

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141784.D
 Acq On : 26 Feb 2025 15:59
 Operator : RC/JU
 Sample : Q1422-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB01MS

Quant Time: Feb 26 16:22:26 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	79854	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	322962	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	177311	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	312658	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	214920	20.000	ng	-0.02
86) Perylene-d12	15.386	264	184312	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	463240	90.946	ng	0.00
7) Phenol-d6	6.428	99	564614	87.702	ng	-0.01
23) Nitrobenzene-d5	7.345	82	360039	58.146	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	163946	92.044	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	686035	59.609	ng	-0.02
79) Terphenyl-d14	12.886	244	817250	64.194	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	87029	42.452	ng	93
3) Pyridine	3.257	79	198020	40.592	ng	90
4) n-Nitrosodimethylamine	3.210	42	113138	35.025	ng	83
6) Aniline	6.446	93	181638	30.077	ng	# 76
8) 2-Chlorophenol	6.569	128	239317	43.482	ng	99
9) Benzaldehyde	6.334	77	89246	26.087	ng	95
10) Phenol	6.440	94	287634	42.927	ng	92
11) bis(2-Chloroethyl)ether	6.516	93	213979	42.516	ng	98
12) 1,3-Dichlorobenzene	6.722	146	245905	42.321	ng	97
13) 1,4-Dichlorobenzene	6.798	146	252675	42.562	ng	97
14) 1,2-Dichlorobenzene	6.951	146	239585	43.483	ng	99
15) Benzyl Alcohol	6.928	79	199900	40.491	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	318601	36.981	ng	61
17) 2-Methylphenol	7.051	107	182215	42.306	ng	93
18) Hexachloroethane	7.287	117	93229	42.433	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	159978	41.543	ng	92
20) 3+4-Methylphenols	7.204	107	241904	44.194	ng	# 73
22) Acetophenone	7.193	105	364098	45.320	ng	# 90
24) Nitrobenzene	7.369	77	238455	39.493	ng	95
25) Isophorone	7.604	82	426486	43.198	ng	99
26) 2-Nitrophenol	7.681	139	128143	42.658	ng	93
27) 2,4-Dimethylphenol	7.728	122	189805	54.086	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	269122	42.540	ng	99
29) 2,4-Dichlorophenol	7.934	162	199953	42.170	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	213563	41.361	ng	100
31) Naphthalene	8.087	128	679030	40.391	ng	100
32) Benzoic acid	7.863	122	101995	27.981	ng	95
33) 4-Chloroaniline	8.140	127	75693	12.896	ng	97
34) Hexachlorobutadiene	8.198	225	131485	42.417	ng	99
35) Caprolactam	8.510	113	68349m	47.344	ng	
36) 4-Chloro-3-methylphenol	8.634	107	214849	40.906	ng	98
37) 2-Methylnaphthalene	8.775	142	437338	39.977	ng	99
38) 1-Methylnaphthalene	8.875	142	423635	39.983	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	238674	46.527	ng	99
41) Hexachlorocyclopentadiene	8.928	237	187870	110.109	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	137394	41.440	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	149521	41.612	ng	97
46) 1,1'-Biphenyl	9.239	154	639642	46.531	ng	100
47) 2-Chloronaphthalene	9.263	162	434391	42.733	ng	98
48) 2-Nitroaniline	9.369	65	138675	40.650	ng	91
49) Acenaphthylene	9.681	152	666305	44.069	ng	99
50) Dimethylphthalate	9.539	163	514964	42.781	ng	99
51) 2,6-Dinitrotoluene	9.610	165	116422	44.243	ng	90
52) Acenaphthene	9.851	154	416385	40.964	ng	100
53) 3-Nitroaniline	9.781	138	70858	25.019	ng	97
54) 2,4-Dinitrophenol	9.898	184	99584	63.676	ng	# 85
55) Dibenzofuran	10.022	168	601769	40.333	ng	99
56) 4-Nitrophenol	9.963	139	159933	76.071	ng	93
57) 2,4-Dinitrotoluene	10.016	165	151157	43.150	ng	98
58) Fluorene	10.363	166	489898	42.466	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	123256	39.843	ng	# 95
60) Diethylphthalate	10.239	149	507703	42.869	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	242214	43.643	ng	96
62) 4-Nitroaniline	10.398	138	122560	42.617	ng	94
63) Azobenzene	10.516	77	499266	42.405	ng	94
65) 4,6-Dinitro-2-methylph...	10.428	198	78485	36.137	ng	88
66) n-Nitrosodiphenylamine	10.475	169	431958	43.159	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	150121	42.961	ng	100
68) Hexachlorobenzene	10.916	284	158295	43.992	ng	97
69) Atrazine	11.010	200	165560	55.140	ng	99
70) Pentachlorophenol	11.116	266	154259	67.046	ng	99
71) Phenanthrene	11.328	178	738439	42.906	ng	100
72) Anthracene	11.381	178	768272	44.407	ng	100
73) Carbazole	11.539	167	671363	43.127	ng	99
74) Di-n-butylphthalate	11.863	149	801177	44.573	ng	100
75) Fluoranthene	12.516	202	783278	42.928	ng	100
77) Benzidine	12.639	184	237535	50.114	ng	100
78) Pyrene	12.745	202	801068	43.785	ng	99
80) Butylbenzylphthalate	13.357	149	310087	48.933	ng	98
81) Benzo(a)anthracene	13.933	228	631417	44.197	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	133088	32.521	ng	99
83) Chrysene	13.969	228	559008	42.377	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	400847	56.085	ng	99
85) Di-n-octyl phthalate	14.527	149	557047	54.634	ng	96
87) Indeno(1,2,3-cd)pyrene	16.833	276	554914	48.726	ng	99
88) Benzo(b)fluoranthene	14.969	252	457903	37.000	ng	99
89) Benzo(k)fluoranthene	14.998	252	406870	38.501	ng	99
90) Benzo(a)pyrene	15.327	252	451992	45.136	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	447722	48.518	ng	99
92) Benzo(g,h,i)perylene	17.262	276	432991	44.839	ng	99

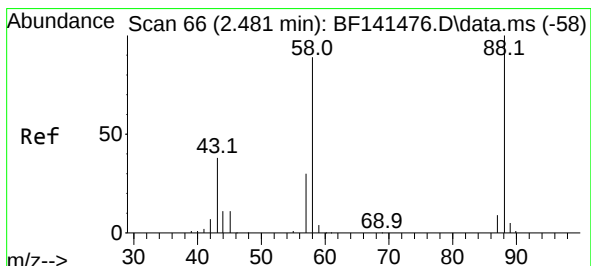
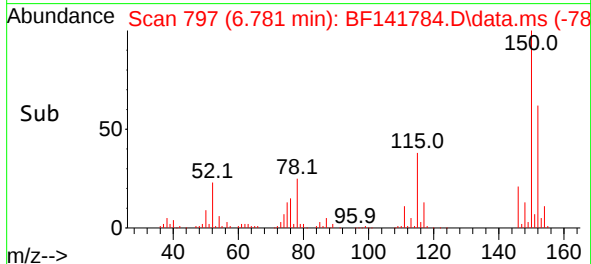
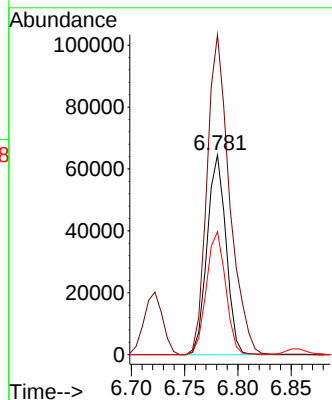
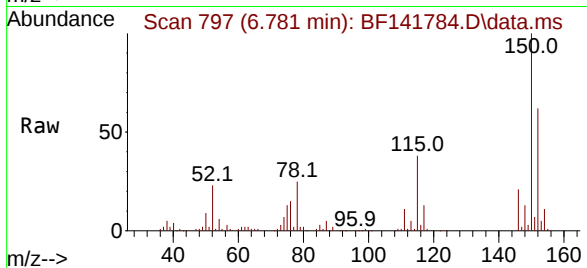
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 74
 Delta R.T. -0.011 min
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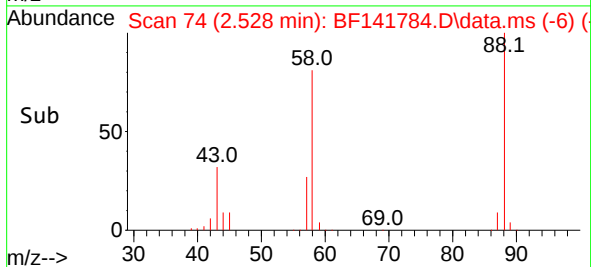
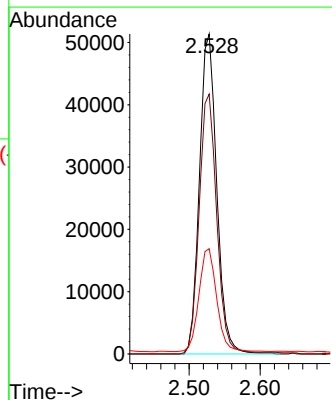
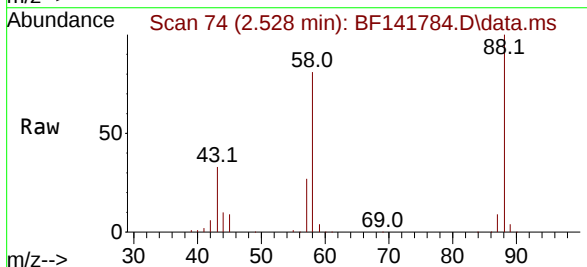
Instrument :
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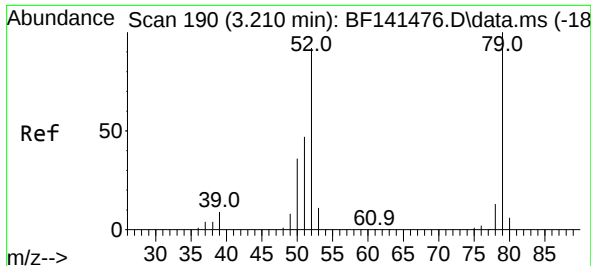
Tgt Ion:152 Resp: 79854
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.0 187.4
 115 61.6 53.6 80.4



#2
 1,4-Dioxane
 Concen: 42.452 ng
 RT: 2.528 min Scan# 74
 Delta R.T. 0.047 min
 Lab File: BF141784.D
 Acq: 26 Feb 2025 15:59

Tgt Ion: 88 Resp: 87029
 Ion Ratio Lower Upper
 88 100
 58 82.9 71.1 106.7
 43 33.1 30.6 46.0





#3

Pyridine

Concen: 40.592 ng

RT: 3.257 min Scan# 190

Delta R.T. 0.041 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

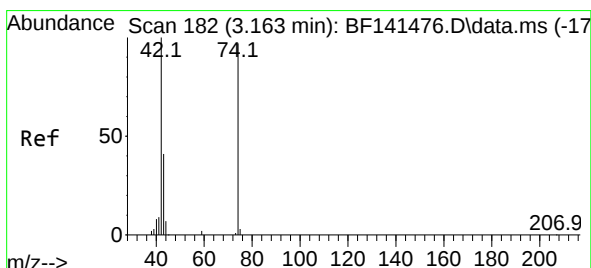
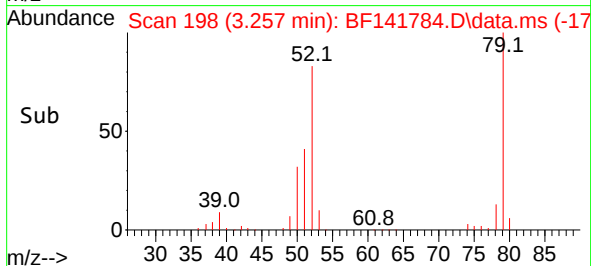
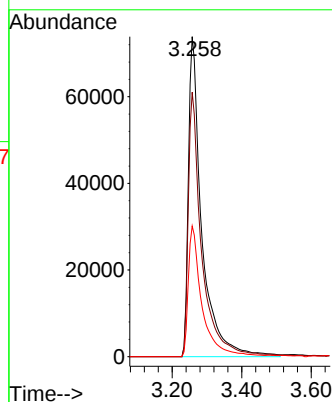
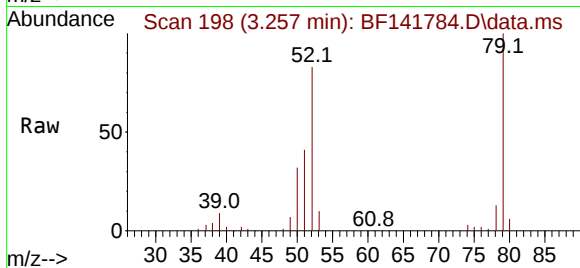
Tgt Ion: 79 Resp: 198020

Ion Ratio Lower Upper

79 100

52 82.6 73.7 110.5

51 40.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 35.025 ng

RT: 3.210 min Scan# 190

Delta R.T. 0.024 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

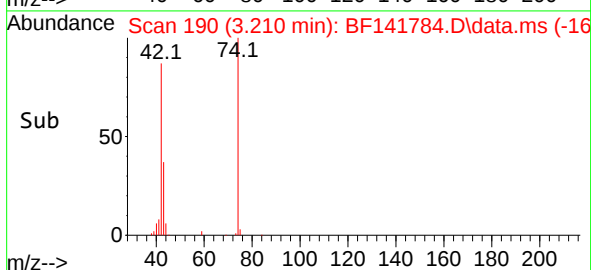
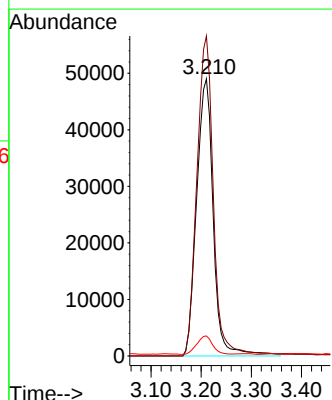
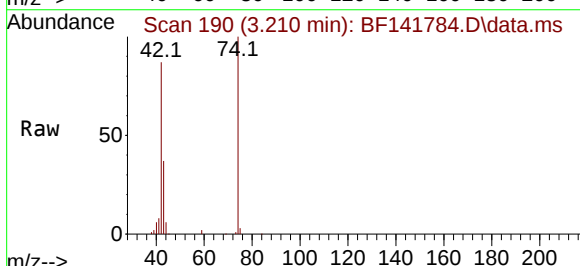
Tgt Ion: 42 Resp: 113138

Ion Ratio Lower Upper

42 100

74 115.5 78.0 117.0

44 7.2 5.4 8.2

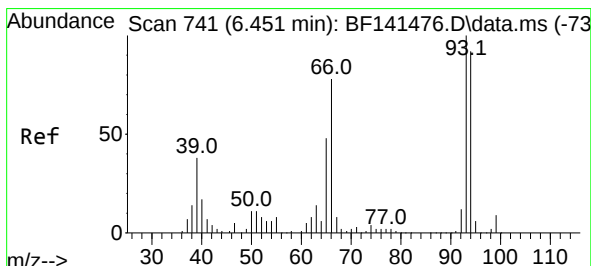
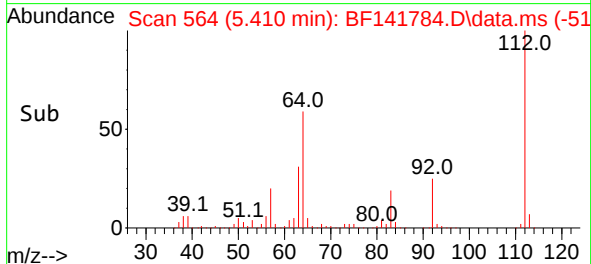
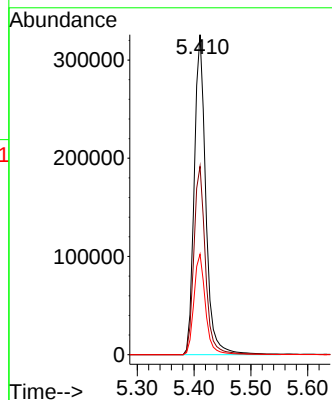
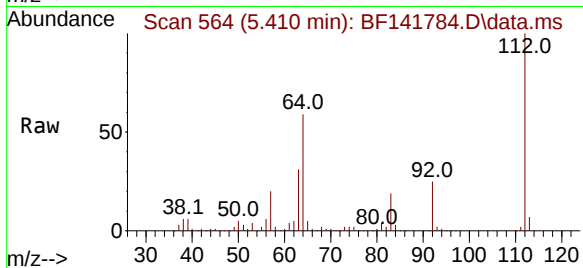




#5
2-Fluorophenol
Concen: 90.946 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

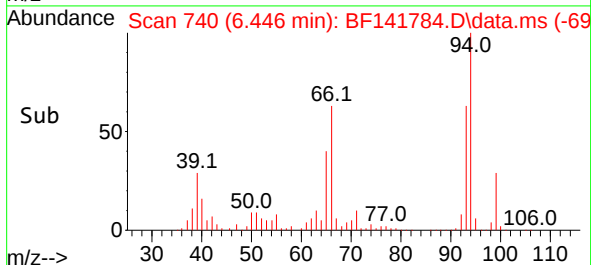
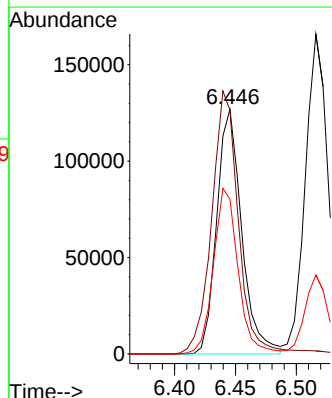
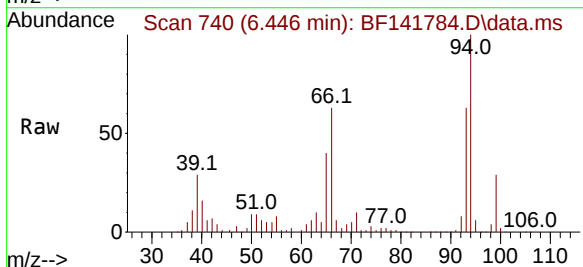
Instrument :
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Tgt Ion:112 Resp: 463240
Ion Ratio Lower Upper
112 100
64 58.9 51.1 76.7
63 31.4 28.4 42.6



#6
Aniline
Concen: 30.077 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion: 93 Resp: 181638
Ion Ratio Lower Upper
93 100
66 99.6 62.6 94.0#
65 63.3 38.3 57.5#

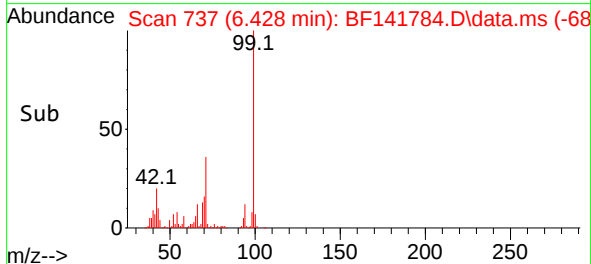
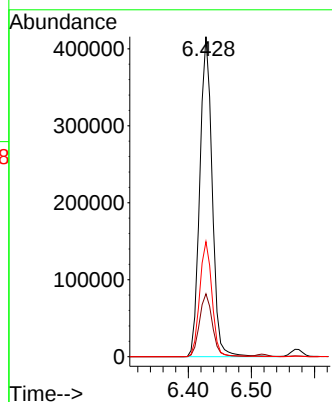
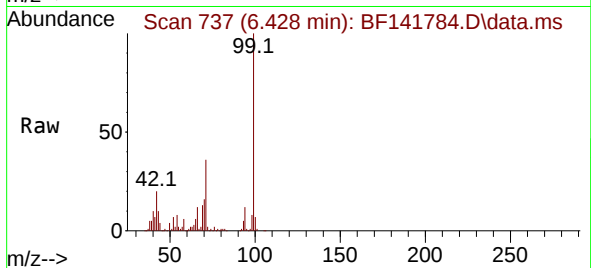




#7
Phenol-d6
Concen: 87.702 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

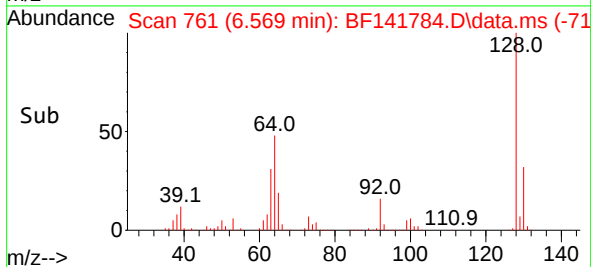
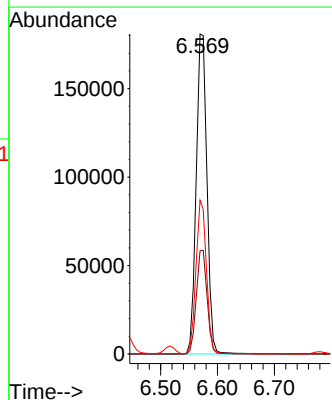
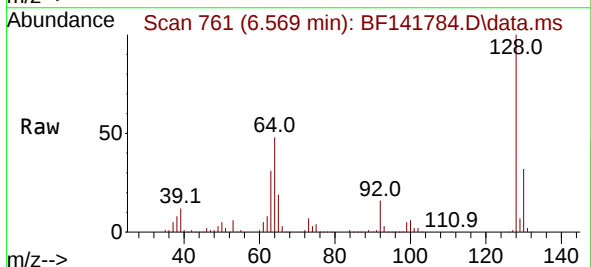
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 564614
Ion Ratio Lower Upper
99 100
42 19.6 19.1 28.7
71 36.0 31.1 46.7



#8
2-Chlorophenol
Concen: 43.482 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:128 Resp: 239317
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 48.0 28.3 68.3





#9

Benzaldehyde

Concen: 26.087 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

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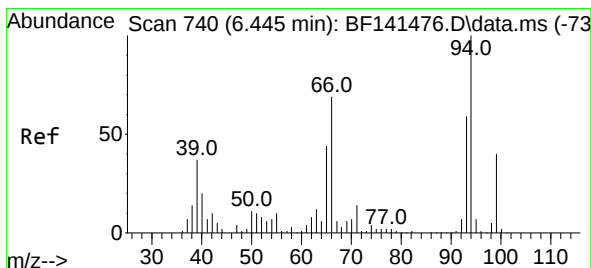
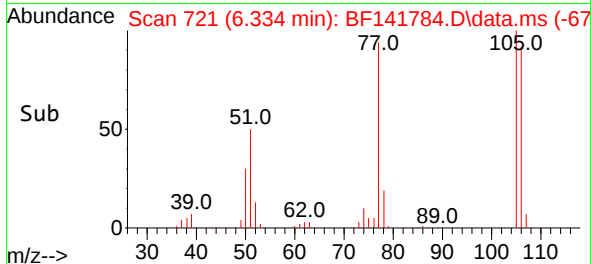
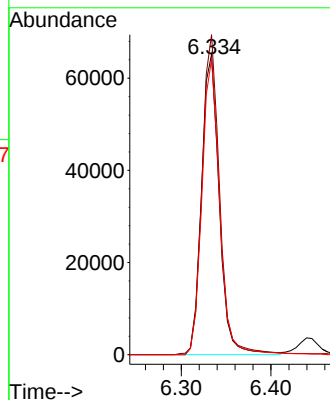
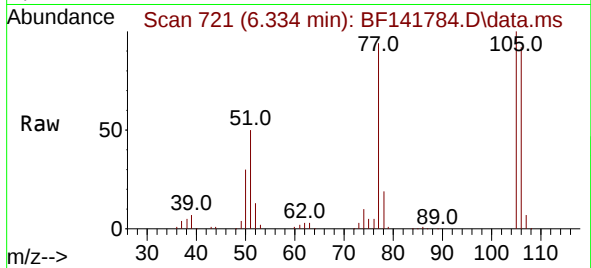
Tgt Ion: 77 Resp: 89246

Ion Ratio Lower Upper

77 100

105 106.5 79.4 119.4

106 98.3 75.1 115.1



#10

Phenol

Concen: 42.927 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.017 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

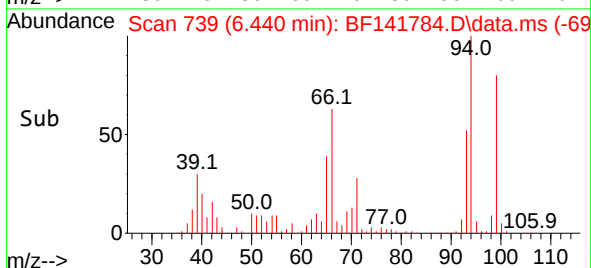
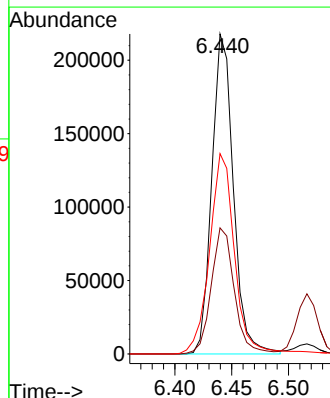
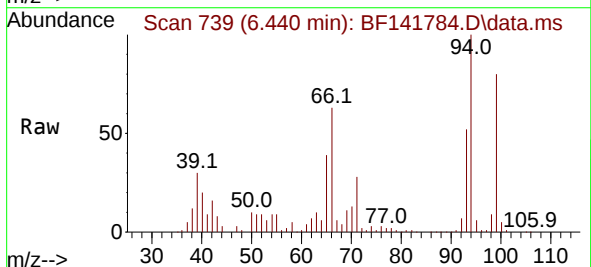
Tgt Ion: 94 Resp: 287634

Ion Ratio Lower Upper

94 100

65 39.4 23.7 63.7

66 62.6 49.3 89.3

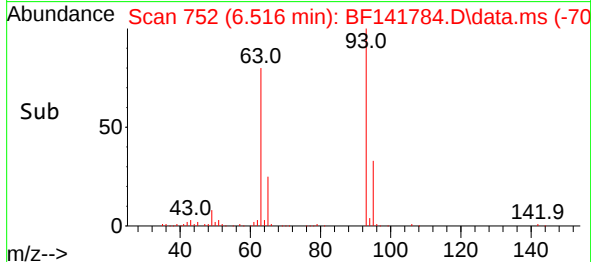
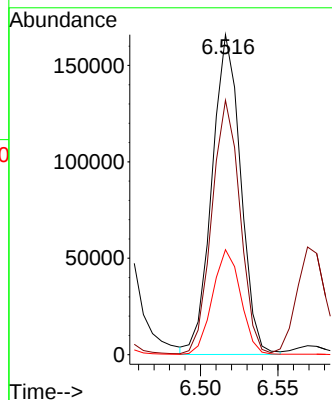
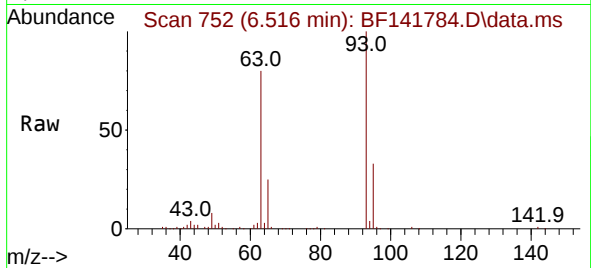




#11
bis(2-Chloroethyl)ether
Concen: 42.516 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

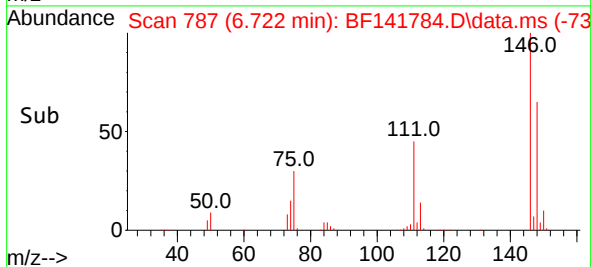
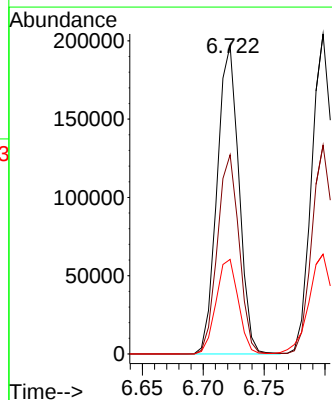
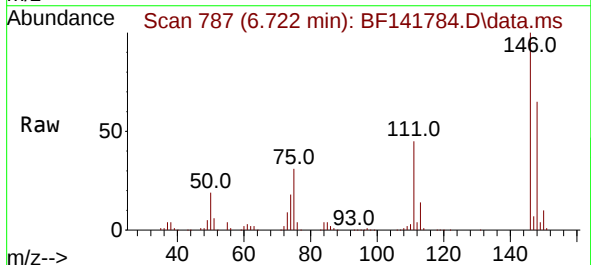
Instrument :
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Tgt Ion: 93 Resp: 213979
Ion Ratio Lower Upper
93 100
63 79.5 62.0 102.0
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.321 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:146 Resp: 245905
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 30.6 28.2 42.2

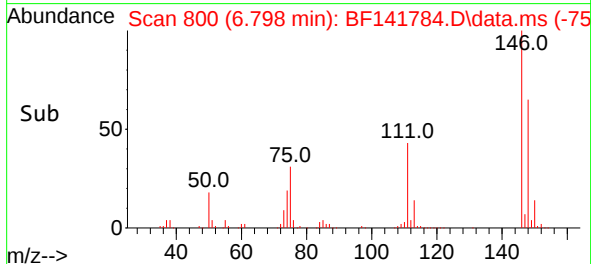
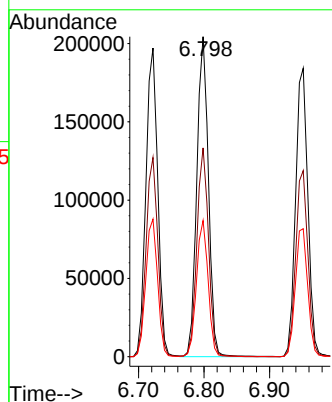
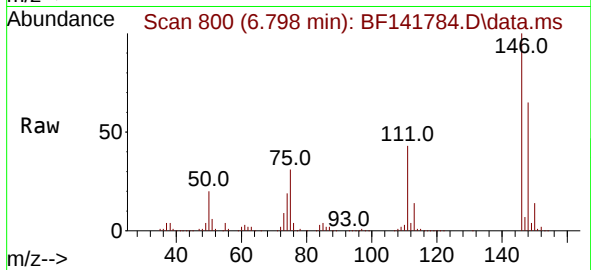




#13
 1,4-Dichlorobenzene
 Concen: 42.562 ng
 RT: 6.798 min Scan# 801
 Delta R.T. -0.012 min
 Lab File: BF141784.D
 Acq: 26 Feb 2025 15:59

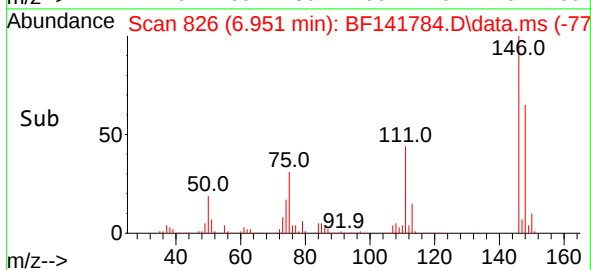
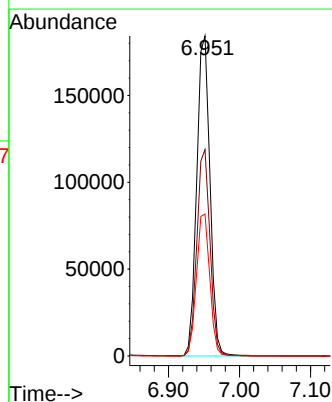
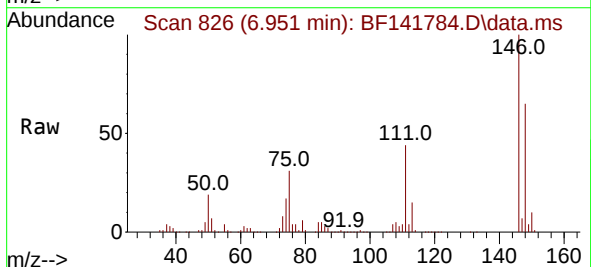
Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB01MS

Tgt Ion:146 Resp: 252675
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.9 76.3
 111 42.5 35.9 53.9



#14
 1,2-Dichlorobenzene
 Concen: 43.483 ng
 RT: 6.951 min Scan# 826
 Delta R.T. -0.012 min
 Lab File: BF141784.D
 Acq: 26 Feb 2025 15:59

Tgt Ion:146 Resp: 239585
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 44.4 37.0 55.4

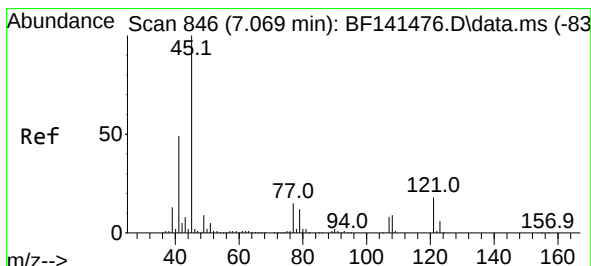
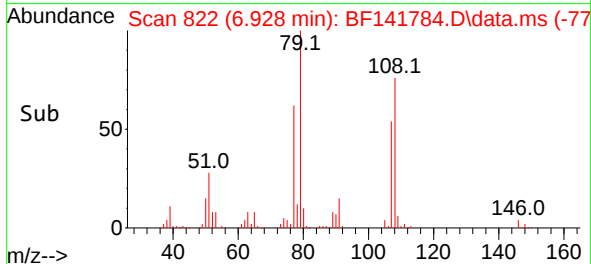
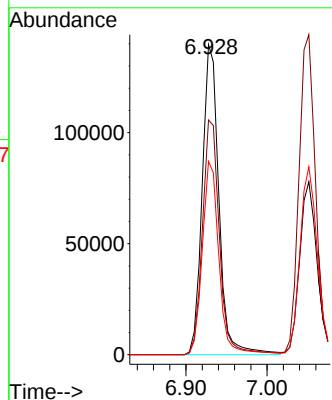
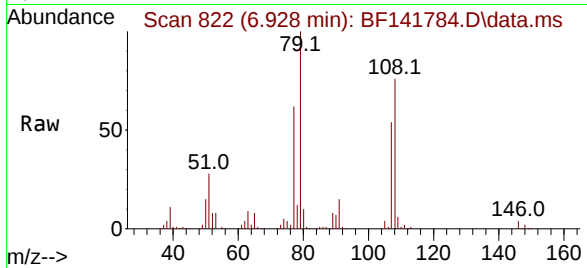




#15
Benzyl Alcohol
Concen: 40.491 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

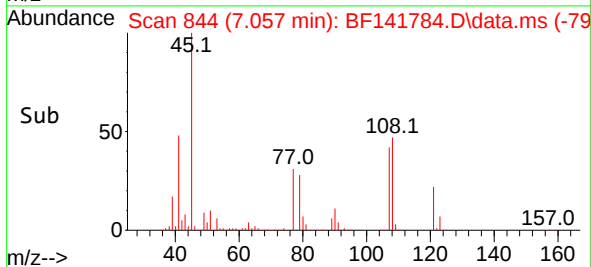
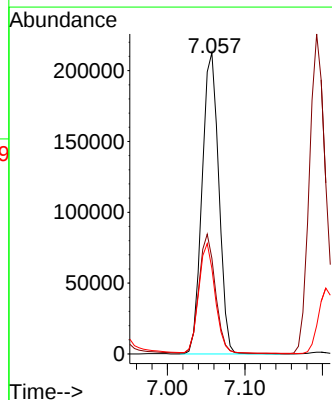
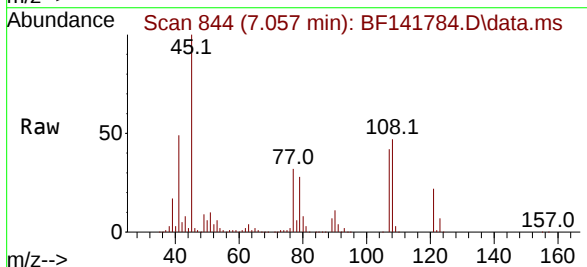
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

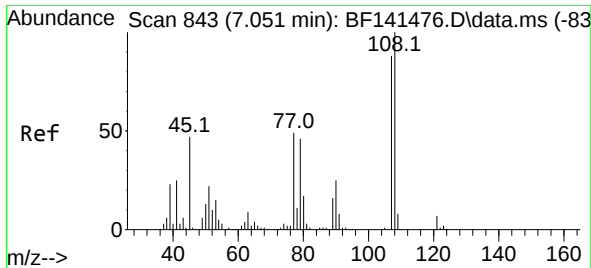
Tgt Ion: 79 Resp: 199900
Ion Ratio Lower Upper
79 100
108 75.7 57.4 86.2
77 62.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.981 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion: 45 Resp: 318601
Ion Ratio Lower Upper
45 100
77 31.8 0.0 35.8
79 28.4 0.0 32.7

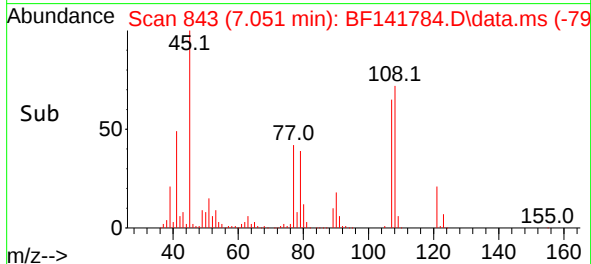
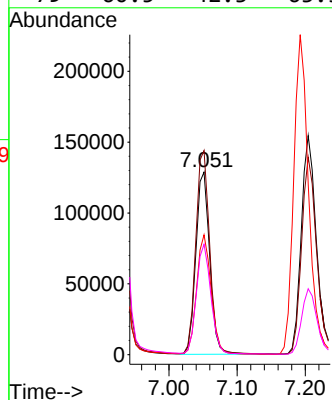
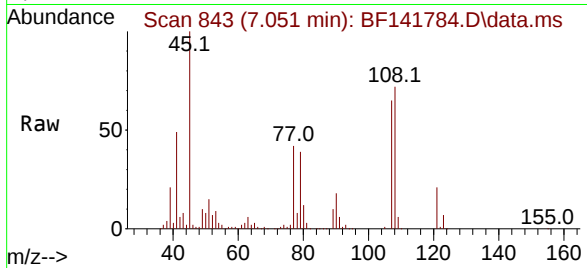




#17
2-Methylphenol
Concen: 42.306 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

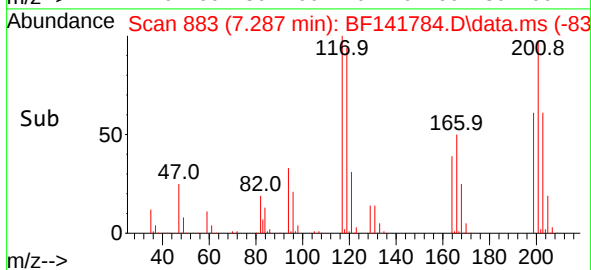
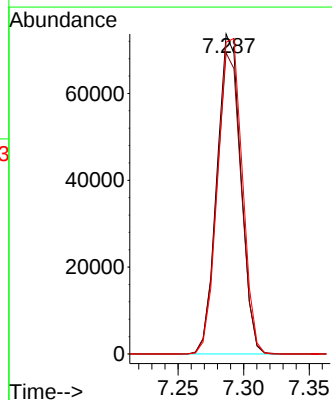
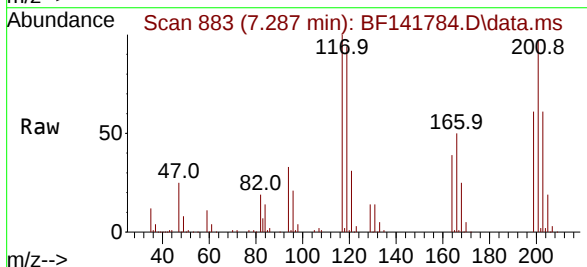
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

Tgt Ion:	107	Resp:	182215
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.6	136.0
77	65.7	44.4	66.6
79	60.5	42.3	63.5



#18
Hexachloroethane
Concen: 42.433 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

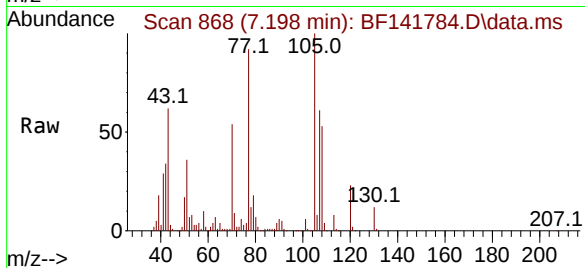
Tgt Ion:	117	Resp:	93229
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.5	114.7
201	97.5	76.7	115.1



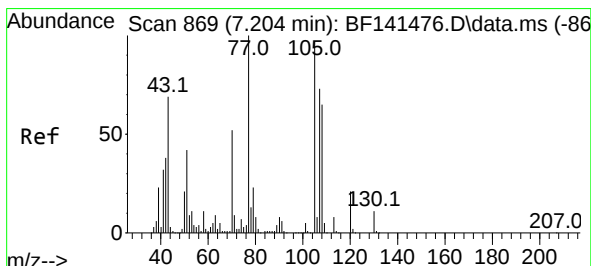
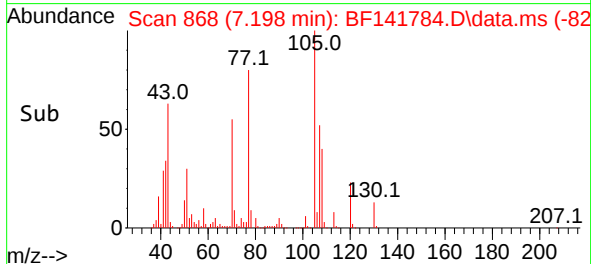
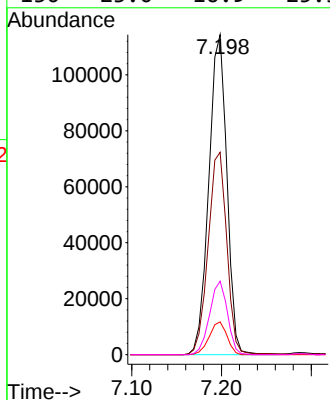


#19
n-Nitroso-di-n-propylamine
Concen: 41.543 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

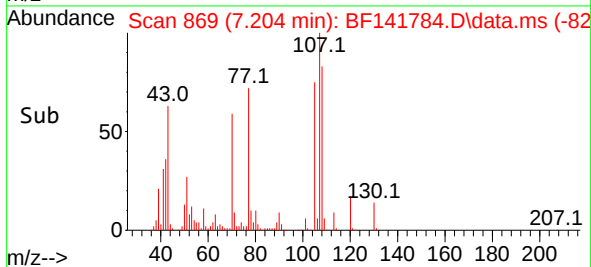
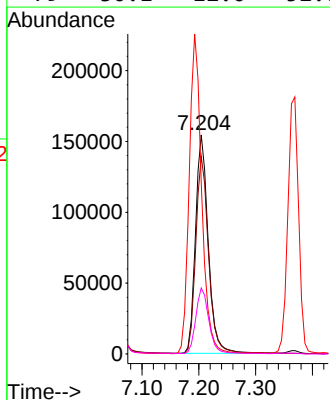
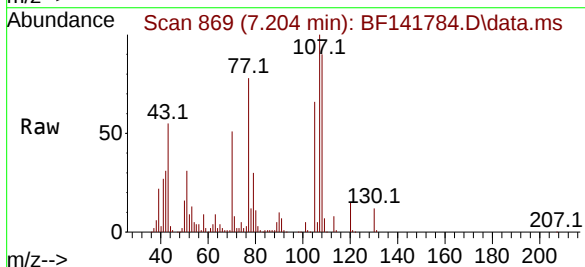


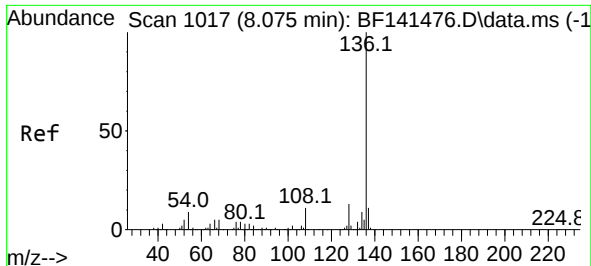
Tgt Ion:	70	Resp:	159978
Ion	Ratio	Lower	Upper
70	100		
42	63.3	57.4	86.2
101	10.3	8.0	12.0
130	23.0	16.9	25.3



#20
3+4-Methylphenols
Concen: 44.194 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:	107	Resp:	241904
Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.5	108.5
77	78.1	116.5	156.5#
79	30.1	12.0	52.0

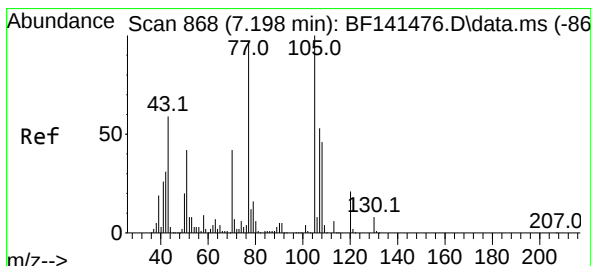
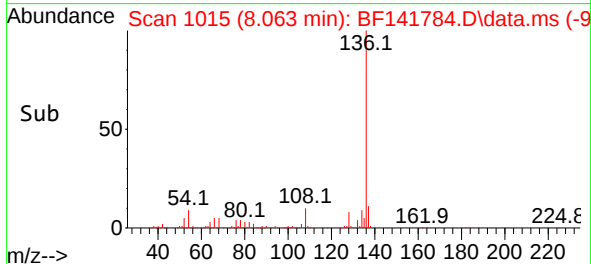
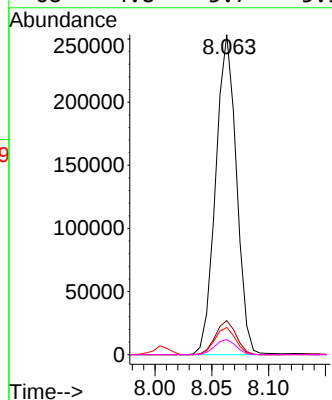
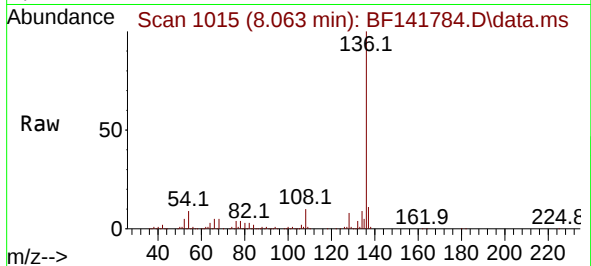




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

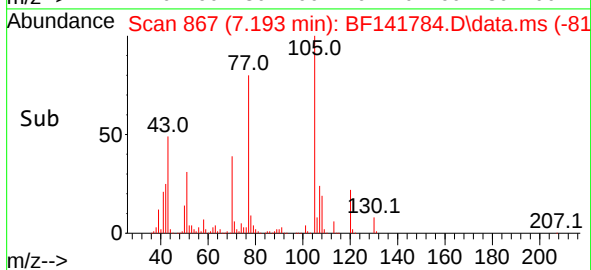
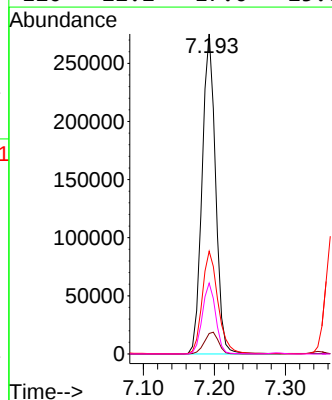
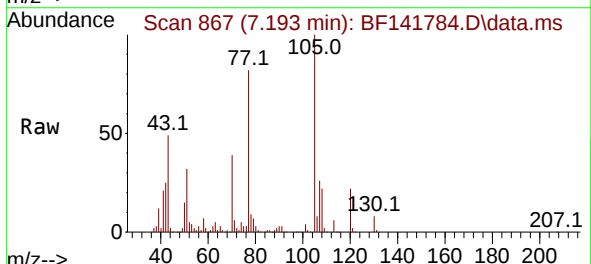
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

Tgt Ion:	136	Resp:	322962
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	8.5	7.2	10.8
68	4.8	3.7	5.5



#22
Acetophenone
Concen: 45.320 ng
RT: 7.193 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:	105	Resp:	364098
Ion Ratio	Lower	Upper	
105	100		
71	6.4	5.7	8.5
51	32.1	33.7	50.5
120	22.2	17.0	25.6





#23

Nitrobenzene-d5

Concen: 58.146 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

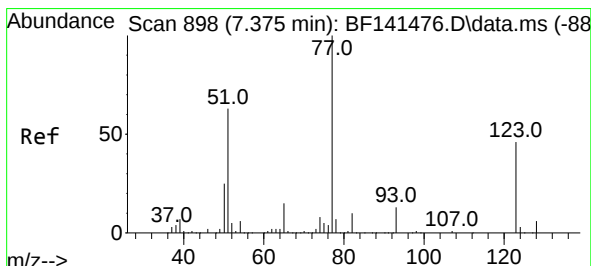
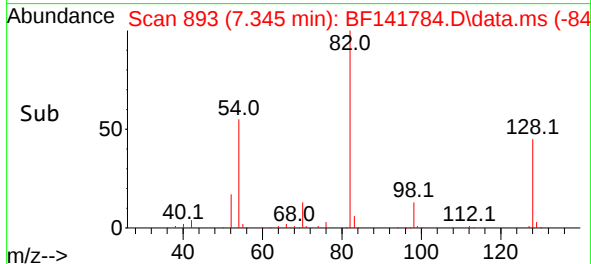
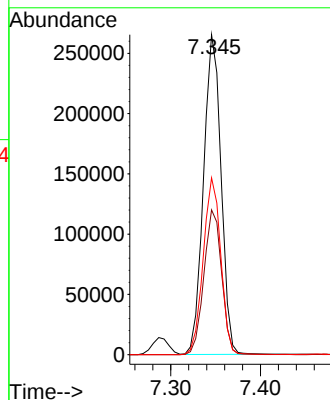
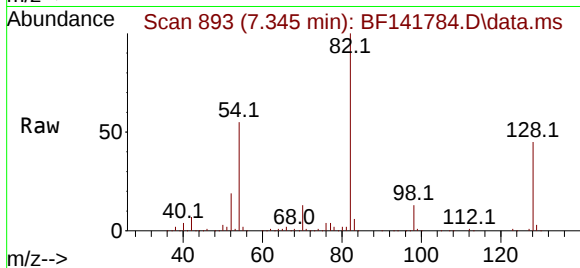
Tgt Ion: 82 Resp: 360039

Ion Ratio Lower Upper

82 100

128 45.2 34.8 52.2

54 55.2 48.2 72.4



#24

Nitrobenzene

Concen: 39.493 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

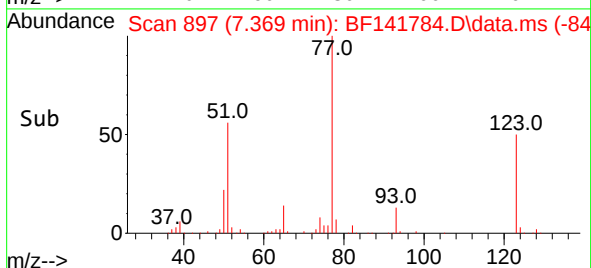
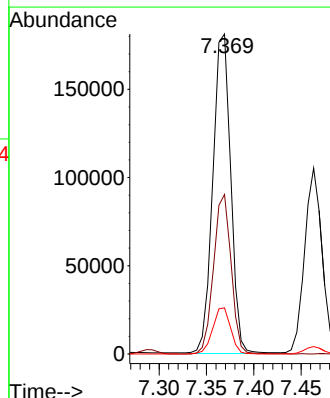
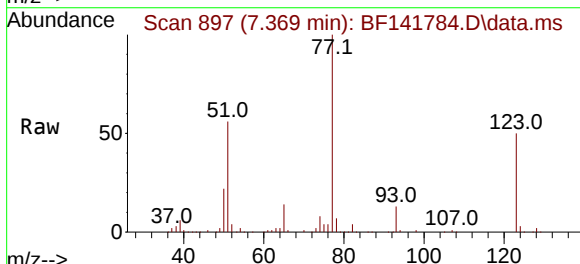
Tgt Ion: 77 Resp: 238455

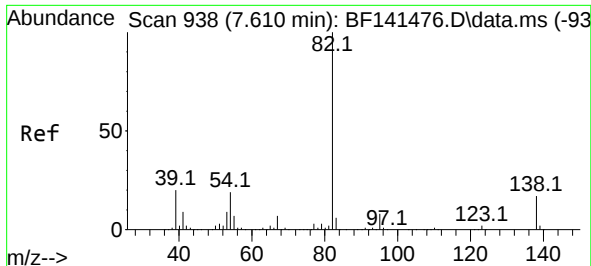
Ion Ratio Lower Upper

77 100

123 49.9 36.9 55.3

65 14.4 11.9 17.9

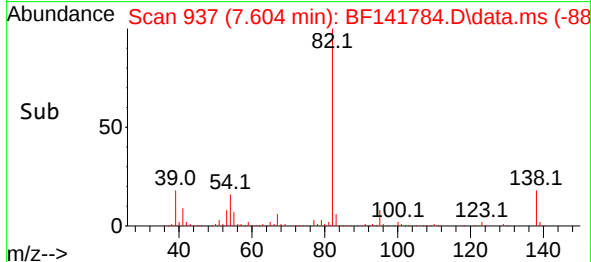
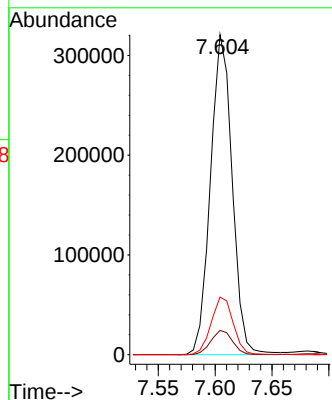
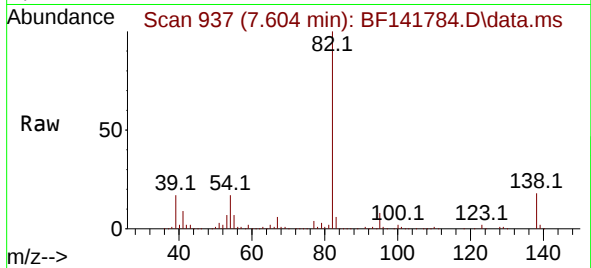




#25
Isophorone
Concen: 43.198 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

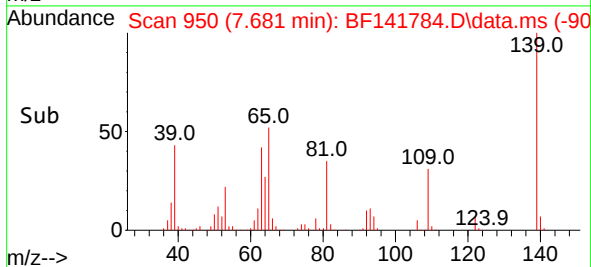
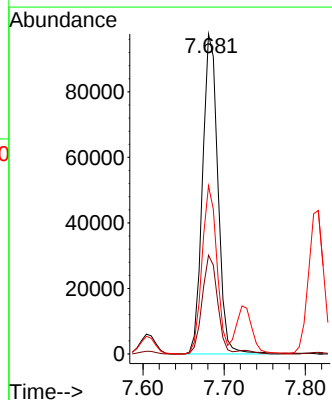
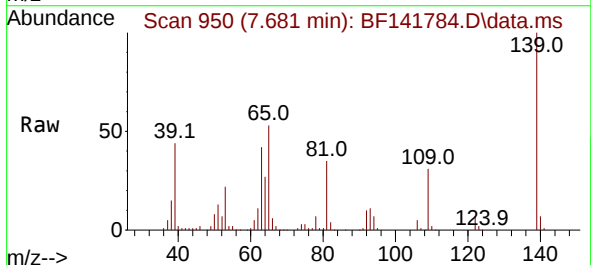
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

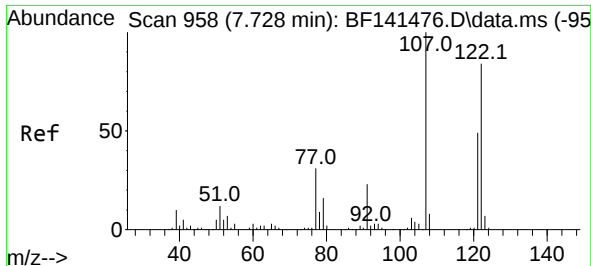
Tgt Ion: 82 Resp: 426486
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.0 13.9 20.9



#26
2-Nitrophenol
Concen: 42.658 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:139 Resp: 128143
Ion Ratio Lower Upper
139 100
109 30.8 27.0 40.6
65 52.6 47.1 70.7

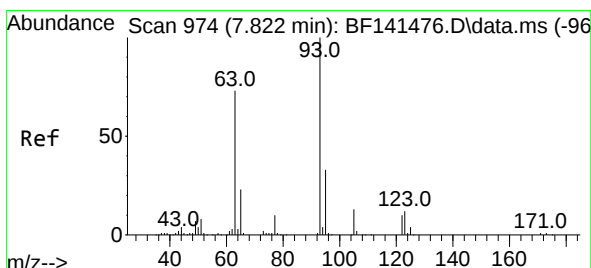
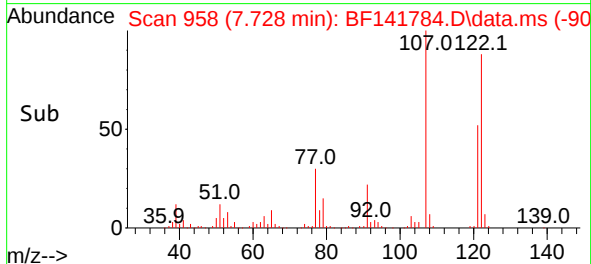
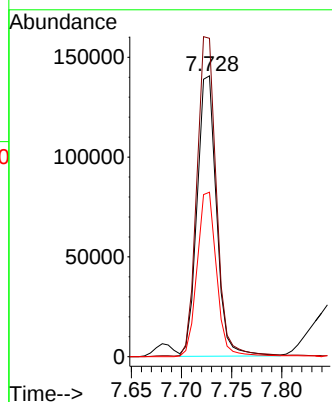
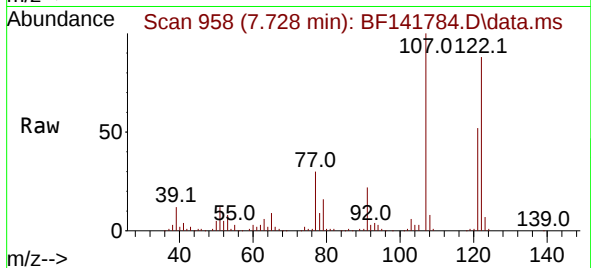




#27
2,4-Dimethylphenol
Concen: 54.086 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

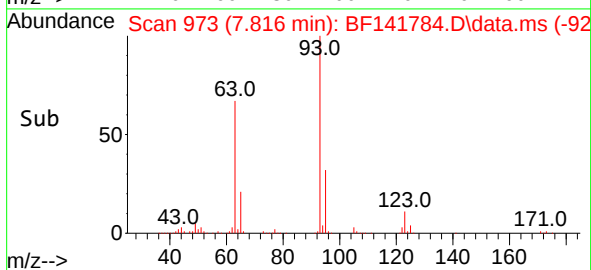
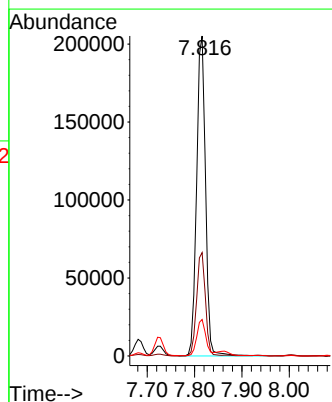
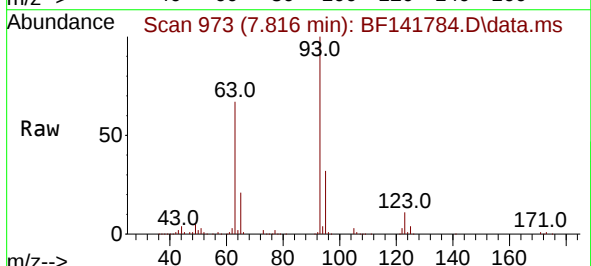
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

Tgt Ion:122 Resp: 189805
Ion Ratio Lower Upper
122 100
107 113.4 94.3 141.5
121 58.6 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.540 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion: 93 Resp: 269122
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.170 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

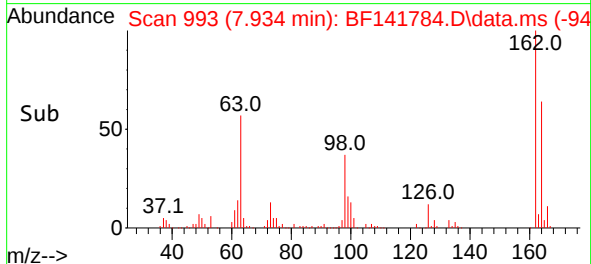
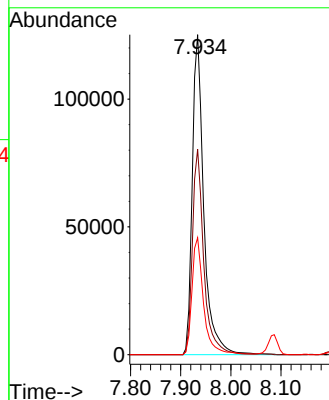
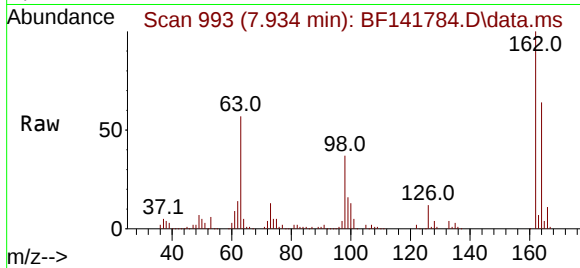
Tgt Ion:162 Resp: 199953

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

98 36.6 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 41.361 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

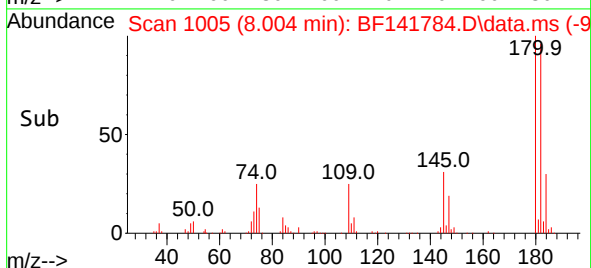
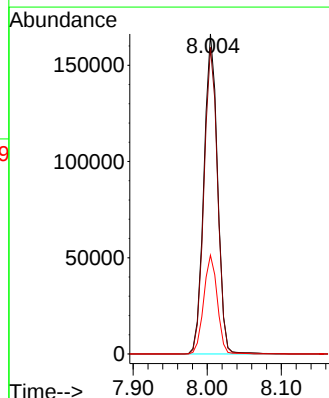
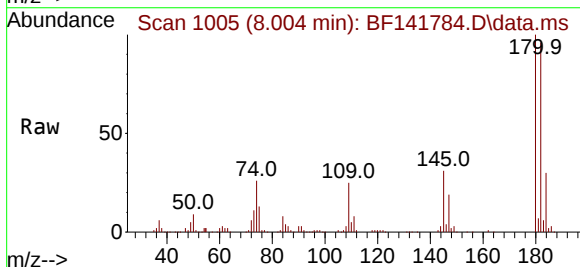
Tgt Ion:180 Resp: 213563

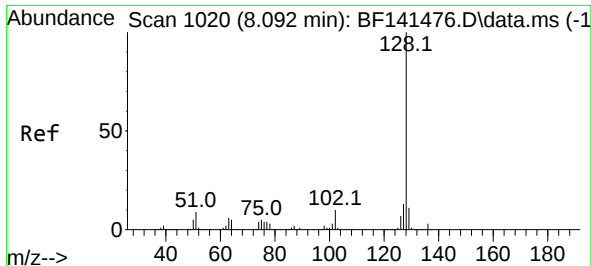
Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

145 30.9 24.2 36.4

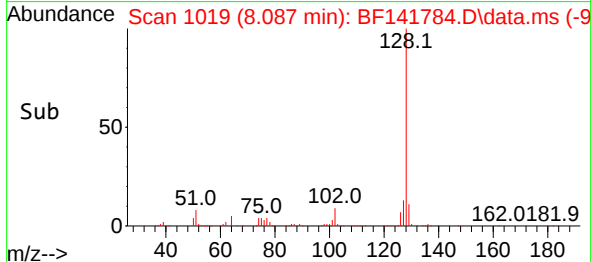
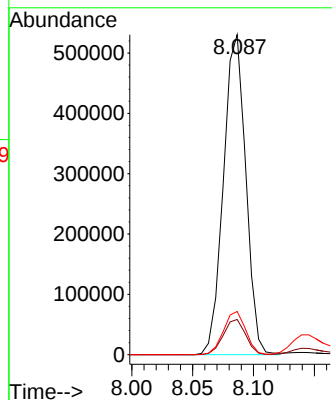
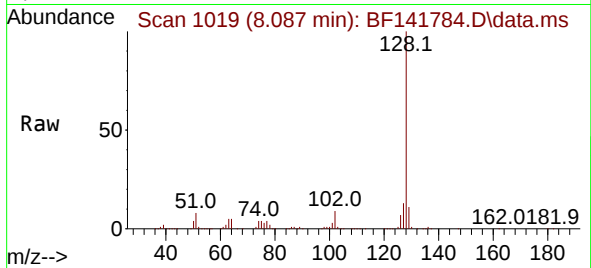




#31
Naphthalene
Concen: 40.391 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

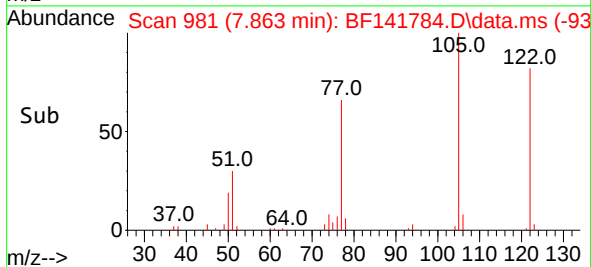
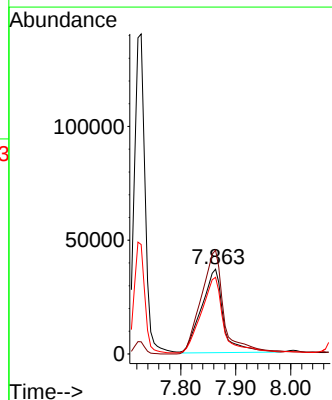
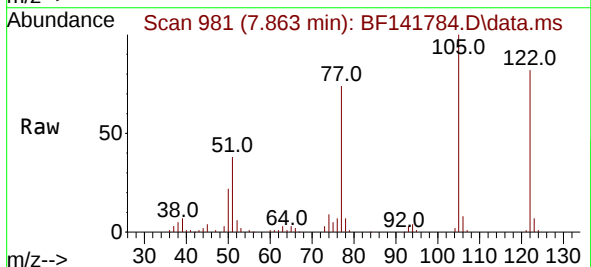
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

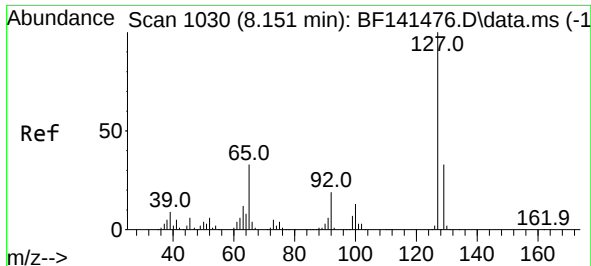
Tgt Ion:128 Resp: 679030
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 27.981 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:122 Resp: 101995
Ion Ratio Lower Upper
122 100
105 122.5 106.5 146.5
77 90.5 76.3 116.3

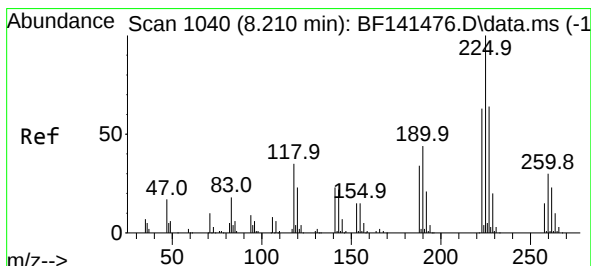
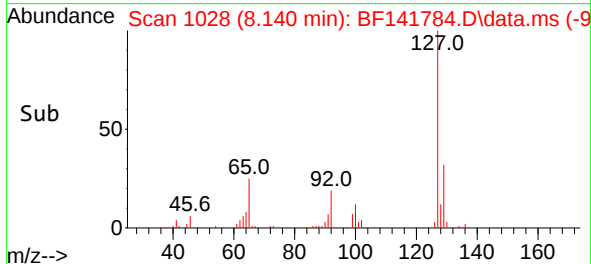
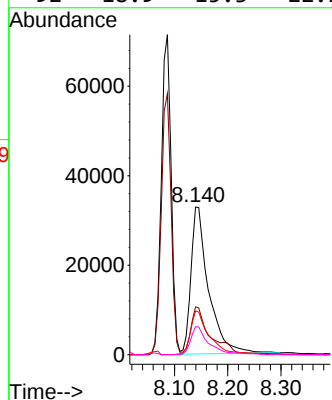
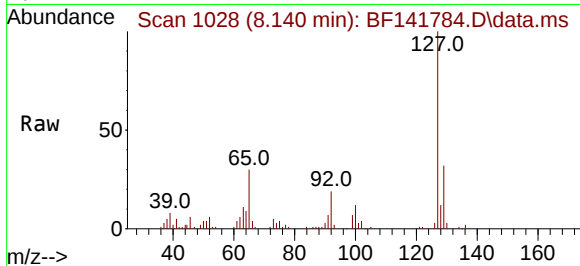




#33
4-Chloroaniline
Concen: 12.896 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

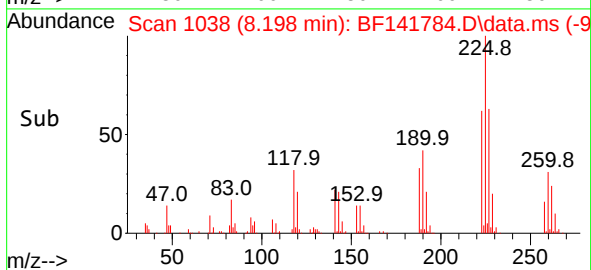
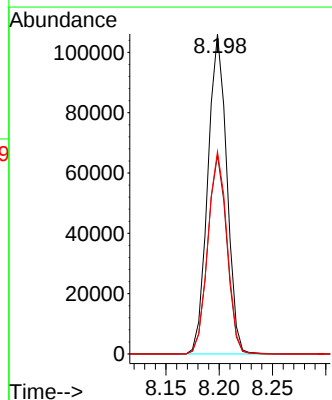
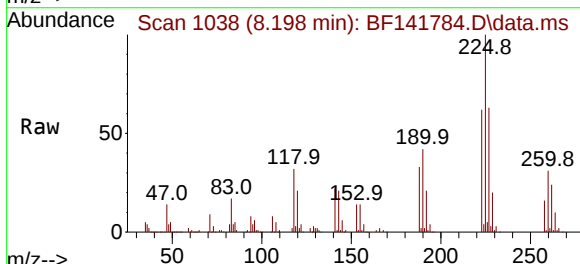
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

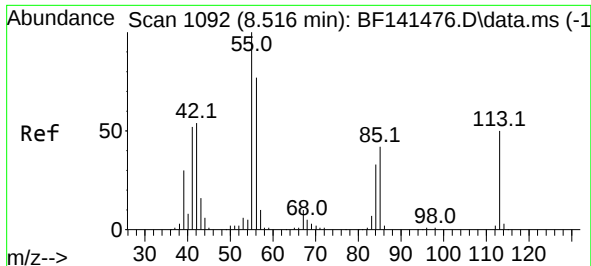
Tgt Ion:	127	Resp:	75693
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.5	39.7
65	29.6	26.4	39.6
92	18.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.417 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:	225	Resp:	131485
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.1	75.1
227	63.3	51.0	76.6

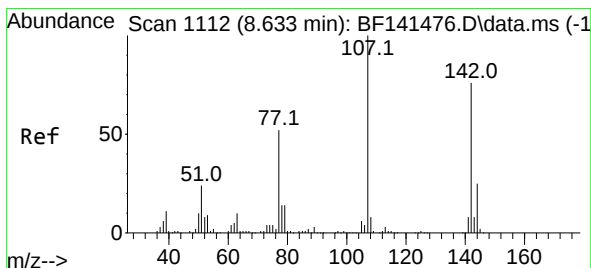
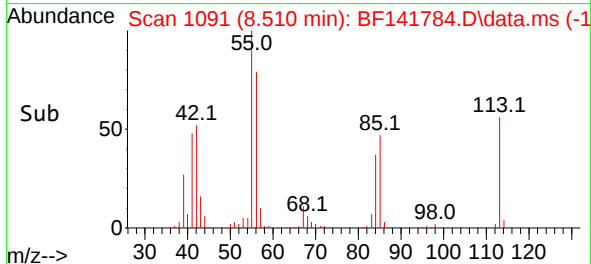
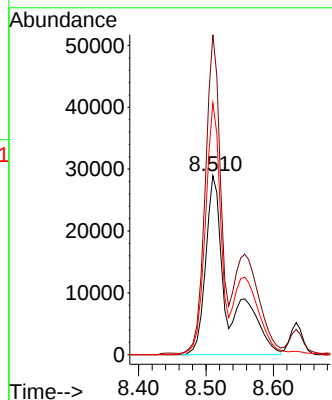
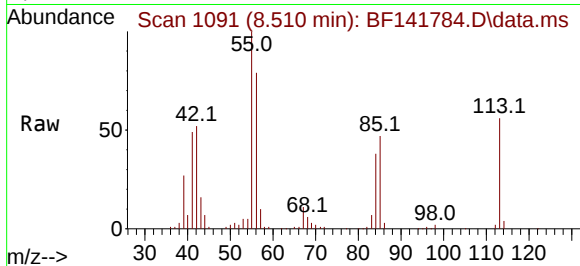




#35
Caprolactam
Concen: 47.344 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.035 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

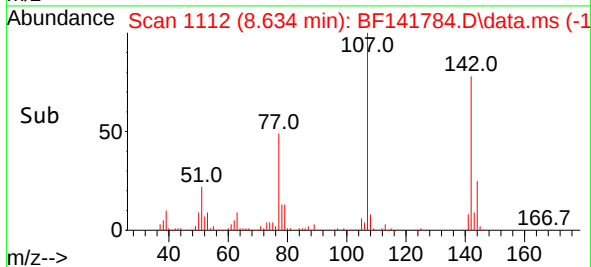
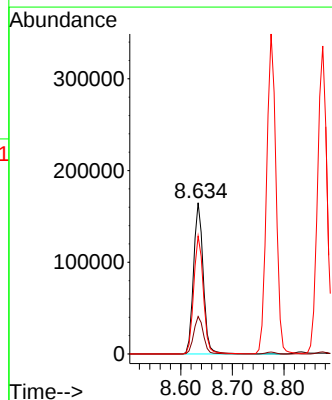
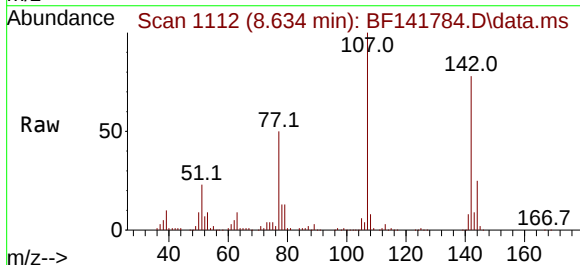
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

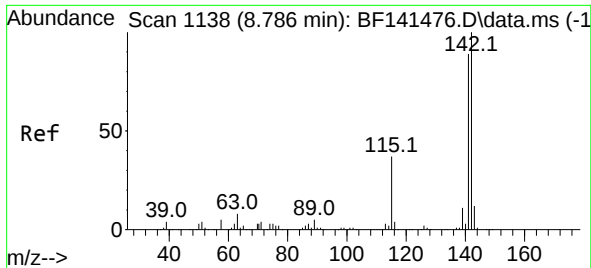
Tgt Ion:113 Resp: 68349
Ion Ratio Lower Upper
113 100
55 178.7 180.8 220.8#
56 140.5 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 40.906 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:107 Resp: 214849
Ion Ratio Lower Upper
107 100
144 24.8 19.7 29.5
142 78.0 60.8 91.2

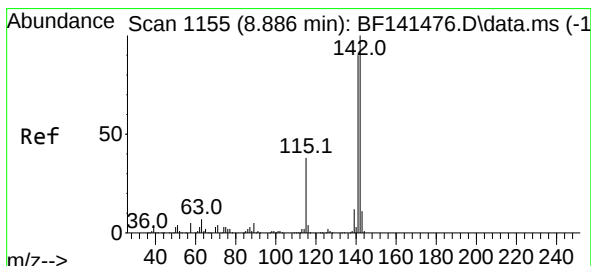
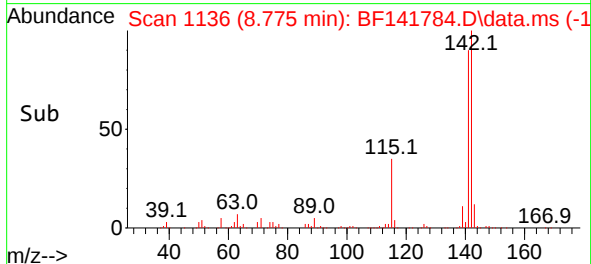
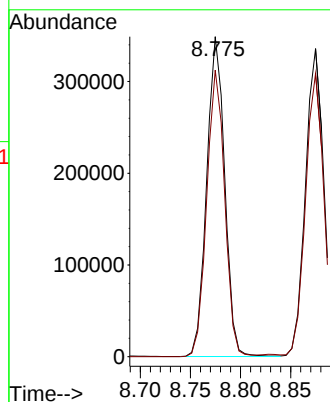
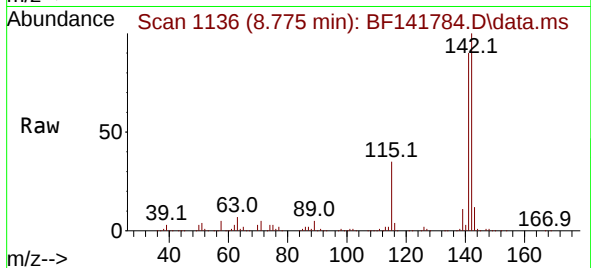




#37
2-Methylnaphthalene
Concen: 39.977 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

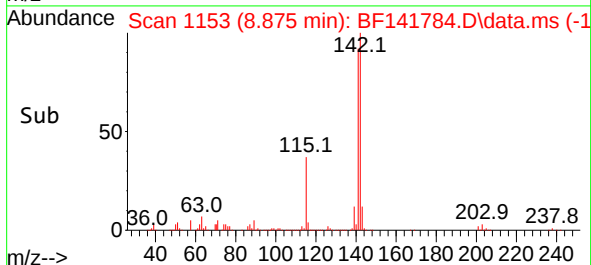
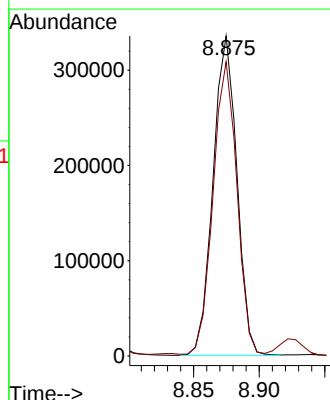
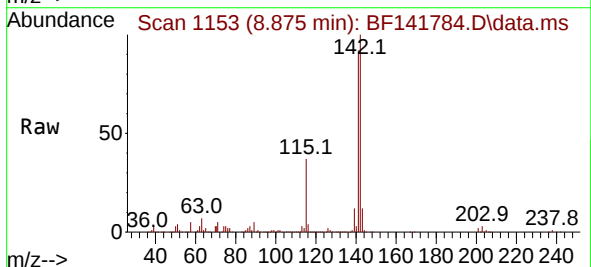
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

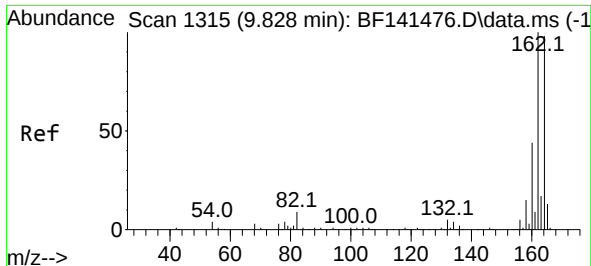
Tgt Ion:142 Resp: 437338
Ion Ratio Lower Upper
142 100
141 89.5 71.2 106.8



#38
1-Methylnaphthalene
Concen: 39.983 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:142 Resp: 423635
Ion Ratio Lower Upper
142 100
141 91.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1113

Delta R.T. -0.017 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

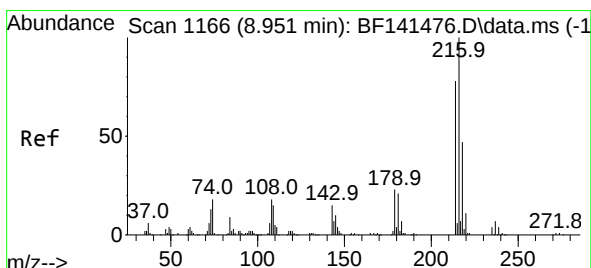
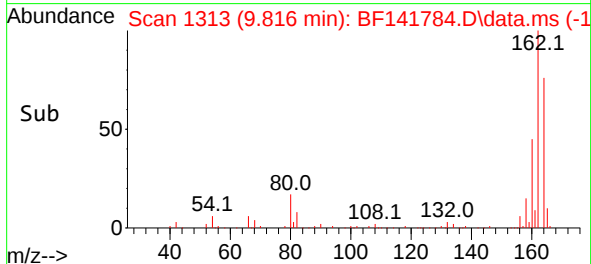
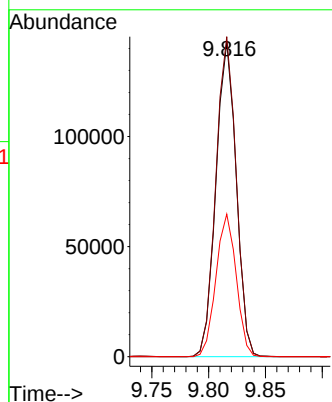
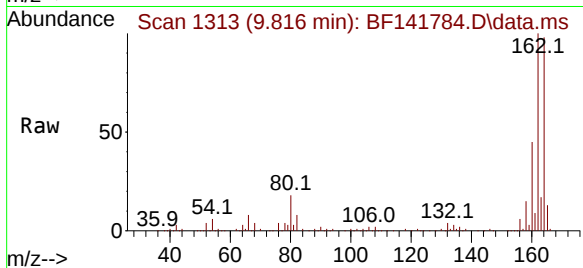
Tgt Ion:164 Resp: 177311

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 45.4 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.527 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Tgt Ion:216 Resp: 238674

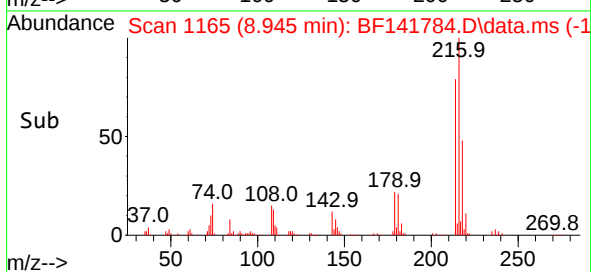
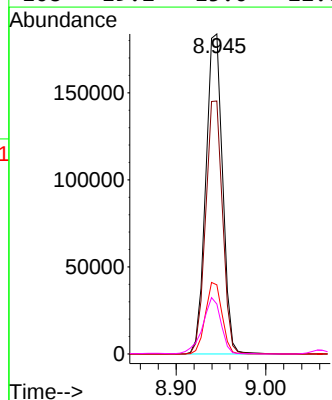
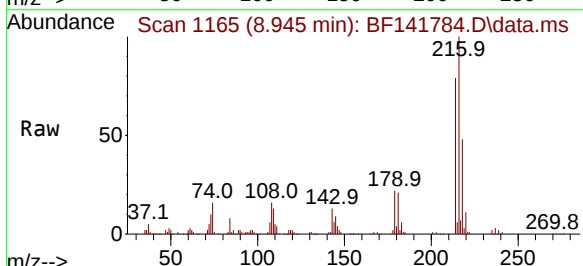
Ion Ratio Lower Upper

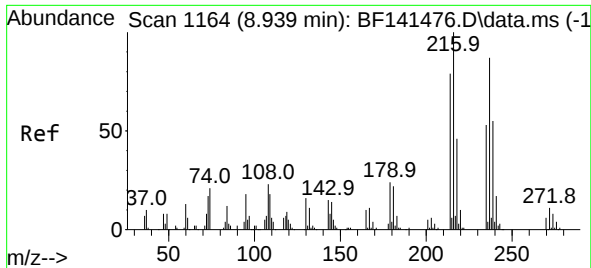
216 100

214 79.4 62.3 93.5

179 22.1 18.0 27.0

108 19.2 15.0 22.6

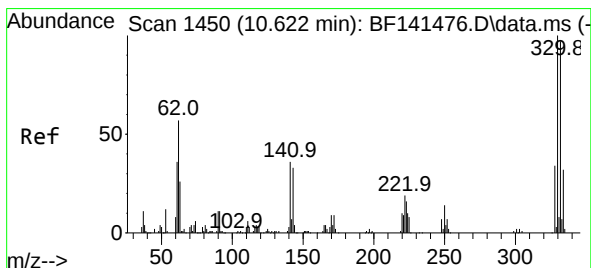
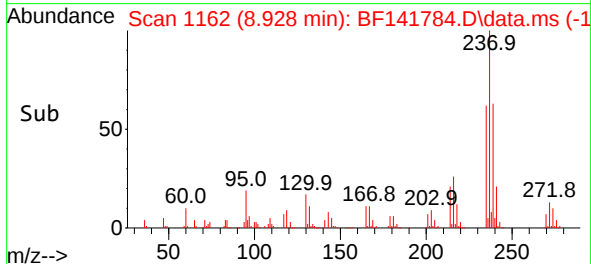
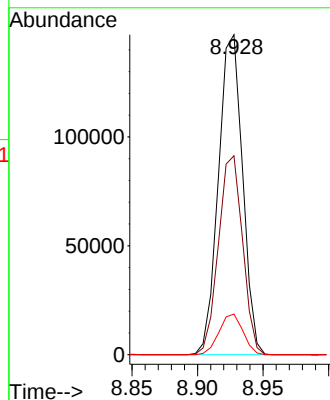
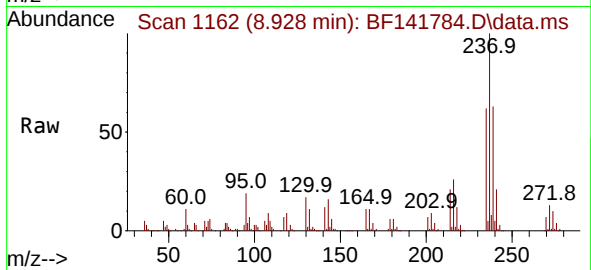




#41
Hexachlorocyclopentadiene
Concen: 110.109 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

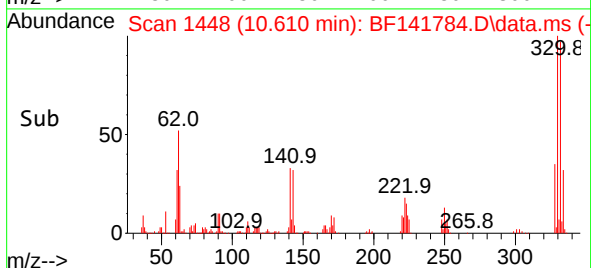
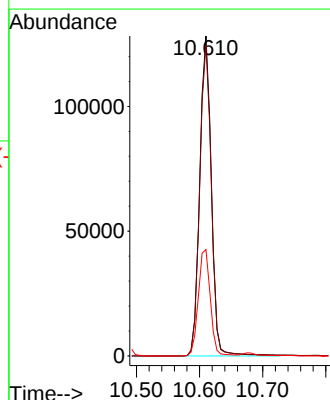
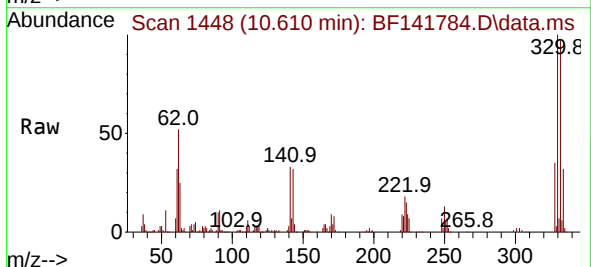
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

Tgt Ion:237 Resp: 187870
Ion Ratio Lower Upper
237 100
235 62.2 41.4 81.4
272 12.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 92.044 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:330 Resp: 163946
Ion Ratio Lower Upper
330 100
332 97.6 78.5 117.7
141 34.3 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 41.440 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

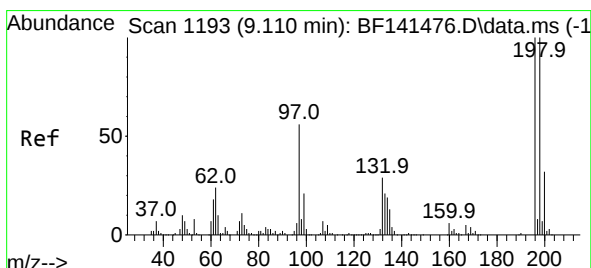
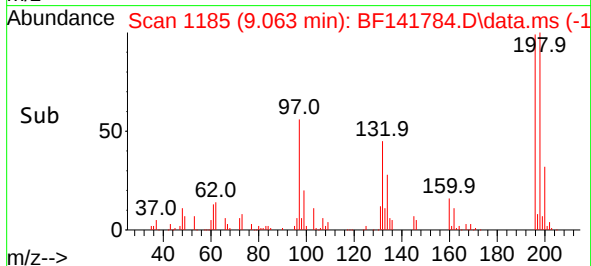
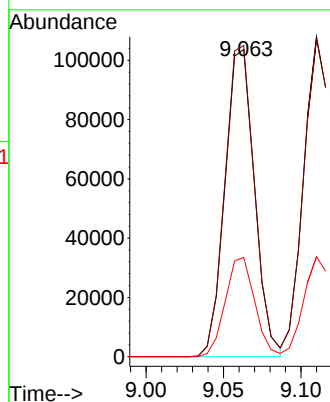
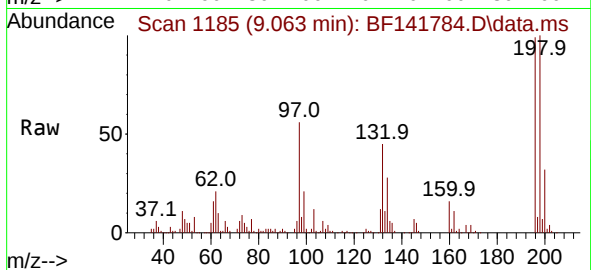
Tgt Ion:196 Resp: 137394

Ion Ratio Lower Upper

196 100

198 101.3 80.6 121.0

200 32.3 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 41.612 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Tgt Ion:196 Resp: 149521

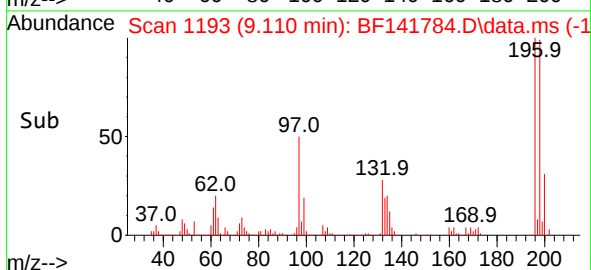
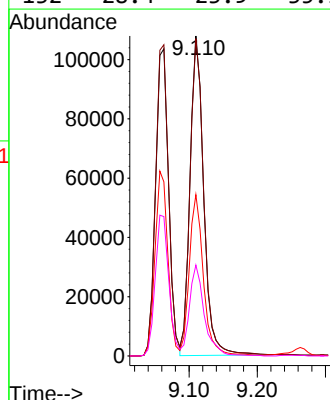
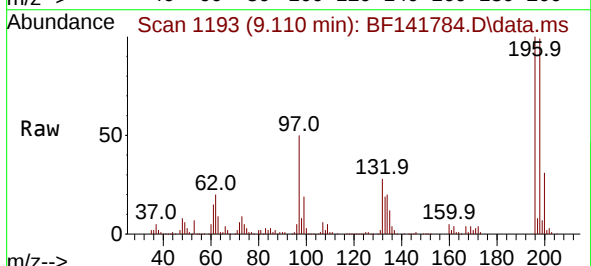
Ion Ratio Lower Upper

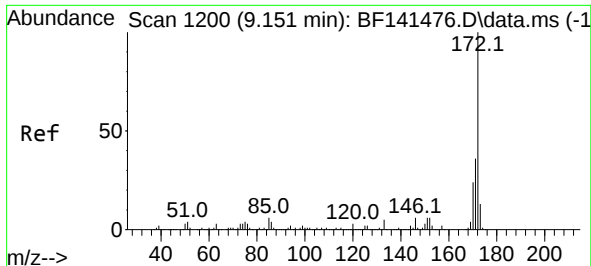
196 100

198 99.2 79.8 119.8

97 50.4 44.8 67.2

132 28.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 59.609 ng

RT: 9.134 min Scan# 1117

Delta R.T. -0.017 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

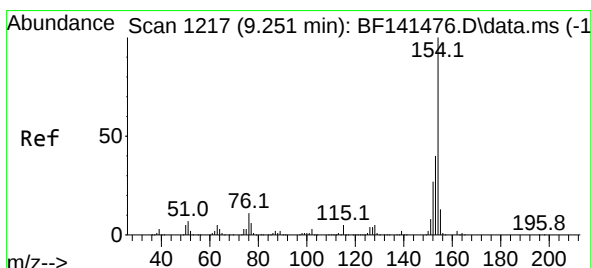
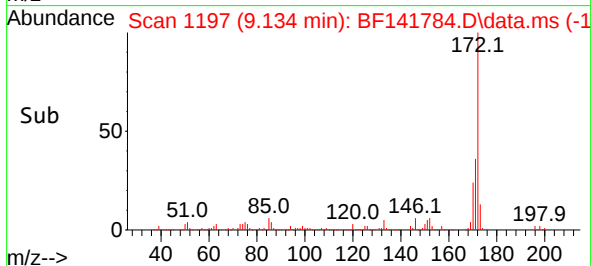
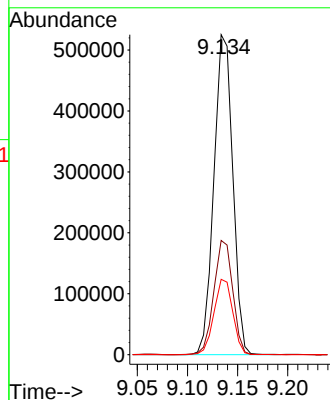
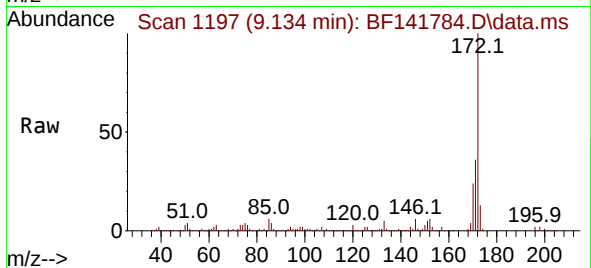
Tgt Ion:172 Resp: 686035

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 46.531 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.017 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

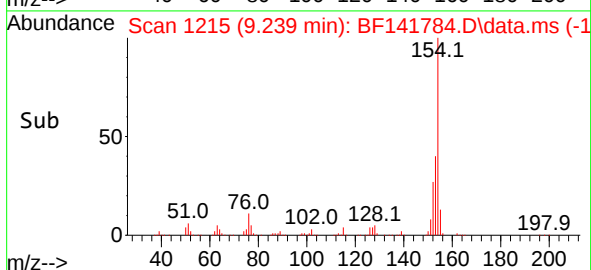
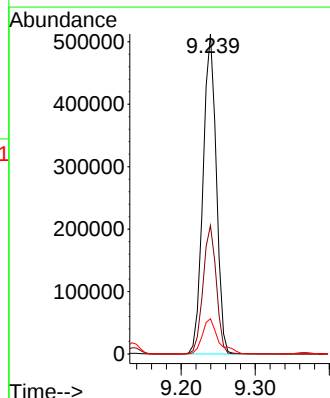
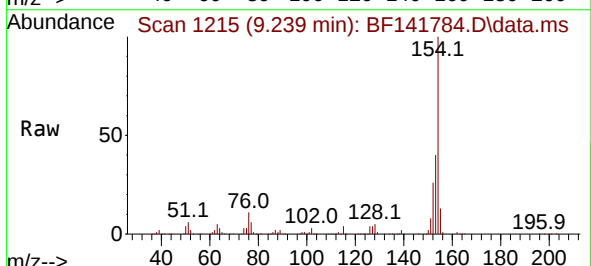
Tgt Ion:154 Resp: 639642

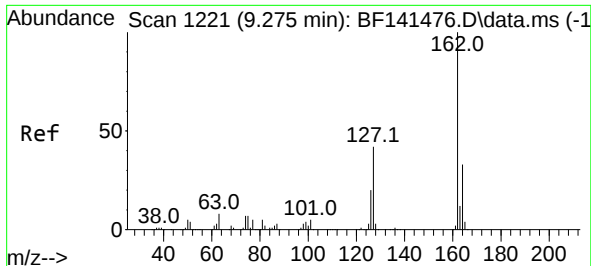
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 11.0 0.0 30.8

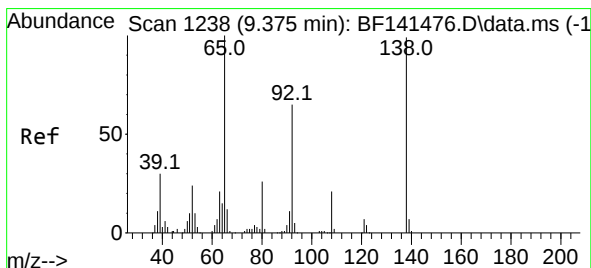
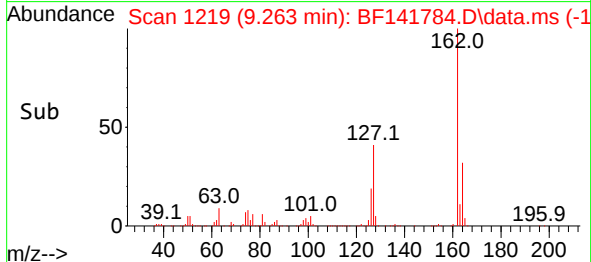
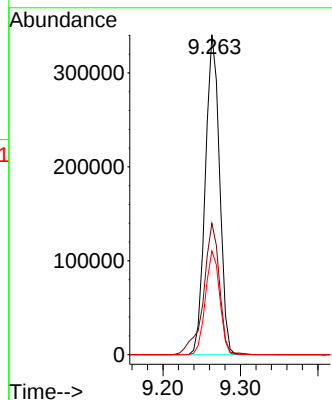
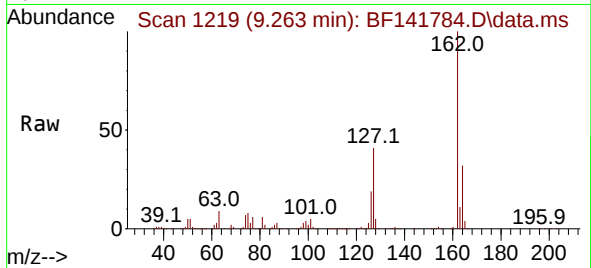




#47
2-Chloronaphthalene
Concen: 42.733 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

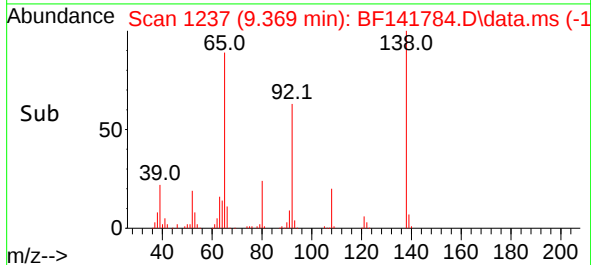
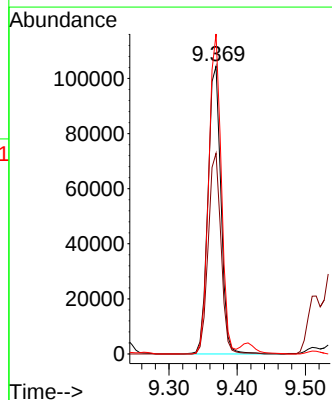
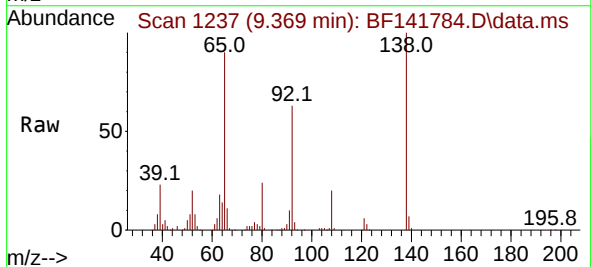
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

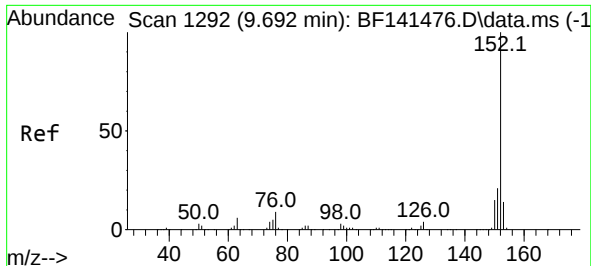
Tgt Ion:162 Resp: 434391
Ion Ratio Lower Upper
162 100
127 41.0 34.1 51.1
164 32.4 26.3 39.5



#48
2-Nitroaniline
Concen: 40.650 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion: 65 Resp: 138675
Ion Ratio Lower Upper
65 100
92 69.7 52.2 78.2
138 111.2 79.5 119.3





#49

Acenaphthylene

Concen: 44.069 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

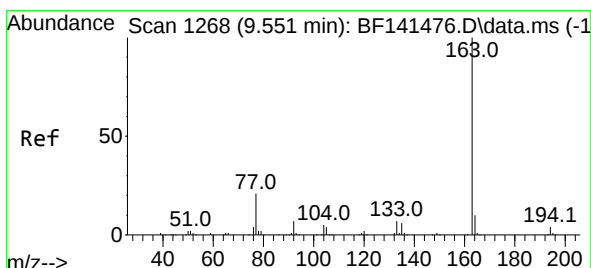
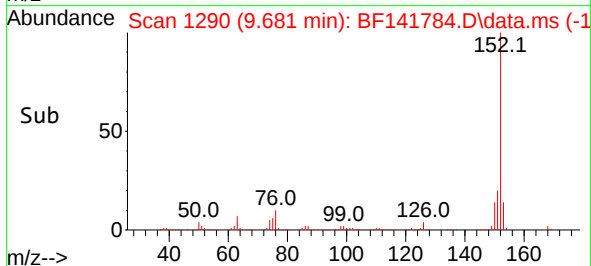
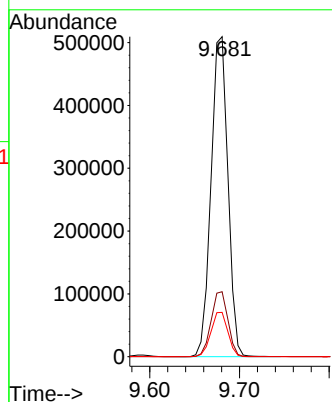
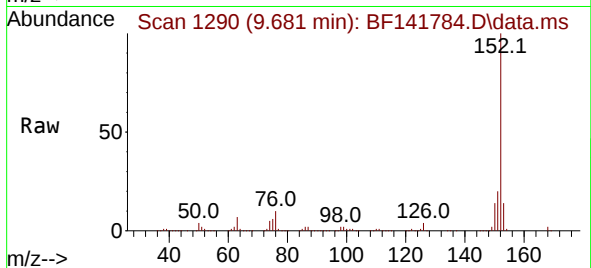
Tgt Ion:152 Resp: 666305

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.9 10.9 16.3



#50

Dimethylphthalate

Concen: 42.781 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

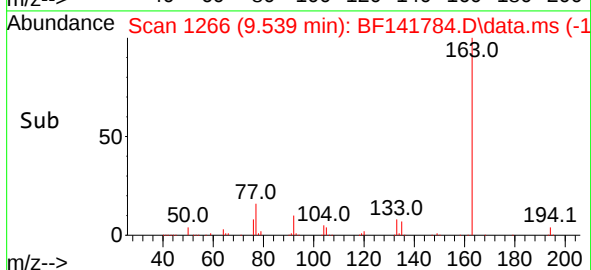
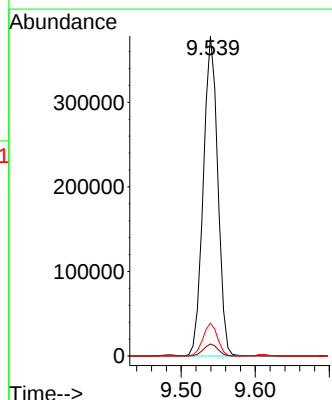
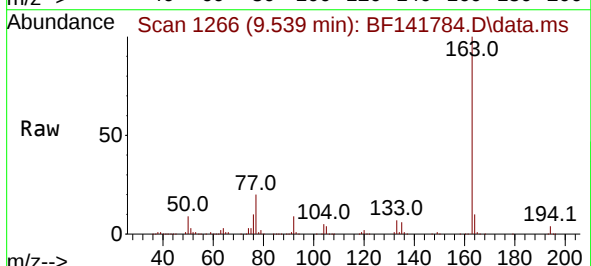
Tgt Ion:163 Resp: 514964

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.3 7.9 11.9

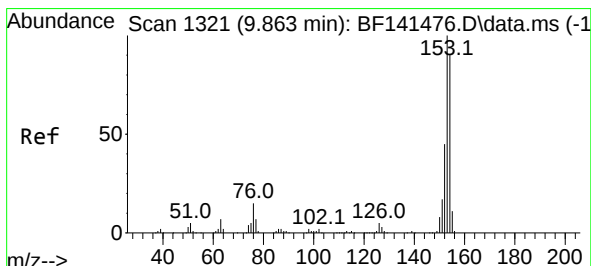
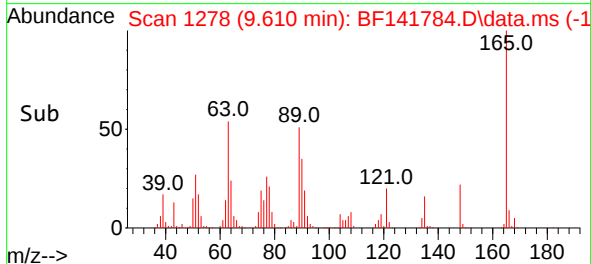
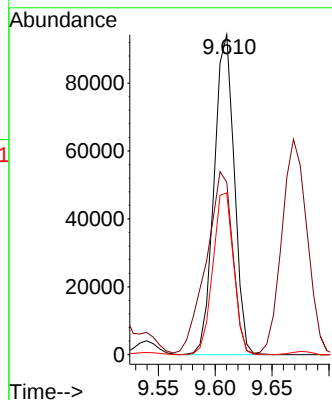
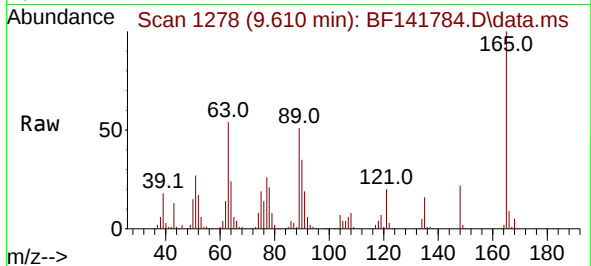




#51
2,6-Dinitrotoluene
Concen: 44.243 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

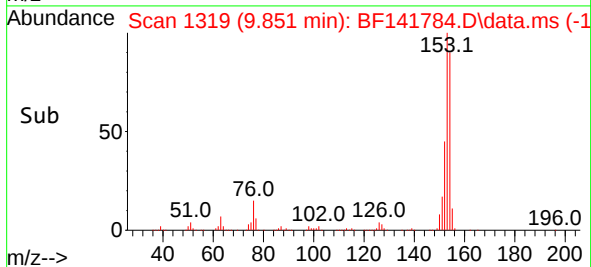
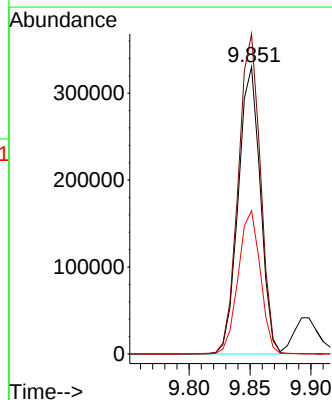
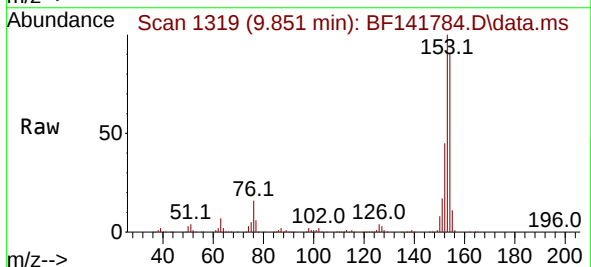
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

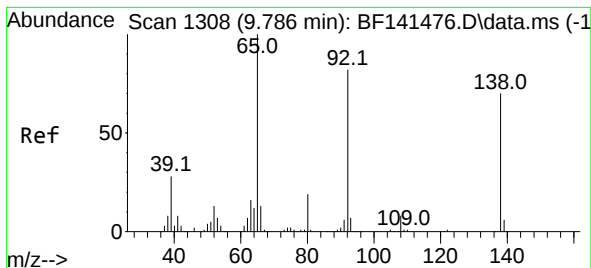
Tgt Ion:165 Resp: 116422
Ion Ratio Lower Upper
165 100
63 53.9 49.4 74.0
89 50.5 46.5 69.7



#52
Acenaphthene
Concen: 40.964 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:154 Resp: 416385
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 50.0 39.8 59.8





#53

3-Nitroaniline

Concen: 25.019 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

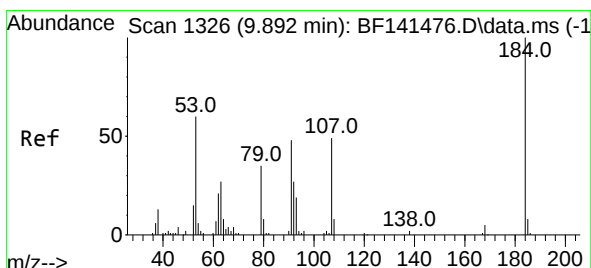
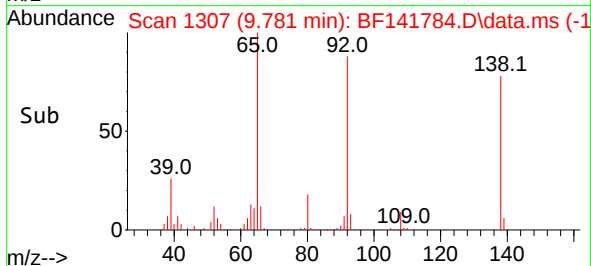
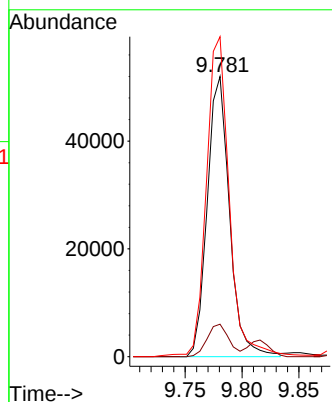
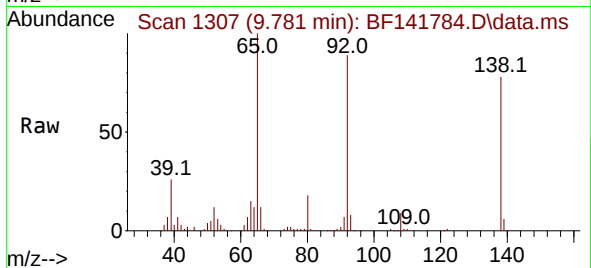
Tgt Ion:138 Resp: 70858

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

92 114.2 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 63.676 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

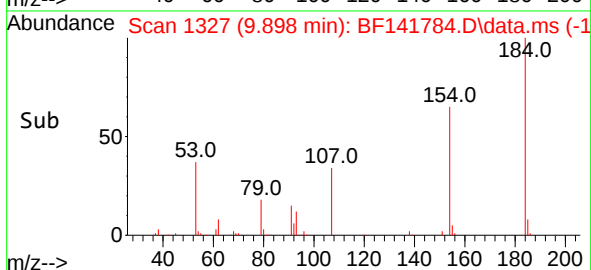
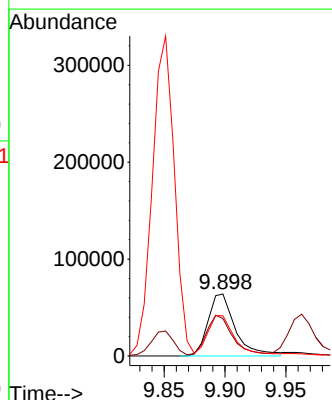
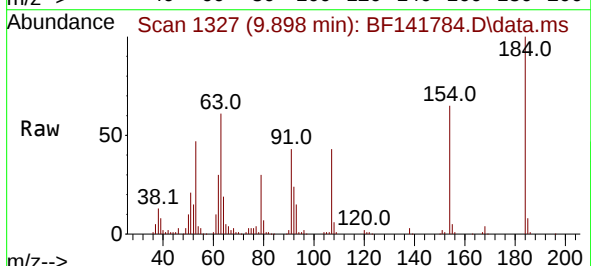
Tgt Ion:184 Resp: 99584

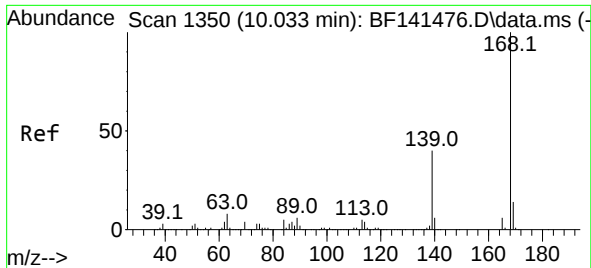
Ion Ratio Lower Upper

184 100

63 60.6 61.0 91.6#

154 65.0 59.9 89.9

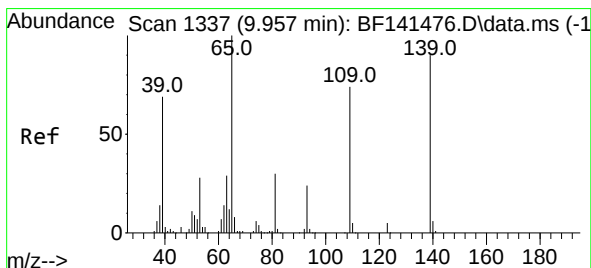
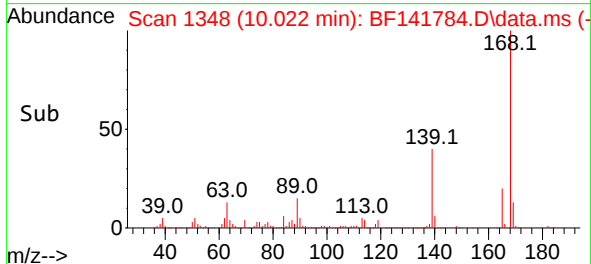
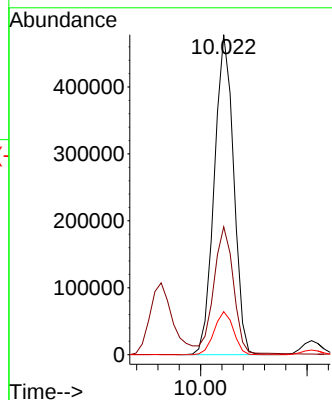
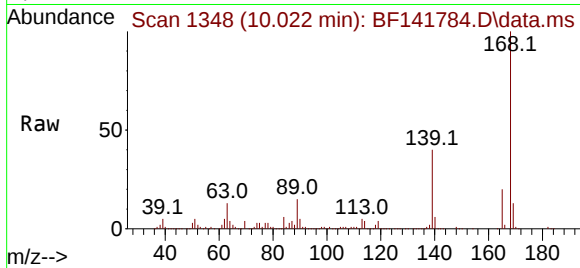




#55
Dibenzenofuran
Concen: 40.333 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

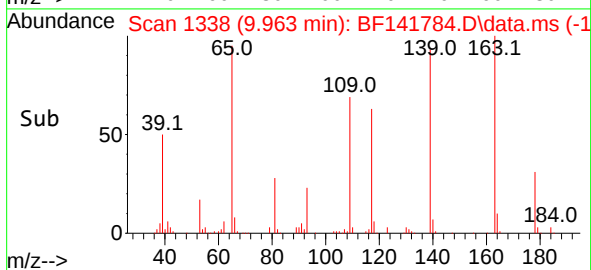
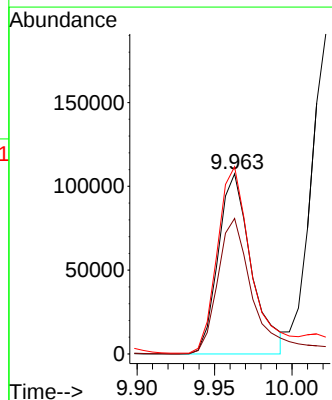
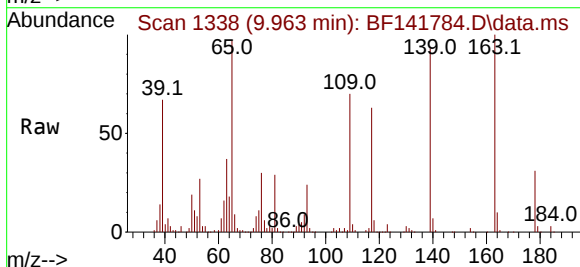
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

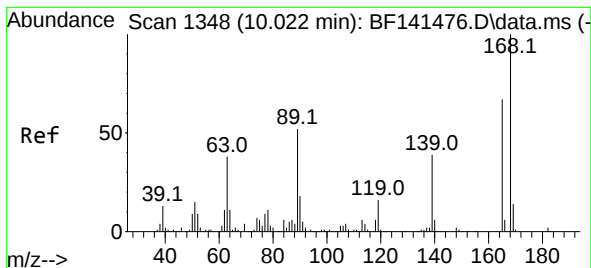
Tgt Ion:168 Resp: 601769
Ion Ratio Lower Upper
168 100
139 39.9 32.7 49.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 76.071 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:139 Resp: 159933
Ion Ratio Lower Upper
139 100
109 75.2 62.0 102.0
65 104.0 91.2 131.2

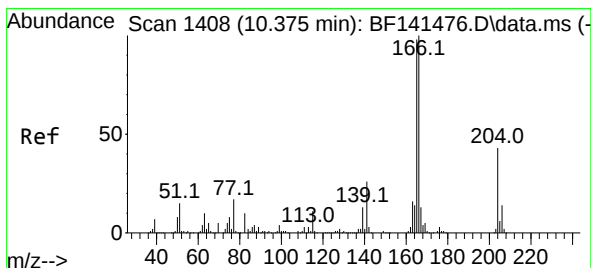
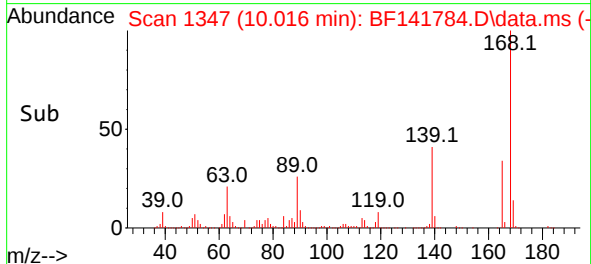
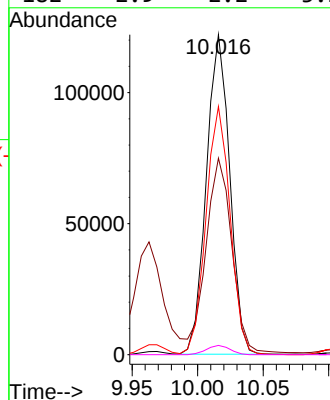
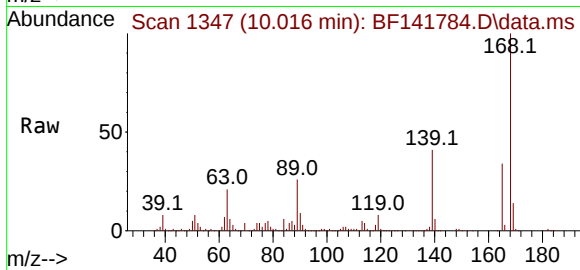




#57
2,4-Dinitrotoluene
Concen: 43.150 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

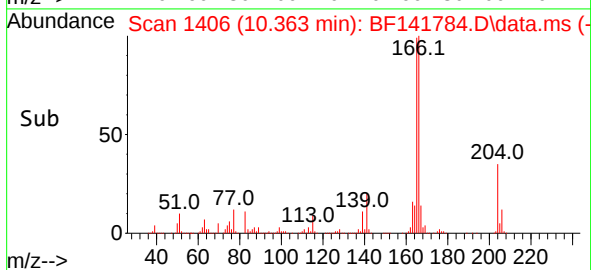
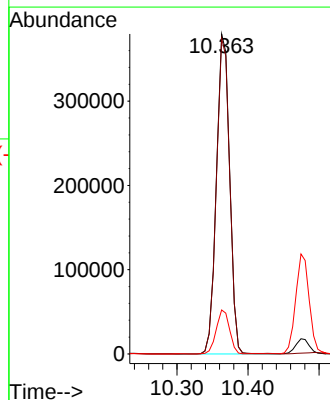
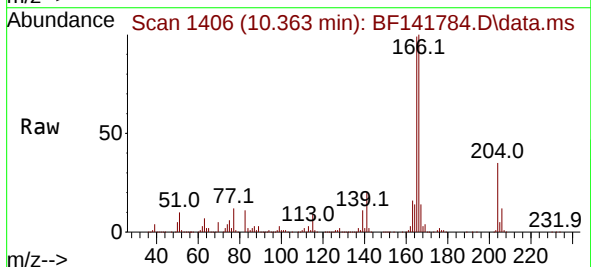
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

Tgt Ion:165 Resp: 151157
Ion Ratio Lower Upper
165 100
63 61.4 46.4 69.6
89 77.6 61.8 92.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 42.466 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:166 Resp: 489898
Ion Ratio Lower Upper
166 100
165 98.6 78.2 117.2
167 13.8 10.7 16.1

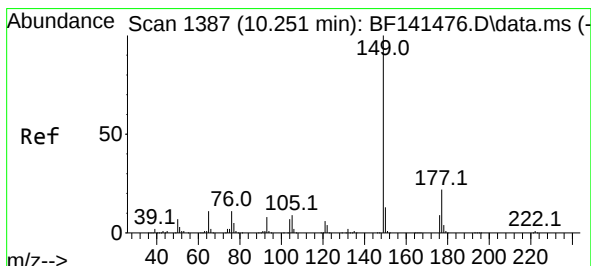
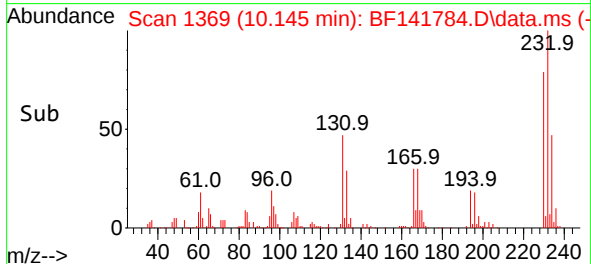
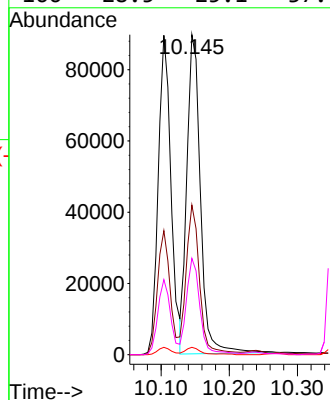
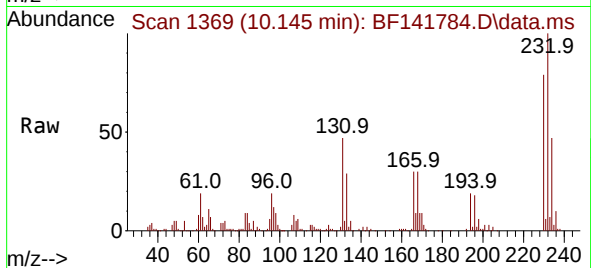




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.843 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

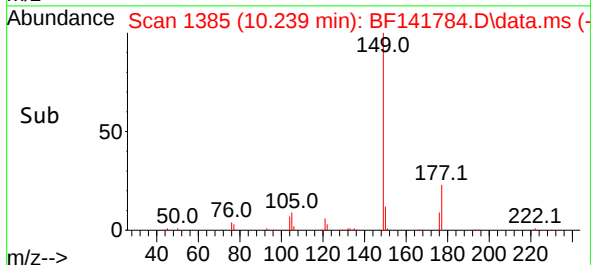
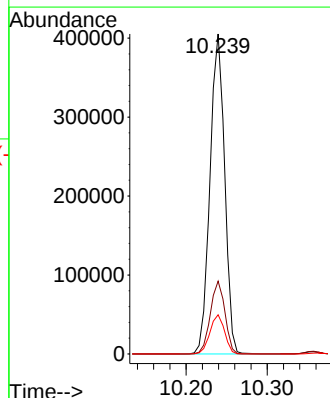
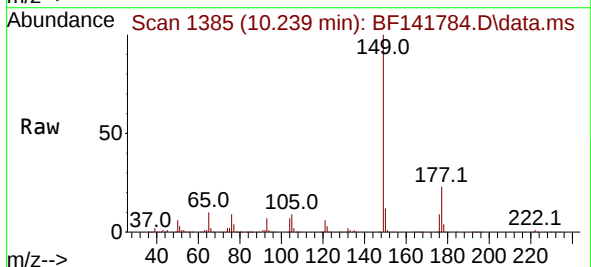
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

Tgt Ion:232 Resp: 123256
Ion Ratio Lower Upper
232 100
131 45.2 39.2 58.8
130 2.1 2.1 3.1#
166 28.5 25.1 37.7



#60
Diethylphthalate
Concen: 42.869 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:149 Resp: 507703
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.3 10.1 15.1

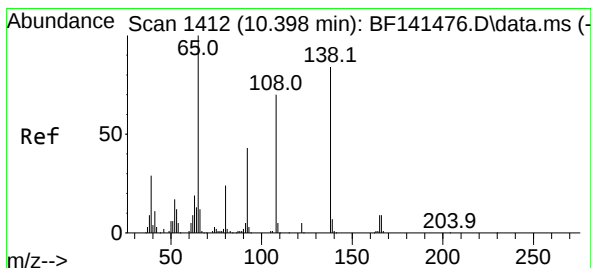
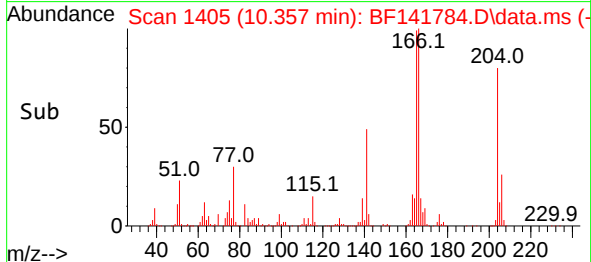
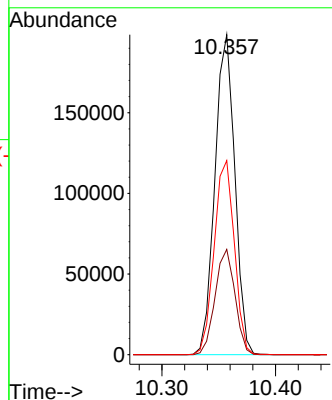
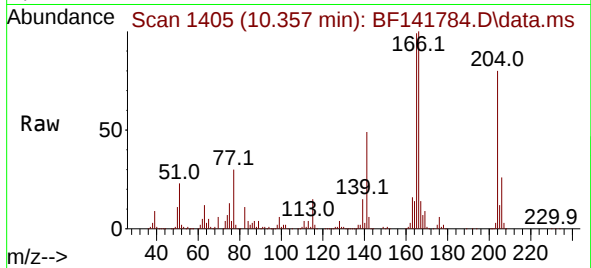




#61
4-Chlorophenyl-phenylether
Concen: 43.643 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

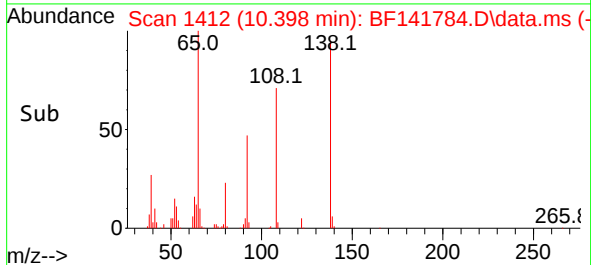
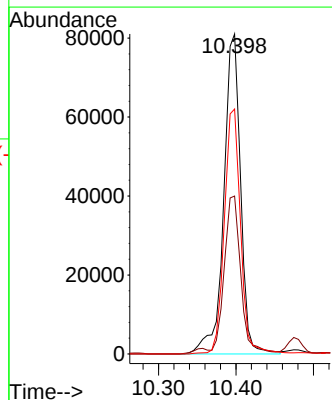
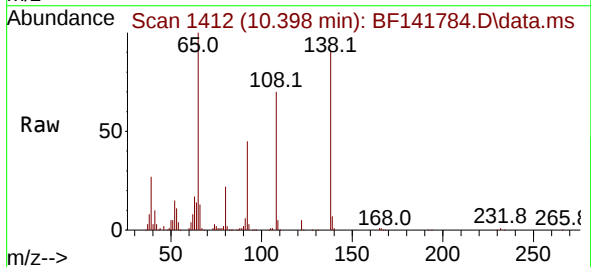
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

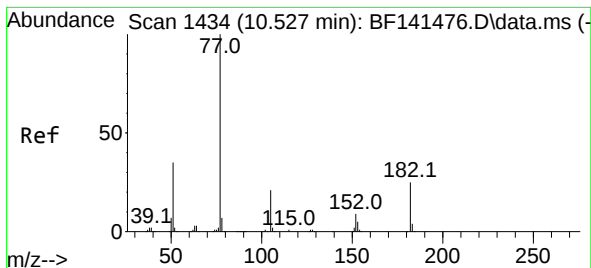
Tgt Ion:204 Resp: 242214
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 60.7 51.9 77.9



#62
4-Nitroaniline
Concen: 42.617 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:138 Resp: 122560
Ion Ratio Lower Upper
138 100
92 49.3 31.3 71.3
108 76.6 63.7 103.7





#63

Azobenzene

Concen: 42.405 ng

RT: 10.516 min Scan# 1432

Delta R.T. -0.017 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

Tgt Ion: 77 Resp: 499266

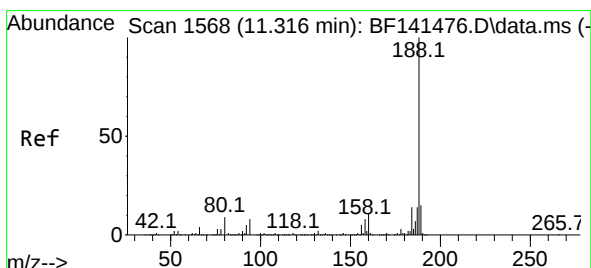
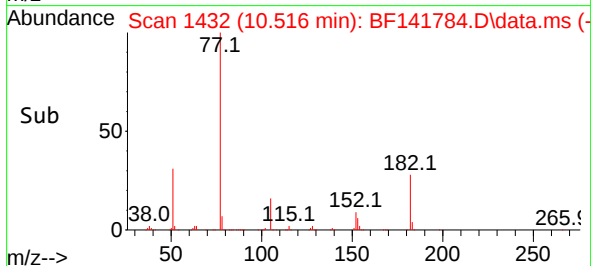
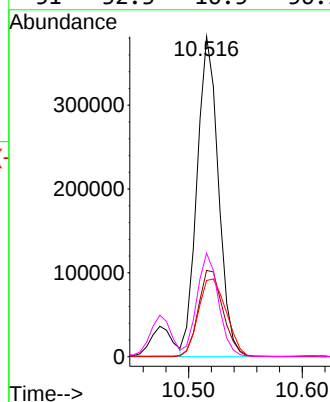
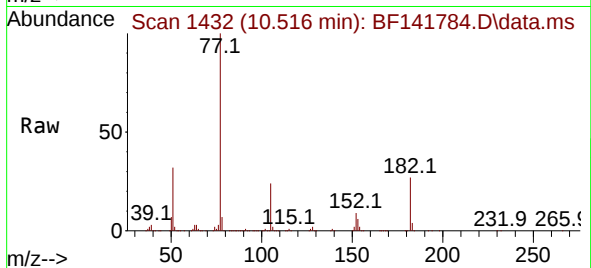
Ion Ratio Lower Upper

77 100

182 26.9 4.7 44.7

105 23.8 0.4 40.4

51 32.3 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: BF141784.D

Acq: 26 Feb 2025 15:59

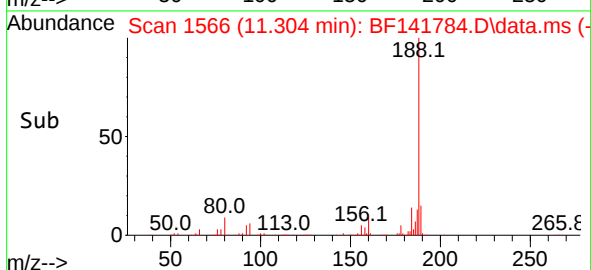
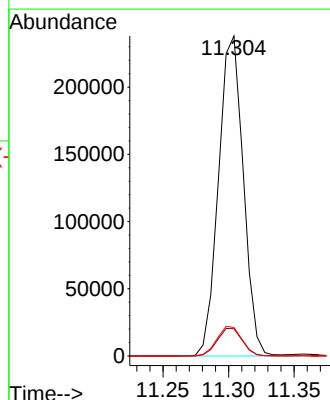
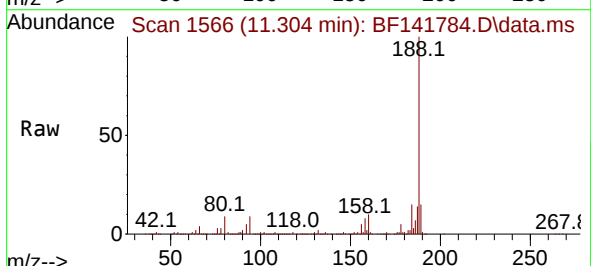
Tgt Ion:188 Resp: 312658

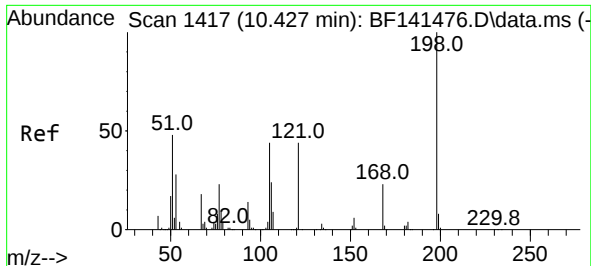
Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 8.9 7.3 10.9

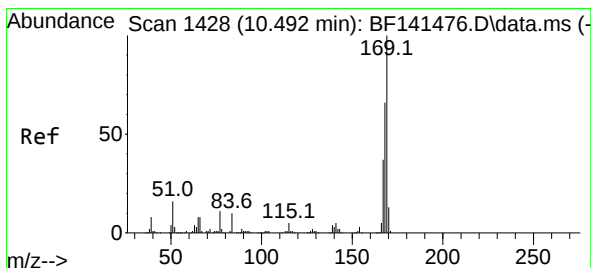
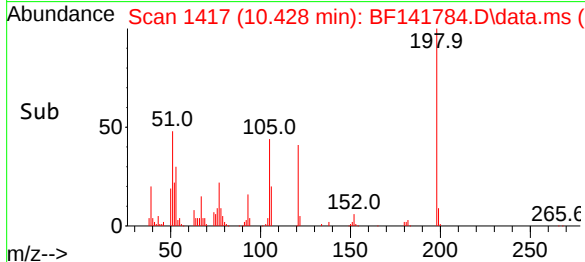
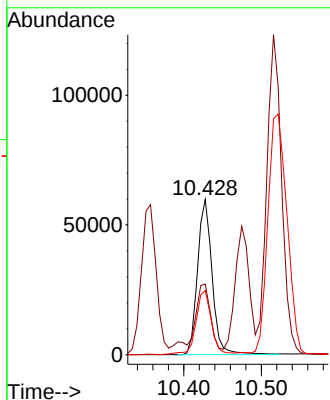
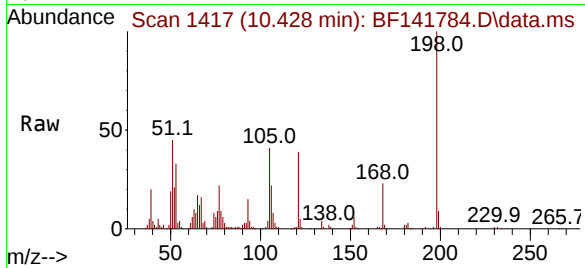




#65
4,6-Dinitro-2-methylphenol
Concen: 36.137 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

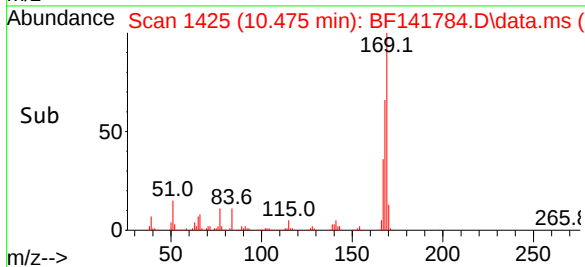
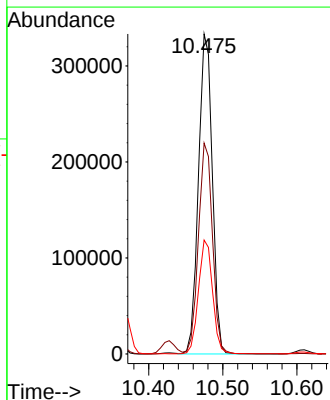
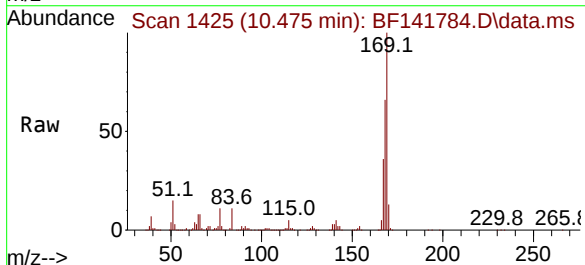
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

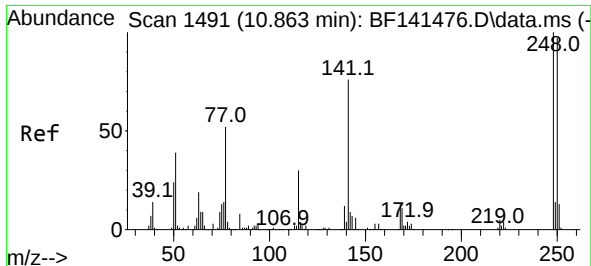
Tgt Ion:198 Resp: 78485
Ion Ratio Lower Upper
198 100
51 45.5 37.4 77.4
105 41.4 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 43.159 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:169 Resp: 431958
Ion Ratio Lower Upper
169 100
168 65.9 53.3 79.9
167 35.6 29.4 44.2

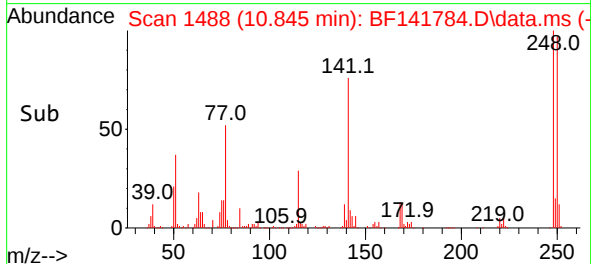
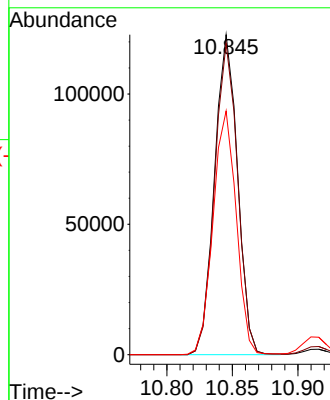
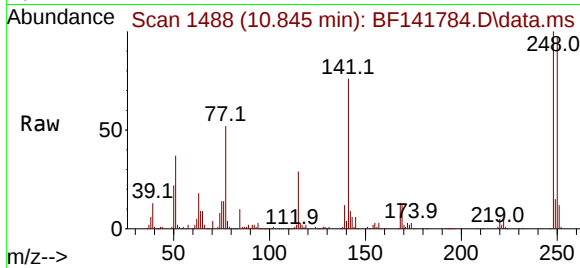




#67
4-Bromophenyl-phenylether
Concen: 42.961 ng
RT: 10.845 min Scan# 1491
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

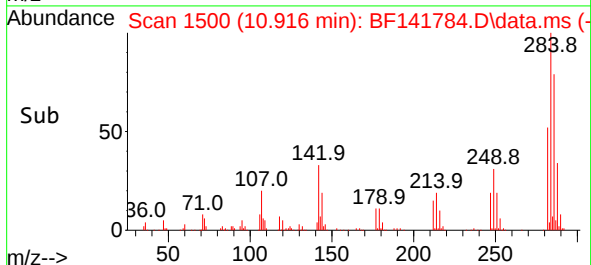
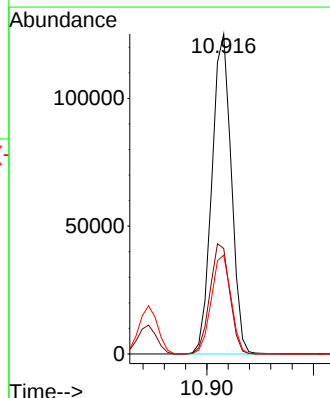
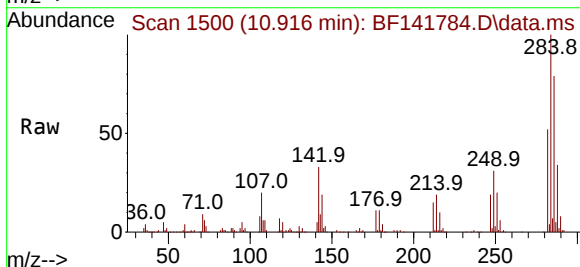
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

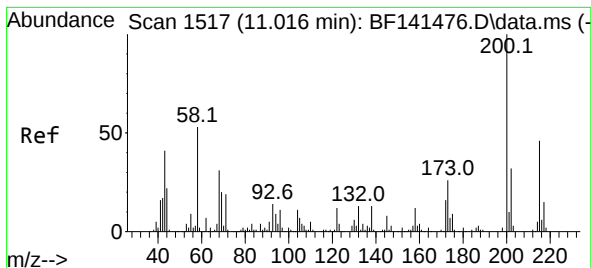
Tgt Ion:248 Resp: 150121
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 76.2 60.6 90.8



#68
Hexachlorobenzene
Concen: 43.992 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:284 Resp: 158295
Ion Ratio Lower Upper
284 100
142 32.9 28.0 42.0
249 30.9 25.8 38.8





#69

Atrazine

Concen: 55.140 ng

RT: 11.010 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

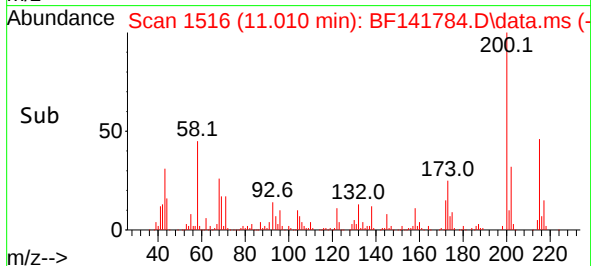
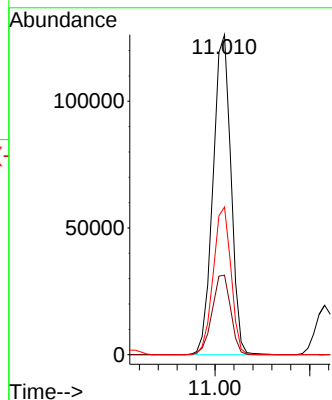
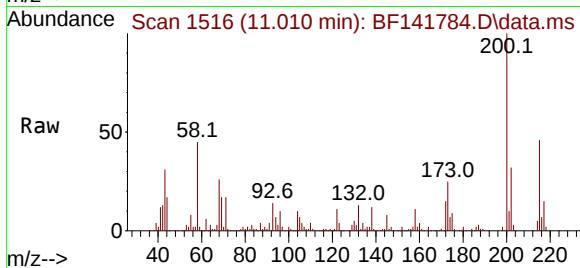
Tgt Ion:200 Resp: 165560

Ion Ratio Lower Upper

200 100

173 24.8 5.9 45.9

215 46.1 25.9 65.9



#70

Pentachlorophenol

Concen: 67.046 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

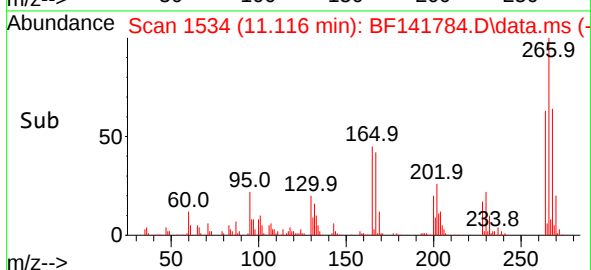
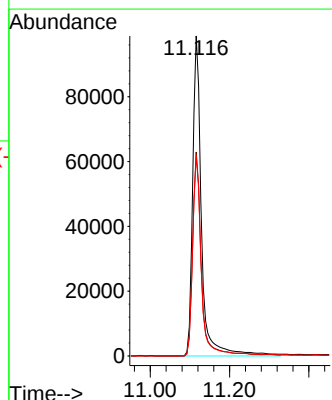
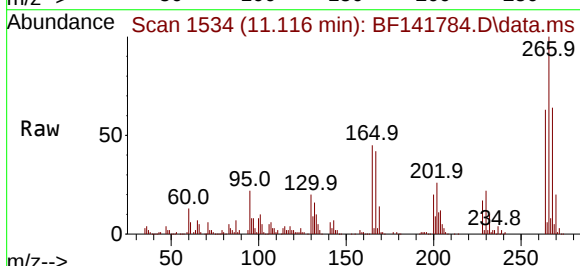
Tgt Ion:266 Resp: 154259

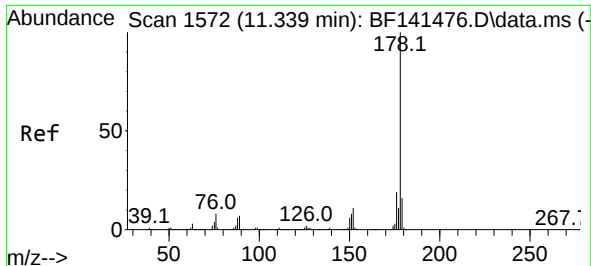
Ion Ratio Lower Upper

266 100

268 63.8 50.1 75.1

264 62.7 50.1 75.1

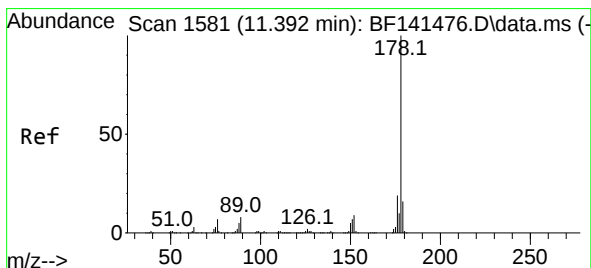
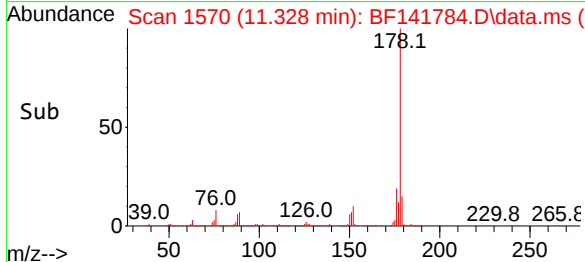
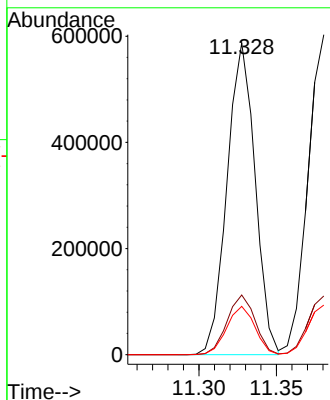
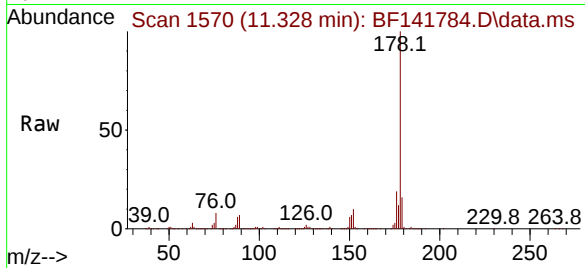




#71
Phenanthrene
Concen: 42.906 ng
RT: 11.328 min Scan# 1570
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

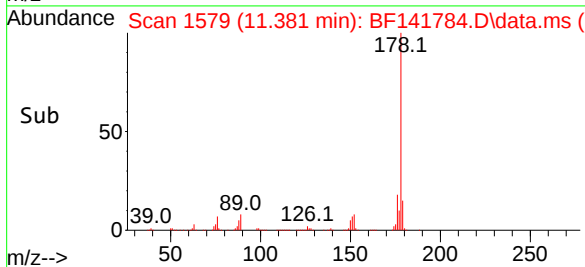
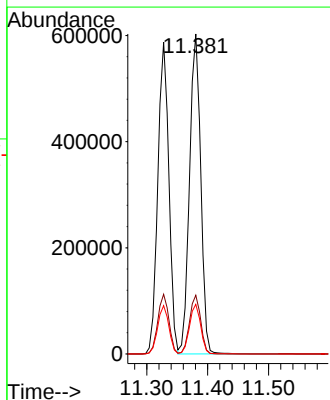
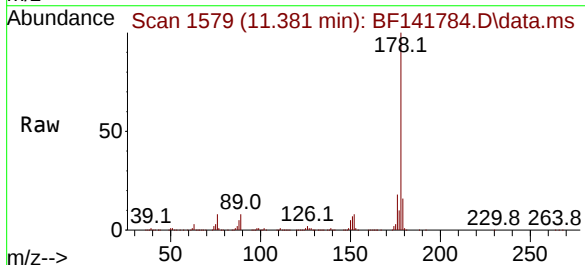
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

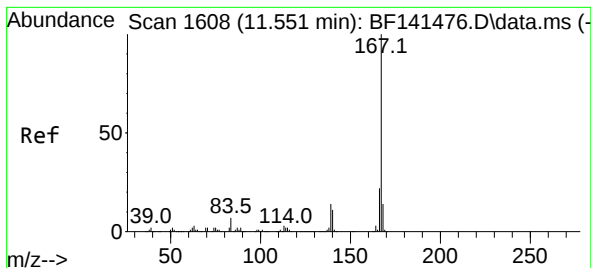
Tgt Ion:178 Resp: 738439
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 44.407 ng
RT: 11.381 min Scan# 1579
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:178 Resp: 768272
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.5 12.4 18.6





#73

Carbazole

Concen: 43.127 ng

RT: 11.539 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

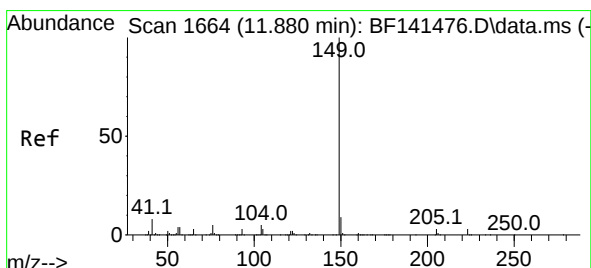
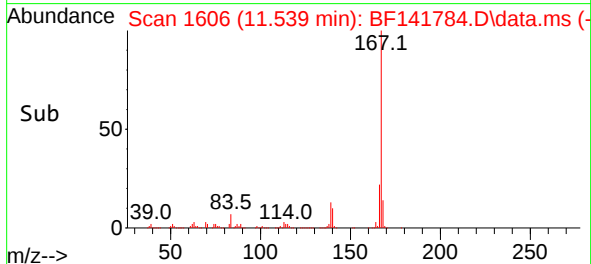
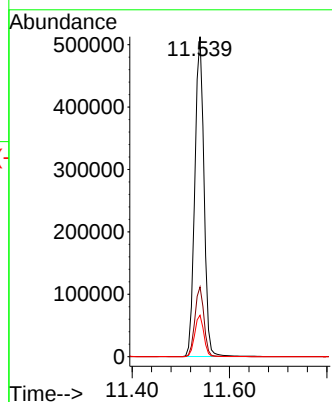
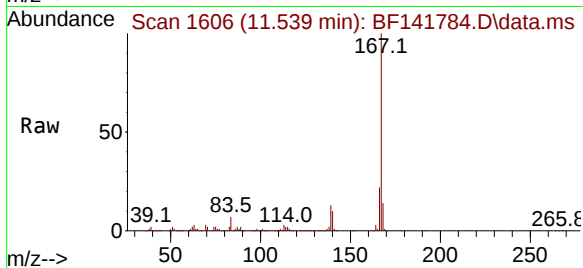
Tgt Ion:167 Resp: 671363

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.0 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.573 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.017 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

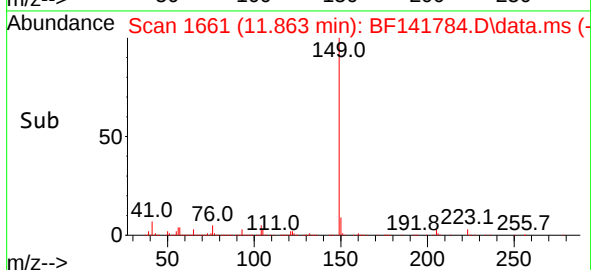
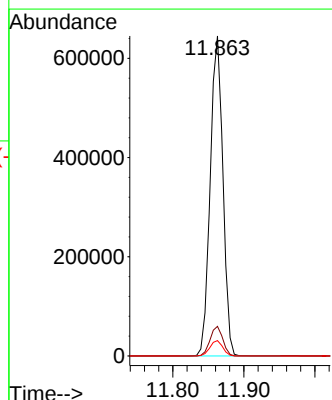
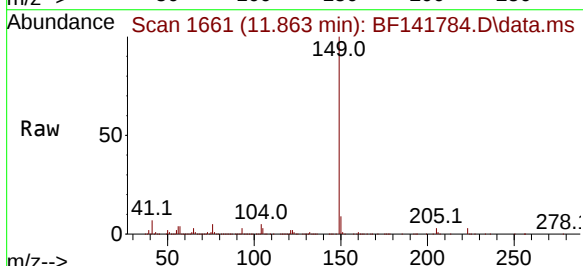
Tgt Ion:149 Resp: 801177

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.8 4.2 6.2

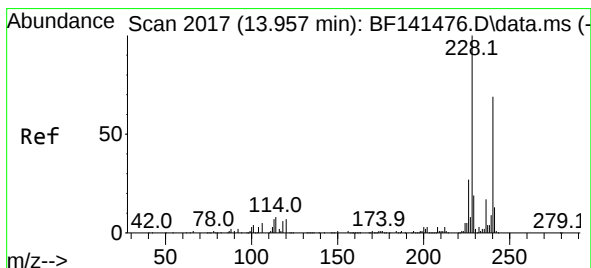
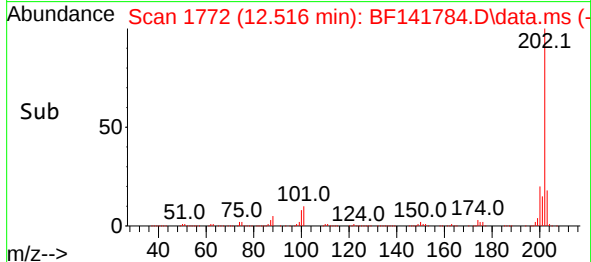
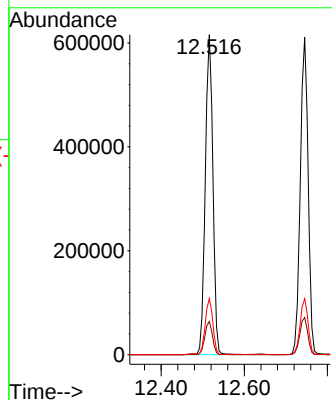
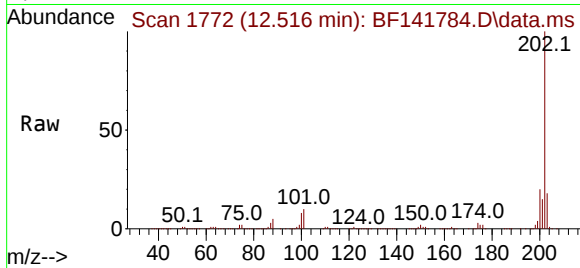




#75
Fluoranthene
Concen: 42.928 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

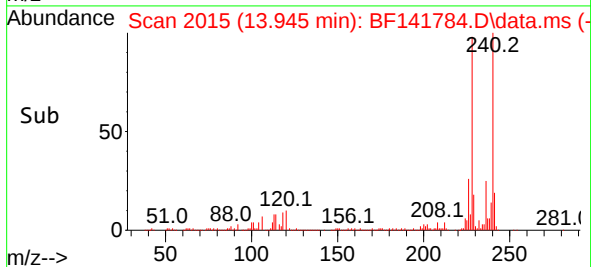
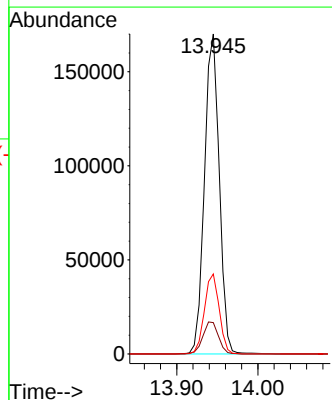
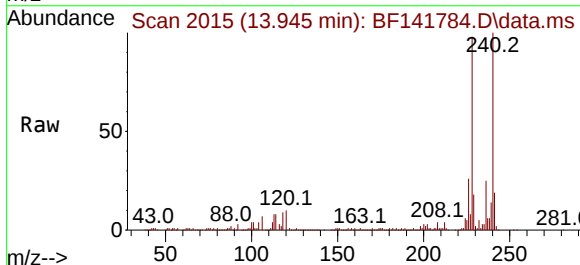
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

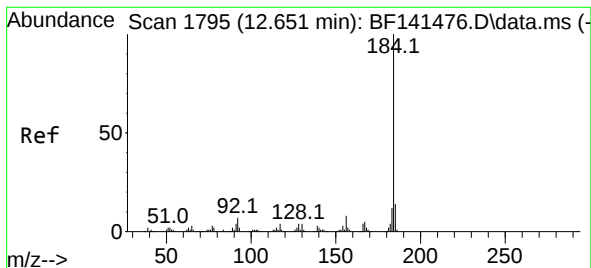
Tgt Ion:202 Resp: 783278
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:240 Resp: 214920
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.0 19.8 29.8





#77

Benzidine

Concen: 50.114 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

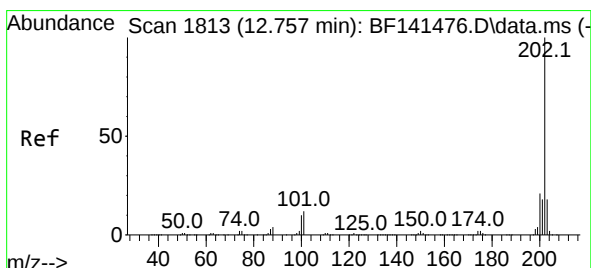
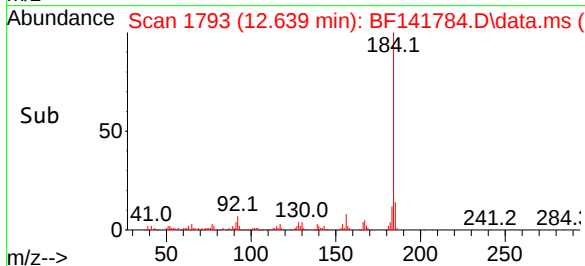
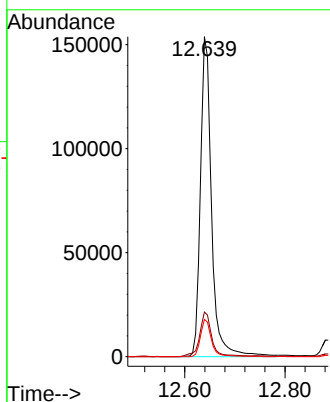
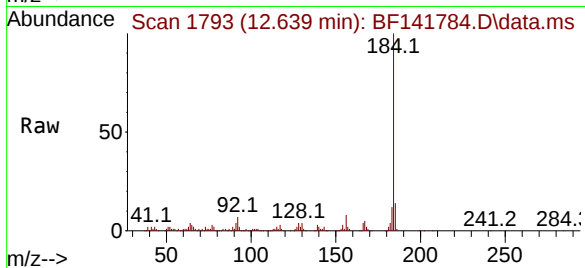
Tgt Ion:184 Resp: 237535

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 11.7 9.3 13.9



#78

Pyrene

Concen: 43.785 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.017 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

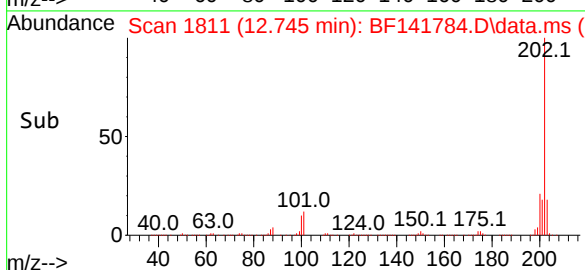
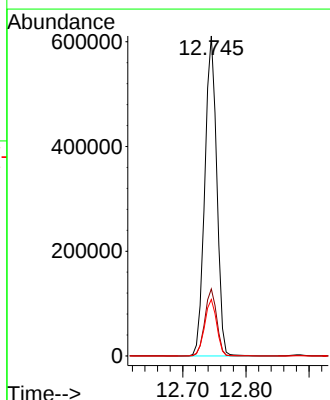
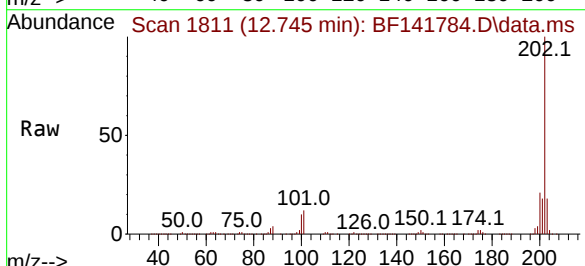
Tgt Ion:202 Resp: 801068

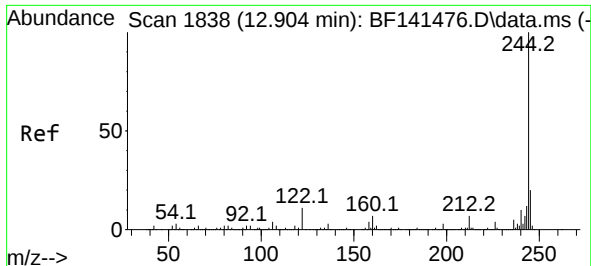
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

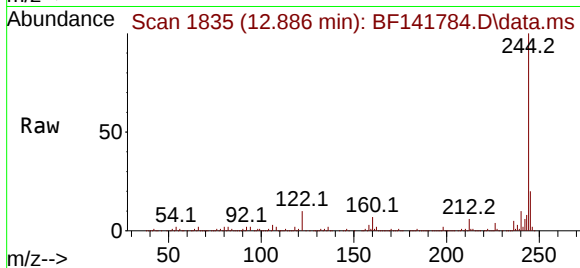
203 17.7 14.3 21.5



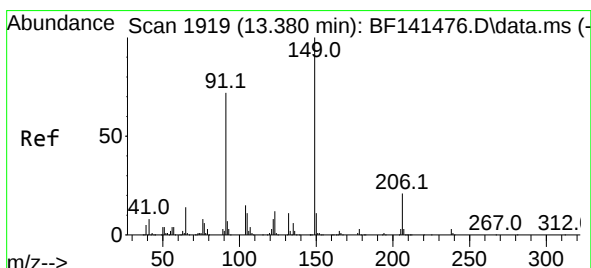
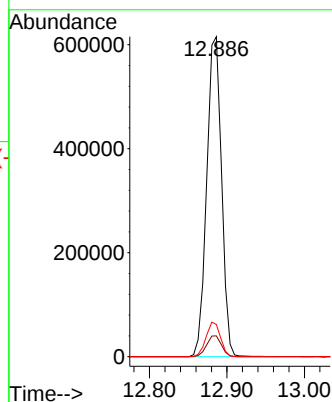
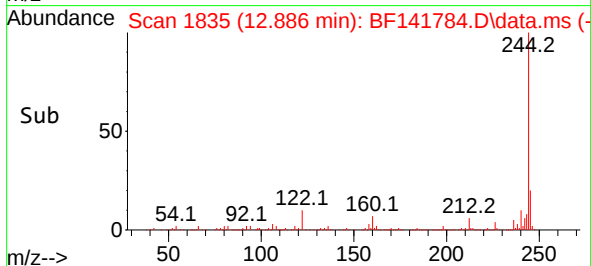


#79
 Terphenyl-d14
 Concen: 64.194 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.017 min
 Lab File: BF141784.D
 Acq: 26 Feb 2025 15:59

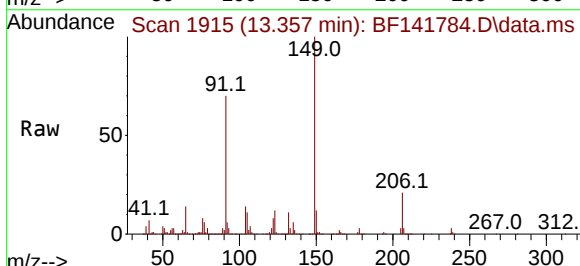
Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB01MS



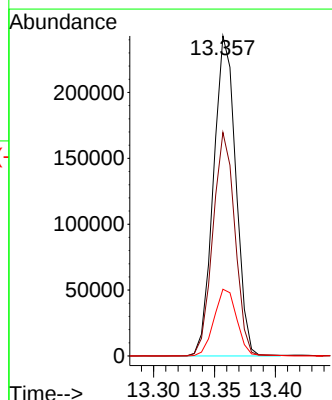
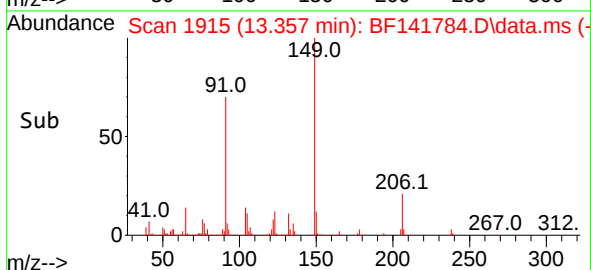
Tgt Ion:244 Resp: 817250
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.1 8.4 12.6

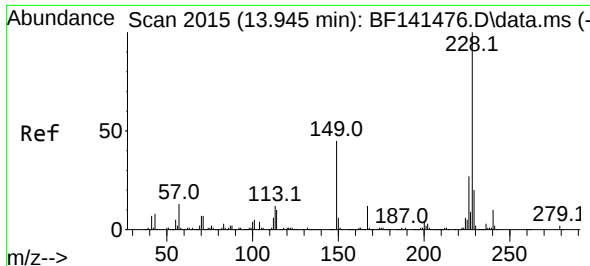


#80
 Butylbenzylphthalate
 Concen: 48.933 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141784.D
 Acq: 26 Feb 2025 15:59



Tgt Ion:149 Resp: 310087
 Ion Ratio Lower Upper
 149 100
 91 69.9 57.8 86.8
 206 20.9 16.7 25.1

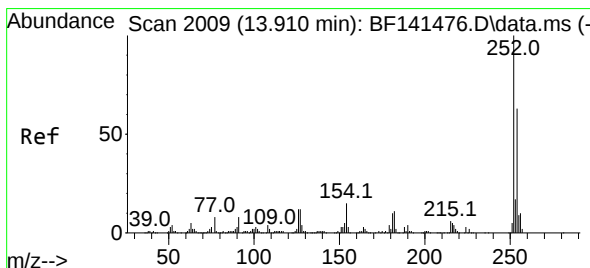
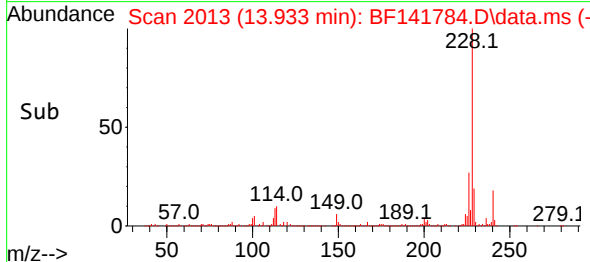
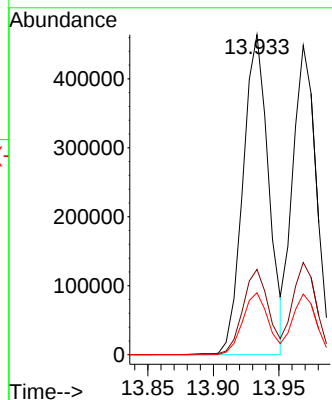
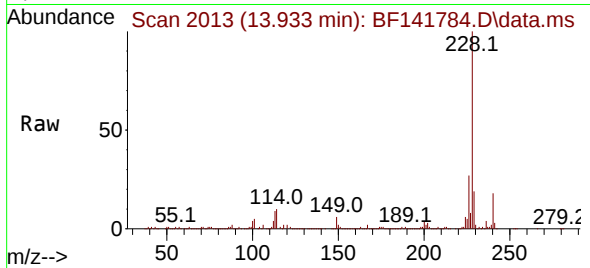




#81
Benzo(a)anthracene
Concen: 44.197 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

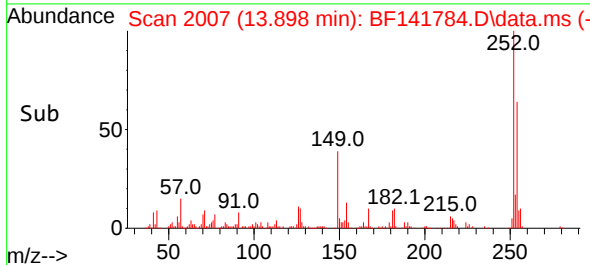
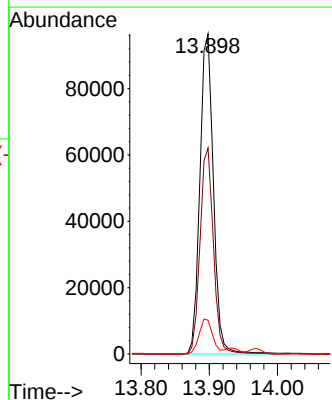
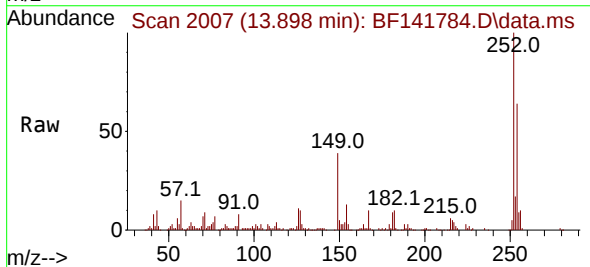
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

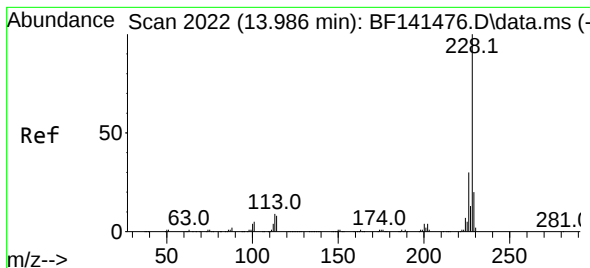
Tgt Ion:228 Resp: 631417
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 32.521 ng
RT: 13.898 min Scan# 2007
Delta R.T. -0.017 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:252 Resp: 133088
Ion Ratio Lower Upper
252 100
254 64.3 50.6 76.0
126 10.5 9.3 13.9





#83

Chrysene

Concen: 42.377 ng

RT: 13.969 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

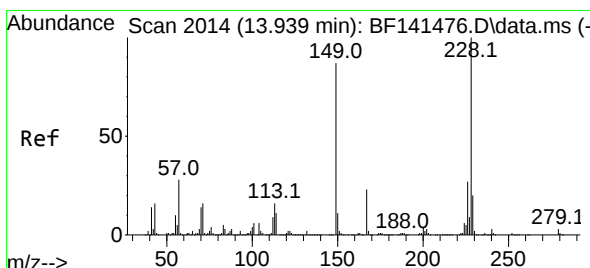
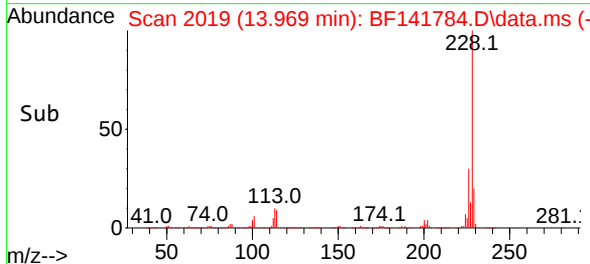
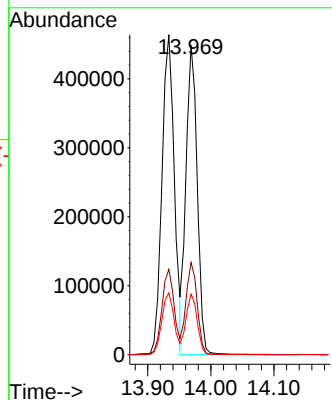
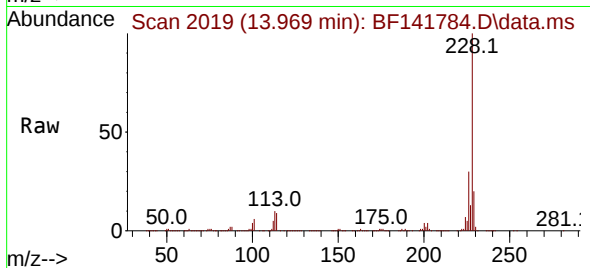
Tgt Ion:228 Resp: 559008

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.085 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

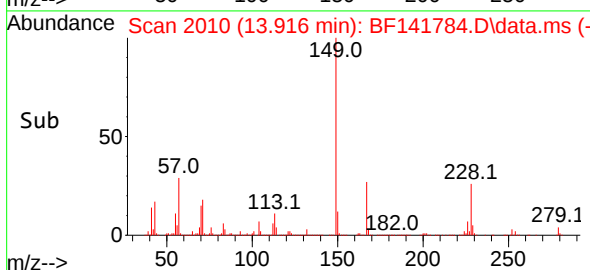
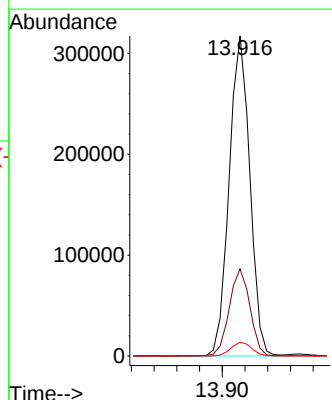
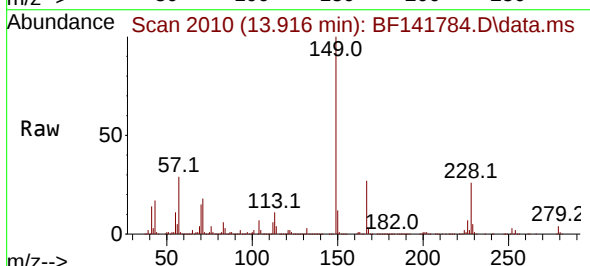
Tgt Ion:149 Resp: 400847

Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.634 ng

RT: 14.527 min Scan# 2114

Delta R.T. -0.035 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

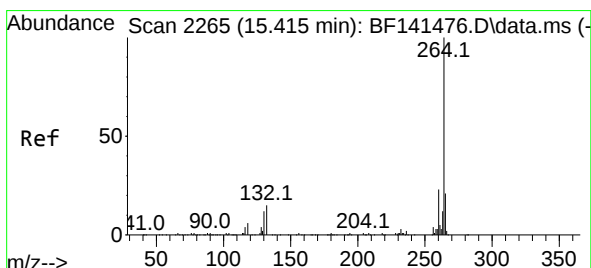
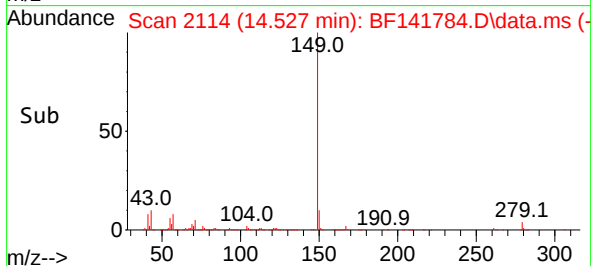
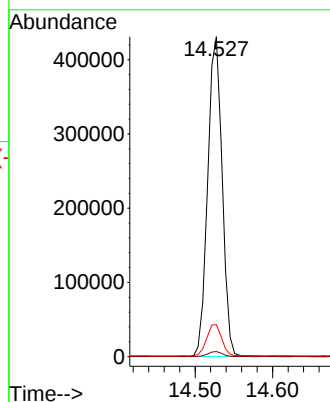
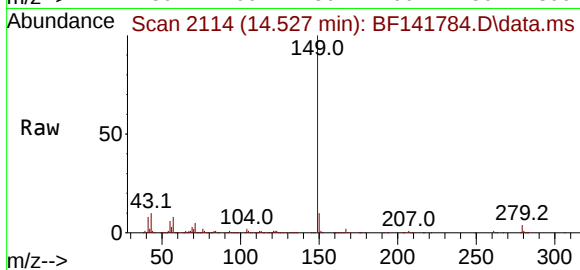
Tgt Ion:149 Resp: 557047

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.029 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

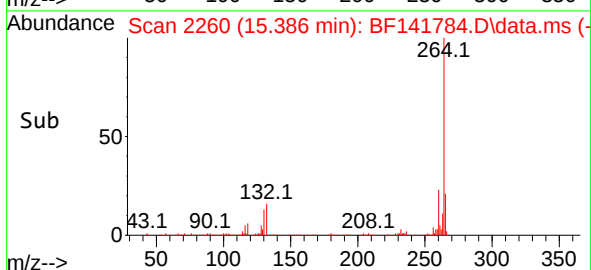
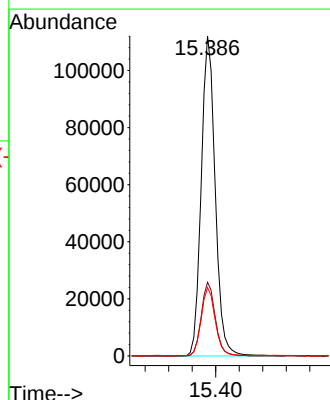
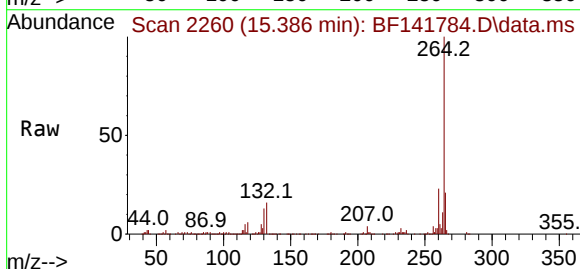
Tgt Ion:264 Resp: 184312

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.726 ng

RT: 16.833 min Scan# 2189

Delta R.T. -0.041 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MS

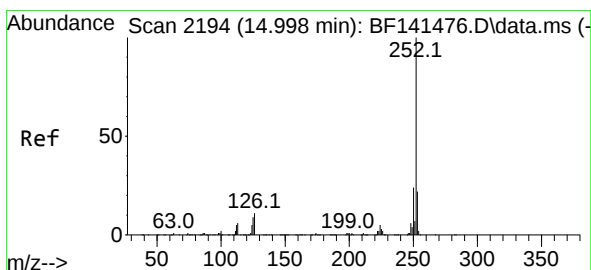
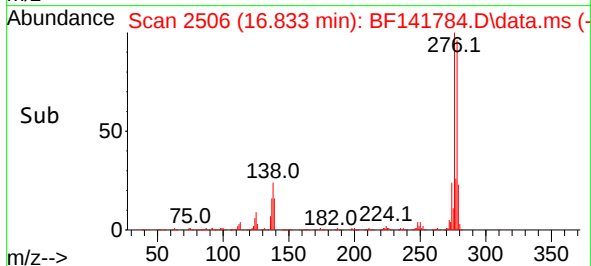
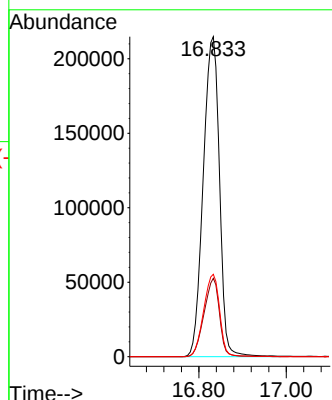
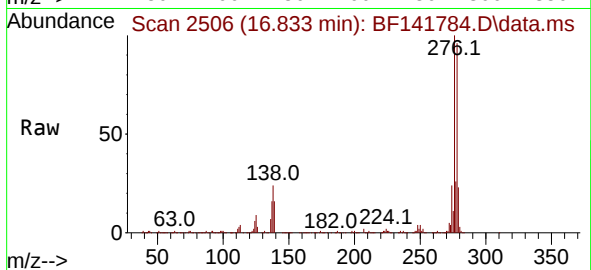
Tgt Ion:276 Resp: 554914

Ion Ratio Lower Upper

276 100

138 23.4 18.0 27.0

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 37.000 ng

RT: 14.969 min Scan# 2189

Delta R.T. -0.035 min

Lab File: BF141784.D

Acq: 26 Feb 2025 15:59

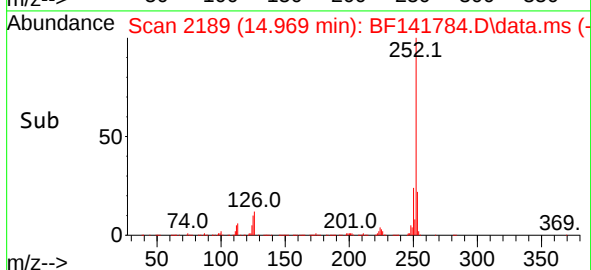
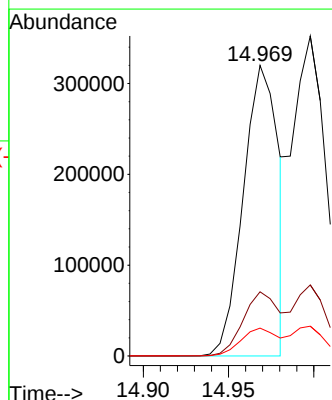
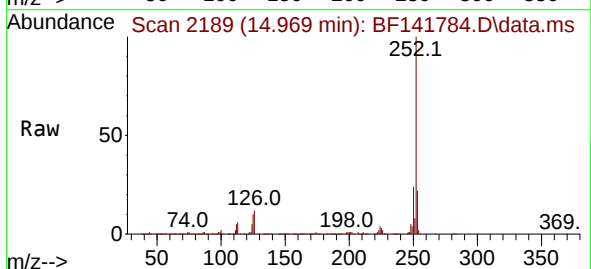
Tgt Ion:252 Resp: 457903

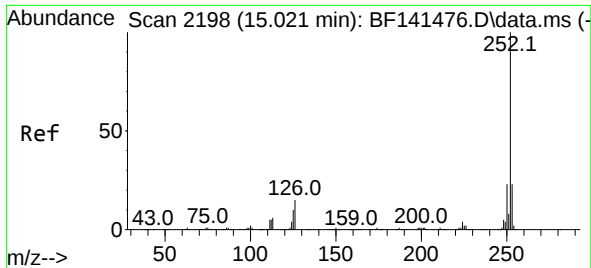
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.6 7.0 10.6

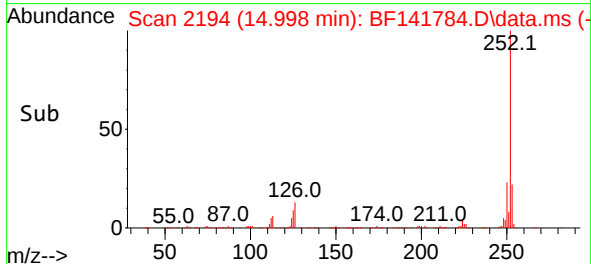
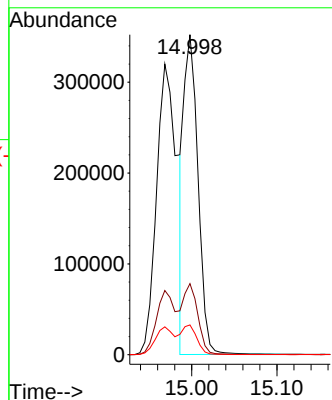
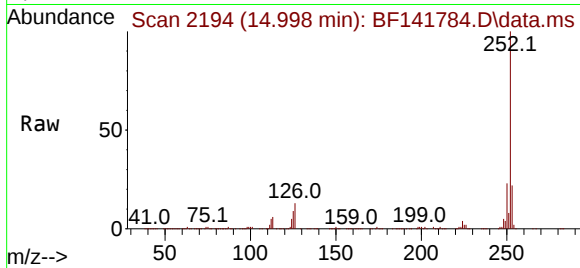




#89
Benzo(k)fluoranthene
Concen: 38.501 ng
RT: 14.998 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

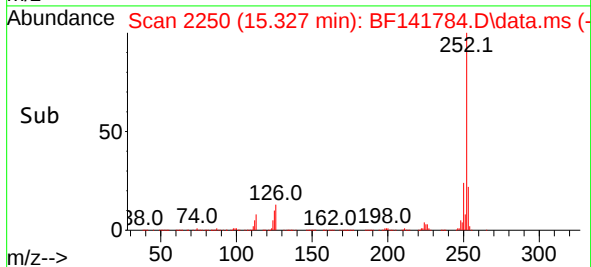
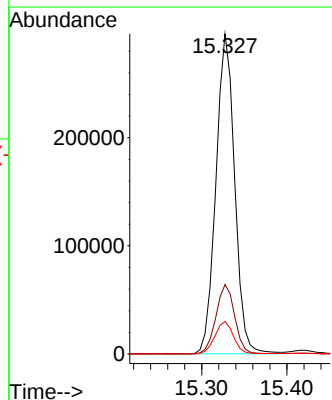
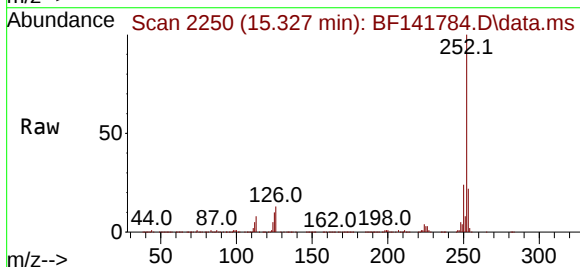
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

Tgt Ion:252 Resp: 406870
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.3 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.136 ng
RT: 15.327 min Scan# 2250
Delta R.T. -0.035 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:252 Resp: 451992
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.2 7.4 11.2

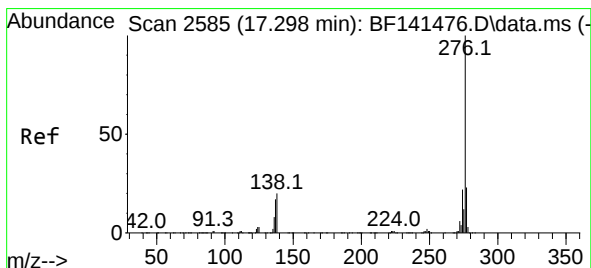
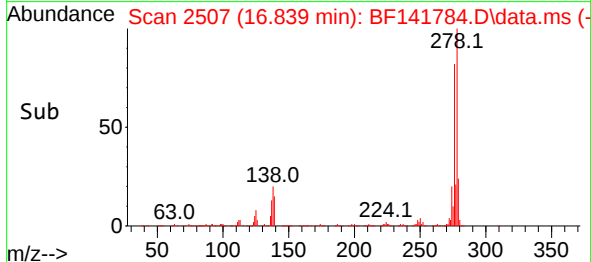
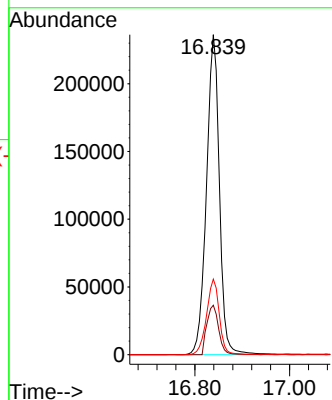
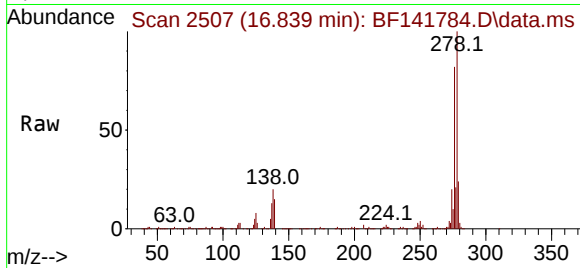




#91
Dibenzo(a,h)anthracene
Concen: 48.518 ng
RT: 16.839 min Scan# 2507
Delta R.T. -0.053 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Instrument :
BNA_F
ClientSampleId :
B-154-SB01MS

Tgt Ion:278 Resp: 447722
Ion Ratio Lower Upper
278 100
139 15.5 11.8 17.6
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.839 ng
RT: 17.262 min Scan# 2579
Delta R.T. -0.053 min
Lab File: BF141784.D
Acq: 26 Feb 2025 15:59

Tgt Ion:276 Resp: 432991
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 19.9 15.9 23.9

