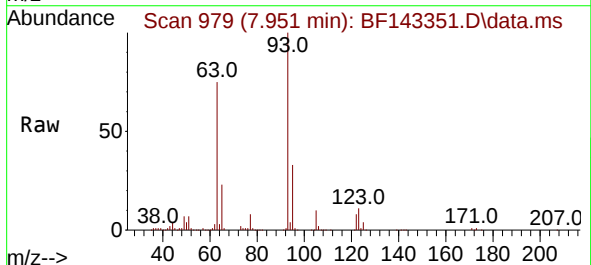
Tgt Ion: 93 Resp: 503776

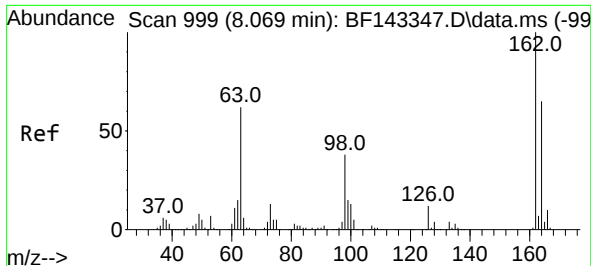
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 11.4 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 41.289 ng

RT: 8.069 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF143351.D

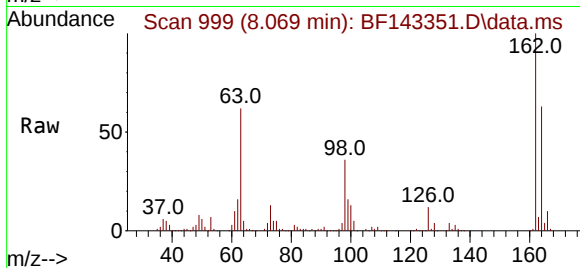
Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225



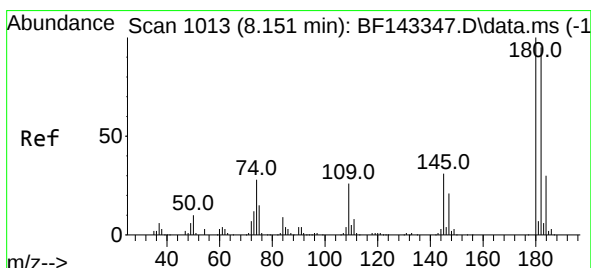
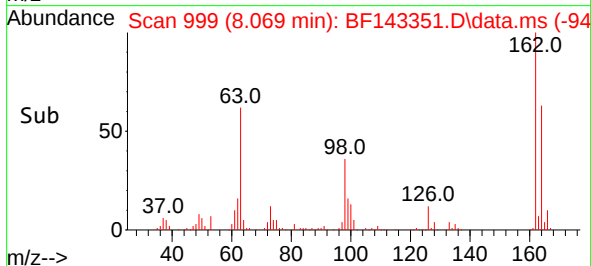
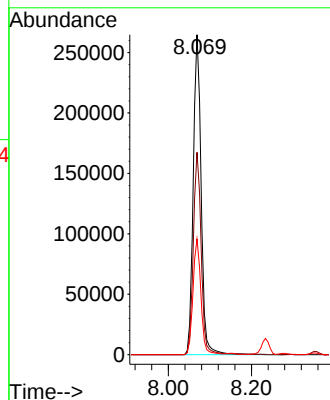
Tgt Ion:162 Resp: 349559

Ion Ratio Lower Upper

162 100

164 63.2 44.5 84.5

98 36.2 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 41.017 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

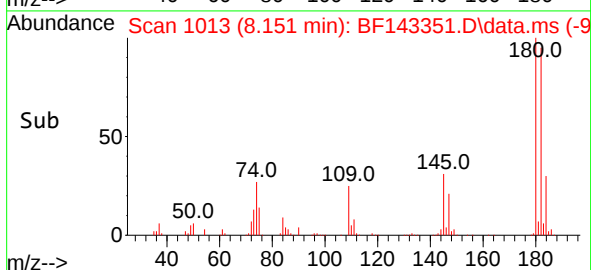
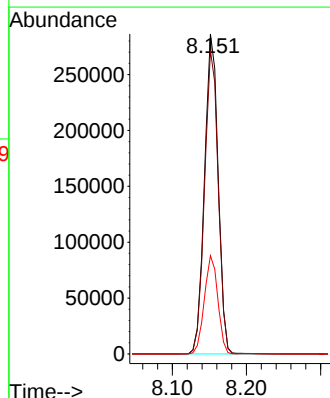
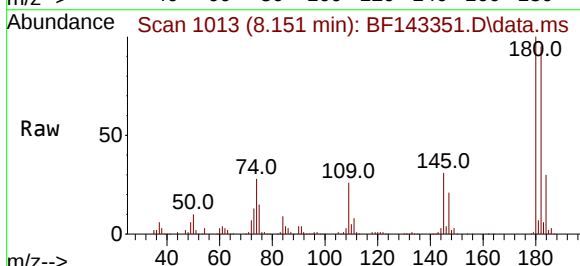
Tgt Ion:180 Resp: 366302

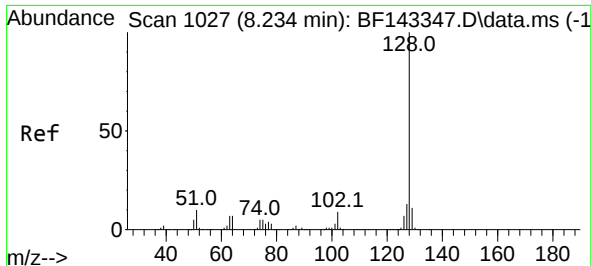
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

145 30.7 24.9 37.3

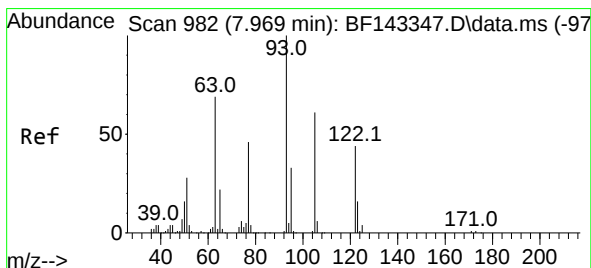
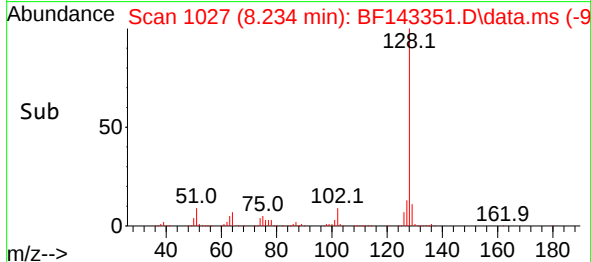
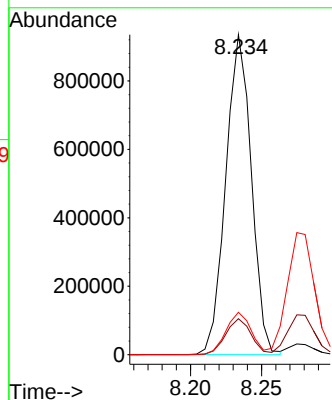
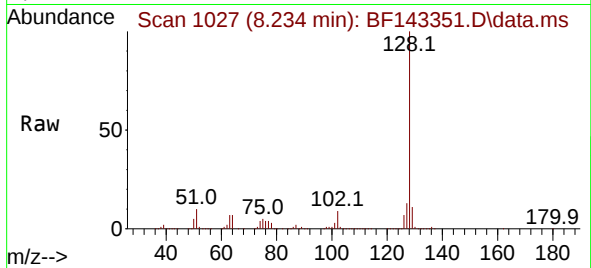




#31
Naphthalene
Concen: 38.372 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

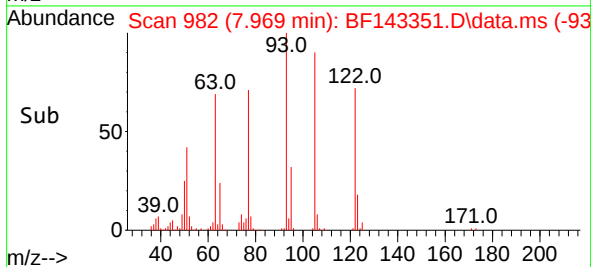
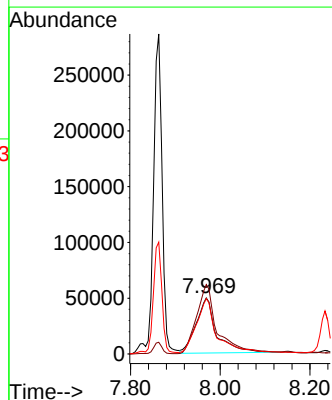
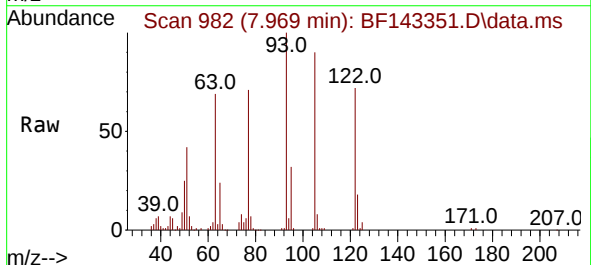
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

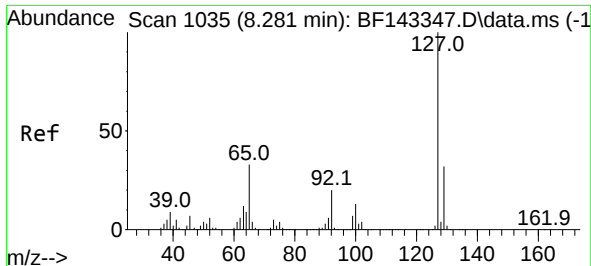
Tgt Ion:128 Resp: 1170219
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 43.285 ng
RT: 7.969 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:122 Resp: 157226
Ion Ratio Lower Upper
122 100
105 124.0 106.4 146.4
77 98.7 79.2 119.2

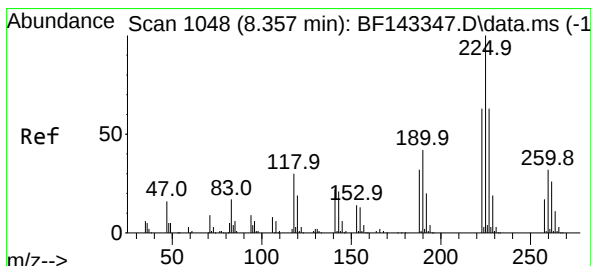
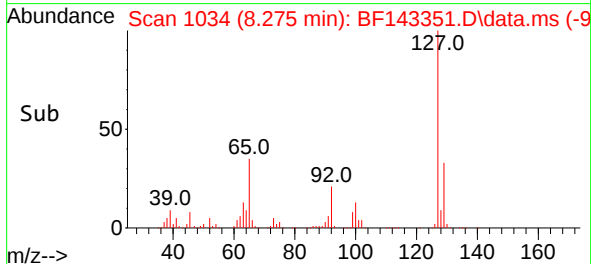
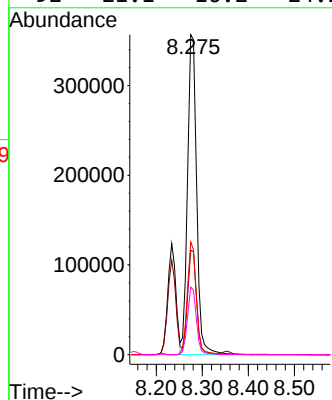
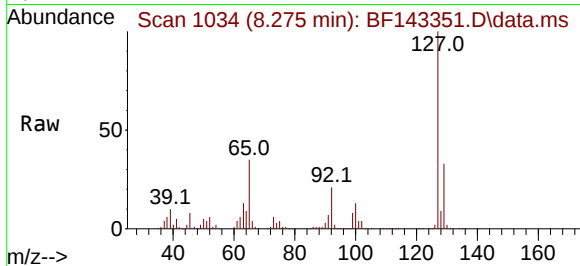




#33
4-Chloroaniline
Concen: 44.618 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

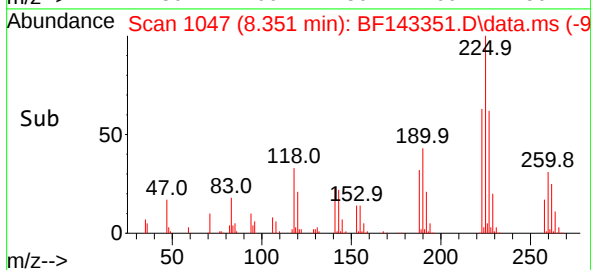
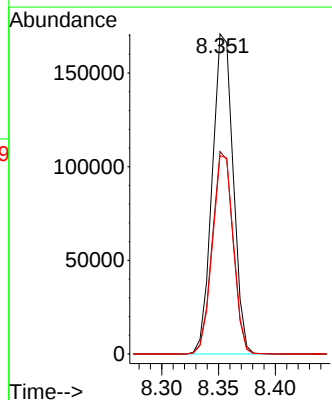
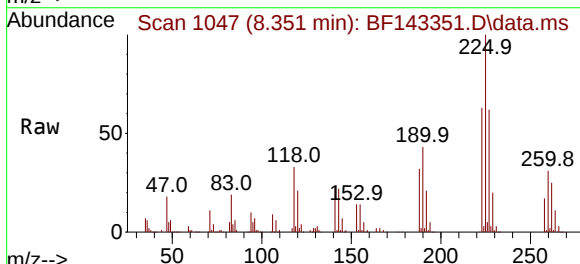
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

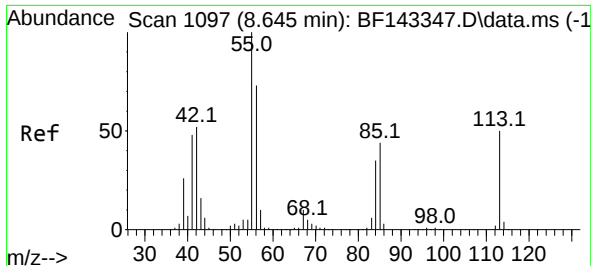
Tgt Ion:127	Resp: 490782
Ion Ratio	Lower Upper
127 100	
129 32.6	26.0 39.0
65 35.2	27.0 40.4
92 21.1	16.2 24.2



#34
Hexachlorobutadiene
Concen: 39.366 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:225	Resp: 218687		
Ion Ratio	Lower	Upper	
225 100			
223 63.3	50.1	75.1	
227 62.0	50.6	75.8	

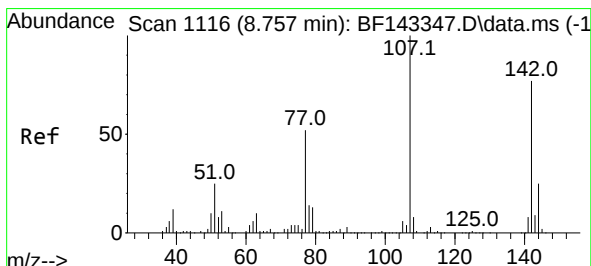
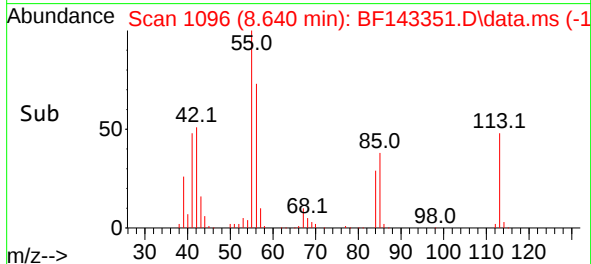
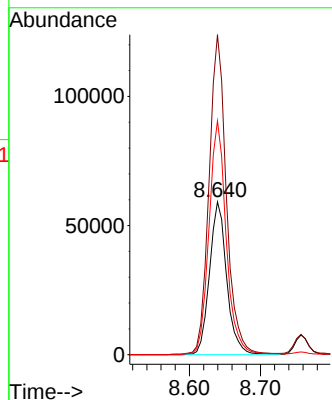
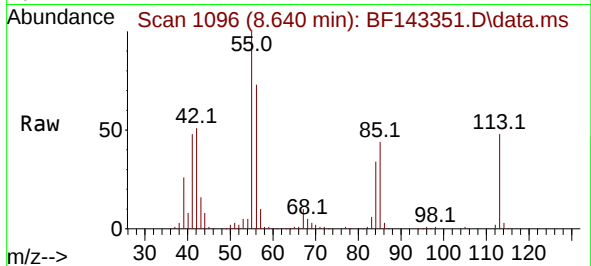




#35
 Caprolactam
 Concen: 41.892 ng
 RT: 8.640 min Scan# 1097
 Delta R.T. -0.006 min
 Lab File: BF143351.D
 Acq: 12 Aug 2025 13:52

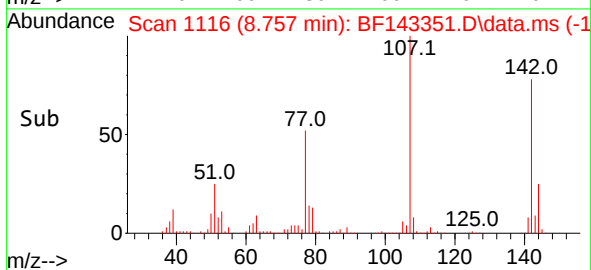
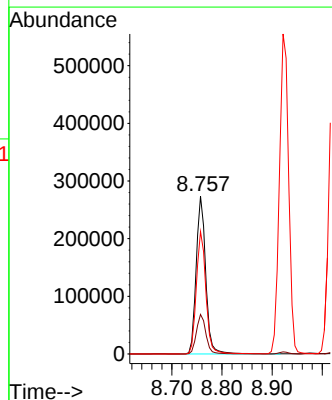
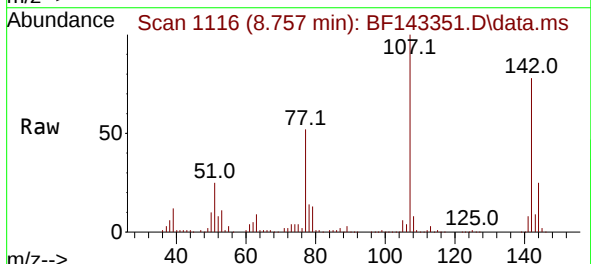
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081225

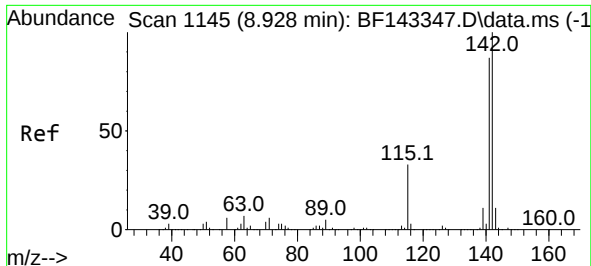
Tgt Ion:113 Resp: 99702
 Ion Ratio Lower Upper
 113 100
 55 209.5 181.4 221.4
 56 153.0 127.3 167.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.717 ng
 RT: 8.757 min Scan# 1116
 Delta R.T. 0.000 min
 Lab File: BF143351.D
 Acq: 12 Aug 2025 13:52

Tgt Ion:107 Resp: 361383
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.0 30.0
 142 77.6 61.3 91.9





#37

2-Methylnaphthalene

Concen: 35.270 ng

RT: 8.922 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

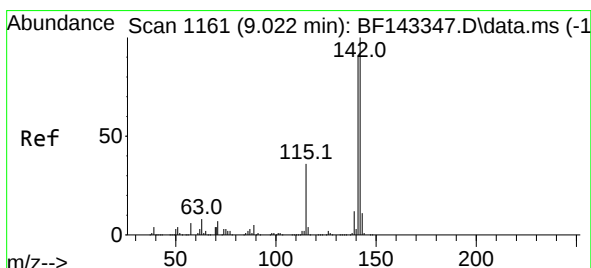
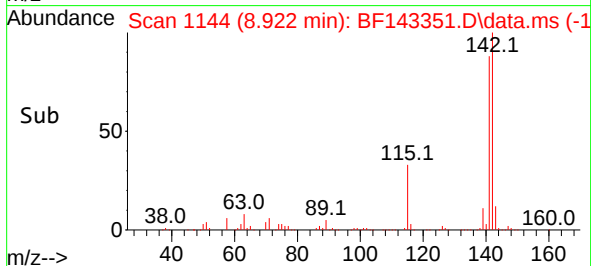
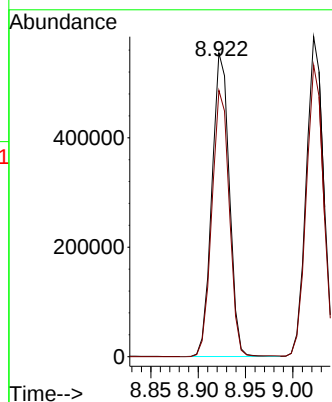
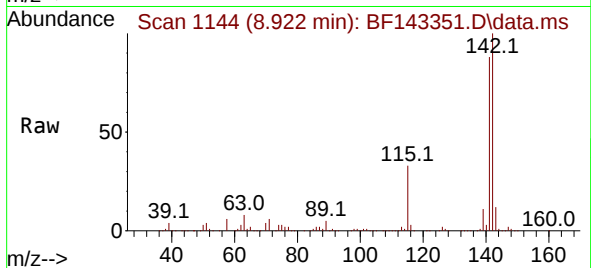
ICVBF081225

Tgt Ion:142 Resp: 707136

Ion Ratio Lower Upper

142 100

141 87.6 69.8 104.8



#38

1-Methylnaphthalene

Concen: 37.970 ng

RT: 9.022 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF143351.D

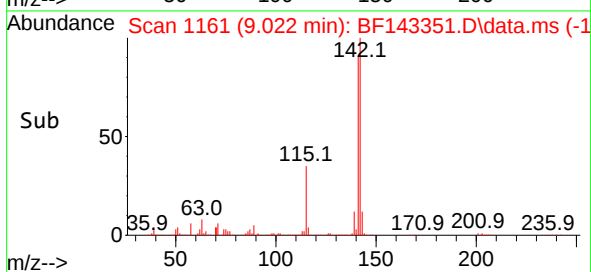
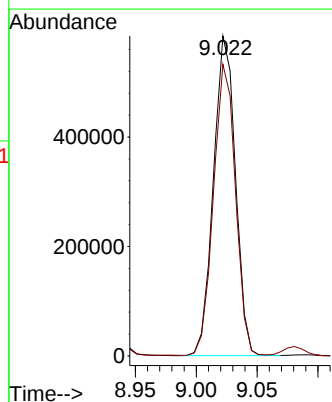
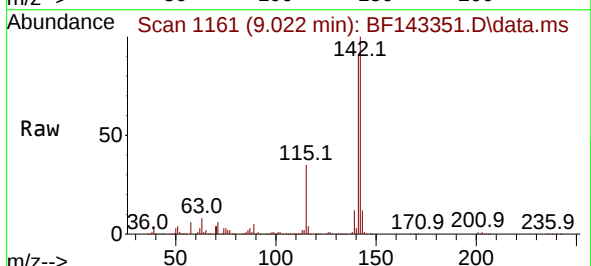
Acq: 12 Aug 2025 13:52

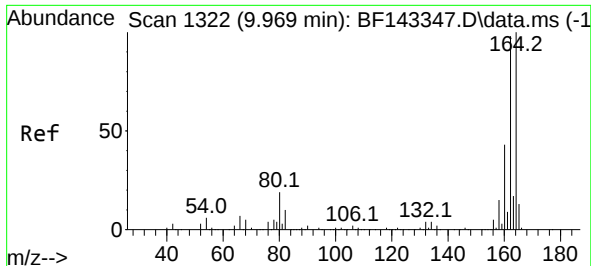
Tgt Ion:142 Resp: 733181

Ion Ratio Lower Upper

142 100

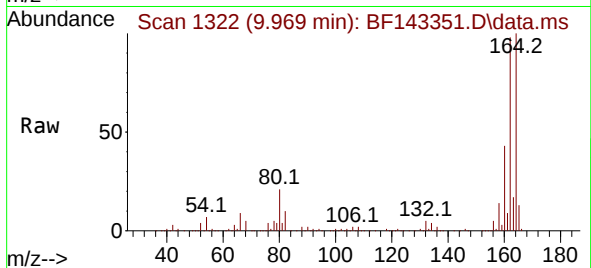
141 91.1 73.0 109.4



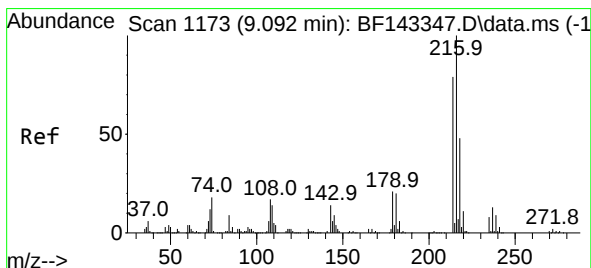
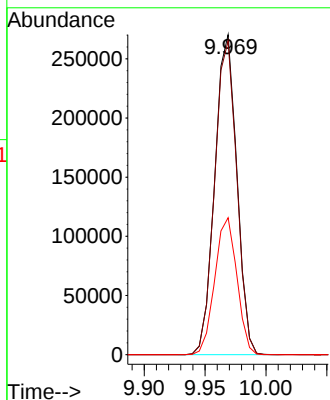
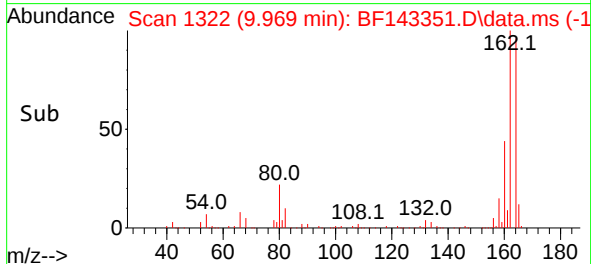


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

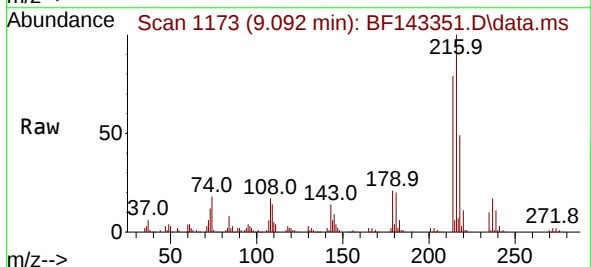
Instrument :
BNA_F
ClientSampleId :
ICVBF081225



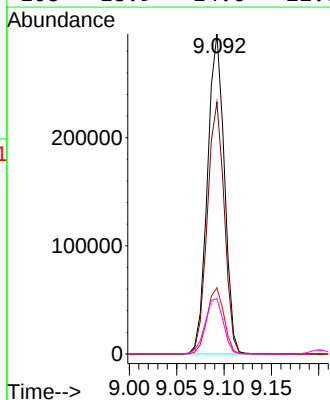
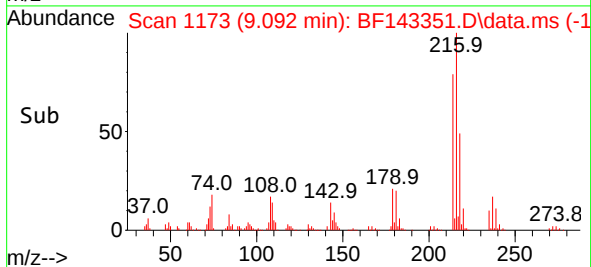
Tgt Ion:164 Resp: 340813
Ion Ratio Lower Upper
164 100
162 98.0 78.6 118.0
160 42.8 34.4 51.6

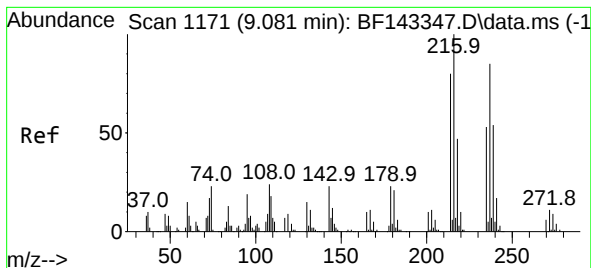


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.218 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52



Tgt Ion:216 Resp: 365752
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 20.8 17.0 25.4
108 18.9 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 51.644 ng

RT: 9.081 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

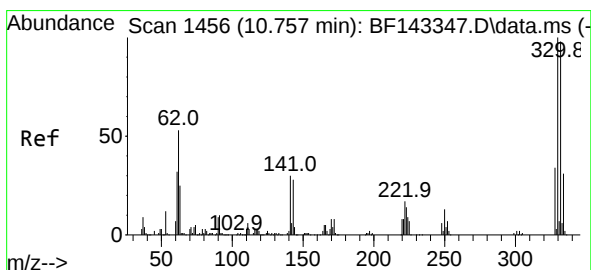
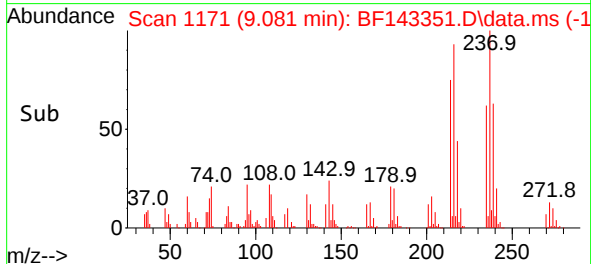
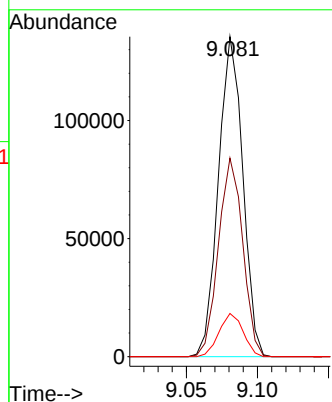
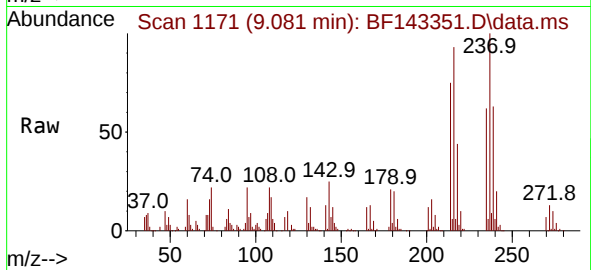
Tgt Ion:237 Resp: 161472

Ion Ratio Lower Upper

237 100

235 62.1 42.0 82.0

272 13.5 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 84.868 ng

RT: 10.757 min Scan# 1456

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

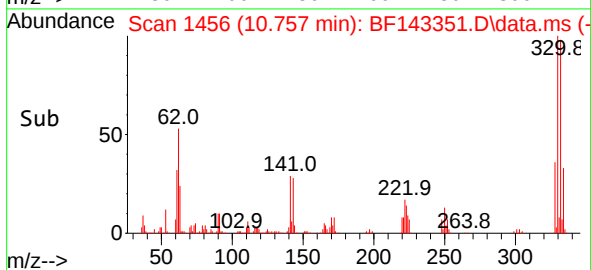
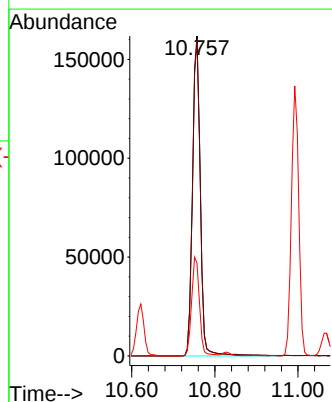
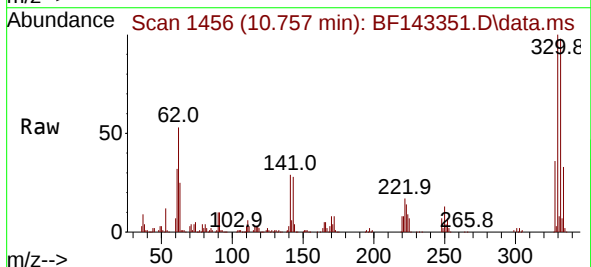
Tgt Ion:330 Resp: 211383

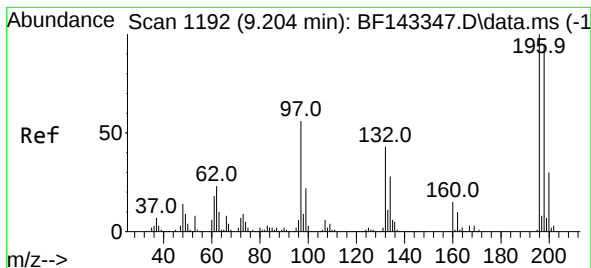
Ion Ratio Lower Upper

330 100

332 97.7 78.1 117.1

141 31.2 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 42.843 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

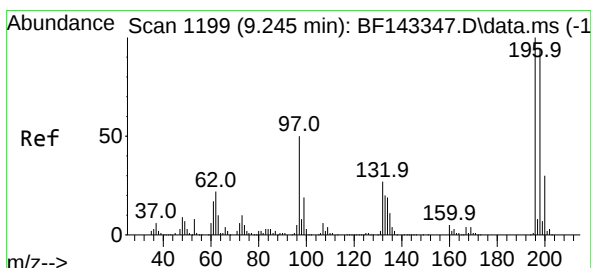
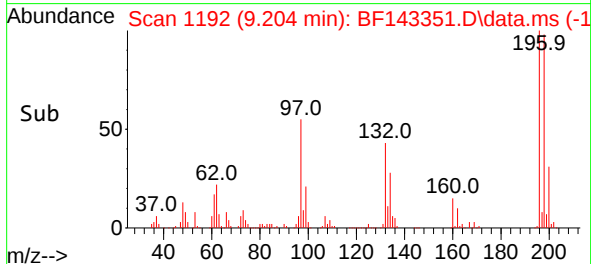
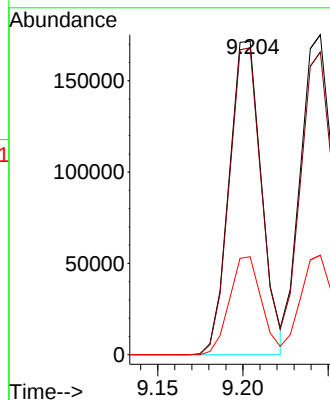
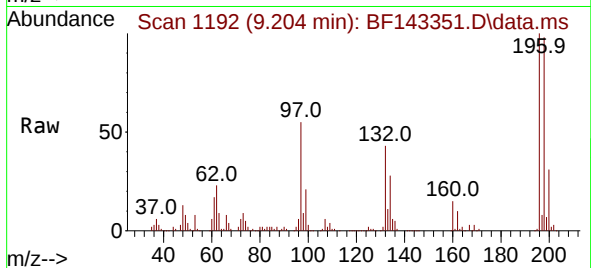
Tgt Ion:196 Resp: 226704

Ion Ratio Lower Upper

196 100

198 97.9 75.4 113.0

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 41.305 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Tgt Ion:196 Resp: 246815

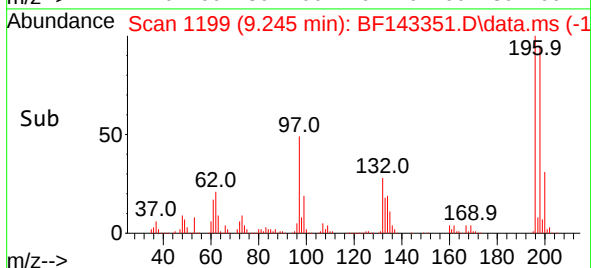
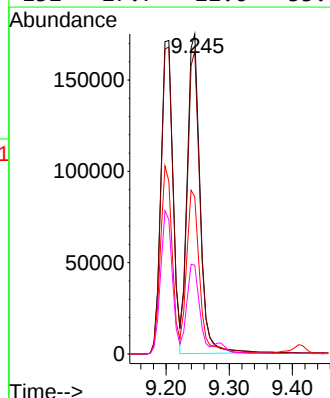
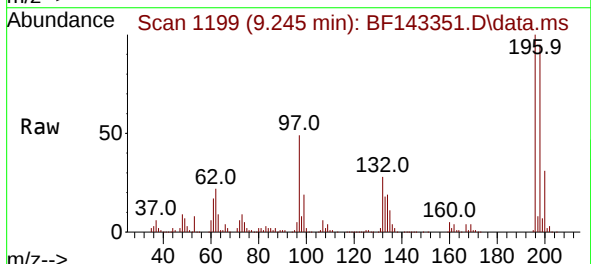
Ion Ratio Lower Upper

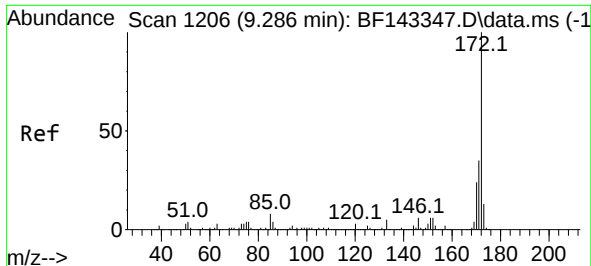
196 100

198 94.6 75.4 113.2

97 49.1 39.9 59.9

132 27.7 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 74.116 ng

RT: 9.287 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

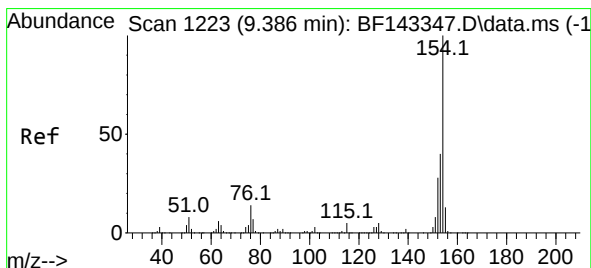
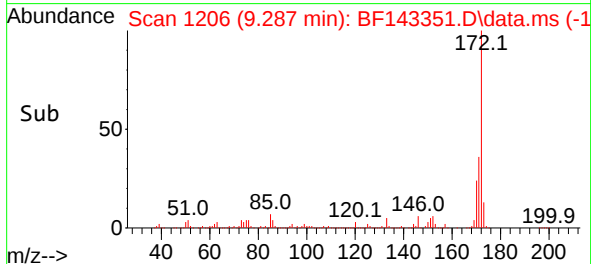
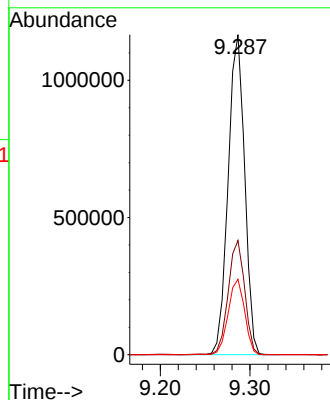
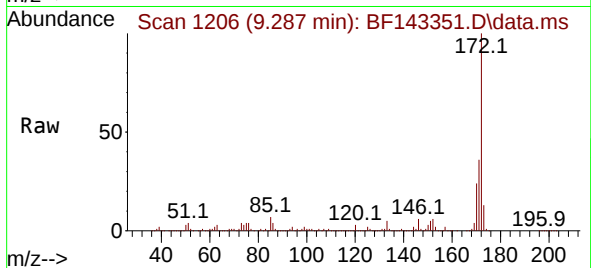
Tgt Ion:172 Resp: 1489585

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 38.812 ng

RT: 9.387 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

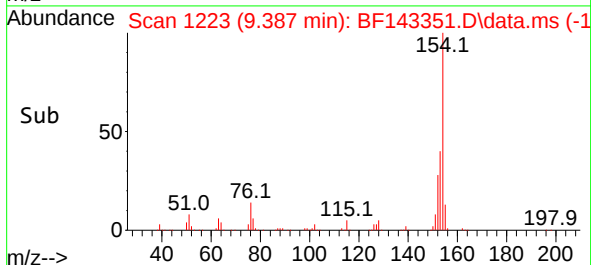
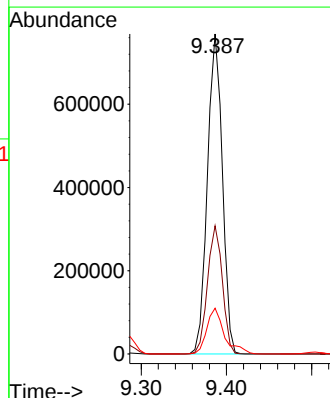
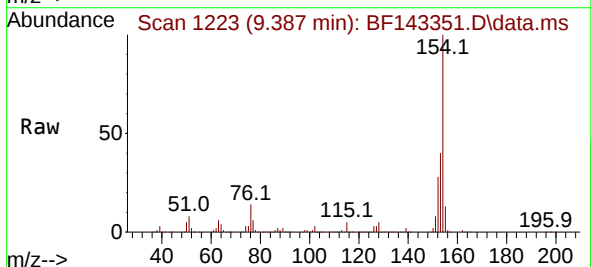
Tgt Ion:154 Resp: 935277

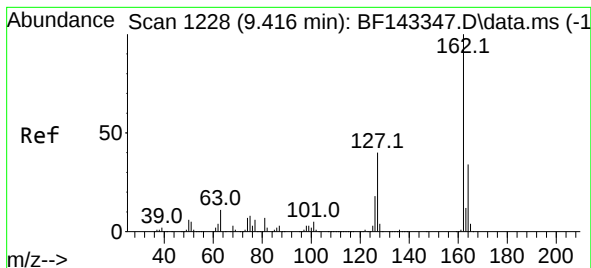
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

76 14.3 0.0 34.4





#47

2-Chloronaphthalene

Concen: 38.093 ng

RT: 9.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

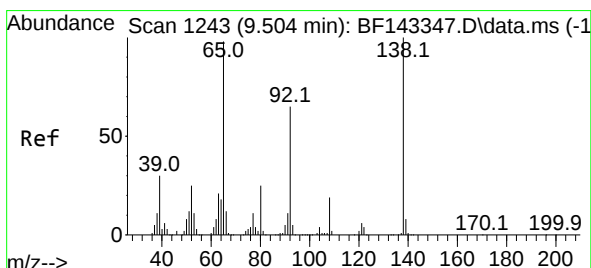
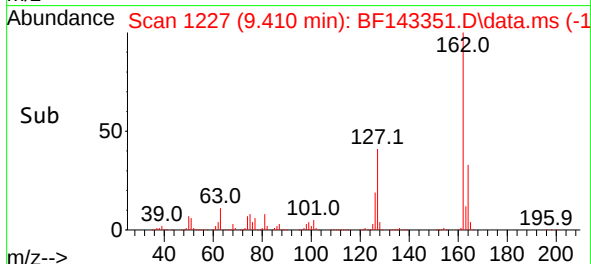
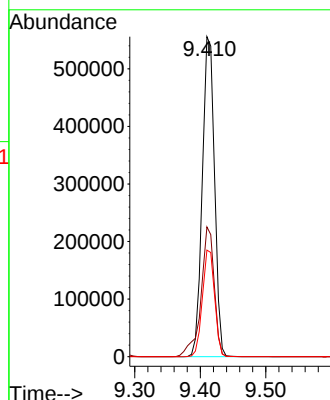
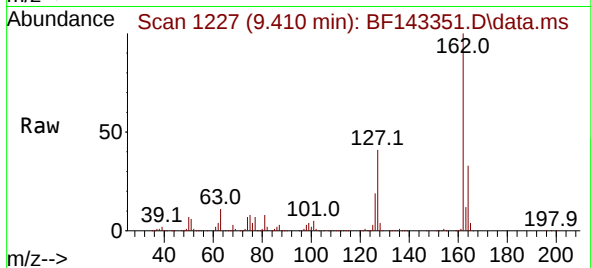
Tgt Ion:162 Resp: 722952

Ion Ratio Lower Upper

162 100

127 40.6 32.1 48.1

164 33.3 27.0 40.4



#48

2-Nitroaniline

Concen: 42.167 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

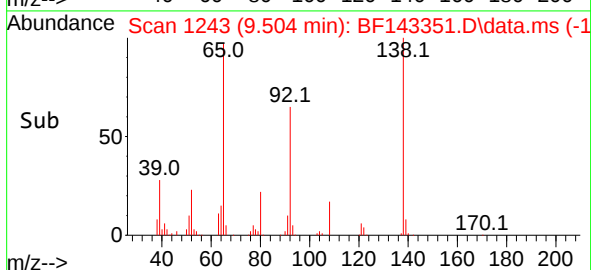
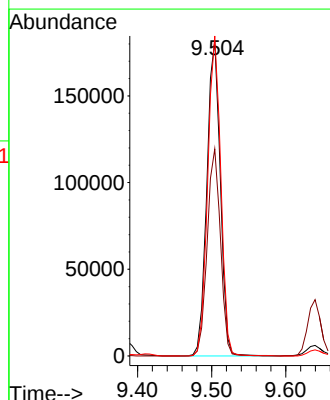
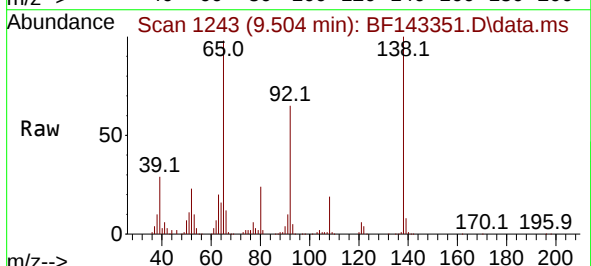
Tgt Ion: 65 Resp: 228854

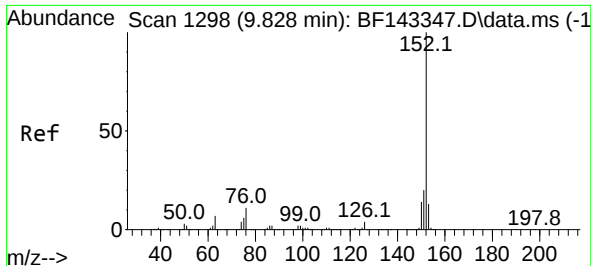
Ion Ratio Lower Upper

65 100

92 65.7 53.1 79.7

138 101.5 81.4 122.0

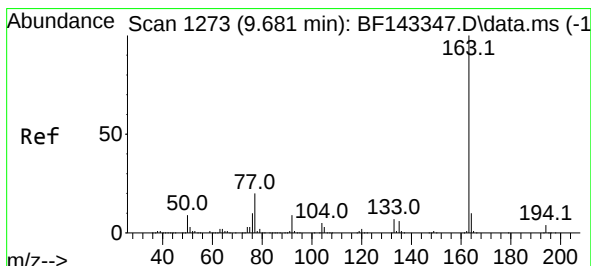
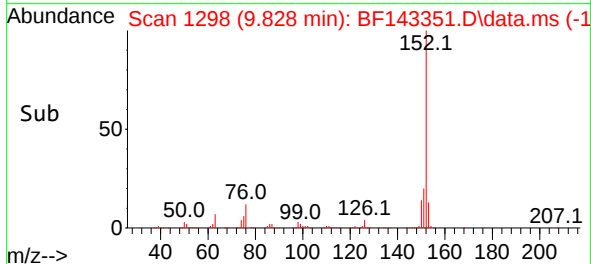
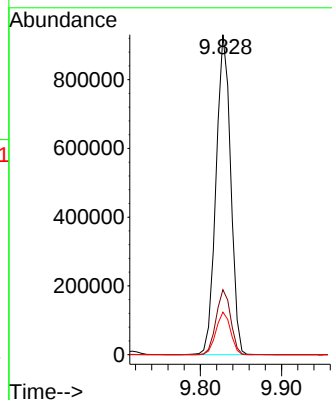
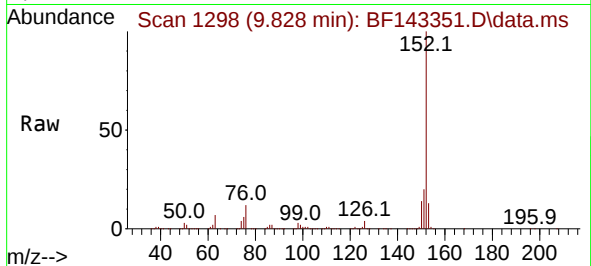




#49
Acenaphthylene
Concen: 42.507 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

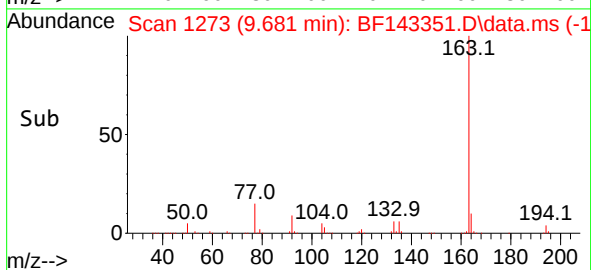
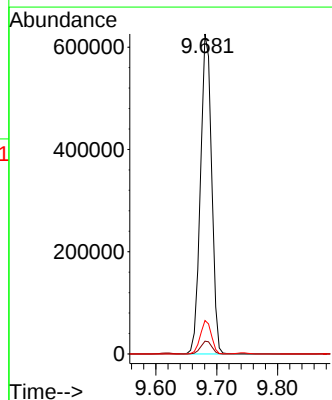
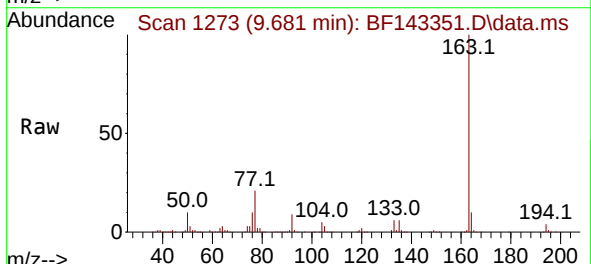
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

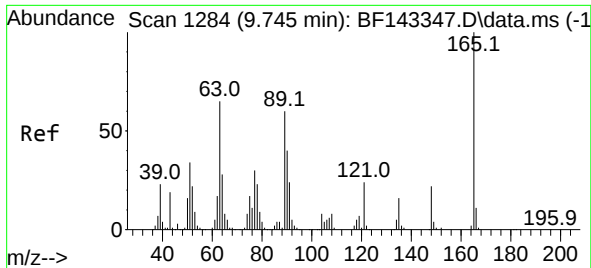
Tgt Ion:152 Resp: 1164992
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 40.126 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:163 Resp: 799080
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.2 12.2

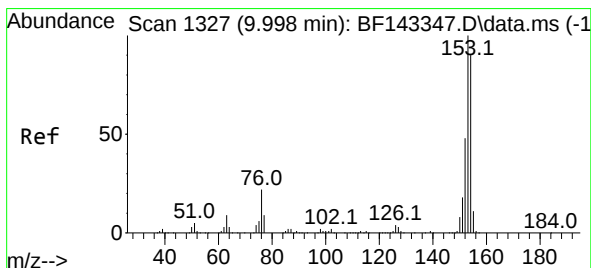
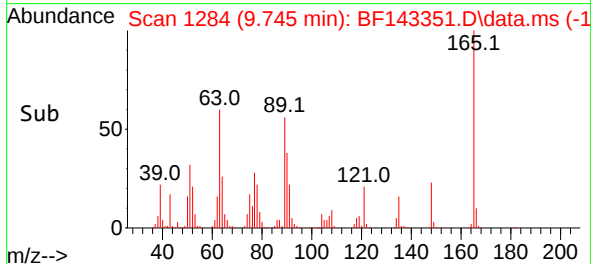
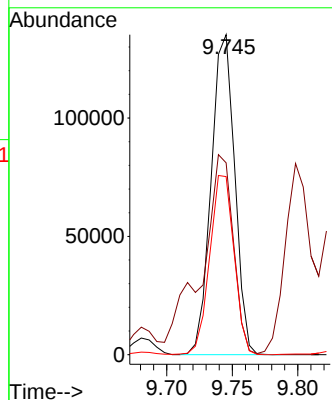
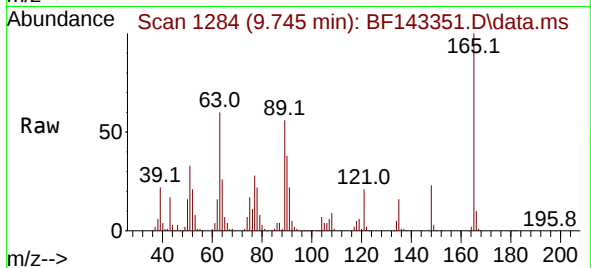




#51
2,6-Dinitrotoluene
Concen: 45.012 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

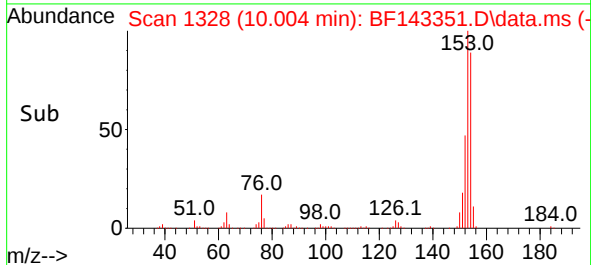
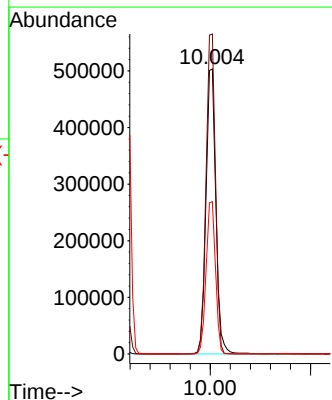
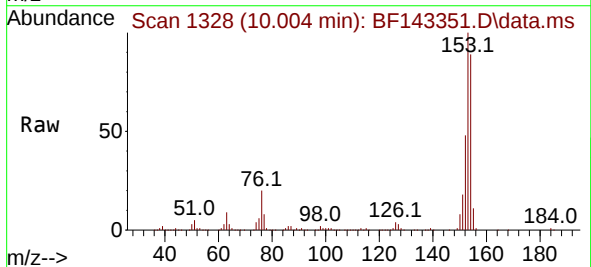
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

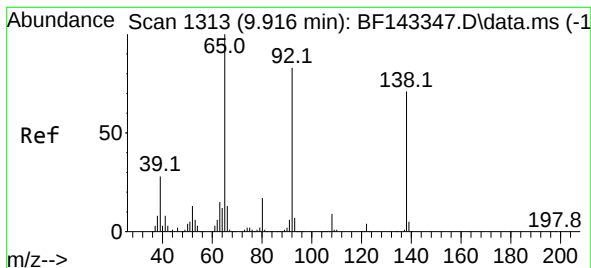
Tgt Ion:165 Resp: 168880
Ion Ratio Lower Upper
165 100
63 60.0 51.6 77.4
89 55.7 47.7 71.5



#52
Acenaphthene
Concen: 37.893 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:154 Resp: 690443
Ion Ratio Lower Upper
154 100
153 112.3 88.5 132.7
152 53.4 42.4 63.6





#53

3-Nitroaniline

Concen: 47.593 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

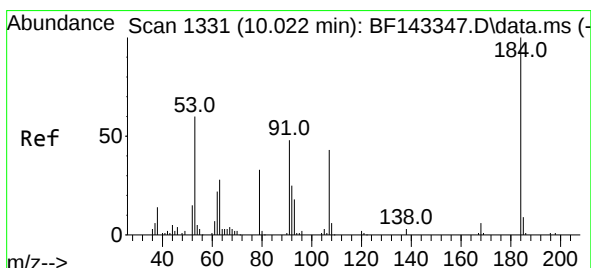
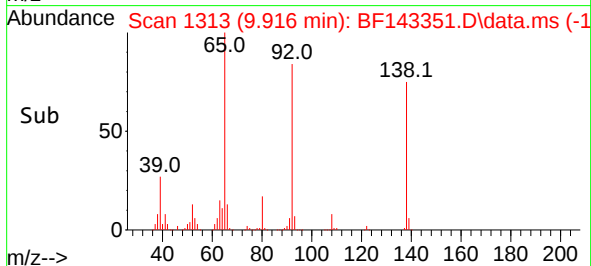
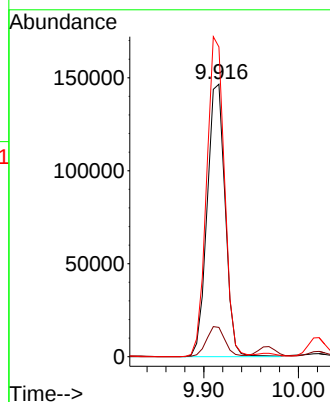
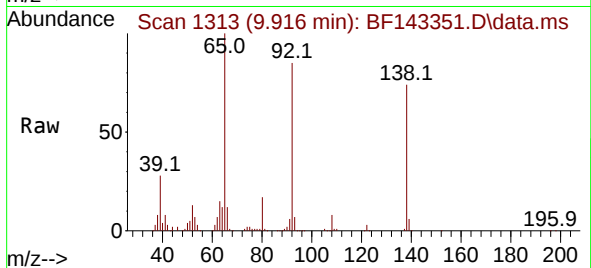
Tgt Ion:138 Resp: 194097

Ion Ratio Lower Upper

138 100

108 10.8 9.6 14.4

92 113.7 93.4 140.2



#54

2,4-Dinitrophenol

Concen: 45.910 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

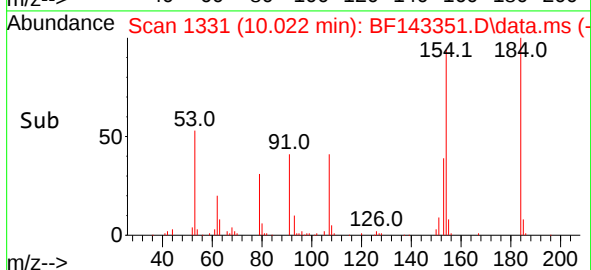
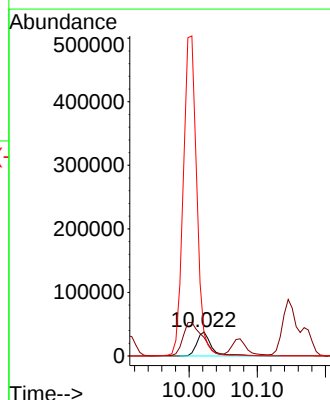
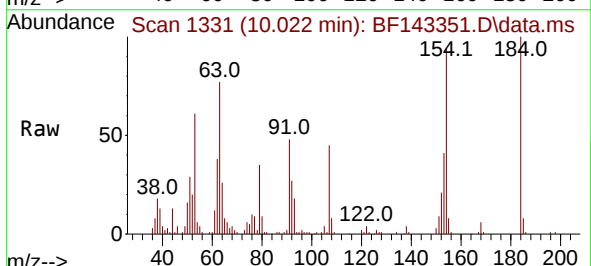
Tgt Ion:184 Resp: 56042

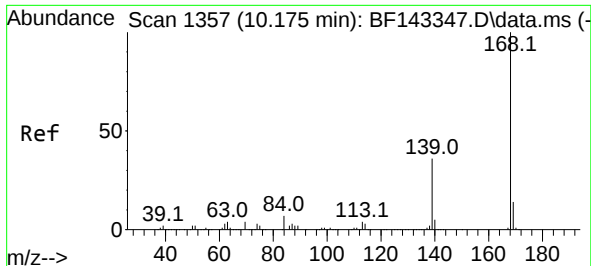
Ion Ratio Lower Upper

184 100

63 77.4 62.5 93.7

154 94.4 73.0 109.4

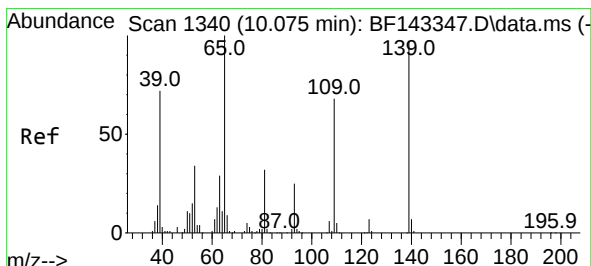
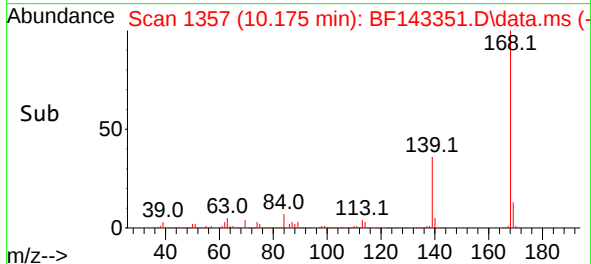
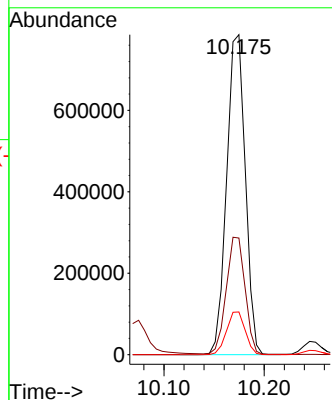
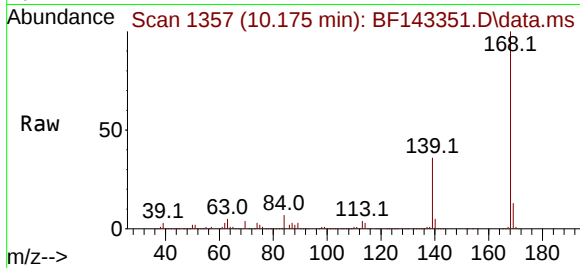




#55
Dibenzofuran
Concen: 38.652 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

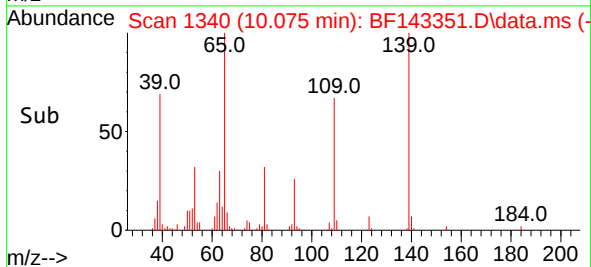
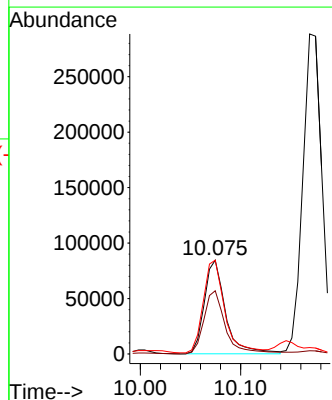
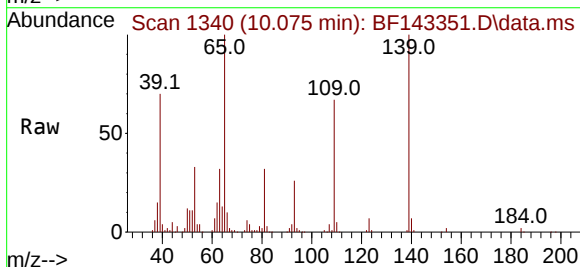
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

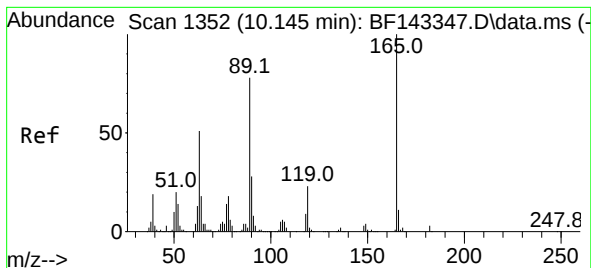
Tgt Ion:168 Resp: 1013581
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.0
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 41.060 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:139 Resp: 124501
Ion Ratio Lower Upper
139 100
109 67.4 49.4 89.4
65 100.1 83.7 123.7

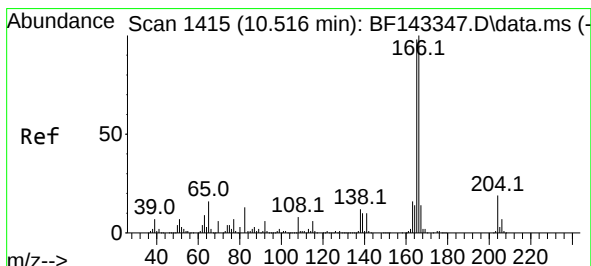
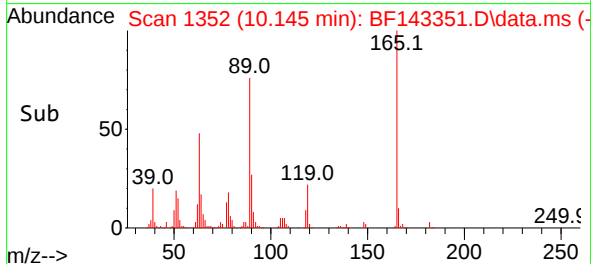
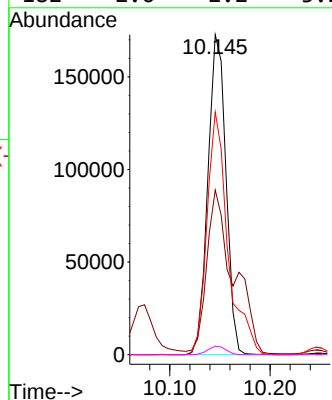
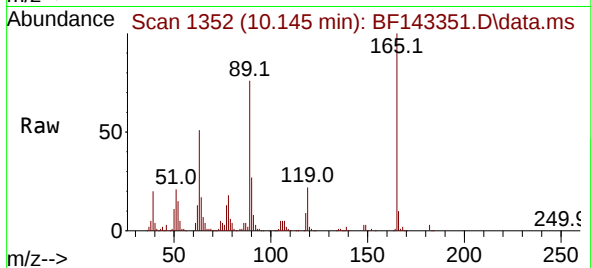




#57
2,4-Dinitrotoluene
Concen: 43.458 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

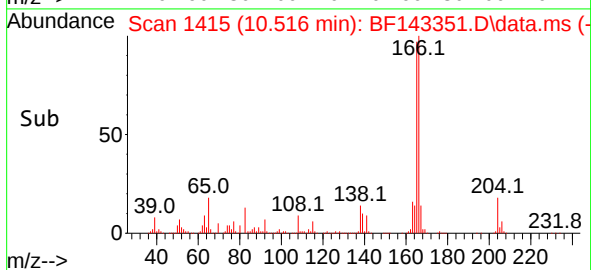
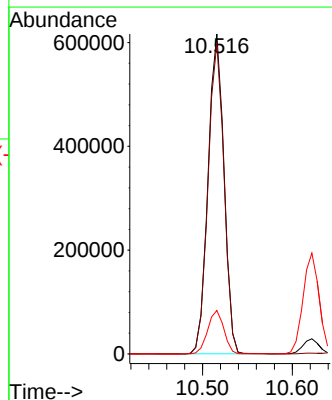
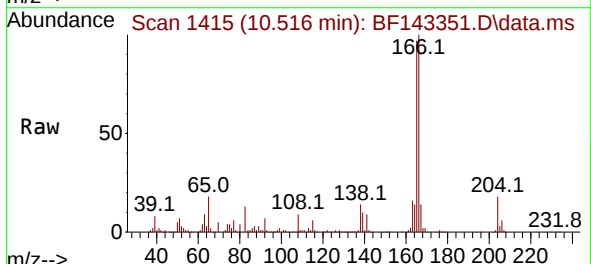
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

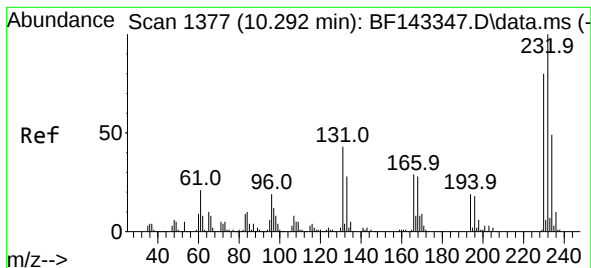
Tgt Ion:165 Resp: 215795
Ion Ratio Lower Upper
165 100
63 51.4 41.8 62.8
89 75.9 62.4 93.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 38.022 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:166 Resp: 761581
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.4
167 13.6 10.9 16.3

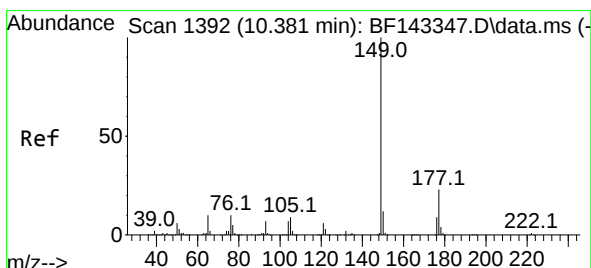
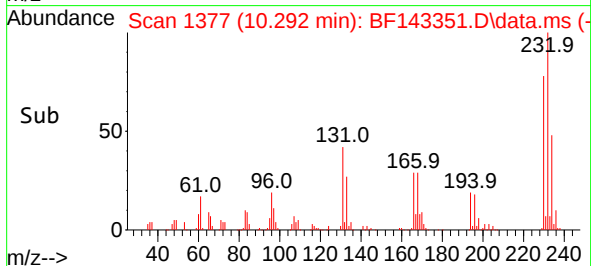
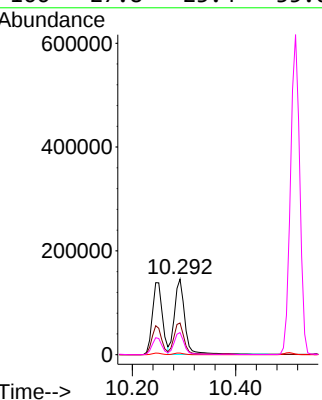
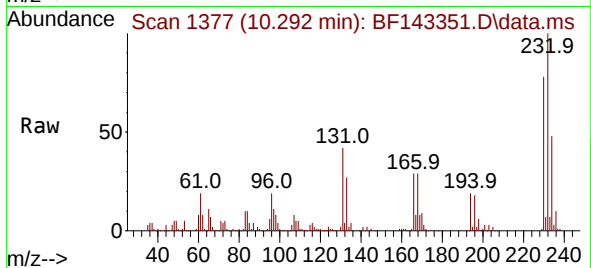




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.091 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

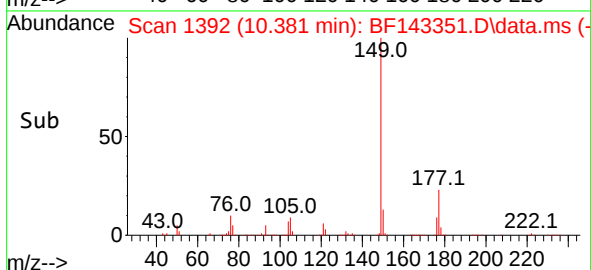
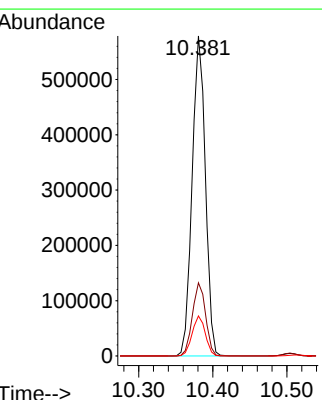
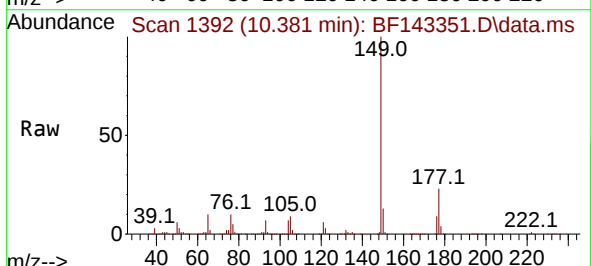
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

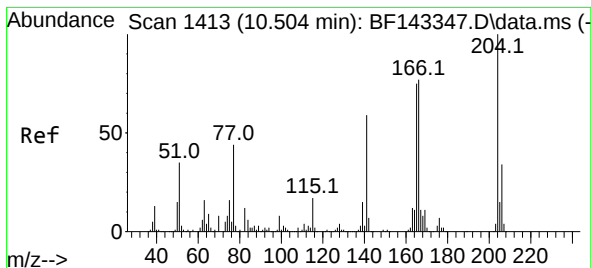
Tgt Ion:232 Resp: 201768
Ion Ratio Lower Upper
232 100
131 42.2 34.6 51.8
130 2.1 1.7 2.5
166 27.8 23.4 35.0



#60
Diethylphthalate
Concen: 40.317 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:149 Resp: 719164
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.5 9.9 14.9

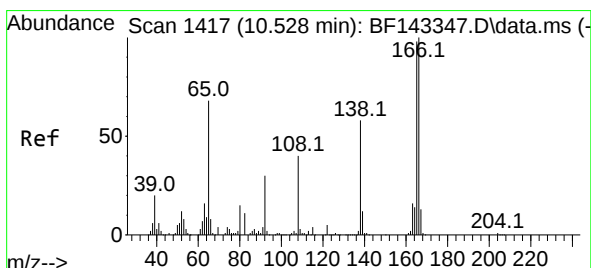
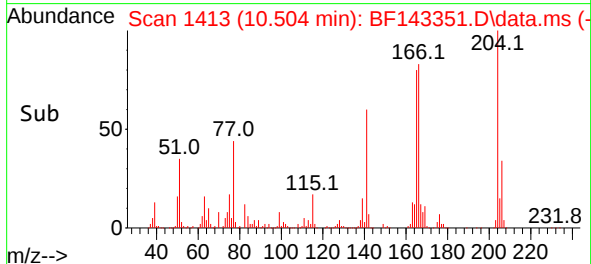
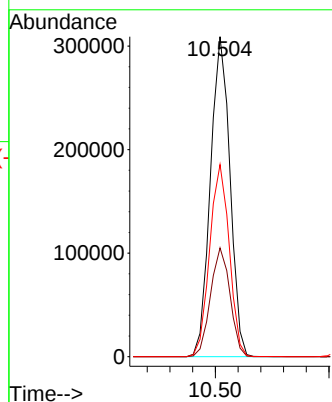
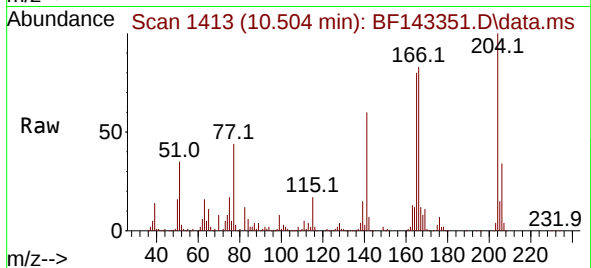




#61
4-Chlorophenyl-phenylether
Concen: 38.123 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

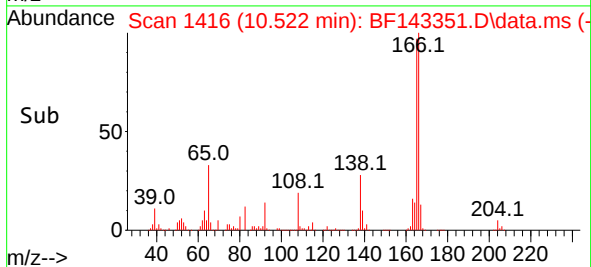
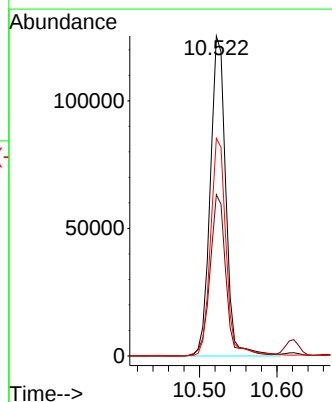
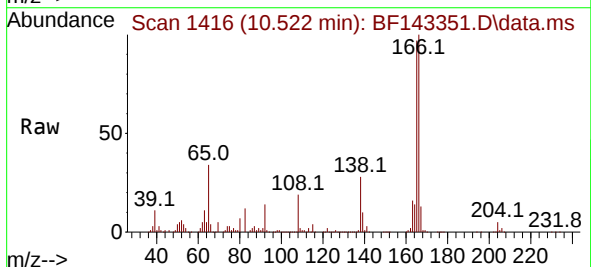
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

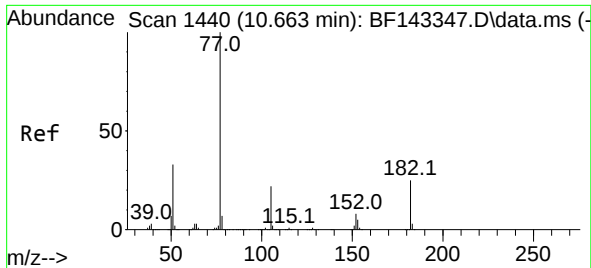
Tgt Ion:204 Resp: 368971
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.2
141 60.1 46.9 70.3



#62
4-Nitroaniline
Concen: 44.317 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:138 Resp: 174863
Ion Ratio Lower Upper
138 100
92 50.4 31.2 71.2
108 68.1 48.1 88.1

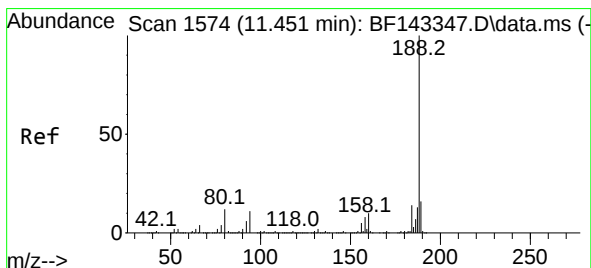
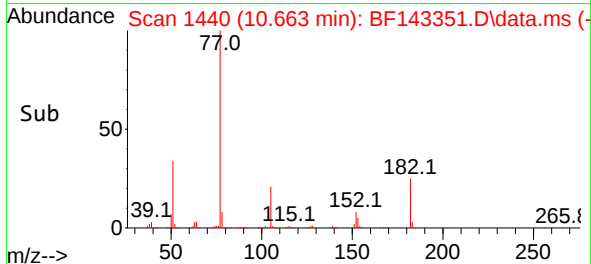
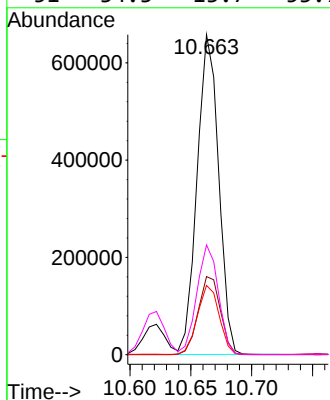
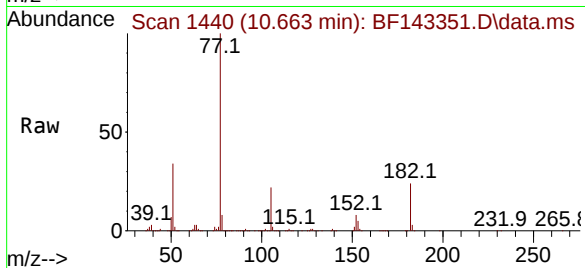




#63
 Azobenzene
 Concen: 39.721 ng
 RT: 10.663 min Scan# 1440
 Delta R.T. 0.000 min
 Lab File: BF143351.D
 Acq: 12 Aug 2025 13:52

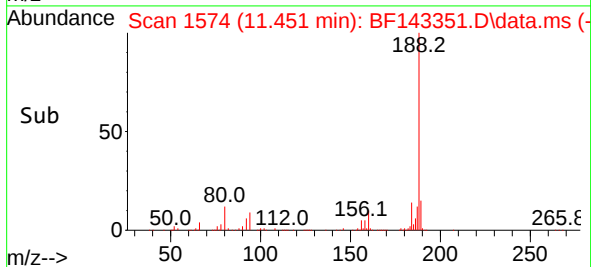
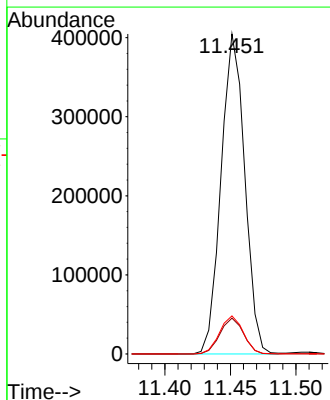
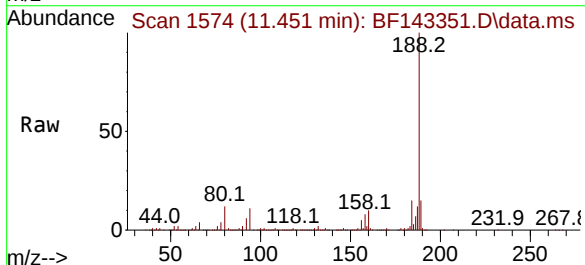
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081225

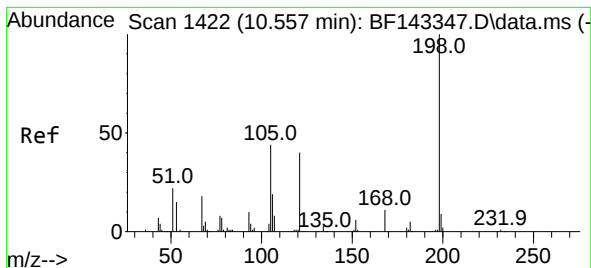
Tgt Ion: 77	Resp: 809295
Ion Ratio	Lower Upper
77 100	
182 24.4	4.4 44.4
105 21.7	1.8 41.8
51 34.3	13.7 53.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.451 min Scan# 1574
 Delta R.T. 0.000 min
 Lab File: BF143351.D
 Acq: 12 Aug 2025 13:52

Tgt Ion:188	Resp: 507289
Ion Ratio	Lower Upper
188 100	
94 11.2	8.8 13.2
80 11.9	9.7 14.5

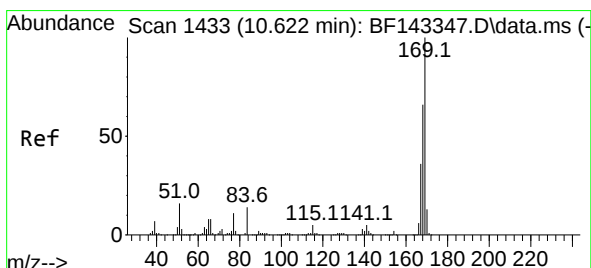
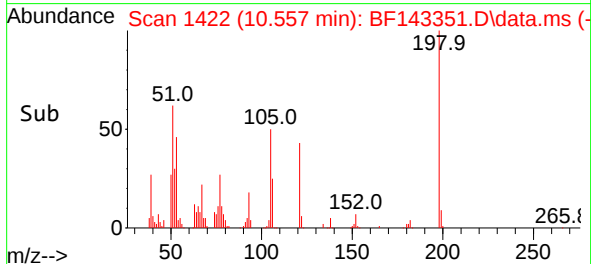
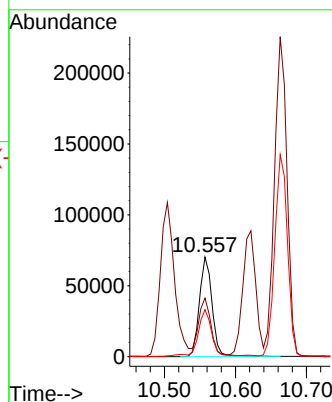
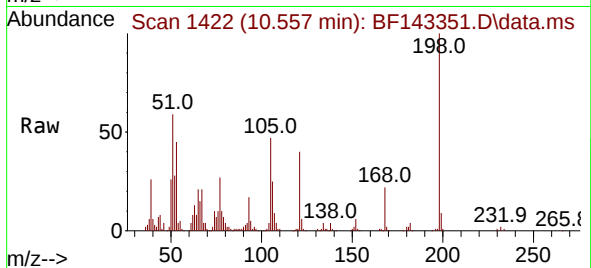




#65
4,6-Dinitro-2-methylphenol
Concen: 43.535 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

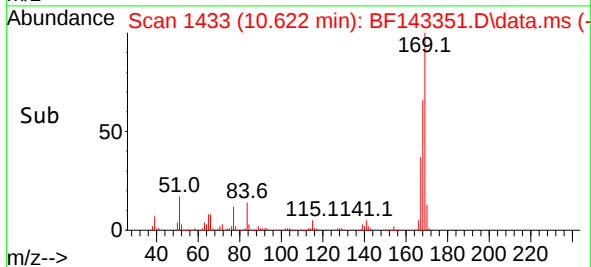
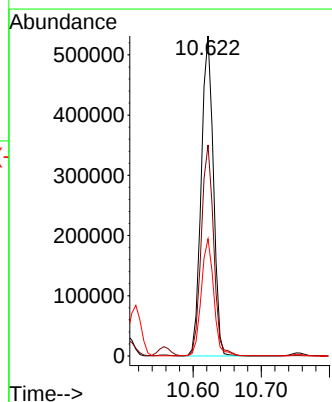
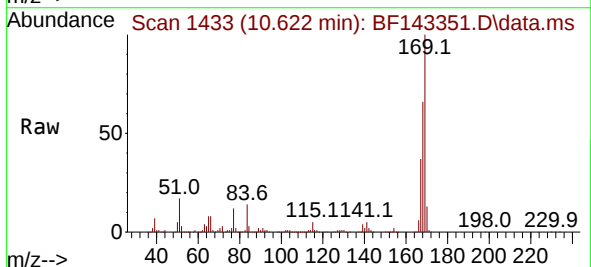
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

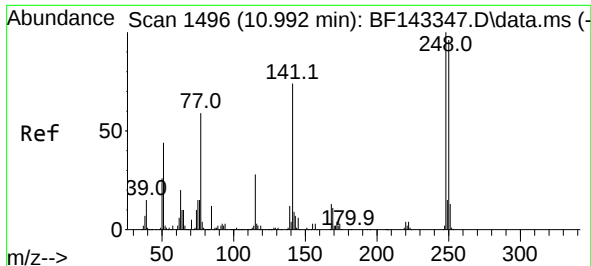
Tgt Ion:198 Resp: 87717
Ion Ratio Lower Upper
198 100
51 58.8 41.7 81.7
105 47.3 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 39.468 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:169 Resp: 659263
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 36.6 28.6 42.8

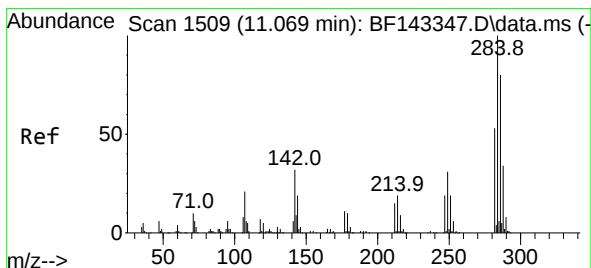
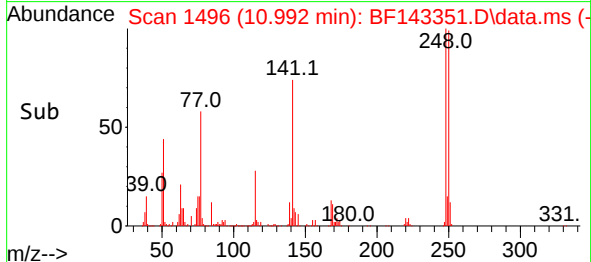
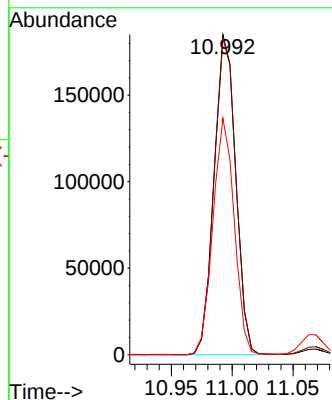
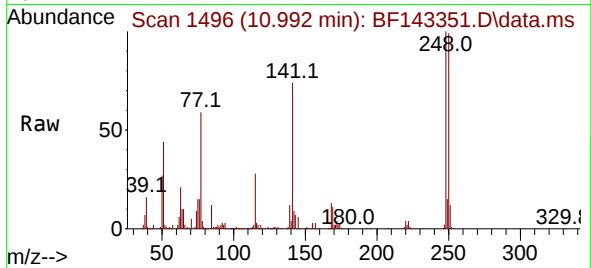




#67
4-Bromophenyl-phenylether
Concen: 39.466 ng
RT: 10.992 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

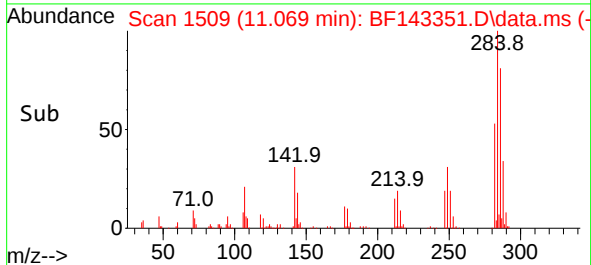
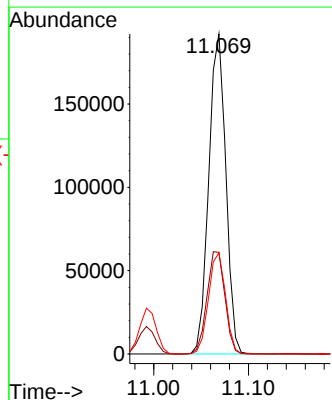
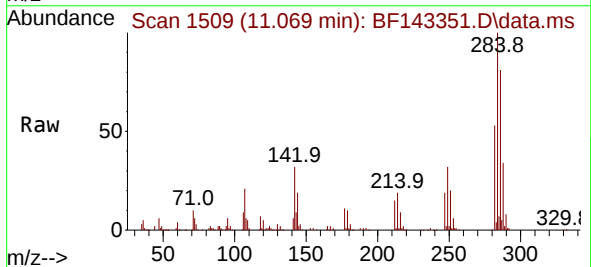
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

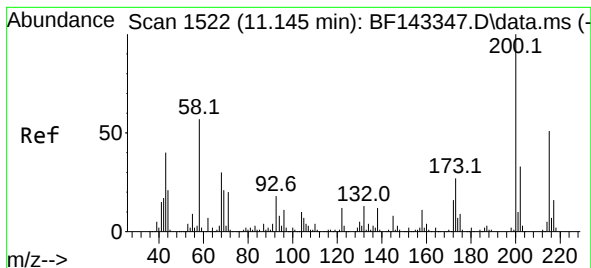
Tgt Ion:248 Resp: 228971
Ion Ratio Lower Upper
248 100
250 98.9 77.1 115.7
141 73.9 59.1 88.7



#68
Hexachlorobenzene
Concen: 38.460 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:284 Resp: 240521
Ion Ratio Lower Upper
284 100
142 31.7 25.7 38.5
249 31.6 24.6 37.0





#69

Atrazine

Concen: 40.936 ng

RT: 11.145 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

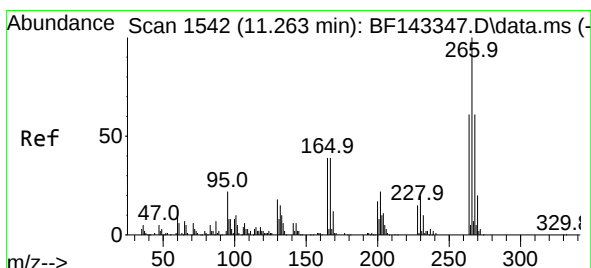
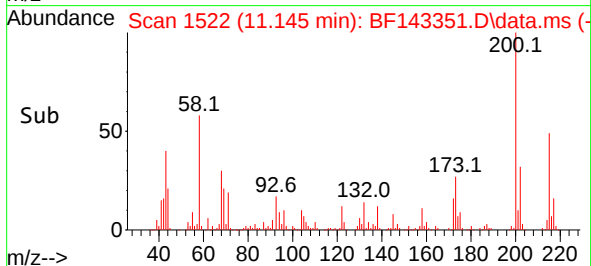
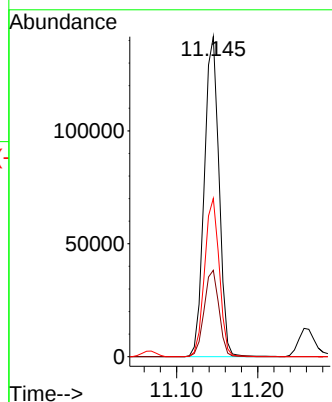
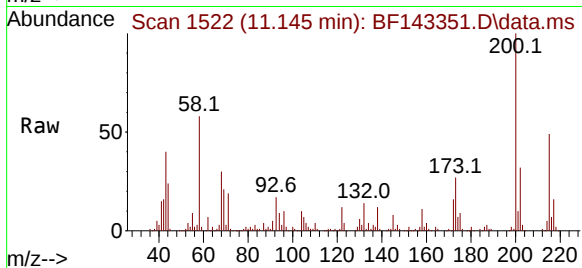
Tgt Ion:200 Resp: 178347

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

215 49.4 30.6 70.6



#70

Pentachlorophenol

Concen: 38.771 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

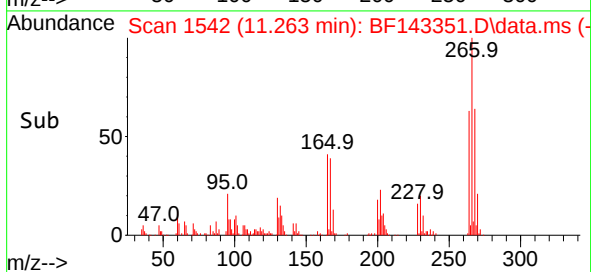
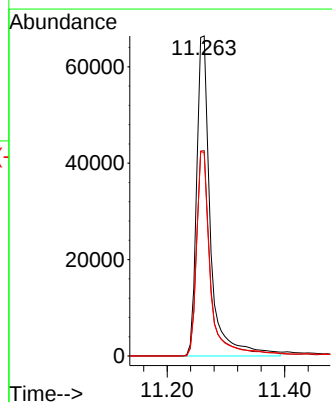
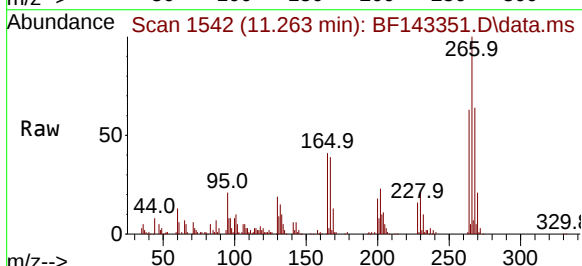
Tgt Ion:266 Resp: 108593

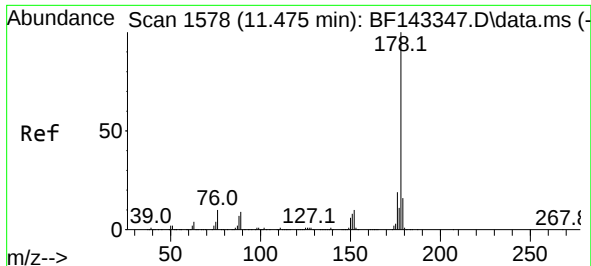
Ion Ratio Lower Upper

266 100

268 64.2 48.8 73.2

264 63.4 48.8 73.2

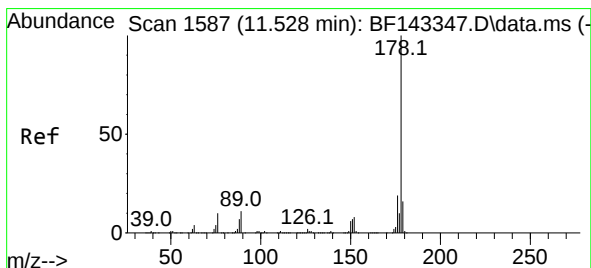
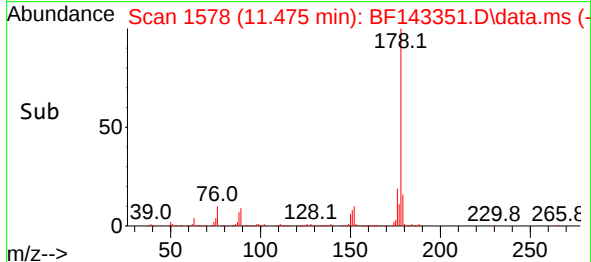
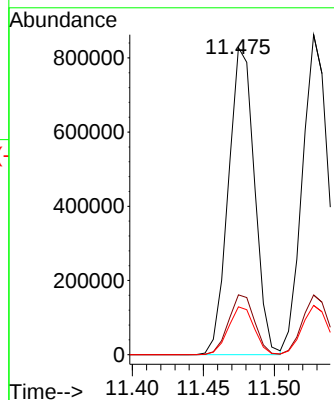
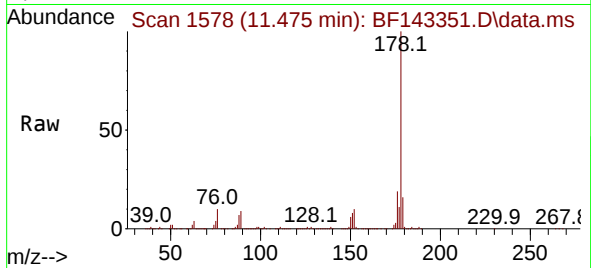




#71
Phenanthrene
Concen: 38.330 ng
RT: 11.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

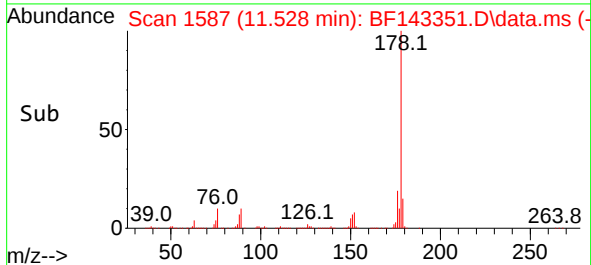
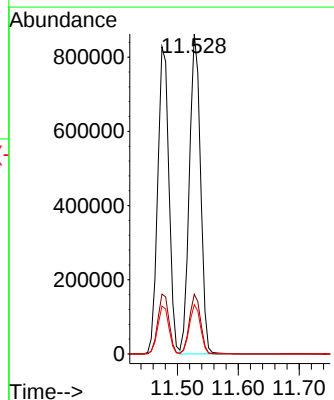
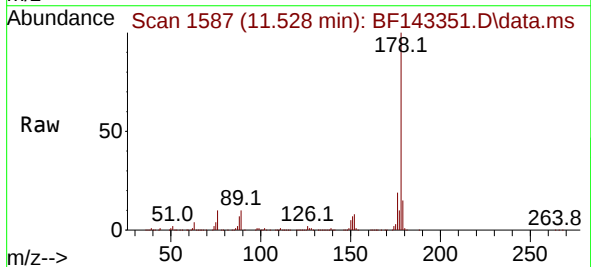
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

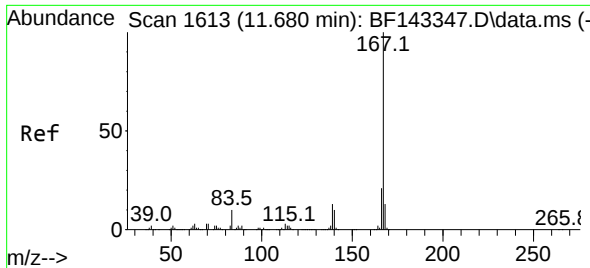
Tgt Ion:178 Resp: 1060892
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 38.834 ng
RT: 11.528 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:178 Resp: 1090047
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.4 12.7 19.1

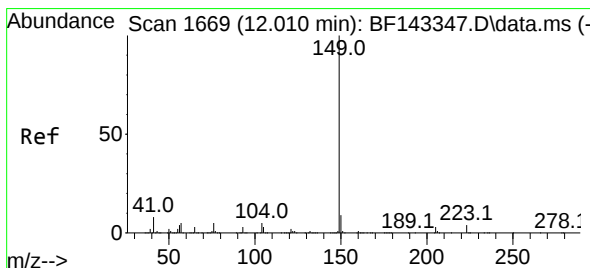
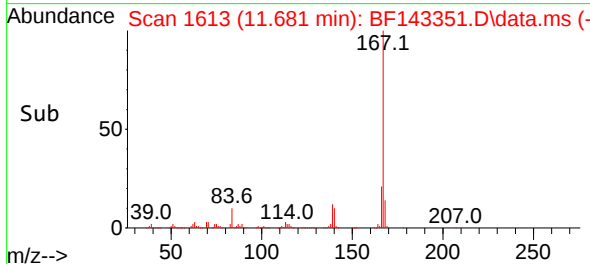
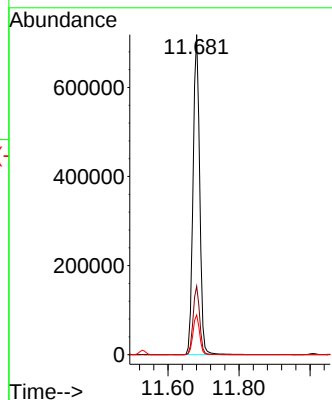
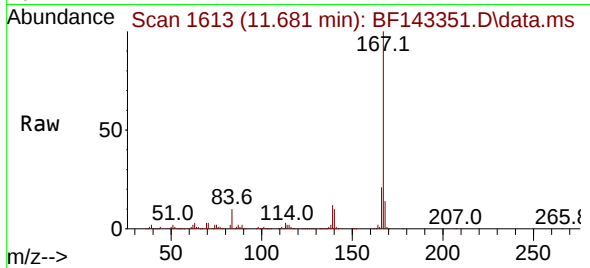




#73
 Carbazole
 Concen: 38.877 ng
 RT: 11.681 min Scan# 1613
 Delta R.T. 0.000 min
 Lab File: BF143351.D
 Acq: 12 Aug 2025 13:52

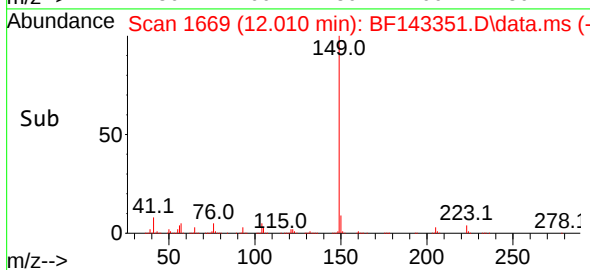
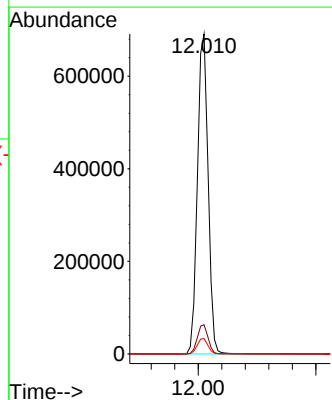
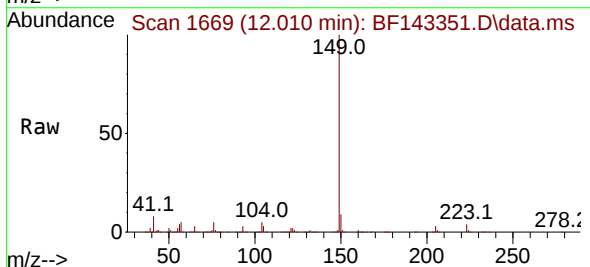
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081225

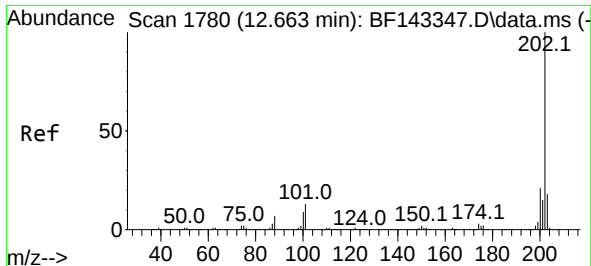
Tgt Ion:167 Resp: 929366
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.8 25.2
 139 12.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 43.060 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143351.D
 Acq: 12 Aug 2025 13:52

Tgt Ion:149 Resp: 871054
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.8 3.8 5.8

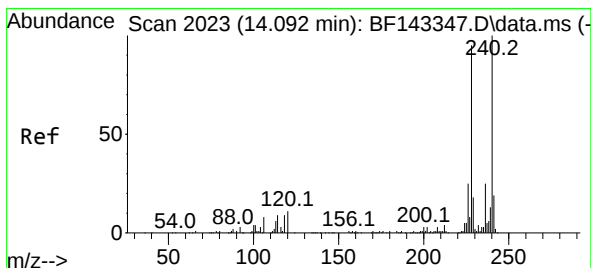
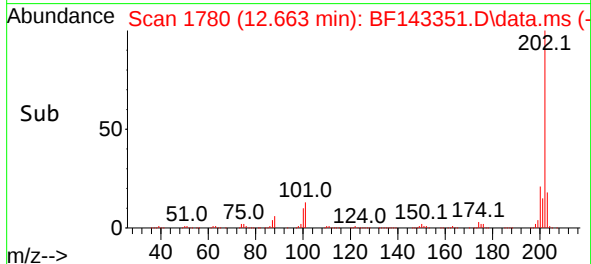
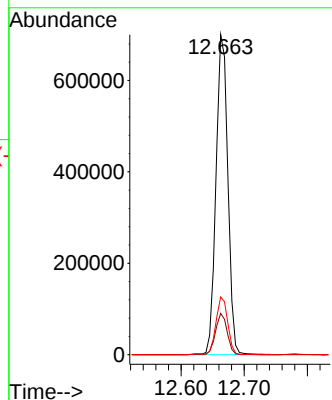
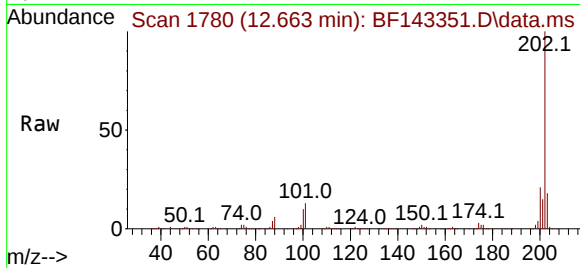




#75
Fluoranthene
Concen: 37.543 ng
RT: 12.663 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

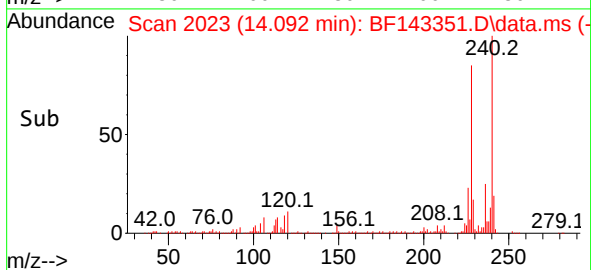
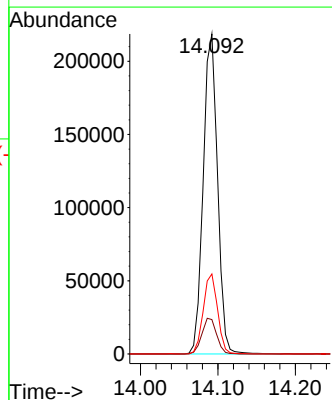
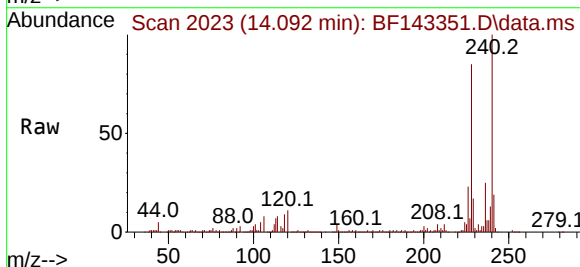
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

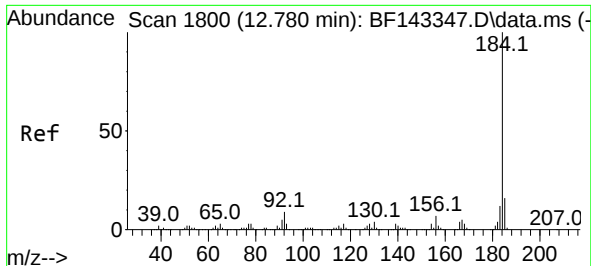
Tgt Ion:202 Resp: 910203
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.2
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:240 Resp: 280276
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.0 19.9 29.9

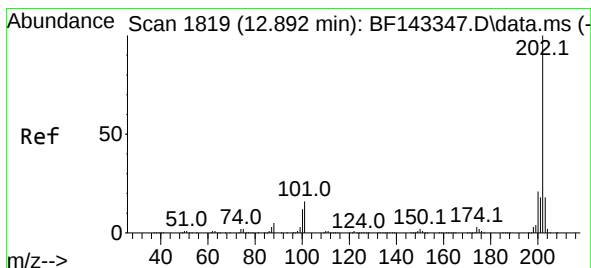
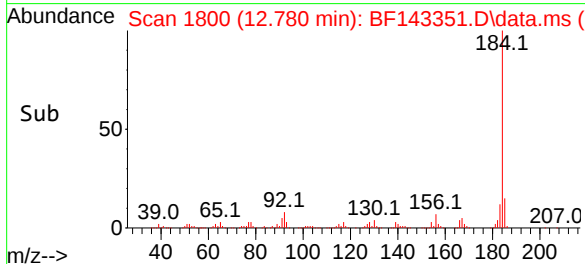
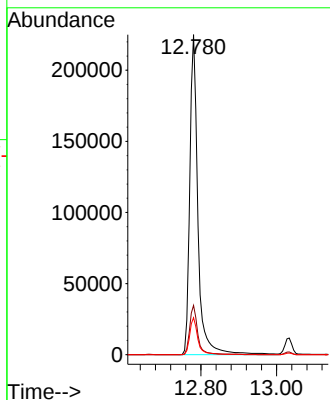
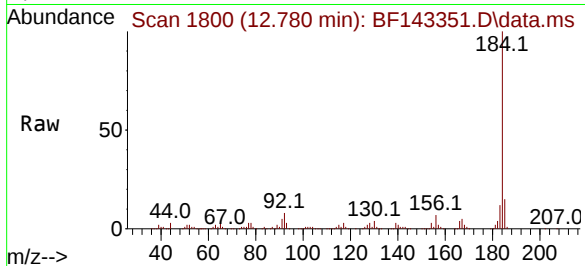




#77
Benzidine
Concen: 43.872 ng
RT: 12.780 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

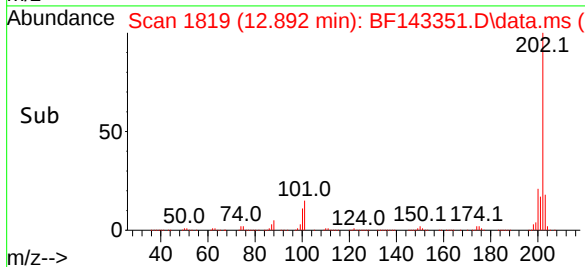
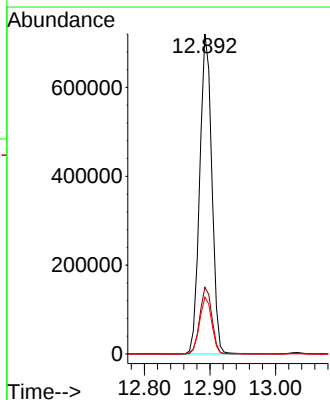
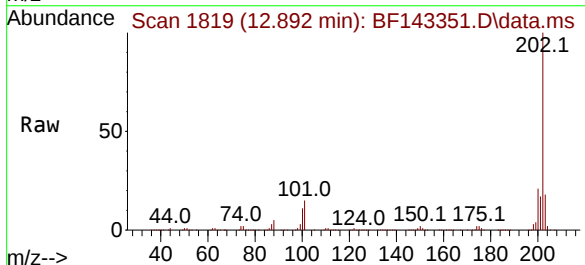
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

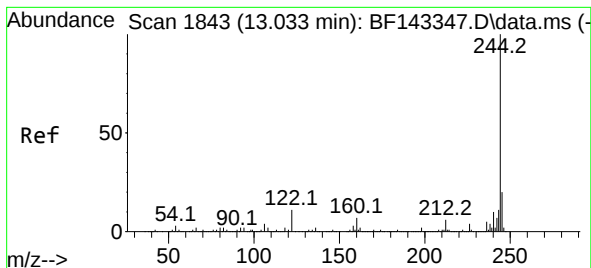
Tgt Ion:184 Resp: 336170
Ion Ratio Lower Upper
184 100
185 15.4 12.8 19.2
183 11.5 9.3 13.9



#78
Pyrene
Concen: 39.329 ng
RT: 12.892 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:202 Resp: 924712
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 78.222 ng

RT: 13.033 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

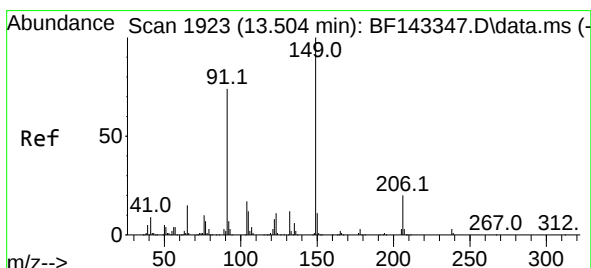
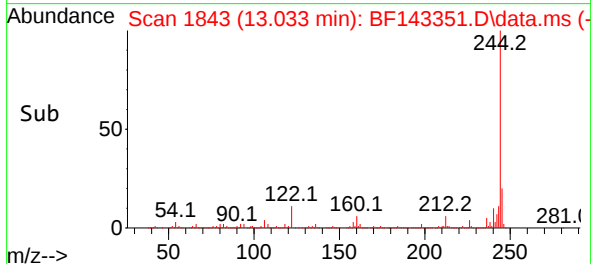
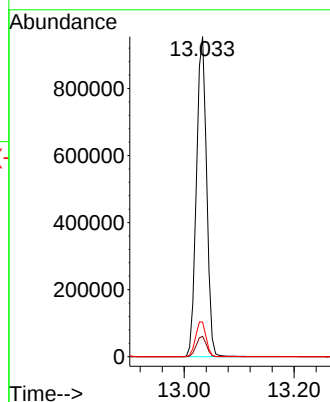
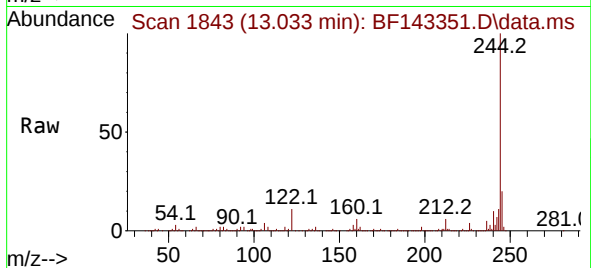
Tgt Ion:244 Resp: 1227991

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 10.8 8.9 13.3



#80

Butylbenzylphthalate

Concen: 41.012 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

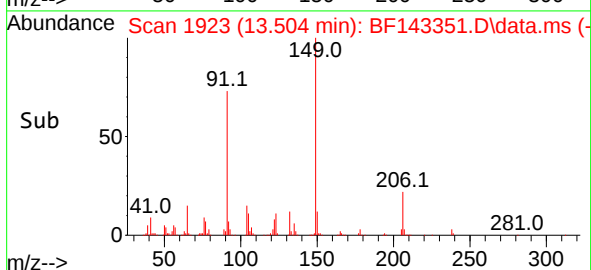
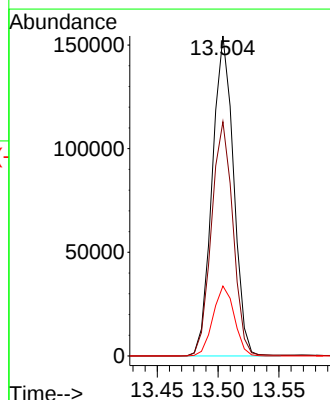
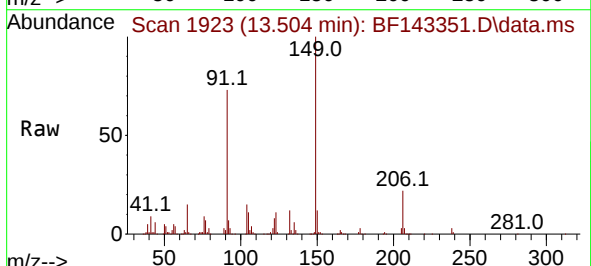
Tgt Ion:149 Resp: 188120

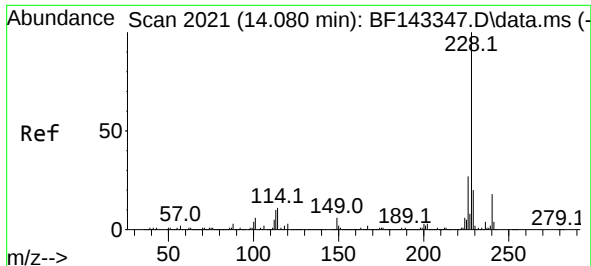
Ion Ratio Lower Upper

149 100

91 73.2 58.8 88.2

206 21.8 16.4 24.6

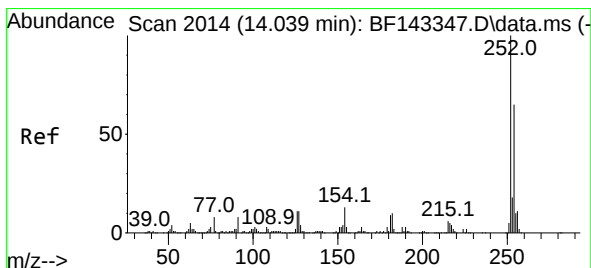
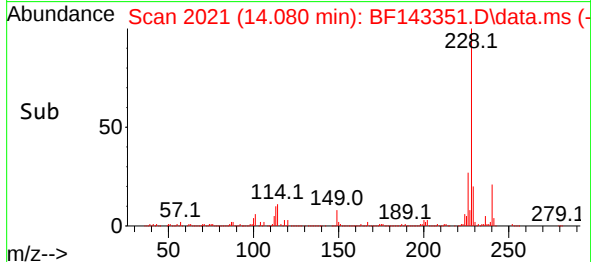
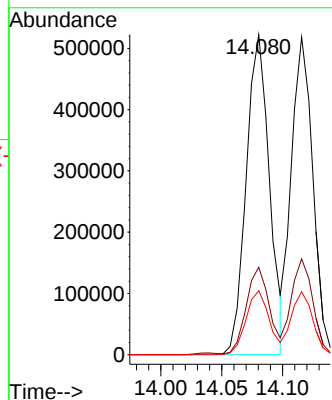
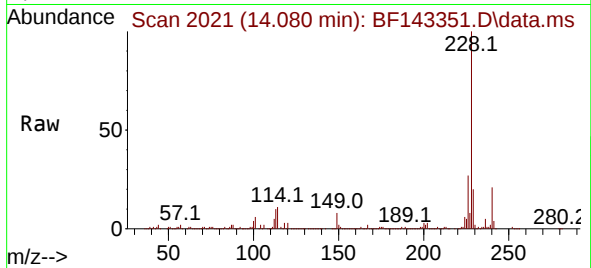




#81
Benzo(a)anthracene
Concen: 38.956 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

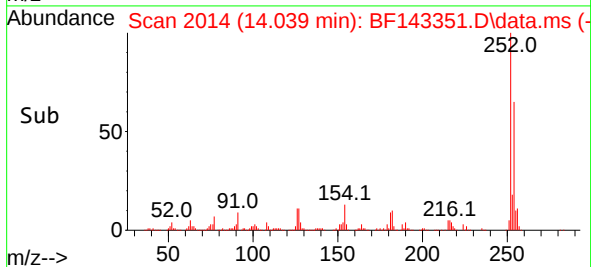
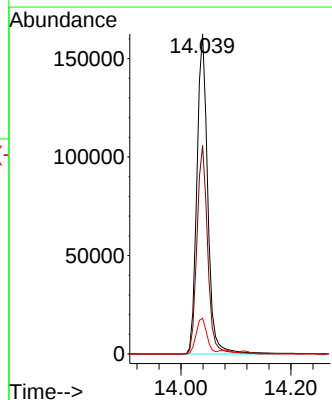
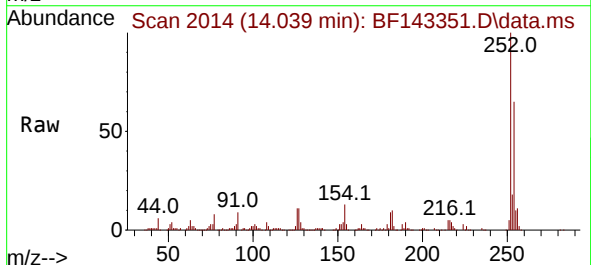
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

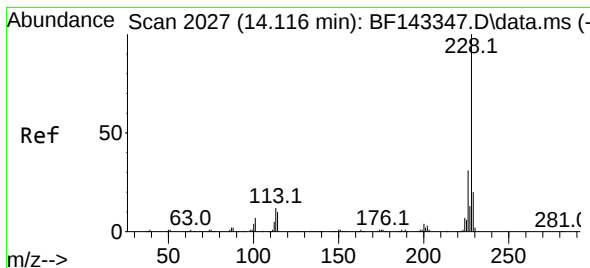
Tgt Ion:228 Resp: 693960
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 46.252 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:252 Resp: 222482
Ion Ratio Lower Upper
252 100
254 65.1 51.7 77.5
126 11.2 9.2 13.8





#83

Chrysene

Concen: 38.503 ng

RT: 14.116 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

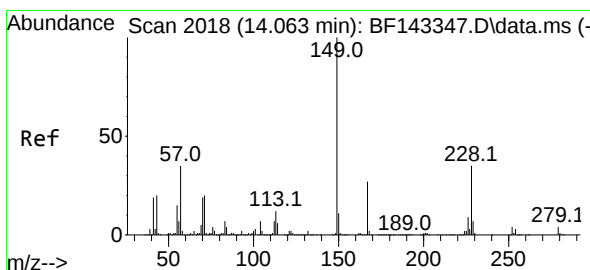
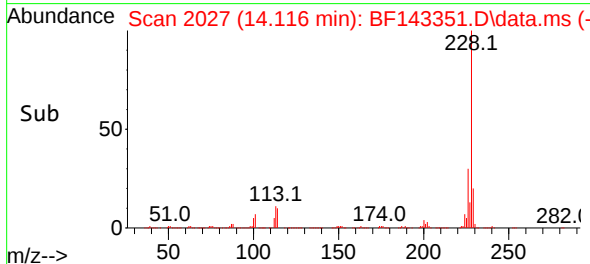
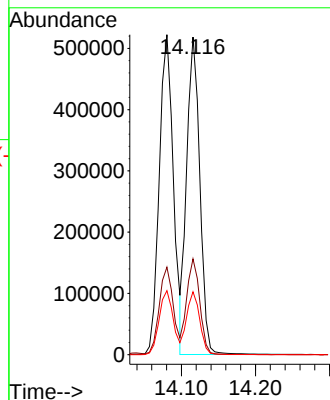
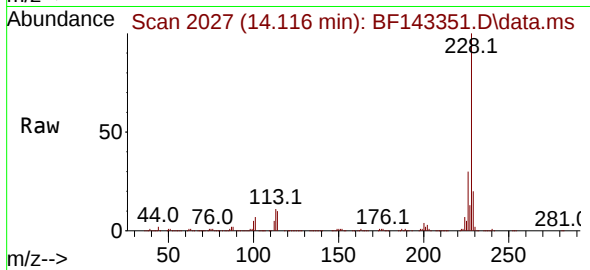
Tgt Ion:228 Resp: 639568

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.315 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

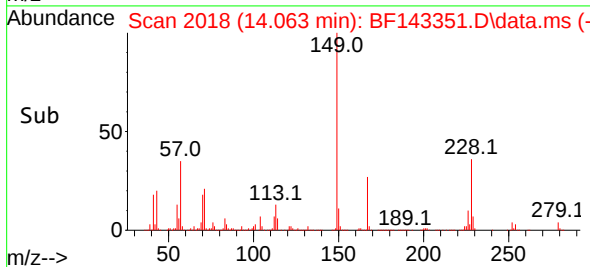
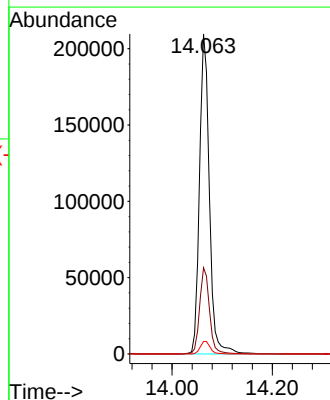
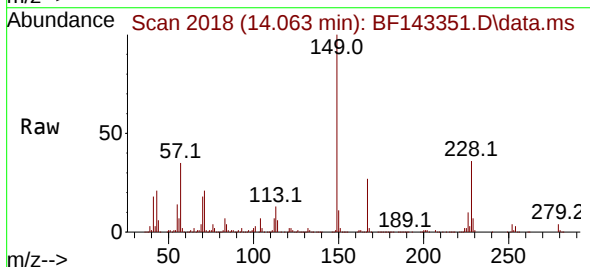
Tgt Ion:149 Resp: 285665

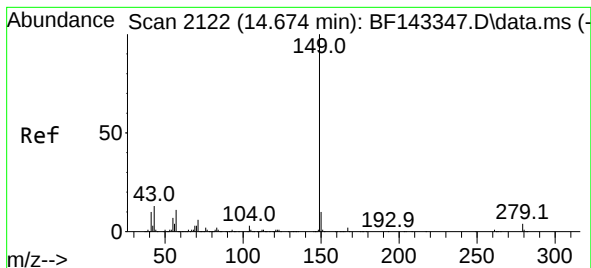
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 42.219 ng

RT: 14.674 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

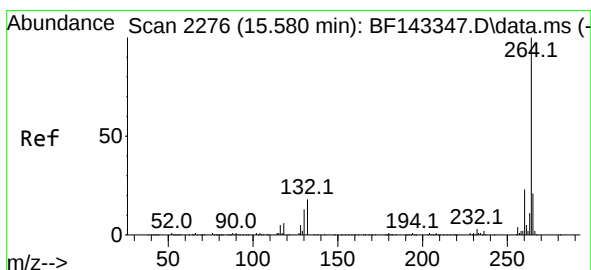
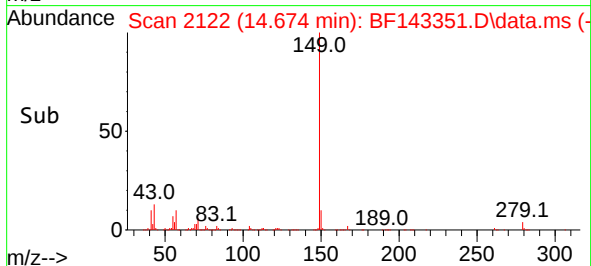
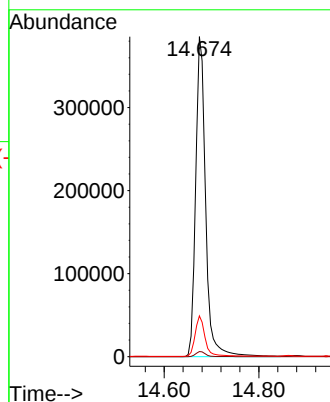
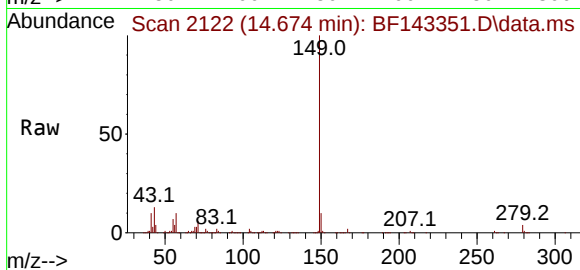
Tgt Ion:149 Resp: 563193

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.6 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

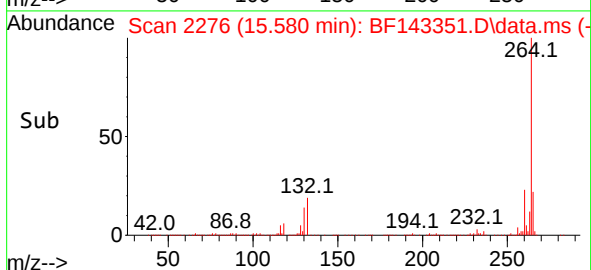
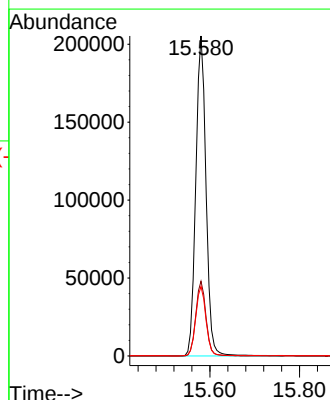
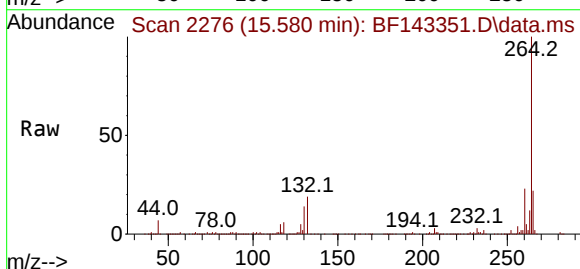
Tgt Ion:264 Resp: 324835

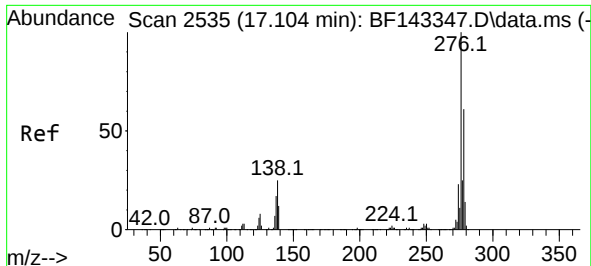
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.7 17.2 25.8

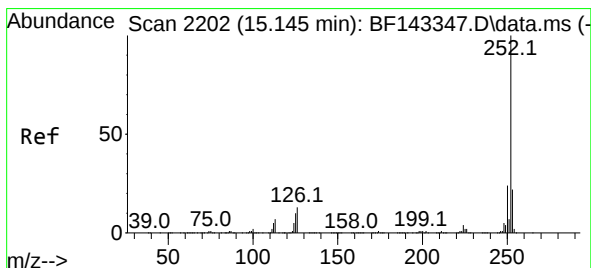
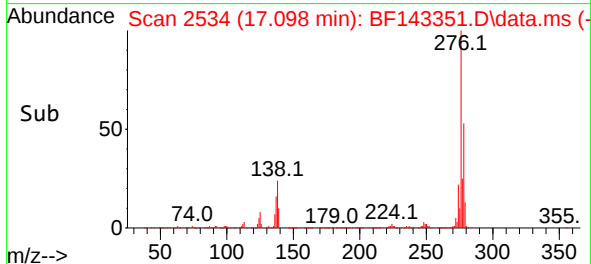
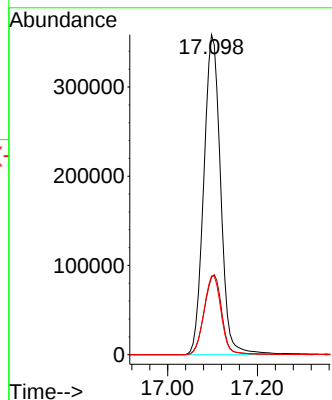
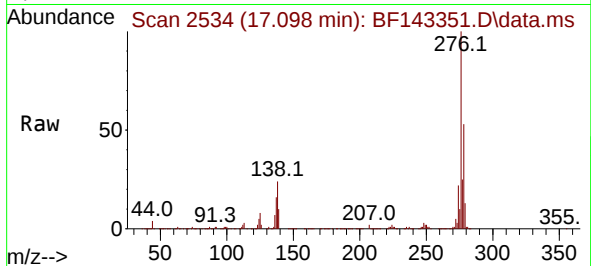




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.136 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

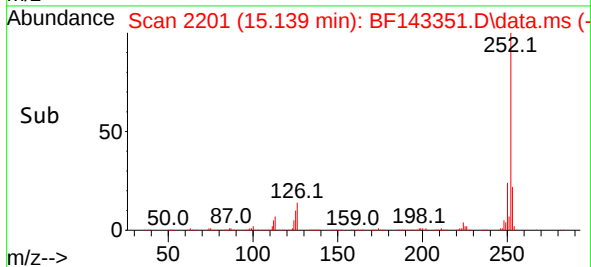
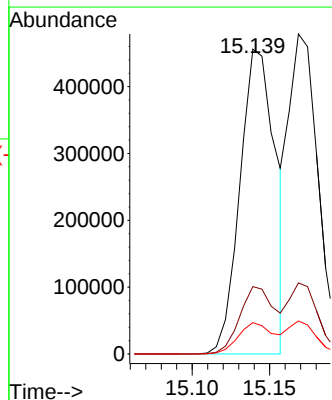
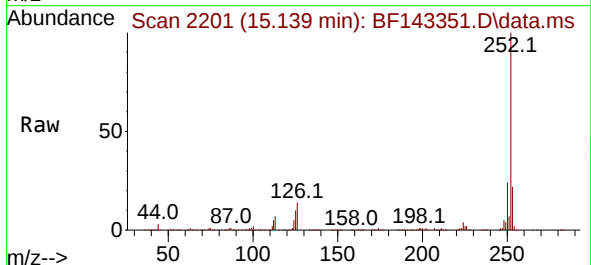
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

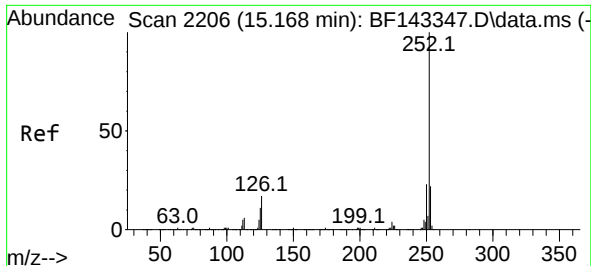
Tgt Ion:276 Resp: 934056
Ion Ratio Lower Upper
276 100
138 26.0 21.1 31.7
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 40.856 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:252 Resp: 725882
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 37.064 ng

RT: 15.169 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

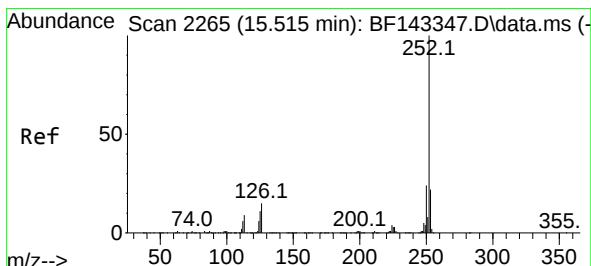
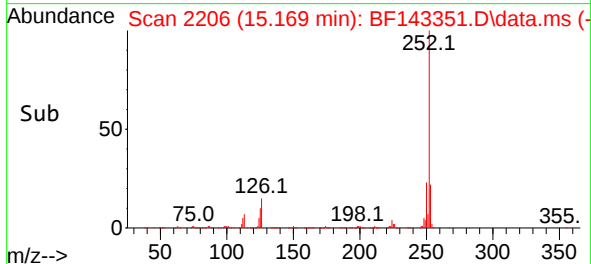
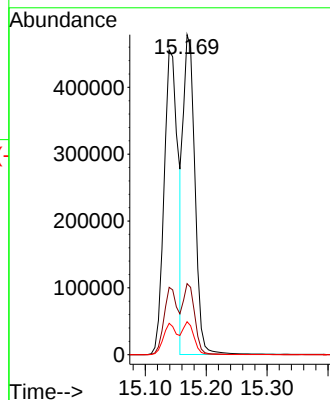
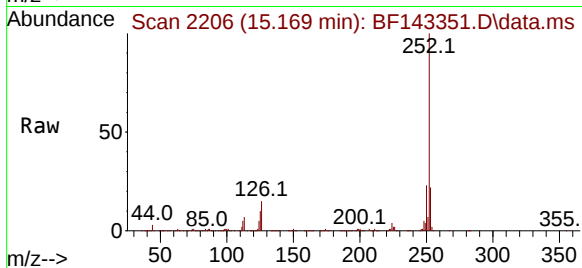
Tgt Ion:252 Resp: 639883

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.3 8.4 12.6



#90

Benzo(a)pyrene

Concen: 41.027 ng

RT: 15.516 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

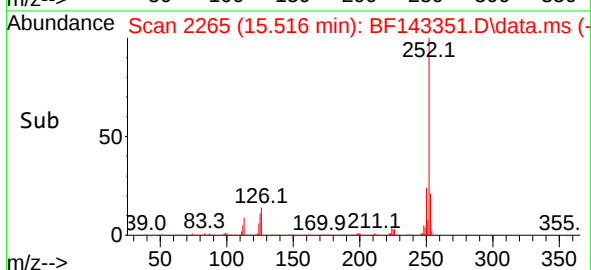
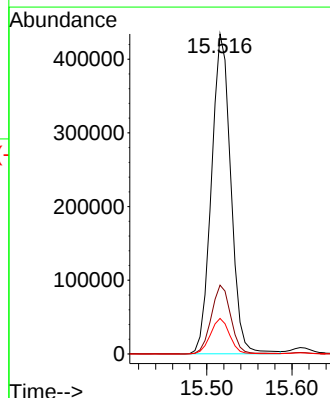
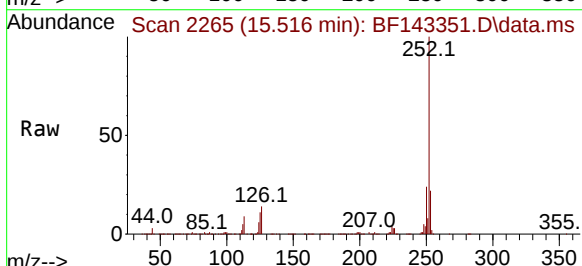
Tgt Ion:252 Resp: 686526

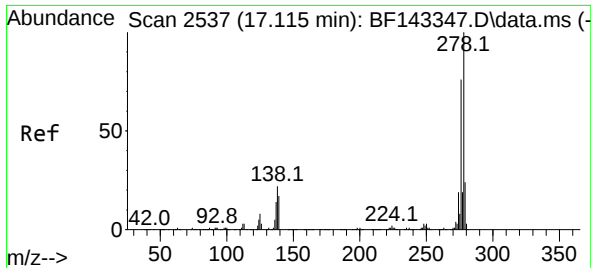
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 11.1 9.1 13.7

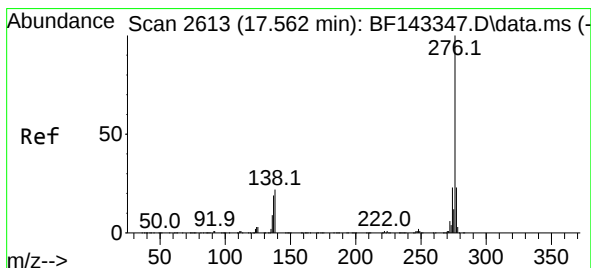
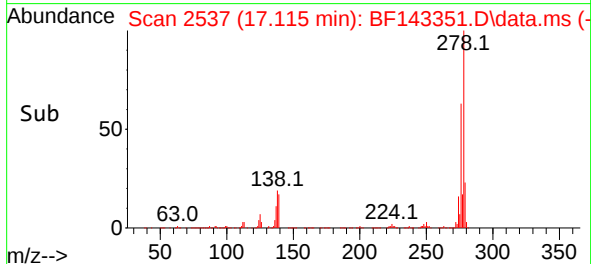
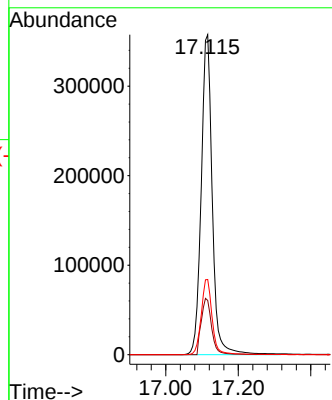
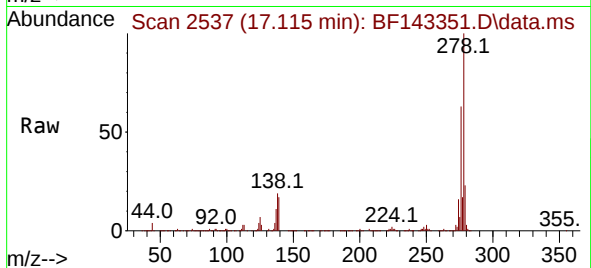




#91
 Dibenzo(a,h)anthracene
 Concen: 40.736 ng
 RT: 17.115 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF143351.D
 Acq: 12 Aug 2025 13:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081225

Tgt Ion:278 Resp: 757376
 Ion Ratio Lower Upper
 278 100
 139 17.0 14.0 21.0
 279 23.5 19.4 29.0



#92
 Benzo(g,h,i)perylene
 Concen: 41.001 ng
 RT: 17.557 min Scan# 2612
 Delta R.T. -0.006 min
 Lab File: BF143351.D
 Acq: 12 Aug 2025 13:52

Tgt Ion:276 Resp: 767923
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.7 28.1
 138 22.8 17.8 26.8

