

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144348.D
 Acq On : 25 Nov 2025 13:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 25 17:02:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	48785	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	180679	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	87905	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	143543	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	127780	20.000	ng	-0.01
86) Perylene-d12	15.521	264	177416	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	281560	90.316	ng	-0.01
7) Phenol-d6	6.498	99	297540	84.232	ng	0.00
23) Nitrobenzene-d5	7.428	82	250057	79.932	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	78596	71.250	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	492993	82.830	ng	0.00
79) Terphenyl-d14	12.980	244	508325	63.189	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	61148	47.443	ng	97
3) Pyridine	3.346	79	160175	44.545	ng	97
4) n-Nitrosodimethylamine	3.293	42	73077	38.907	ng	83
6) Aniline	6.528	93	211230	41.971	ng	99
8) 2-Chlorophenol	6.651	128	130204	42.588	ng	97
9) Benzaldehyde	6.416	77	90360	45.301	ng	99
10) Phenol	6.510	94	185200	42.912	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	134958	42.915	ng	99
12) 1,3-Dichlorobenzene	6.804	146	163024	43.213	ng	95
13) 1,4-Dichlorobenzene	6.881	146	162274	42.935	ng	99
14) 1,2-Dichlorobenzene	7.034	146	154375	42.614	ng	99
15) Benzyl Alcohol	7.004	79	108397	38.754	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	248454	42.902	ng	98
17) 2-Methylphenol	7.116	107	97760	40.194	ng	97
18) Hexachloroethane	7.375	117	53402	42.528	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	83517	35.915	ng	97
20) 3+4-Methylphenols	7.269	107	115699	40.354	ng	98
22) Acetophenone	7.269	105	151990	39.213	ng	98
24) Nitrobenzene	7.445	77	136310	40.130	ng	96
25) Isophorone	7.681	82	222358	37.577	ng	99
26) 2-Nitrophenol	7.763	139	69960	41.608	ng	# 94
27) 2,4-Dimethylphenol	7.798	122	104225	41.356	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	146761	39.717	ng	98
29) 2,4-Dichlorophenol	8.004	162	114543	39.434	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	118733	39.808	ng	96
31) Naphthalene	8.169	128	347035	40.378	ng	100
32) Benzoic acid	7.904	122	59676	32.304	ng	94
33) 4-Chloroaniline	8.216	127	121635	38.804	ng	99
34) Hexachlorobutadiene	8.281	225	84211	37.463	ng	98
35) Caprolactam	8.581	113	27994	35.178	ng	95
36) 4-Chloro-3-methylphenol	8.698	107	96354	37.014	ng	98
37) 2-Methylnaphthalene	8.857	142	219317	38.166	ng	99
38) 1-Methylnaphthalene	8.957	142	209225	37.735	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	120482	41.821	ng	99
41) Hexachlorocyclopentadiene	9.010	237	29442	34.982	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	79905	40.751	ng	96

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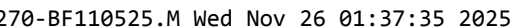
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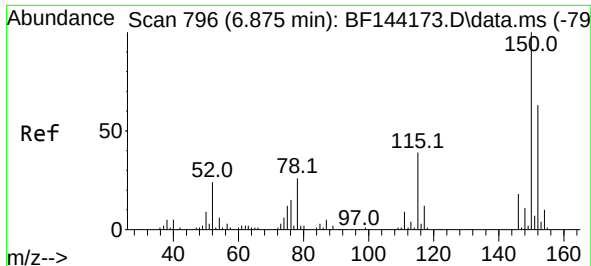
Quant Time: Nov 25 17:02:26 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	84192	39.839	ng	97
46) 1,1'-Biphenyl	9.322	154	258035	42.052	ng	100
47) 2-Chloronaphthalene	9.345	162	215916	41.252	ng	100
48) 2-Nitroaniline	9.445	65	59174	39.182	ng	92
49) Acenaphthylene	9.763	152	291788	40.909	ng	99
50) Dimethylphthalate	9.616	163	227472	39.061	ng	99
51) 2,6-Dinitrotoluene	9.686	165	46367	39.332	ng	92
52) Acenaphthene	9.933	154	181131	37.975	ng	98
53) 3-Nitroaniline	9.857	138	53390	41.430	ng	95
54) 2,4-Dinitrophenol	9.969	184	29207	41.029	ng	96
55) Dibenzofuran	10.104	168	267748	40.081	ng	98
56) 4-Nitrophenol	10.028	139	34731	37.257	ng	89
57) 2,4-Dinitrotoluene	10.092	165	62505	39.606	ng	99
58) Fluorene	10.451	166	205016	40.365	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	56966	38.100	ng	# 99
60) Diethylphthalate	10.316	149	202846	37.785	ng	99
61) 4-Chlorophenyl-phenylether	10.439	204	109198	37.744	ng	99
62) 4-Nitroaniline	10.469	138	50500	41.149	ng	90
63) Azobenzene	10.604	77	196232	39.276	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	34414	35.291	ng	95
66) n-Nitrosodiphenylamine	10.557	169	192100	41.610	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	69080	37.703	ng	99
68) Hexachlorobenzene	10.998	284	81924	37.962	ng	97
69) Atrazine	11.086	200	55047	37.492	ng	99
70) Pentachlorophenol	11.198	266	44019	40.962	ng	97
71) Phenanthrene	11.416	178	294154	41.159	ng	99
72) Anthracene	11.469	178	299727	41.244	ng	99
73) Carbazole	11.627	167	262073	42.410	ng	99
74) Di-n-butylphthalate	11.951	149	307696	41.189	ng	98
75) Fluoranthene	12.610	202	325934	44.149	ng	98
77) Benzidine	12.733	184	183154	48.458	ng	99
78) Pyrene	12.839	202	344234	33.412	ng	99
80) Butylbenzylphthalate	13.451	149	133343	37.342	ng	99
81) Benzo(a)anthracene	14.033	228	368996	41.666	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	132266	43.571	ng	97
83) Chrysene	14.069	228	325491	39.814	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	196685	40.236	ng	98
85) Di-n-octyl phthalate	14.627	149	373902	44.334	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	491163	38.566	ng	96
88) Benzo(b)fluoranthene	15.086	252	432116	42.841	ng	100
89) Benzo(k)fluoranthene	15.115	252	346217	36.672	ng	99
90) Benzo(a)pyrene	15.457	252	375868	40.393	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	392362	38.361	ng	99
92) Benzo(g,h,i)perylene	17.480	276	393304	38.940	ng	97

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

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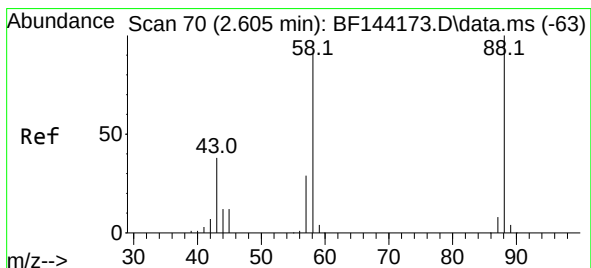
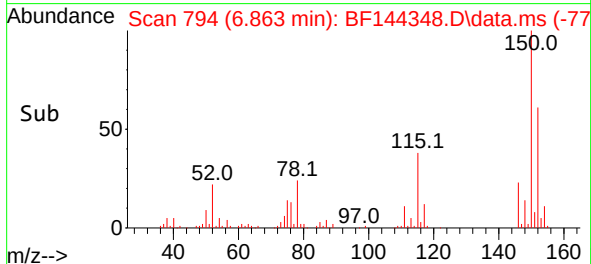
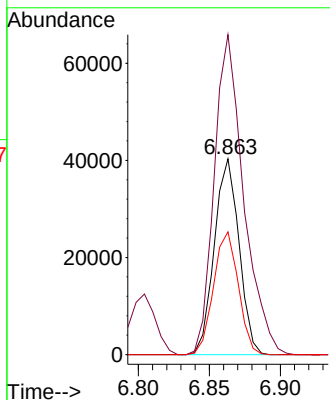
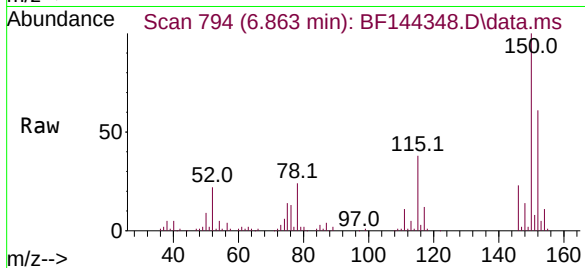




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144348.D
 Acq: 25 Nov 2025 13:54

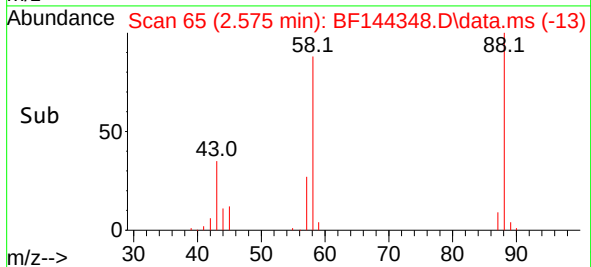
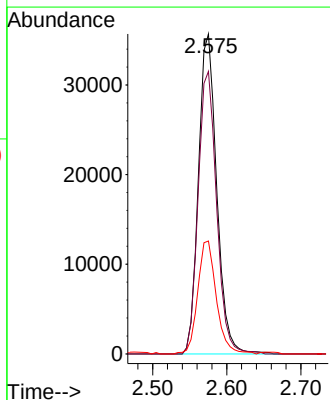
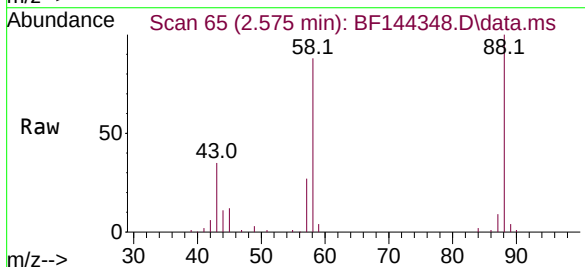
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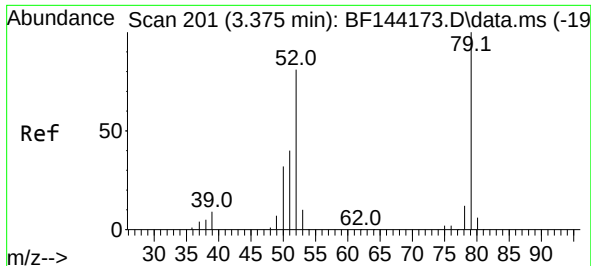
Tgt Ion:152 Resp: 48785
 Ion Ratio Lower Upper
 152 100
 150 163.5 127.4 191.0
 115 62.7 49.5 74.3



#2
 1,4-Dioxane
 Concen: 47.443 ng
 RT: 2.575 min Scan# 65
 Delta R.T. -0.041 min
 Lab File: BF144348.D
 Acq: 25 Nov 2025 13:54

Tgt Ion: 88 Resp: 61148
 Ion Ratio Lower Upper
 88 100
 58 89.3 73.1 109.7
 43 36.0 31.0 46.6

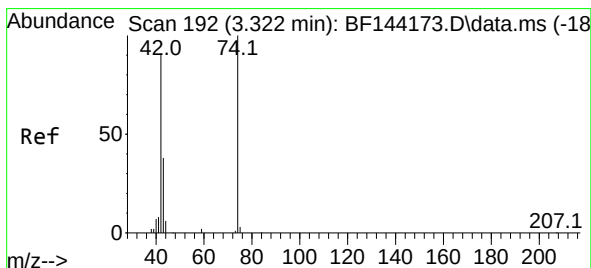
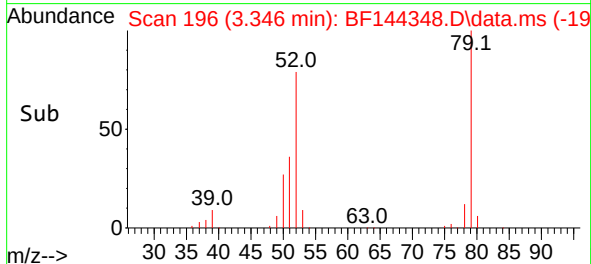
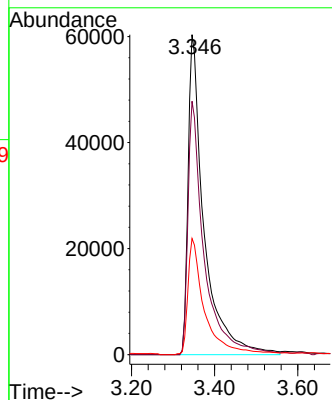
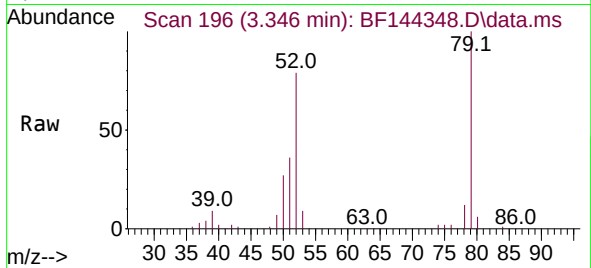




#3
Pyridine
Concen: 44.545 ng
RT: 3.346 min Scan# 19
Delta R.T. -0.065 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

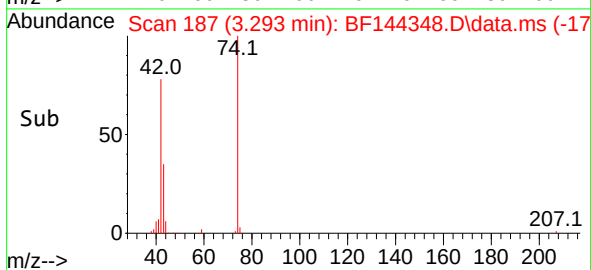
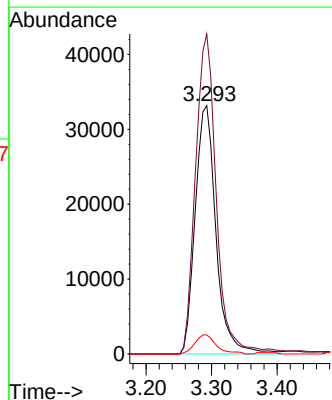
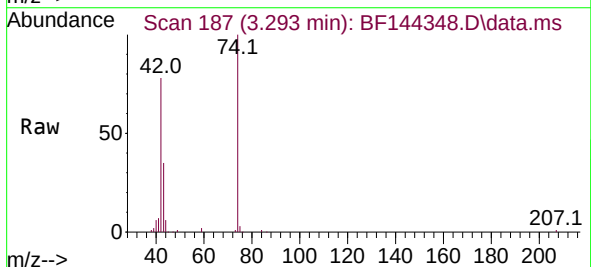
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

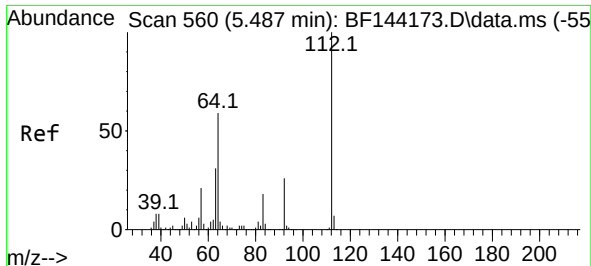
Tgt Ion: 79 Resp: 160175
Ion Ratio Lower Upper
79 100
52 79.2 64.5 96.7
51 36.3 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 38.907 ng
RT: 3.293 min Scan# 187
Delta R.T. -0.053 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion: 42 Resp: 73077
Ion Ratio Lower Upper
42 100
74 128.9 88.2 132.4
44 7.6 5.7 8.5

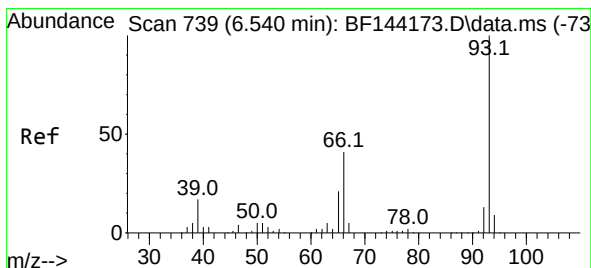
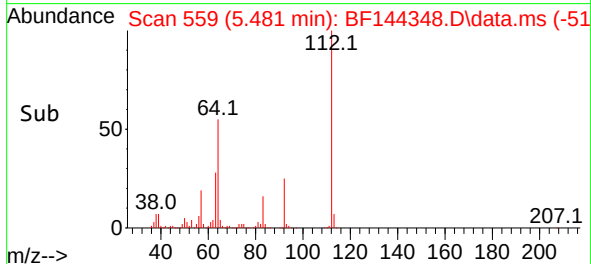
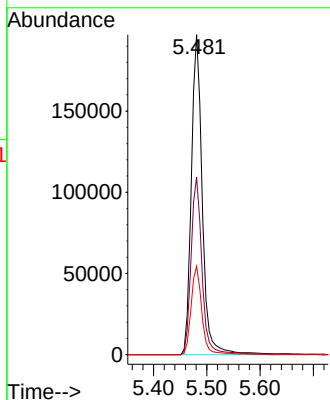
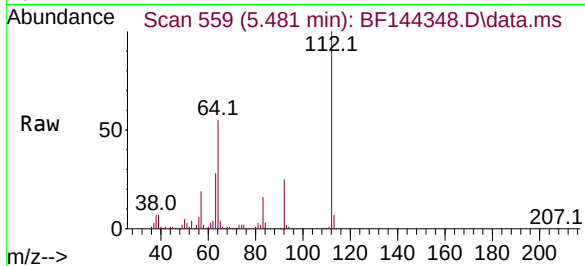




#5
2-Fluorophenol
Concen: 90.316 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

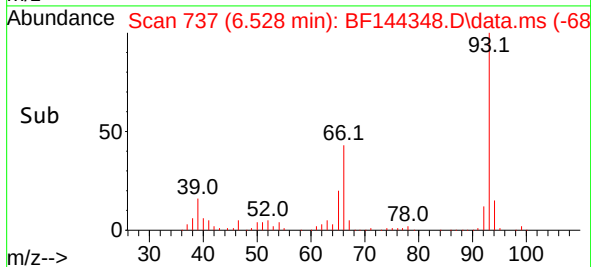
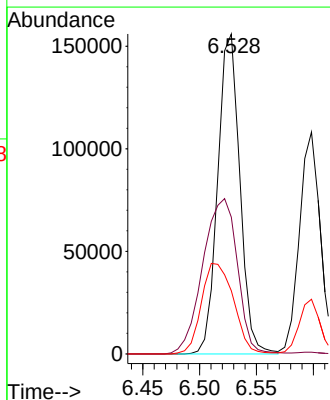
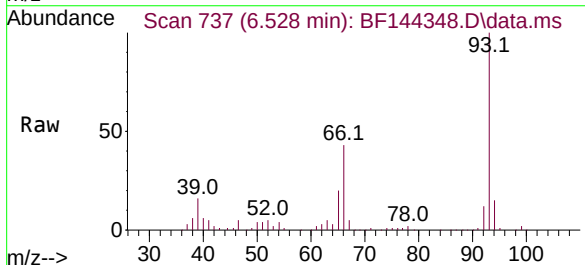
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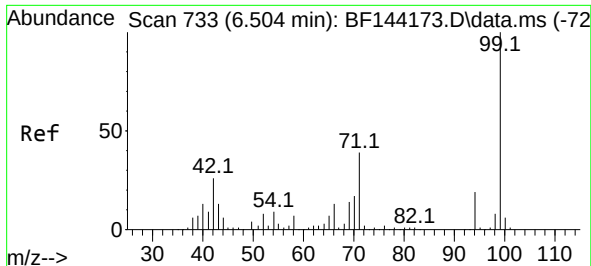
Tgt Ion:112 Resp: 281560
Ion Ratio Lower Upper
112 100
64 55.5 47.2 70.8
63 27.7 24.4 36.6



#6
Aniline
Concen: 41.971 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion: 93 Resp: 211230
Ion Ratio Lower Upper
93 100
66 42.7 34.3 51.5
65 19.7 16.9 25.3

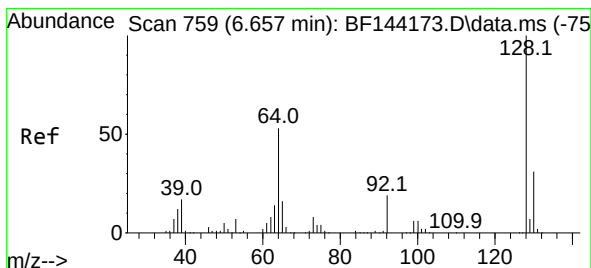
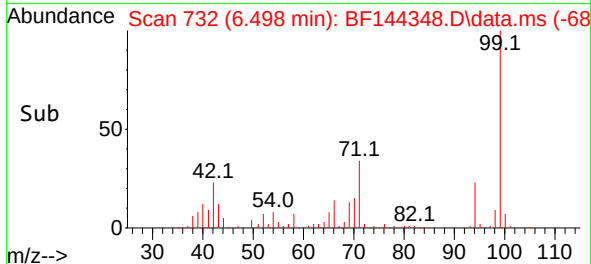
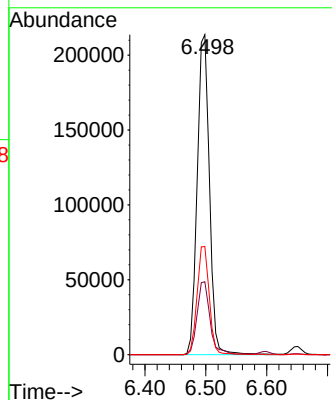
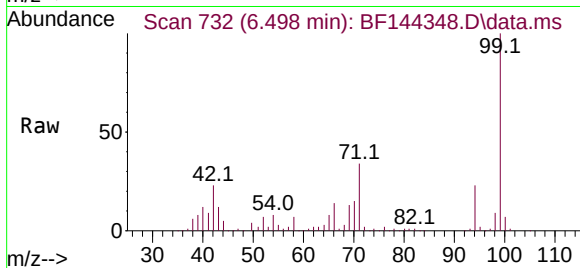




#7
Phenol-d6
Concen: 84.232 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

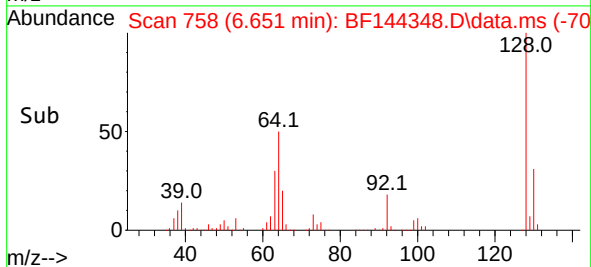
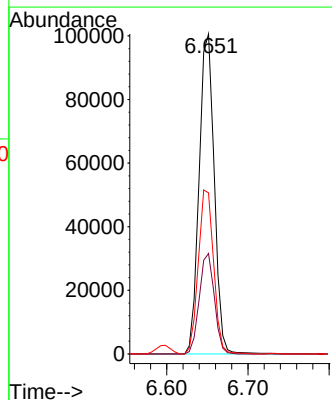
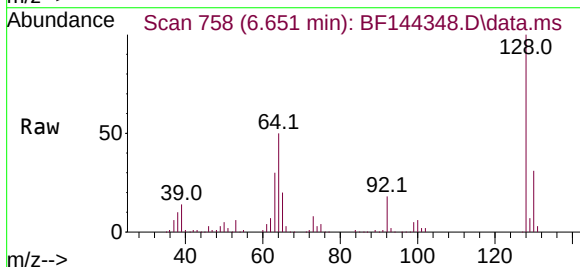
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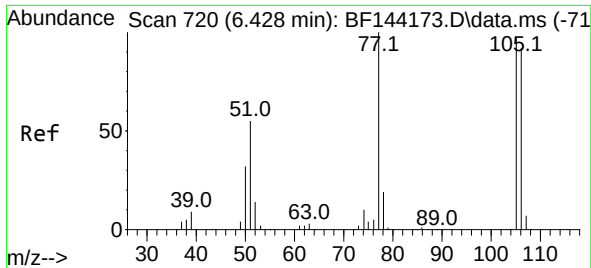
Tgt Ion: 99 Resp: 297540
Ion Ratio Lower Upper
99 100
42 22.8 20.9 31.3
71 33.8 31.4 47.2



#8
2-Chlorophenol
Concen: 42.588 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion: 128 Resp: 130204
Ion Ratio Lower Upper
128 100
130 31.4 10.5 50.5
64 50.3 33.2 73.2





#9

Benzaldehyde

Concen: 45.301 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

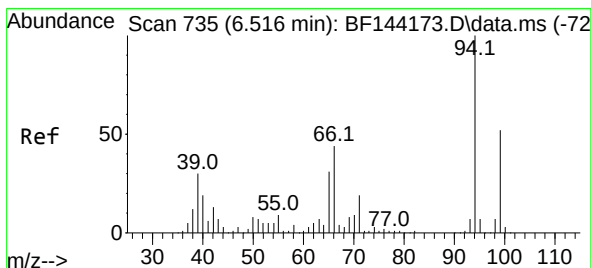
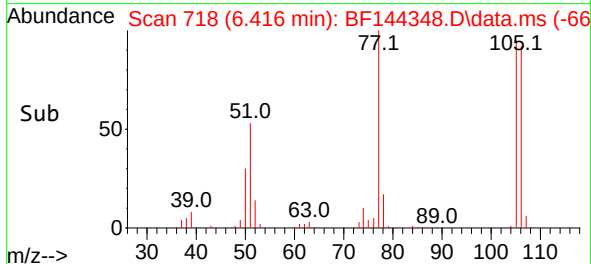
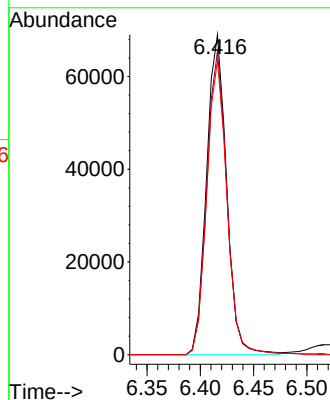
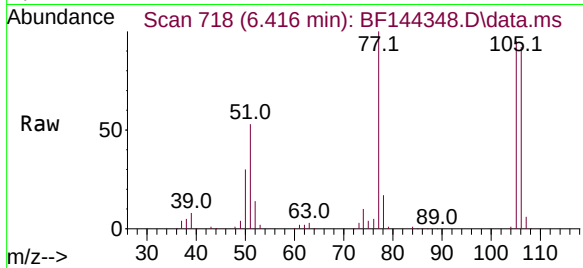
Tgt Ion: 77 Resp: 90360

Ion Ratio Lower Upper

77 100

105 94.9 77.2 117.2

106 92.0 72.2 112.2



#10

Phenol

Concen: 42.912 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.000 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

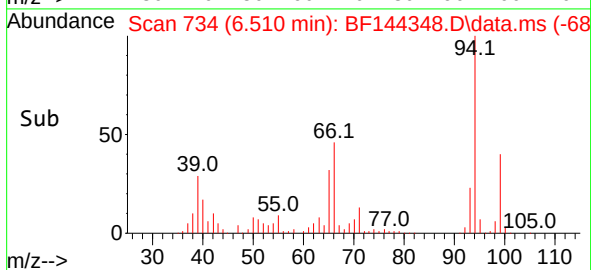
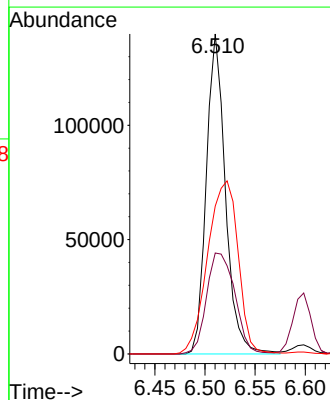
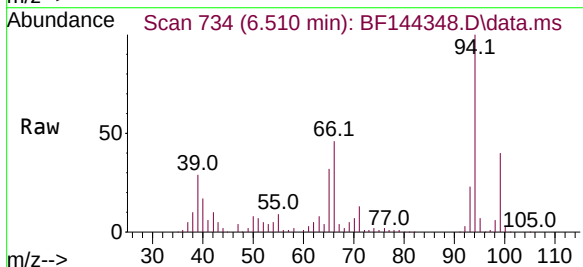
Tgt Ion: 94 Resp: 185200

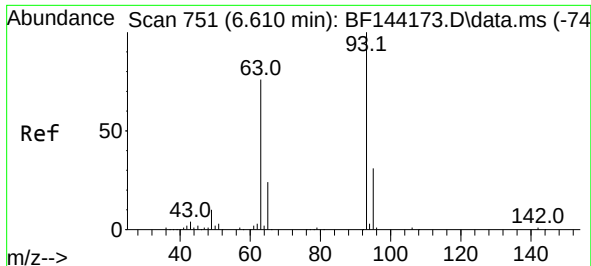
Ion Ratio Lower Upper

94 100

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66 46.2 24.3 64.3

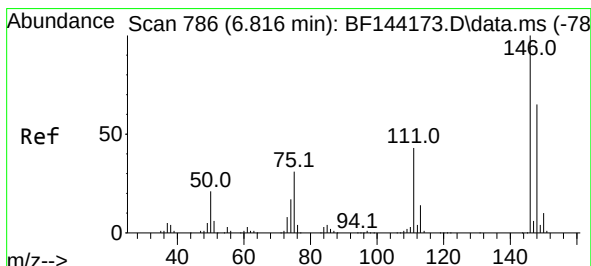
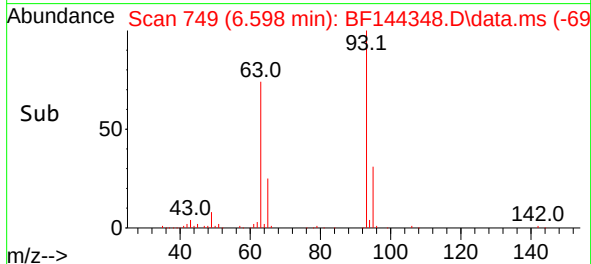
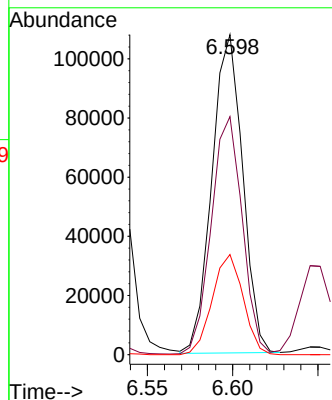
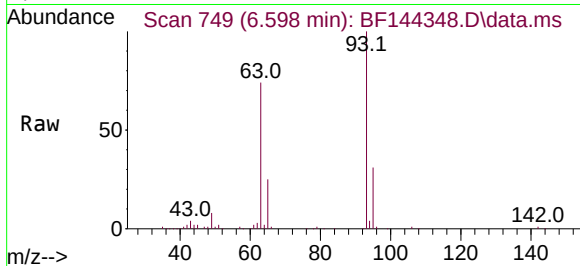




#11
bis(2-Chloroethyl)ether
Concen: 42.915 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

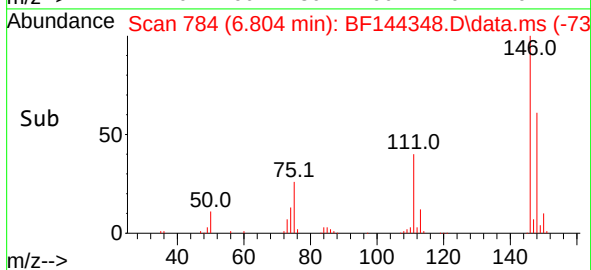
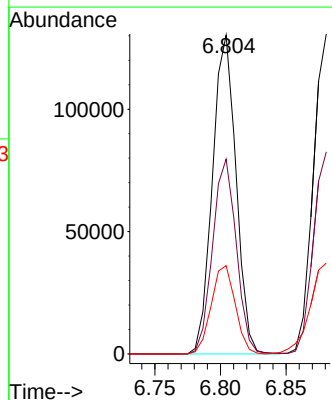
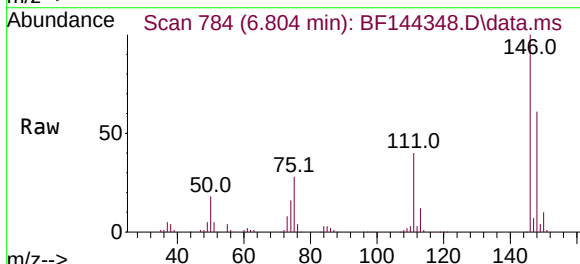
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

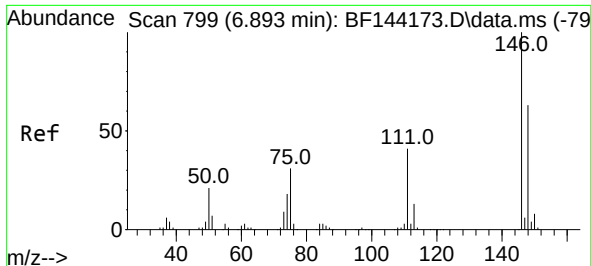
Tgt Ion: 93 Resp: 134958
Ion Ratio Lower Upper
93 100
63 74.4 55.2 95.2
95 31.3 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 43.213 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:146 Resp: 163024
Ion Ratio Lower Upper
146 100
148 61.1 51.8 77.8
75 27.7 25.0 37.4

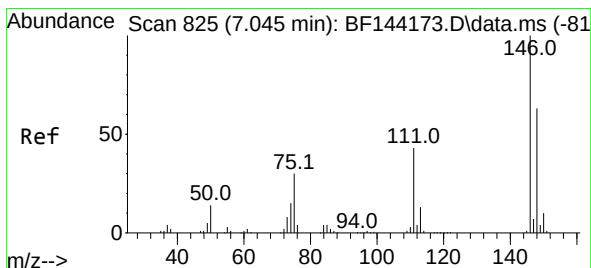
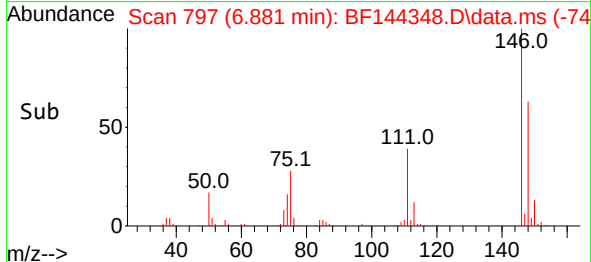
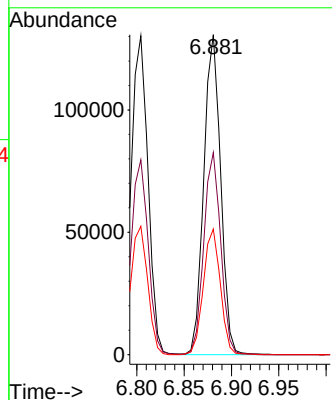
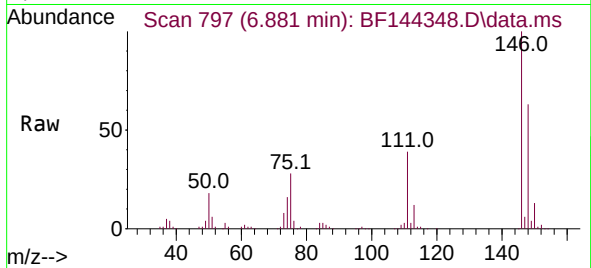




#13
1,4-Dichlorobenzene
Concen: 42.935 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

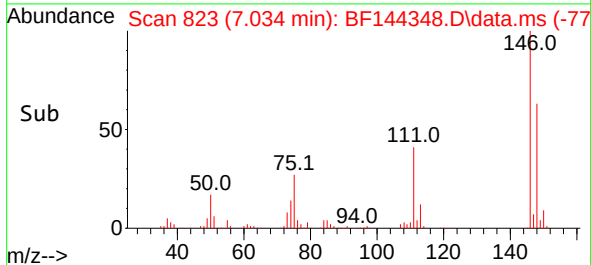
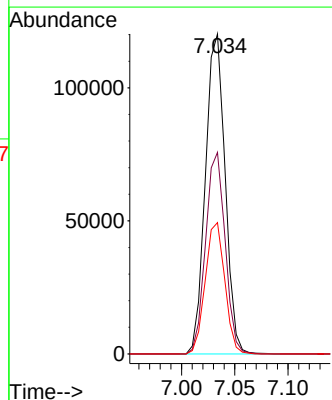
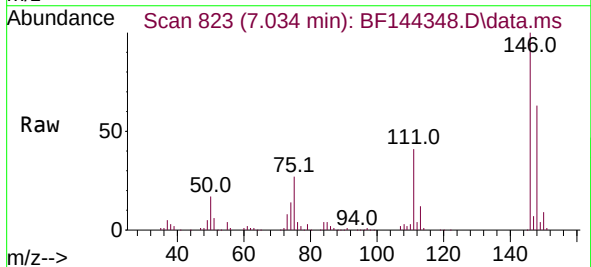
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

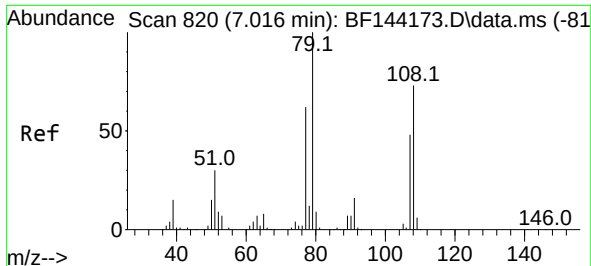
Tgt Ion:146 Resp: 162274
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.2
111 39.2 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 42.614 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:146 Resp: 154375
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
111 41.0 34.2 51.4

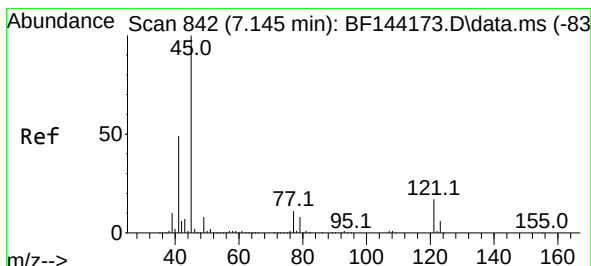
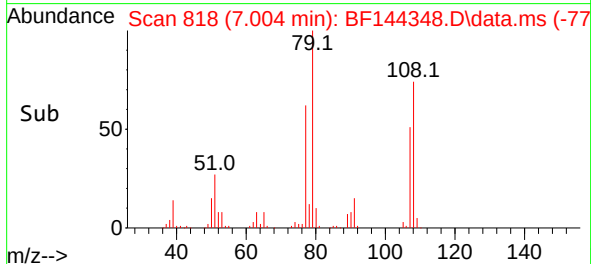
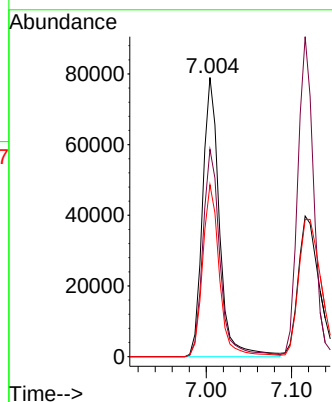
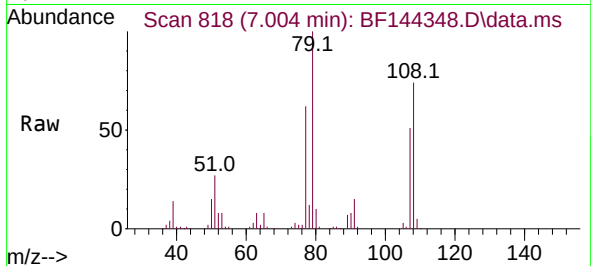




#15
Benzyl Alcohol
Concen: 38.754 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

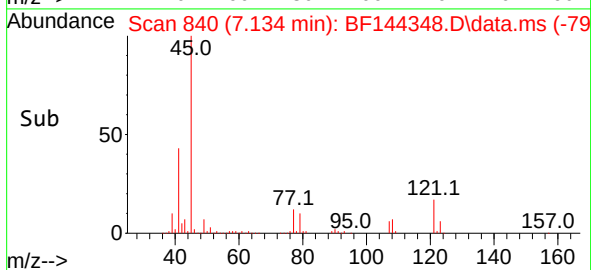
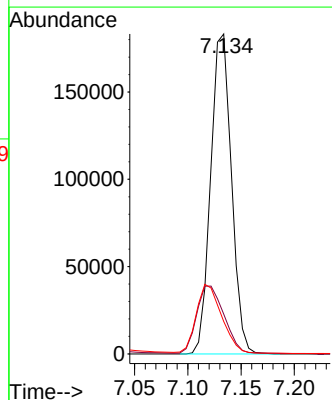
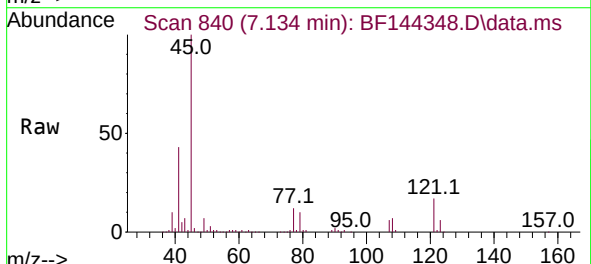
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

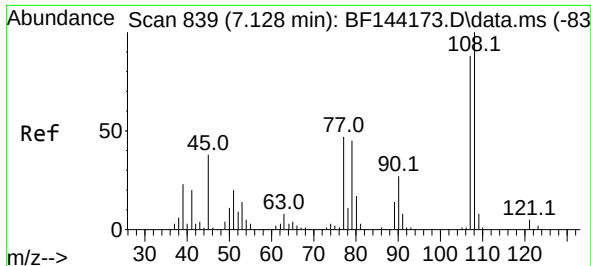
Tgt Ion: 79 Resp: 108397
Ion Ratio Lower Upper
79 100
108 74.3 58.2 87.4
77 61.6 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.902 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion: 45 Resp: 248454
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.8
79 10.1 0.0 29.1

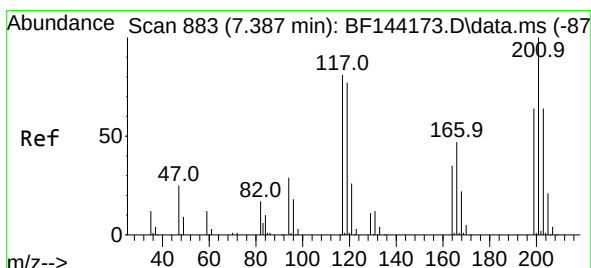
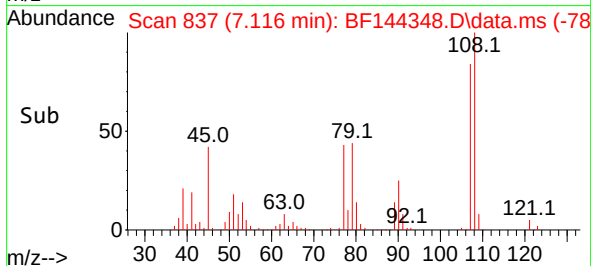
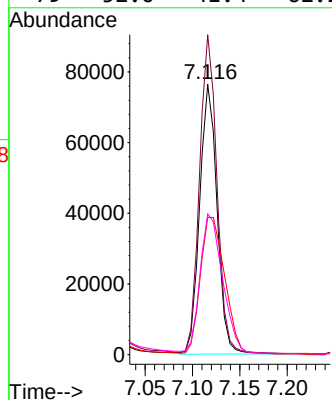
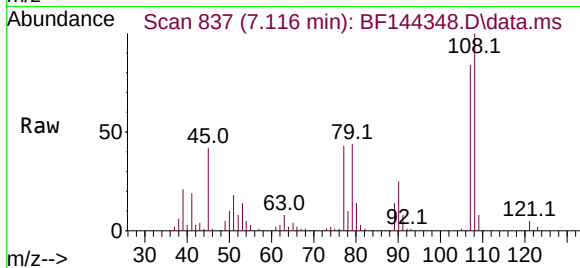




#17
2-Methylphenol
Concen: 40.194 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

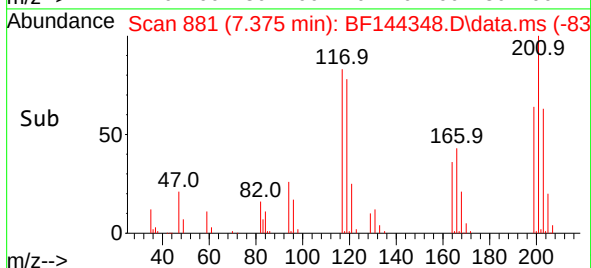
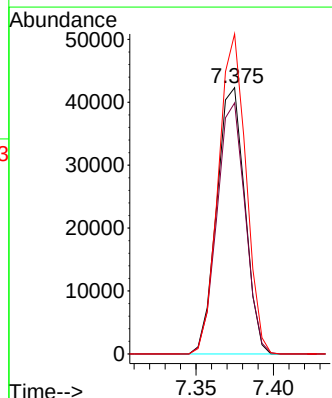
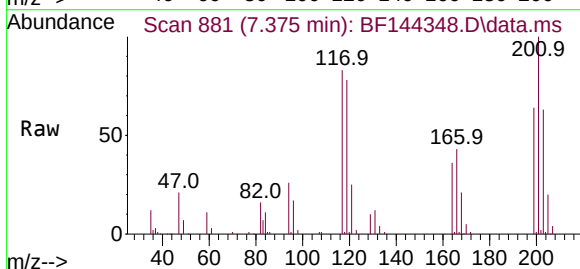
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

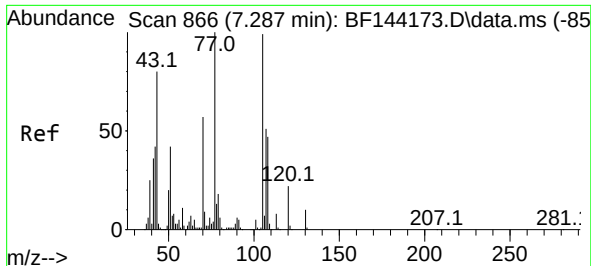
Tgt Ion:	107	Resp:	97760
Ion	Ratio	Lower	Upper
107	100		
108	118.4	91.0	136.4
77	50.8	42.7	64.1
79	52.0	41.4	62.2



#18
Hexachloroethane
Concen: 42.528 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:	117	Resp:	53402
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	120.2	98.9	148.3

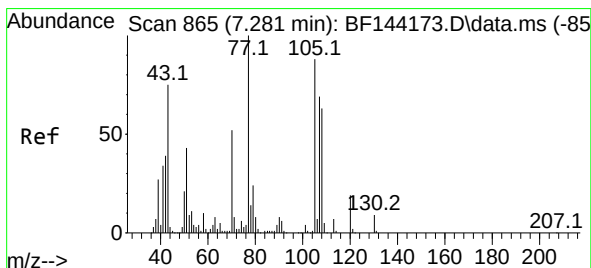
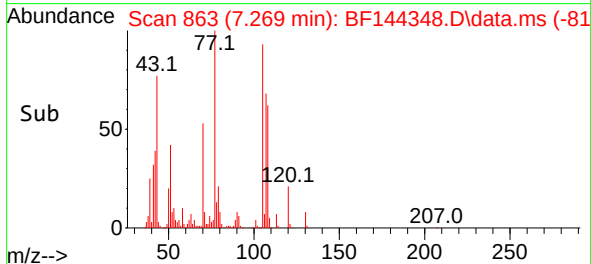
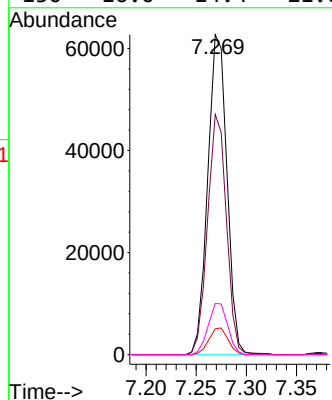
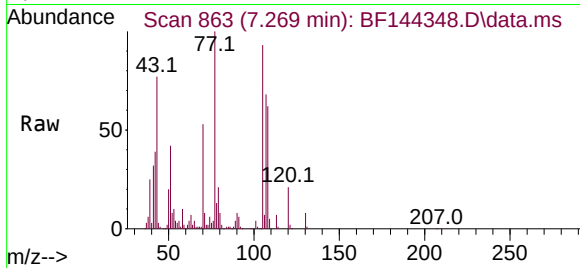




#19
n-Nitroso-di-n-propylamine
Concen: 35.915 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

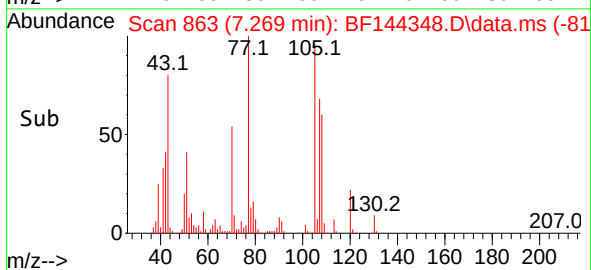
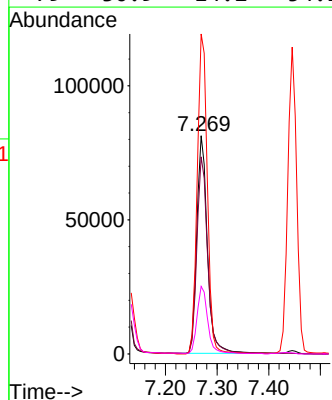
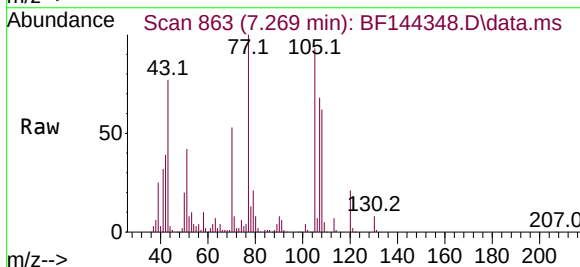
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

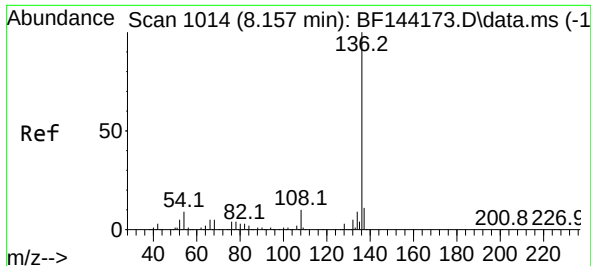
Tgt Ion:	70	Resp:	83517
Ion	Ratio	Lower	Upper
70	100		
42	75.1	58.3	87.5
101	8.1	7.0	10.6
130	16.0	14.4	21.6



#20
3+4-Methylphenols
Concen: 40.354 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:	107	Resp:	115699
Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.2	110.2
77	146.6	123.9	163.9
79	30.9	14.2	54.2

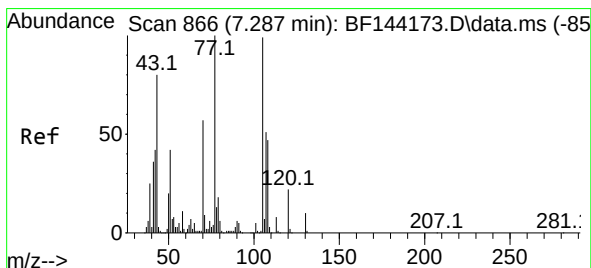
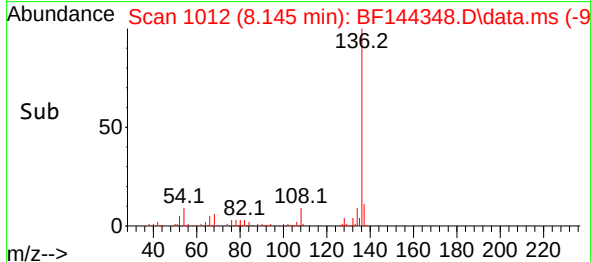
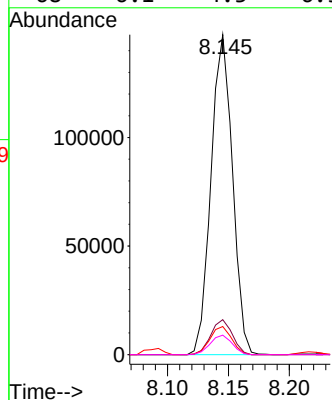
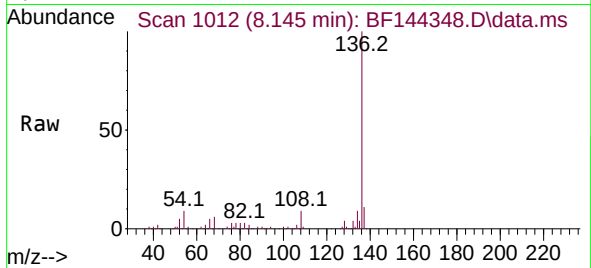




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

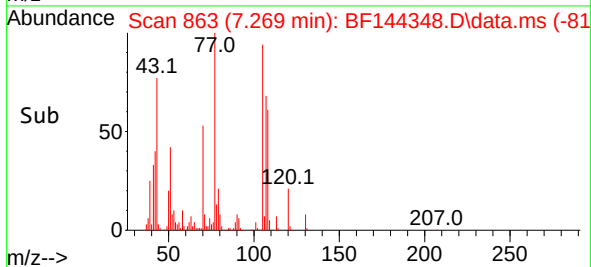
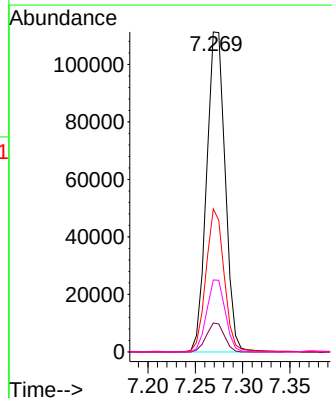
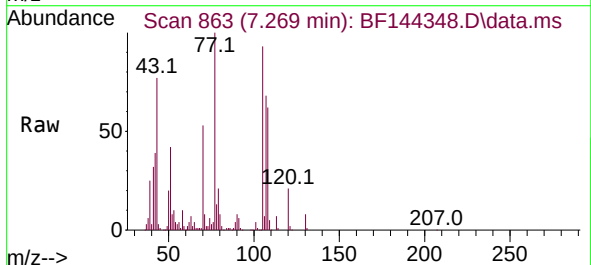
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

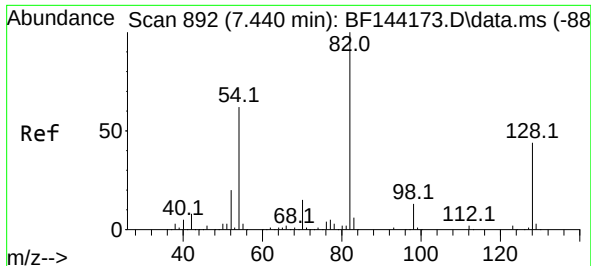
Tgt Ion:136	Resp: 180679
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.8	7.0 10.6
68 6.1	4.3 6.5



#22
Acetophenone
Concen: 39.213 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:105	Resp: 151990
Ion Ratio	Lower Upper
105 100	
71 9.1	7.2 10.8
51 44.7	34.0 51.0
120 22.5	17.8 26.6





#23

Nitrobenzene-d5

Concen: 79.932 ng

RT: 7.428 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

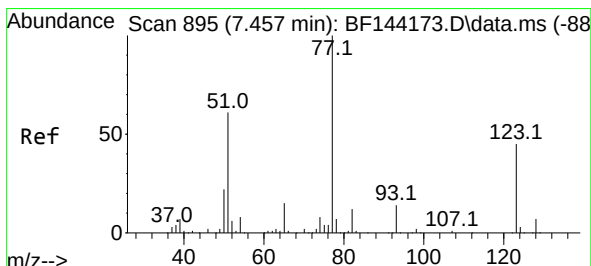
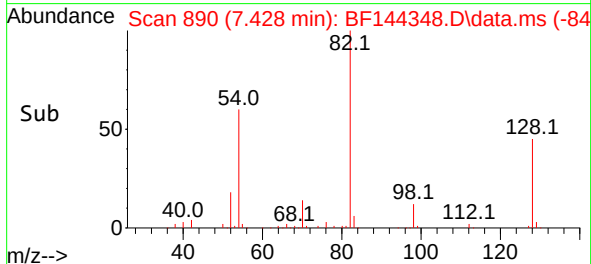
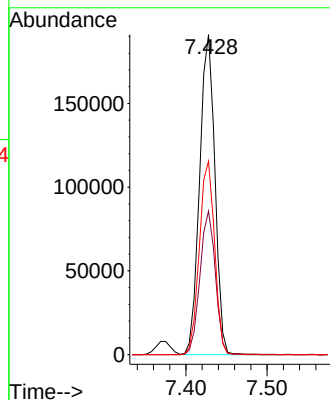
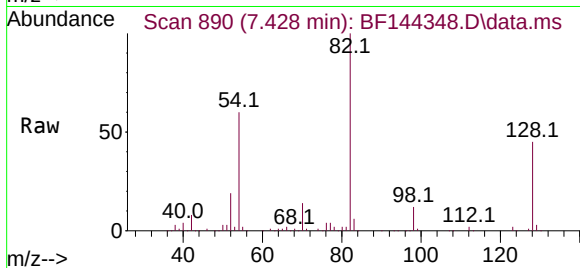
Tgt Ion: 82 Resp: 250057

Ion Ratio Lower Upper

82 100

128 44.9 34.7 52.1

54 60.4 49.5 74.3



#24

Nitrobenzene

Concen: 40.130 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

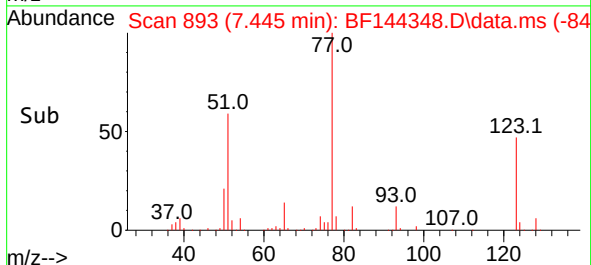
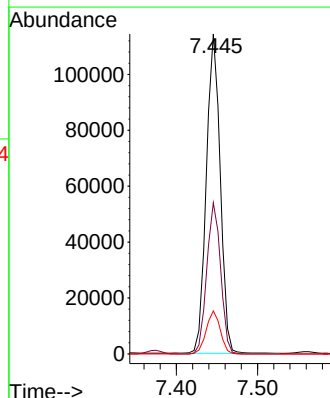
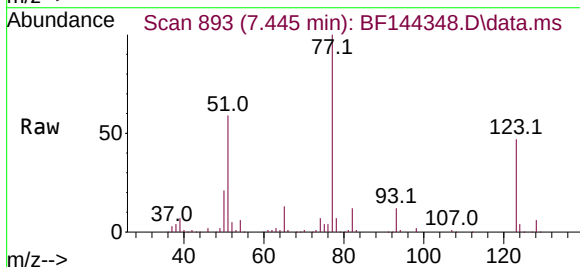
Tgt Ion: 77 Resp: 136310

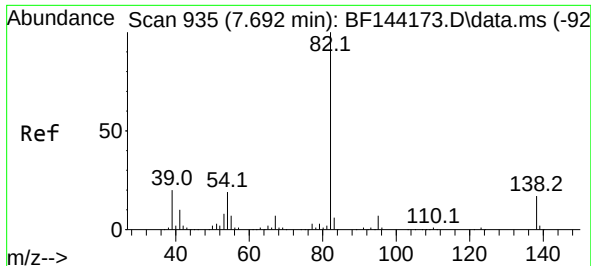
Ion Ratio Lower Upper

77 100

123 47.2 35.8 53.8

65 13.4 12.2 18.2

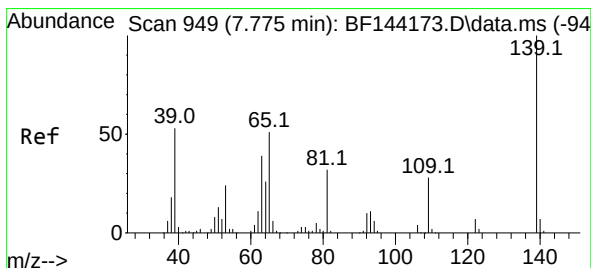
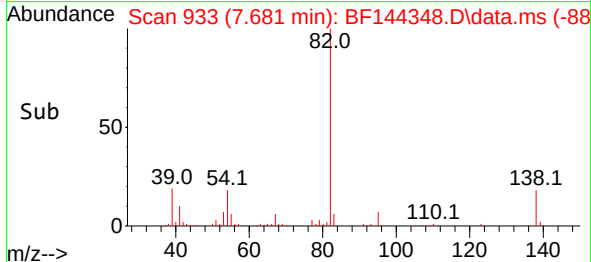
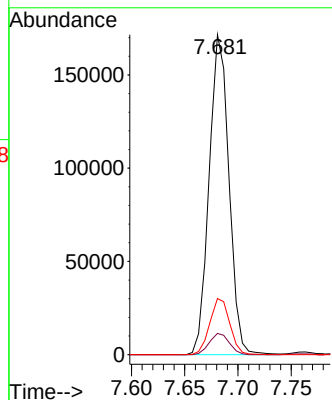
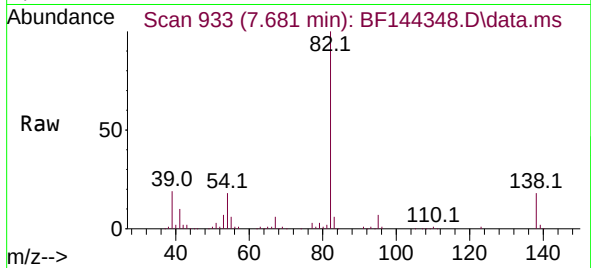




#25
Isophorone
Concen: 37.577 ng
RT: 7.681 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

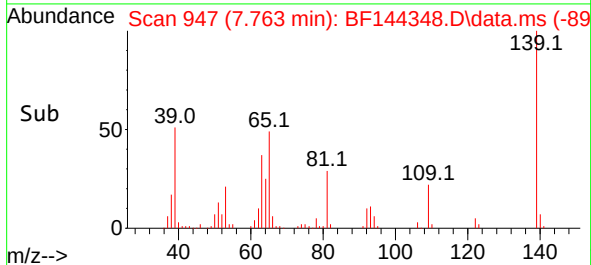
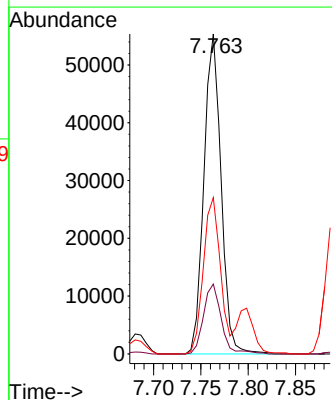
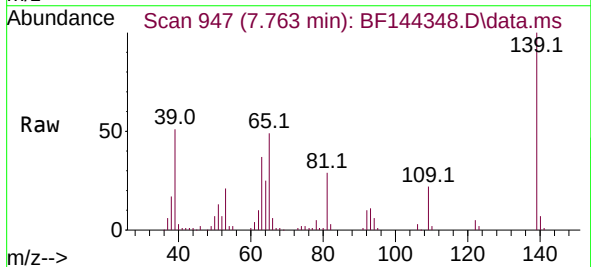
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

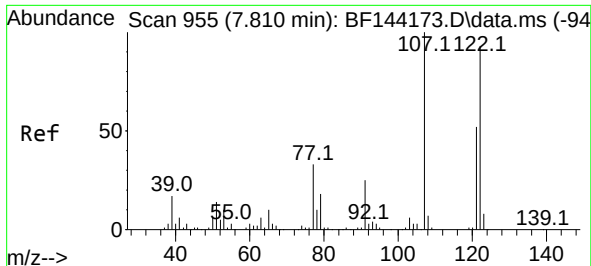
Tgt Ion: 82 Resp: 222358
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 17.5 13.7 20.5



#26
2-Nitrophenol
Concen: 41.608 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion: 139 Resp: 69960
Ion Ratio Lower Upper
139 100
109 21.8 22.2 33.2#
65 48.8 40.7 61.1

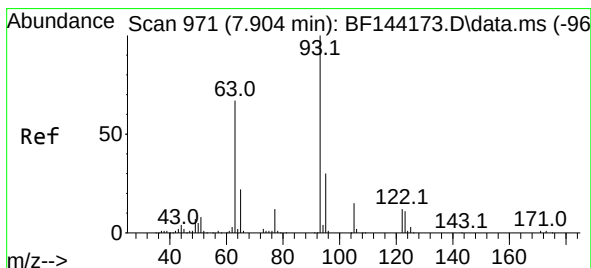
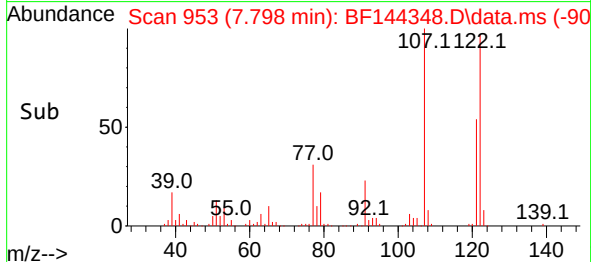
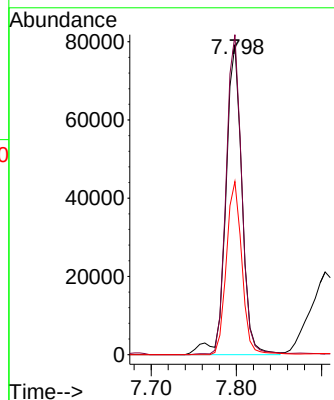
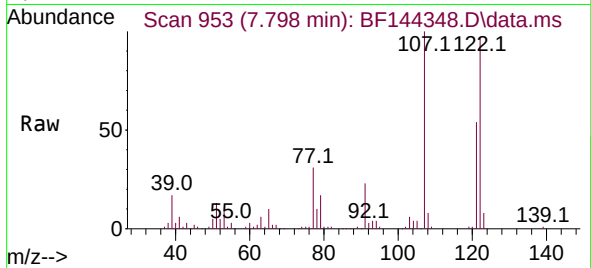




#27
2,4-Dimethylphenol
Concen: 41.356 ng
RT: 7.798 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

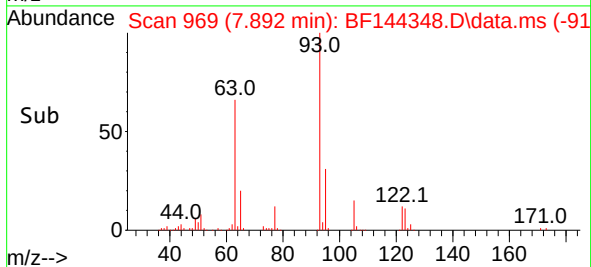
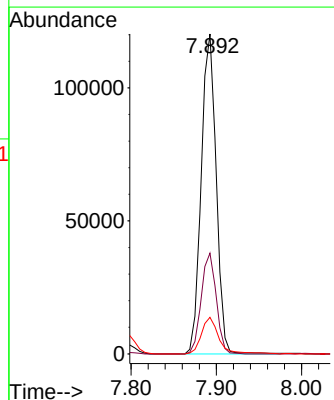
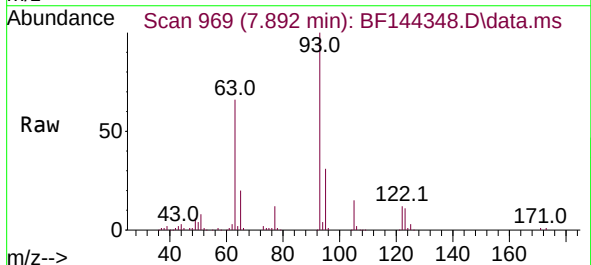
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

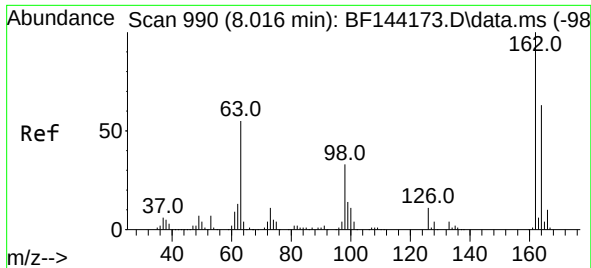
Tgt Ion:	122	Resp:	104225
Ion	Ratio	Lower	Upper
122	100		
107	103.3	86.2	129.4
121	55.8	44.6	66.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.717 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:	93	Resp:	146761
Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.2	36.4
123	11.4	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 39.434 ng

RT: 8.004 min Scan# 98

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

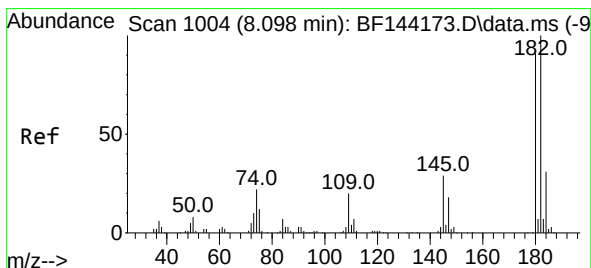
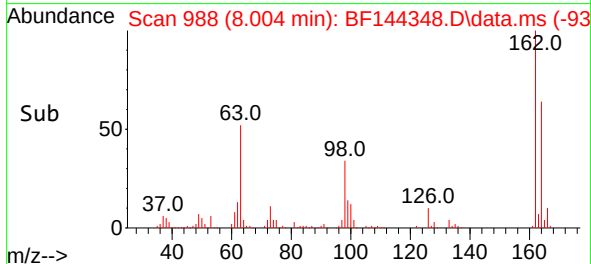
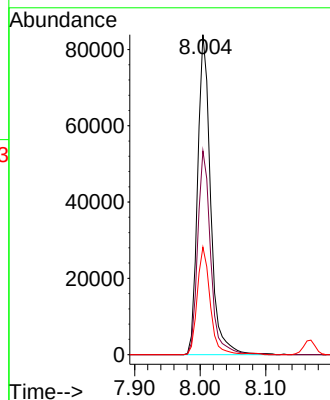
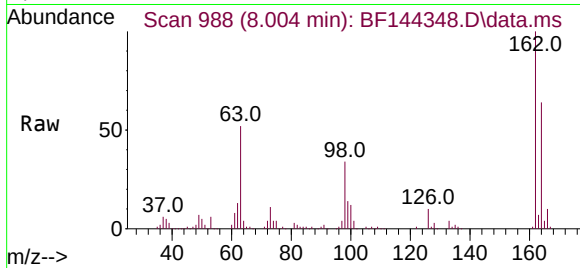
Tgt Ion:162 Resp: 114543

Ion Ratio Lower Upper

162 100

164 63.7 42.9 82.9

98 33.6 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 39.808 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

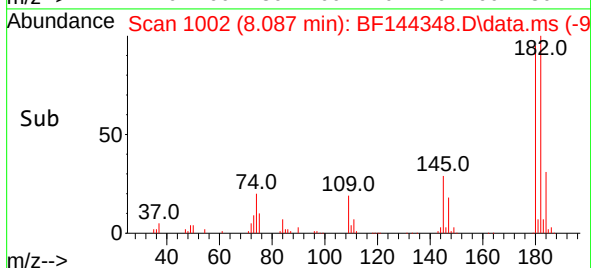
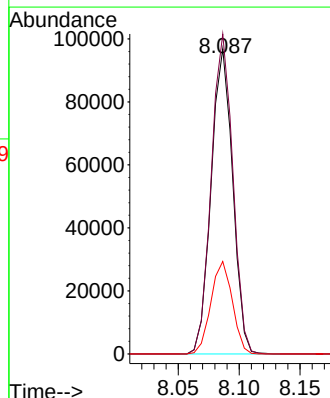
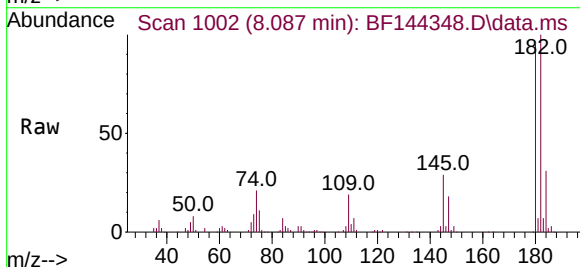
Tgt Ion:180 Resp: 118733

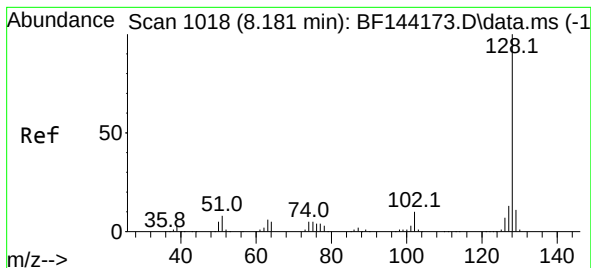
Ion Ratio Lower Upper

180 100

182 104.9 87.7 131.5

145 30.3 25.4 38.0





#31

Naphthalene

Concen: 40.378 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

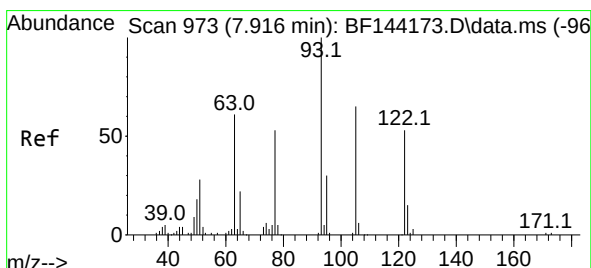
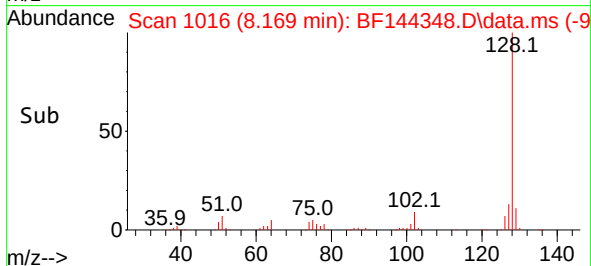
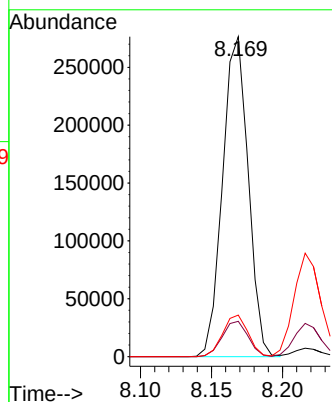
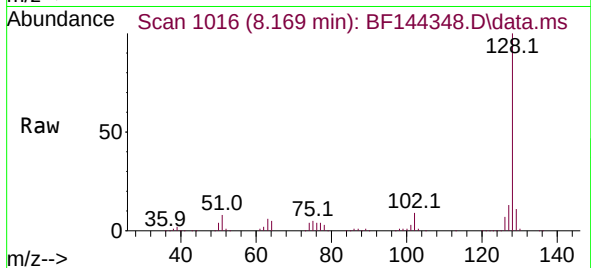
Tgt Ion:128 Resp: 347035

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.0 10.3 15.5



#32

Benzoic acid

Concen: 32.304 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.047 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

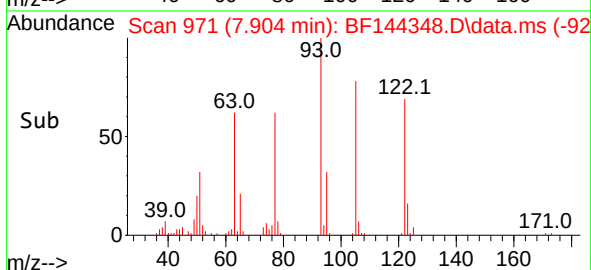
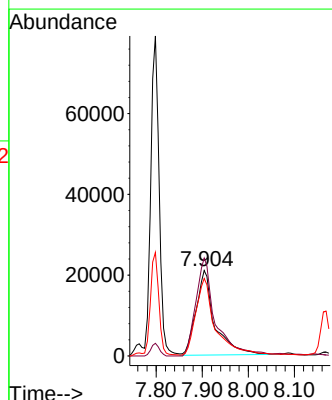
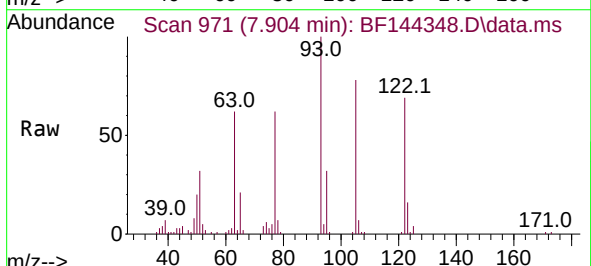
Tgt Ion:122 Resp: 59676

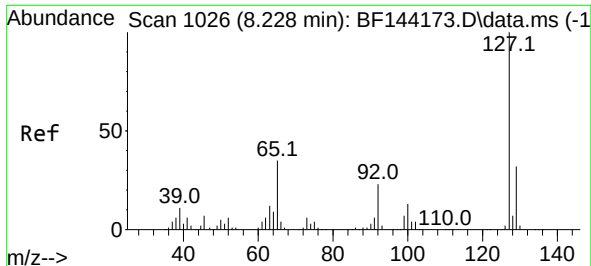
Ion Ratio Lower Upper

122 100

105 114.5 99.9 139.9

77 90.7 77.5 117.5

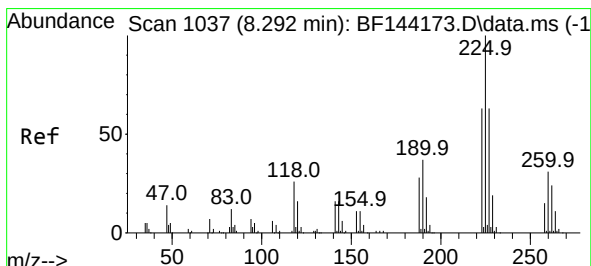
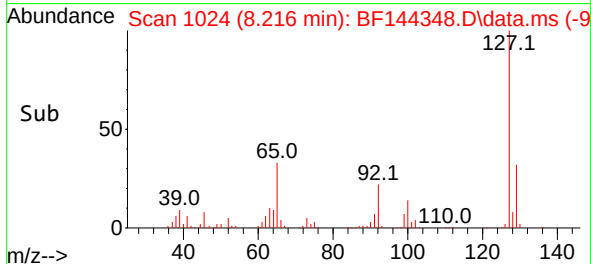
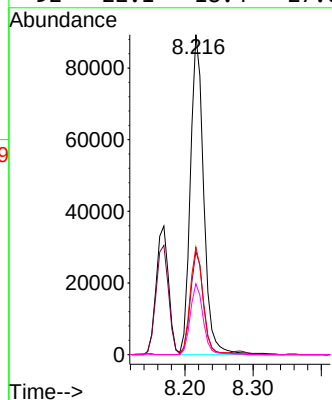
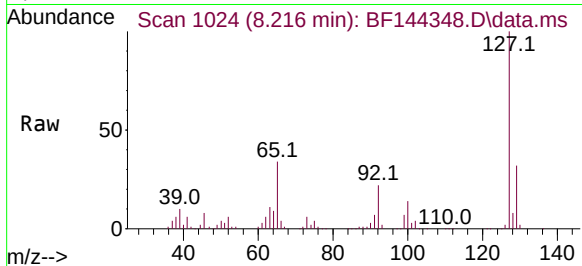




#33
4-Chloroaniline
Concen: 38.804 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

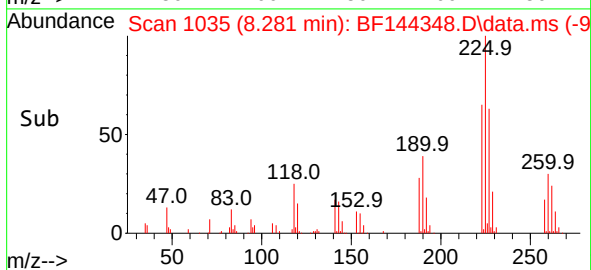
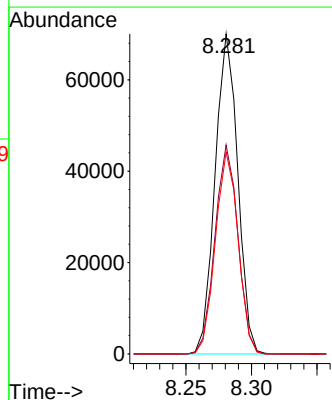
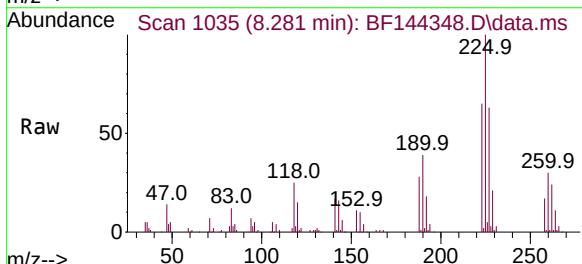
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

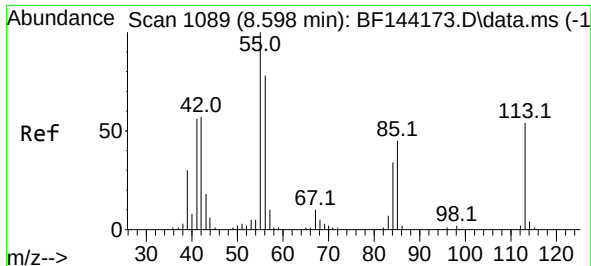
Tgt Ion:	127	Resp:	121635
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	33.6	27.6	41.4
92	22.1	18.4	27.6



#34
Hexachlorobutadiene
Concen: 37.463 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:	225	Resp:	84211
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.2	75.4
227	63.0	50.1	75.1

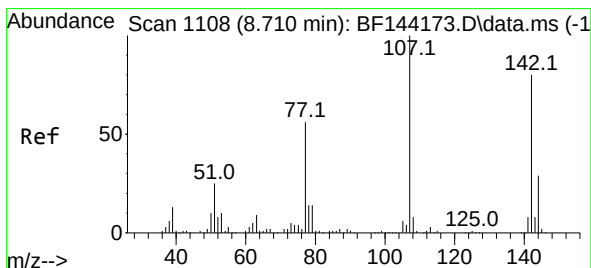
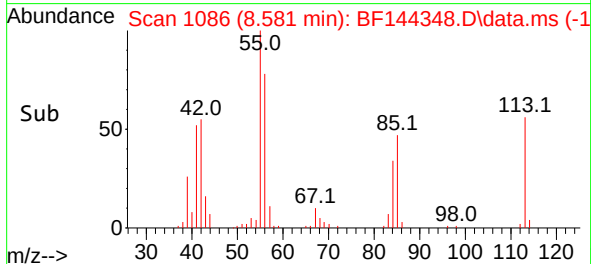
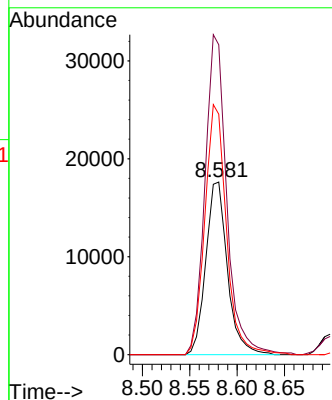
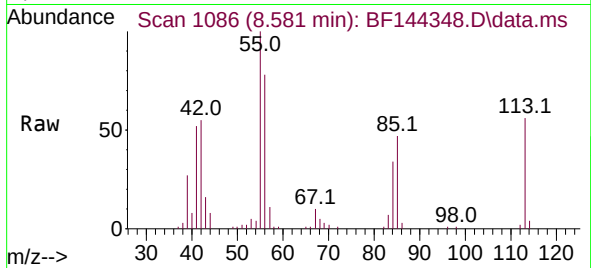




#35
 Caprolactam
 Concen: 35.178 ng
 RT: 8.581 min Scan# 1086
 Delta R.T. -0.041 min
 Lab File: BF144348.D
 Acq: 25 Nov 2025 13:54

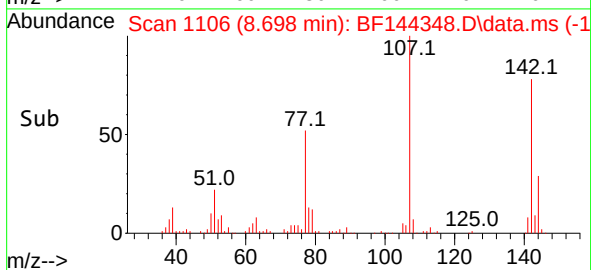
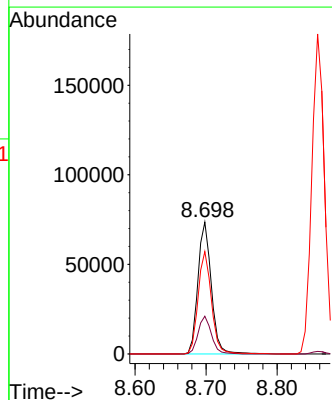
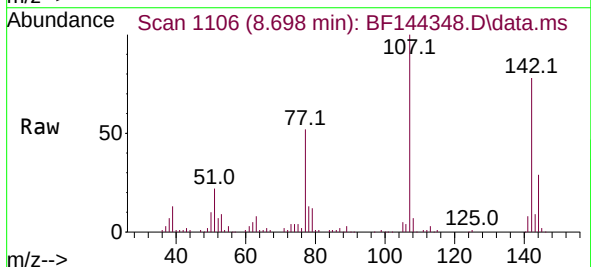
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

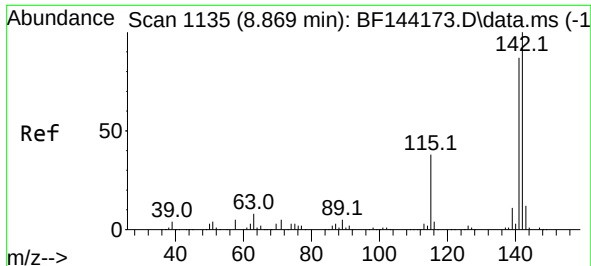
Tgt Ion:113 Resp: 27994
 Ion Ratio Lower Upper
 113 100
 55 179.5 166.8 206.8
 56 139.2 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.014 ng
 RT: 8.698 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF144348.D
 Acq: 25 Nov 2025 13:54

Tgt Ion:107 Resp: 96354
 Ion Ratio Lower Upper
 107 100
 144 28.6 23.3 34.9
 142 77.6 63.8 95.6





#37

2-Methylnaphthalene

Concen: 38.166 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

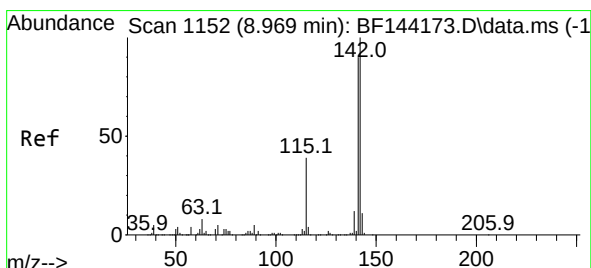
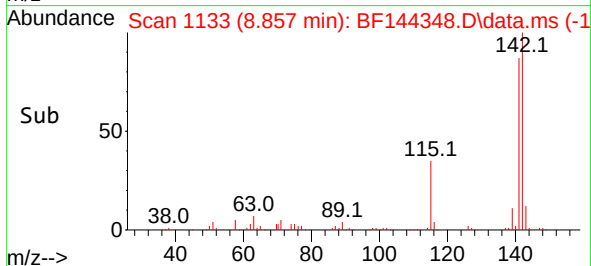
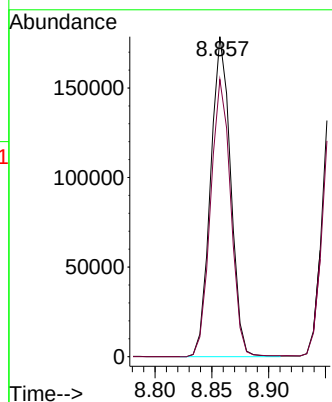
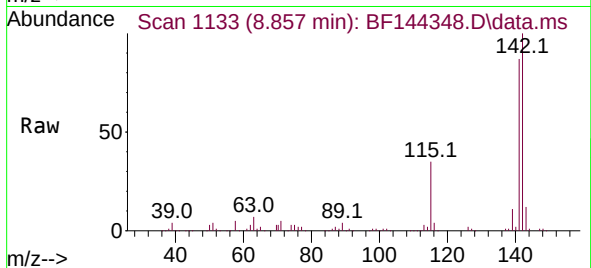
SSTDCCC040

Tgt Ion:142 Resp: 219317

Ion Ratio Lower Upper

142 100

141 86.6 69.9 104.9



#38

1-Methylnaphthalene

Concen: 37.735 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144348.D

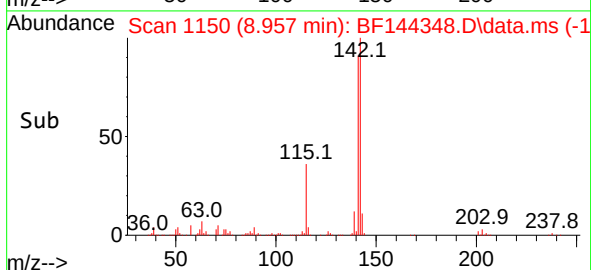
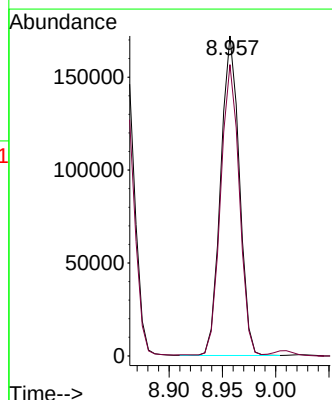
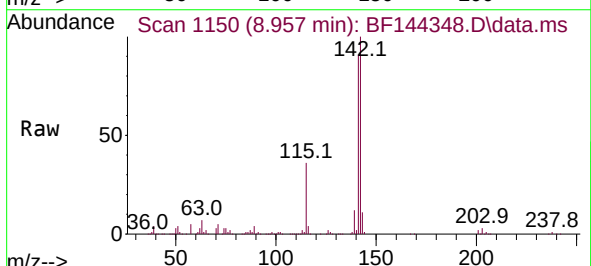
Acq: 25 Nov 2025 13:54

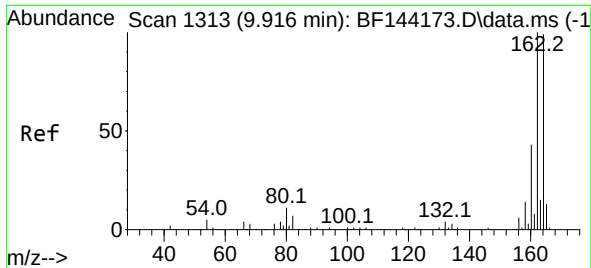
Tgt Ion:142 Resp: 209225

Ion Ratio Lower Upper

142 100

141 91.0 72.1 108.1

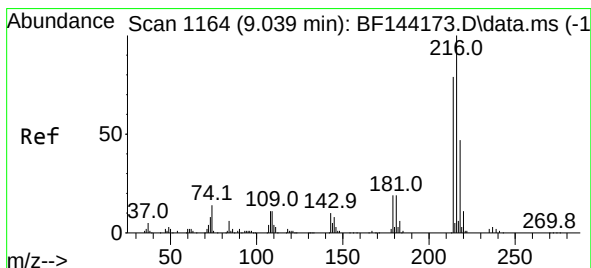
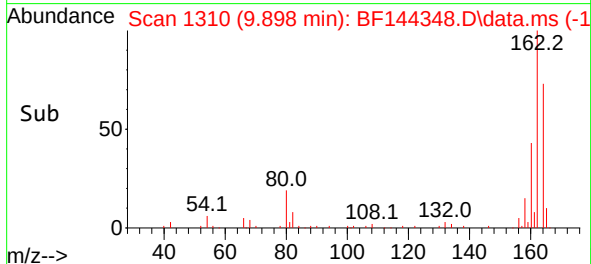
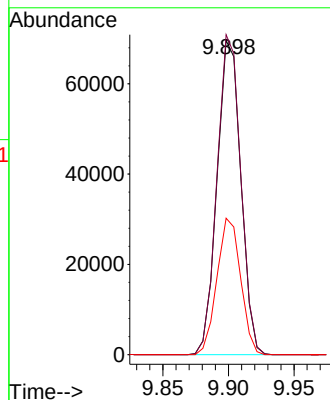
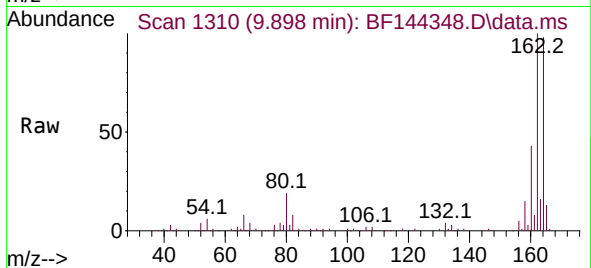




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

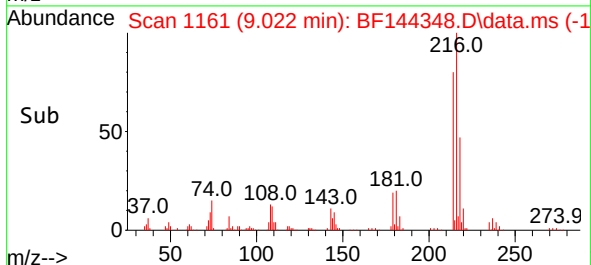
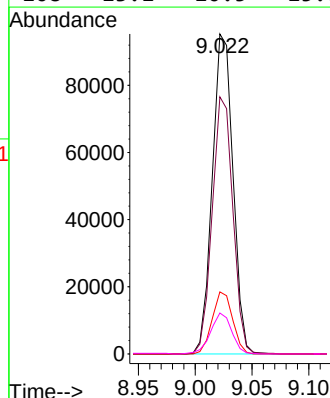
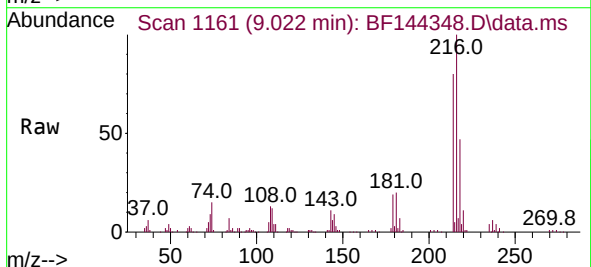
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

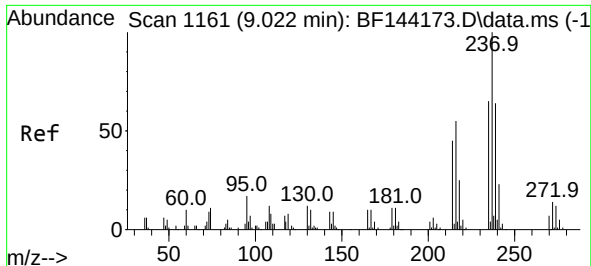
Tgt Ion:164 Resp: 87905
Ion Ratio Lower Upper
164 100
162 101.8 81.1 121.7
160 43.4 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.821 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:216 Resp: 120482
Ion Ratio Lower Upper
216 100
214 80.3 63.4 95.2
179 19.1 15.0 22.4
108 13.1 10.5 15.7

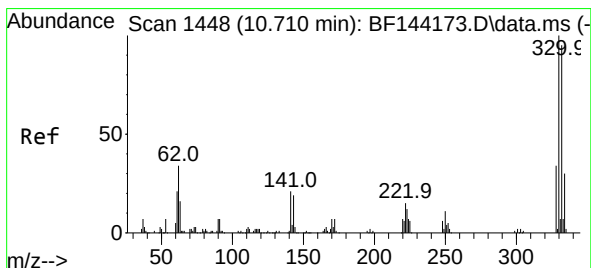
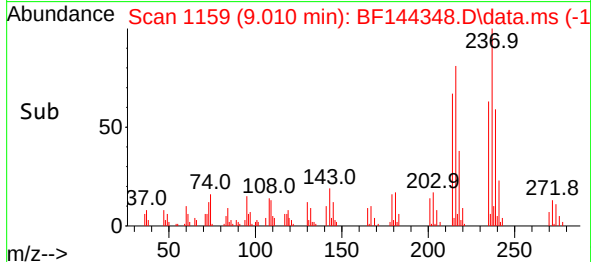
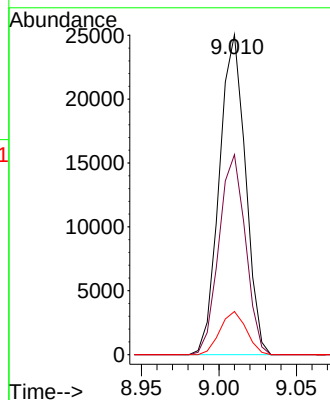
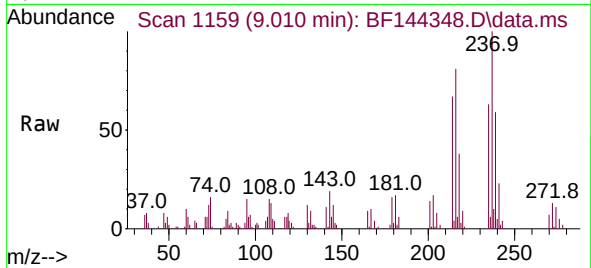




#41
Hexachlorocyclopentadiene
Concen: 34.982 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

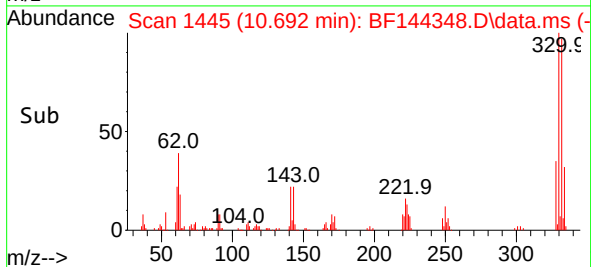
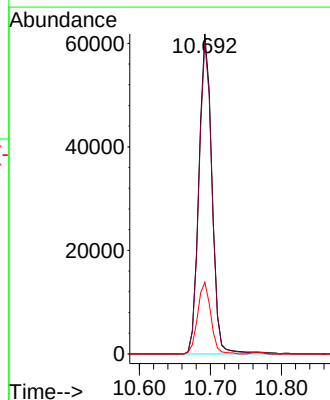
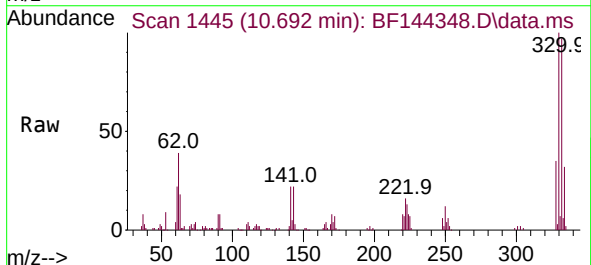
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

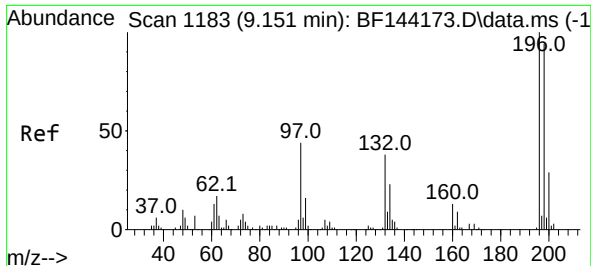
Tgt Ion:237 Resp: 29442
Ion Ratio Lower Upper
237 100
235 62.5 45.5 85.5
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 71.250 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:330 Resp: 78596
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 22.4 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.751 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

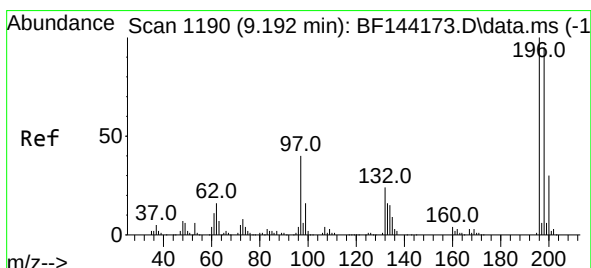
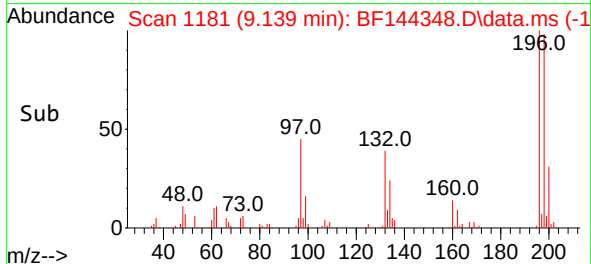
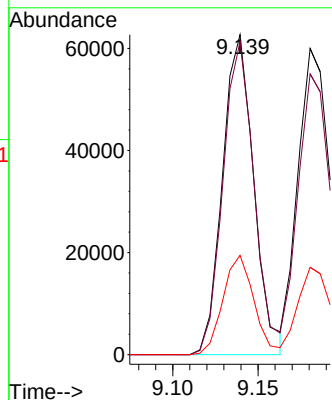
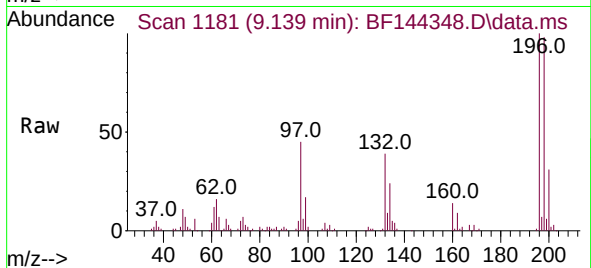
Tgt Ion:196 Resp: 79905

Ion Ratio Lower Upper

196 100

198 97.8 75.3 112.9

200 31.0 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 39.839 ng

RT: 9.181 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Tgt Ion:196 Resp: 84192

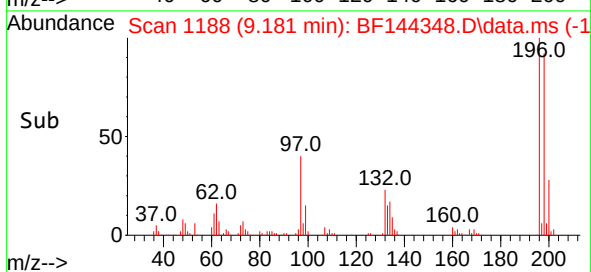
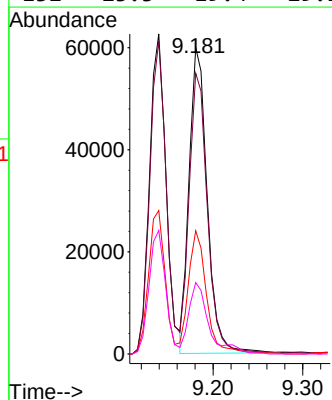
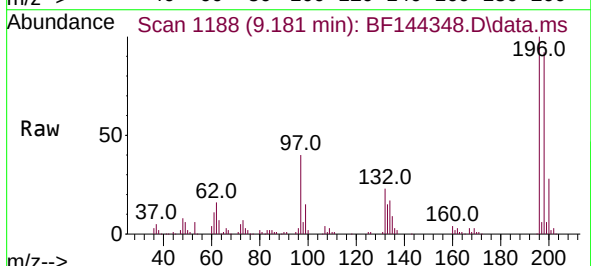
Ion Ratio Lower Upper

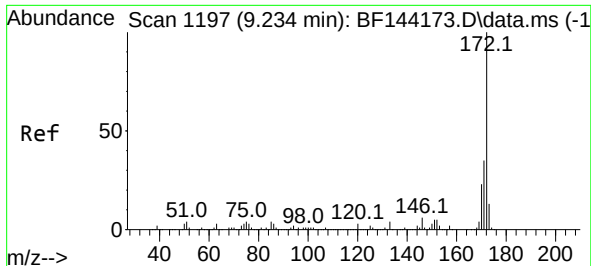
196 100

198 91.7 76.1 114.1

97 40.2 31.9 47.9

132 23.3 19.4 29.2

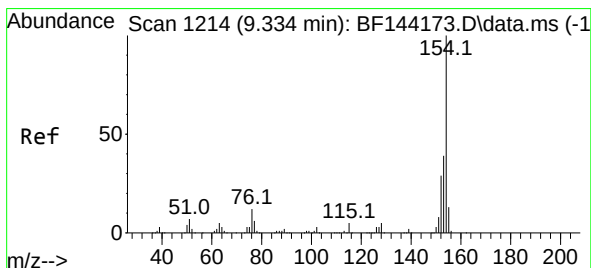
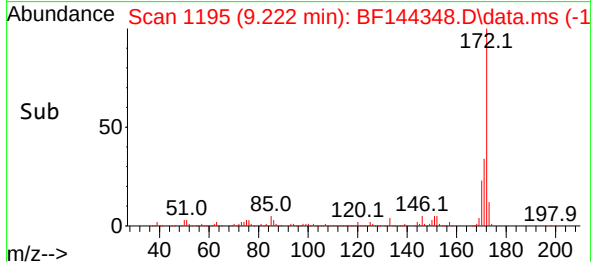
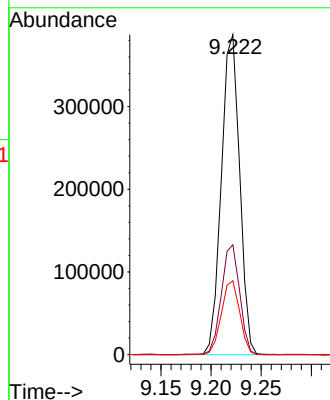
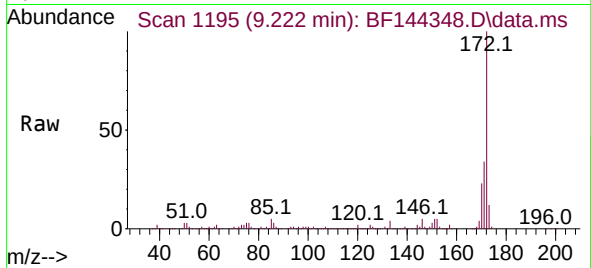




#45
2-Fluorobiphenyl
Concen: 82.830 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

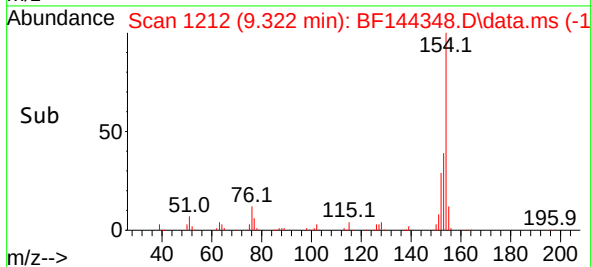
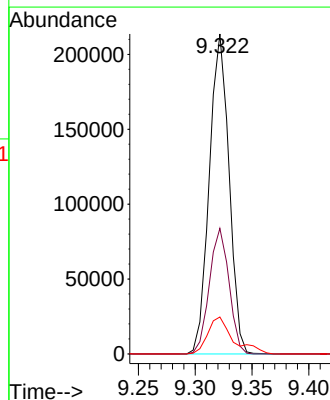
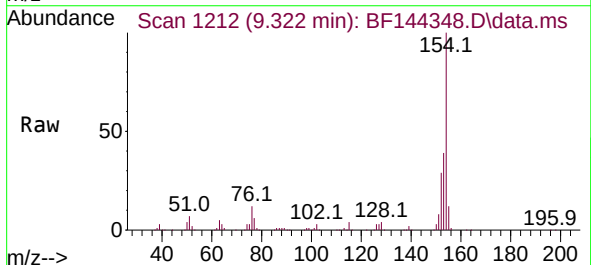
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

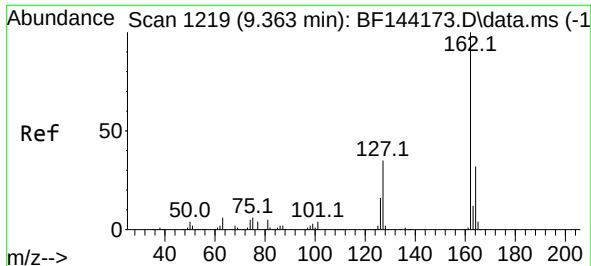
Tgt Ion:172 Resp: 492993
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.052 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:154 Resp: 258035
Ion Ratio Lower Upper
154 100
153 39.2 19.2 59.2
76 11.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.252 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

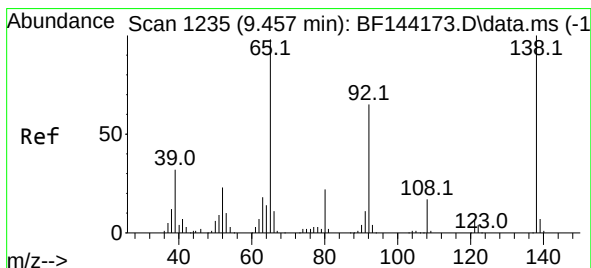
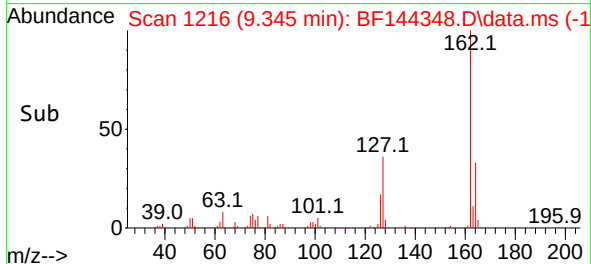
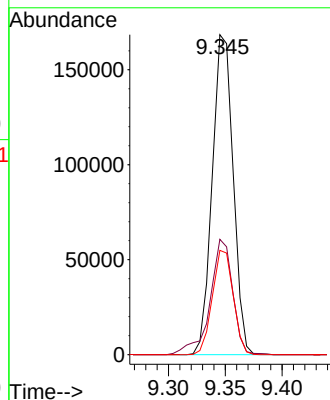
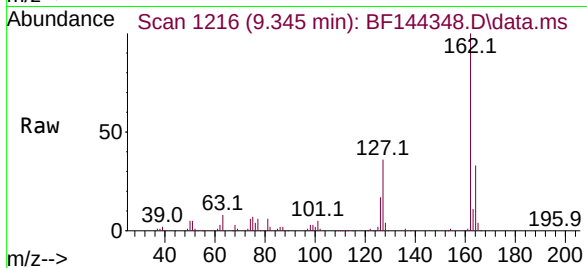
Tgt Ion:162 Resp: 215916

Ion Ratio Lower Upper

162 100

127 36.0 28.8 43.2

164 32.6 25.8 38.8



#48

2-Nitroaniline

Concen: 39.182 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

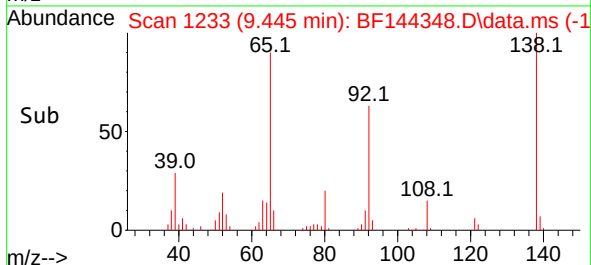
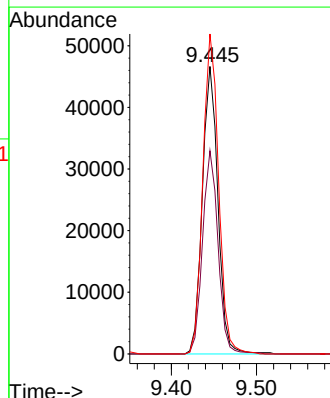
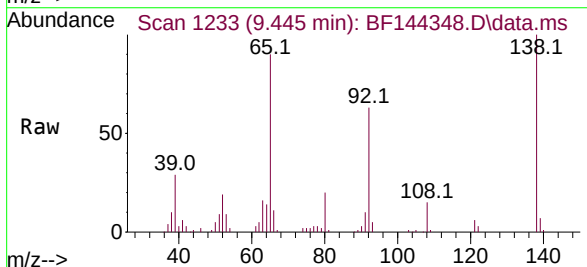
Tgt Ion: 65 Resp: 59174

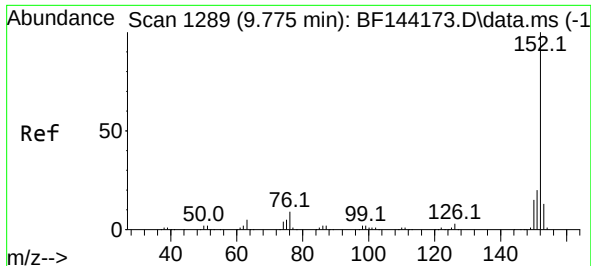
Ion Ratio Lower Upper

65 100

92 70.7 53.0 79.6

138 111.3 81.6 122.4





#49

Acenaphthylene

Concen: 40.909 ng

RT: 9.763 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

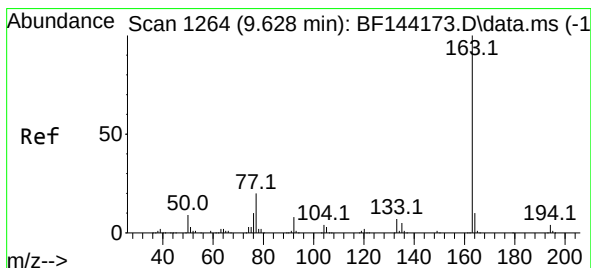
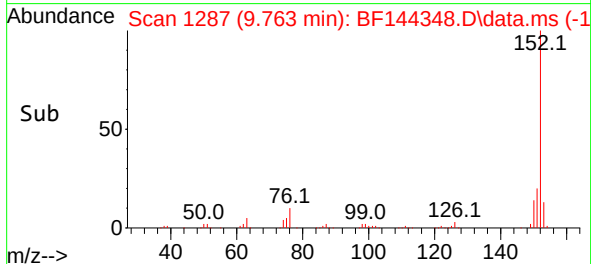
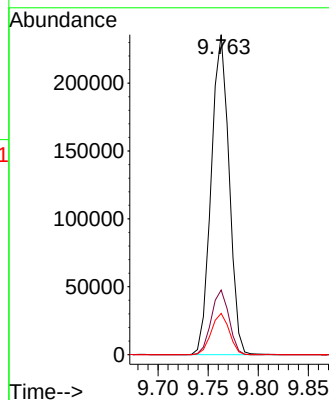
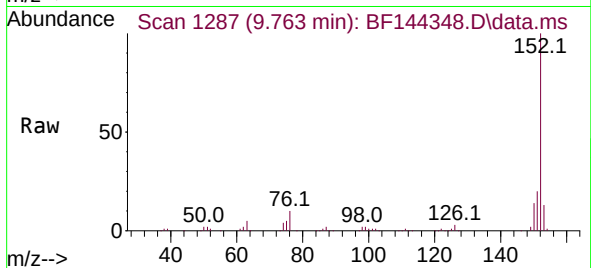
Tgt Ion:152 Resp: 291788

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 39.061 ng

RT: 9.616 min Scan# 1262

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

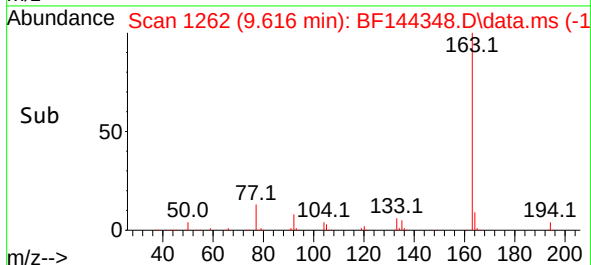
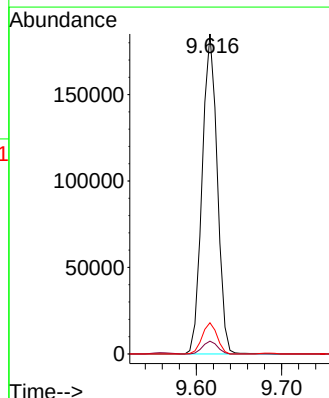
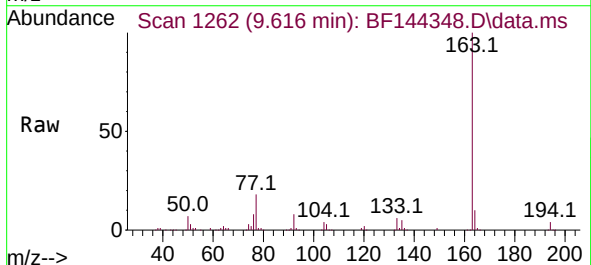
Tgt Ion:163 Resp: 227472

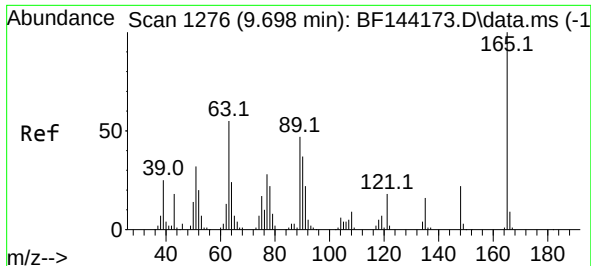
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.7 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.332 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

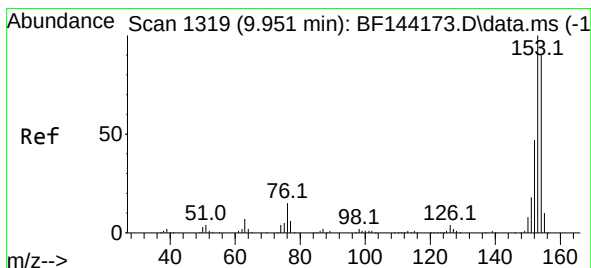
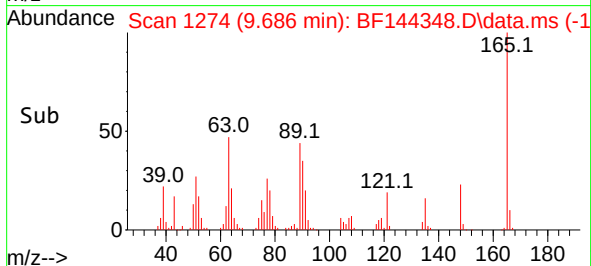
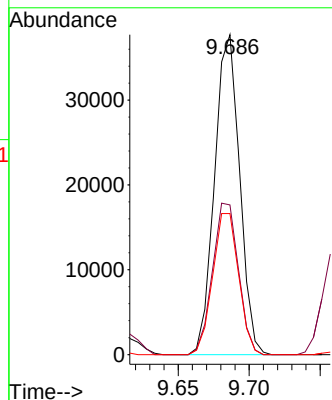
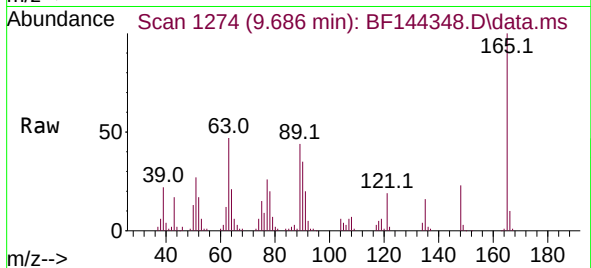
Tgt Ion:165 Resp: 46367

Ion Ratio Lower Upper

165 100

63 46.8 43.8 65.8

89 44.1 37.5 56.3



#52

Acenaphthene

Concen: 37.975 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

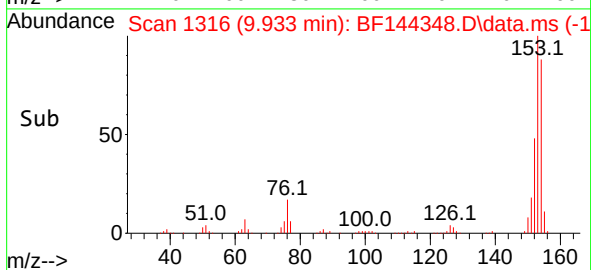
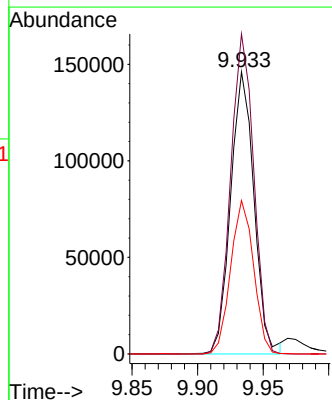
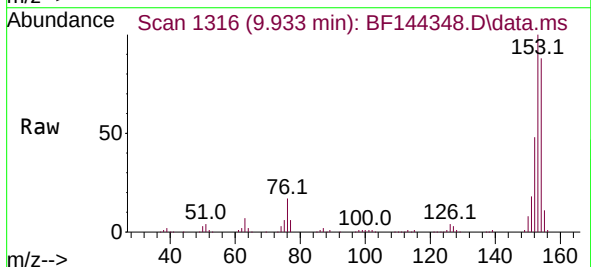
Tgt Ion:154 Resp: 181131

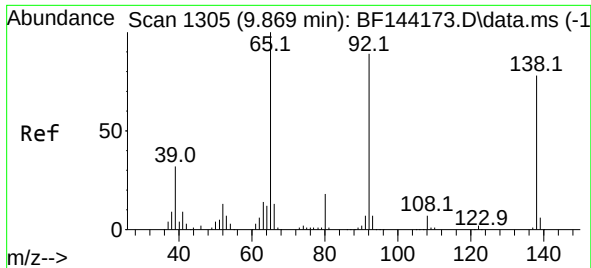
Ion Ratio Lower Upper

154 100

153 113.4 89.0 133.4

152 54.4 42.2 63.4

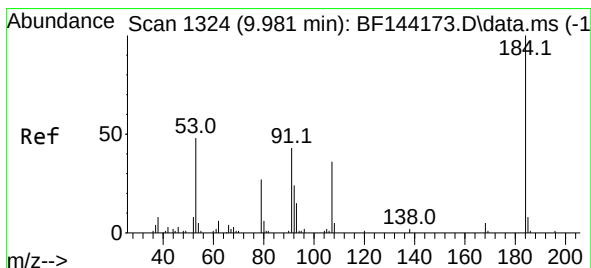
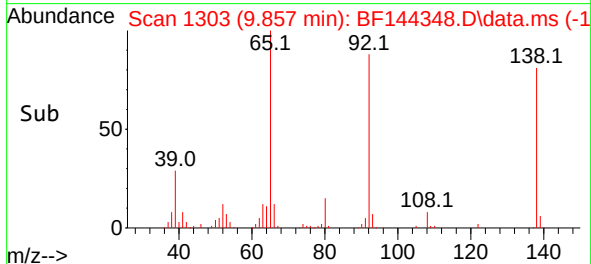
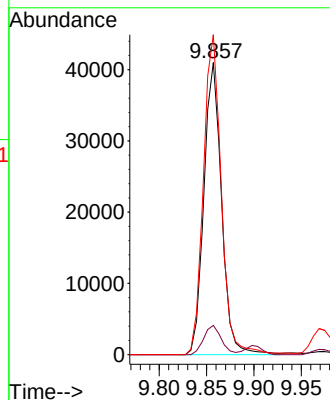
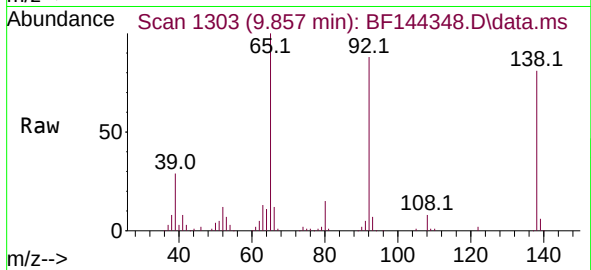




#53
3-Nitroaniline
Concen: 41.430 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

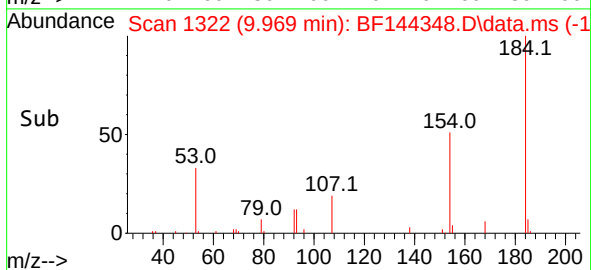
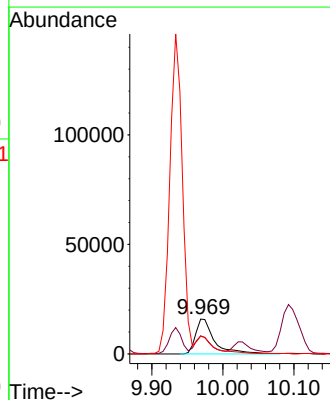
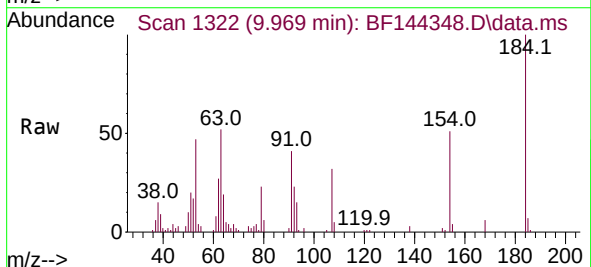
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

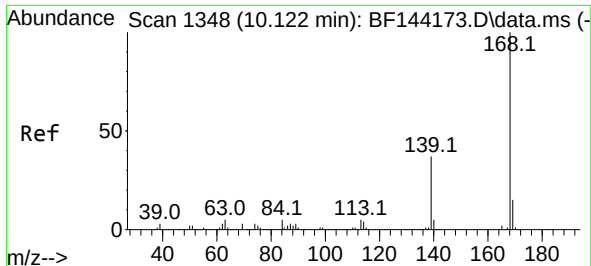
Tgt Ion:138 Resp: 53390
Ion Ratio Lower Upper
138 100
108 10.0 7.5 11.3
92 109.6 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 41.029 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:184 Resp: 29207
Ion Ratio Lower Upper
184 100
63 51.6 44.0 66.0
154 51.1 42.4 63.6

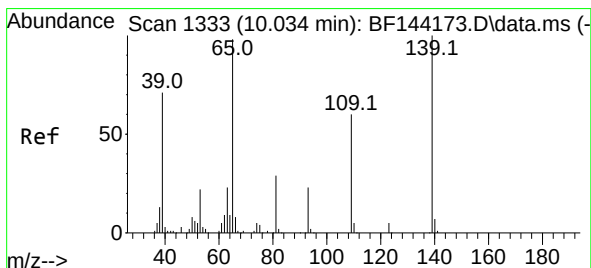
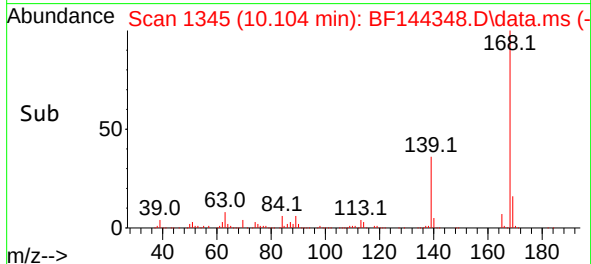
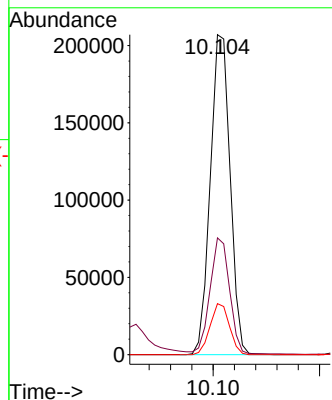
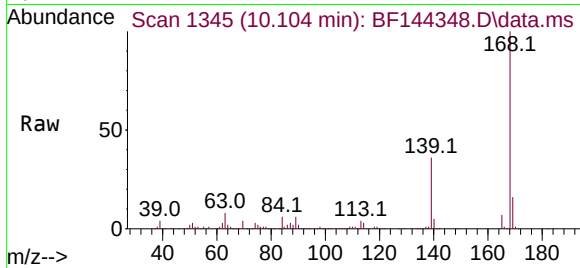




#55
Dibenzenofuran
Concen: 40.081 ng
RT: 10.104 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

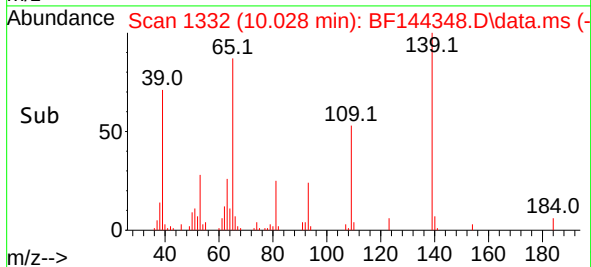
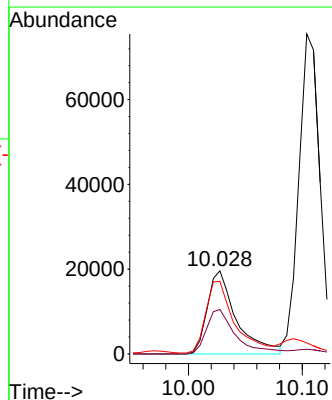
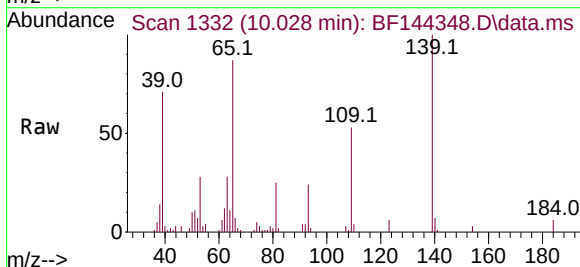
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

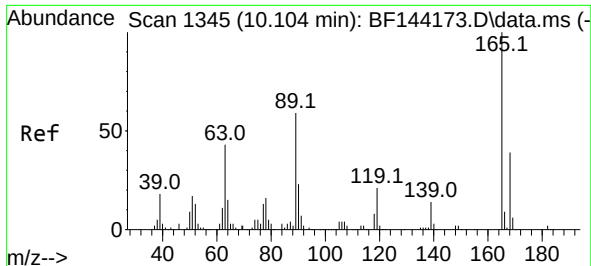
Tgt Ion:168 Resp: 267748
Ion Ratio Lower Upper
168 100
139 36.5 30.2 45.2
169 15.9 12.2 18.4



#56
4-Nitrophenol
Concen: 37.257 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:139 Resp: 34731
Ion Ratio Lower Upper
139 100
109 53.4 39.9 79.9
65 87.2 79.5 119.5

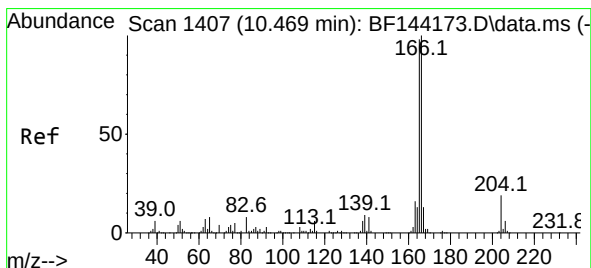
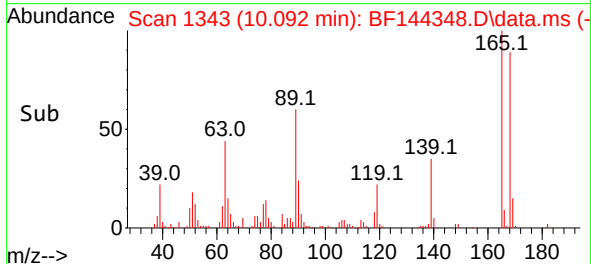
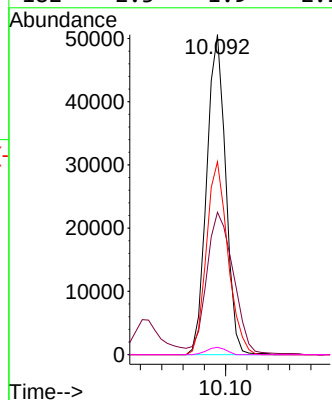
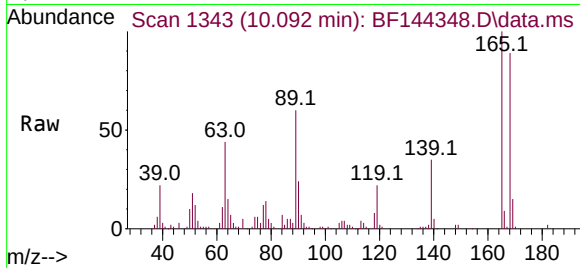




#57
2,4-Dinitrotoluene
Concen: 39.606 ng
RT: 10.092 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

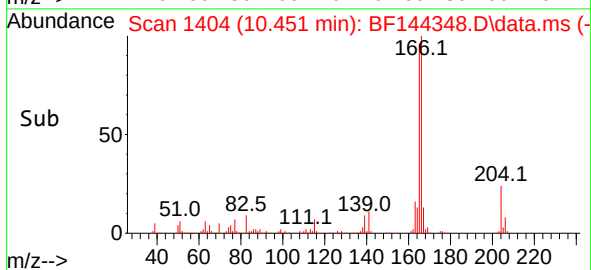
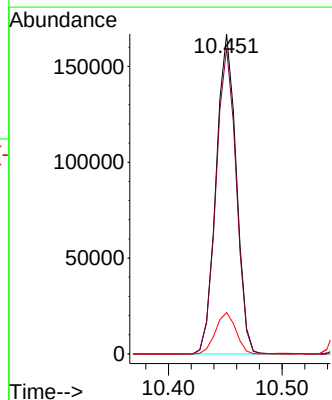
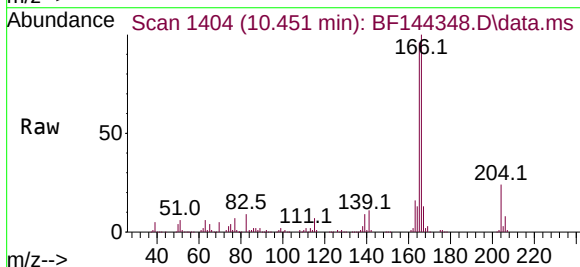
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

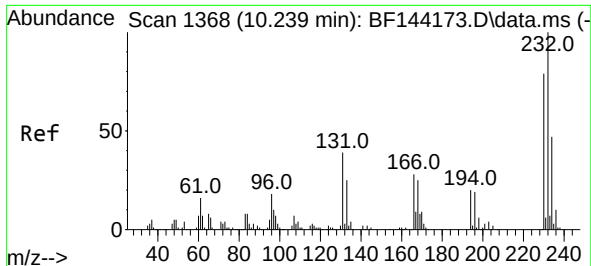
Tgt Ion:165 Resp: 62505
Ion Ratio Lower Upper
165 100
63 44.5 35.5 53.3
89 60.3 47.4 71.2
182 2.3 1.9 2.9



#58
Fluorene
Concen: 40.365 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:166 Resp: 205016
Ion Ratio Lower Upper
166 100
165 95.6 78.6 118.0
167 12.9 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.100 ng

RT: 10.228 min Scan# 1366

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 56966

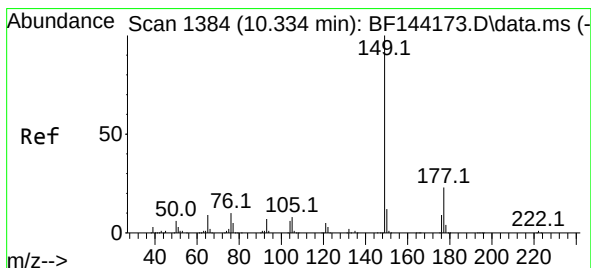
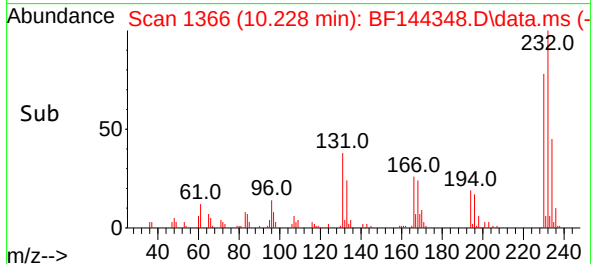
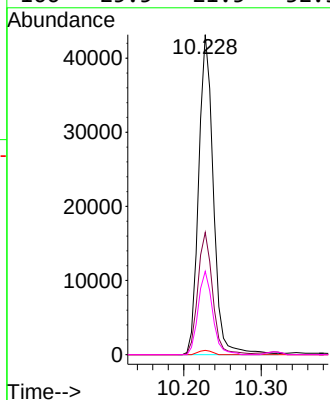
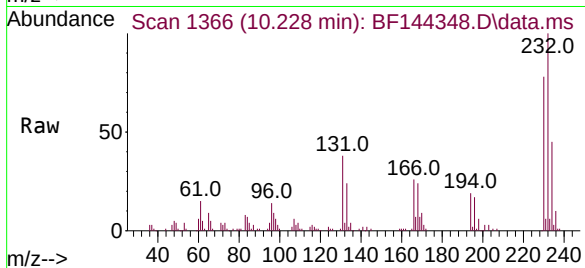
Ion Ratio Lower Upper

232 100

131 38.3 30.3 45.5

130 1.2 1.2 1.8#

166 25.5 21.5 32.3



#60

Diethylphthalate

Concen: 37.785 ng

RT: 10.316 min Scan# 1381

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

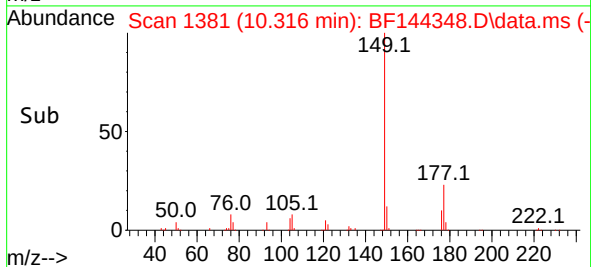
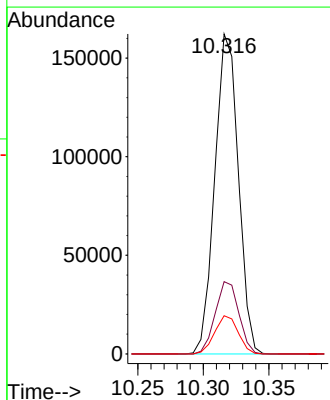
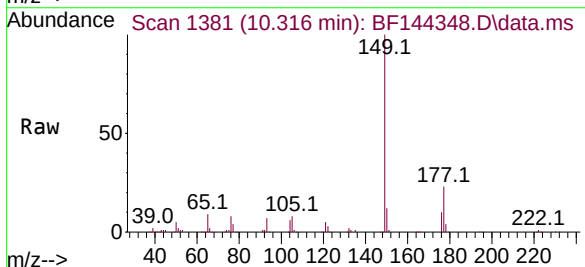
Tgt Ion:149 Resp: 202846

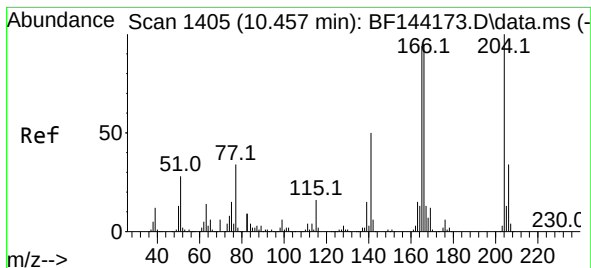
Ion Ratio Lower Upper

149 100

177 22.6 18.3 27.5

150 11.9 9.8 14.6

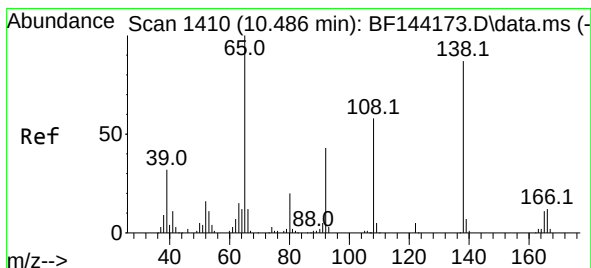
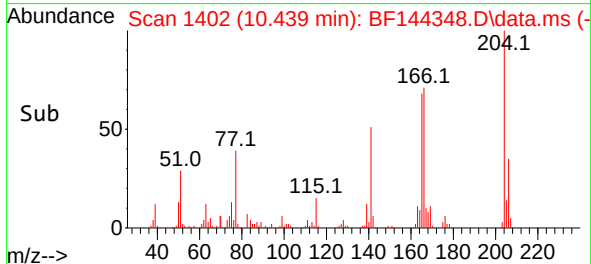
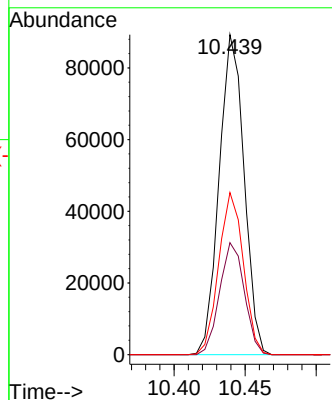
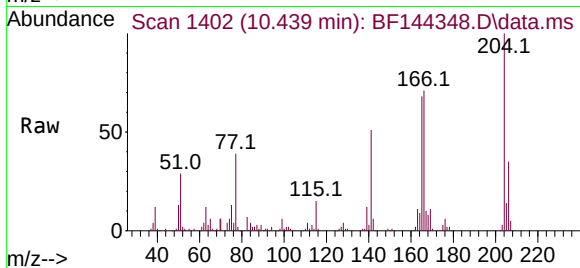




#61
4-Chlorophenyl-phenylether
Concen: 37.744 ng
RT: 10.439 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

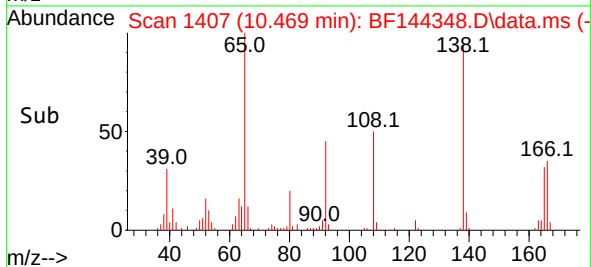
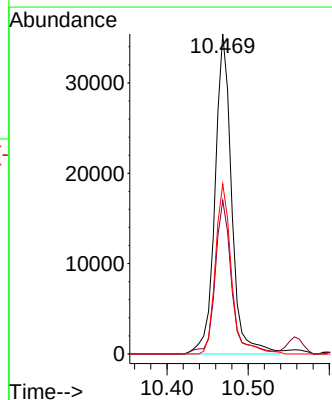
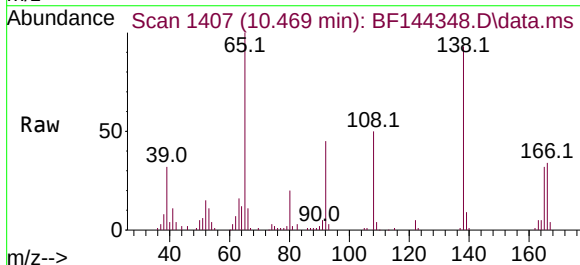
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

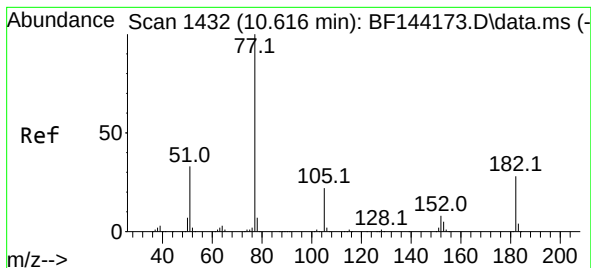
Tgt Ion:204 Resp: 109198
Ion Ratio Lower Upper
204 100
206 35.0 27.4 41.2
141 50.6 40.0 60.0



#62
4-Nitroaniline
Concen: 41.149 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:138 Resp: 50500
Ion Ratio Lower Upper
138 100
92 47.9 29.4 69.4
108 53.1 46.4 86.4





#63

Azobenzene

Concen: 39.276 ng

RT: 10.604 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 196232

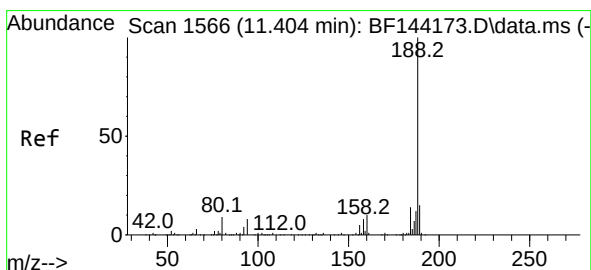
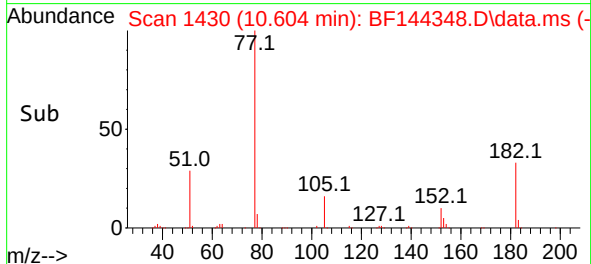
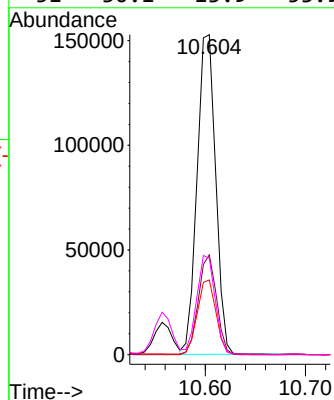
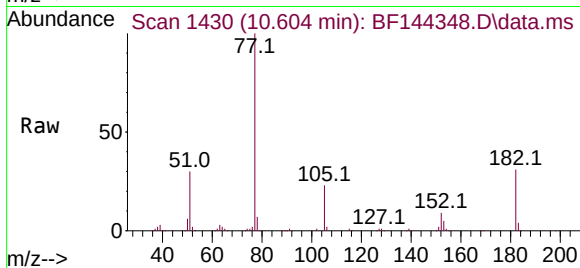
Ion Ratio Lower Upper

77 100

182 31.2 8.1 48.1

105 23.3 2.0 42.0

51 30.1 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

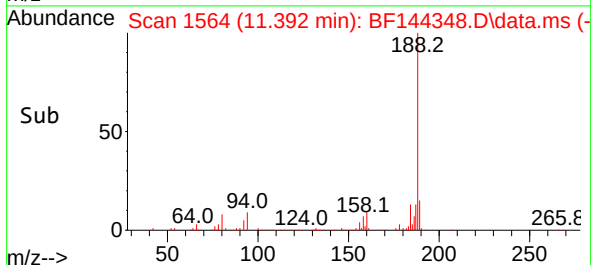
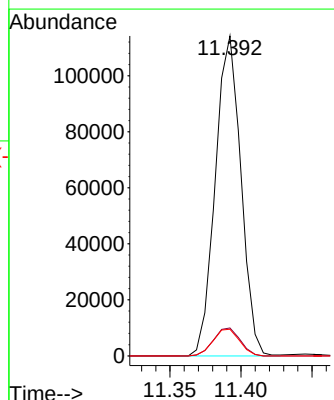
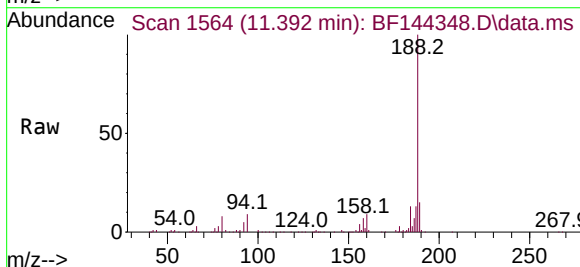
Tgt Ion: 188 Resp: 143543

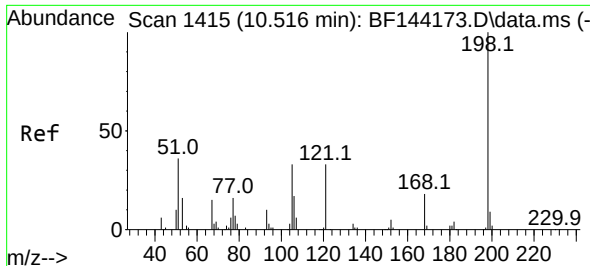
Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.2

80 8.3 6.9 10.3

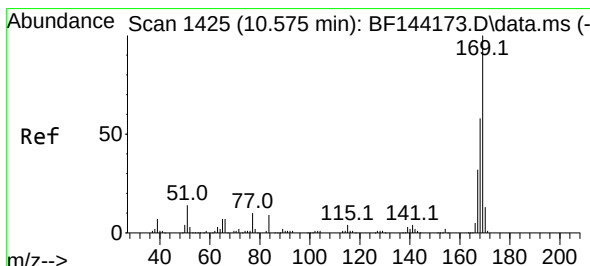
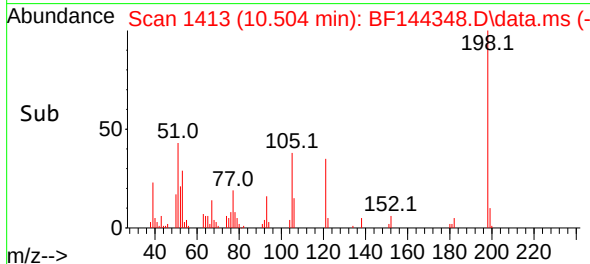
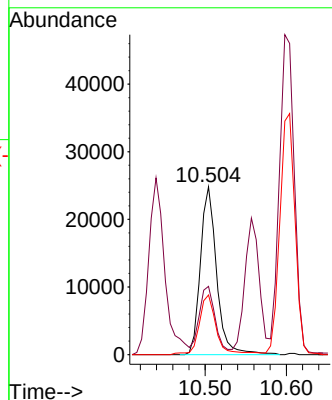
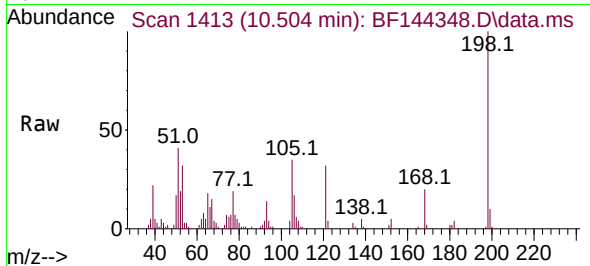




#65
4,6-Dinitro-2-methylphenol
Concen: 35.291 ng
RT: 10.504 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

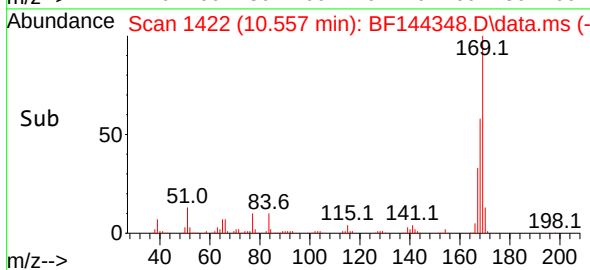
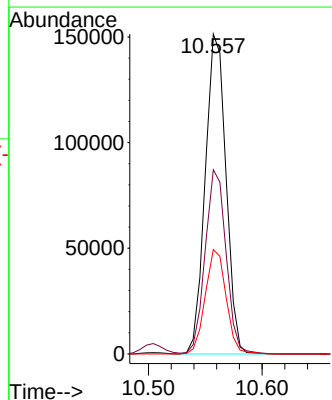
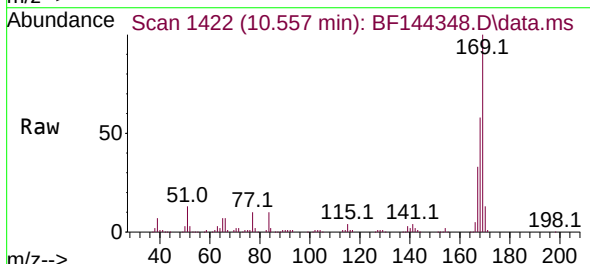
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

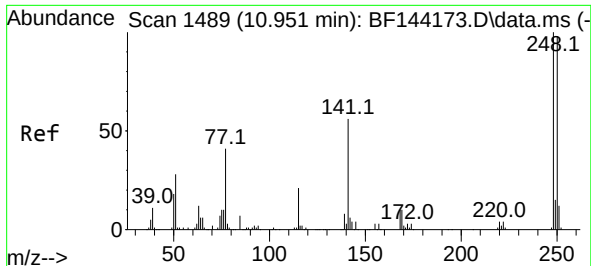
Tgt Ion:198 Resp: 34414
Ion Ratio Lower Upper
198 100
51 40.7 25.6 65.6
105 35.5 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 41.610 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:169 Resp: 192100
Ion Ratio Lower Upper
169 100
168 57.5 46.2 69.2
167 32.6 25.7 38.5

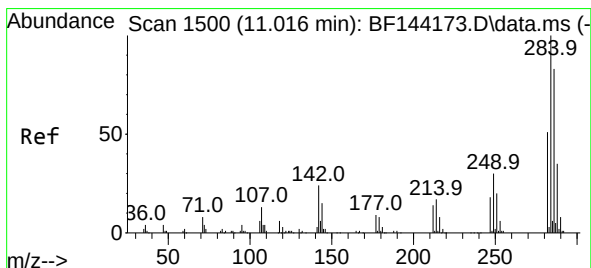
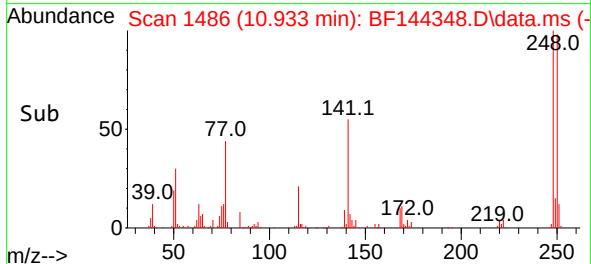
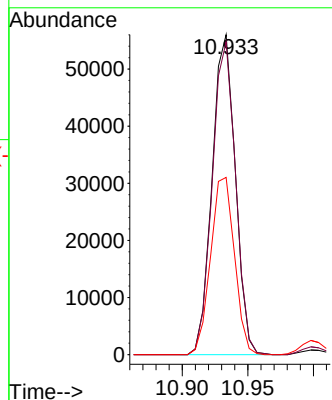
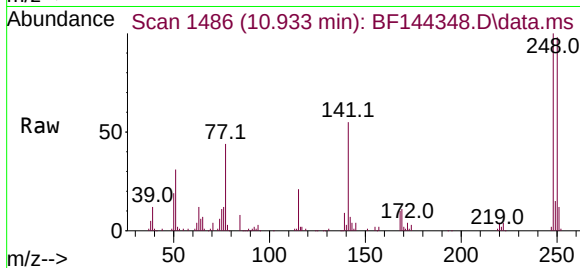




#67
4-Bromophenyl-phenylether
Concen: 37.703 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

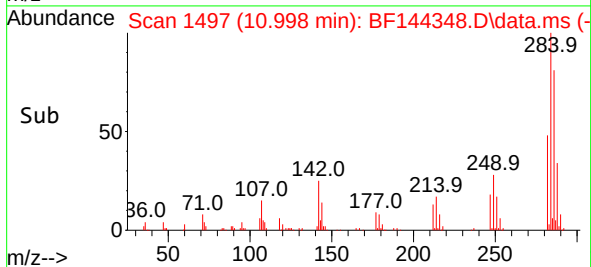
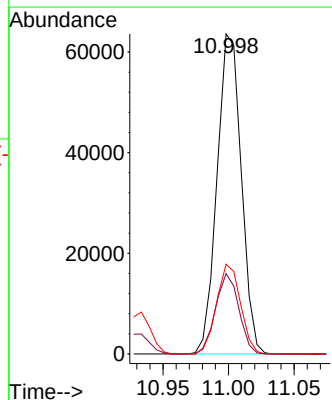
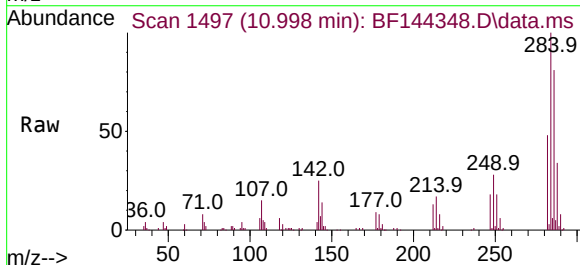
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

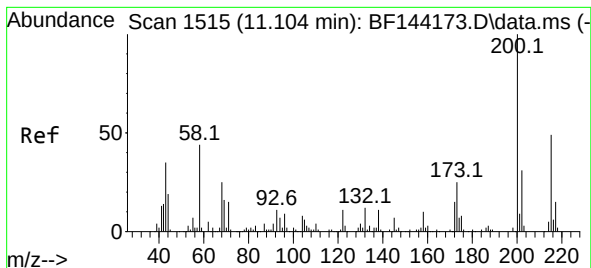
Tgt Ion:248 Resp: 69080
Ion Ratio Lower Upper
248 100
250 97.7 78.4 117.6
141 55.4 45.1 67.7



#68
Hexachlorobenzene
Concen: 37.962 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:284 Resp: 81924
Ion Ratio Lower Upper
284 100
142 25.1 19.2 28.8
249 28.1 23.8 35.8





#69

Atrazine

Concen: 37.492 ng

RT: 11.086 min Scan# 1512

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

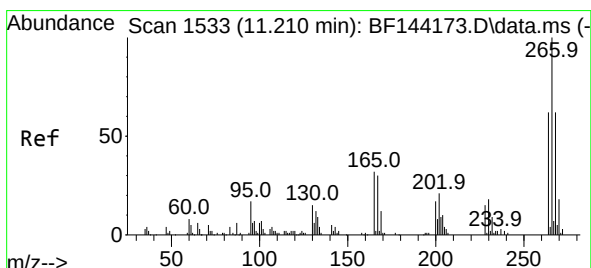
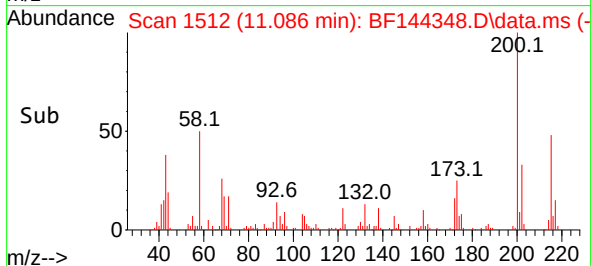
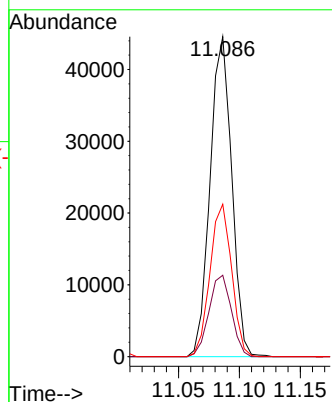
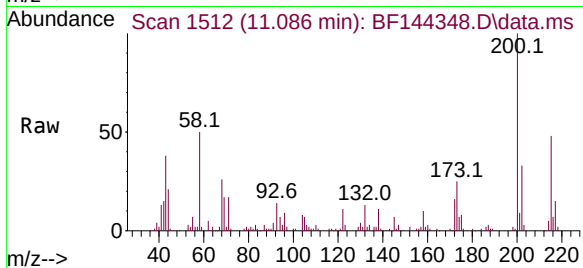
Tgt Ion:200 Resp: 55047

Ion Ratio Lower Upper

200 100

173 25.4 5.0 45.0

215 47.6 28.7 68.7



#70

Pentachlorophenol

Concen: 40.962 ng

RT: 11.198 min Scan# 1531

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

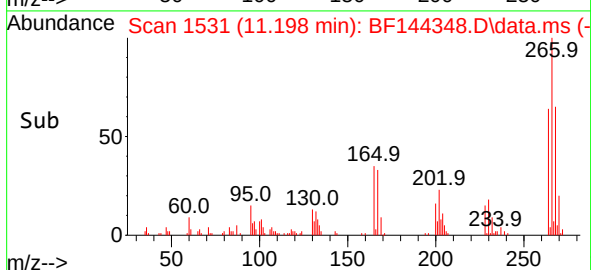
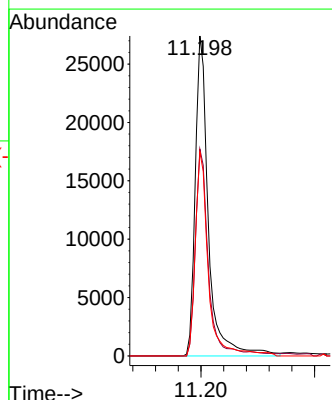
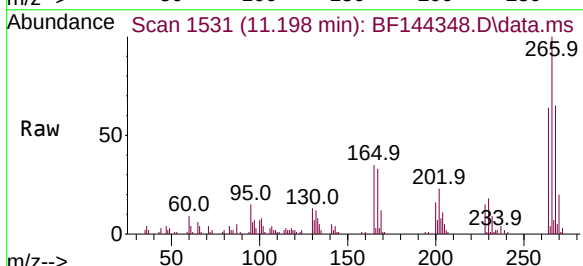
Tgt Ion:266 Resp: 44019

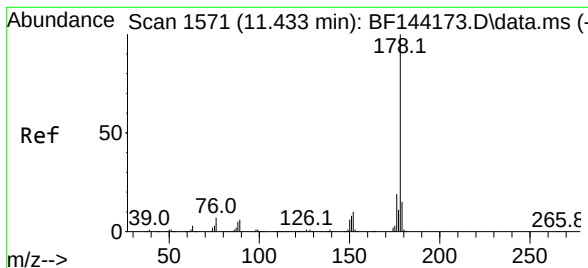
Ion Ratio Lower Upper

266 100

268 64.6 49.5 74.3

264 63.8 49.4 74.2





#71

Phenanthrene

Concen: 41.159 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

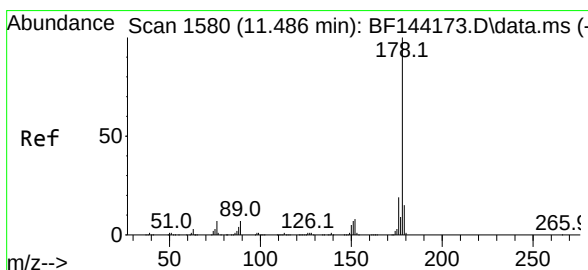
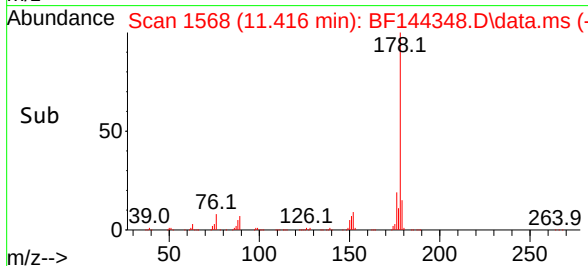
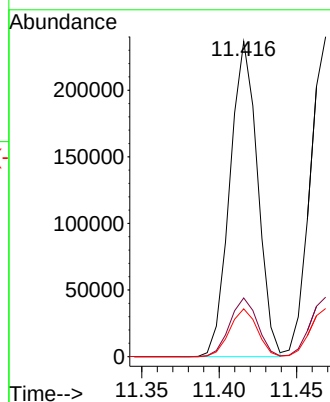
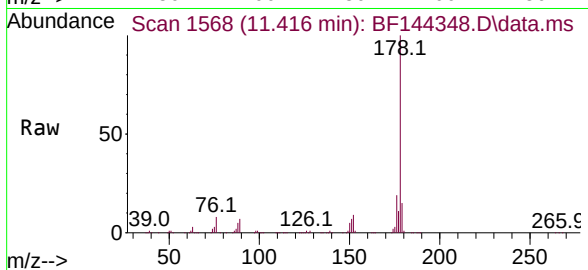
Tgt Ion:178 Resp: 294154

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

179 15.1 12.2 18.4



#72

Anthracene

Concen: 41.244 ng

RT: 11.469 min Scan# 1577

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

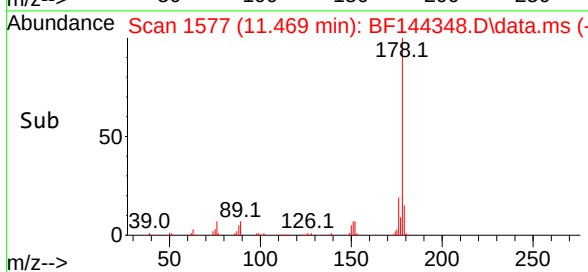
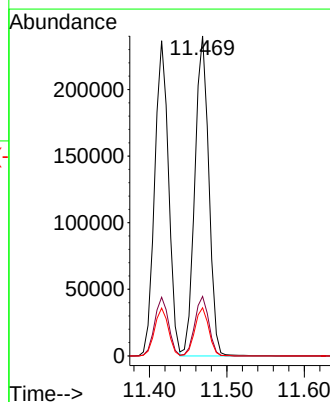
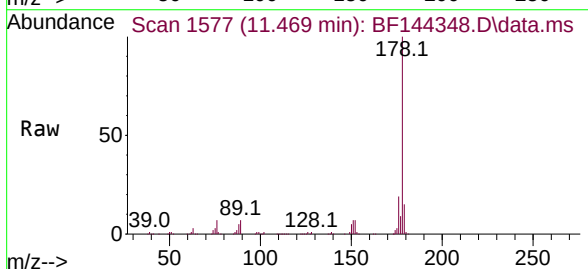
Tgt Ion:178 Resp: 299727

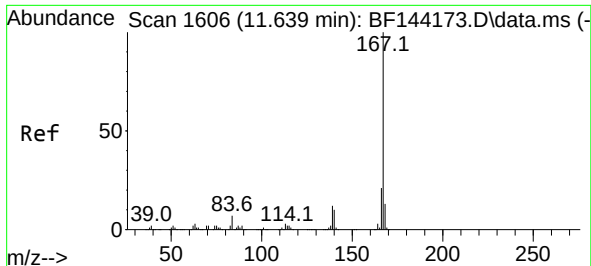
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.0 12.0 18.0

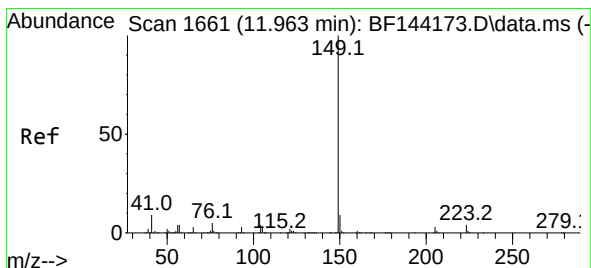
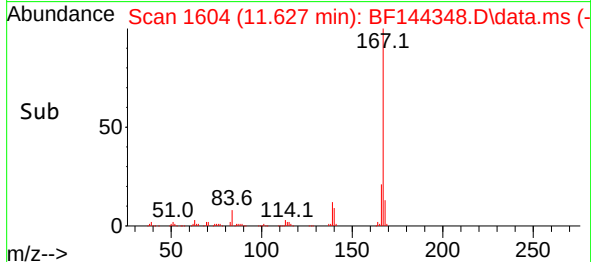
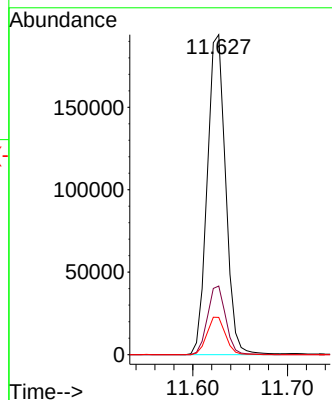
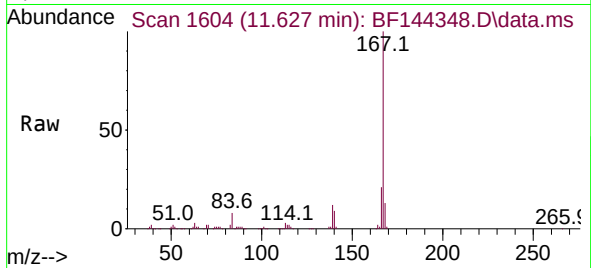




#73
Carbazole
Concen: 42.410 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

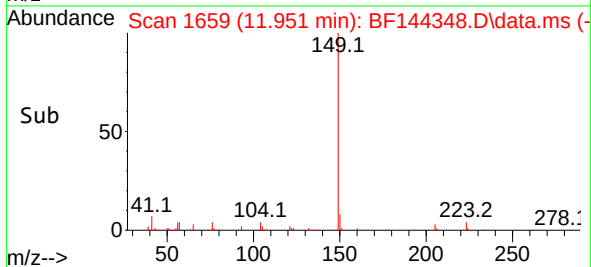
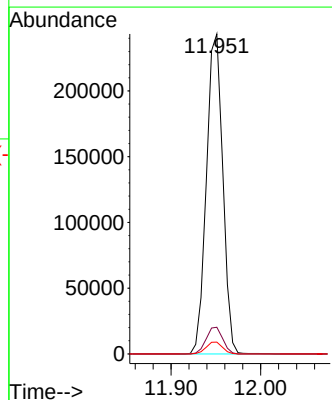
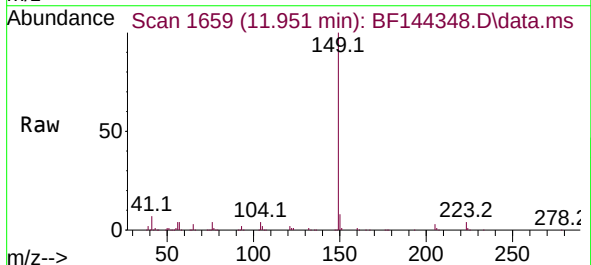
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

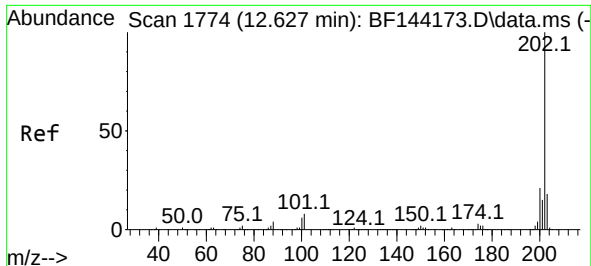
Tgt Ion:167 Resp: 262073
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 11.6 9.9 14.9



#74
Di-n-butylphthalate
Concen: 41.189 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:149 Resp: 307696
Ion Ratio Lower Upper
149 100
150 8.3 7.4 11.0
104 3.7 3.4 5.2

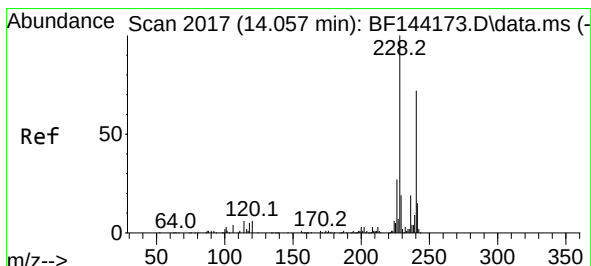
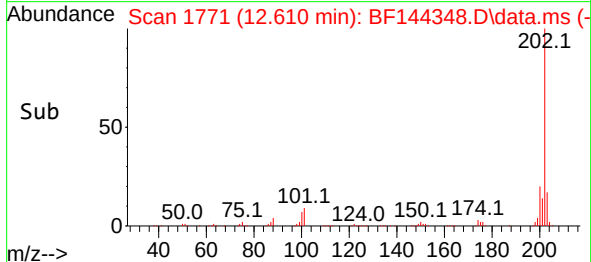
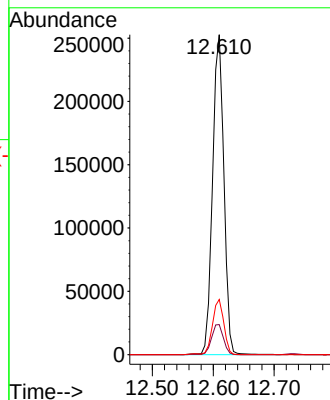
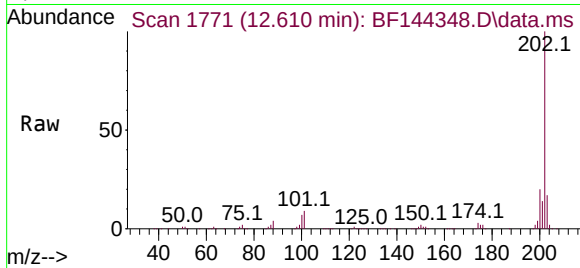




#75
Fluoranthene
Concen: 44.149 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

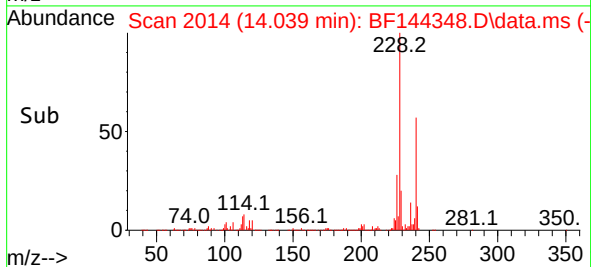
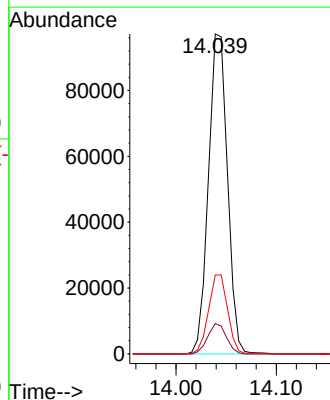
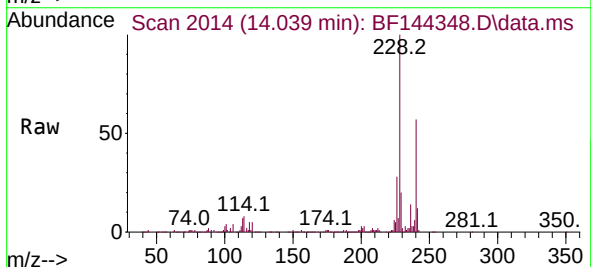
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

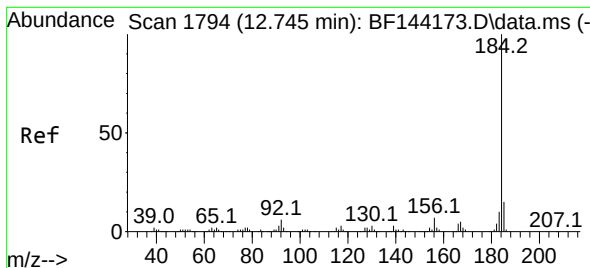
Tgt Ion:202 Resp: 325934
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.9
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:240 Resp: 127780
Ion Ratio Lower Upper
240 100
120 9.5 6.6 10.0
236 24.6 21.4 32.2





#77

Benzidine

Concen: 48.458 ng

RT: 12.733 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

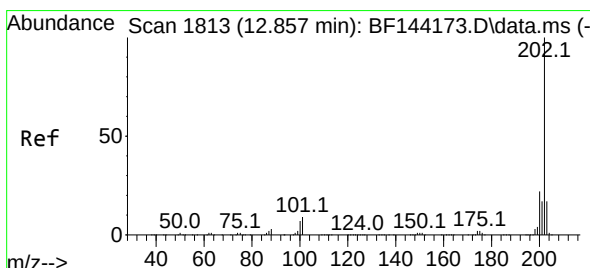
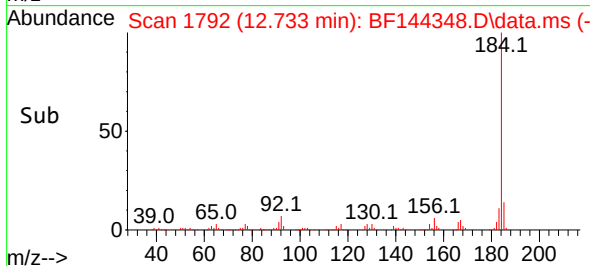
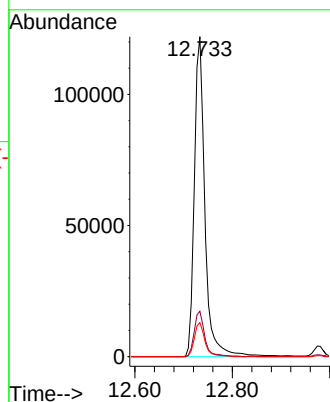
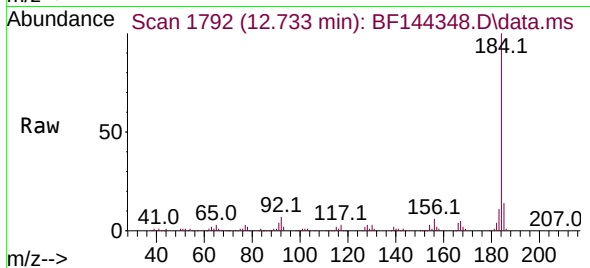
Tgt Ion:184 Resp: 183154

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 10.6 8.3 12.5



#78

Pyrene

Concen: 33.412 ng

RT: 12.839 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

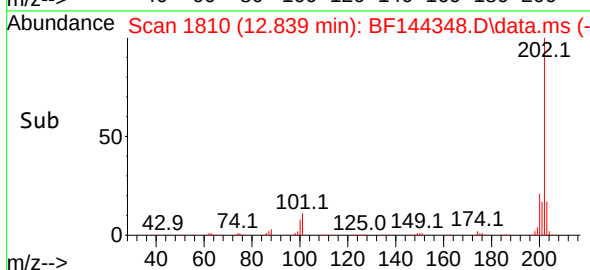
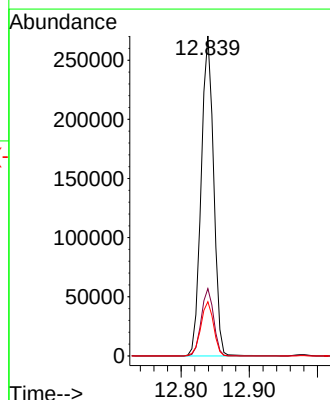
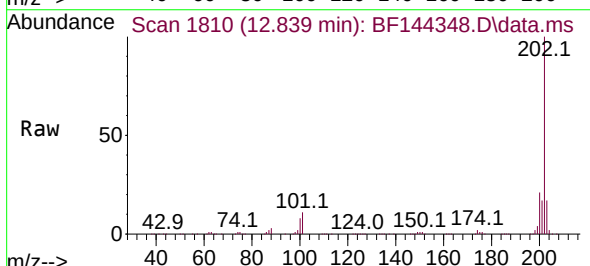
Tgt Ion:202 Resp: 344234

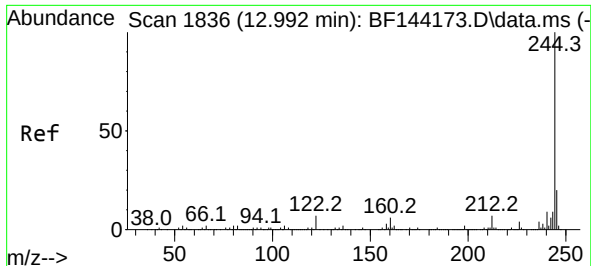
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 16.9 13.7 20.5

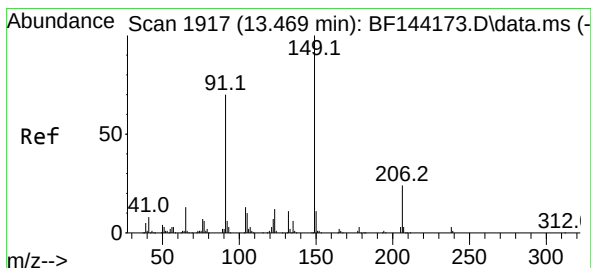
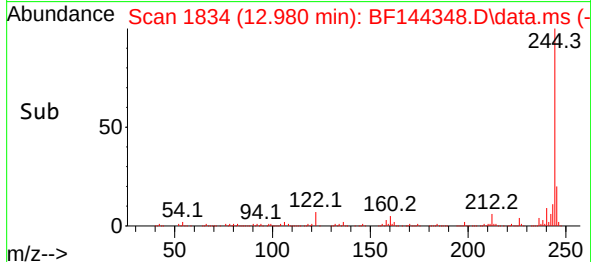
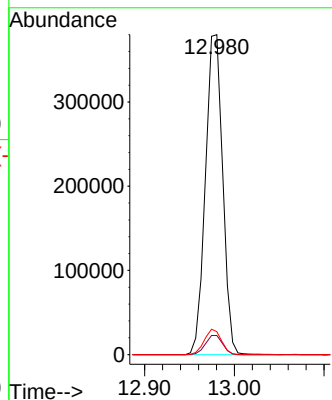
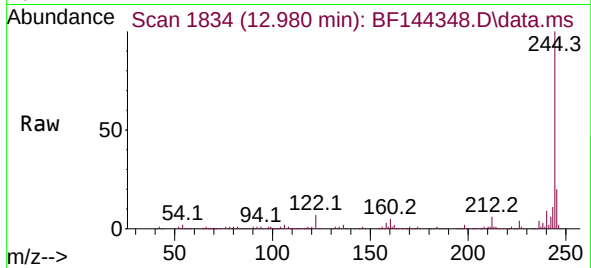




#79
 Terphenyl-d14
 Concen: 63.189 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144348.D
 Acq: 25 Nov 2025 13:54

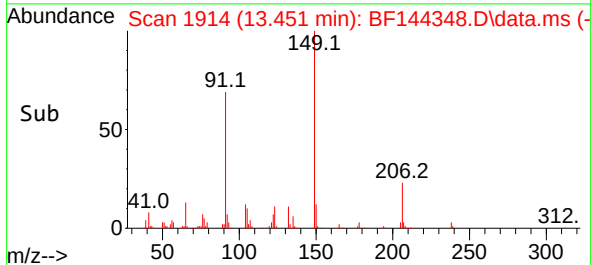
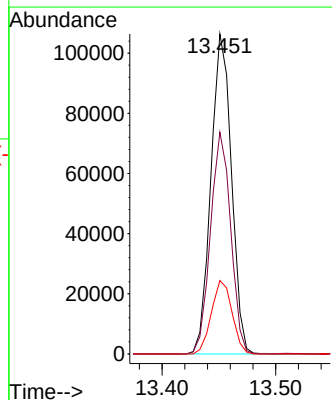
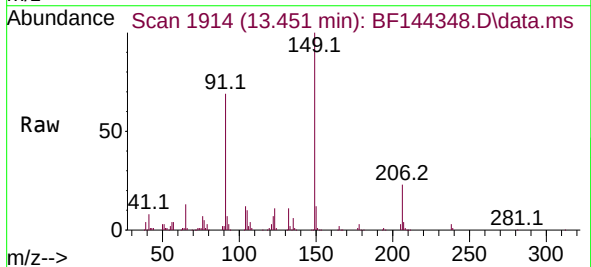
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

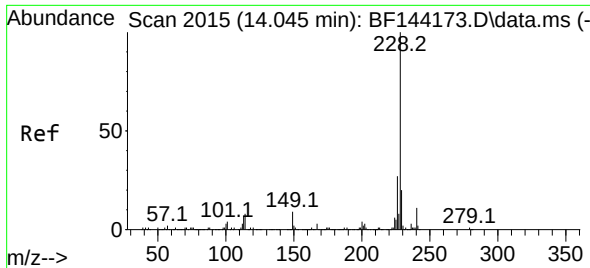
Tgt Ion:244 Resp: 508325
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.3 7.9
 122 7.2 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 37.342 ng
 RT: 13.451 min Scan# 1914
 Delta R.T. -0.018 min
 Lab File: BF144348.D
 Acq: 25 Nov 2025 13:54

Tgt Ion:149 Resp: 133343
 Ion Ratio Lower Upper
 149 100
 91 69.3 56.1 84.1
 206 22.9 18.8 28.2

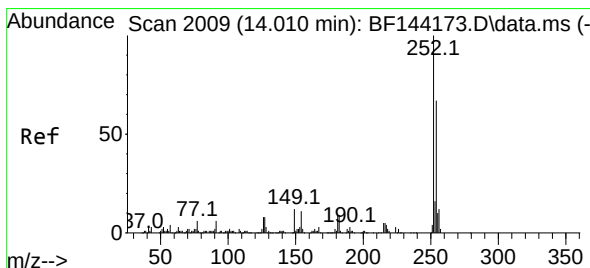
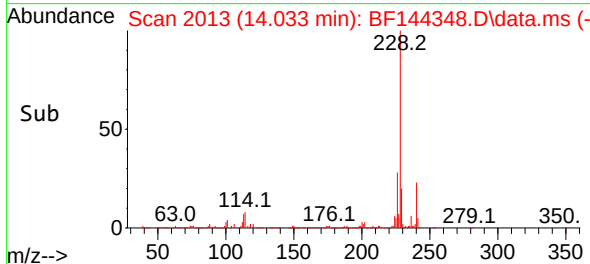
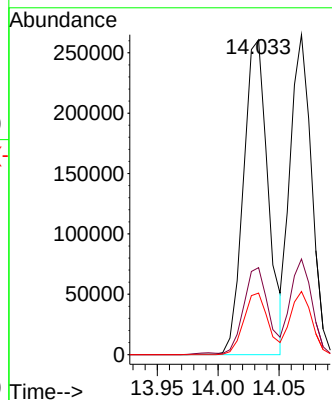
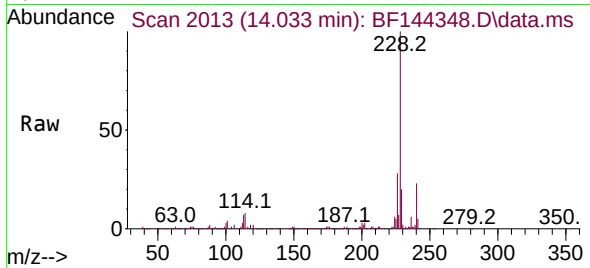




#81
Benzo(a)anthracene
Concen: 41.666 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

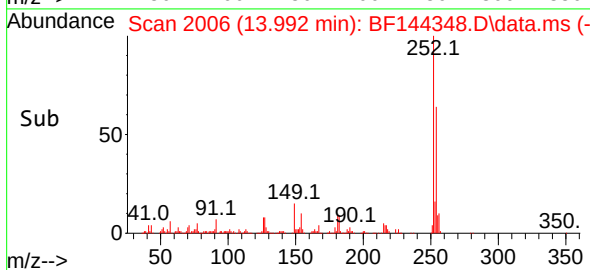
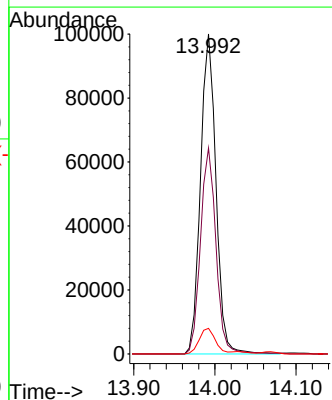
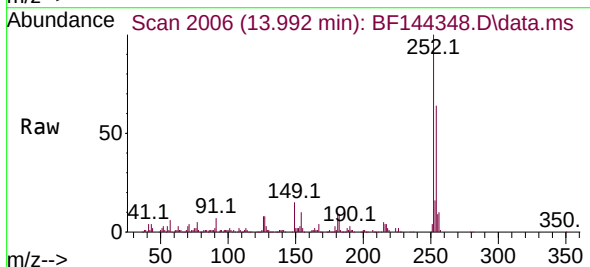
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

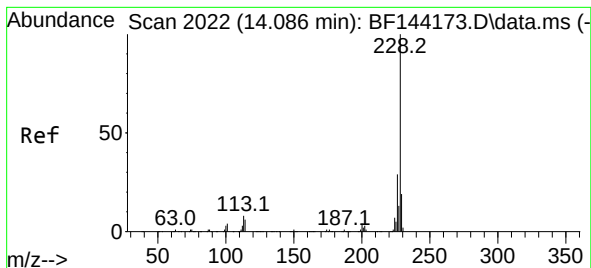
Tgt Ion:228 Resp: 368996
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 43.571 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:252 Resp: 132266
Ion Ratio Lower Upper
252 100
254 64.3 53.5 80.3
126 8.0 6.4 9.6





#83

Chrysene

Concen: 39.814 ng

RT: 14.069 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

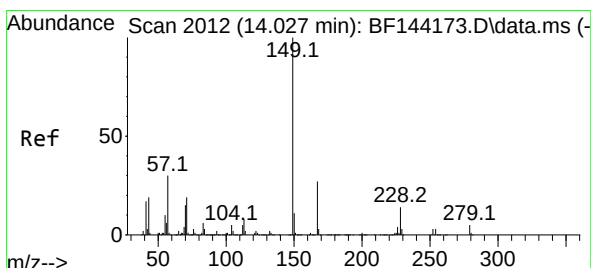
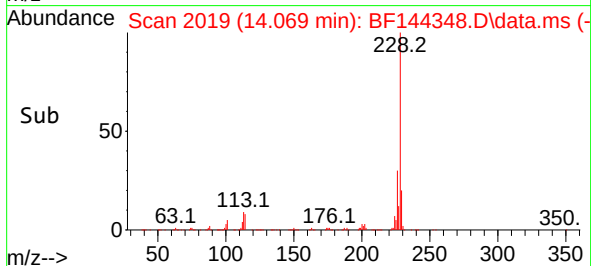
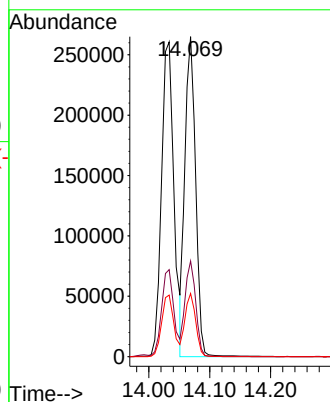
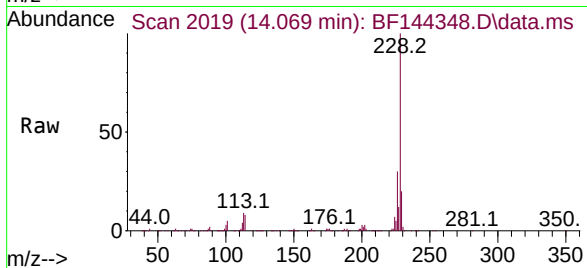
Tgt Ion:228 Resp: 325491

Ion Ratio Lower Upper

228 100

226 29.9 22.9 34.3

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.236 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

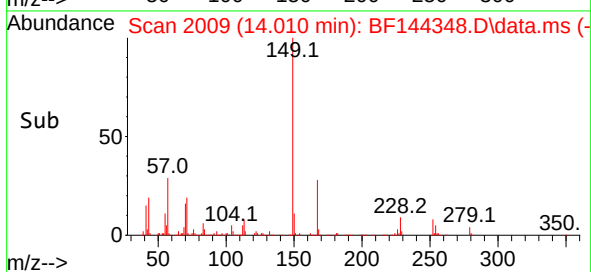
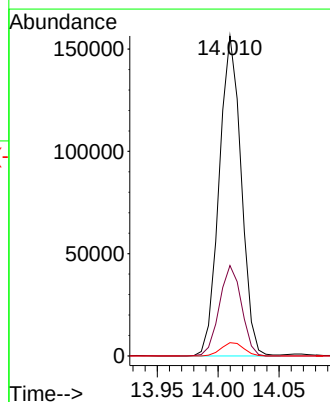
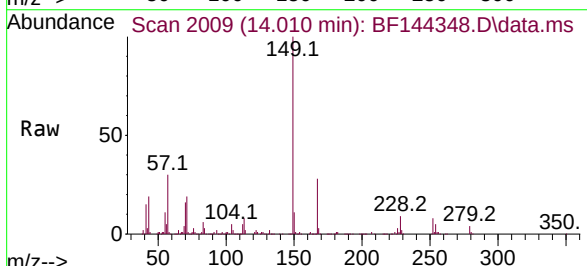
Tgt Ion:149 Resp: 196685

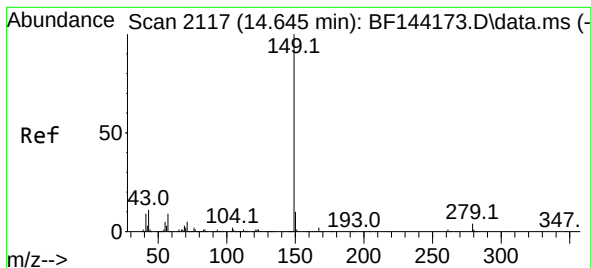
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.1 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 44.334 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

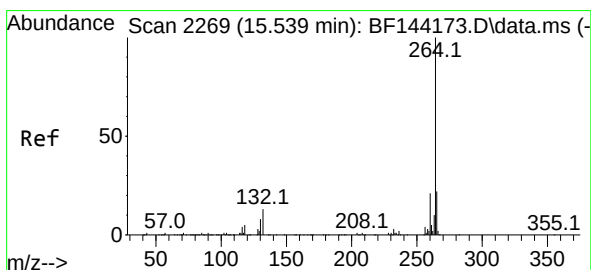
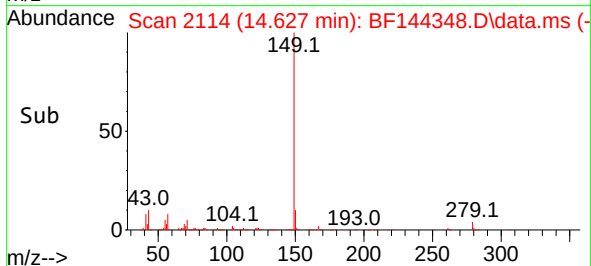
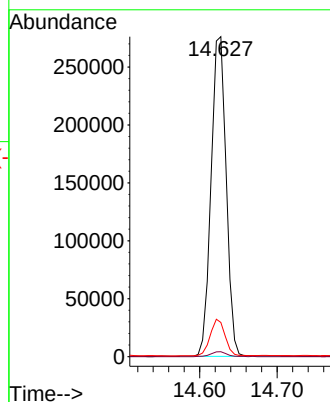
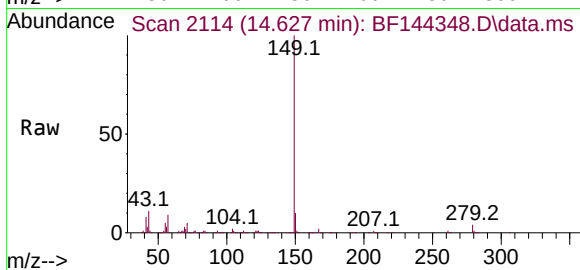
Tgt Ion:149 Resp: 373902

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

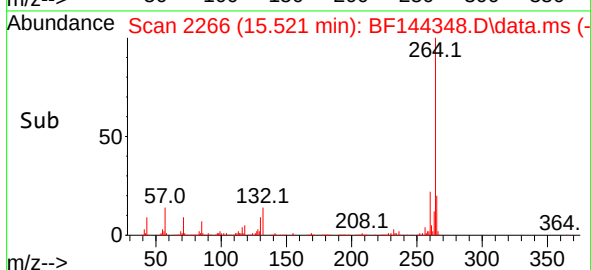
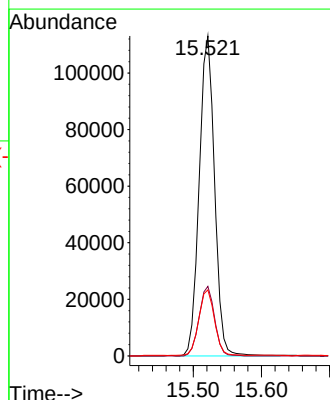
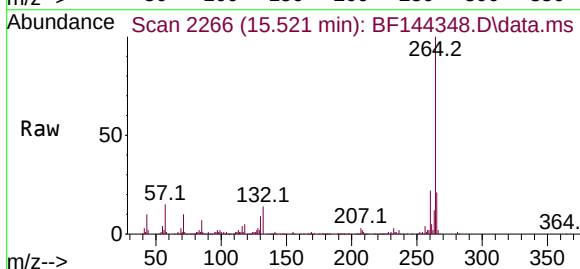
Tgt Ion:264 Resp: 177416

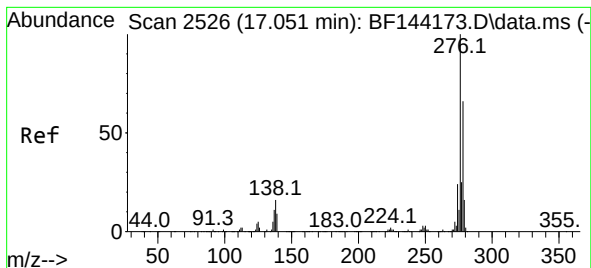
Ion Ratio Lower Upper

264 100

260 21.7 17.1 25.7

265 20.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.566 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

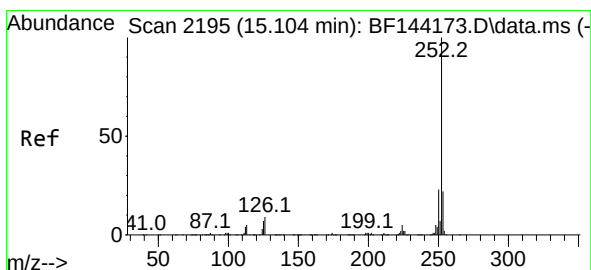
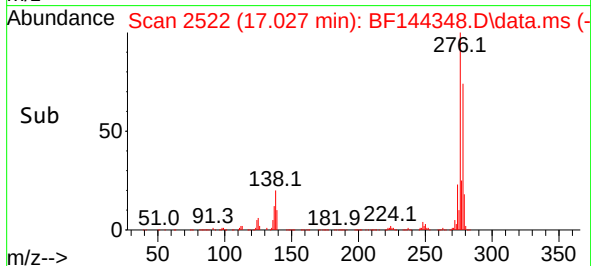
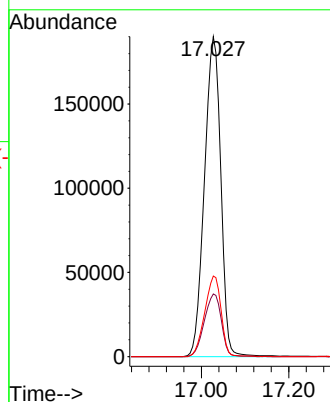
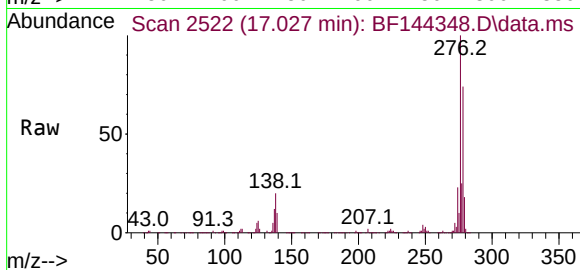
Tgt Ion:276 Resp: 491163

Ion Ratio Lower Upper

276 100

138 20.5 13.9 20.9

277 25.2 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 42.841 ng

RT: 15.086 min Scan# 2192

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

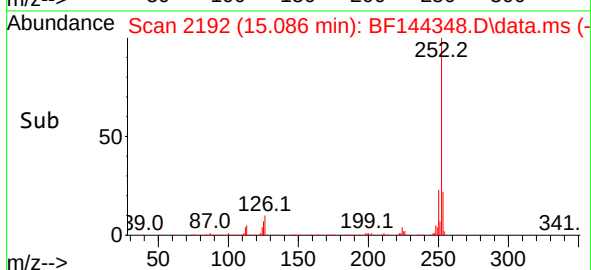
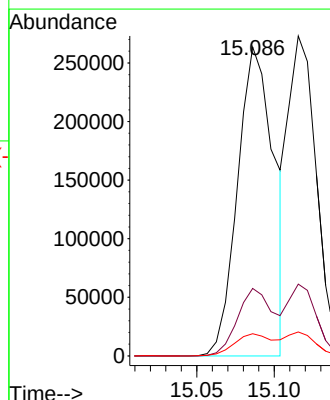
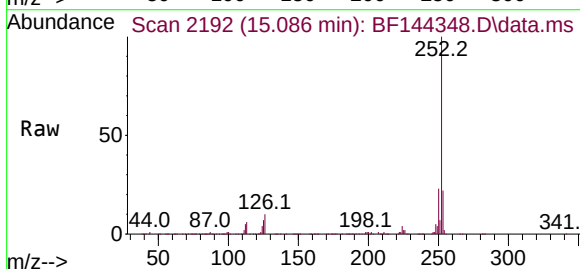
Tgt Ion:252 Resp: 432116

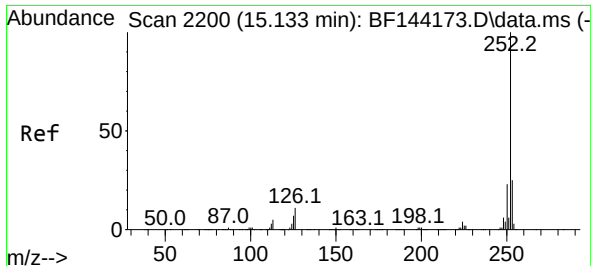
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 7.2 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 36.672 ng

RT: 15.115 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

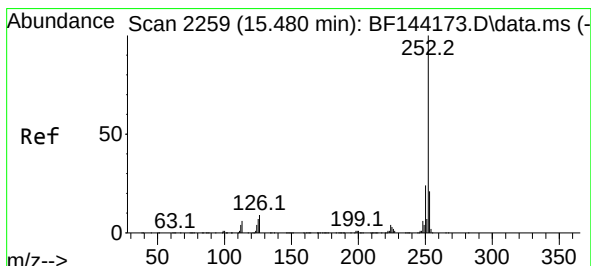
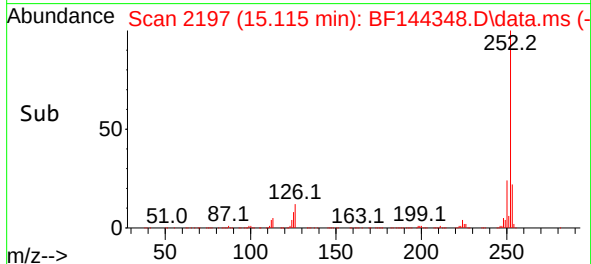
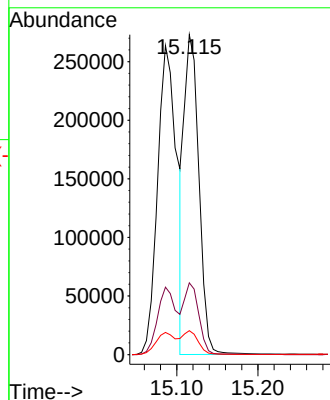
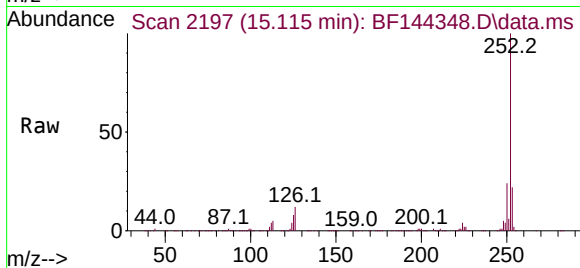
Tgt Ion:252 Resp: 346217

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 7.5 5.4 8.2



#90

Benzo(a)pyrene

Concen: 40.393 ng

RT: 15.457 min Scan# 2255

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

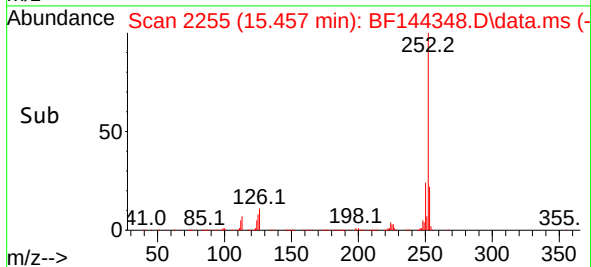
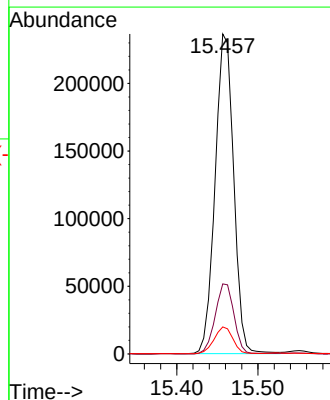
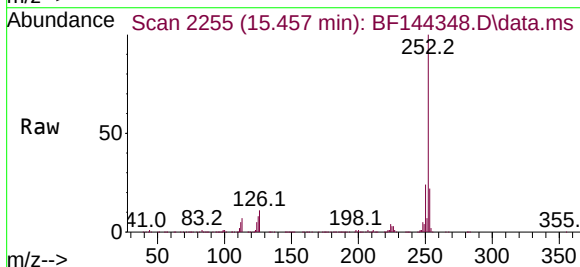
Tgt Ion:252 Resp: 375868

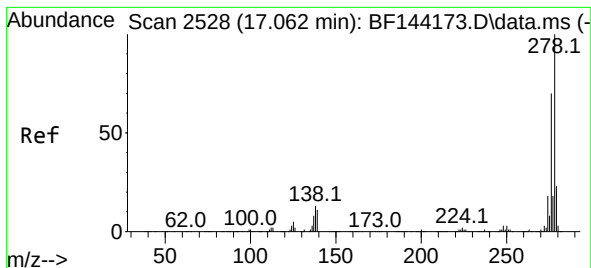
Ion Ratio Lower Upper

252 100

253 21.9 16.7 25.1

125 8.4 5.7 8.5

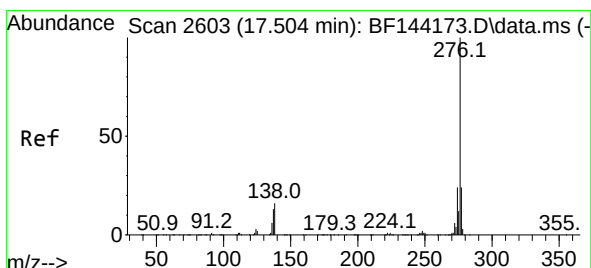
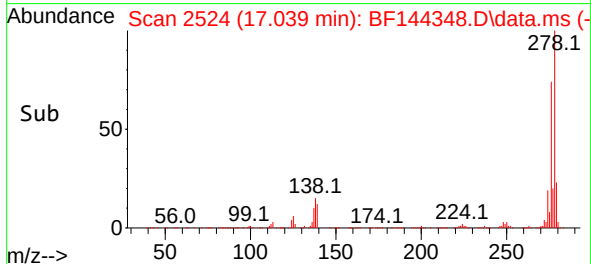
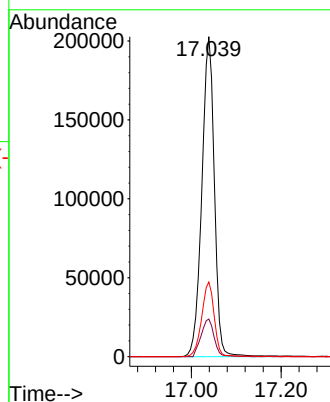
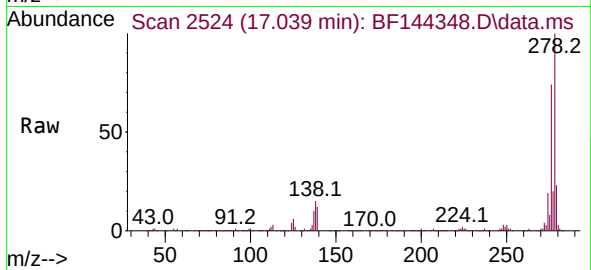




#91
 Dibenzo(a,h)anthracene
 Concen: 38.361 ng
 RT: 17.039 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF144348.D
 Acq: 25 Nov 2025 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 392362
 Ion Ratio Lower Upper
 278 100
 139 11.7 9.1 13.7
 279 23.3 18.2 27.4



#92
 Benzo(g,h,i)perylene
 Concen: 38.940 ng
 RT: 17.480 min Scan# 2599
 Delta R.T. -0.012 min
 Lab File: BF144348.D
 Acq: 25 Nov 2025 13:54

Tgt Ion:276 Resp: 393304
 Ion Ratio Lower Upper
 276 100
 277 23.1 19.0 28.4
 138 18.0 12.9 19.3

