

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144290.D
 Acq On : 20 Nov 2025 12:32
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 20 12:54:26 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	59614	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	228905	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	123999	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	202115	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	134253	20.000	ng	0.00
86) Perylene-d12	15.521	264	171650	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	310337	81.464	ng	-0.01
7) Phenol-d6	6.498	99	340850	78.965	ng	0.00
23) Nitrobenzene-d5	7.428	82	307662	77.626	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	111369	71.572	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	637123	75.887	ng	0.00
79) Terphenyl-d14	12.980	244	590801	69.900	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	67274	42.715	ng	98
3) Pyridine	3.363	79	184374	41.961	ng	99
4) n-Nitrosodimethylamine	3.310	42	89293	38.905	ng	95
6) Aniline	6.528	93	243777	39.639	ng	98
8) 2-Chlorophenol	6.651	128	148925	39.863	ng	99
9) Benzaldehyde	6.416	77	116475	47.786	ng	98
10) Phenol	6.510	94	211442	40.093	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	156488	40.722	ng	98
12) 1,3-Dichlorobenzene	6.804	146	182924	39.680	ng	97
13) 1,4-Dichlorobenzene	6.881	146	182319	39.476	ng	99
14) 1,2-Dichlorobenzene	7.034	146	174201	39.352	ng	99
15) Benzyl Alcohol	7.004	79	133096	38.941	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	284330	40.179	ng	95
17) 2-Methylphenol	7.116	107	118238	39.783	ng	98
18) Hexachloroethane	7.375	117	61618	40.157	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	106743	37.565	ng	97
20) 3+4-Methylphenols	7.269	107	134652	38.433	ng	96
22) Acetophenone	7.275	105	185740	37.825	ng	97
24) Nitrobenzene	7.445	77	170468	39.613	ng	98
25) Isophorone	7.687	82	293677	39.174	ng	98
26) 2-Nitrophenol	7.763	139	86699	40.700	ng	97
27) 2,4-Dimethylphenol	7.798	122	126242	39.539	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	184674	39.448	ng	98
29) 2,4-Dichlorophenol	8.004	162	143500	38.995	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	143076	37.863	ng	98
31) Naphthalene	8.169	128	418322	38.418	ng	99
32) Benzoic acid	7.916	122	91967	39.296	ng	93
33) 4-Chloroaniline	8.216	127	153928	38.760	ng	98
34) Hexachlorobutadiene	8.281	225	108944	38.255	ng	97
35) Caprolactam	8.587	113	38090	37.780	ng	96
36) 4-Chloro-3-methylphenol	8.698	107	124537	37.761	ng	98
37) 2-Methylnaphthalene	8.857	142	279555	38.400	ng	100
38) 1-Methylnaphthalene	8.957	142	266932	38.000	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	162406	39.964	ng	98
41) Hexachlorocyclopentadiene	9.010	237	45409	37.420	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	109761	39.683	ng	99

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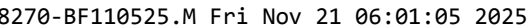
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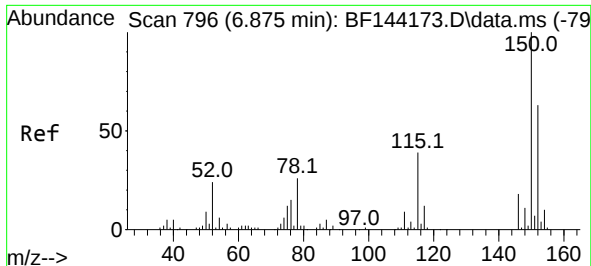
Quant Time: Nov 20 12:54:26 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	113526	38.083	ng	99
46) 1,1'-Biphenyl	9.322	154	337441	38.986	ng	98
47) 2-Chloronaphthalene	9.351	162	283270	38.367	ng	99
48) 2-Nitroaniline	9.445	65	84543	39.686	ng	97
49) Acenaphthylene	9.763	152	387241	38.488	ng	100
50) Dimethylphthalate	9.616	163	326438	39.738	ng	100
51) 2,6-Dinitrotoluene	9.686	165	67452	40.562	ng	97
52) Acenaphthene	9.934	154	247347	36.763	ng	98
53) 3-Nitroaniline	9.857	138	73564	40.468	ng	100
54) 2,4-Dinitrophenol	9.969	184	55441	55.211	ng	98
55) Dibenzofuran	10.110	168	358491	38.044	ng	100
56) 4-Nitrophenol	10.022	139	57734	43.906	ng	97
57) 2,4-Dinitrotoluene	10.092	165	88118	39.583	ng	99
58) Fluorene	10.451	166	275842	38.501	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	79882	37.875	ng	98
60) Diethylphthalate	10.322	149	296974	39.216	ng	99
61) 4-Chlorophenyl-phenylether	10.445	204	153872	37.704	ng	98
62) 4-Nitroaniline	10.475	138	67256	38.850	ng	96
63) Azobenzene	10.604	77	275444	39.083	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	52045	37.905	ng	98
66) n-Nitrosodiphenylamine	10.563	169	266637	41.018	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	98370	38.131	ng	98
68) Hexachlorobenzene	11.004	284	111621	36.734	ng	97
69) Atrazine	11.086	200	75791	36.661	ng	96
70) Pentachlorophenol	11.198	266	68065	44.983	ng	96
71) Phenanthrene	11.416	178	383241	38.084	ng	99
72) Anthracene	11.469	178	386627	37.785	ng	99
73) Carbazole	11.628	167	327012	37.583	ng	100
74) Di-n-butylphthalate	11.951	149	419742	39.905	ng	98
75) Fluoranthene	12.610	202	375060	36.080	ng	99
77) Benzidine	12.733	184	147091	37.040	ng	99
78) Pyrene	12.839	202	387965	35.841	ng	99
80) Butylbenzylphthalate	13.451	149	142765	38.053	ng	99
81) Benzo(a)anthracene	14.033	228	372397	40.022	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	124649	39.082	ng	96
83) Chrysene	14.069	228	333073	38.777	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	200469	39.033	ng	99
85) Di-n-octyl phthalate	14.627	149	363670	41.041	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	411469	33.394	ng	98
88) Benzo(b)fluoranthene	15.086	252	434736	44.549	ng	99
89) Benzo(k)fluoranthene	15.116	252	340242	37.250	ng	99
90) Benzo(a)pyrene	15.457	252	356363	39.584	ng	97
91) Dibenzo(a,h)anthracene	17.033	278	335158	33.869	ng	99
92) Benzo(g,h,i)perylene	17.468	276	315203	32.255	ng	97

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

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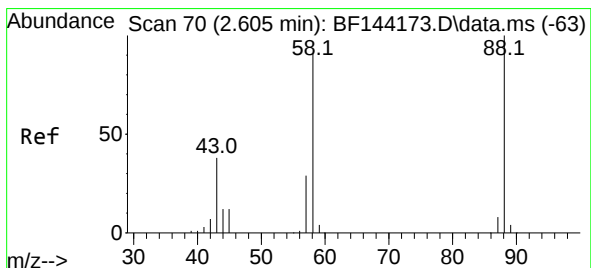
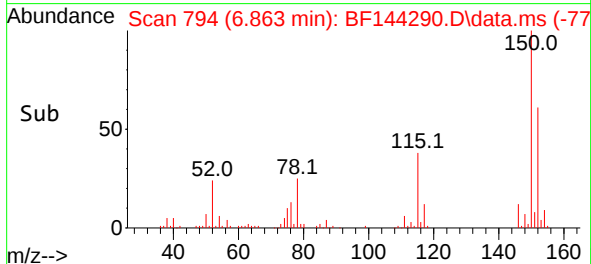
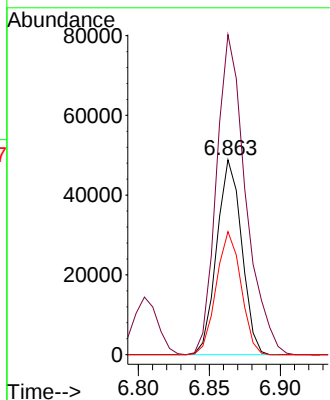
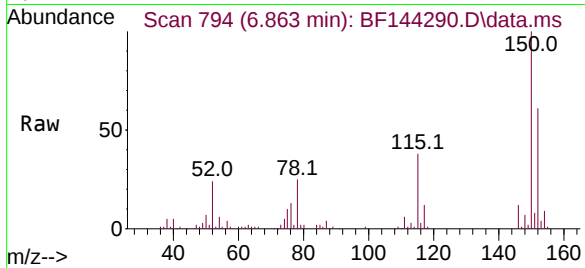




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144290.D
 Acq: 20 Nov 2025 12:32

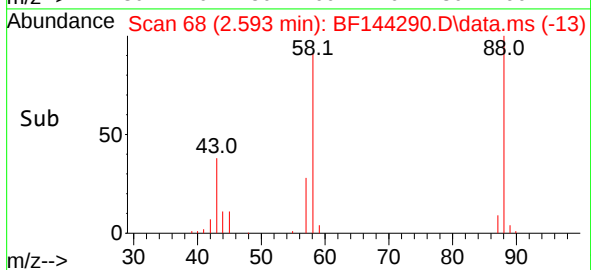
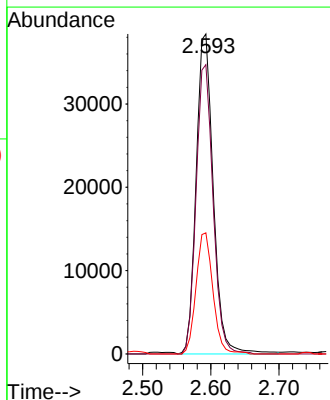
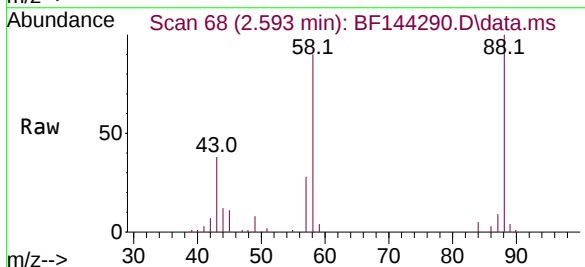
Instrument :
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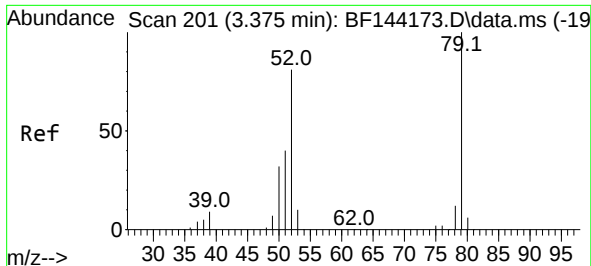
Tgt Ion:152 Resp: 59614
 Ion Ratio Lower Upper
 152 100
 150 164.2 127.4 191.0
 115 63.1 49.5 74.3



#2
 1,4-Dioxane
 Concen: 42.715 ng
 RT: 2.593 min Scan# 68
 Delta R.T. -0.024 min
 Lab File: BF144290.D
 Acq: 20 Nov 2025 12:32

Tgt Ion: 88 Resp: 67274
 Ion Ratio Lower Upper
 88 100
 58 89.2 73.1 109.7
 43 37.2 31.0 46.6

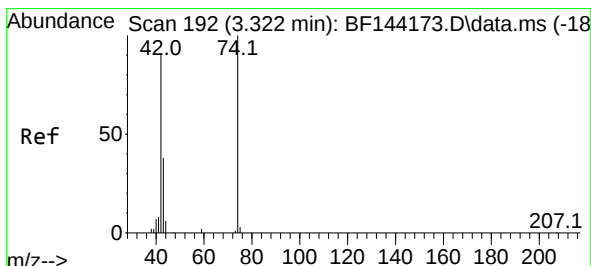
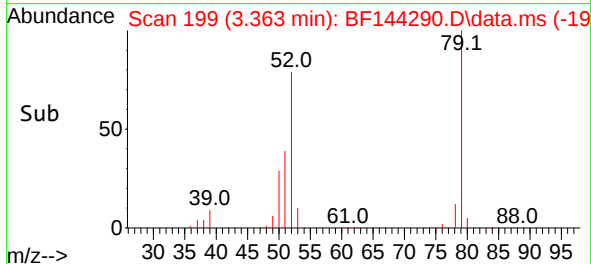
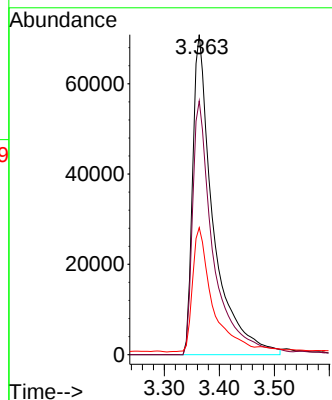
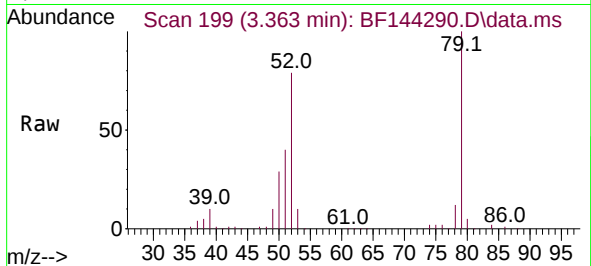




#3
Pyridine
Concen: 41.961 ng
RT: 3.363 min Scan# 19
Delta R.T. -0.047 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

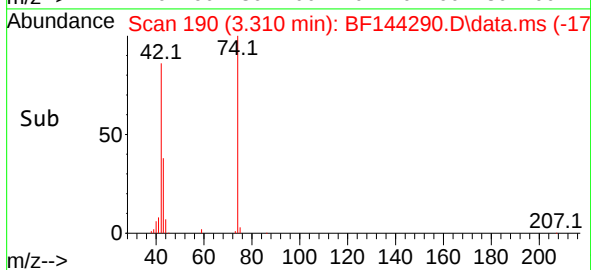
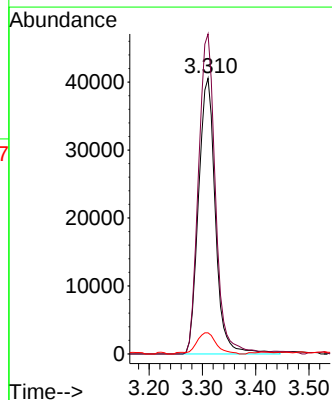
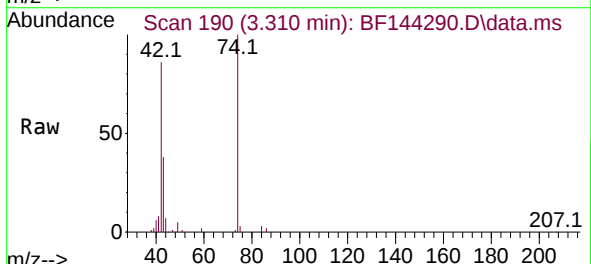
Instrument :
BNA_F
ClientSampleId :
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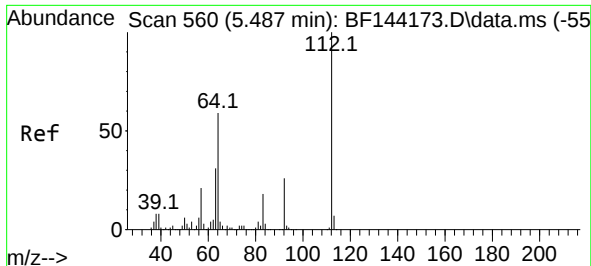
Tgt Ion: 79 Resp: 184374
Ion Ratio Lower Upper
79 100
52 79.3 64.5 96.7
51 39.7 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 38.905 ng
RT: 3.310 min Scan# 190
Delta R.T. -0.035 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion: 42 Resp: 89293
Ion Ratio Lower Upper
42 100
74 116.1 88.2 132.4
44 7.6 5.7 8.5

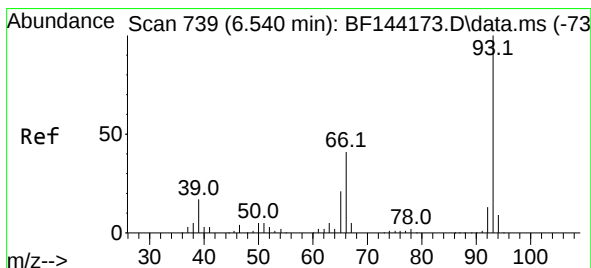
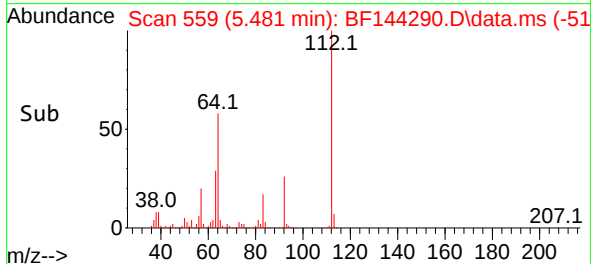
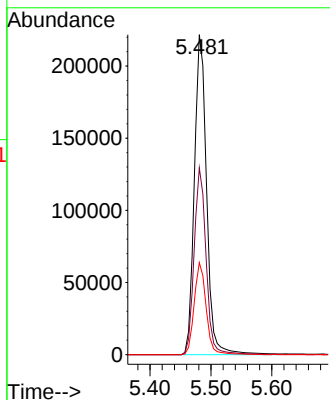
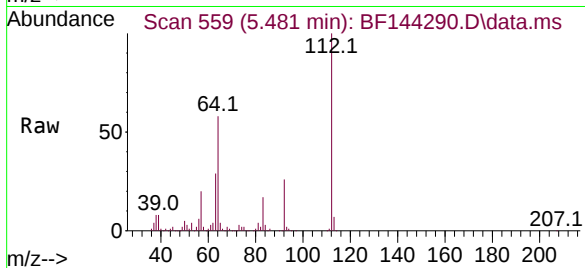




#5
2-Fluorophenol
Concen: 81.464 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

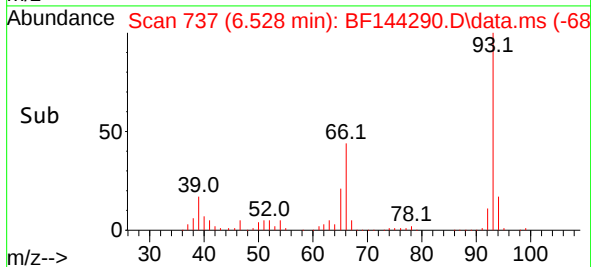
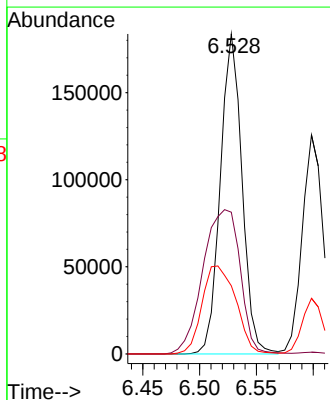
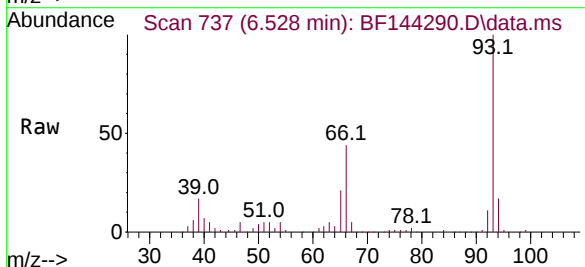
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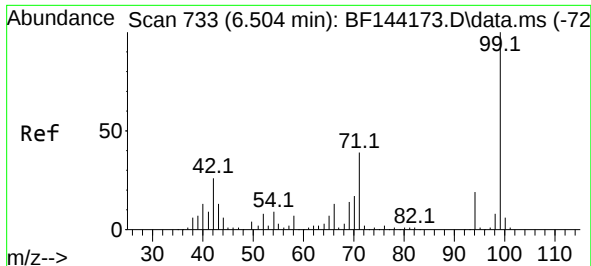
Tgt Ion:112 Resp: 310337
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 28.7 24.4 36.6



#6
Aniline
Concen: 39.639 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion: 93 Resp: 243777
Ion Ratio Lower Upper
93 100
66 44.3 34.3 51.5
65 21.3 16.9 25.3

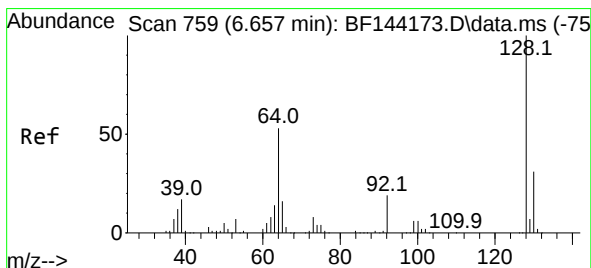
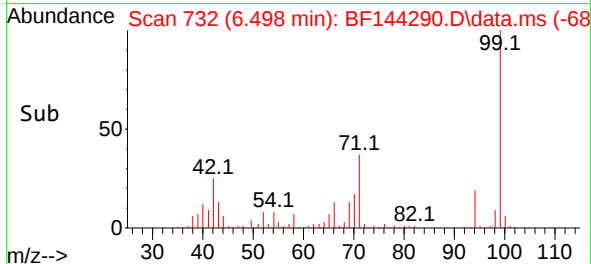
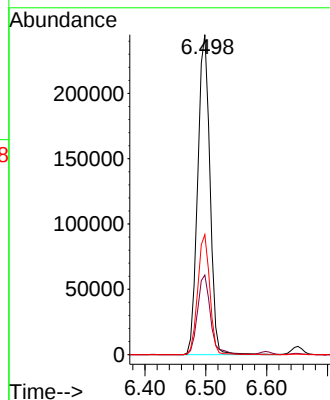
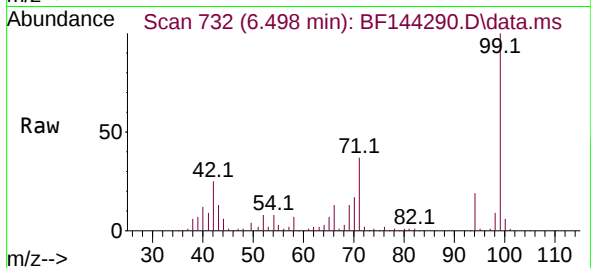




#7
Phenol-d6
Concen: 78.965 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

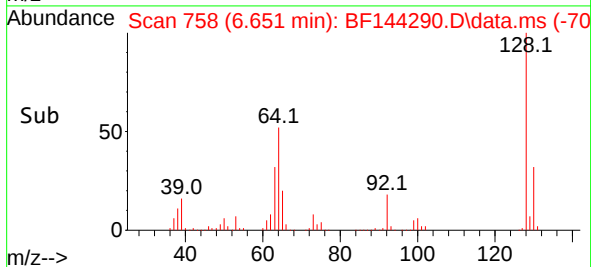
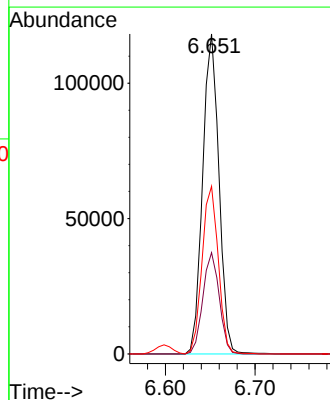
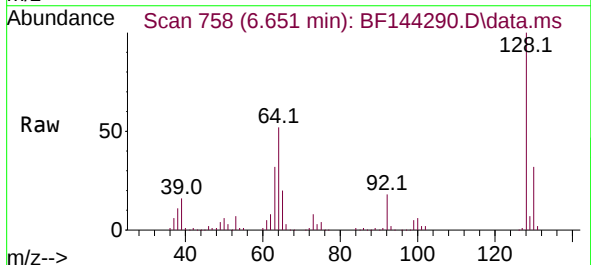
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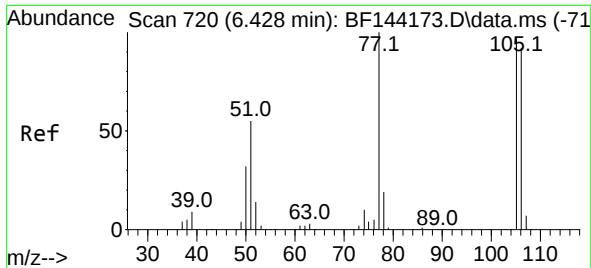
Tgt Ion: 99 Resp: 340850
Ion Ratio Lower Upper
99 100
42 24.9 20.9 31.3
71 37.5 31.4 47.2



#8
2-Chlorophenol
Concen: 39.863 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion: 128 Resp: 148925
Ion Ratio Lower Upper
128 100
130 31.6 10.5 50.5
64 52.4 33.2 73.2





#9

Benzaldehyde

Concen: 47.786 ng

RT: 6.416 min Scan# 718

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

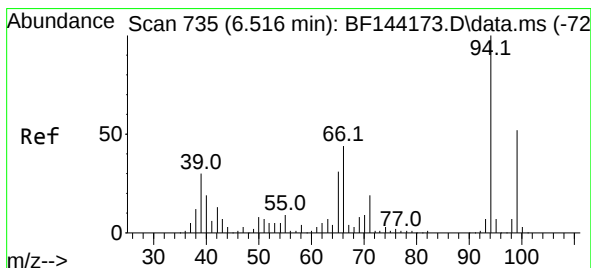
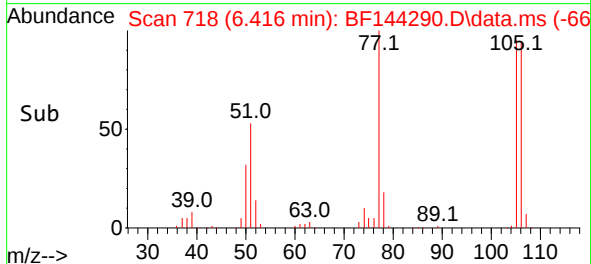
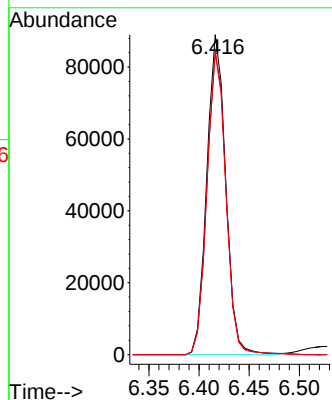
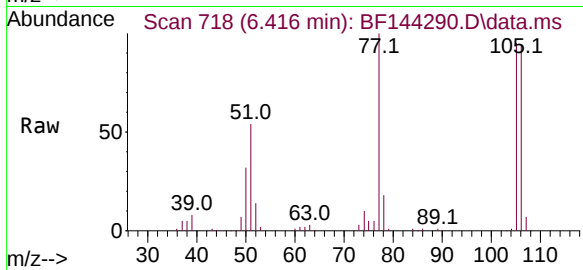
Tgt Ion: 77 Resp: 116475

Ion Ratio Lower Upper

77 100

105 94.9 77.2 117.2

106 94.3 72.2 112.2



#10

Phenol

Concen: 40.093 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.000 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

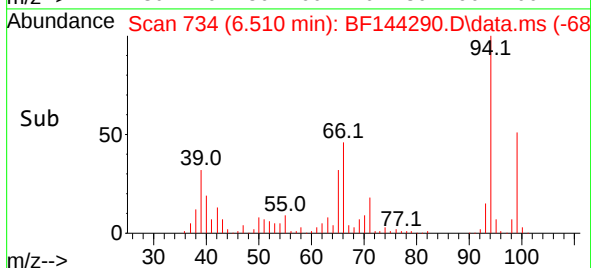
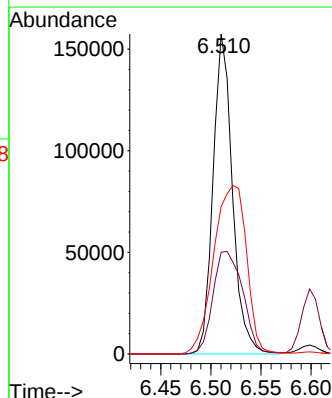
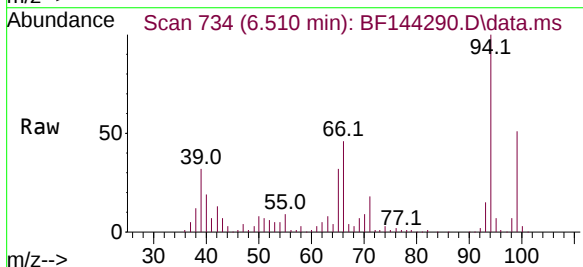
Tgt Ion: 94 Resp: 211442

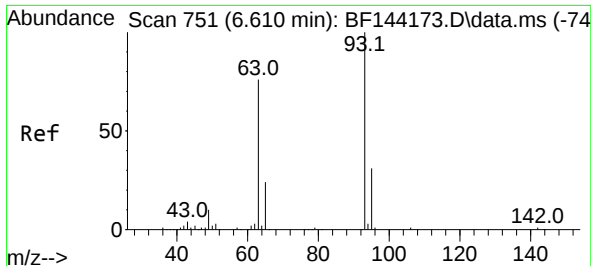
Ion Ratio Lower Upper

94 100

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66 46.1 24.3 64.3

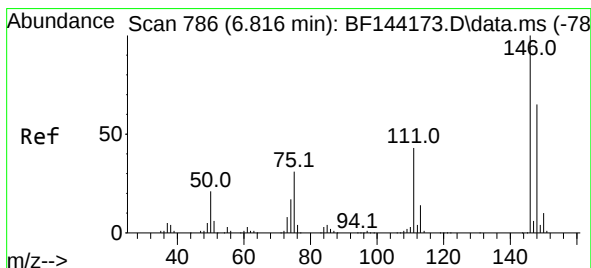
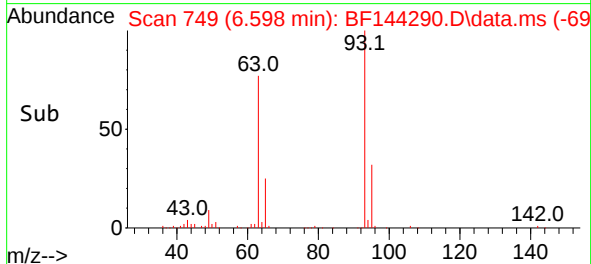
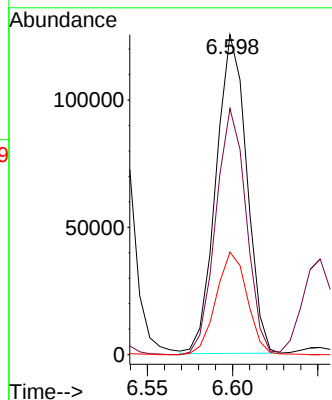
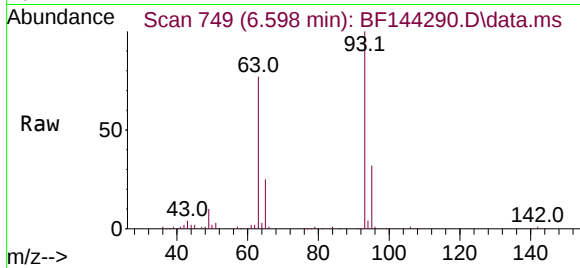




#11
bis(2-Chloroethyl)ether
Concen: 40.722 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

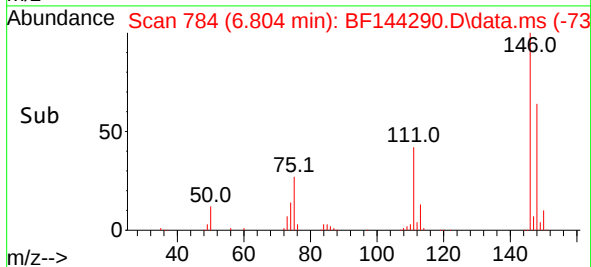
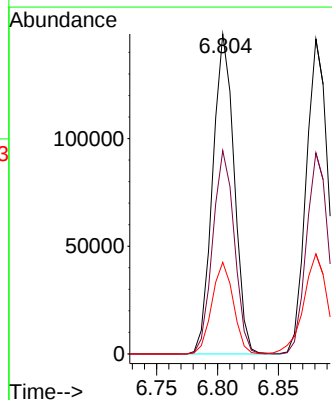
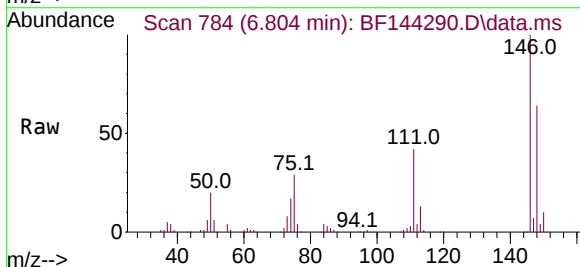
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 156488
Ion Ratio Lower Upper
93 100
63 76.9 55.2 95.2
95 32.0 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.680 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:146 Resp: 182924
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 28.6 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 39.476 ng

RT: 6.881 min Scan# 799

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

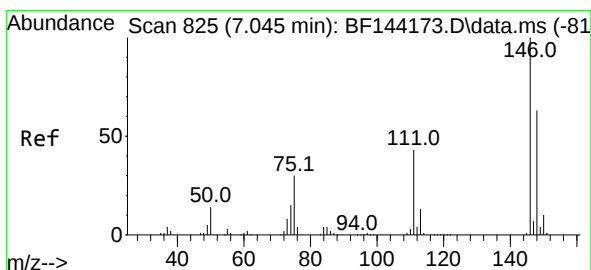
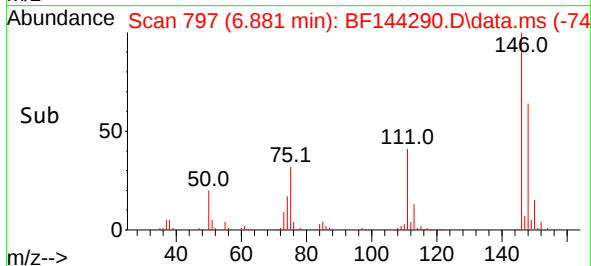
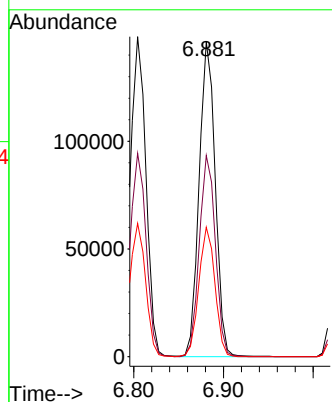
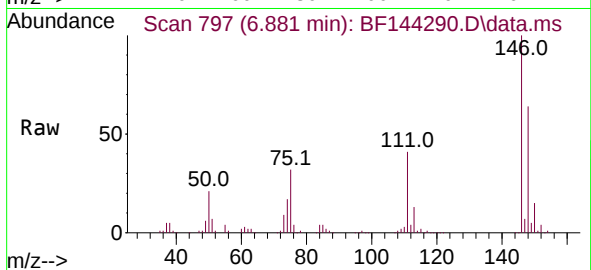
Tgt Ion:146 Resp: 182319

Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

111 41.1 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 39.352 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

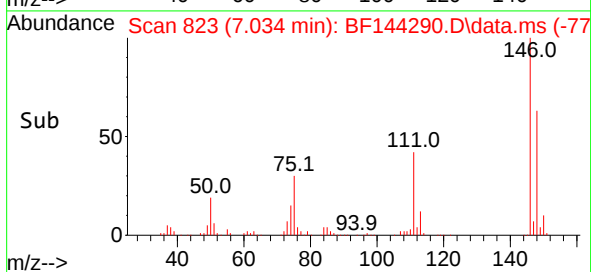
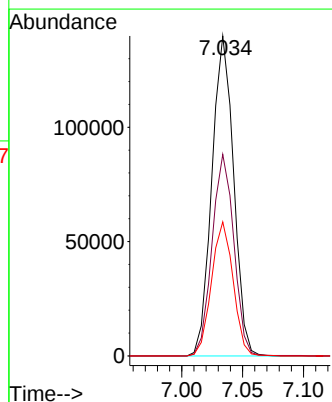
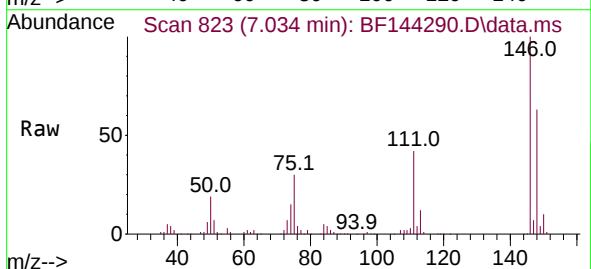
Tgt Ion:146 Resp: 174201

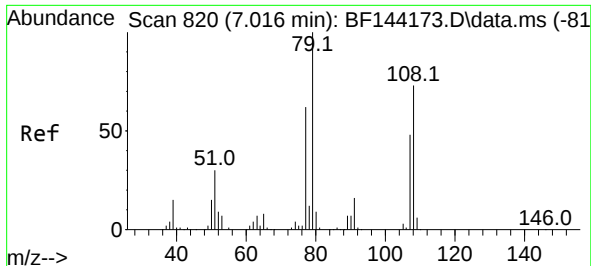
Ion Ratio Lower Upper

146 100

148 63.0 50.7 76.1

111 41.9 34.2 51.4

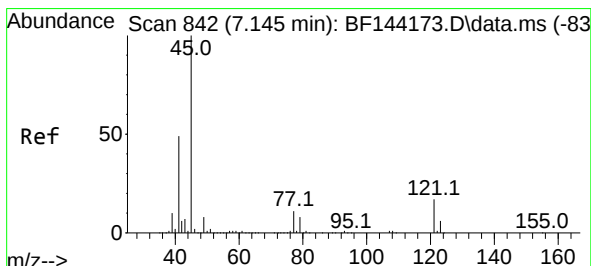
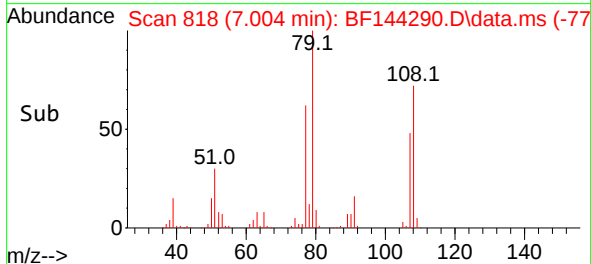
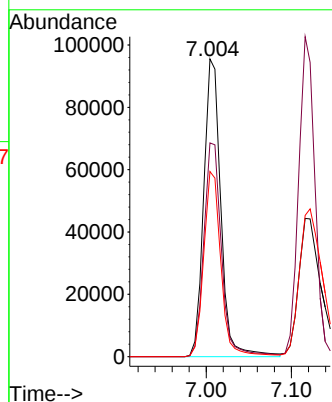
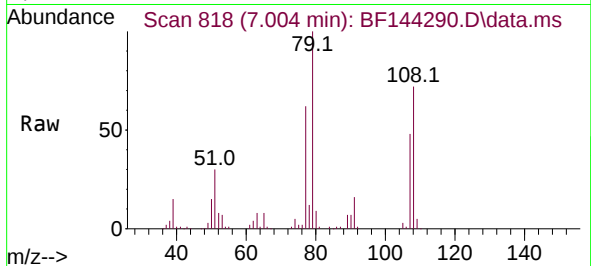




#15
Benzyl Alcohol
Concen: 38.941 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

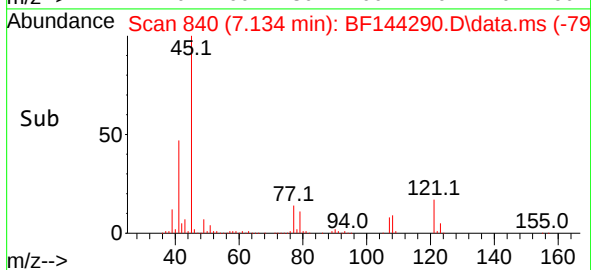
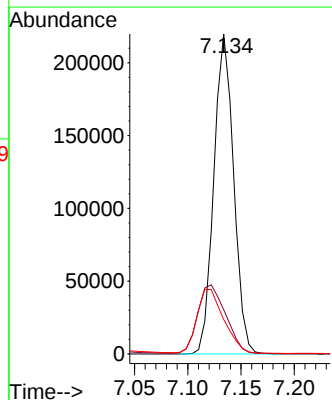
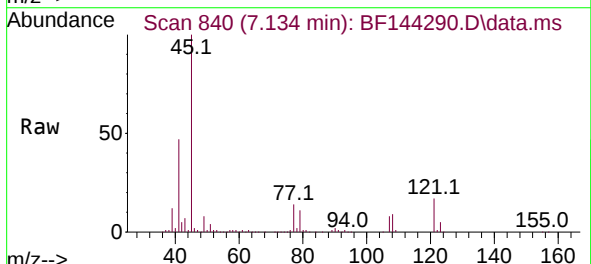
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

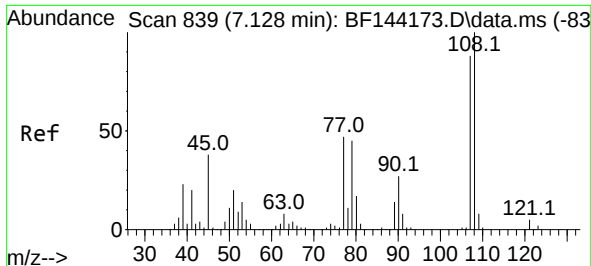
Tgt Ion: 79 Resp: 133096
Ion Ratio Lower Upper
79 100
108 71.8 58.2 87.4
77 62.1 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.179 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion: 45 Resp: 284330
Ion Ratio Lower Upper
45 100
77 13.8 0.0 31.8
79 10.7 0.0 29.1

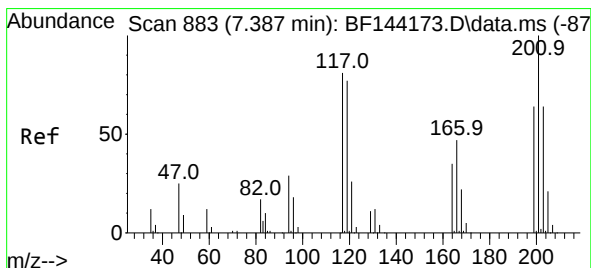
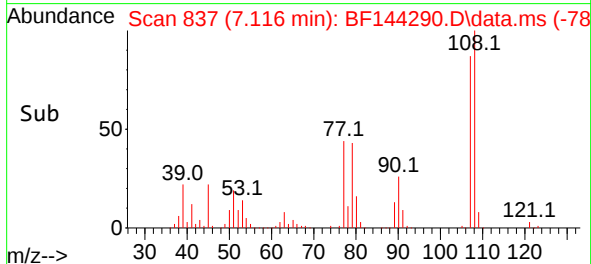
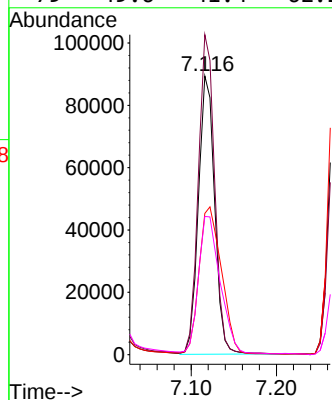
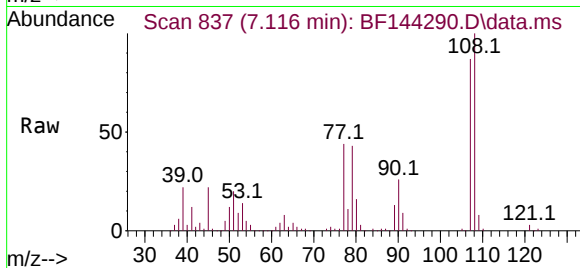




#17
2-Methylphenol
Concen: 39.783 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

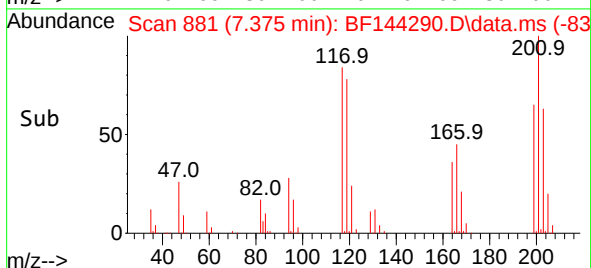
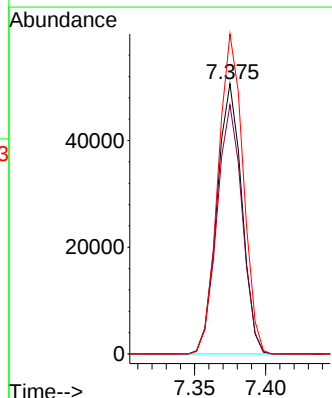
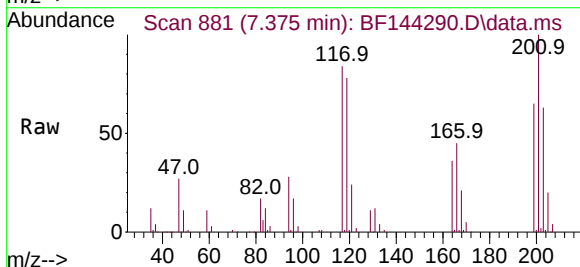
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	118238
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.0	136.4
77	50.7	42.7	64.1
79	49.6	41.4	62.2



#18
Hexachloroethane
Concen: 40.157 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:	117	Resp:	61618
Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.8	113.8
201	118.4	98.9	148.3



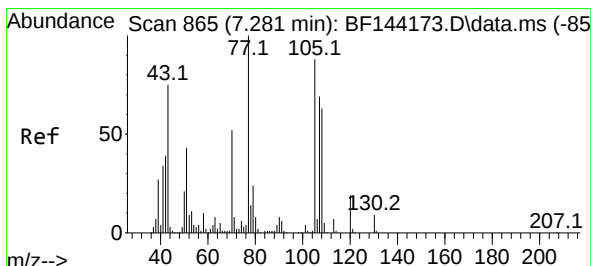
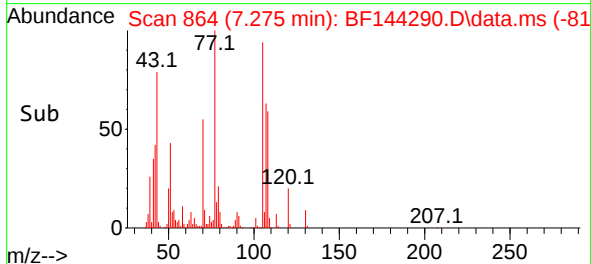
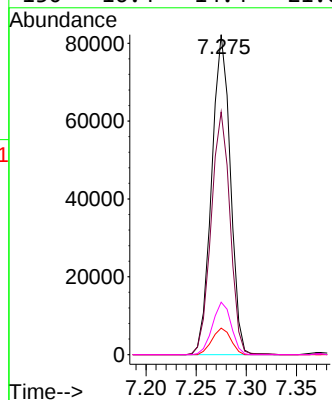
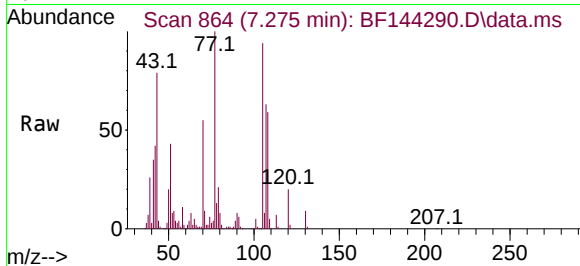


#19
n-Nitroso-di-n-propylamine
Concen: 37.565 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 106743

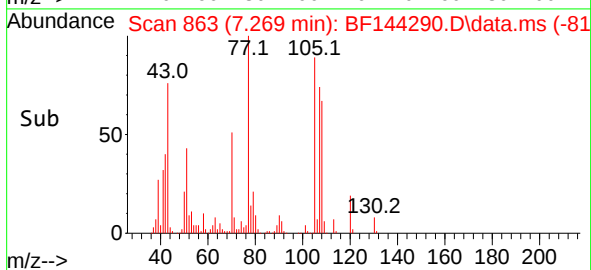
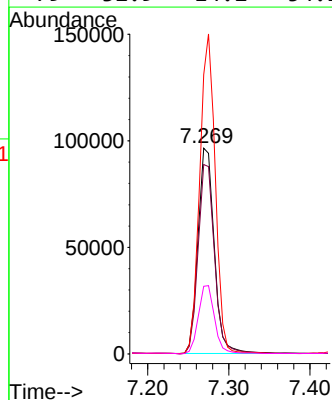
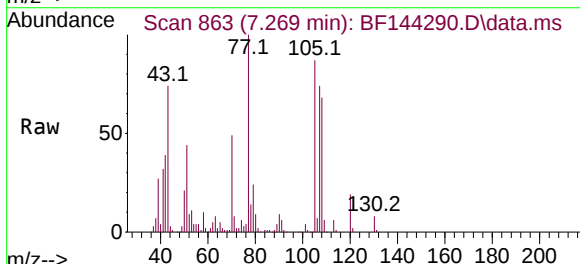
Ion	Ratio	Lower	Upper
70	100		
42	75.8	58.3	87.5
101	8.3	7.0	10.6
130	16.4	14.4	21.6

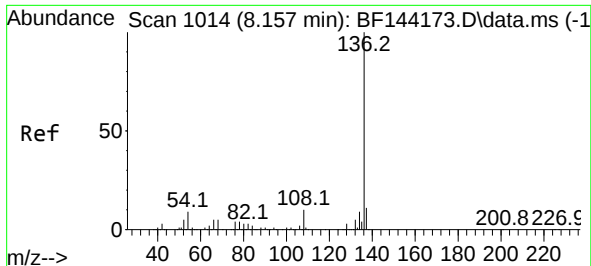


#20
3+4-Methylphenols
Concen: 38.433 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.018 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion: 107 Resp: 134652

Ion	Ratio	Lower	Upper
107	100		
108	92.0	70.2	110.2
77	135.7	123.9	163.9
79	32.9	14.2	54.2

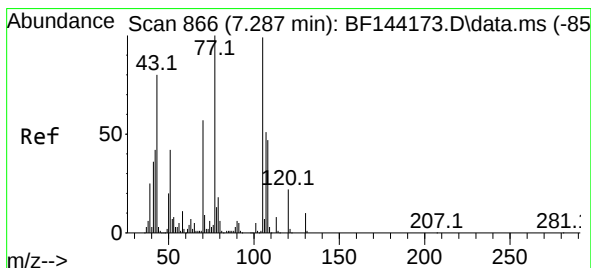
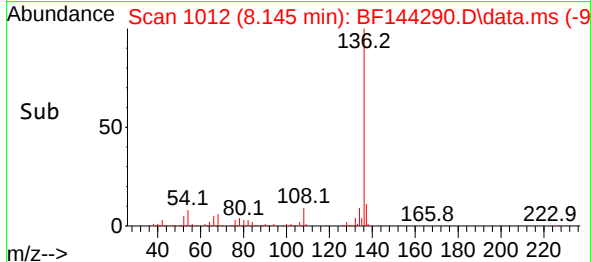
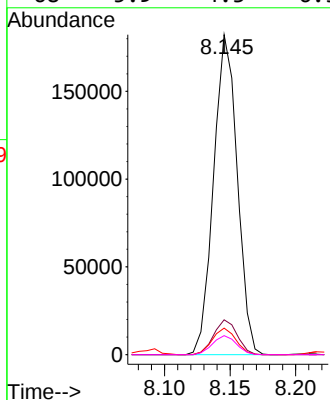
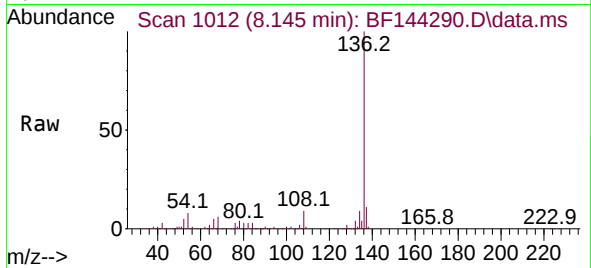




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

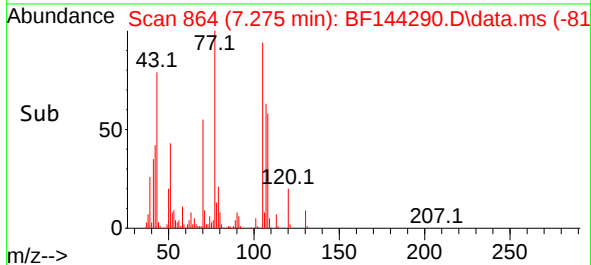
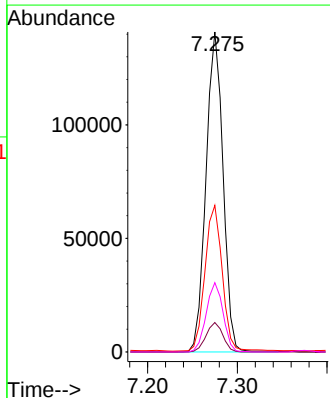
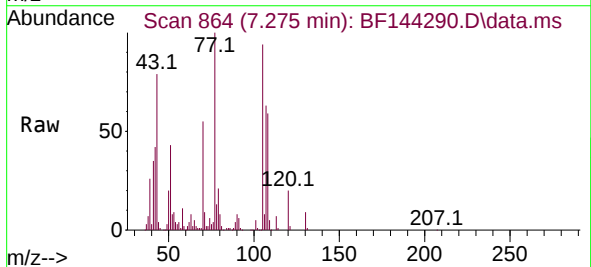
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

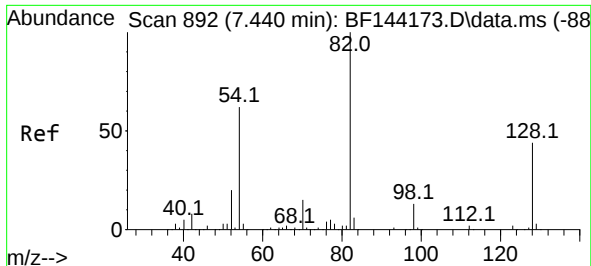
Tgt Ion:	136	Resp:	228905
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.3	7.0	10.6
68	5.9	4.3	6.5



#22
Acetophenone
Concen: 37.825 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:	105	Resp:	185740
Ion Ratio	Lower	Upper	
105	100		
71	9.2	7.2	10.8
51	45.8	34.0	51.0
120	21.7	17.8	26.6





#23

Nitrobenzene-d5

Concen: 77.626 ng

RT: 7.428 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

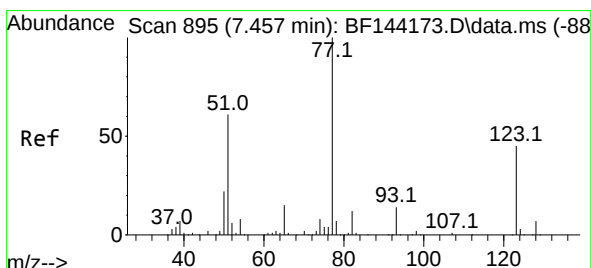
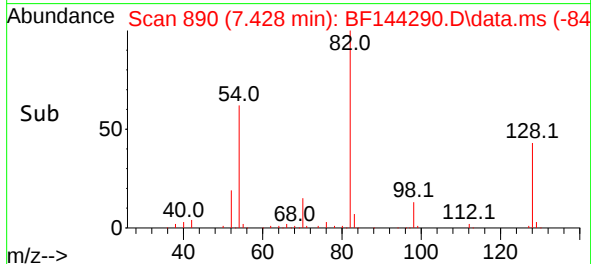
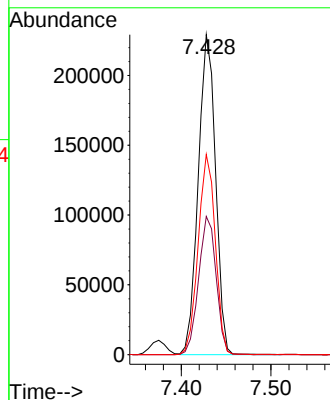
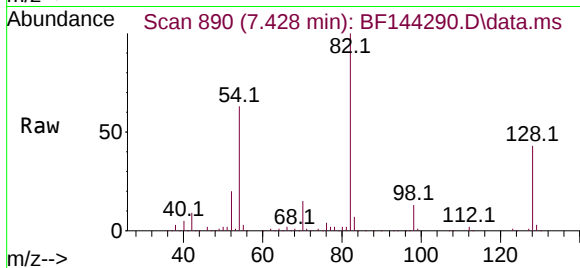
Tgt Ion: 82 Resp: 307662

Ion Ratio Lower Upper

82 100

128 43.2 34.7 52.1

54 62.5 49.5 74.3



#24

Nitrobenzene

Concen: 39.613 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

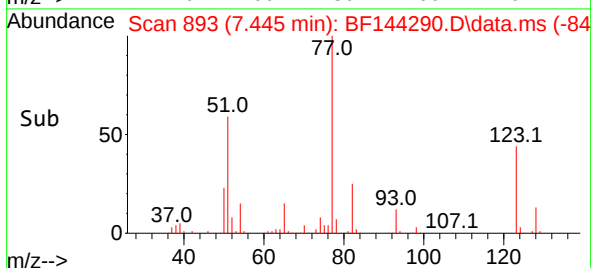
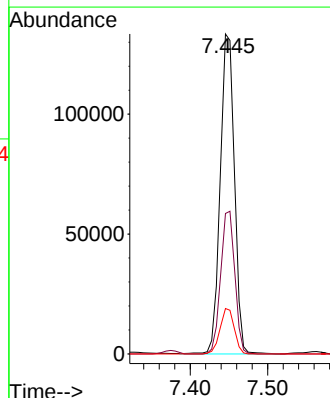
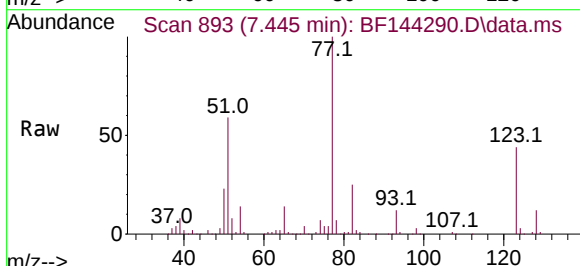
Tgt Ion: 77 Resp: 170468

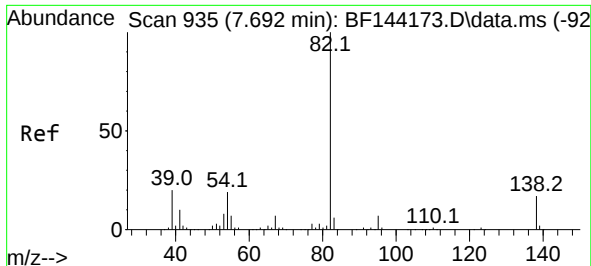
Ion Ratio Lower Upper

77 100

123 43.9 35.8 53.8

65 14.2 12.2 18.2

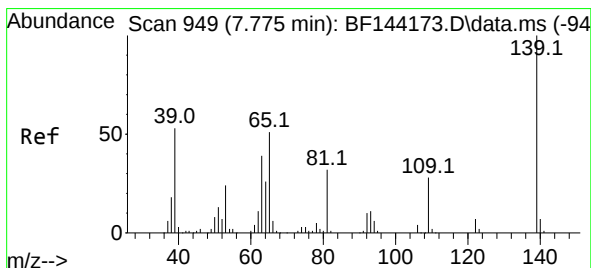
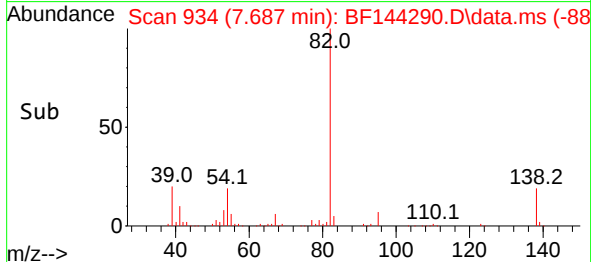
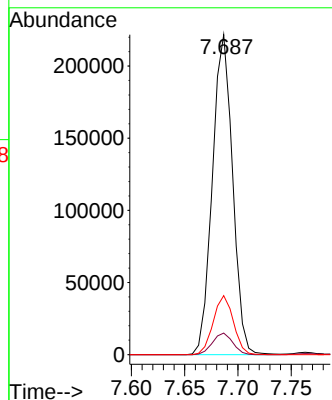
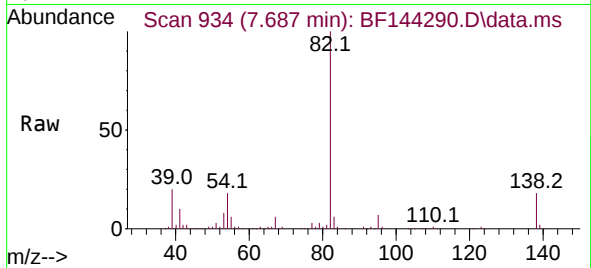




#25
Isophorone
Concen: 39.174 ng
RT: 7.687 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

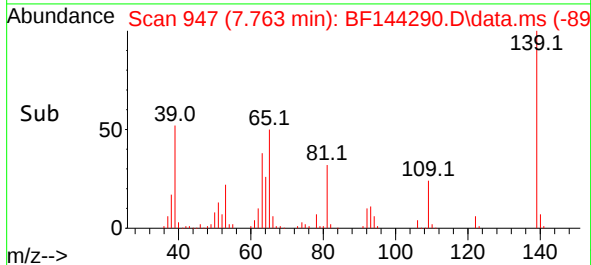
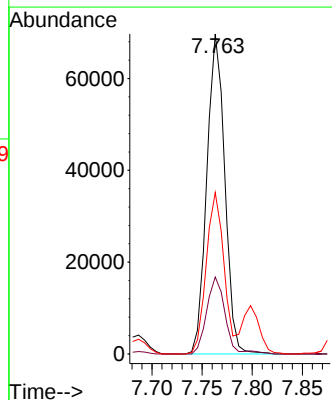
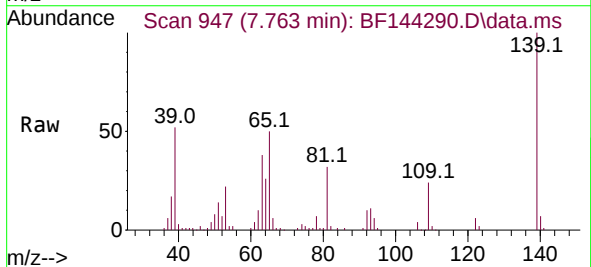
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

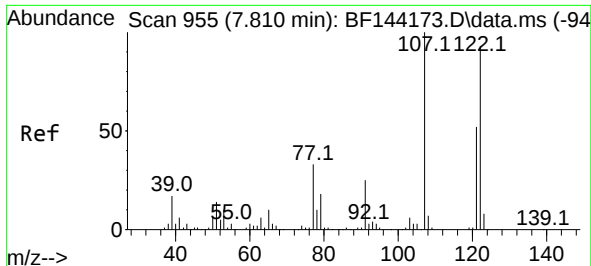
Tgt Ion: 82 Resp: 293677
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.4 13.7 20.5



#26
2-Nitrophenol
Concen: 40.700 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:139 Resp: 86699
Ion Ratio Lower Upper
139 100
109 24.0 22.2 33.2
65 50.4 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 39.539 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

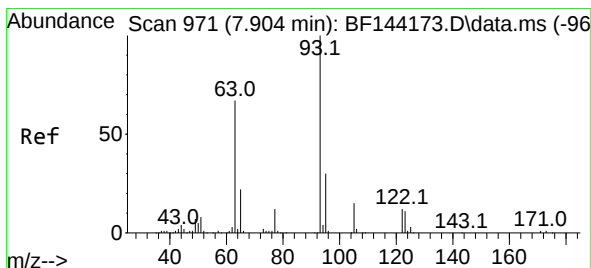
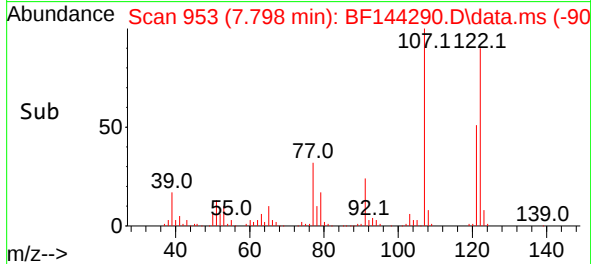
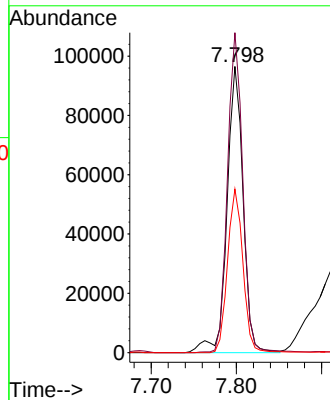
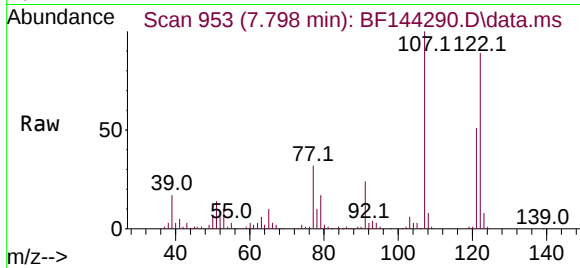
Tgt Ion:122 Resp: 126242

Ion Ratio Lower Upper

122 100

107 111.8 86.2 129.4

121 57.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.448 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

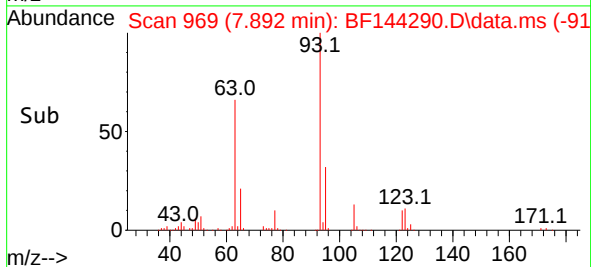
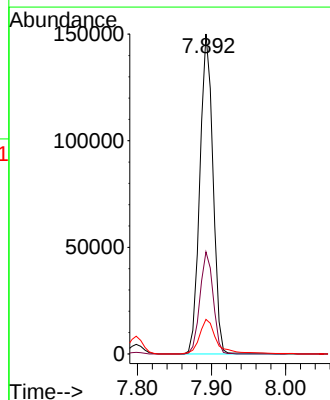
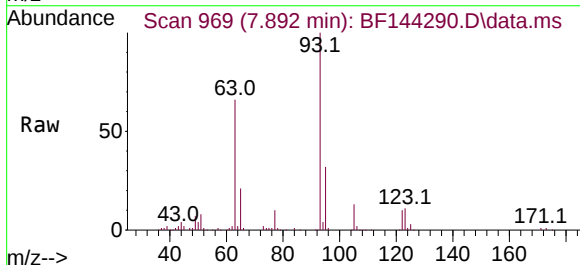
Tgt Ion: 93 Resp: 184674

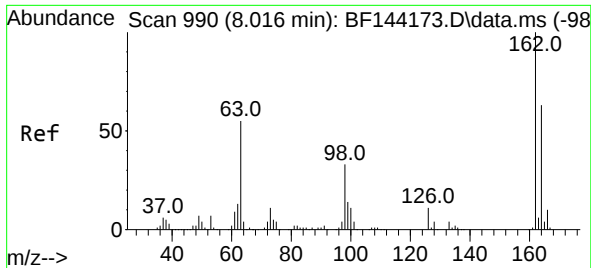
Ion Ratio Lower Upper

93 100

95 31.9 24.2 36.4

123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 38.995 ng

RT: 8.004 min Scan# 98

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

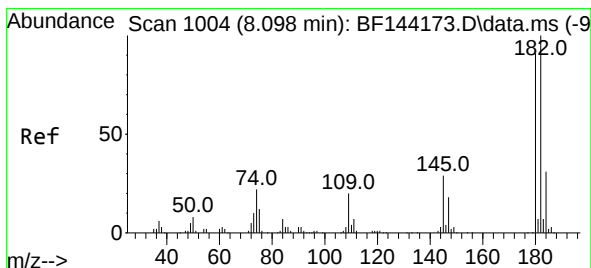
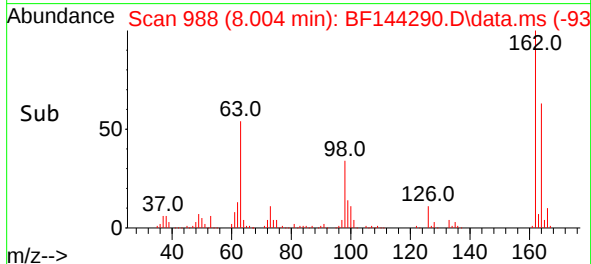
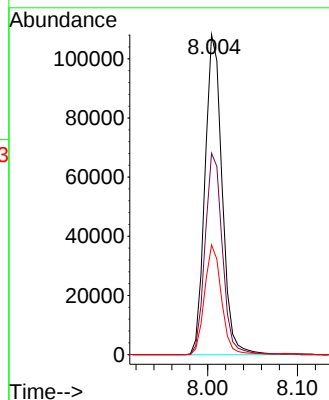
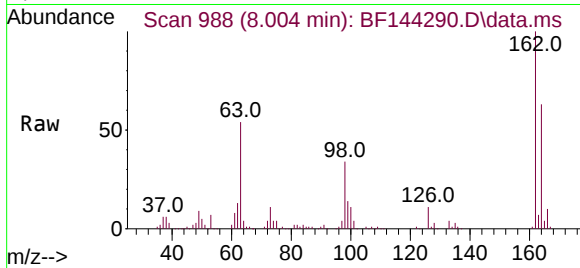
Tgt Ion:162 Resp: 143500

Ion Ratio Lower Upper

162 100

164 62.9 42.9 82.9

98 34.3 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 37.863 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

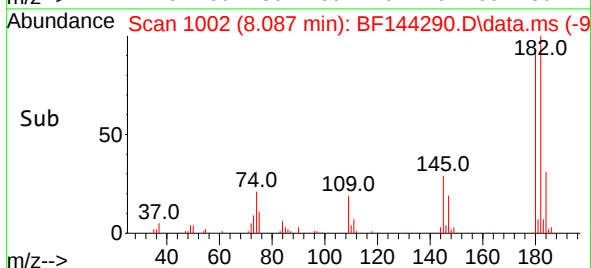
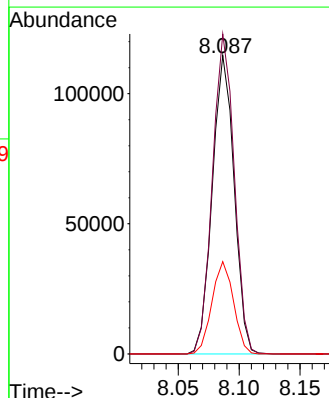
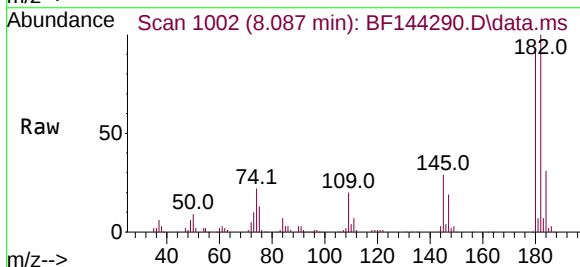
Tgt Ion:180 Resp: 143076

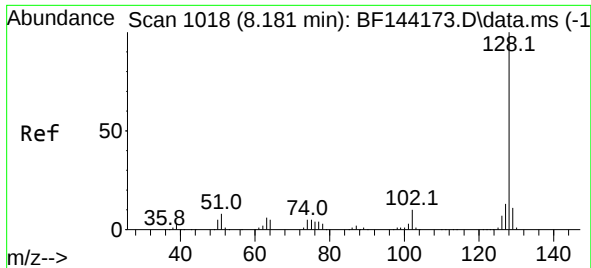
Ion Ratio Lower Upper

180 100

182 107.2 87.7 131.5

145 30.9 25.4 38.0

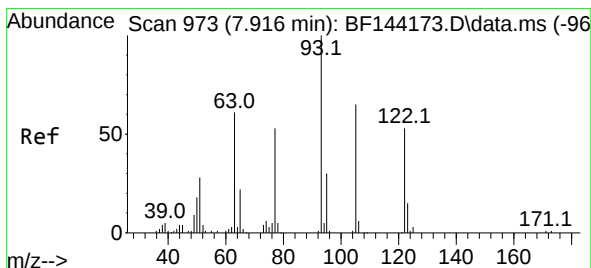
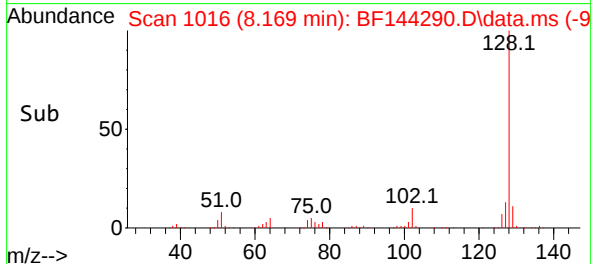
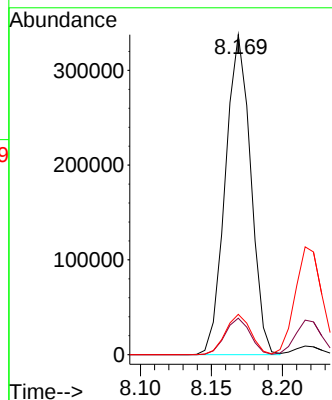
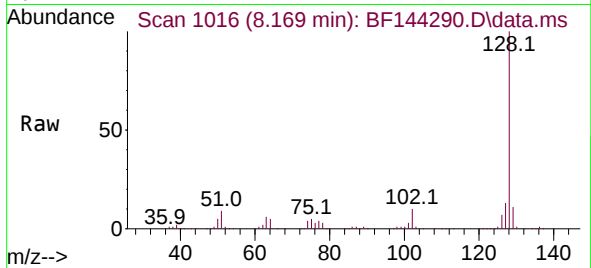




#31
Naphthalene
Concen: 38.418 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

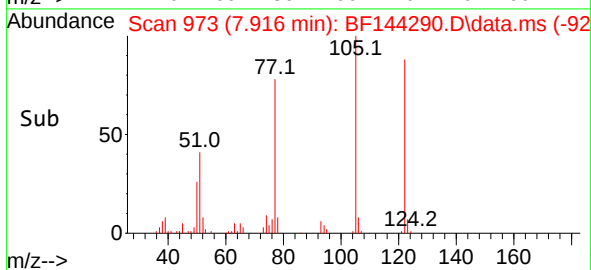
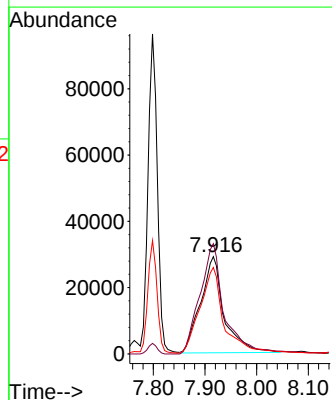
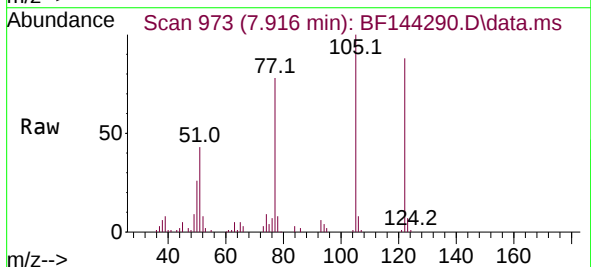
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

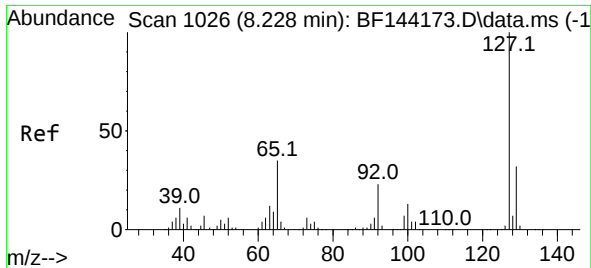
Tgt Ion:128 Resp: 418322
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 39.296 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:122 Resp: 91967
Ion Ratio Lower Upper
122 100
105 113.3 99.9 139.9
77 88.8 77.5 117.5

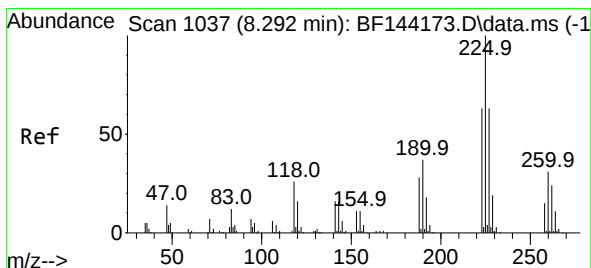
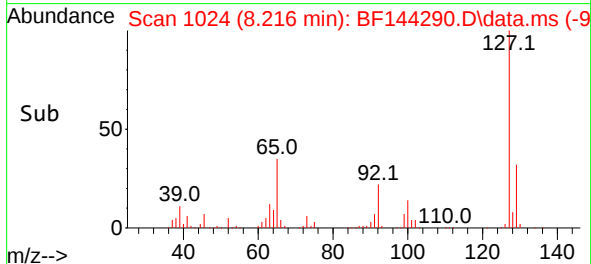
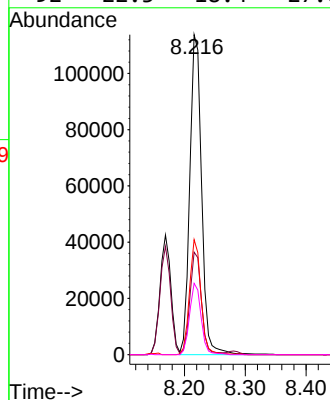
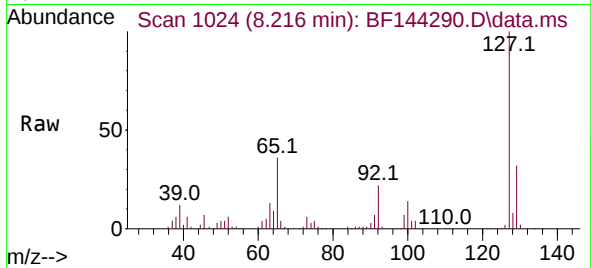




#33
4-Chloroaniline
Concen: 38.760 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

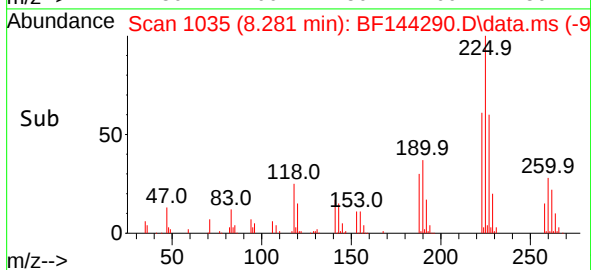
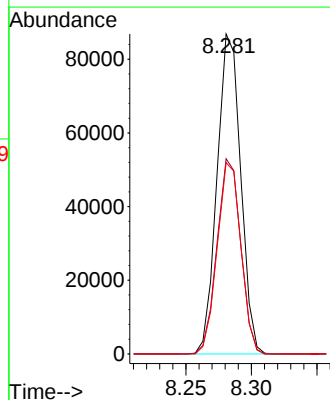
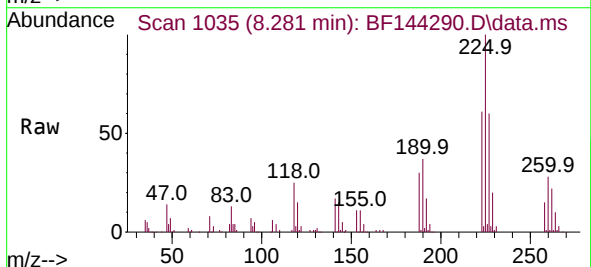
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

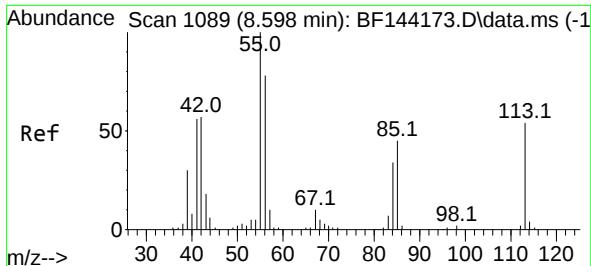
Tgt Ion:127	Resp: 153928
Ion Ratio	Lower Upper
127 100	
129 32.0	25.3 37.9
65 35.9	27.6 41.4
92 22.3	18.4 27.6



#34
Hexachlorobutadiene
Concen: 38.255 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:225	Resp: 108944
Ion Ratio	Lower Upper
225 100	
223 61.0	50.2 75.4
227 59.8	50.1 75.1

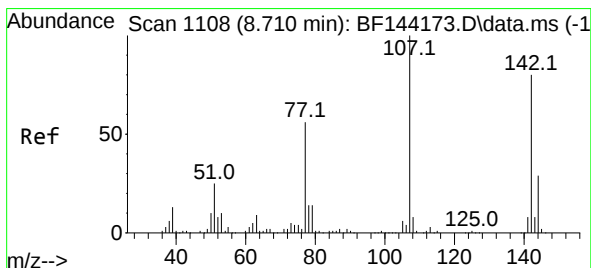
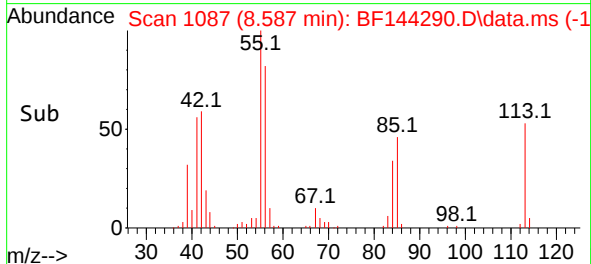
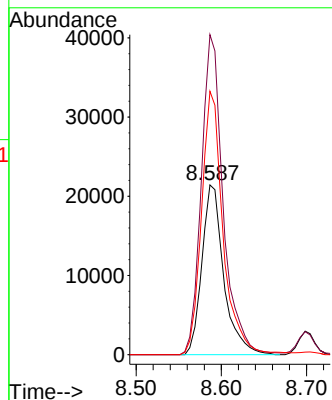
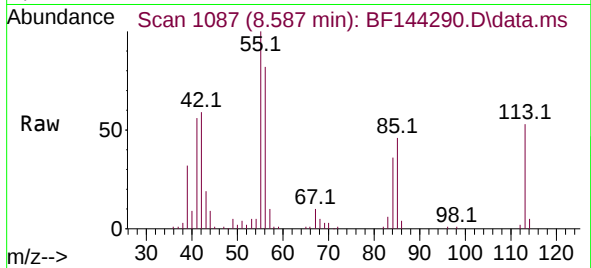




#35
 Caprolactam
 Concen: 37.780 ng
 RT: 8.587 min Scan# 1106
 Delta R.T. -0.035 min
 Lab File: BF144290.D
 Acq: 20 Nov 2025 12:32

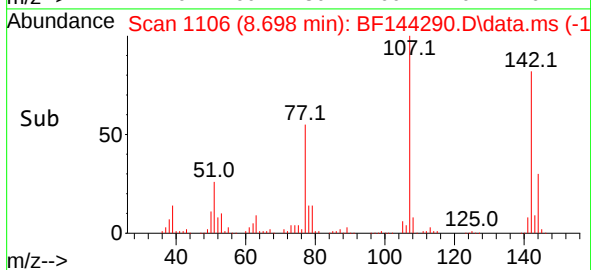
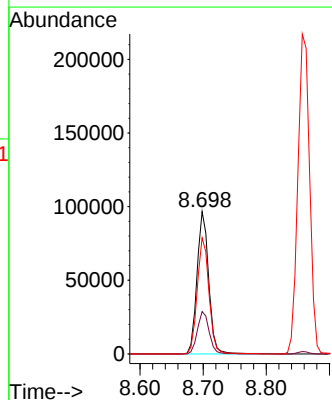
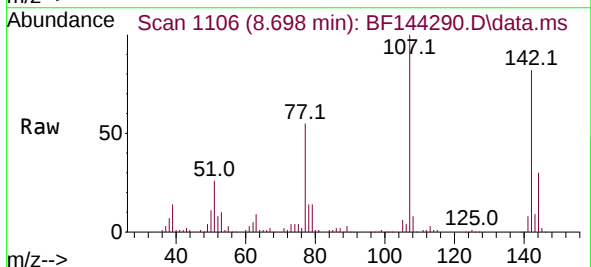
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

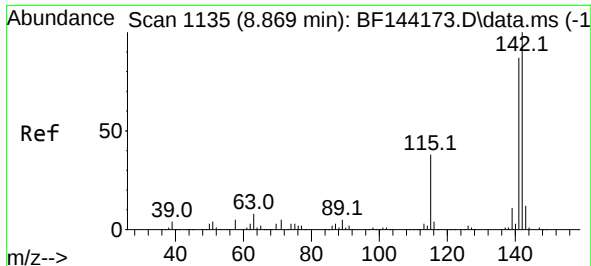
Tgt Ion:113 Resp: 38090
 Ion Ratio Lower Upper
 113 100
 55 188.5 166.8 206.8
 56 155.1 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.761 ng
 RT: 8.698 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF144290.D
 Acq: 20 Nov 2025 12:32

Tgt Ion:107 Resp: 124537
 Ion Ratio Lower Upper
 107 100
 144 29.7 23.3 34.9
 142 81.6 63.8 95.6

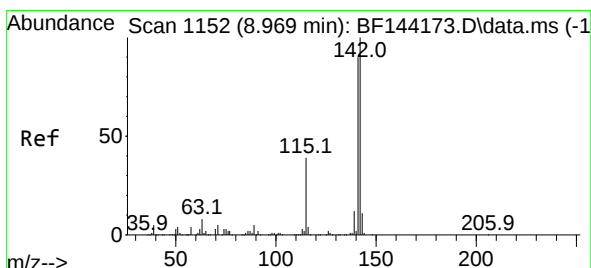
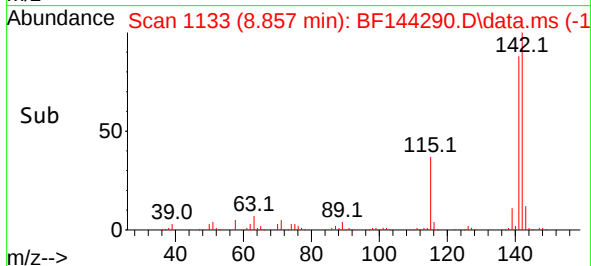
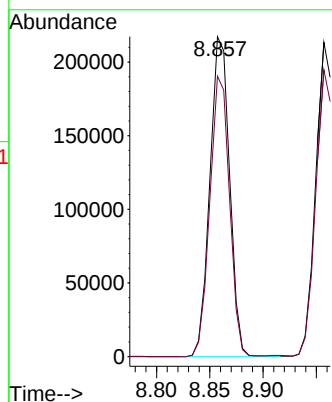
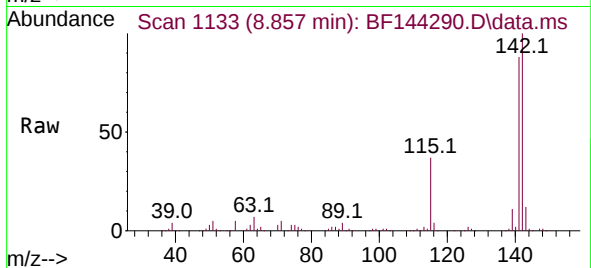




#37
2-Methylnaphthalene
Concen: 38.400 ng
RT: 8.857 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

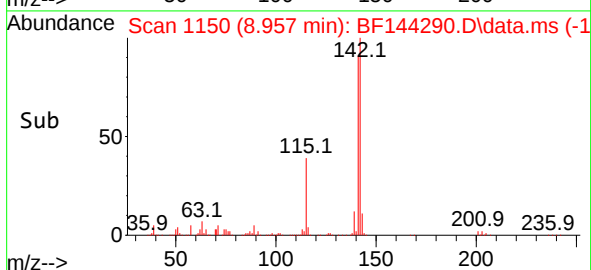
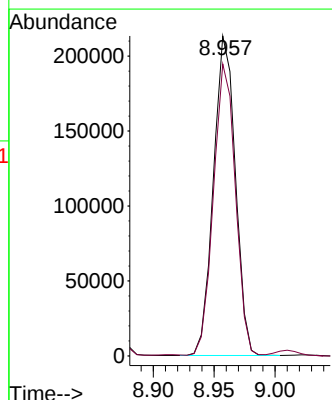
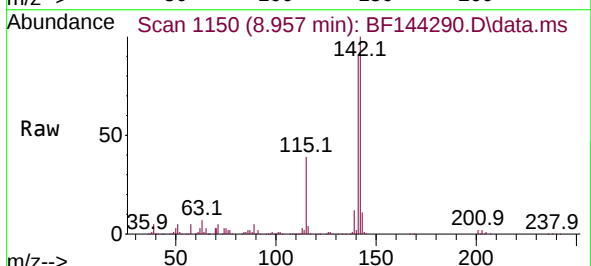
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

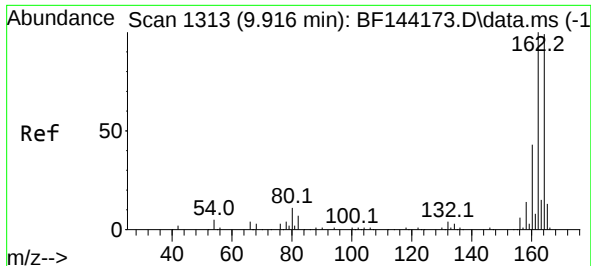
Tgt Ion:142 Resp: 279555
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9



#38
1-Methylnaphthalene
Concen: 38.000 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:142 Resp: 266932
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1

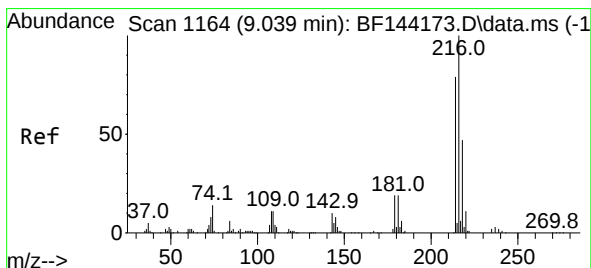
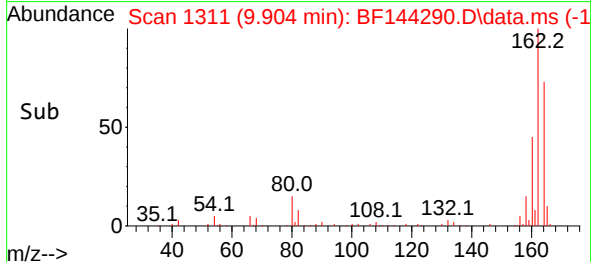
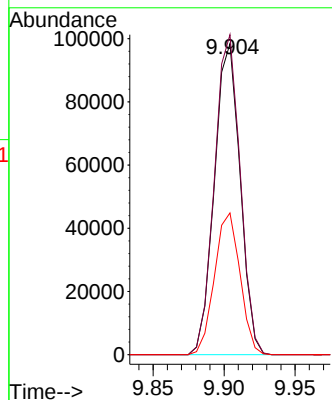
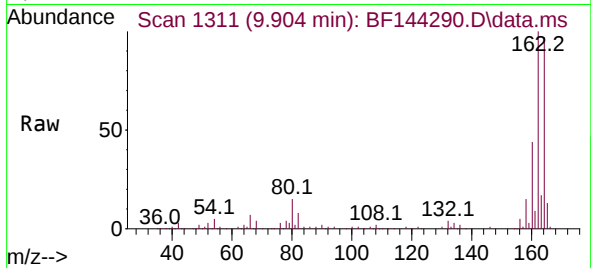




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

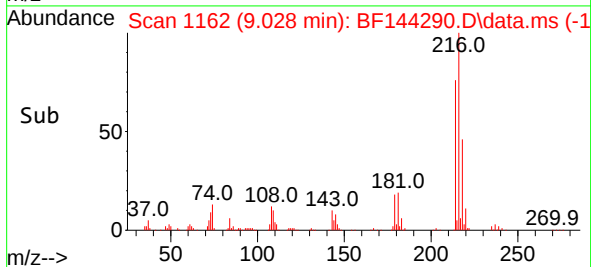
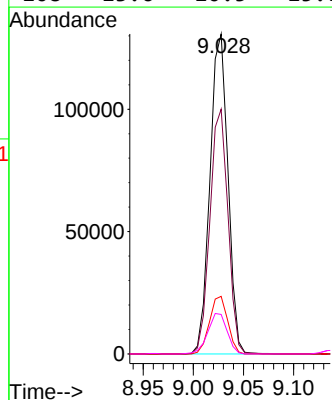
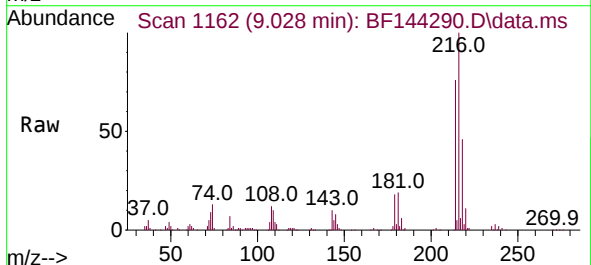
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

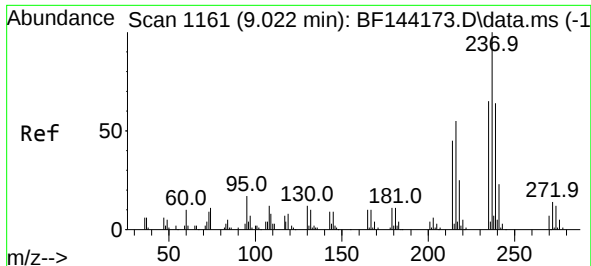
Tgt Ion:164 Resp: 123999
Ion Ratio Lower Upper
164 100
162 102.9 81.1 121.7
160 45.6 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.964 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:216 Resp: 162406
Ion Ratio Lower Upper
216 100
214 76.7 63.4 95.2
179 18.3 15.0 22.4
108 13.6 10.5 15.7

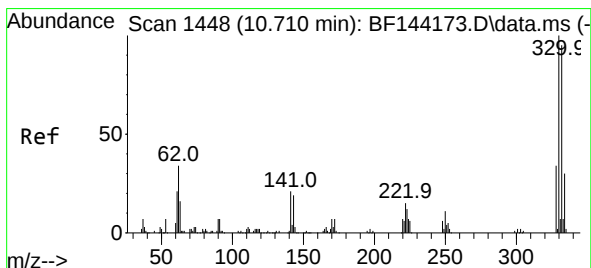
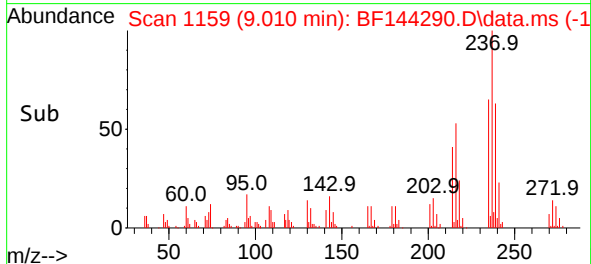
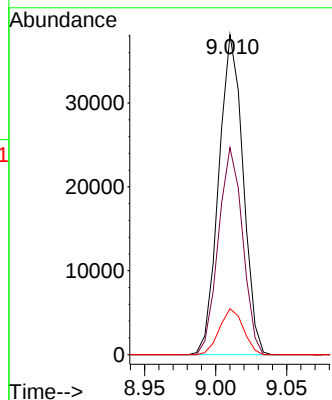
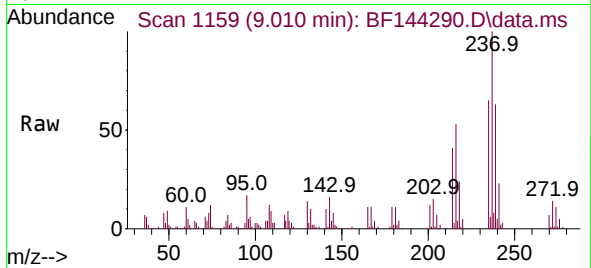




#41
Hexachlorocyclopentadiene
Concen: 37.420 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

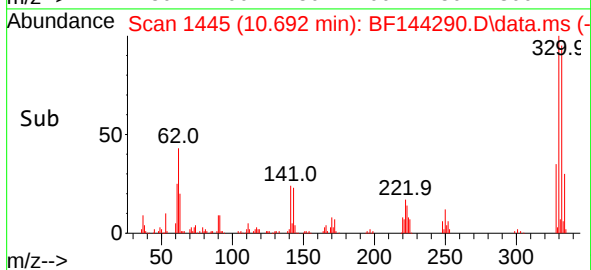
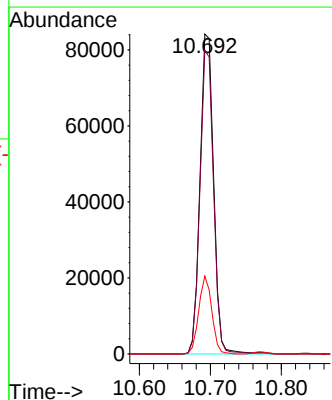
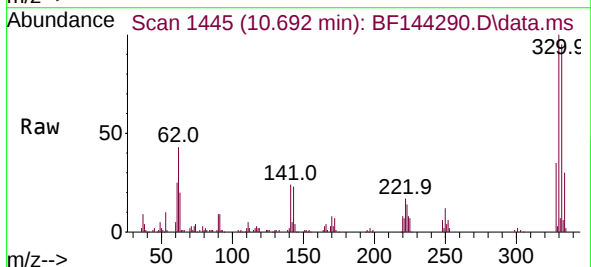
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ClientSampleId :
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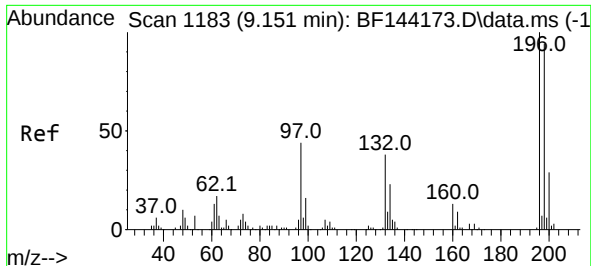
Tgt Ion:237 Resp: 45409
Ion Ratio Lower Upper
237 100
235 64.7 45.5 85.5
272 14.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 71.572 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:330 Resp: 111369
Ion Ratio Lower Upper
330 100
332 94.0 76.7 115.1
141 23.2 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 39.683 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

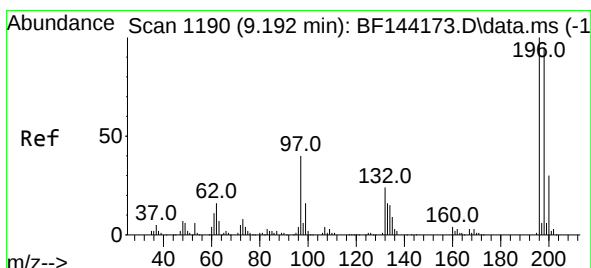
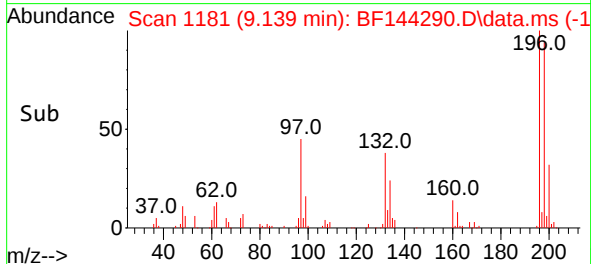
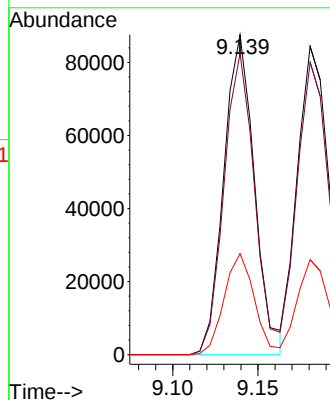
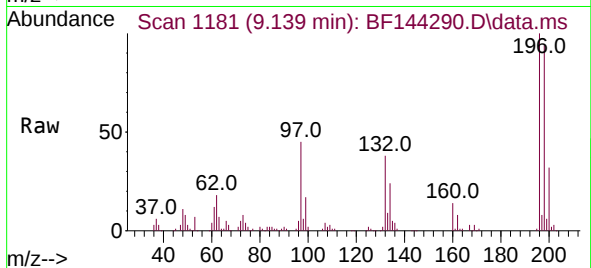
Tgt Ion:196 Resp: 109761

Ion Ratio Lower Upper

196 100

198 94.1 75.3 112.9

200 31.6 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 38.083 ng

RT: 9.181 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Tgt Ion:196 Resp: 113526

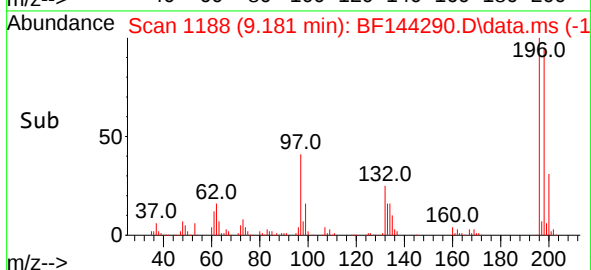
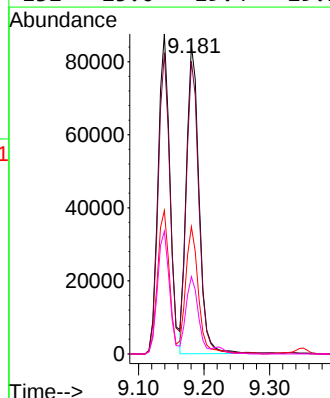
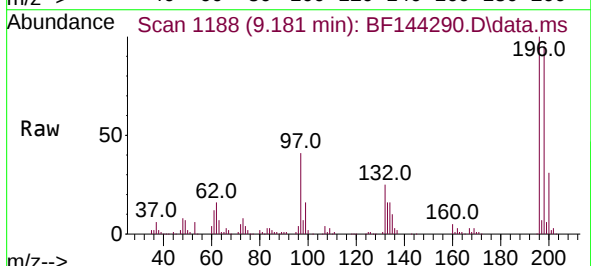
Ion Ratio Lower Upper

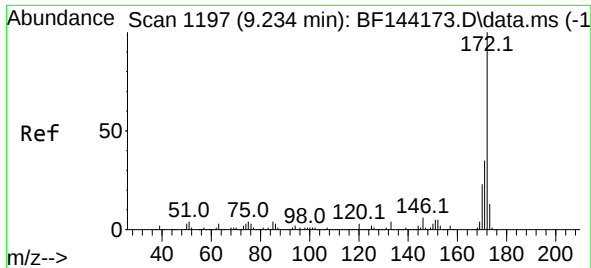
196 100

198 94.8 76.1 114.1

97 41.2 31.9 47.9

132 25.0 19.4 29.2

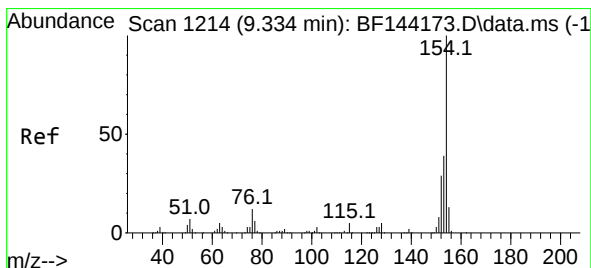
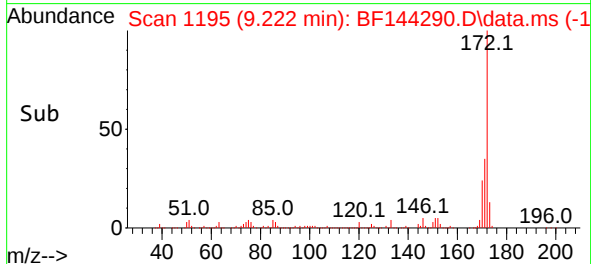
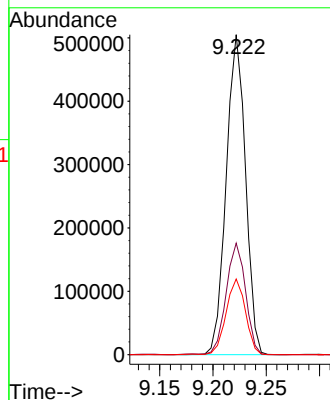
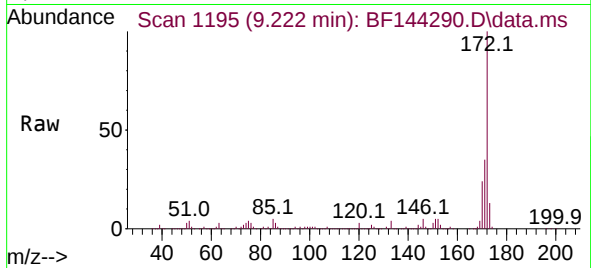




#45
2-Fluorobiphenyl
Concen: 75.887 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

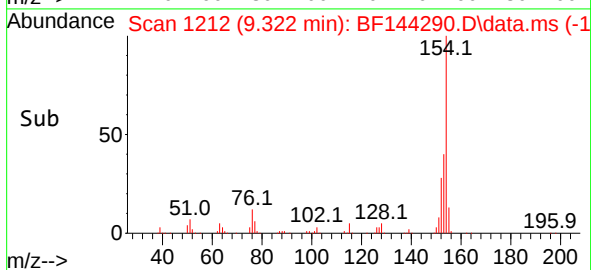
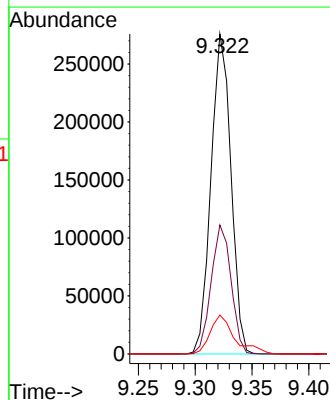
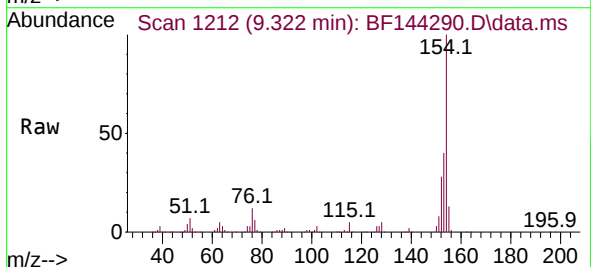
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

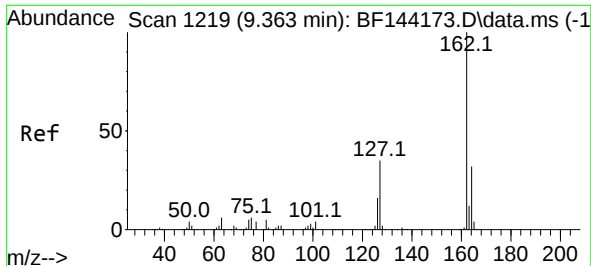
Tgt Ion:172 Resp: 637123
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.986 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:154 Resp: 337441
Ion Ratio Lower Upper
154 100
153 40.3 19.2 59.2
76 12.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 38.367 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

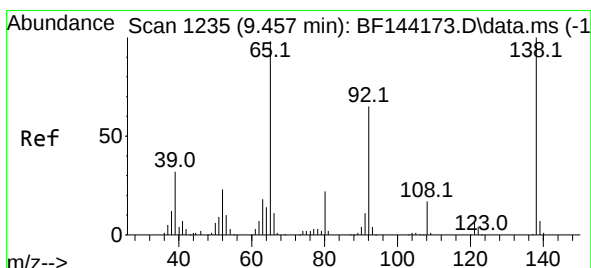
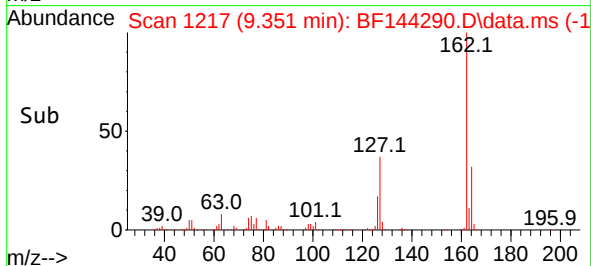
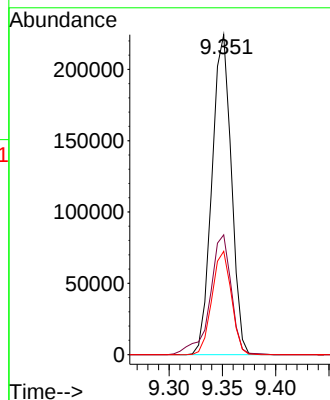
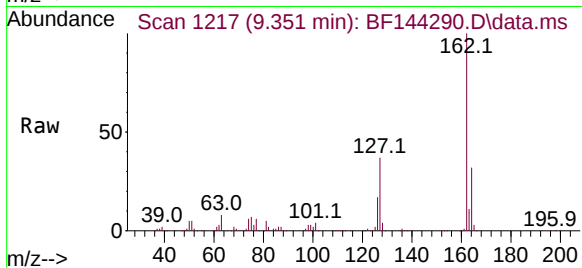
Tgt Ion:162 Resp: 283270

Ion Ratio Lower Upper

162 100

127 37.4 28.8 43.2

164 32.3 25.8 38.8



#48

2-Nitroaniline

Concen: 39.686 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

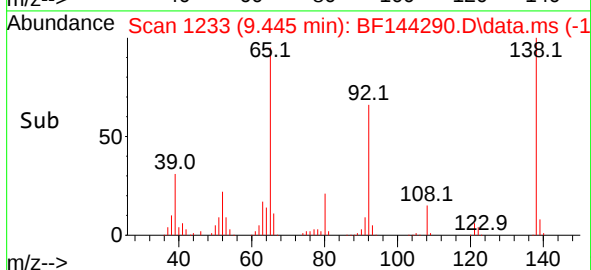
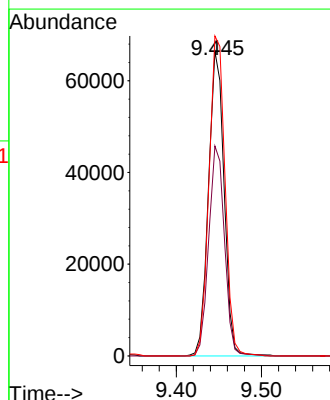
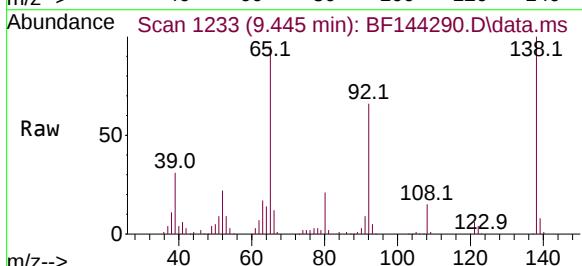
Tgt Ion: 65 Resp: 84543

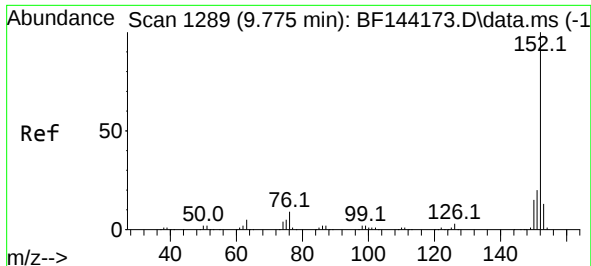
Ion Ratio Lower Upper

65 100

92 68.9 53.0 79.6

138 105.0 81.6 122.4

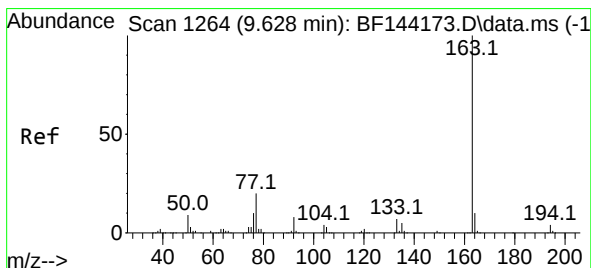
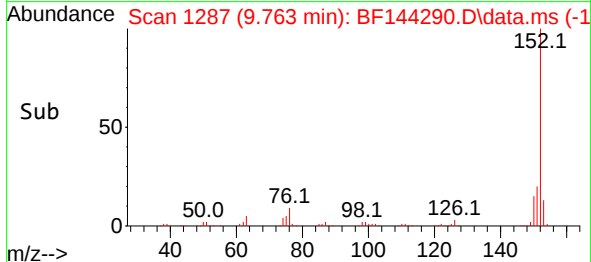
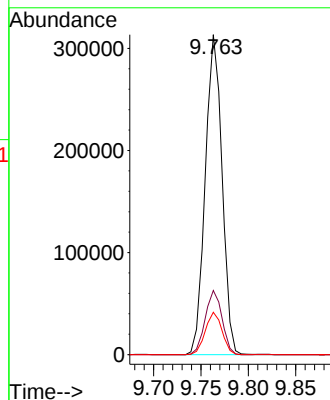
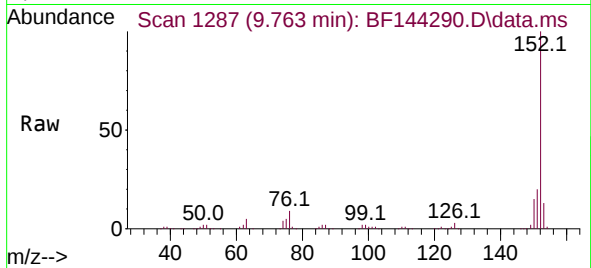




#49
Acenaphthylene
Concen: 38.488 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

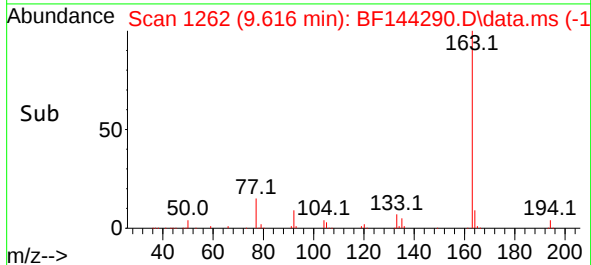
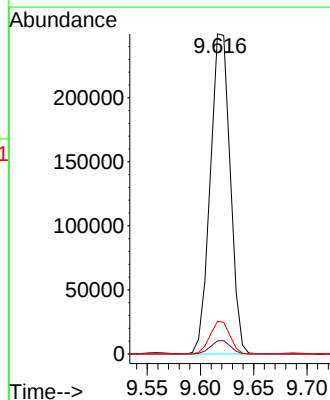
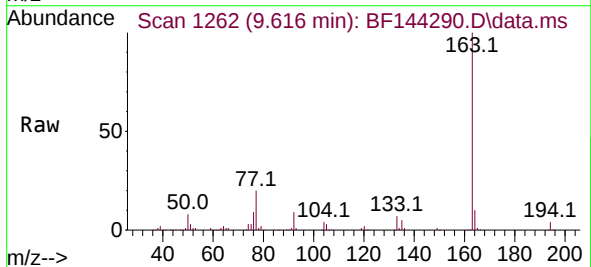
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

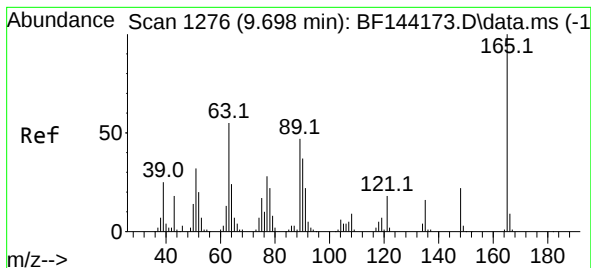
Tgt Ion:152 Resp: 387241
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 39.738 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:163 Resp: 326438
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 40.562 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

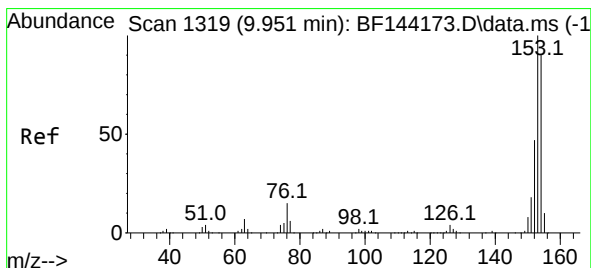
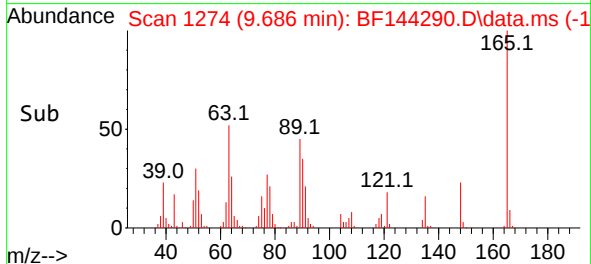
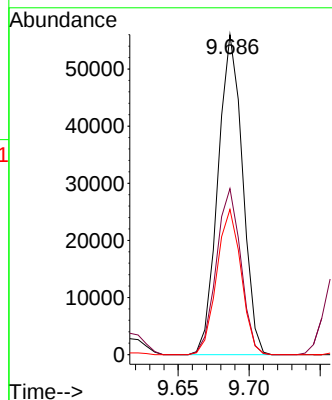
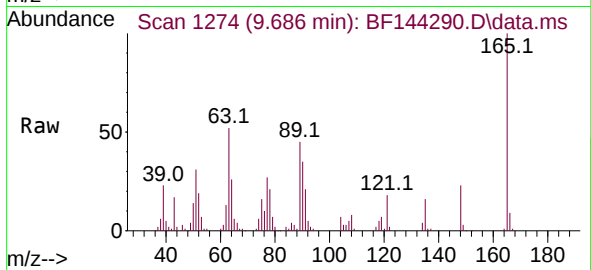
Tgt Ion:165 Resp: 67452

Ion Ratio Lower Upper

165 100

63 51.9 43.8 65.8

89 45.4 37.5 56.3



#52

Acenaphthene

Concen: 36.763 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

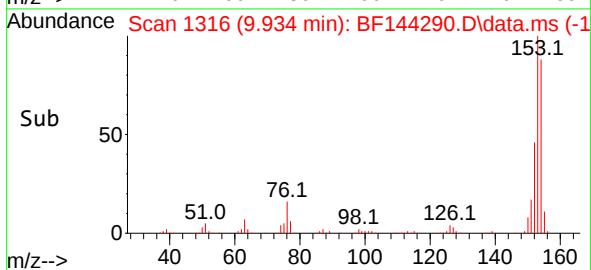
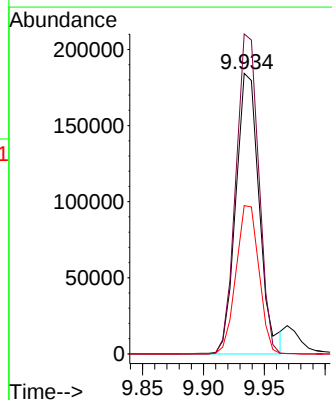
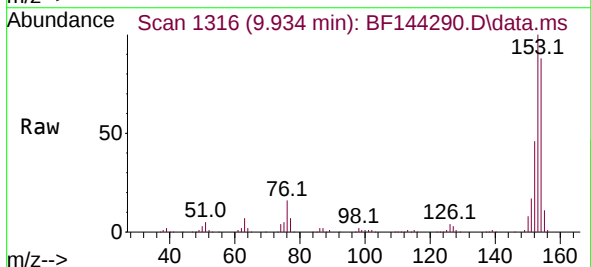
Tgt Ion:154 Resp: 247347

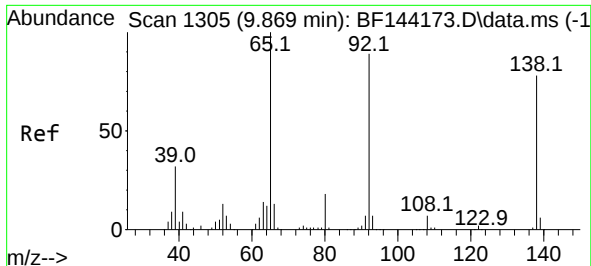
Ion Ratio Lower Upper

154 100

153 114.1 89.0 133.4

152 52.8 42.2 63.4

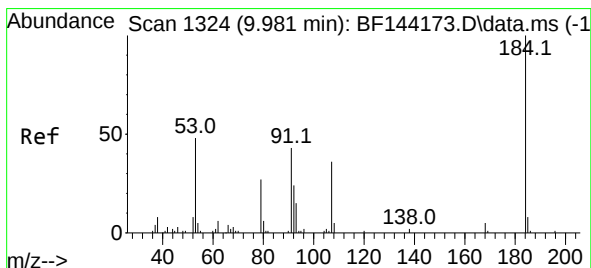
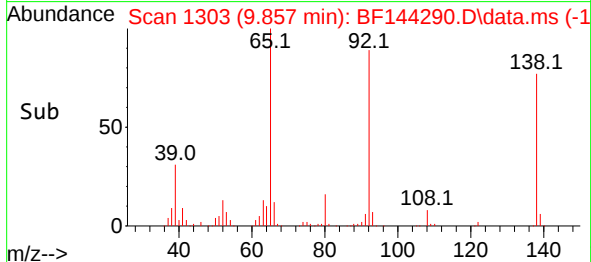
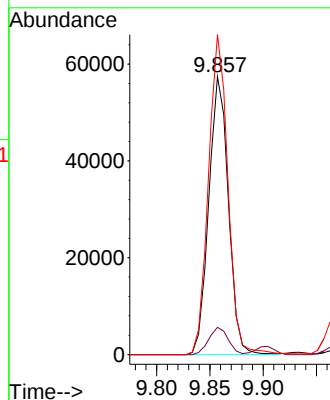
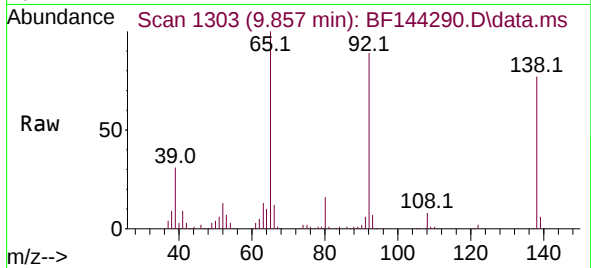




#53
3-Nitroaniline
Concen: 40.468 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

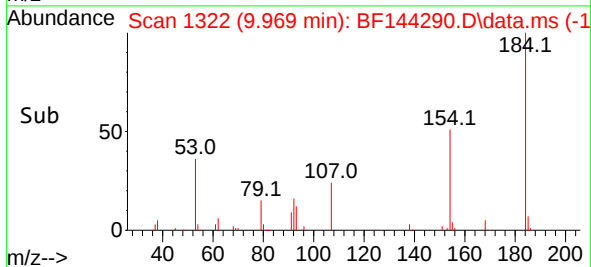
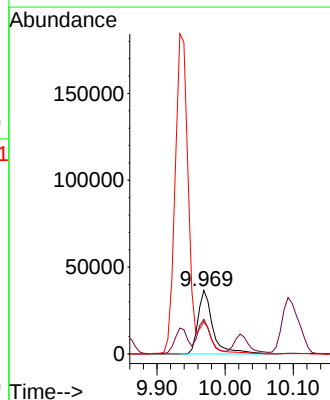
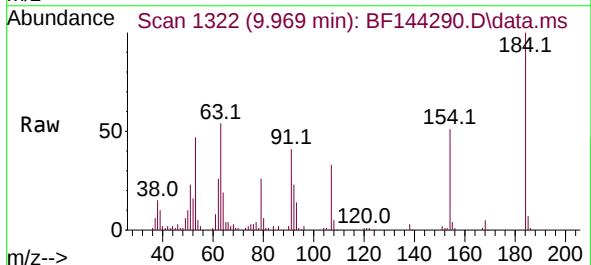
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

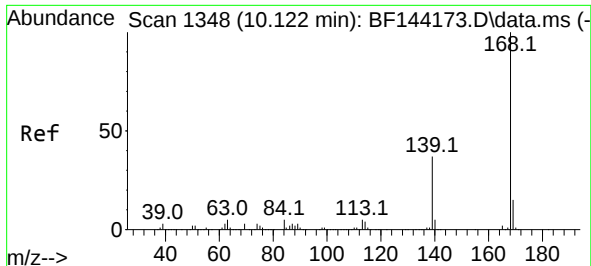
Tgt Ion:138 Resp: 73564
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 115.1 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 55.211 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.018 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:184 Resp: 55441
Ion Ratio Lower Upper
184 100
63 54.4 44.0 66.0
154 50.9 42.4 63.6

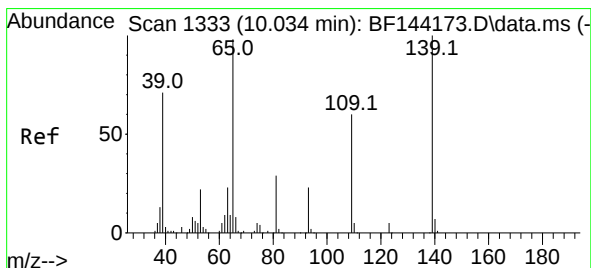
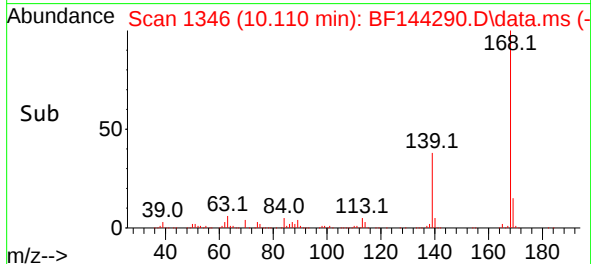
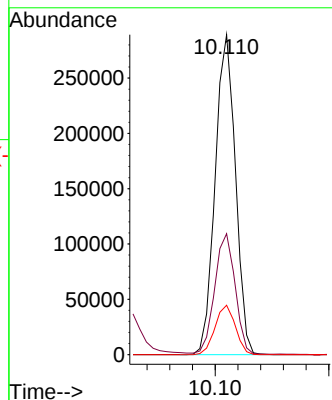
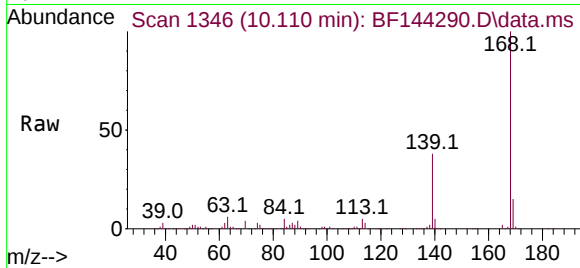




#55
Dibenzenofuran
Concen: 38.044 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

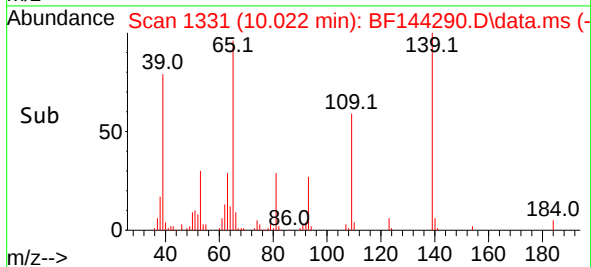
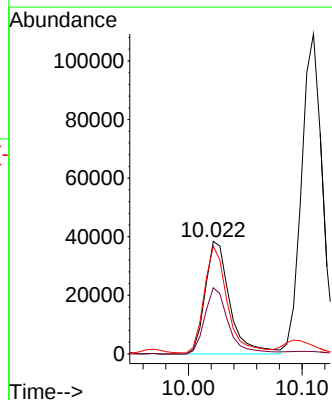
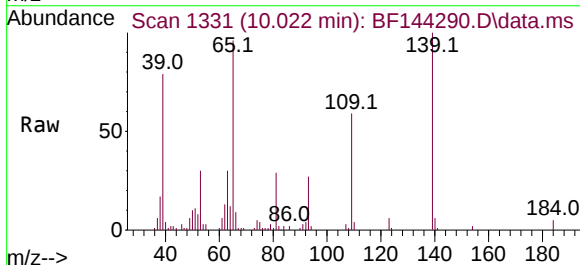
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

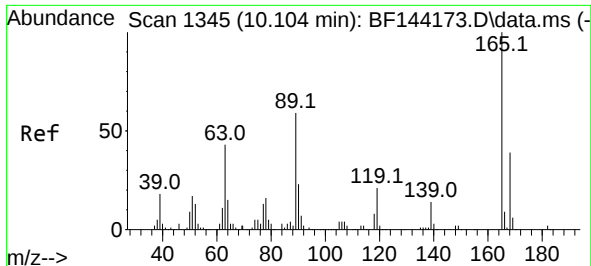
Tgt Ion:168 Resp: 358491
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.2
169 15.4 12.2 18.4



#56
4-Nitrophenol
Concen: 43.906 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.018 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:139 Resp: 57734
Ion Ratio Lower Upper
139 100
109 58.7 39.9 79.9
65 95.6 79.5 119.5

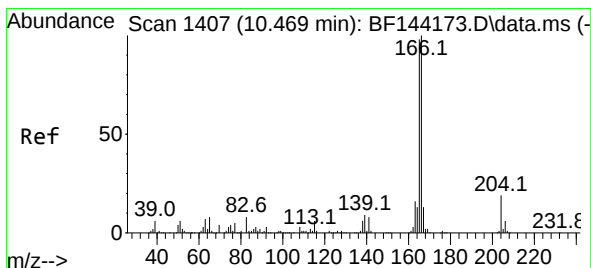
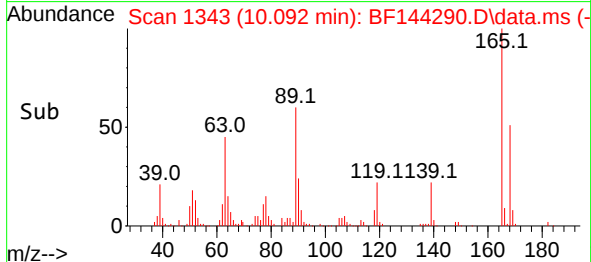
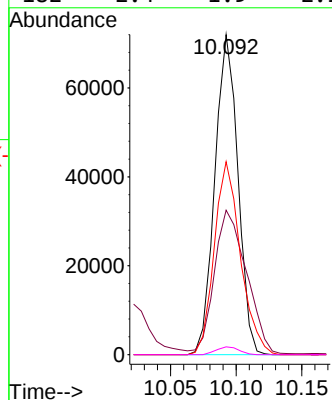
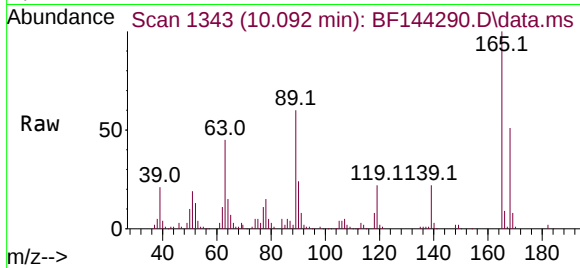




#57
2,4-Dinitrotoluene
Concen: 39.583 ng
RT: 10.092 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

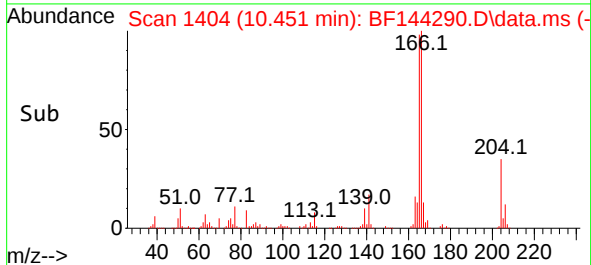
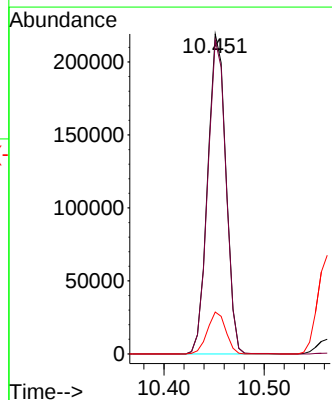
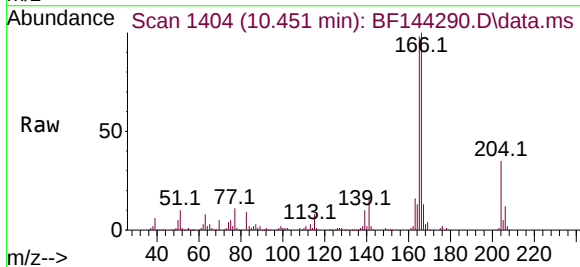
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

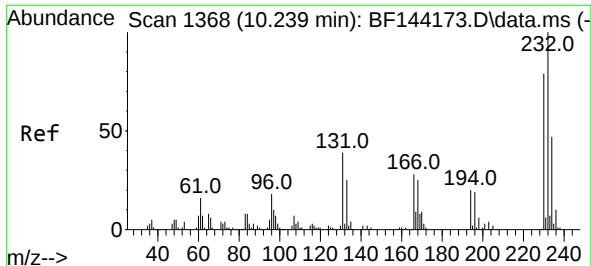
Tgt Ion:165	Resp:	88118
Ion Ratio	Lower	Upper
165	100	
63	45.1	35.5 53.3
89	60.3	47.4 71.2
182	2.4	1.9 2.9



#58
Fluorene
Concen: 38.501 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:166	Resp:	275842
Ion Ratio	Lower	Upper
166	100	
165	98.0	78.6 118.0
167	13.1	10.4 15.6

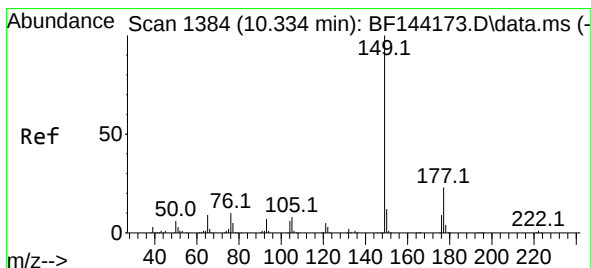
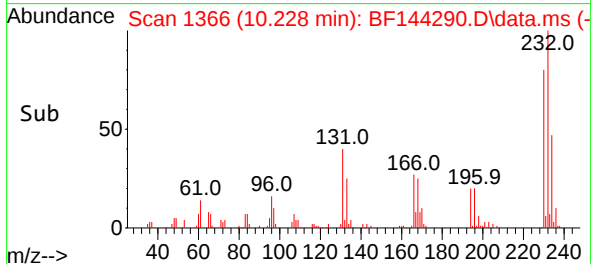
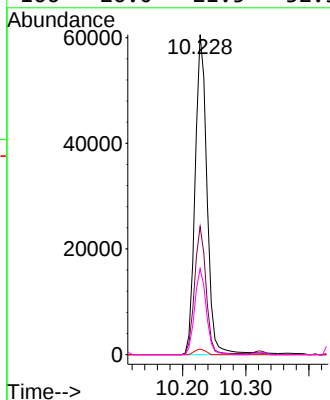
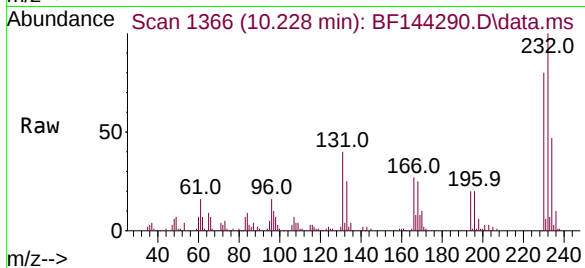




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.875 ng
RT: 10.228 min Scan# 1366
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

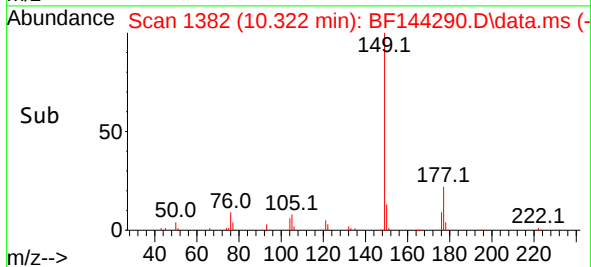
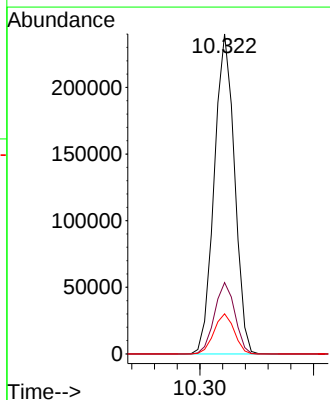
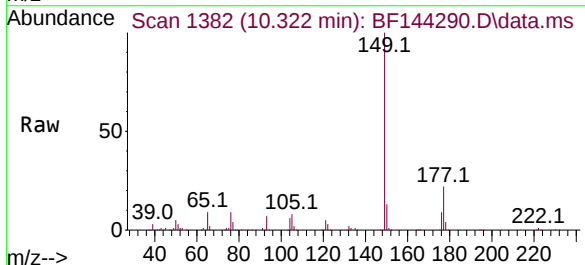
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

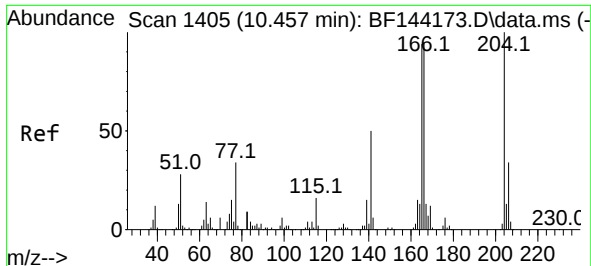
Tgt Ion:232 Resp: 79882
Ion Ratio Lower Upper
232 100
131 38.8 30.3 45.5
130 1.6 1.2 1.8
166 26.0 21.5 32.3



#60
Diethylphthalate
Concen: 39.216 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:149 Resp: 296974
Ion Ratio Lower Upper
149 100
177 22.3 18.3 27.5
150 12.5 9.8 14.6

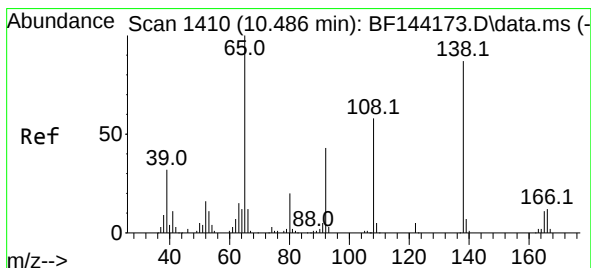
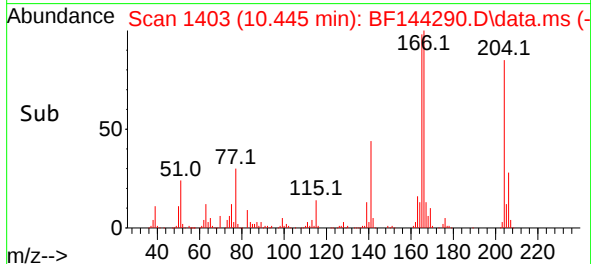
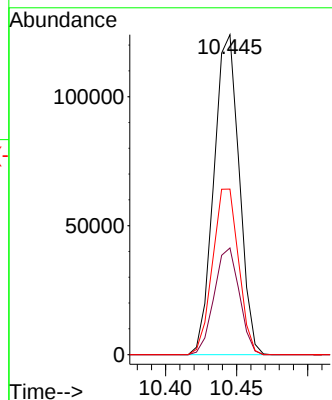
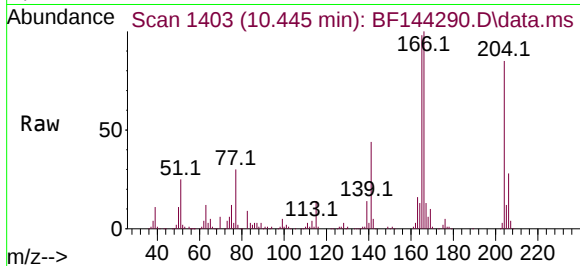




#61
4-Chlorophenyl-phenylether
Concen: 37.704 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

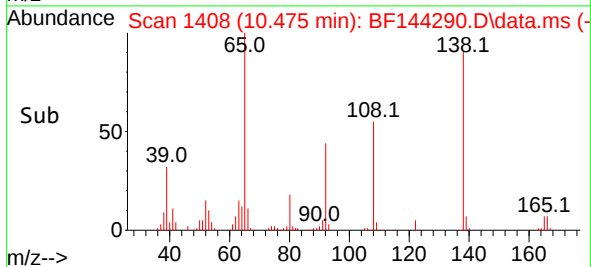
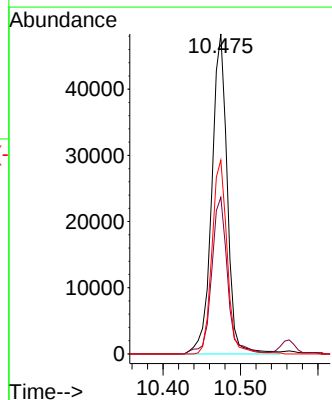
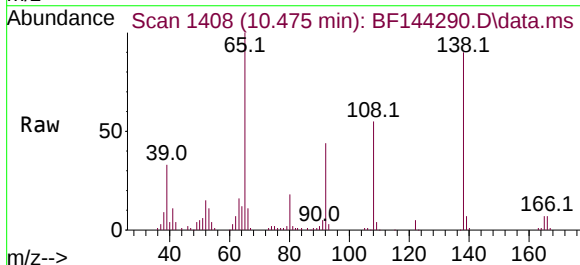
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

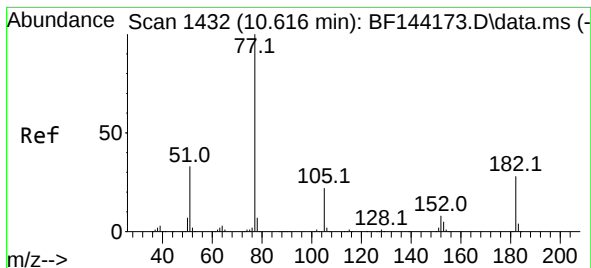
Tgt Ion:204 Resp: 153872
Ion Ratio Lower Upper
204 100
206 33.3 27.4 41.2
141 51.8 40.0 60.0



#62
4-Nitroaniline
Concen: 38.850 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:138 Resp: 67256
Ion Ratio Lower Upper
138 100
92 48.9 29.4 69.4
108 60.6 46.4 86.4





#63

Azobenzene

Concen: 39.083 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 275444

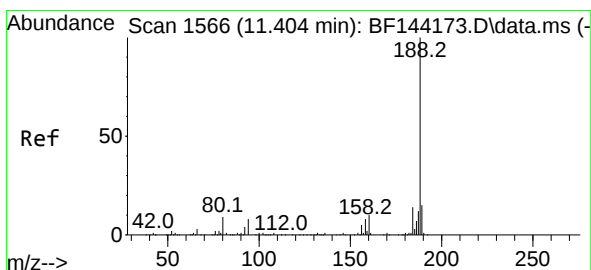
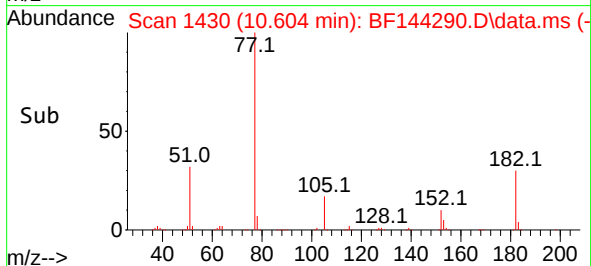
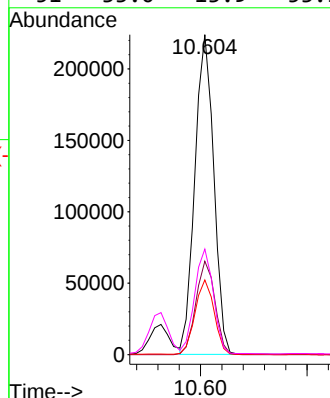
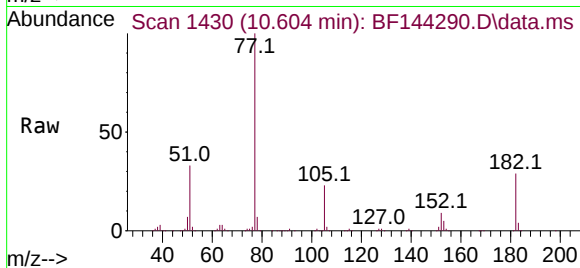
Ion Ratio Lower Upper

77 100

182 29.2 8.1 48.1

105 23.3 2.0 42.0

51 33.0 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: BF144290.D

Acq: 20 Nov 2025 12:32

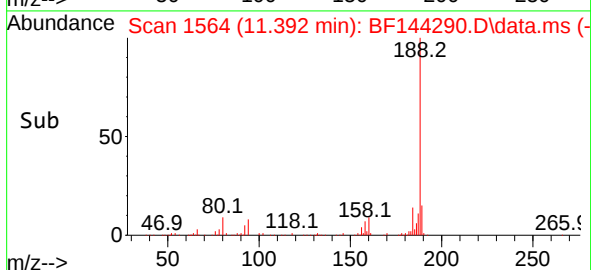
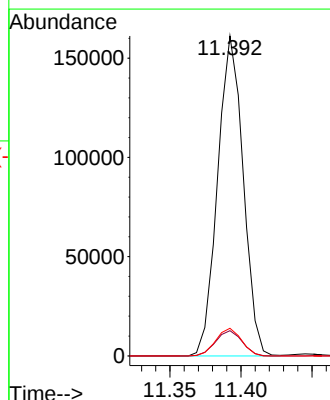
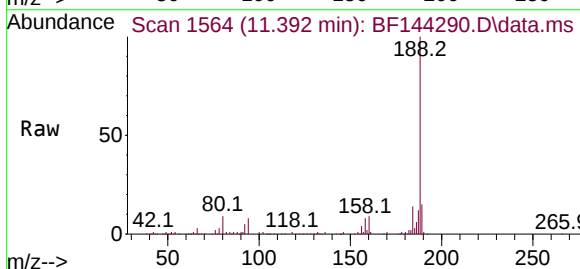
Tgt Ion: 188 Resp: 202115

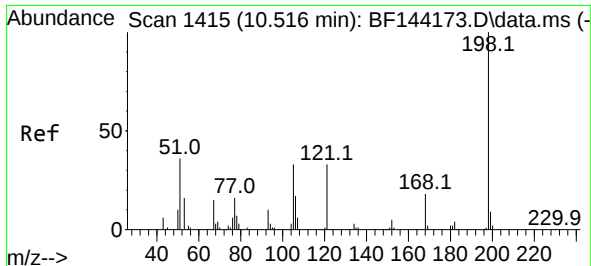
Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 8.6 6.9 10.3

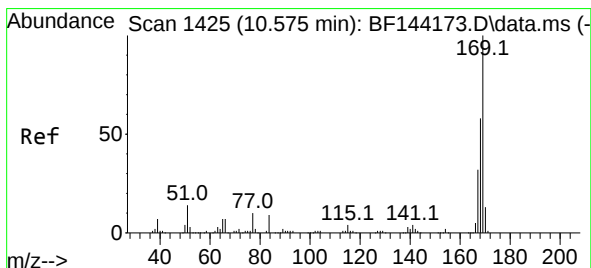
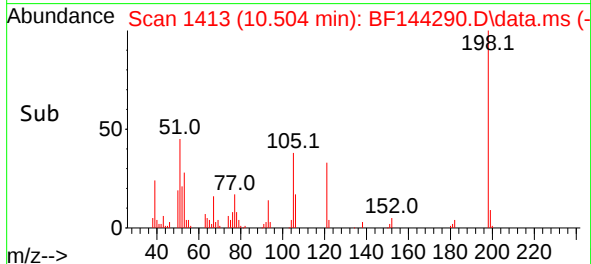
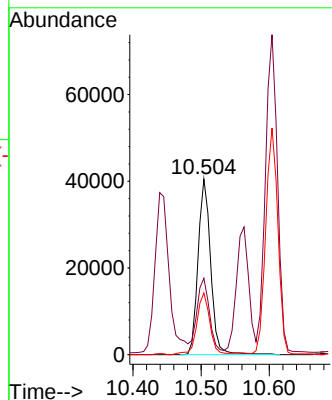
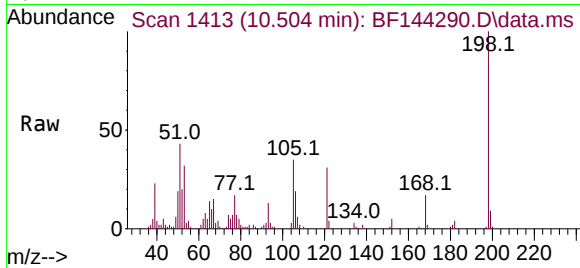




#65
4,6-Dinitro-2-methylphenol
Concen: 37.905 ng
RT: 10.504 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

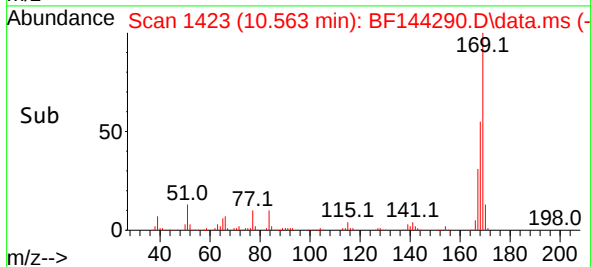
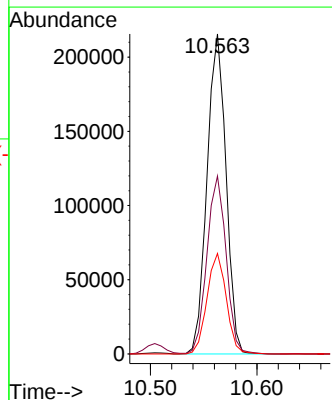
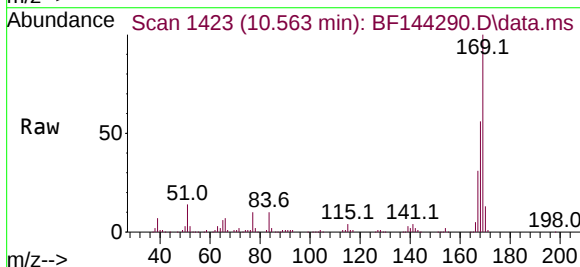
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

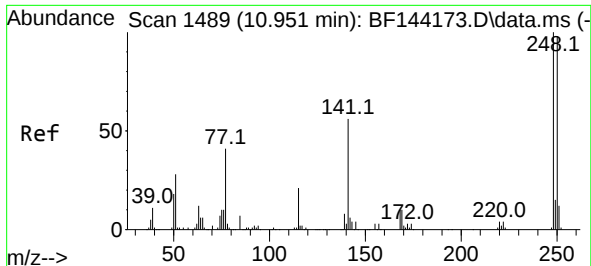
Tgt Ion:198 Resp: 52045
Ion Ratio Lower Upper
198 100
51 43.5 25.6 65.6
105 35.1 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 41.018 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:169 Resp: 266637
Ion Ratio Lower Upper
169 100
168 55.6 46.2 69.2
167 31.4 25.7 38.5

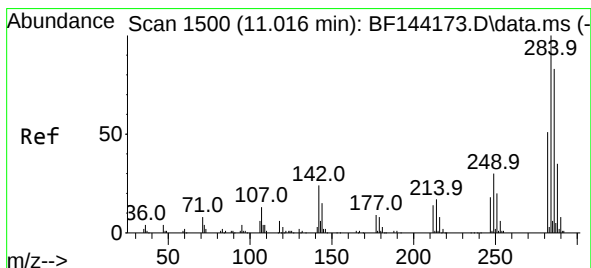
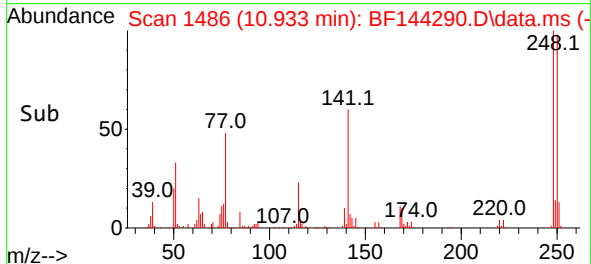
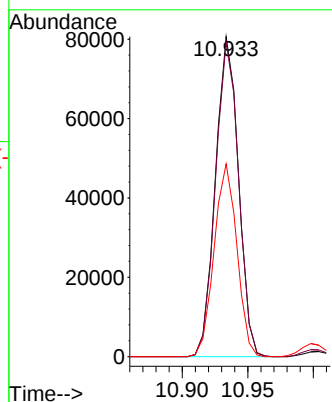
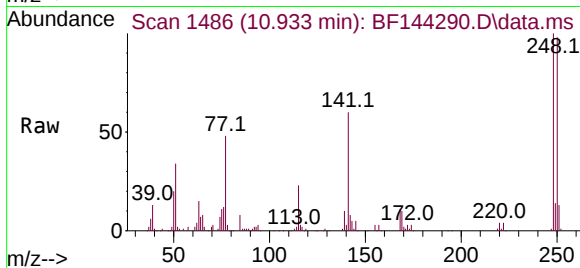




#67
4-Bromophenyl-phenylether
Concen: 38.131 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

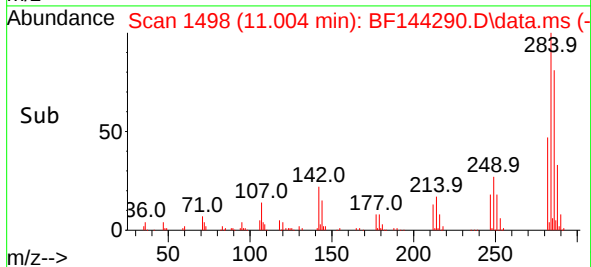
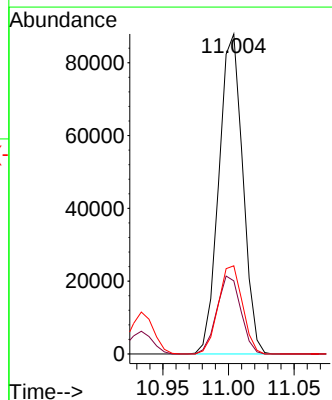
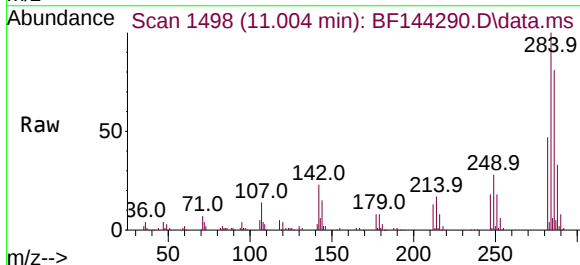
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

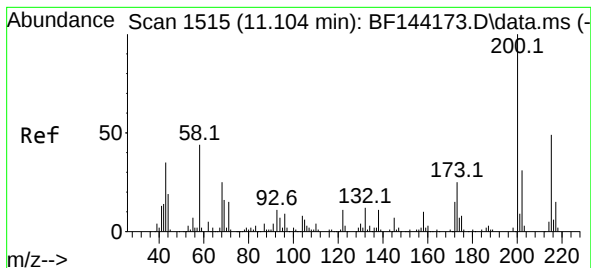
Tgt Ion:248 Resp: 98370
Ion Ratio Lower Upper
248 100
250 98.3 78.4 117.6
141 60.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 36.734 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:284 Resp: 111621
Ion Ratio Lower Upper
284 100
142 22.8 19.2 28.8
249 27.5 23.8 35.8





#69

Atrazine

Concen: 36.661 ng

RT: 11.086 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

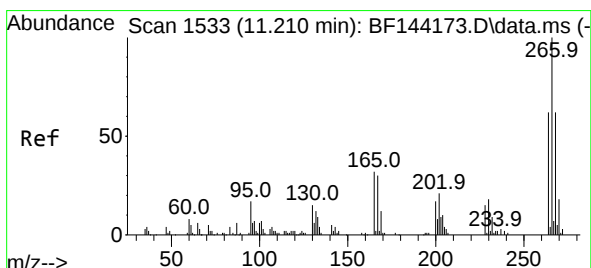
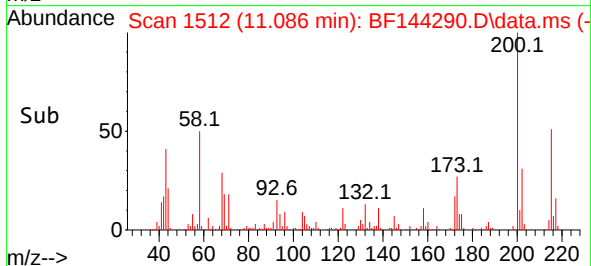
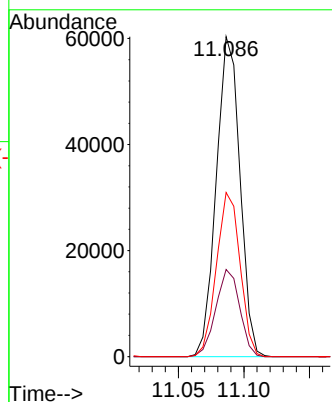
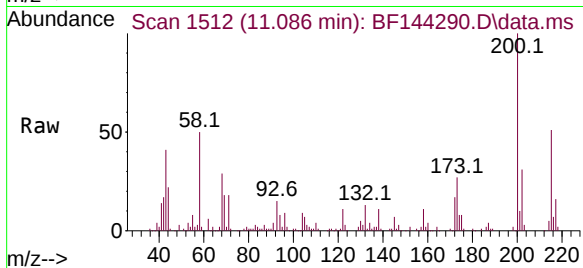
Tgt Ion:200 Resp: 75791

Ion Ratio Lower Upper

200 100

173 27.2 5.0 45.0

215 51.3 28.7 68.7



#70

Pentachlorophenol

Concen: 44.983 ng

RT: 11.198 min Scan# 1531

Delta R.T. -0.018 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

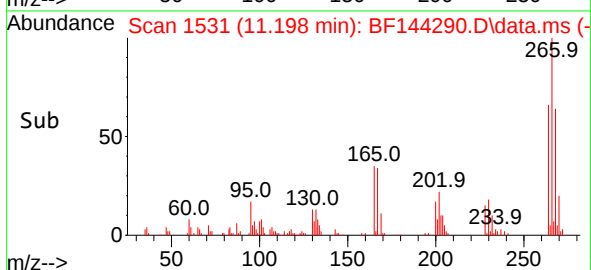
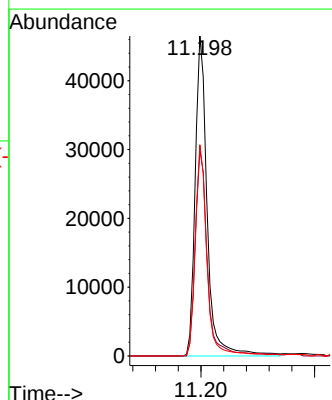
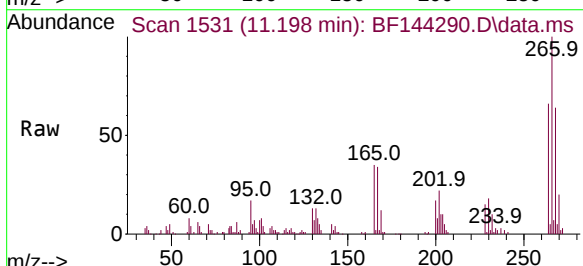
Tgt Ion:266 Resp: 68065

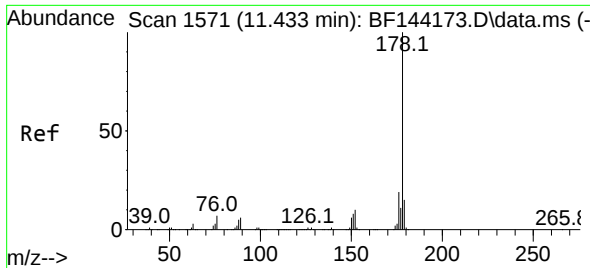
Ion Ratio Lower Upper

266 100

268 64.5 49.5 74.3

264 66.0 49.4 74.2

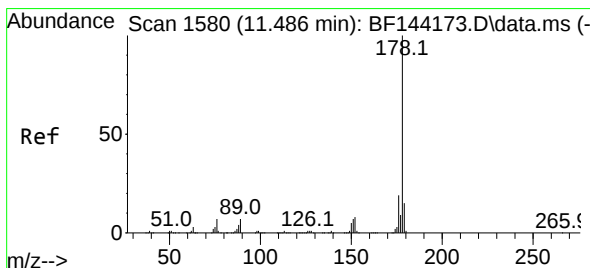
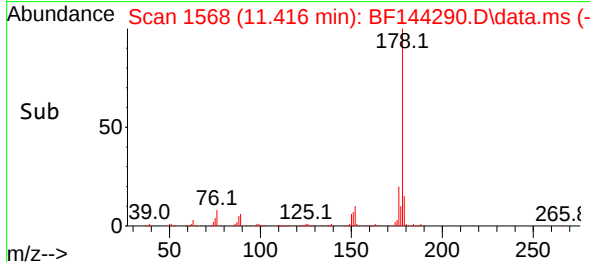
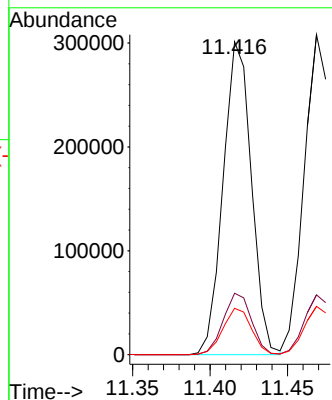
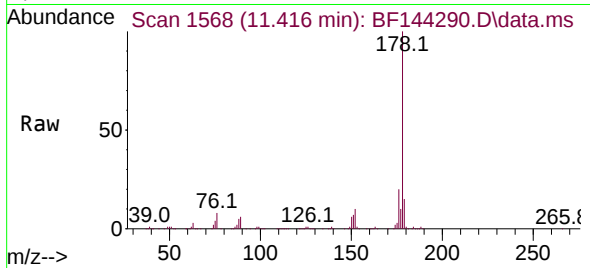




#71
Phenanthrene
Concen: 38.084 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

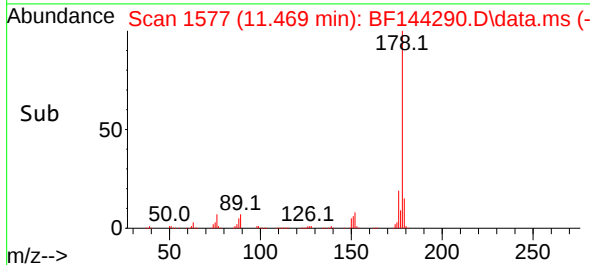
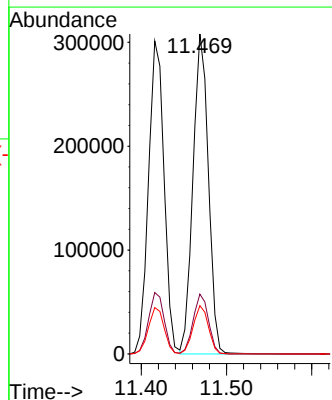
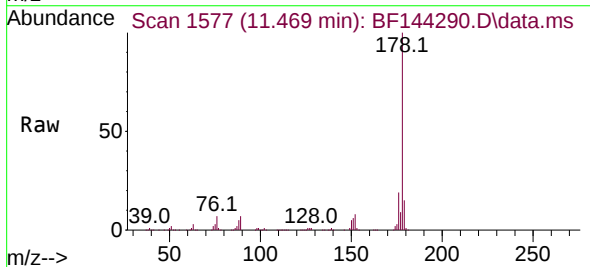
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

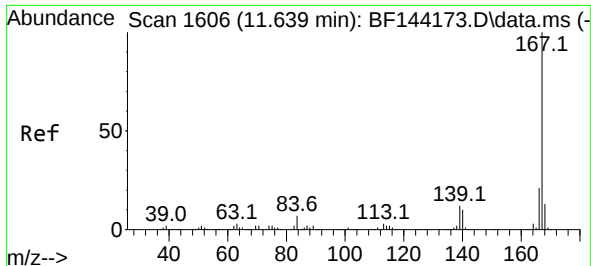
Tgt Ion:178 Resp: 383241
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 14.8 12.2 18.4



#72
Anthracene
Concen: 37.785 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:178 Resp: 386627
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.1 12.0 18.0

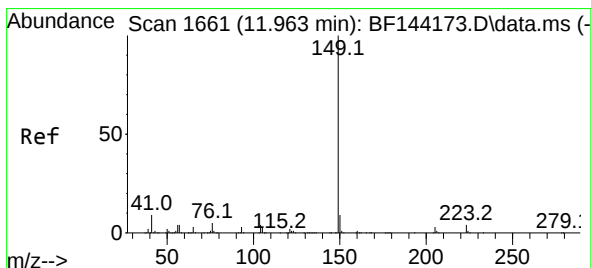
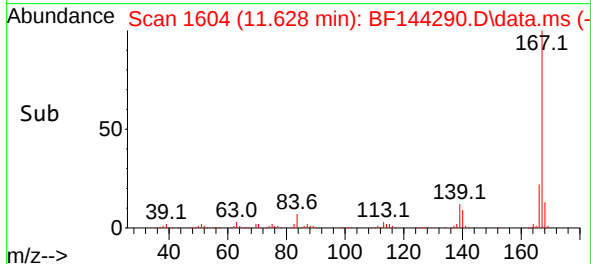
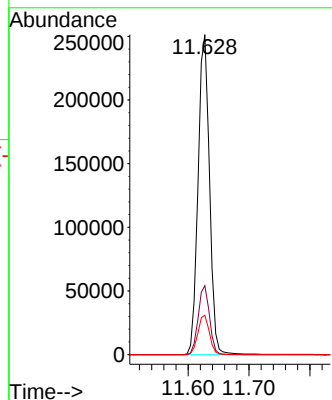
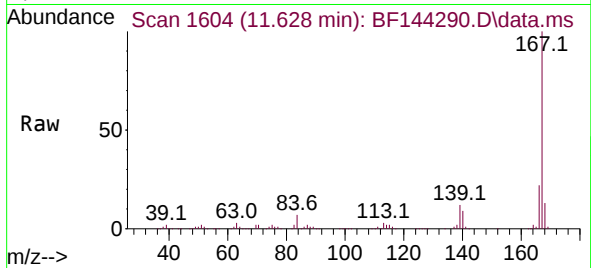




#73
Carbazole
Concen: 37.583 ng
RT: 11.628 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

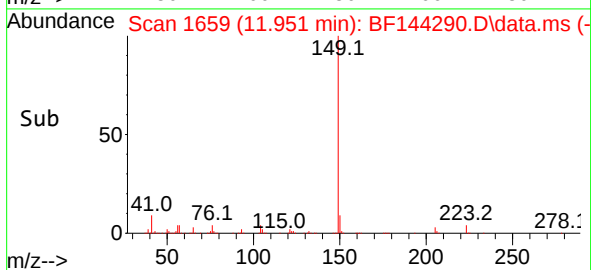
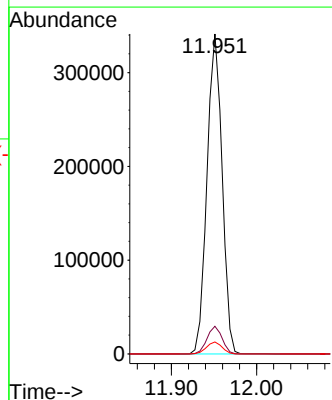
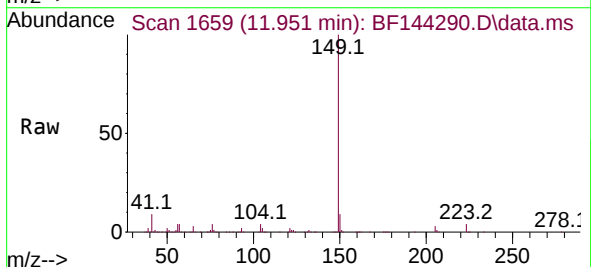
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

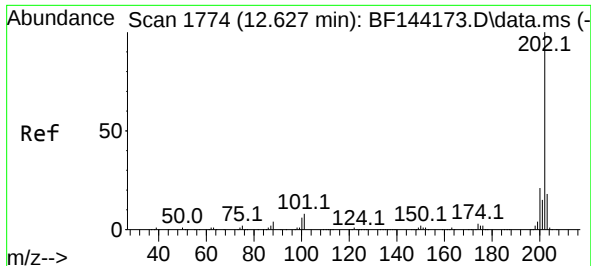
Tgt Ion:167 Resp: 327012
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 39.905 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:149 Resp: 419742
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.0
104 3.7 3.4 5.2

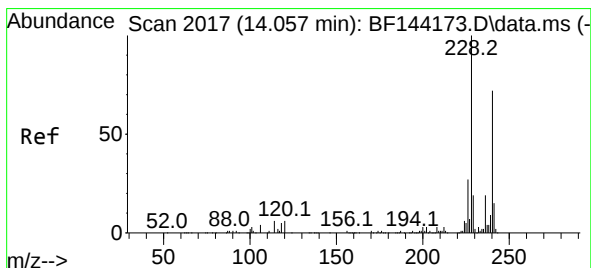
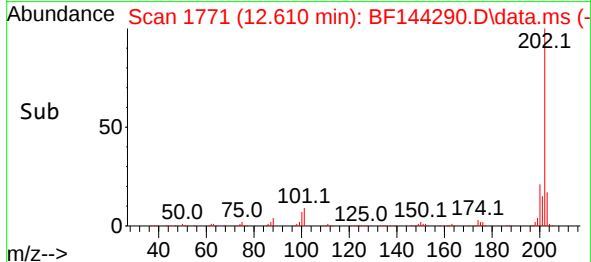
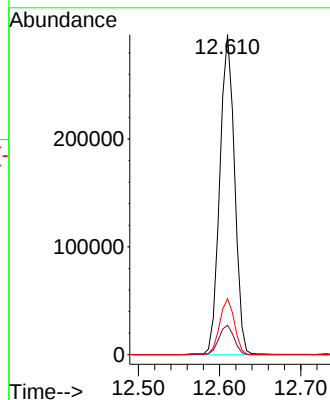
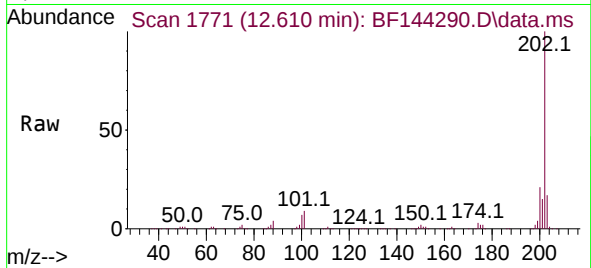




#75
Fluoranthene
Concen: 36.080 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

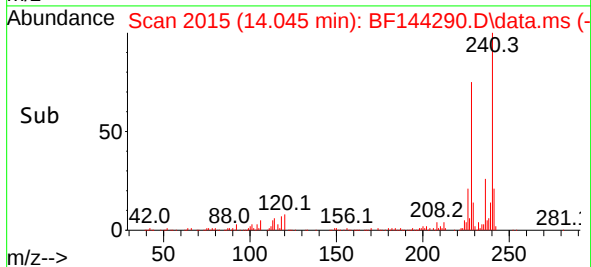
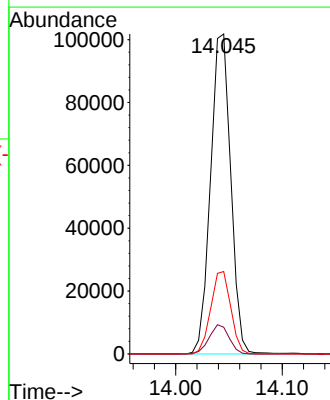
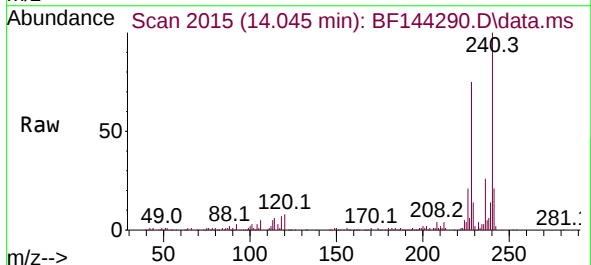
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

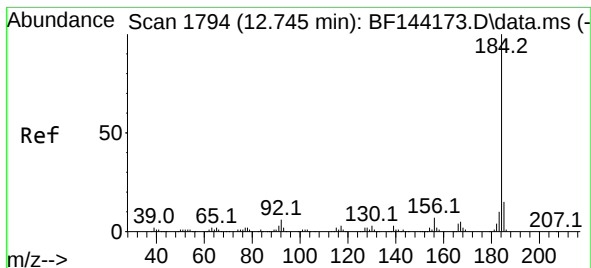
Tgt Ion:202 Resp: 375060
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.9
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:240 Resp: 134253
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 25.7 21.4 32.2





#77

Benzidine

Concen: 37.040 ng

RT: 12.733 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

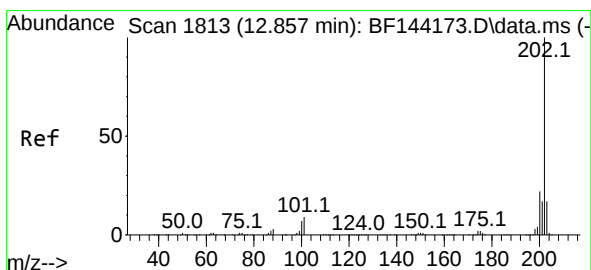
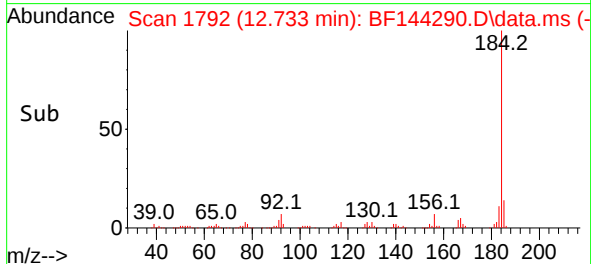
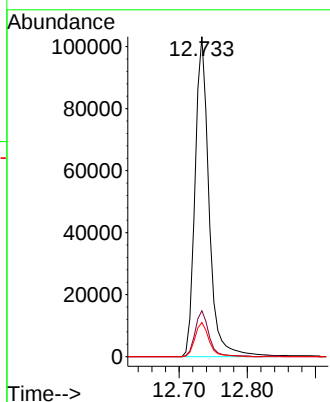
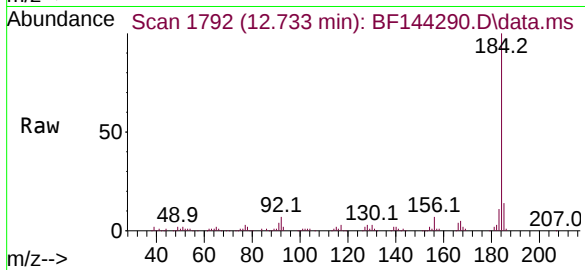
Tgt Ion:184 Resp: 147091

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 10.6 8.3 12.5



#78

Pyrene

Concen: 35.841 ng

RT: 12.839 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

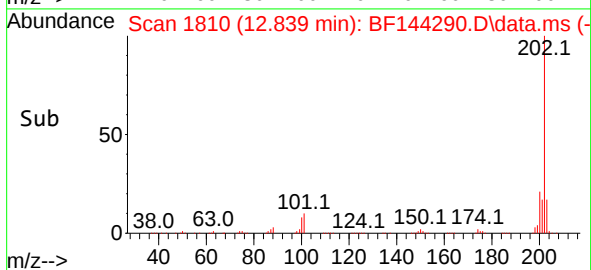
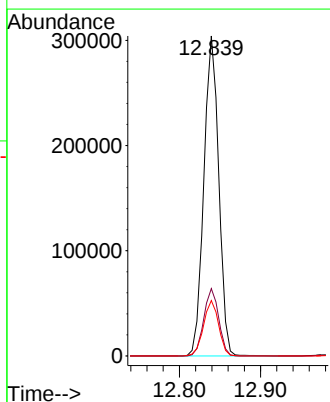
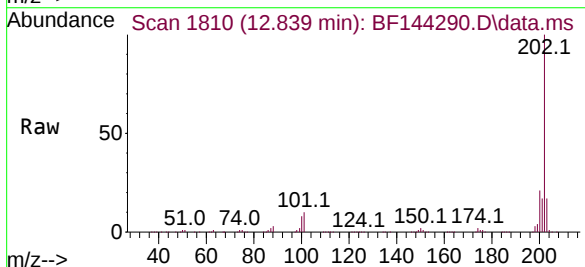
Tgt Ion:202 Resp: 387965

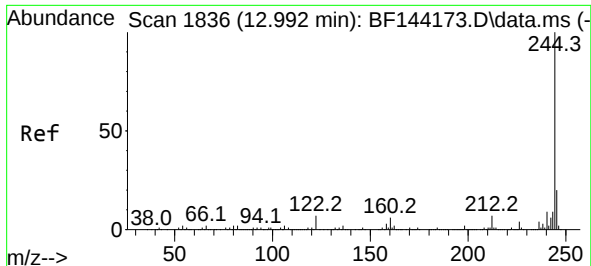
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.3 13.7 20.5

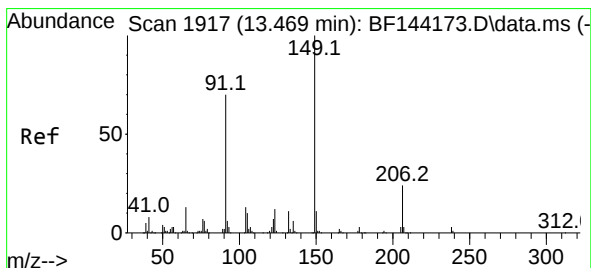
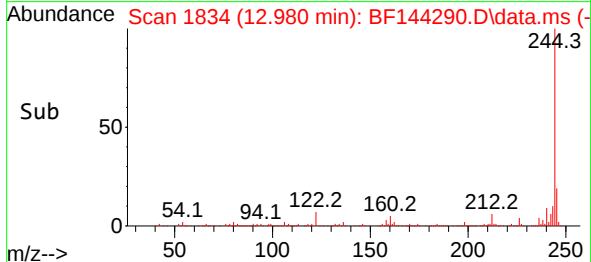
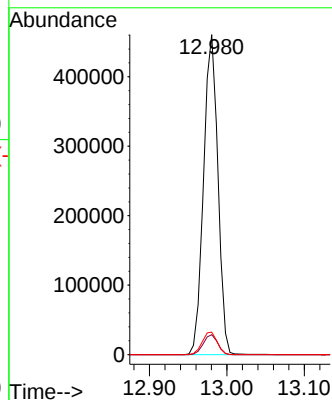
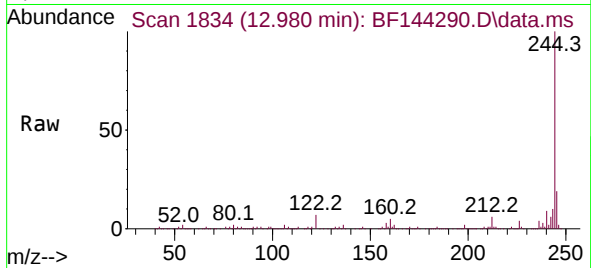




#79
 Terphenyl-d14
 Concen: 69.900 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144290.D
 Acq: 20 Nov 2025 12:32

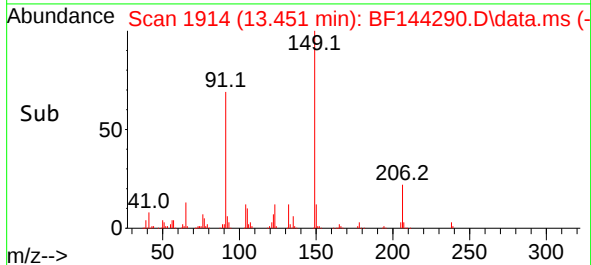
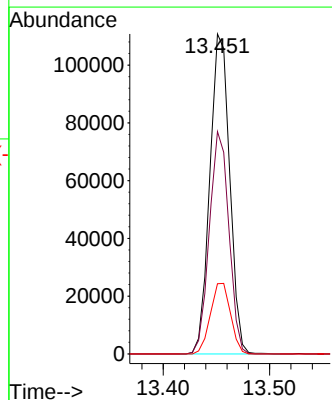
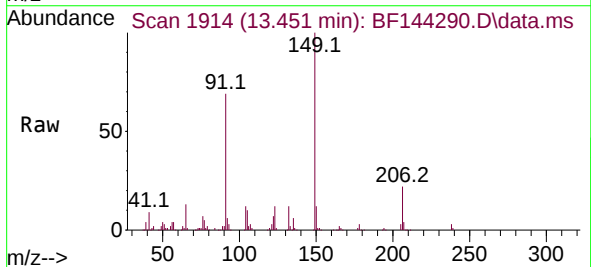
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

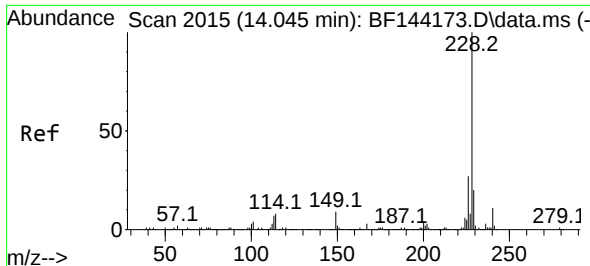
Tgt Ion:244 Resp: 590801
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 7.0 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 38.053 ng
 RT: 13.451 min Scan# 1914
 Delta R.T. -0.018 min
 Lab File: BF144290.D
 Acq: 20 Nov 2025 12:32

Tgt Ion:149 Resp: 142765
 Ion Ratio Lower Upper
 149 100
 91 69.5 56.1 84.1
 206 21.9 18.8 28.2

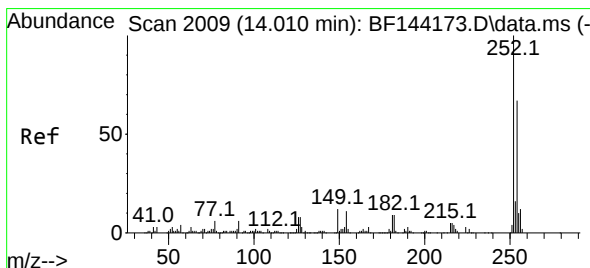
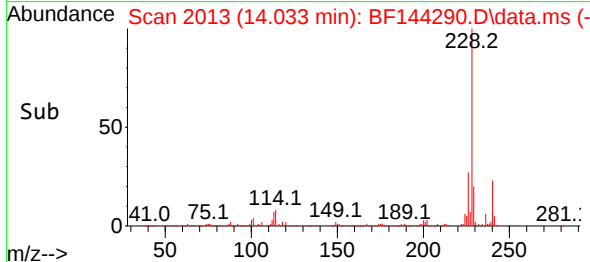
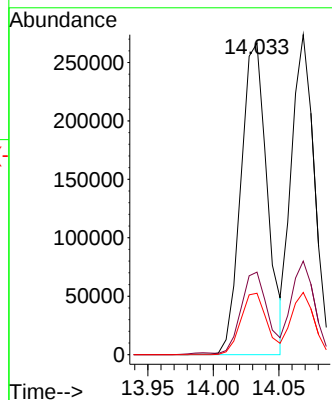
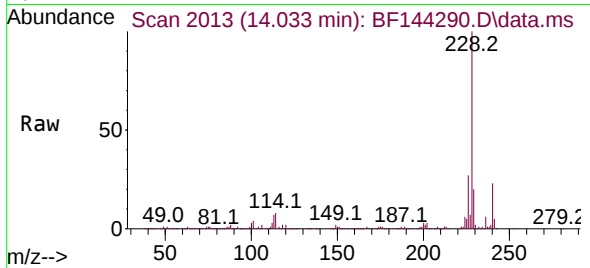




#81
Benzo(a)anthracene
Concen: 40.022 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

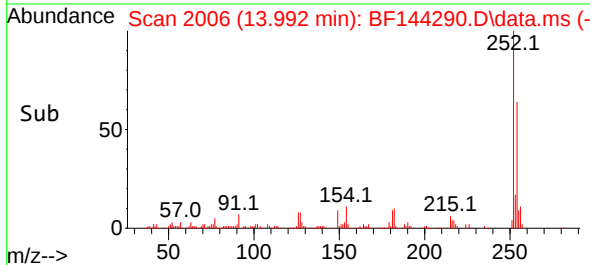
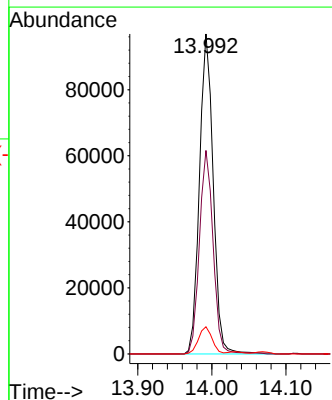
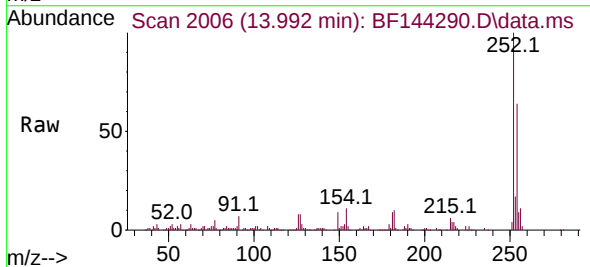
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

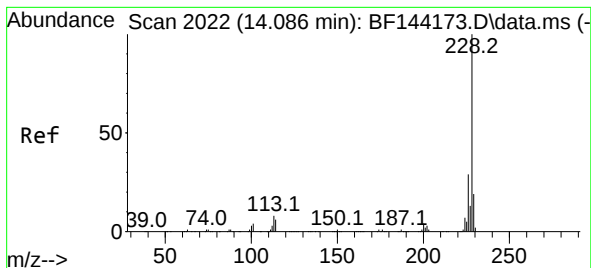
Tgt Ion:228 Resp: 372397
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.082 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144290.D
Acq: 20 Nov 2025 12:32

Tgt Ion:252 Resp: 124649
Ion Ratio Lower Upper
252 100
254 63.6 53.5 80.3
126 8.5 6.4 9.6





#83

Chrysene

Concen: 38.777 ng

RT: 14.069 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

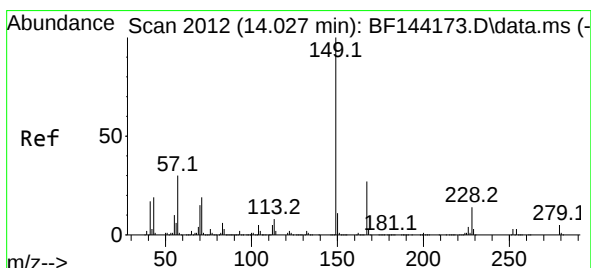
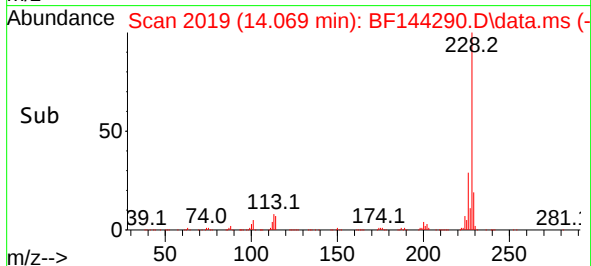
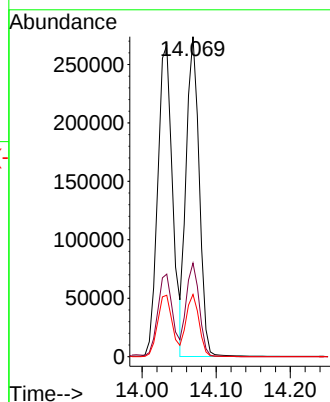
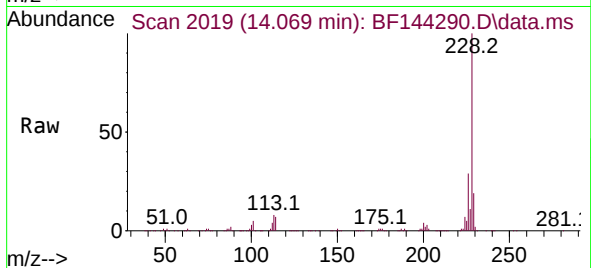
Tgt Ion:228 Resp: 333073

Ion Ratio Lower Upper

228 100

226 29.2 22.9 34.3

229 19.4 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.033 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

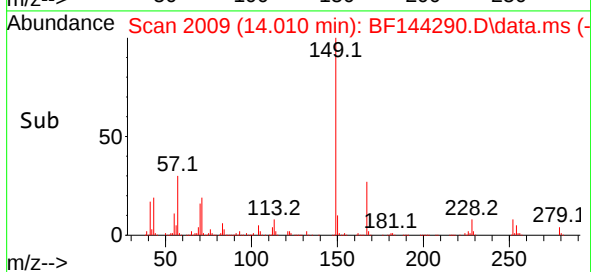
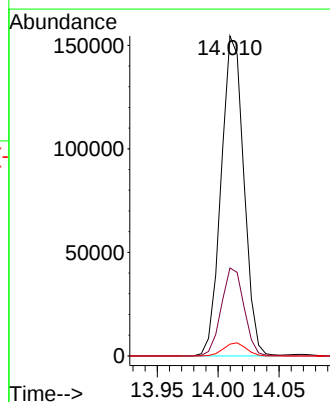
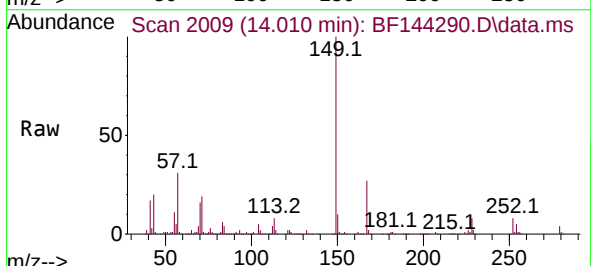
Tgt Ion:149 Resp: 200469

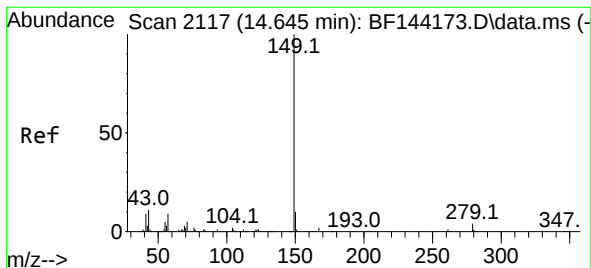
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 3.7 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 41.041 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

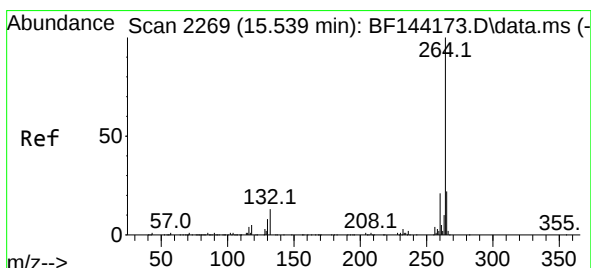
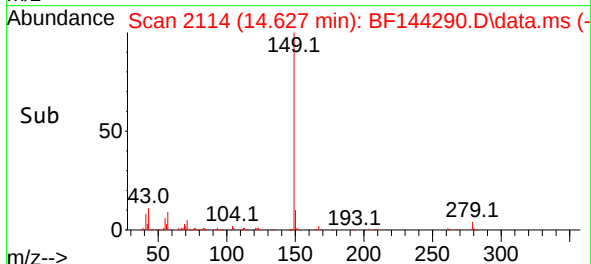
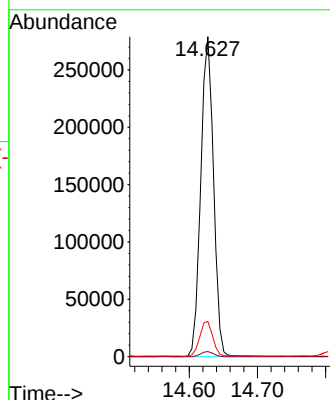
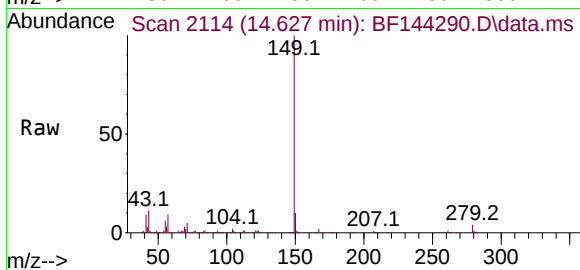
Tgt Ion:149 Resp: 363670

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 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: BF144290.D

Acq: 20 Nov 2025 12:32

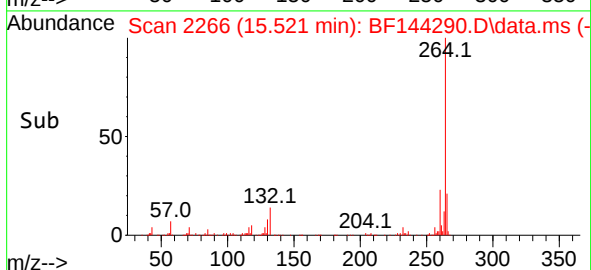
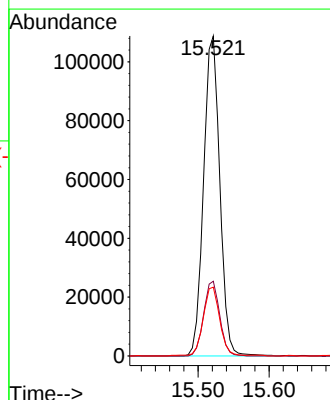
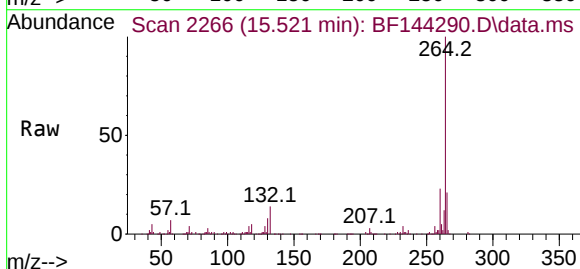
Tgt Ion:264 Resp: 171650

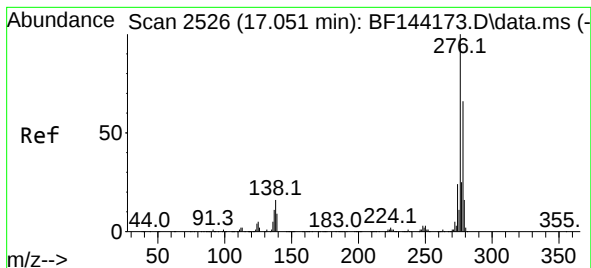
Ion Ratio Lower Upper

264 100

260 23.3 17.1 25.7

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.394 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

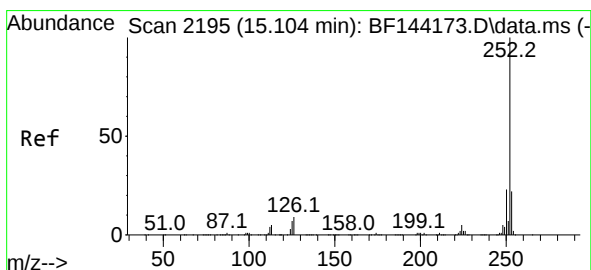
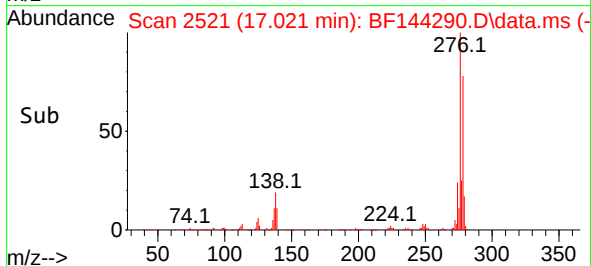
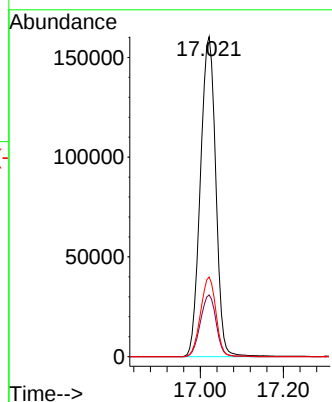
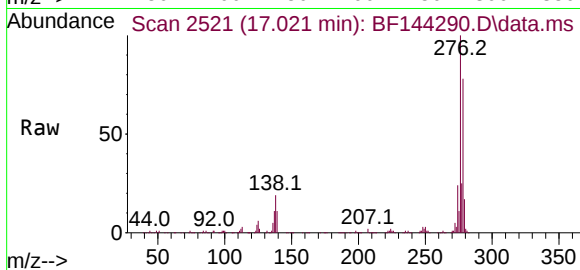
Tgt Ion:276 Resp: 411469

Ion Ratio Lower Upper

276 100

138 19.7 13.9 20.9

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 44.549 ng

RT: 15.086 min Scan# 2192

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

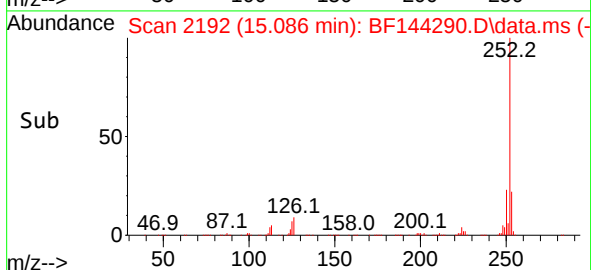
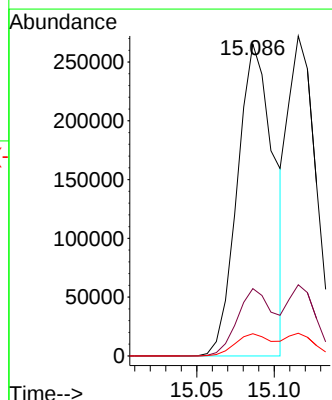
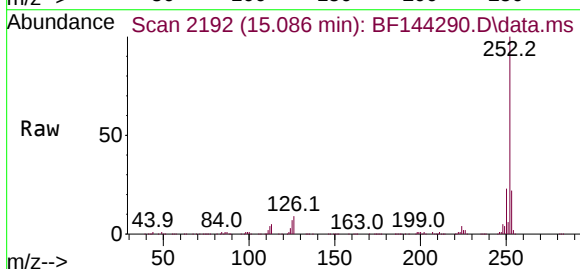
Tgt Ion:252 Resp: 434736

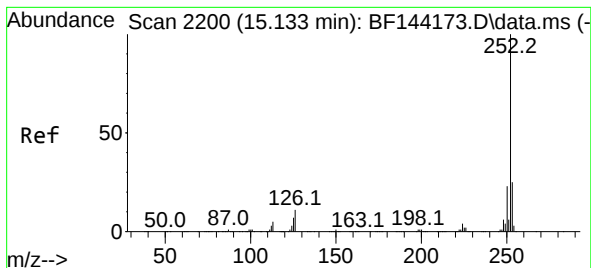
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 7.1 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 37.250 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

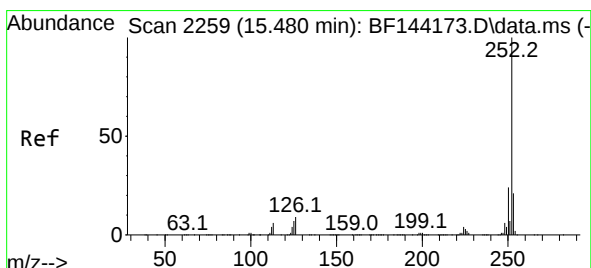
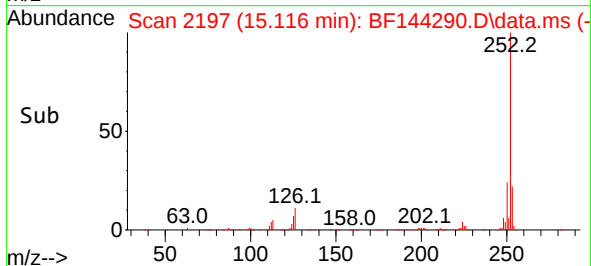
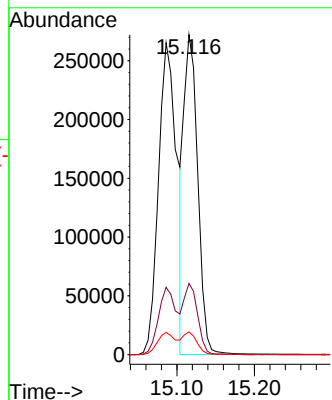
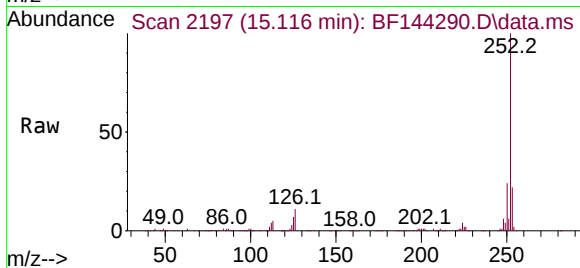
Tgt Ion:252 Resp: 340242

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 7.1 5.4 8.2



#90

Benzo(a)pyrene

Concen: 39.584 ng

RT: 15.457 min Scan# 2255

Delta R.T. -0.018 min

Lab File: BF144290.D

Acq: 20 Nov 2025 12:32

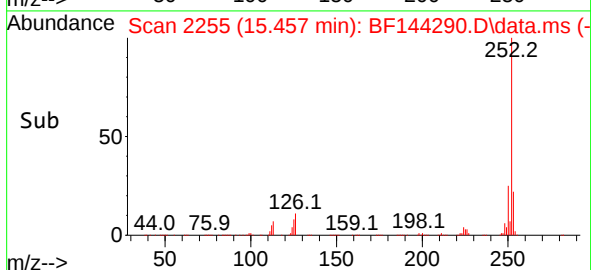
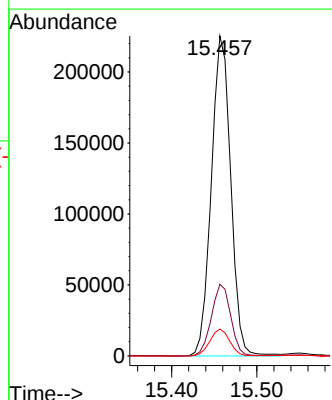
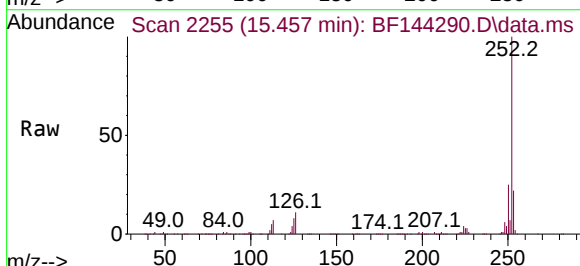
Tgt Ion:252 Resp: 356363

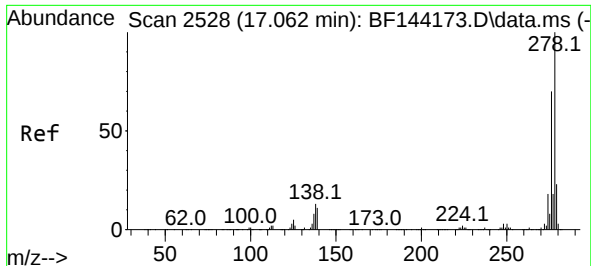
Ion Ratio Lower Upper

252 100

253 22.4 16.7 25.1

125 8.4 5.7 8.5

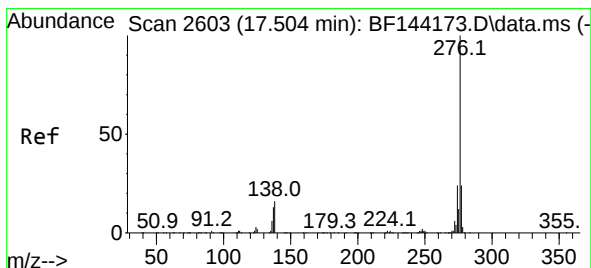
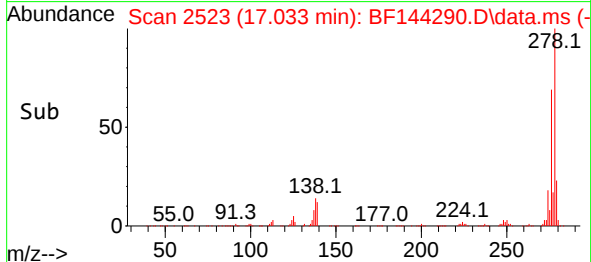
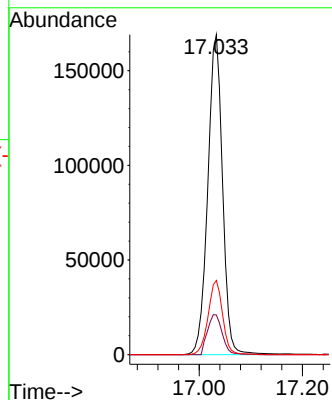
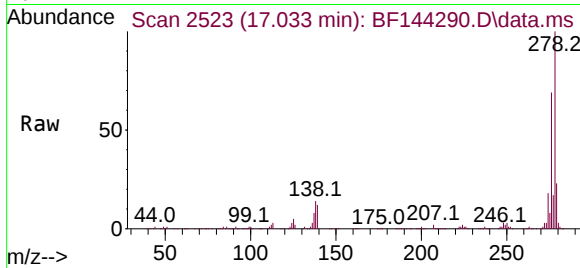




#91
 Dibenzo(a,h)anthracene
 Concen: 33.869 ng
 RT: 17.033 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF144290.D
 Acq: 20 Nov 2025 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 335158
 Ion Ratio Lower Upper
 278 100
 139 12.4 9.1 13.7
 279 23.2 18.2 27.4



#92
 Benzo(g,h,i)perylene
 Concen: 32.255 ng
 RT: 17.468 min Scan# 2597
 Delta R.T. -0.024 min
 Lab File: BF144290.D
 Acq: 20 Nov 2025 12:32

Tgt Ion:276 Resp: 315203
 Ion Ratio Lower Upper
 276 100
 277 22.5 19.0 28.4
 138 17.5 12.9 19.3

