

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141622.D
 Acq On : 13 Feb 2025 18:34
 Operator : RC/JU
 Sample : Q1353-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346MSD

Quant Time: Feb 14 00:36:13 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	6.787	152	98476	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	396174	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	211327	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	332942	20.000	ng	0.00
76) Chrysene-d12	13.951	240	197425	20.000	ng	-0.01
86) Perylene-d12	15.398	264	194984	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	685064	109.063	ng	0.00
7) Phenol-d6	6.434	99	851118	107.205	ng	0.00
23) Nitrobenzene-d5	7.351	82	565700	74.477	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	223132	105.108	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1052924	76.762	ng	0.00
79) Terphenyl-d14	12.892	244	938410	80.243	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	111834	44.236	ng	99
3) Pyridine	3.322	79	238690	39.676	ng	97
4) n-Nitrosodimethylamine	3.281	42	167596	42.073	ng	95
6) Aniline	6.457	93	127831	17.165	ng	# 71
8) 2-Chlorophenol	6.575	128	314076	46.274	ng	100
9) Benzaldehyde	6.334	77	162629	38.548	ng	100
10) Phenol	6.445	94	368256	44.566	ng	82
11) bis(2-Chloroethyl)ether	6.522	93	300135	48.358	ng	99
12) 1,3-Dichlorobenzene	6.728	146	324212	45.246	ng	98
13) 1,4-Dichlorobenzene	6.804	146	331906	45.336	ng	99
14) 1,2-Dichlorobenzene	6.951	146	315431	46.422	ng	99
15) Benzyl Alcohol	6.934	79	250130	41.085	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	463625	43.638	ng	71
17) 2-Methylphenol	7.051	107	240277	45.238	ng	95
18) Hexachloroethane	7.292	117	123742	45.671	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	218545	46.020	ng	96
20) 3+4-Methylphenols	7.210	107	320141	47.428	ng	# 73
22) Acetophenone	7.198	105	481125	48.820	ng	93
24) Nitrobenzene	7.369	77	327428	44.207	ng	100
25) Isophorone	7.610	82	579303	47.833	ng	99
26) 2-Nitrophenol	7.687	139	170380	46.237	ng	95
27) 2,4-Dimethylphenol	7.728	122	247112	57.403	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	357004	46.003	ng	100
29) 2,4-Dichlorophenol	7.939	162	267034	45.910	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	285180	45.024	ng	99
31) Naphthalene	8.092	128	921143	44.667	ng	100
32) Benzoic acid	7.875	122	193610	43.299	ng	98
33) 4-Chloroaniline	8.163	127	50134	6.963	ng	99
34) Hexachlorobutadiene	8.204	225	175601	46.181	ng	99
35) Caprolactam	8.522	113	67732	38.247	ng	94
36) 4-Chloro-3-methylphenol	8.639	107	281580	43.704	ng	99
37) 2-Methylnaphthalene	8.781	142	581335	43.320	ng	100
38) 1-Methylnaphthalene	8.881	142	561085	43.169	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	309619	50.641	ng	99
41) Hexachlorocyclopentadiene	8.934	237	277132	136.280	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	180984	45.801	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141622.D
 Acq On : 13 Feb 2025 18:34
 Operator : RC/JU
 Sample : Q1353-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346MSD

Quant Time: Feb 14 00:36:13 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

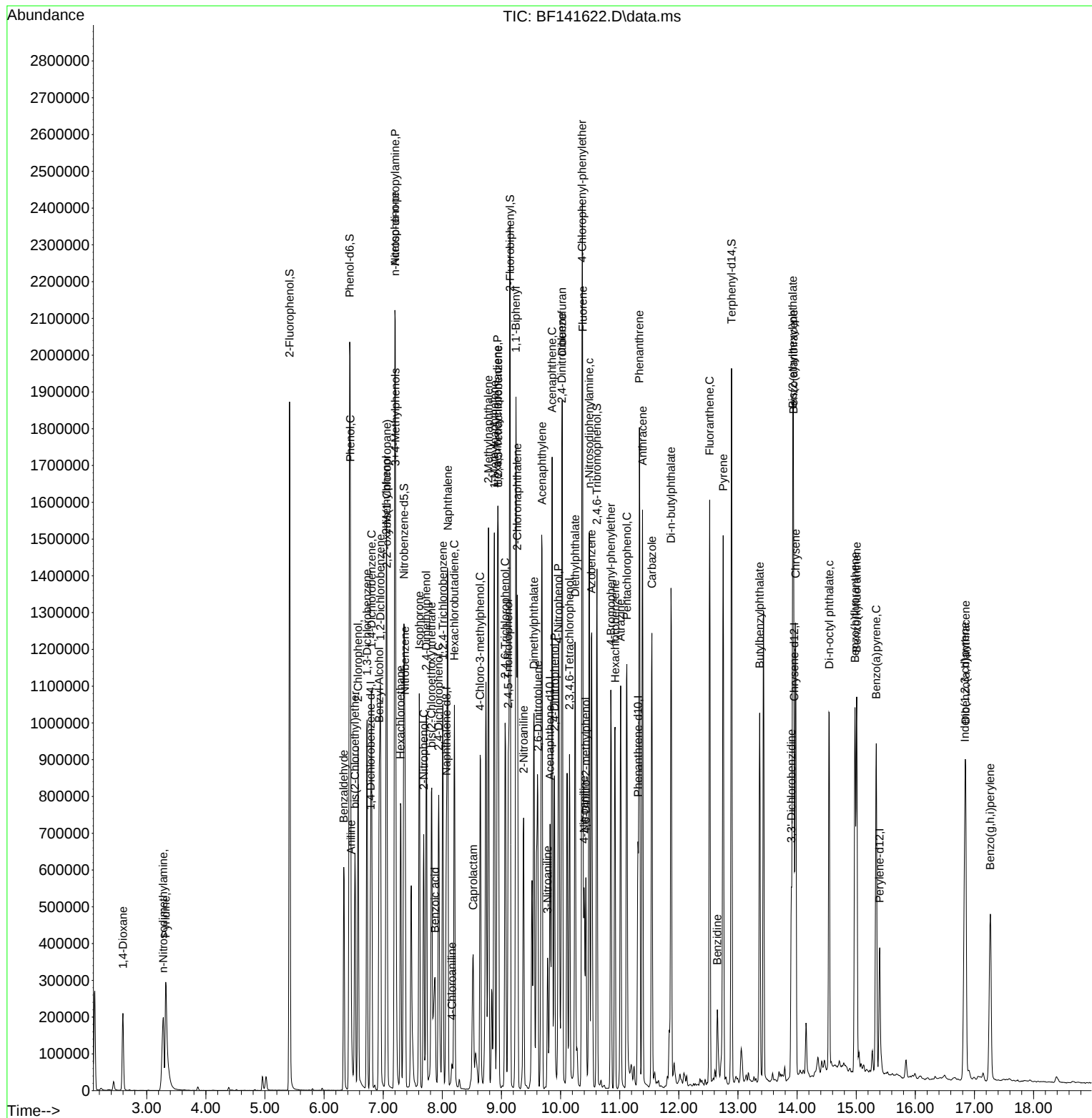
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	192104	44.858	ng	99
46) 1,1'-Biphenyl	9.245	154	828189	50.549	ng	100
47) 2-Chloronaphthalene	9.269	162	559936	46.217	ng	100
48) 2-Nitroaniline	9.375	65	183579	45.151	ng	97
49) Acenaphthylene	9.686	152	851076	47.229	ng	99
50) Dimethylphthalate	9.551	163	669899	46.694	ng	99
51) 2,6-Dinitrotoluene	9.616	165	143939	45.896	ng	96
52) Acenaphthene	9.857	154	553304	45.672	ng	99
53) 3-Nitroaniline	9.781	138	76840	22.764	ng	98
54) 2,4-Dinitrophenol	9.898	184	174352	93.539	ng	93
55) Dibenzofuran	10.028	168	782310	43.994	ng	100
56) 4-Nitrophenol	9.963	139	201335	80.349	ng	96
57) 2,4-Dinitrotoluene	10.022	165	190824	45.705	ng	95
58) Fluorene	10.375	166	612305	44.534	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	155988	42.308	ng	98
60) Diethylphthalate	10.245	149	641262	45.431	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	296174	44.776	ng	99
62) 4-Nitroaniline	10.398	138	130225	37.994	ng	98
63) Azobenzene	10.522	77	667147	47.544	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	108706	47.002	ng	97
66) n-Nitrosodiphenylamine	10.486	169	529786	49.709	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	180677	48.555	ng	97
68) Hexachlorobenzene	10.922	284	186672	48.718	ng	99
69) Atrazine	11.016	200	187643	58.687	ng	99
70) Pentachlorophenol	11.122	266	202757	82.756	ng	99
71) Phenanthrene	11.333	178	959629	52.362	ng	100
72) Anthracene	11.386	178	879507	47.739	ng	100
73) Carbazole	11.545	167	714592	43.108	ng	100
74) Di-n-butylphthalate	11.869	149	936556	48.930	ng	100
75) Fluoranthene	12.522	202	919428	47.320	ng	100
77) Benzidine	12.651	184	122134	28.050	ng	99
78) Pyrene	12.751	202	877504	52.213	ng	100
80) Butylbenzylphthalate	13.369	149	313519	53.858	ng	99
81) Benzo(a)anthracene	13.939	228	657339	50.089	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	147593	39.261	ng	99
83) Chrysene	13.974	228	608834	50.244	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	421005	64.125	ng	99
85) Di-n-octyl phthalate	14.545	149	675420	72.113	ng	99
87) Indeno(1,2,3-cd)pyrene	16.839	276	552012	45.818	ng	99
88) Benzo(b)fluoranthene	14.980	252	614700	46.951	ng	100
89) Benzo(k)fluoranthene	15.010	252	577212	51.631	ng	99
90) Benzo(a)pyrene	15.339	252	562324	53.080	ng	99
91) Dibenzo(a,h)anthracene	16.851	278	439480	45.018	ng	100
92) Benzo(g,h,i)perylene	17.268	276	413262	40.453	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141622.D
 Acq On : 13 Feb 2025 18:34
 Operator : RC/JU
 Sample : Q1353-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346MSD

Quant Time: Feb 14 00:36:13 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

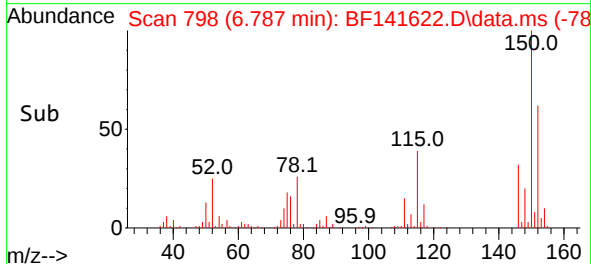
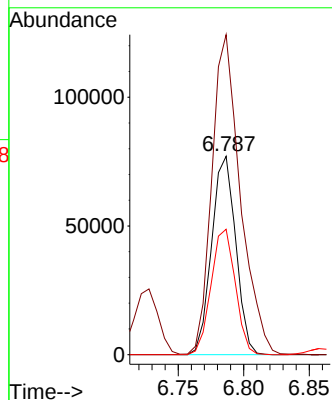
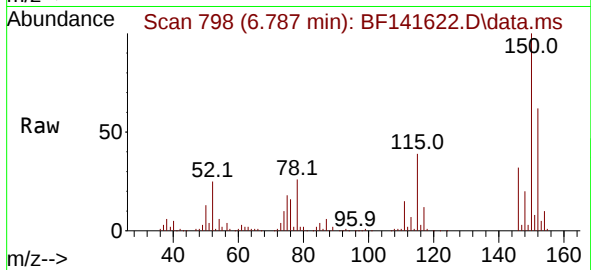




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141622.D
 Acq: 13 Feb 2025 18:34

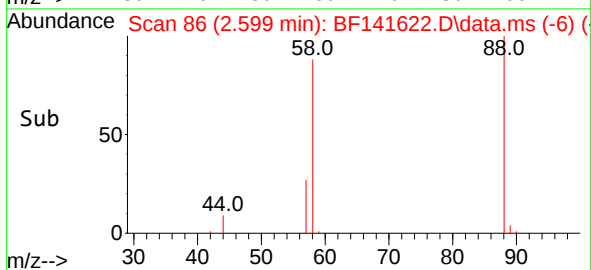
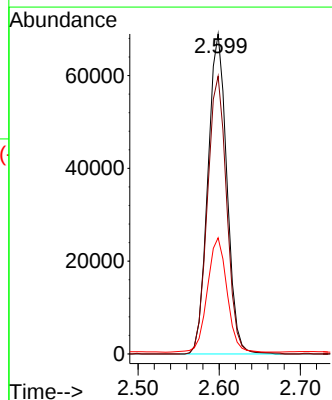
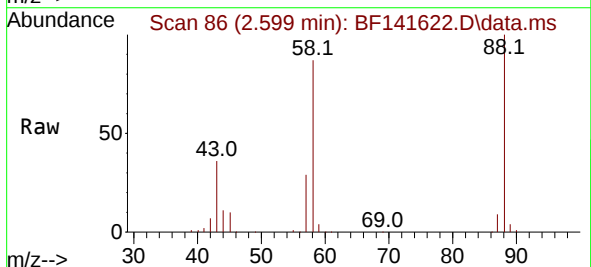
Instrument :
 BNA_F
 ClientSampleId :
 346MSD

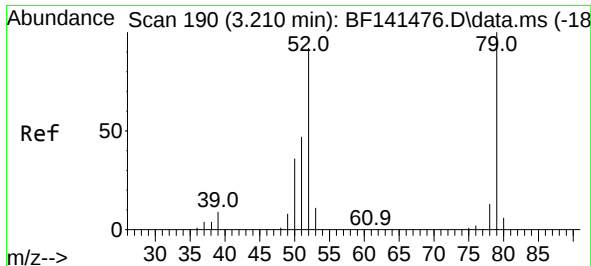
Tgt Ion:152 Resp: 98476
 Ion Ratio Lower Upper
 152 100
 150 161.3 125.0 187.4
 115 63.2 53.6 80.4



#2
 1,4-Dioxane
 Concen: 44.236 ng
 RT: 2.599 min Scan# 86
 Delta R.T. 0.118 min
 Lab File: BF141622.D
 Acq: 13 Feb 2025 18:34

Tgt Ion: 88 Resp: 111834
 Ion Ratio Lower Upper
 88 100
 58 88.3 71.1 106.7
 43 36.9 30.6 46.0





#3

Pyridine

Concen: 39.676 ng

RT: 3.322 min Scan# 201

Delta R.T. 0.106 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

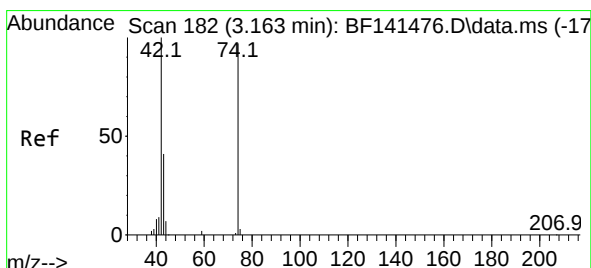
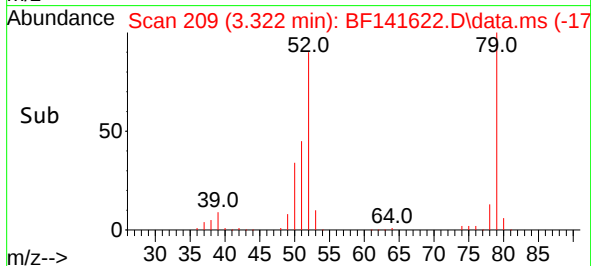
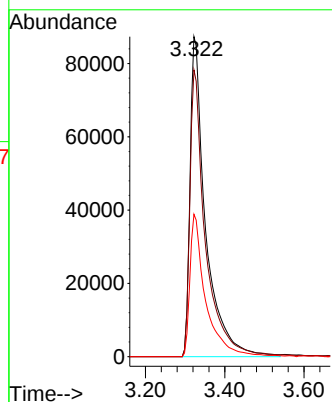
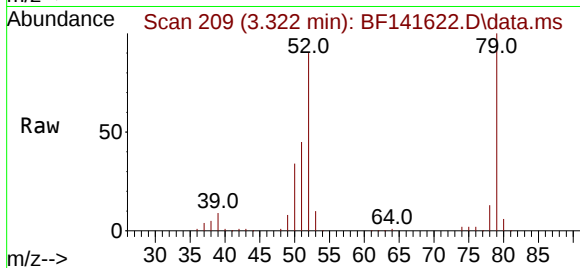
Tgt Ion: 79 Resp: 238690

Ion Ratio Lower Upper

79 100

52 89.6 73.7 110.5

51 44.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 42.073 ng

RT: 3.281 min Scan# 202

Delta R.T. 0.094 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

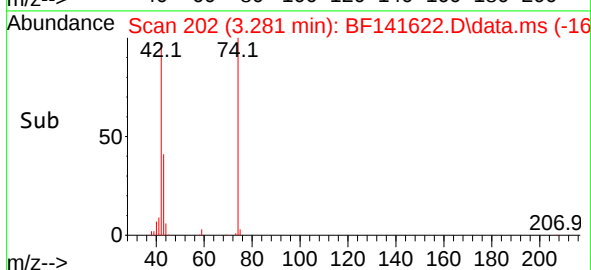
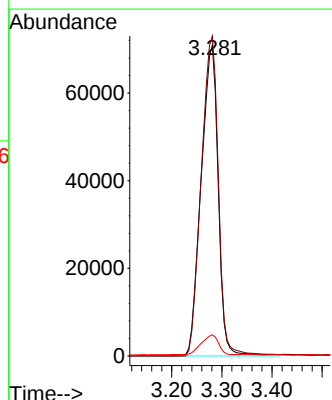
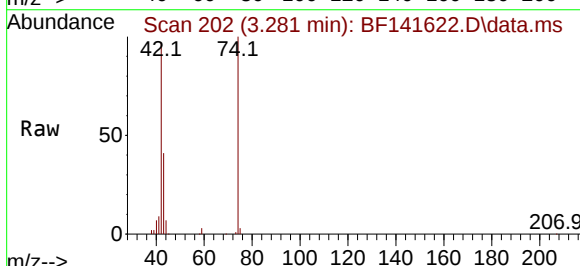
Tgt Ion: 42 Resp: 167596

Ion Ratio Lower Upper

42 100

74 103.0 78.0 117.0

44 6.8 5.4 8.2

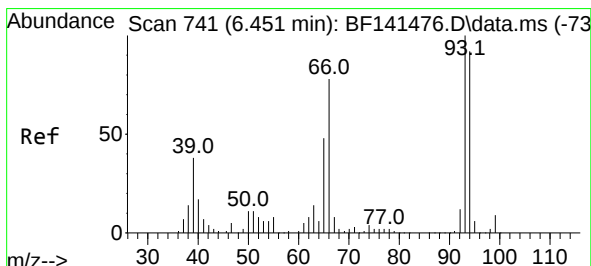
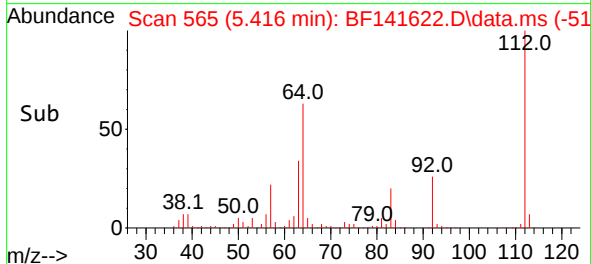
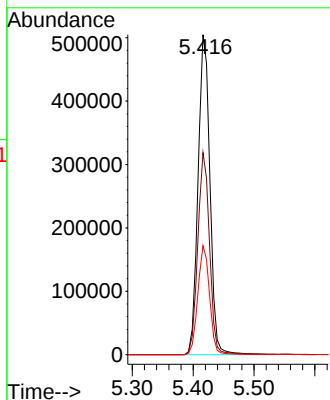
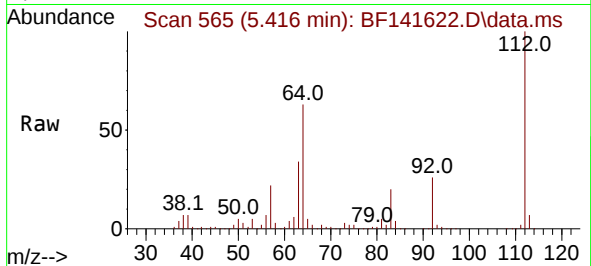




#5
2-Fluorophenol
Concen: 109.063 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

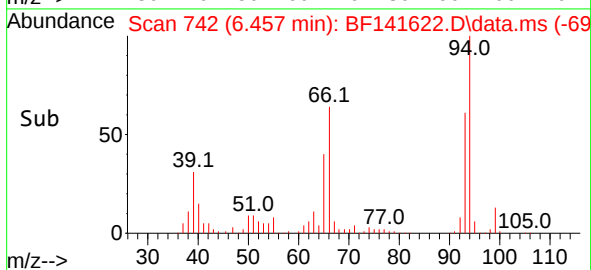
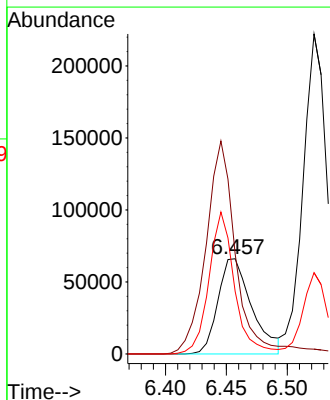
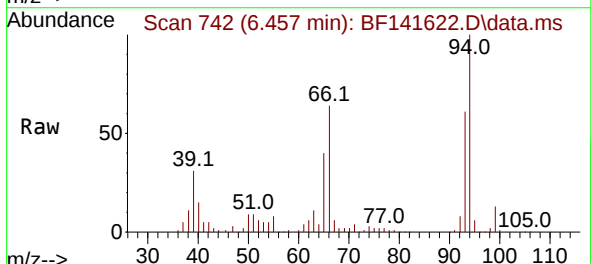
Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:112 Resp: 685064
Ion Ratio Lower Upper
112 100
64 63.2 51.1 76.7
63 34.1 28.4 42.6



#6
Aniline
Concen: 17.165 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion: 93 Resp: 127831
Ion Ratio Lower Upper
93 100
66 105.0 62.6 94.0#
65 65.8 38.3 57.5#





#7
Phenol-d6
Concen: 107.205 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

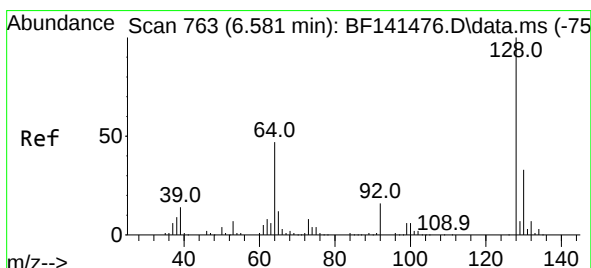
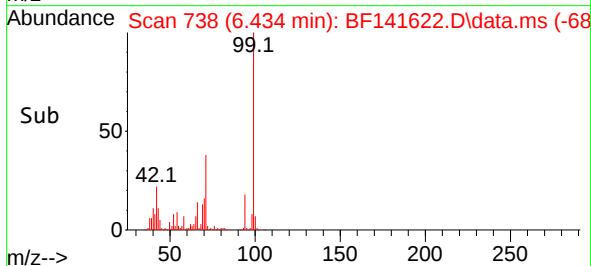
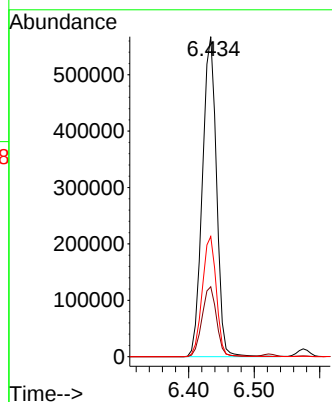
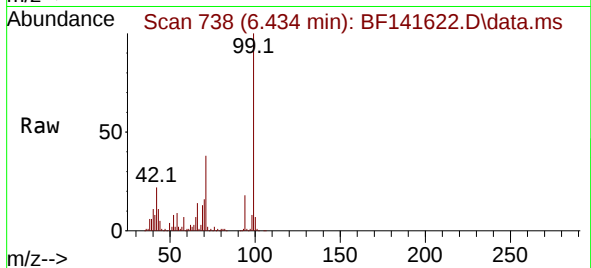
Instrument :

BNA_F

ClientSampleId :

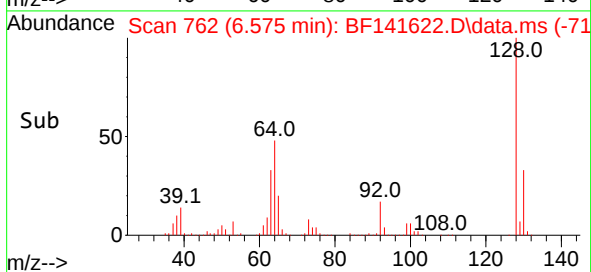
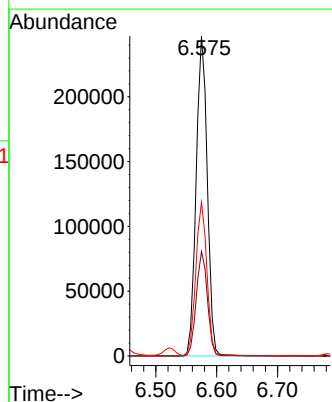
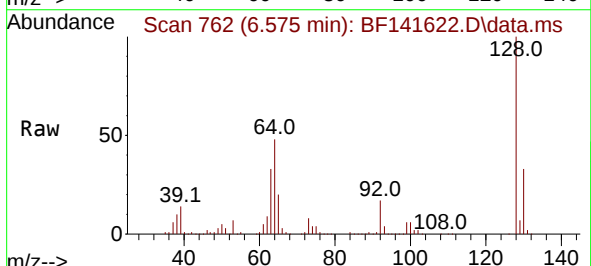
346MSD

Tgt Ion: 99 Resp: 851118
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 37.5 31.1 46.7



#8
2-Chlorophenol
Concen: 46.274 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion: 128 Resp: 314076
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 48.0 28.3 68.3





#9

Benzaldehyde

Concen: 38.548 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

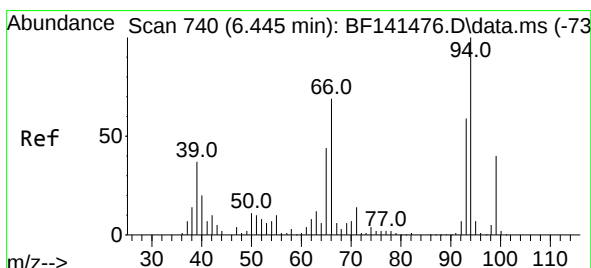
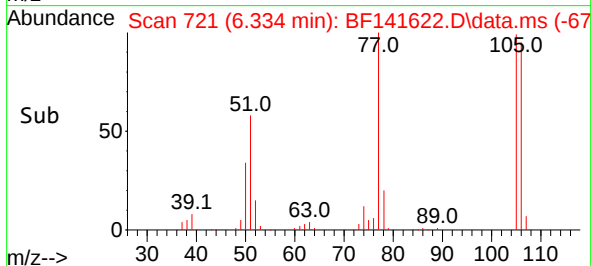
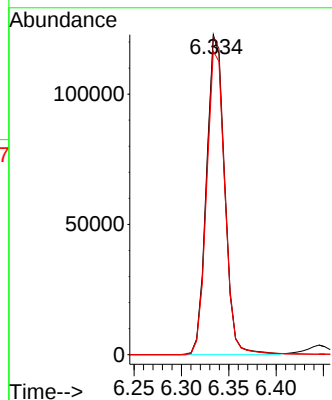
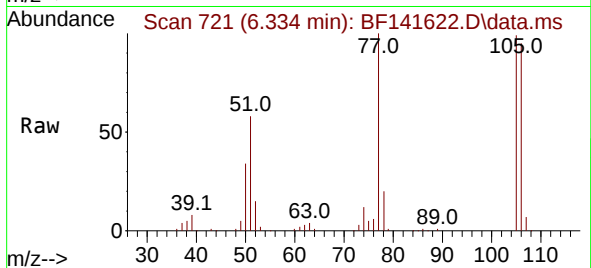
Tgt Ion: 77 Resp: 162629

Ion Ratio Lower Upper

77 100

105 99.4 79.4 119.4

106 94.9 75.1 115.1



#10

Phenol

Concen: 44.566 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

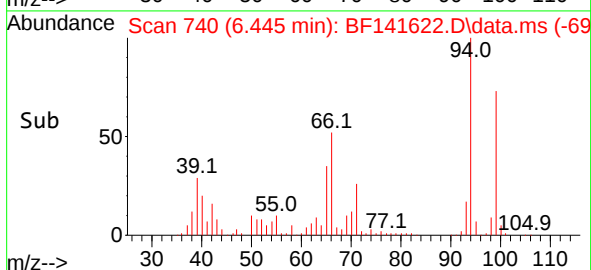
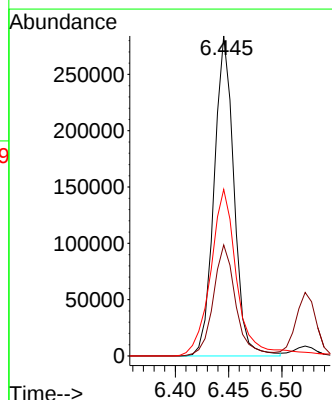
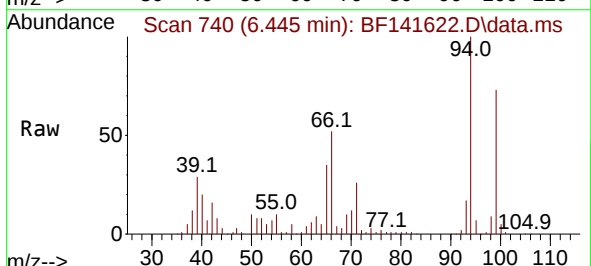
Tgt Ion: 94 Resp: 368256

Ion Ratio Lower Upper

94 100

65 34.7 23.7 63.7

66 52.0 49.3 89.3

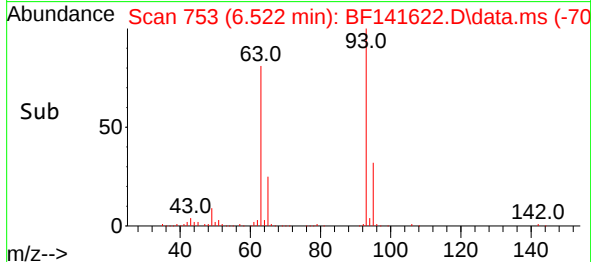
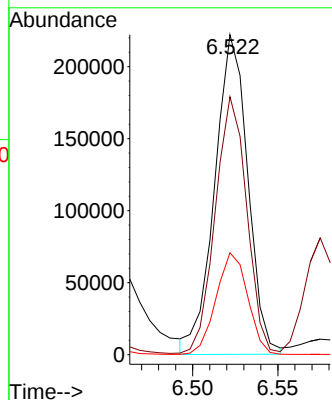
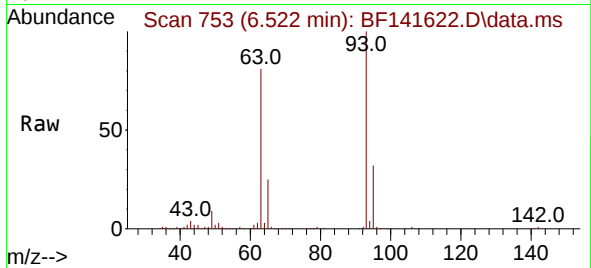




#11
bis(2-Chloroethyl)ether
Concen: 48.358 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

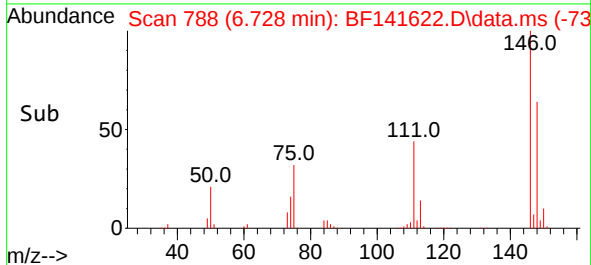
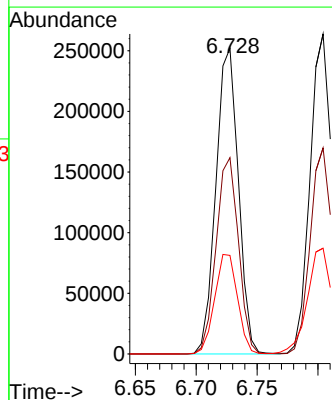
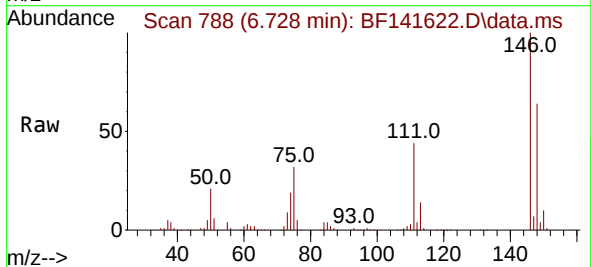
Instrument :
BNA_F
ClientSampleId :
346MSD

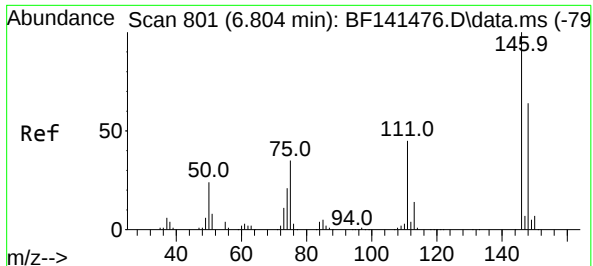
Tgt Ion: 93 Resp: 300135
Ion Ratio Lower Upper
93 100
63 80.6 62.0 102.0
95 31.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 45.246 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:146 Resp: 324212
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 32.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 45.336 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

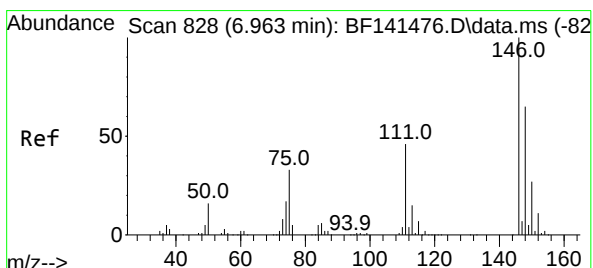
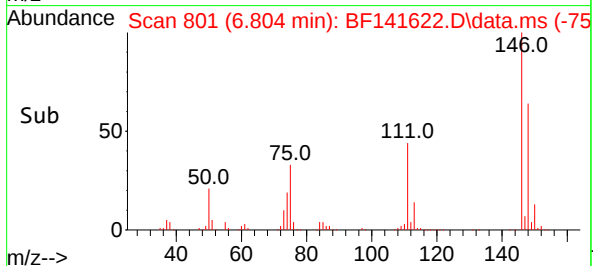
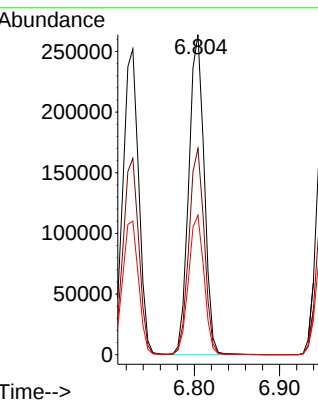
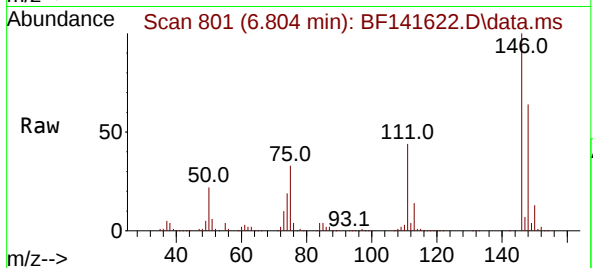
Tgt Ion:146 Resp: 331906

Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

111 43.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 46.422 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

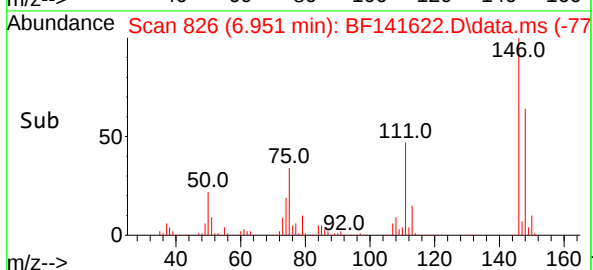
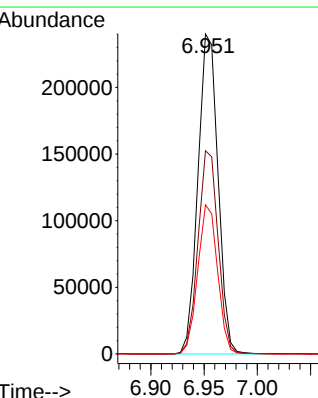
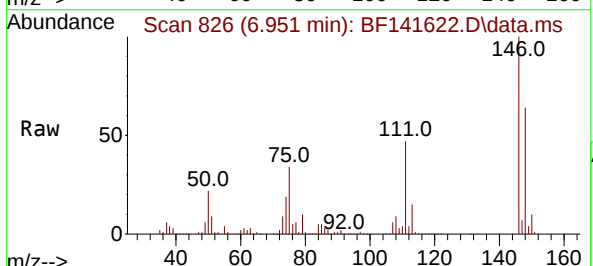
Tgt Ion:146 Resp: 315431

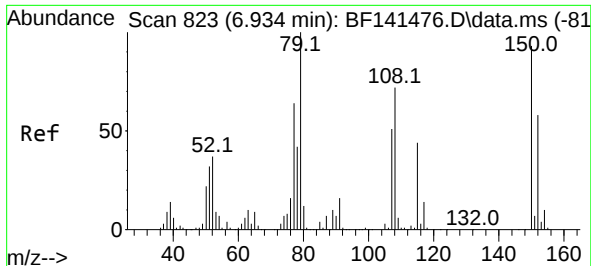
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

111 46.6 37.0 55.4

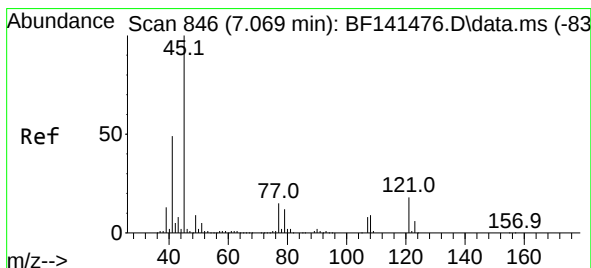
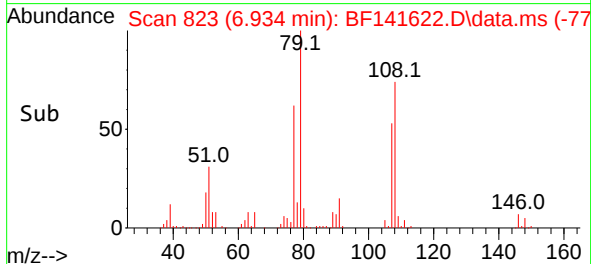
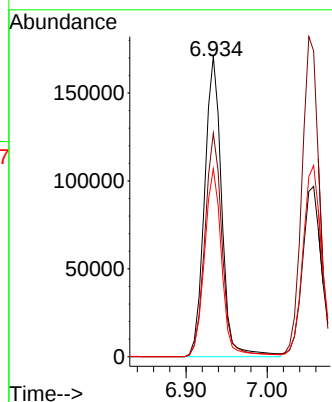
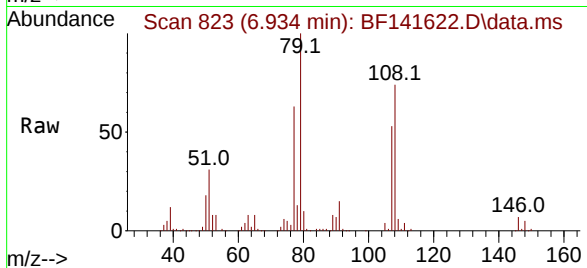




#15
Benzyl Alcohol
Concen: 41.085 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

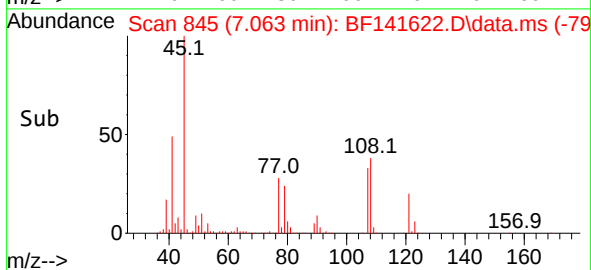
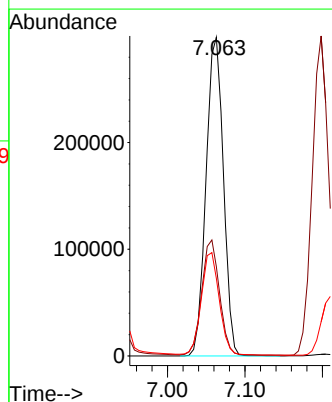
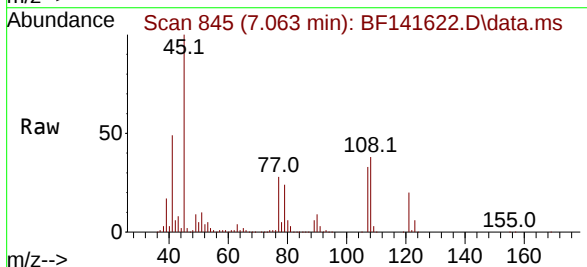
Instrument :
BNA_F
ClientSampleId :
346MSD

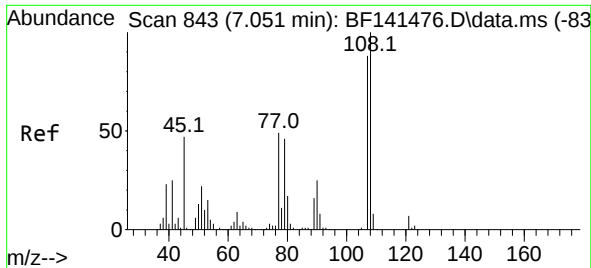
Tgt Ion: 79 Resp: 250130
Ion Ratio Lower Upper
79 100
108 74.4 57.4 86.2
77 62.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.638 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

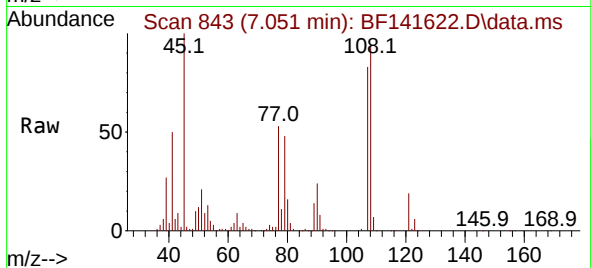
Tgt Ion: 45 Resp: 463625
Ion Ratio Lower Upper
45 100
77 28.0 0.0 35.8
79 24.4 0.0 32.7



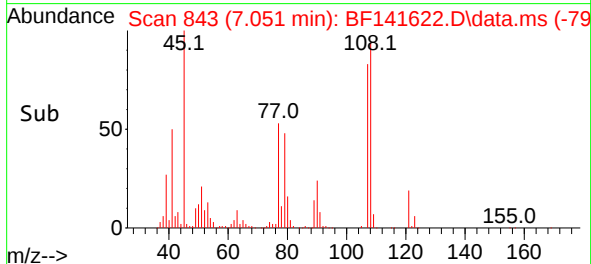
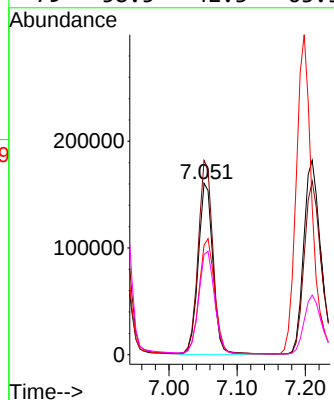


#17
2-Methylphenol
Concen: 45.238 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Instrument :
BNA_F
ClientSampleId :
346MSD

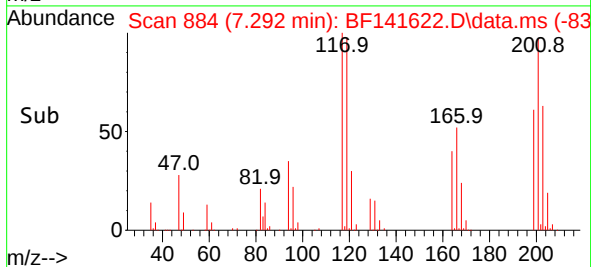
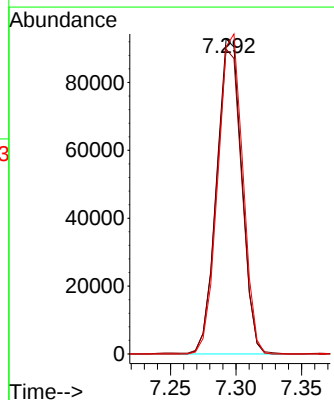
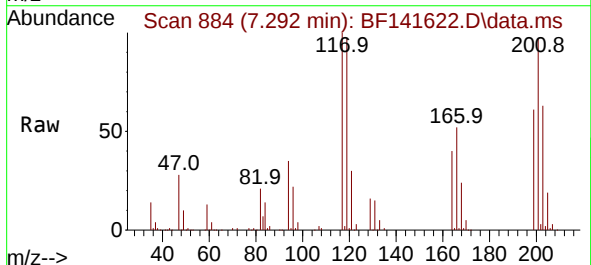


Tgt Ion:	107	Resp:	240277
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.6	136.0
77	63.9	44.4	66.6
79	58.5	42.3	63.5



#18
Hexachloroethane
Concen: 45.671 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:	117	Resp:	123742
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.5	114.7
201	97.5	76.7	115.1





#19

n-Nitroso-di-n-propylamine

Concen: 46.020 ng

RT: 7.204 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

Tgt Ion: 70 Resp: 218545

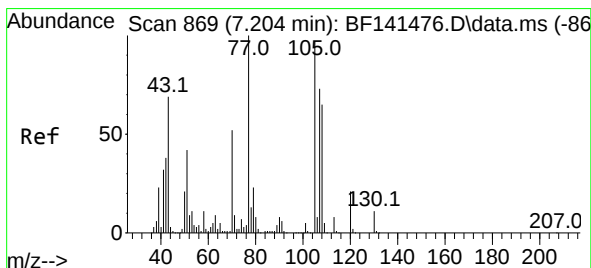
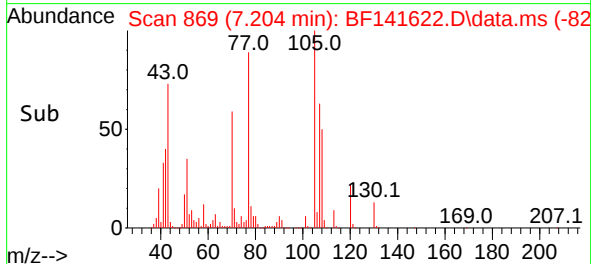
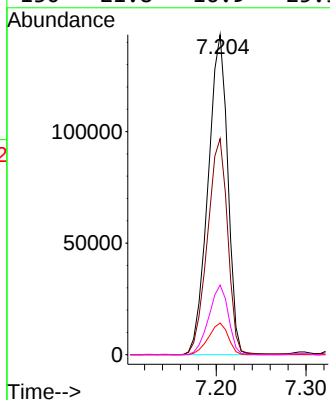
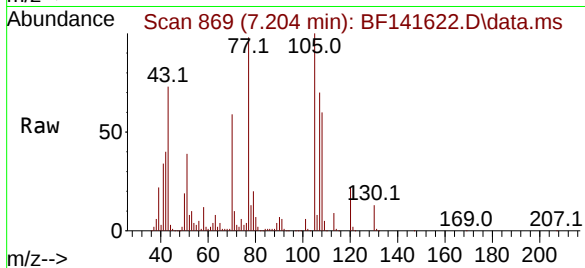
Ion Ratio Lower Upper

70 100

42 67.5 57.4 86.2

101 9.9 8.0 12.0

130 21.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 47.428 ng

RT: 7.210 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Tgt Ion: 107 Resp: 320141

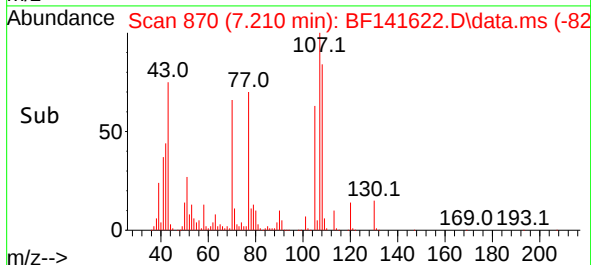
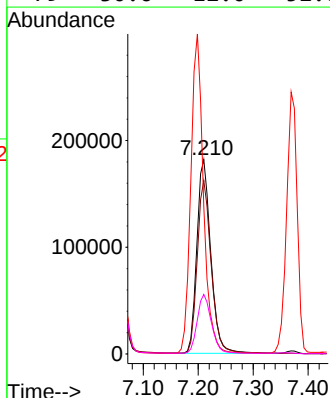
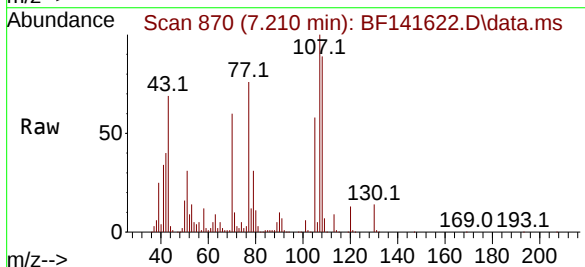
Ion Ratio Lower Upper

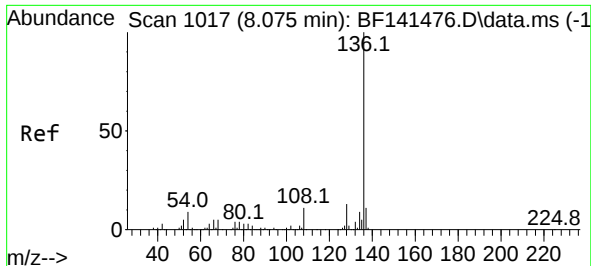
107 100

108 89.2 68.5 108.5

77 75.8 116.5 156.5#

79 30.6 12.0 52.0

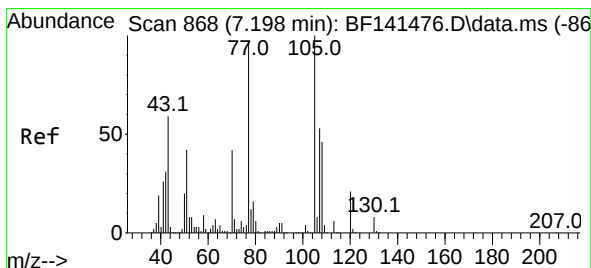
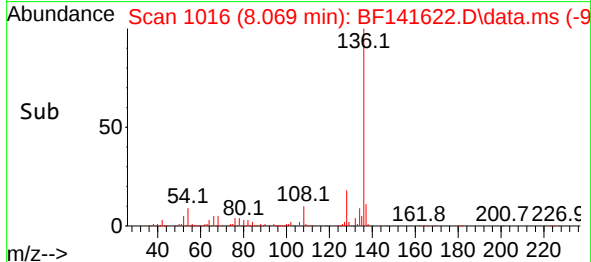
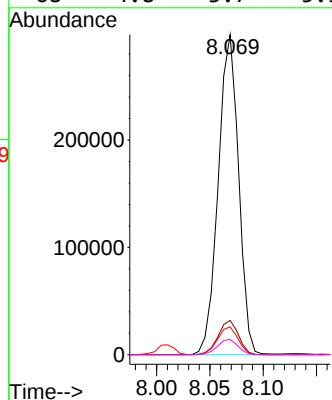
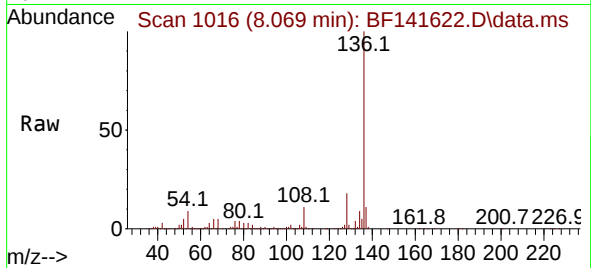




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

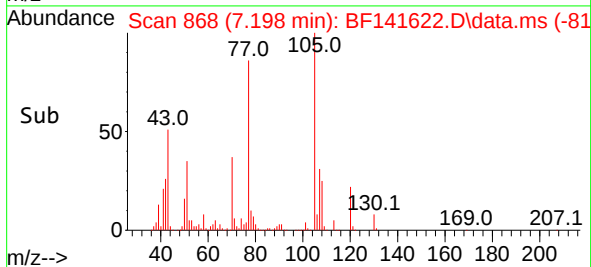
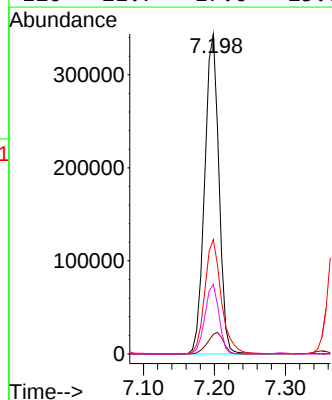
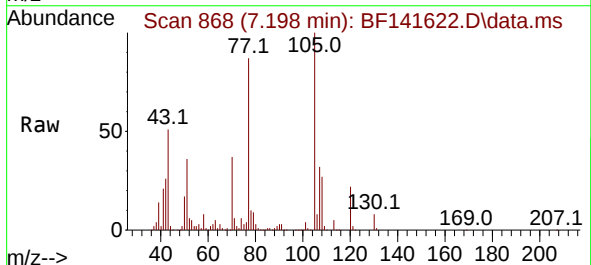
Instrument :
BNA_F
ClientSampleId :
346MSD

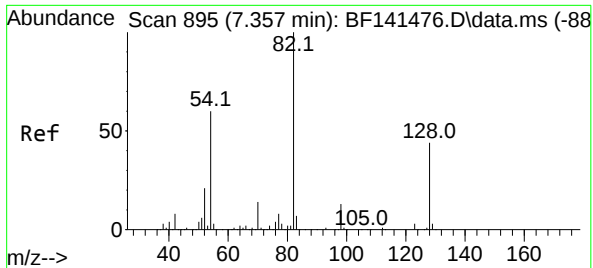
Tgt Ion:136 Resp: 396174
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 7.2 10.8
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 48.820 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:105 Resp: 481125
Ion Ratio Lower Upper
105 100
71 6.2 5.7 8.5
51 35.8 33.7 50.5
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 74.477 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

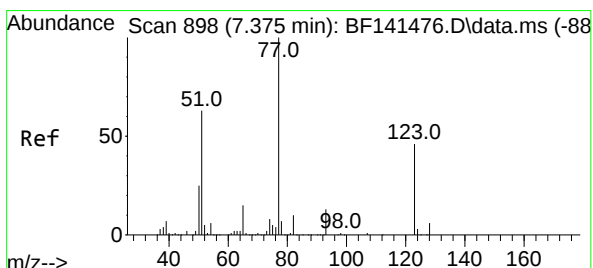
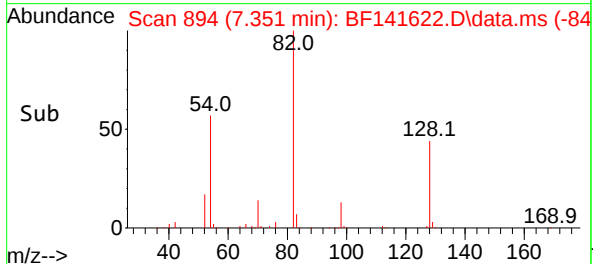
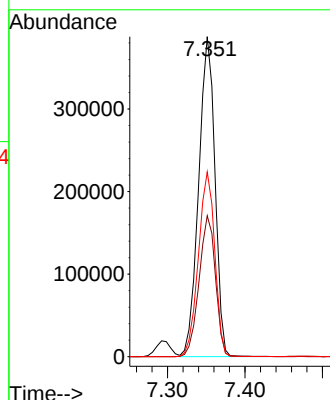
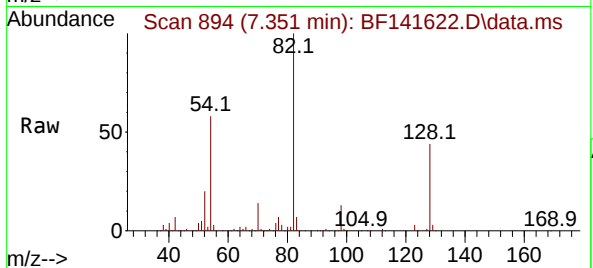
Tgt Ion: 82 Resp: 565700

Ion Ratio Lower Upper

82 100

128 44.0 34.8 52.2

54 57.8 48.2 72.4



#24

Nitrobenzene

Concen: 44.207 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

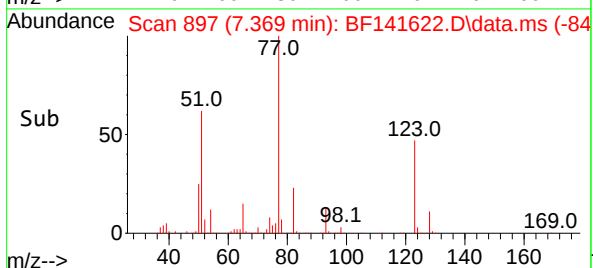
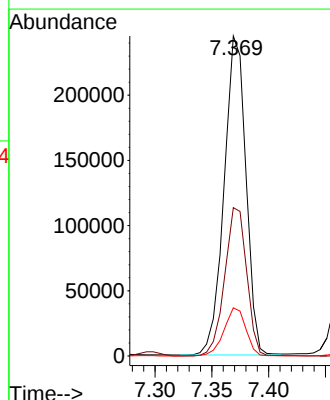
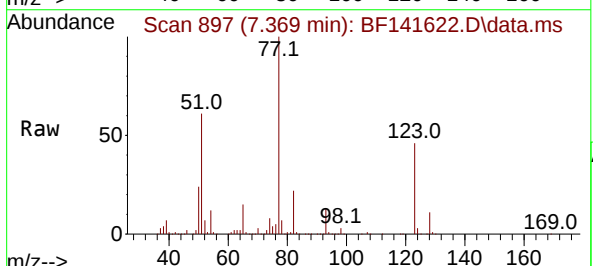
Tgt Ion: 77 Resp: 327428

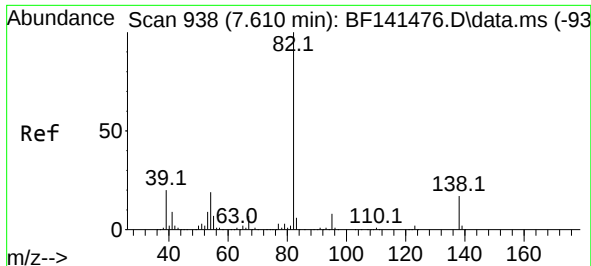
Ion Ratio Lower Upper

77 100

123 46.4 36.9 55.3

65 15.1 11.9 17.9

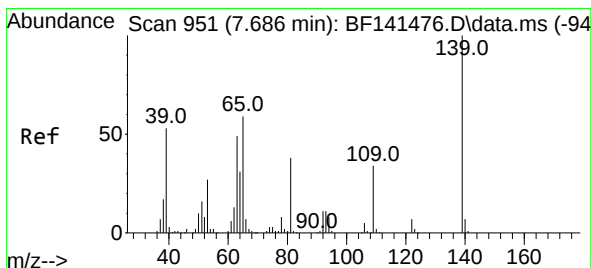
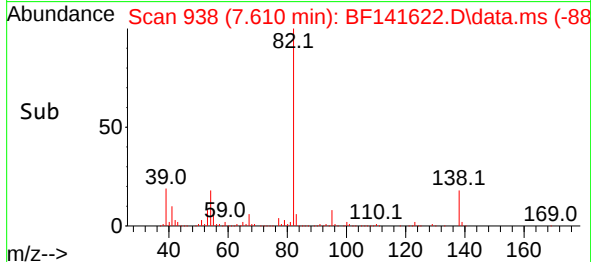
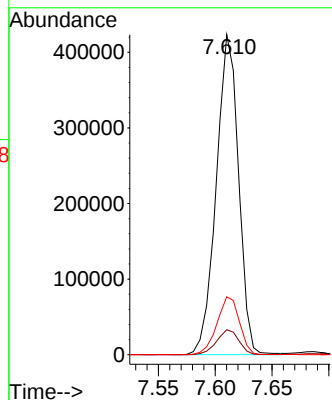
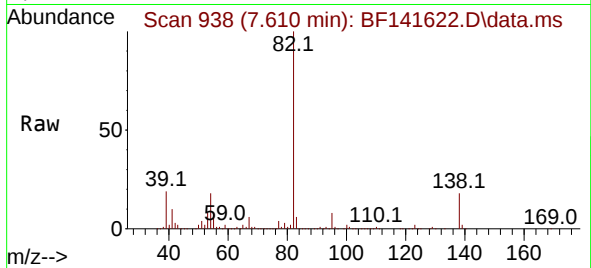




#25
Isophorone
Concen: 47.833 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

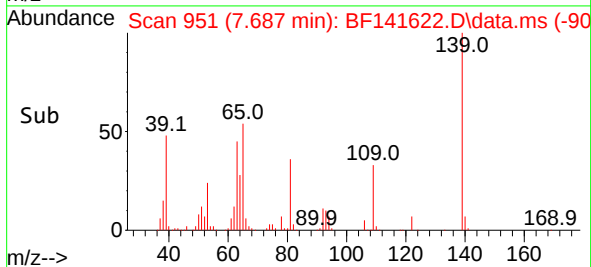
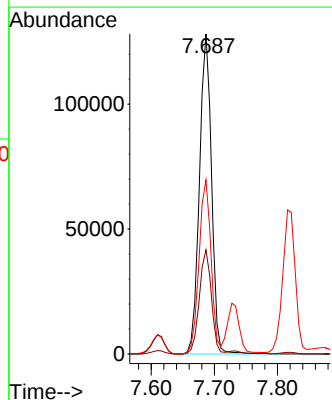
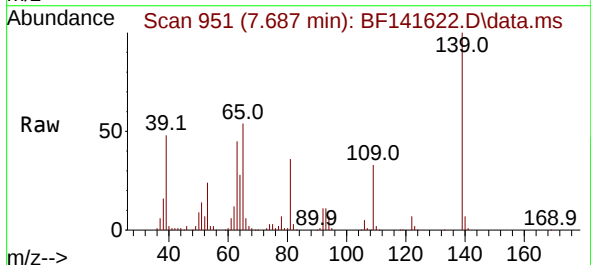
Instrument :
BNA_F
ClientSampleId :
346MSD

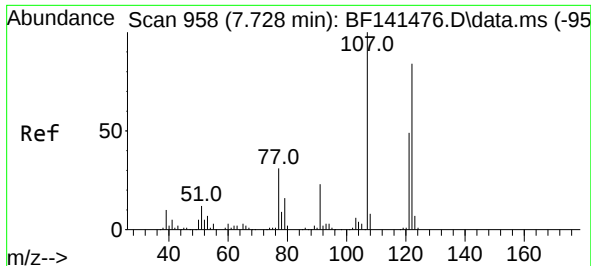
Tgt Ion: 82 Resp: 579303
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 46.237 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion: 139 Resp: 170380
Ion Ratio Lower Upper
139 100
109 32.6 27.0 40.6
65 54.4 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 57.403 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

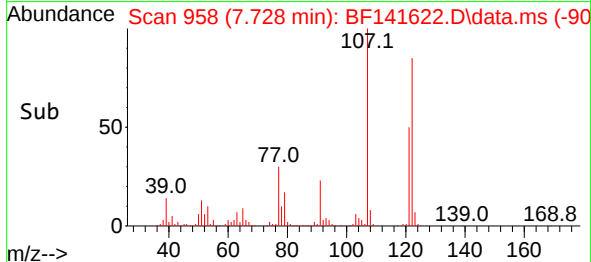
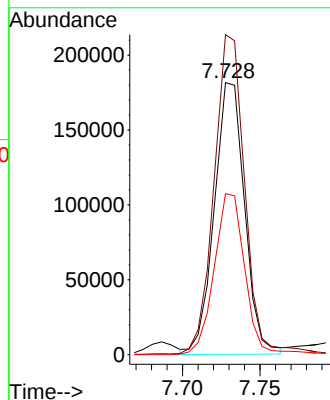
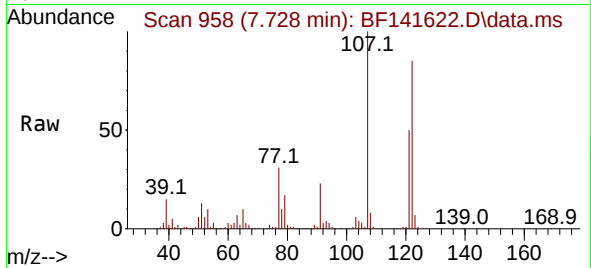
Tgt Ion:122 Resp: 247112

Ion Ratio Lower Upper

122 100

107 117.6 94.3 141.5

121 59.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.003 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

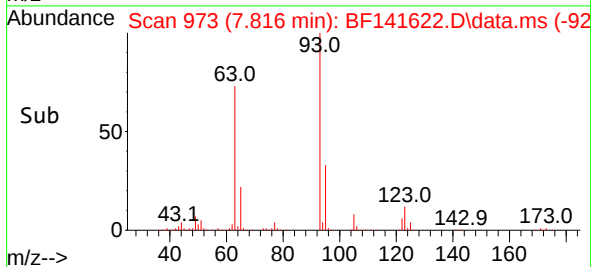
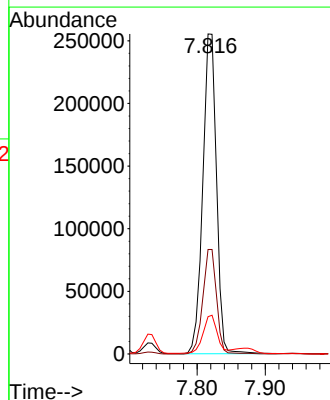
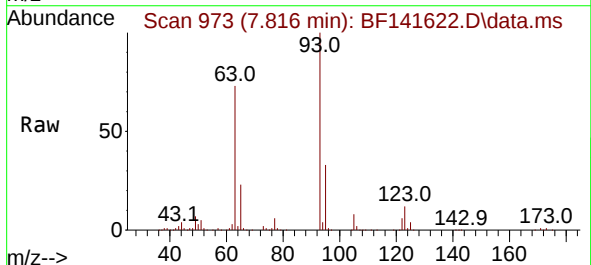
Tgt Ion: 93 Resp: 357004

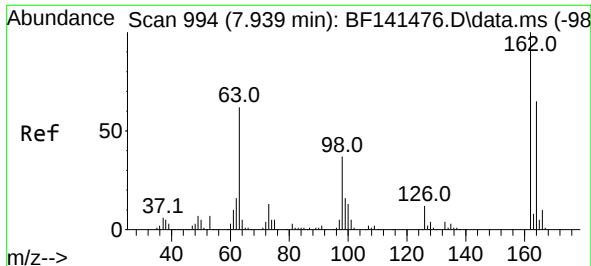
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 11.7 9.5 14.3

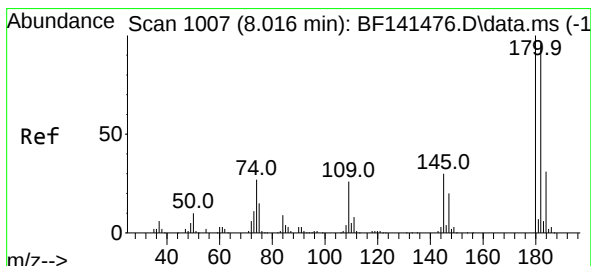
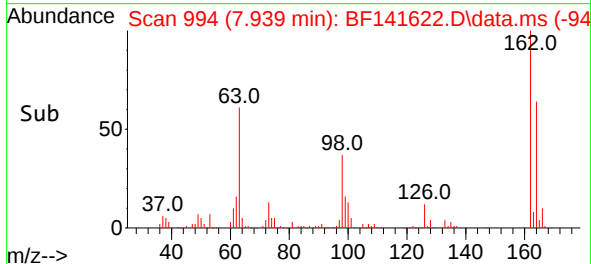
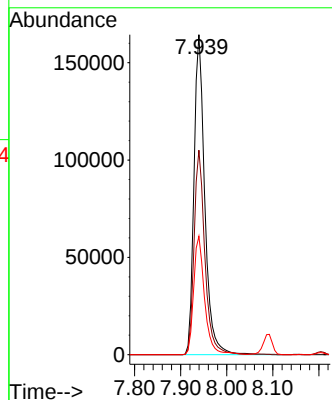
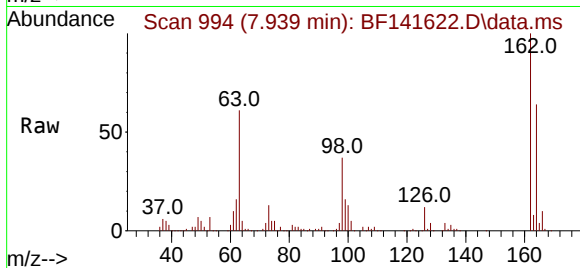




#29
2,4-Dichlorophenol
Concen: 45.910 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

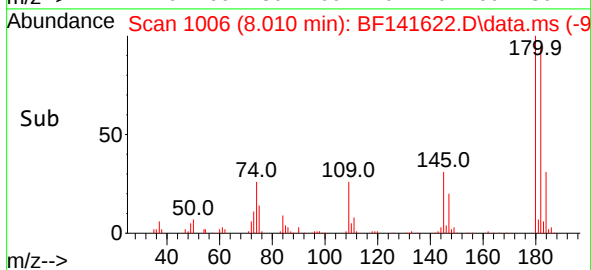
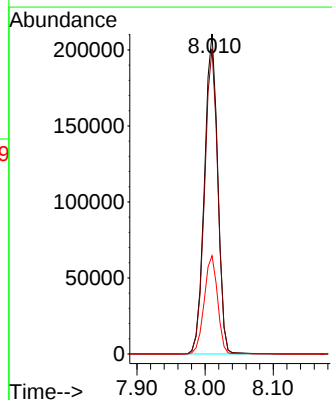
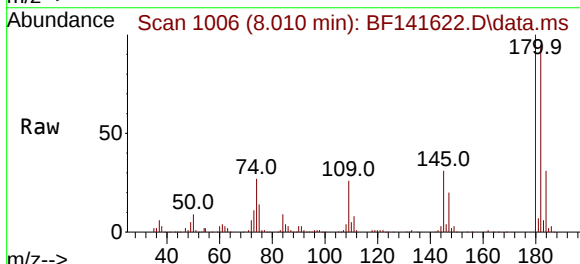
Instrument :
BNA_F
ClientSampleId :
346MSD

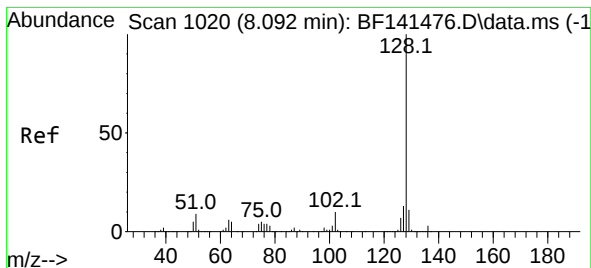
Tgt Ion:162 Resp: 267034
Ion Ratio Lower Upper
162 100
164 63.9 44.6 84.6
98 37.0 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 45.024 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:180 Resp: 285180
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 30.7 24.2 36.4





#31

Naphthalene

Concen: 44.667 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

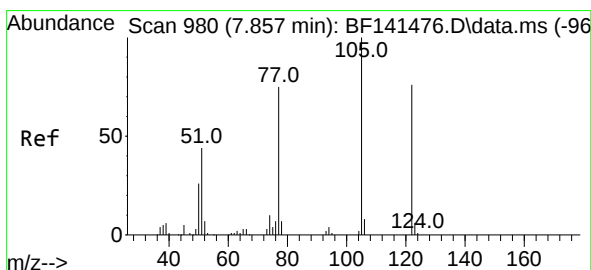
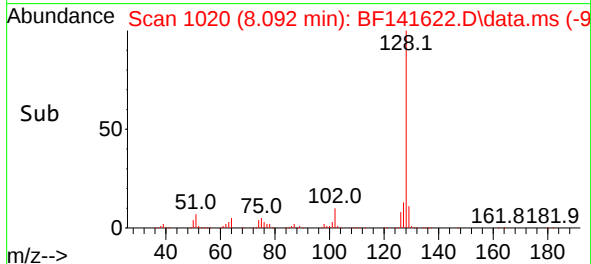
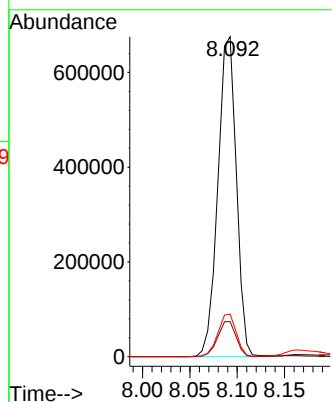
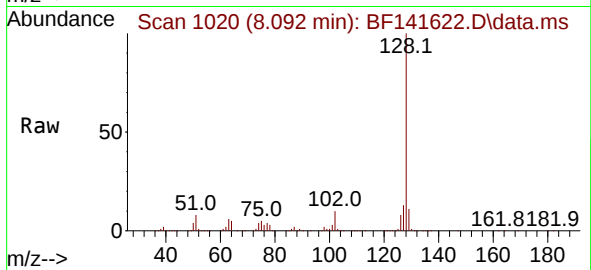
Tgt Ion:128 Resp: 921143

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 43.299 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.018 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

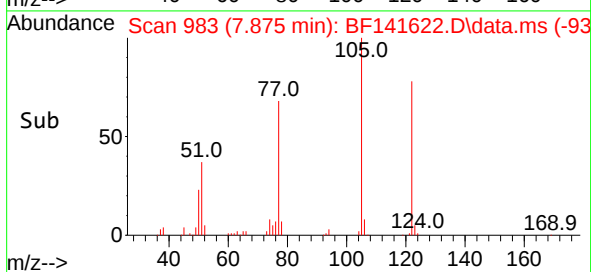
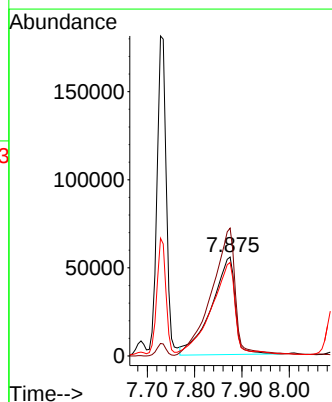
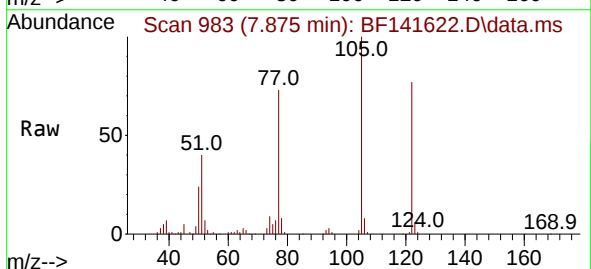
Tgt Ion:122 Resp: 193610

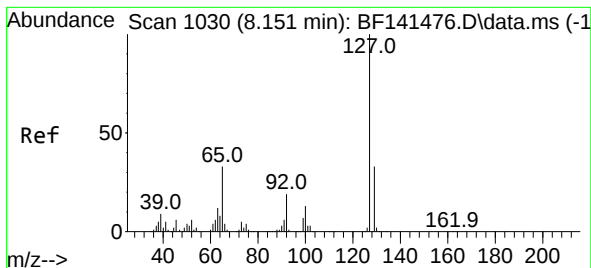
Ion Ratio Lower Upper

122 100

105 129.3 106.5 146.5

77 94.5 76.3 116.3





#33

4-Chloroaniline

Concen: 6.963 ng

RT: 8.163 min Scan# 1032

Delta R.T. 0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

Tgt Ion:127 Resp: 50134

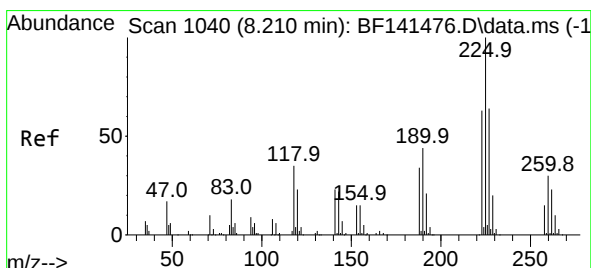
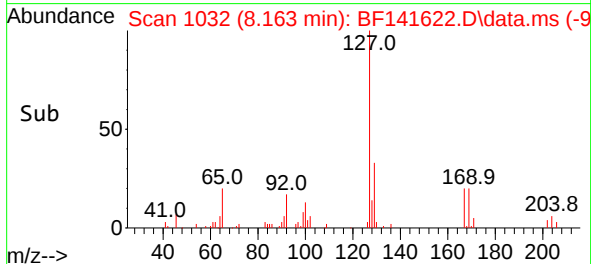
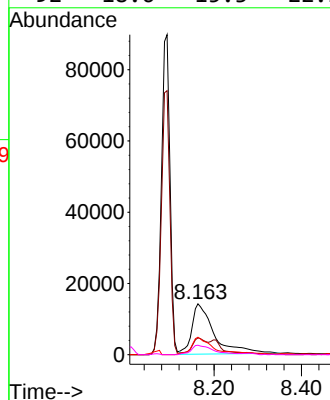
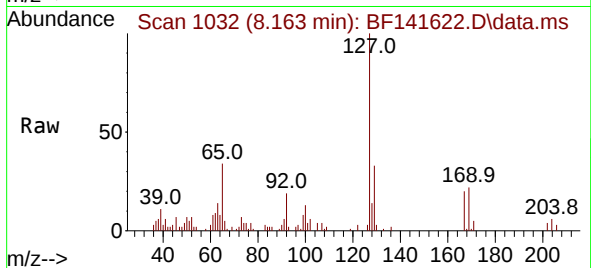
Ion Ratio Lower Upper

127 100

129 33.1 26.5 39.7

65 34.2 26.4 39.6

92 18.6 15.3 22.9



#34

Hexachlorobutadiene

Concen: 46.181 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

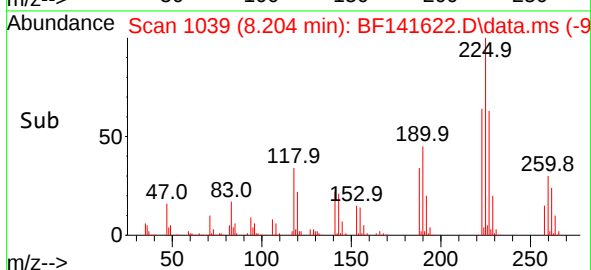
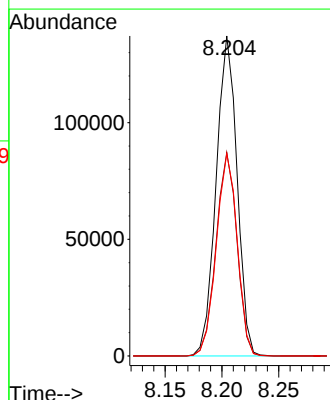
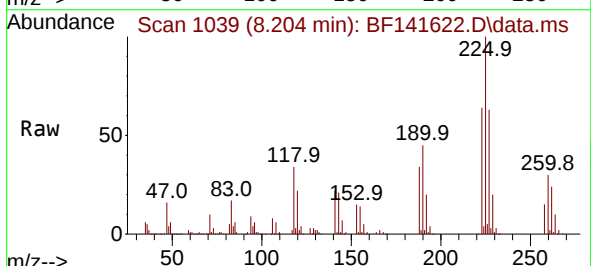
Tgt Ion:225 Resp: 175601

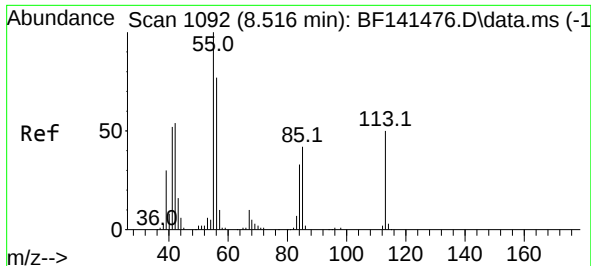
Ion Ratio Lower Upper

225 100

223 63.6 50.1 75.1

227 63.2 51.0 76.6

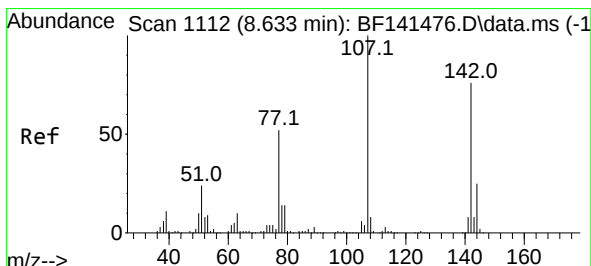
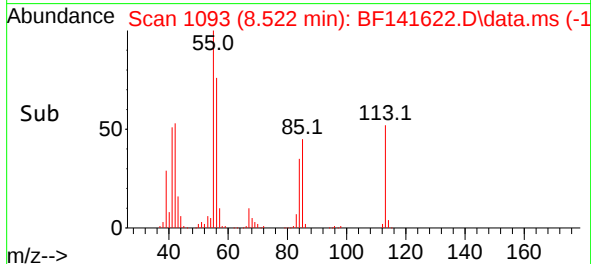
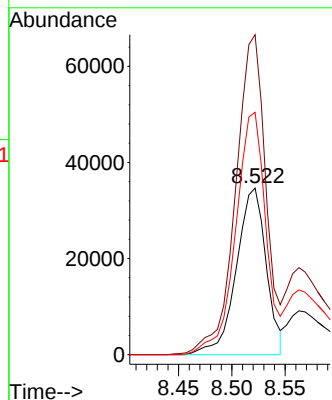
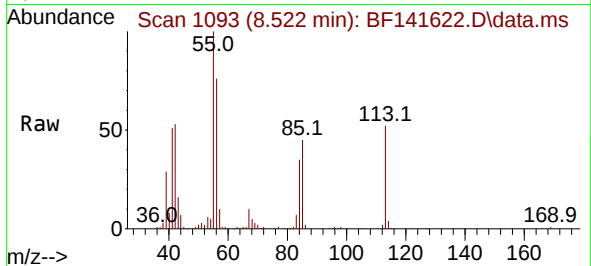




#35
Caprolactam
Concen: 38.247 ng
RT: 8.522 min Scan# 1093
Delta R.T. -0.023 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

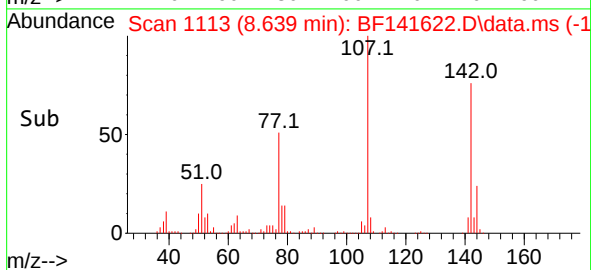
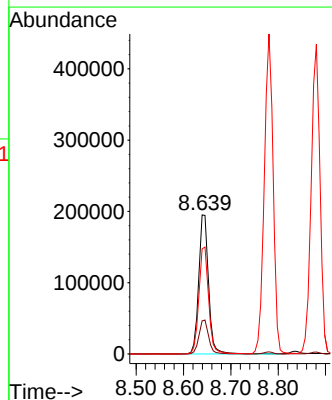
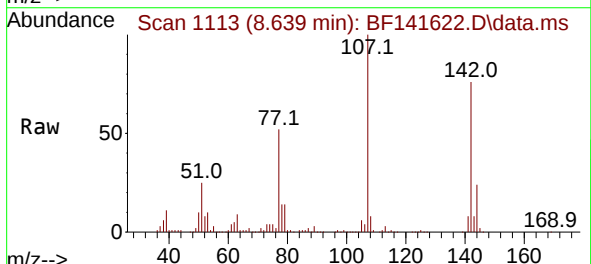
Instrument :
BNA_F
ClientSampleId :
346MSD

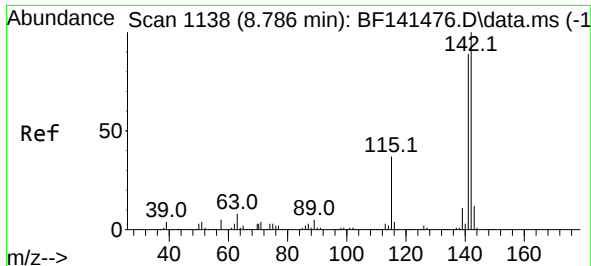
Tgt Ion:113 Resp: 67732
Ion Ratio Lower Upper
113 100
55 192.2 180.8 220.8
56 145.5 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 43.704 ng
RT: 8.639 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:107 Resp: 281580
Ion Ratio Lower Upper
107 100
144 23.8 19.7 29.5
142 75.7 60.8 91.2

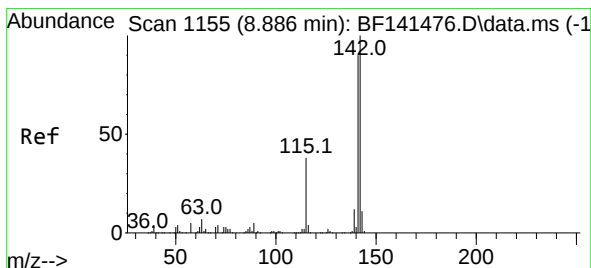
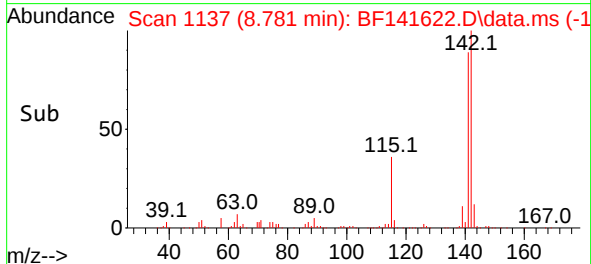
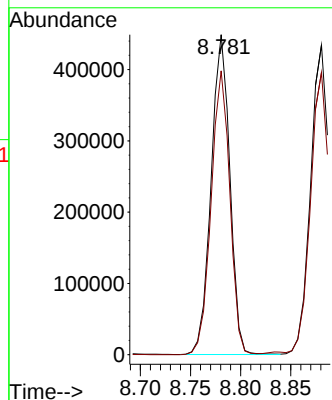
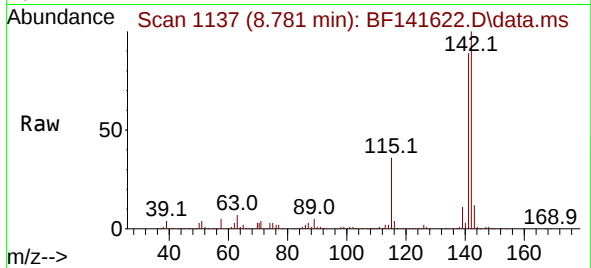




#37
2-Methylnaphthalene
Concen: 43.320 ng
RT: 8.781 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

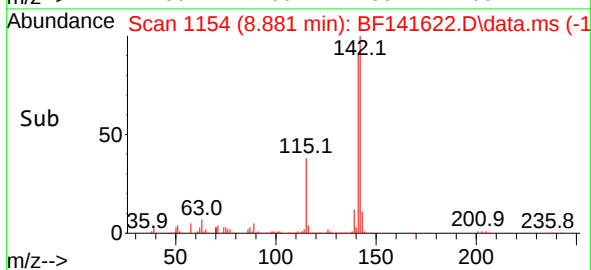
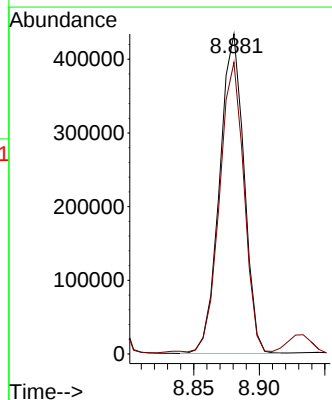
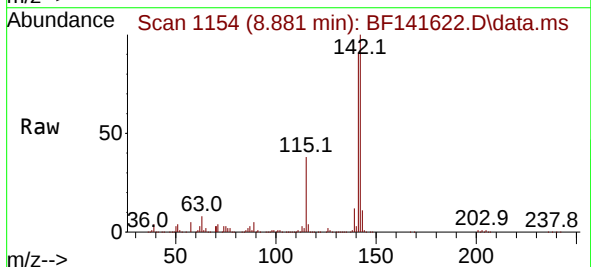
Instrument :
BNA_F
ClientSampleId :
346MSD

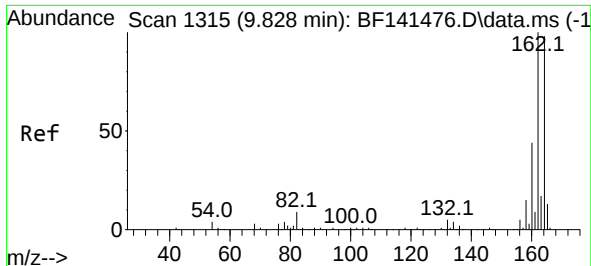
Tgt Ion:142 Resp: 581335
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 43.169 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:142 Resp: 561085
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 111

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

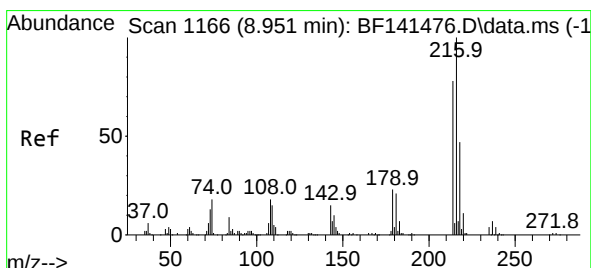
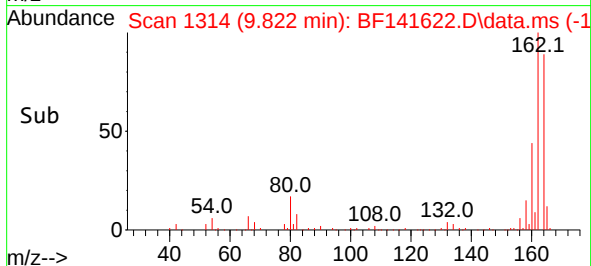
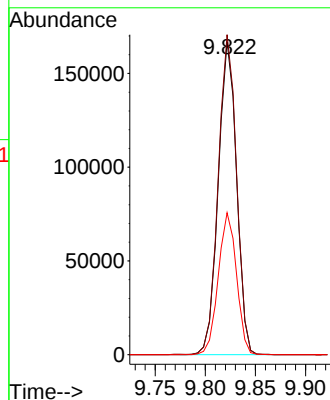
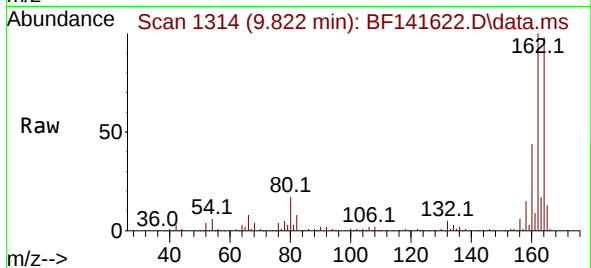
Tgt Ion:164 Resp: 211327

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

160 45.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.641 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Tgt Ion:216 Resp: 309619

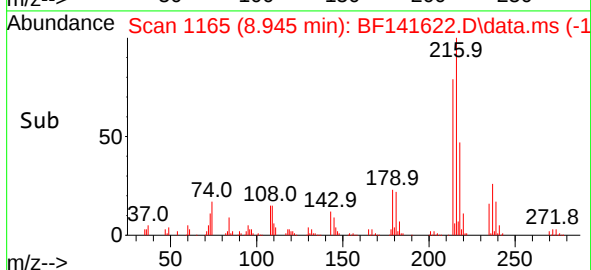
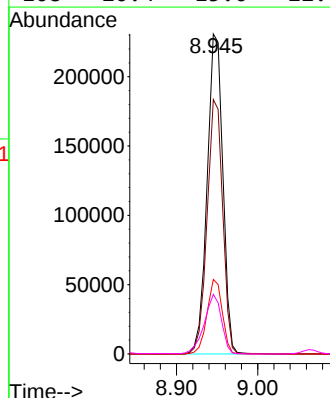
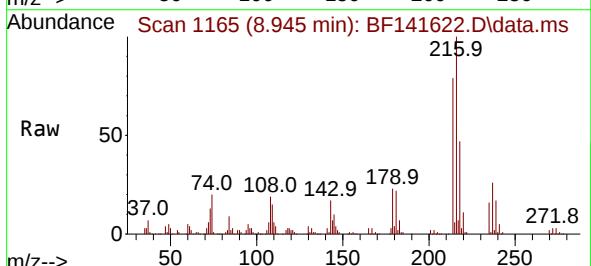
Ion Ratio Lower Upper

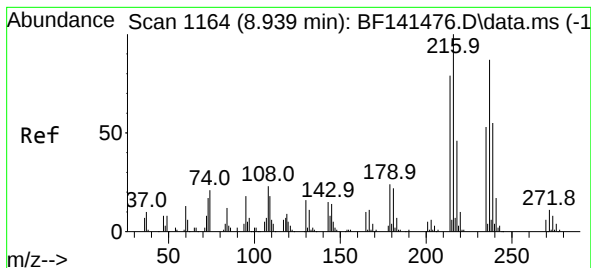
216 100

214 78.9 62.3 93.5

179 22.6 18.0 27.0

108 20.4 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 136.280 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

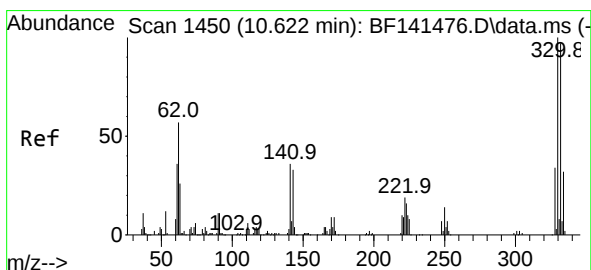
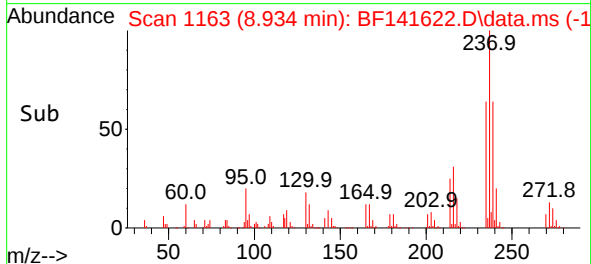
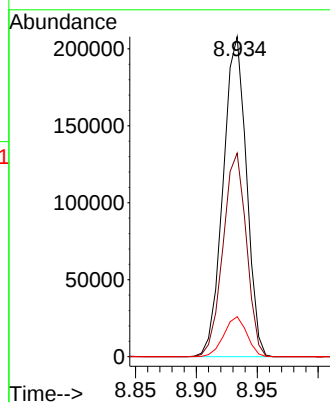
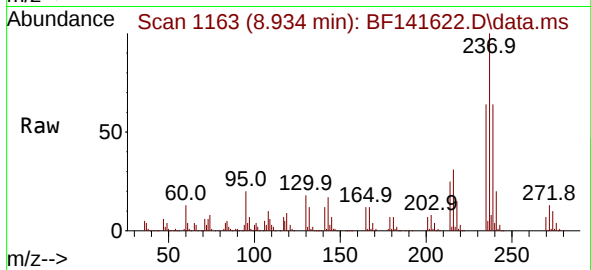
Tgt Ion:237 Resp: 277132

Ion Ratio Lower Upper

237 100

235 63.6 41.4 81.4

272 12.5 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 105.108 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

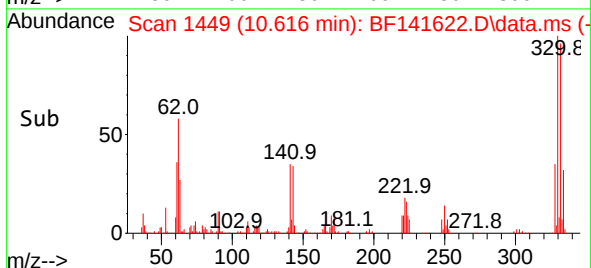
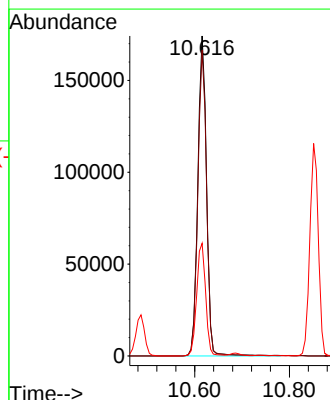
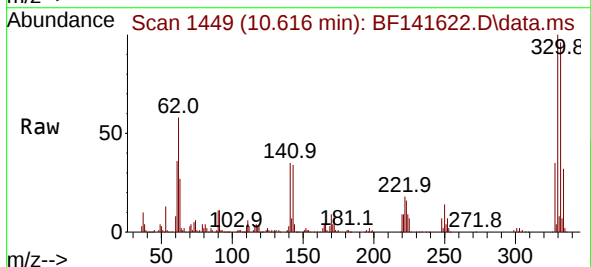
Tgt Ion:330 Resp: 223132

Ion Ratio Lower Upper

330 100

332 95.6 78.5 117.7

141 36.4 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 45.801 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

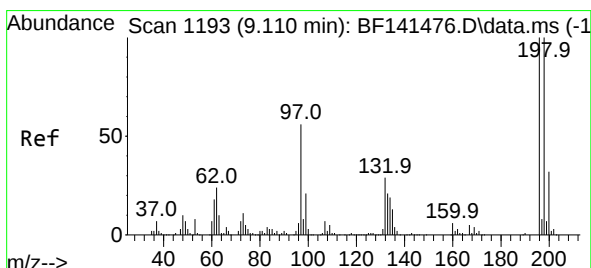
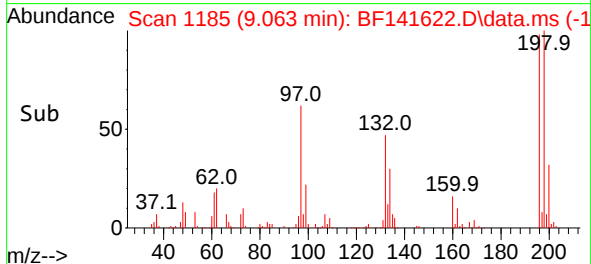
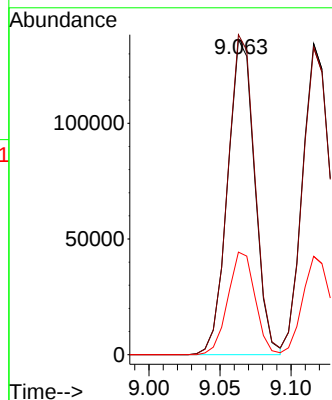
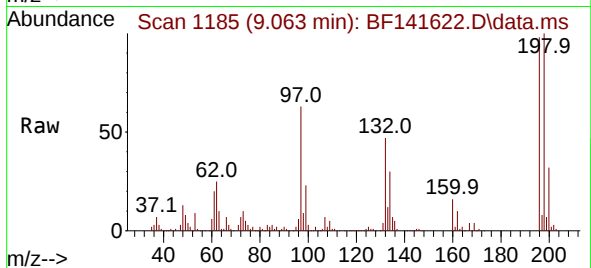
Tgt Ion:196 Resp: 180984

Ion Ratio Lower Upper

196 100

198 101.6 80.6 121.0

200 32.5 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.858 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Tgt Ion:196 Resp: 192104

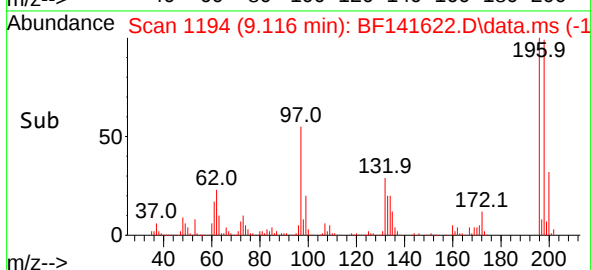
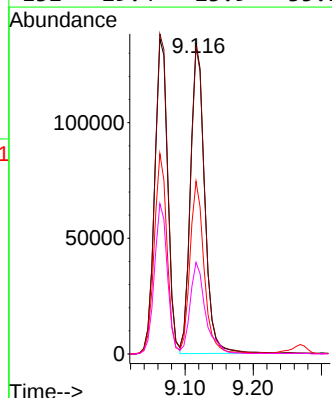
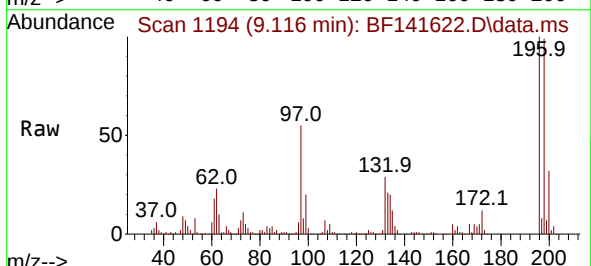
Ion Ratio Lower Upper

196 100

198 98.8 79.8 119.8

97 55.5 44.8 67.2

132 29.4 23.9 35.9

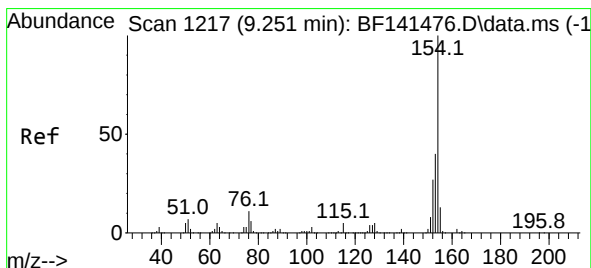
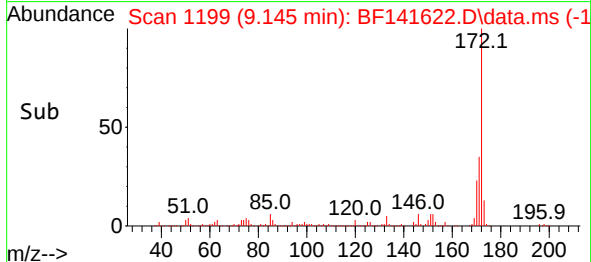
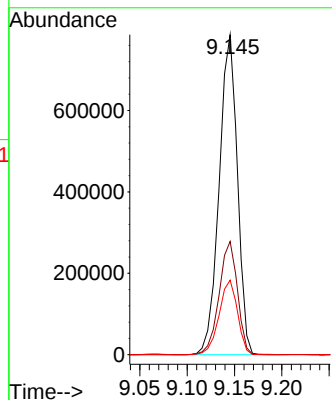
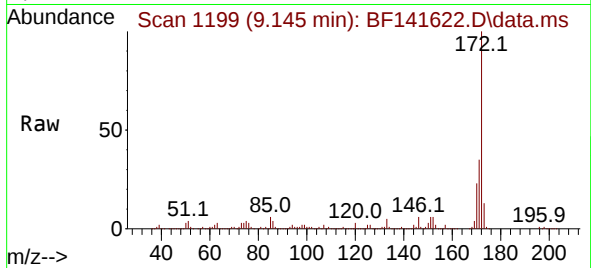




#45
2-Fluorobiphenyl
Concen: 76.762 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

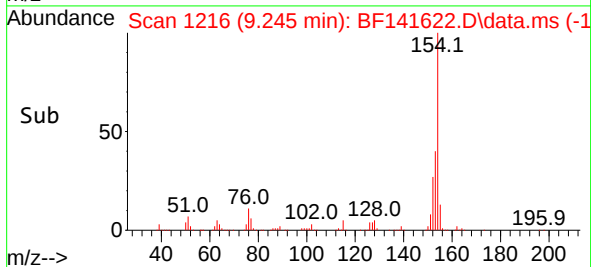
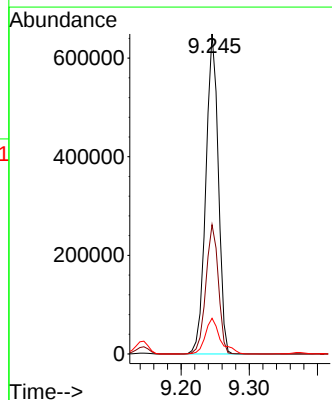
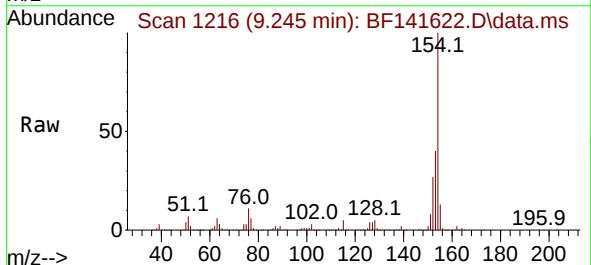
Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:172 Resp: 1052924
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 50.549 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:154 Resp: 828189
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.2 0.0 30.8

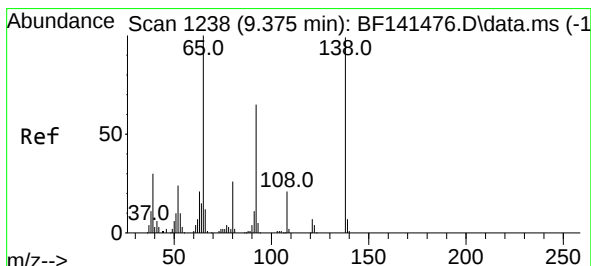
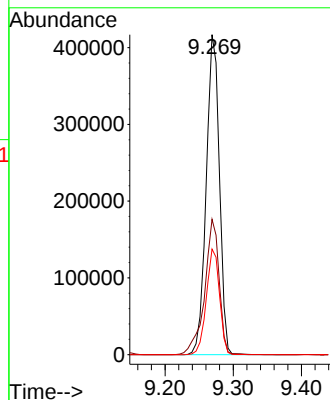
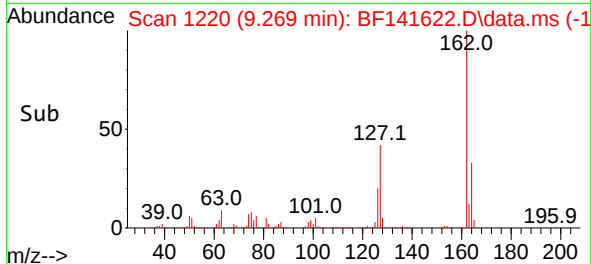
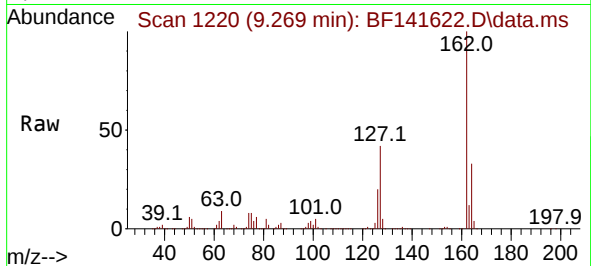




#47
2-Chloronaphthalene
Concen: 46.217 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

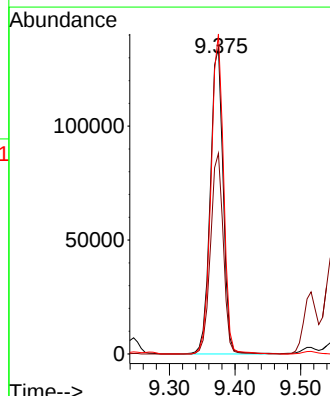
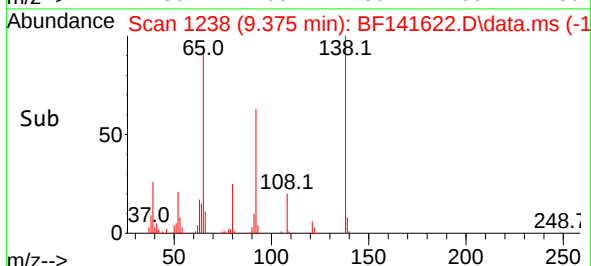
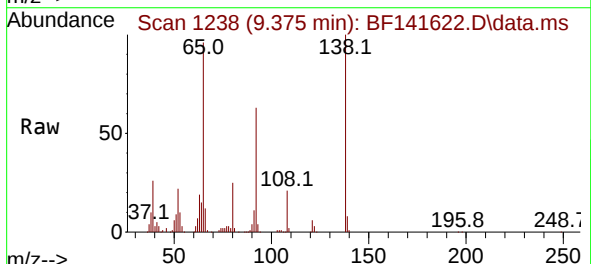
Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:162 Resp: 559936
Ion Ratio Lower Upper
162 100
127 42.3 34.1 51.1
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 45.151 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion: 65 Resp: 183579
Ion Ratio Lower Upper
65 100
92 65.5 52.2 78.2
138 104.5 79.5 119.3





#49

Acenaphthylene

Concen: 47.229 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

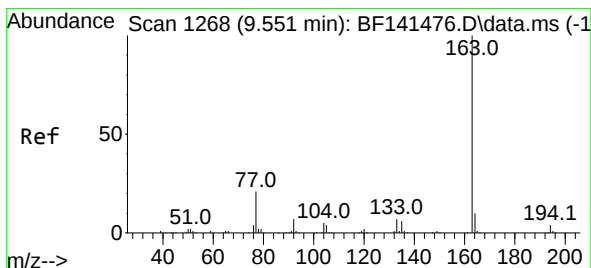
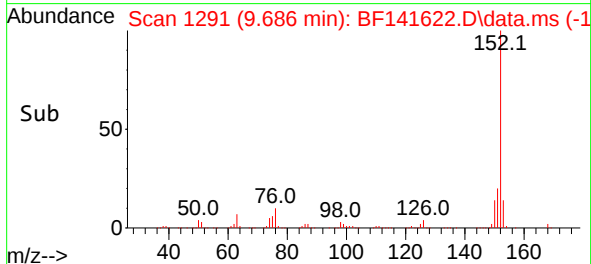
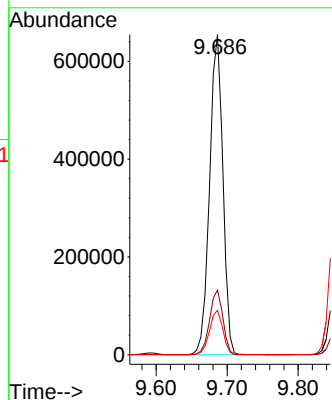
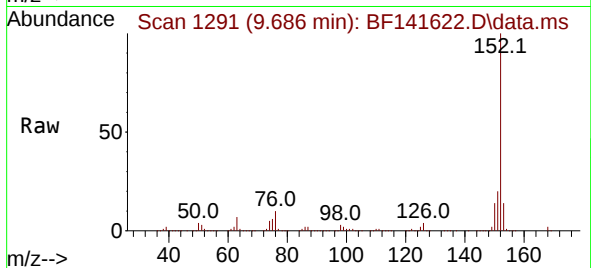
Tgt Ion:152 Resp: 851076

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.9 10.9 16.3



#50

Dimethylphthalate

Concen: 46.694 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

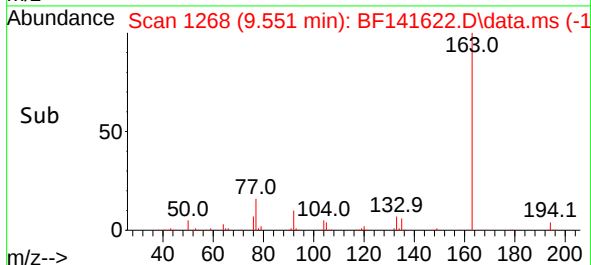
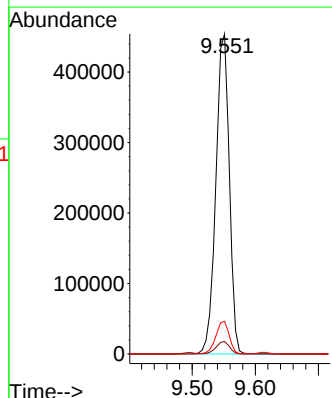
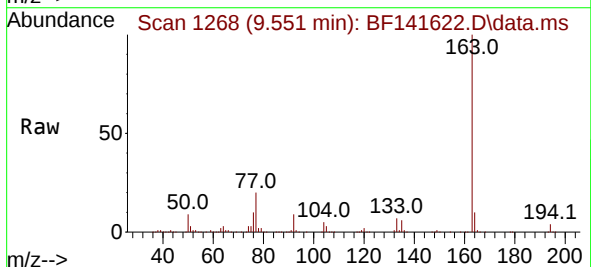
Tgt Ion:163 Resp: 669899

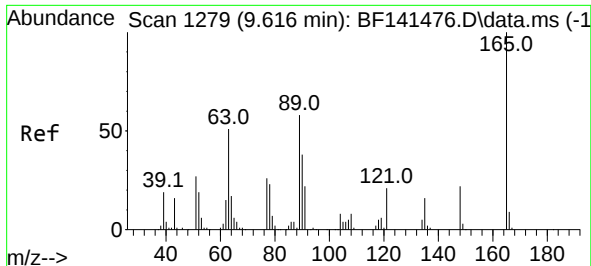
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.2 7.9 11.9

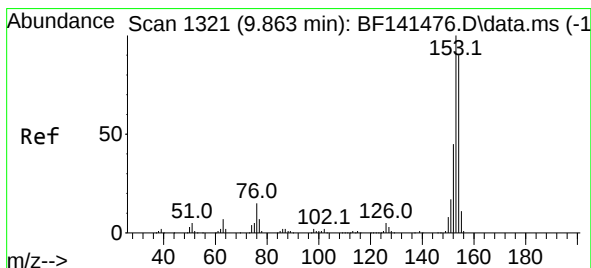
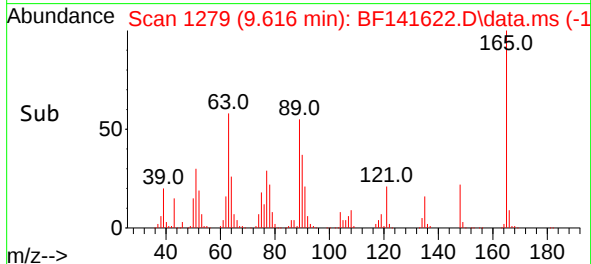
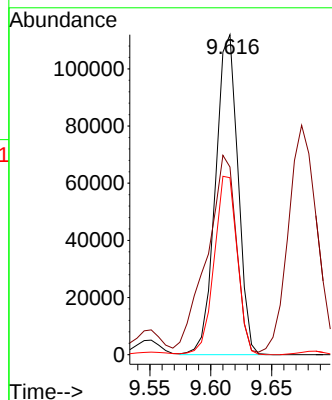
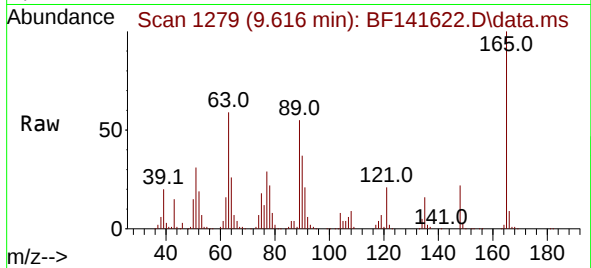




#51
2,6-Dinitrotoluene
Concen: 45.896 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

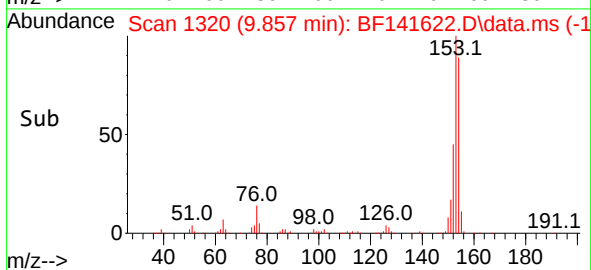
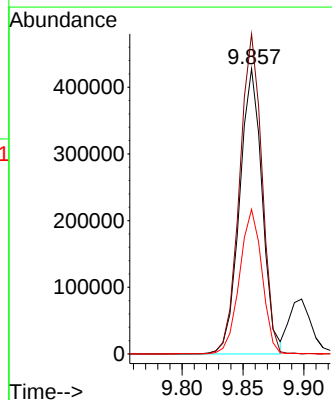
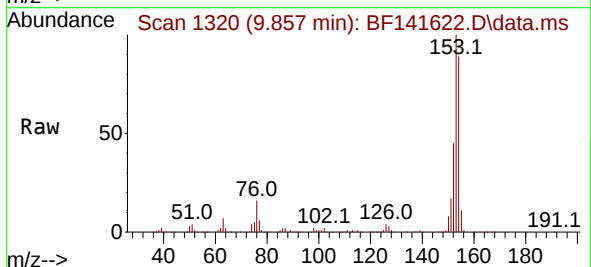
Instrument :
BNA_F
ClientSampleId :
346MSD

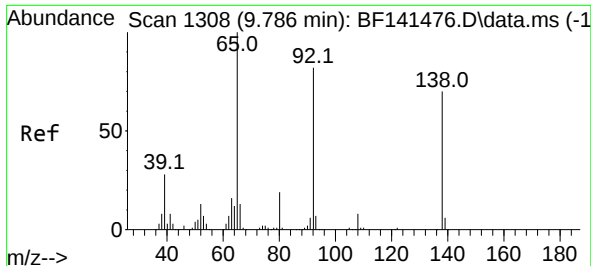
Tgt Ion:165 Resp: 143939
Ion Ratio Lower Upper
165 100
63 58.7 49.4 74.0
89 55.3 46.5 69.7



#52
Acenaphthene
Concen: 45.672 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:154 Resp: 553304
Ion Ratio Lower Upper
154 100
153 112.2 89.2 133.8
152 50.7 39.8 59.8

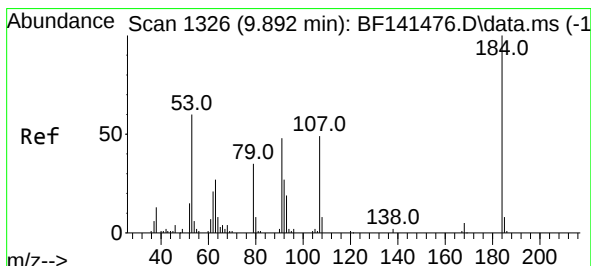
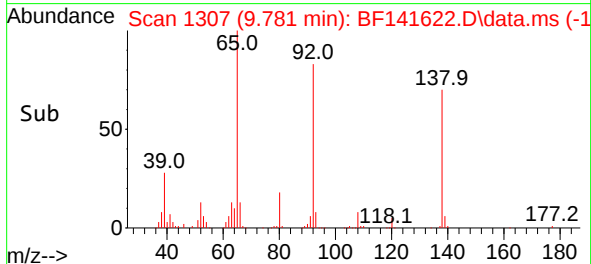
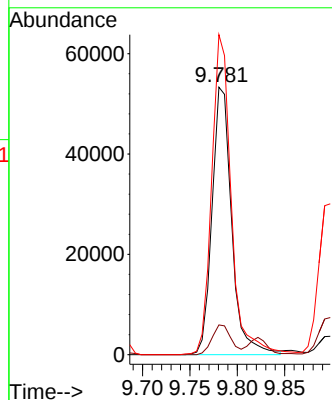
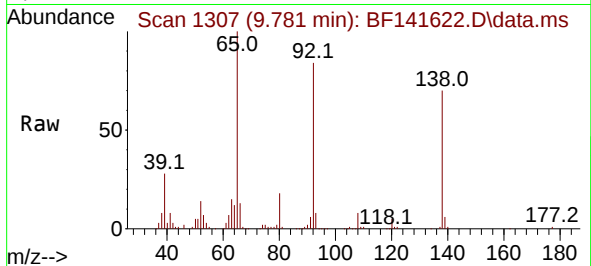




#53
3-Nitroaniline
Concen: 22.764 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

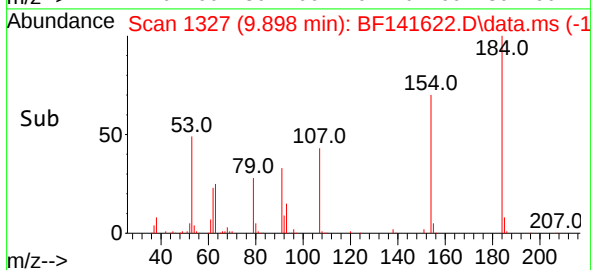
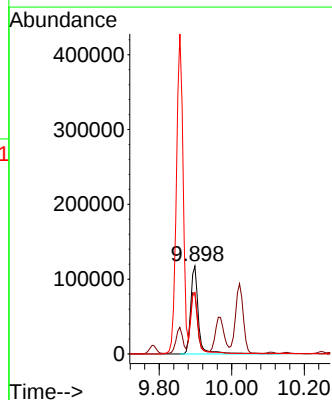
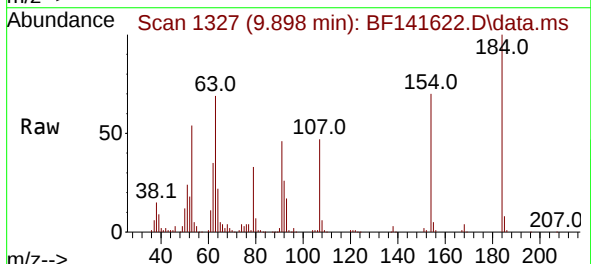
Instrument :
BNA_F
ClientSampleId :
346MSD

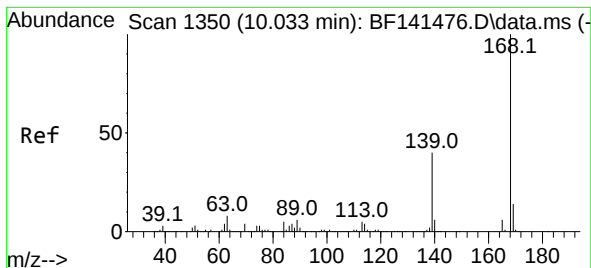
Tgt Ion:138 Resp: 76840
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 119.6 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 93.539 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:184 Resp: 174352
Ion Ratio Lower Upper
184 100
63 68.9 61.0 91.6
154 70.1 59.9 89.9





#55

Dibenzenofuran

Concen: 43.994 ng

RT: 10.028 min Scan# 1349

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

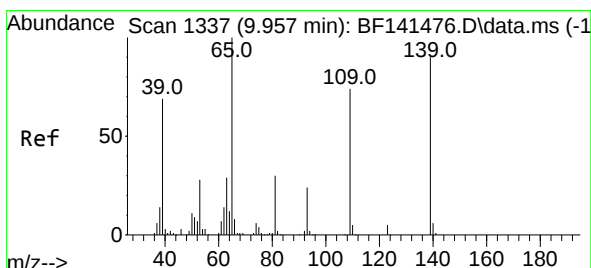
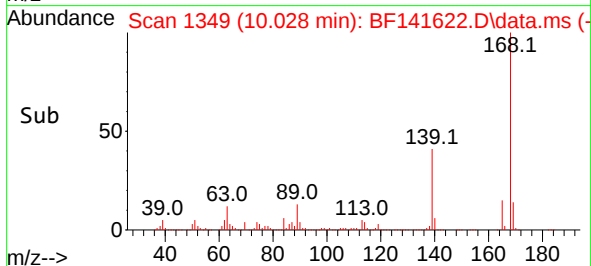
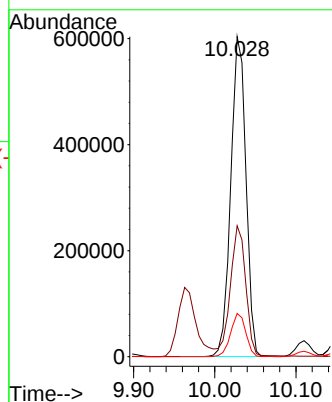
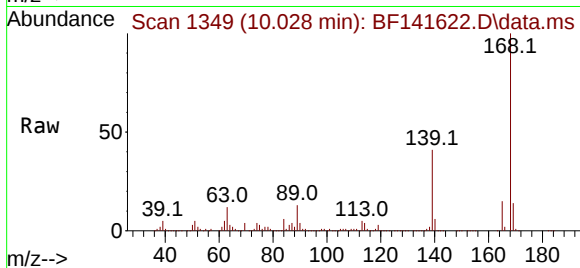
Tgt Ion:168 Resp: 782310

Ion Ratio Lower Upper

168 100

139 40.9 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 80.349 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

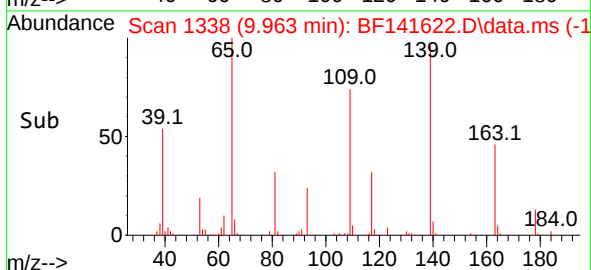
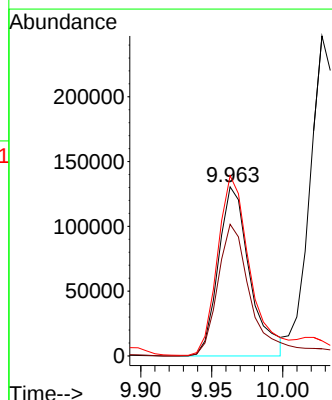
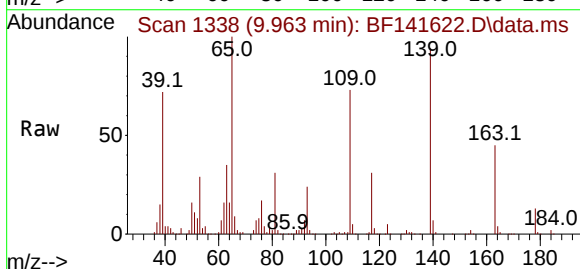
Tgt Ion:139 Resp: 201335

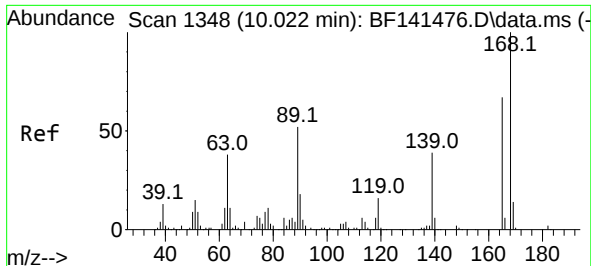
Ion Ratio Lower Upper

139 100

109 77.9 62.0 102.0

65 106.6 91.2 131.2

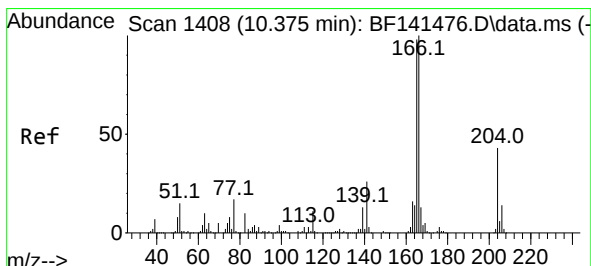
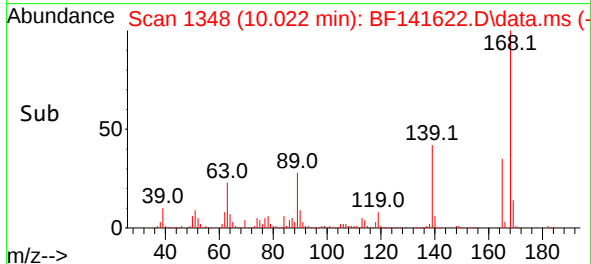
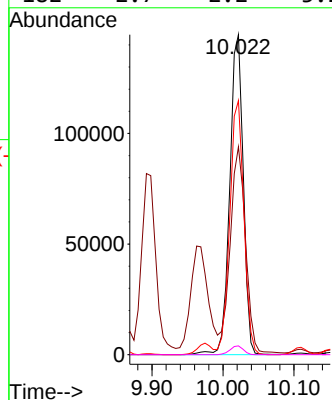
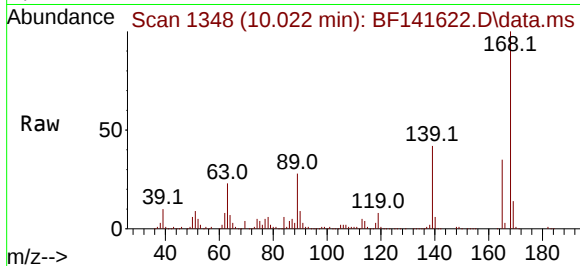




#57
2,4-Dinitrotoluene
Concen: 45.705 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

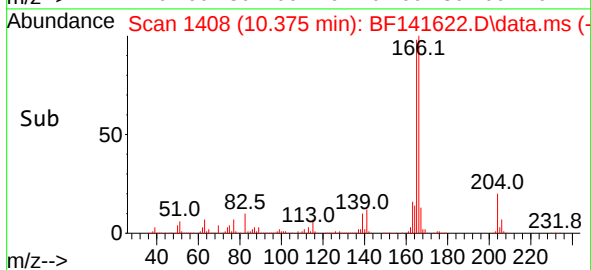
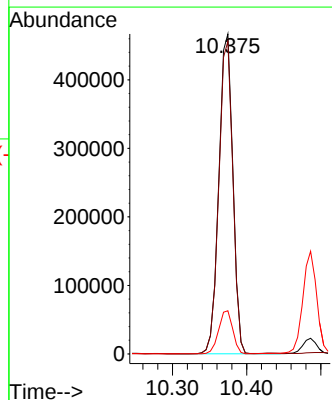
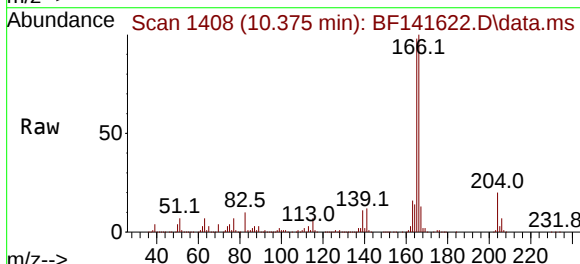
Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:165 Resp: 190824
Ion Ratio Lower Upper
165 100
63 65.0 46.4 69.6
89 79.4 61.8 92.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 44.534 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:166 Resp: 612305
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.5 10.7 16.1

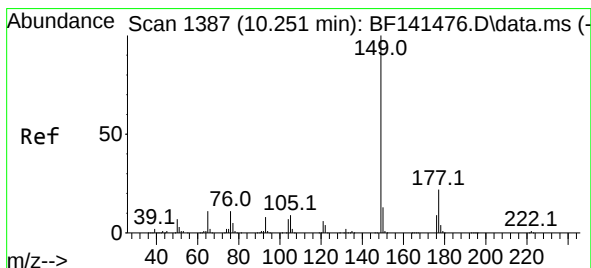
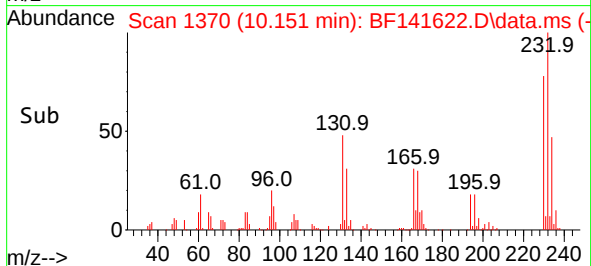
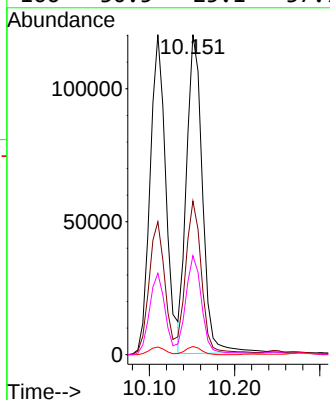
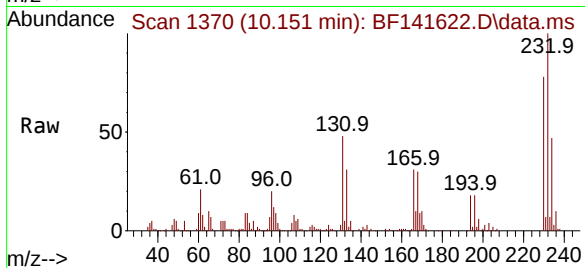




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.308 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

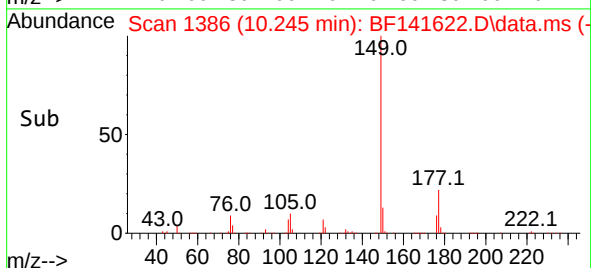
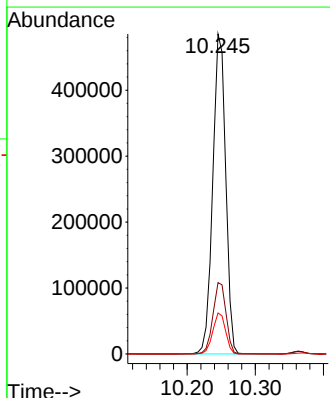
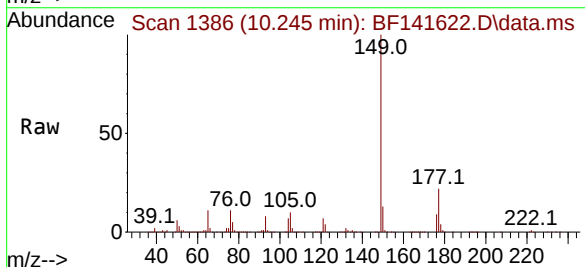
Instrument :
BNA_F
ClientSampleId :
346MSD

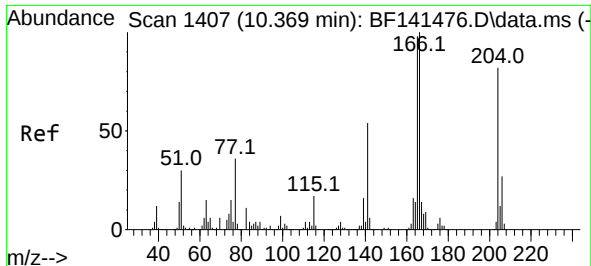
Tgt Ion:232 Resp: 155988
Ion Ratio Lower Upper
232 100
131 47.7 39.2 58.8
130 2.5 2.1 3.1
166 30.5 25.1 37.7



#60
Diethylphthalate
Concen: 45.431 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:149 Resp: 641262
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.8 10.1 15.1

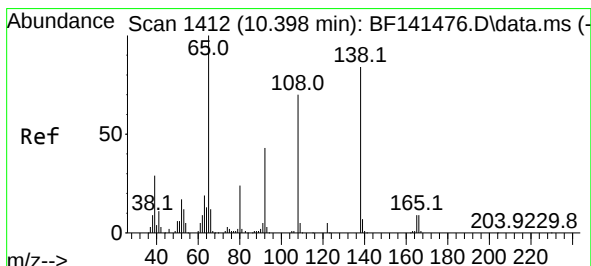
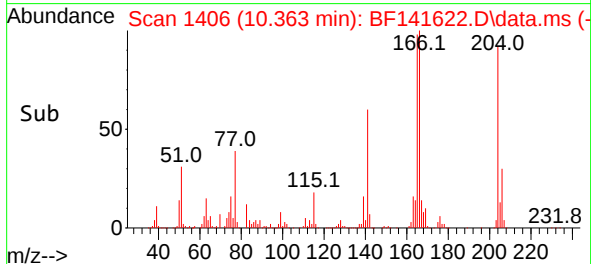
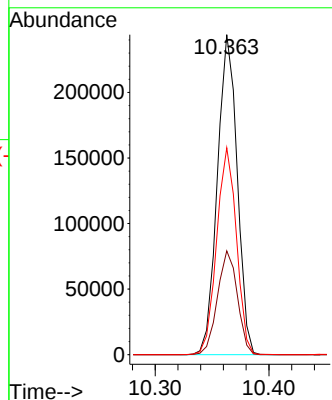
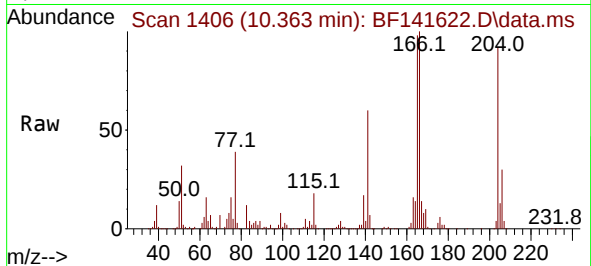




#61
4-Chlorophenyl-phenylether
Concen: 44.776 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

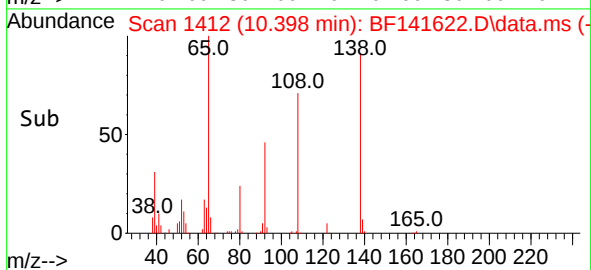
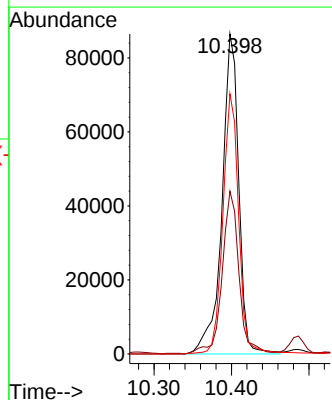
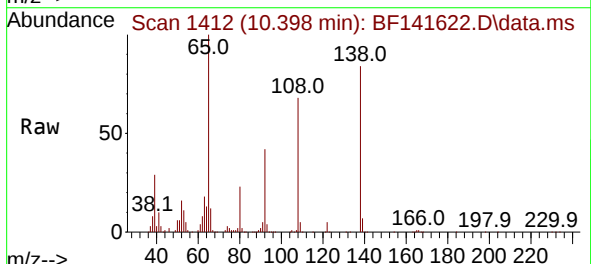
Instrument :
BNA_F
ClientSampleId :
346MSD

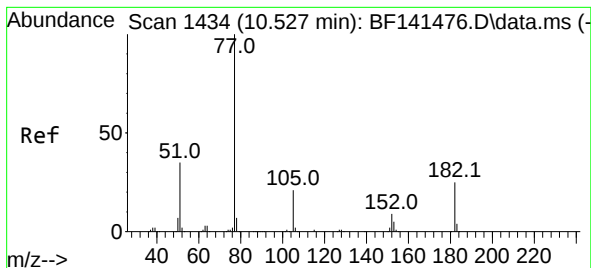
Tgt Ion:204 Resp: 296174
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.6 51.9 77.9



#62
4-Nitroaniline
Concen: 37.994 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:138 Resp: 130225
Ion Ratio Lower Upper
138 100
92 50.9 31.3 71.3
108 81.3 63.7 103.7





#63

Azobenzene

Concen: 47.544 ng

RT: 10.522 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

Tgt Ion: 77 Resp: 667147

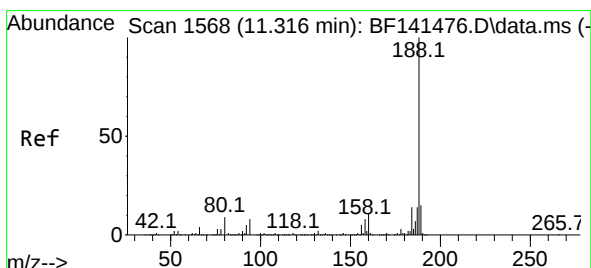
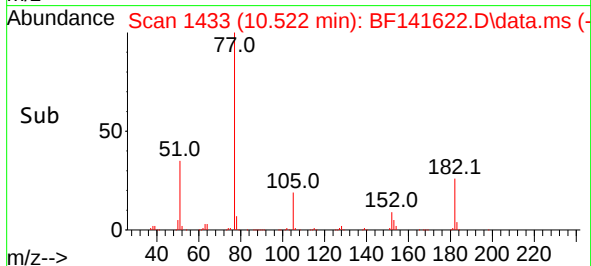
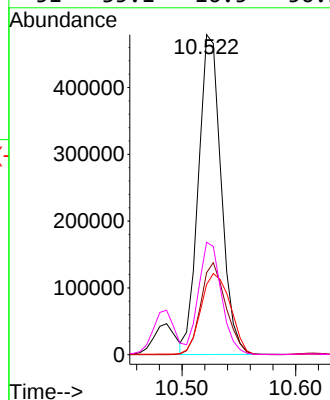
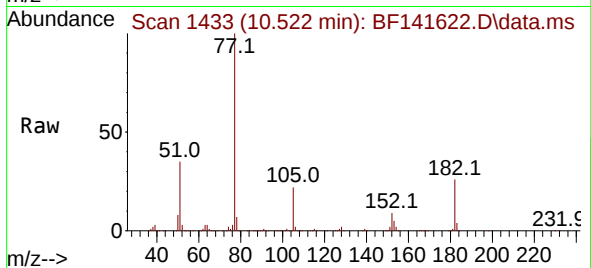
Ion Ratio Lower Upper

77 100

182 25.6 4.7 44.7

105 21.9 0.4 40.4

51 35.1 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

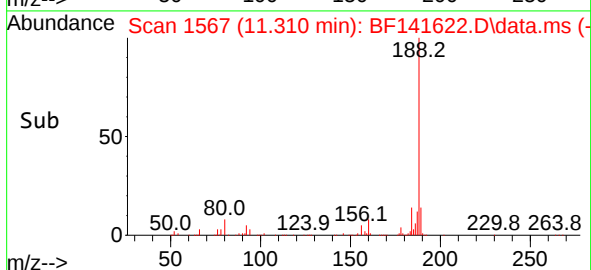
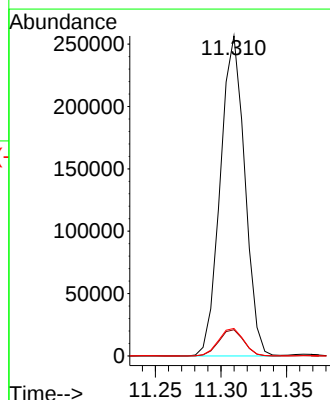
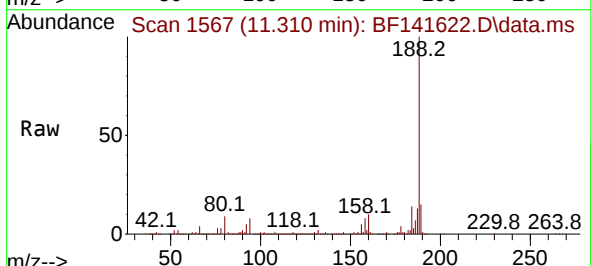
Tgt Ion: 188 Resp: 332942

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 8.6 7.3 10.9

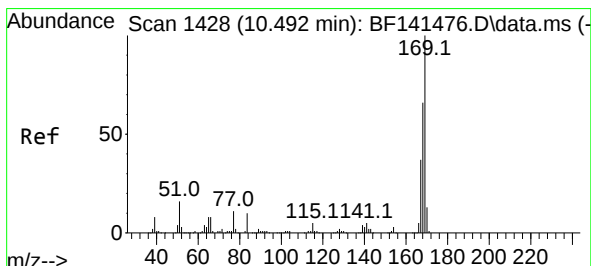
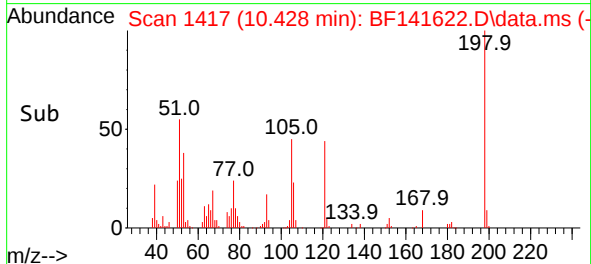
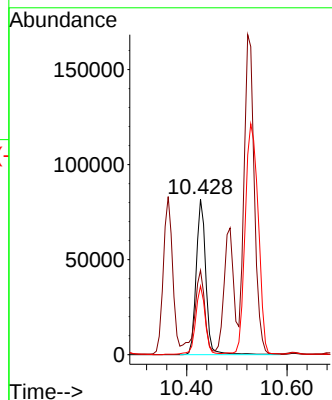
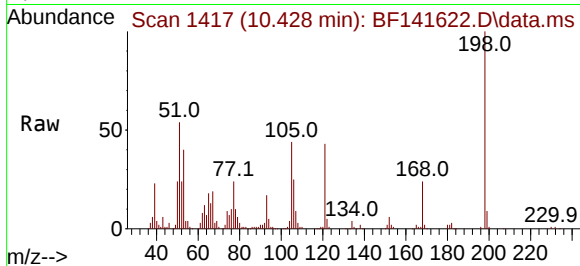




#65
4,6-Dinitro-2-methylphenol
Concen: 47.002 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

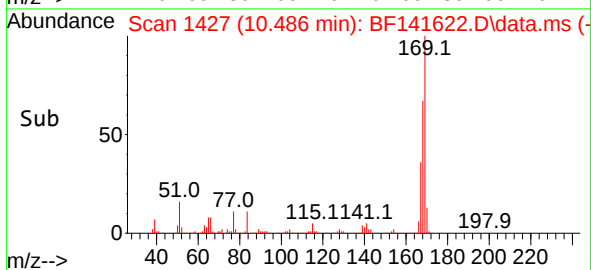
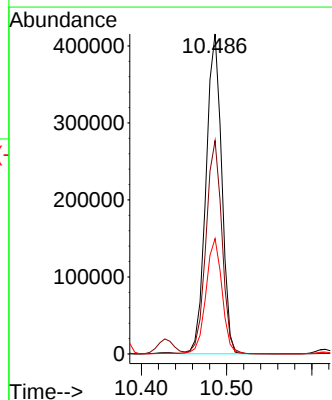
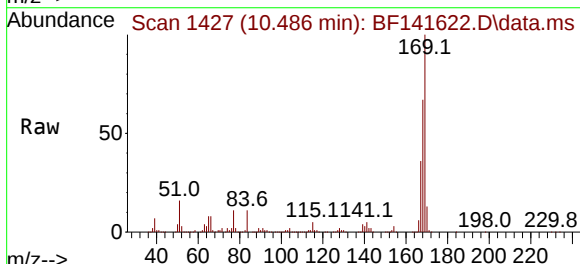
Instrument :
BNA_F
ClientSampleId :
346MSD

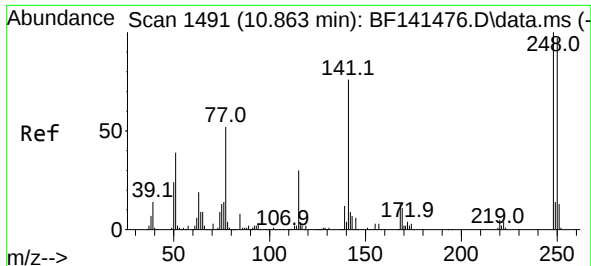
Tgt Ion:198 Resp: 108706
Ion Ratio Lower Upper
198 100
51 54.2 37.4 77.4
105 44.2 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 49.709 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:169 Resp: 529786
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.1 29.4 44.2

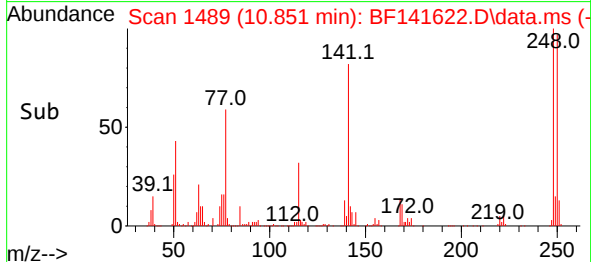
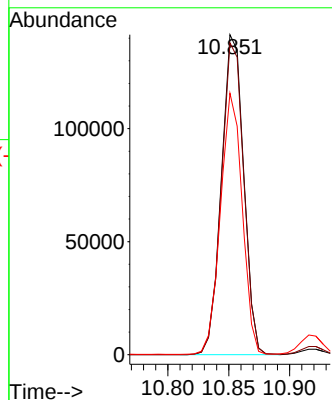
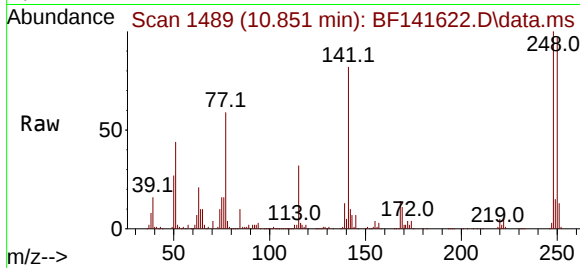




#67
4-Bromophenyl-phenylether
Concen: 48.555 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

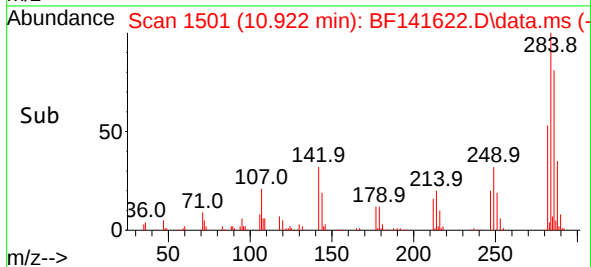
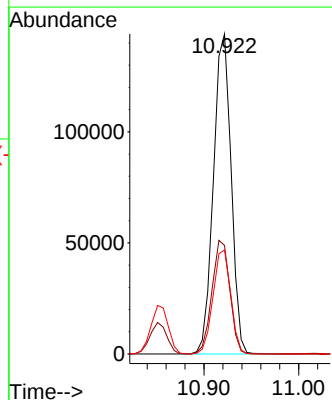
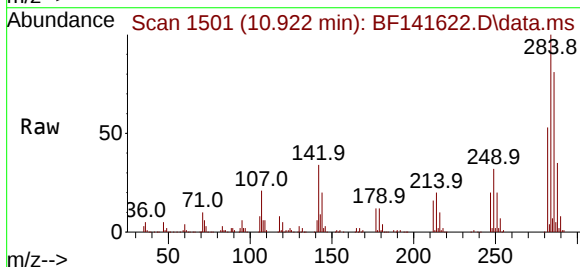
Instrument :
BNA_F
ClientSampleId :
346MSD

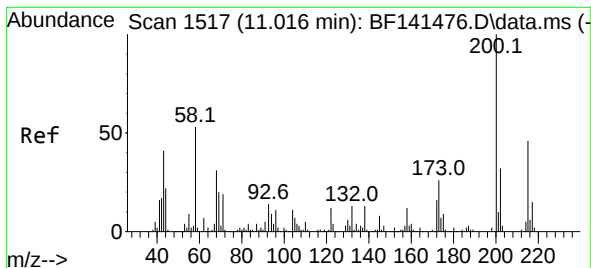
Tgt Ion:248 Resp: 180677
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.6
141 81.7 60.6 90.8



#68
Hexachlorobenzene
Concen: 48.718 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:284 Resp: 186672
Ion Ratio Lower Upper
284 100
142 33.9 28.0 42.0
249 32.5 25.8 38.8





#69

Atrazine

Concen: 58.687 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

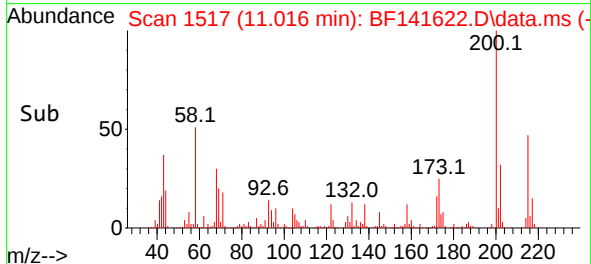
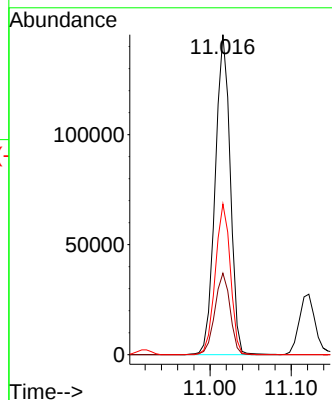
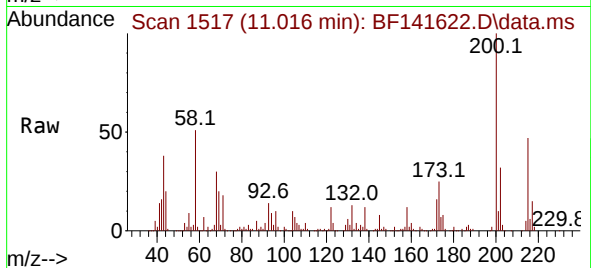
Tgt Ion:200 Resp: 187643

Ion Ratio Lower Upper

200 100

173 25.4 5.9 45.9

215 47.1 25.9 65.9



#70

Pentachlorophenol

Concen: 82.756 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

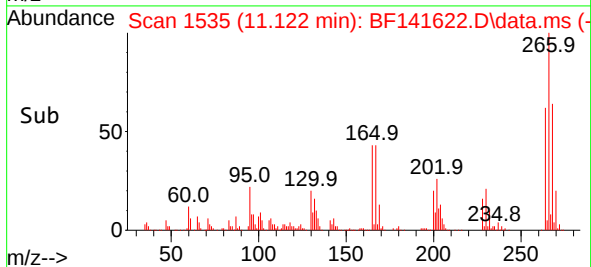
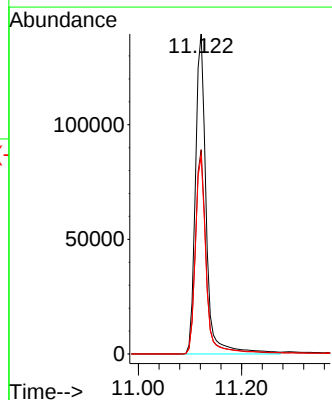
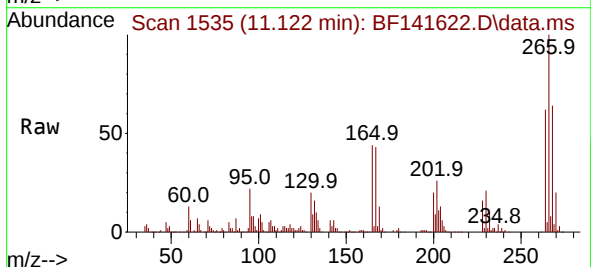
Tgt Ion:266 Resp: 202757

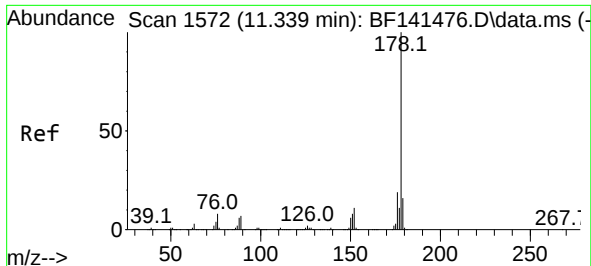
Ion Ratio Lower Upper

266 100

268 63.9 50.1 75.1

264 61.7 50.1 75.1

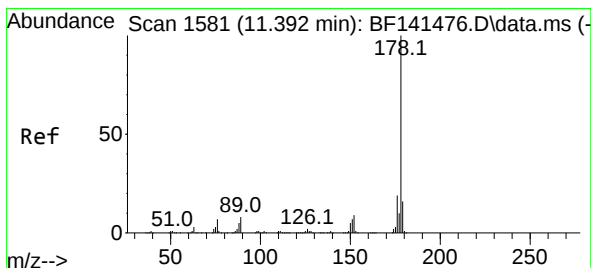
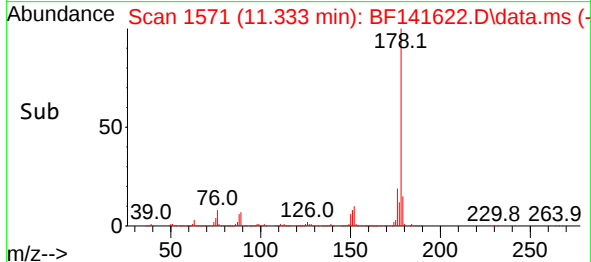
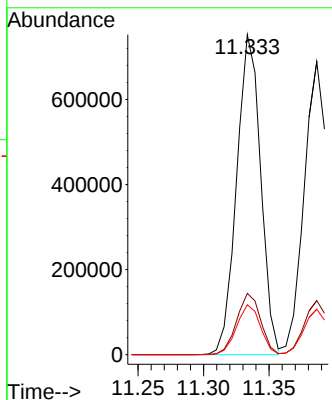
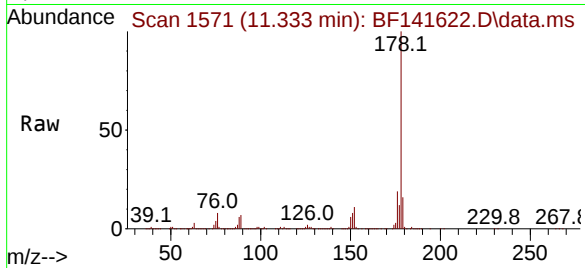




#71
Phenanthrene
Concen: 52.362 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

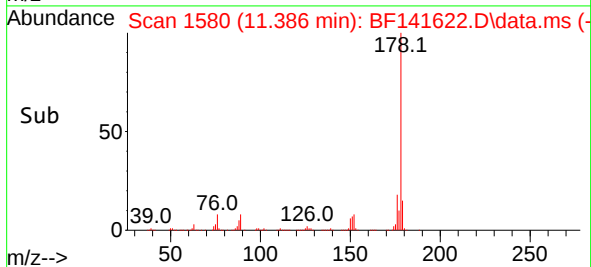
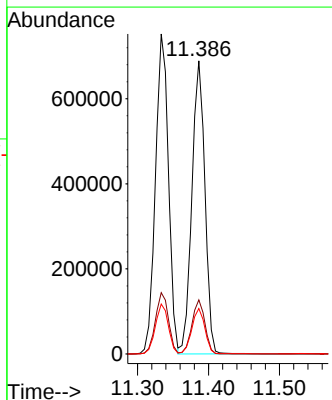
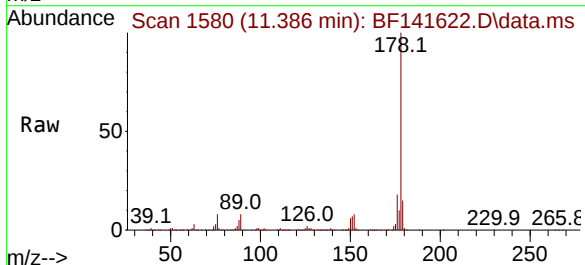
Instrument :
BNA_F
ClientSampleId :
346MSD

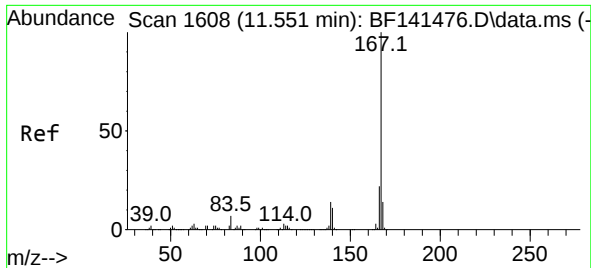
Tgt Ion:178 Resp: 959629
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 47.739 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:178 Resp: 879507
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.4 18.6

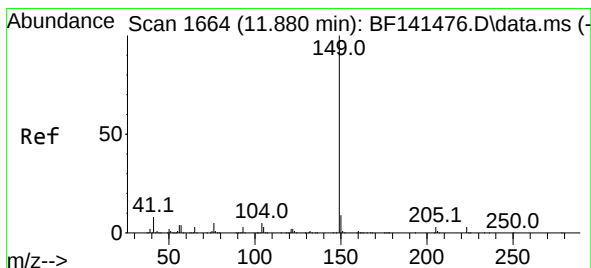
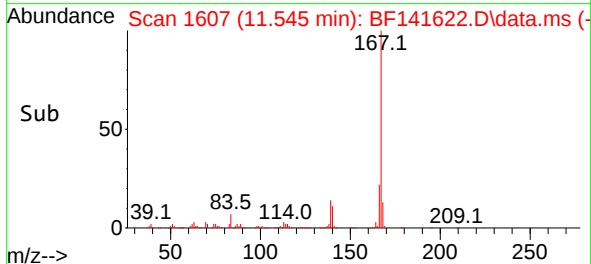
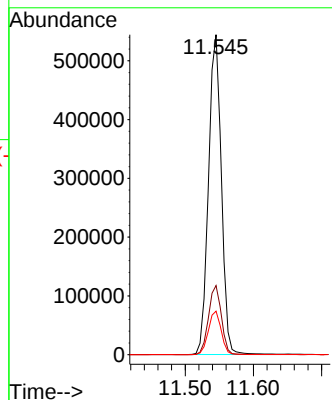
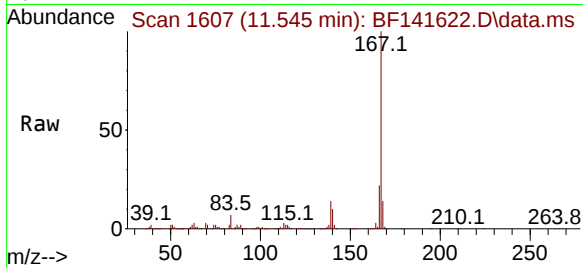




#73
 Carbazole
 Concen: 43.108 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141622.D
 Acq: 13 Feb 2025 18:34

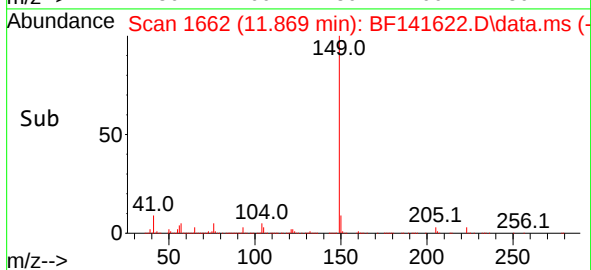
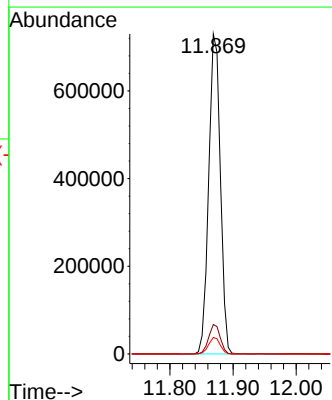
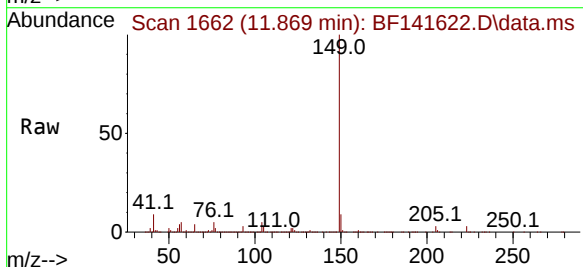
Instrument :
 BNA_F
 ClientSampleId :
 346MSD

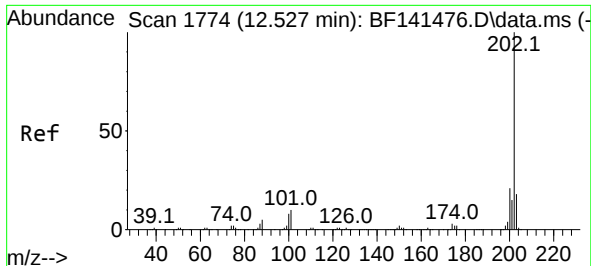
Tgt Ion:167 Resp: 714592
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 48.930 ng
 RT: 11.869 min Scan# 1662
 Delta R.T. -0.012 min
 Lab File: BF141622.D
 Acq: 13 Feb 2025 18:34

Tgt Ion:149 Resp: 936556
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2

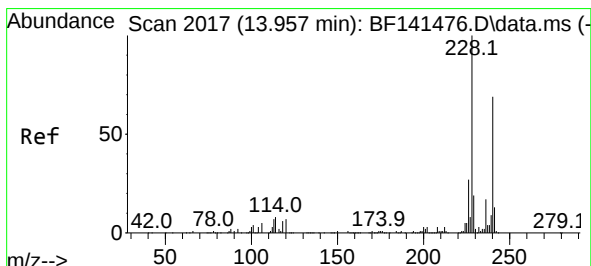
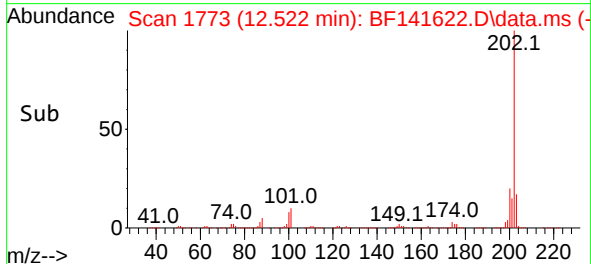
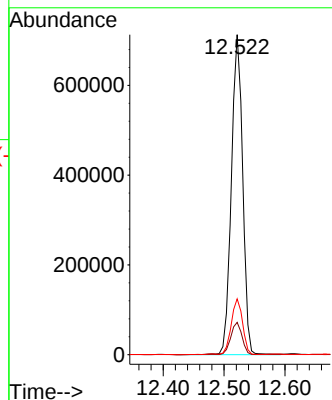
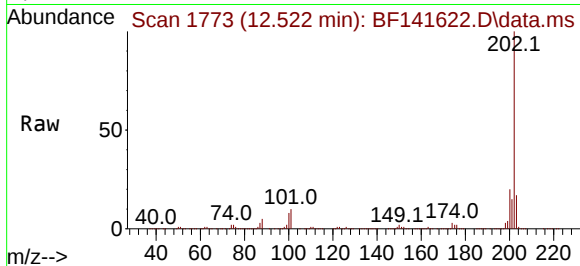




#75
Fluoranthene
Concen: 47.320 ng
RT: 12.522 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

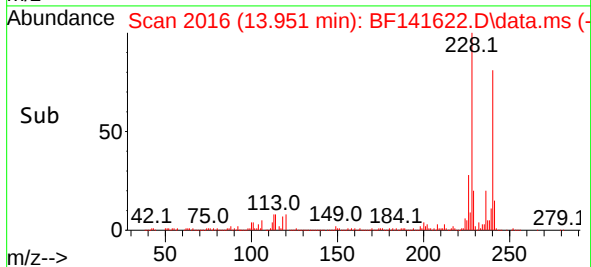
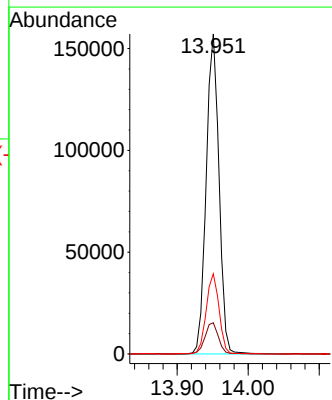
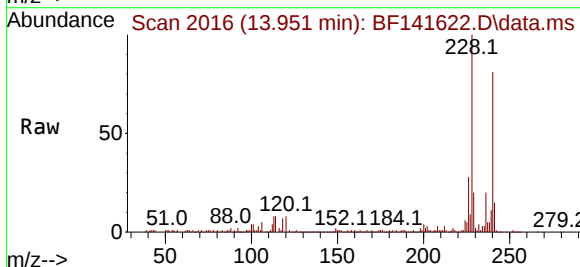
Instrument :
BNA_F
ClientSampleId :
346MSD

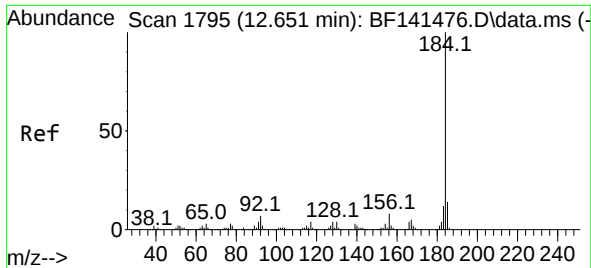
Tgt Ion:202 Resp: 919428
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:240 Resp: 197425
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.1 19.8 29.8

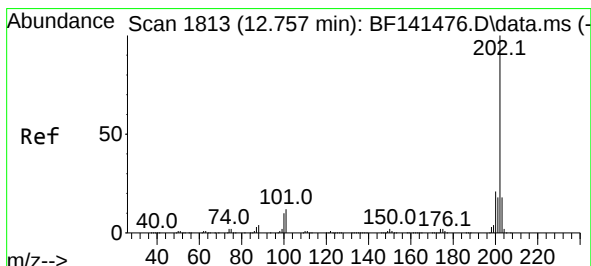
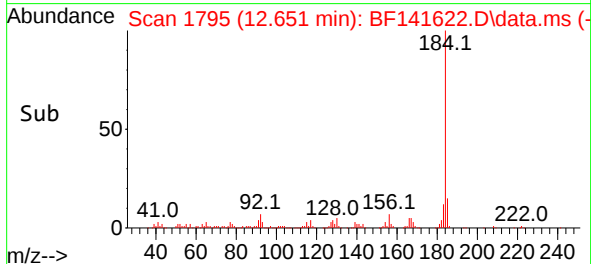
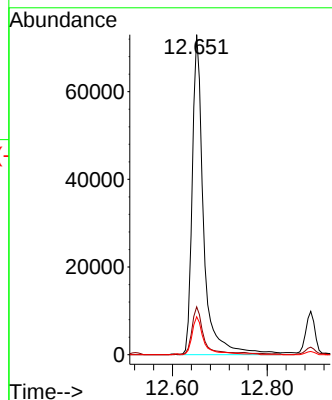
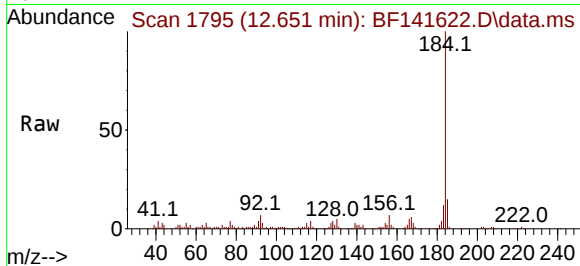




#77
Benzidine
Concen: 28.050 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

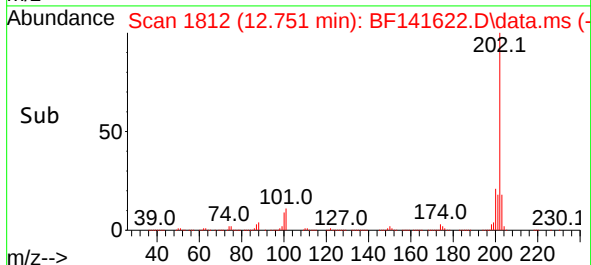
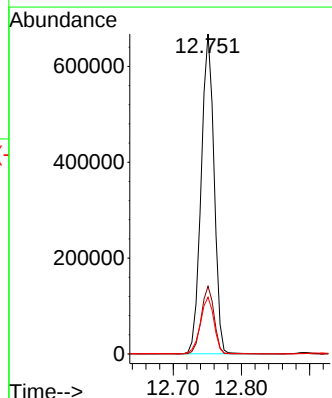
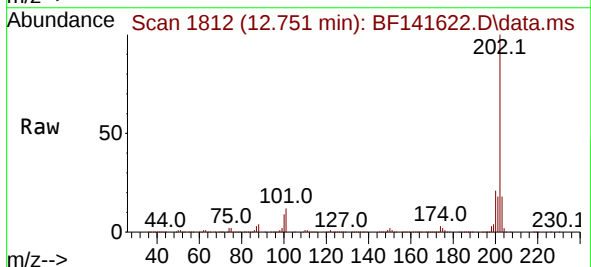
Instrument :
BNA_F
ClientSampleId :
346MSD

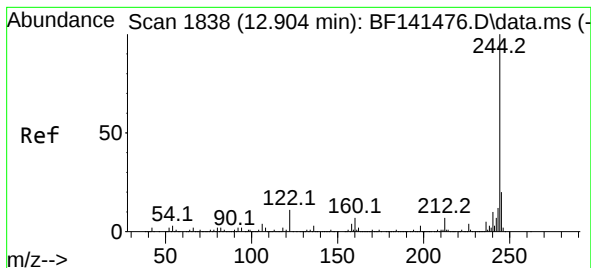
Tgt Ion:184 Resp: 122134
Ion Ratio Lower Upper
184 100
185 15.0 11.3 16.9
183 11.8 9.3 13.9



#78
Pyrene
Concen: 52.213 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:202 Resp: 877504
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 80.243 ng

RT: 12.892 min Scan# 1836

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

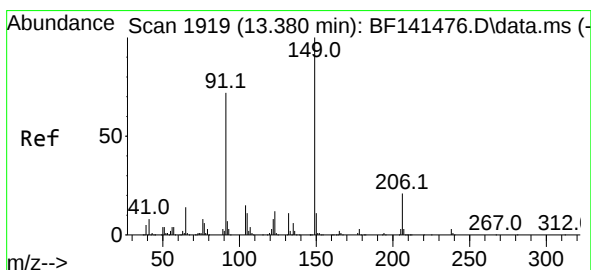
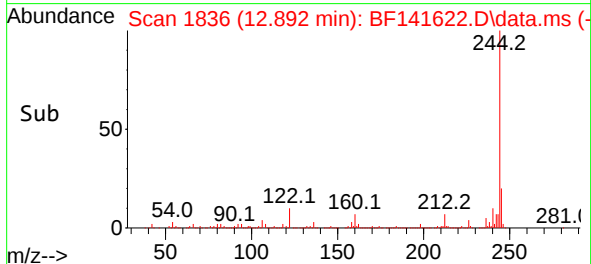
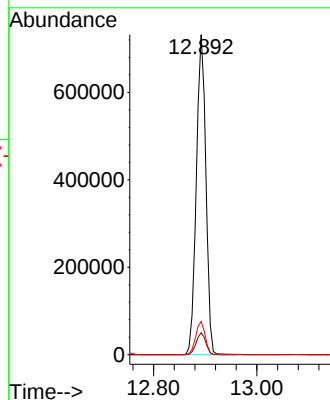
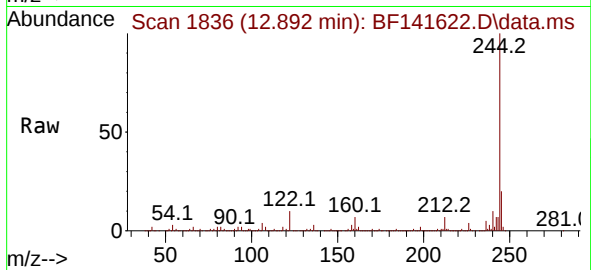
Tgt Ion:244 Resp: 938410

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.4 8.4 12.6



#80

Butylbenzylphthalate

Concen: 53.858 ng

RT: 13.369 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

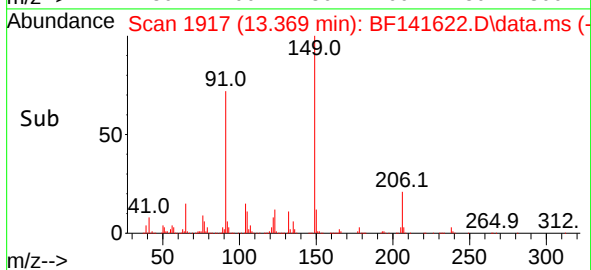
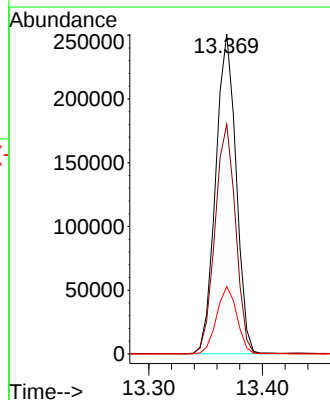
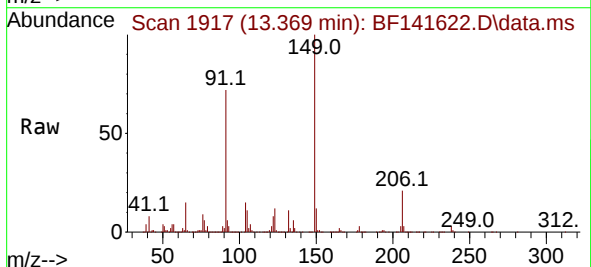
Tgt Ion:149 Resp: 313519

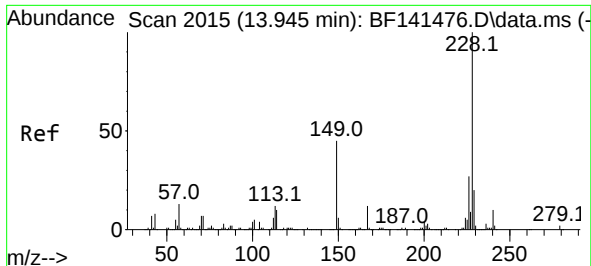
Ion Ratio Lower Upper

149 100

91 71.7 57.8 86.8

206 21.1 16.7 25.1

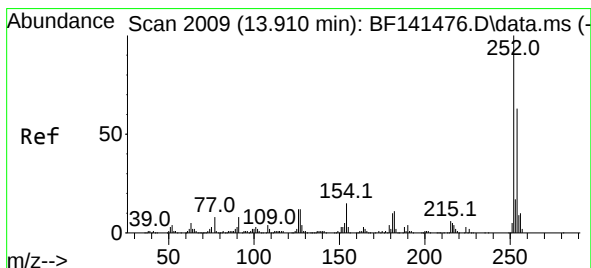
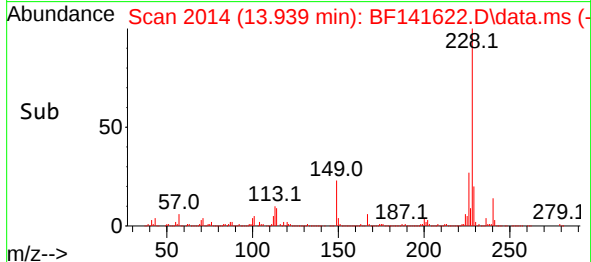
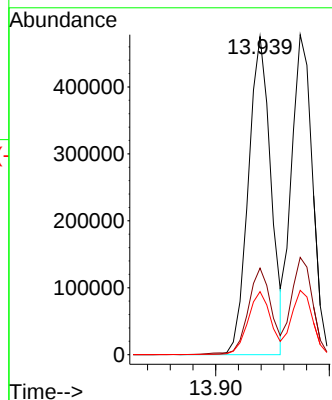
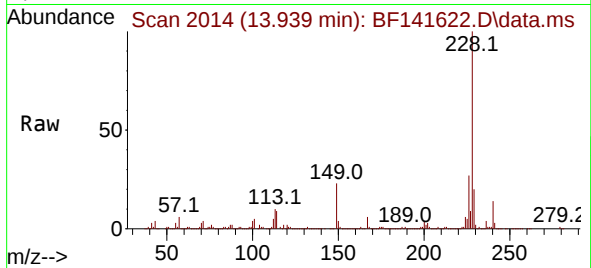




#81
Benzo(a)anthracene
Concen: 50.089 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

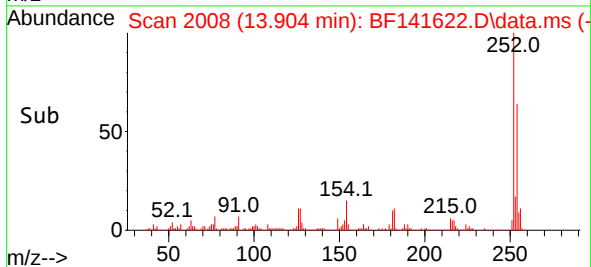
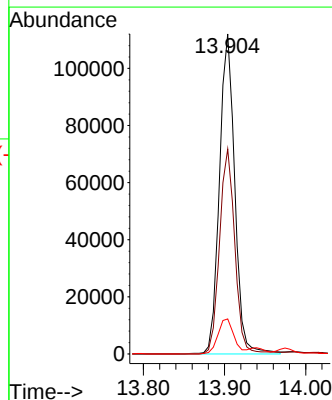
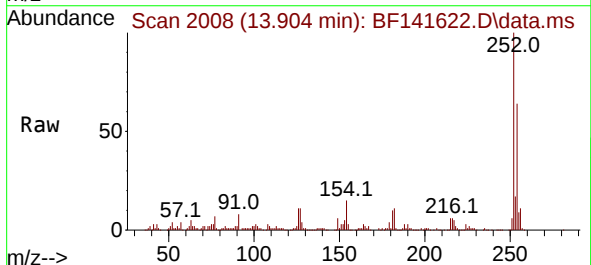
Instrument :
BNA_F
ClientSampleId :
346MSD

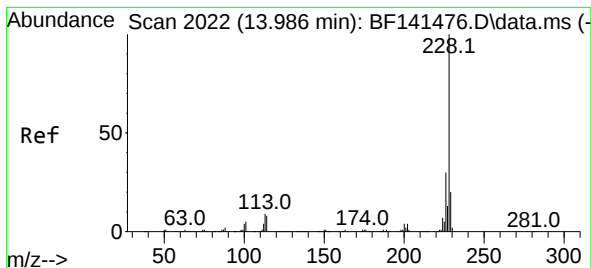
Tgt Ion:228 Resp: 657339
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.261 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:252 Resp: 147593
Ion Ratio Lower Upper
252 100
254 64.1 50.6 76.0
126 11.0 9.3 13.9





#83

Chrysene

Concen: 50.244 ng

RT: 13.974 min Scan# 2012

Delta R.T. -0.018 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

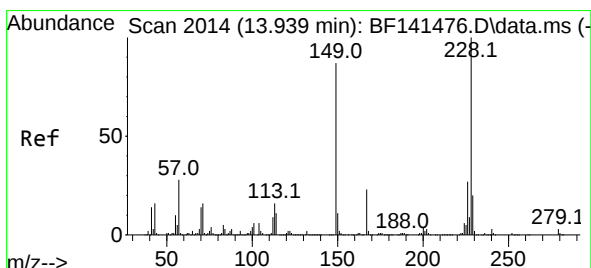
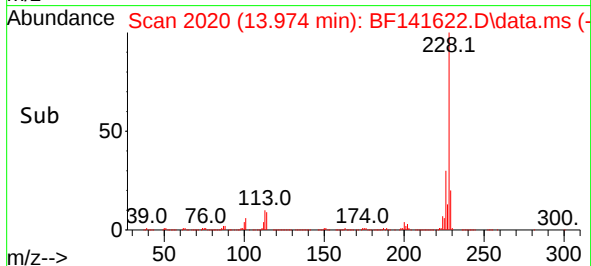
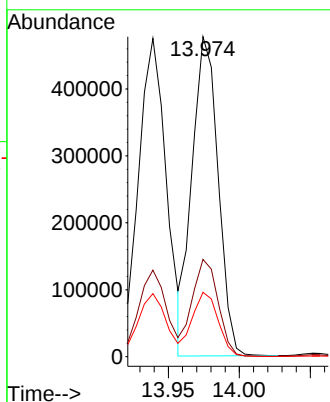
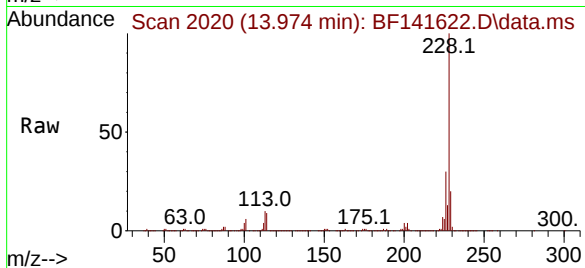
Tgt Ion:228 Resp: 608834

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.125 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

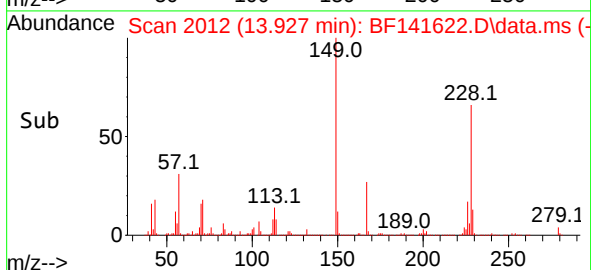
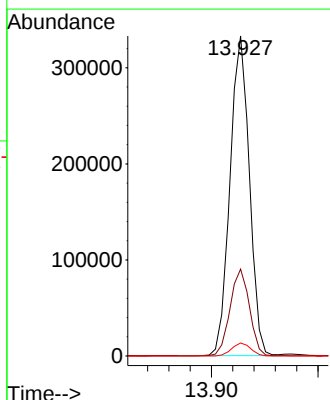
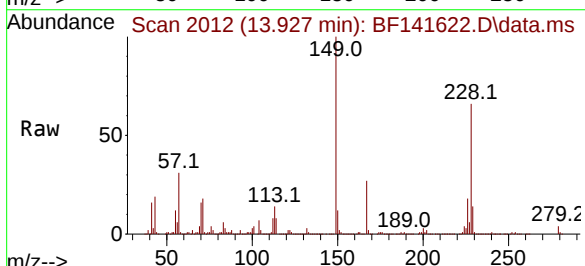
Tgt Ion:149 Resp: 421005

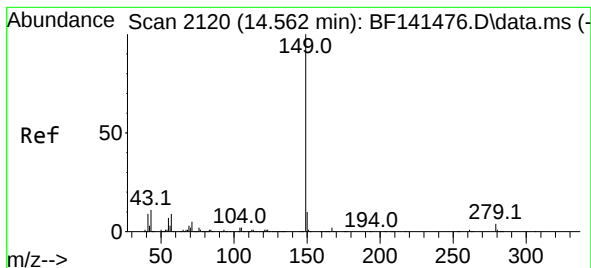
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 72.113 ng

RT: 14.545 min Scan# 2117

Delta R.T. -0.018 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

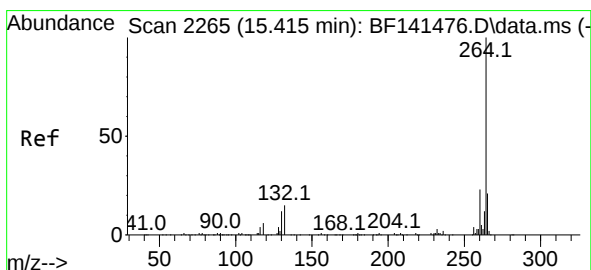
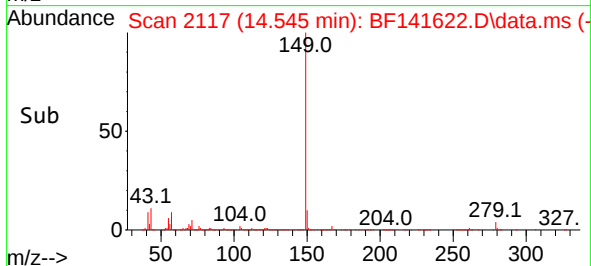
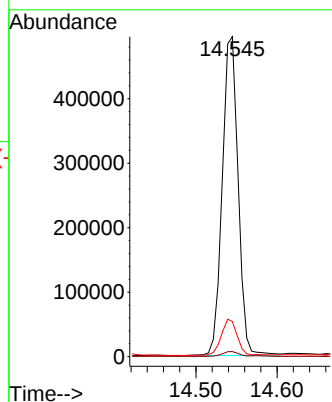
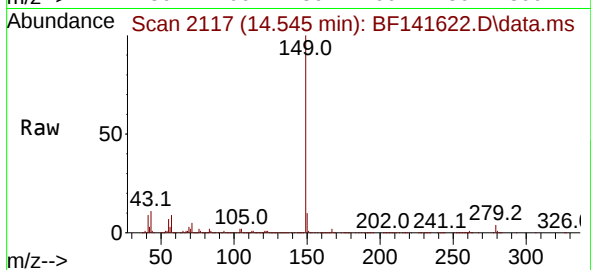
Tgt Ion:149 Resp: 675420

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.5 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2262

Delta R.T. -0.018 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

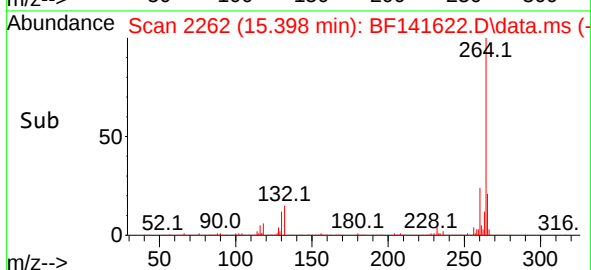
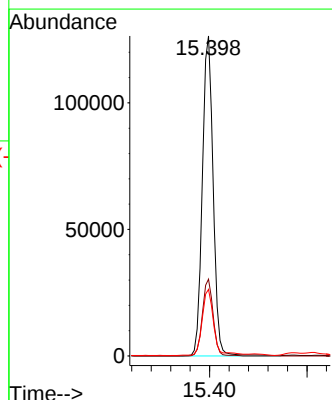
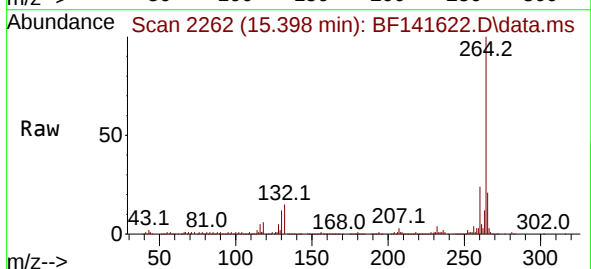
Tgt Ion:264 Resp: 194984

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.818 ng

RT: 16.839 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

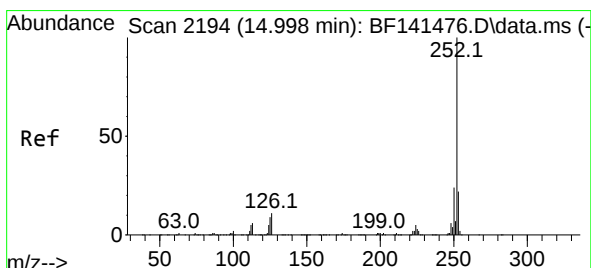
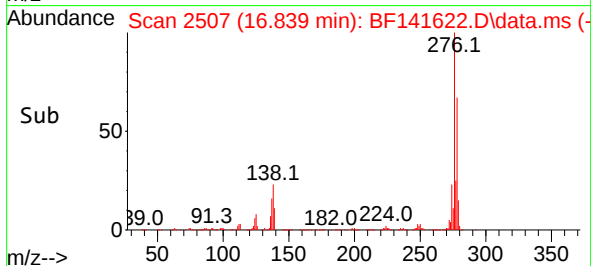
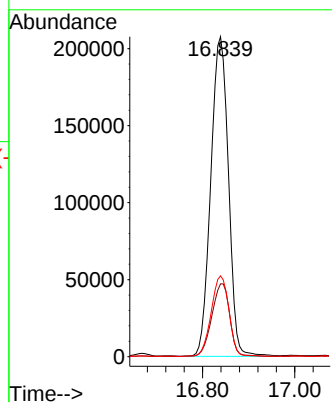
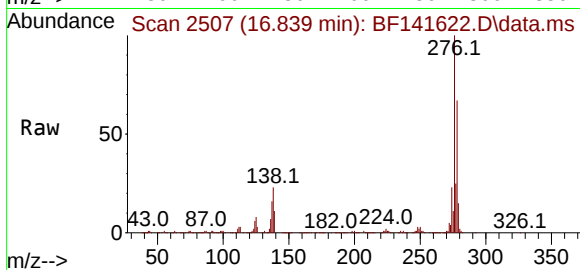
Tgt Ion:276 Resp: 552012

Ion Ratio Lower Upper

276 100

138 23.2 18.0 27.0

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.951 ng

RT: 14.980 min Scan# 2191

Delta R.T. -0.023 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

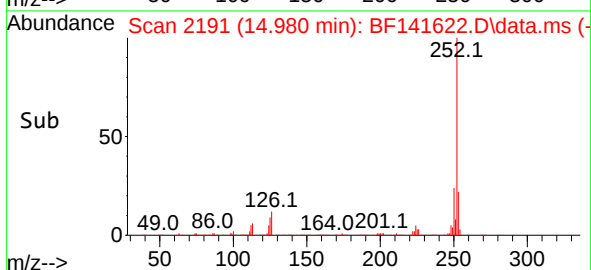
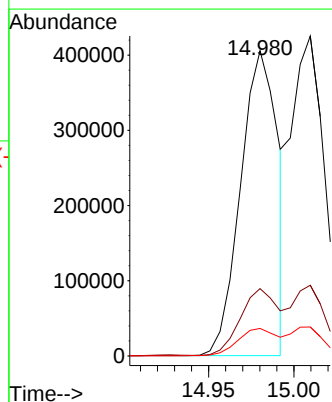
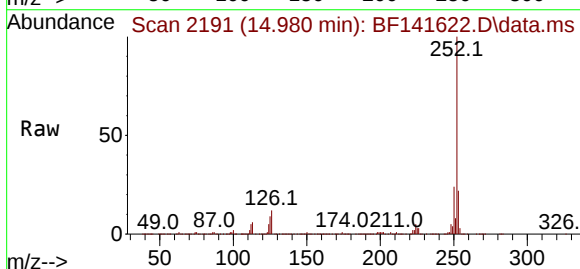
Tgt Ion:252 Resp: 614700

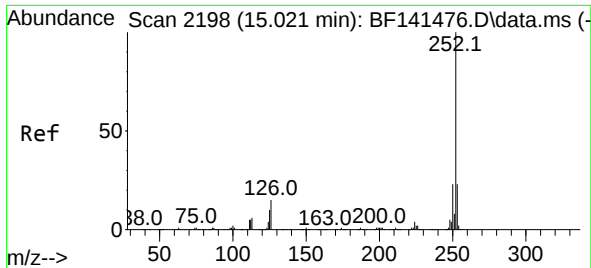
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.0 7.0 10.6

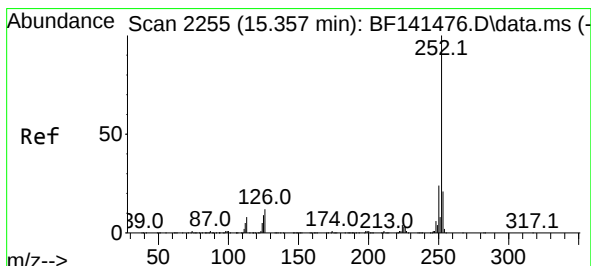
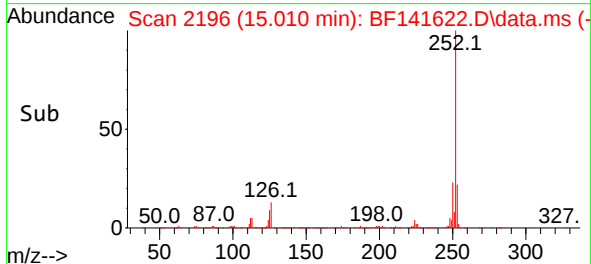
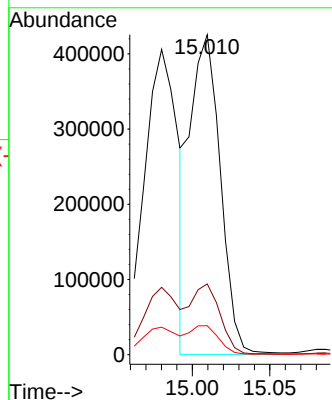
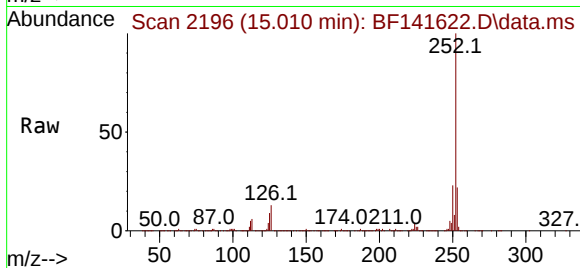




#89
Benzo(k)fluoranthene
Concen: 51.631 ng
RT: 15.010 min Scan# 2198
Delta R.T. -0.023 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

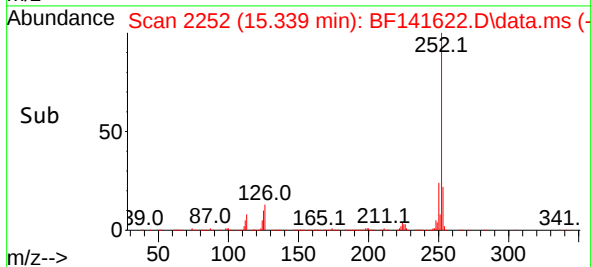
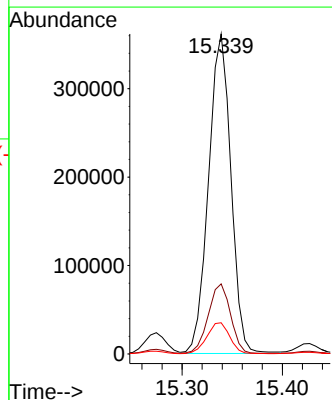
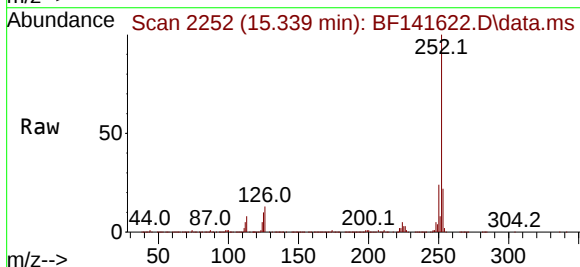
Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:252 Resp: 577212
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 53.080 ng
RT: 15.339 min Scan# 2252
Delta R.T. -0.023 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:252 Resp: 562324
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.8 7.4 11.2

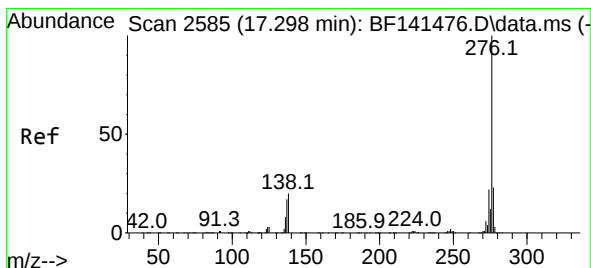
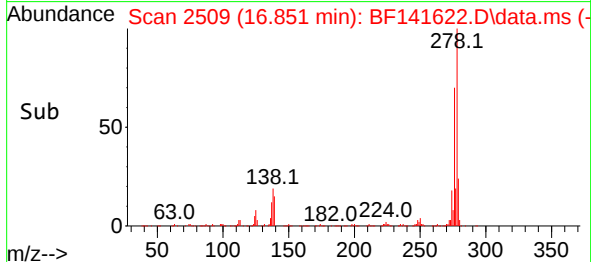
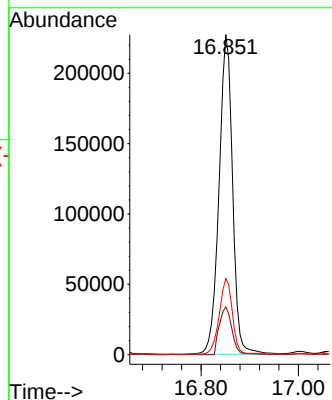
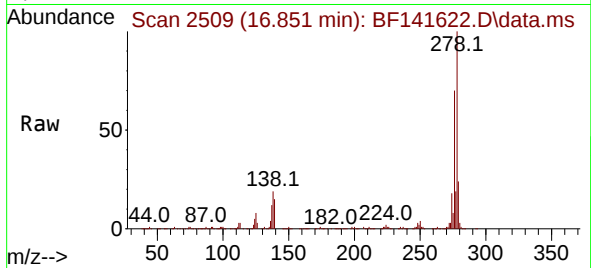




#91
 Dibenzo(a,h)anthracene
 Concen: 45.018 ng
 RT: 16.851 min Scan# 2509
 Delta R.T. -0.041 min
 Lab File: BF141622.D
 Acq: 13 Feb 2025 18:34

Instrument :
 BNA_F
 ClientSampleId :
 346MSD

Tgt Ion:278 Resp: 439480
 Ion Ratio Lower Upper
 278 100
 139 14.9 11.8 17.6
 279 23.8 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 40.453 ng
 RT: 17.268 min Scan# 2580
 Delta R.T. -0.047 min
 Lab File: BF141622.D
 Acq: 13 Feb 2025 18:34

Tgt Ion:276 Resp: 413262
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.6 28.0
 138 19.2 15.9 23.9

