

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143348.D
 Acq On : 12 Aug 2025 11:37
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 12 13:19:58 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 13:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	164745	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	635446	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	333763	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	492512	20.000	ng	0.00
76) Chrysene-d12	14.092	240	286106	20.000	ng	0.00
86) Perylene-d12	15.580	264	342458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	941847	98.862	ng	0.00
7) Phenol-d6	6.563	99	1192312	97.594	ng	0.00
23) Nitrobenzene-d5	7.493	82	1041552	102.072	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	266796	109.378	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1769302	89.893	ng	0.00
79) Terphenyl-d14	13.033	244	1395642	87.090	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	243901	49.475	ng	100
3) Pyridine	3.534	79	668266	50.870	ng	99
4) n-Nitrosodimethylamine	3.475	42	313754	51.272	ng	99
6) Aniline	6.593	93	835697	48.521	ng	97
8) 2-Chlorophenol	6.722	128	510568	50.155	ng	97
9) Benzaldehyde	6.481	77	360210	44.609	ng	99
10) Phenol	6.581	94	708845	48.977	ng	86
11) bis(2-Chloroethyl)ether	6.663	93	515652	48.342	ng	99
12) 1,3-Dichlorobenzene	6.875	146	561710	47.838	ng	99
13) 1,4-Dichlorobenzene	6.951	146	564115	47.868	ng	99
14) 1,2-Dichlorobenzene	7.104	146	533226	47.666	ng	99
15) Benzyl Alcohol	7.069	79	439125	50.143	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	911815	47.882	ng	97
17) 2-Methylphenol	7.181	107	426865	49.676	ng	99
18) Hexachloroethane	7.445	117	185051	50.086	ng	99
19) n-Nitroso-di-n-propyla...	7.340	70	355609	47.107	ng	99
20) 3+4-Methylphenols	7.334	107	505153	48.609	ng	95
22) Acetophenone	7.340	105	642443	45.886	ng	97
24) Nitrobenzene	7.510	77	558404	50.388	ng	99
25) Isophorone	7.751	82	995651	47.796	ng	99
26) 2-Nitrophenol	7.828	139	213083	47.982	ng	99
27) 2,4-Dimethylphenol	7.863	122	436419	50.217	ng	99
28) bis(2-Chloroethoxy)met...	7.957	93	608760	47.865	ng	100
29) 2,4-Dichlorophenol	8.069	162	428530	50.485	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	427946	47.795	ng	99
31) Naphthalene	8.234	128	1431280	46.809	ng	100
32) Benzoic acid	7.981	122	191072	49.943	ng	95
33) 4-Chloroaniline	8.281	127	531257	48.171	ng	100
34) Hexachlorobutadiene	8.357	225	264501	47.488	ng	100
35) Caprolactam	8.651	113	123969	51.952	ng	96
36) 4-Chloro-3-methylphenol	8.763	107	442622	49.741	ng	98
37) 2-Methylnaphthalene	8.928	142	938982	46.712	ng	99
38) 1-Methylnaphthalene	9.028	142	902313	46.606	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	437268	47.877	ng	99
41) Hexachlorocyclopentadiene	9.081	237	143487	47.474	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	273471	52.773	ng	99

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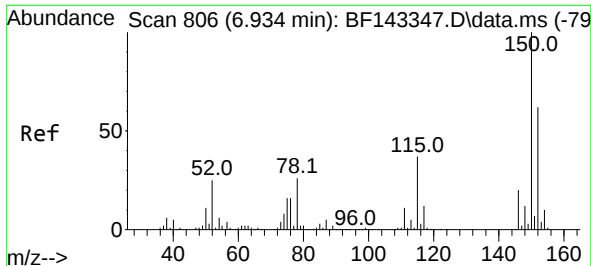
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	303993	51.948	ng	99
46) 1,1'-Biphenyl	9.387	154	1098727	46.558	ng	99
47) 2-Chloronaphthalene	9.416	162	872497	46.944	ng	100
48) 2-Nitroaniline	9.504	65	267630	49.816	ng	99
49) Acenaphthylene	9.828	152	1272878	47.424	ng	100
50) Dimethylphthalate	9.681	163	954560	48.946	ng	100
51) 2,6-Dinitrotoluene	9.745	165	182648	49.400	ng	99
52) Acenaphthene	10.004	154	844612	47.334	ng	100
53) 3-Nitroaniline	9.916	138	220926	55.316	ng	99
54) 2,4-Dinitrophenol	10.022	184	61169	49.460	ng	91
55) Dibenzofuran	10.175	168	1199947	46.725	ng	100
56) 4-Nitrophenol	10.075	139	150114	49.286	ng	99
57) 2,4-Dinitrotoluene	10.145	165	246635	50.215	ng	99
58) Fluorene	10.516	166	910380	46.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	215158	54.543	ng	100
60) Diethylphthalate	10.381	149	865395	49.540	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	444383	46.885	ng	99
62) 4-Nitroaniline	10.528	138	207188	53.618	ng	99
63) Azobenzene	10.663	77	957306	47.978	ng	100
65) 4,6-Dinitro-2-methylph...	10.563	198	95307	47.856	ng	94
66) n-Nitrosodiphenylamine	10.622	169	787342	48.549	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	279724	49.660	ng	96
68) Hexachlorobenzene	11.069	284	291915	48.079	ng	99
69) Atrazine	11.145	200	221025	52.254	ng	98
70) Pentachlorophenol	11.263	266	139359	49.342	ng	98
71) Phenanthrene	11.480	178	1258386	46.830	ng	100
72) Anthracene	11.528	178	1284165	47.123	ng	100
73) Carbazole	11.680	167	1082772	46.654	ng	99
74) Di-n-butylphthalate	12.010	149	1008389	51.345	ng	99
75) Fluoranthene	12.663	202	1074315	45.641	ng	99
77) Benzidine	12.780	184	392548	50.186	ng	99
78) Pyrene	12.898	202	1081940	45.078	ng	99
80) Butylbenzylphthalate	13.504	149	229034	48.268	ng	99
81) Benzo(a)anthracene	14.080	228	878814	48.327	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	267204	54.417	ng	100
83) Chrysene	14.116	228	831682	49.049	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	341876	48.921	ng	98
85) Di-n-octyl phthalate	14.674	149	675816	48.572	ng	99
87) Indeno(1,2,3-cd)pyrene	17.110	276	1191556	48.566	ng	100
88) Benzo(b)fluoranthene	15.145	252	895570	47.812	ng	100
89) Benzo(k)fluoranthene	15.174	252	901937	49.555	ng	99
90) Benzo(a)pyrene	15.521	252	866161	49.098	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	957602	48.855	ng	99
92) Benzo(g,h,i)perylene	17.568	276	962236	48.732	ng	100

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

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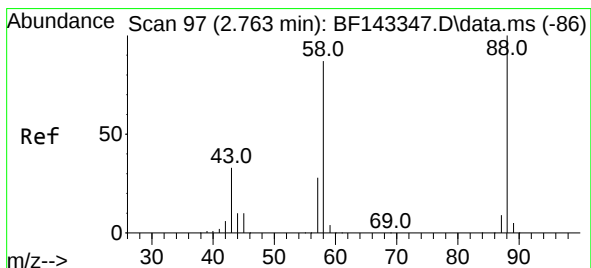
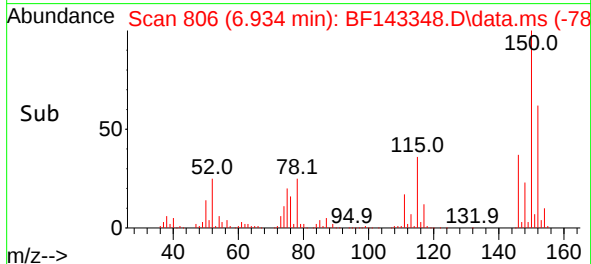
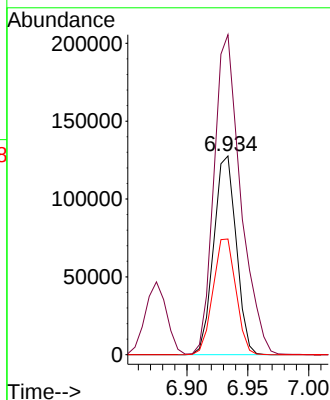
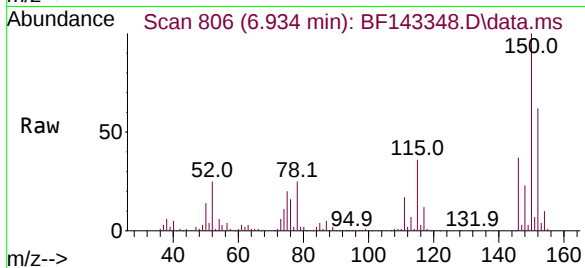




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF143348.D
 Acq: 12 Aug 2025 11:37

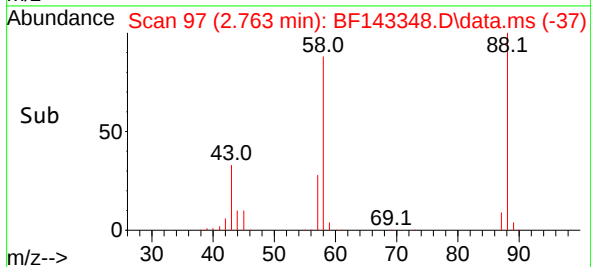
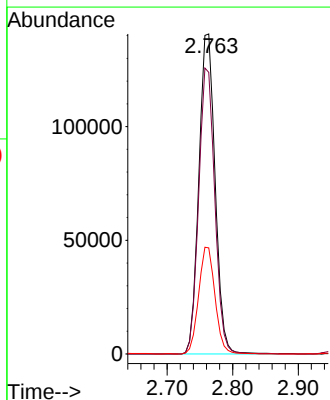
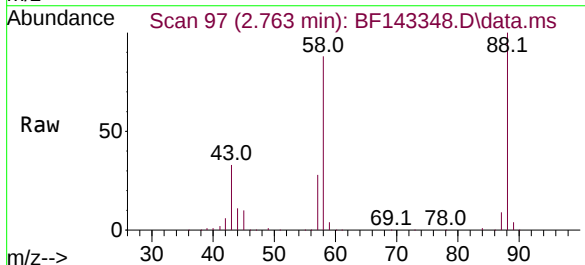
Instrument :
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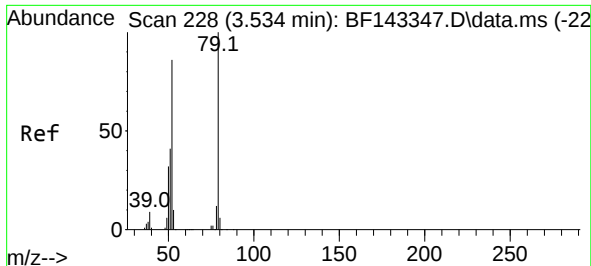
Tgt Ion:152 Resp: 164745
 Ion Ratio Lower Upper
 152 100
 150 161.0 129.8 194.8
 115 58.2 47.8 71.8



#2
 1,4-Dioxane
 Concen: 49.475 ng
 RT: 2.763 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: BF143348.D
 Acq: 12 Aug 2025 11:37

Tgt Ion: 88 Resp: 243901
 Ion Ratio Lower Upper
 88 100
 58 88.3 71.0 106.6
 43 33.6 27.0 40.6

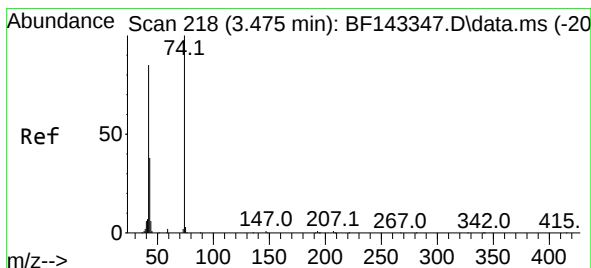
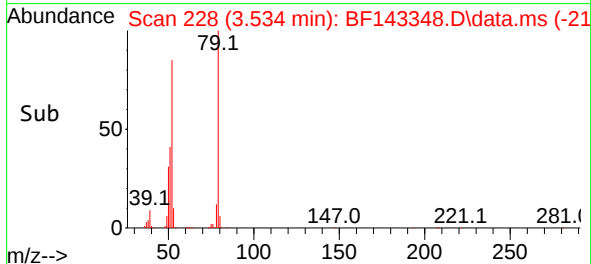
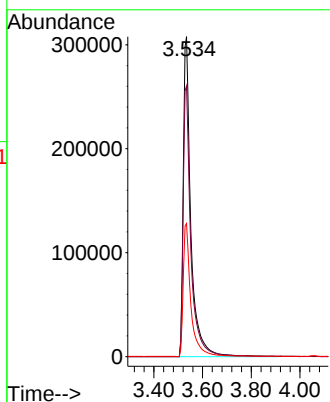
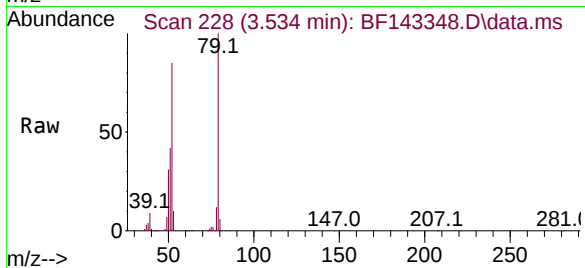




#3
Pyridine
Concen: 50.870 ng
RT: 3.534 min Scan# 218
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

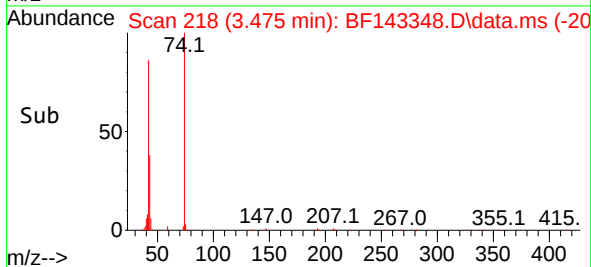
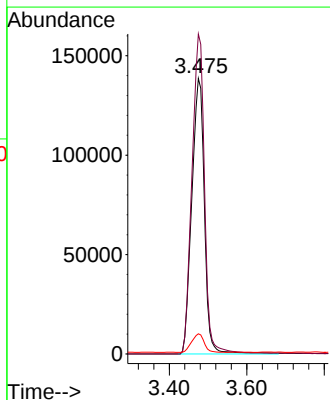
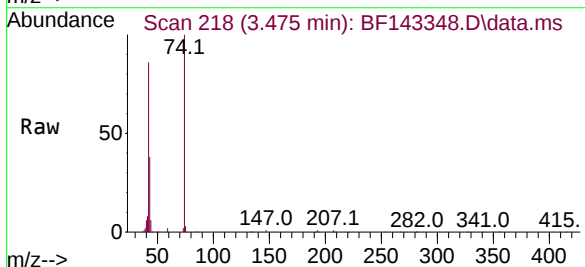
Instrument :
BNA_F
ClientSampleId :
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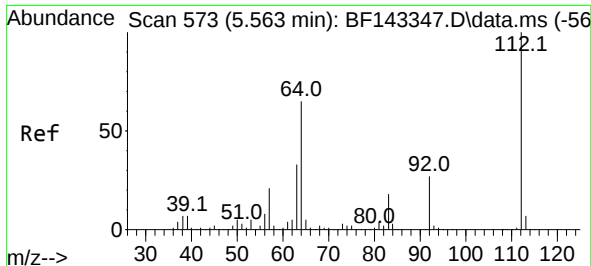
Tgt Ion: 79 Resp: 668266
Ion Ratio Lower Upper
79 100
52 84.5 68.7 103.1
51 41.6 33.4 50.0



#4
n-Nitrosodimethylamine
Concen: 51.272 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 42 Resp: 313754
Ion Ratio Lower Upper
42 100
74 116.1 94.1 141.1
44 7.3 6.5 9.7

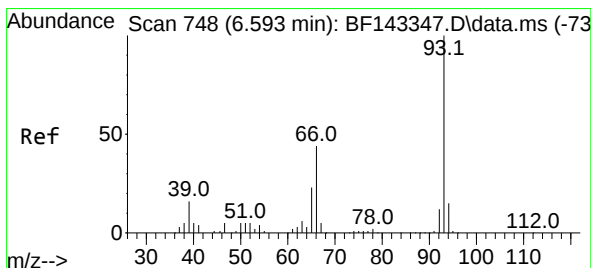
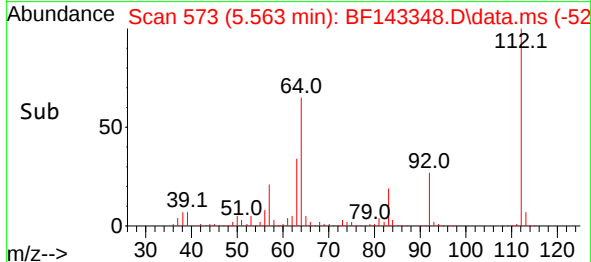
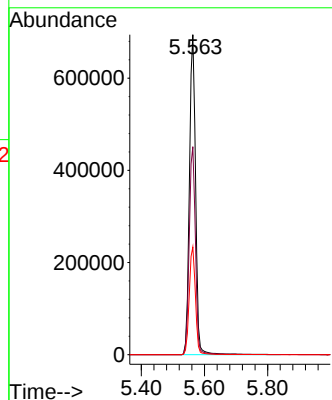
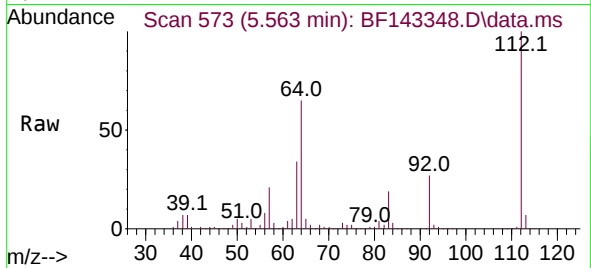




#5
2-Fluorophenol
Concen: 98.862 ng
RT: 5.563 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

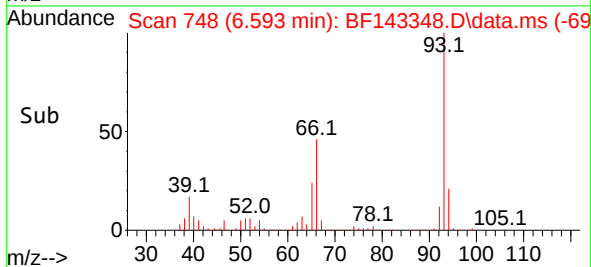
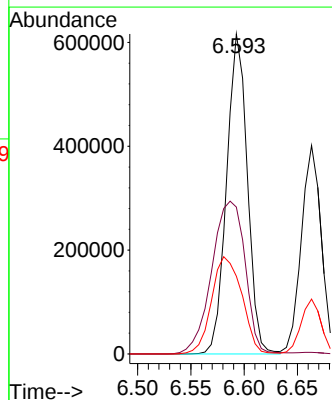
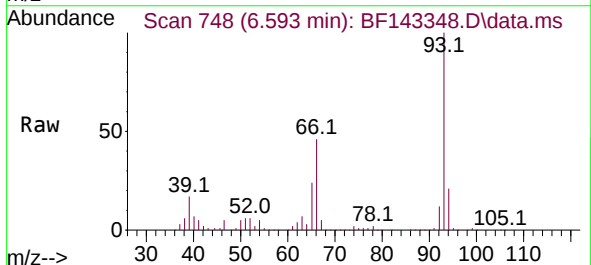
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ClientSampleId :
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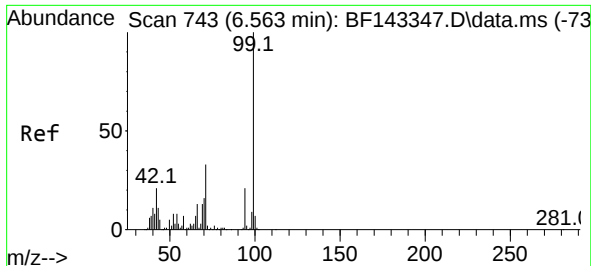
Tgt Ion:112 Resp: 941847
Ion Ratio Lower Upper
112 100
64 65.0 52.1 78.1
63 33.6 26.6 39.8



#6
Aniline
Concen: 48.521 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 93 Resp: 835697
Ion Ratio Lower Upper
93 100
66 45.9 35.3 52.9
65 24.3 18.2 27.4



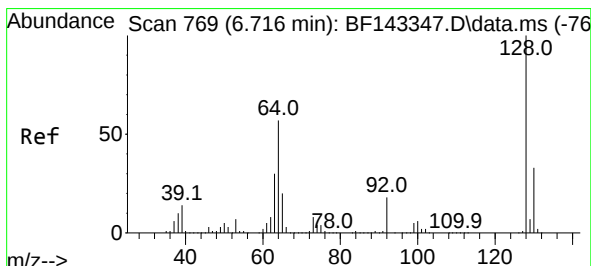
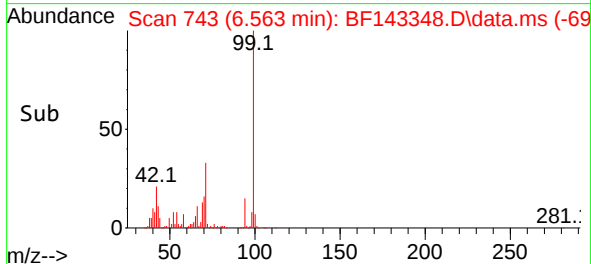
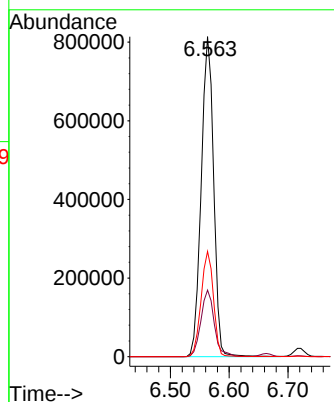
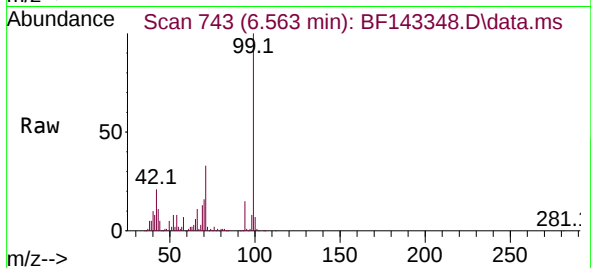


#7
Phenol-d6
Concen: 97.594 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1192312

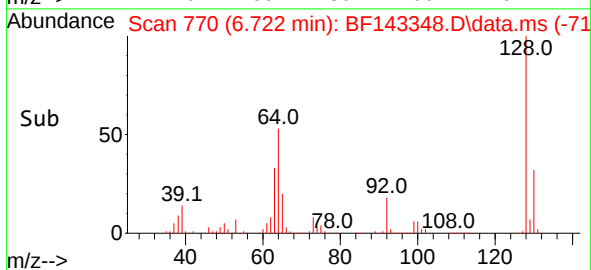
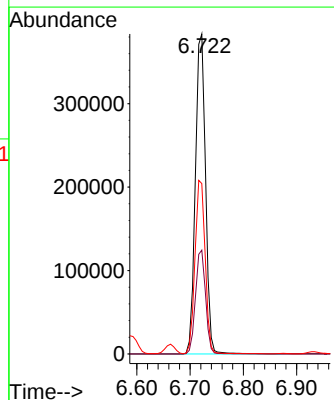
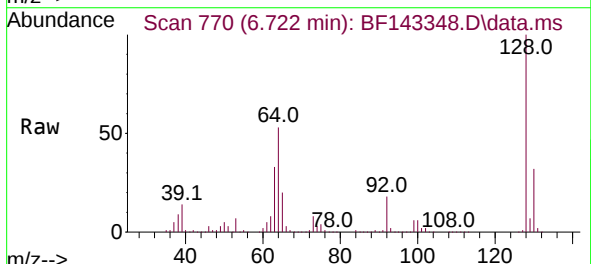
Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.6	25.0
71	32.9	26.2	39.2

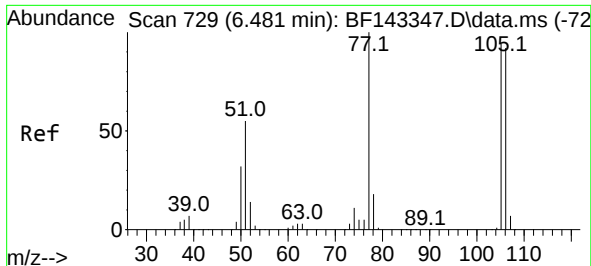


#8
2-Chlorophenol
Concen: 50.155 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 128 Resp: 510568

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	53.2	36.7	76.7

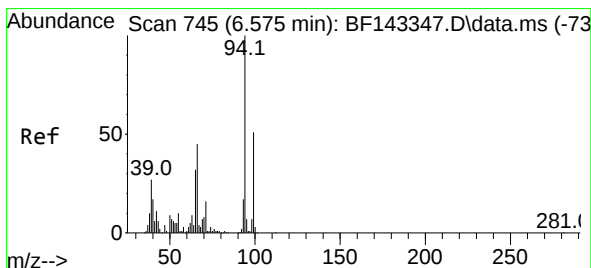
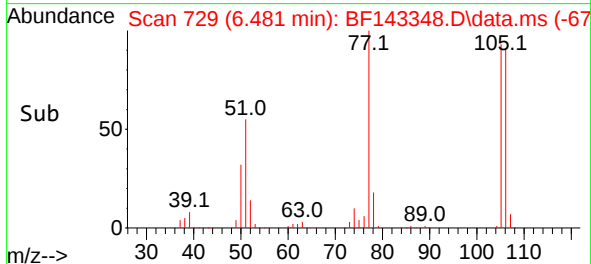
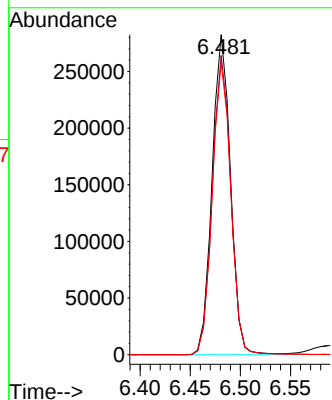
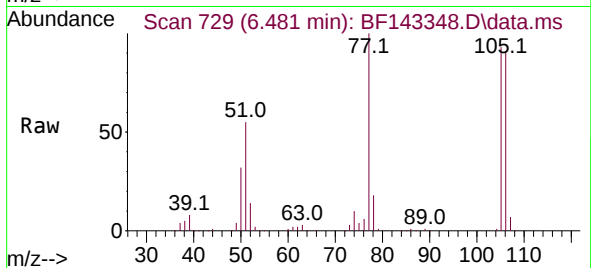




#9
Benzaldehyde
Concen: 44.609 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

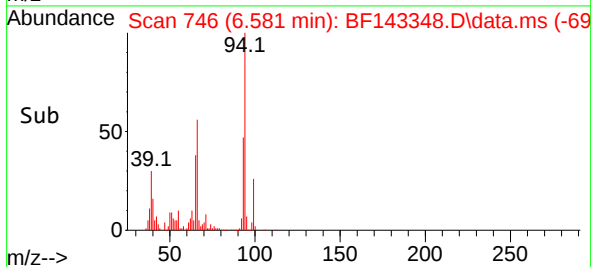
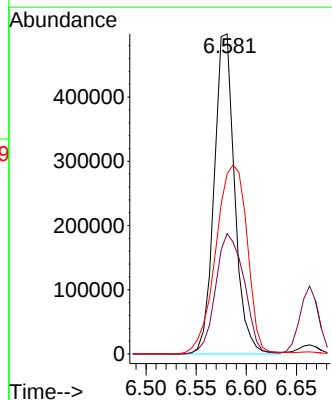
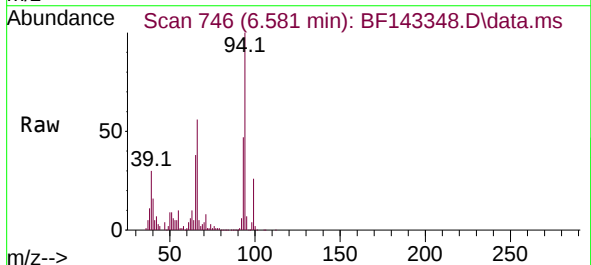
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BNA_F
ClientSampleId :
SSTDICC050

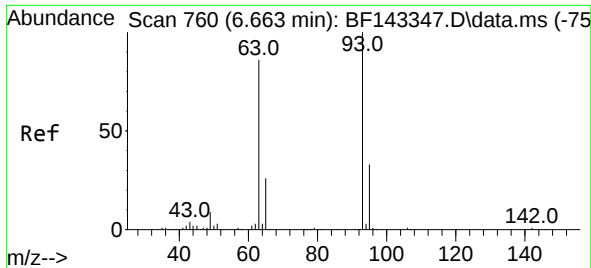
Tgt Ion: 77 Resp: 360210
Ion Ratio Lower Upper
77 100
105 93.5 74.2 114.2
106 91.4 72.2 112.2



#10
Phenol
Concen: 48.977 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 94 Resp: 708845
Ion Ratio Lower Upper
94 100
65 37.6 12.0 52.0
66 56.2 25.6 65.6

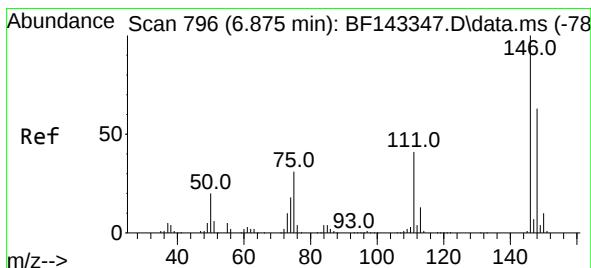
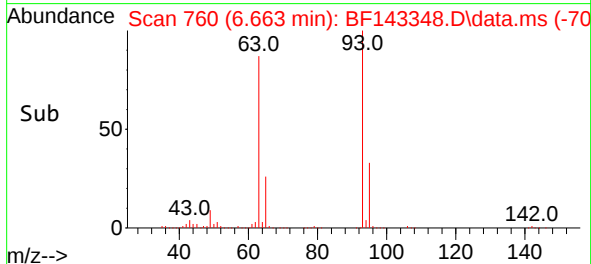
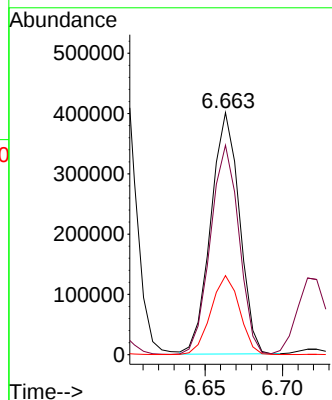
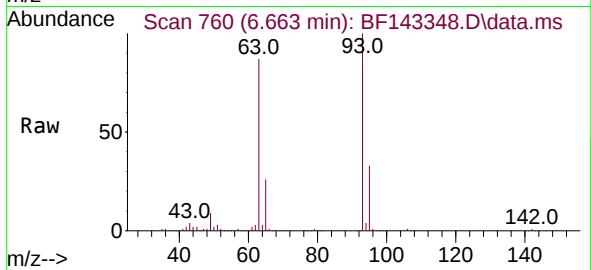




#11
bis(2-Chloroethyl)ether
Concen: 48.342 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

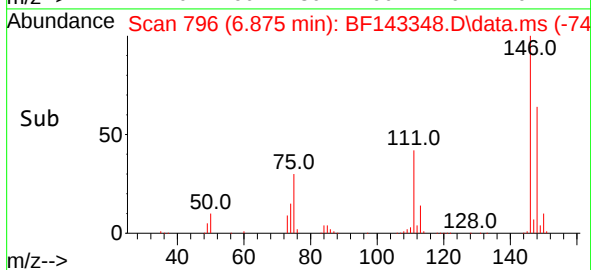
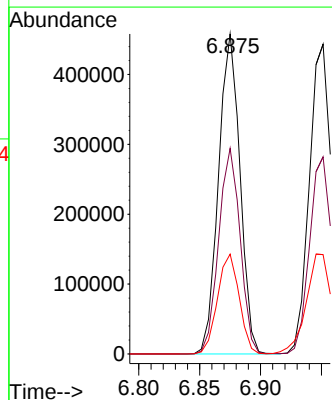
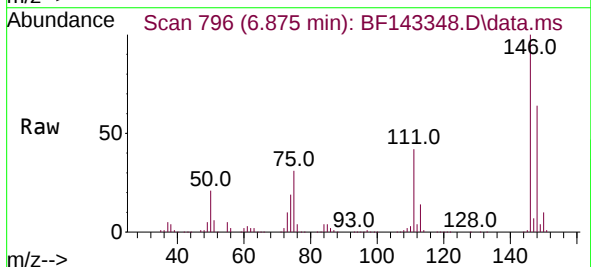
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

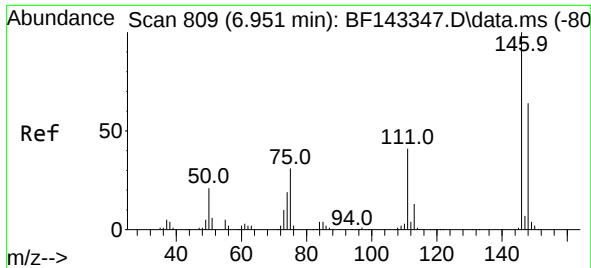
Tgt Ion: 93 Resp: 515652
Ion Ratio Lower Upper
93 100
63 86.5 65.7 105.7
95 32.7 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 47.838 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 146 Resp: 561710
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 31.2 24.9 37.3

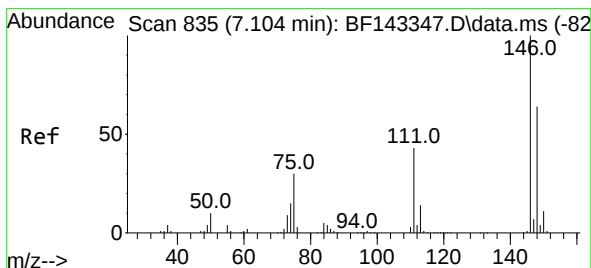
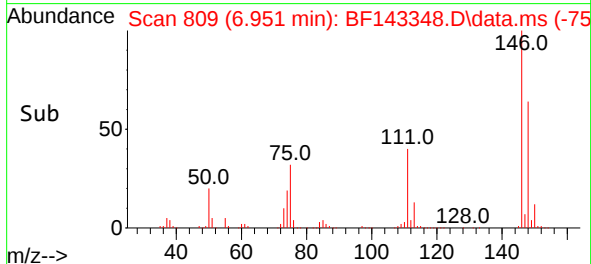
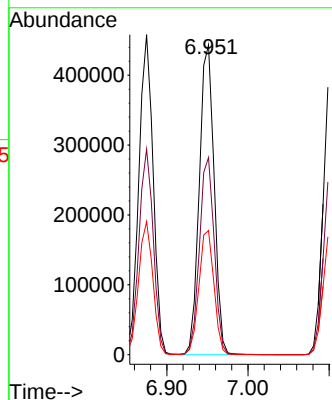
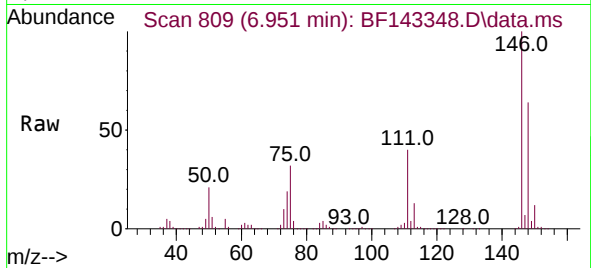




#13
1,4-Dichlorobenzene
Concen: 47.868 ng
RT: 6.951 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

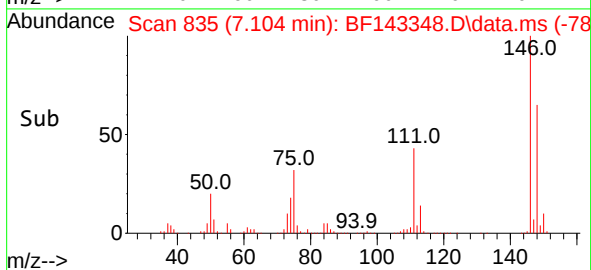
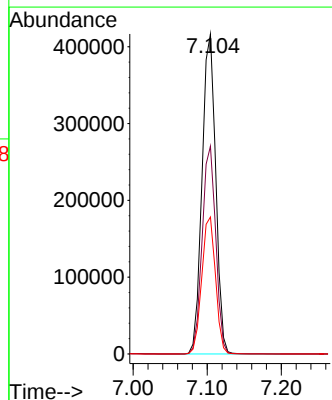
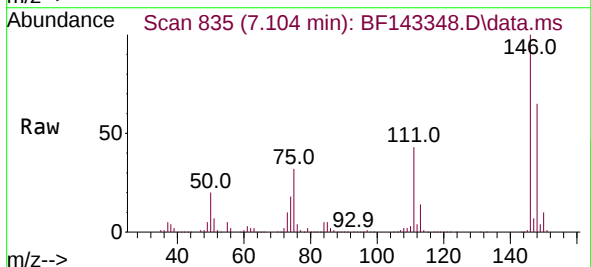
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

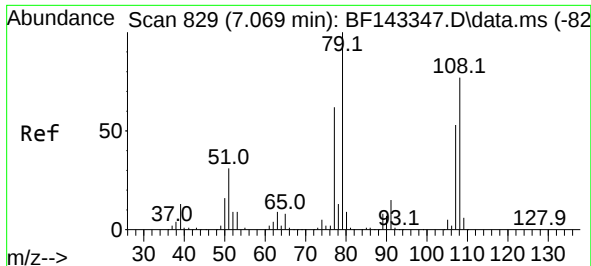
Tgt Ion:146 Resp: 564115
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 40.1 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 47.666 ng
RT: 7.104 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:146 Resp: 533226
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
111 42.8 34.1 51.1

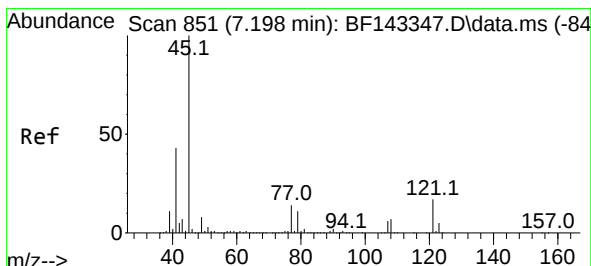
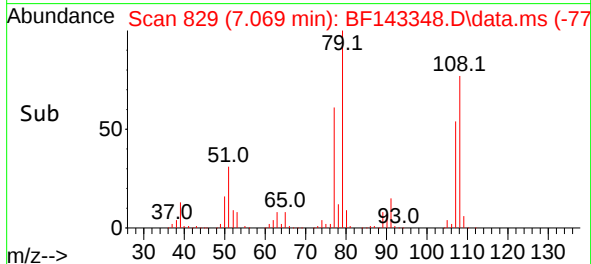
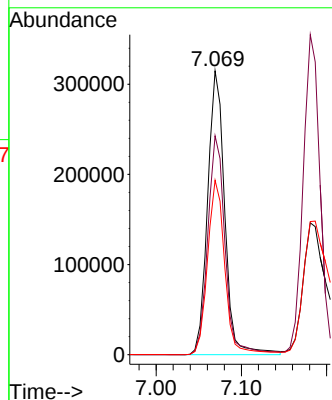
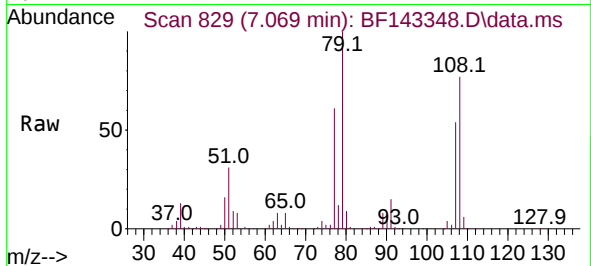




#15
Benzyl Alcohol
Concen: 50.143 ng
RT: 7.069 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

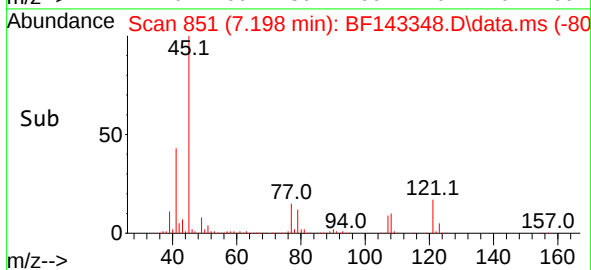
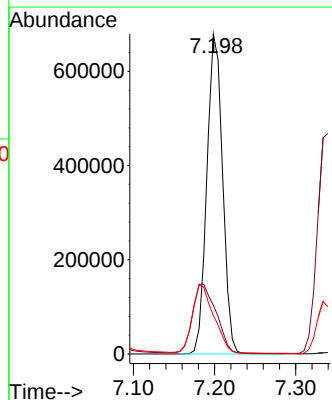
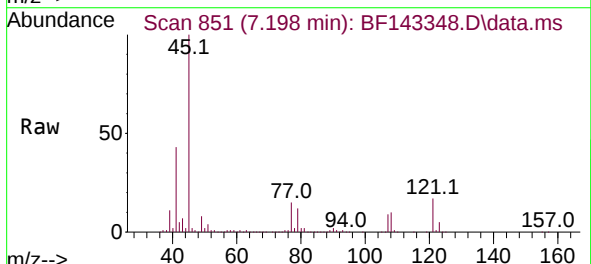
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

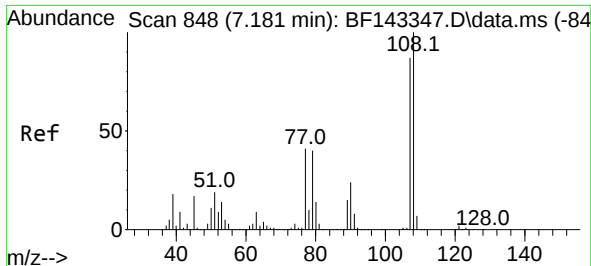
Tgt Ion: 79 Resp: 439125
Ion Ratio Lower Upper
79 100
108 77.1 61.5 92.3
77 61.4 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.882 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 45 Resp: 911815
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.0
79 12.1 0.0 31.1

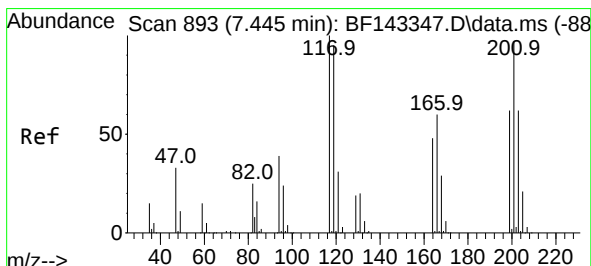
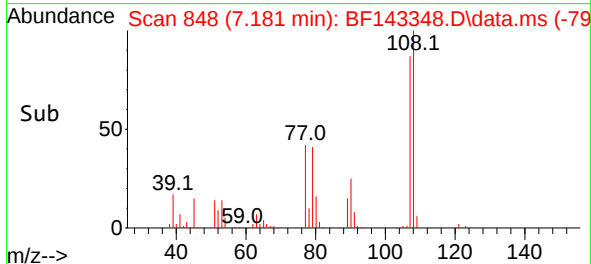
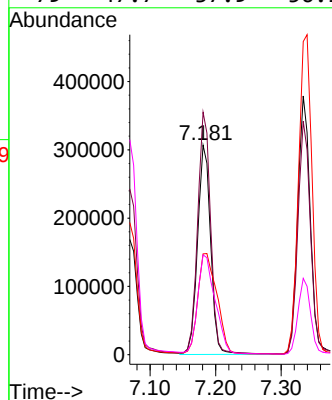
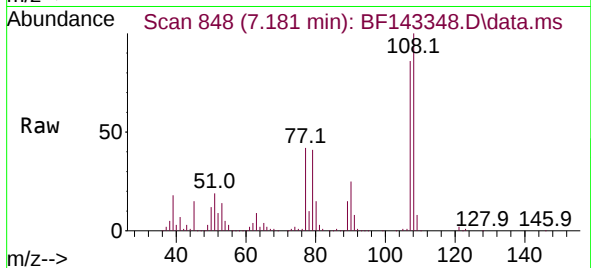




#17
2-Methylphenol
Concen: 49.676 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

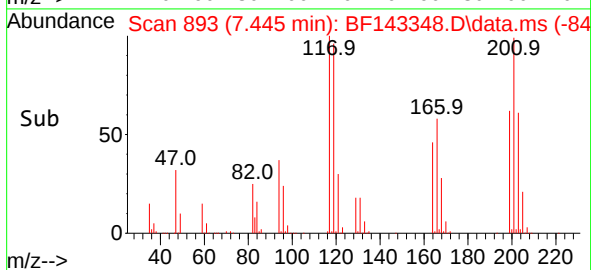
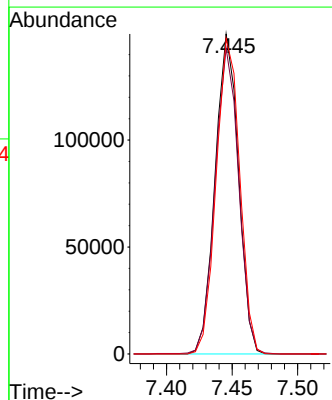
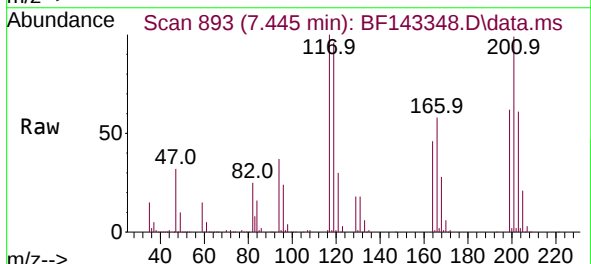
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

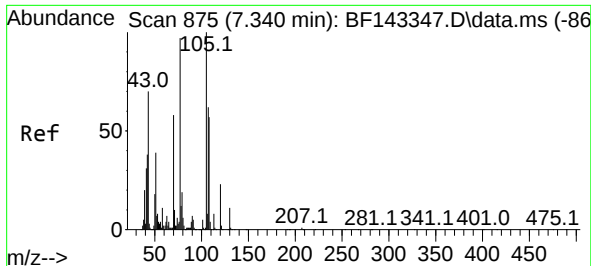
Tgt Ion:	107	Resp:	426865
Ion	Ratio	Lower	Upper
107	100		
108	115.7	92.0	138.0
77	48.1	38.2	57.2
79	47.7	37.9	56.9



#18
Hexachloroethane
Concen: 50.086 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:	117	Resp:	185051
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	98.6	77.2	115.8

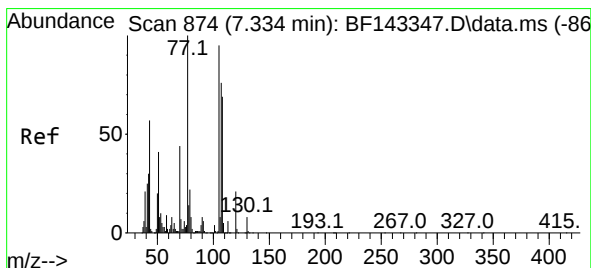
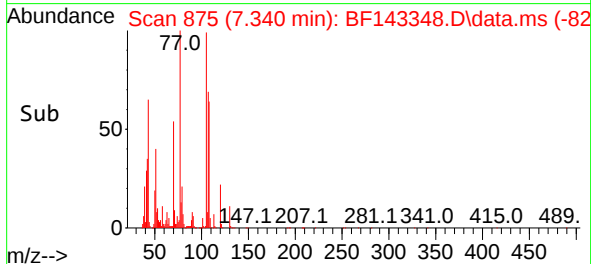
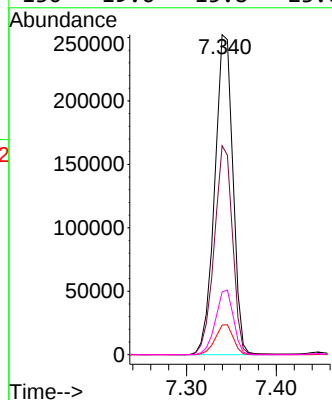
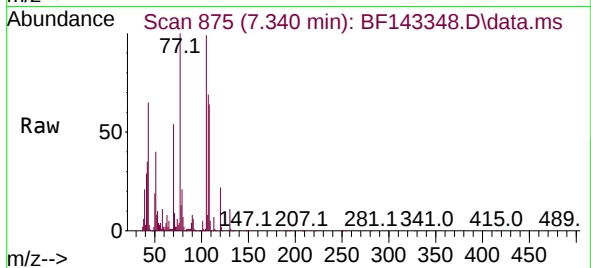




#19
n-Nitroso-di-n-propylamine
Concen: 47.107 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

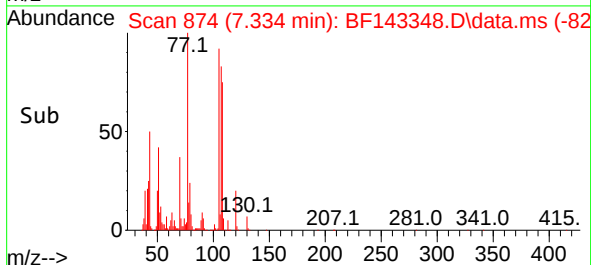
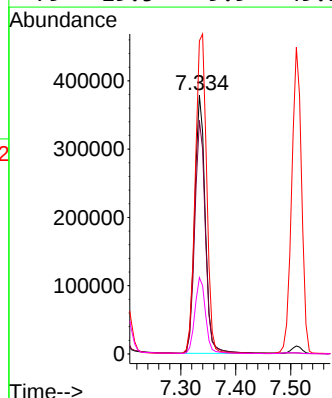
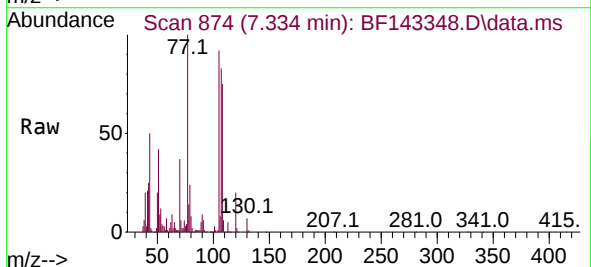
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

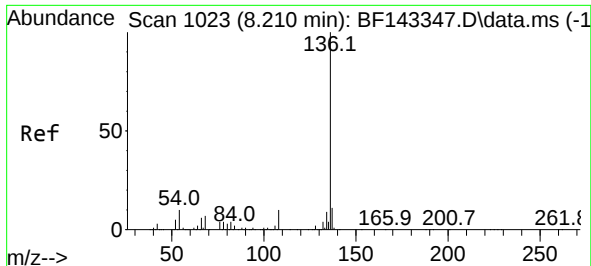
Tgt Ion: 70 Resp: 355609
Ion Ratio Lower Upper
70 100
42 65.3 51.6 77.4
101 9.2 7.5 11.3
130 19.6 15.8 23.6



#20
3+4-Methylphenols
Concen: 48.609 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 107 Resp: 505153
Ion Ratio Lower Upper
107 100
108 90.2 70.6 110.6
77 121.1 112.0 152.0
79 29.5 9.9 49.9

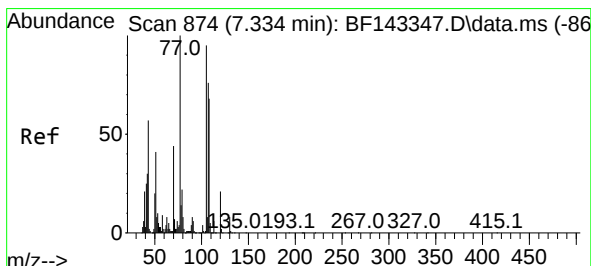
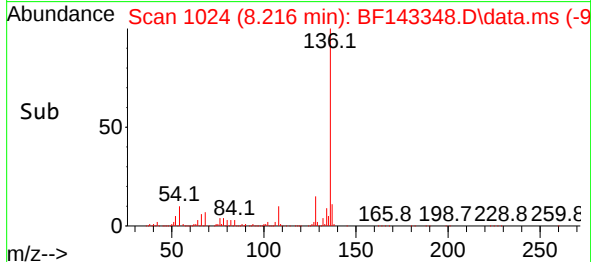
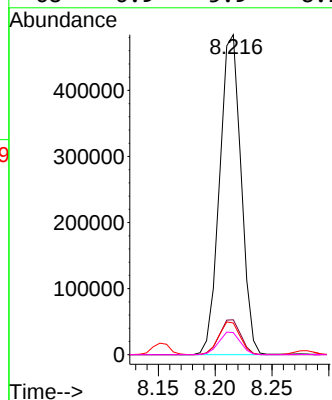
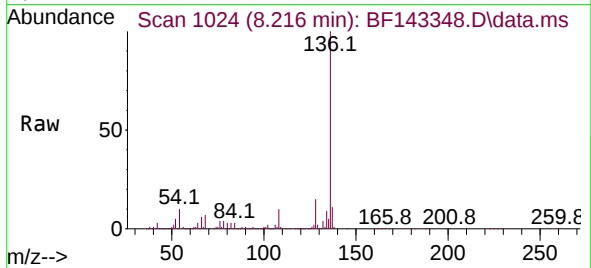




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

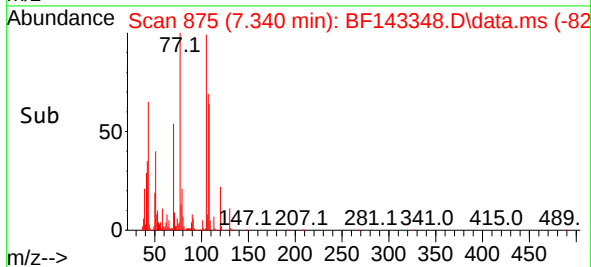
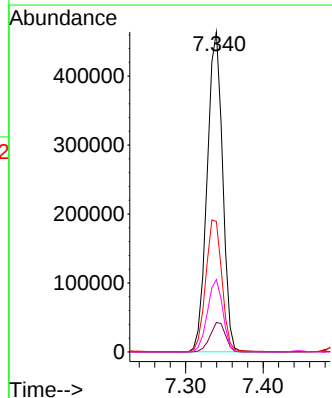
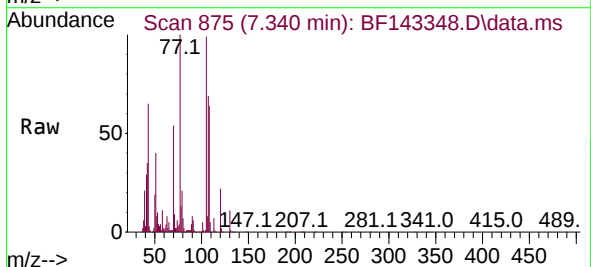
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

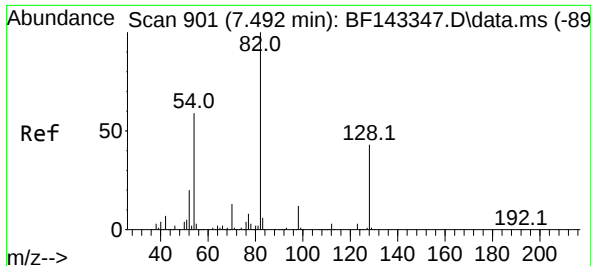
Tgt Ion:	136	Resp:	635446
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	8.4	12.6
68	6.9	5.9	8.9



#22
Acetophenone
Concen: 45.886 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:	105	Resp:	642443
Ion	Ratio	Lower	Upper
105	100		
71	9.2	6.2	9.4
51	40.8	34.8	52.2
120	22.6	17.9	26.9





#23

Nitrobenzene-d5

Concen: 102.072 ng

RT: 7.493 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

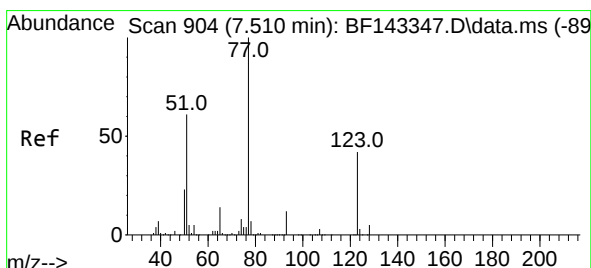
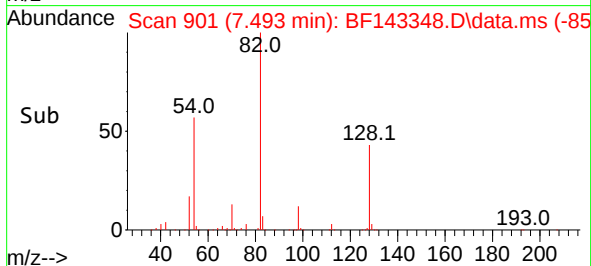
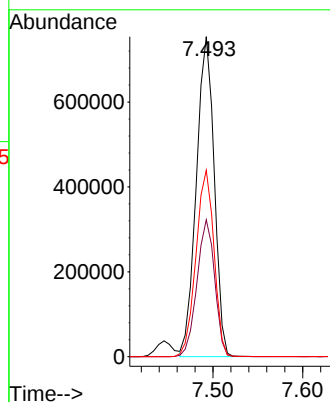
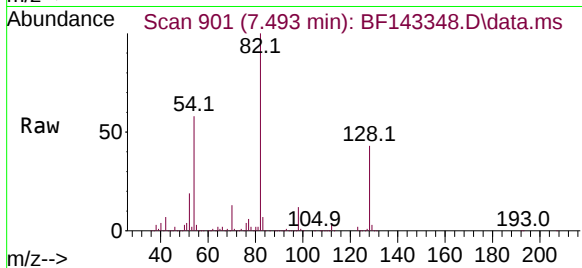
Tgt Ion: 82 Resp: 1041552

Ion Ratio Lower Upper

82 100

128 42.8 33.5 50.3

54 58.2 46.7 70.1



#24

Nitrobenzene

Concen: 50.388 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

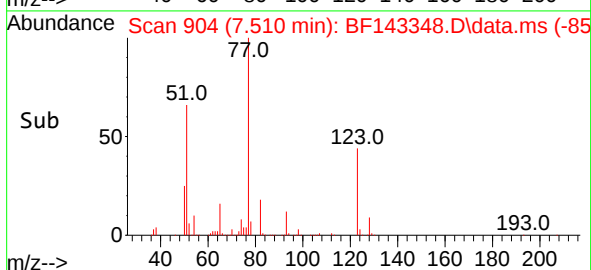
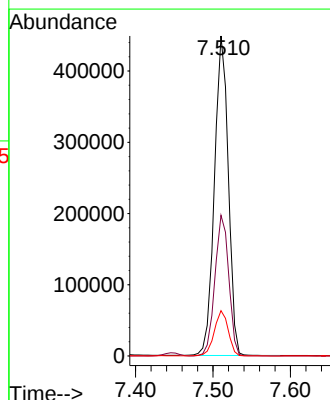
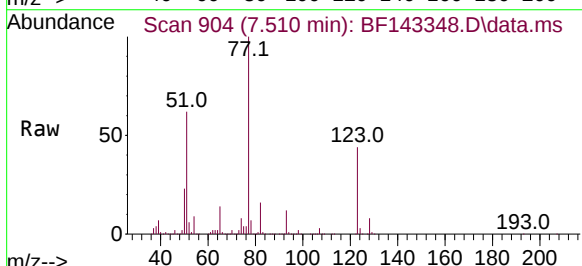
Tgt Ion: 77 Resp: 558404

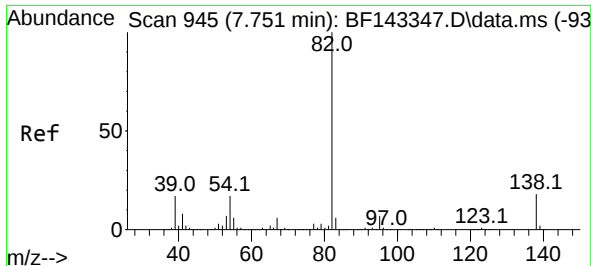
Ion Ratio Lower Upper

77 100

123 43.9 34.8 52.2

65 14.1 11.0 16.6

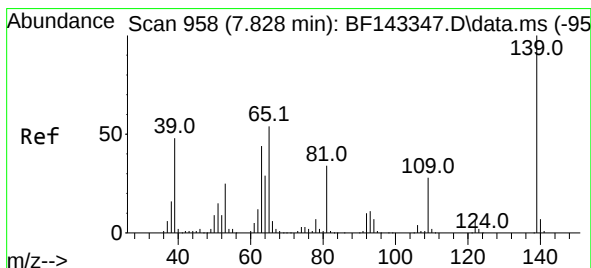
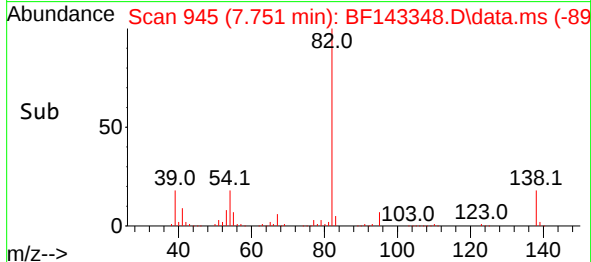
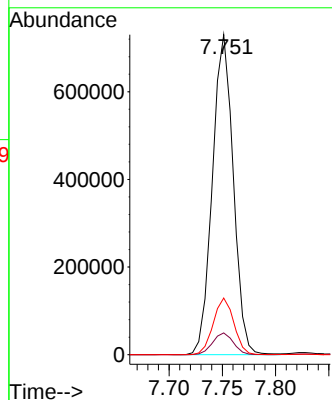
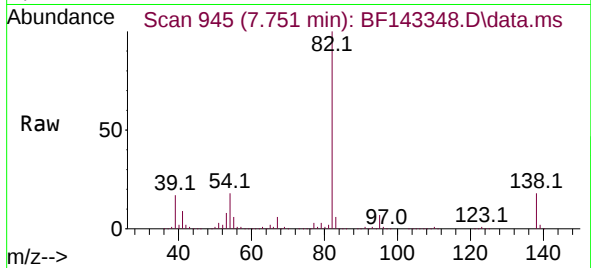




#25
Isophorone
Concen: 47.796 ng
RT: 7.751 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

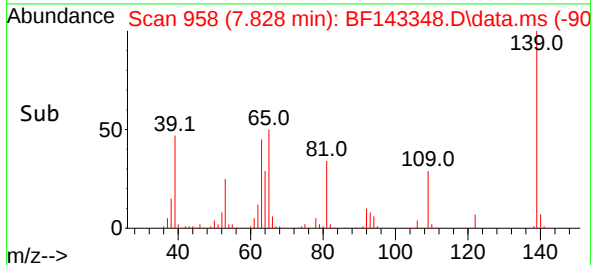
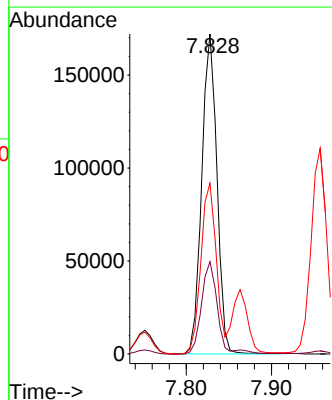
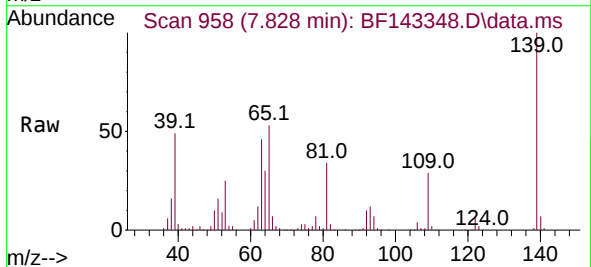
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

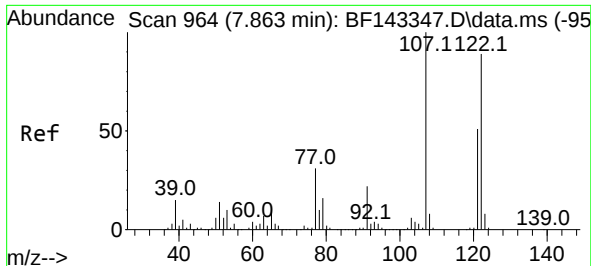
Tgt Ion: 82 Resp: 995651
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.7 14.6 21.8



#26
2-Nitrophenol
Concen: 47.982 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:139 Resp: 213083
Ion Ratio Lower Upper
139 100
109 28.9 22.4 33.6
65 53.4 42.9 64.3

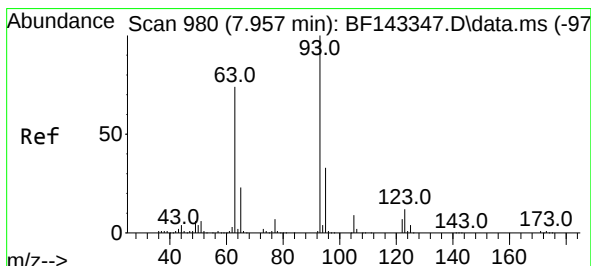
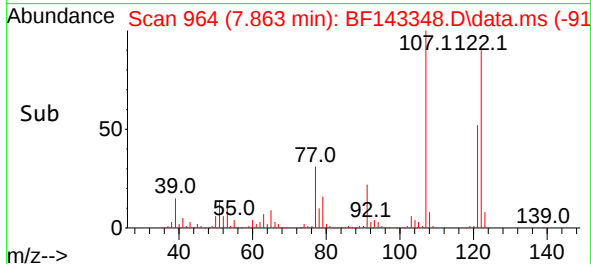
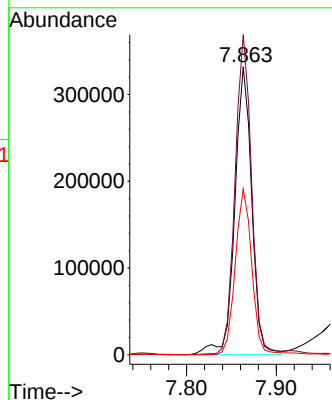
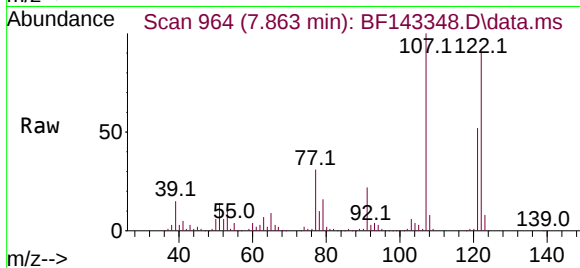




#27
2,4-Dimethylphenol
Concen: 50.217 ng
RT: 7.863 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

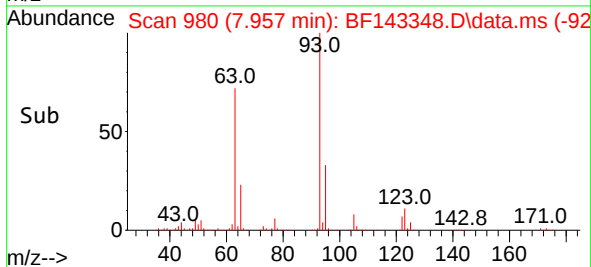
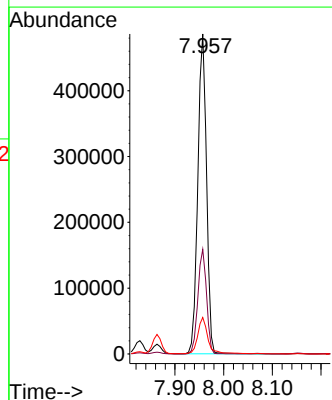
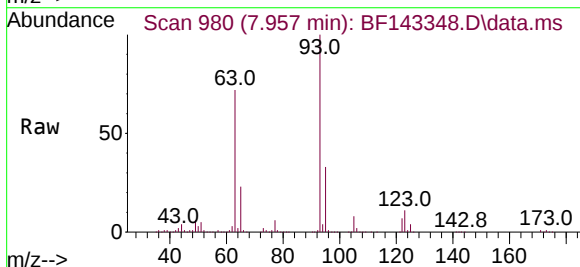
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

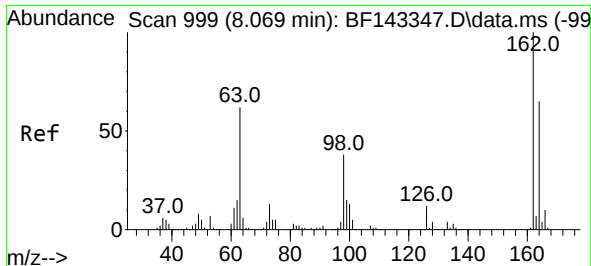
Tgt Ion:122 Resp: 436419
Ion Ratio Lower Upper
122 100
107 111.1 89.9 134.9
121 57.5 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 47.865 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

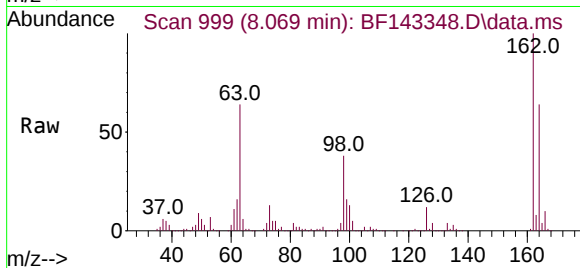
Tgt Ion: 93 Resp: 608760
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 11.4 9.4 14.2



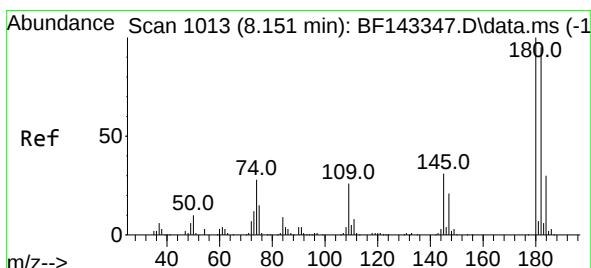
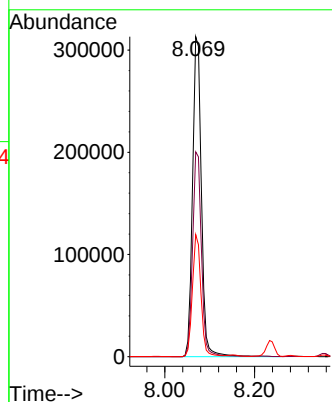
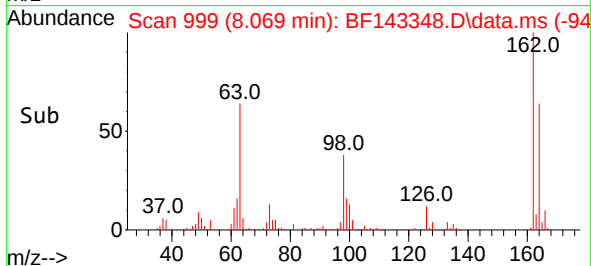


#29
2,4-Dichlorophenol
Concen: 50.485 ng
RT: 8.069 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

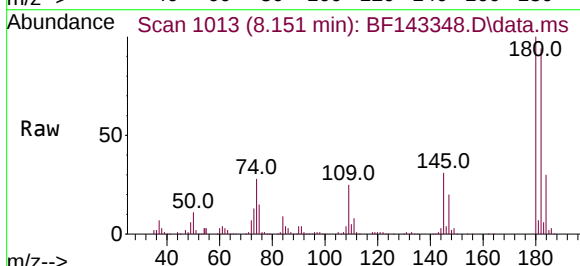
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



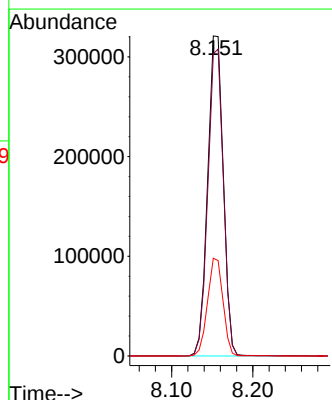
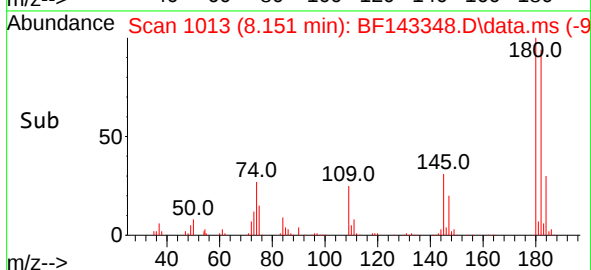
Tgt Ion:162 Resp: 428530
Ion Ratio Lower Upper
162 100
164 64.0 44.5 84.5
98 38.1 17.7 57.7

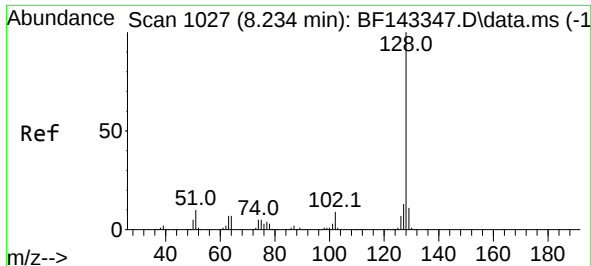


#30
1,2,4-Trichlorobenzene
Concen: 47.795 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37



Tgt Ion:180 Resp: 427946
Ion Ratio Lower Upper
180 100
182 94.5 76.1 114.1
145 30.6 24.9 37.3

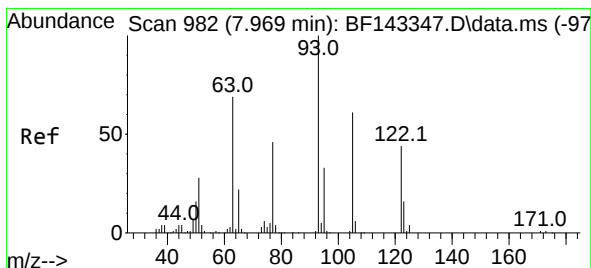
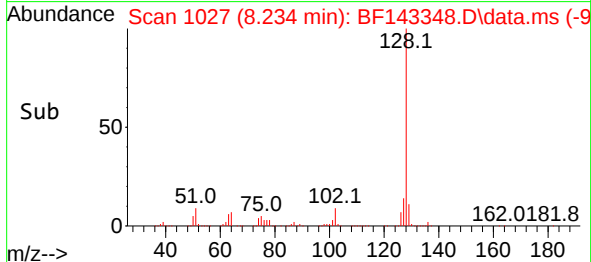
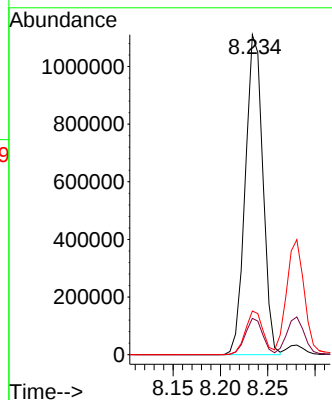
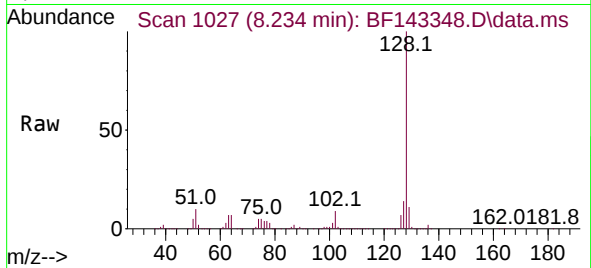




#31
Naphthalene
Concen: 46.809 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

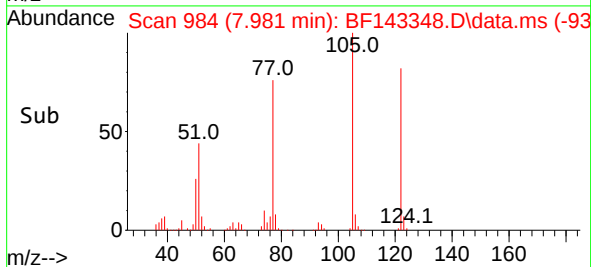
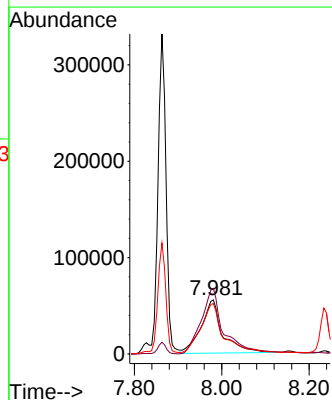
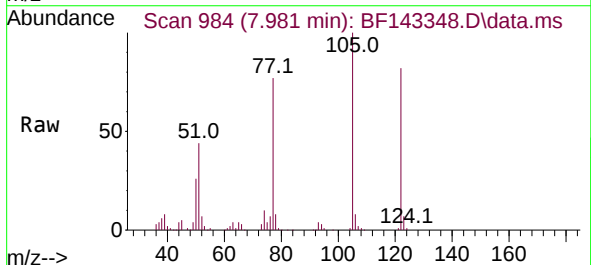
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

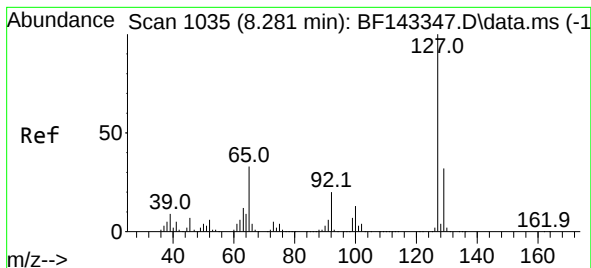
Tgt Ion:128 Resp: 1431280
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 49.943 ng
RT: 7.981 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:122 Resp: 191072
Ion Ratio Lower Upper
122 100
105 121.5 106.4 146.4
77 93.2 79.2 119.2





#33

4-Chloroaniline

Concen: 48.171 ng

RT: 8.281 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 531257

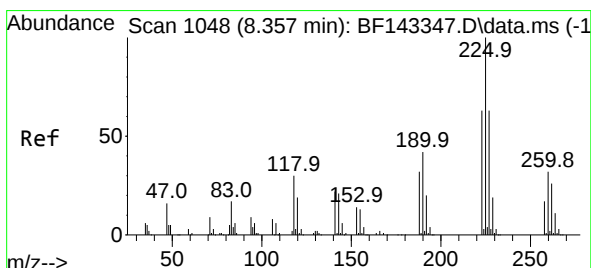
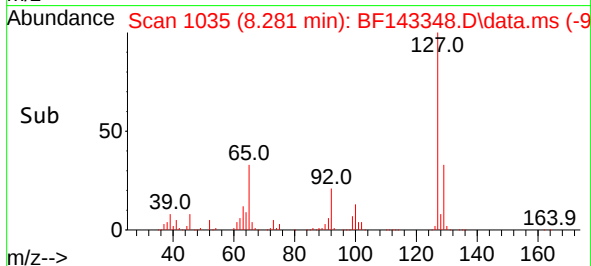
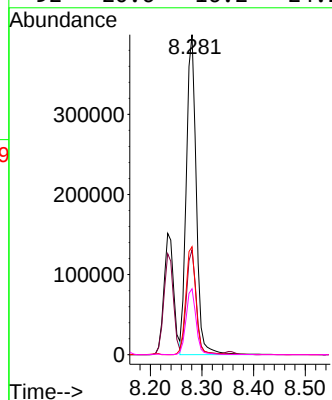
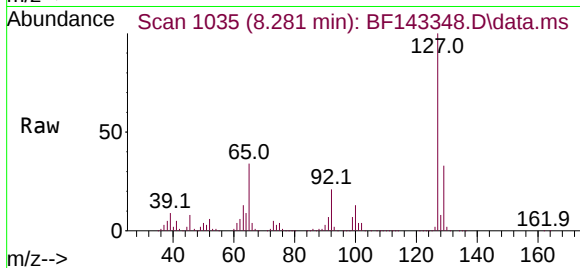
Ion Ratio Lower Upper

127 100

129 32.8 26.0 39.0

65 33.7 27.0 40.4

92 20.6 16.2 24.2



#34

Hexachlorobutadiene

Concen: 47.488 ng

RT: 8.357 min Scan# 1048

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

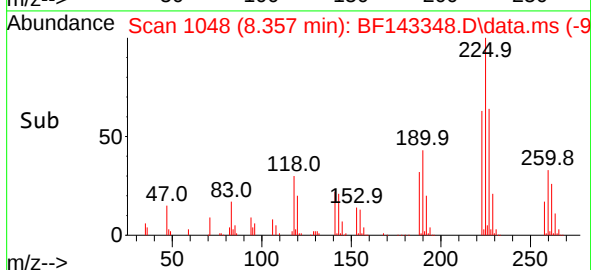
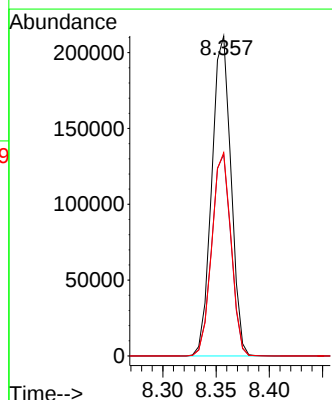
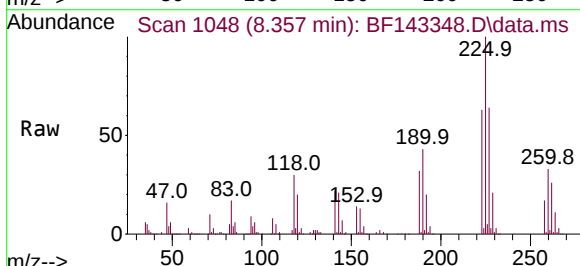
Tgt Ion:225 Resp: 264501

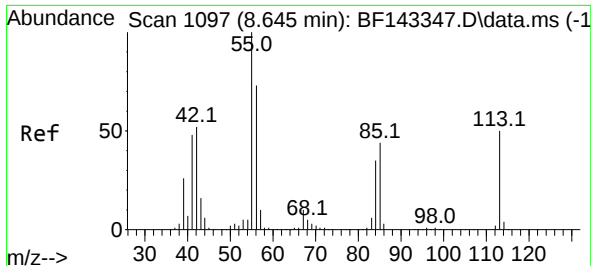
Ion Ratio Lower Upper

225 100

223 63.0 50.1 75.1

227 63.6 50.6 75.8

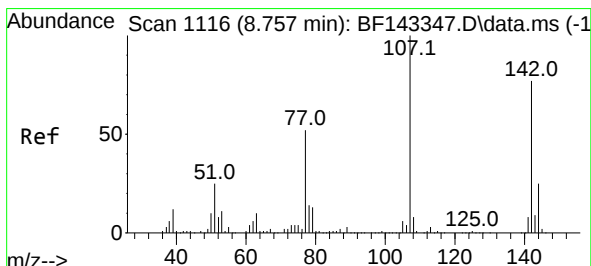
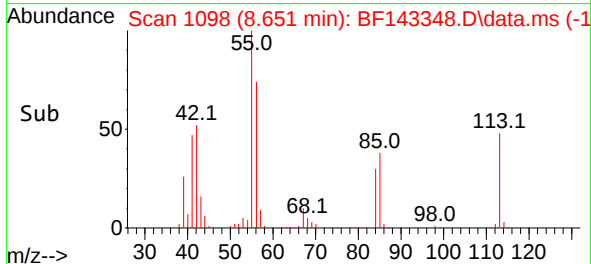
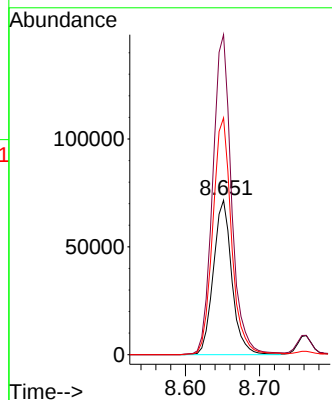
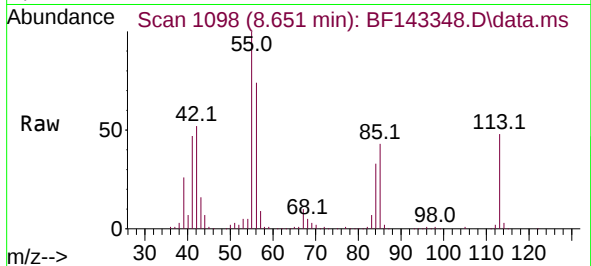




#35
Caprolactam
Concen: 51.952 ng
RT: 8.651 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

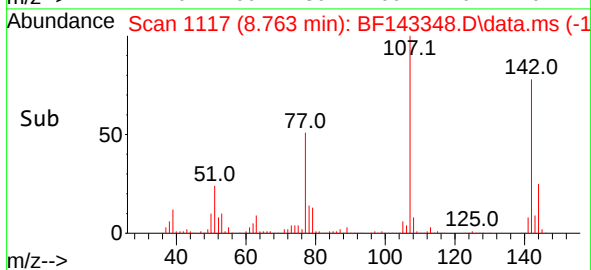
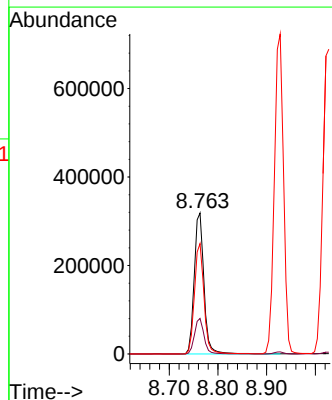
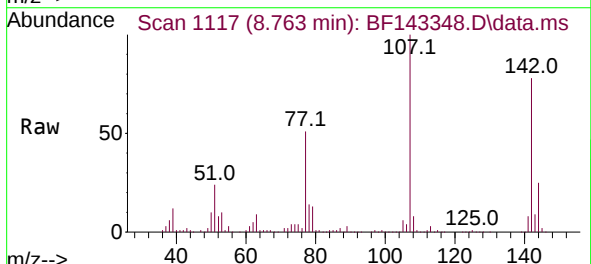
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

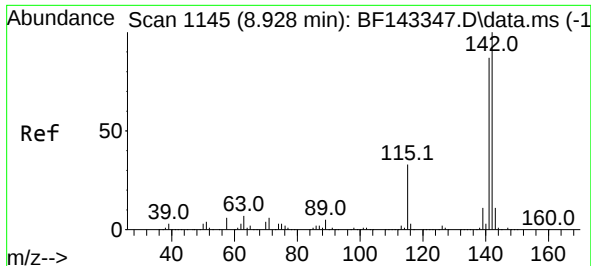
Tgt Ion:113 Resp: 123969
Ion Ratio Lower Upper
113 100
55 207.2 181.4 221.4
56 153.3 127.3 167.3



#36
4-Chloro-3-methylphenol
Concen: 49.741 ng
RT: 8.763 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:107 Resp: 442622
Ion Ratio Lower Upper
107 100
144 25.2 20.0 30.0
142 78.4 61.3 91.9





#37

2-Methylnaphthalene

Concen: 46.712 ng

RT: 8.928 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

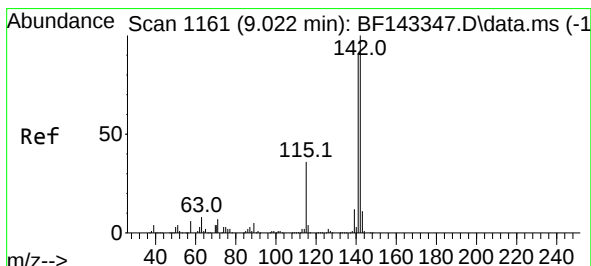
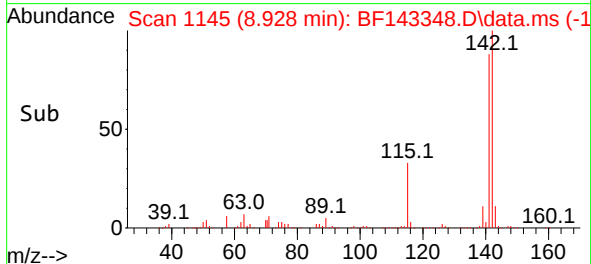
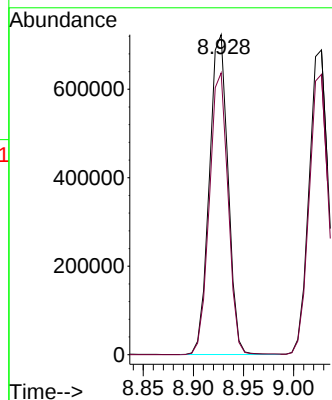
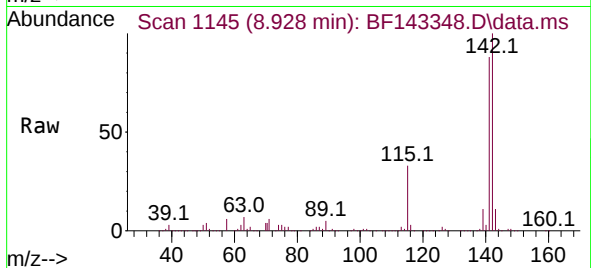
SSTDICC050

Tgt Ion:142 Resp: 938982

Ion Ratio Lower Upper

142 100

141 88.0 69.8 104.8



#38

1-Methylnaphthalene

Concen: 46.606 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF143348.D

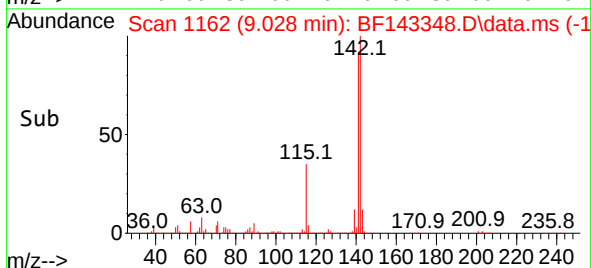
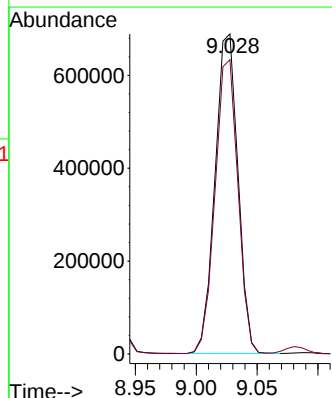
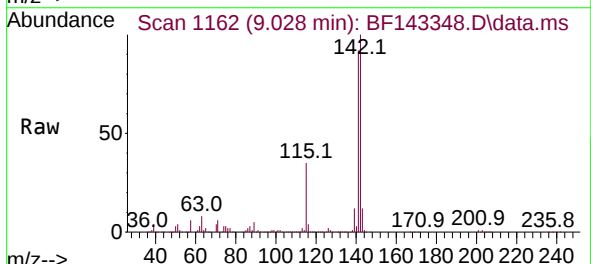
Acq: 12 Aug 2025 11:37

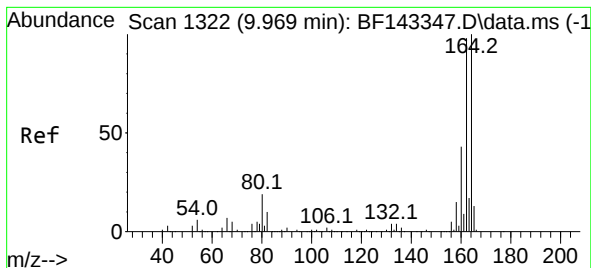
Tgt Ion:142 Resp: 902313

Ion Ratio Lower Upper

142 100

141 91.9 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: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

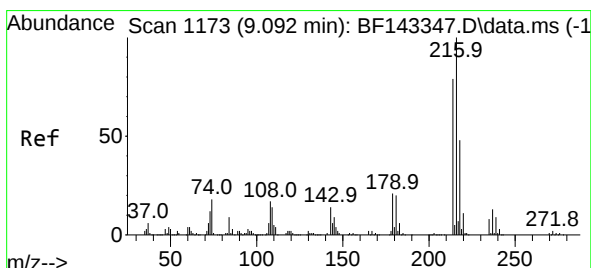
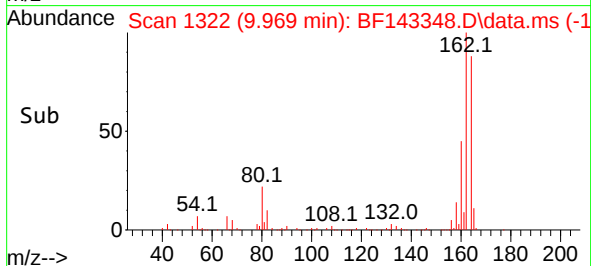
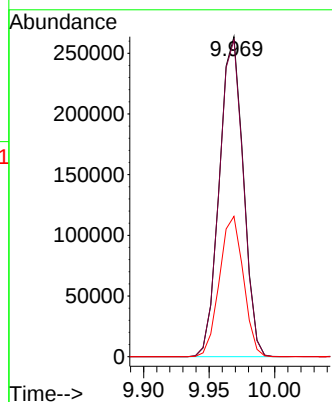
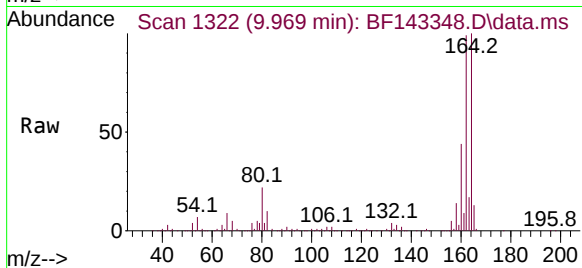
Tgt Ion:164 Resp: 333763

Ion Ratio Lower Upper

164 100

162 98.9 78.6 118.0

160 43.8 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.877 ng

RT: 9.092 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Tgt Ion:216 Resp: 437268

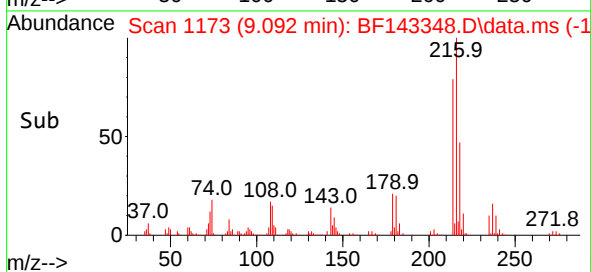
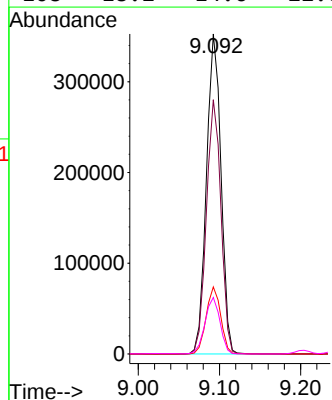
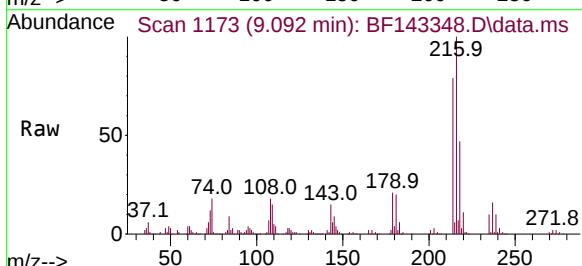
Ion Ratio Lower Upper

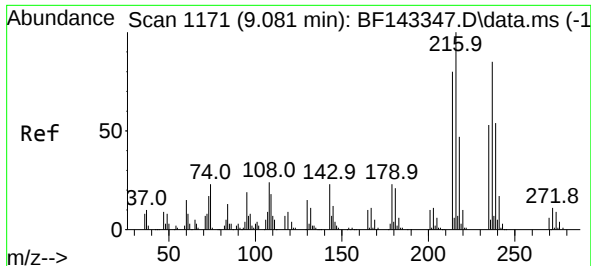
216 100

214 79.5 63.0 94.4

179 20.9 17.0 25.4

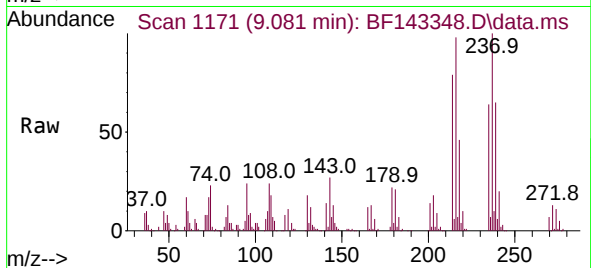
108 18.2 14.6 22.0



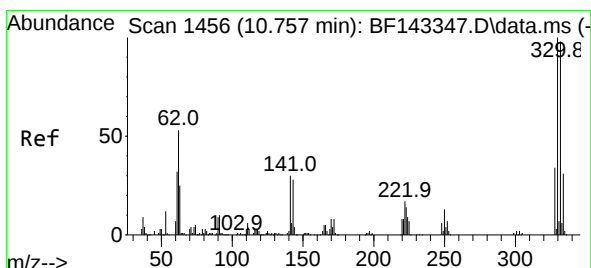
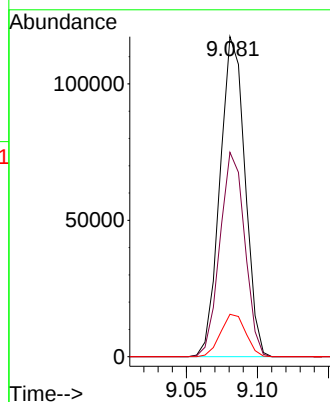
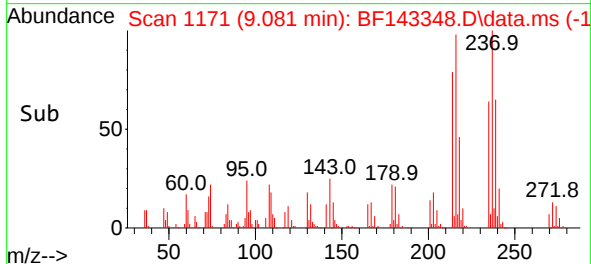


#41
Hexachlorocyclopentadiene
Concen: 47.474 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

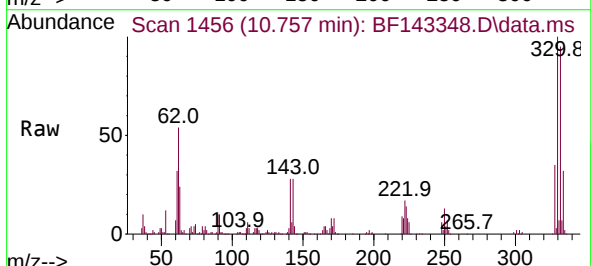
Instrument :
BNA_F
ClientSampleId :
SSTDIC050



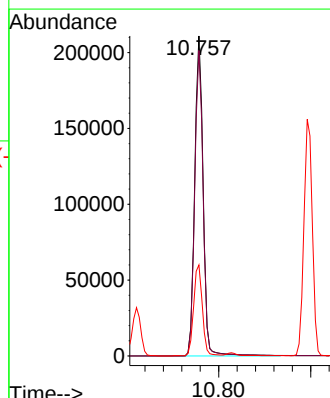
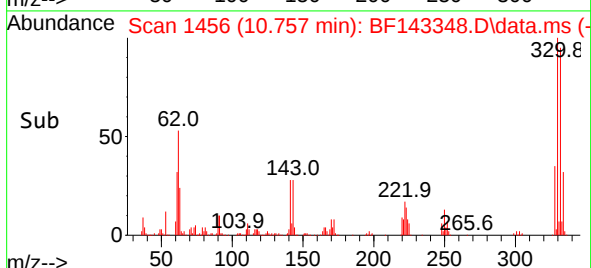
Tgt Ion:237 Resp: 143487
Ion Ratio Lower Upper
237 100
235 63.8 42.0 82.0
272 13.3 0.0 32.6

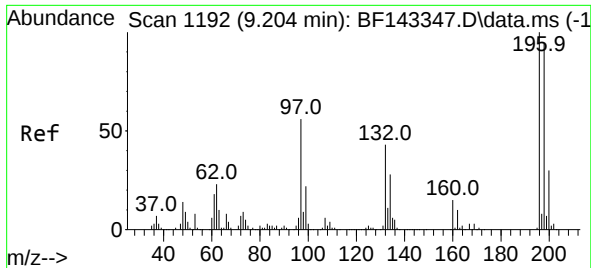


#42
2,4,6-Tribromophenol
Concen: 109.378 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37



Tgt Ion:330 Resp: 266796
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 29.6 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 52.773 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

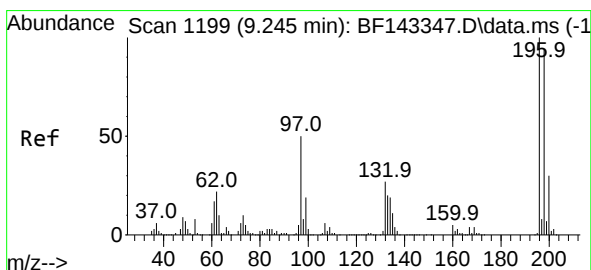
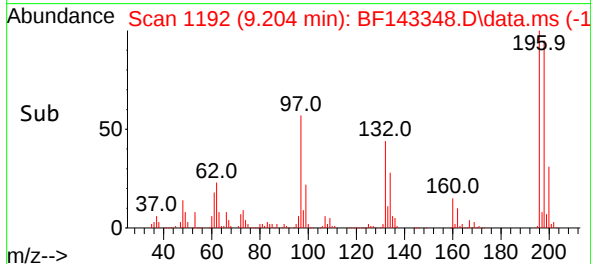
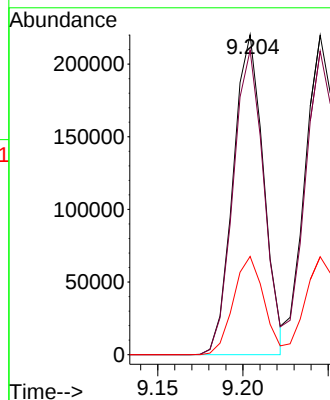
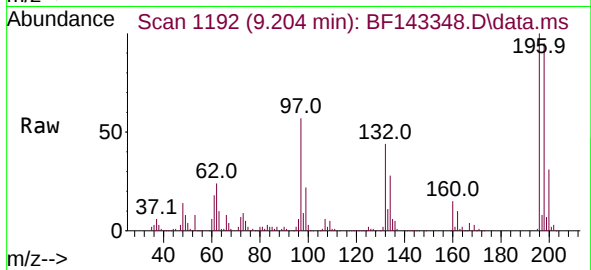
Tgt Ion:196 Resp: 273471

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.0

200 30.7 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 51.948 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Tgt Ion:196 Resp: 303993

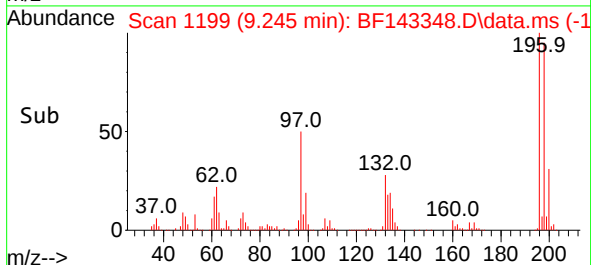
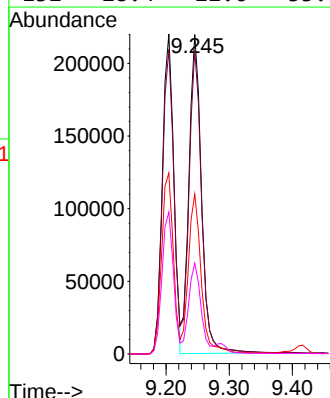
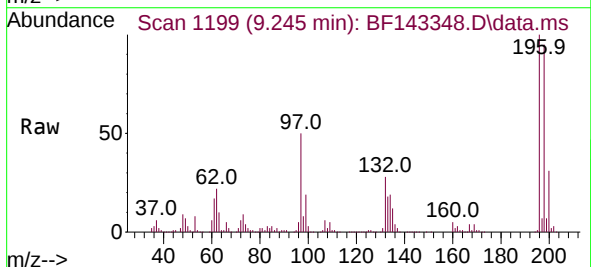
Ion Ratio Lower Upper

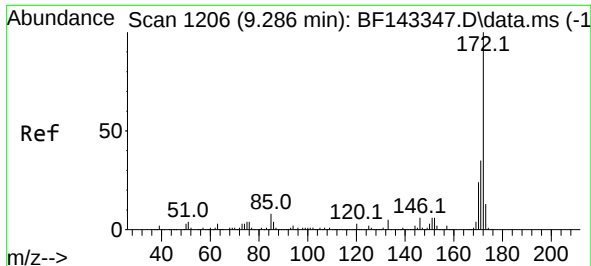
196 100

198 95.1 75.4 113.2

97 50.0 39.9 59.9

132 28.4 22.6 33.8

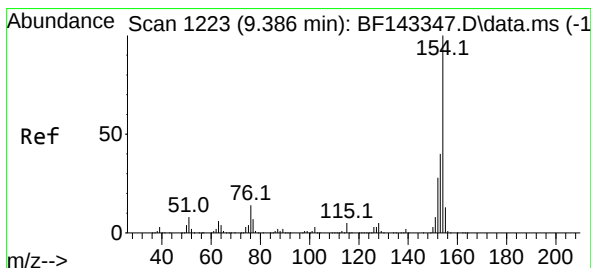
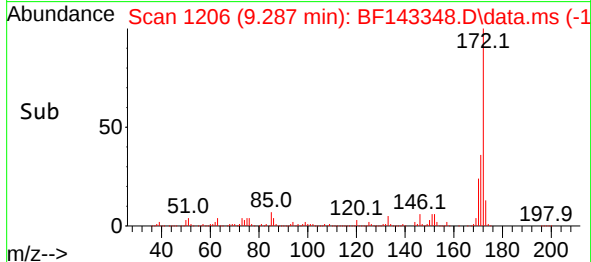
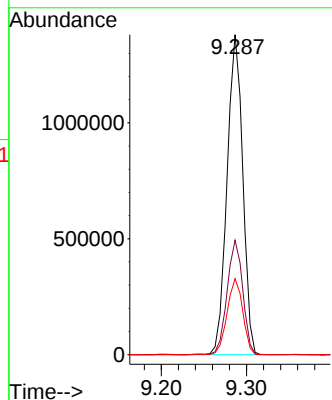
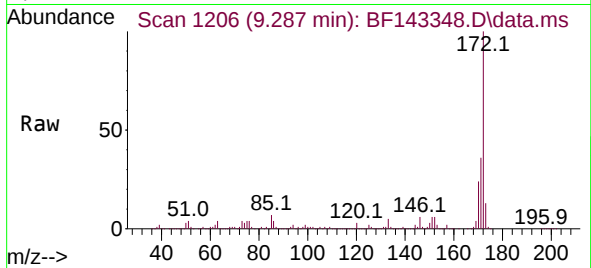




#45
2-Fluorobiphenyl
Concen: 89.893 ng
RT: 9.287 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

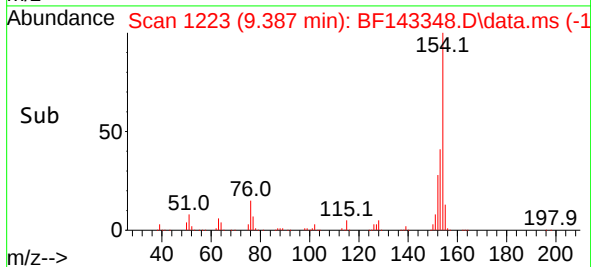
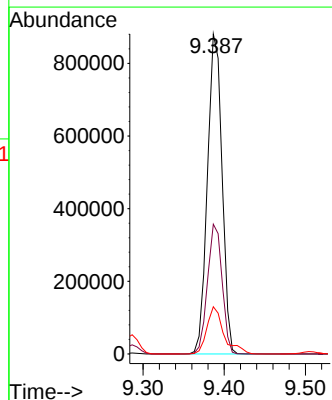
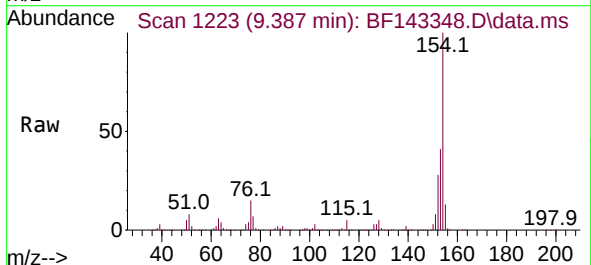
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

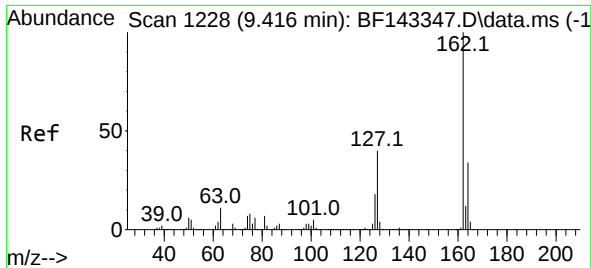
Tgt Ion:172 Resp: 1769302
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 46.558 ng
RT: 9.387 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:154 Resp: 1098727
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 14.8 0.0 34.4

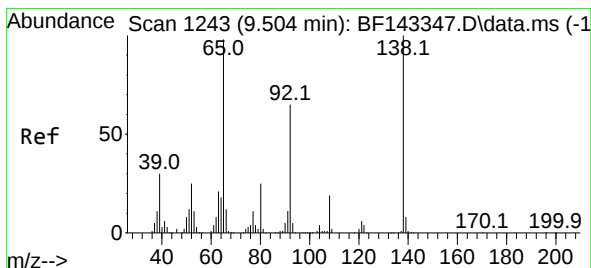
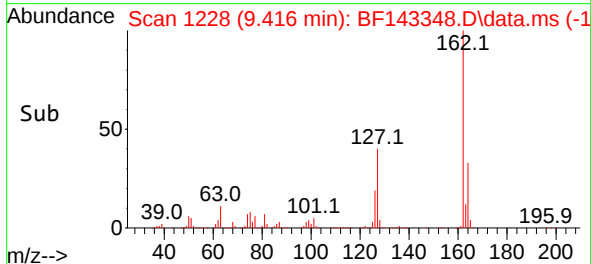
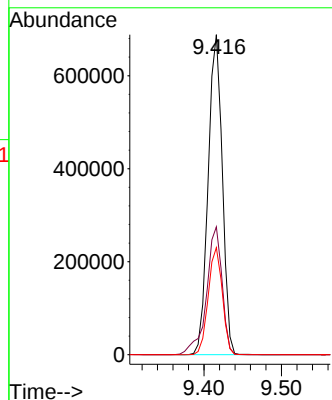
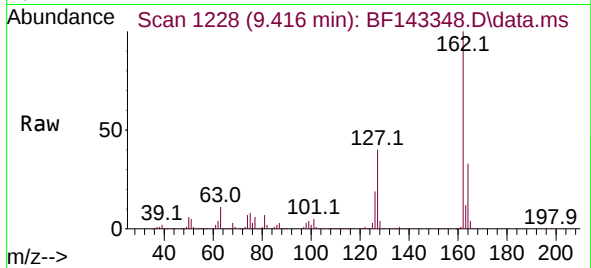




#47
2-Chloronaphthalene
Concen: 46.944 ng
RT: 9.416 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

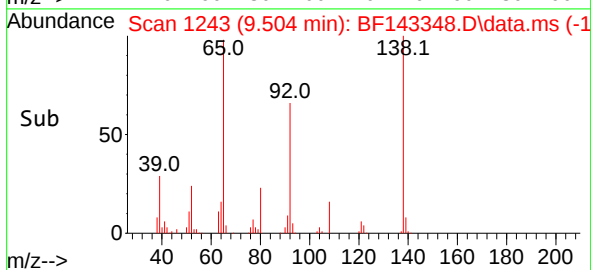
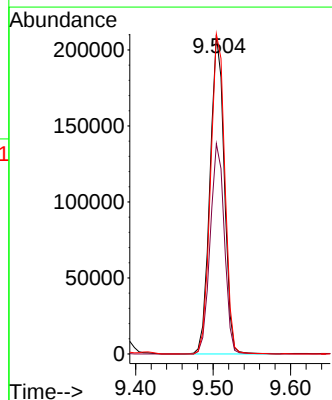
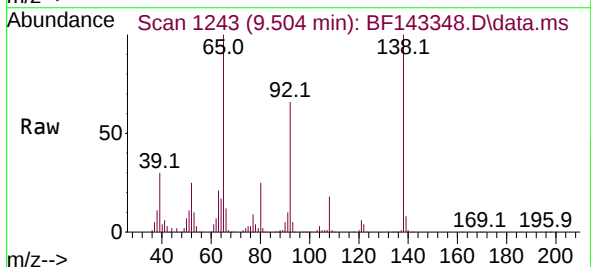
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

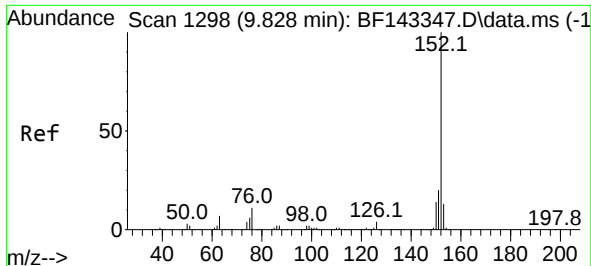
Tgt Ion:162 Resp: 872497
Ion Ratio Lower Upper
162 100
127 39.9 32.1 48.1
164 33.5 27.0 40.4



#48
2-Nitroaniline
Concen: 49.816 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 65 Resp: 267630
Ion Ratio Lower Upper
65 100
92 66.0 53.1 79.7
138 100.4 81.4 122.0

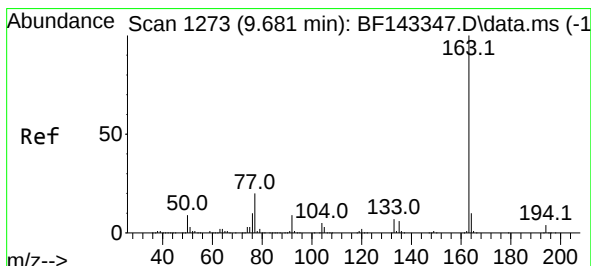
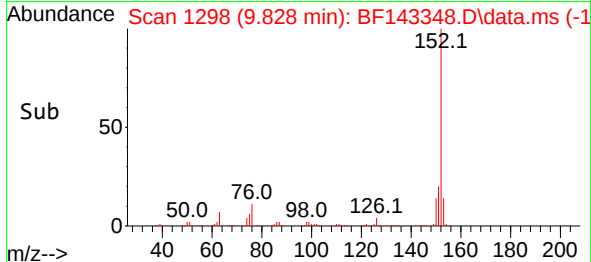
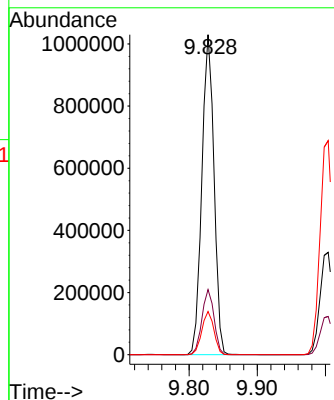
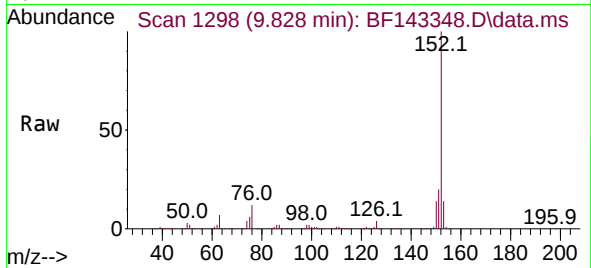




#49
Acenaphthylene
Concen: 47.424 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

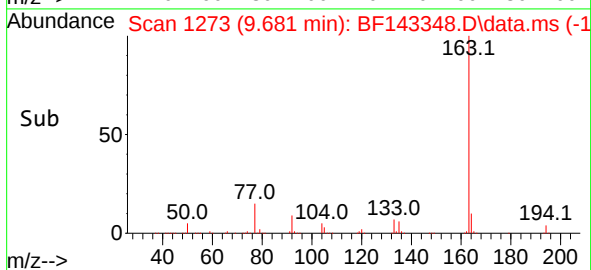
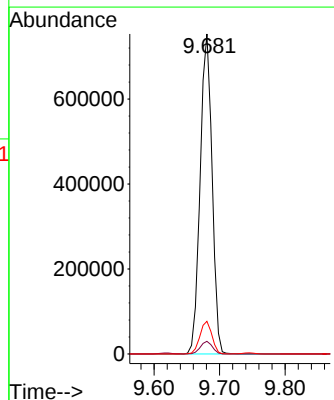
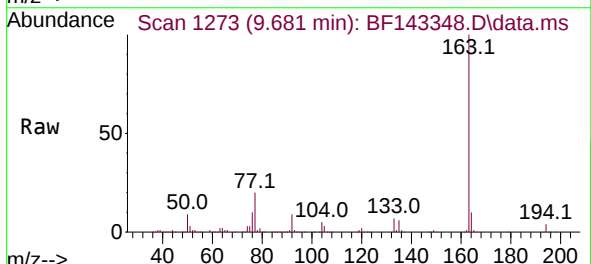
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

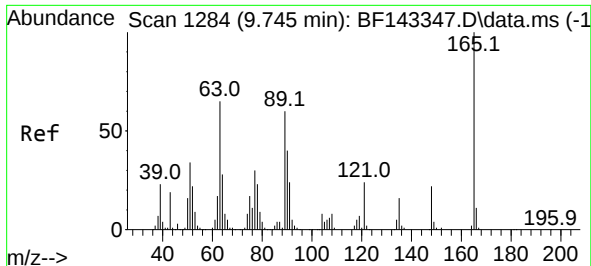
Tgt Ion:152 Resp: 1272878
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.5 10.6 16.0



#50
Dimethylphthalate
Concen: 48.946 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:163 Resp: 954560
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 49.400 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

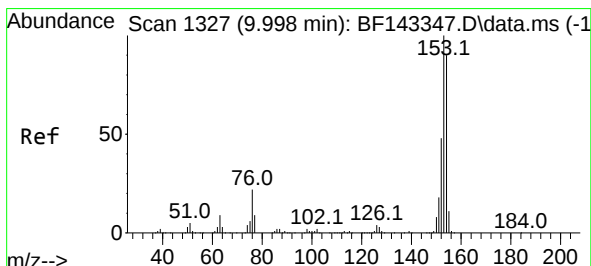
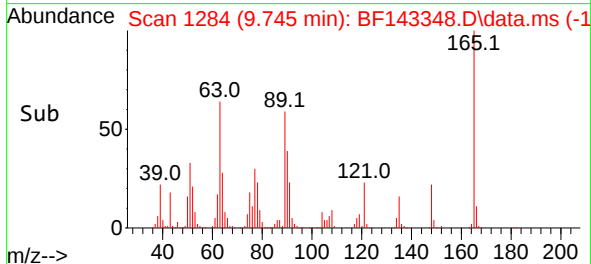
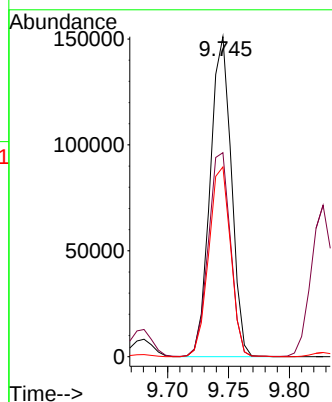
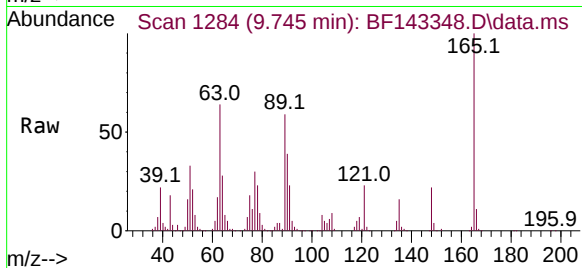
Tgt Ion:165 Resp: 182648

Ion Ratio Lower Upper

165 100

63 63.7 51.6 77.4

89 59.3 47.7 71.5



#52

Acenaphthene

Concen: 47.334 ng

RT: 10.004 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

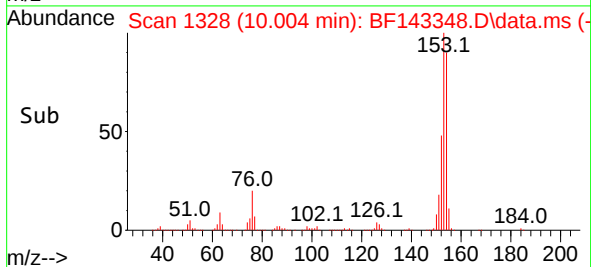
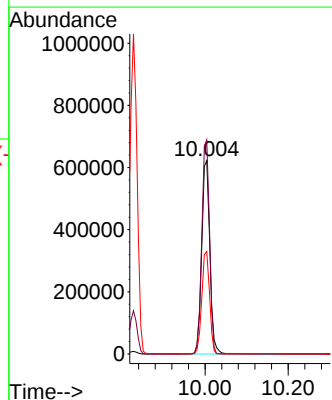
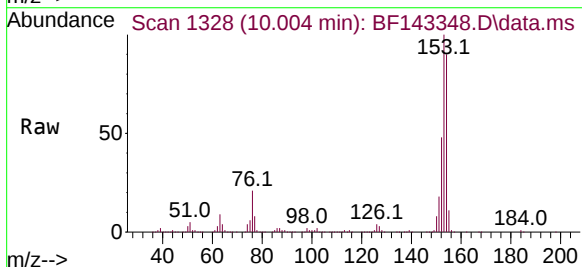
Tgt Ion:154 Resp: 844612

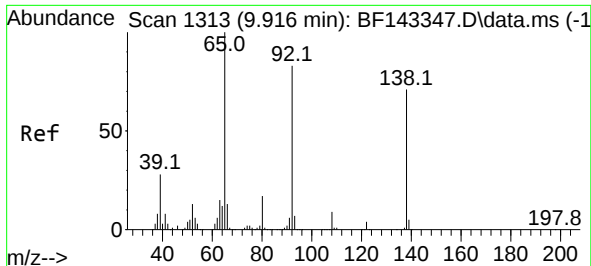
Ion Ratio Lower Upper

154 100

153 110.7 88.5 132.7

152 53.0 42.4 63.6

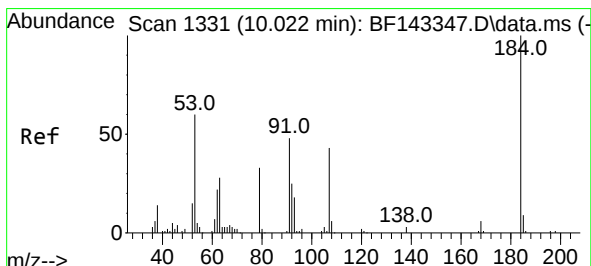
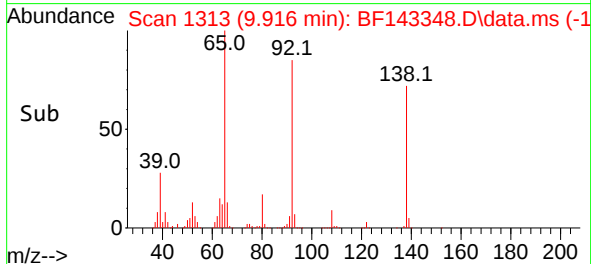
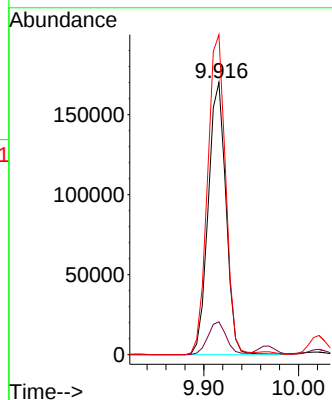
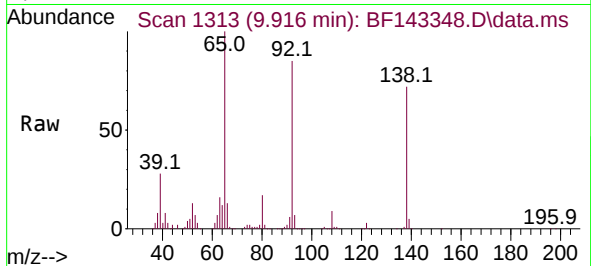




#53
3-Nitroaniline
Concen: 55.316 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

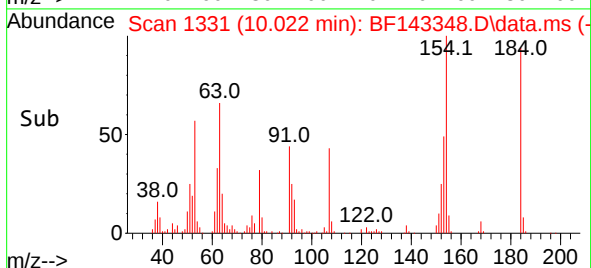
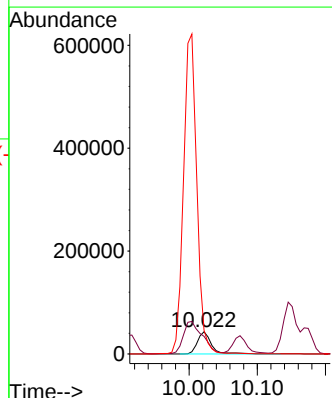
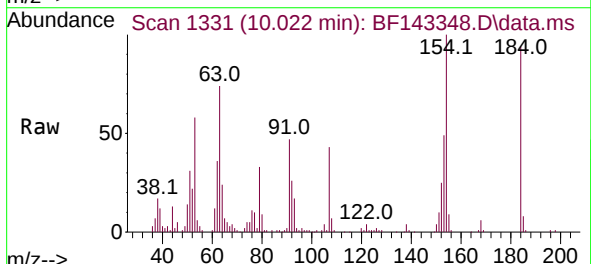
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

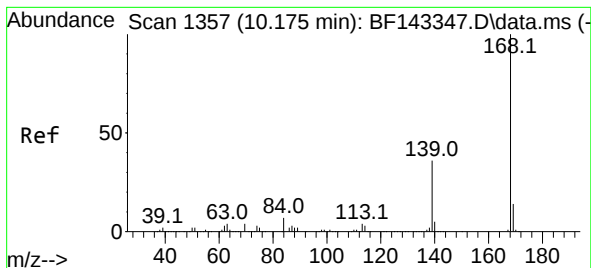
Tgt Ion:138 Resp: 220926
Ion Ratio Lower Upper
138 100
108 12.0 9.6 14.4
92 117.5 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 49.460 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:184 Resp: 61169
Ion Ratio Lower Upper
184 100
63 79.2 62.5 93.7
154 106.6 73.0 109.4

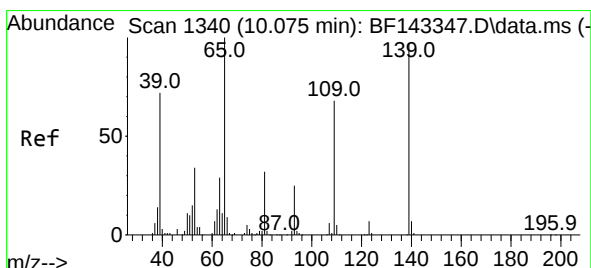
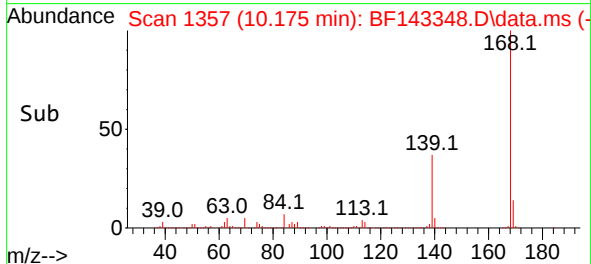
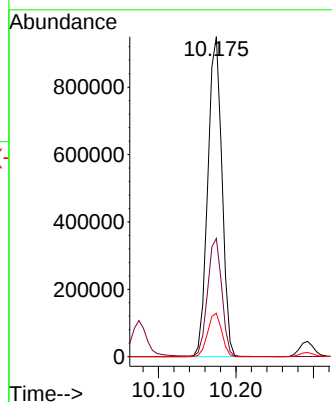
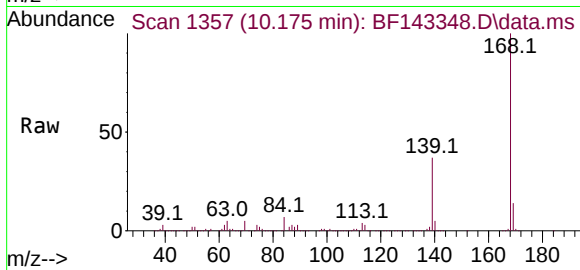




#55
Dibenzofuran
Concen: 46.725 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

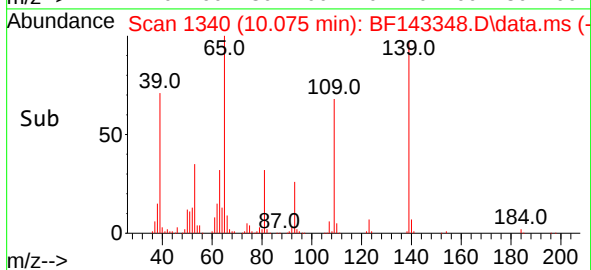
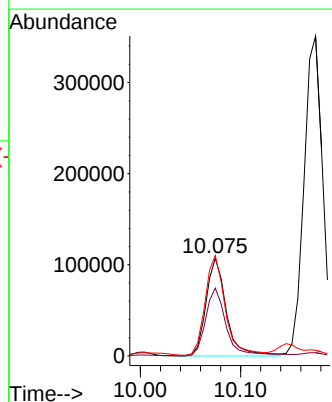
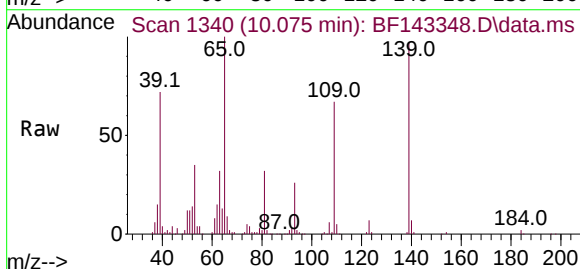
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

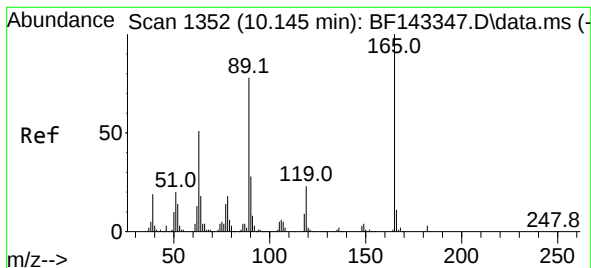
Tgt Ion:168 Resp: 1199947
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 49.286 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:139 Resp: 150114
Ion Ratio Lower Upper
139 100
109 69.4 49.4 89.4
65 102.9 83.7 123.7

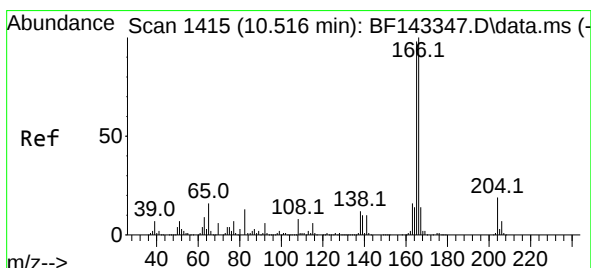
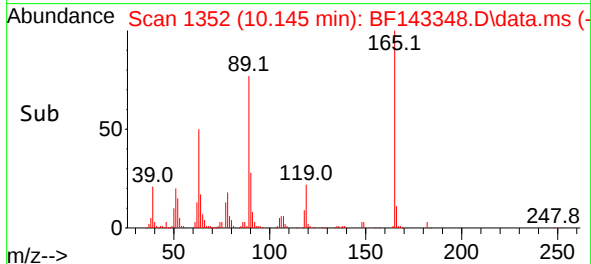
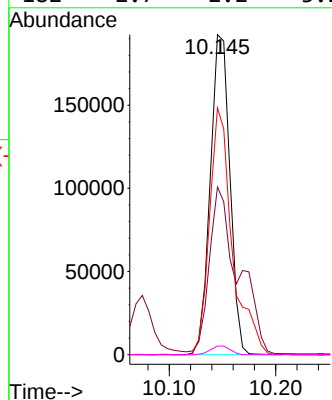
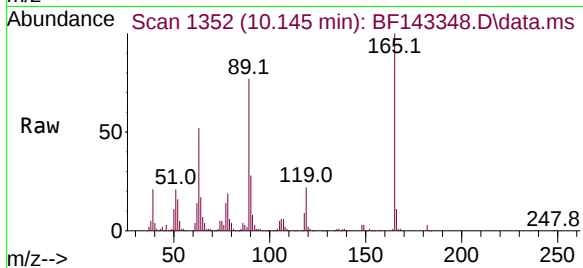




#57
2,4-Dinitrotoluene
Concen: 50.215 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

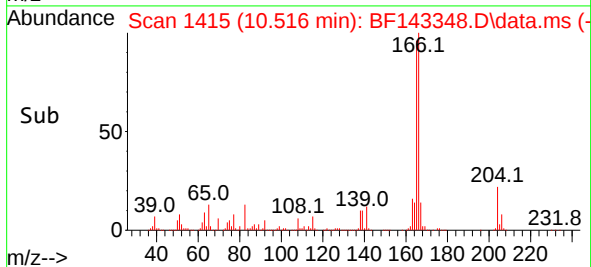
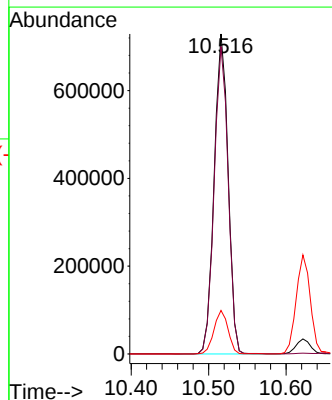
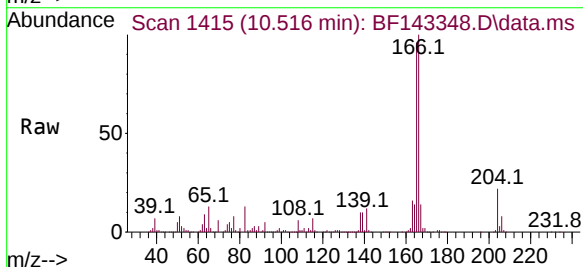
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

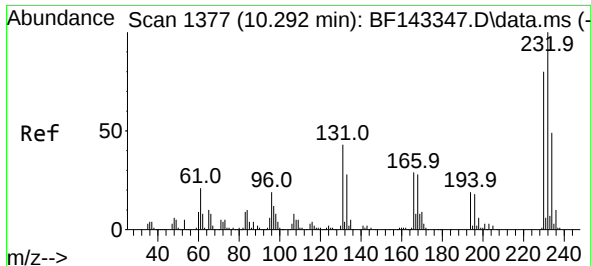
Tgt Ion:165 Resp: 246635
Ion Ratio Lower Upper
165 100
63 52.4 41.8 62.8
89 77.1 62.4 93.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 46.411 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:166 Resp: 910380
Ion Ratio Lower Upper
166 100
165 96.1 78.2 117.4
167 13.6 10.9 16.3

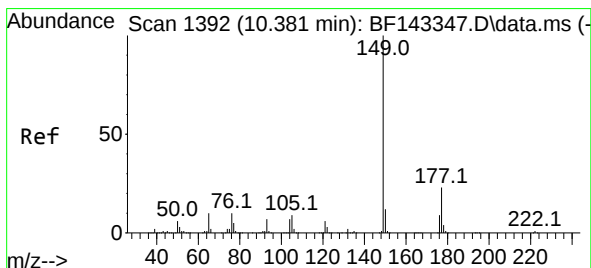
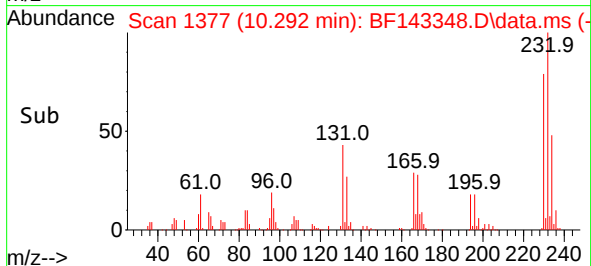
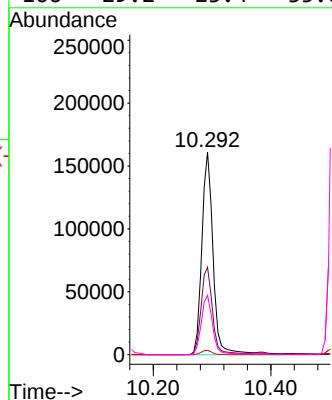
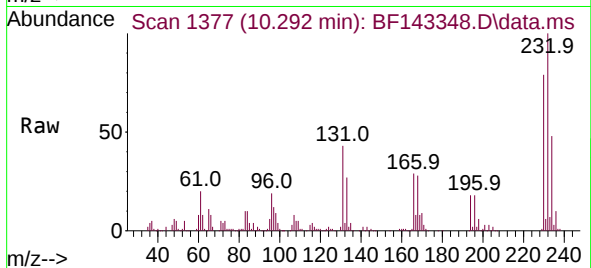




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.543 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

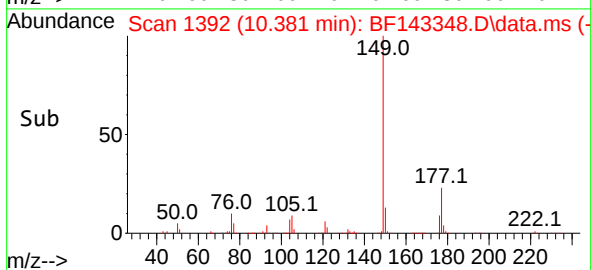
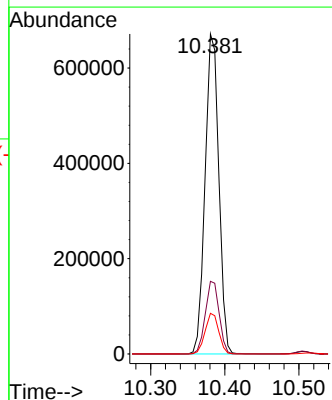
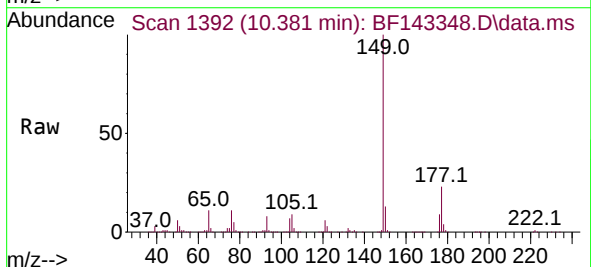
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

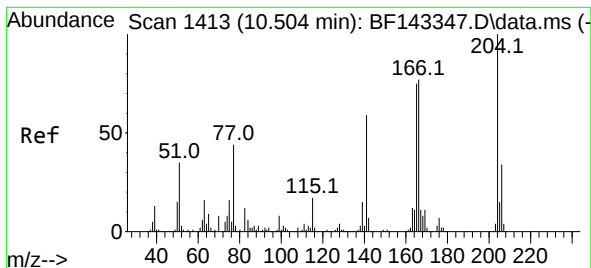
Tgt Ion:232 Resp: 215158
Ion Ratio Lower Upper
232 100
131 43.7 34.6 51.8
130 2.1 1.7 2.5
166 29.2 23.4 35.0



#60
Diethylphthalate
Concen: 49.540 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:149 Resp: 865395
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.7 9.9 14.9

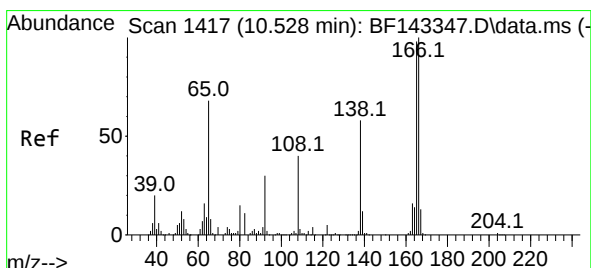
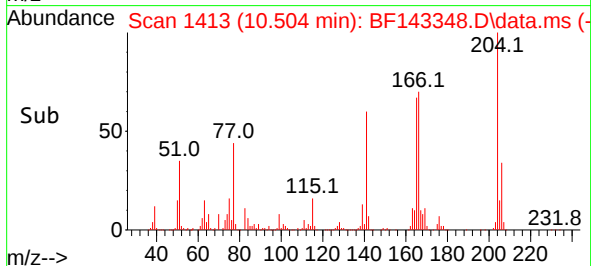
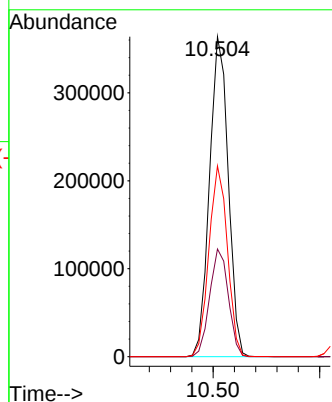
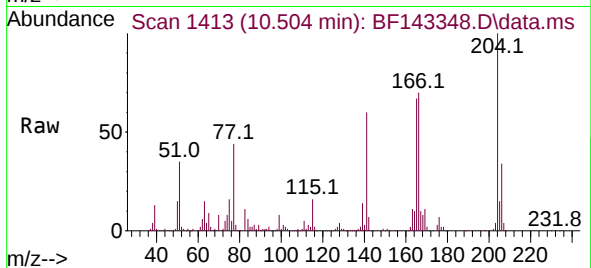




#61
4-Chlorophenyl-phenylether
Concen: 46.885 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

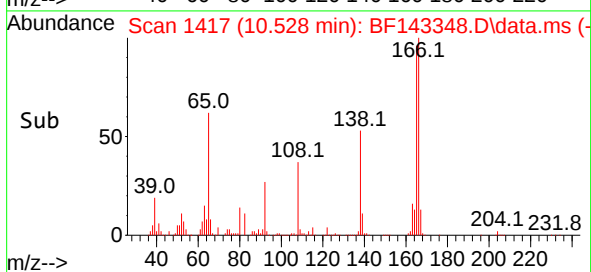
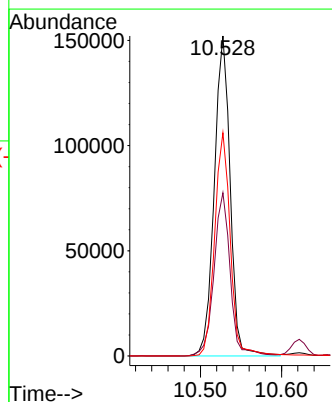
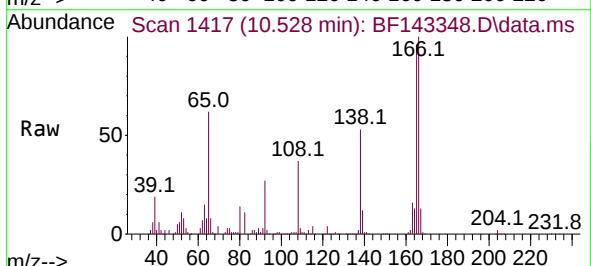
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

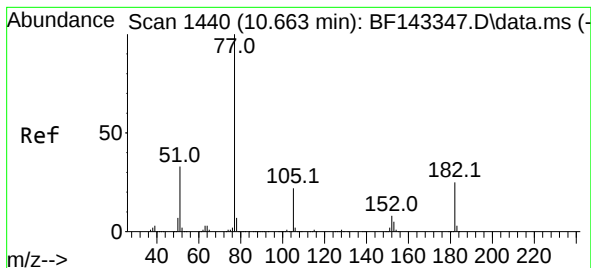
Tgt Ion:204 Resp: 444383
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 59.6 46.9 70.3



#62
4-Nitroaniline
Concen: 53.618 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:138 Resp: 207188
Ion Ratio Lower Upper
138 100
92 51.0 31.2 71.2
108 69.7 48.1 88.1





#63

Azobenzene

Concen: 47.978 ng

RT: 10.663 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 957306

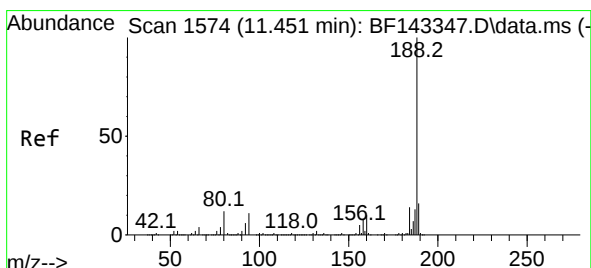
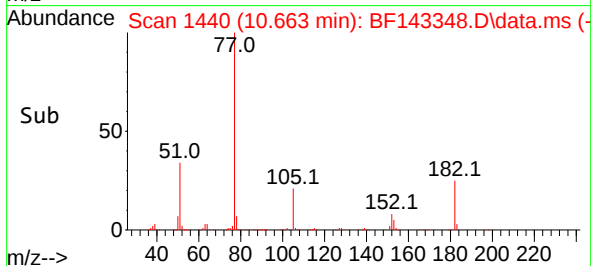
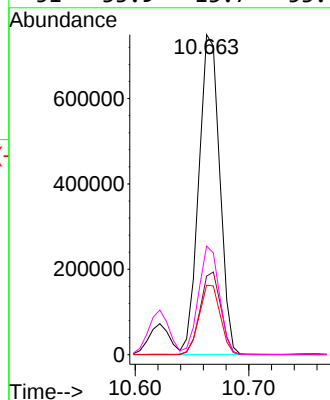
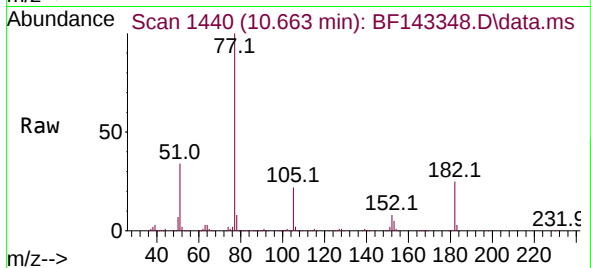
Ion Ratio Lower Upper

77 100

182 24.6 4.4 44.4

105 21.7 1.8 41.8

51 33.9 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: BF143348.D

Acq: 12 Aug 2025 11:37

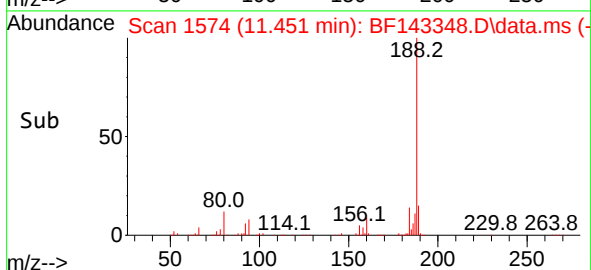
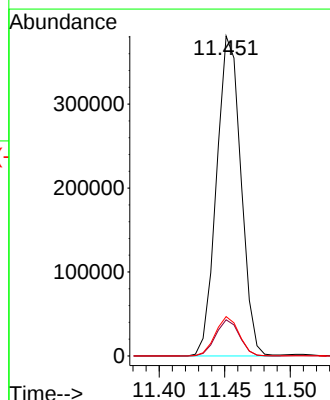
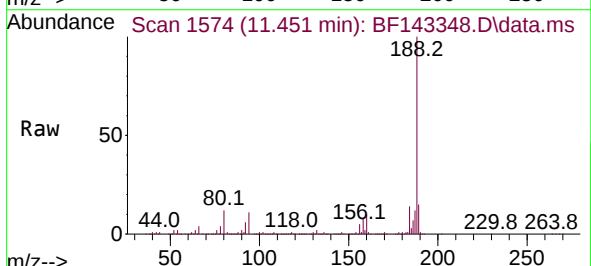
Tgt Ion: 188 Resp: 492512

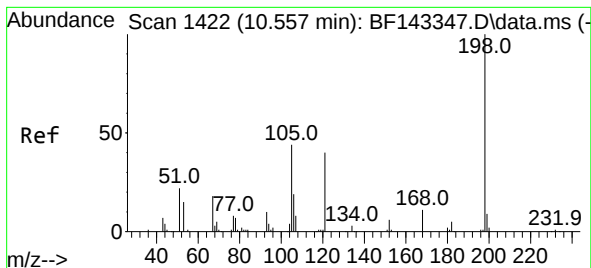
Ion Ratio Lower Upper

188 100

94 11.3 8.8 13.2

80 12.3 9.7 14.5

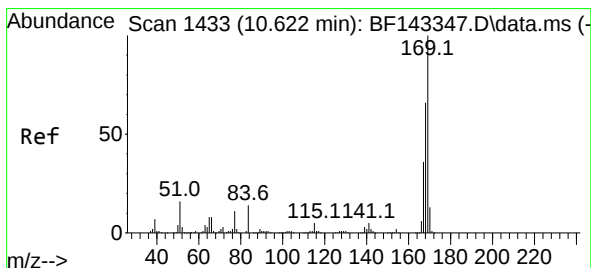
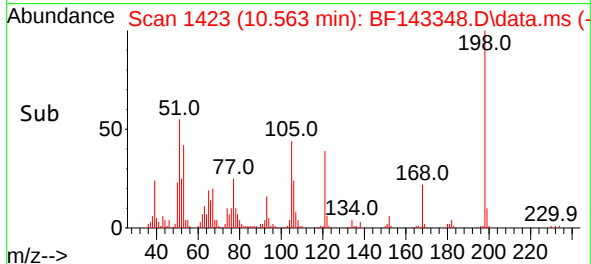
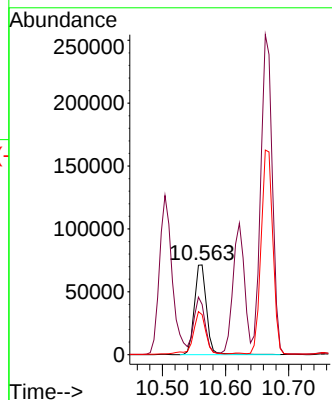
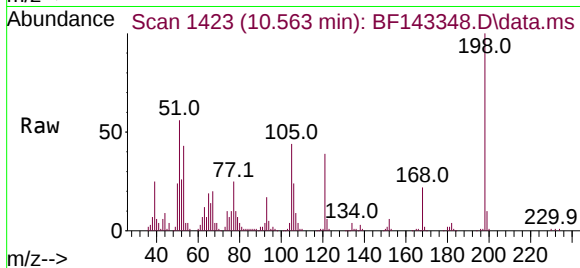




#65
4,6-Dinitro-2-methylphenol
Concen: 47.856 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

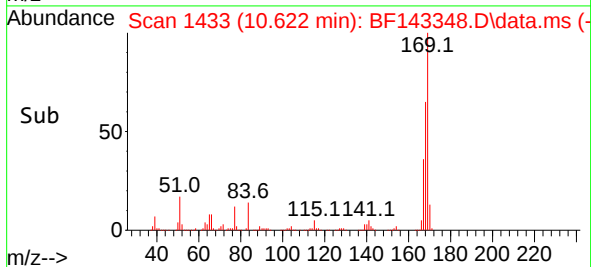
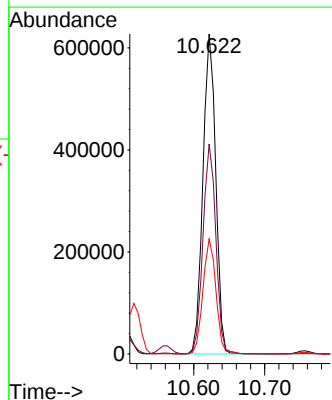
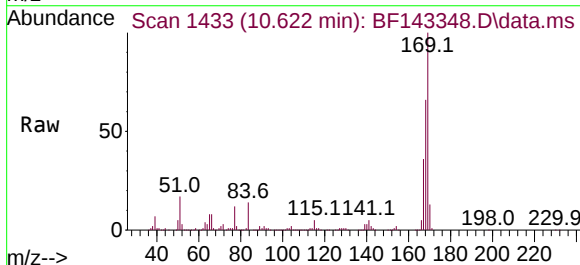
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

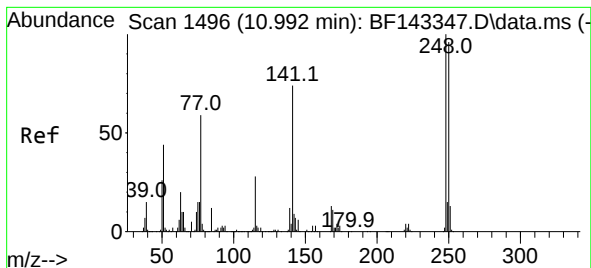
Tgt Ion:198 Resp: 95307
Ion Ratio Lower Upper
198 100
51 56.0 41.7 81.7
105 44.5 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 48.549 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:169 Resp: 787342
Ion Ratio Lower Upper
169 100
168 65.6 52.7 79.1
167 36.0 28.6 42.8

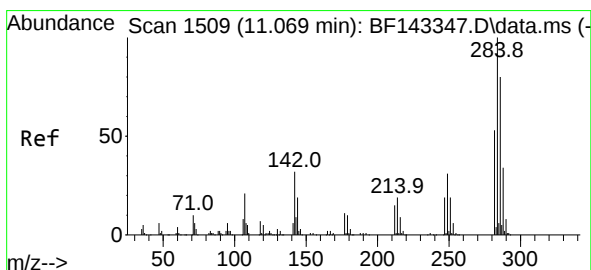
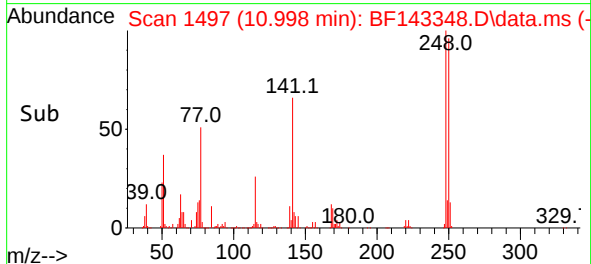
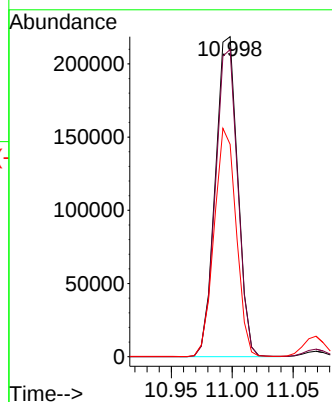
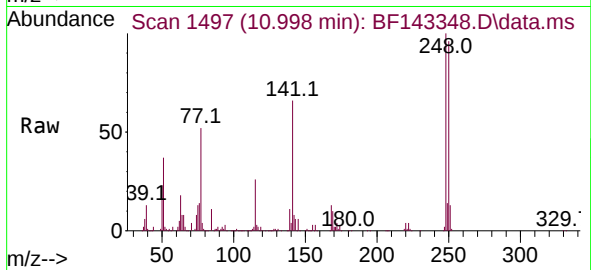




#67
4-Bromophenyl-phenylether
Concen: 49.660 ng
RT: 10.998 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

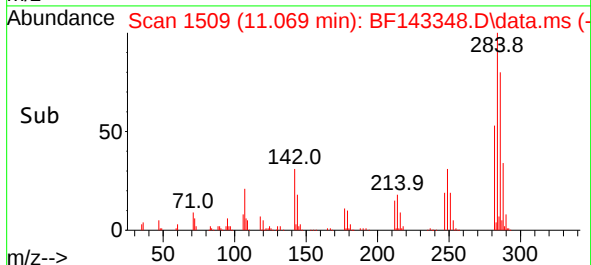
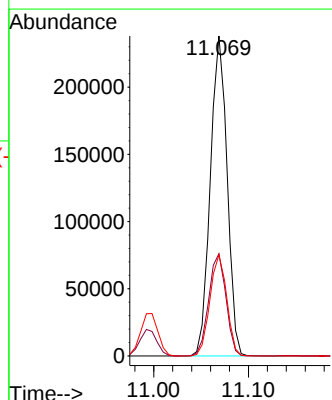
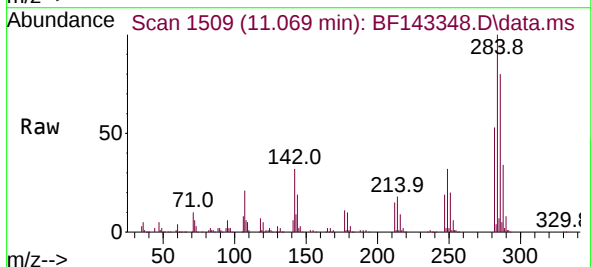
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

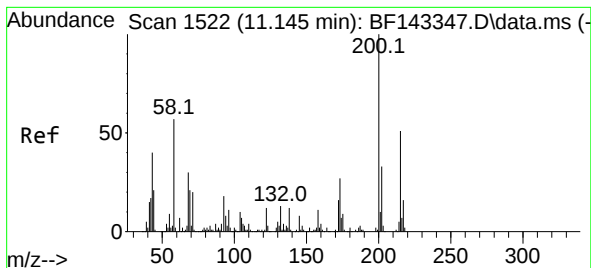
Tgt Ion:248 Resp: 279724
Ion Ratio Lower Upper
248 100
250 96.0 77.1 115.7
141 66.3 59.1 88.7



#68
Hexachlorobenzene
Concen: 48.079 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:284 Resp: 291915
Ion Ratio Lower Upper
284 100
142 32.0 25.7 38.5
249 31.6 24.6 37.0





#69

Atrazine

Concen: 52.254 ng

RT: 11.145 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

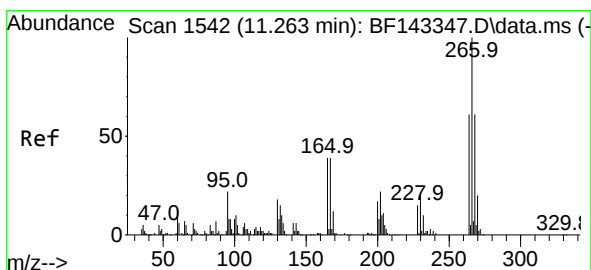
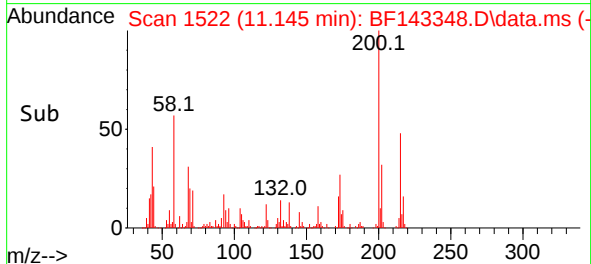
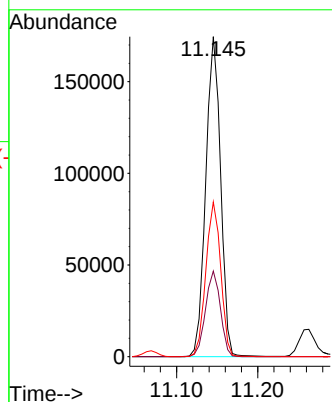
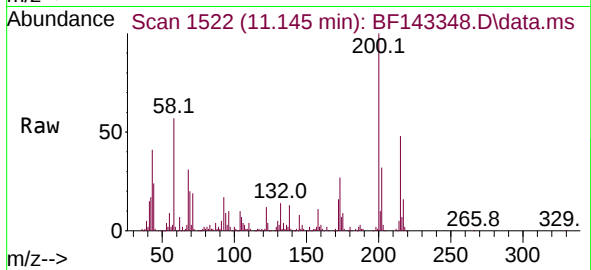
Tgt Ion:200 Resp: 221025

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 48.4 30.6 70.6



#70

Pentachlorophenol

Concen: 49.342 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

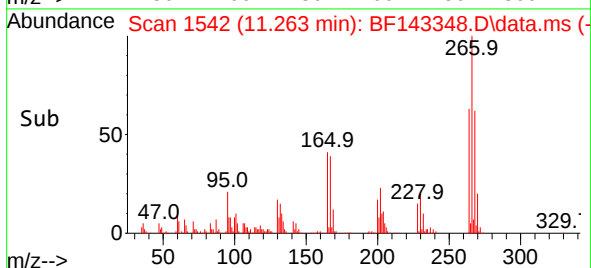
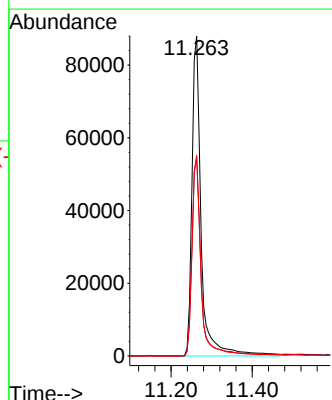
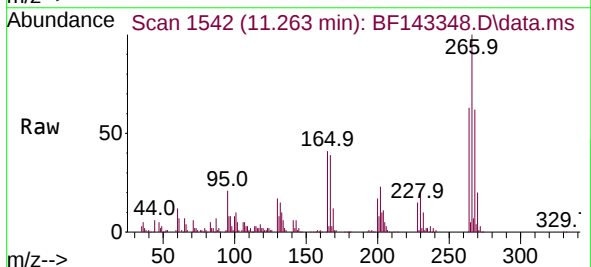
Tgt Ion:266 Resp: 139359

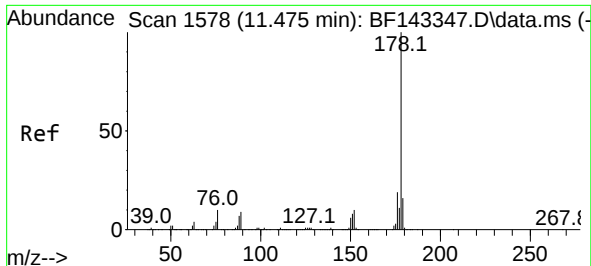
Ion Ratio Lower Upper

266 100

268 62.2 48.8 73.2

264 62.6 48.8 73.2

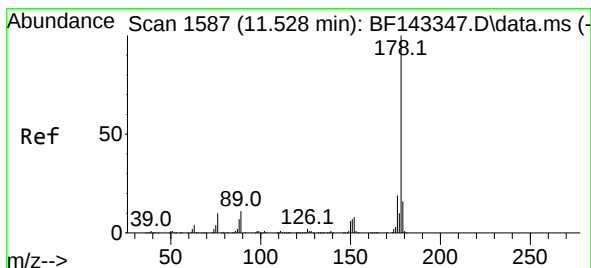
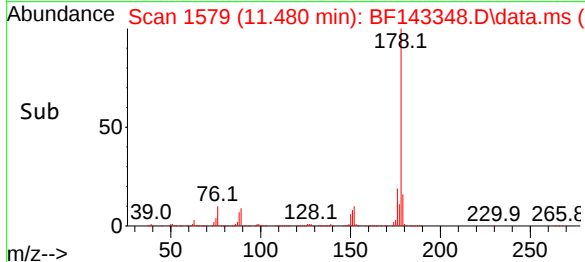
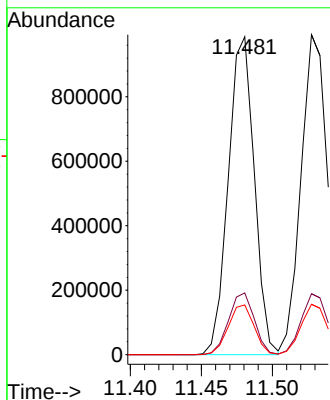
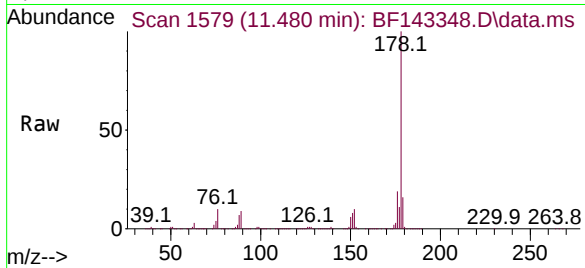




#71
Phenanthrene
Concen: 46.830 ng
RT: 11.480 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

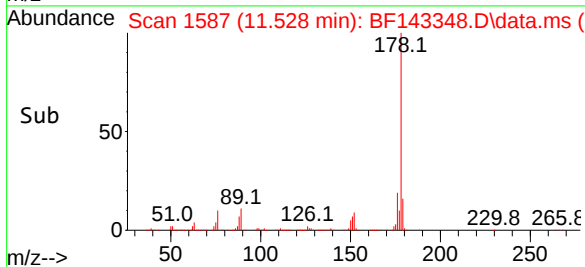
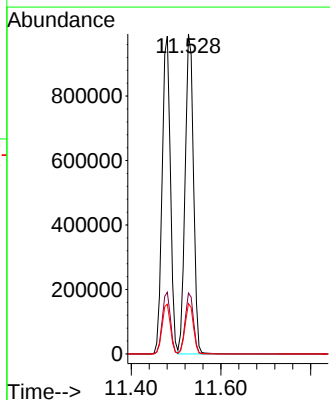
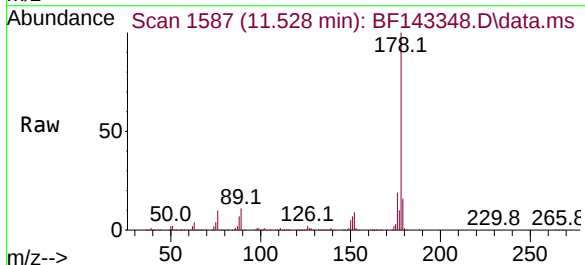
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

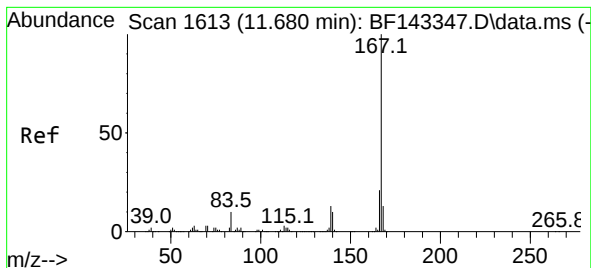
Tgt Ion:178 Resp: 1258386
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.5 18.7



#72
Anthracene
Concen: 47.123 ng
RT: 11.528 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:178 Resp: 1284165
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.8 12.7 19.1





#73

Carbazole

Concen: 46.654 ng

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

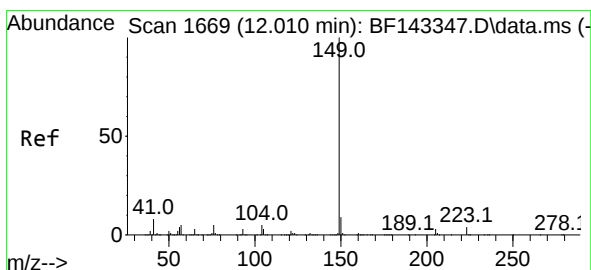
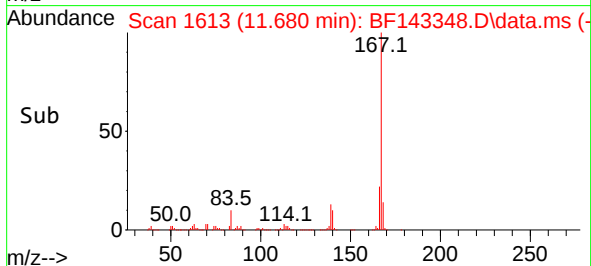
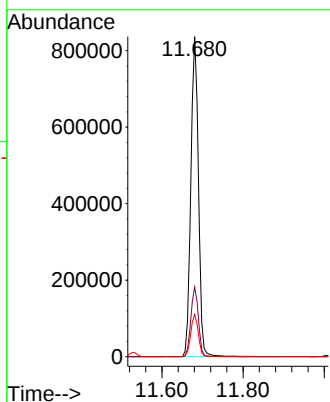
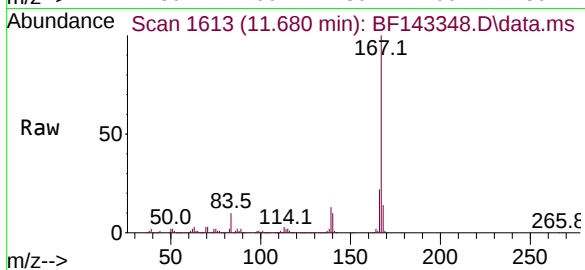
Tgt Ion:167 Resp: 1082772

Ion Ratio Lower Upper

167 100

166 21.8 16.8 25.2

139 13.2 10.2 15.2



#74

Di-n-butylphthalate

Concen: 51.345 ng

RT: 12.010 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

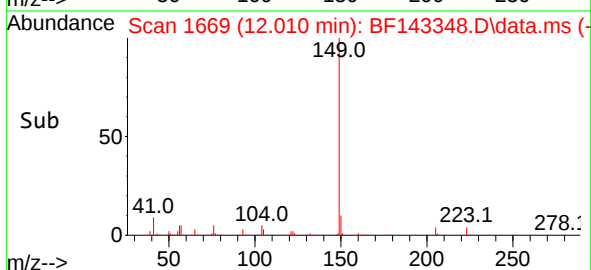
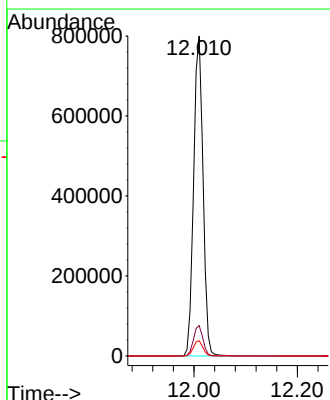
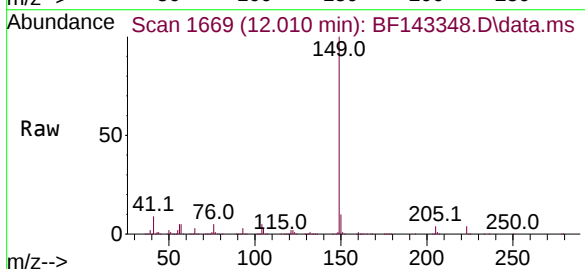
Tgt Ion:149 Resp: 1008389

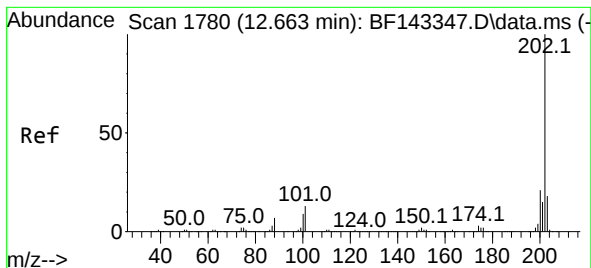
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 45.641 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

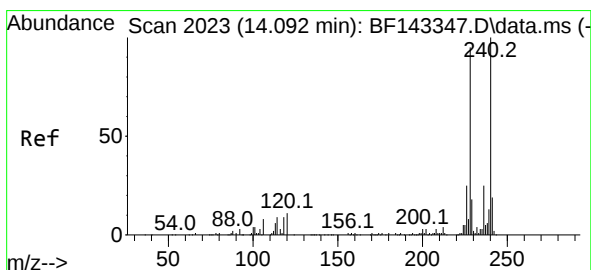
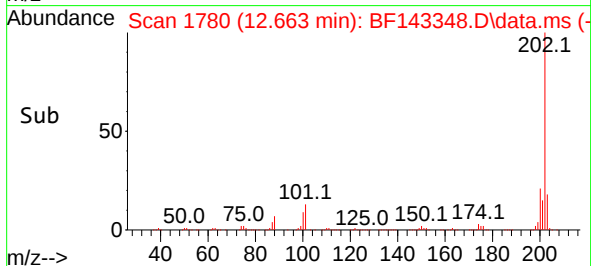
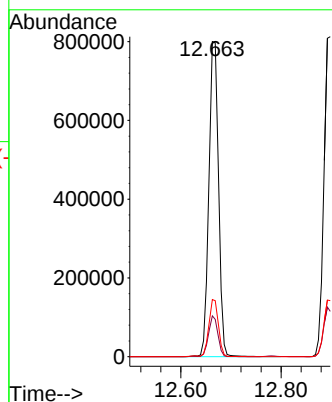
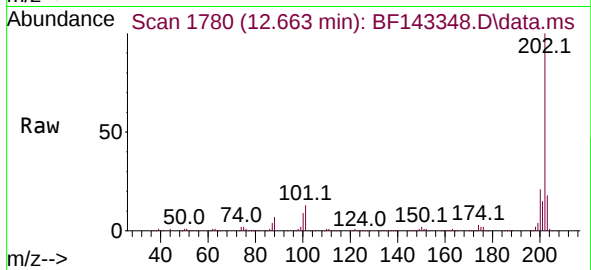
Tgt Ion:202 Resp: 1074315

Ion Ratio Lower Upper

202 100

101 13.0 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: BF143348.D

Acq: 12 Aug 2025 11:37

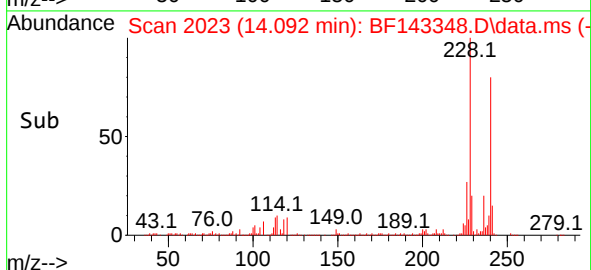
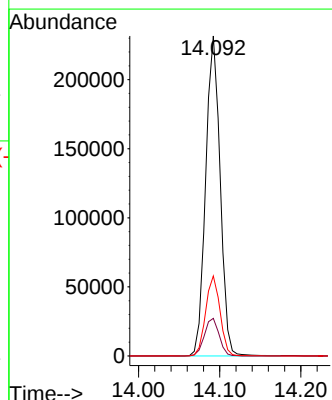
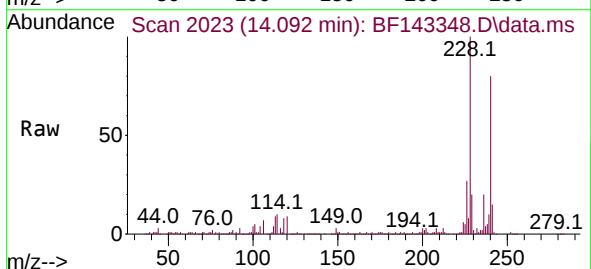
Tgt Ion:240 Resp: 286106

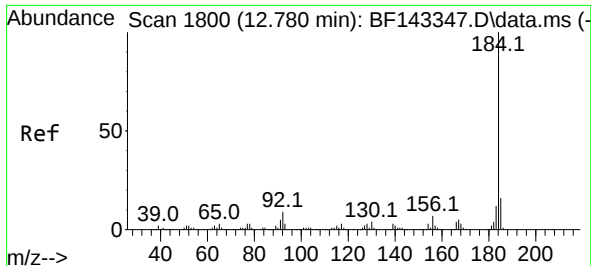
Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.6

236 25.0 19.9 29.9

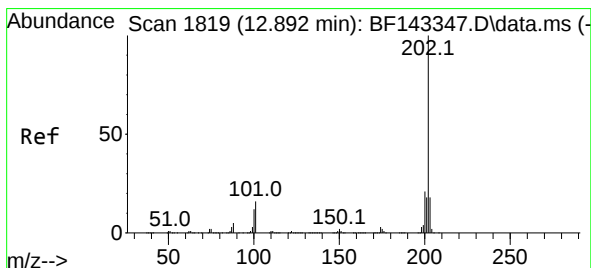
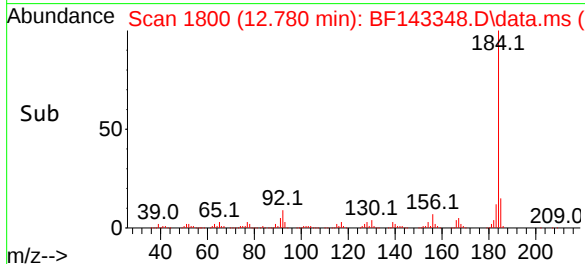
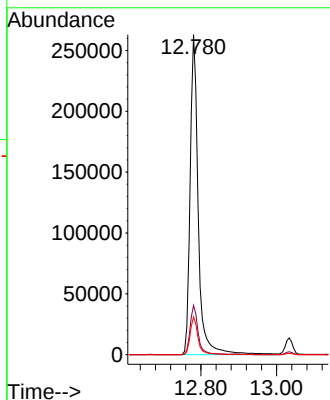
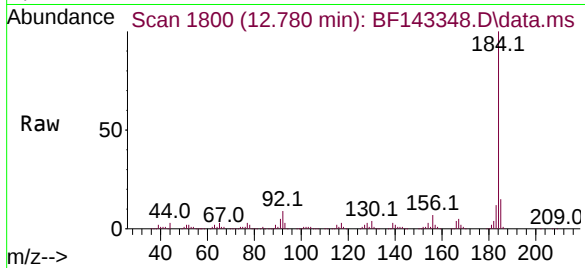




#77
Benzidine
Concen: 50.186 ng
RT: 12.780 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

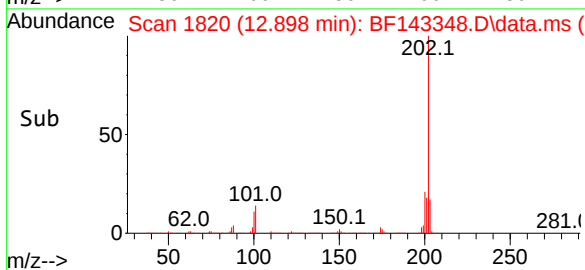
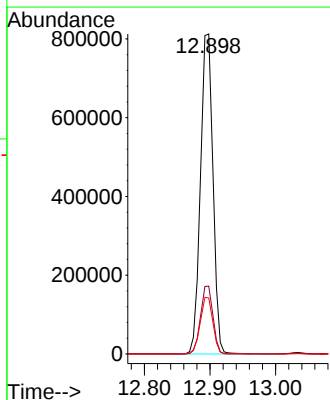
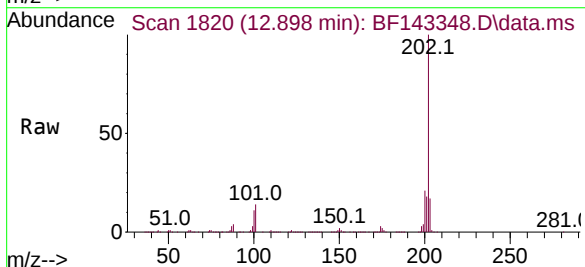
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

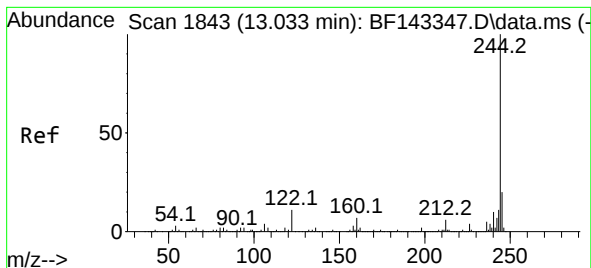
Tgt Ion:184 Resp: 392548
Ion Ratio Lower Upper
184 100
185 15.4 12.8 19.2
183 11.7 9.3 13.9



#78
Pyrene
Concen: 45.078 ng
RT: 12.898 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:202 Resp: 1081940
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 87.090 ng

RT: 13.033 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

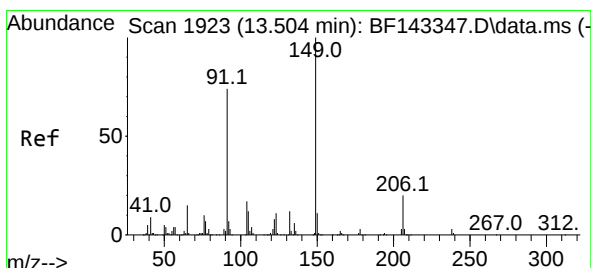
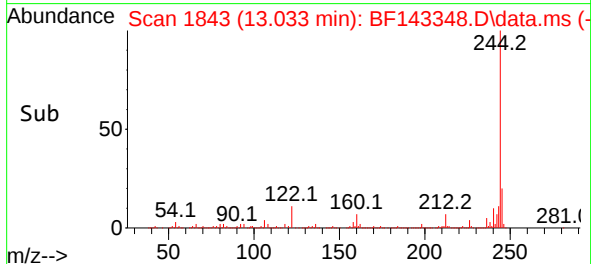
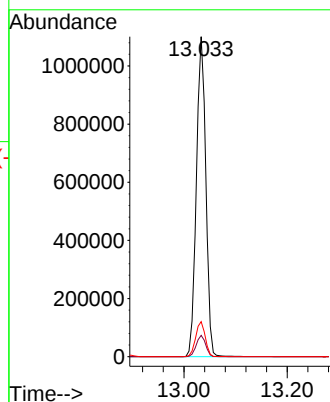
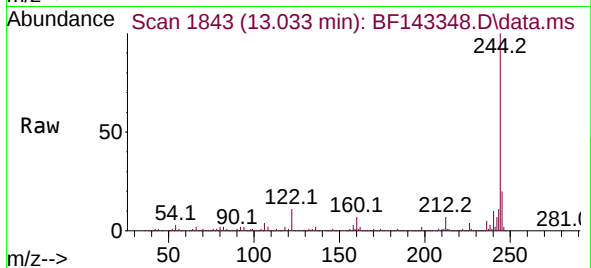
Tgt Ion:244 Resp: 1395642

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 10.9 8.9 13.3



#80

Butylbenzylphthalate

Concen: 48.268 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

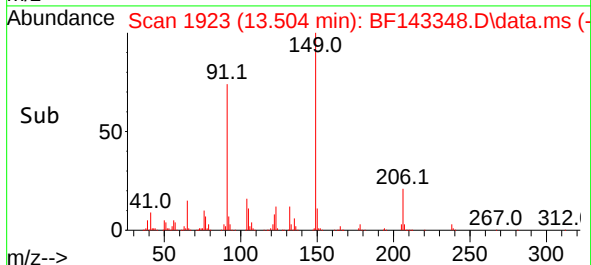
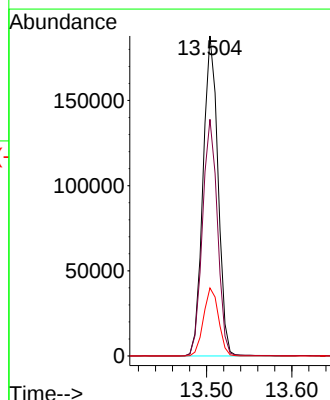
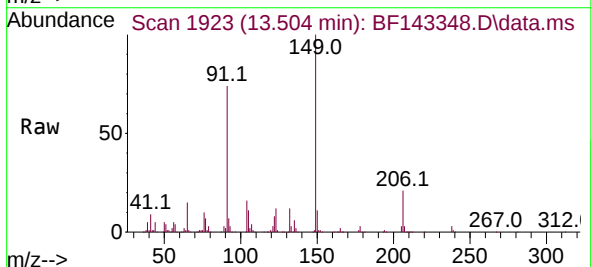
Tgt Ion:149 Resp: 229034

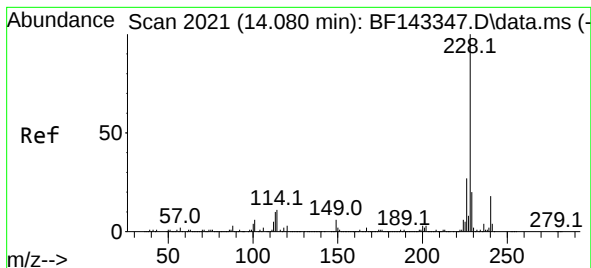
Ion Ratio Lower Upper

149 100

91 73.9 58.8 88.2

206 21.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 48.327 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

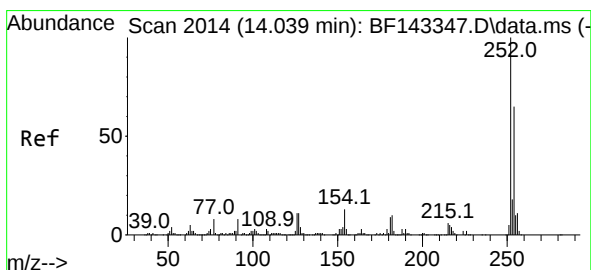
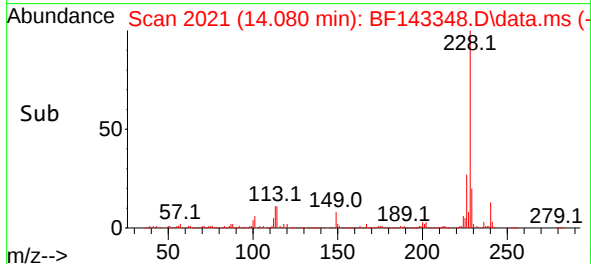
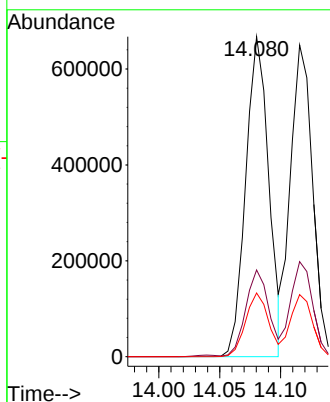
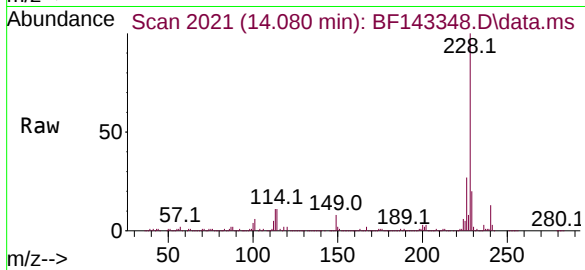
Tgt Ion:228 Resp: 878814

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 54.417 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

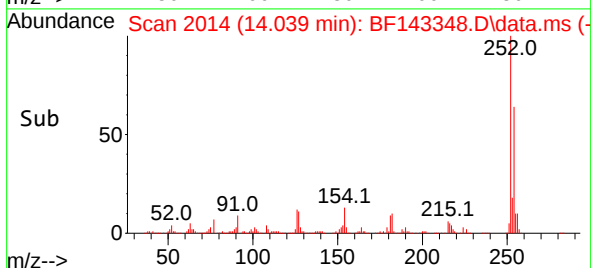
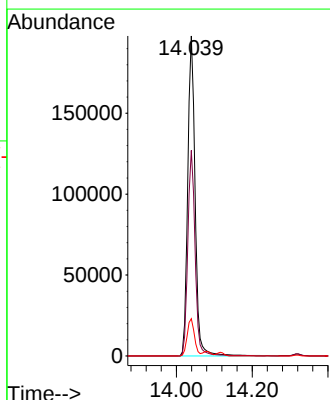
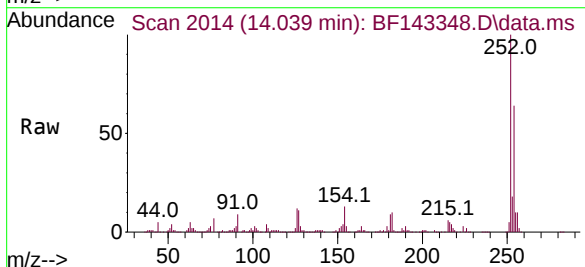
Tgt Ion:252 Resp: 267204

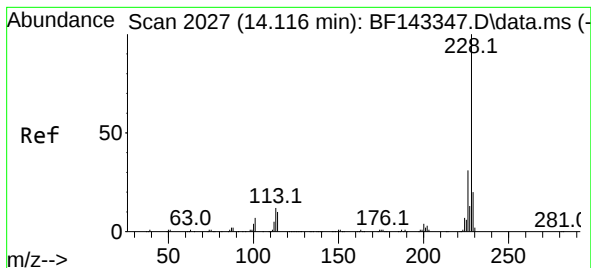
Ion Ratio Lower Upper

252 100

254 64.2 51.7 77.5

126 11.7 9.2 13.8





#83

Chrysene

Concen: 49.049 ng

RT: 14.116 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

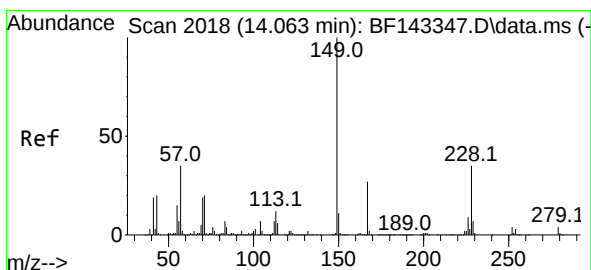
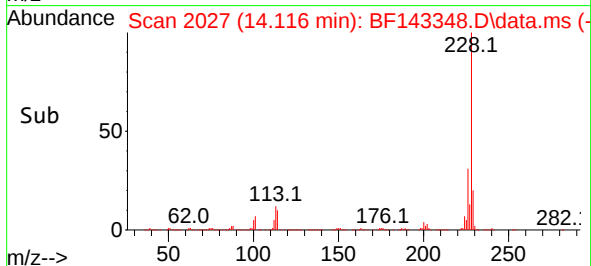
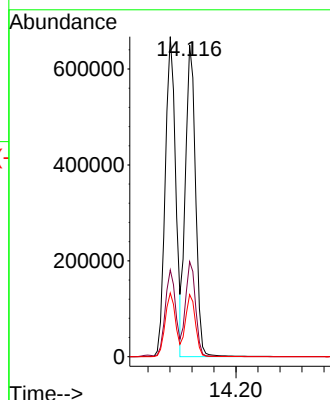
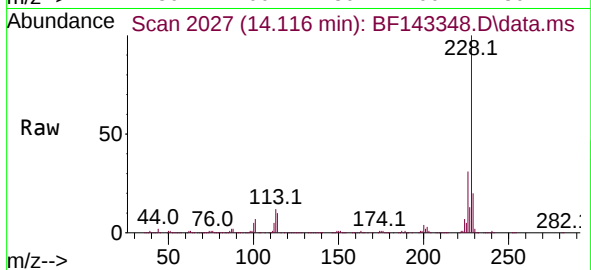
Tgt Ion:228 Resp: 831682

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.921 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

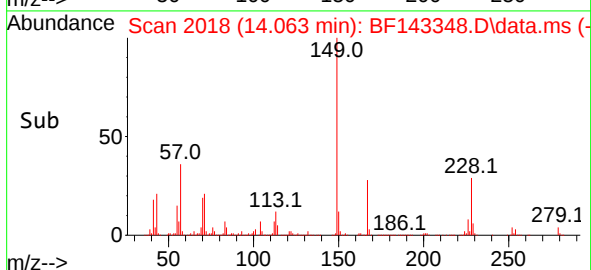
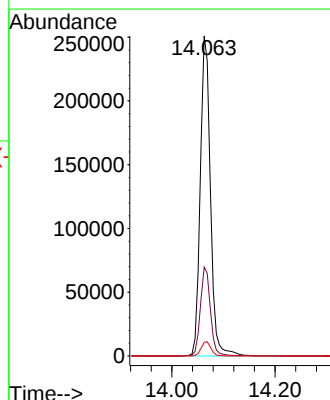
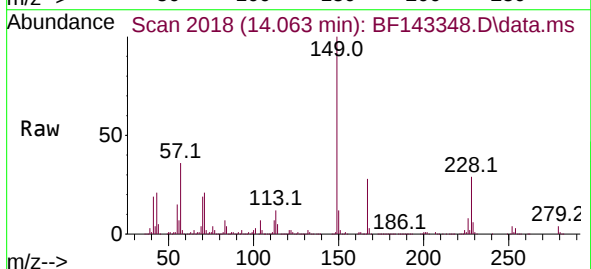
Tgt Ion:149 Resp: 341876

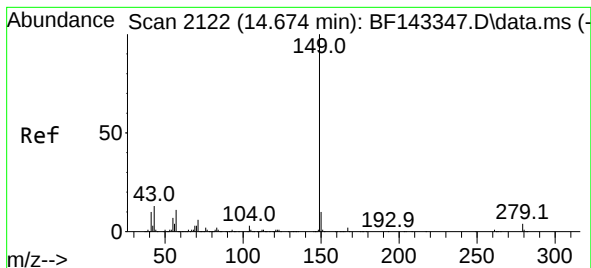
Ion Ratio Lower Upper

149 100

167 27.7 21.4 32.0

279 4.3 3.2 4.8

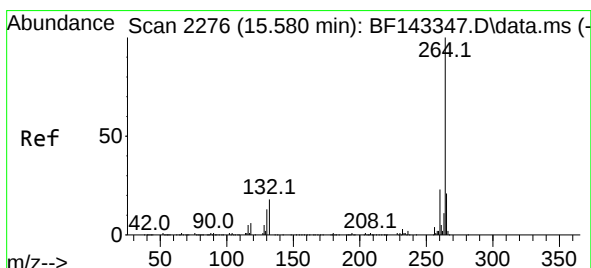
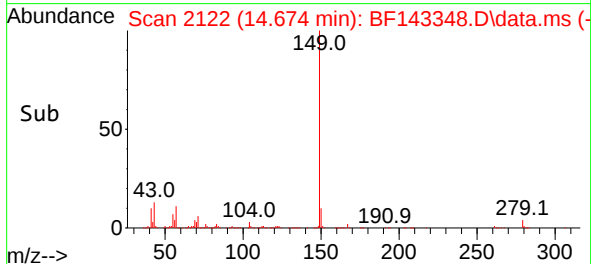
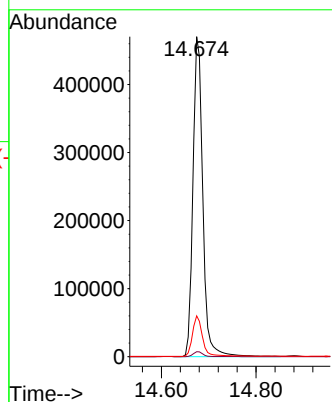
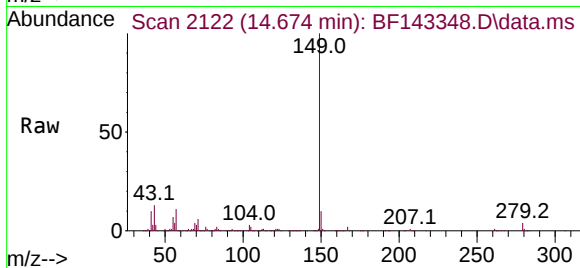




#85
Di-n-octyl phthalate
Concen: 48.572 ng
RT: 14.674 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

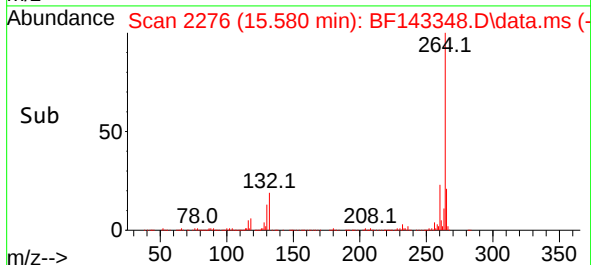
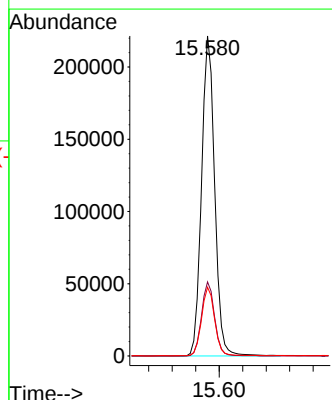
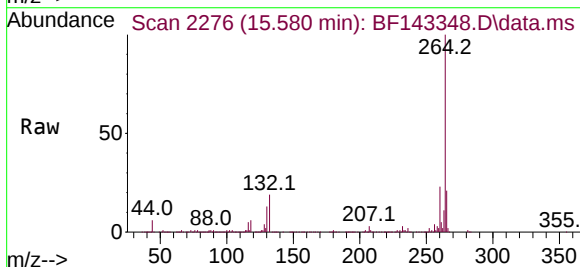
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

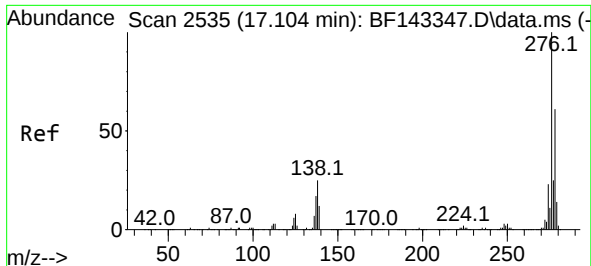
Tgt Ion:149 Resp: 675816
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:264 Resp: 342458
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.4 17.2 25.8

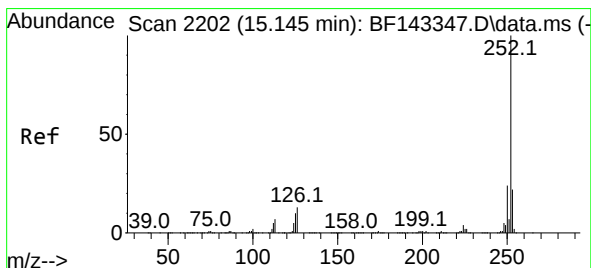
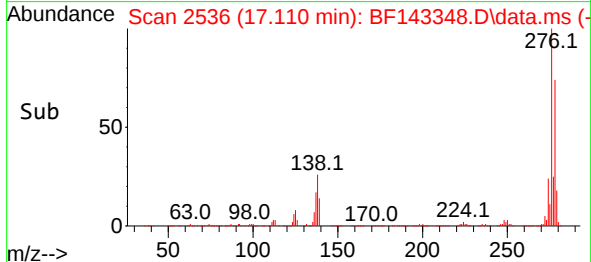
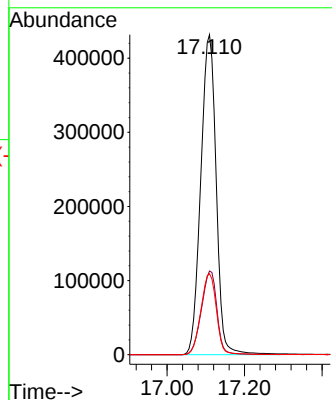
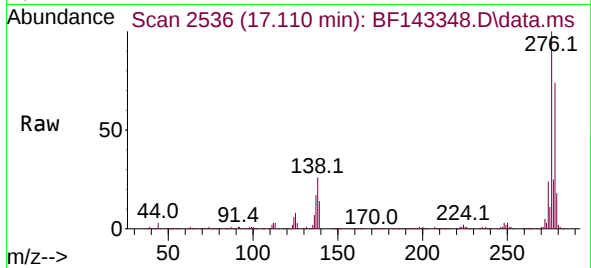




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.566 ng
 RT: 17.110 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143348.D
 Acq: 12 Aug 2025 11:37

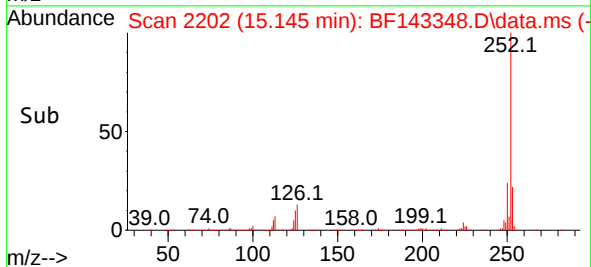
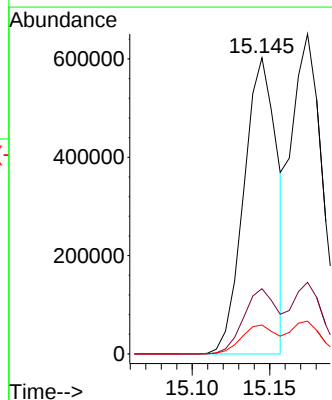
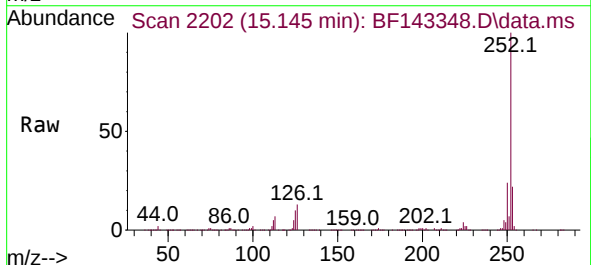
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

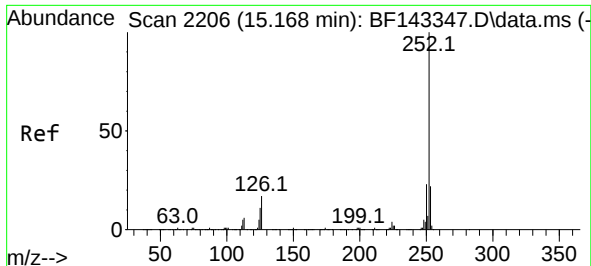
Tgt Ion:276 Resp: 1191556
 Ion Ratio Lower Upper
 276 100
 138 26.3 21.1 31.7
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 47.812 ng
 RT: 15.145 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: BF143348.D
 Acq: 12 Aug 2025 11:37

Tgt Ion:252 Resp: 895570
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 9.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 49.555 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

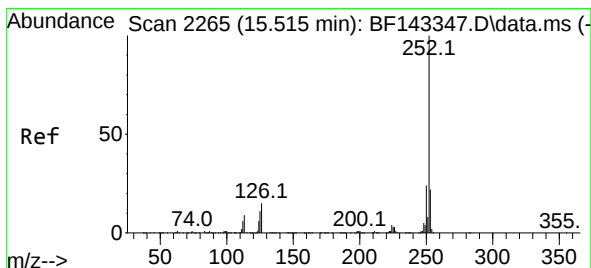
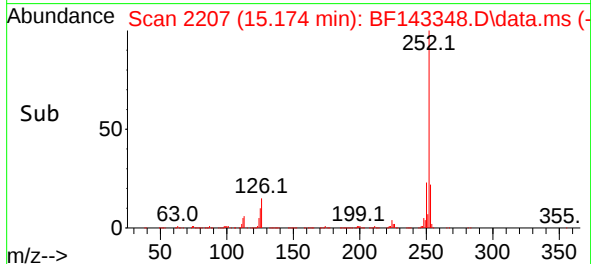
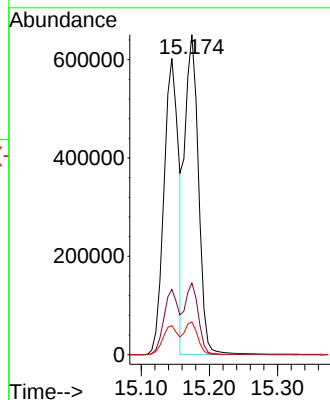
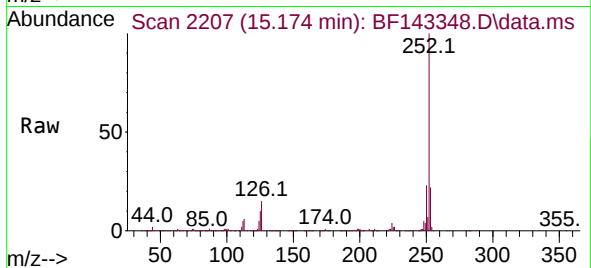
Tgt Ion:252 Resp: 901937

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.3 8.4 12.6



#90

Benzo(a)pyrene

Concen: 49.098 ng

RT: 15.521 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

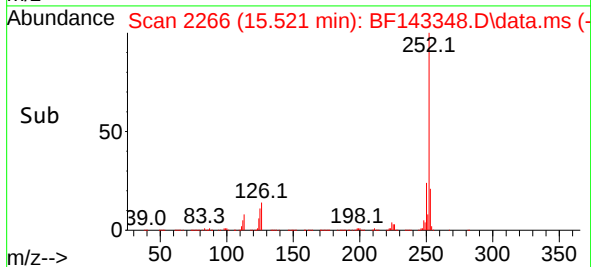
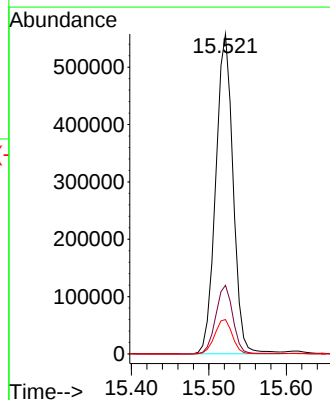
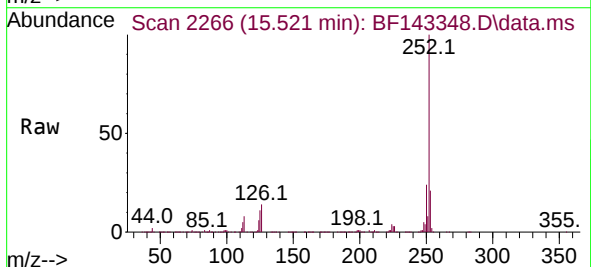
Tgt Ion:252 Resp: 866161

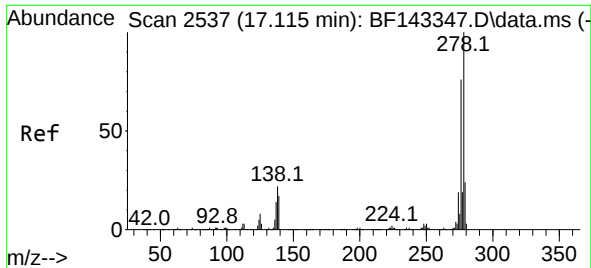
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 10.7 9.1 13.7

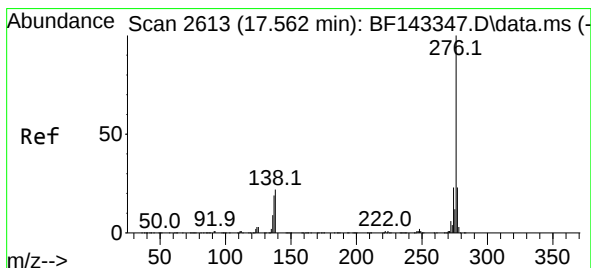
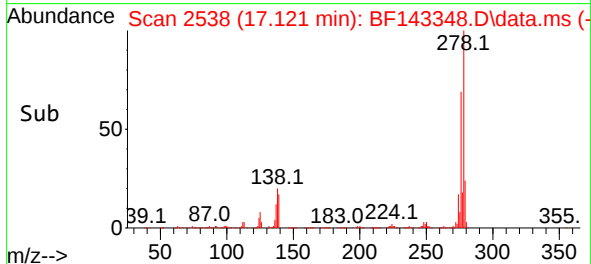
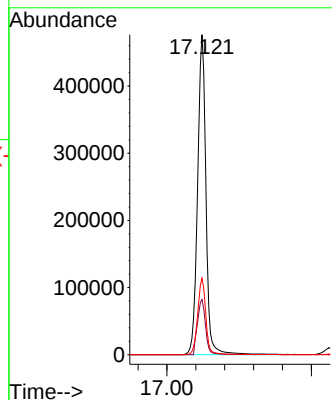
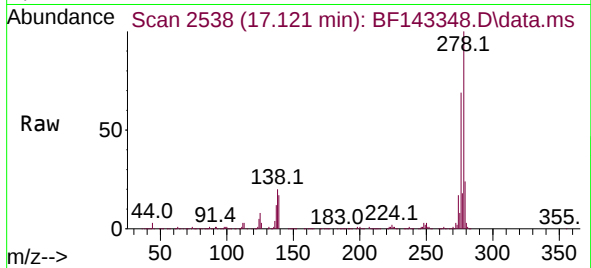




#91
Dibenzo(a,h)anthracene
Concen: 48.855 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 957602
Ion Ratio Lower Upper
278 100
139 17.3 14.0 21.0
279 23.9 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 48.732 ng
RT: 17.568 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:276 Resp: 962236
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 22.6 17.8 26.8

