

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141655.D
 Acq On : 18 Feb 2025 10:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 18 10:59:54 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	6.781	152	112725	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	432015	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	226440	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	383246	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	218926	20.000	ng	-0.02
86) Perylene-d12	15.380	264	197651	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	587534	81.712	ng	0.00
7) Phenol-d6	6.428	99	717292	78.928	ng	-0.01
23) Nitrobenzene-d5	7.351	82	653281	78.872	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	184451	81.088	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1181147	80.362	ng	-0.01
79) Terphenyl-d14	12.886	244	1174122	90.538	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	117504	40.604	ng	96
3) Pyridine	3.216	79	286528	41.608	ng	97
4) n-Nitrosodimethylamine	3.175	42	177506	38.928	ng	94
6) Aniline	6.451	93	296570	34.789	ng	99
8) 2-Chlorophenol	6.575	128	309412	39.825	ng	100
9) Benzaldehyde	6.334	77	210121	43.509	ng	99
10) Phenol	6.445	94	371415	39.267	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	290422	40.878	ng	99
12) 1,3-Dichlorobenzene	6.722	146	330595	40.305	ng	98
13) 1,4-Dichlorobenzene	6.798	146	332061	39.624	ng	99
14) 1,2-Dichlorobenzene	6.957	146	312766	40.212	ng	99
15) Benzyl Alcohol	6.934	79	261366	37.504	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	440287	36.203	ng	83
17) 2-Methylphenol	7.051	107	234367	38.547	ng	96
18) Hexachloroethane	7.292	117	125002	40.304	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	204006	37.528	ng	95
20) 3+4-Methylphenols	7.204	107	295071	38.188	ng	# 85
22) Acetophenone	7.198	105	419847	39.068	ng	97
24) Nitrobenzene	7.369	77	317738	39.340	ng	100
25) Isophorone	7.610	82	512290	38.790	ng	99
26) 2-Nitrophenol	7.686	139	163736	40.747	ng	95
27) 2,4-Dimethylphenol	7.728	122	189175	40.299	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	336141	39.721	ng	100
29) 2,4-Dichlorophenol	7.934	162	259764	40.955	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	278571	40.332	ng	99
31) Naphthalene	8.086	128	894352	39.770	ng	100
32) Benzoic acid	7.869	122	175070	35.905	ng	99
33) 4-Chloroaniline	8.145	127	299491	38.145	ng	98
34) Hexachlorobutadiene	8.204	225	168936	40.742	ng	99
35) Caprolactam	8.516	113	76278	39.499	ng	92
36) 4-Chloro-3-methylphenol	8.633	107	272522	38.789	ng	98
37) 2-Methylnaphthalene	8.775	142	575443	39.323	ng	99
38) 1-Methylnaphthalene	8.875	142	548779	38.720	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	269823	41.187	ng	99
41) Hexachlorocyclopentadiene	8.928	237	75901	34.833	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	172682	40.783	ng	100

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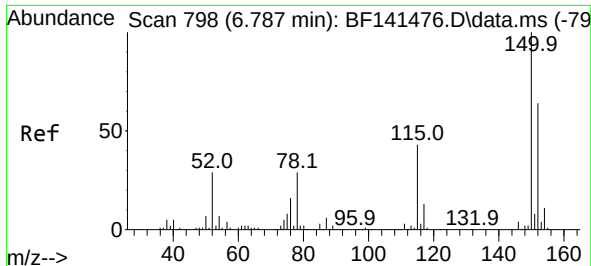
Quant Time: Feb 18 10:59:54 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	185554	40.436	ng	98
46) 1,1'-Biphenyl	9.239	154	712857	40.606	ng	100
47) 2-Chloronaphthalene	9.269	162	527002	40.596	ng	99
48) 2-Nitroaniline	9.369	65	171194	39.294	ng	97
49) Acenaphthylene	9.680	152	774337	40.103	ng	99
50) Dimethylphthalate	9.545	163	624216	40.606	ng	100
51) 2,6-Dinitrotoluene	9.610	165	135682	40.375	ng	98
52) Acenaphthene	9.851	154	517922	39.898	ng	99
53) 3-Nitroaniline	9.780	138	141694	39.175	ng	98
54) 2,4-Dinitrophenol	9.892	184	71652	35.875	ng	94
55) Dibenzofuran	10.022	168	755210	39.635	ng	100
56) 4-Nitrophenol	9.957	139	115756	43.113	ng	94
57) 2,4-Dinitrotoluene	10.016	165	177455	39.667	ng	96
58) Fluorene	10.369	166	588202	39.925	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	159517	40.377	ng	96
60) Diethylphthalate	10.239	149	604026	39.937	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	287690	40.591	ng	99
62) 4-Nitroaniline	10.392	138	116201	31.639	ng	99
63) Azobenzene	10.522	77	597208	39.719	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	105443	39.607	ng	98
66) n-Nitrosodiphenylamine	10.480	169	496381	40.461	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	174095	40.645	ng	94
68) Hexachlorobenzene	10.916	284	179321	40.657	ng	100
69) Atrazine	11.010	200	120966	32.867	ng	98
70) Pentachlorophenol	11.116	266	101069	35.837	ng	99
71) Phenanthrene	11.327	178	836194	39.638	ng	100
72) Anthracene	11.380	178	847750	39.976	ng	100
73) Carbazole	11.539	167	741591	38.864	ng	100
74) Di-n-butylphthalate	11.863	149	896373	40.684	ng	100
75) Fluoranthene	12.516	202	841010	37.602	ng	100
77) Benzidine	12.663	184	61094	12.653	ng	98
78) Pyrene	12.745	202	837591	44.944	ng	99
80) Butylbenzylphthalate	13.363	149	293146	45.413	ng	97
81) Benzo(a)anthracene	13.933	228	584422	40.159	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	144611	34.690	ng	98
83) Chrysene	13.968	228	537527	40.003	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	347240	47.695	ng	100
85) Di-n-octyl phthalate	14.533	149	495232	47.682	ng	100
87) Indeno(1,2,3-cd)pyrene	16.821	276	559741	45.833	ng	99
88) Benzo(b)fluoranthene	14.968	252	493072	37.153	ng	100
89) Benzo(k)fluoranthene	14.998	252	469230	41.406	ng	98
90) Benzo(a)pyrene	15.321	252	429129	39.961	ng	99
91) Dibenzo(a,h)anthracene	16.833	278	454381	45.917	ng	99
92) Benzo(g,h,i)perylene	17.251	276	478556	46.213	ng	99

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

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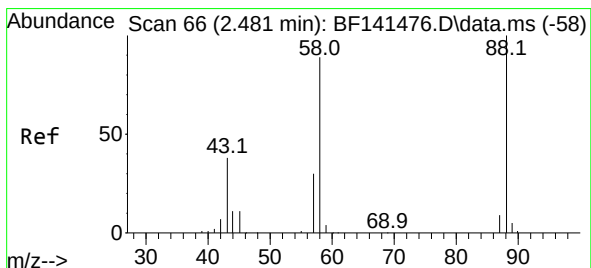
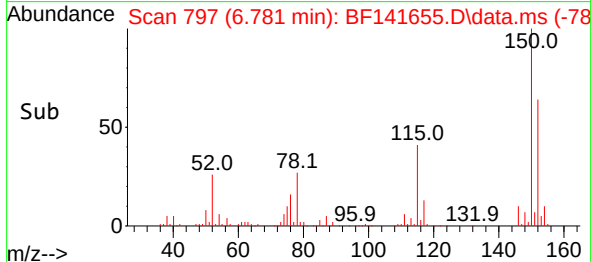
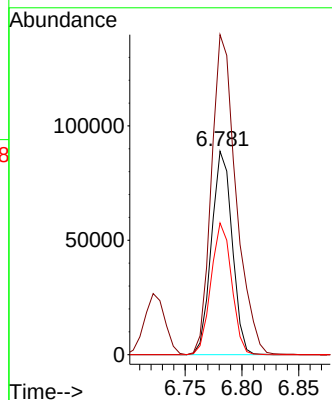
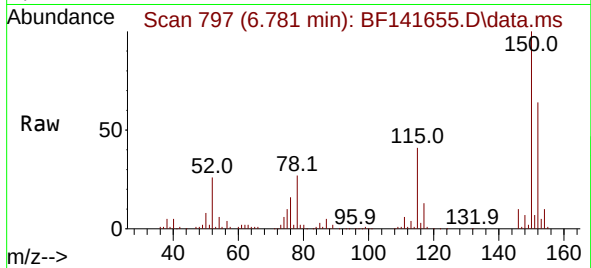




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141655.D
 Acq: 18 Feb 2025 10:20

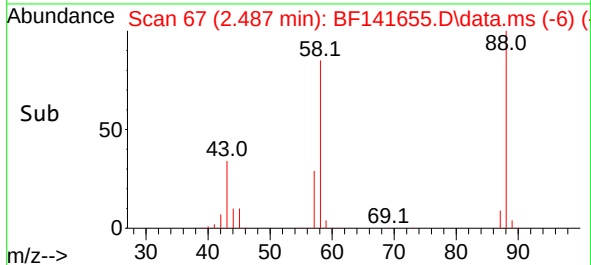
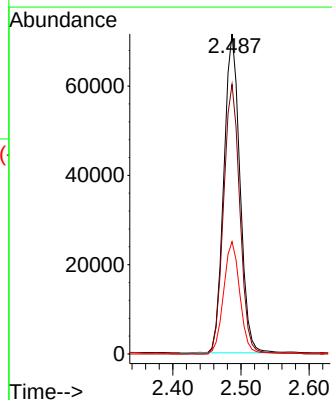
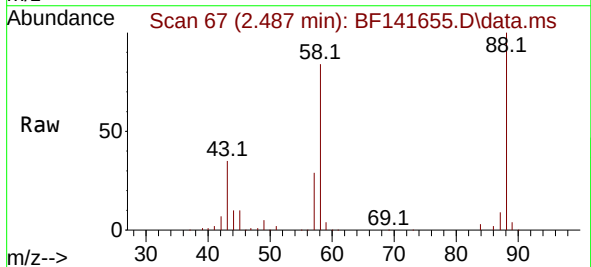
Instrument :
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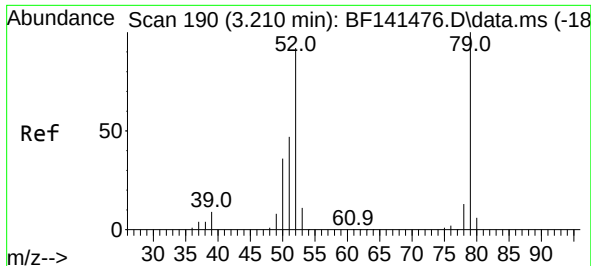
Tgt Ion:152 Resp: 112725
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.0 187.4
 115 64.8 53.6 80.4



#2
 1,4-Dioxane
 Concen: 40.604 ng
 RT: 2.487 min Scan# 67
 Delta R.T. 0.006 min
 Lab File: BF141655.D
 Acq: 18 Feb 2025 10:20

Tgt Ion: 88 Resp: 117504
 Ion Ratio Lower Upper
 88 100
 58 85.6 71.1 106.7
 43 35.8 30.6 46.0

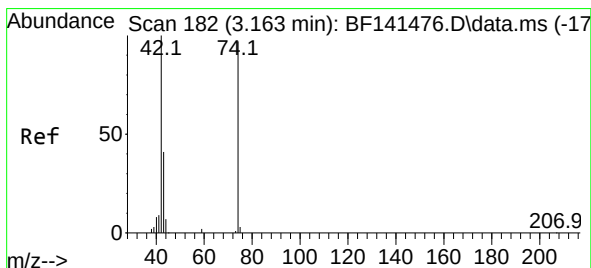
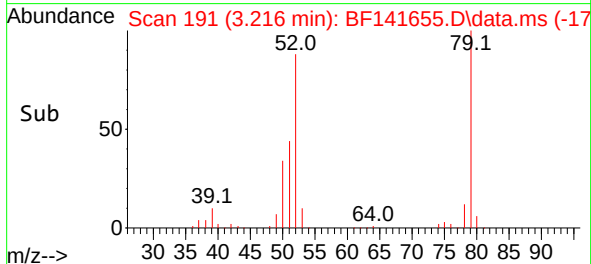
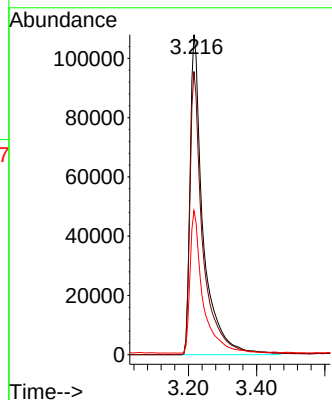
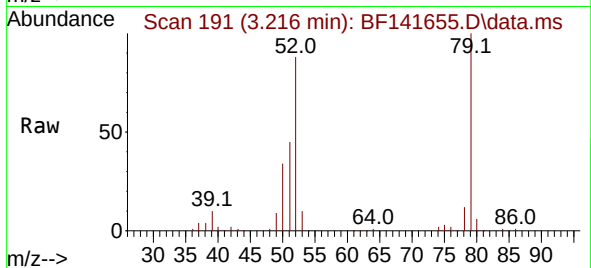




#3
Pyridine
Concen: 41.608 ng
RT: 3.216 min Scan# 190
Delta R.T. 0.000 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

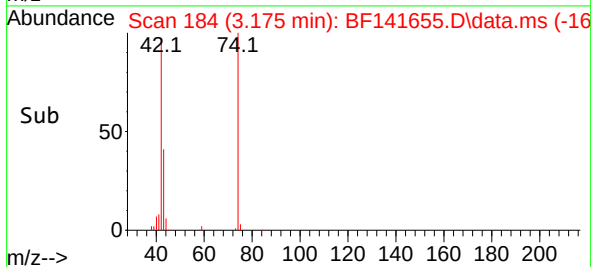
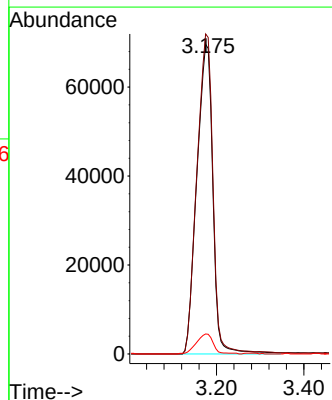
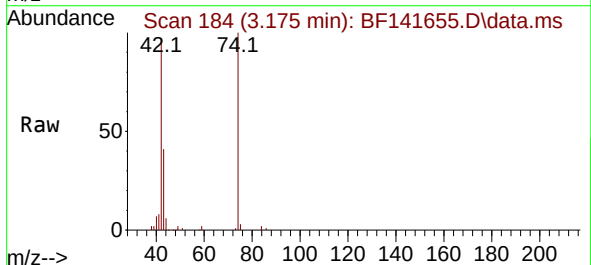
Instrument :
BNA_F
ClientSampleId :
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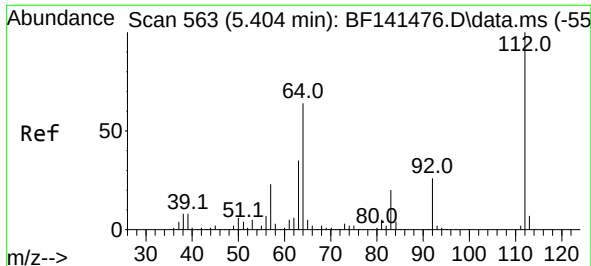
Tgt Ion: 79 Resp: 286528
Ion Ratio Lower Upper
79 100
52 88.5 73.7 110.5
51 45.0 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 38.928 ng
RT: 3.175 min Scan# 184
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion: 42 Resp: 177506
Ion Ratio Lower Upper
42 100
74 103.3 78.0 117.0
44 6.4 5.4 8.2

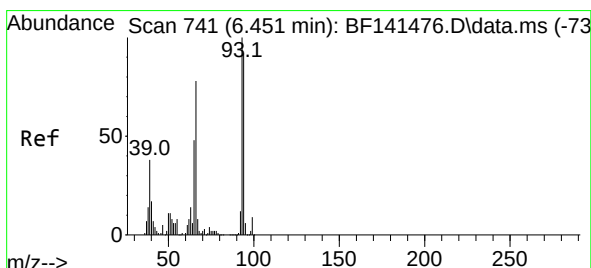
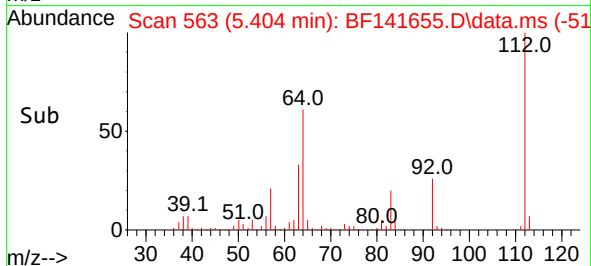
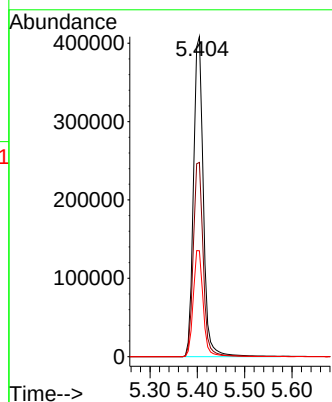
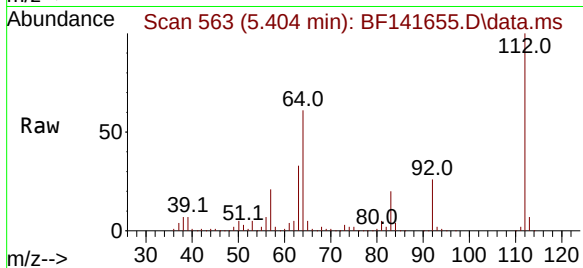




#5
2-Fluorophenol
Concen: 81.712 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

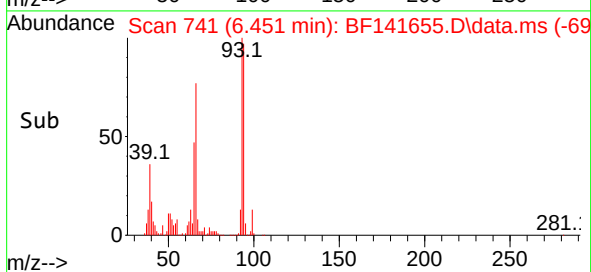
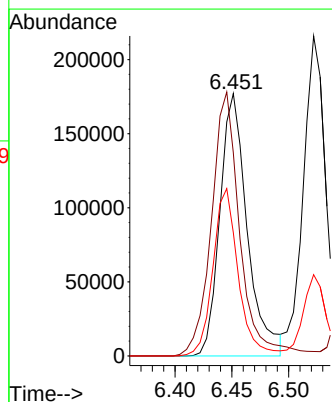
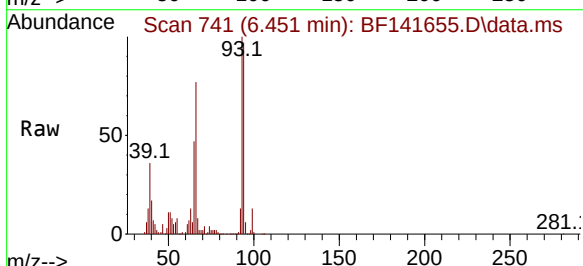
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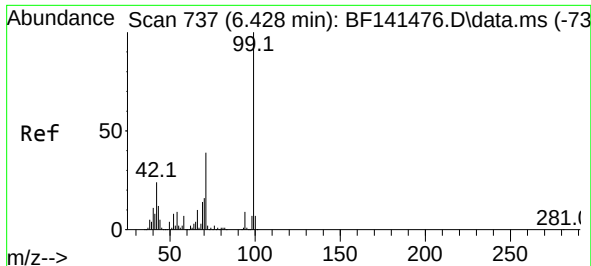
Tgt Ion:112 Resp: 587534
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 33.1 28.4 42.6



#6
Aniline
Concen: 34.789 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion: 93 Resp: 296570
Ion Ratio Lower Upper
93 100
66 77.4 62.6 94.0
65 47.0 38.3 57.5

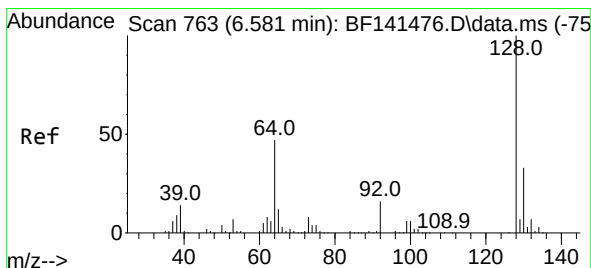
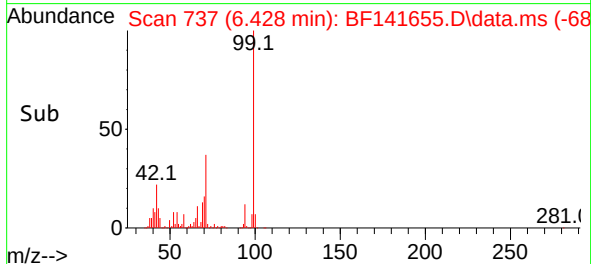
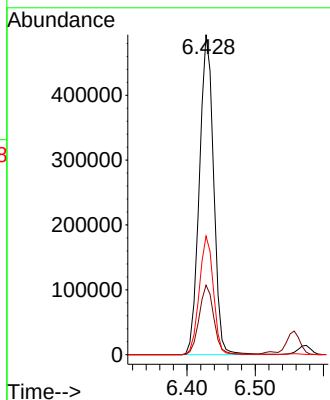
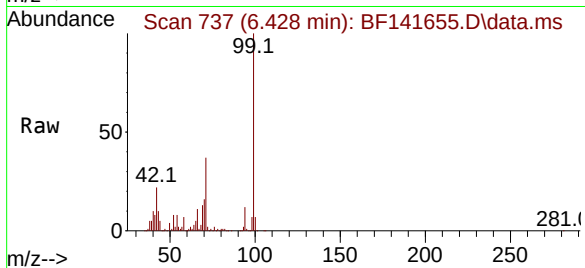




#7
Phenol-d6
Concen: 78.928 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

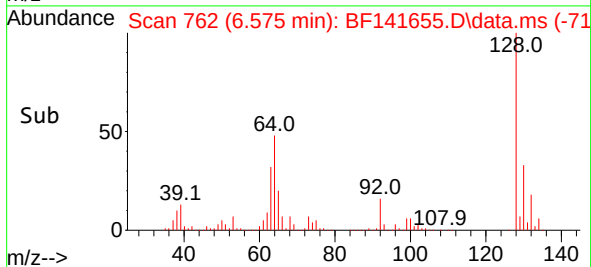
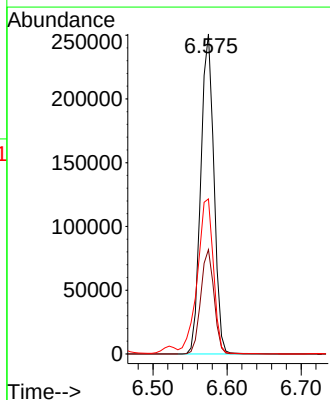
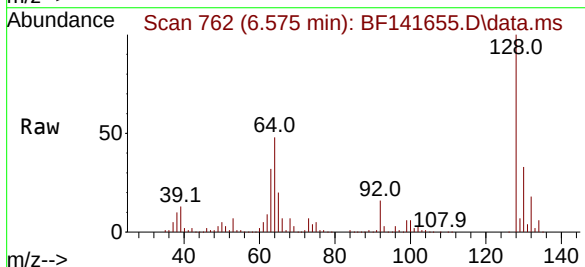
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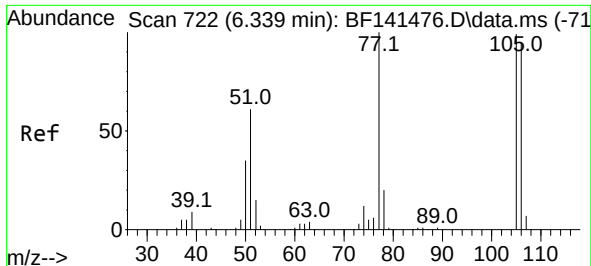
Tgt Ion: 99 Resp: 717292
Ion Ratio Lower Upper
99 100
42 21.7 19.1 28.7
71 37.0 31.1 46.7



#8
2-Chlorophenol
Concen: 39.825 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion: 128 Resp: 309412
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 48.4 28.3 68.3





#9

Benzaldehyde

Concen: 43.509 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

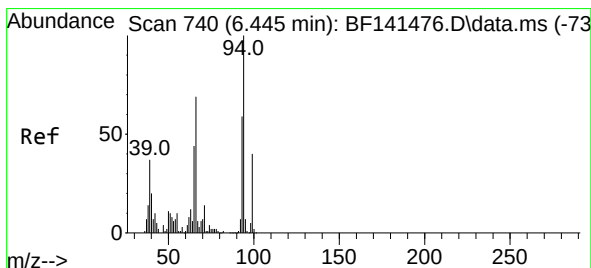
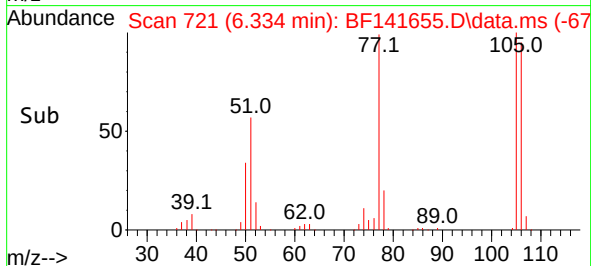
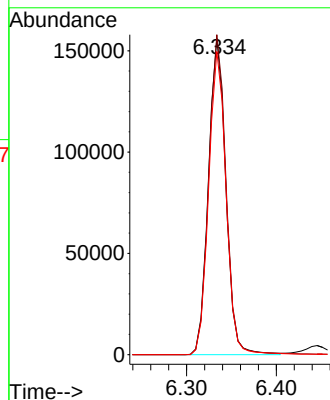
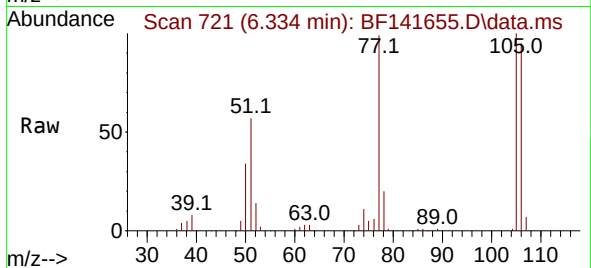
Tgt Ion: 77 Resp: 210121

Ion Ratio Lower Upper

77 100

105 101.1 79.4 119.4

106 95.9 75.1 115.1



#10

Phenol

Concen: 39.267 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

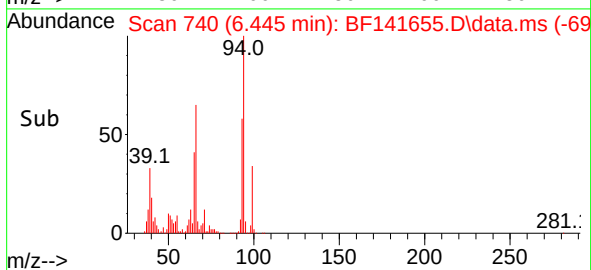
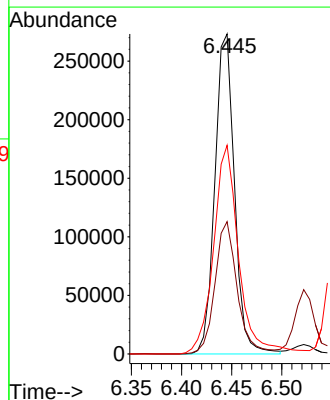
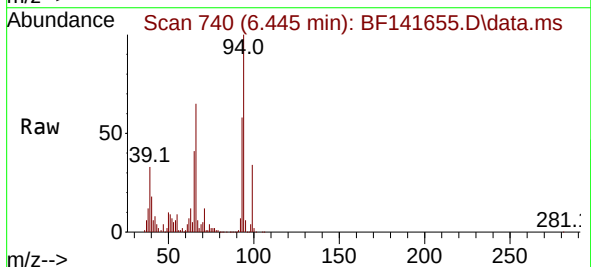
Tgt Ion: 94 Resp: 371415

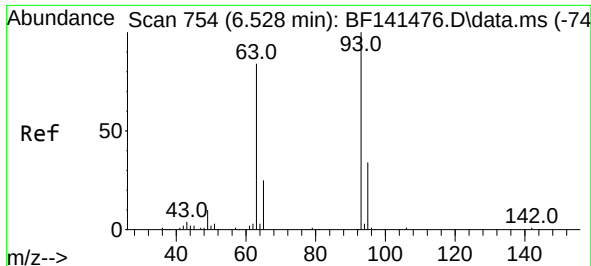
Ion Ratio Lower Upper

94 100

65 41.4 23.7 63.7

66 65.2 49.3 89.3

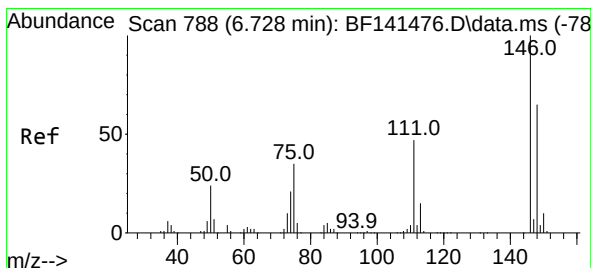
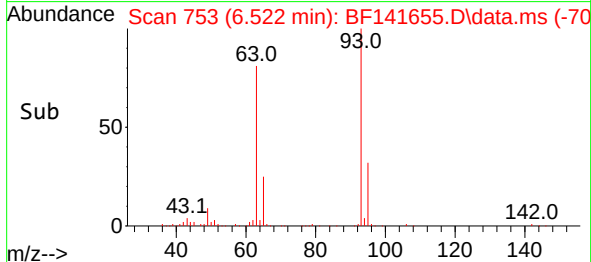
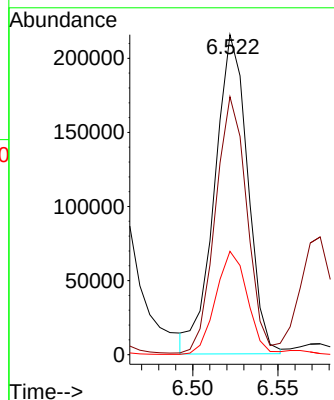
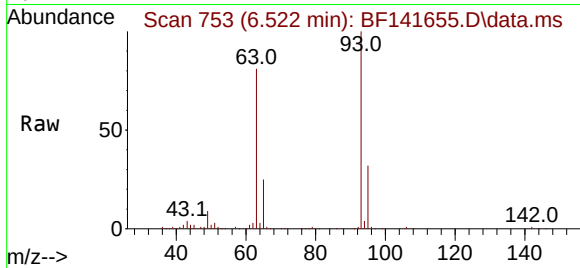




#11
bis(2-Chloroethyl)ether
Concen: 40.878 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

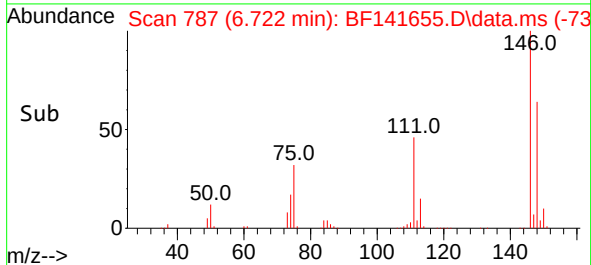
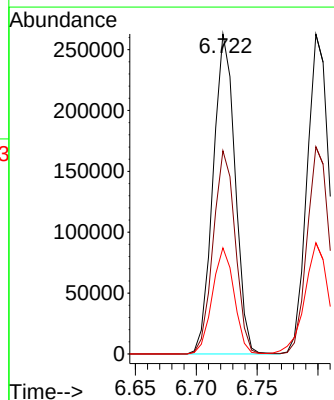
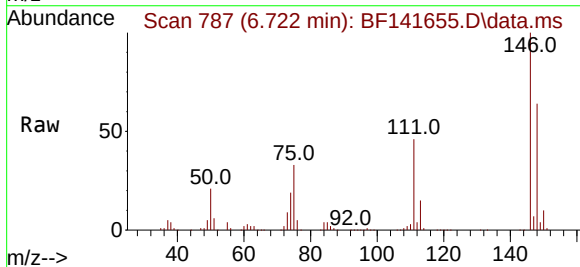
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

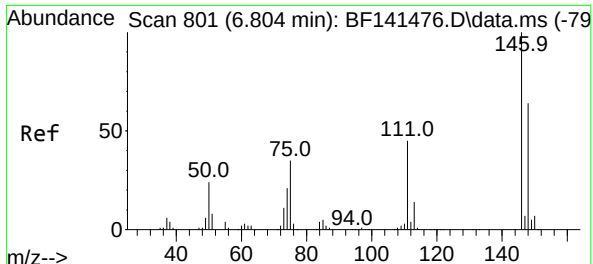
Tgt Ion: 93 Resp: 290422
Ion Ratio Lower Upper
93 100
63 80.6 62.0 102.0
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.305 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:146 Resp: 330595
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
75 33.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.624 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

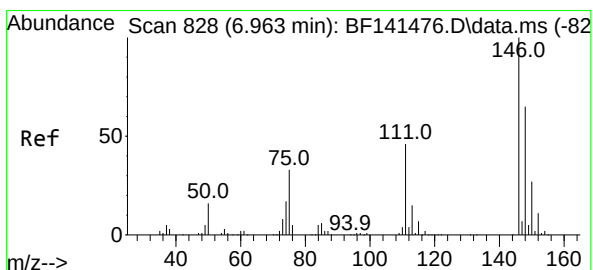
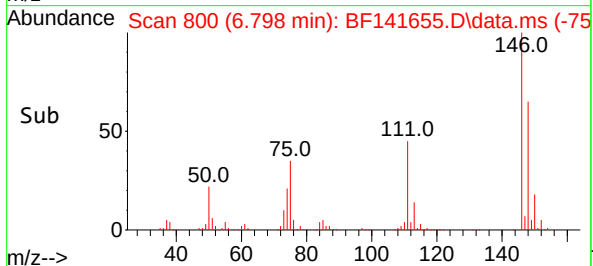
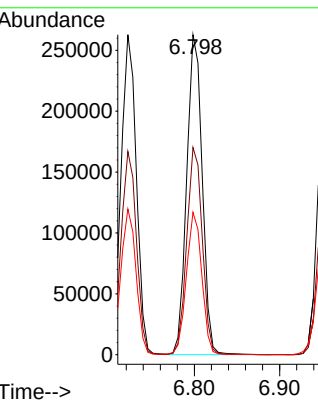
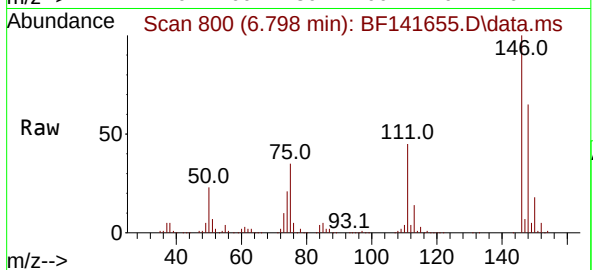
Tgt Ion:146 Resp: 332061

Ion Ratio Lower Upper

146 100

148 64.8 50.9 76.3

111 44.5 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 40.212 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

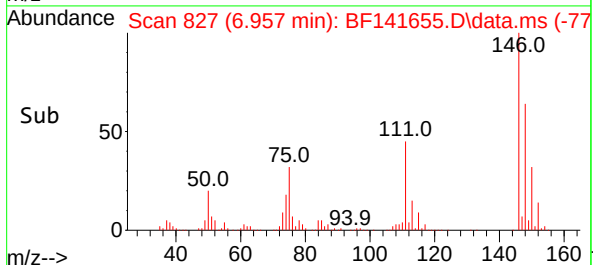
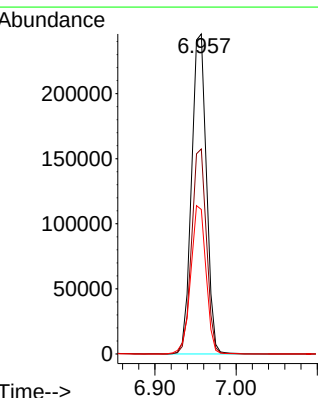
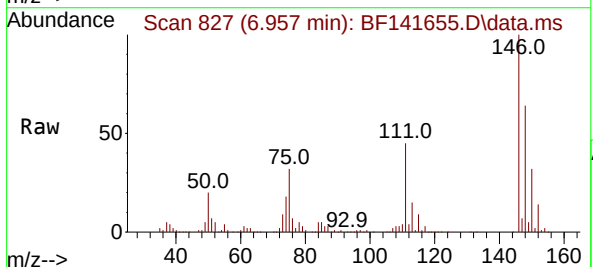
Tgt Ion:146 Resp: 312766

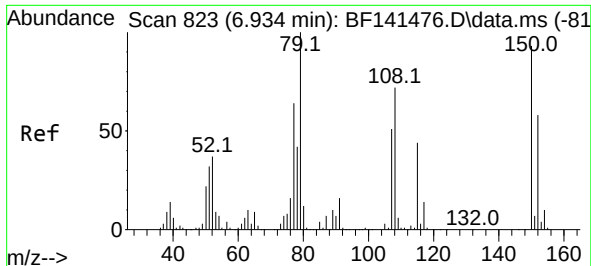
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

111 45.2 37.0 55.4

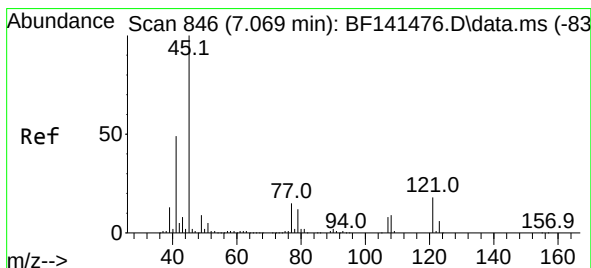
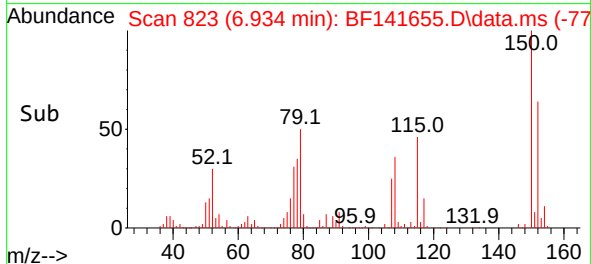
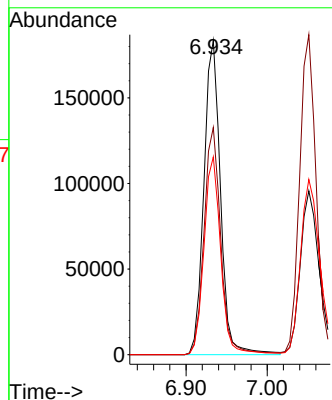
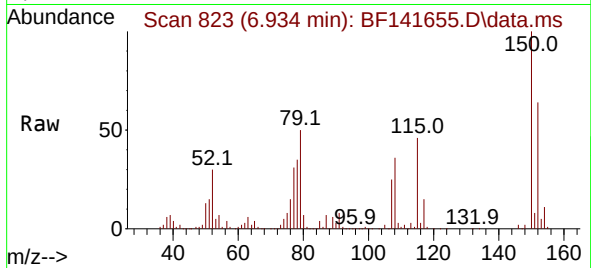




#15
Benzyl Alcohol
Concen: 37.504 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

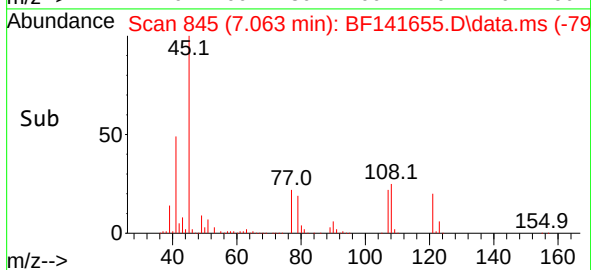
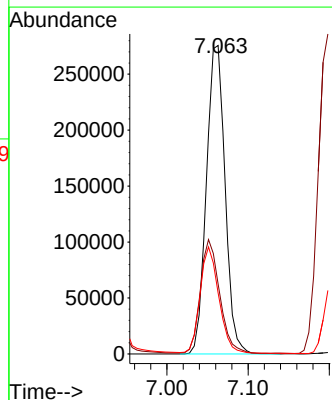
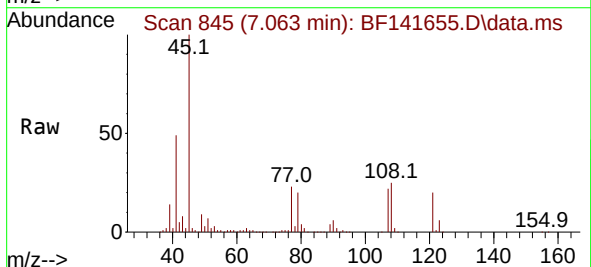
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

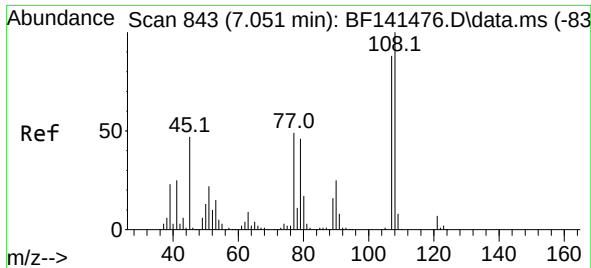
Tgt Ion: 79 Resp: 261366
Ion Ratio Lower Upper
79 100
108 72.3 57.4 86.2
77 62.9 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.203 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion: 45 Resp: 440287
Ion Ratio Lower Upper
45 100
77 22.6 0.0 35.8
79 19.7 0.0 32.7

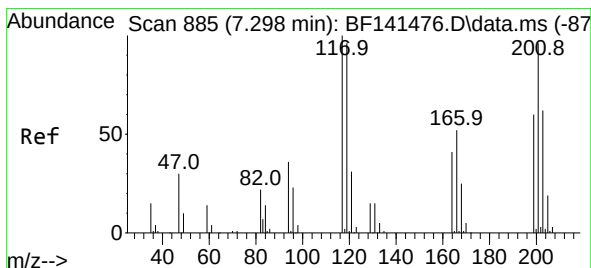
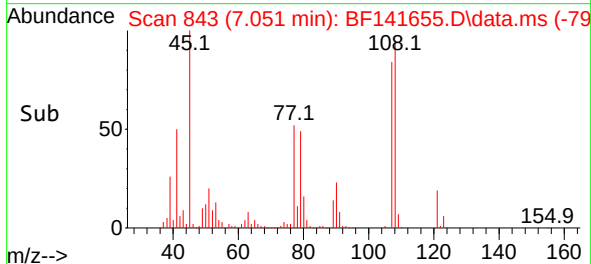
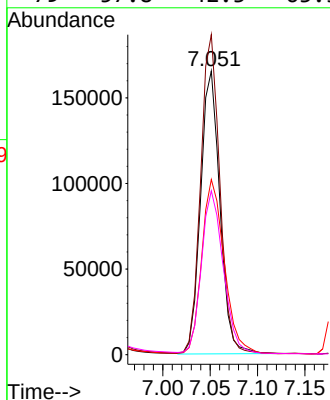
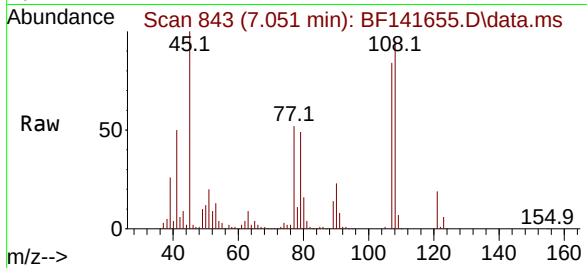




#17
2-Methylphenol
Concen: 38.547 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

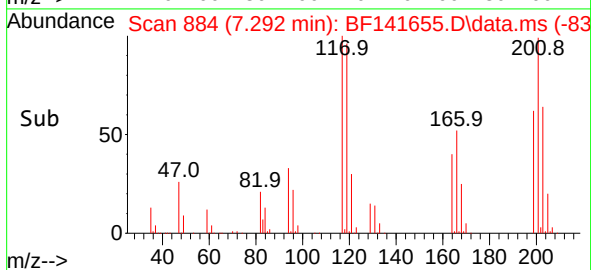
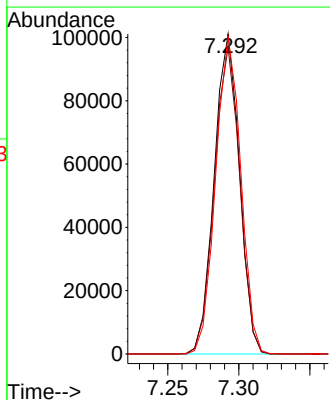
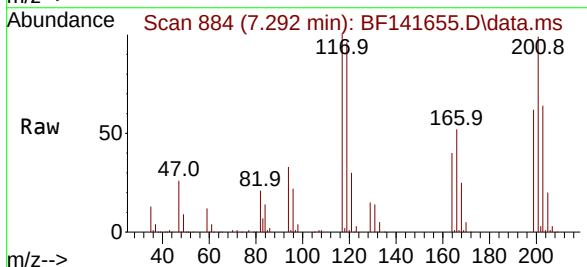
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

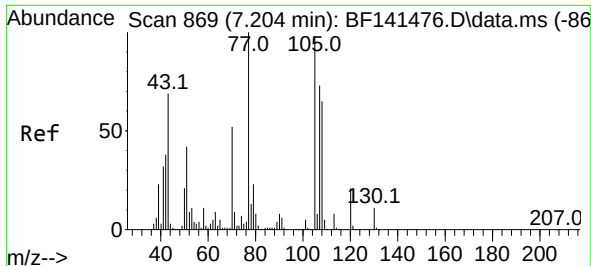
Tgt Ion:	107	Resp:	234367
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.6	136.0
77	61.8	44.4	66.6
79	57.8	42.3	63.5



#18
Hexachloroethane
Concen: 40.304 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:	117	Resp:	125002
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
201	99.2	76.7	115.1

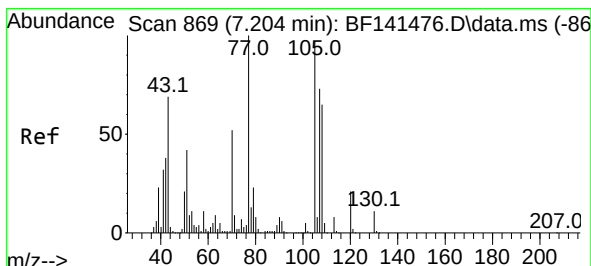
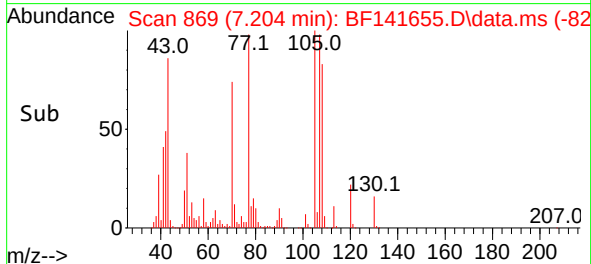
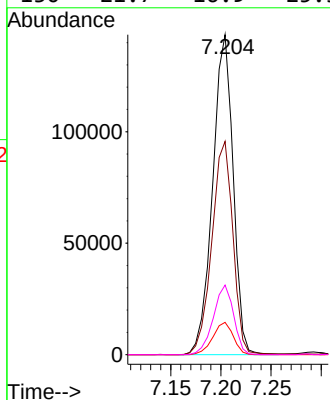
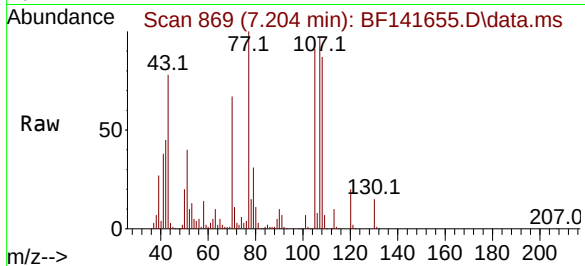




#19
n-Nitroso-di-n-propylamine
Concen: 37.528 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

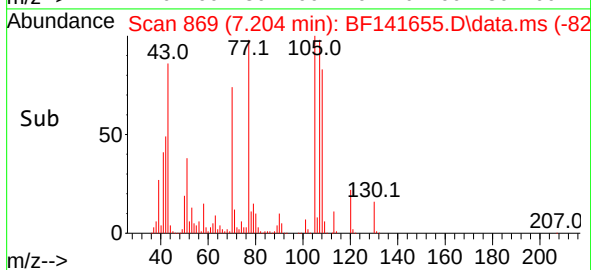
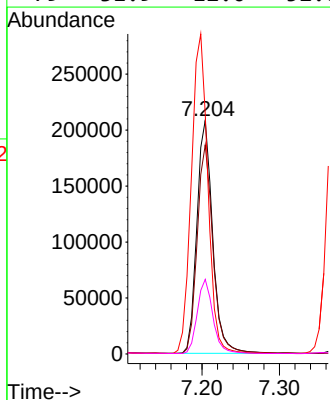
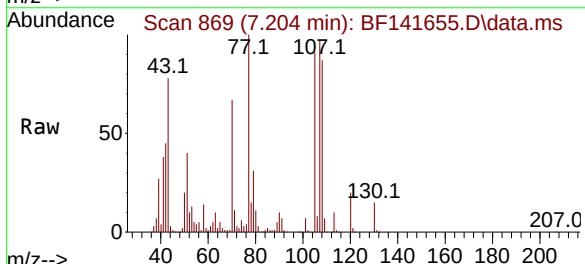
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

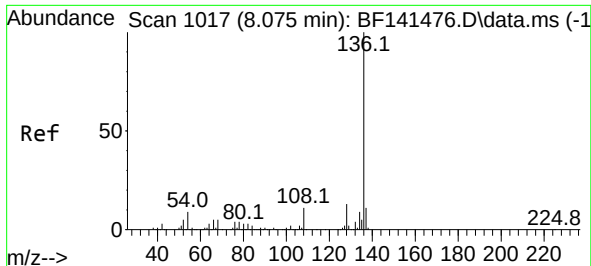
Tgt Ion: 70 Resp: 204006
Ion Ratio Lower Upper
70 100
42 66.6 57.4 86.2
101 10.1 8.0 12.0
130 21.7 16.9 25.3



#20
3+4-Methylphenols
Concen: 38.188 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion: 107 Resp: 295071
Ion Ratio Lower Upper
107 100
108 89.5 68.5 108.5
77 102.7 116.5 156.5#
79 31.9 12.0 52.0

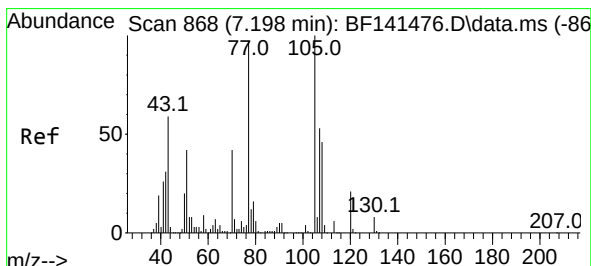
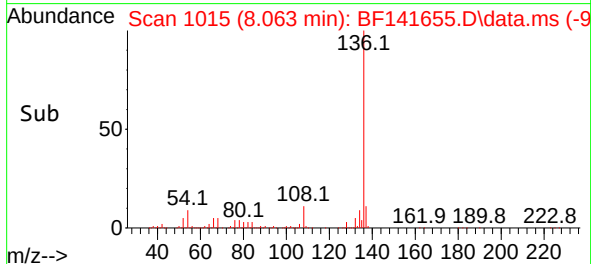
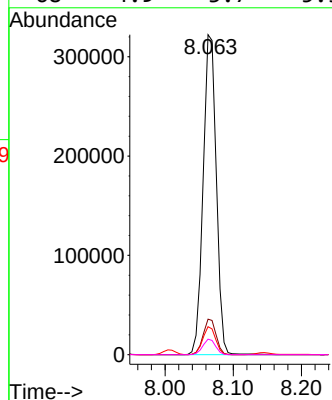
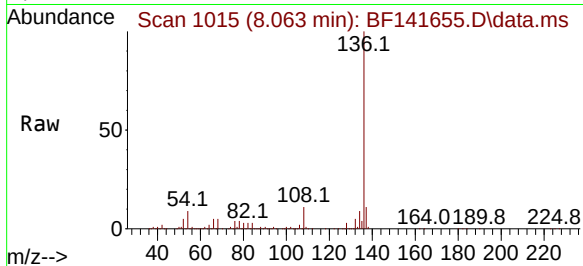




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

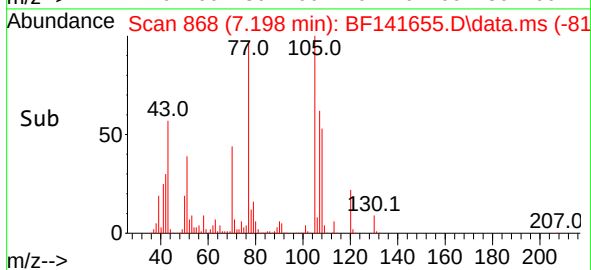
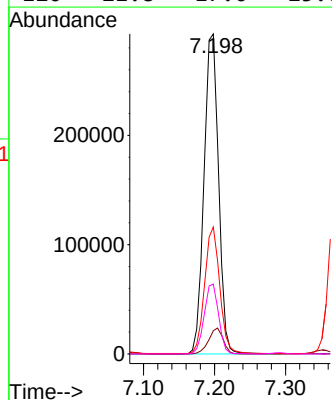
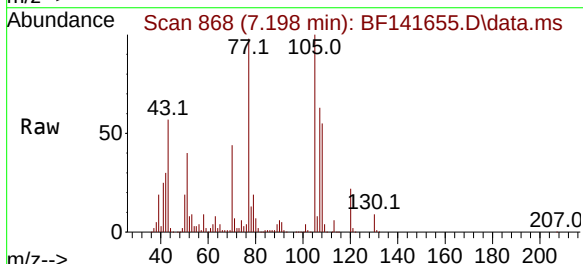
Instrument :
BNA_F
ClientSampleId :
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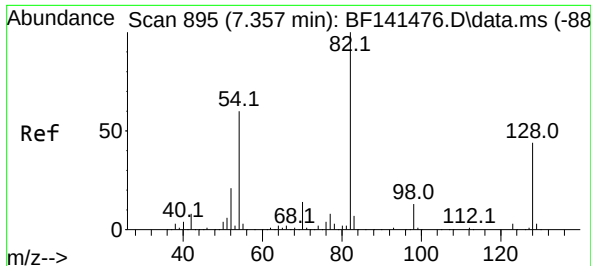
Tgt Ion:136 Resp: 432015
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.8 7.2 10.8
68 4.9 3.7 5.5



#22
Acetophenone
Concen: 39.068 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:105 Resp: 419847
Ion Ratio Lower Upper
105 100
71 7.3 5.7 8.5
51 39.7 33.7 50.5
120 21.8 17.0 25.6

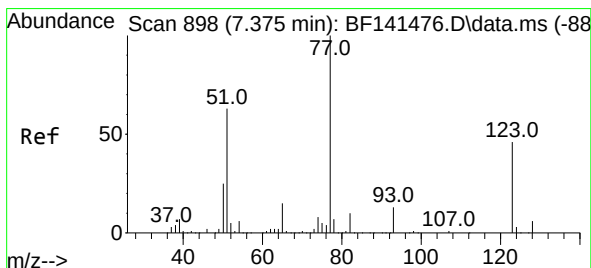
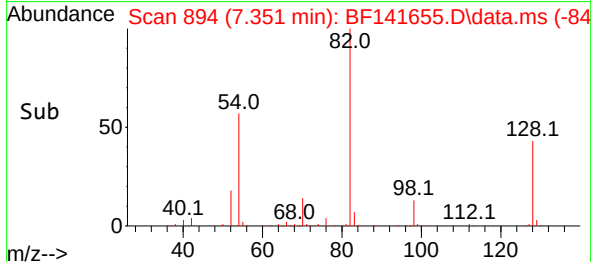
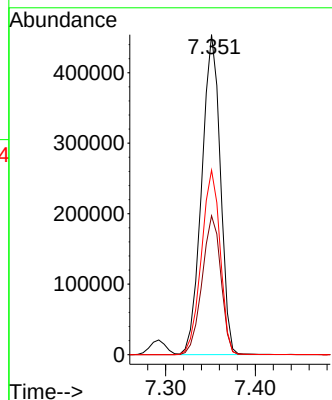
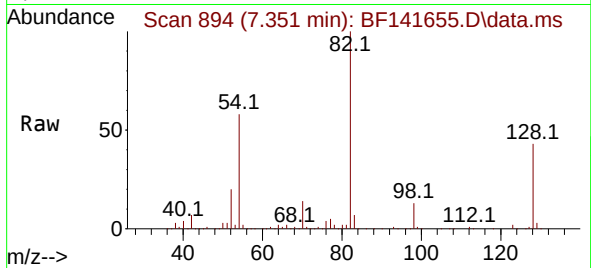




#23
Nitrobenzene-d5
Concen: 78.872 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

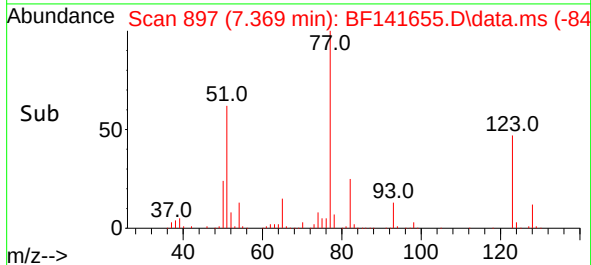
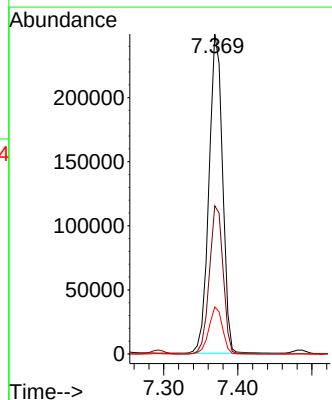
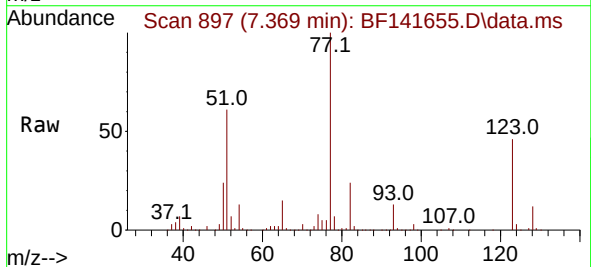
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

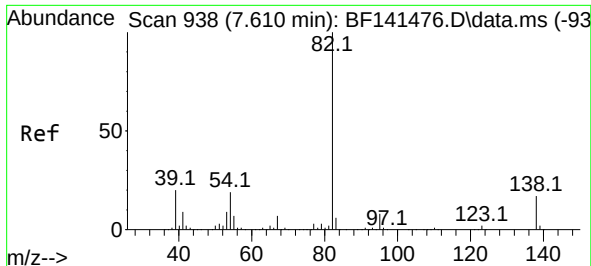
Tgt Ion: 82 Resp: 653281
Ion Ratio Lower Upper
82 100
128 43.4 34.8 52.2
54 57.6 48.2 72.4



#24
Nitrobenzene
Concen: 39.340 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion: 77 Resp: 317738
Ion Ratio Lower Upper
77 100
123 46.3 36.9 55.3
65 14.7 11.9 17.9

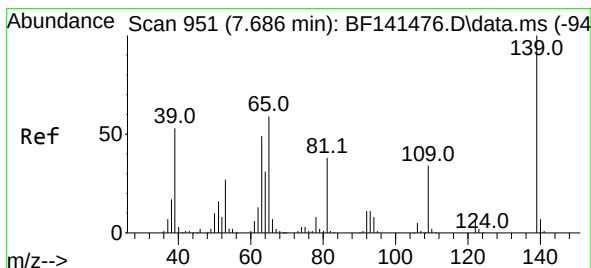
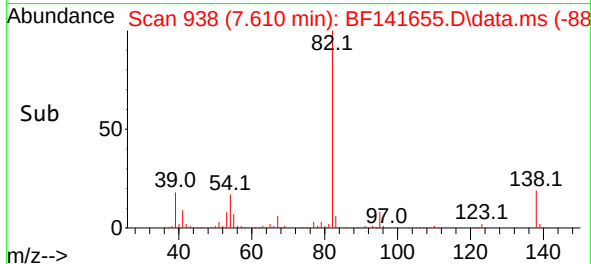
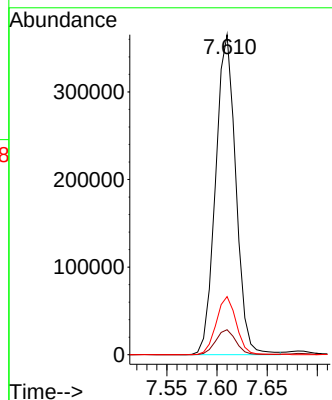
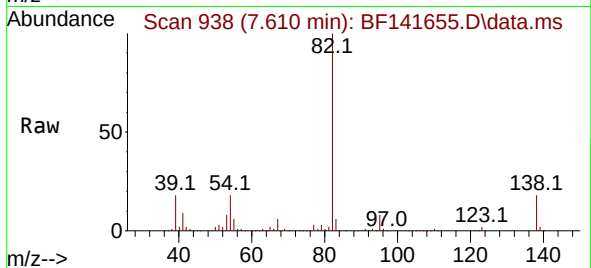




#25
Isophorone
Concen: 38.790 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

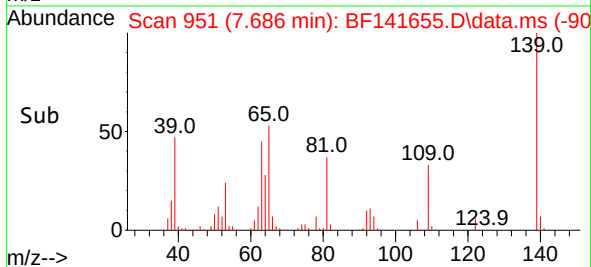
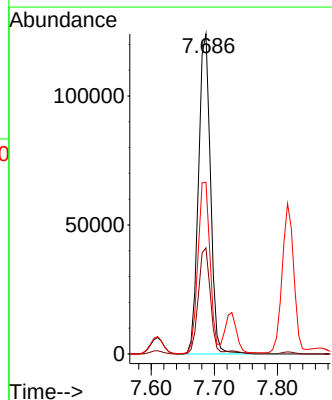
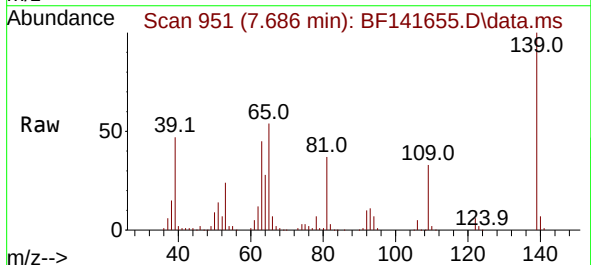
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

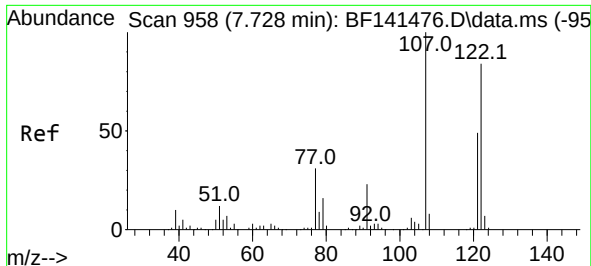
Tgt Ion: 82 Resp: 512290
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 40.747 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:139 Resp: 163736
Ion Ratio Lower Upper
139 100
109 33.2 27.0 40.6
65 53.7 47.1 70.7

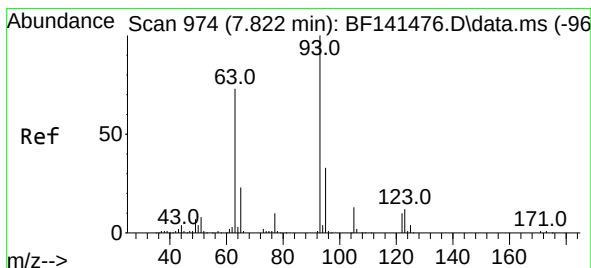
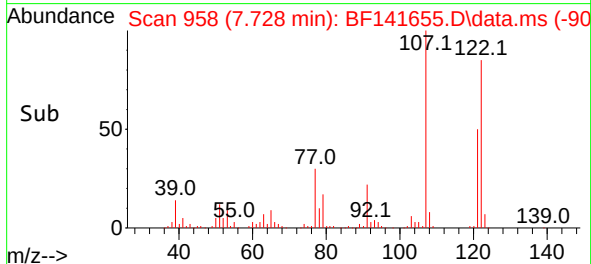
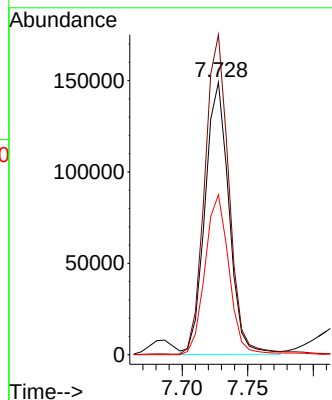
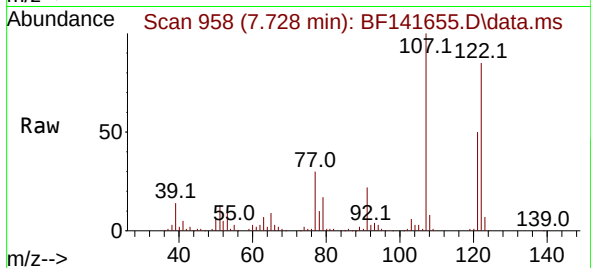




#27
2,4-Dimethylphenol
Concen: 40.299 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

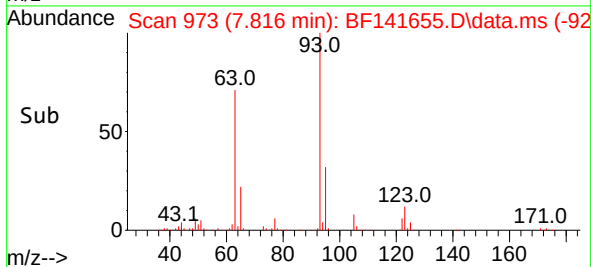
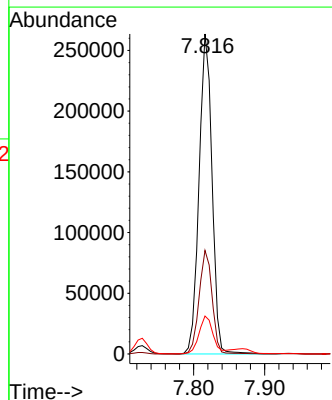
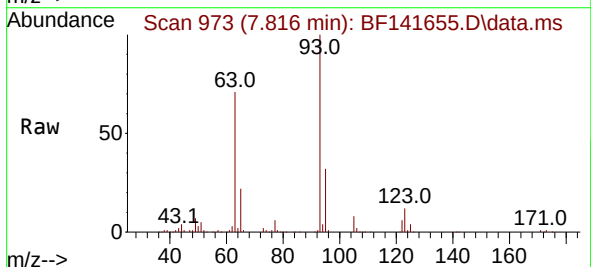
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

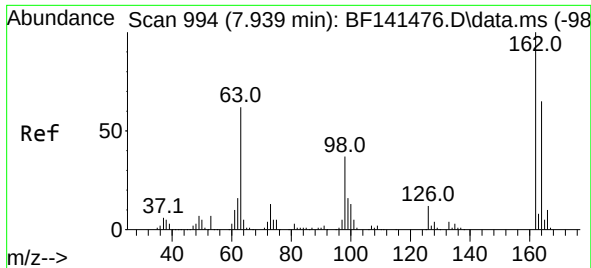
Tgt Ion:122 Resp: 189175
Ion Ratio Lower Upper
122 100
107 117.4 94.3 141.5
121 58.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.721 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion: 93 Resp: 336141
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.955 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

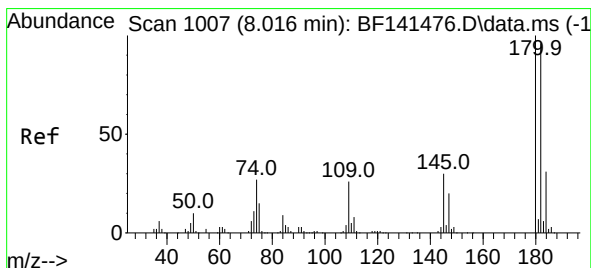
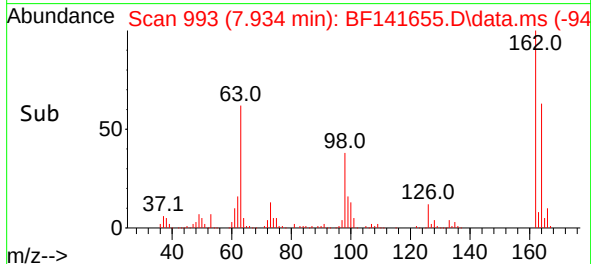
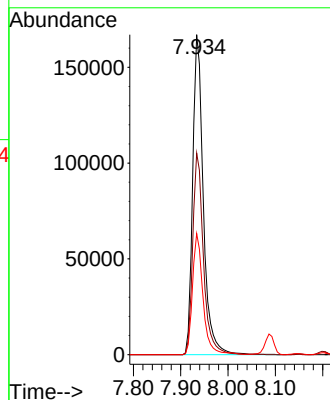
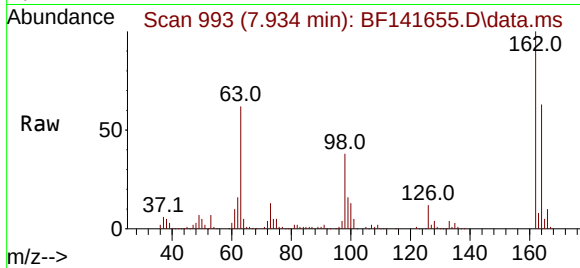
Tgt Ion:162 Resp: 259764

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

98 37.9 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 40.332 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

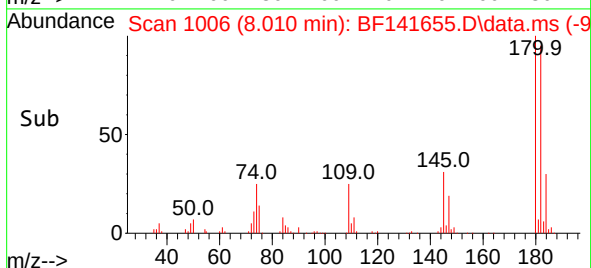
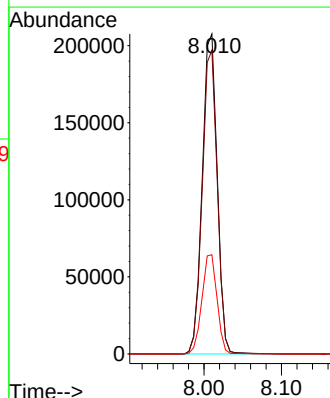
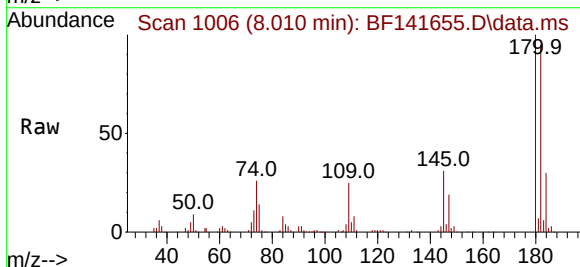
Tgt Ion:180 Resp: 278571

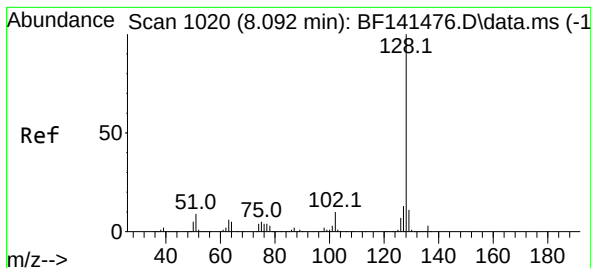
Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

145 31.0 24.2 36.4





#31

Naphthalene

Concen: 39.770 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

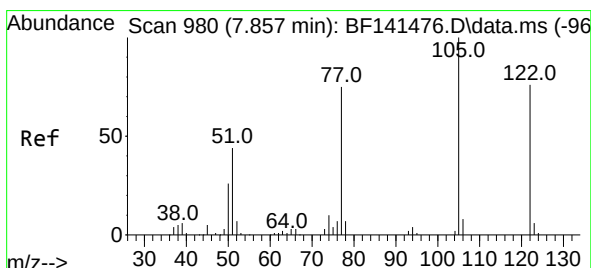
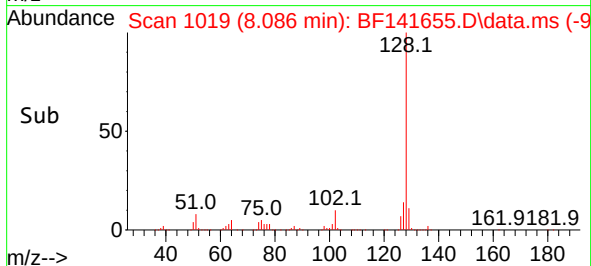
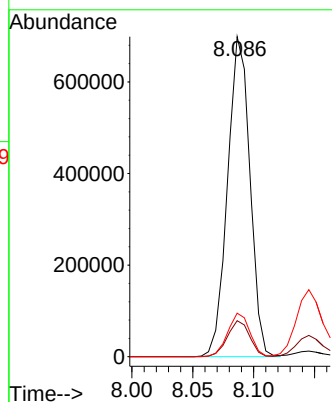
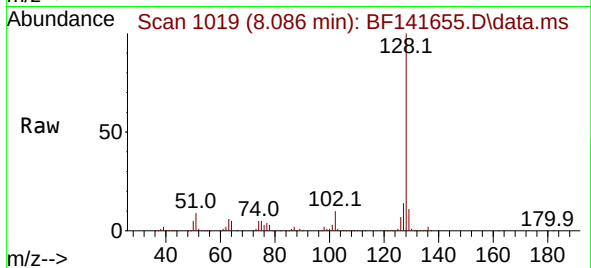
Tgt Ion:128 Resp: 894352

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 35.905 ng

RT: 7.869 min Scan# 982

Delta R.T. -0.023 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

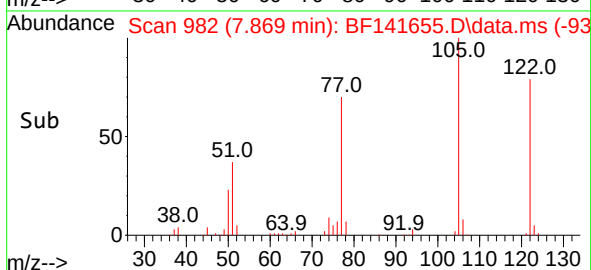
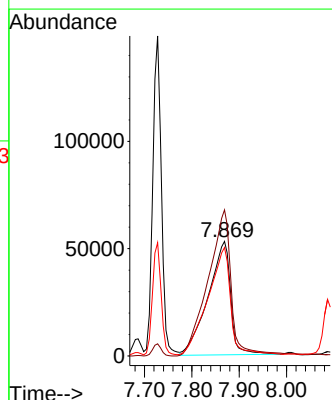
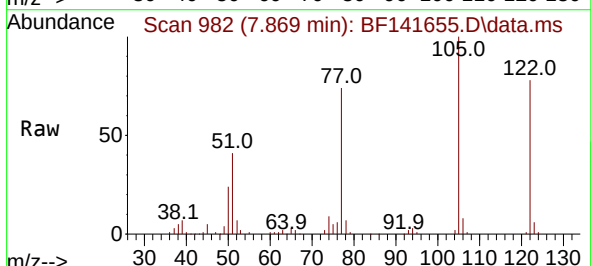
Tgt Ion:122 Resp: 175070

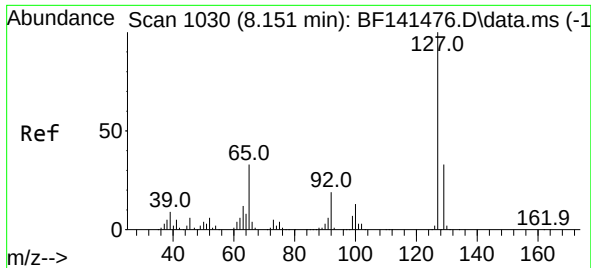
Ion Ratio Lower Upper

122 100

105 127.5 106.5 146.5

77 94.8 76.3 116.3

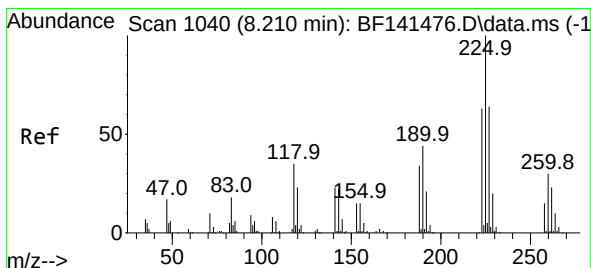
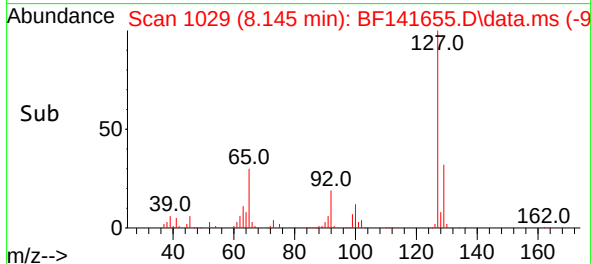
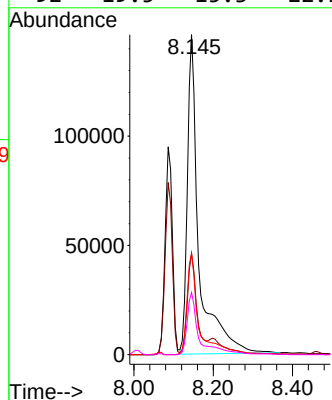
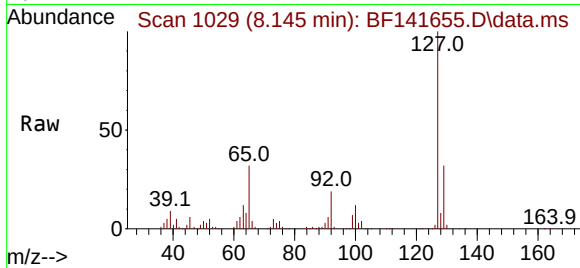




#33
4-Chloroaniline
Concen: 38.145 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

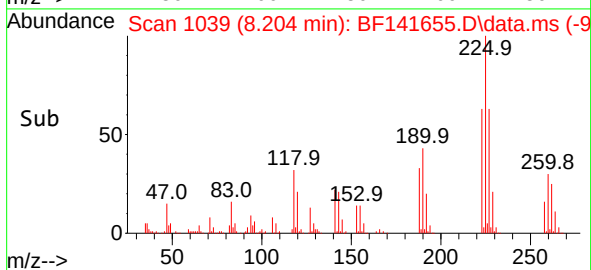
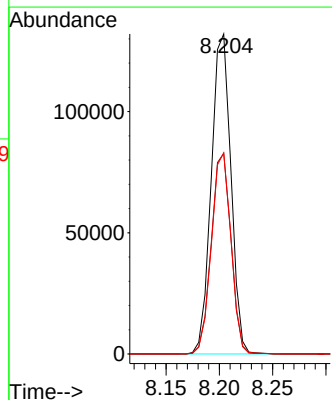
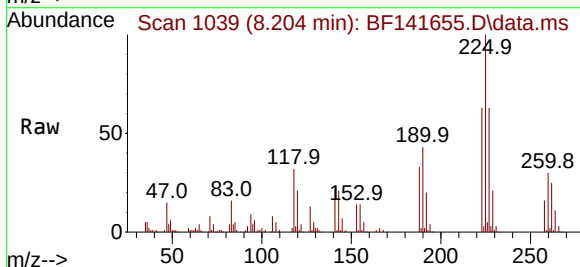
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

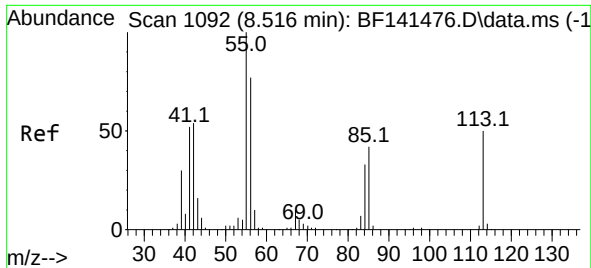
Tgt Ion:	127	Resp:	299491
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.5	39.7
65	31.7	26.4	39.6
92	19.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 40.742 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:	225	Resp:	168936
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	62.8	51.0	76.6

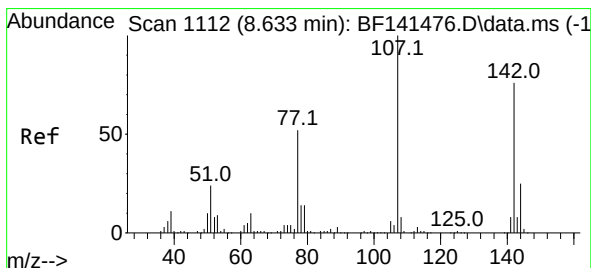
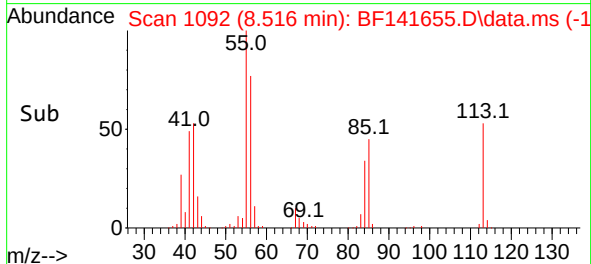
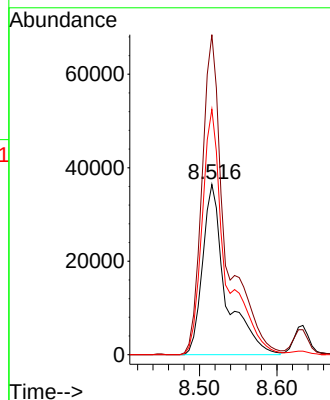
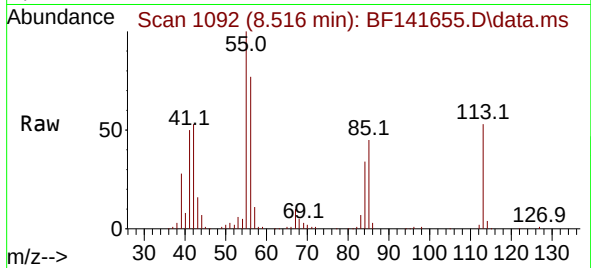




#35
 Caprolactam
 Concen: 39.499 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141655.D
 Acq: 18 Feb 2025 10:20

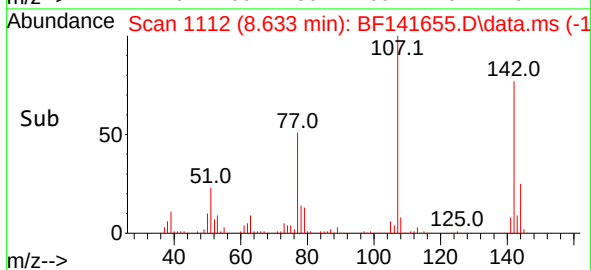
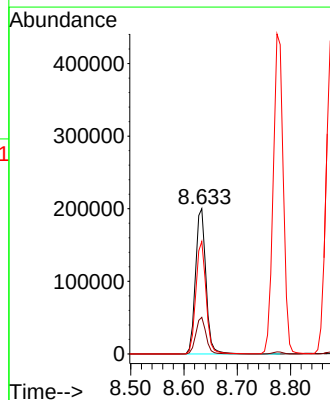
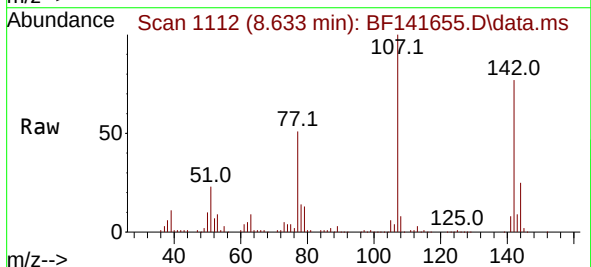
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

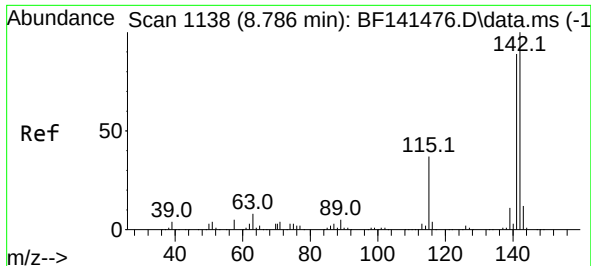
Tgt Ion:113 Resp: 76278
 Ion Ratio Lower Upper
 113 100
 55 187.9 180.8 220.8
 56 144.1 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.789 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141655.D
 Acq: 18 Feb 2025 10:20

Tgt Ion:107 Resp: 272522
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.7 29.5
 142 77.4 60.8 91.2

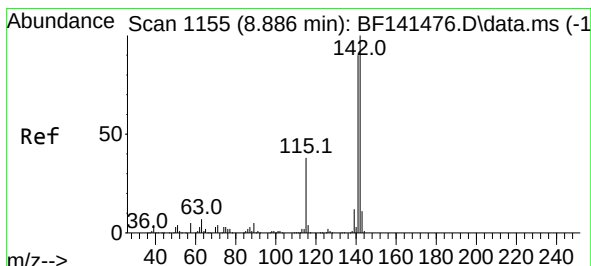
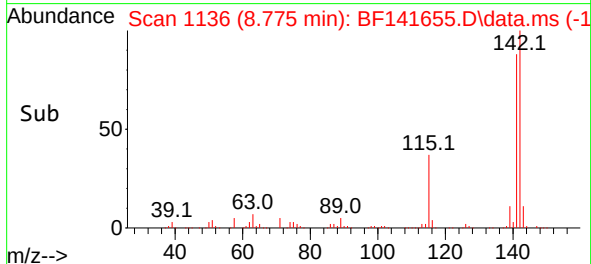
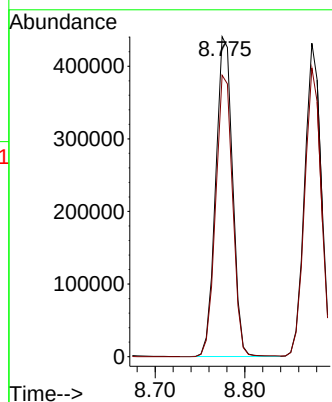
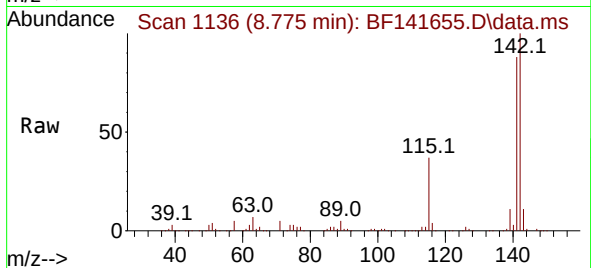




#37
2-Methylnaphthalene
Concen: 39.323 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

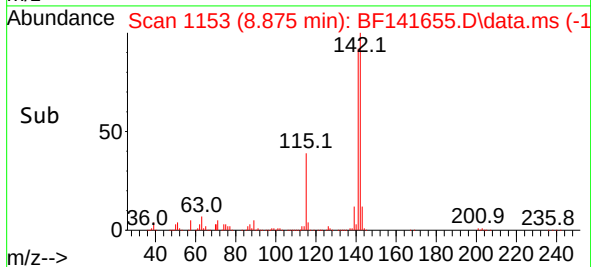
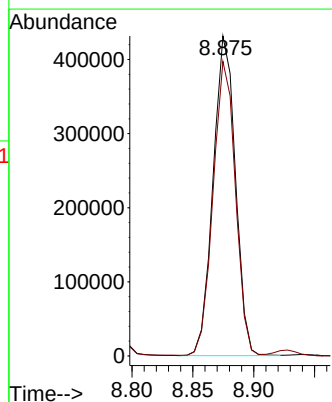
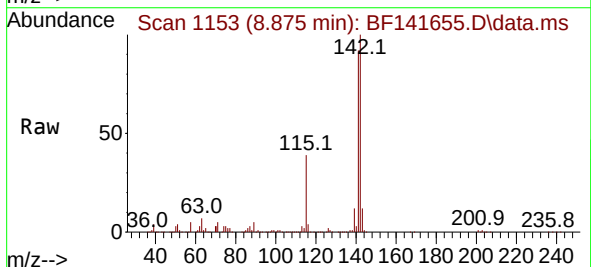
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

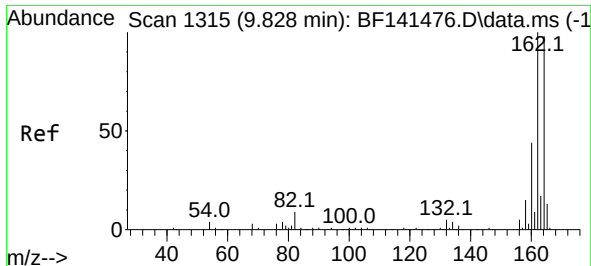
Tgt Ion:142 Resp: 575443
Ion Ratio Lower Upper
142 100
141 88.0 71.2 106.8



#38
1-Methylnaphthalene
Concen: 38.720 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:142 Resp: 548779
Ion Ratio Lower Upper
142 100
141 92.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

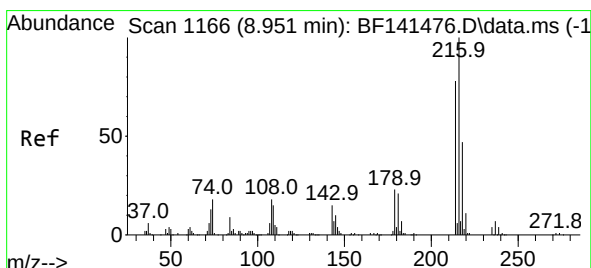
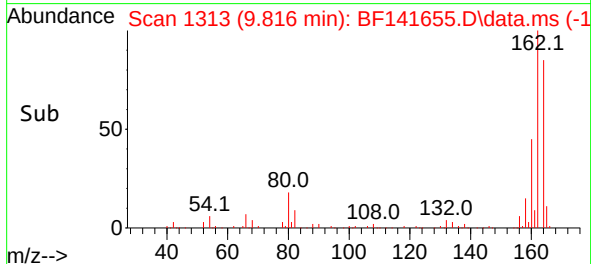
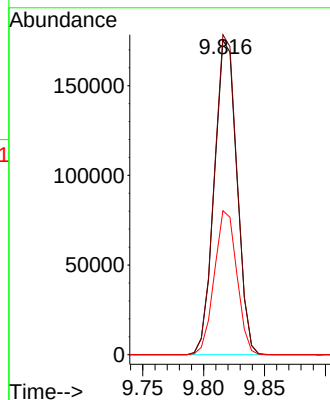
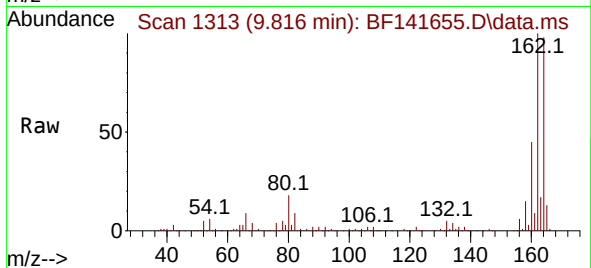
Tgt Ion:164 Resp: 226440

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 45.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.187 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Tgt Ion:216 Resp: 269823

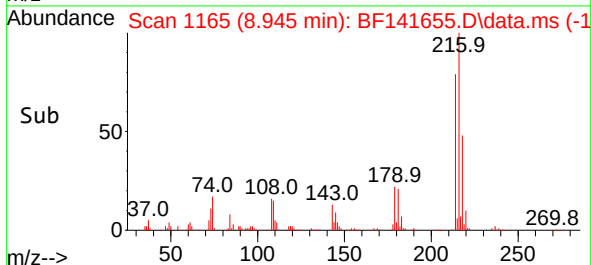
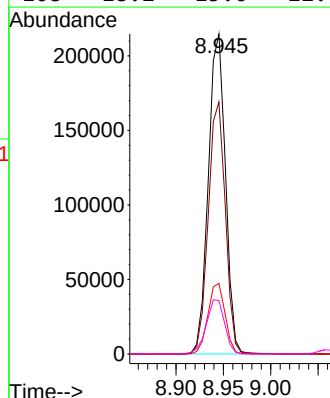
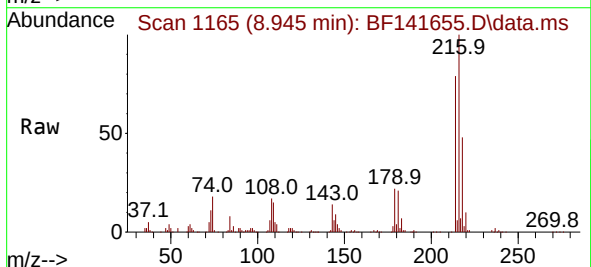
Ion Ratio Lower Upper

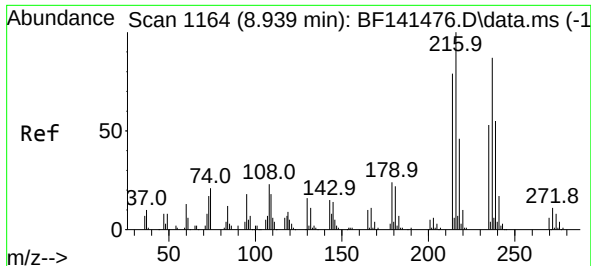
216 100

214 78.8 62.3 93.5

179 22.1 18.0 27.0

108 18.2 15.0 22.6

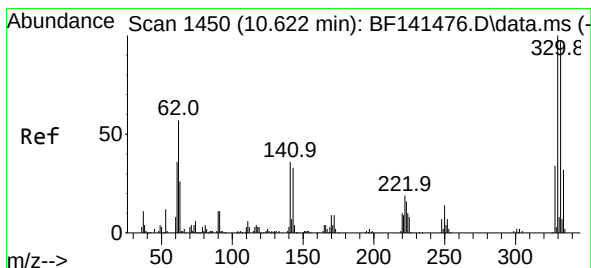
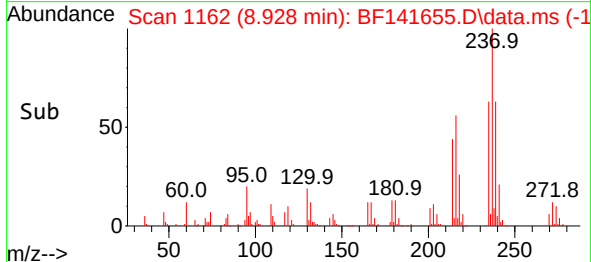
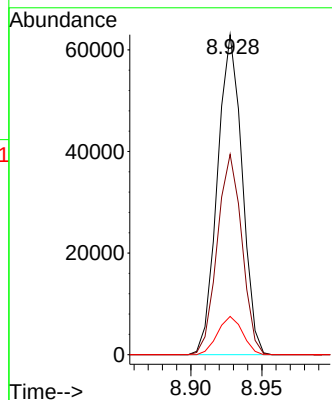
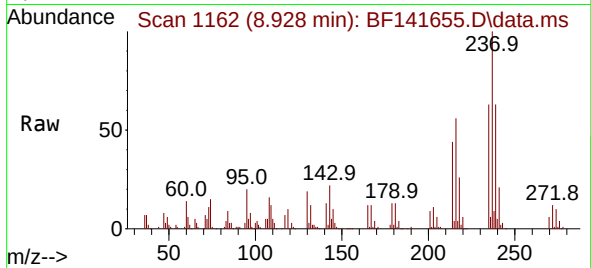




#41
 Hexachlorocyclopentadiene
 Concen: 34.833 ng
 RT: 8.928 min Scan# 1162
 Delta R.T. -0.012 min
 Lab File: BF141655.D
 Acq: 18 Feb 2025 10:20

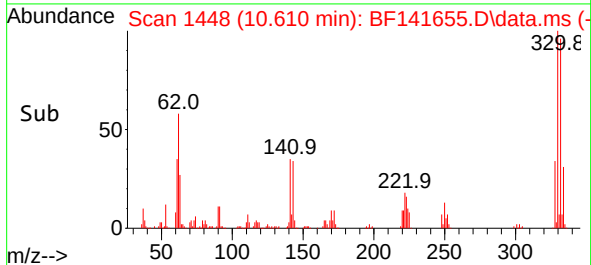
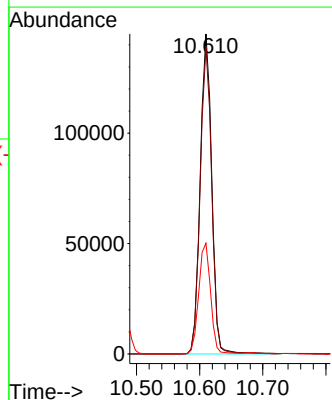
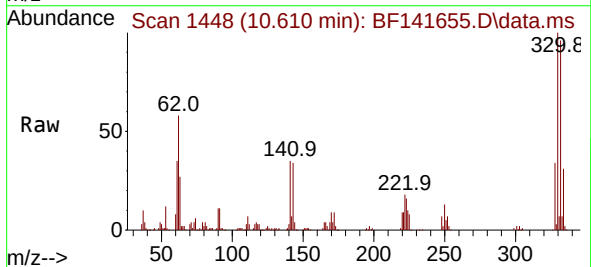
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

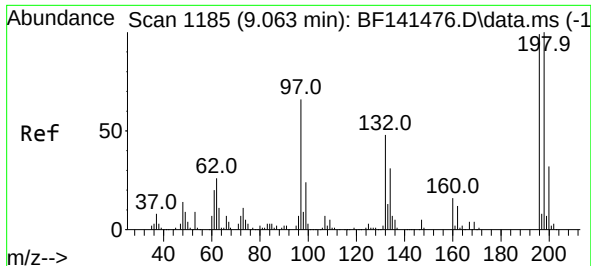
Tgt Ion:237 Resp: 75901
 Ion Ratio Lower Upper
 237 100
 235 62.6 41.4 81.4
 272 12.0 0.0 32.4



#42
 2,4,6-Tribromophenol
 Concen: 81.088 ng
 RT: 10.610 min Scan# 1448
 Delta R.T. -0.018 min
 Lab File: BF141655.D
 Acq: 18 Feb 2025 10:20

Tgt Ion:330 Resp: 184451
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.5 117.7
 141 35.5 31.0 46.4

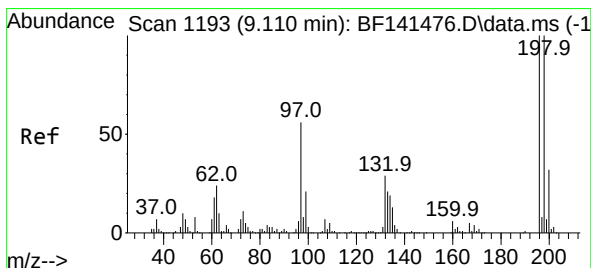
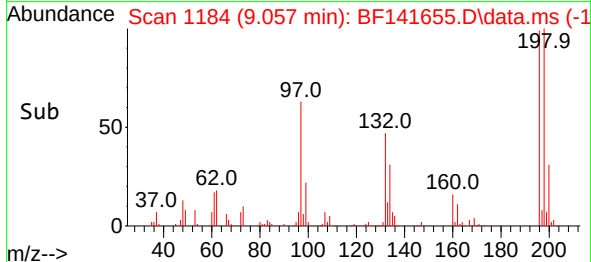
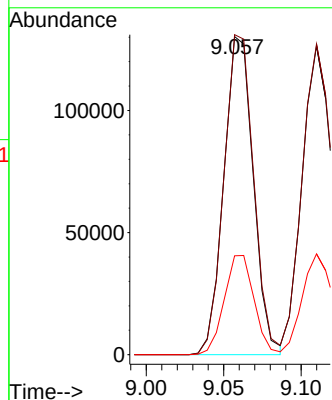
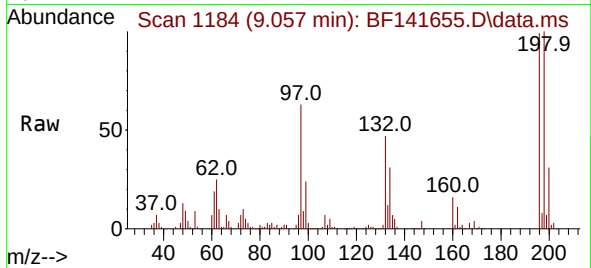




#43
2,4,6-Trichlorophenol
Concen: 40.783 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

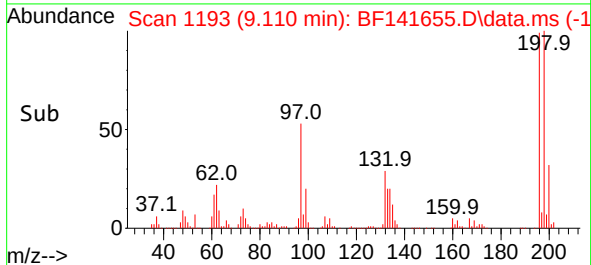
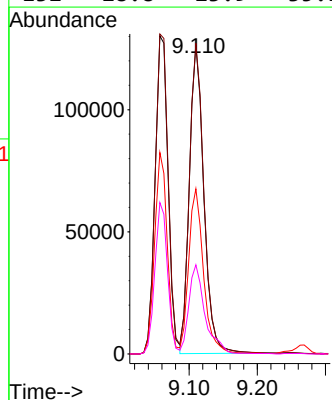
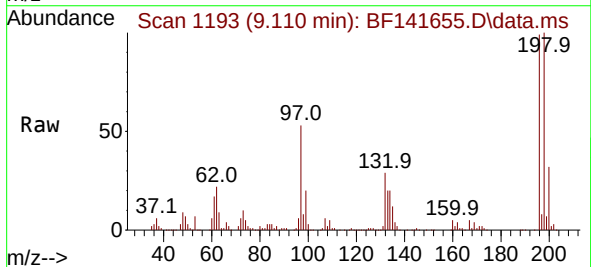
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BNA_F
ClientSampleId :
SSTDCCC040

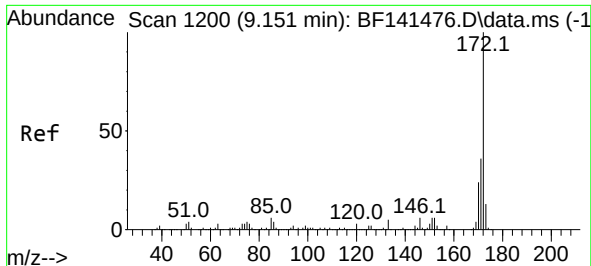
Tgt Ion:196 Resp: 172682
Ion Ratio Lower Upper
196 100
198 100.6 80.6 121.0
200 31.1 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 40.436 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:196 Resp: 185554
Ion Ratio Lower Upper
196 100
198 100.6 79.8 119.8
97 53.5 44.8 67.2
132 28.8 23.9 35.9

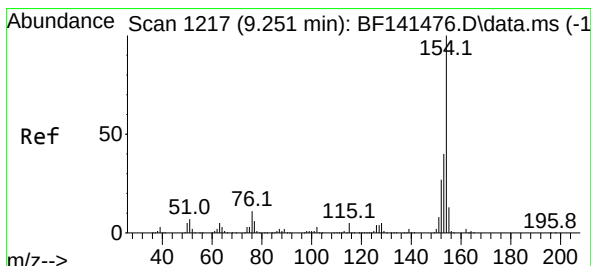
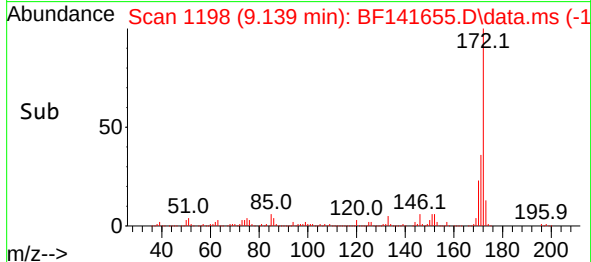
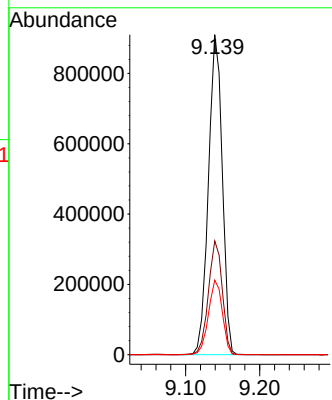
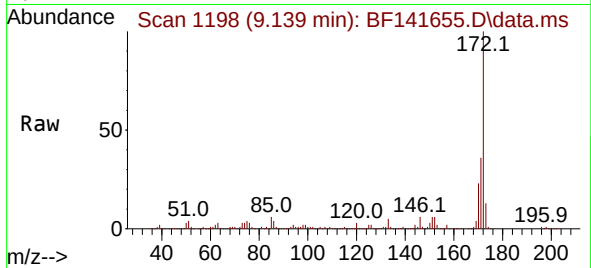




#45
2-Fluorobiphenyl
Concen: 80.362 ng
RT: 9.139 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

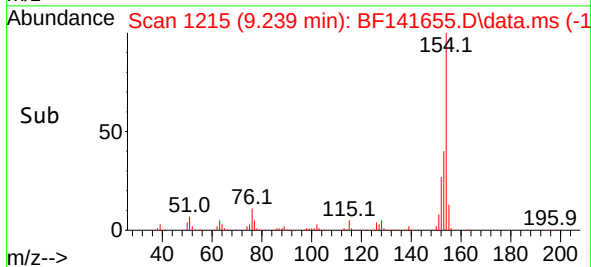
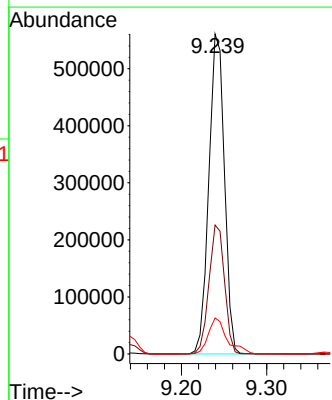
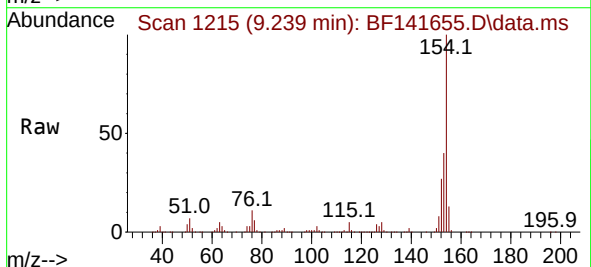
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BNA_F
ClientSampleId :
SSTDCCC040

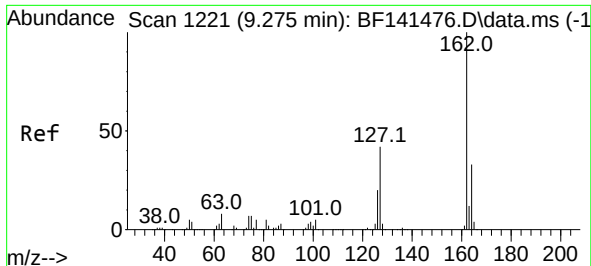
Tgt Ion:172 Resp: 1181147
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.606 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:154 Resp: 712857
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 40.596 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

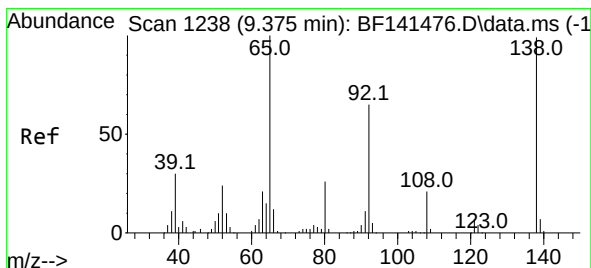
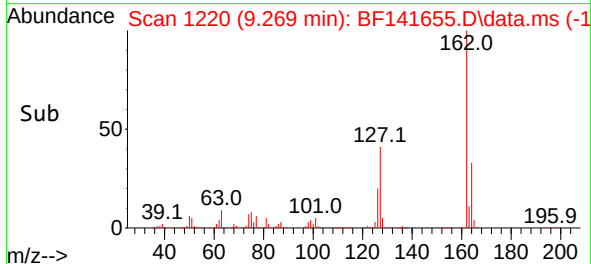
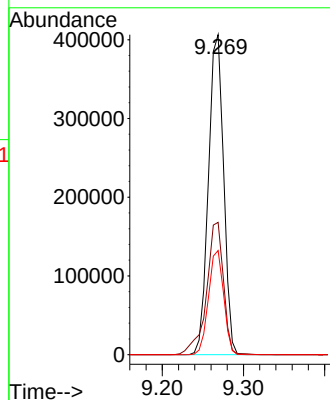
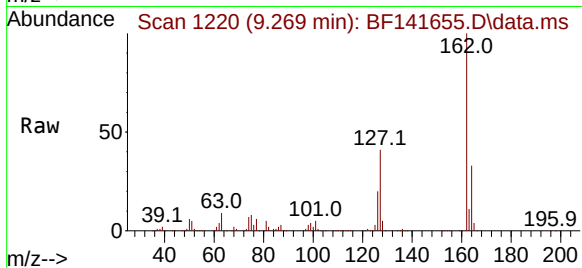
Tgt Ion:162 Resp: 527002

Ion Ratio Lower Upper

162 100

127 41.4 34.1 51.1

164 32.6 26.3 39.5



#48

2-Nitroaniline

Concen: 39.294 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

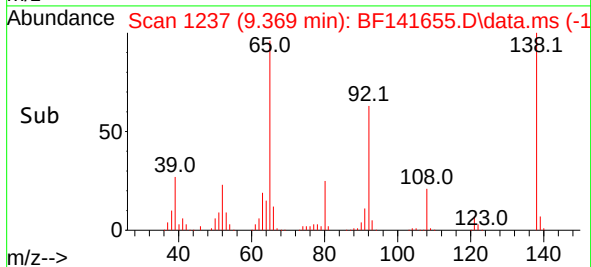
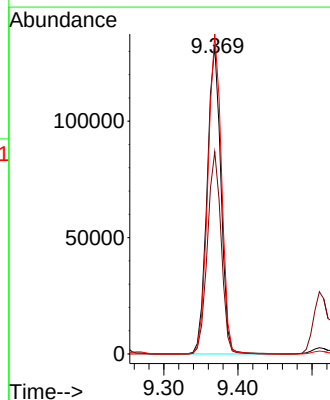
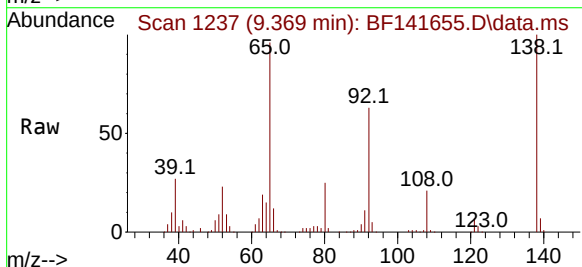
Tgt Ion: 65 Resp: 171194

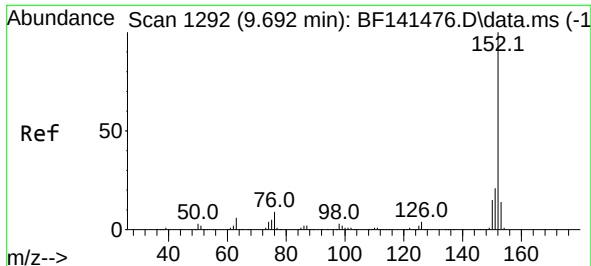
Ion Ratio Lower Upper

65 100

92 65.6 52.2 78.2

138 103.9 79.5 119.3





#49

Acenaphthylene

Concen: 40.103 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

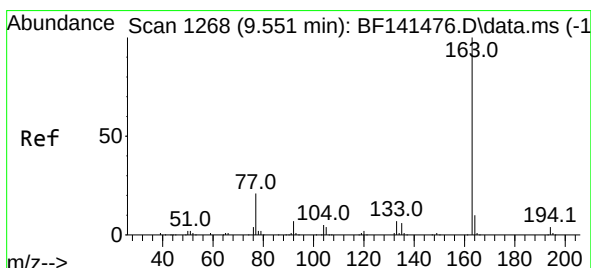
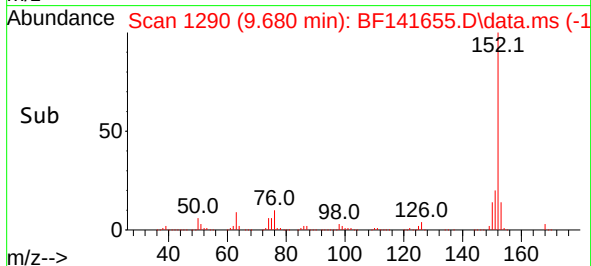
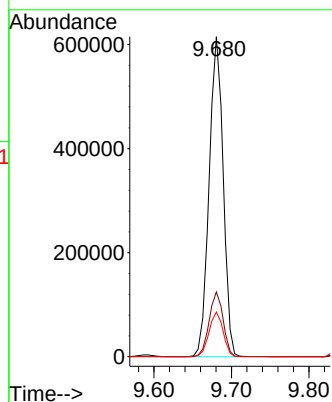
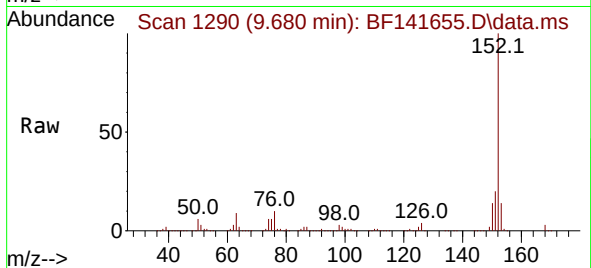
Tgt Ion:152 Resp: 774337

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 40.606 ng

RT: 9.545 min Scan# 1267

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

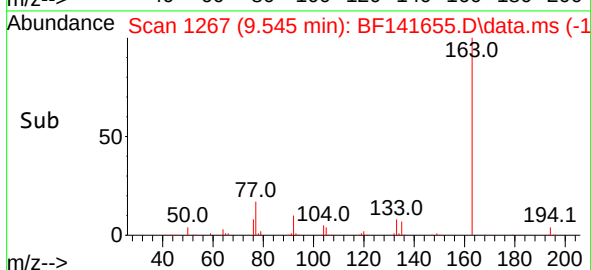
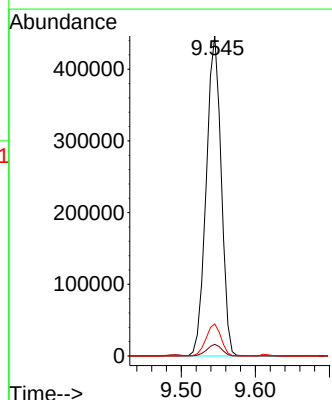
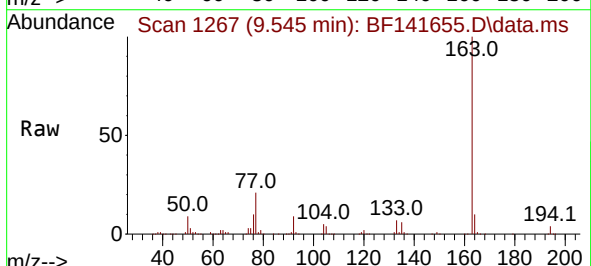
Tgt Ion:163 Resp: 624216

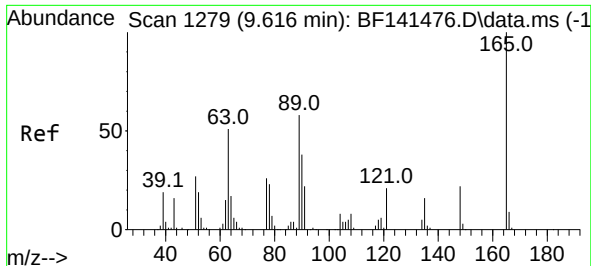
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 10.0 7.9 11.9

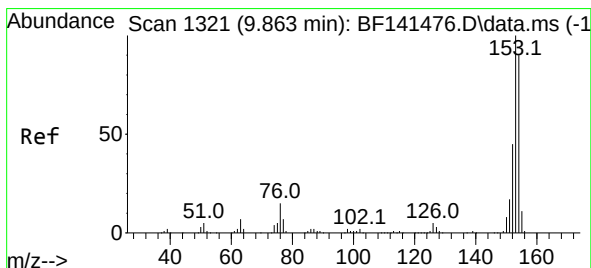
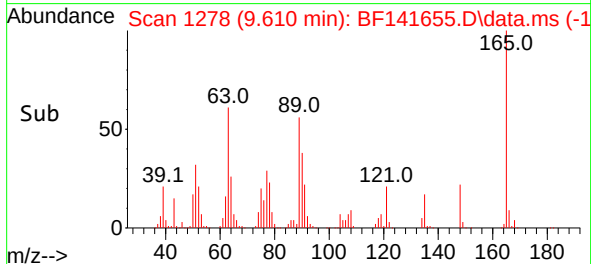
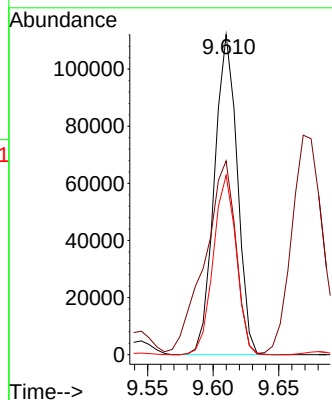
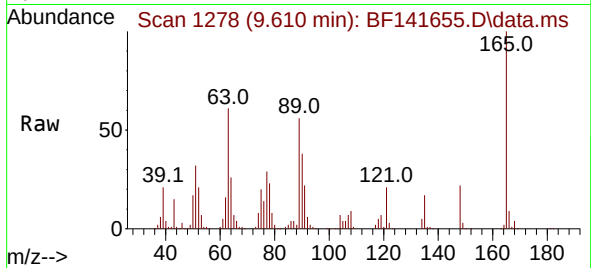




#51
2,6-Dinitrotoluene
Concen: 40.375 ng
RT: 9.610 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

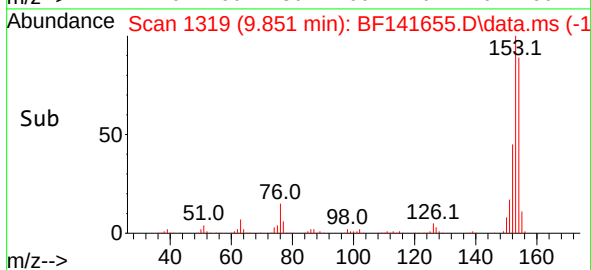
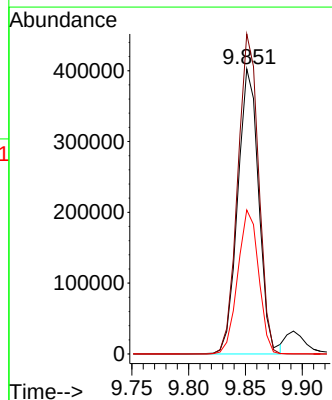
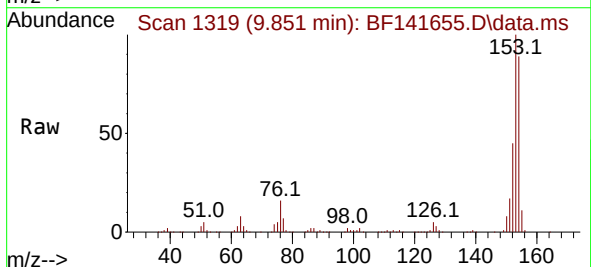
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

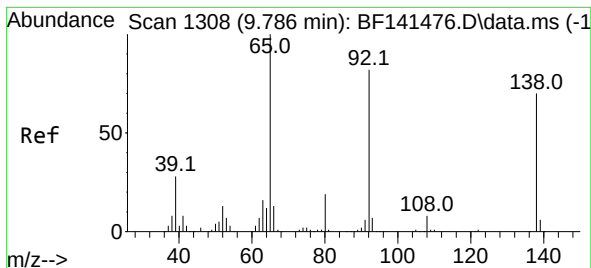
Tgt Ion:165 Resp: 135682
Ion Ratio Lower Upper
165 100
63 60.5 49.4 74.0
89 56.0 46.5 69.7



#52
Acenaphthene
Concen: 39.898 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:154 Resp: 517922
Ion Ratio Lower Upper
154 100
153 112.2 89.2 133.8
152 50.5 39.8 59.8





#53

3-Nitroaniline

Concen: 39.175 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

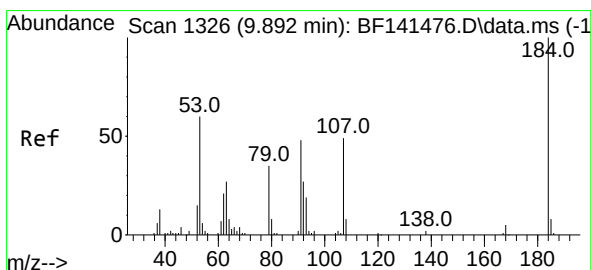
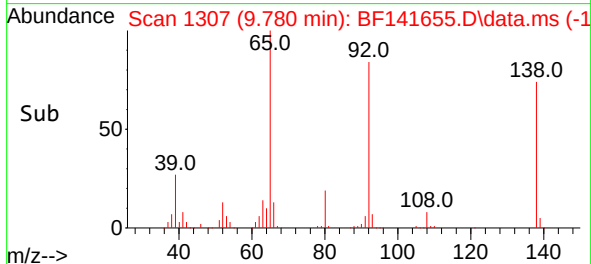
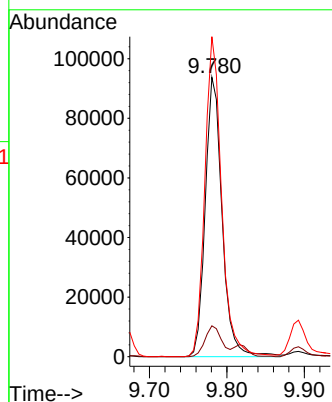
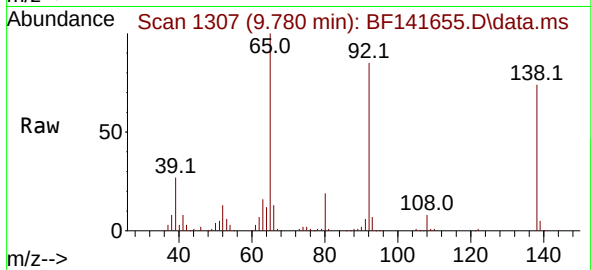
Tgt Ion:138 Resp: 141694

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.4

92 114.6 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 35.875 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

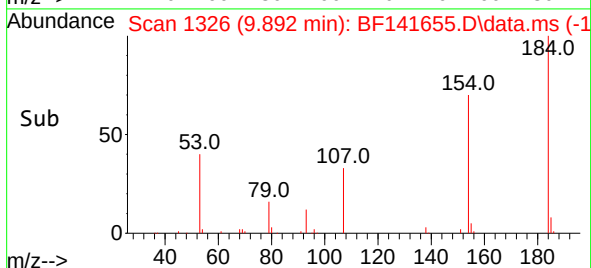
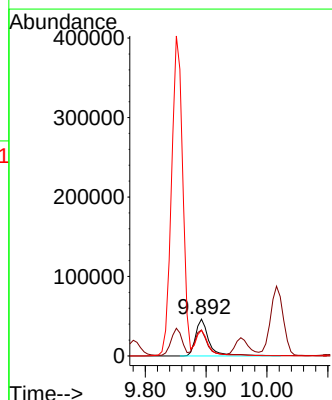
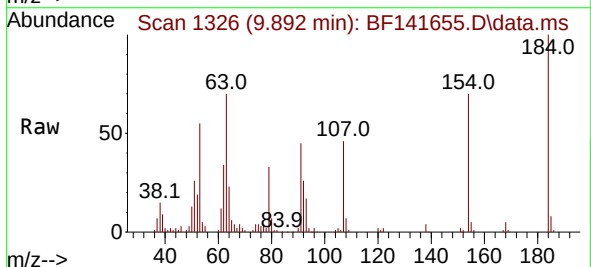
Tgt Ion:184 Resp: 71652

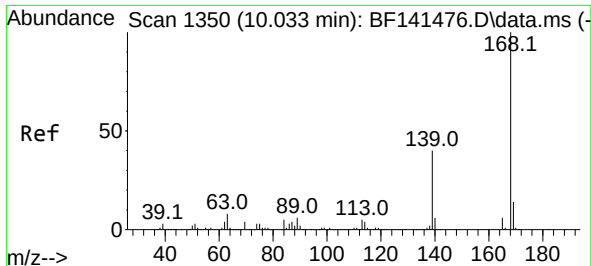
Ion Ratio Lower Upper

184 100

63 70.4 61.0 91.6

154 69.9 59.9 89.9

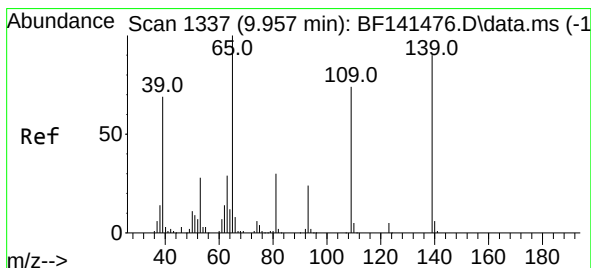
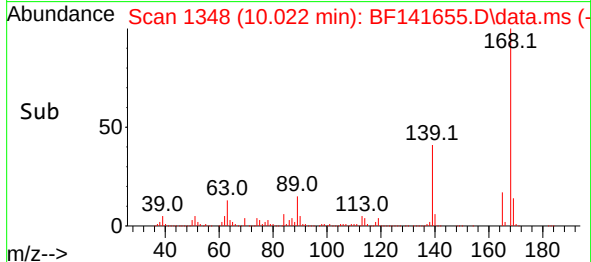
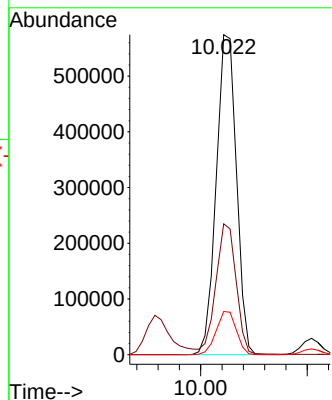
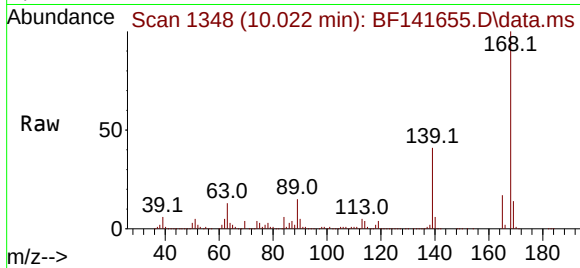




#55
Dibenzofuran
Concen: 39.635 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

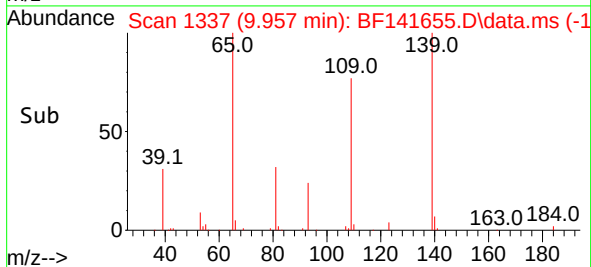
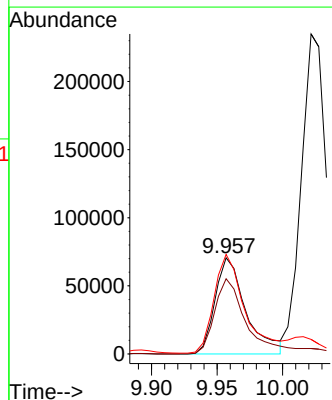
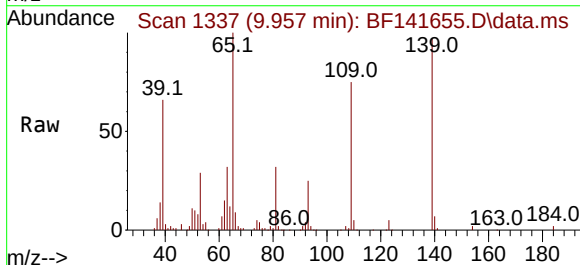
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

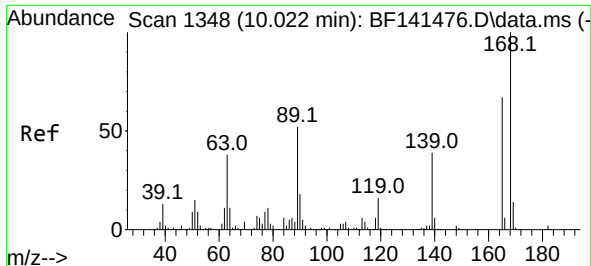
Tgt Ion:168 Resp: 755210
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 43.113 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:139 Resp: 115756
Ion Ratio Lower Upper
139 100
109 78.2 62.0 102.0
65 103.6 91.2 131.2

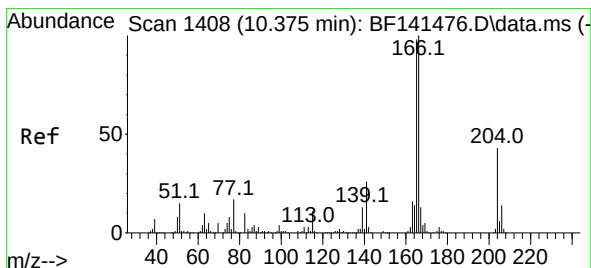
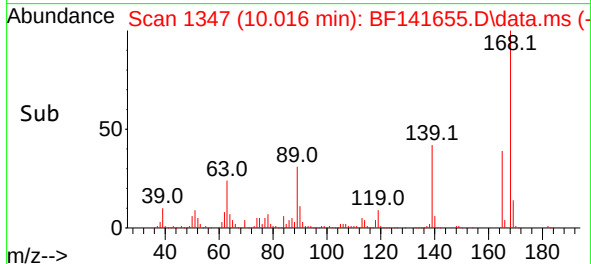
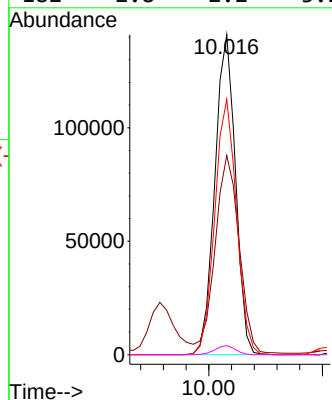
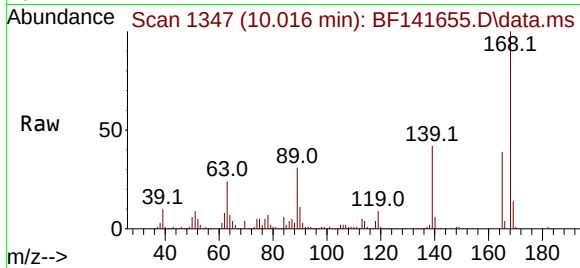




#57
2,4-Dinitrotoluene
Concen: 39.667 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

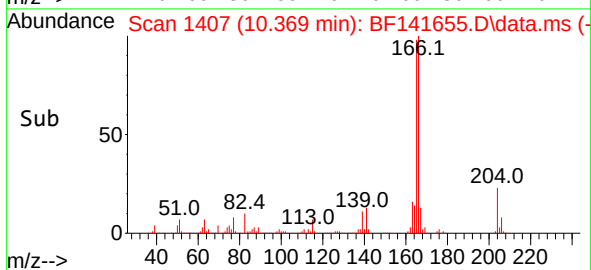
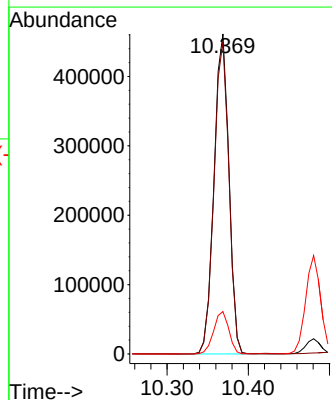
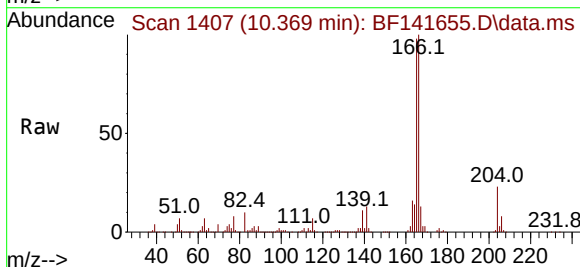
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

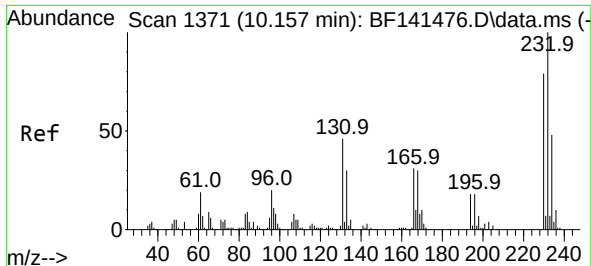
Tgt Ion:165 Resp: 177455
Ion Ratio Lower Upper
165 100
63 62.2 46.4 69.6
89 79.8 61.8 92.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 39.925 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:166 Resp: 588202
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.3 10.7 16.1

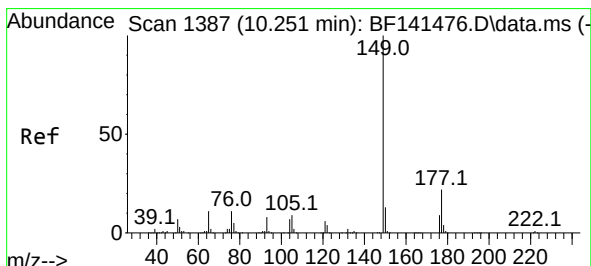
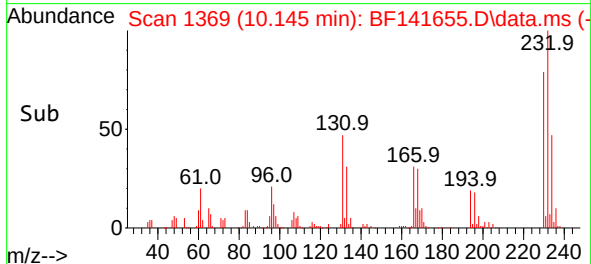
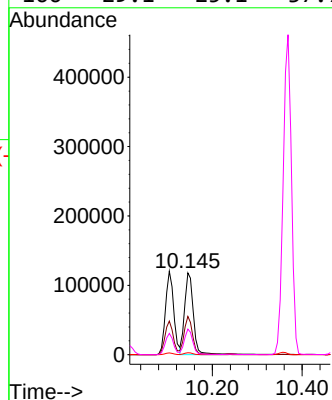
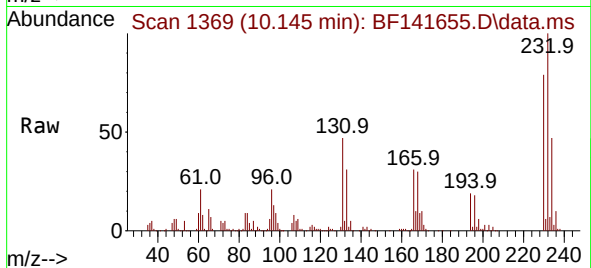




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.377 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

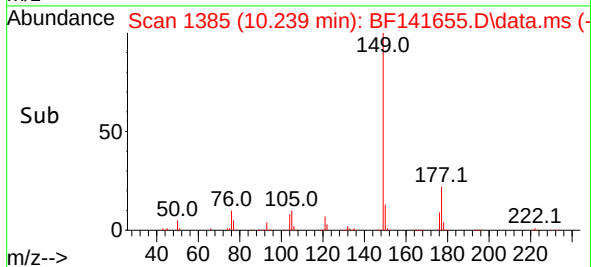
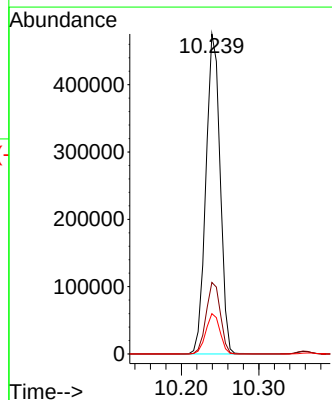
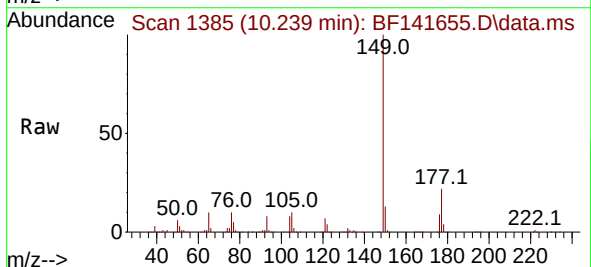
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

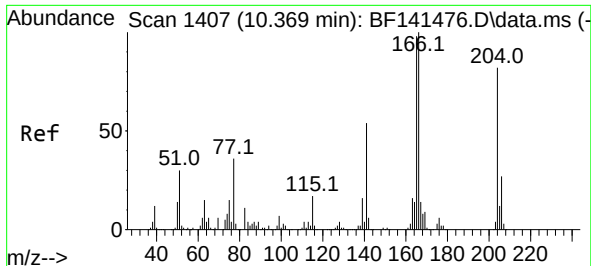
Tgt Ion:232 Resp: 159517
Ion Ratio Lower Upper
232 100
131 45.7 39.2 58.8
130 2.3 2.1 3.1
166 29.1 25.1 37.7



#60
Diethylphthalate
Concen: 39.937 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:149 Resp: 604026
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.6 10.1 15.1

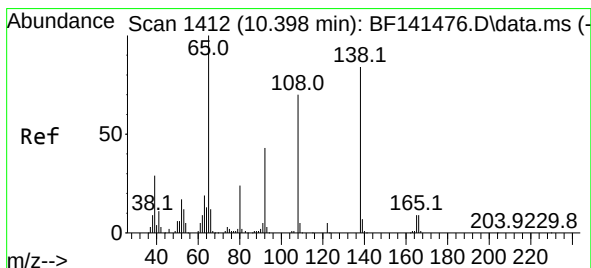
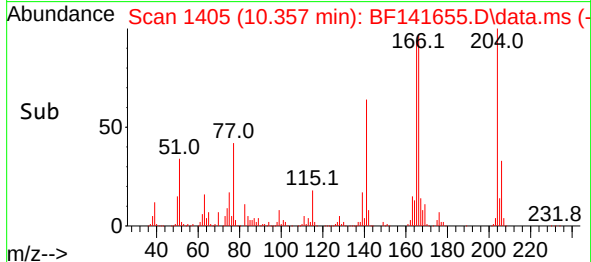
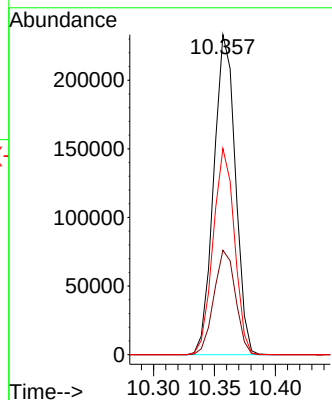
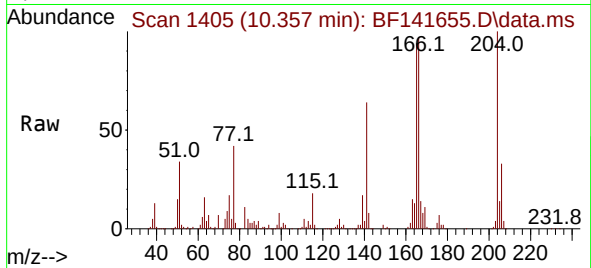




#61
4-Chlorophenyl-phenylether
Concen: 40.591 ng
RT: 10.357 min Scan# 1407
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

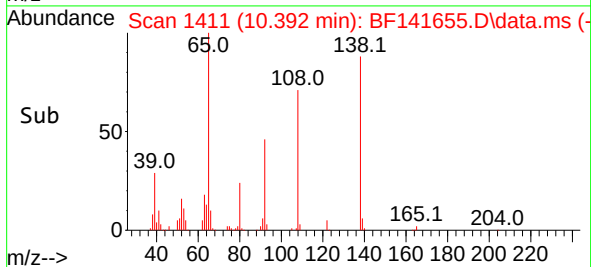
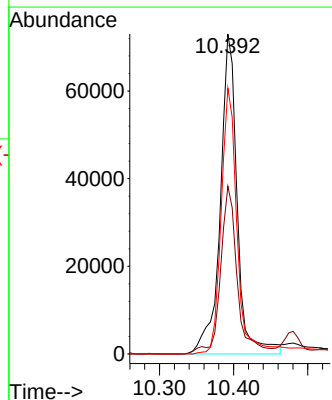
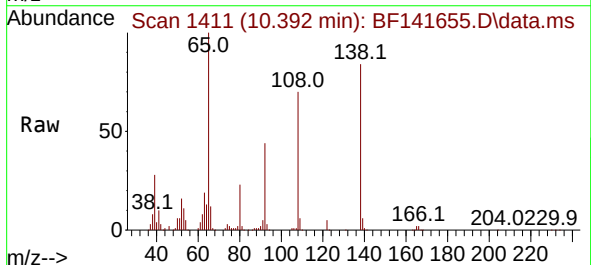
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

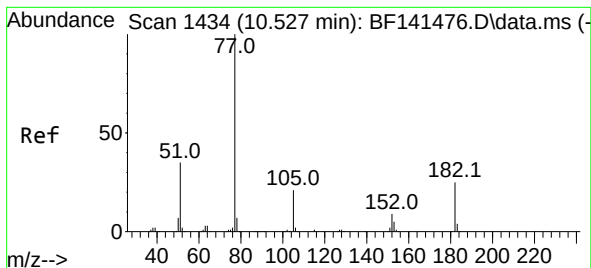
Tgt Ion:204 Resp: 287690
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 64.4 51.9 77.9



#62
4-Nitroaniline
Concen: 31.639 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:138 Resp: 116201
Ion Ratio Lower Upper
138 100
92 52.4 31.3 71.3
108 83.1 63.7 103.7

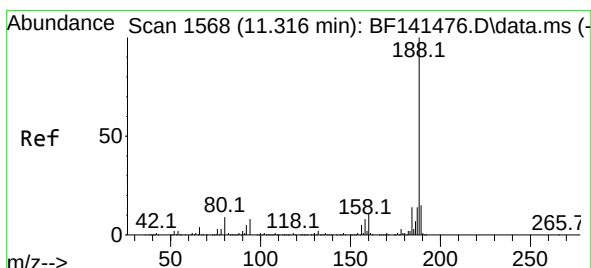
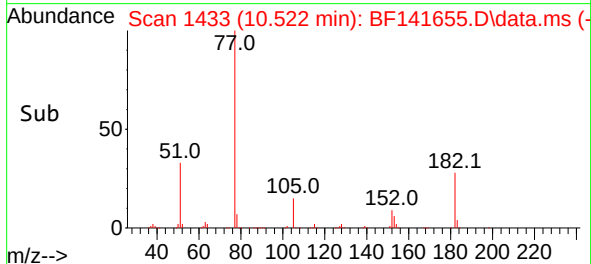
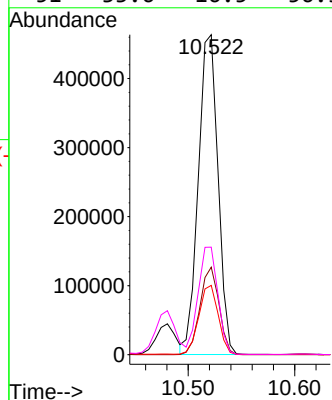
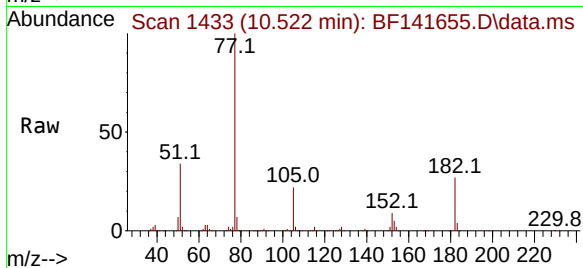




#63
Azobenzene
Concen: 39.719 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

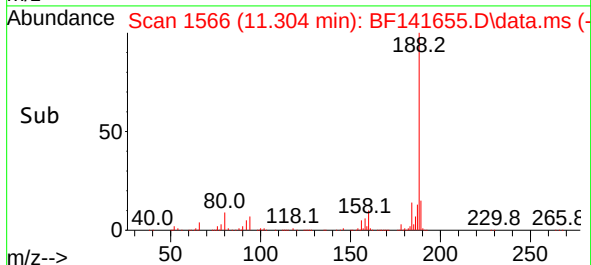
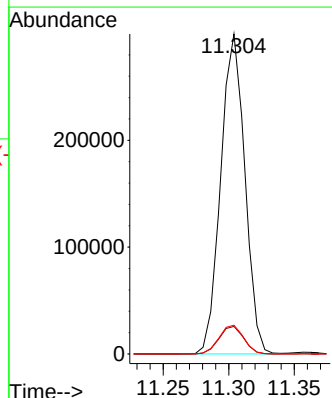
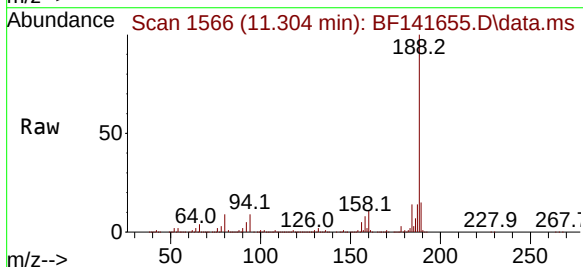
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

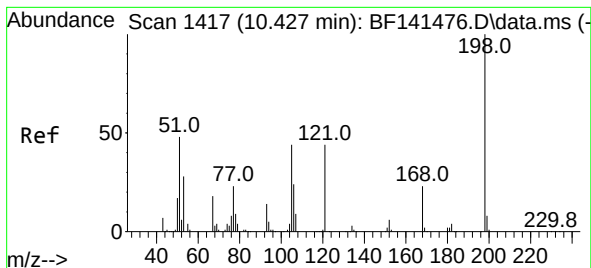
Tgt Ion:	77	Resp:	597208
Ion	Ratio	Lower	Upper
77	100		
182	27.3	4.7	44.7
105	21.6	0.4	40.4
51	33.6	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:	188	Resp:	383246
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.0	7.3	10.9

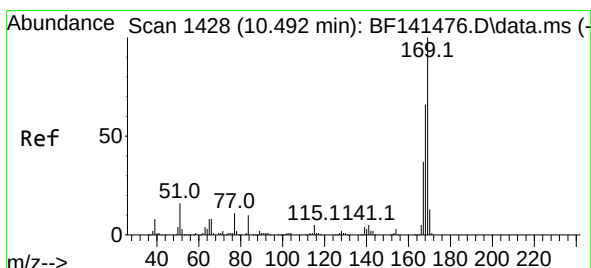
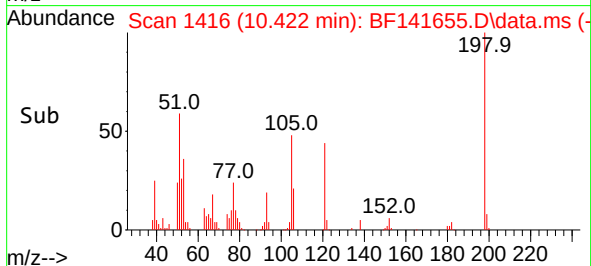
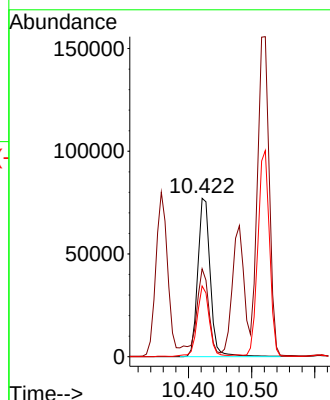
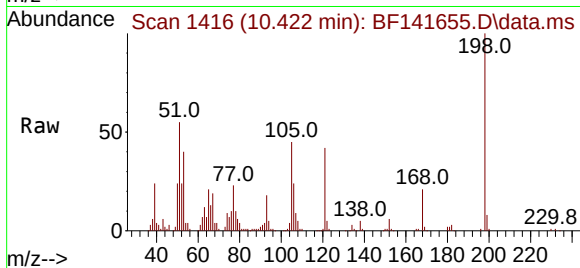




#65
4,6-Dinitro-2-methylphenol
Concen: 39.607 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

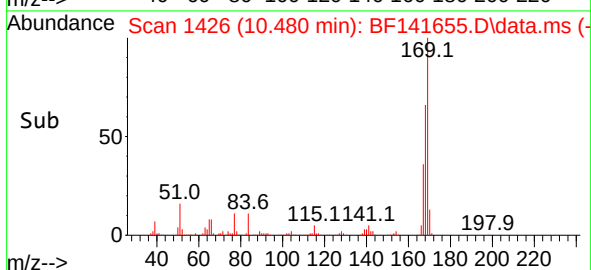
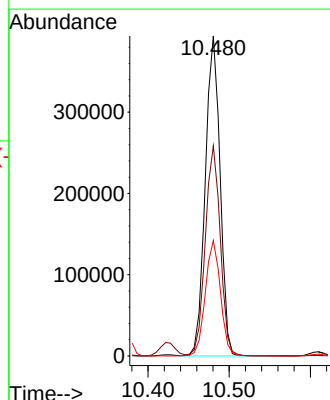
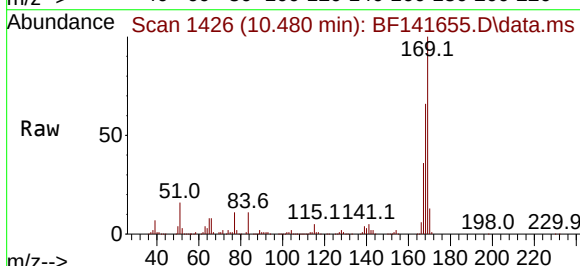
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

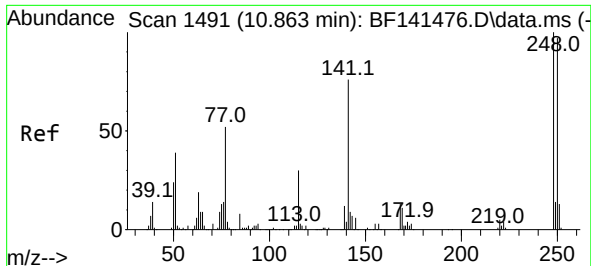
Tgt Ion:198 Resp: 105443
Ion Ratio Lower Upper
198 100
51 55.5 37.4 77.4
105 44.7 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 40.461 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:169 Resp: 496381
Ion Ratio Lower Upper
169 100
168 65.6 53.3 79.9
167 36.0 29.4 44.2

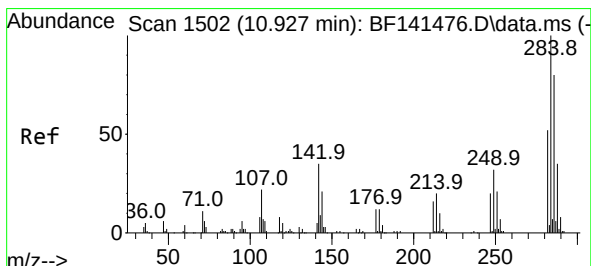
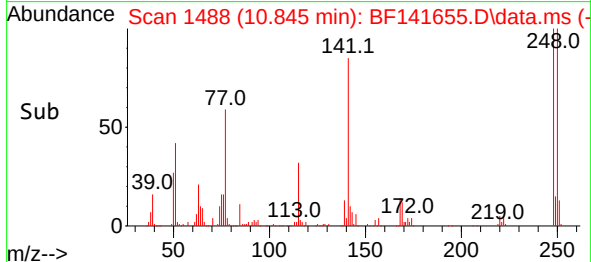
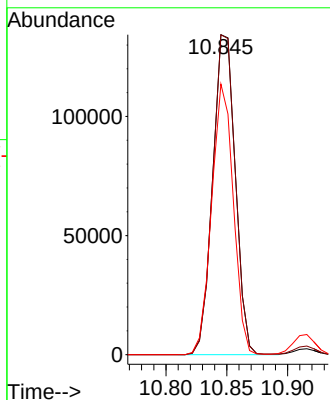
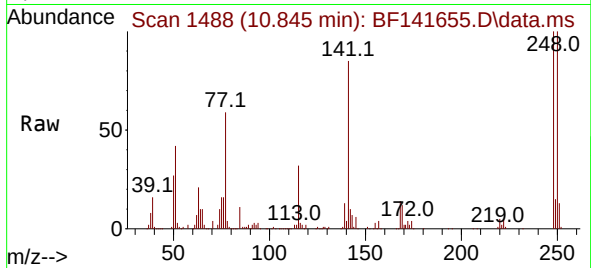




#67
4-Bromophenyl-phenylether
Concen: 40.645 ng
RT: 10.845 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

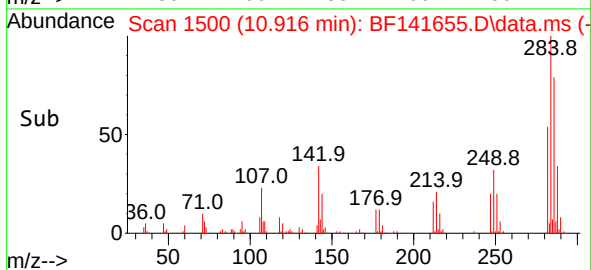
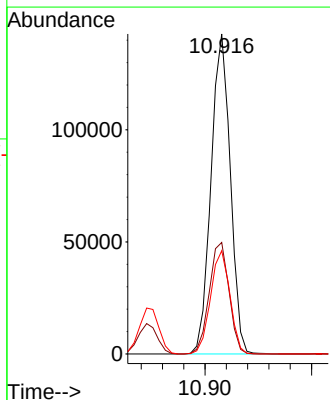
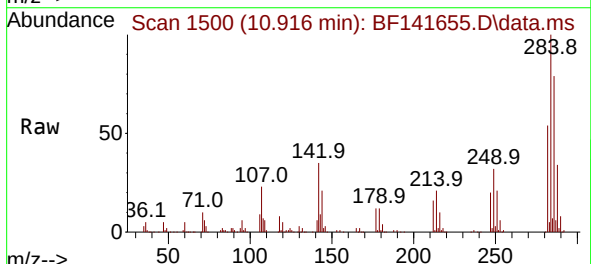
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

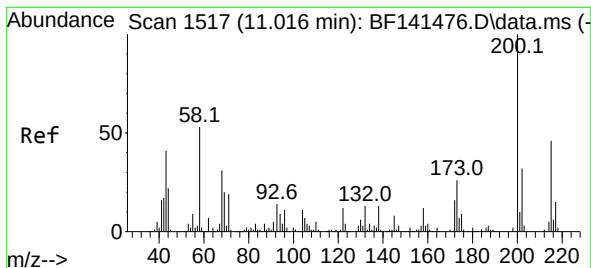
Tgt Ion:248 Resp: 174095
Ion Ratio Lower Upper
248 100
250 100.0 77.8 116.6
141 84.6 60.6 90.8



#68
Hexachlorobenzene
Concen: 40.657 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:284 Resp: 179321
Ion Ratio Lower Upper
284 100
142 34.8 28.0 42.0
249 32.2 25.8 38.8





#69

Atrazine

Concen: 32.867 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

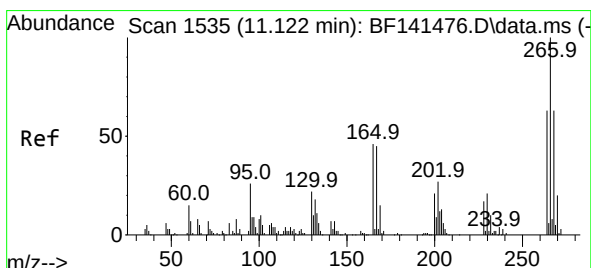
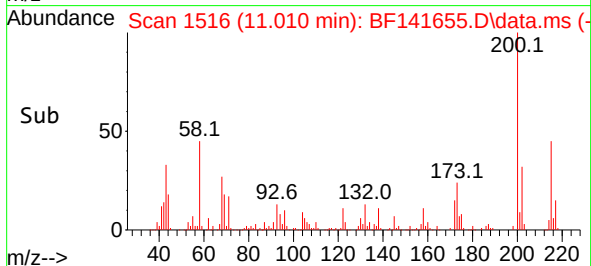
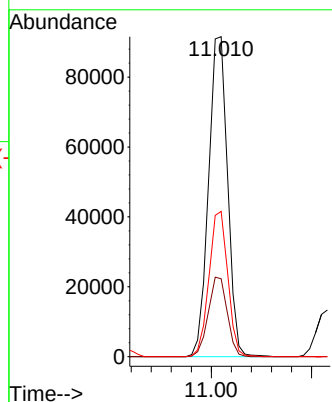
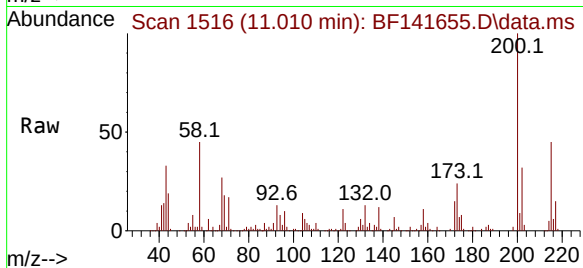
Tgt Ion:200 Resp: 120966

Ion Ratio Lower Upper

200 100

173 24.3 5.9 45.9

215 45.4 25.9 65.9



#70

Pentachlorophenol

Concen: 35.837 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

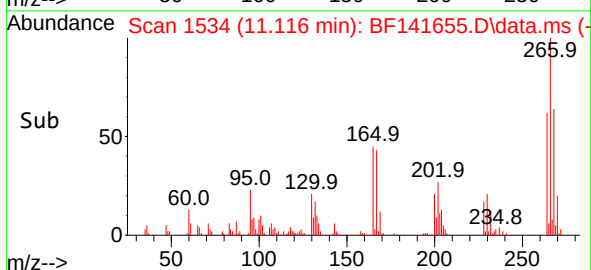
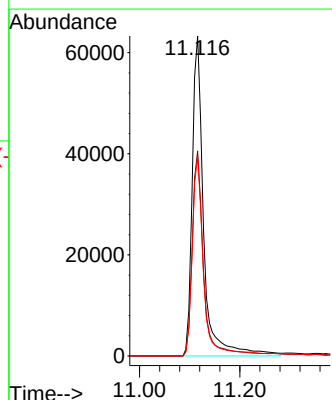
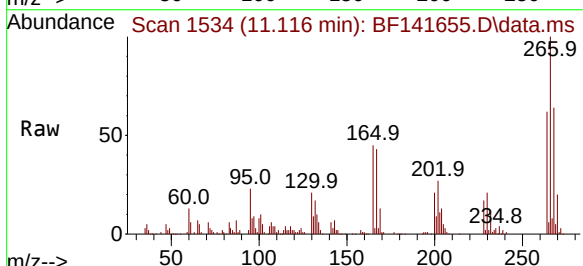
Tgt Ion:266 Resp: 101069

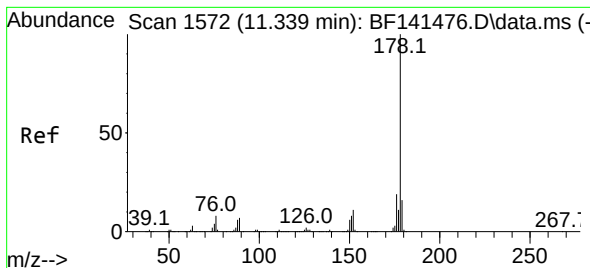
Ion Ratio Lower Upper

266 100

268 64.1 50.1 75.1

264 62.3 50.1 75.1





#71

Phenanthrene

Concen: 39.638 ng

RT: 11.327 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

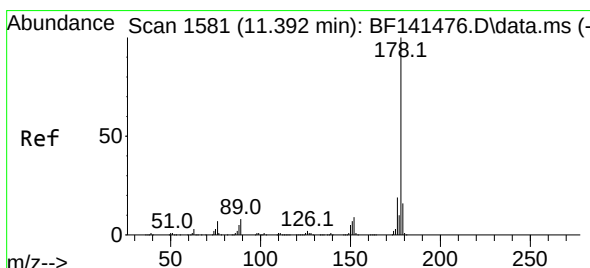
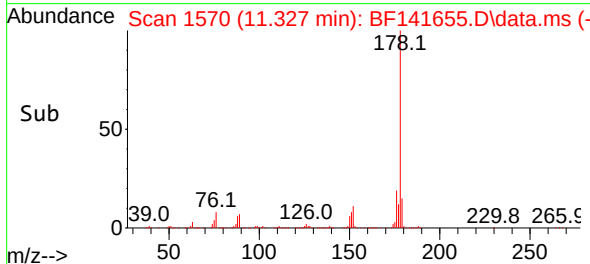
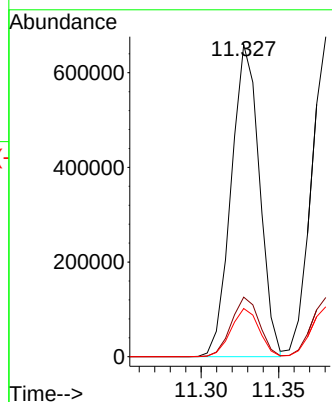
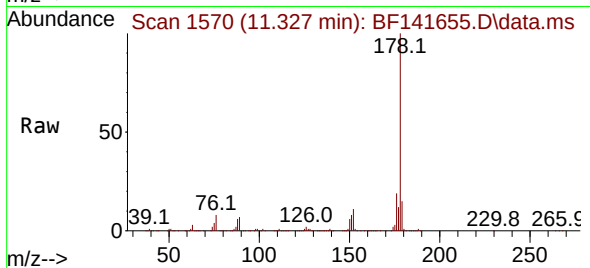
Tgt Ion:178 Resp: 836194

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 39.976 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

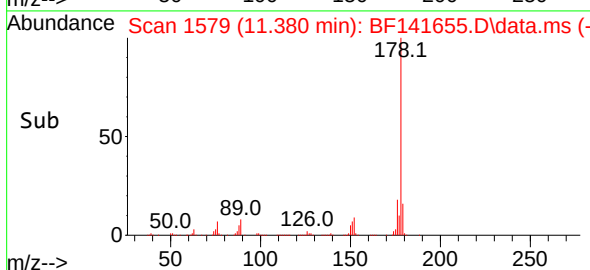
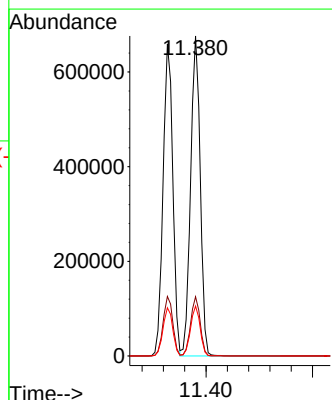
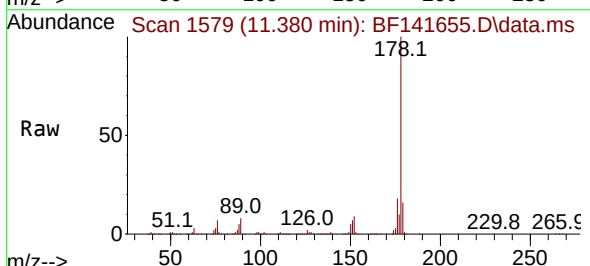
Tgt Ion:178 Resp: 847750

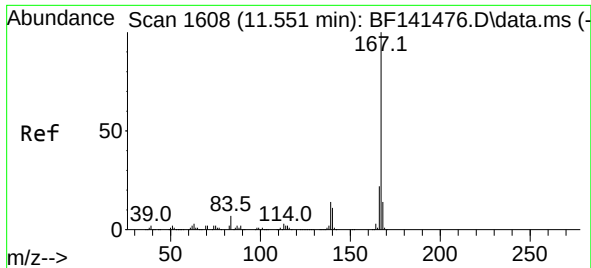
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.6 12.4 18.6

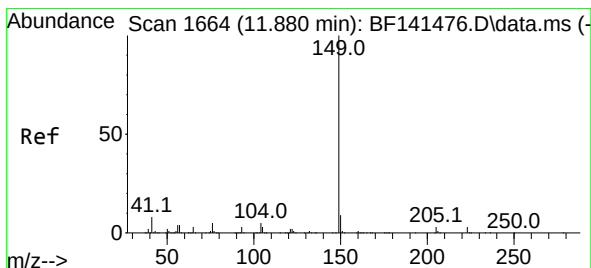
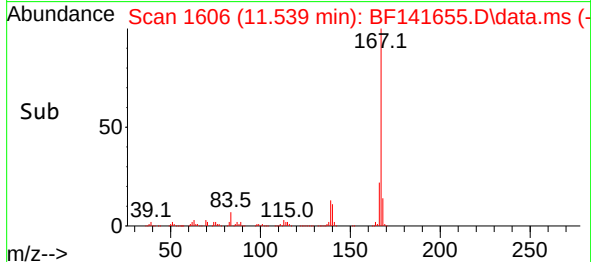
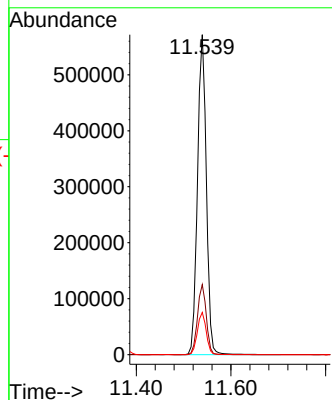
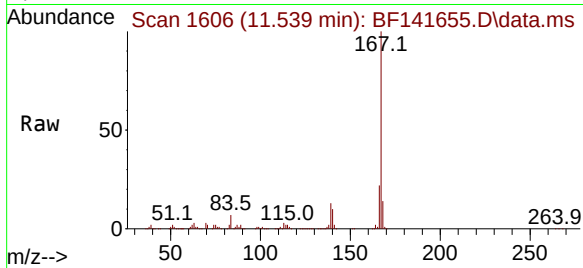




#73
 Carbazole
 Concen: 38.864 ng
 RT: 11.539 min Scan# 1606
 Delta R.T. -0.012 min
 Lab File: BF141655.D
 Acq: 18 Feb 2025 10:20

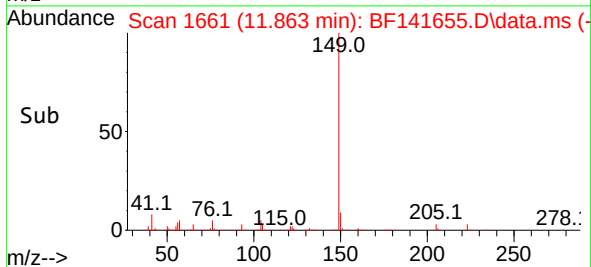
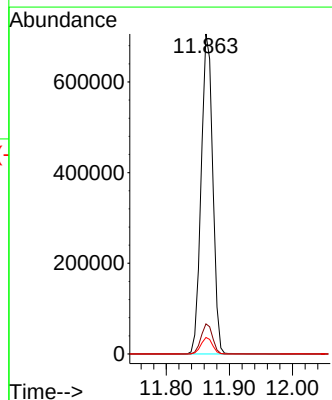
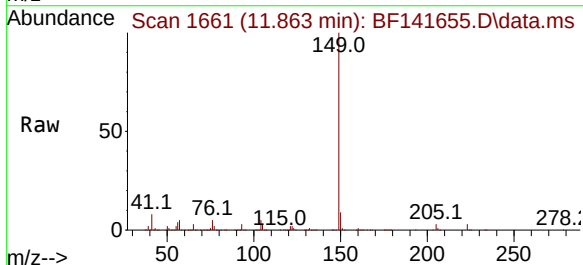
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

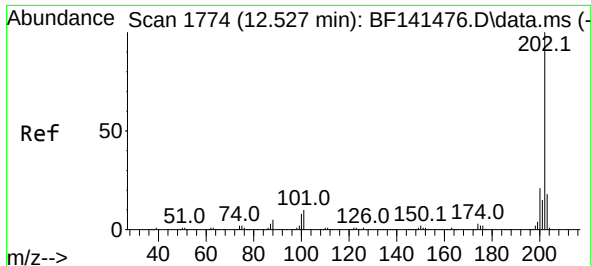
Tgt Ion:167 Resp: 741591
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.2 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.684 ng
 RT: 11.863 min Scan# 1661
 Delta R.T. -0.018 min
 Lab File: BF141655.D
 Acq: 18 Feb 2025 10:20

Tgt Ion:149 Resp: 896373
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.2 4.2 6.2

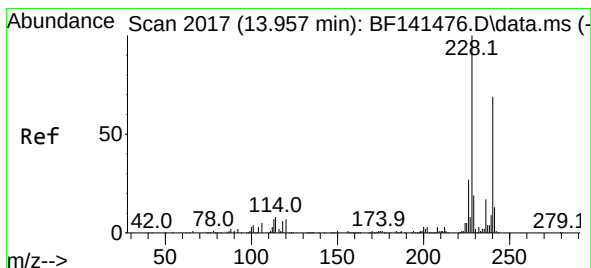
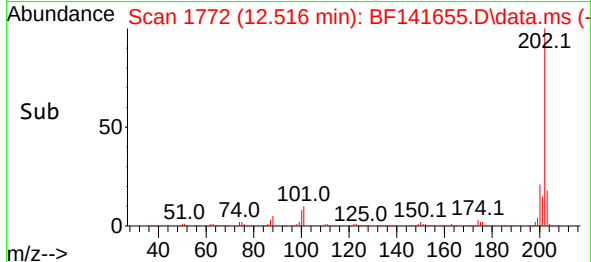
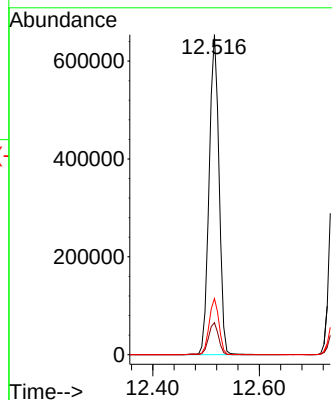
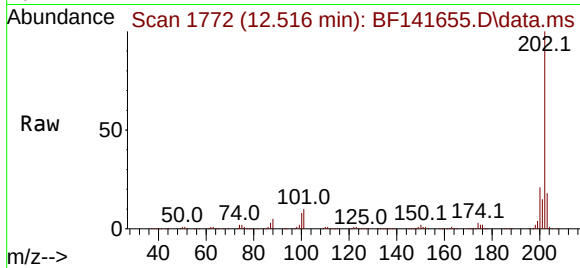




#75
Fluoranthene
Concen: 37.602 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

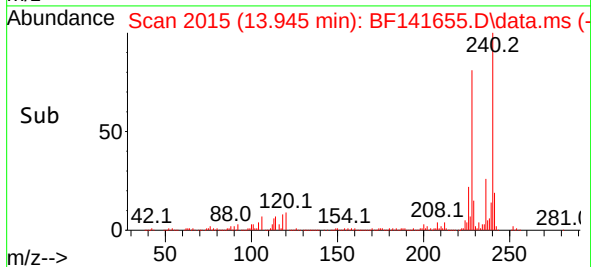
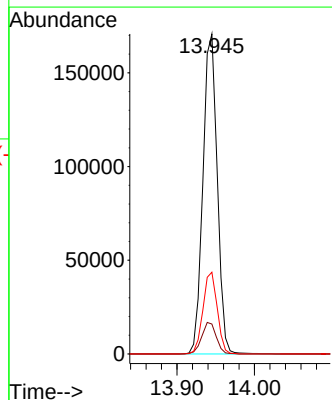
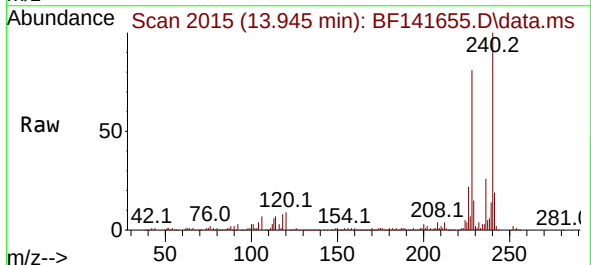
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

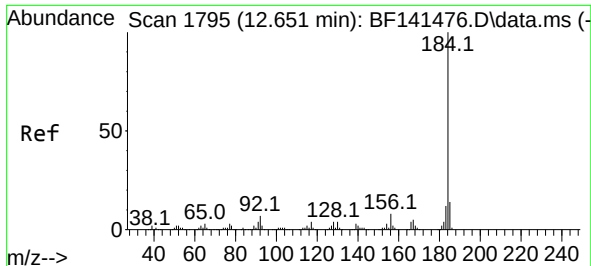
Tgt Ion:202 Resp: 841010
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:240 Resp: 218926
Ion Ratio Lower Upper
240 100
120 9.4 8.0 12.0
236 25.5 19.8 29.8

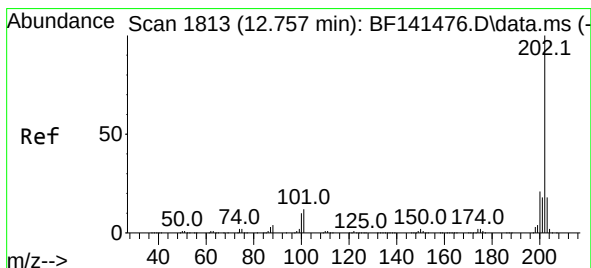
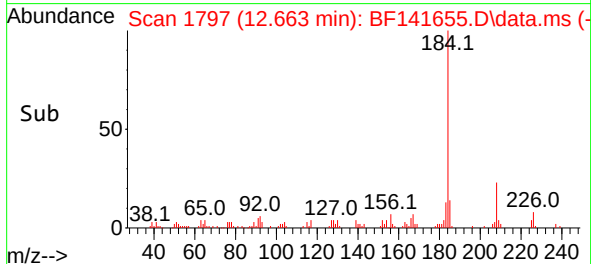
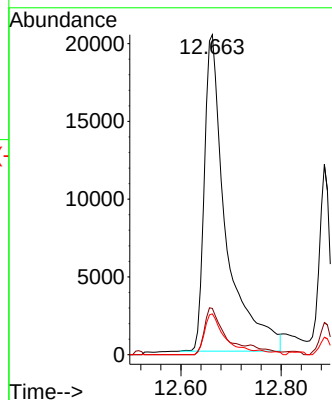
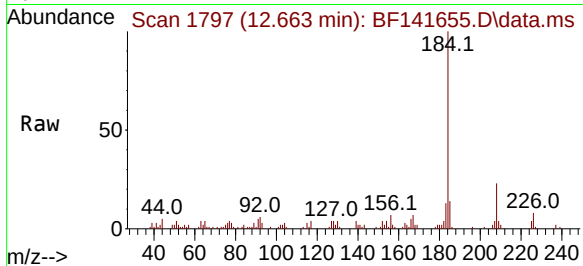




#77
Benzidine
Concen: 12.653 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

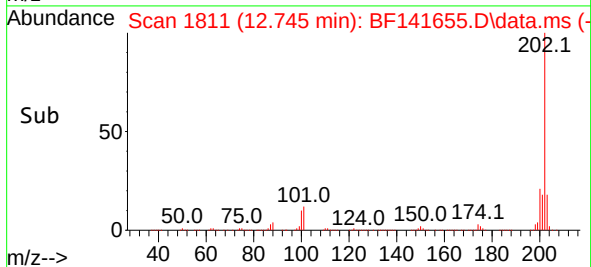
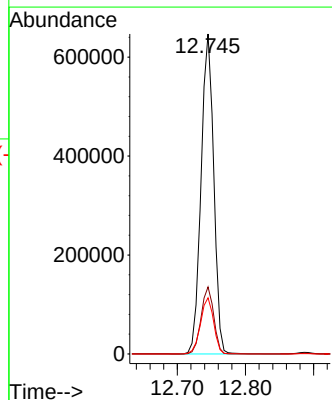
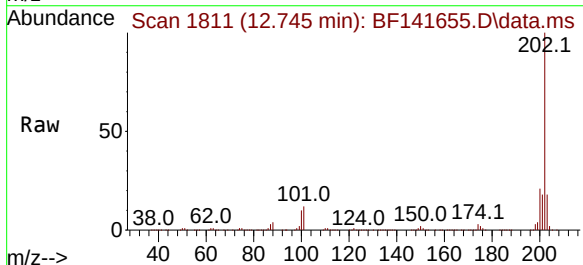
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

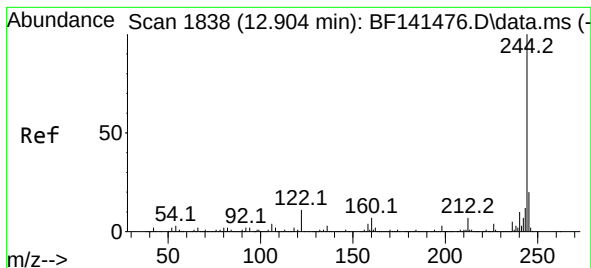
Tgt Ion:184 Resp: 61094
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 12.8 9.3 13.9



#78
Pyrene
Concen: 44.944 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:202 Resp: 837591
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 90.538 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

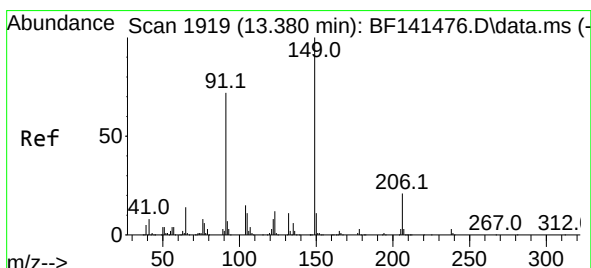
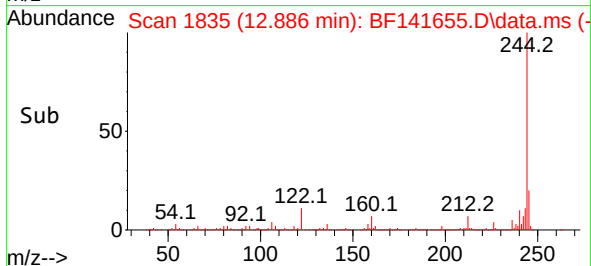
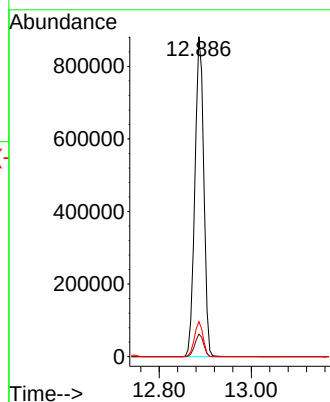
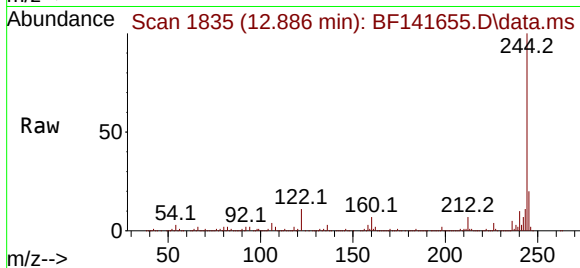
Tgt Ion:244 Resp: 1174122

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.9 8.4 12.6



#80

Butylbenzylphthalate

Concen: 45.413 ng

RT: 13.363 min Scan# 1916

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

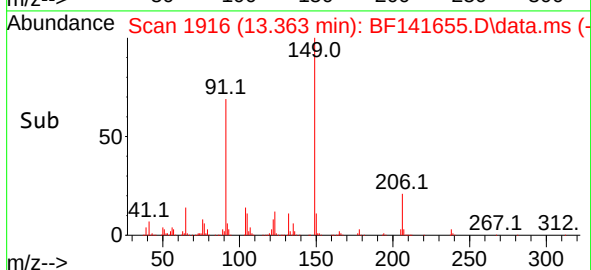
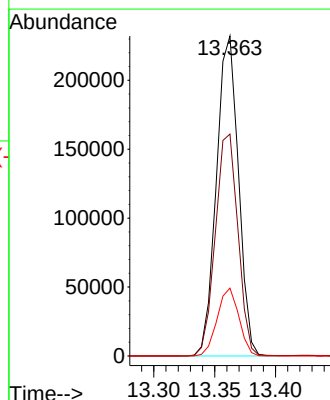
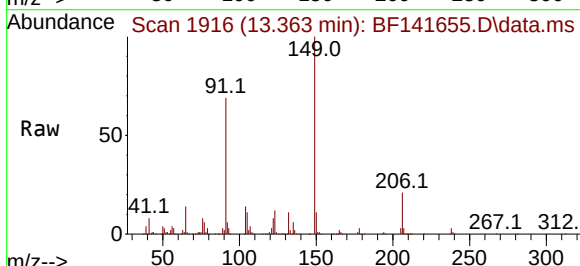
Tgt Ion:149 Resp: 293146

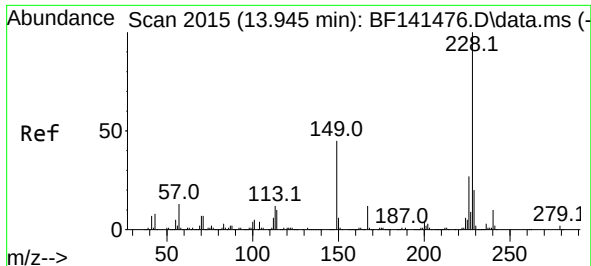
Ion Ratio Lower Upper

149 100

91 69.3 57.8 86.8

206 21.2 16.7 25.1

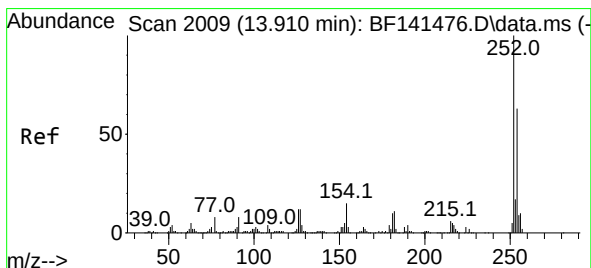
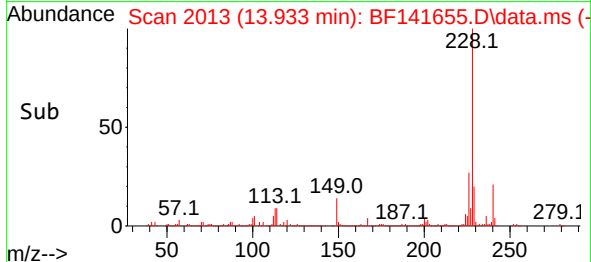
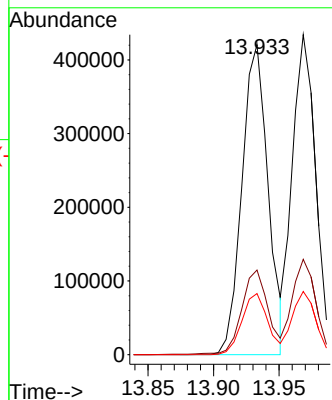
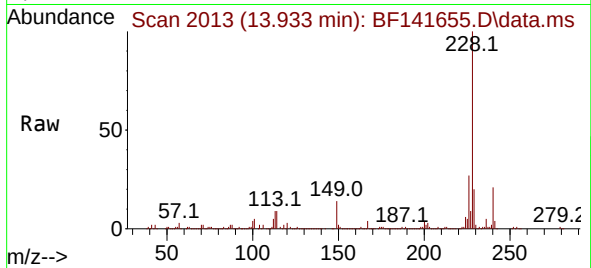




#81
Benzo(a)anthracene
Concen: 40.159 ng
RT: 13.933 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

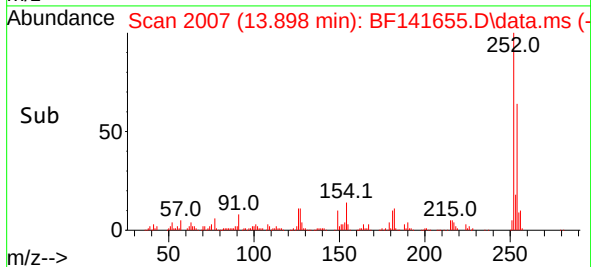
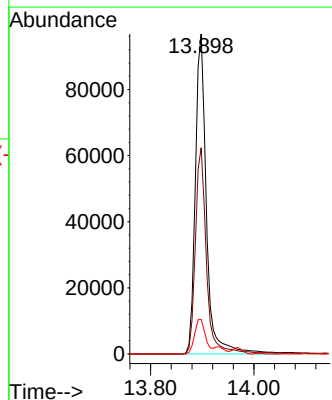
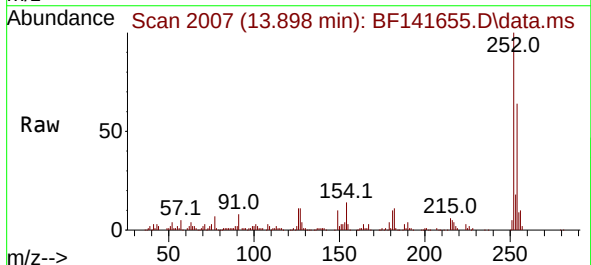
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

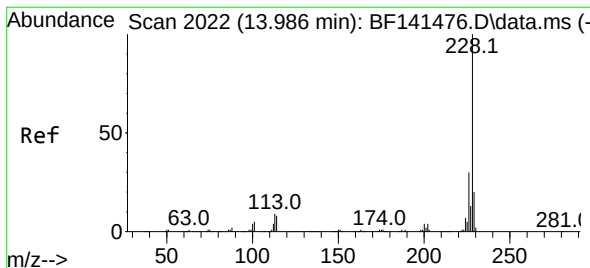
Tgt Ion:228 Resp: 584422
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 34.690 ng
RT: 13.898 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:252 Resp: 144611
Ion Ratio Lower Upper
252 100
254 64.4 50.6 76.0
126 10.8 9.3 13.9





#83

Chrysene

Concen: 40.003 ng

RT: 13.968 min Scan# 2011

Delta R.T. -0.023 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

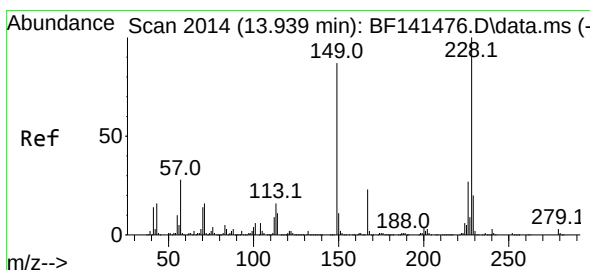
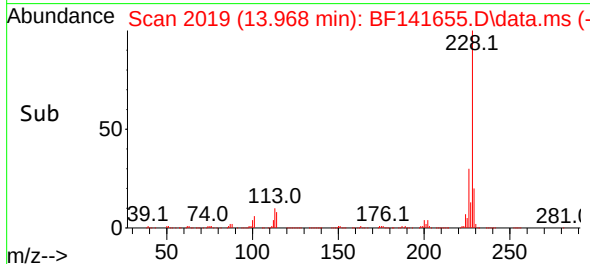
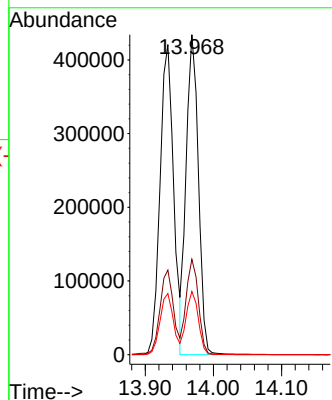
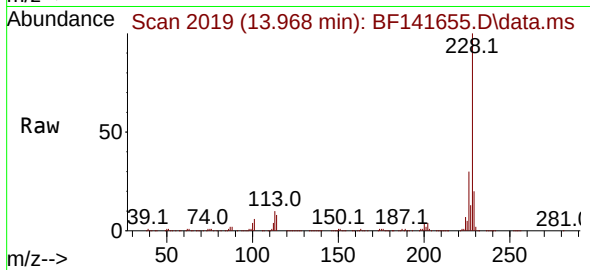
Tgt Ion:228 Resp: 537527

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.695 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

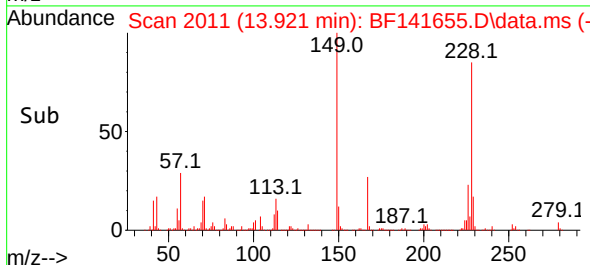
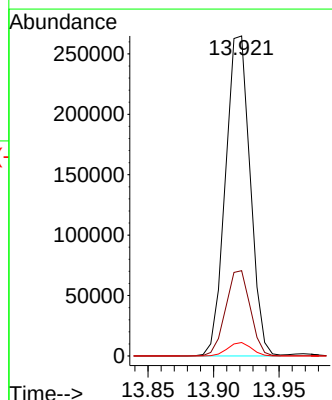
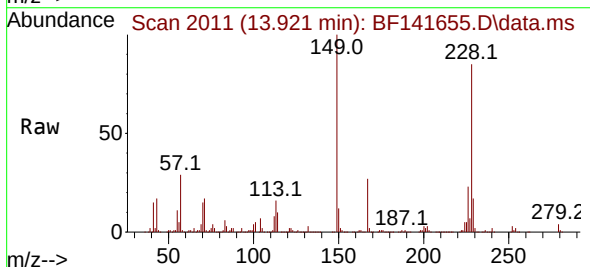
Tgt Ion:149 Resp: 347240

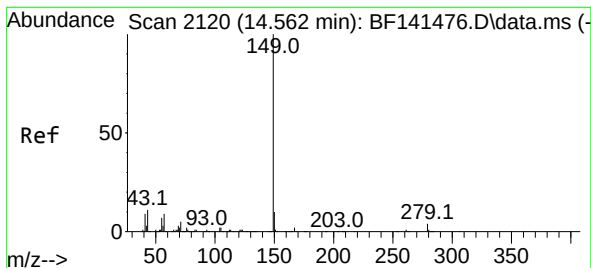
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 47.682 ng

RT: 14.533 min Scan# 2115

Delta R.T. -0.029 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

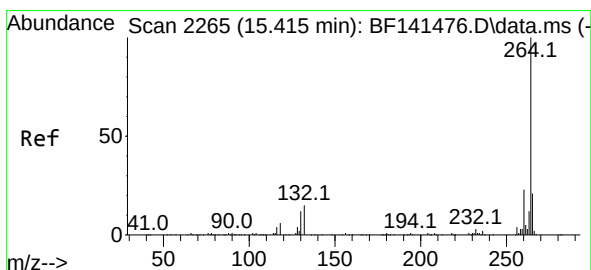
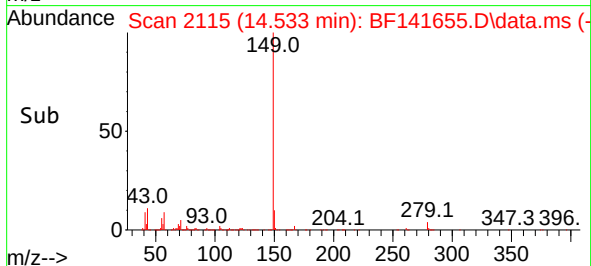
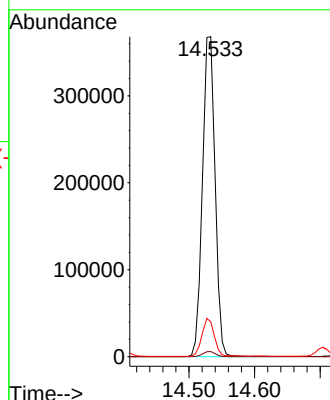
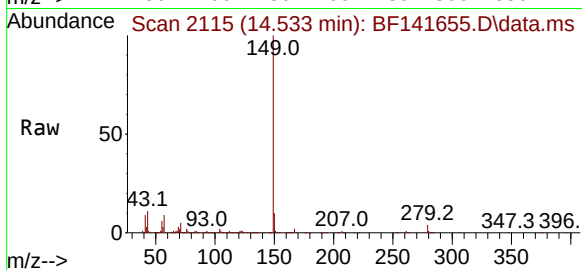
Tgt Ion:149 Resp: 495232

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.035 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

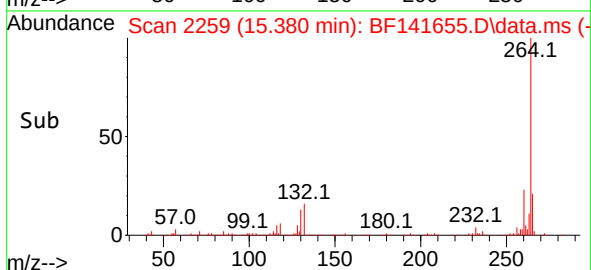
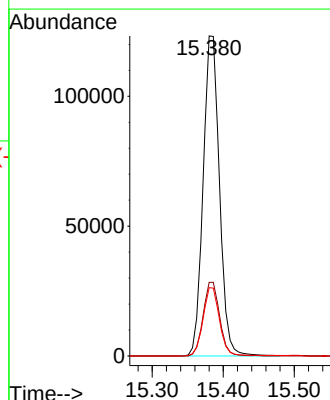
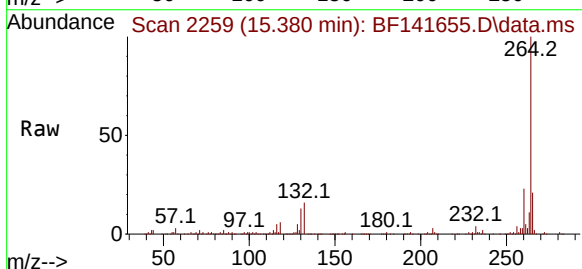
Tgt Ion:264 Resp: 197651

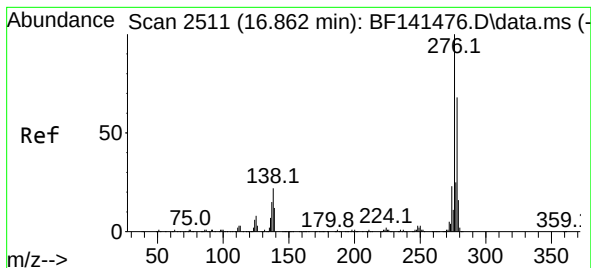
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.833 ng

RT: 16.821 min Scan# 2189

Delta R.T. -0.053 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

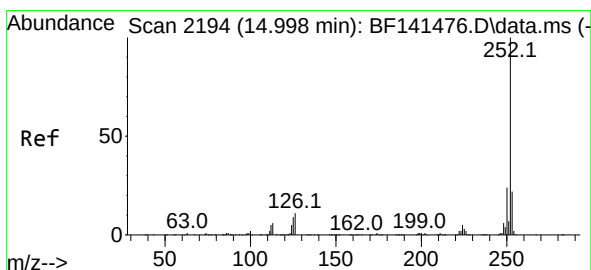
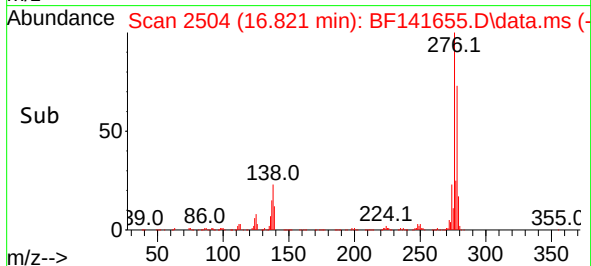
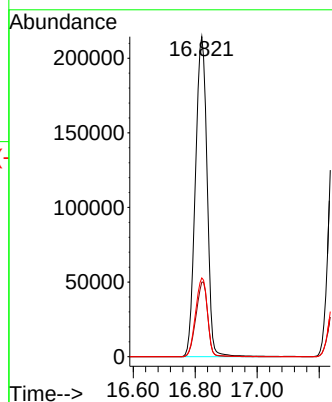
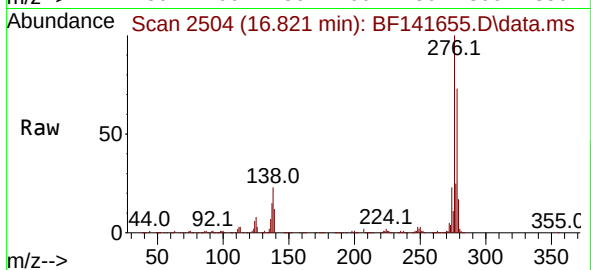
Tgt Ion:276 Resp: 559741

Ion Ratio Lower Upper

276 100

138 23.2 18.0 27.0

277 25.0 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 37.153 ng

RT: 14.968 min Scan# 2189

Delta R.T. -0.035 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

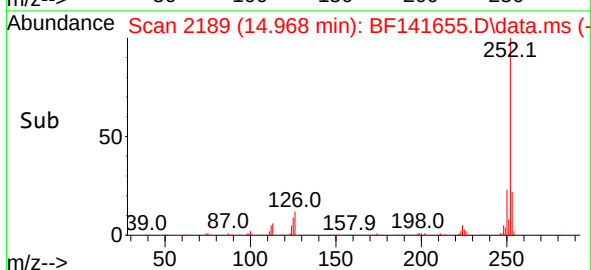
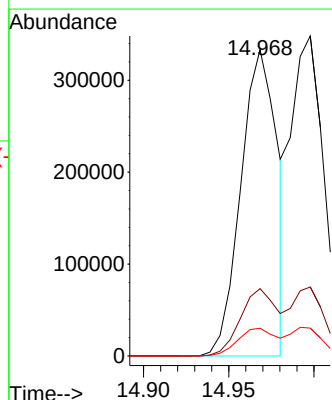
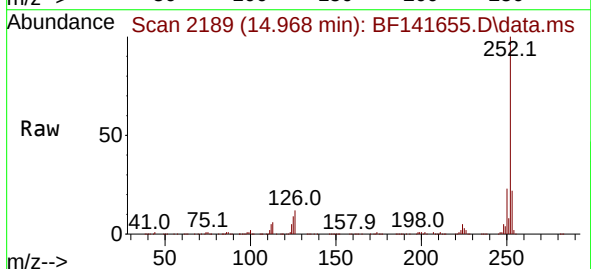
Tgt Ion:252 Resp: 493072

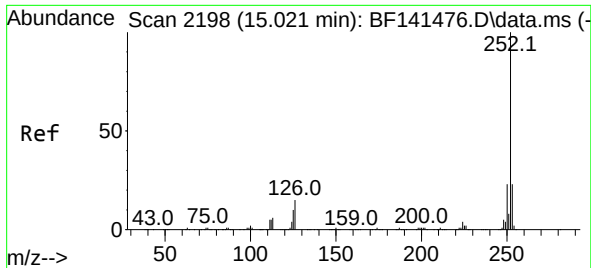
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.0 7.0 10.6

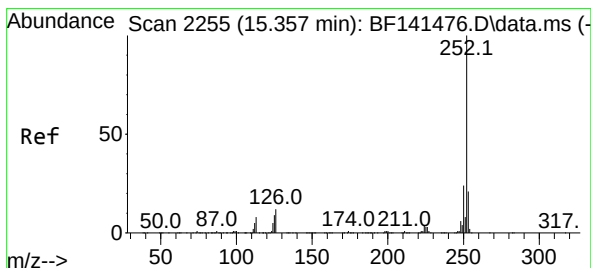
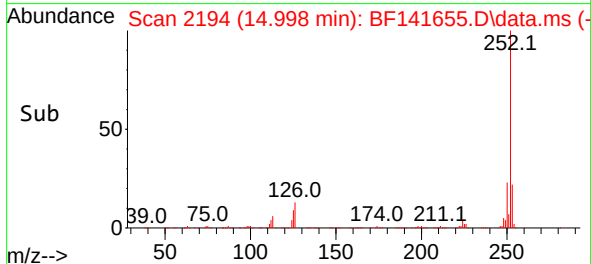
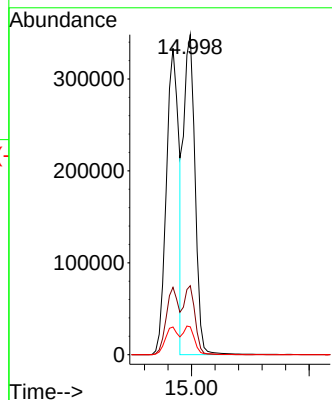
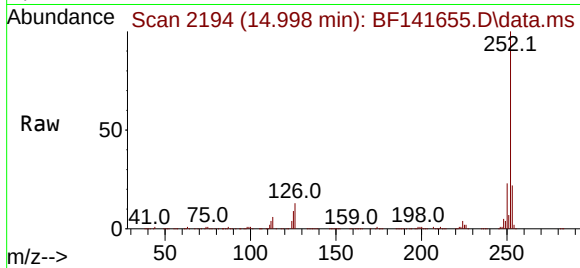




#89
Benzo(k)fluoranthene
Concen: 41.406 ng
RT: 14.998 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

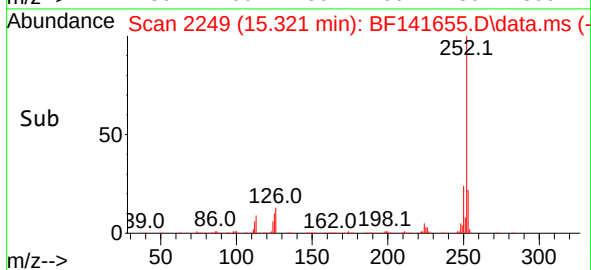
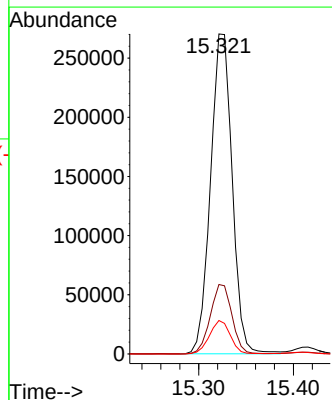
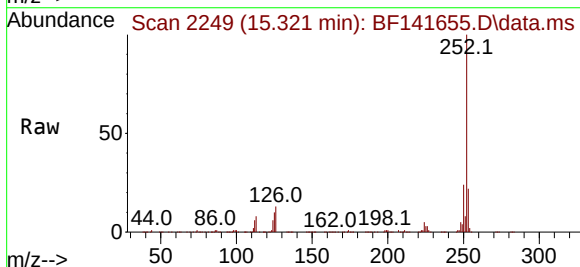
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

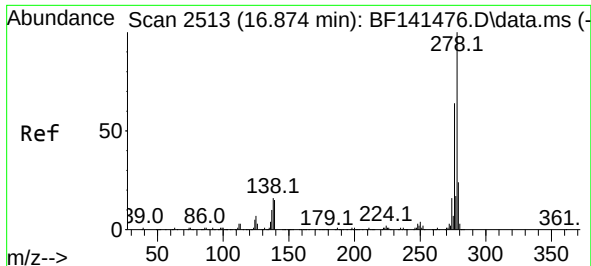
Tgt Ion:252 Resp: 469230
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 8.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.961 ng
RT: 15.321 min Scan# 2249
Delta R.T. -0.041 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:252 Resp: 429129
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.5 7.4 11.2

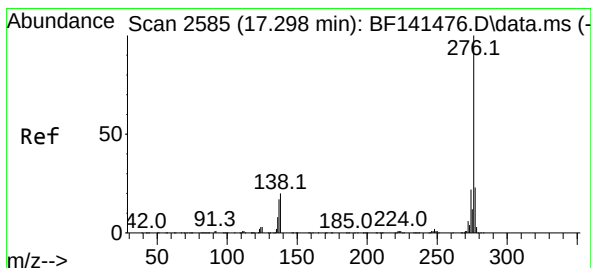
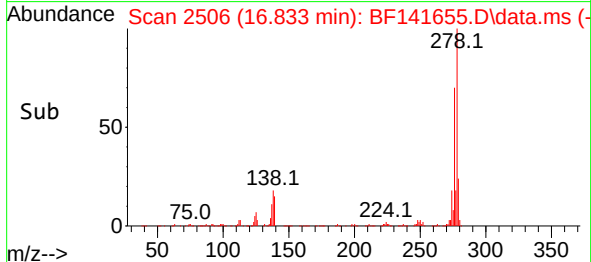
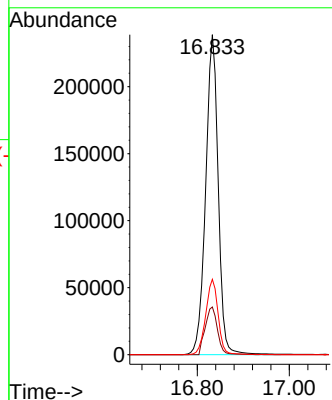
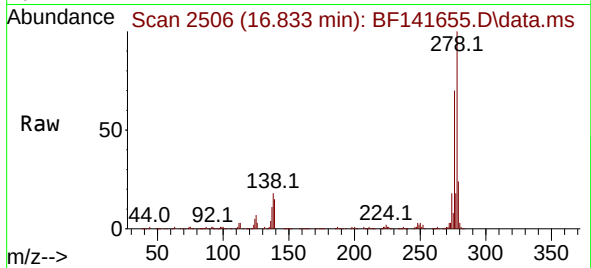




#91
Dibenzo(a,h)anthracene
Concen: 45.917 ng
RT: 16.833 min Scan# 2506
Delta R.T. -0.059 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 454381
Ion Ratio Lower Upper
278 100
139 14.9 11.8 17.6
279 23.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 46.213 ng
RT: 17.251 min Scan# 2577
Delta R.T. -0.065 min
Lab File: BF141655.D
Acq: 18 Feb 2025 10:20

Tgt Ion:276 Resp: 478556
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 19.8 15.9 23.9

