

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141585.D
 Acq On : 12 Feb 2025 13:02
 Operator : RC/JU
 Sample : PB166679BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166679BSD

Quant Time: Feb 12 13:34:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	85089	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	336647	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	185718	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	309258	20.000	ng	0.00
76) Chrysene-d12	13.957	240	213441	20.000	ng	0.00
86) Perylene-d12	15.409	264	193096	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	746712	137.580	ng	0.01
7) Phenol-d6	6.434	99	925166	134.866	ng	0.00
23) Nitrobenzene-d5	7.351	82	612567	94.908	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	265670	142.403	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1176893	97.630	ng	0.00
79) Terphenyl-d14	12.898	244	1292682	102.242	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.569	88	89745	41.084	ng 99
3) Pyridine	3.304	79	211671	40.721	ng 97
4) n-Nitrosodimethylamine	3.245	42	143613	41.724	ng 97
6) Aniline	6.451	93	233856	36.342	ng 87
8) 2-Chlorophenol	6.575	128	262873	44.824	ng 99
9) Benzaldehyde	6.339	77	142671	39.138	ng 99
10) Phenol	6.445	94	308281	43.178	ng 99
11) bis(2-Chloroethyl)ether	6.528	93	237475	44.282	ng 99
12) 1,3-Dichlorobenzene	6.728	146	273242	44.133	ng 98
13) 1,4-Dichlorobenzene	6.804	146	278234	43.984	ng 99
14) 1,2-Dichlorobenzene	6.957	146	265518	45.225	ng 99
15) Benzyl Alcohol	6.933	79	228044	43.350	ng 97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	399998	43.572	ng 85
17) 2-Methylphenol	7.051	107	204395	44.536	ng 99
18) Hexachloroethane	7.298	117	104372	44.582	ng 98
19) n-Nitroso-di-n-propyla...	7.204	70	182817	44.553	ng 98
20) 3+4-Methylphenols	7.204	107	261145	44.774	ng 97
22) Acetophenone	7.198	105	398597	47.598	ng 97
24) Nitrobenzene	7.375	77	273957	43.528	ng 99
25) Isophorone	7.610	82	495260	48.124	ng 99
26) 2-Nitrophenol	7.686	139	140801	44.966	ng 96
27) 2,4-Dimethylphenol	7.728	122	208798	57.080	ng 99
28) bis(2-Chloroethoxy)met...	7.822	93	301579	45.732	ng 100
29) 2,4-Dichlorophenol	7.933	162	221437	44.803	ng 99
30) 1,2,4-Trichlorobenzene	8.010	180	238762	44.361	ng 98
31) Naphthalene	8.092	128	759613	43.348	ng 100
32) Benzoic acid	7.863	122	162598	42.793	ng 98
33) 4-Chloroaniline	8.145	127	117097	19.139	ng 98
34) Hexachlorobutadiene	8.204	225	146424	45.317	ng 99
35) Caprolactam	8.551	113	26880	17.862	ng 94
36) 4-Chloro-3-methylphenol	8.633	107	240857	43.993	ng 100
37) 2-Methylnaphthalene	8.780	142	485319	42.560	ng 98
38) 1-Methylnaphthalene	8.880	142	471534	42.694	ng 98
40) 1,2,4,5-Tetrachloroben...	8.951	216	262549	48.864	ng 98
41) Hexachlorocyclopentadiene	8.933	237	273543	153.064	ng 99
43) 2,4,6-Trichlorophenol	9.063	196	152647	43.957	ng 97

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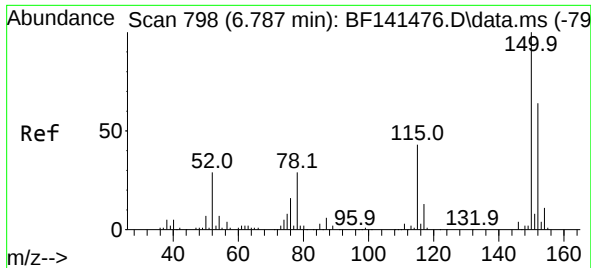
Quant Time: Feb 12 13:34:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	164065	43.593	ng	97
46) 1,1'-Biphenyl	9.245	154	704206	48.909	ng	99
47) 2-Chloronaphthalene	9.275	162	480939	45.171	ng	99
48) 2-Nitroaniline	9.369	65	161851	45.296	ng	99
49) Acenaphthylene	9.686	152	743491	46.948	ng	99
50) Dimethylphthalate	9.551	163	573028	45.450	ng	100
51) 2,6-Dinitrotoluene	9.616	165	124523	45.180	ng	96
52) Acenaphthene	9.857	154	462859	43.475	ng	98
53) 3-Nitroaniline	9.780	138	70649	23.816	ng	99
54) 2,4-Dinitrophenol	9.898	184	146895	89.676	ng	92
55) Dibenzofuran	10.033	168	669409	42.836	ng	99
56) 4-Nitrophenol	9.963	139	188969	85.813	ng	96
57) 2,4-Dinitrotoluene	10.022	165	169900	46.305	ng	99
58) Fluorene	10.374	166	534505	44.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	140112	43.242	ng	99
60) Diethylphthalate	10.251	149	552784	44.562	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	263103	45.261	ng	99
62) 4-Nitroaniline	10.398	138	130344	43.272	ng	98
63) Azobenzene	10.527	77	534664	43.356	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	97769	45.511	ng	97
66) n-Nitrosodiphenylamine	10.486	169	471623	47.640	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	165401	47.854	ng	100
68) Hexachlorobenzene	10.921	284	170327	47.857	ng	99
69) Atrazine	11.016	200	179813	60.545	ng	98
70) Pentachlorophenol	11.121	266	193527	85.038	ng	99
71) Phenanthrene	11.333	178	795536	46.732	ng	100
72) Anthracene	11.386	178	809237	47.289	ng	100
73) Carbazole	11.545	167	700951	45.523	ng	99
74) Di-n-butylphthalate	11.874	149	835497	46.993	ng	100
75) Fluoranthene	12.521	202	795900	44.099	ng	99
77) Benzidine	12.645	184	268595	57.059	ng	100
78) Pyrene	12.751	202	819424	45.099	ng	100
80) Butylbenzylphthalate	13.368	149	304574	48.396	ng	99
81) Benzo(a)anthracene	13.945	228	660315	46.540	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	126123	31.032	ng	99
83) Chrysene	13.980	228	594393	45.371	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	383886	54.084	ng	99
85) Di-n-octyl phthalate	14.557	149	610483	60.289	ng	98
87) Indeno(1,2,3-cd)pyrene	16.862	276	621659	52.104	ng	99
88) Benzo(b)fluoranthene	14.992	252	604961	46.659	ng	99
89) Benzo(k)fluoranthene	15.021	252	484145	43.730	ng	99
90) Benzo(a)pyrene	15.351	252	516397	49.222	ng	98
91) Dibenzo(a,h)anthracene	16.874	278	500233	51.743	ng	99
92) Benzo(g,h,i)perylene	17.292	276	481741	47.618	ng	100

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

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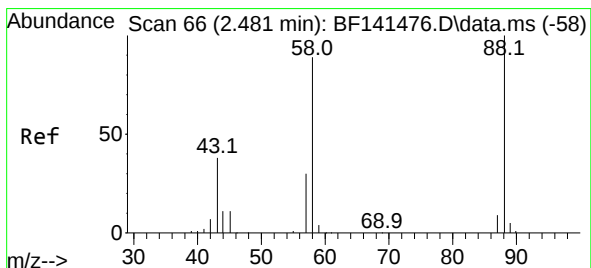
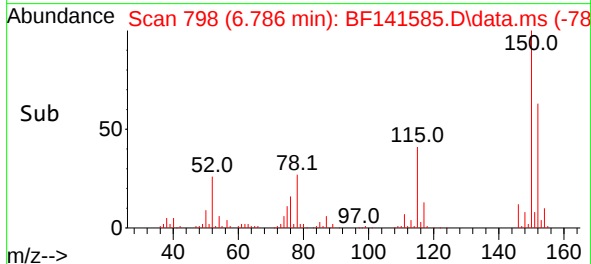
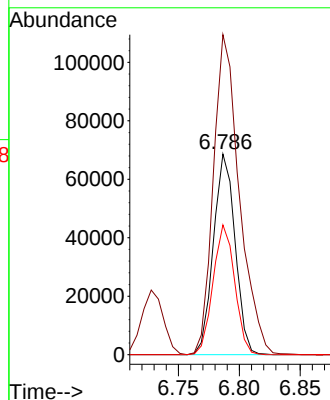
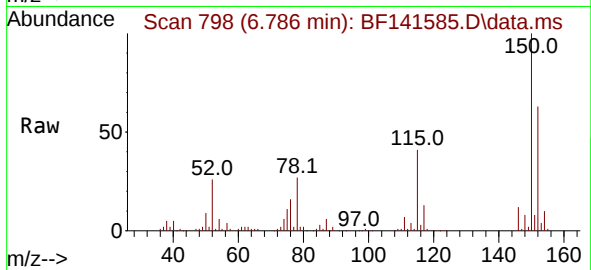




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

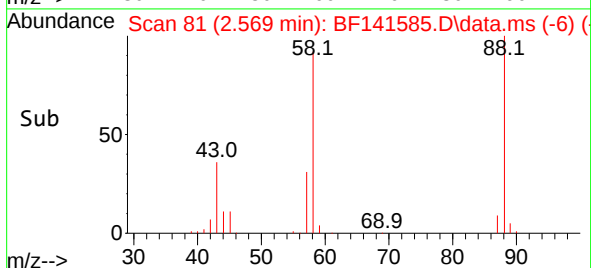
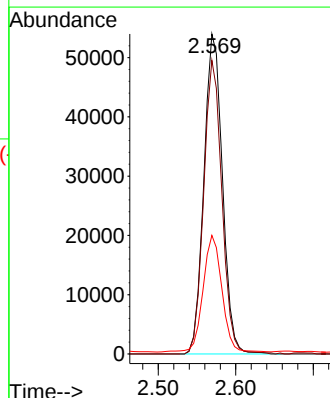
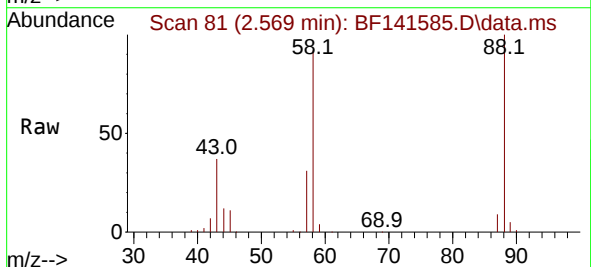
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

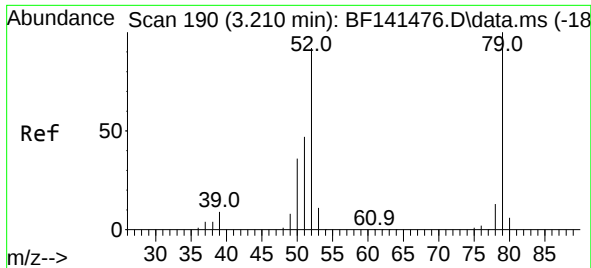
Tgt Ion:152 Resp: 85089
Ion Ratio Lower Upper
152 100
150 159.5 125.0 187.4
115 64.7 53.6 80.4



#2
1,4-Dioxane
Concen: 41.084 ng
RT: 2.569 min Scan# 81
Delta R.T. 0.088 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion: 88 Resp: 89745
Ion Ratio Lower Upper
88 100
58 90.0 71.1 106.7
43 37.0 30.6 46.0





#3

Pyridine

Concen: 40.721 ng

RT: 3.304 min Scan# 206

Delta R.T. 0.088 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

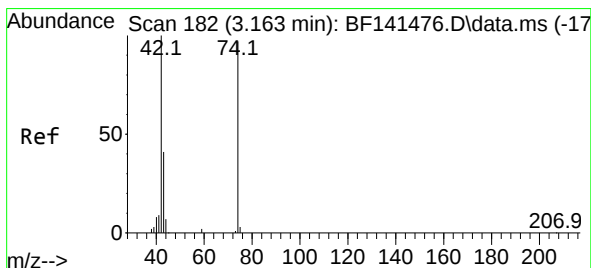
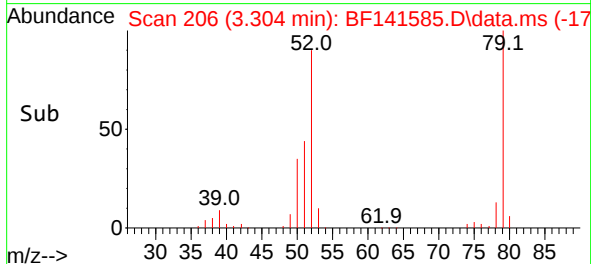
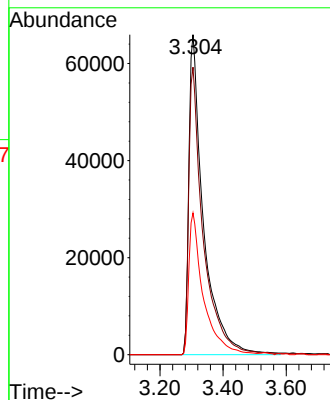
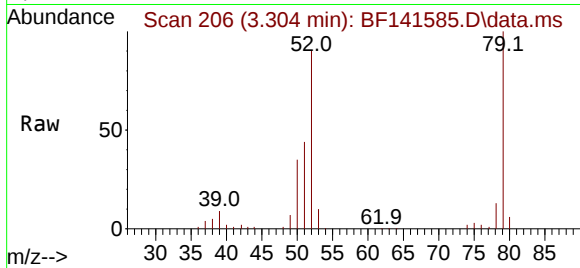
Tgt Ion: 79 Resp: 211671

Ion Ratio Lower Upper

79 100

52 89.9 73.7 110.5

51 44.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.724 ng

RT: 3.245 min Scan# 196

Delta R.T. 0.059 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

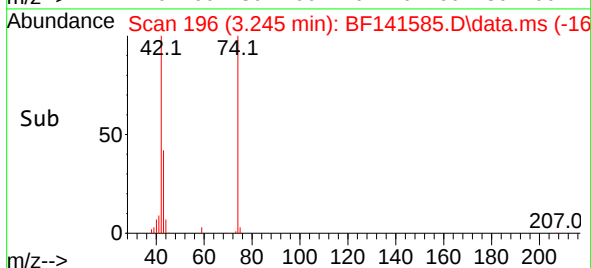
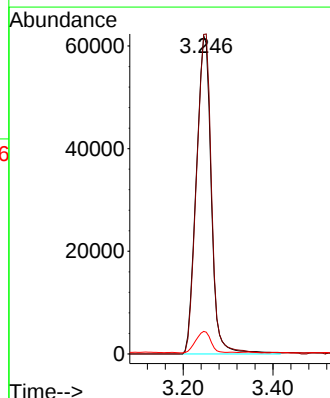
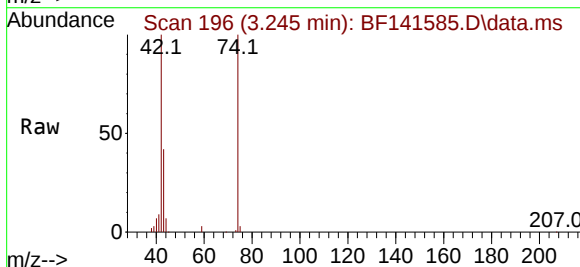
Tgt Ion: 42 Resp: 143613

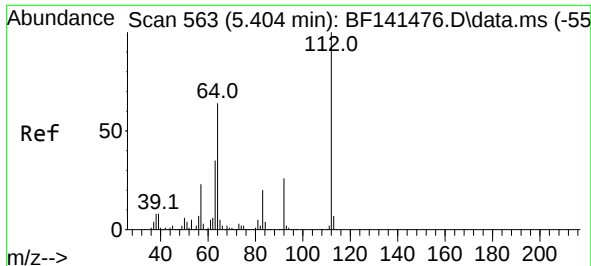
Ion Ratio Lower Upper

42 100

74 100.5 78.0 117.0

44 7.1 5.4 8.2

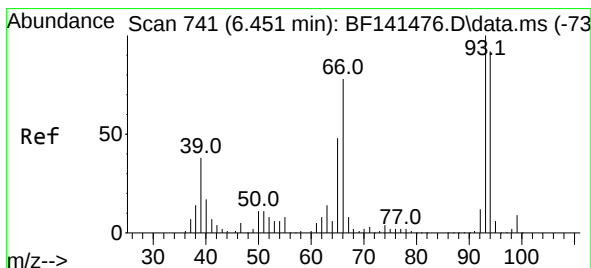
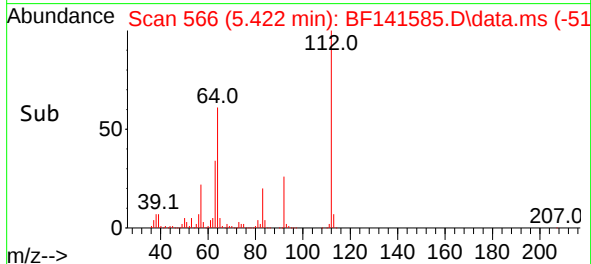
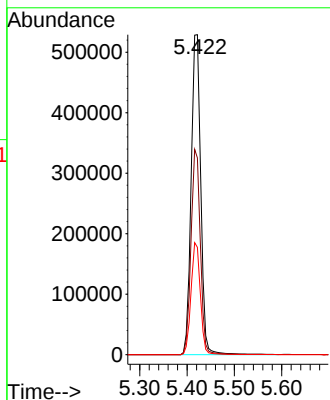
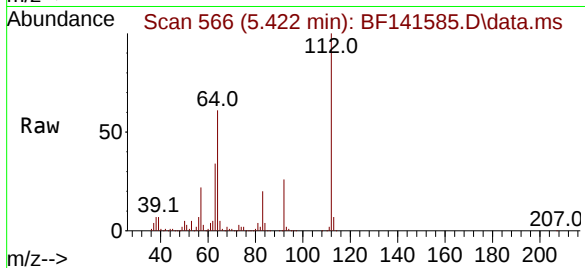




#5
2-Fluorophenol
Concen: 137.580 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

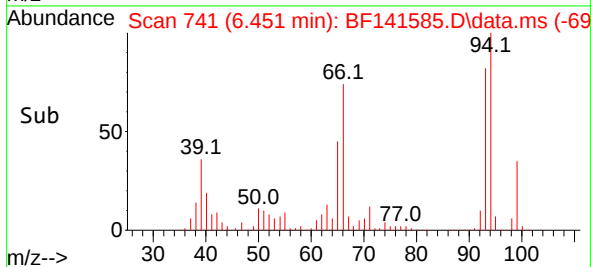
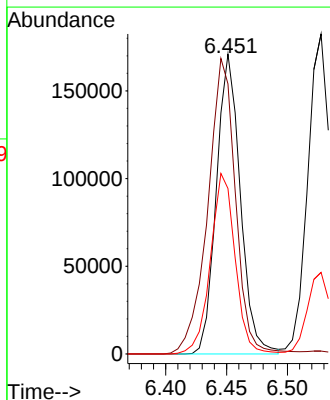
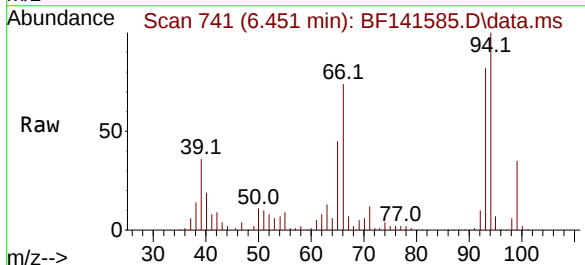
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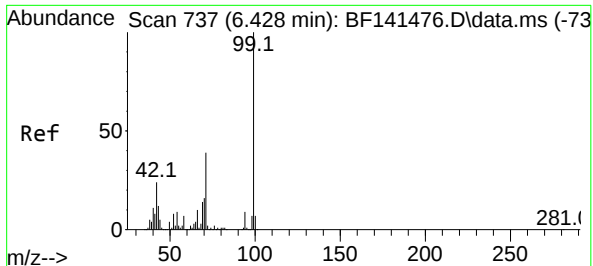
Tgt Ion:112 Resp: 746712
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 33.5 28.4 42.6



#6
Aniline
Concen: 36.342 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion: 93 Resp: 233856
Ion Ratio Lower Upper
93 100
66 90.1 62.6 94.0
65 55.2 38.3 57.5

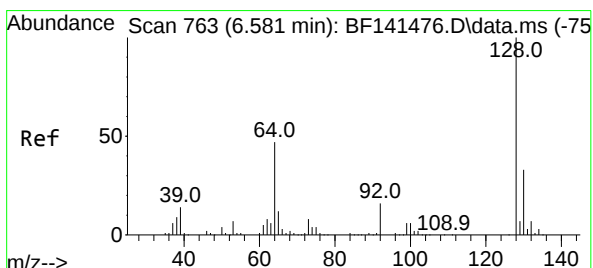
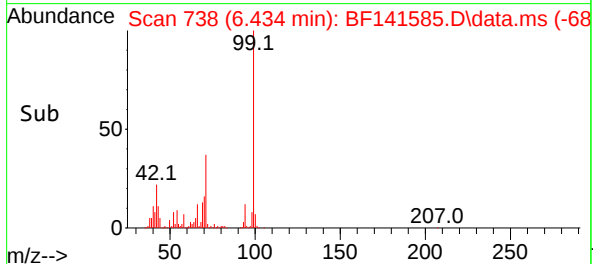
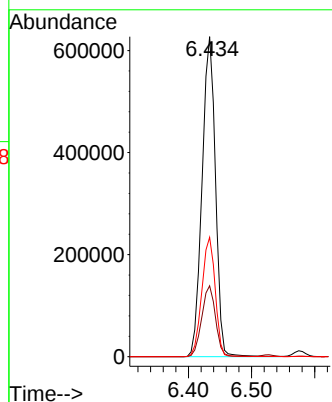
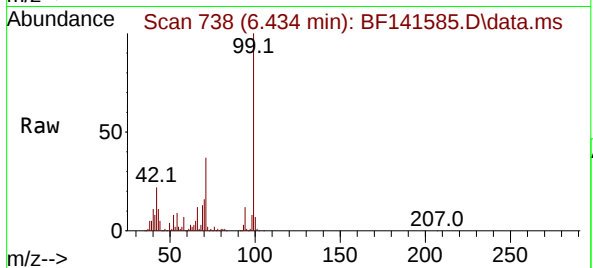




#7
Phenol-d6
Concen: 134.866 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

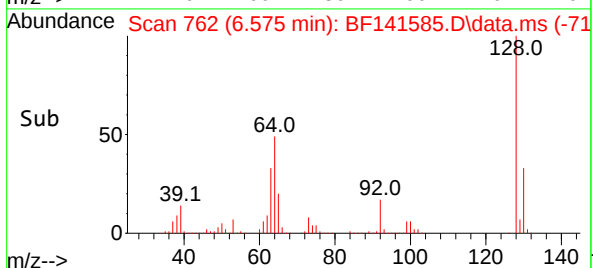
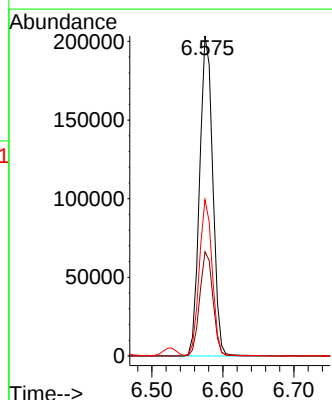
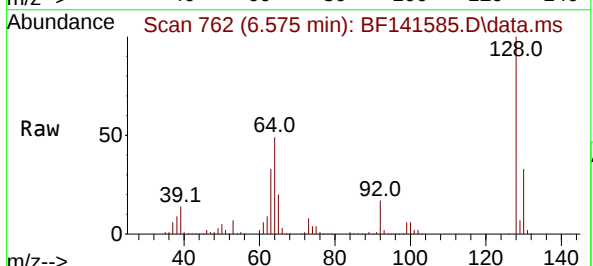
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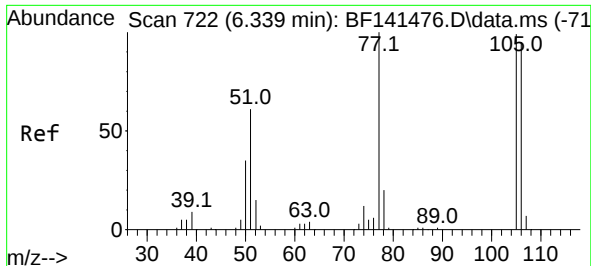
Tgt Ion: 99 Resp: 925166
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 37.3 31.1 46.7



#8
2-Chlorophenol
Concen: 44.824 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:128 Resp: 262873
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 48.8 28.3 68.3





#9
Benzaldehyde

Concen: 39.138 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

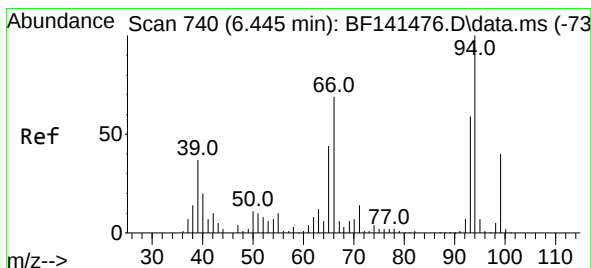
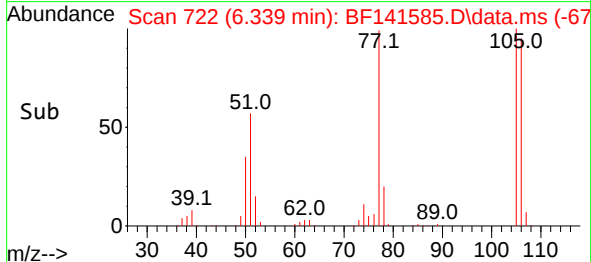
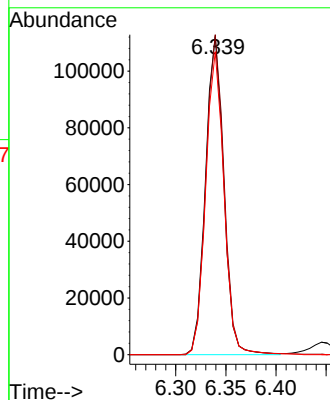
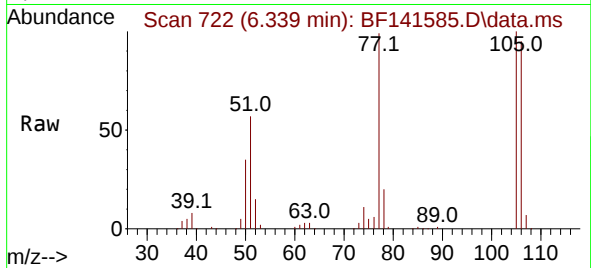
Tgt Ion: 77 Resp: 142671

Ion Ratio Lower Upper

77 100

105 100.6 79.4 119.4

106 95.3 75.1 115.1



#10

Phenol

Concen: 43.178 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

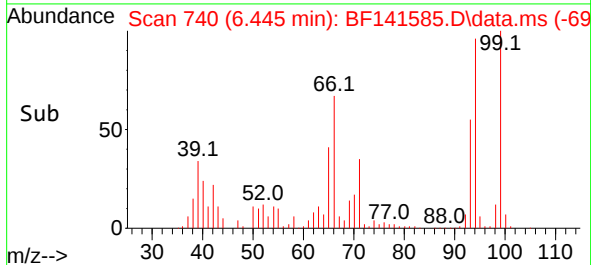
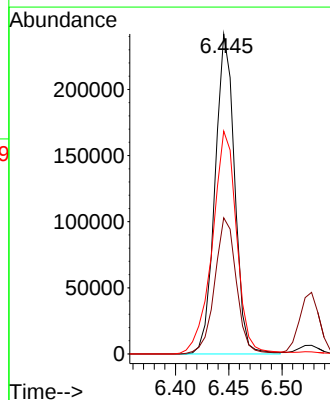
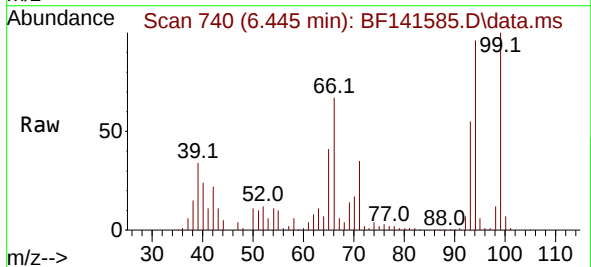
Tgt Ion: 94 Resp: 308281

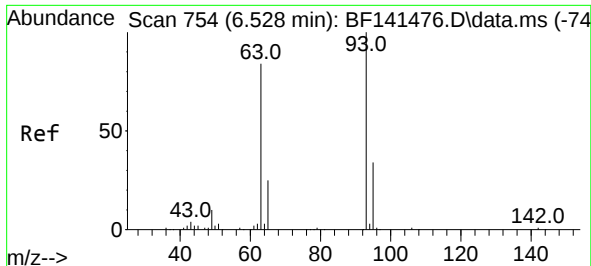
Ion Ratio Lower Upper

94 100

65 42.5 23.7 63.7

66 69.7 49.3 89.3

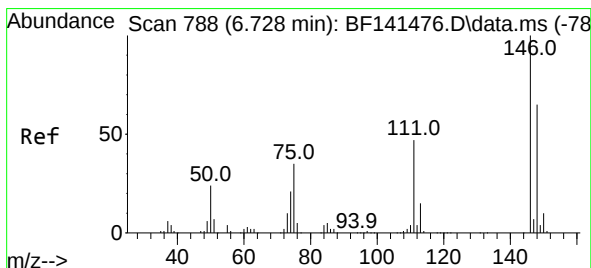
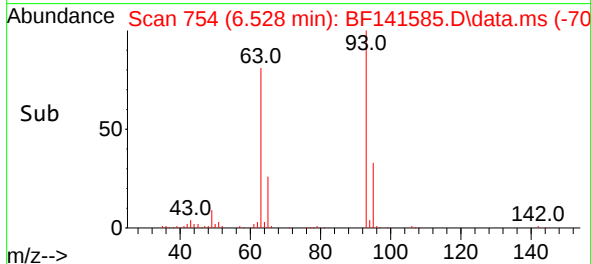
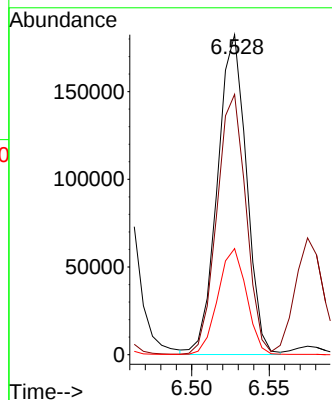
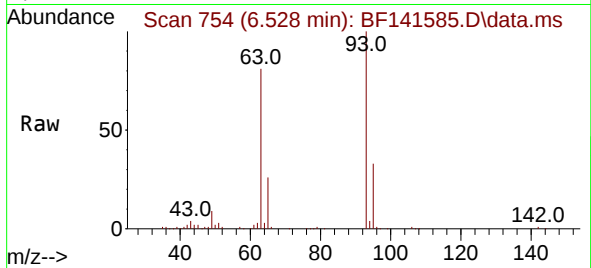




#11
bis(2-Chloroethyl)ether
Concen: 44.282 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

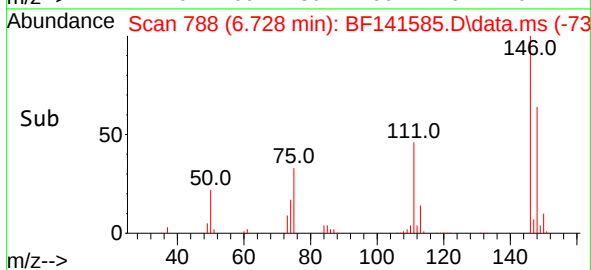
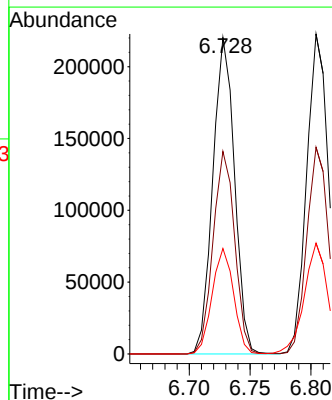
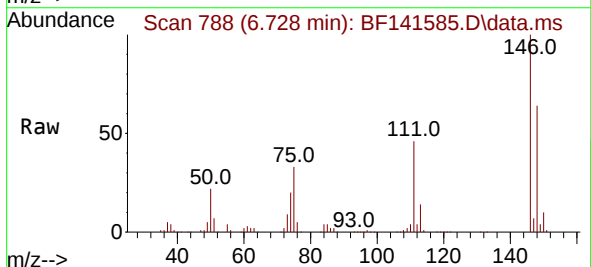
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

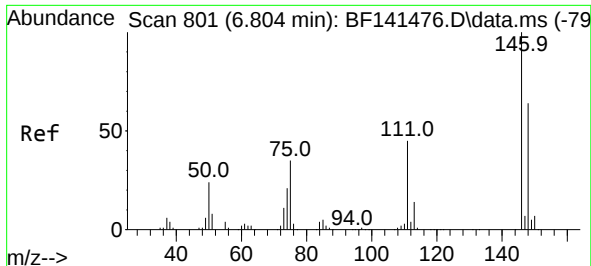
Tgt Ion: 93 Resp: 237475
Ion Ratio Lower Upper
93 100
63 81.4 62.0 102.0
95 33.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.133 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:146 Resp: 273242
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 33.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.984 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

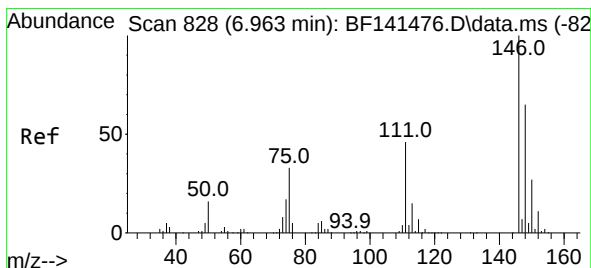
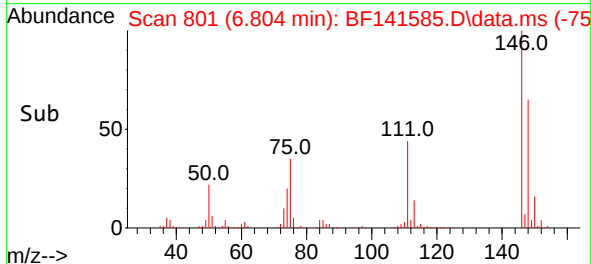
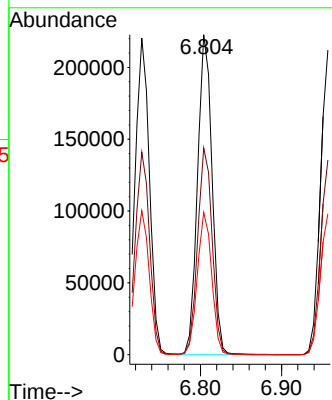
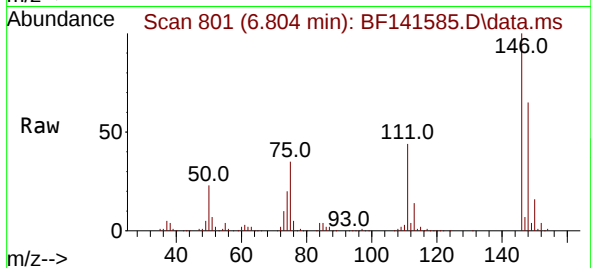
Tgt Ion:146 Resp: 278234

Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

111 44.4 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 45.225 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

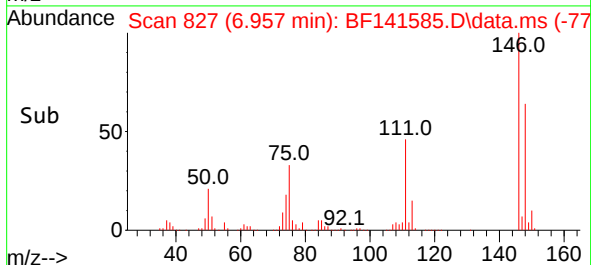
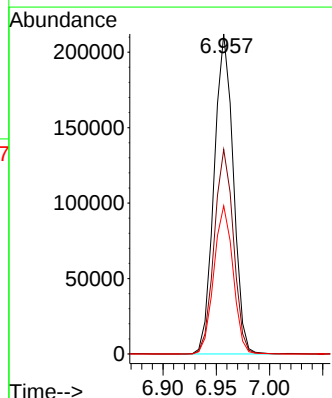
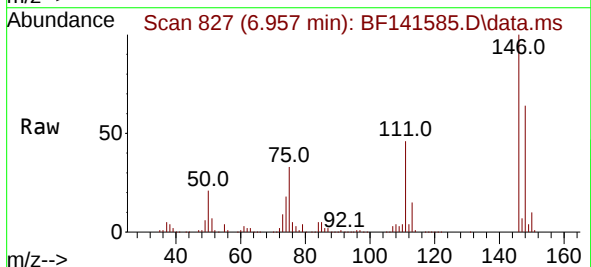
Tgt Ion:146 Resp: 265518

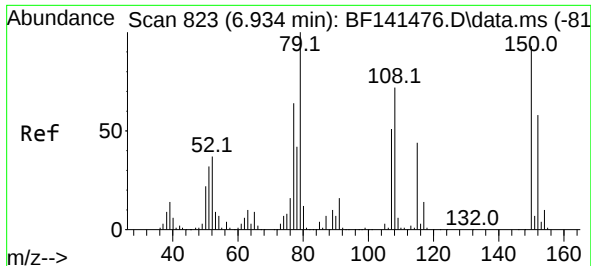
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

111 46.3 37.0 55.4

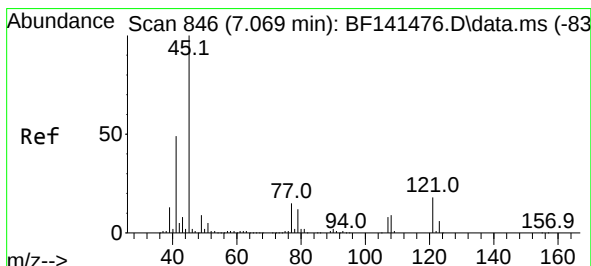
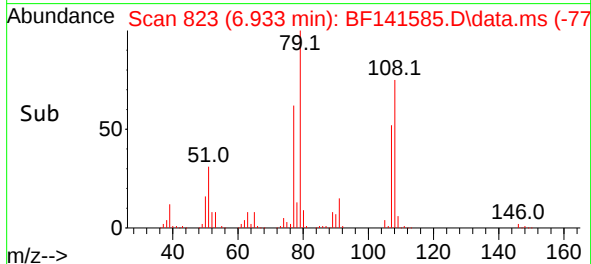
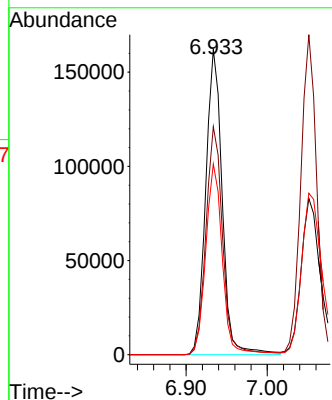
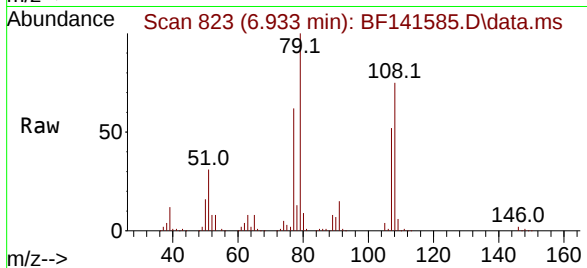




#15
Benzyl Alcohol
Concen: 43.350 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

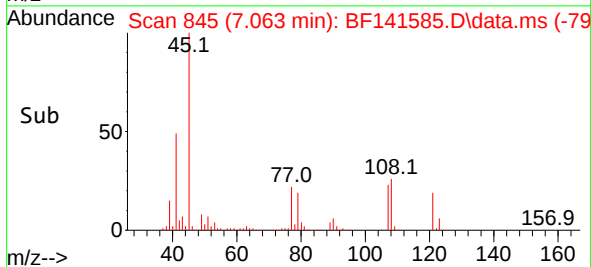
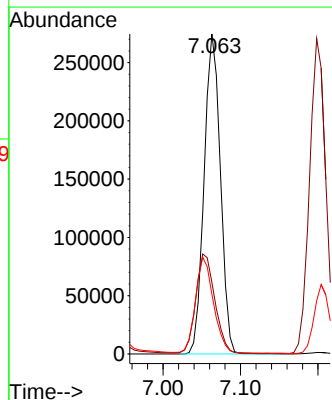
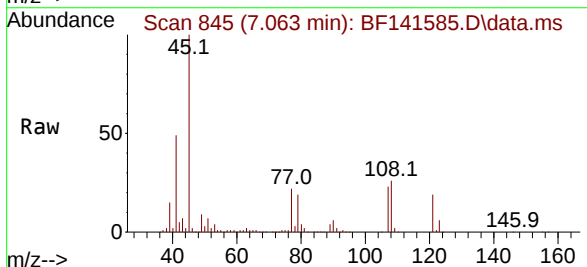
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

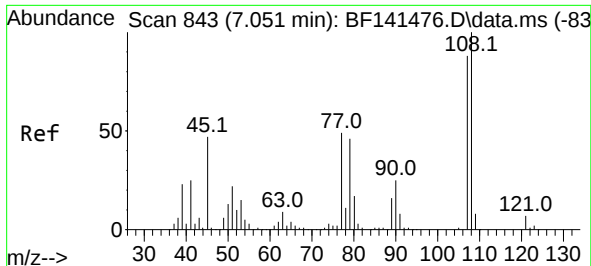
Tgt Ion: 79 Resp: 228044
Ion Ratio Lower Upper
79 100
108 74.7 57.4 86.2
77 62.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.572 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion: 45 Resp: 399998
Ion Ratio Lower Upper
45 100
77 22.4 0.0 35.8
79 18.7 0.0 32.7

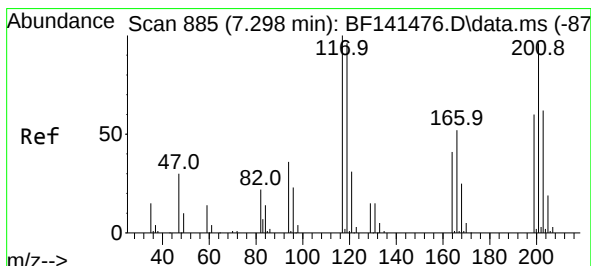
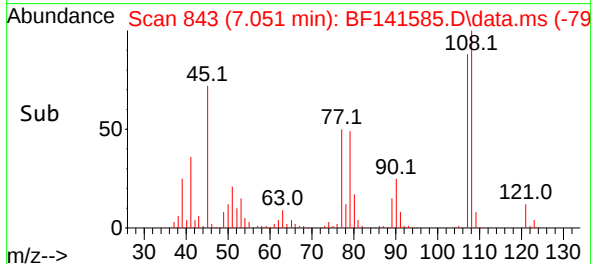
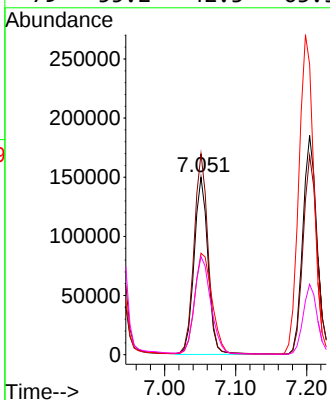
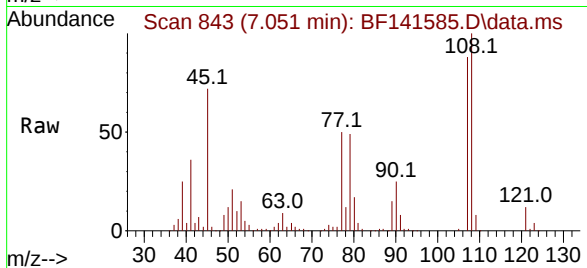




#17
2-Methylphenol
Concen: 44.536 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

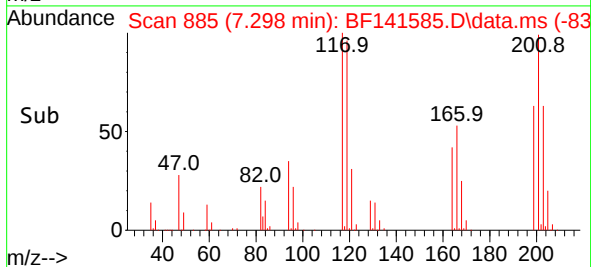
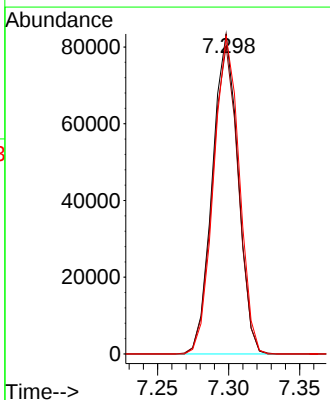
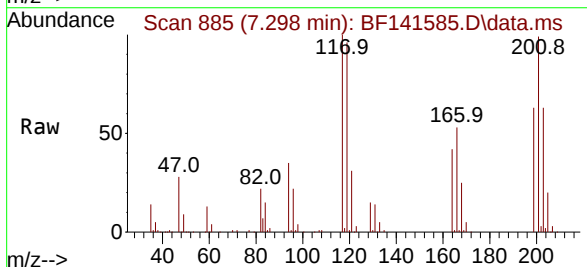
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

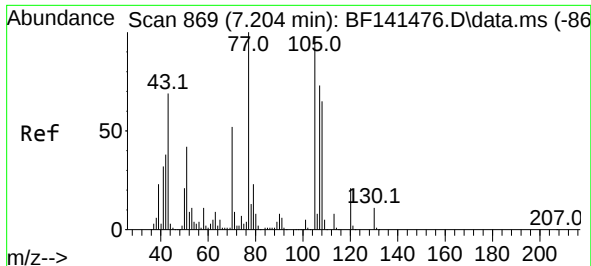
Tgt Ion:	107	Resp:	204395
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.6	136.0
77	57.1	44.4	66.6
79	55.2	42.3	63.5



#18
Hexachloroethane
Concen: 44.582 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:	117	Resp:	104372
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.5	114.7
201	99.4	76.7	115.1



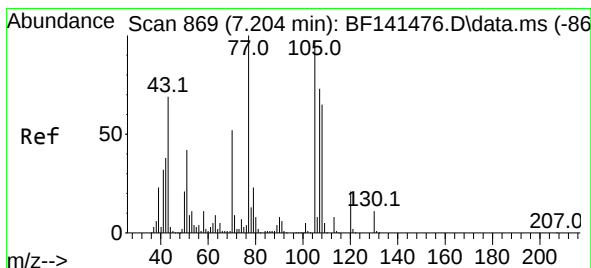
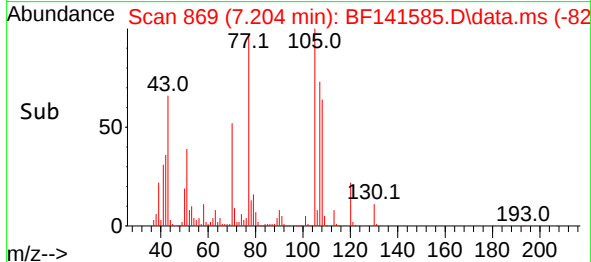
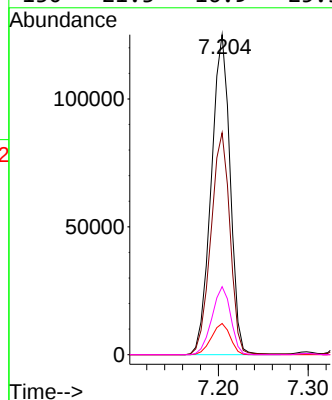
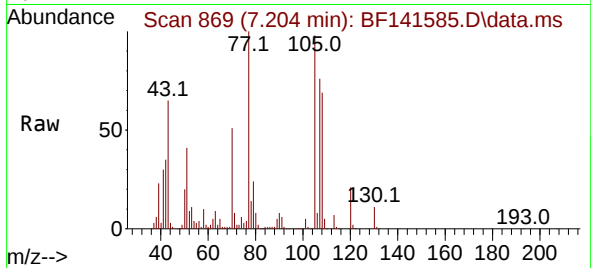


#19
n-Nitroso-di-n-propylamine
Concen: 44.553 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Instrument :
BNA_F
ClientSampleId :
PB166679BSD

Tgt Ion: 70 Resp: 182817

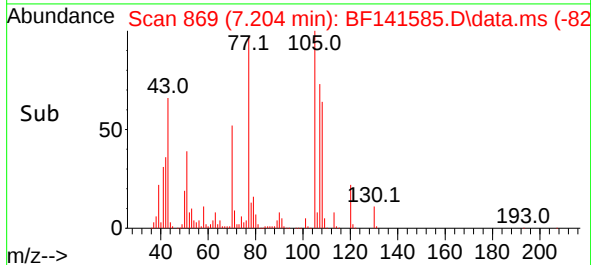
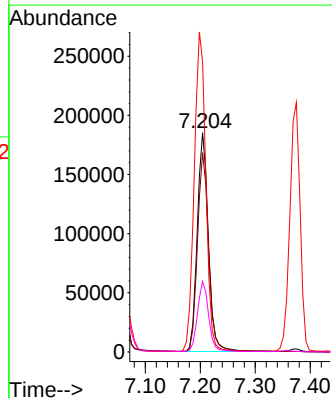
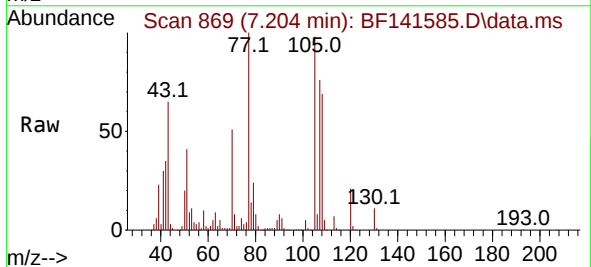
Ion	Ratio	Lower	Upper
70	100		
42	69.4	57.4	86.2
101	9.7	8.0	12.0
130	21.3	16.9	25.3

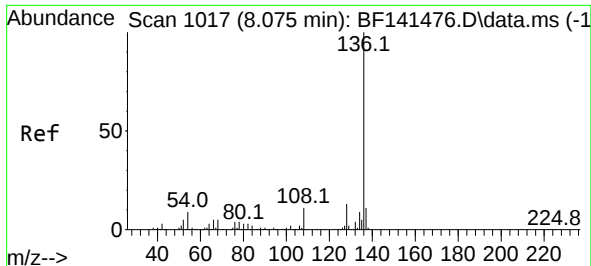


#20
3+4-Methylphenols
Concen: 44.774 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion: 107 Resp: 261145

Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.5	108.5
77	132.3	116.5	156.5
79	32.1	12.0	52.0

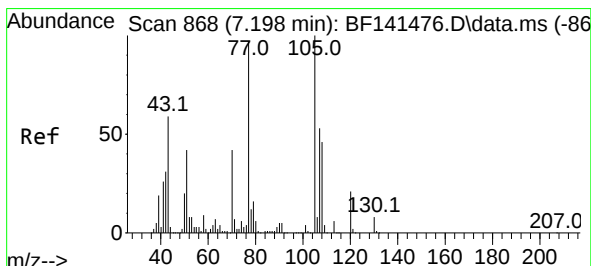
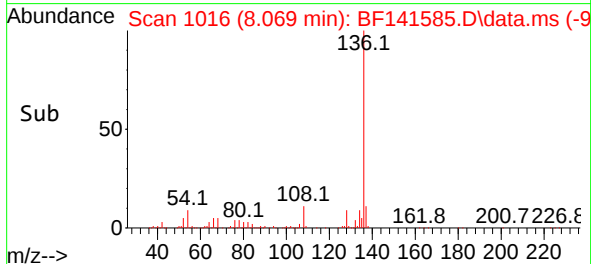
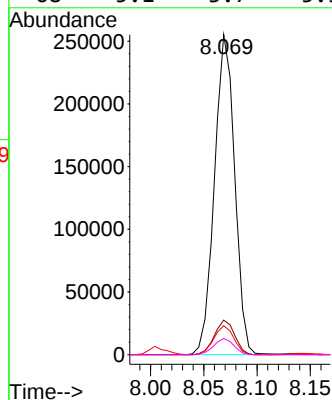
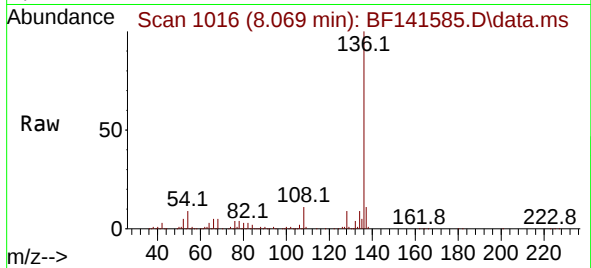




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

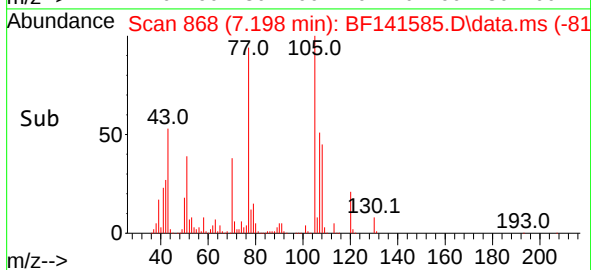
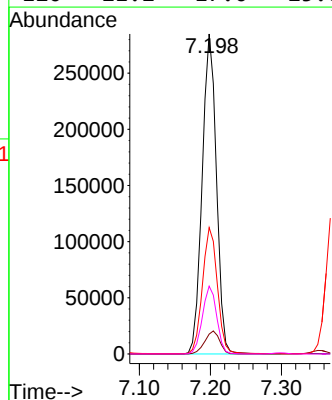
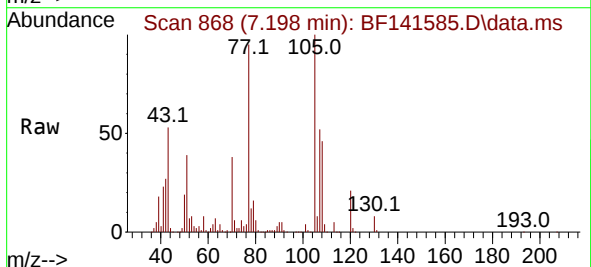
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

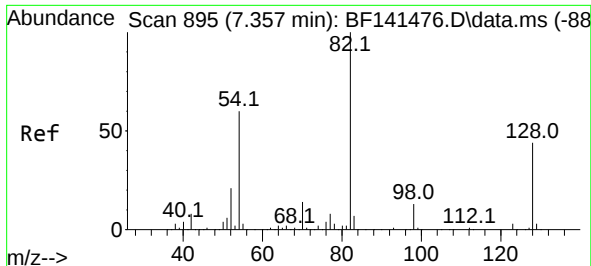
Tgt Ion:136 Resp: 336647
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 7.2 10.8
68 5.1 3.7 5.5



#22
Acetophenone
Concen: 47.598 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:105 Resp: 398597
Ion Ratio Lower Upper
105 100
71 6.2 5.7 8.5
51 39.5 33.7 50.5
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 94.908 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

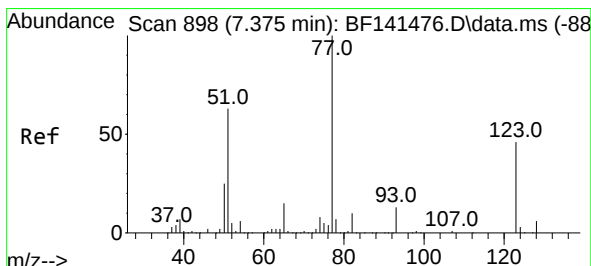
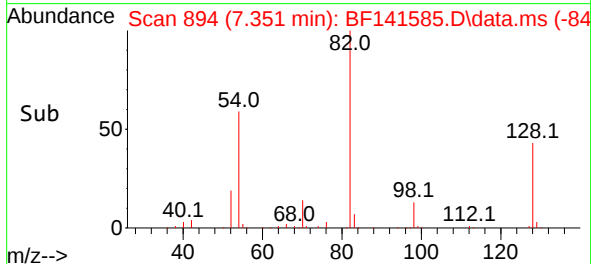
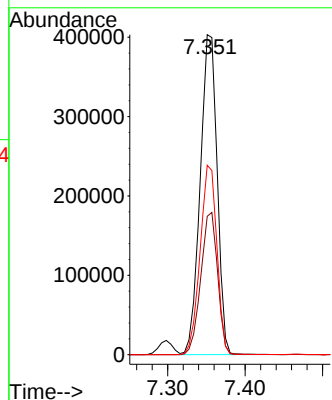
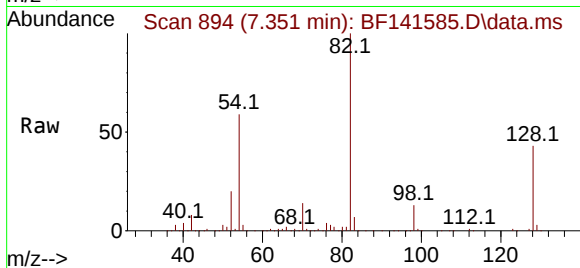
Tgt Ion: 82 Resp: 612567

Ion Ratio Lower Upper

82 100

128 43.2 34.8 52.2

54 59.2 48.2 72.4



#24

Nitrobenzene

Concen: 43.528 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

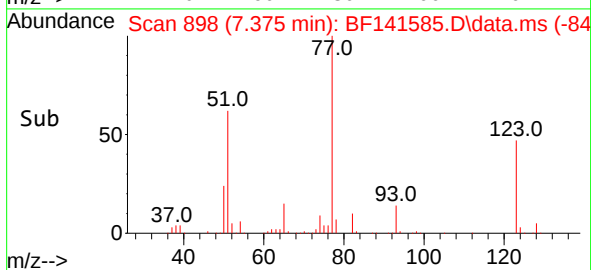
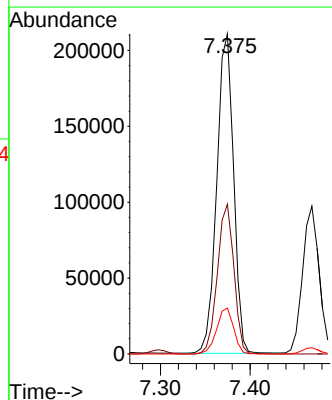
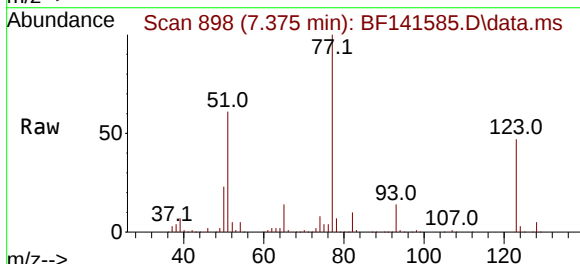
Tgt Ion: 77 Resp: 273957

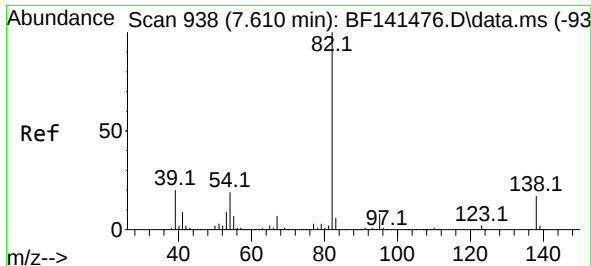
Ion Ratio Lower Upper

77 100

123 46.8 36.9 55.3

65 14.4 11.9 17.9

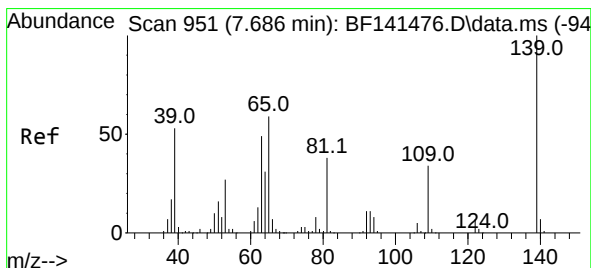
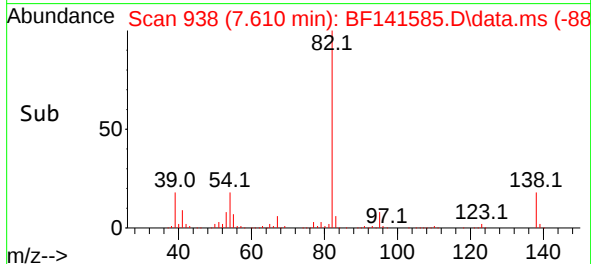
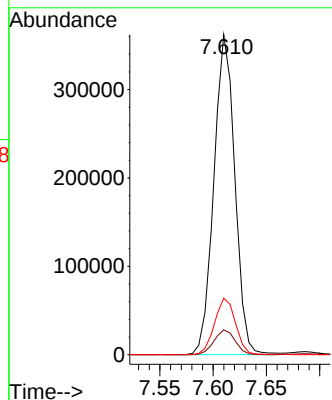
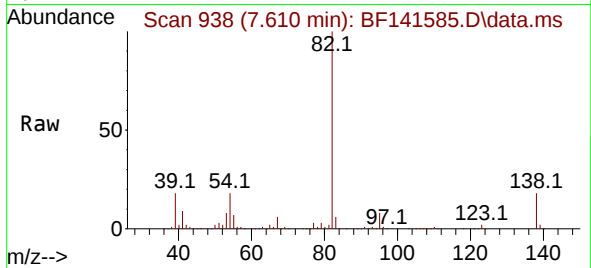




#25
Isophorone
Concen: 48.124 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

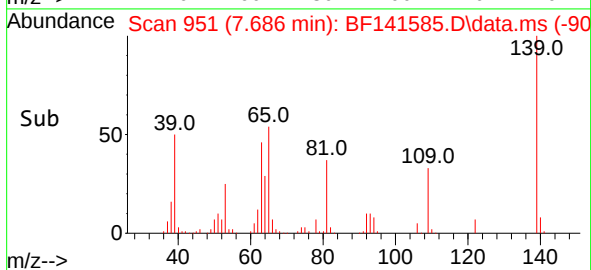
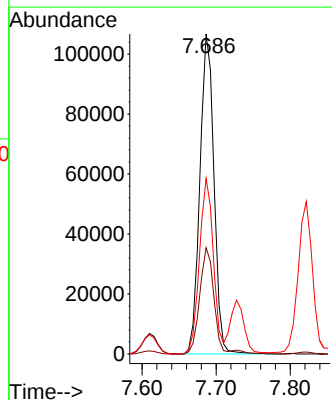
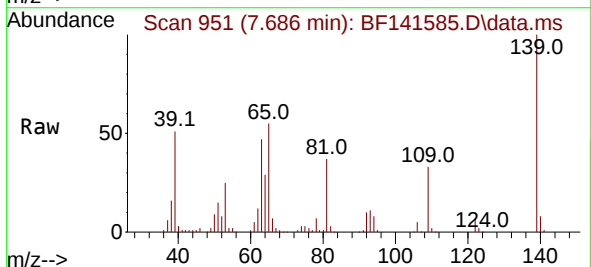
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

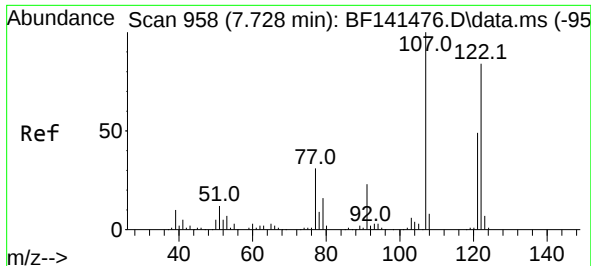
Tgt Ion: 82 Resp: 495260
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.6 13.9 20.9



#26
2-Nitrophenol
Concen: 44.966 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion: 139 Resp: 140801
Ion Ratio Lower Upper
139 100
109 33.2 27.0 40.6
65 54.9 47.1 70.7

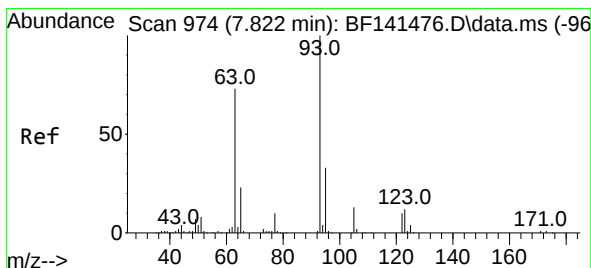
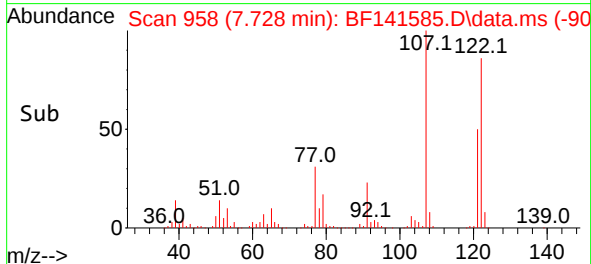
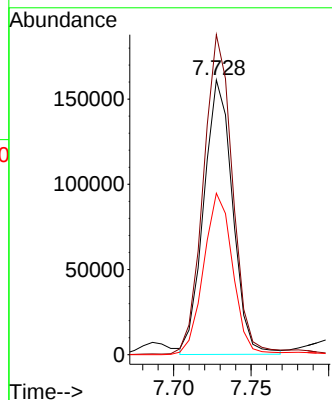
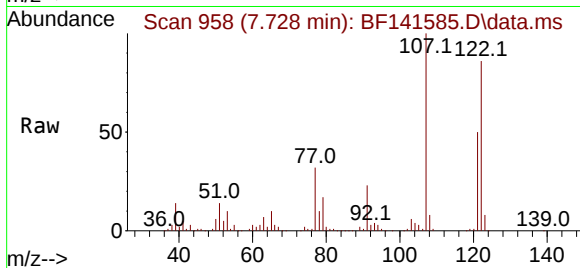




#27
2,4-Dimethylphenol
Concen: 57.080 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

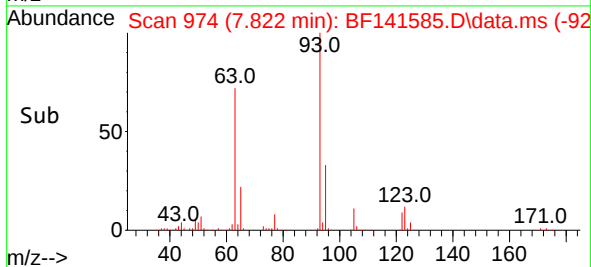
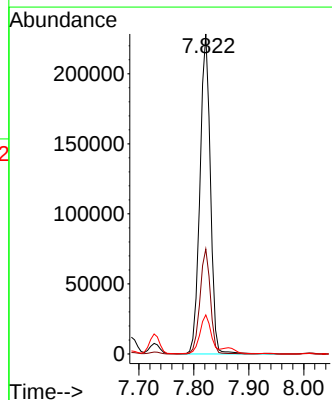
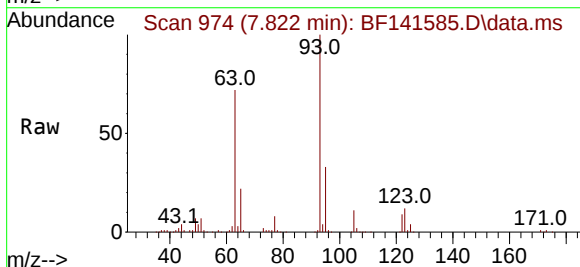
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

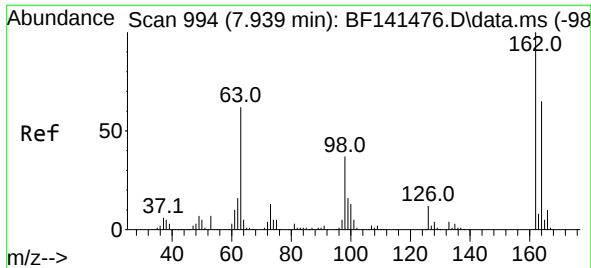
Tgt Ion:122 Resp: 208798
Ion Ratio Lower Upper
122 100
107 116.5 94.3 141.5
121 58.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.732 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion: 93 Resp: 301579
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 12.2 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.803 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

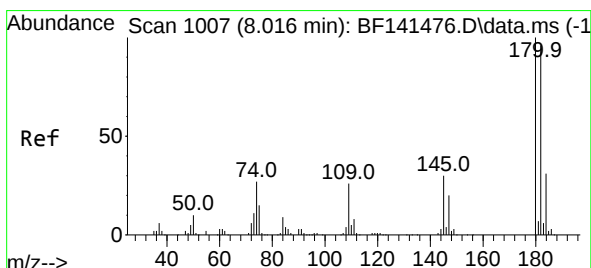
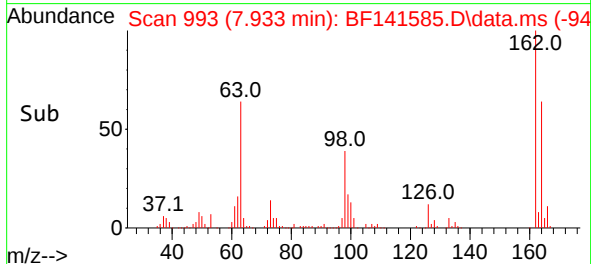
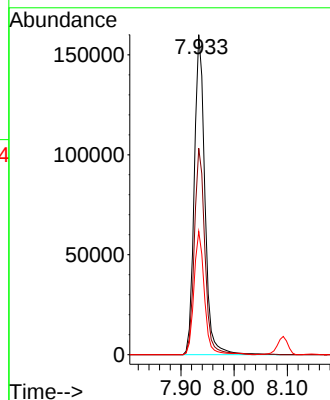
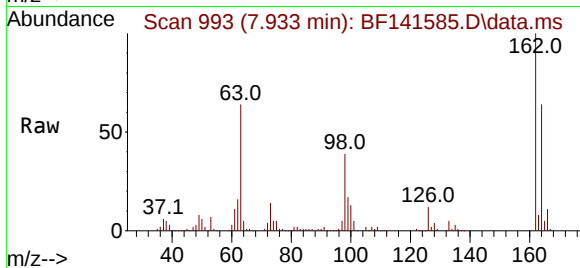
Tgt Ion:162 Resp: 221437

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

98 38.5 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 44.361 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

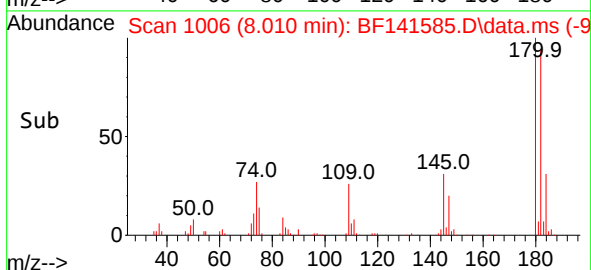
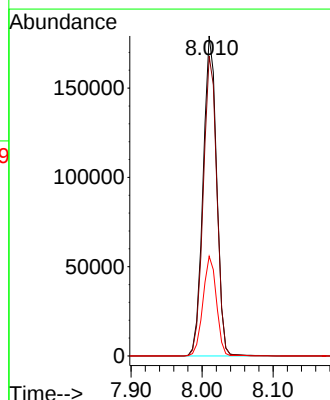
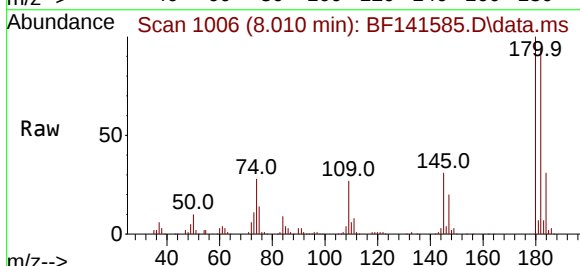
Tgt Ion:180 Resp: 238762

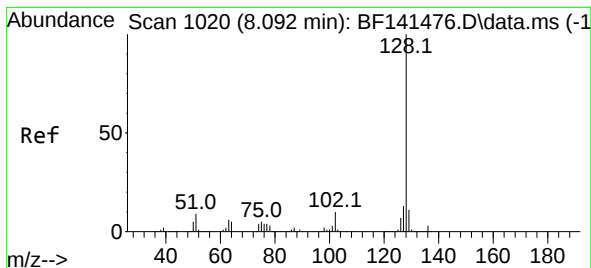
Ion Ratio Lower Upper

180 100

182 93.7 76.8 115.2

145 31.2 24.2 36.4





#31

Naphthalene

Concen: 43.348 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

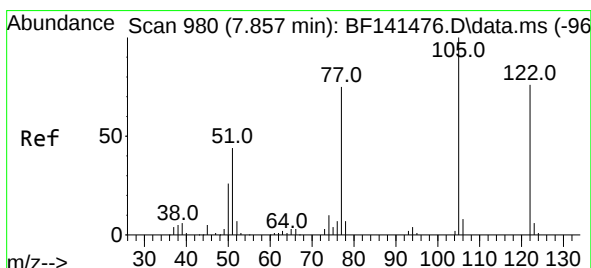
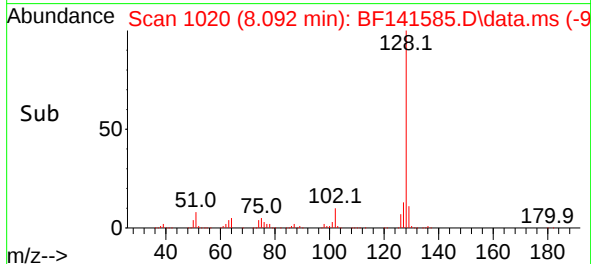
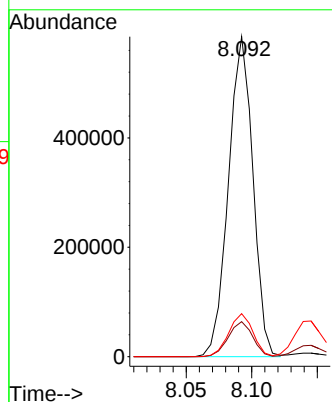
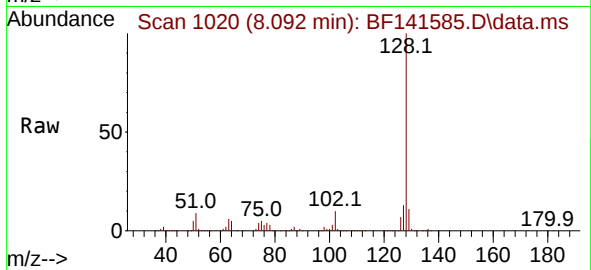
Tgt Ion:128 Resp: 759613

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 42.793 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.029 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

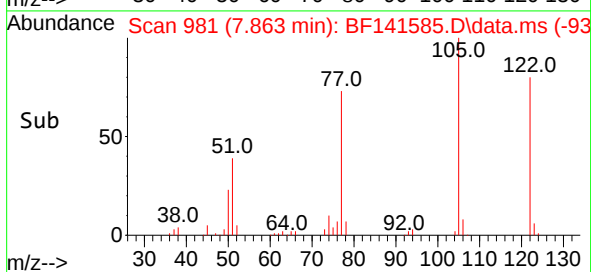
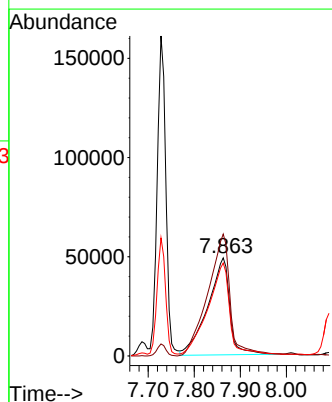
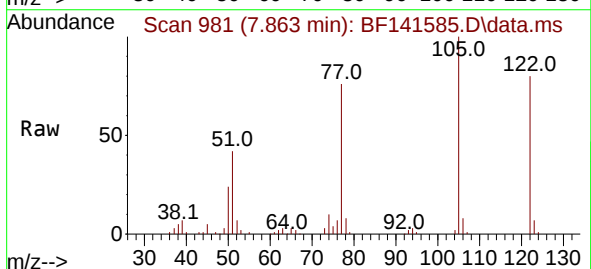
Tgt Ion:122 Resp: 162598

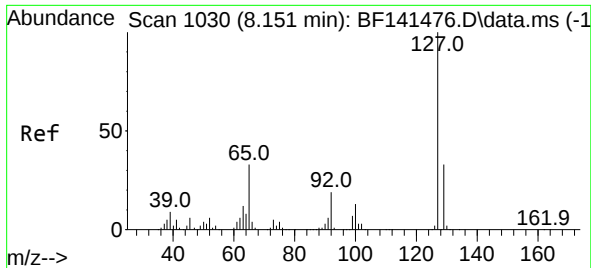
Ion Ratio Lower Upper

122 100

105 124.3 106.5 146.5

77 94.9 76.3 116.3

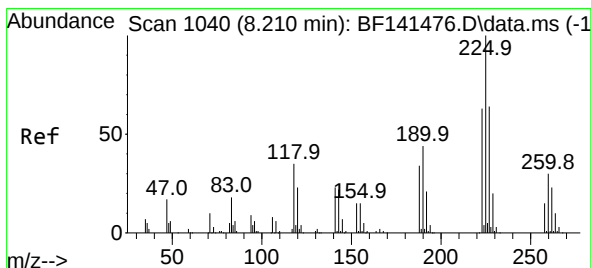
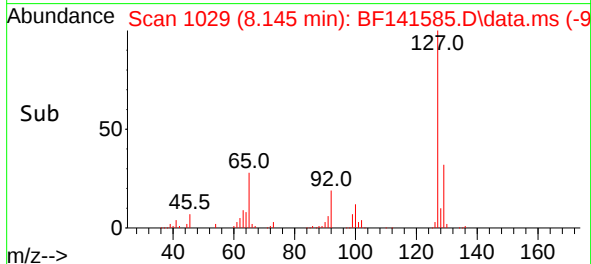
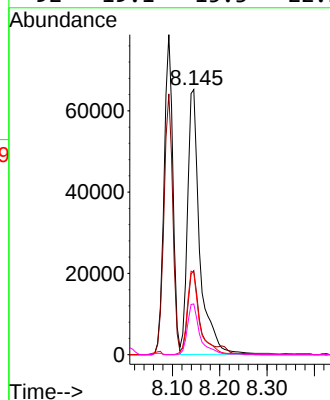
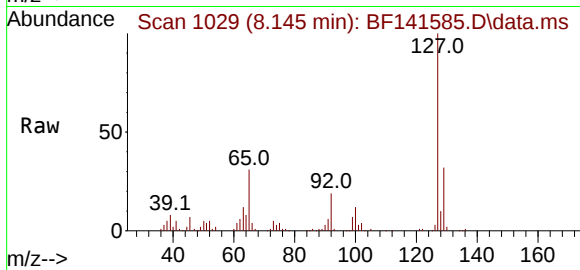




#33
4-Chloroaniline
Concen: 19.139 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

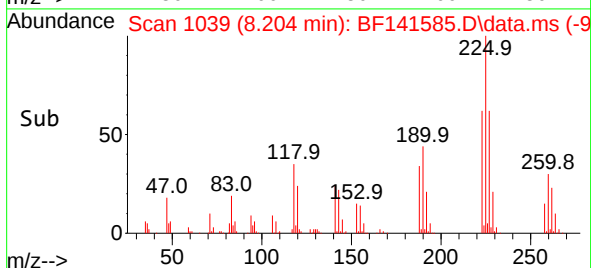
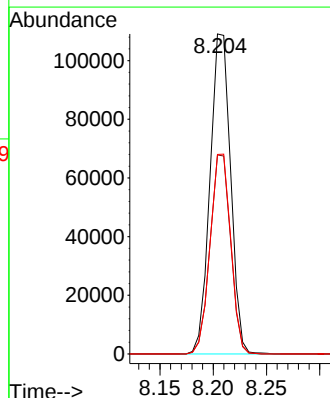
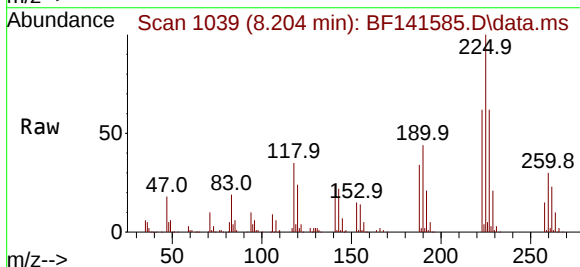
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

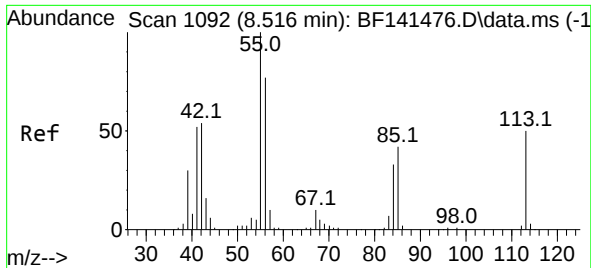
Tgt Ion:	127	Resp:	117097
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.5	39.7
65	30.9	26.4	39.6
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 45.317 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:	225	Resp:	146424
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.1	75.1
227	62.3	51.0	76.6

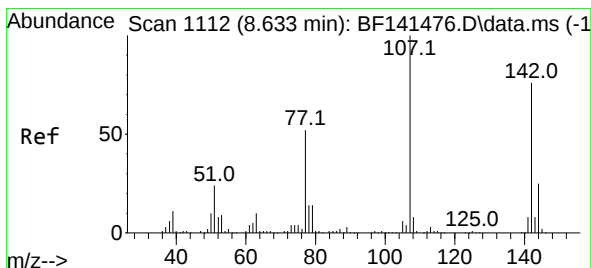
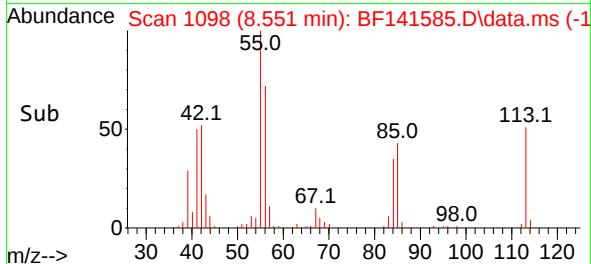
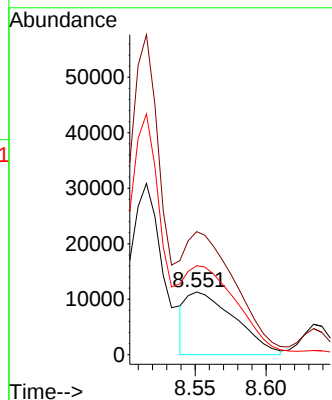
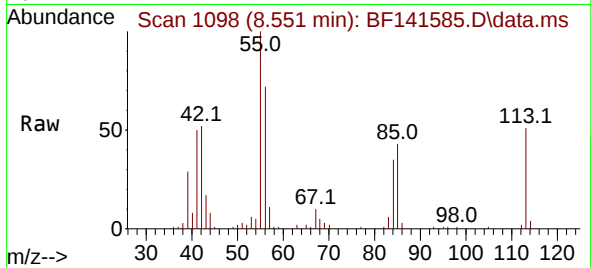




#35
 Caprolactam
 Concen: 17.862 ng
 RT: 8.551 min Scan# 1098
 Delta R.T. 0.006 min
 Lab File: BF141585.D
 Acq: 12 Feb 2025 13:02

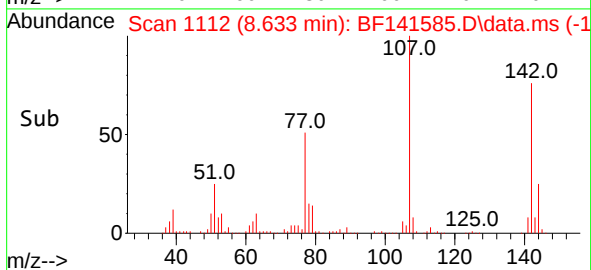
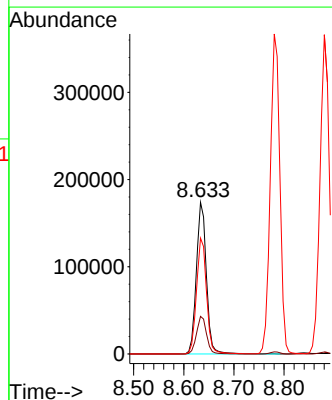
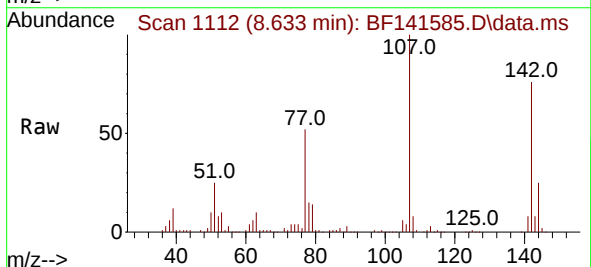
Instrument :
 BNA_F
 ClientSampleId :
 PB166679BSD

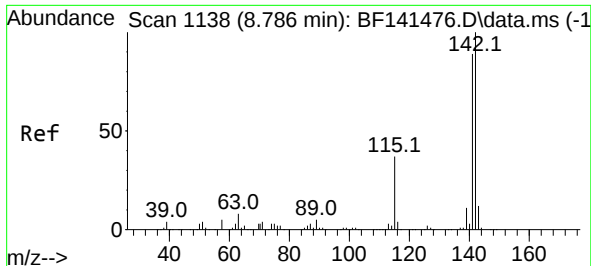
Tgt Ion:113 Resp: 26880
 Ion Ratio Lower Upper
 113 100
 55 196.3 180.8 220.8
 56 142.0 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.993 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141585.D
 Acq: 12 Feb 2025 13:02

Tgt Ion:107 Resp: 240857
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.7 29.5
 142 76.4 60.8 91.2

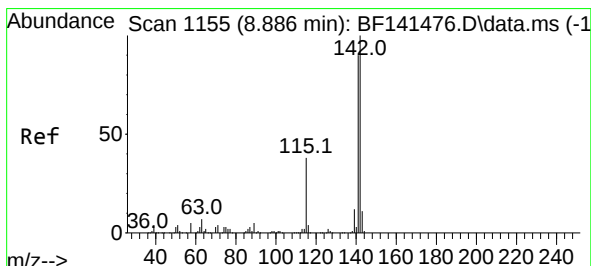
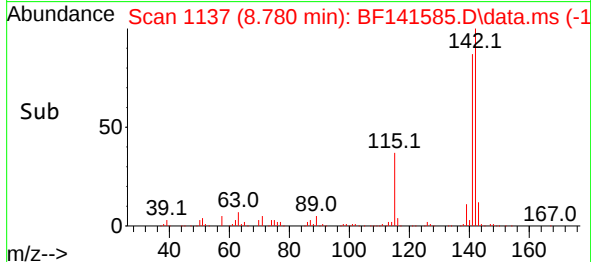
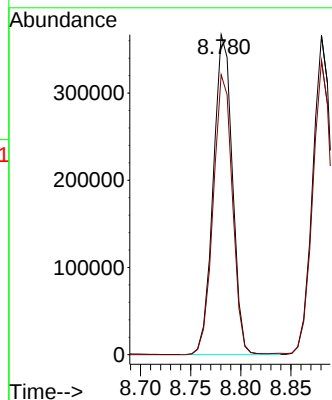
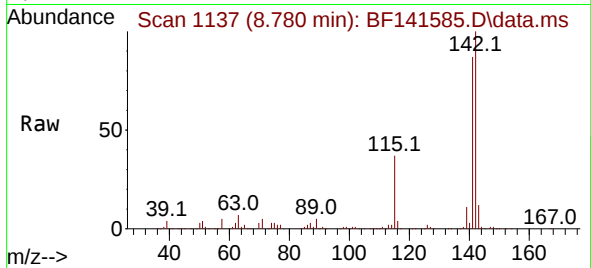




#37
2-Methylnaphthalene
Concen: 42.560 ng
RT: 8.780 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

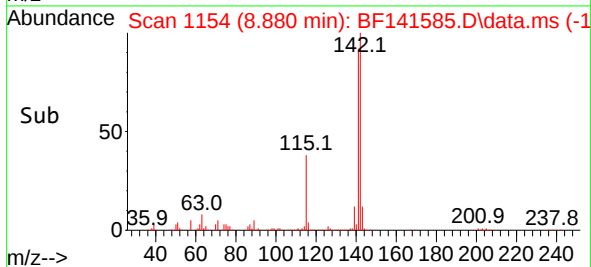
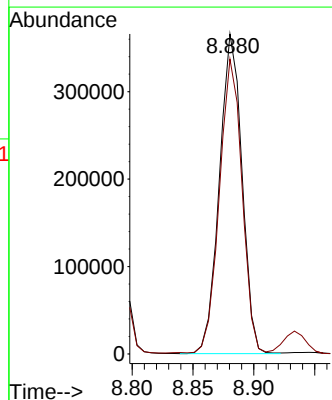
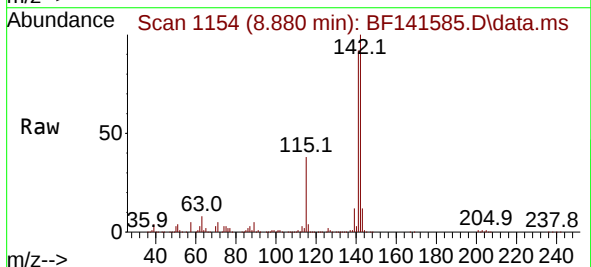
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

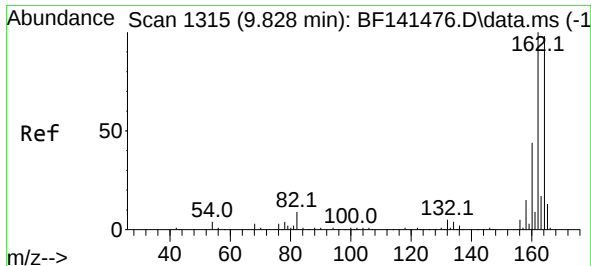
Tgt Ion:142 Resp: 485319
Ion Ratio Lower Upper
142 100
141 87.5 71.2 106.8



#38
1-Methylnaphthalene
Concen: 42.694 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:142 Resp: 471534
Ion Ratio Lower Upper
142 100
141 92.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

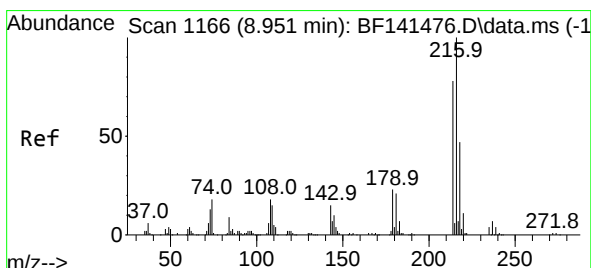
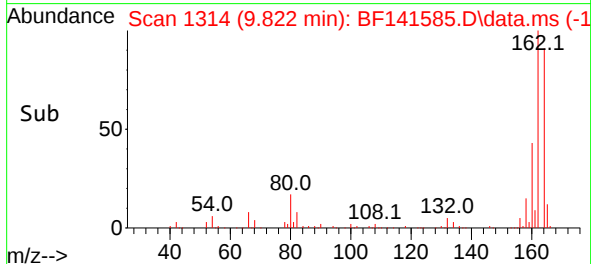
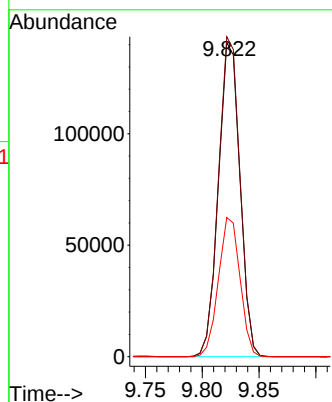
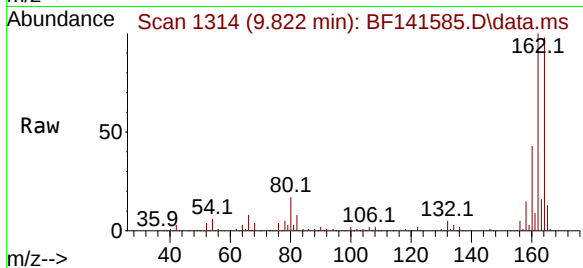
Tgt Ion:164 Resp: 185718

Ion Ratio Lower Upper

164 100

162 101.9 81.3 121.9

160 44.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.864 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Tgt Ion:216 Resp: 262549

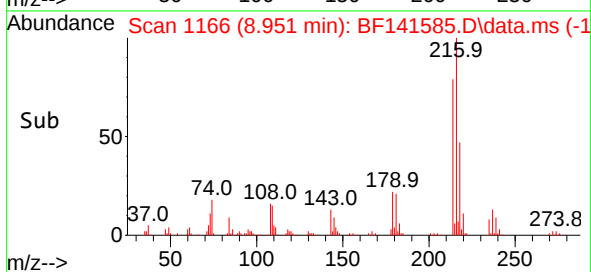
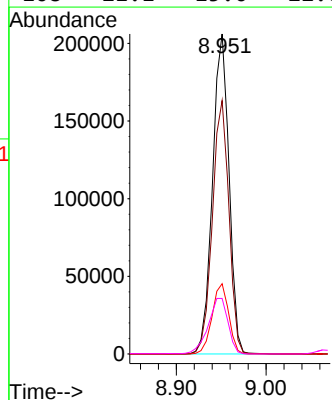
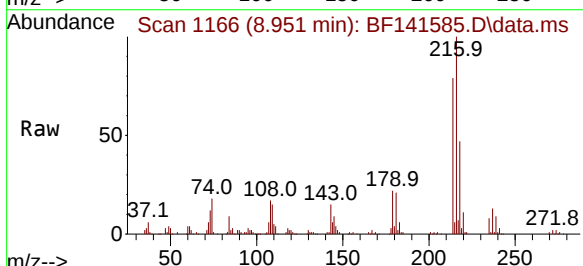
Ion Ratio Lower Upper

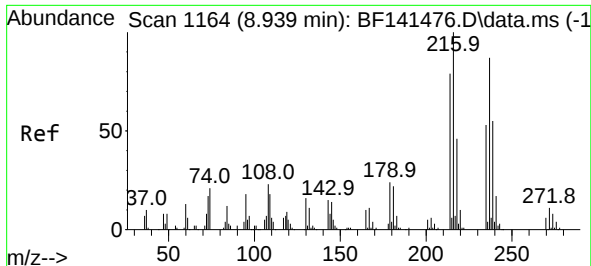
216 100

214 79.5 62.3 93.5

179 22.1 18.0 27.0

108 21.1 15.0 22.6

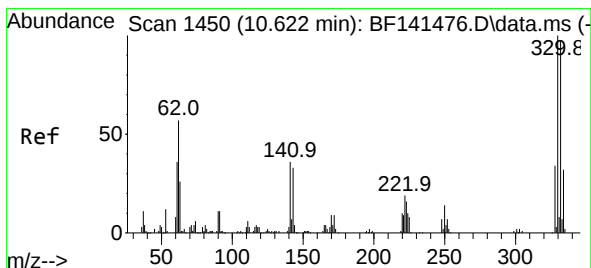
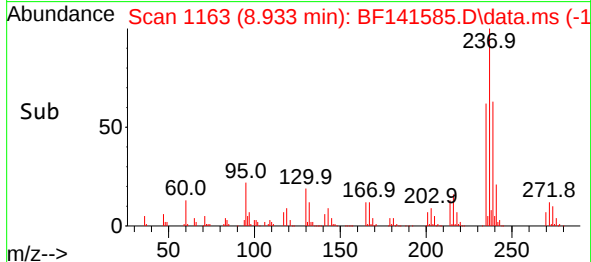
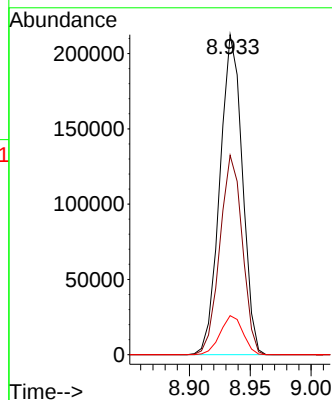
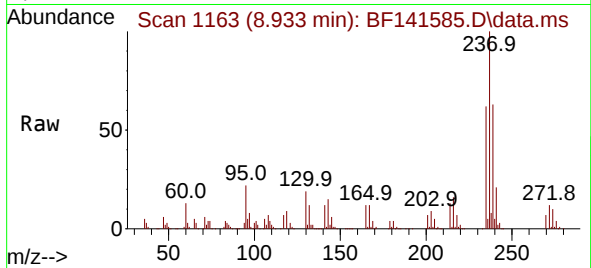




#41
Hexachlorocyclopentadiene
Concen: 153.064 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

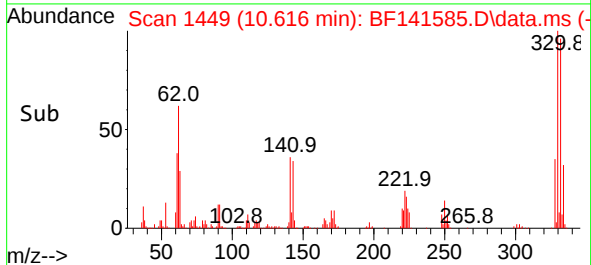
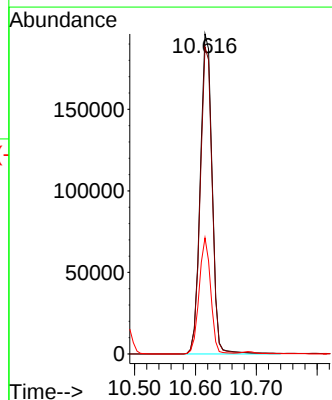
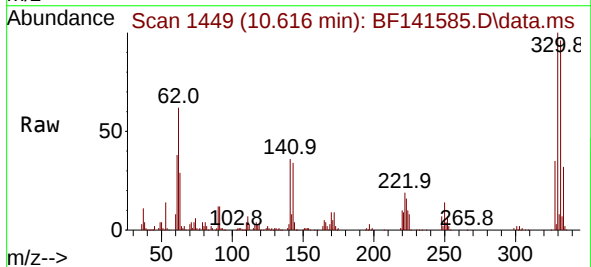
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

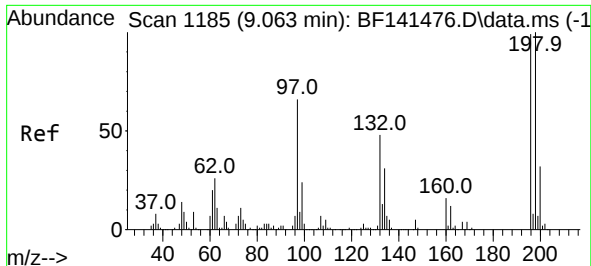
Tgt Ion:237 Resp: 273543
Ion Ratio Lower Upper
237 100
235 62.3 41.4 81.4
272 12.2 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 142.403 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:330 Resp: 265670
Ion Ratio Lower Upper
330 100
332 95.7 78.5 117.7
141 35.2 31.0 46.4

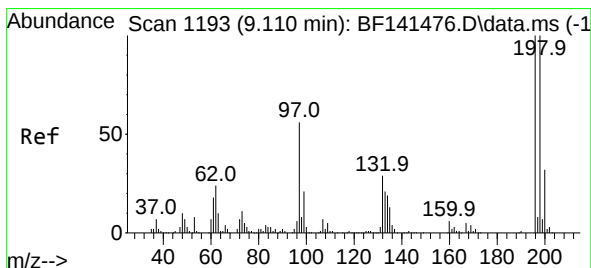
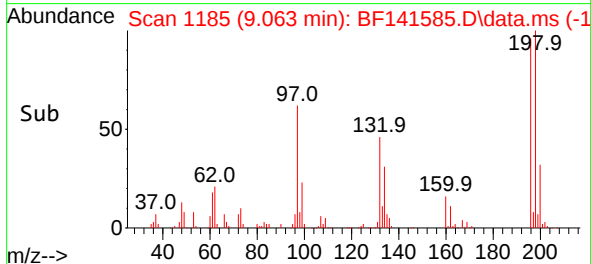
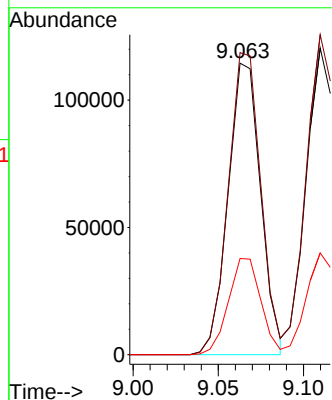
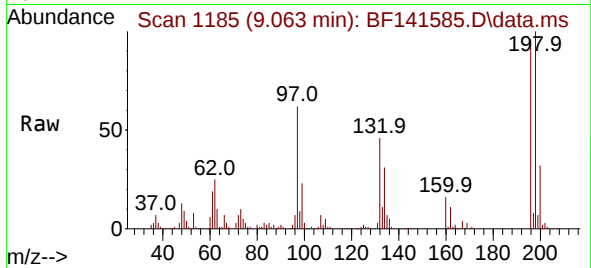




#43
2,4,6-Trichlorophenol
Concen: 43.957 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

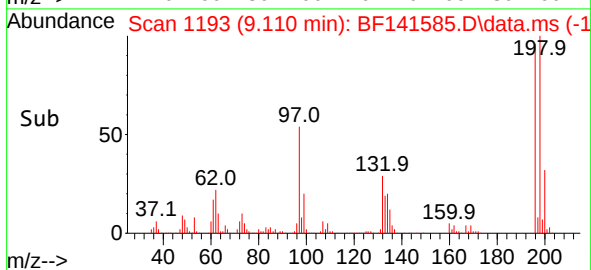
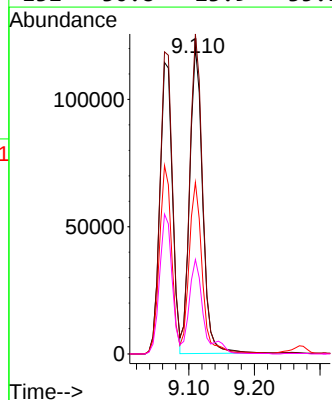
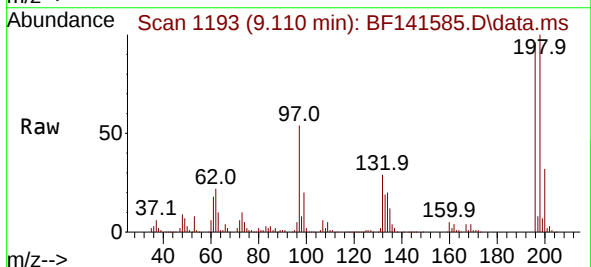
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

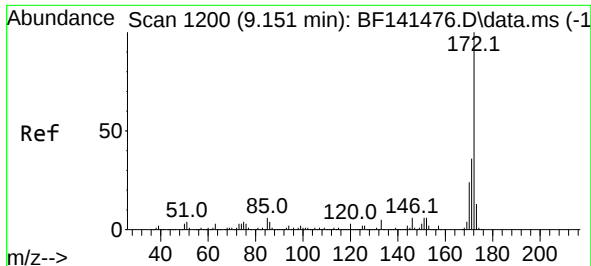
Tgt Ion:196 Resp: 152647
Ion Ratio Lower Upper
196 100
198 103.6 80.6 121.0
200 33.0 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 43.593 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:196 Resp: 164065
Ion Ratio Lower Upper
196 100
198 104.3 79.8 119.8
97 55.9 44.8 67.2
132 30.8 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 97.630 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

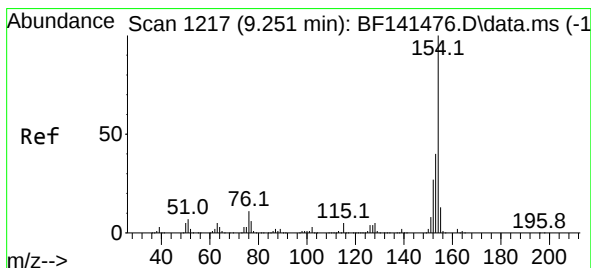
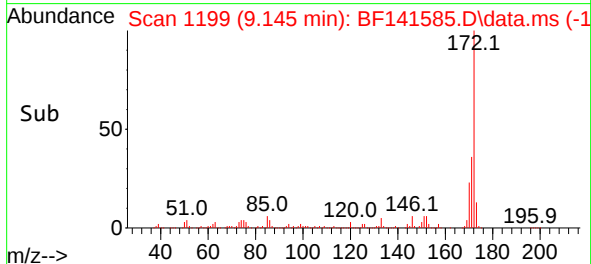
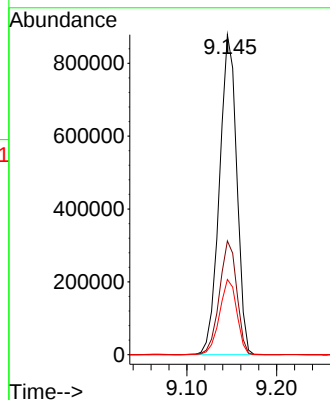
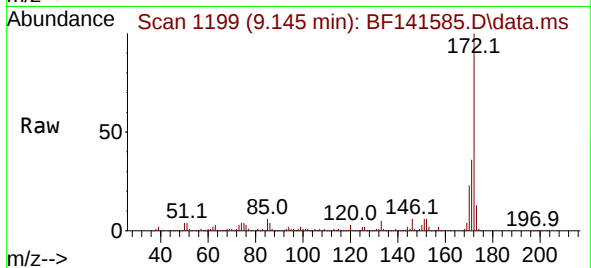
Tgt Ion:172 Resp: 1176893

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.909 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

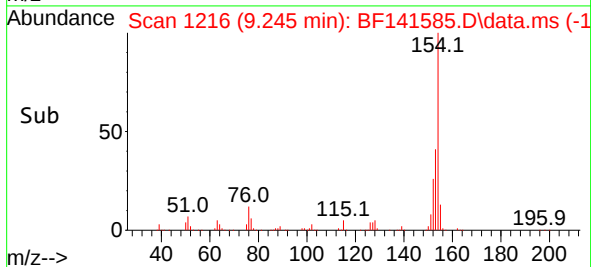
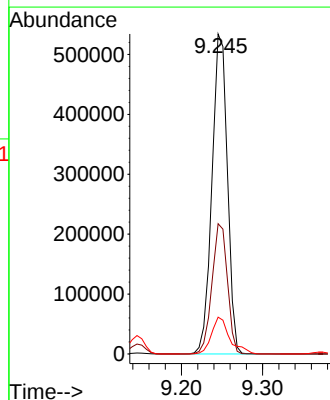
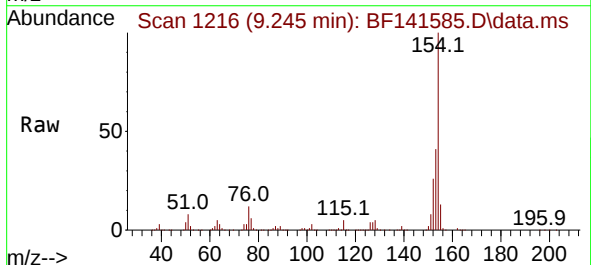
Tgt Ion:154 Resp: 704206

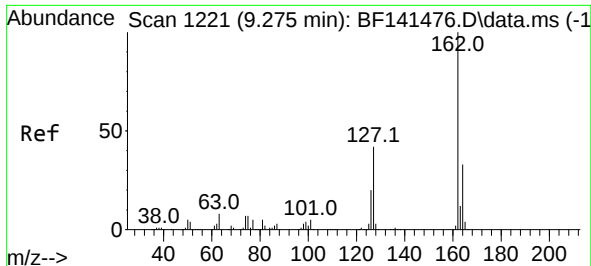
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 11.5 0.0 30.8

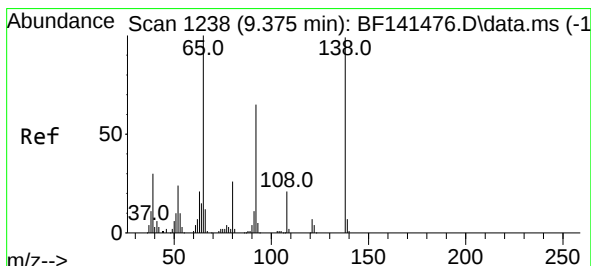
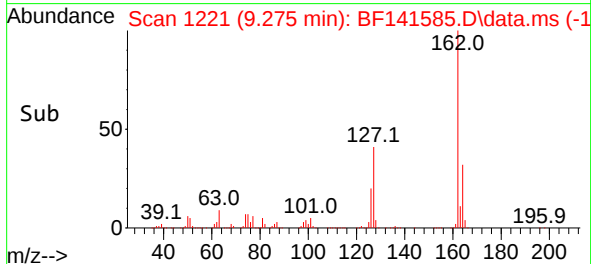
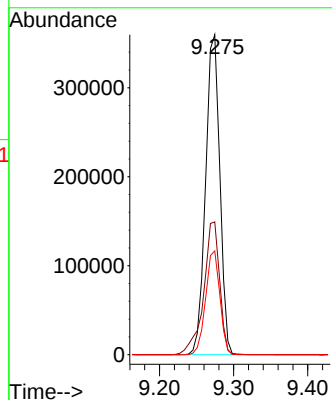
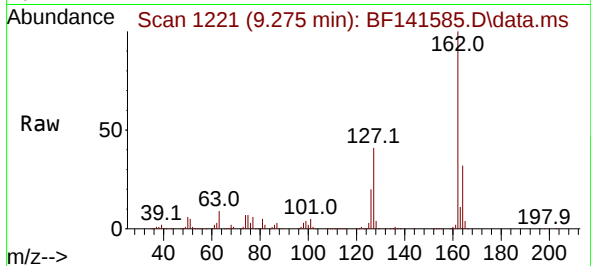




#47
2-Chloronaphthalene
Concen: 45.171 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

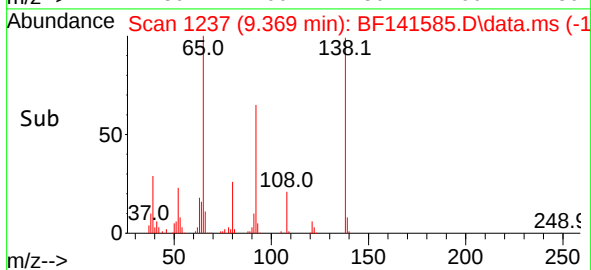
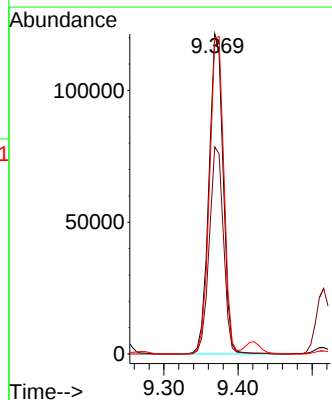
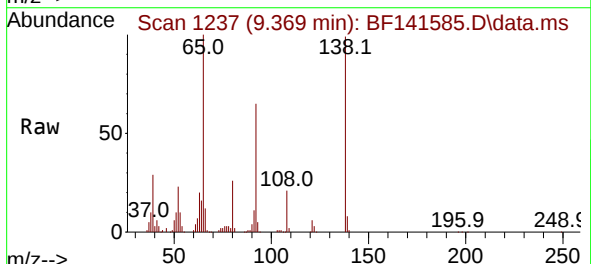
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

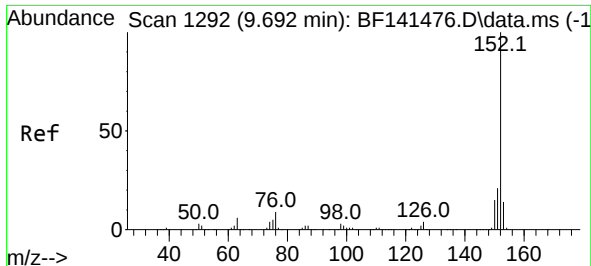
Tgt Ion:162 Resp: 480939
Ion Ratio Lower Upper
162 100
127 41.5 34.1 51.1
164 32.4 26.3 39.5



#48
2-Nitroaniline
Concen: 45.296 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion: 65 Resp: 161851
Ion Ratio Lower Upper
65 100
92 64.7 52.2 78.2
138 98.8 79.5 119.3





#49

Acenaphthylene

Concen: 46.948 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

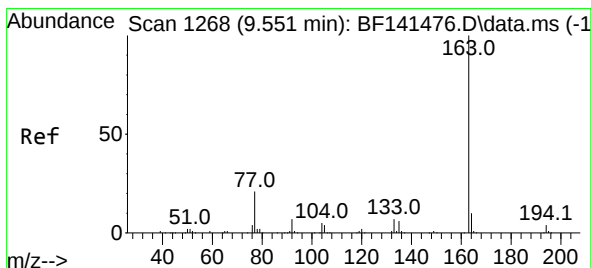
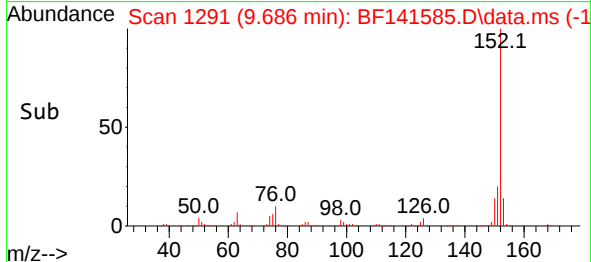
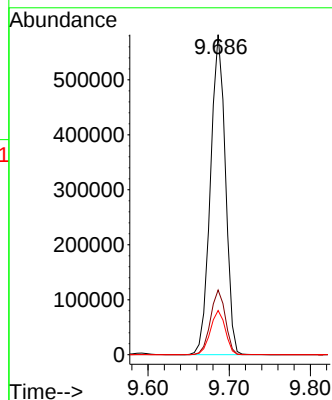
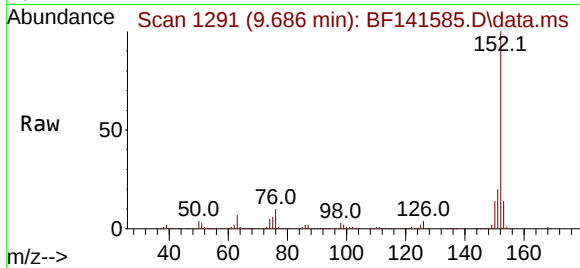
Tgt Ion:152 Resp: 743491

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 45.450 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

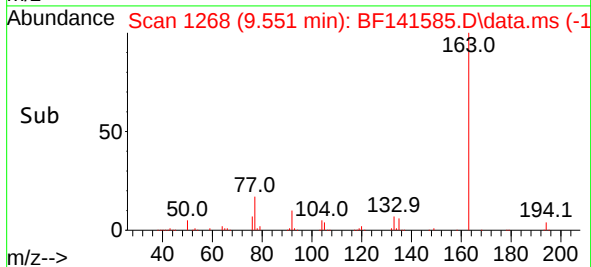
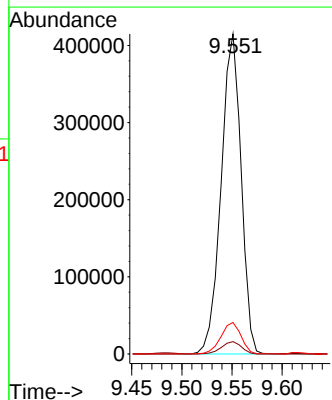
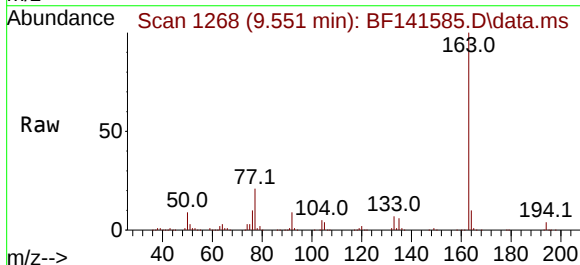
Tgt Ion:163 Resp: 573028

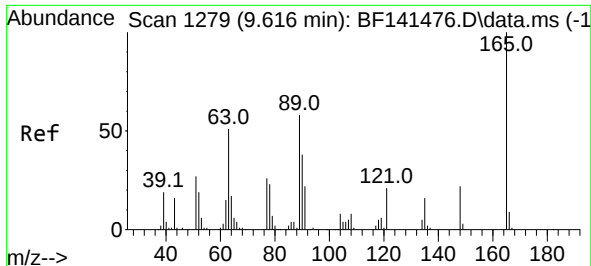
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 9.9 7.9 11.9

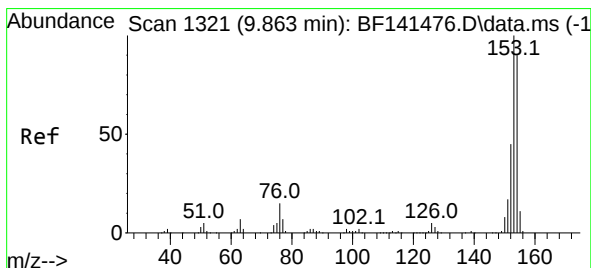
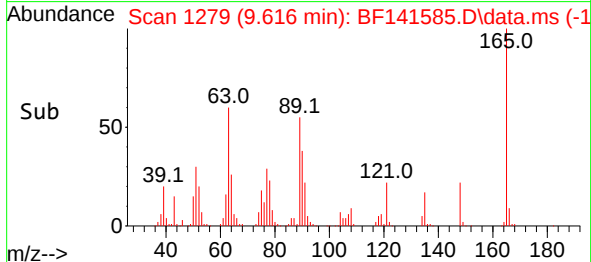
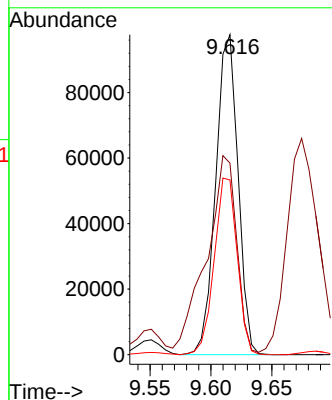
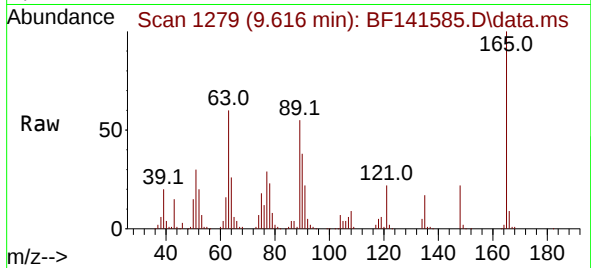




#51
2,6-Dinitrotoluene
Concen: 45.180 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

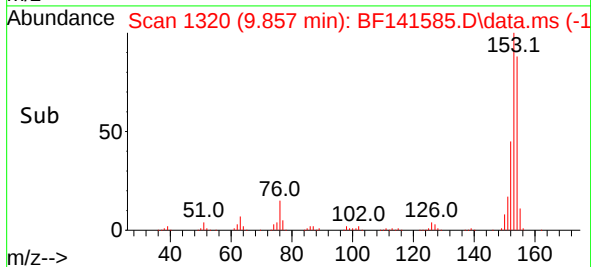
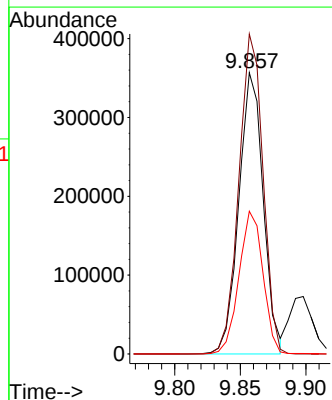
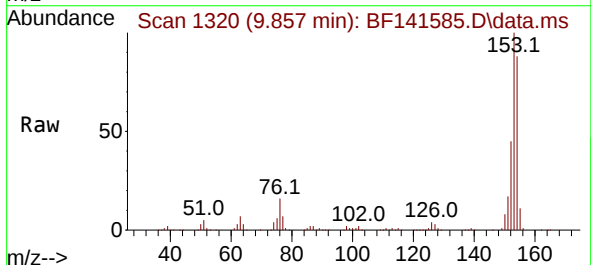
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

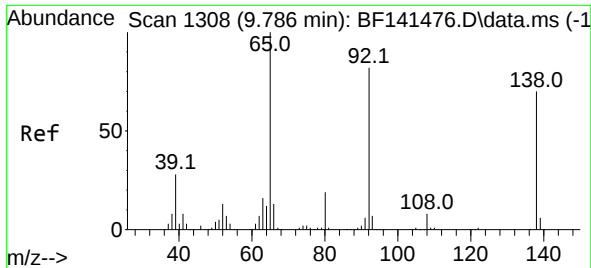
Tgt Ion:165 Resp: 124523
Ion Ratio Lower Upper
165 100
63 59.9 49.4 74.0
89 54.6 46.5 69.7



#52
Acenaphthene
Concen: 43.475 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:154 Resp: 462859
Ion Ratio Lower Upper
154 100
153 113.8 89.2 133.8
152 50.7 39.8 59.8

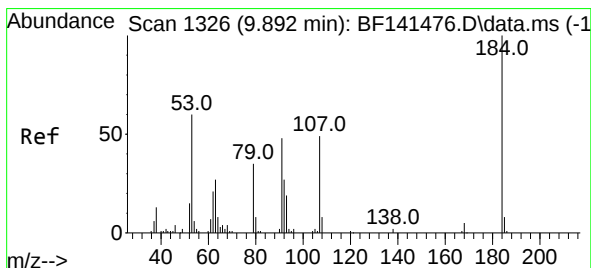
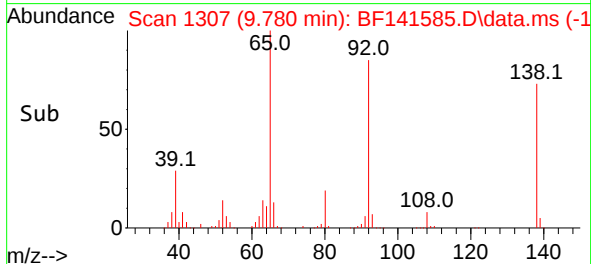
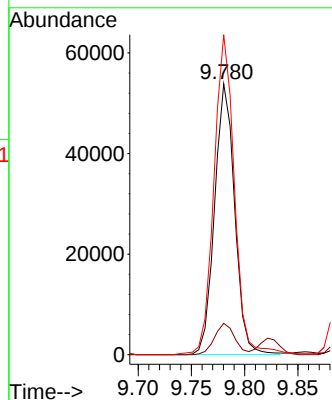
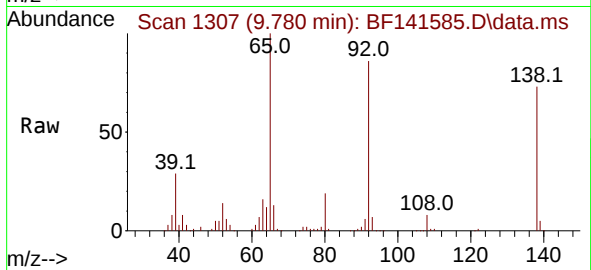




#53
3-Nitroaniline
Concen: 23.816 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

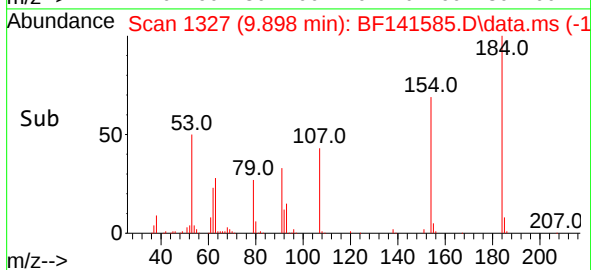
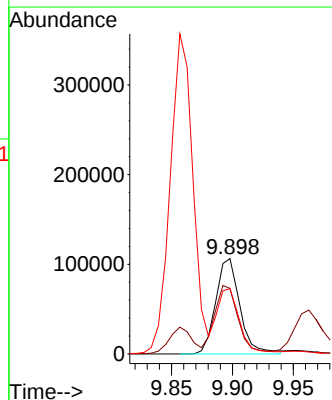
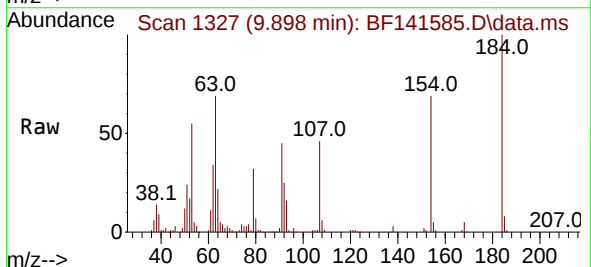
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

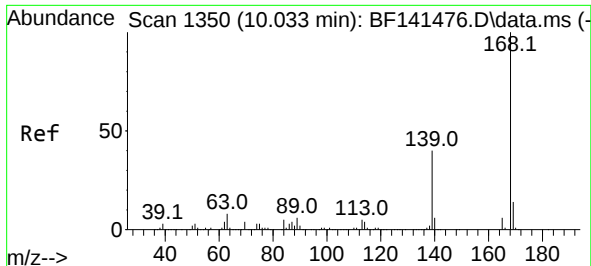
Tgt Ion:138 Resp: 70649
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 118.1 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 89.676 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:184 Resp: 146895
Ion Ratio Lower Upper
184 100
63 68.8 61.0 91.6
154 68.6 59.9 89.9

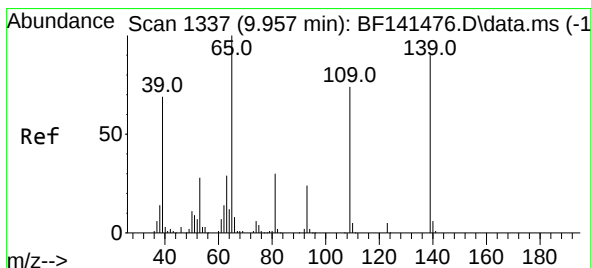
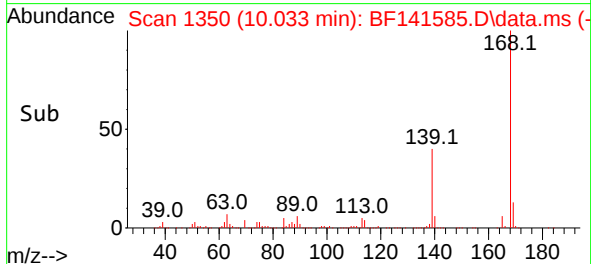
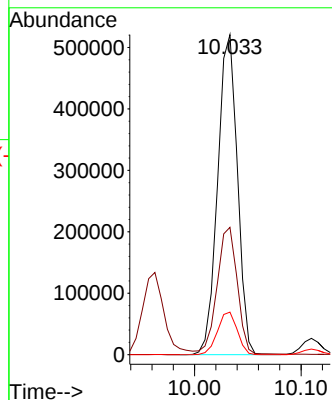
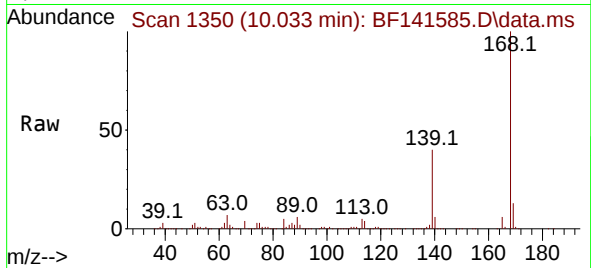




#55
Dibenzenofuran
Concen: 42.836 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

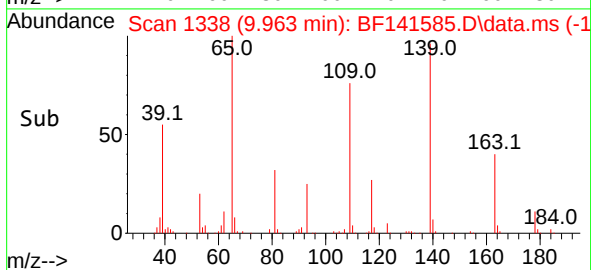
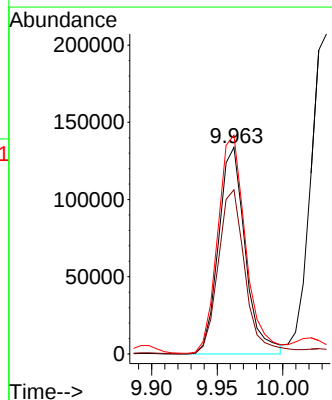
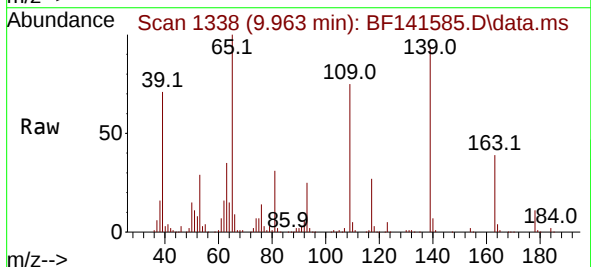
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

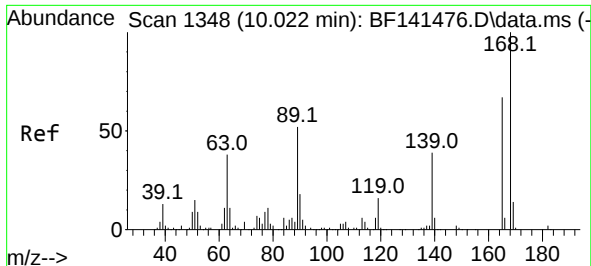
Tgt Ion:168 Resp: 669409
Ion Ratio Lower Upper
168 100
139 39.8 32.7 49.1
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 85.813 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

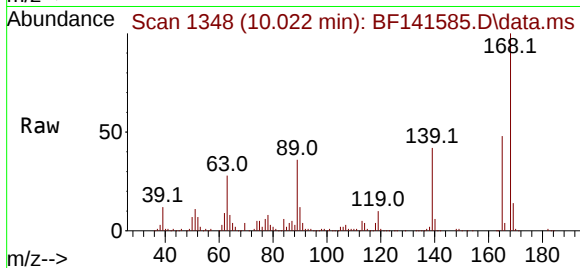
Tgt Ion:139 Resp: 188969
Ion Ratio Lower Upper
139 100
109 79.5 62.0 102.0
65 105.9 91.2 131.2



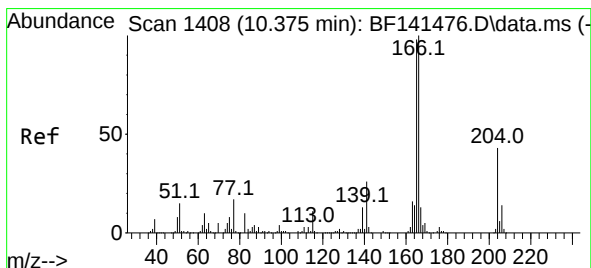
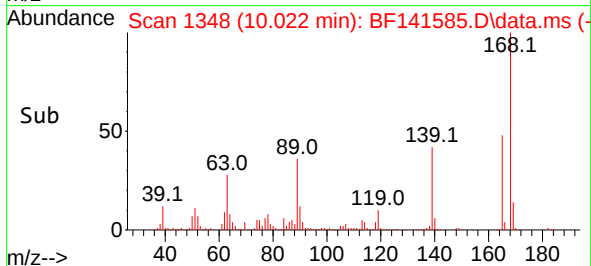
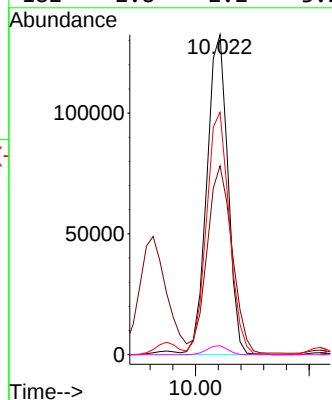


#57
2,4-Dinitrotoluene
Concen: 46.305 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Instrument :
BNA_F
ClientSampleId :
PB166679BSD

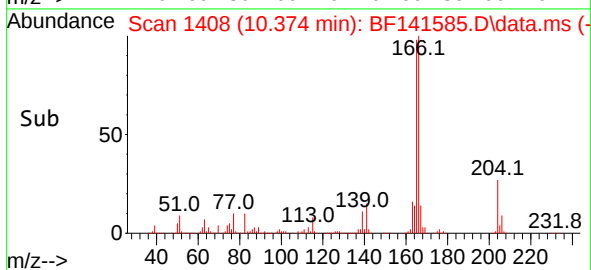
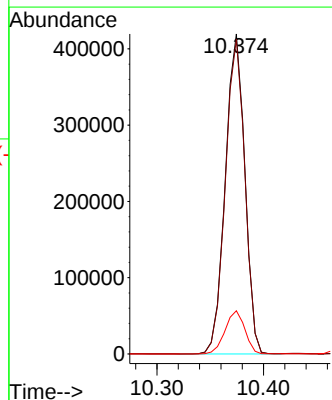
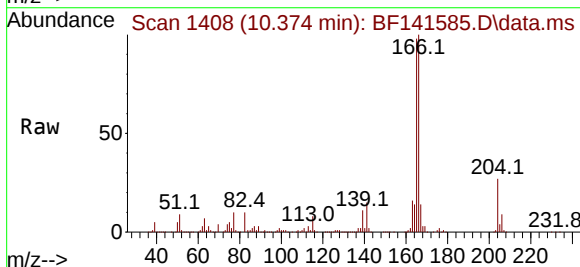


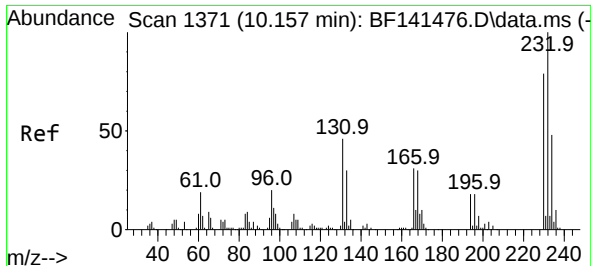
Tgt Ion:	165	Resp:	169900
Ion	Ratio	Lower	Upper
165	100		
63	59.0	46.4	69.6
89	75.8	61.8	92.6
182	2.8	2.2	3.2



#58
Fluorene
Concen: 44.236 ng
RT: 10.374 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

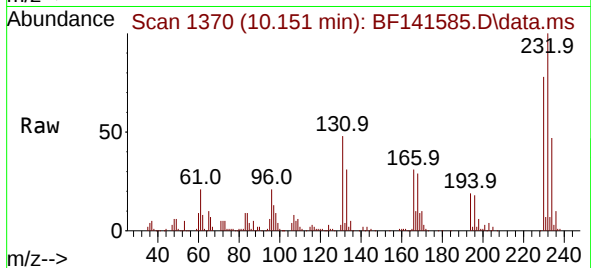
Tgt Ion:	166	Resp:	534505
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.2
167	13.5	10.7	16.1



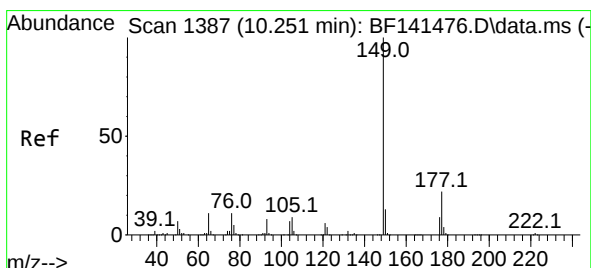
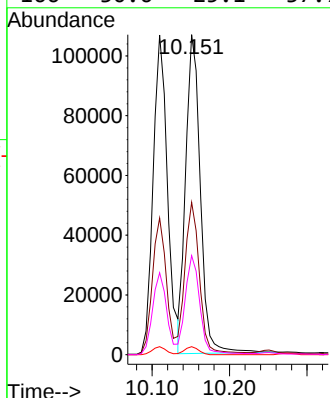
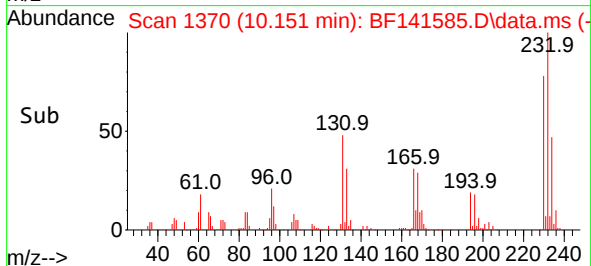


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.242 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

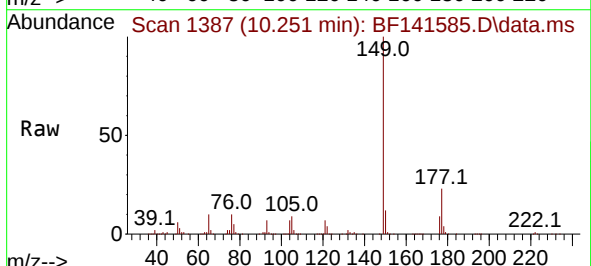
Instrument :
BNA_F
ClientSampleId :
PB166679BSD



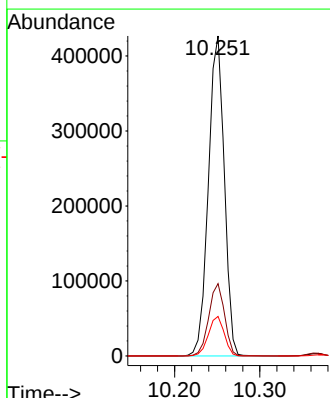
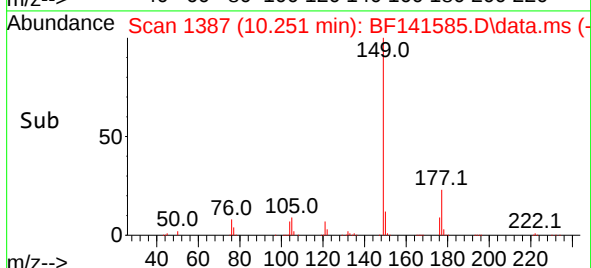
Tgt Ion:232 Resp: 140112
Ion Ratio Lower Upper
232 100
131 48.7 39.2 58.8
130 2.5 2.1 3.1
166 30.6 25.1 37.7

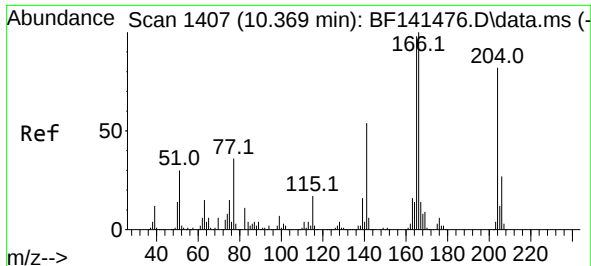


#60
Diethylphthalate
Concen: 44.562 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02



Tgt Ion:149 Resp: 552784
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.3 10.1 15.1

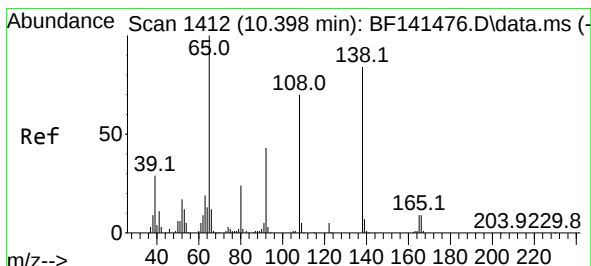
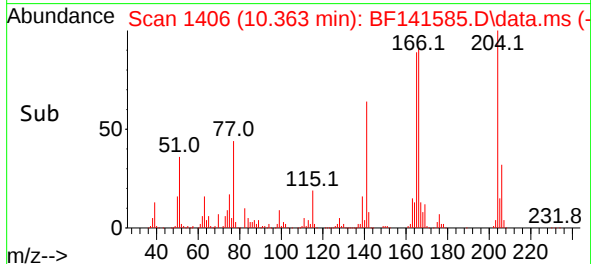
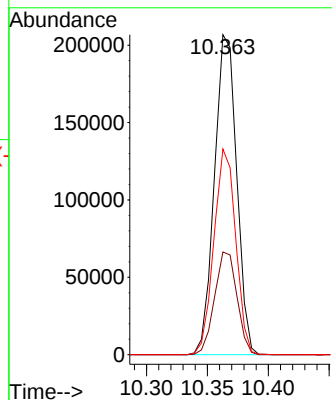
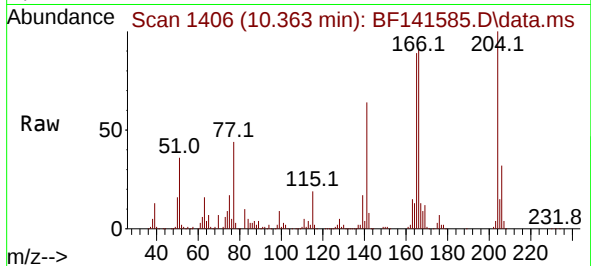




#61
4-Chlorophenyl-phenylether
Concen: 45.261 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

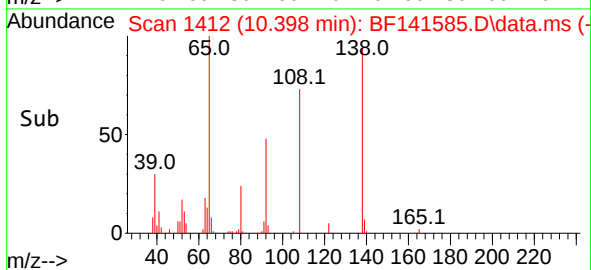
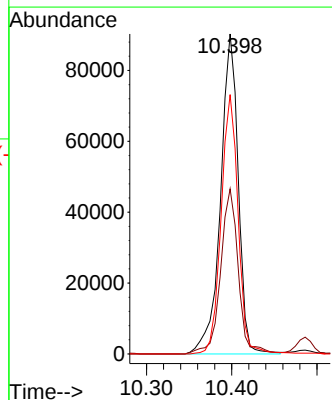
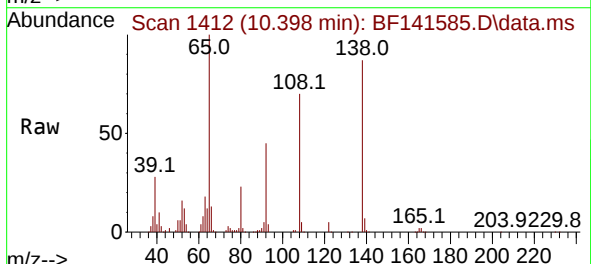
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

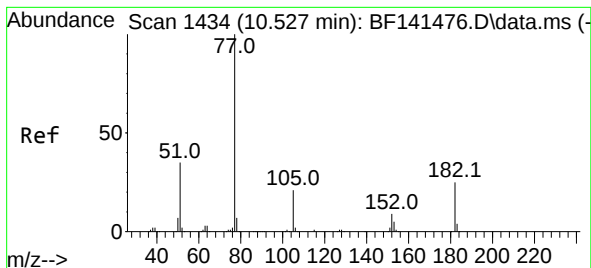
Tgt Ion:204 Resp: 263103
Ion Ratio Lower Upper
204 100
206 32.1 26.6 40.0
141 64.3 51.9 77.9



#62
4-Nitroaniline
Concen: 43.272 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:138 Resp: 130344
Ion Ratio Lower Upper
138 100
92 51.6 31.3 71.3
108 81.0 63.7 103.7

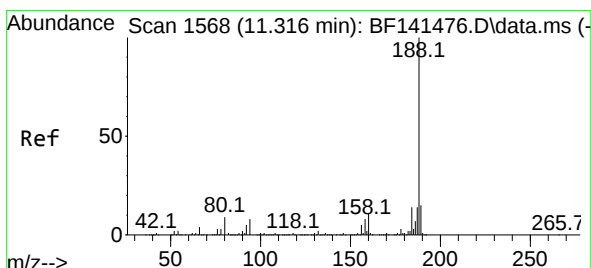
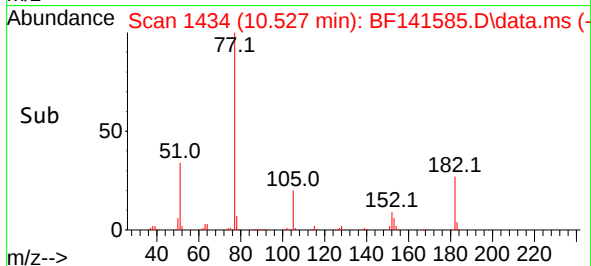
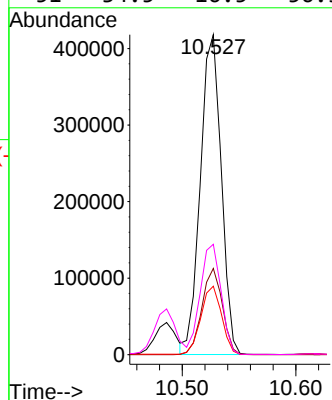
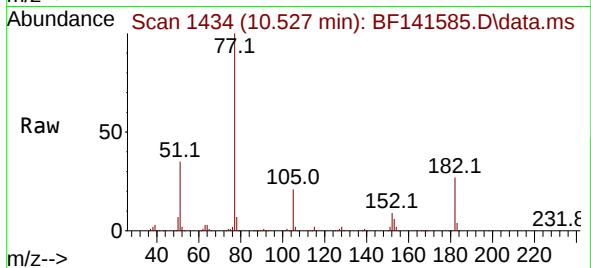




#63
Azobenzene
Concen: 43.356 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

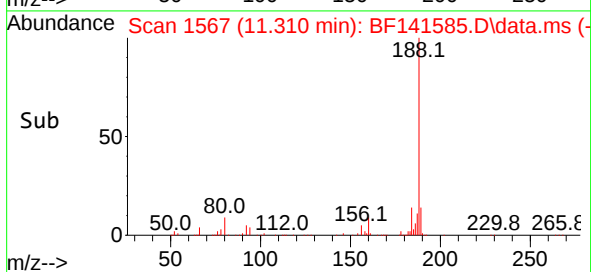
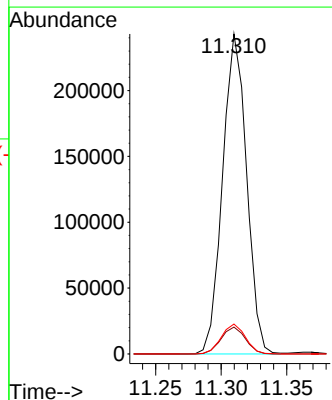
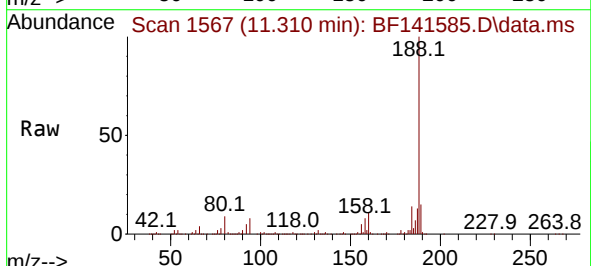
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

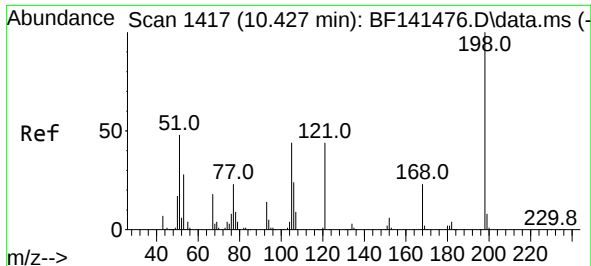
Tgt Ion:	77	Resp:	534664
Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.7	44.7
105	21.4	0.4	40.4
51	34.5	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:	188	Resp:	309258
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	9.3	7.3	10.9

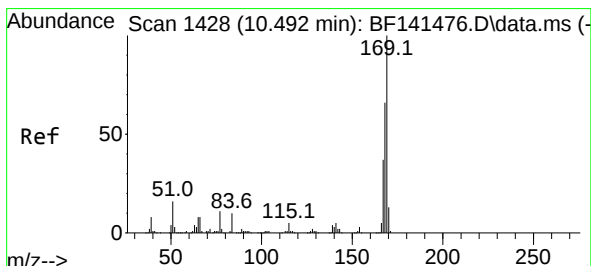
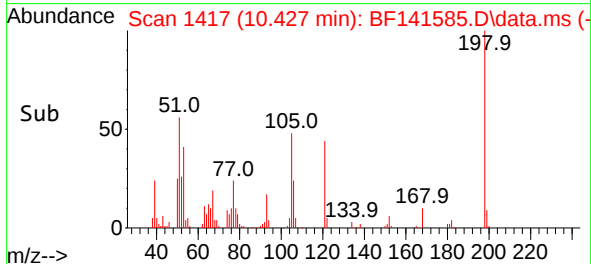
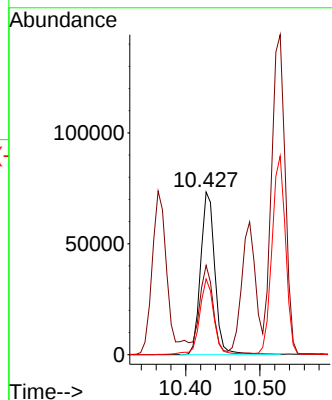
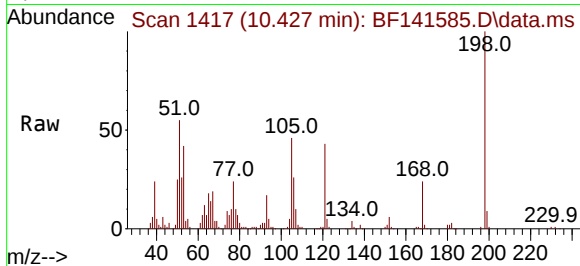




#65
4,6-Dinitro-2-methylphenol
Concen: 45.511 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

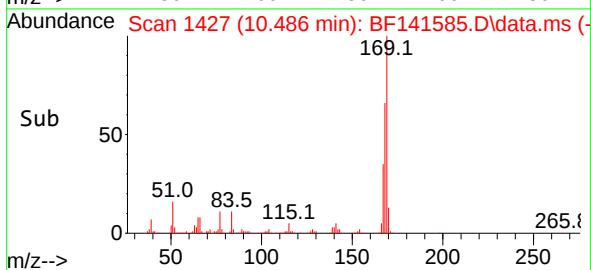
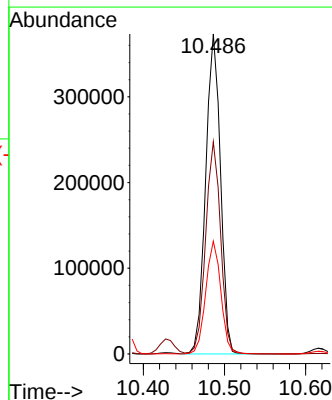
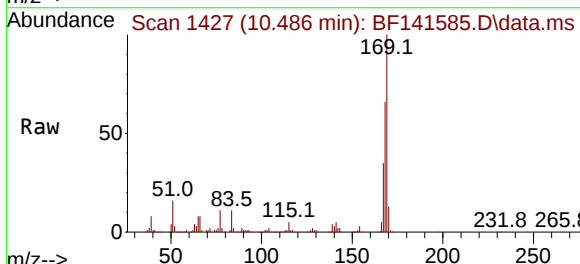
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

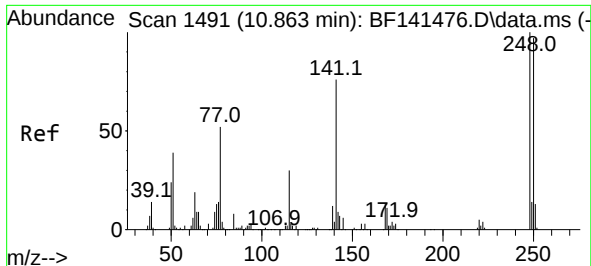
Tgt Ion:198 Resp: 97769
Ion Ratio Lower Upper
198 100
51 54.9 37.4 77.4
105 46.5 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 47.640 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

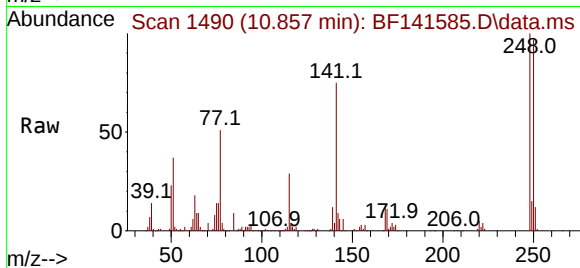
Tgt Ion:169 Resp: 471623
Ion Ratio Lower Upper
169 100
168 66.3 53.3 79.9
167 35.2 29.4 44.2



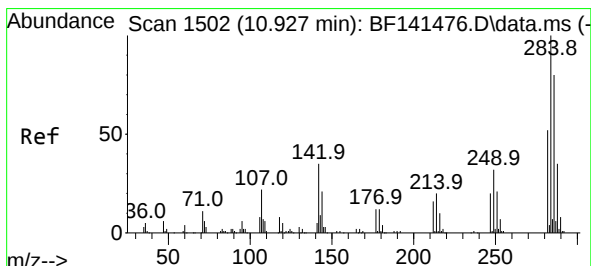
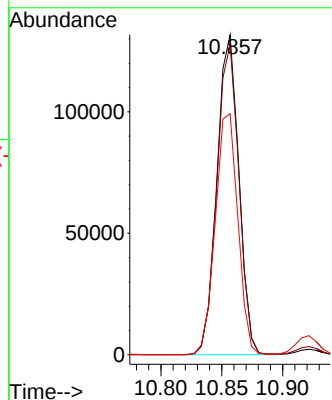
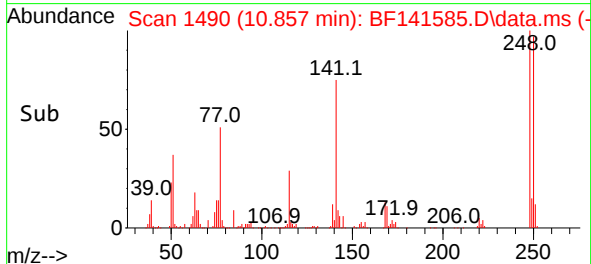


#67
4-Bromophenyl-phenylether
Concen: 47.854 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

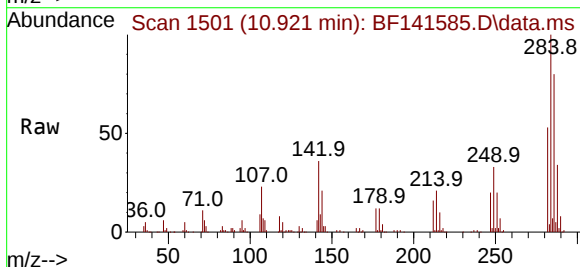
Instrument :
BNA_F
ClientSampleId :
PB166679BSD



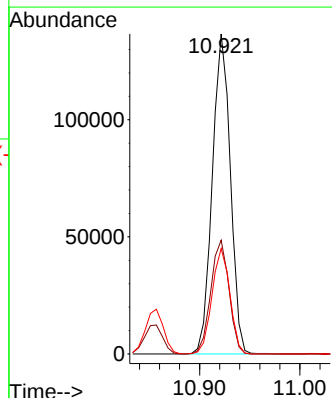
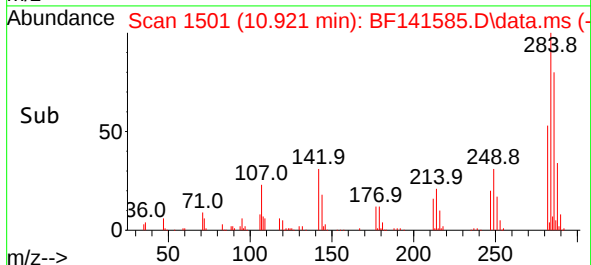
Tgt Ion:248 Resp: 165401
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 75.3 60.6 90.8

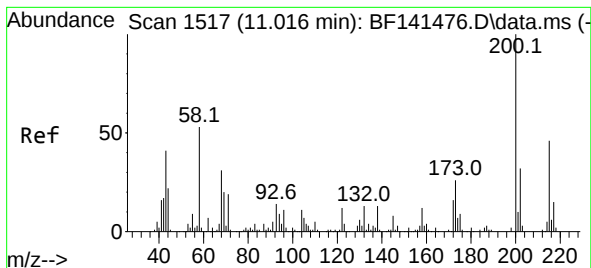


#68
Hexachlorobenzene
Concen: 47.857 ng
RT: 10.921 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02



Tgt Ion:284 Resp: 170327
Ion Ratio Lower Upper
284 100
142 35.6 28.0 42.0
249 32.9 25.8 38.8





#69

Atrazine

Concen: 60.545 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

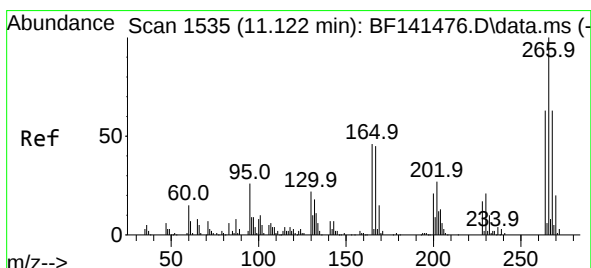
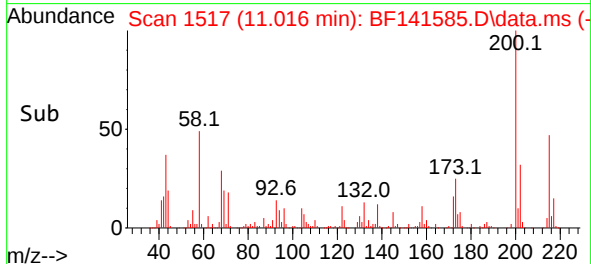
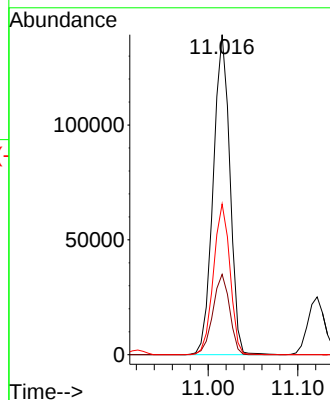
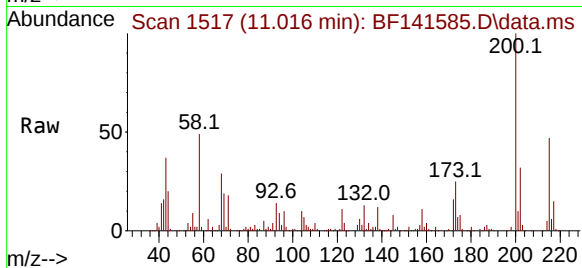
Tgt Ion:200 Resp: 179813

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

215 47.1 25.9 65.9



#70

Pentachlorophenol

Concen: 85.038 ng

RT: 11.121 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

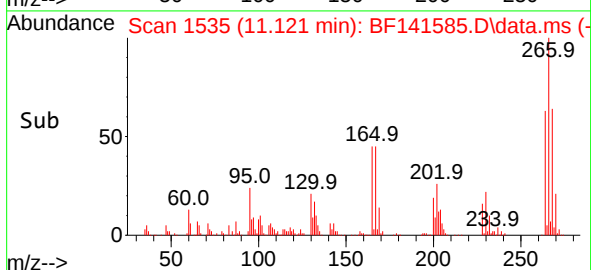
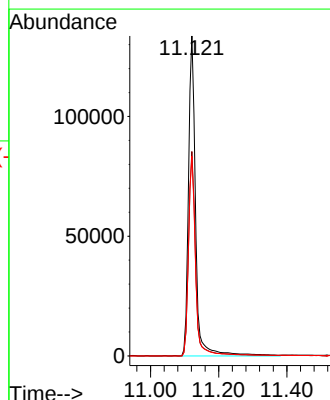
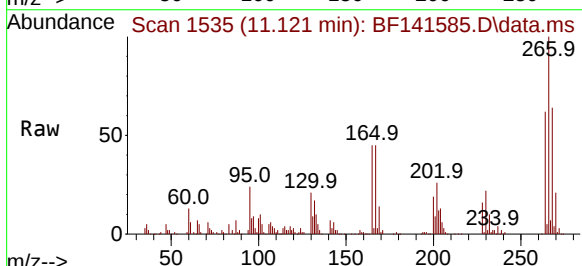
Tgt Ion:266 Resp: 193527

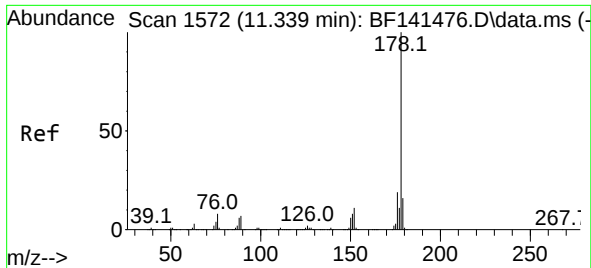
Ion Ratio Lower Upper

266 100

268 63.9 50.1 75.1

264 62.4 50.1 75.1

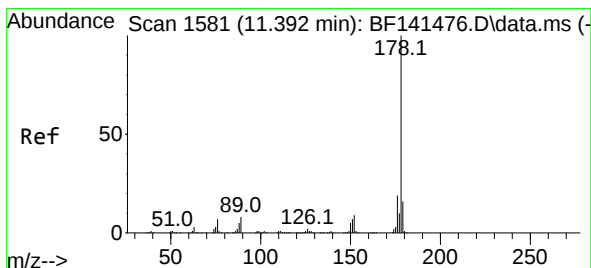
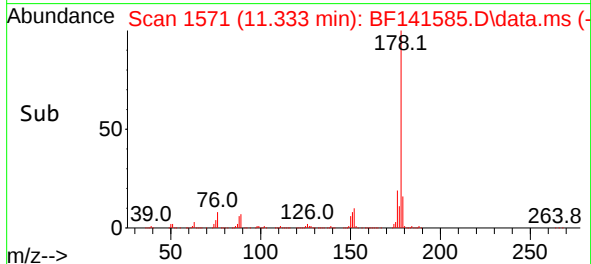
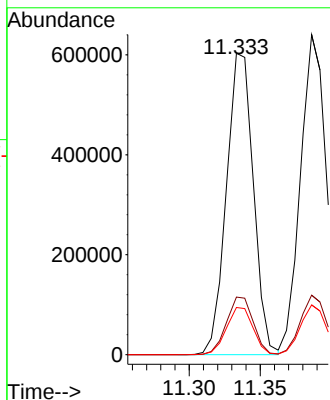
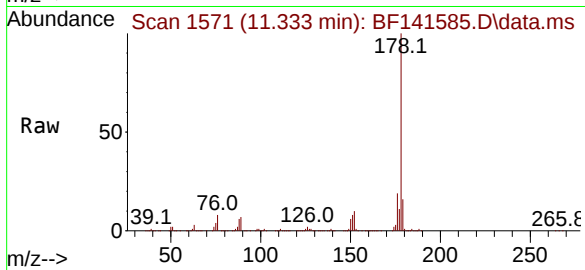




#71
Phenanthrene
Concen: 46.732 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

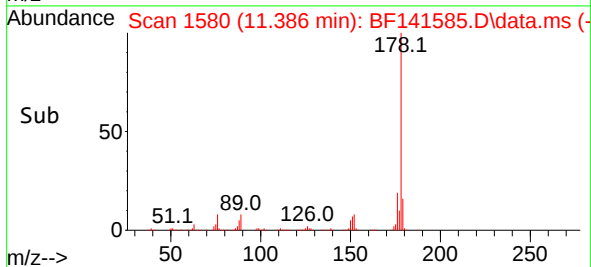
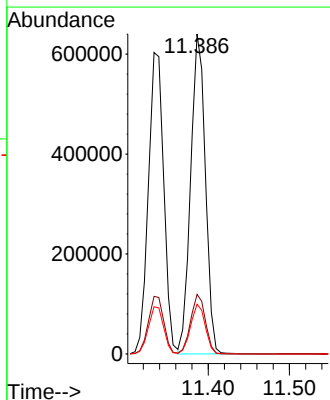
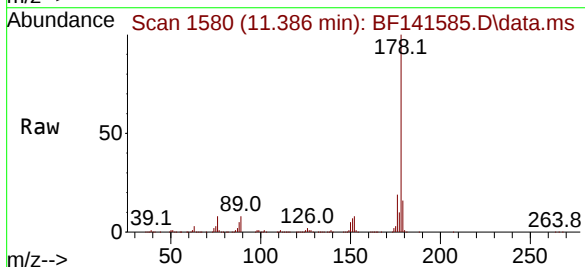
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

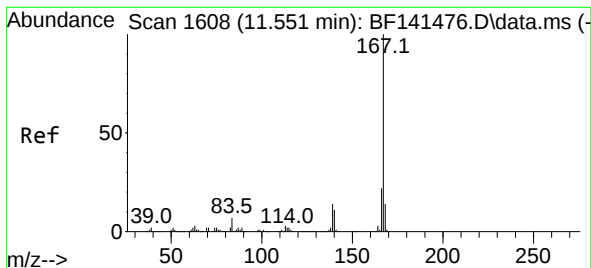
Tgt Ion:178 Resp: 795536
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.4 18.6



#72
Anthracene
Concen: 47.289 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:178 Resp: 809237
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.4 18.6





#73

Carbazole

Concen: 45.523 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

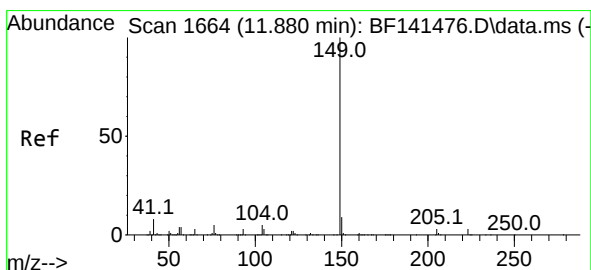
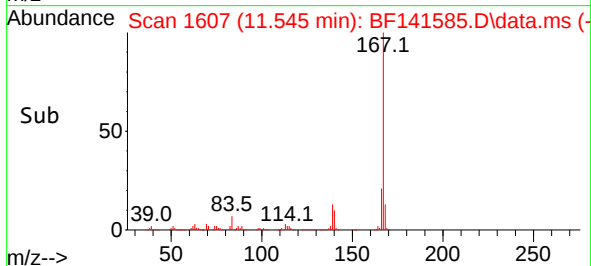
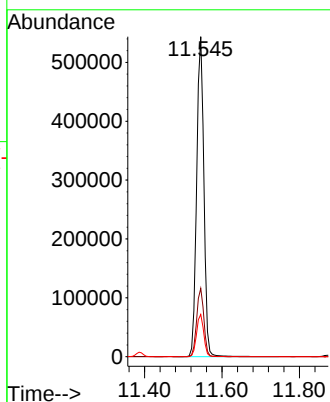
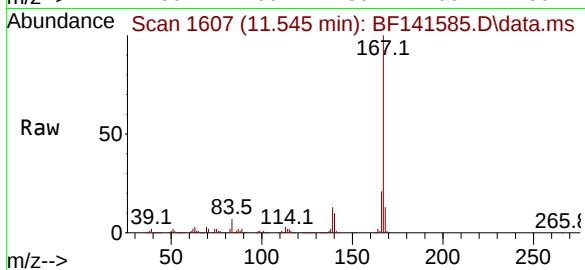
Tgt Ion:167 Resp: 700951

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 13.2 10.9 16.3



#74

Di-n-butylphthalate

Concen: 46.993 ng

RT: 11.874 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

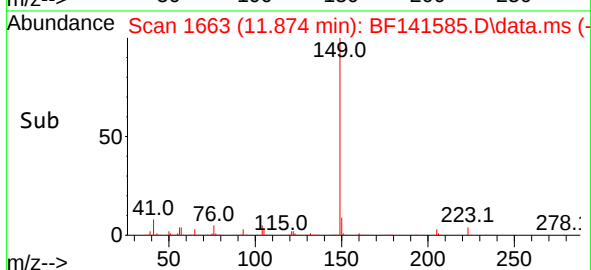
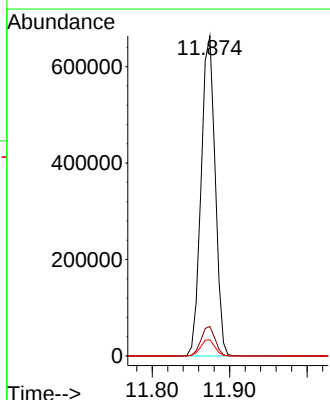
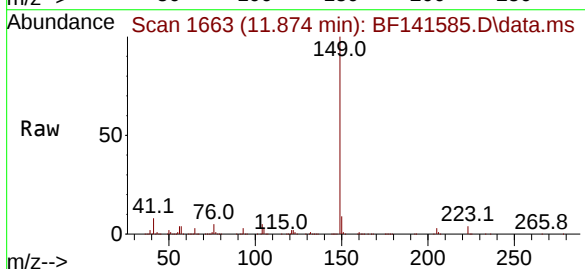
Tgt Ion:149 Resp: 835497

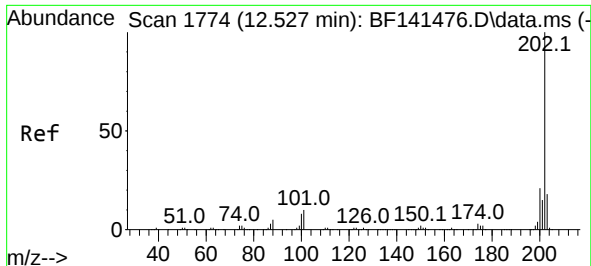
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.2 6.2

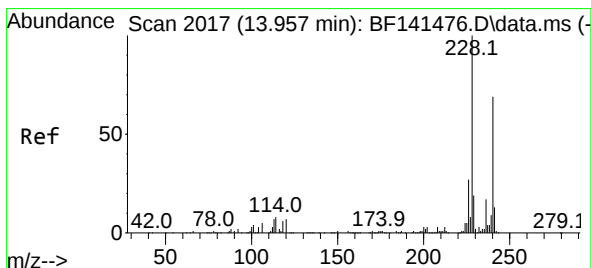
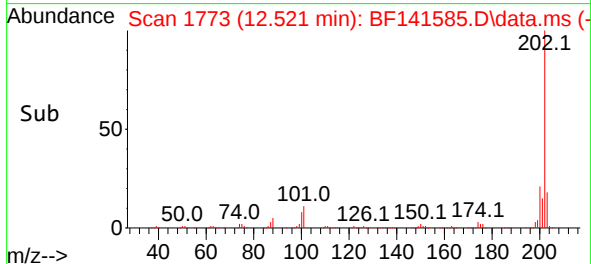
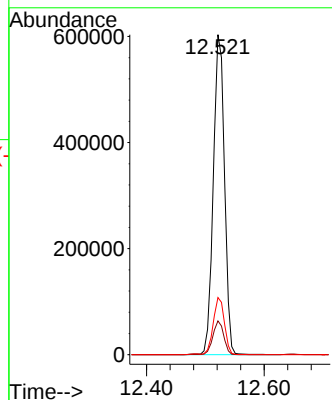
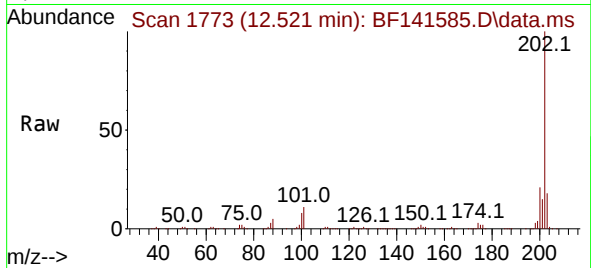




#75
Fluoranthene
Concen: 44.099 ng
RT: 12.521 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

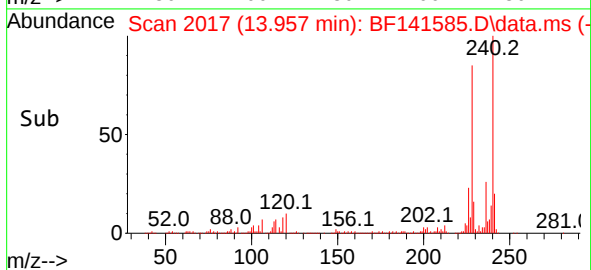
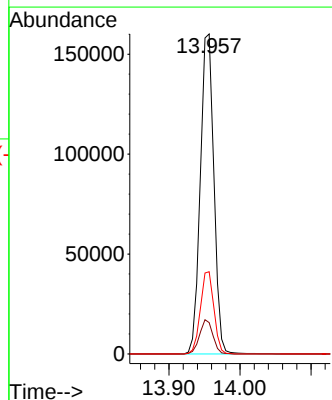
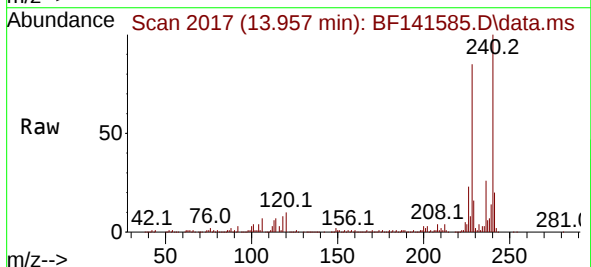
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

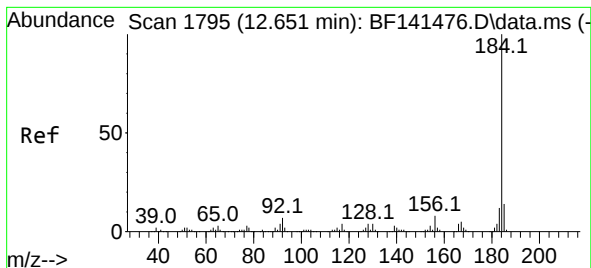
Tgt Ion:202 Resp: 795900
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.2
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:240 Resp: 213441
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.7 19.8 29.8





#77

Benzidine

Concen: 57.059 ng

RT: 12.645 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

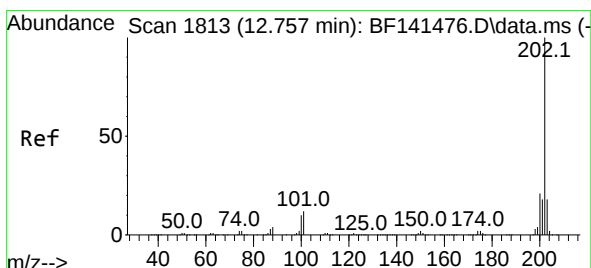
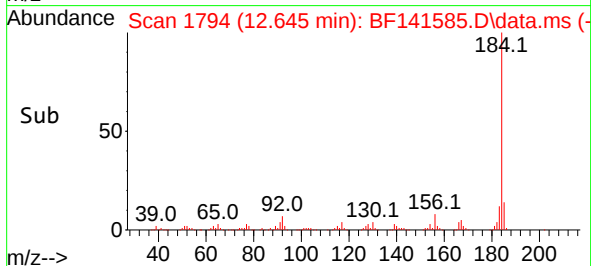
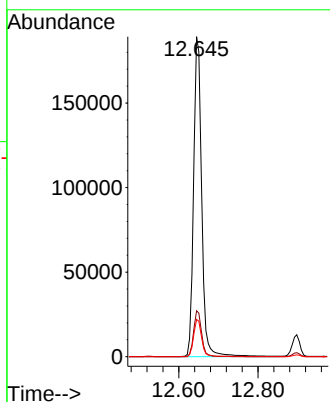
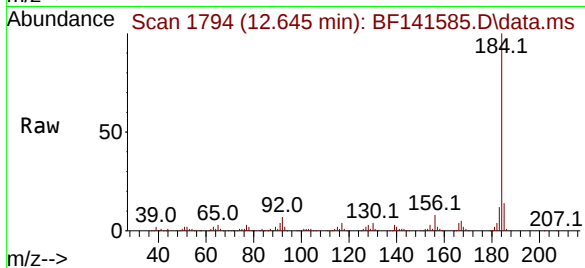
Tgt Ion:184 Resp: 268595

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

183 11.6 9.3 13.9



#78

Pyrene

Concen: 45.099 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

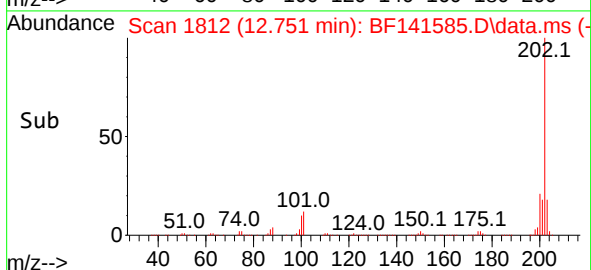
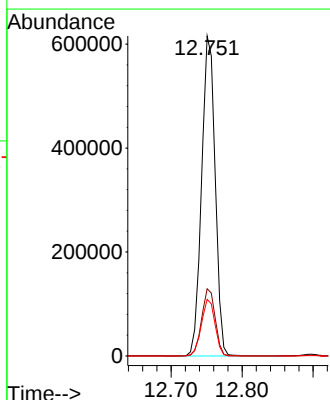
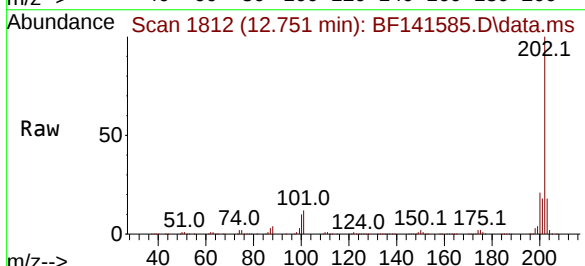
Tgt Ion:202 Resp: 819424

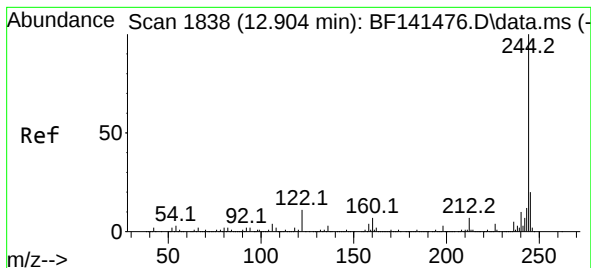
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 102.242 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

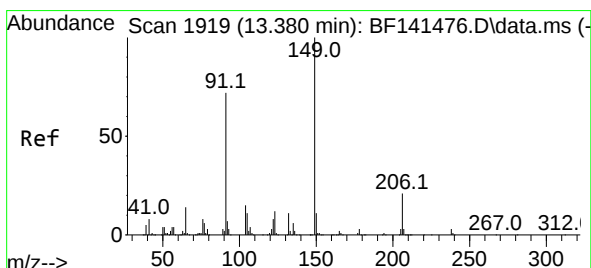
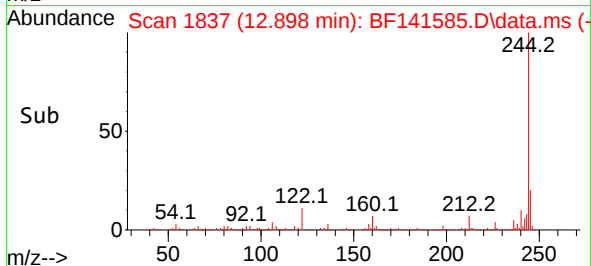
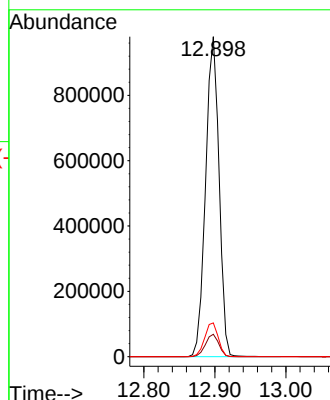
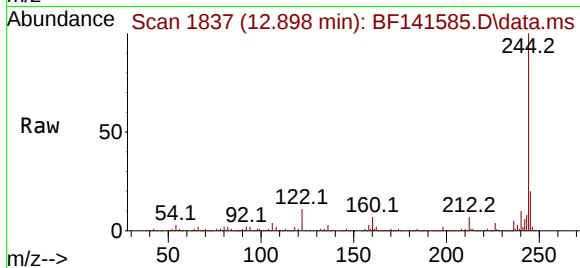
Tgt Ion:244 Resp: 1292682

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.5 8.4 12.6



#80

Butylbenzylphthalate

Concen: 48.396 ng

RT: 13.368 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

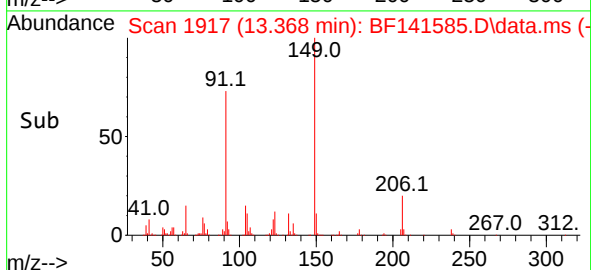
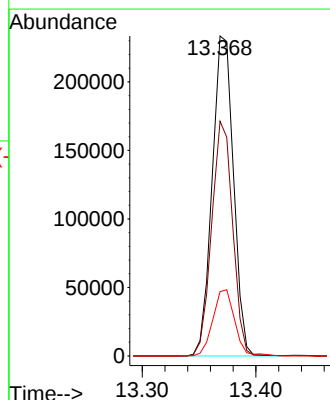
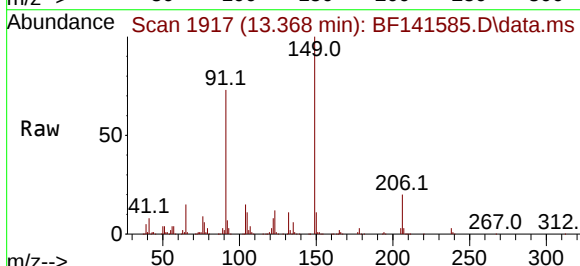
Tgt Ion:149 Resp: 304574

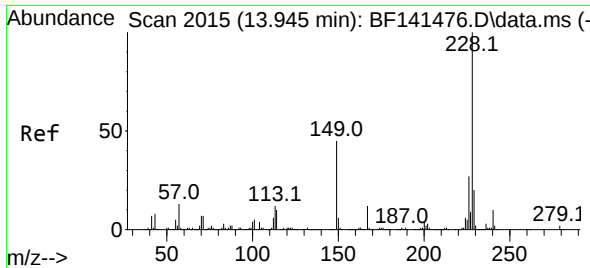
Ion Ratio Lower Upper

149 100

91 73.3 57.8 86.8

206 20.1 16.7 25.1

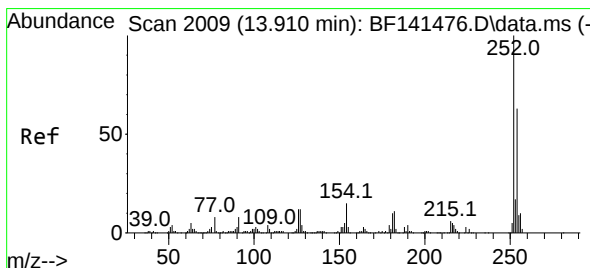
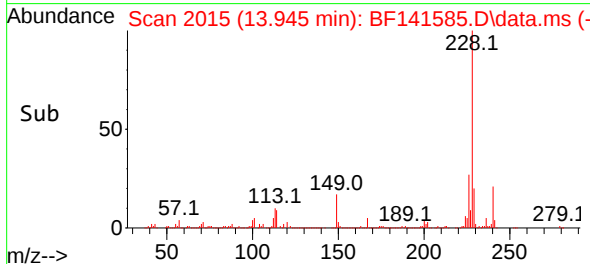
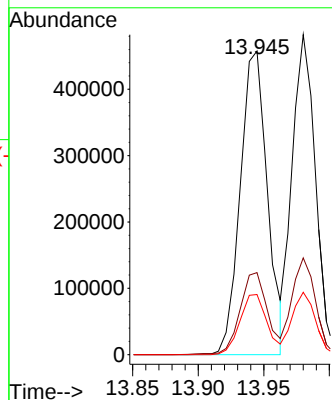
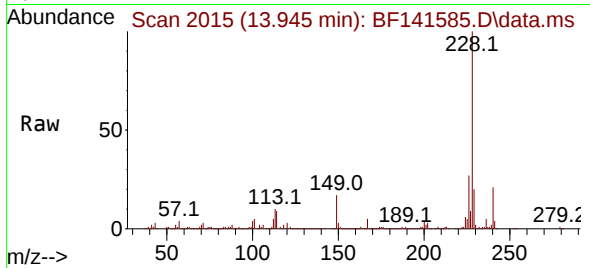




#81
Benzo(a)anthracene
Concen: 46.540 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

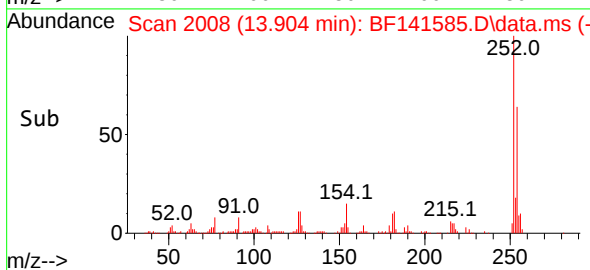
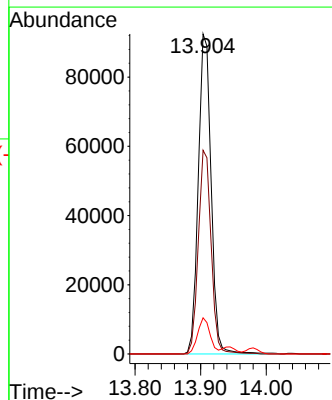
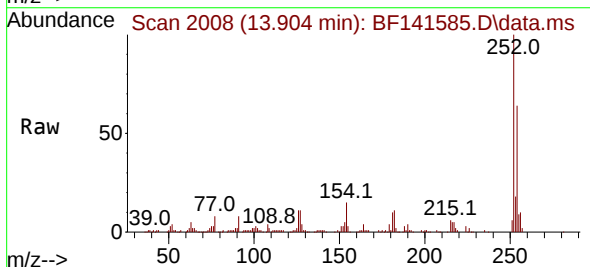
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

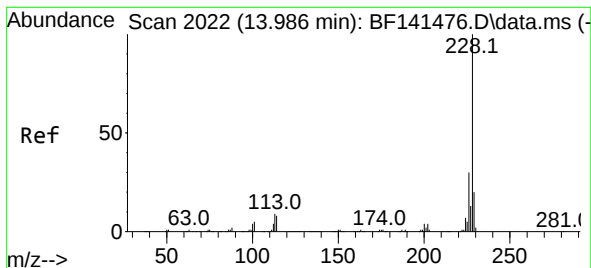
Tgt Ion:228 Resp: 660315
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 31.032 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:252 Resp: 126123
Ion Ratio Lower Upper
252 100
254 63.7 50.6 76.0
126 11.3 9.3 13.9





#83

Chrysene

Concen: 45.371 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

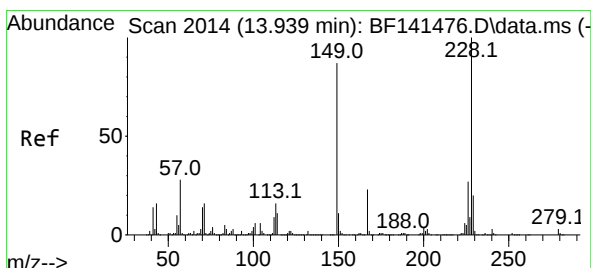
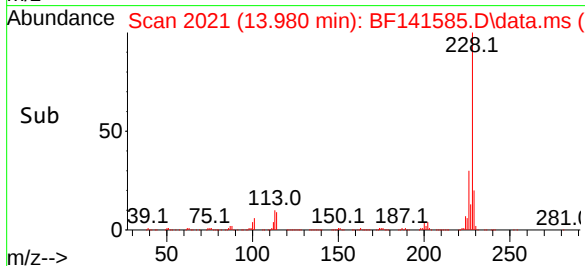
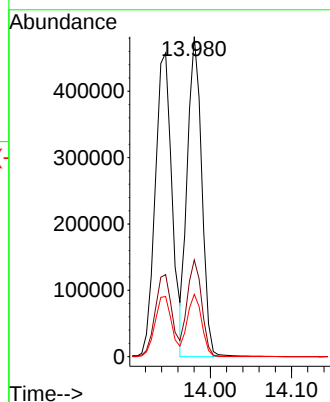
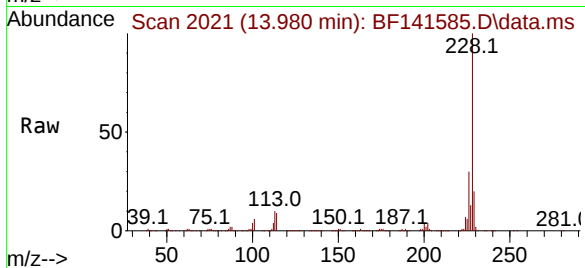
Tgt Ion:228 Resp: 594393

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.084 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

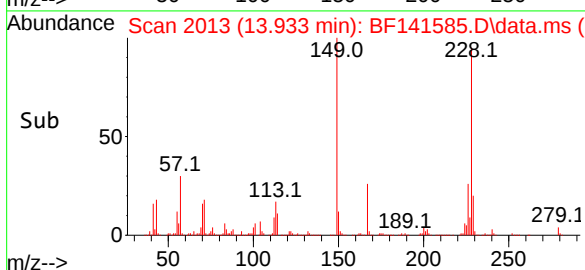
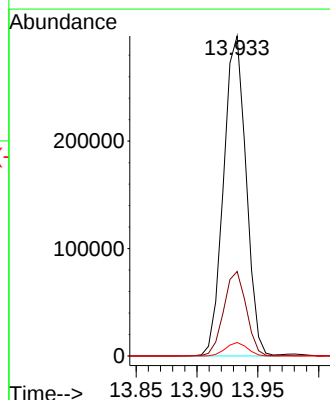
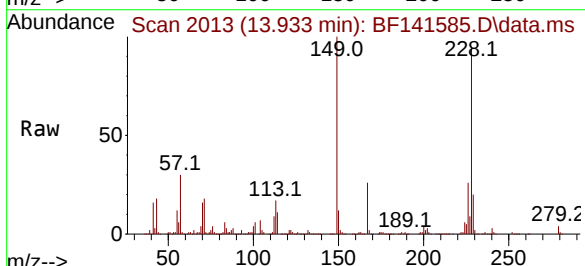
Tgt Ion:149 Resp: 383886

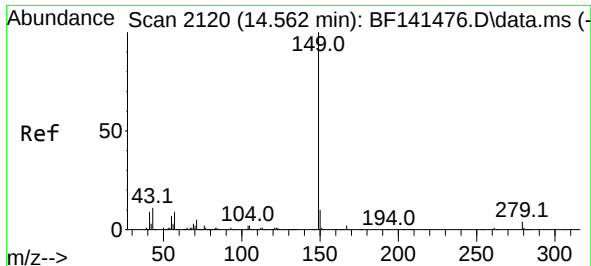
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.2 3.1 4.7

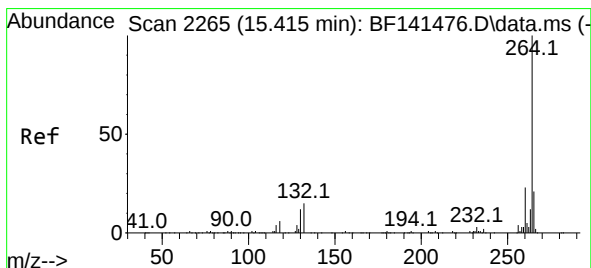
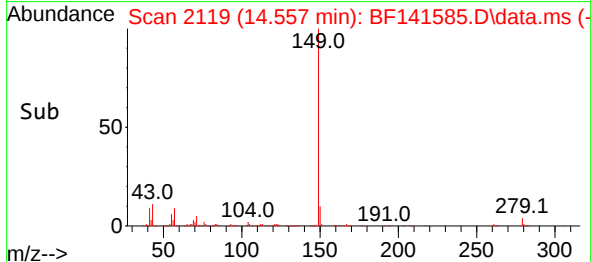
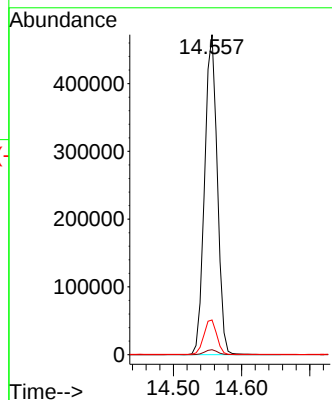
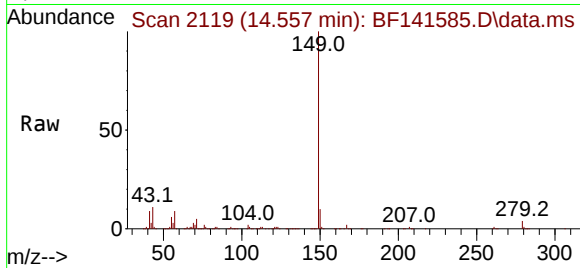




#85
Di-n-octyl phthalate
Concen: 60.289 ng
RT: 14.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

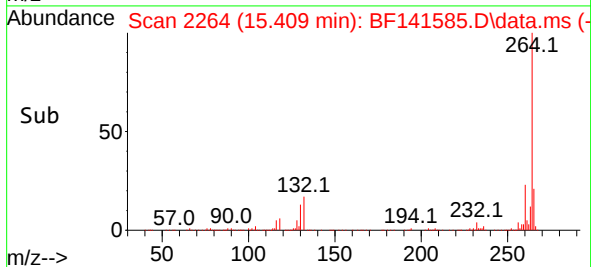
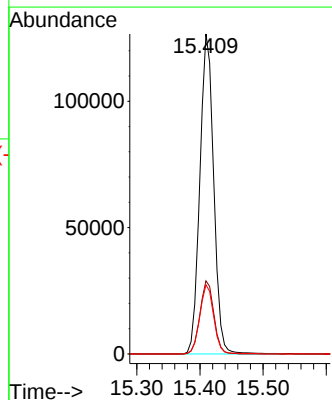
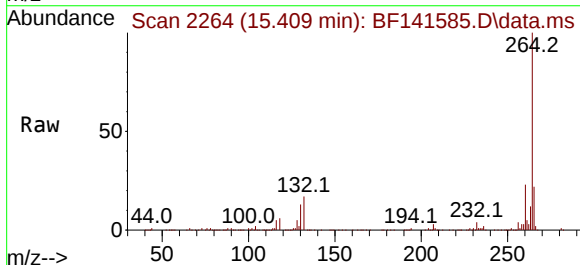
Instrument :
BNA_F
ClientSampleId :
PB166679BSD

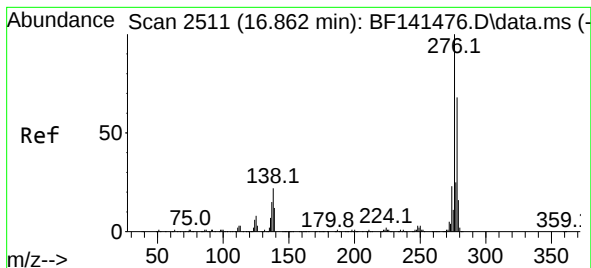
Tgt Ion:149 Resp: 610483
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:264 Resp: 193096
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.104 ng

RT: 16.862 min Scan# 2193

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

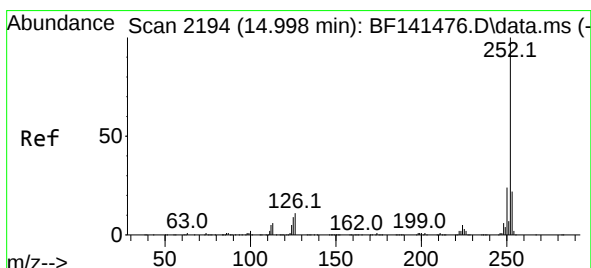
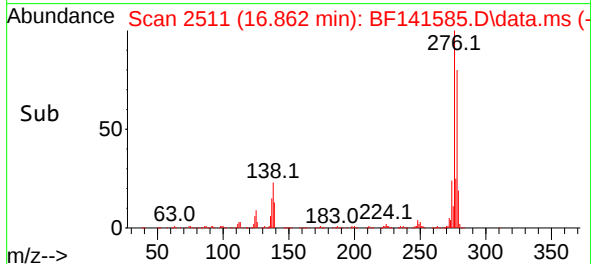
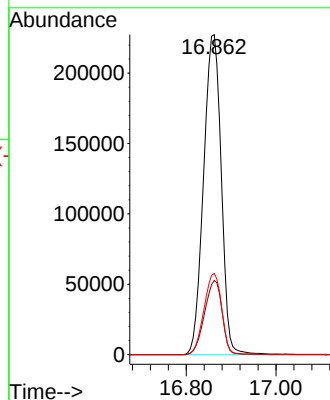
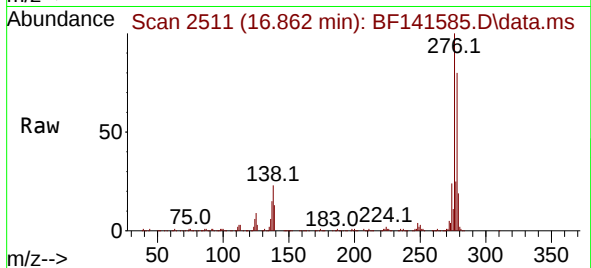
Tgt Ion:276 Resp: 621659

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.659 ng

RT: 14.992 min Scan# 2193

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

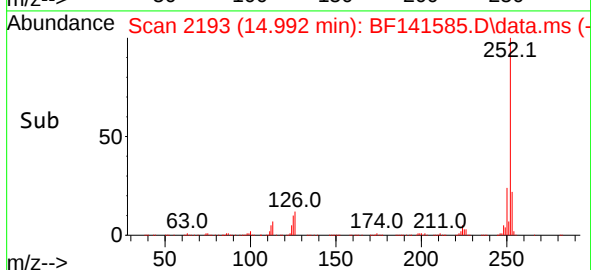
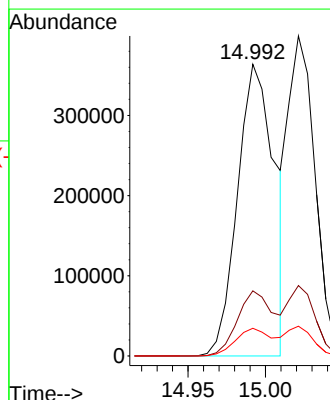
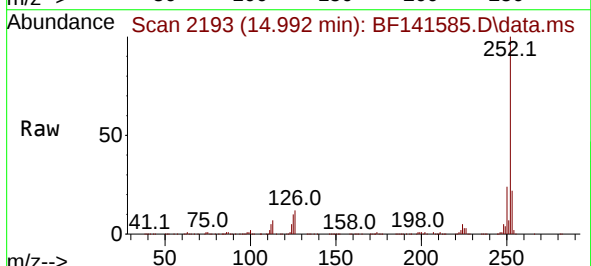
Tgt Ion:252 Resp: 604961

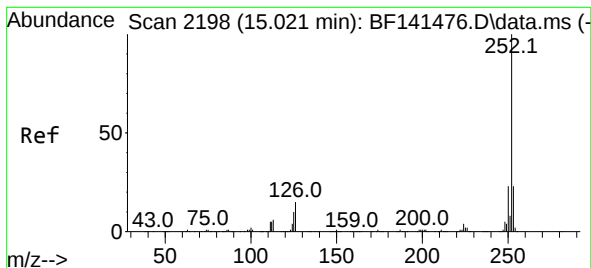
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.5 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 43.730 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166679BSD

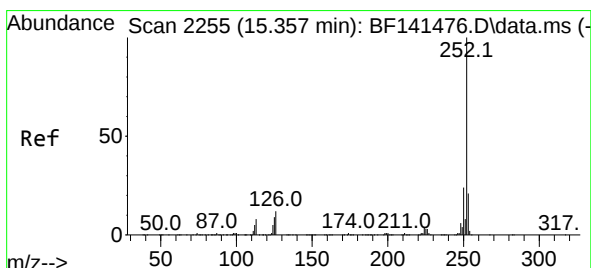
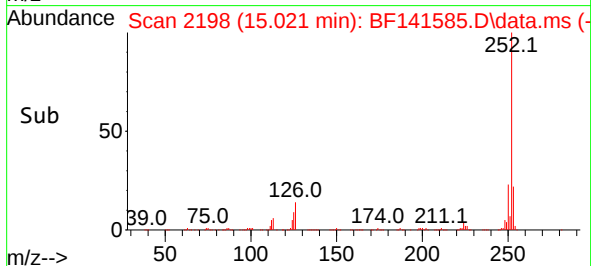
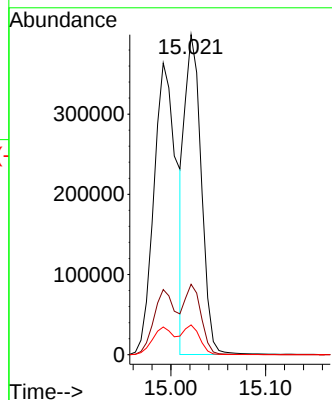
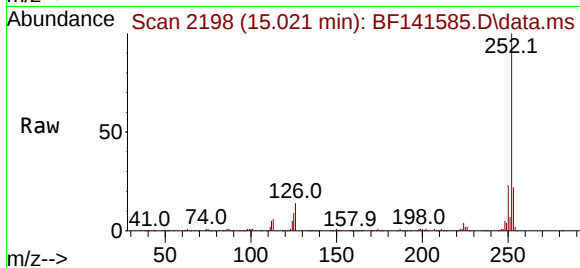
Tgt Ion:252 Resp: 484145

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 9.3 7.4 11.0



#90

Benzo(a)pyrene

Concen: 49.222 ng

RT: 15.351 min Scan# 2254

Delta R.T. -0.012 min

Lab File: BF141585.D

Acq: 12 Feb 2025 13:02

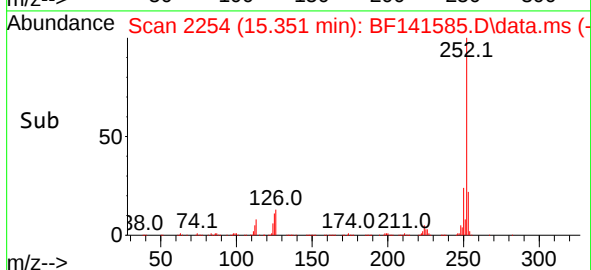
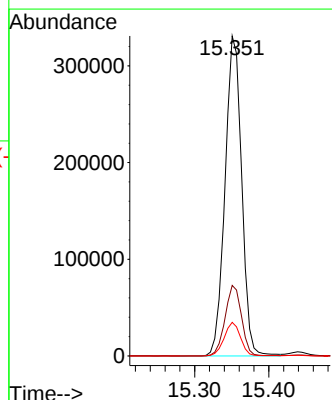
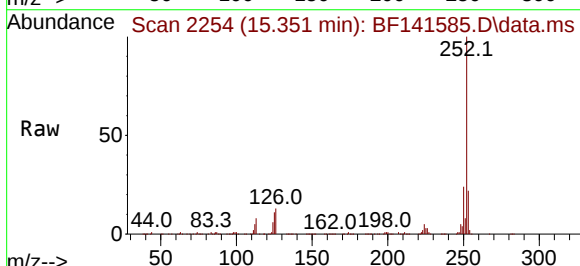
Tgt Ion:252 Resp: 516397

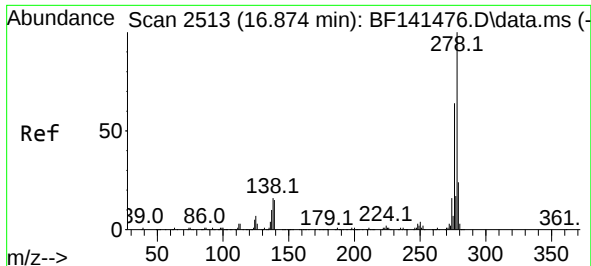
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 10.5 7.4 11.2

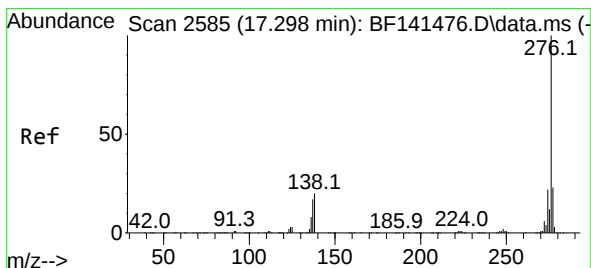
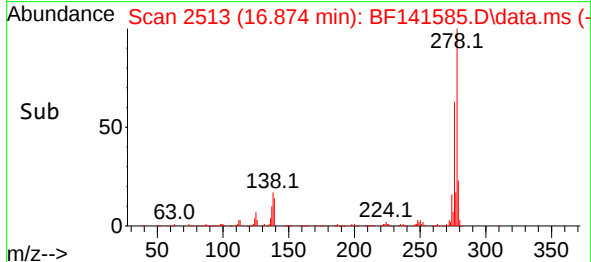
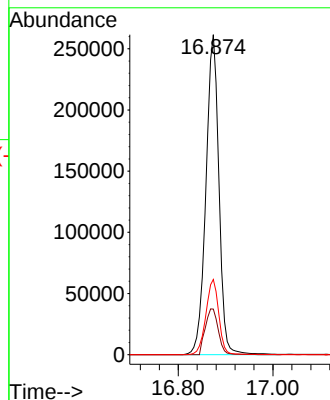
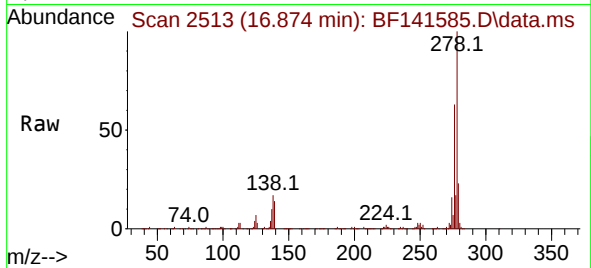




#91
Dibenzo(a,h)anthracene
Concen: 51.743 ng
RT: 16.874 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Instrument :
BNA_F
ClientSampleId :
PB166679BSD

Tgt Ion:278 Resp: 500233
Ion Ratio Lower Upper
278 100
139 14.3 11.8 17.6
279 23.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 47.618 ng
RT: 17.292 min Scan# 2584
Delta R.T. -0.024 min
Lab File: BF141585.D
Acq: 12 Feb 2025 13:02

Tgt Ion:276 Resp: 481741
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 20.1 15.9 23.9

