

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141785.D
 Acq On : 26 Feb 2025 16:28
 Operator : RC/JU
 Sample : Q1422-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB01MSD

Quant Time: Feb 26 16:50:33 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	75036	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	298435	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	168527	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	293184	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	207473	20.000	ng	-0.02
86) Perylene-d12	15.386	264	181155	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	425044	88.805	ng	0.00
7) Phenol-d6	6.428	99	522001	86.289	ng	-0.01
23) Nitrobenzene-d5	7.345	82	325749	56.932	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	150690	89.011	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	630389	57.629	ng	-0.02
79) Terphenyl-d14	12.880	244	756858	61.584	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	80900	41.996	ng	92
3) Pyridine	3.252	79	178636	38.969	ng	92
4) n-Nitrosodimethylamine	3.199	42	101589	33.469	ng	84
6) Aniline	6.446	93	171258	30.180	ng	# 83
8) 2-Chlorophenol	6.569	128	217485	42.053	ng	99
9) Benzaldehyde	6.334	77	81158	25.246	ng	96
10) Phenol	6.440	94	263836	41.903	ng	93
11) bis(2-Chloroethyl)ether	6.516	93	195079	41.250	ng	97
12) 1,3-Dichlorobenzene	6.722	146	227029	41.581	ng	97
13) 1,4-Dichlorobenzene	6.798	146	231957	41.581	ng	98
14) 1,2-Dichlorobenzene	6.951	146	221610	42.803	ng	97
15) Benzyl Alcohol	6.928	79	182856	39.417	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	293439	36.247	ng	66
17) 2-Methylphenol	7.045	107	166674	41.183	ng	97
18) Hexachloroethane	7.287	117	84339	40.852	ng	98
19) n-Nitroso-di-n-propyla...	7.193	70	145832	40.301	ng	93
20) 3+4-Methylphenols	7.204	107	222606	43.280	ng	# 71
22) Acetophenone	7.193	105	329827	44.429	ng	# 90
24) Nitrobenzene	7.363	77	217972	39.067	ng	97
25) Isophorone	7.604	82	387811	42.509	ng	98
26) 2-Nitrophenol	7.681	139	115080	41.458	ng	94
27) 2,4-Dimethylphenol	7.722	122	171743	52.961	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	241119	41.246	ng	99
29) 2,4-Dichlorophenol	7.934	162	181869	41.509	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	194338	40.731	ng	99
31) Naphthalene	8.087	128	624072	40.173	ng	100
32) Benzoic acid	7.863	122	99126	29.429	ng	95
33) 4-Chloroaniline	8.145	127	74597	13.754	ng	97
34) Hexachlorobutadiene	8.198	225	118239	41.279	ng	100
35) Caprolactam	8.551	113	19673	14.747	ng	# 85
36) 4-Chloro-3-methylphenol	8.634	107	195052	40.189	ng	98
37) 2-Methylnaphthalene	8.775	142	401831	39.750	ng	99
38) 1-Methylnaphthalene	8.875	142	389031	39.734	ng	100
40) 1,2,4,5-Tetrachloroben...	8.940	216	219439	45.007	ng	99
41) Hexachlorocyclopentadiene	8.928	237	156048	96.225	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	125370	39.784	ng	98

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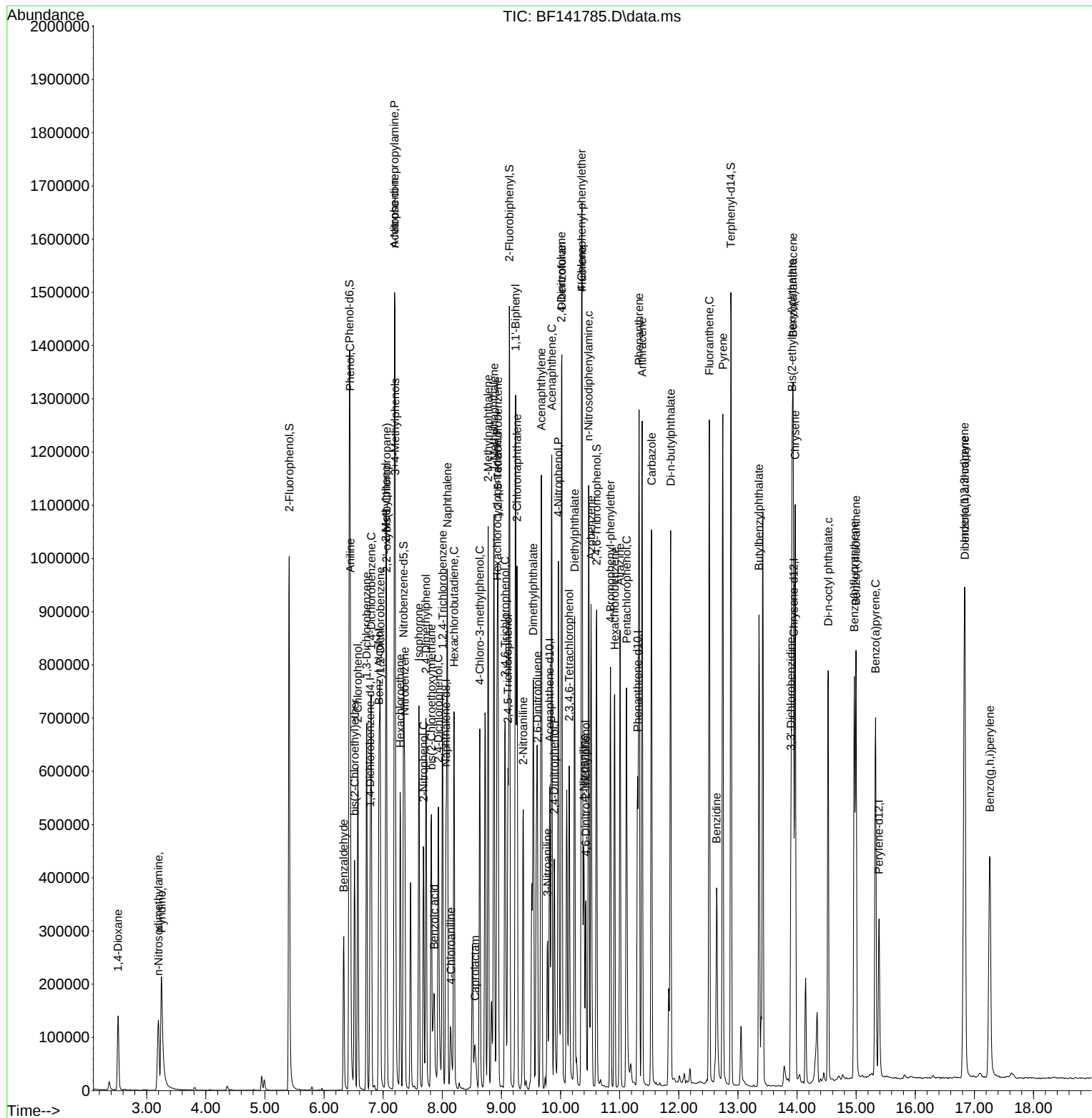
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	138616	40.588	ng	97
46) 1,1'-Biphenyl	9.239	154	585493	44.812	ng	100
47) 2-Chloronaphthalene	9.263	162	395944	40.981	ng	99
48) 2-Nitroaniline	9.369	65	127210	39.233	ng	90
49) Acenaphthylene	9.675	152	611703	42.566	ng	99
50) Dimethylphthalate	9.539	163	474328	41.459	ng	99
51) 2,6-Dinitrotoluene	9.610	165	105139	42.038	ng	91
52) Acenaphthene	9.851	154	384408	39.789	ng	100
53) 3-Nitroaniline	9.781	138	64657	24.019	ng	95
54) 2,4-Dinitrophenol	9.892	184	102814	69.168	ng	92
55) Dibenzofuran	10.022	168	552640	38.971	ng	99
56) 4-Nitrophenol	9.963	139	153270	76.701	ng	90
57) 2,4-Dinitrotoluene	10.016	165	141687	42.555	ng	98
58) Fluorene	10.363	166	454938	41.491	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	112869	38.387	ng	95
60) Diethylphthalate	10.239	149	450114	39.987	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	222533	42.187	ng	95
62) 4-Nitroaniline	10.392	138	111886	40.933	ng	96
63) Azobenzene	10.516	77	456115	40.760	ng	93
65) 4,6-Dinitro-2-methylph...	10.428	198	73772	36.223	ng	87
66) n-Nitrosodiphenylamine	10.475	169	396168	42.212	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	139213	42.486	ng	99
68) Hexachlorobenzene	10.916	284	145316	43.068	ng	97
69) Atrazine	11.004	200	152593	54.197	ng	99
70) Pentachlorophenol	11.116	266	143771	66.638	ng	99
71) Phenanthrene	11.328	178	680677	42.177	ng	100
72) Anthracene	11.381	178	711386	43.850	ng	100
73) Carbazole	11.539	167	621476	42.575	ng	99
74) Di-n-butylphthalate	11.863	149	735407	43.631	ng	100
75) Fluoranthene	12.516	202	722689	42.238	ng	100
77) Benzidine	12.639	184	232919	50.904	ng	100
78) Pyrene	12.745	202	744877	42.175	ng	100
80) Butylbenzylphthalate	13.357	149	289238	47.281	ng	99
81) Benzo(a)anthracene	13.933	228	587897	42.628	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	126340	31.980	ng	97
83) Chrysene	13.969	228	532846	41.843	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	379316	54.977	ng	100
85) Di-n-octyl phthalate	14.527	149	526238	53.464	ng	96
87) Indeno(1,2,3-cd)pyrene	16.833	276	526140	47.005	ng	99
88) Benzo(b)fluoranthene	14.969	252	442364	36.368	ng	99
89) Benzo(k)fluoranthene	14.998	252	457026	44.001	ng	99
90) Benzo(a)pyrene	15.327	252	428789	43.565	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	426195	46.990	ng	99
92) Benzo(g,h,i)perylene	17.262	276	411835	43.391	ng	99

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

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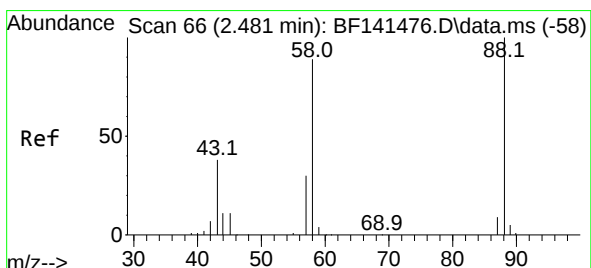
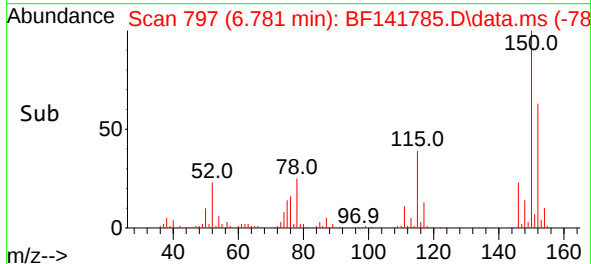
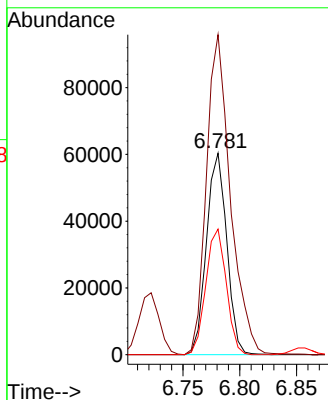
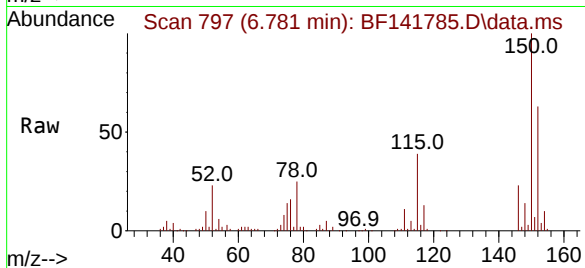




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141785.D
 Acq: 26 Feb 2025 16:28

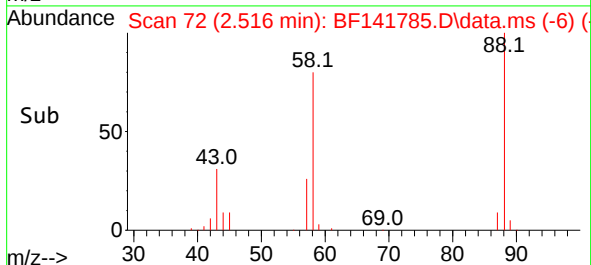
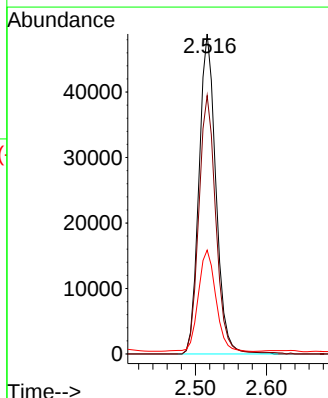
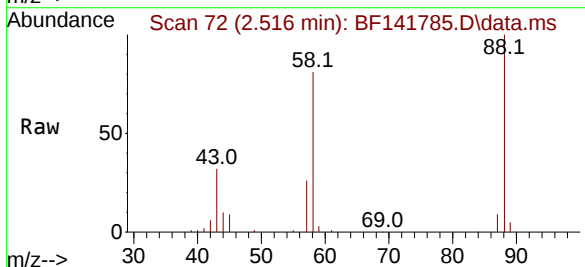
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 ClientSampleId :
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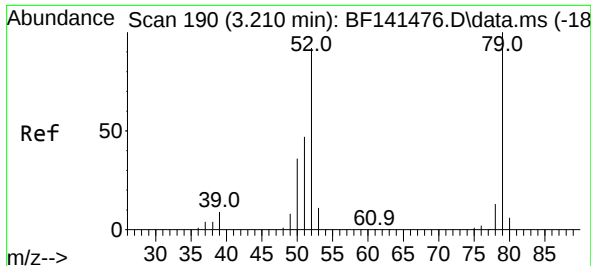
Tgt Ion:152 Resp: 75036
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.0 187.4
 115 62.3 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.996 ng
 RT: 2.516 min Scan# 72
 Delta R.T. 0.036 min
 Lab File: BF141785.D
 Acq: 26 Feb 2025 16:28

Tgt Ion: 88 Resp: 80900
 Ion Ratio Lower Upper
 88 100
 58 82.0 71.1 106.7
 43 32.8 30.6 46.0





#3

Pyridine

Concen: 38.969 ng

RT: 3.252 min Scan# 190

Delta R.T. 0.036 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

Tgt Ion: 79 Resp: 178636

Ion Ratio Lower Upper

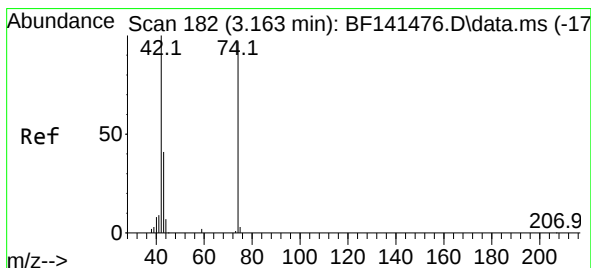
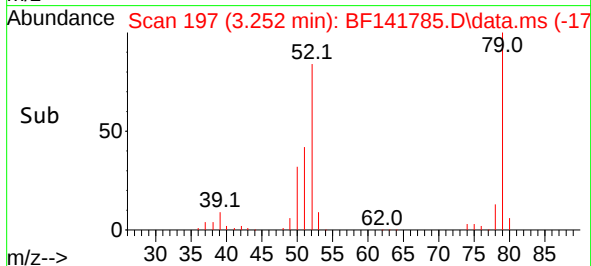
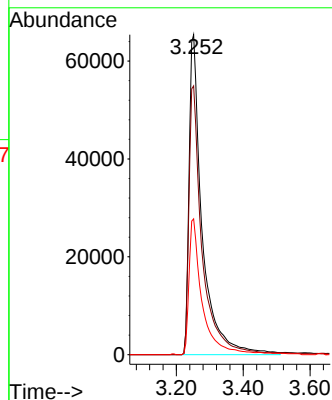
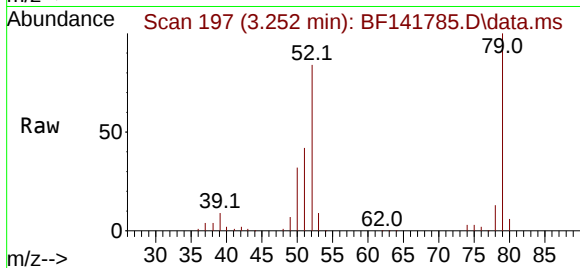
79 100

52 84.0

51 42.4

73.7 110.5

37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 33.469 ng

RT: 3.199 min Scan# 188

Delta R.T. 0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Tgt Ion: 42 Resp: 101589

Ion Ratio Lower Upper

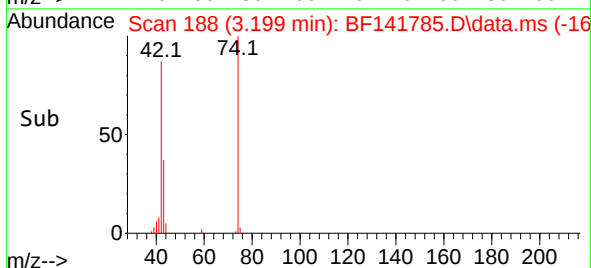
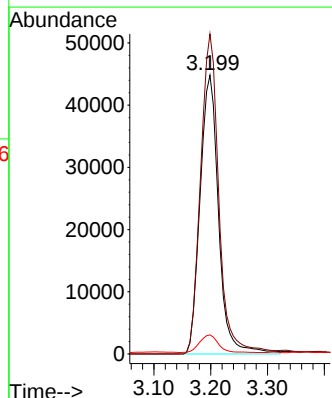
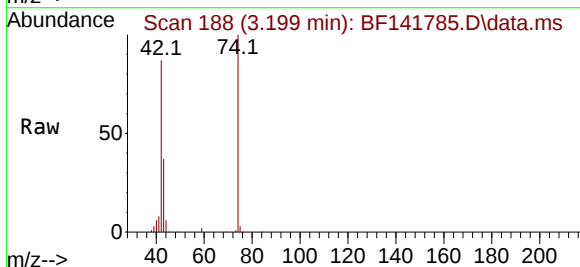
42 100

74 114.8

44 6.8

78.0 117.0

5.4 8.2

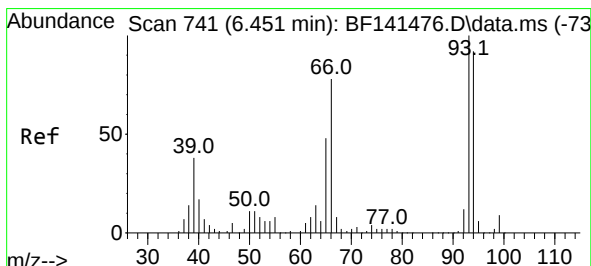
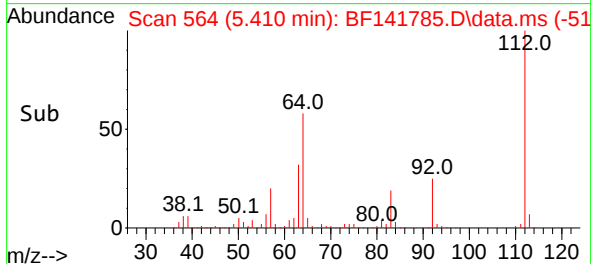
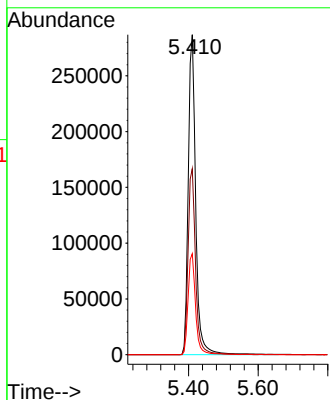
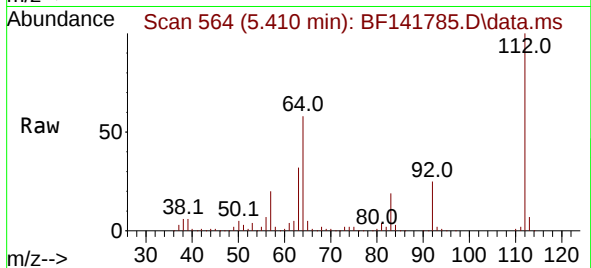




#5
2-Fluorophenol
Concen: 88.805 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

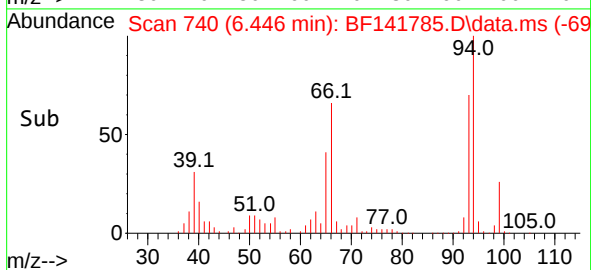
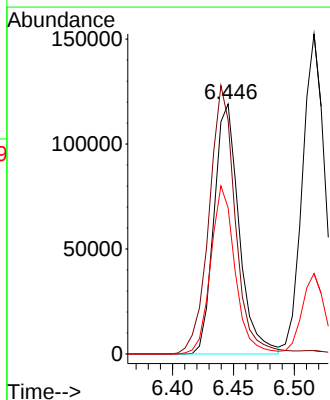
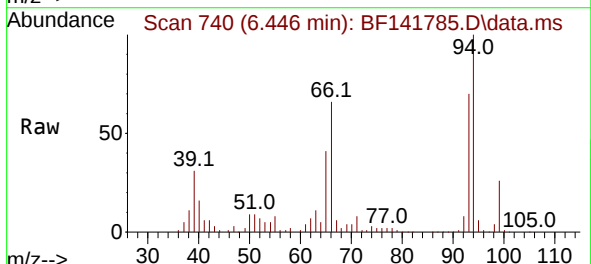
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Tgt Ion:112 Resp: 425044
Ion Ratio Lower Upper
112 100
64 58.1 51.1 76.7
63 31.6 28.4 42.6



#6
Aniline
Concen: 30.180 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion: 93 Resp: 171258
Ion Ratio Lower Upper
93 100
66 93.6 62.6 94.0
65 58.5 38.3 57.5#

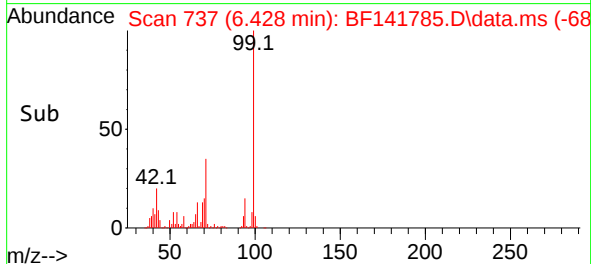
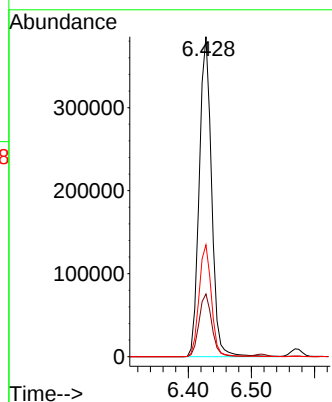
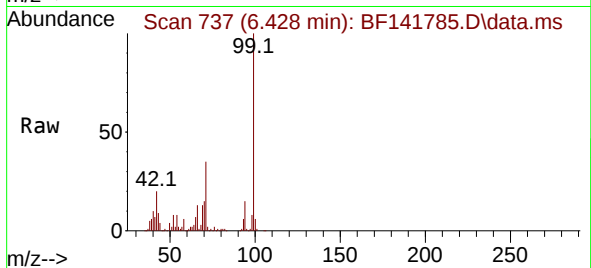




#7
Phenol-d6
Concen: 86.289 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

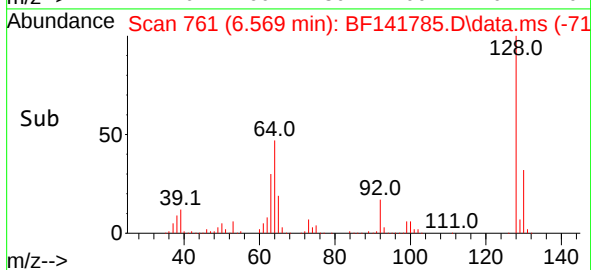
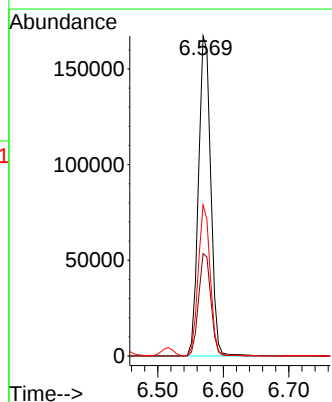
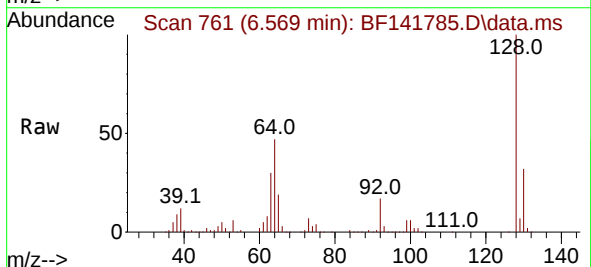
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 522001
Ion Ratio Lower Upper
99 100
42 19.6 19.1 28.7
71 34.9 31.1 46.7



#8
2-Chlorophenol
Concen: 42.053 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion: 128 Resp: 217485
Ion Ratio Lower Upper
128 100
130 32.0 12.7 52.7
64 47.2 28.3 68.3

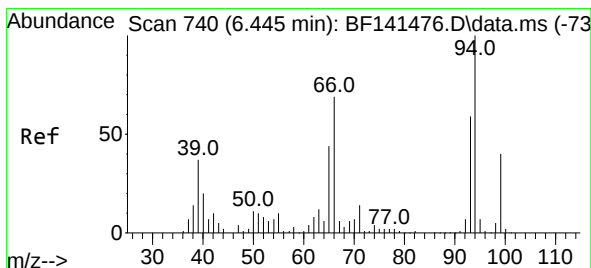
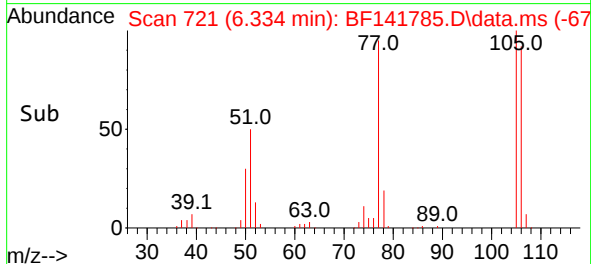
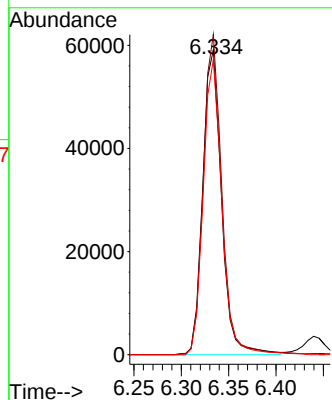
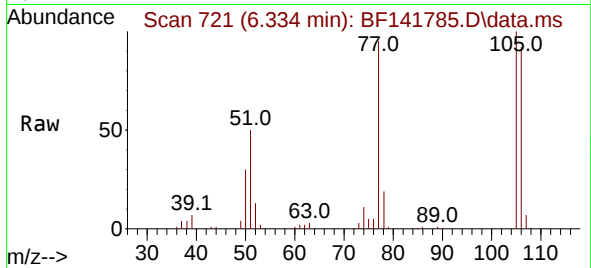




#9
Benzaldehyde
Concen: 25.246 ng
RT: 6.334 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

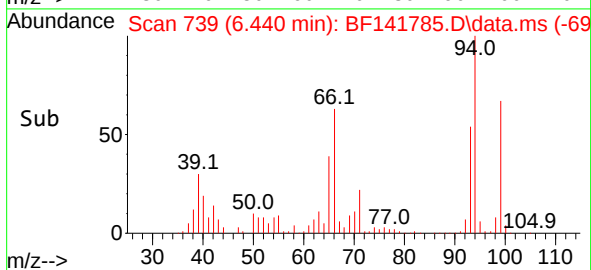
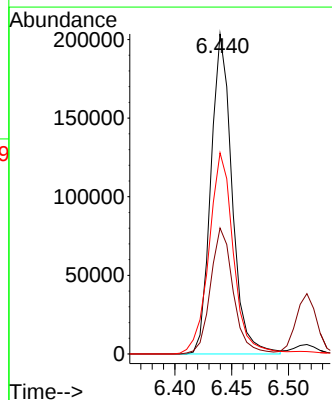
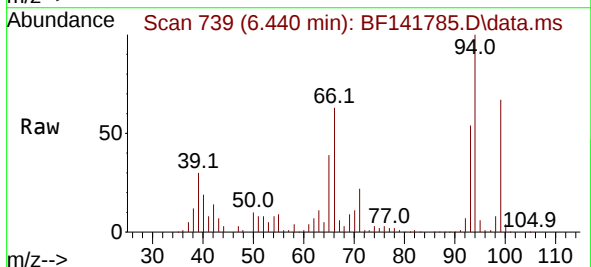
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Tgt Ion: 77 Resp: 81158
Ion Ratio Lower Upper
77 100
105 105.0 79.4 119.4
106 96.8 75.1 115.1



#10
Phenol
Concen: 41.903 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141785.D
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Tgt Ion: 94 Resp: 263836
Ion Ratio Lower Upper
94 100
65 39.3 23.7 63.7
66 62.9 49.3 89.3

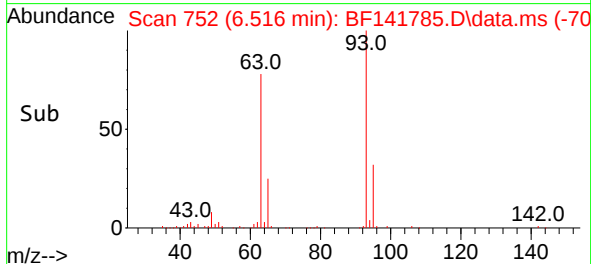
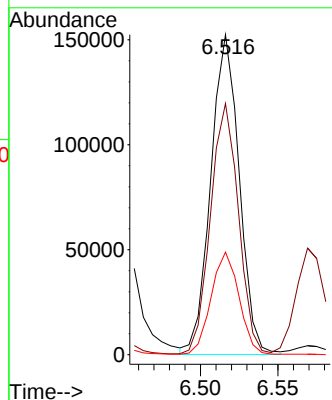
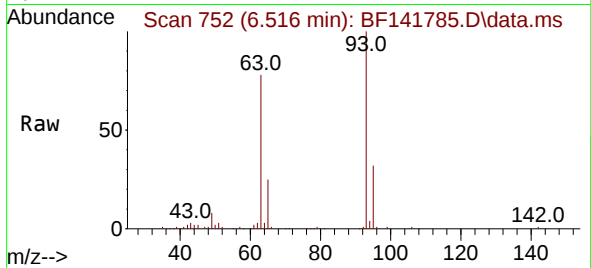




#11
bis(2-Chloroethyl)ether
Concen: 41.250 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

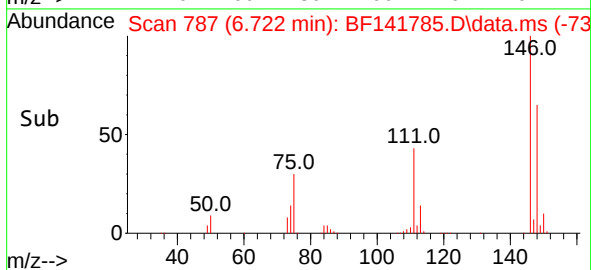
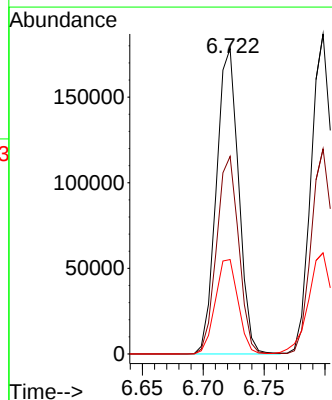
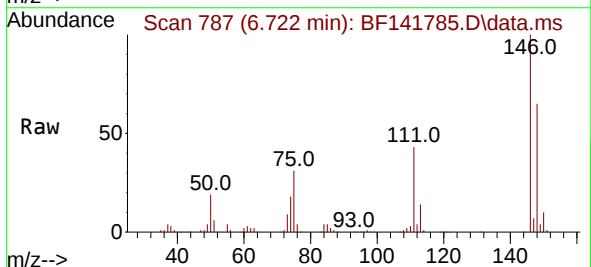
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

Tgt Ion: 93 Resp: 195079
Ion Ratio Lower Upper
93 100
63 78.5 62.0 102.0
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.581 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:146 Resp: 227029
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 30.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.581 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

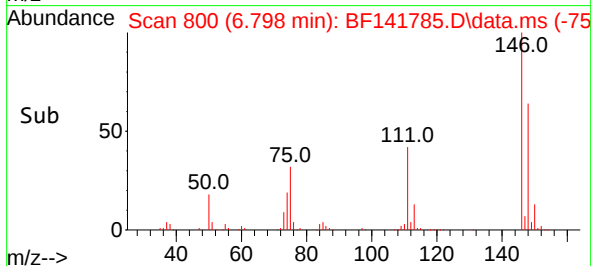
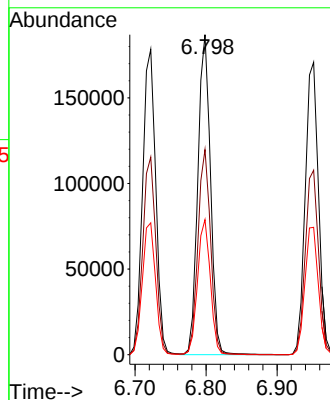
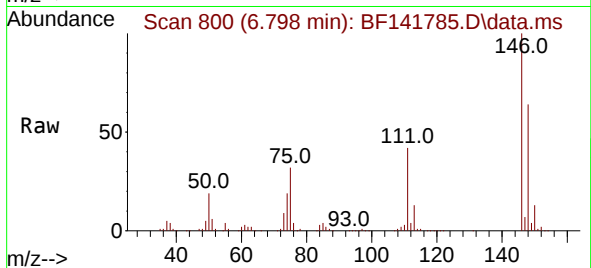
Tgt Ion:146 Resp: 231957

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

111 42.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 42.803 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

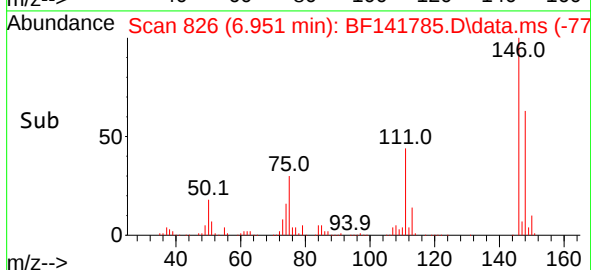
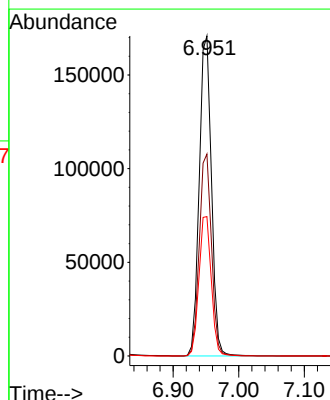
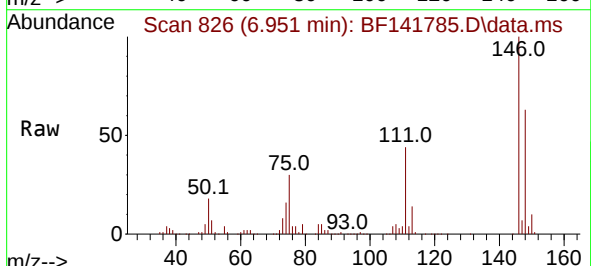
Tgt Ion:146 Resp: 221610

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

111 43.6 37.0 55.4

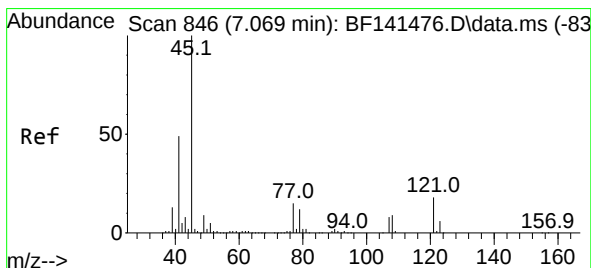
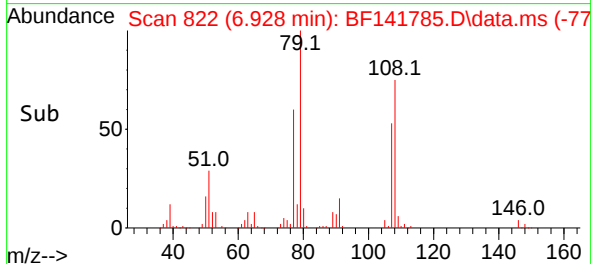
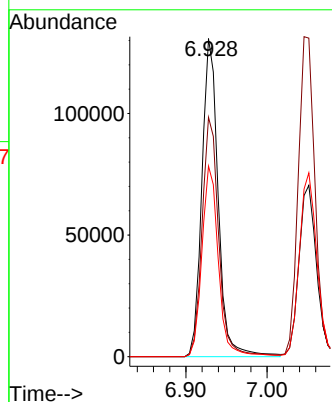
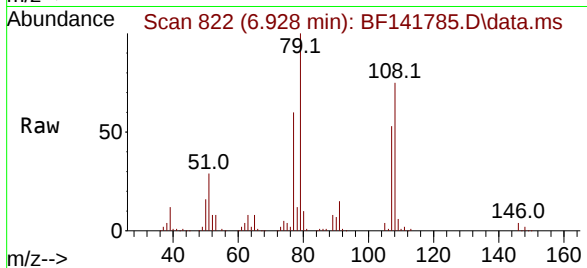




#15
Benzyl Alcohol
Concen: 39.417 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

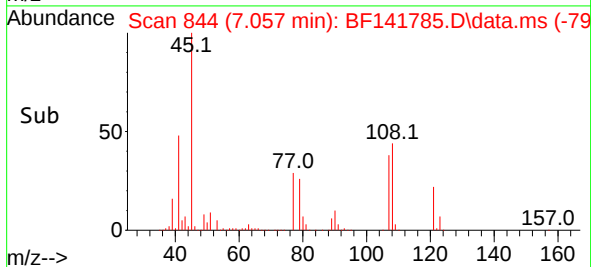
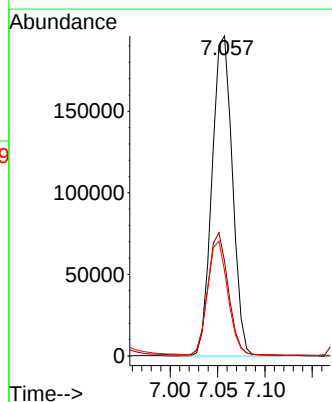
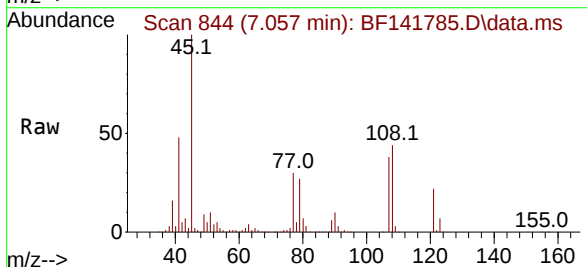
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

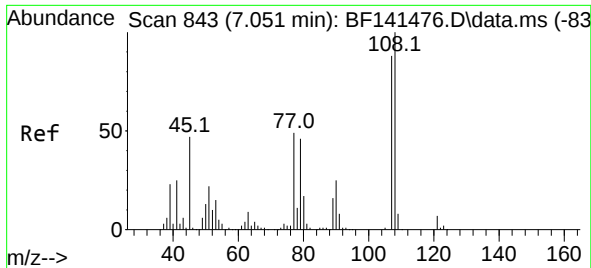
Tgt Ion: 79 Resp: 182856
Ion Ratio Lower Upper
79 100
108 75.2 57.4 86.2
77 59.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.247 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion: 45 Resp: 293439
Ion Ratio Lower Upper
45 100
77 29.7 0.0 35.8
79 26.7 0.0 32.7

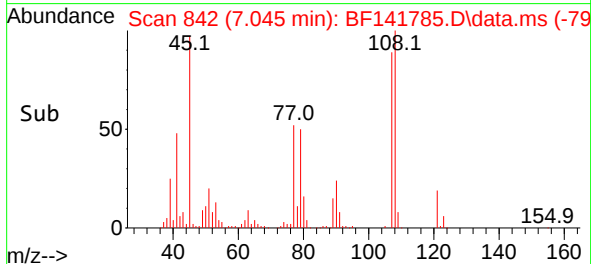
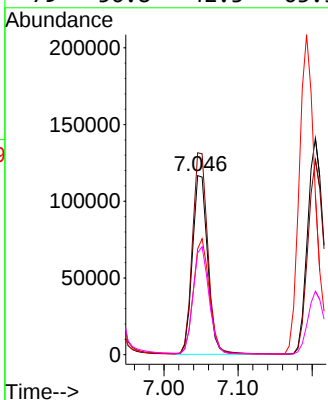
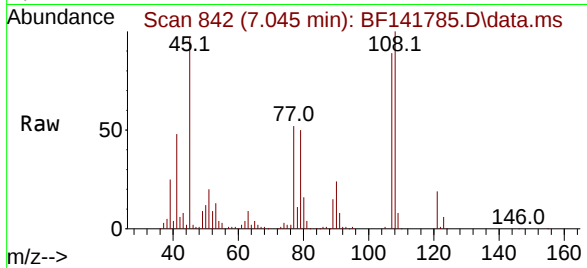




#17
2-Methylphenol
Concen: 41.183 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

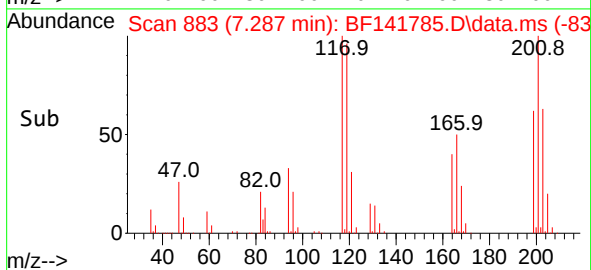
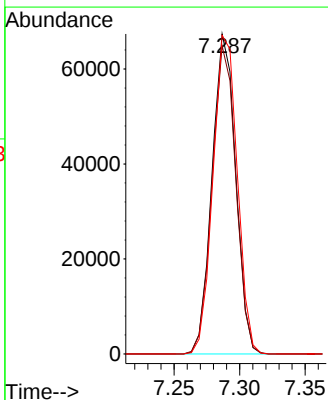
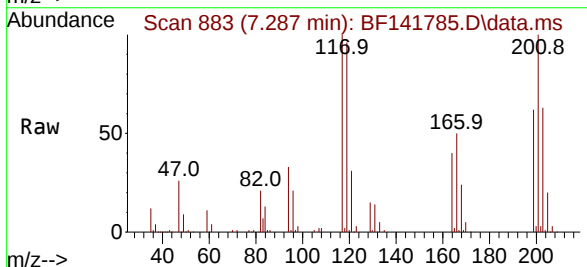
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

Tgt Ion:	107	Resp:	166674
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.6	136.0
77	59.0	44.4	66.6
79	56.8	42.3	63.5



#18
Hexachloroethane
Concen: 40.852 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:	117	Resp:	84339
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.5	114.7
201	99.6	76.7	115.1

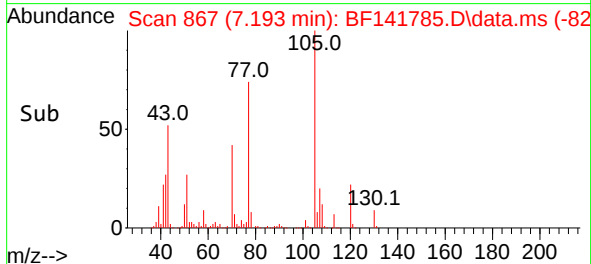
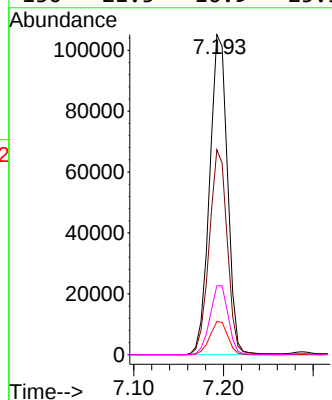
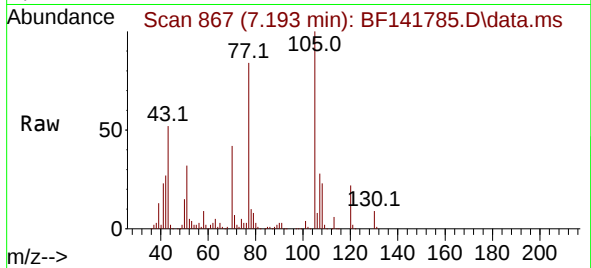




#19
n-Nitroso-di-n-propylamine
Concen: 40.301 ng
RT: 7.193 min Scan# 867
Delta R.T. -0.023 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

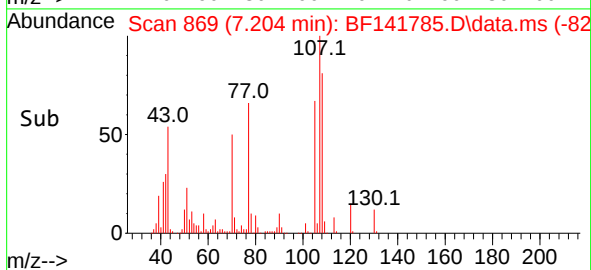
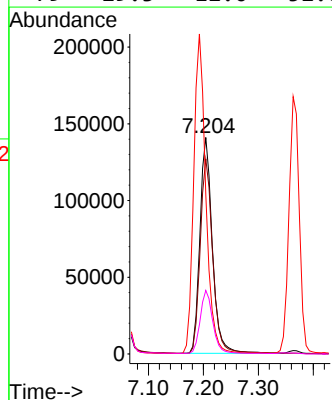
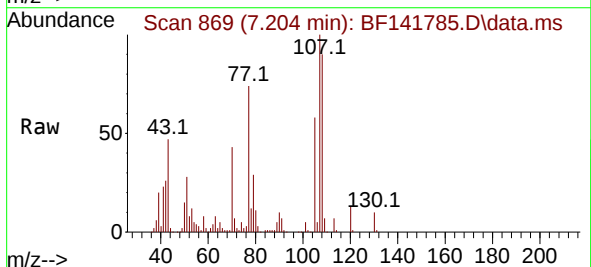
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

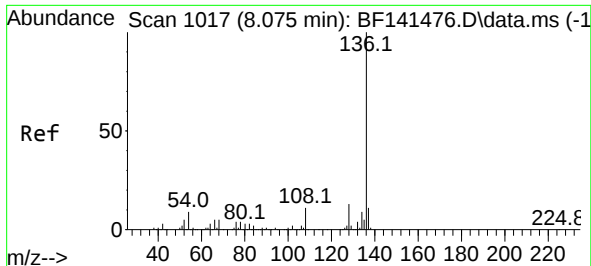
Tgt Ion: 70 Resp: 145832
Ion Ratio Lower Upper
70 100
42 64.0 57.4 86.2
101 10.3 8.0 12.0
130 21.5 16.9 25.3



#20
3+4-Methylphenols
Concen: 43.280 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:107 Resp: 222606
Ion Ratio Lower Upper
107 100
108 90.1 68.5 108.5
77 73.6 116.5 156.5#
79 29.3 12.0 52.0

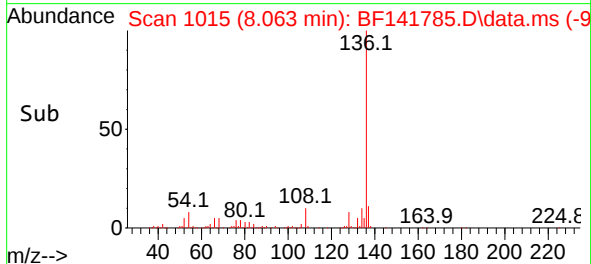
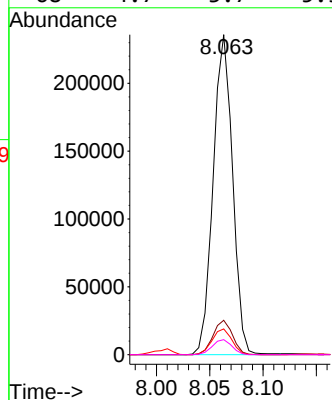
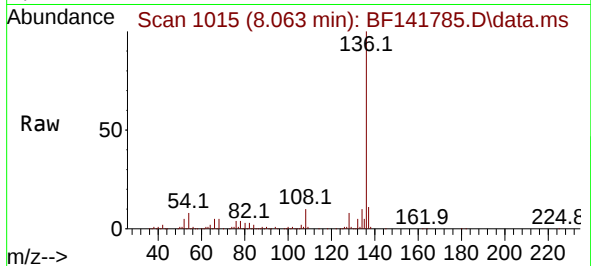




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

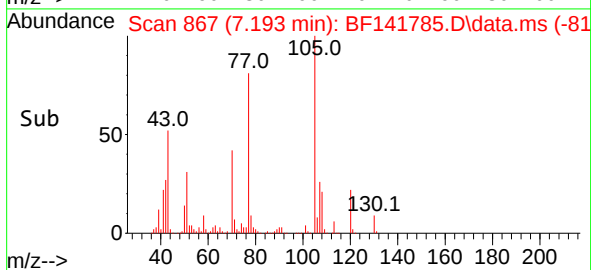
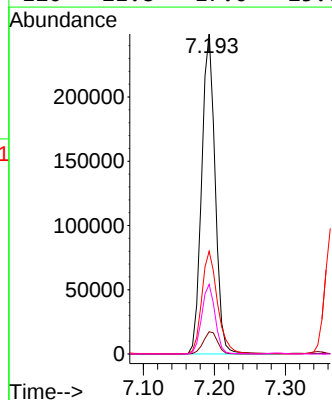
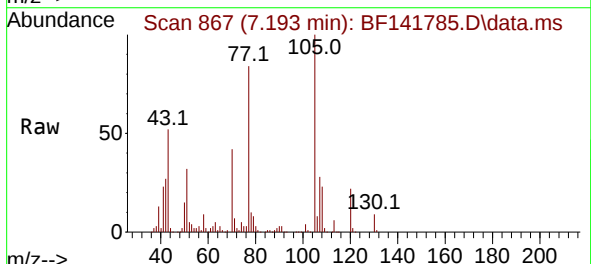
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

Tgt Ion:	136	Resp:	298435
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.1	7.2	10.8
68	4.7	3.7	5.5



#22
Acetophenone
Concen: 44.429 ng
RT: 7.193 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:	105	Resp:	329827
Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.7	8.5
51	32.1	33.7	50.5#
120	21.8	17.0	25.6





#23

Nitrobenzene-d5

Concen: 56.932 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

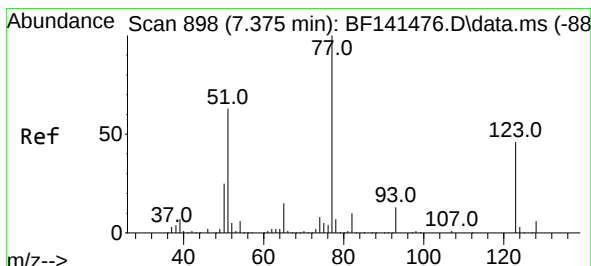
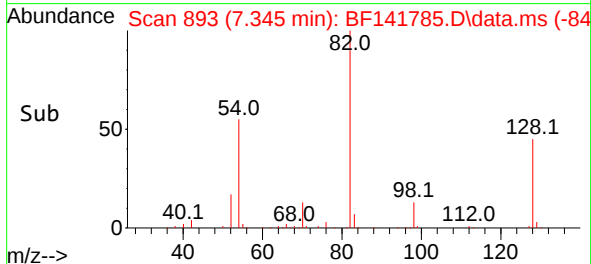
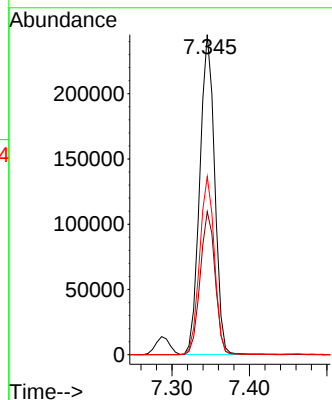
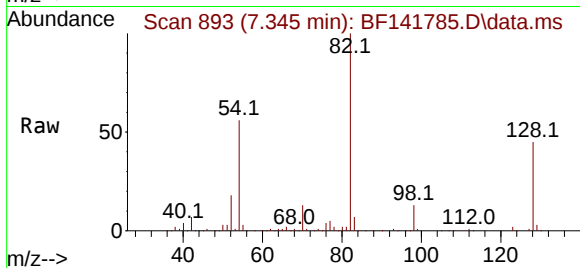
Tgt Ion: 82 Resp: 325749

Ion Ratio Lower Upper

82 100

128 44.7 34.8 52.2

54 55.7 48.2 72.4



#24

Nitrobenzene

Concen: 39.067 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

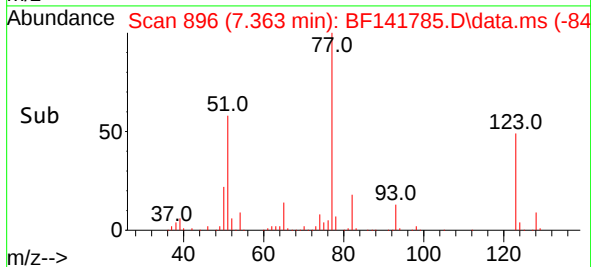
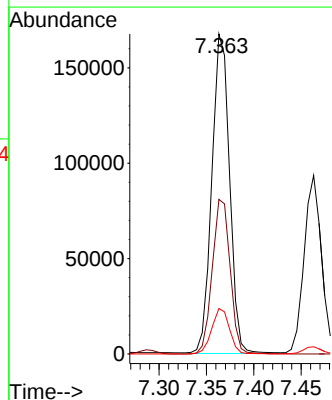
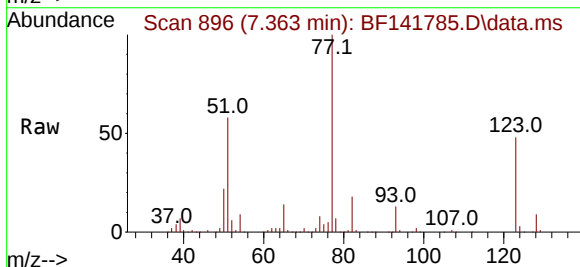
Tgt Ion: 77 Resp: 217972

Ion Ratio Lower Upper

77 100

123 48.3 36.9 55.3

65 14.2 11.9 17.9

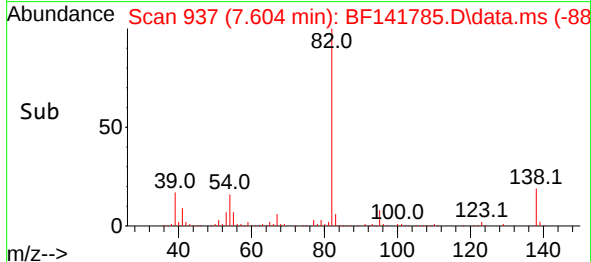
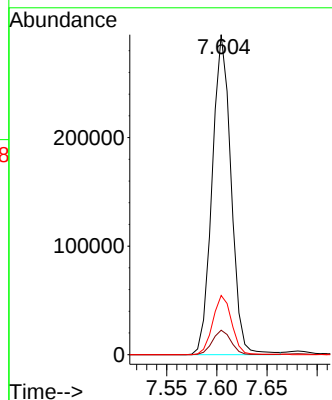
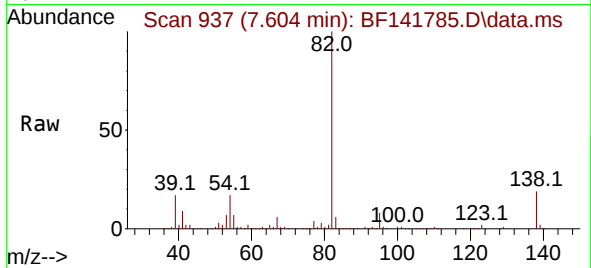




#25
Isophorone
Concen: 42.509 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

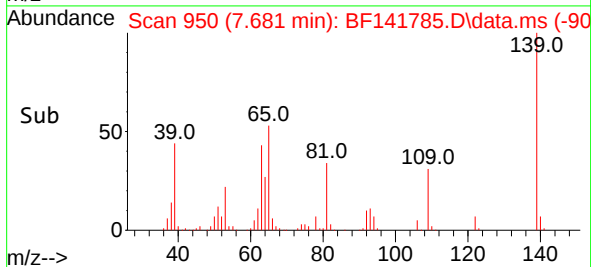
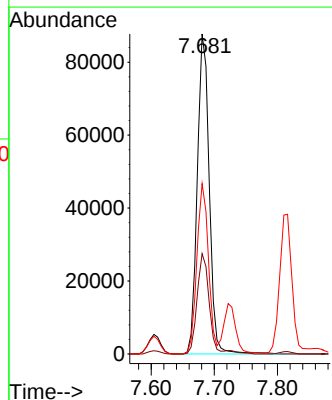
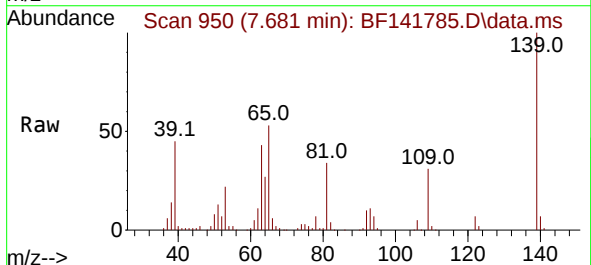
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

Tgt Ion: 82 Resp: 387811
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.5 13.9 20.9



#26
2-Nitrophenol
Concen: 41.458 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:139 Resp: 115080
Ion Ratio Lower Upper
139 100
109 31.4 27.0 40.6
65 53.2 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 52.961 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

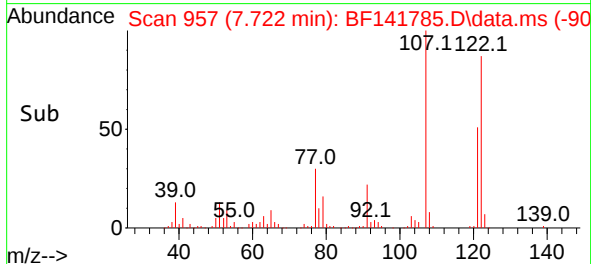
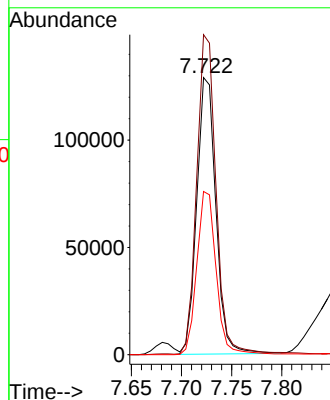
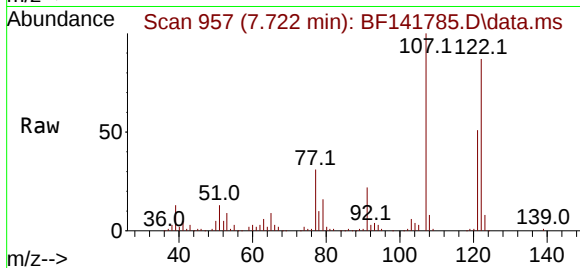
Tgt Ion:122 Resp: 171743

Ion Ratio Lower Upper

122 100

107 115.5 94.3 141.5

121 58.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.246 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

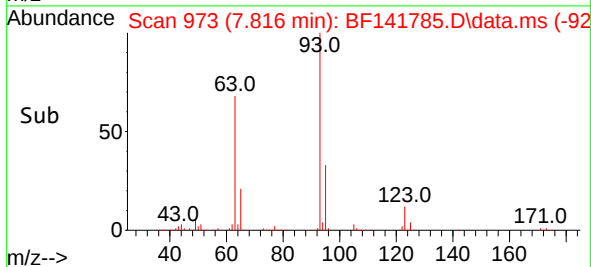
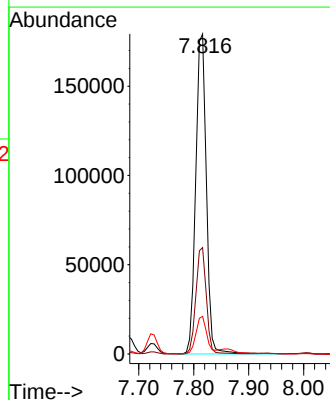
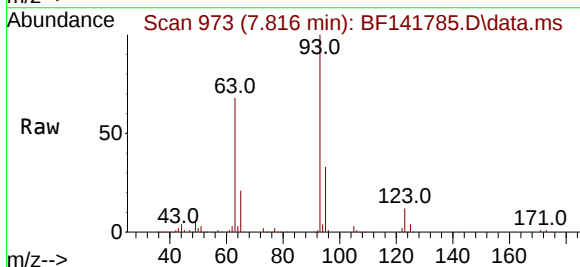
Tgt Ion: 93 Resp: 241119

Ion Ratio Lower Upper

93 100

95 33.3 26.1 39.1

123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.509 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

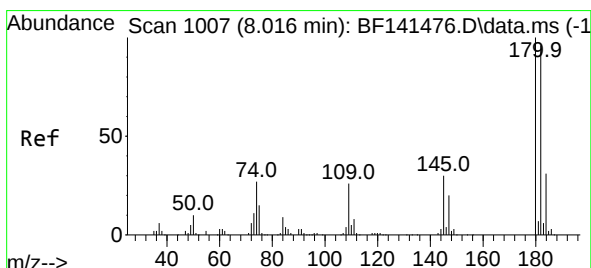
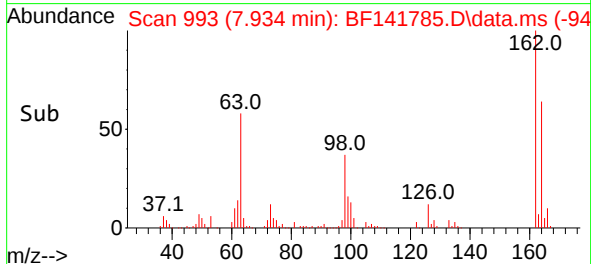
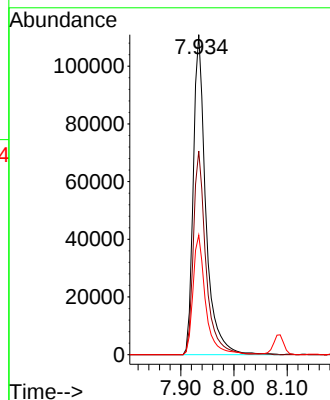
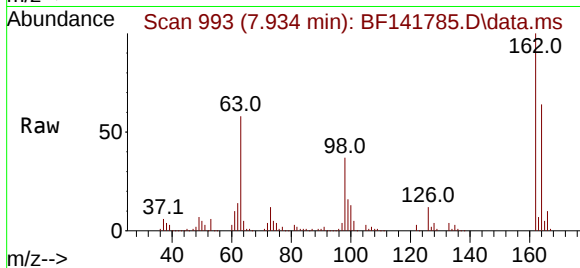
Tgt Ion:162 Resp: 181869

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

98 37.4 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 40.731 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

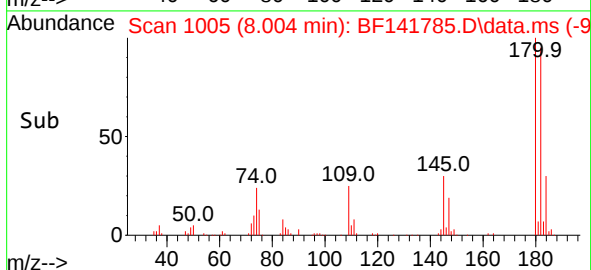
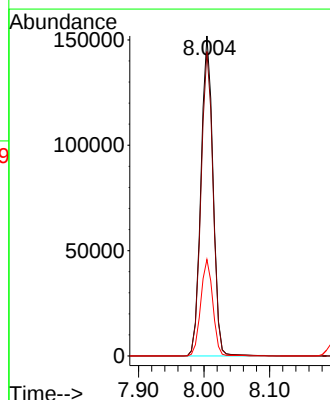
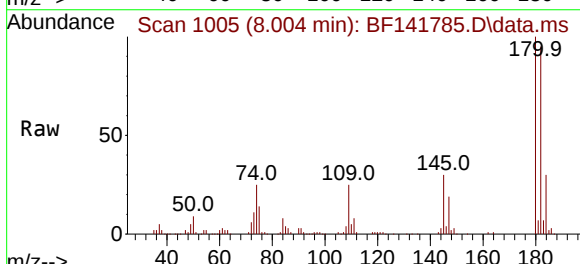
Tgt Ion:180 Resp: 194338

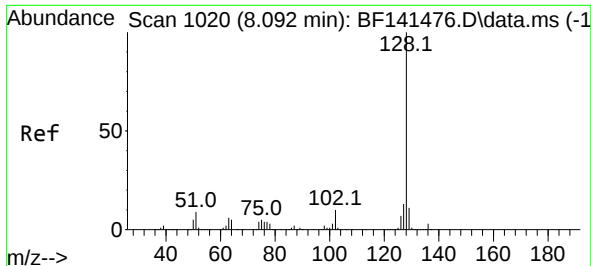
Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 30.2 24.2 36.4

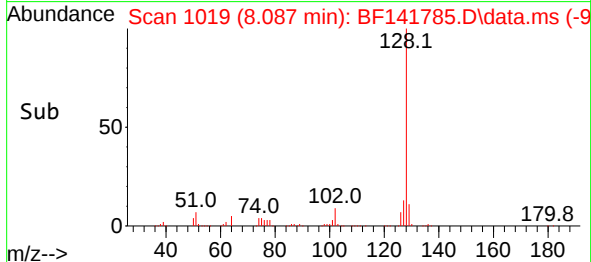
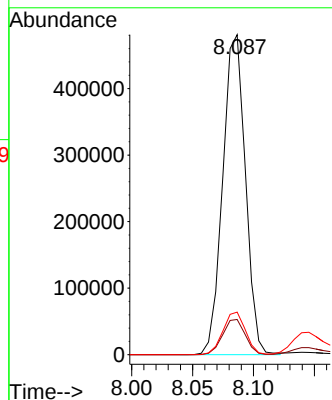
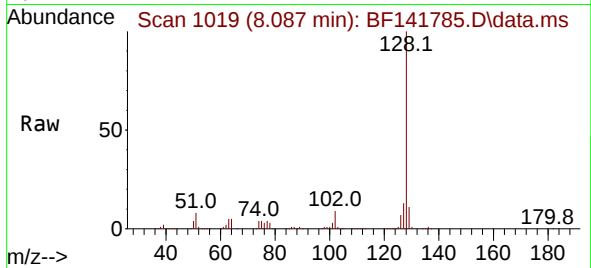




#31
Naphthalene
Concen: 40.173 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

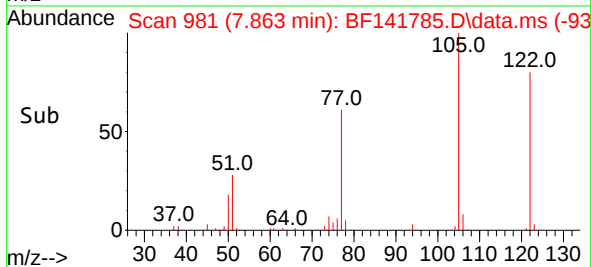
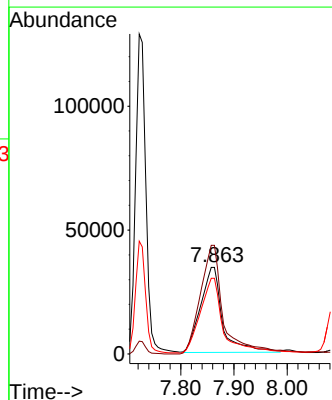
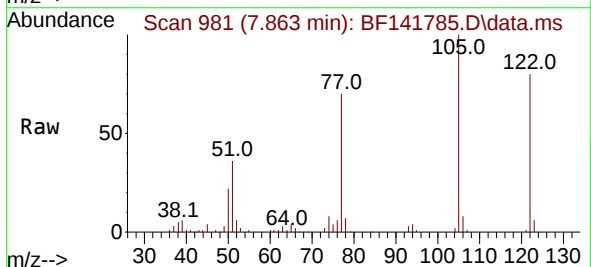
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

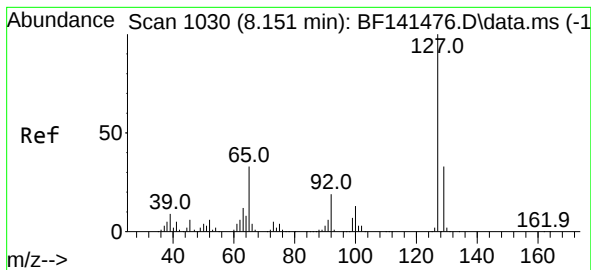
Tgt Ion:128 Resp: 624072
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 29.429 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:122 Resp: 99126
Ion Ratio Lower Upper
122 100
105 125.4 106.5 146.5
77 87.3 76.3 116.3





#33

4-Chloroaniline

Concen: 13.754 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

Tgt Ion:127 Resp: 74597

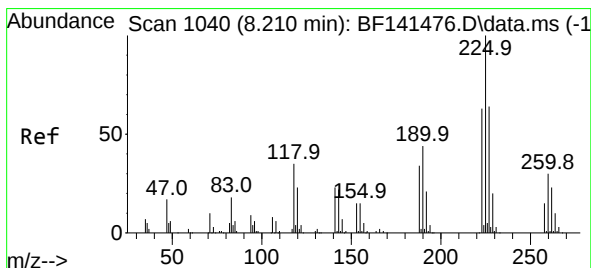
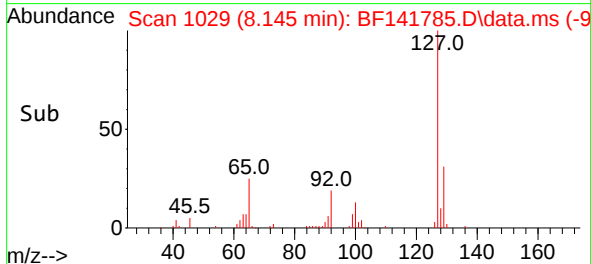
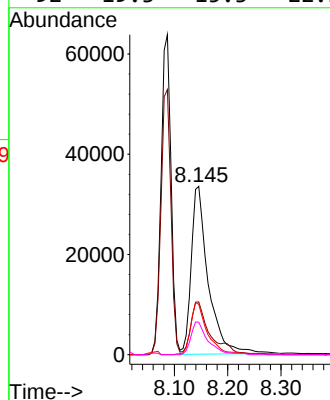
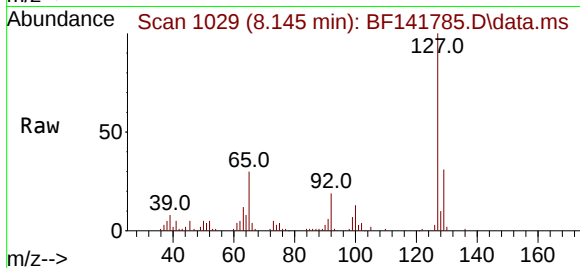
Ion Ratio Lower Upper

127 100

129 31.4 26.5 39.7

65 30.0 26.4 39.6

92 19.3 15.3 22.9



#34

Hexachlorobutadiene

Concen: 41.279 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

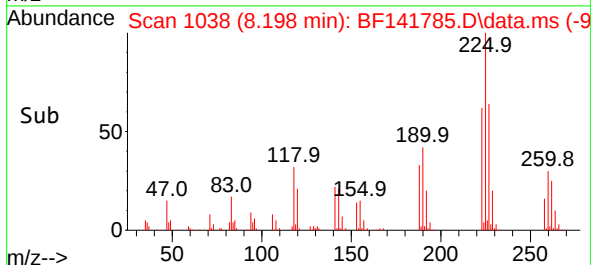
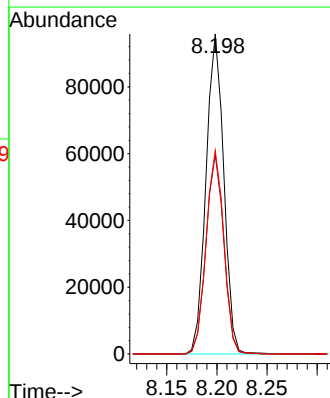
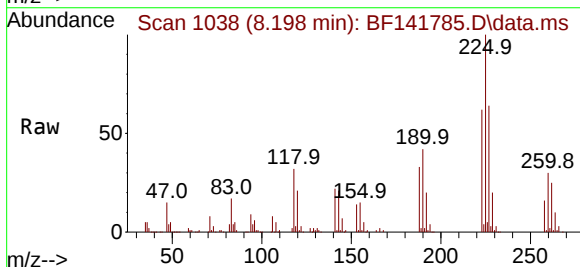
Tgt Ion:225 Resp: 118239

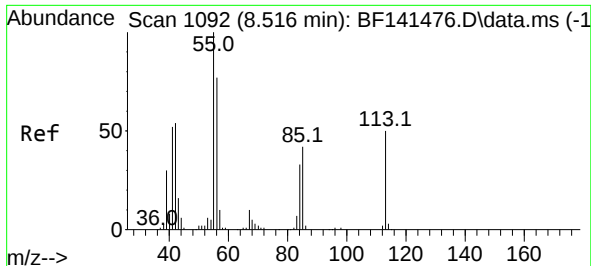
Ion Ratio Lower Upper

225 100

223 62.3 50.1 75.1

227 63.6 51.0 76.6

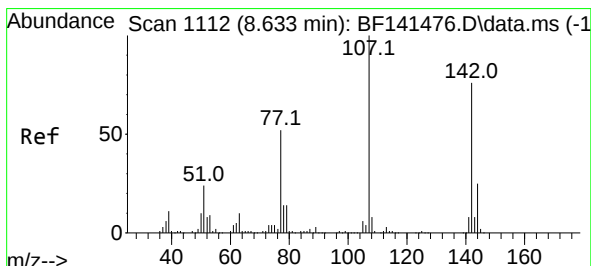
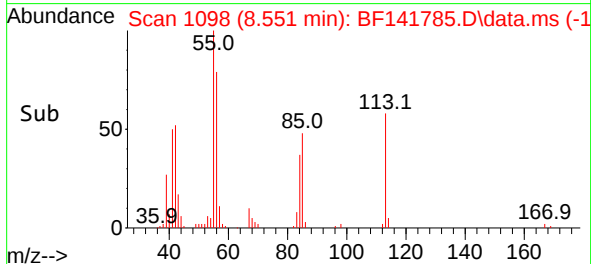
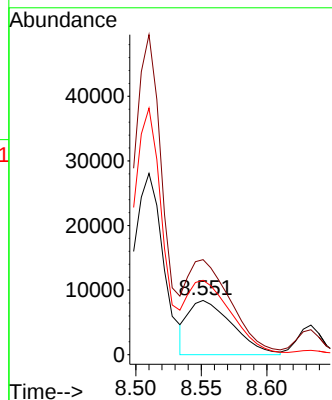
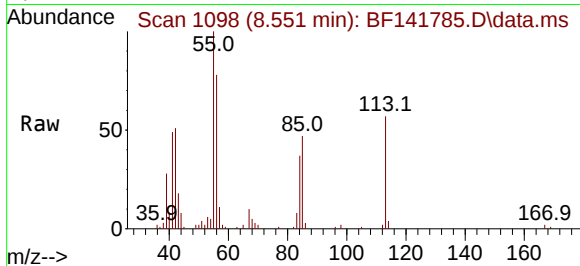




#35
 Caprolactam
 Concen: 14.747 ng
 RT: 8.551 min Scan# 1098
 Delta R.T. 0.006 min
 Lab File: BF141785.D
 Acq: 26 Feb 2025 16:28

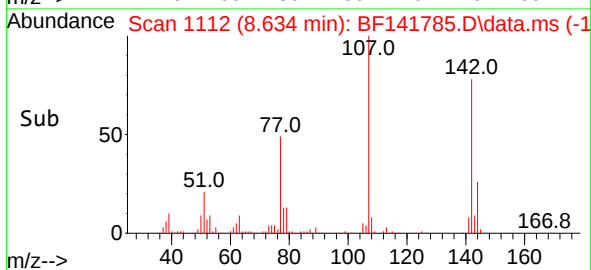
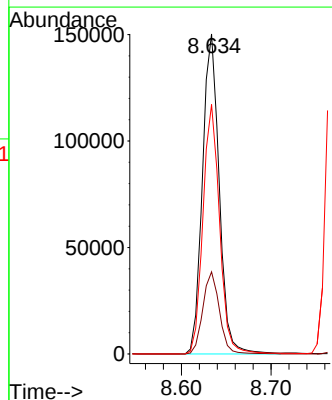
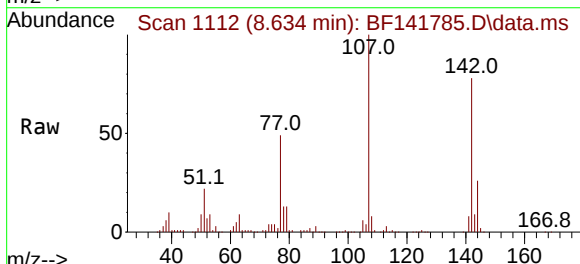
Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB01MSD

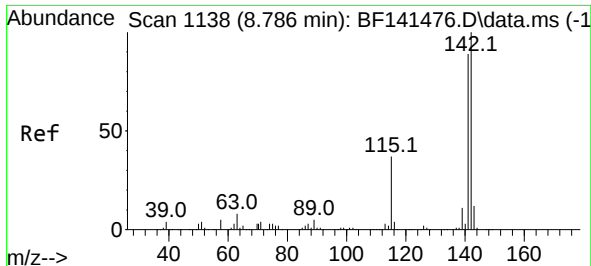
Tgt Ion:113 Resp: 19673
 Ion Ratio Lower Upper
 113 100
 55 175.0 180.8 220.8#
 56 137.2 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.189 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141785.D
 Acq: 26 Feb 2025 16:28

Tgt Ion:107 Resp: 195052
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.7 29.5
 142 77.9 60.8 91.2

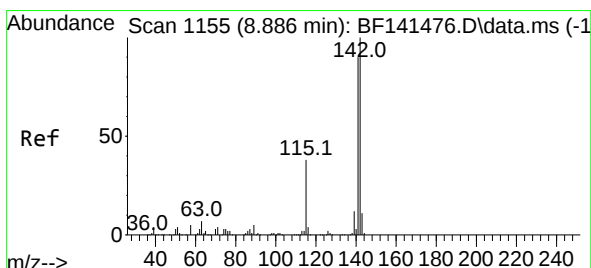
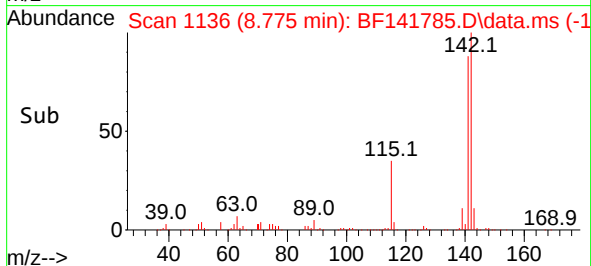
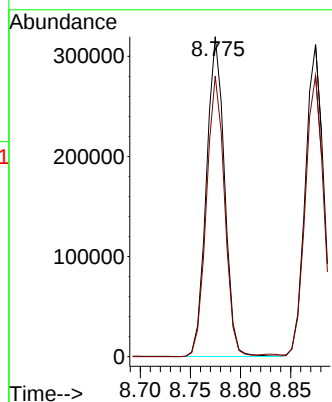
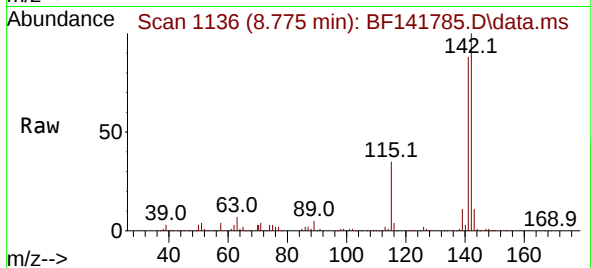




#37
2-Methylnaphthalene
Concen: 39.750 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

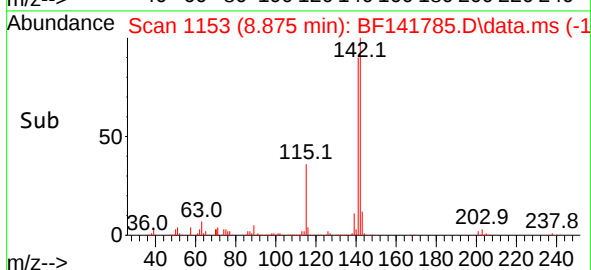
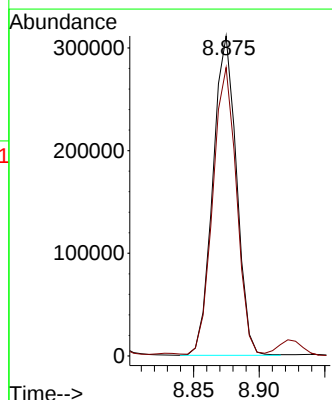
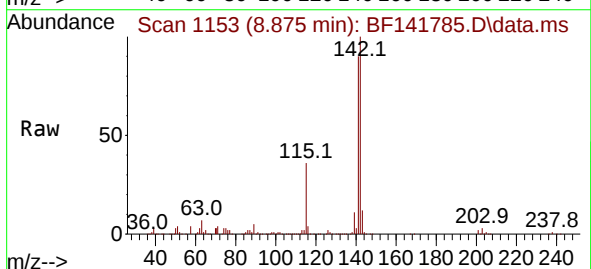
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

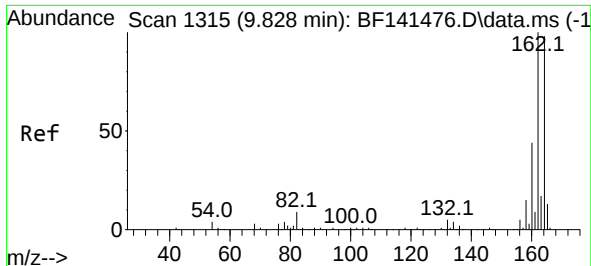
Tgt Ion:142 Resp: 401831
Ion Ratio Lower Upper
142 100
141 87.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 39.734 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:142 Resp: 389031
Ion Ratio Lower Upper
142 100
141 90.2 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: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

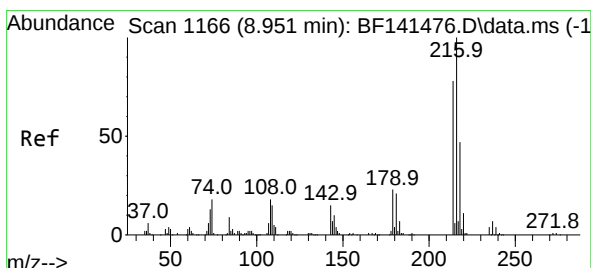
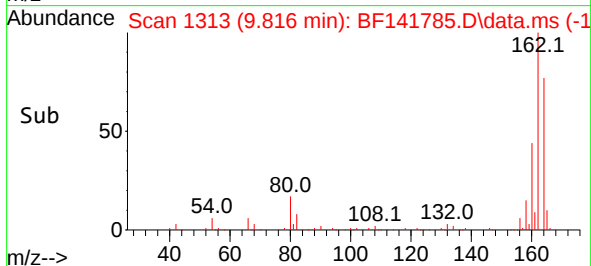
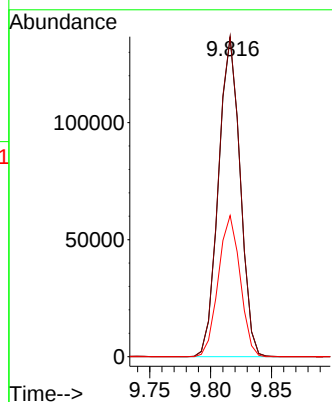
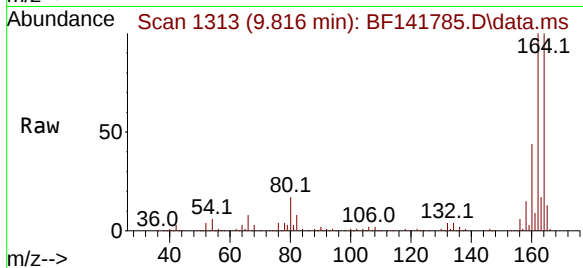
Tgt Ion:164 Resp: 168527

Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

160 44.2 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.007 ng

RT: 8.940 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Tgt Ion:216 Resp: 219439

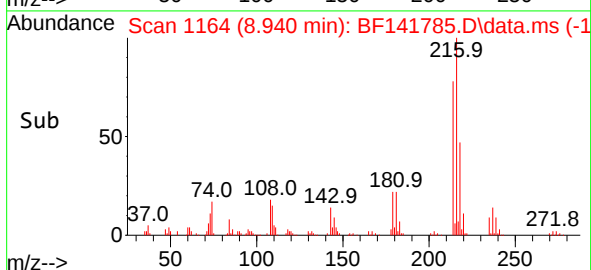
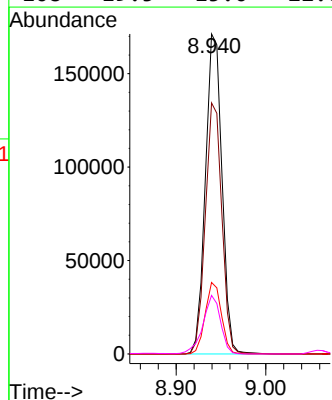
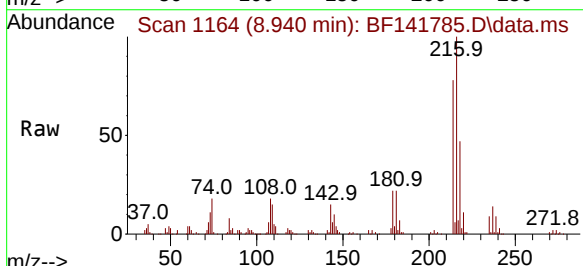
Ion Ratio Lower Upper

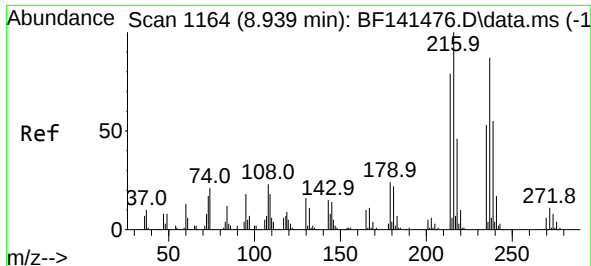
216 100

214 78.1 62.3 93.5

179 21.9 18.0 27.0

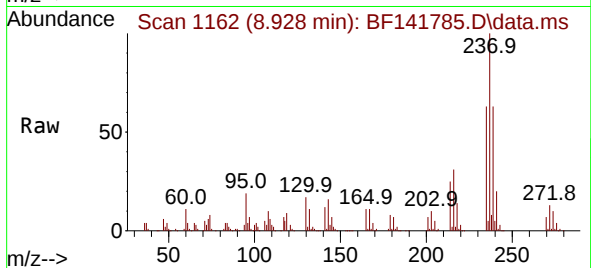
108 19.5 15.0 22.6



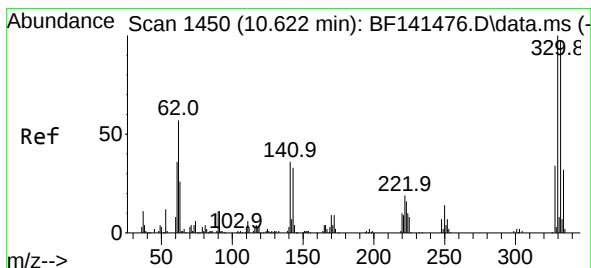
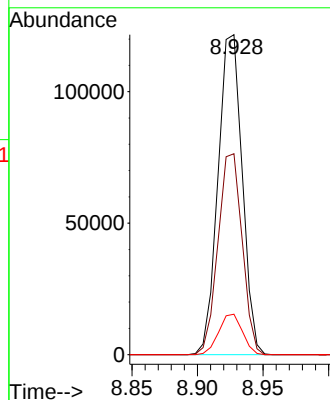
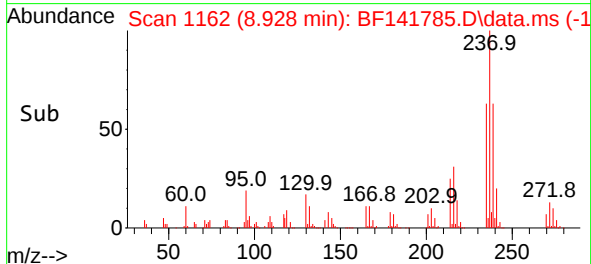


#41
Hexachlorocyclopentadiene
Concen: 96.225 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

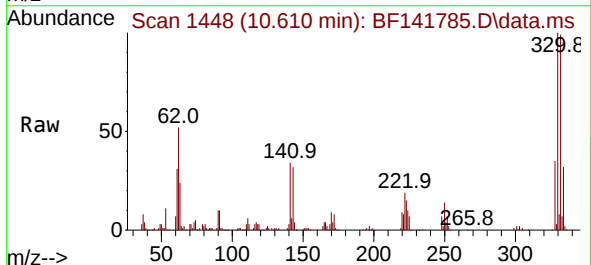
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD



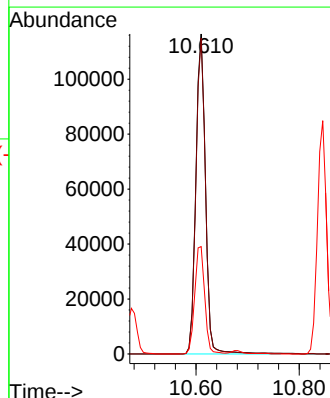
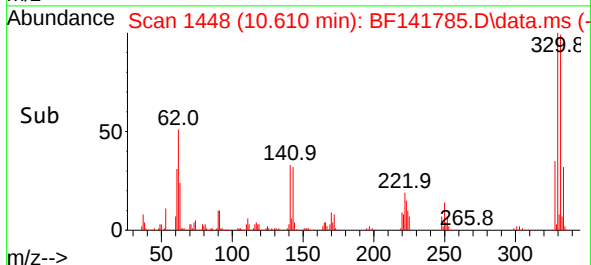
Tgt Ion:237 Resp: 156048
Ion Ratio Lower Upper
237 100
235 62.8 41.4 81.4
272 12.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 89.011 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28



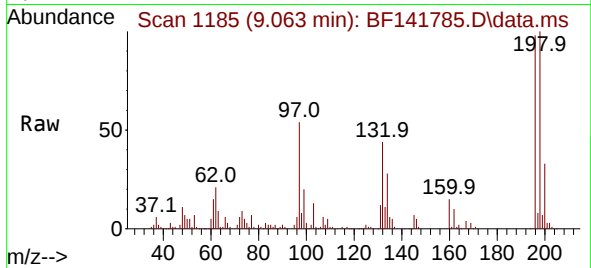
Tgt Ion:330 Resp: 150690
Ion Ratio Lower Upper
330 100
332 97.7 78.5 117.7
141 34.9 31.0 46.4



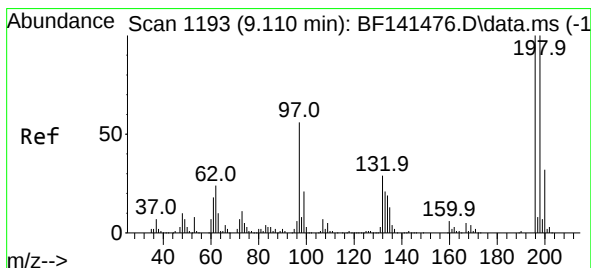
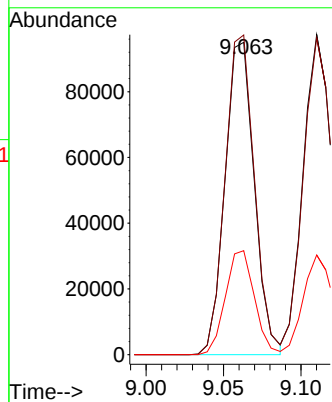
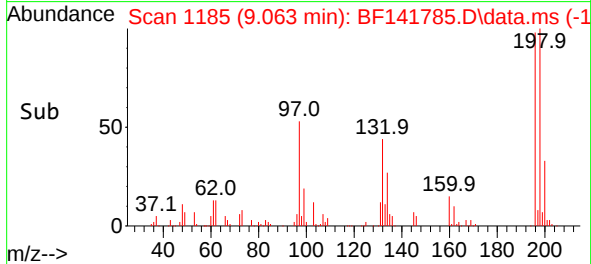


#43
2,4,6-Trichlorophenol
Concen: 39.784 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

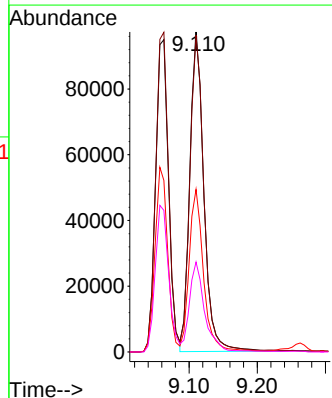
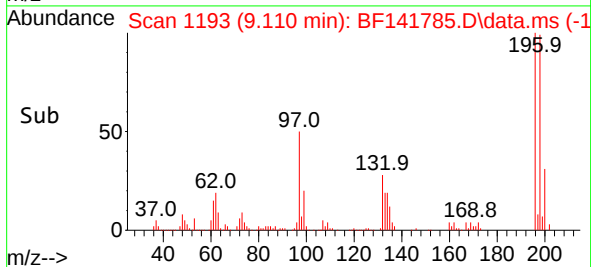
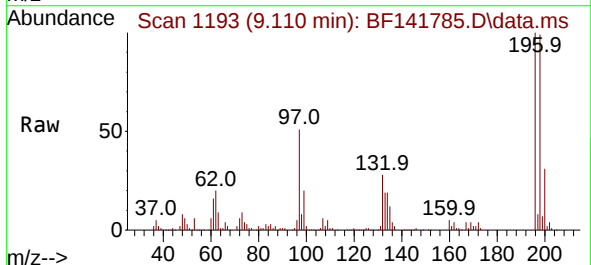


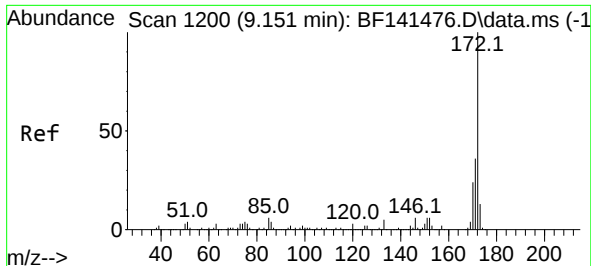
Tgt Ion:196 Resp: 125370
Ion Ratio Lower Upper
196 100
198 102.3 80.6 121.0
200 33.3 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 40.588 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:196 Resp: 138616
Ion Ratio Lower Upper
196 100
198 99.0 79.8 119.8
97 50.8 44.8 67.2
132 28.1 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 57.629 ng

RT: 9.134 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

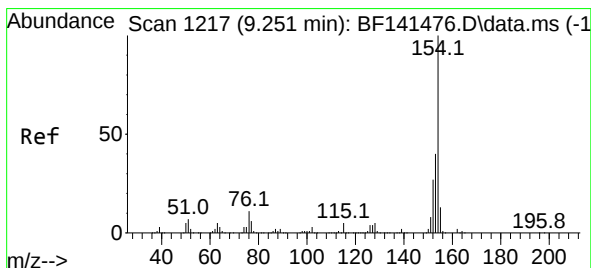
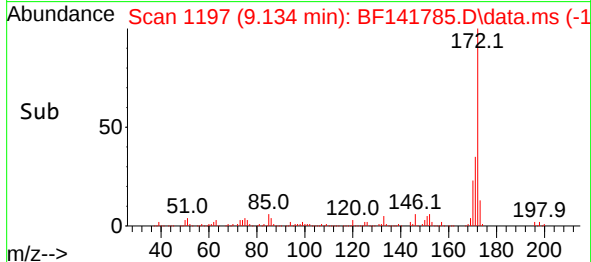
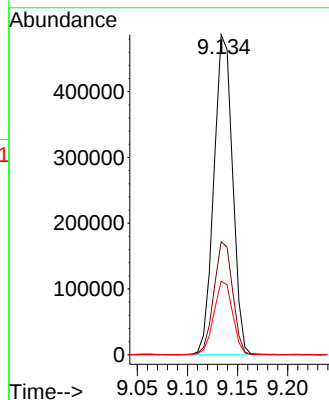
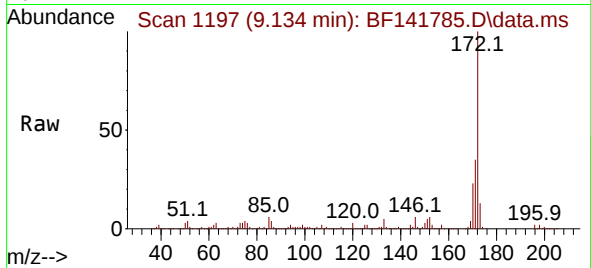
Tgt Ion:172 Resp: 630389

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 23.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 44.812 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.017 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

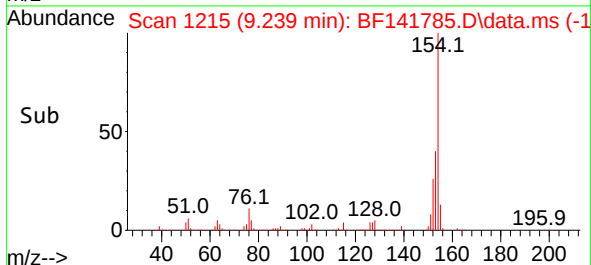
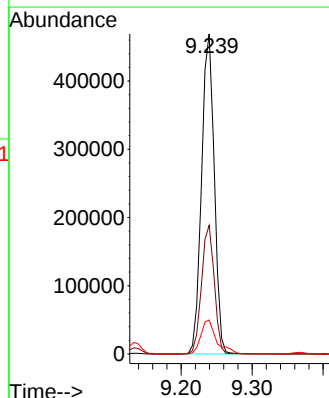
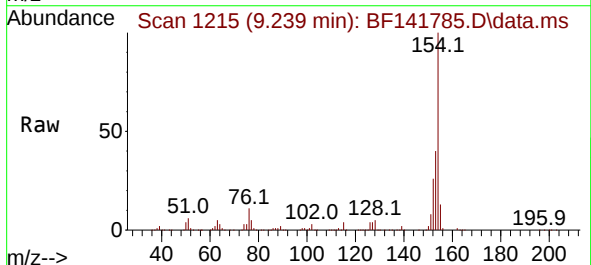
Tgt Ion:154 Resp: 585493

Ion Ratio Lower Upper

154 100

153 40.2 20.4 60.4

76 10.6 0.0 30.8

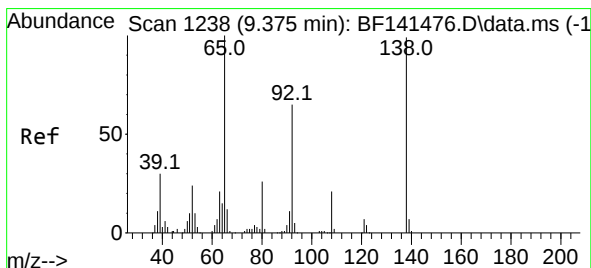
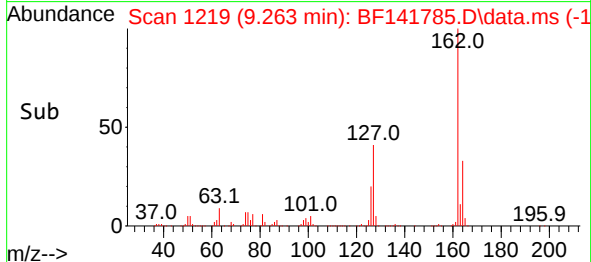
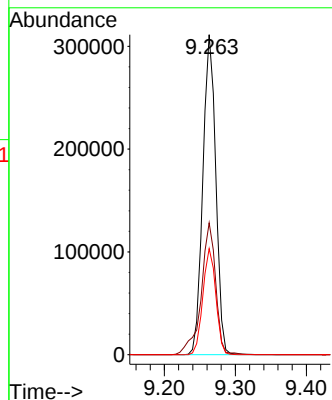
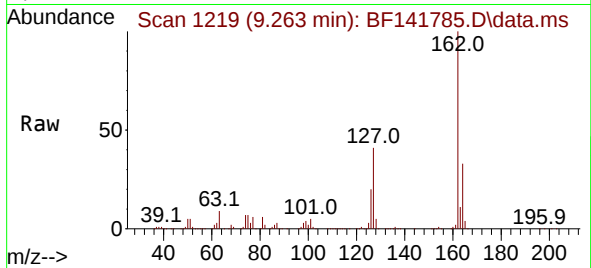




#47
2-Chloronaphthalene
Concen: 40.981 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

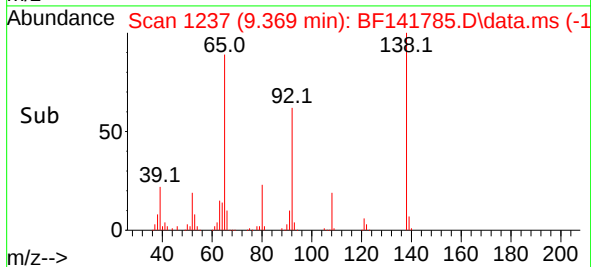
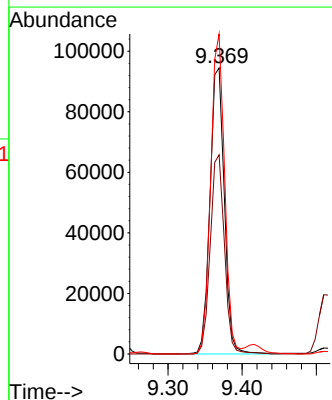
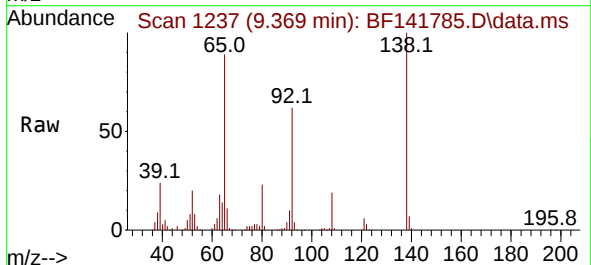
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

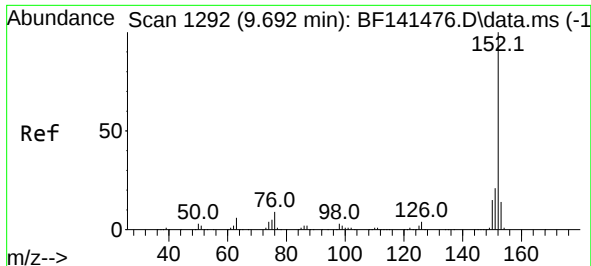
Tgt Ion:162 Resp: 395944
Ion Ratio Lower Upper
162 100
127 41.2 34.1 51.1
164 33.2 26.3 39.5



#48
2-Nitroaniline
Concen: 39.233 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion: 65 Resp: 127210
Ion Ratio Lower Upper
65 100
92 69.6 52.2 78.2
138 111.9 79.5 119.3





#49

Acenaphthylene

Concen: 42.566 ng

RT: 9.675 min Scan# 1289

Delta R.T. -0.017 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

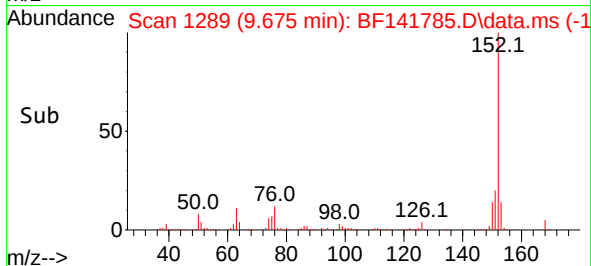
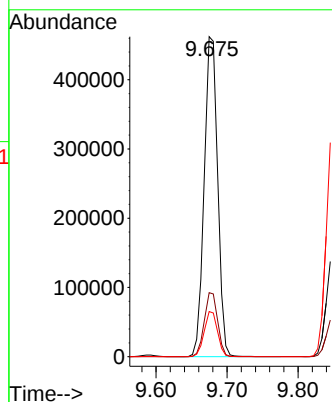
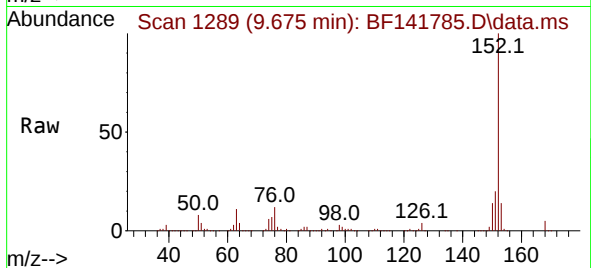
Tgt Ion:152 Resp: 611703

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 14.1 10.9 16.3



#50

Dimethylphthalate

Concen: 41.459 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

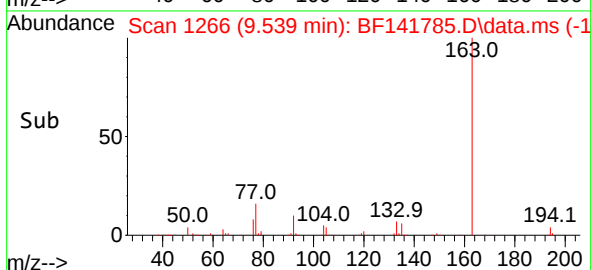
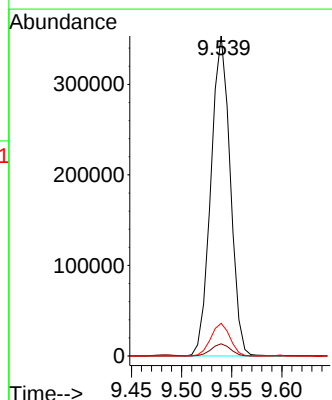
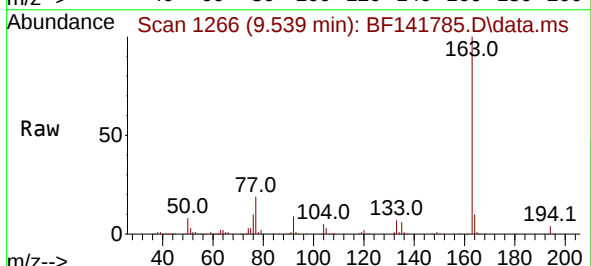
Tgt Ion:163 Resp: 474328

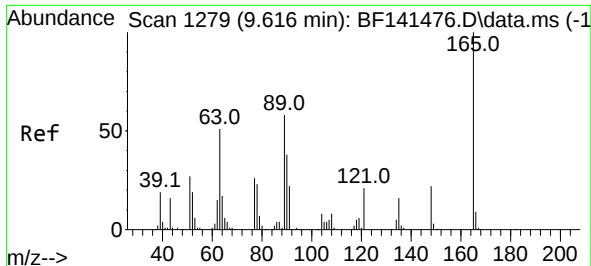
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9

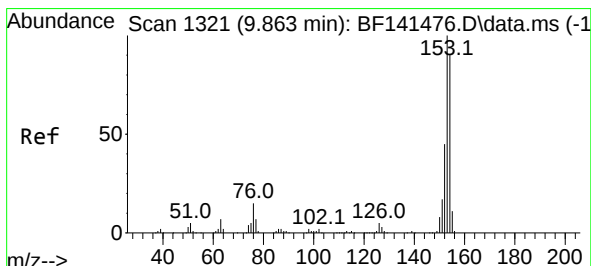
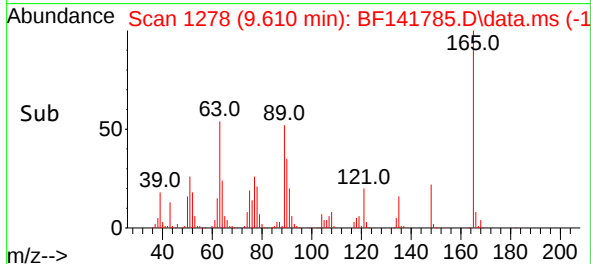
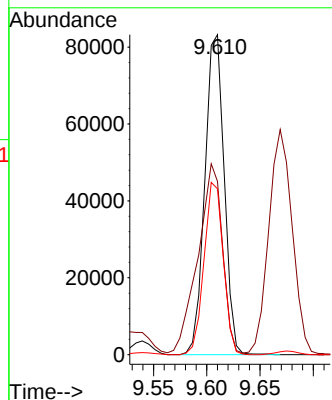
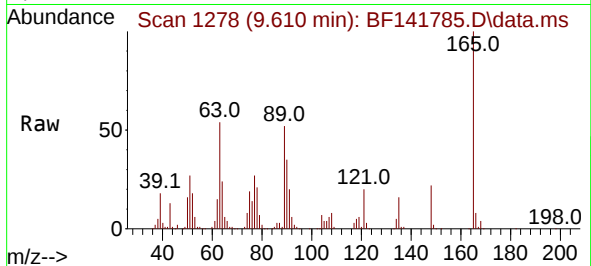




#51
2,6-Dinitrotoluene
Concen: 42.038 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

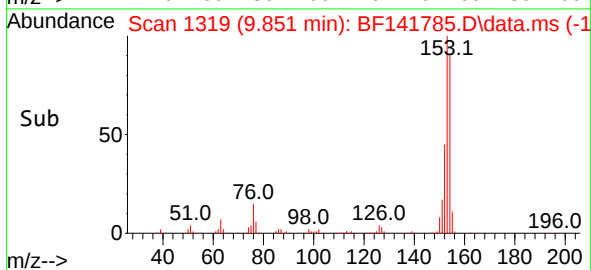
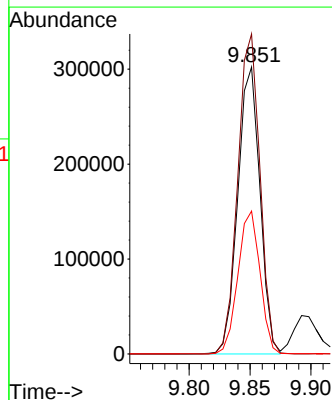
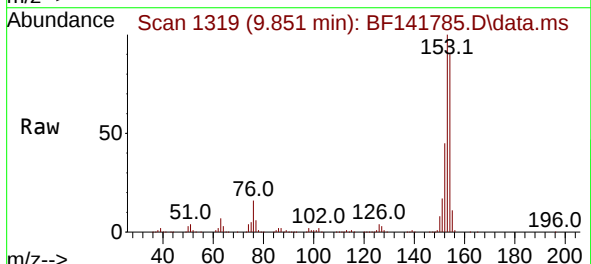
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

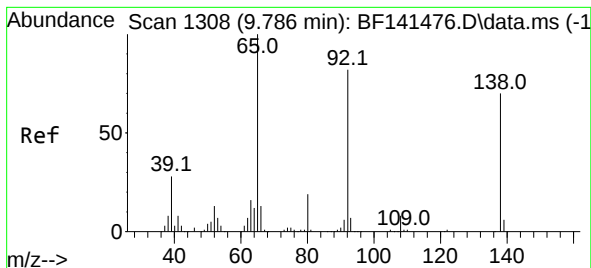
Tgt Ion:165 Resp: 105139
Ion Ratio Lower Upper
165 100
63 54.2 49.4 74.0
89 51.9 46.5 69.7



#52
Acenaphthene
Concen: 39.789 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:154 Resp: 384408
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 49.8 39.8 59.8





#53

3-Nitroaniline

Concen: 24.019 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

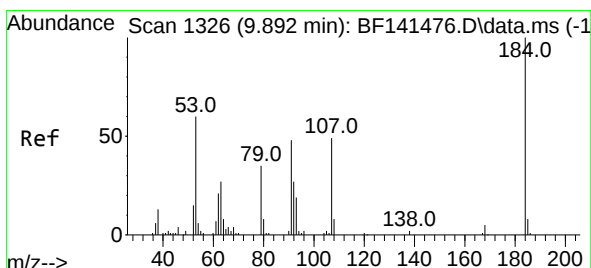
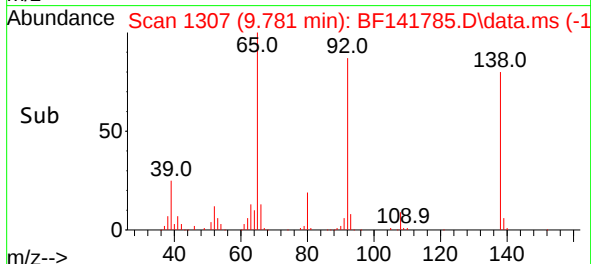
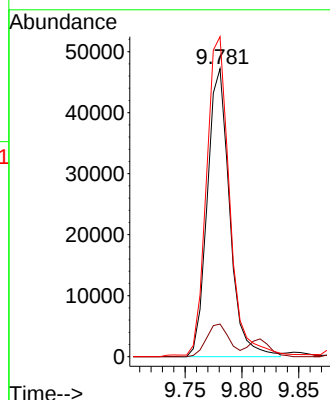
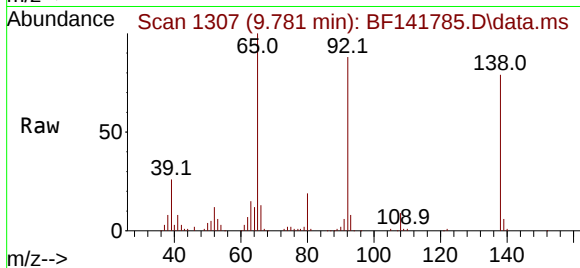
Tgt Ion:138 Resp: 64657

Ion Ratio Lower Upper

138 100

108 11.3 9.0 13.4

92 111.1 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 69.168 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

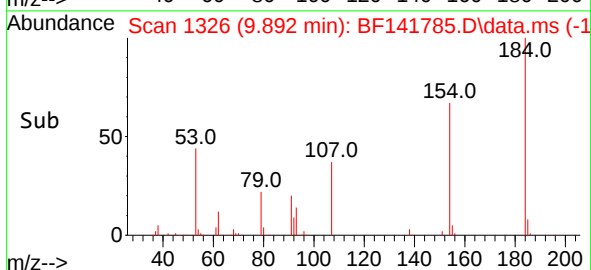
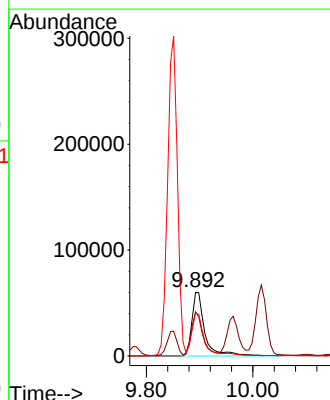
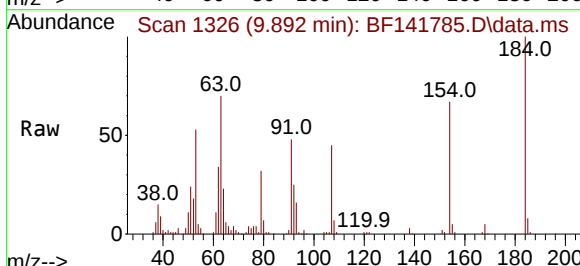
Tgt Ion:184 Resp: 102814

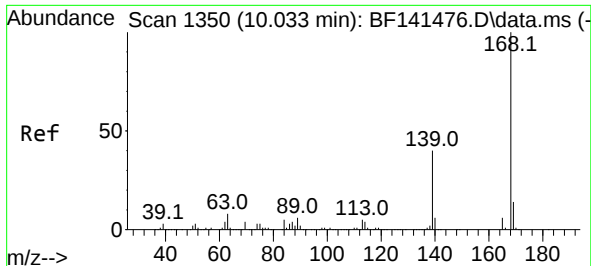
Ion Ratio Lower Upper

184 100

63 69.6 61.0 91.6

154 67.3 59.9 89.9

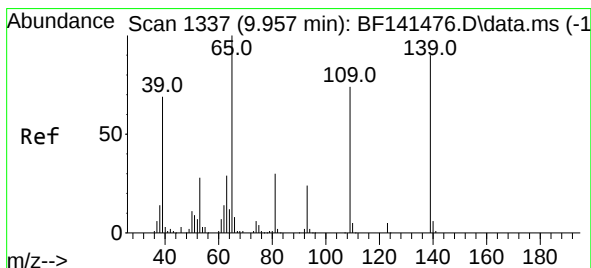
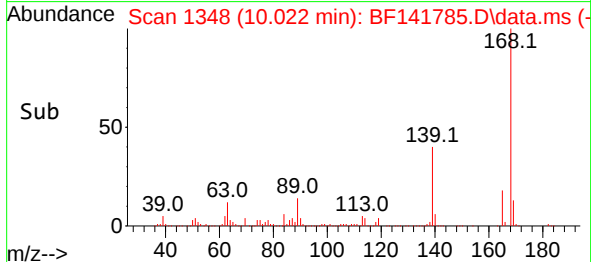
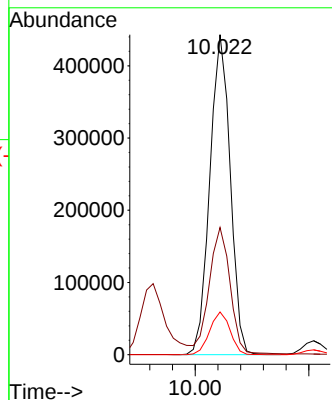
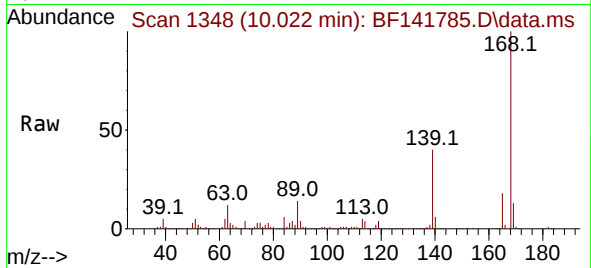




#55
Dibenzenofuran
Concen: 38.971 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

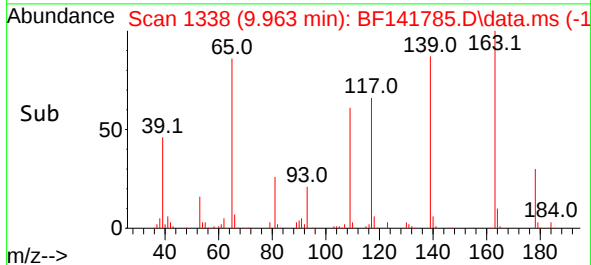
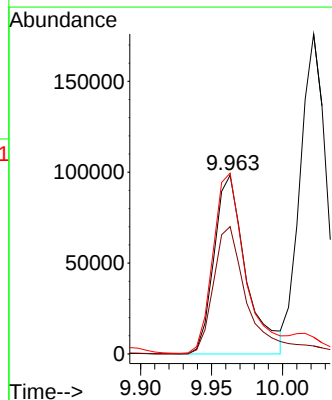
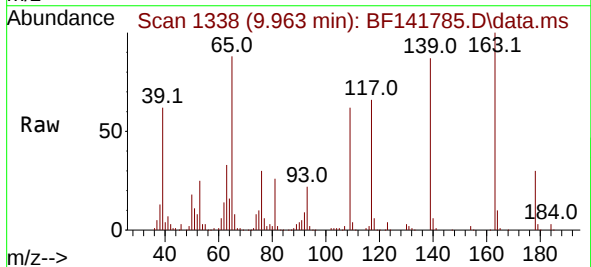
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

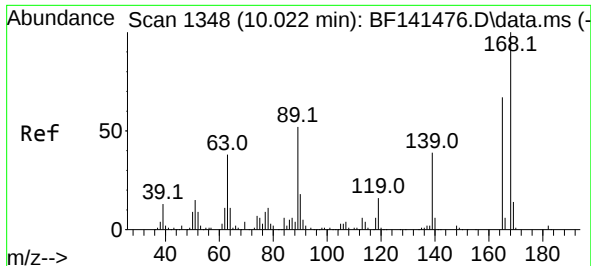
Tgt Ion:168 Resp: 552640
Ion Ratio Lower Upper
168 100
139 39.7 32.7 49.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 76.701 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:139 Resp: 153270
Ion Ratio Lower Upper
139 100
109 71.3 62.0 102.0
65 101.2 91.2 131.2

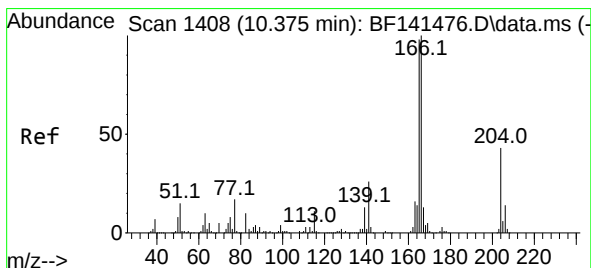
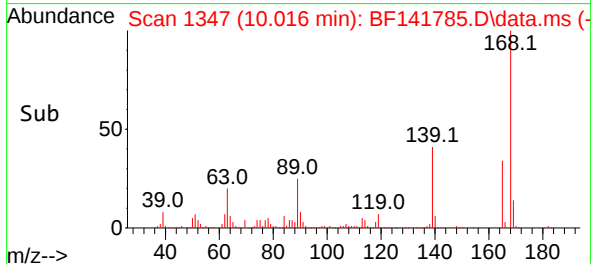
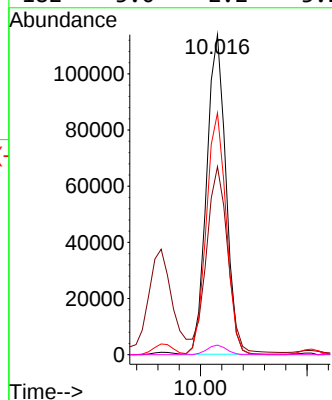
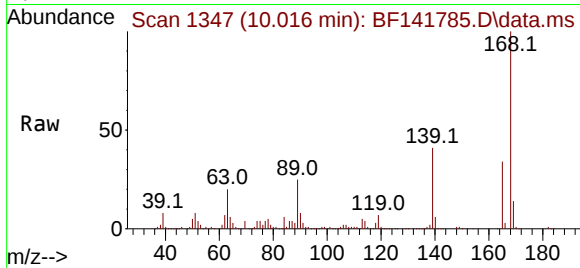




#57
2,4-Dinitrotoluene
Concen: 42.555 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

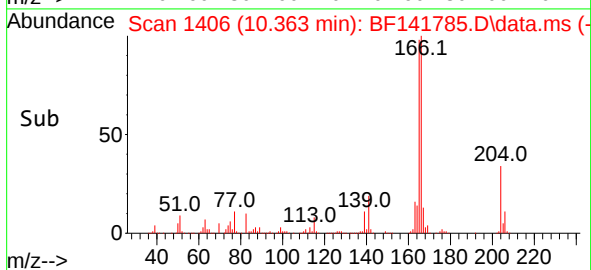
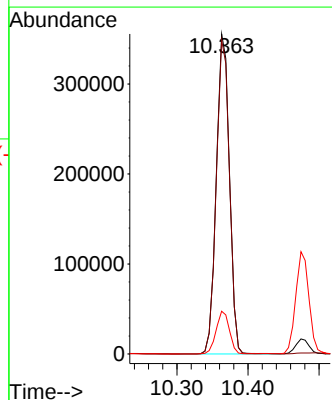
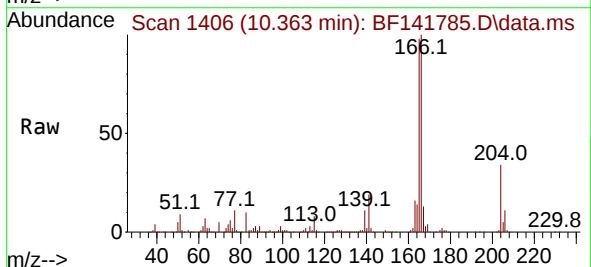
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

Tgt Ion:165 Resp: 141687
Ion Ratio Lower Upper
165 100
63 58.8 46.4 69.6
89 75.6 61.8 92.6
182 3.0 2.2 3.2



#58
Fluorene
Concen: 41.491 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:166 Resp: 454938
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 13.4 10.7 16.1

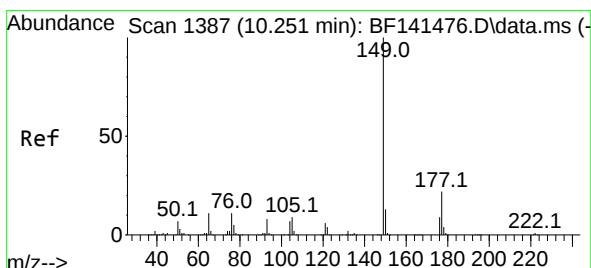
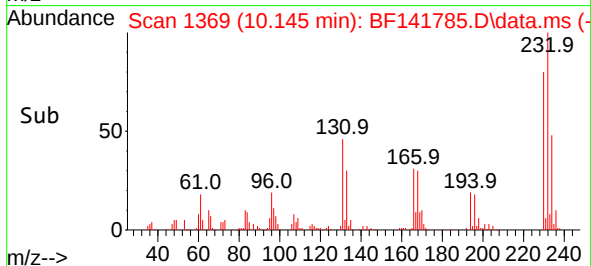
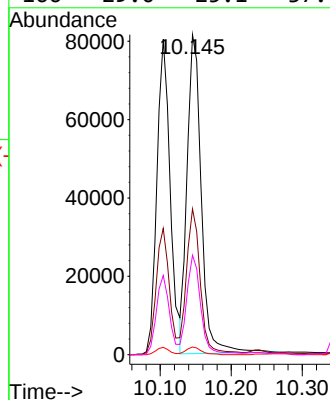
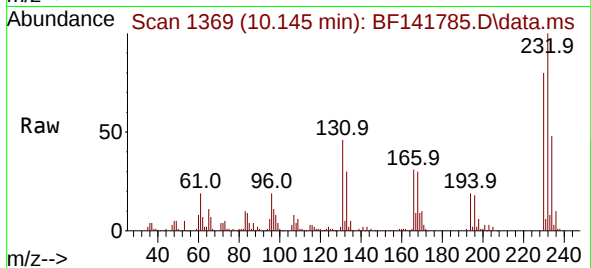




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.387 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

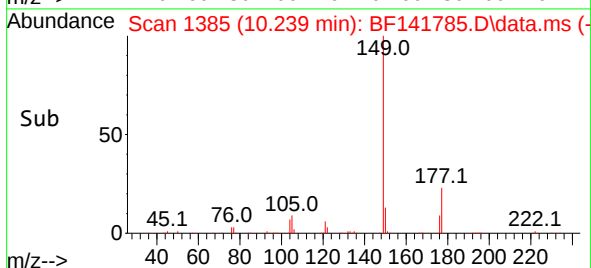
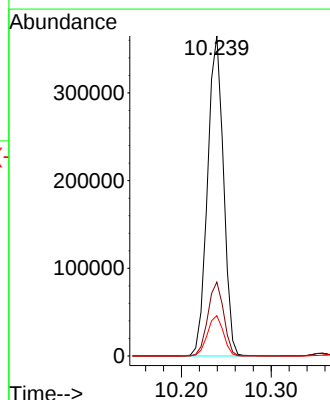
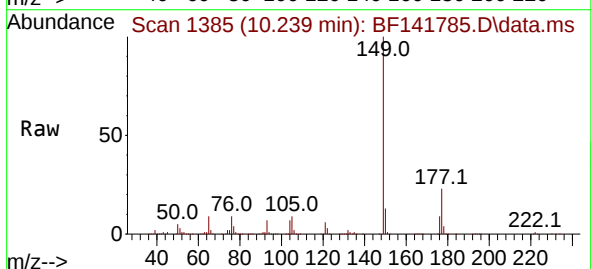
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

Tgt Ion:232 Resp: 112869
Ion Ratio Lower Upper
232 100
131 45.1 39.2 58.8
130 2.6 2.1 3.1
166 29.0 25.1 37.7



#60
Diethylphthalate
Concen: 39.987 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:149 Resp: 450114
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.6
150 12.6 10.1 15.1

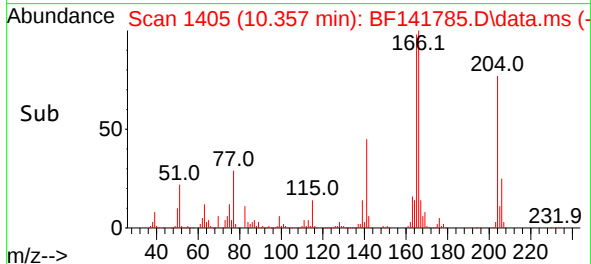
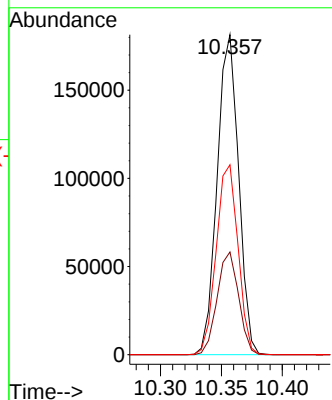
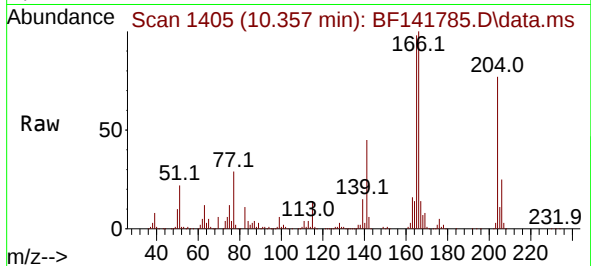




#61
4-Chlorophenyl-phenylether
Concen: 42.187 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

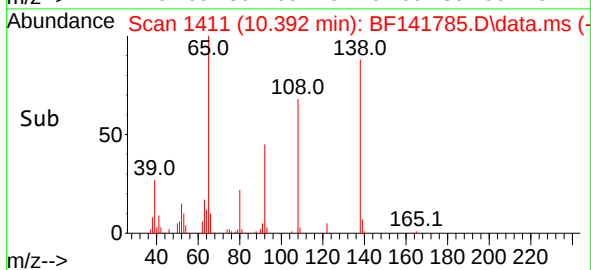
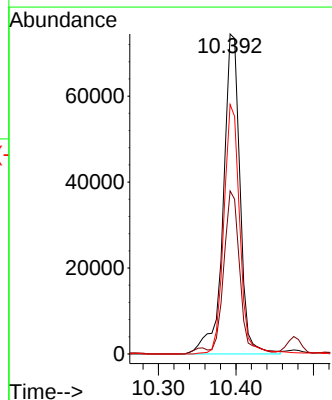
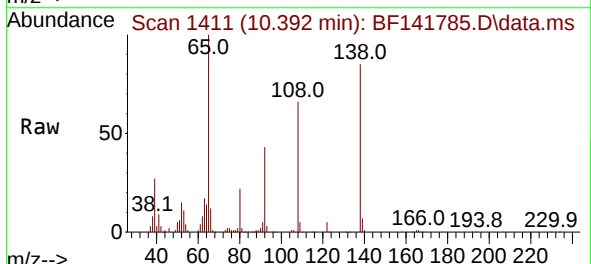
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

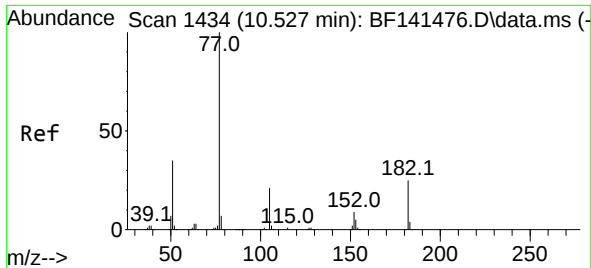
Tgt Ion:204 Resp: 222533
Ion Ratio Lower Upper
204 100
206 32.1 26.6 40.0
141 59.3 51.9 77.9



#62
4-Nitroaniline
Concen: 40.933 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:138 Resp: 111886
Ion Ratio Lower Upper
138 100
92 50.9 31.3 71.3
108 78.0 63.7 103.7

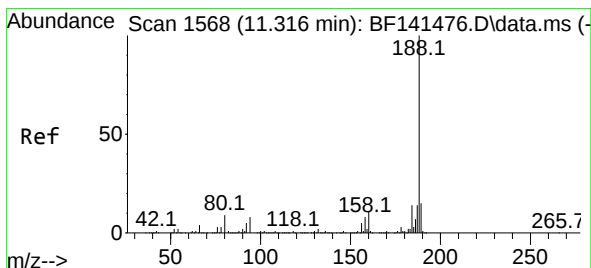
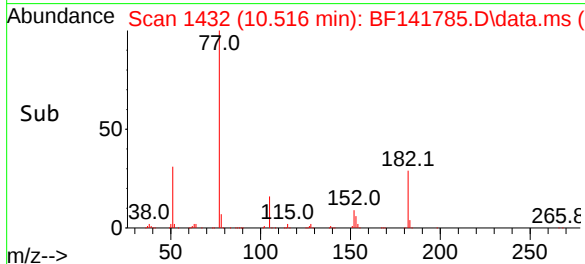
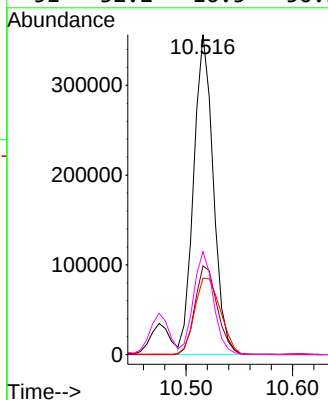
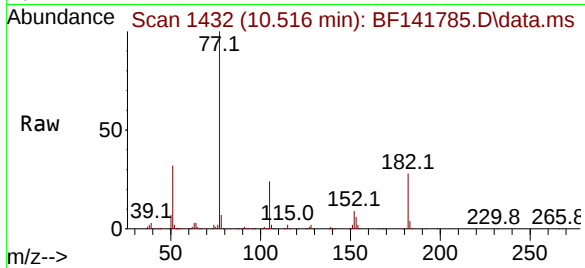




#63
Azobenzene
Concen: 40.760 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

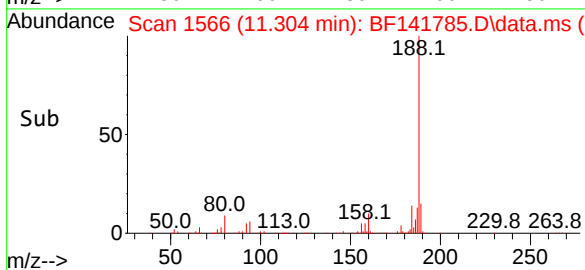
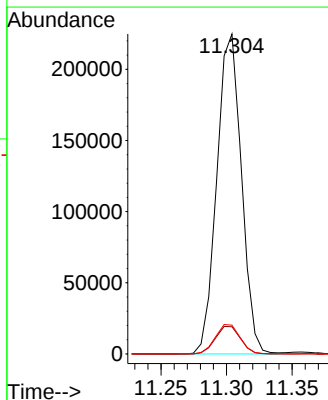
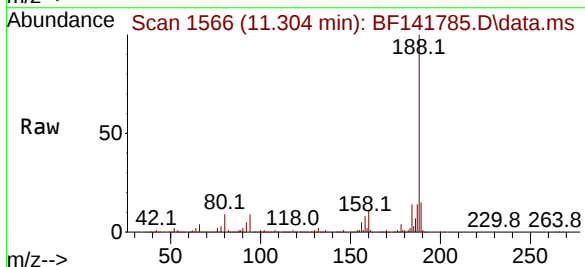
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

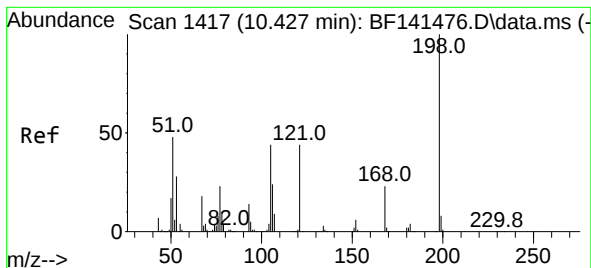
Tgt Ion: 77	Resp: 456115
Ion Ratio	Lower Upper
77 100	
182 27.8	4.7 44.7
105 23.9	0.4 40.4
51 32.2	16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:188	Resp: 293184
Ion Ratio	Lower Upper
188 100	
94 8.5	6.6 10.0
80 9.0	7.3 10.9

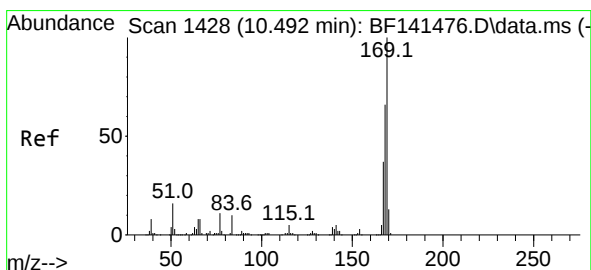
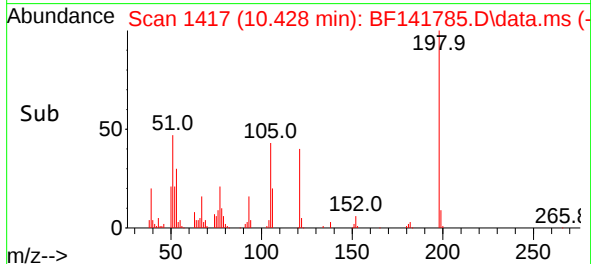
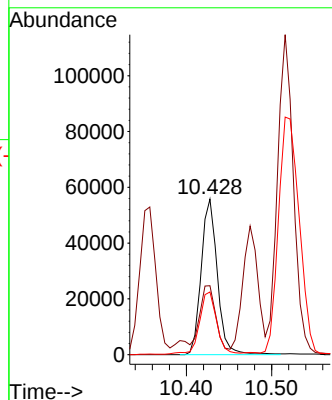
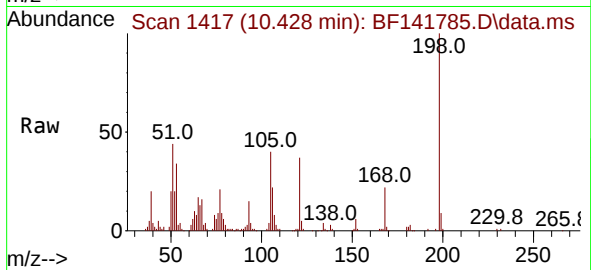




#65
4,6-Dinitro-2-methylphenol
Concen: 36.223 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

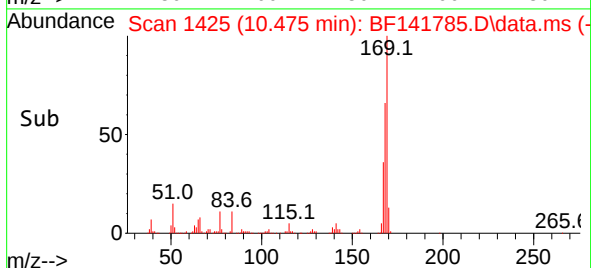
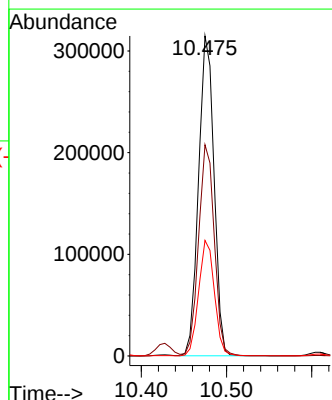
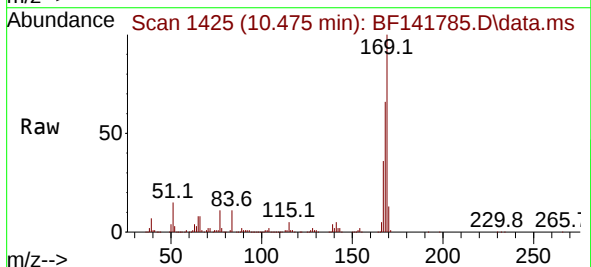
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

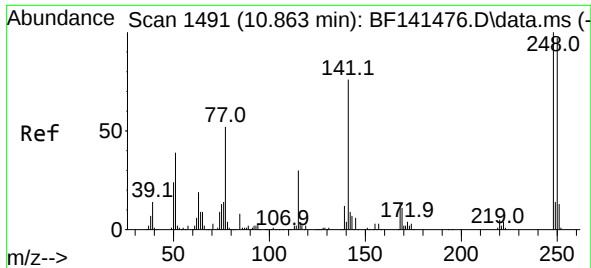
Tgt Ion:198 Resp: 73772
Ion Ratio Lower Upper
198 100
51 44.3 37.4 77.4
105 40.4 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 42.212 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:169 Resp: 396168
Ion Ratio Lower Upper
169 100
168 66.0 53.3 79.9
167 36.1 29.4 44.2

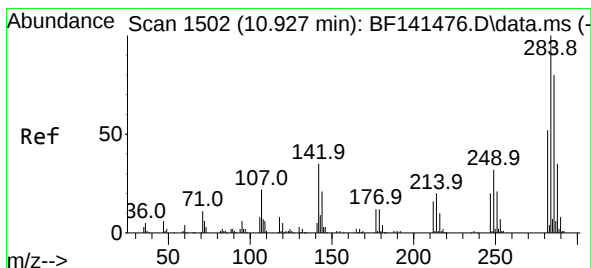
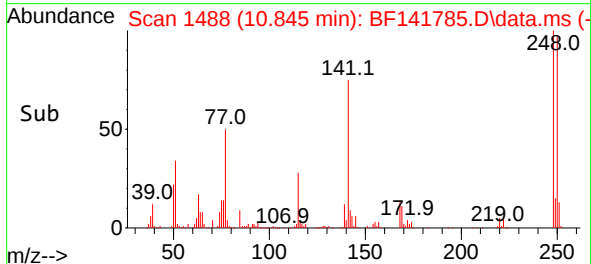
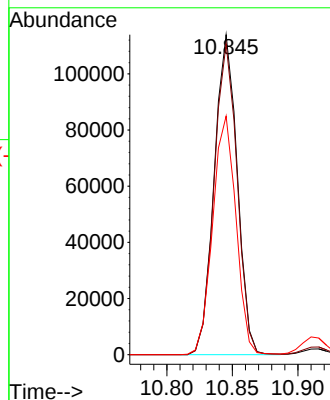
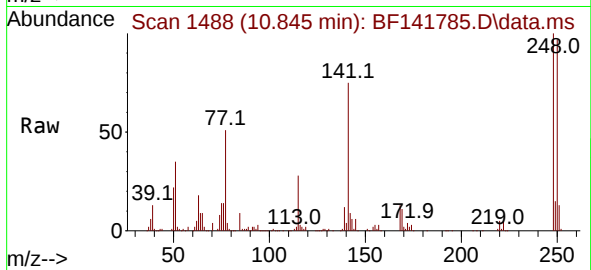




#67
4-Bromophenyl-phenylether
Concen: 42.486 ng
RT: 10.845 min Scan# 1491
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

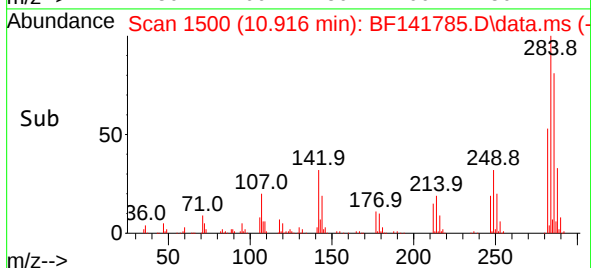
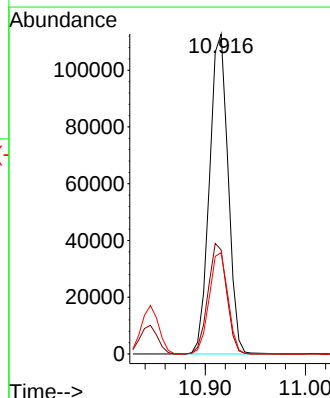
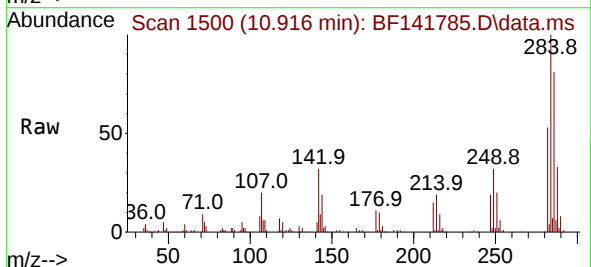
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

Tgt Ion:248 Resp: 139213
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 74.5 60.6 90.8



#68
Hexachlorobenzene
Concen: 43.068 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:284 Resp: 145316
Ion Ratio Lower Upper
284 100
142 32.5 28.0 42.0
249 31.7 25.8 38.8





#69

Atrazine

Concen: 54.197 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.017 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

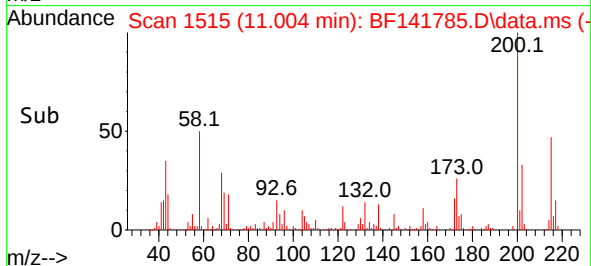
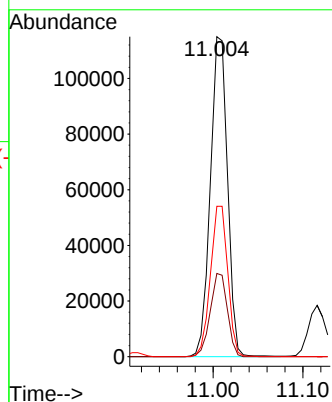
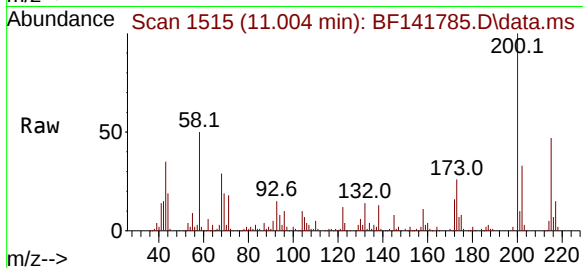
Tgt Ion:200 Resp: 152593

Ion Ratio Lower Upper

200 100

173 26.0 5.9 45.9

215 47.0 25.9 65.9



#70

Pentachlorophenol

Concen: 66.638 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

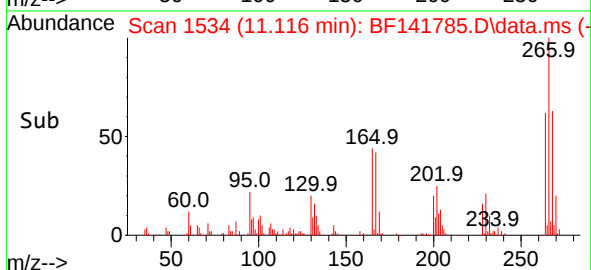
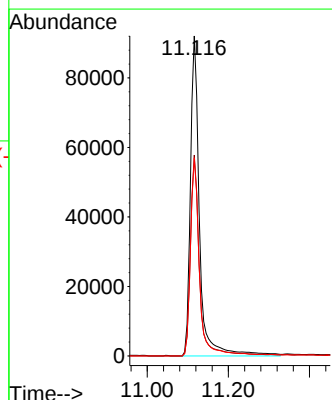
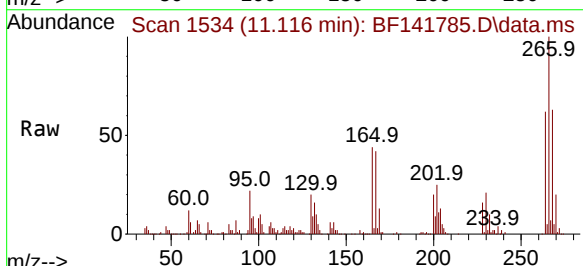
Tgt Ion:266 Resp: 143771

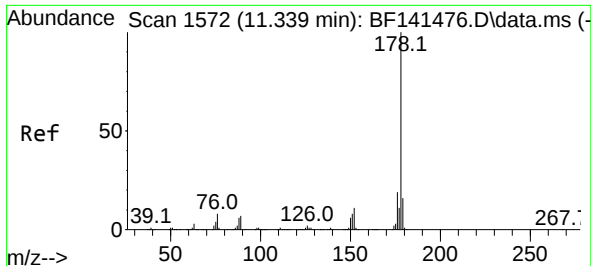
Ion Ratio Lower Upper

266 100

268 62.8 50.1 75.1

264 61.9 50.1 75.1

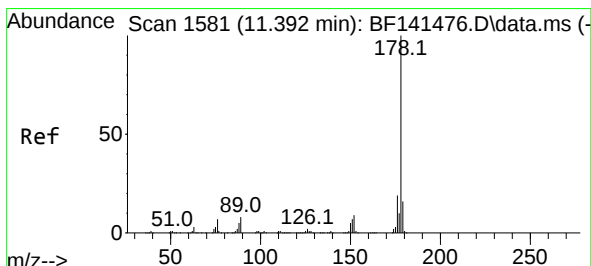
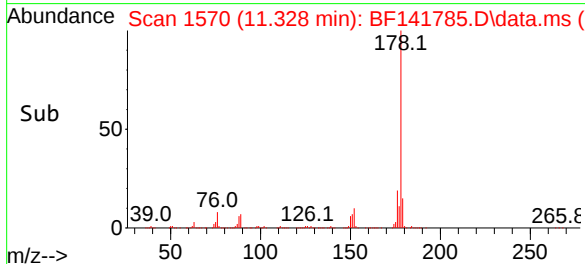
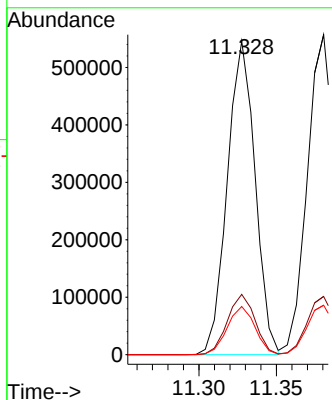
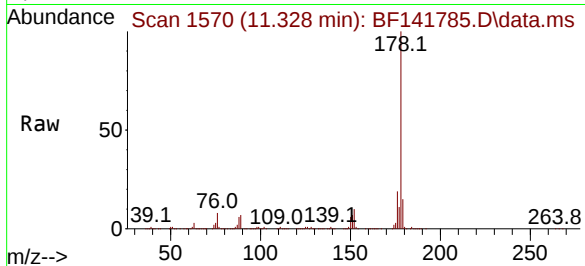




#71
Phenanthrene
Concen: 42.177 ng
RT: 11.328 min Scan# 1572
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

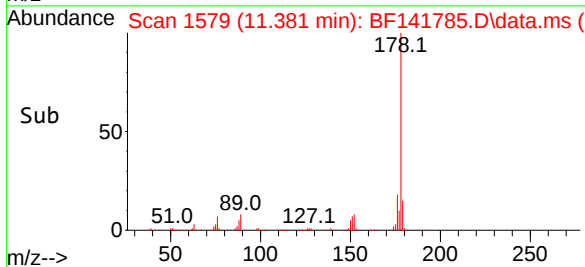
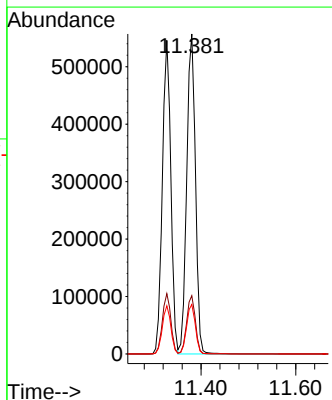
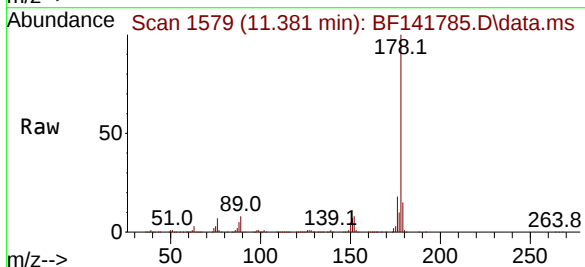
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

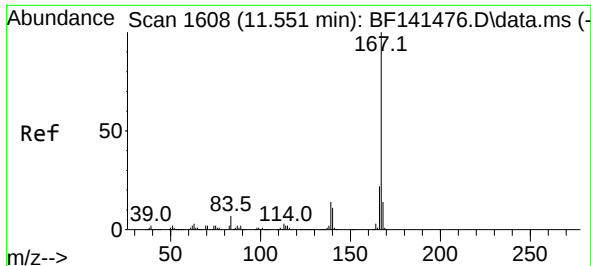
Tgt Ion:178 Resp: 680677
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 43.850 ng
RT: 11.381 min Scan# 1579
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:178 Resp: 711386
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.4 12.4 18.6

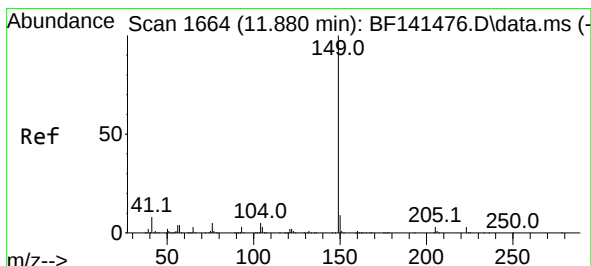
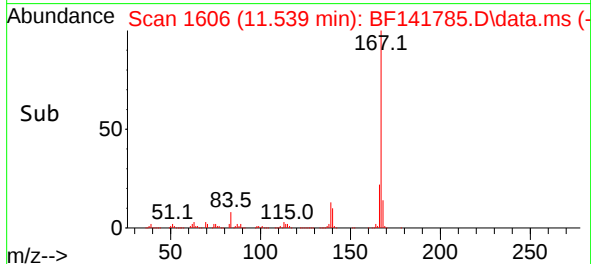
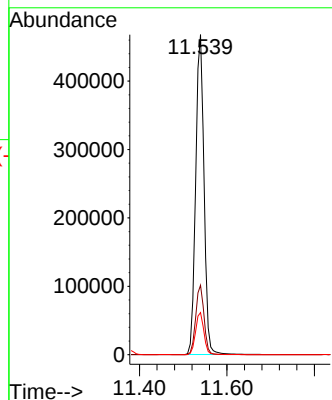
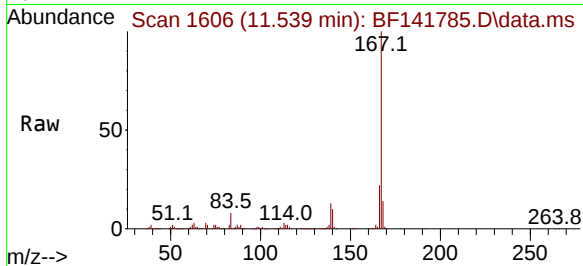




#73
Carbazole
Concen: 42.575 ng
RT: 11.539 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

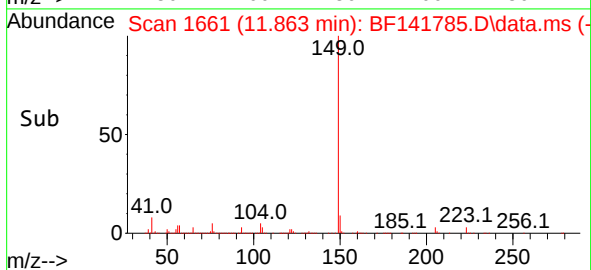
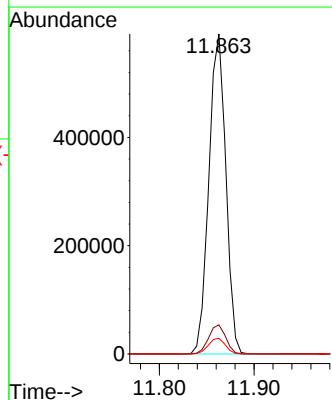
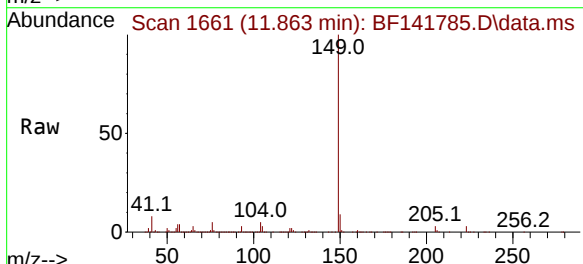
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

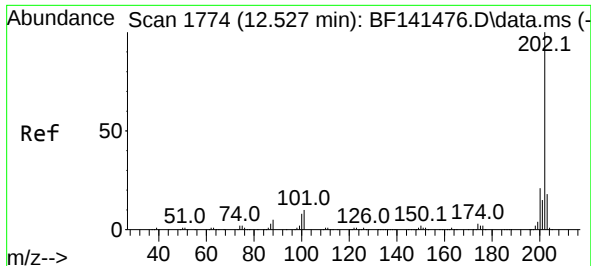
Tgt Ion:167 Resp: 621476
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.2
139 13.1 10.9 16.3



#74
Di-n-butylphthalate
Concen: 43.631 ng
RT: 11.863 min Scan# 1661
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:149 Resp: 735407
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.9 4.2 6.2

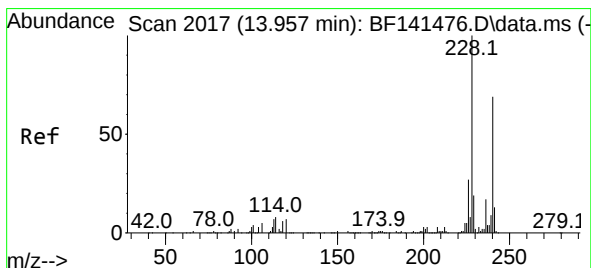
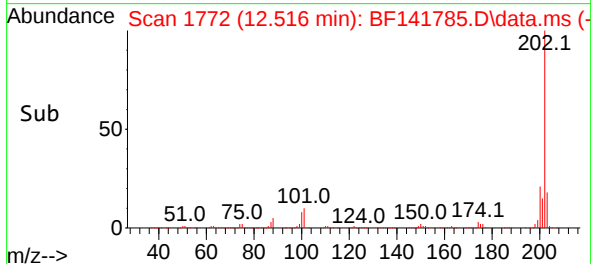
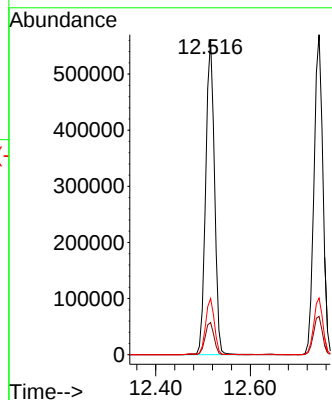
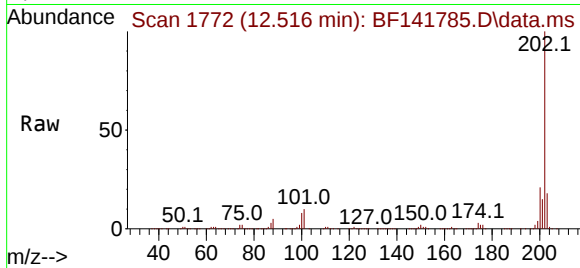




#75
Fluoranthene
Concen: 42.238 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

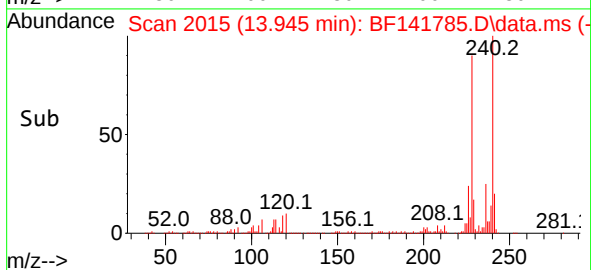
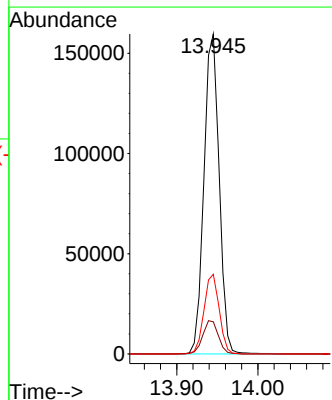
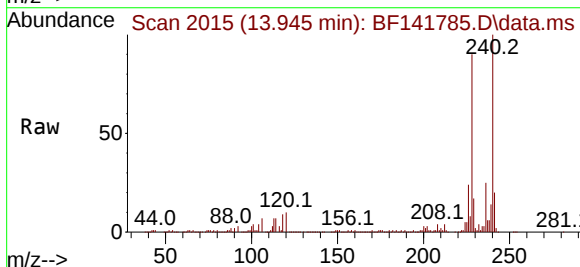
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

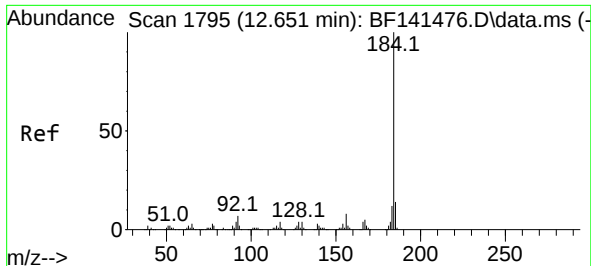
Tgt Ion:202 Resp: 722689
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:240 Resp: 207473
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 24.9 19.8 29.8

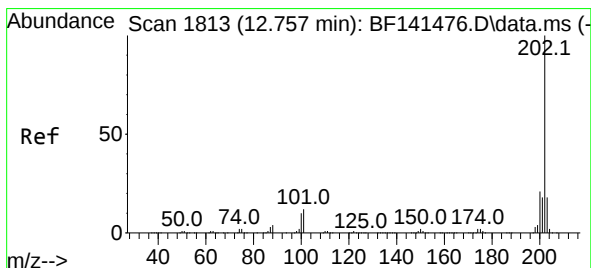
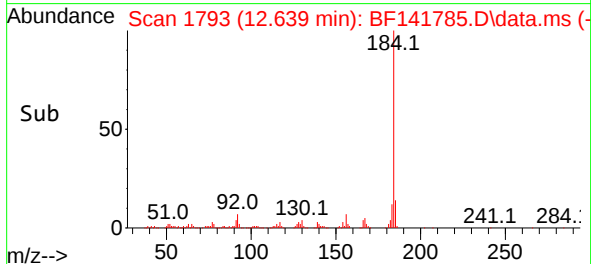
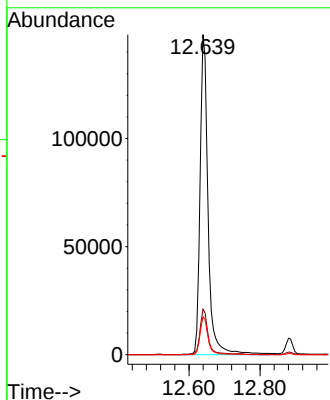
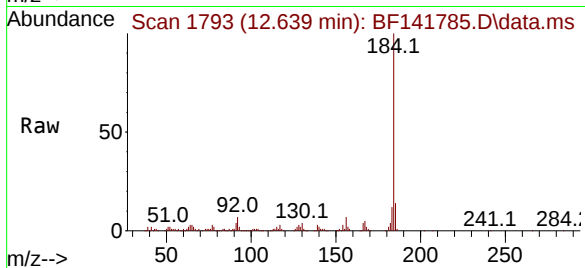




#77
Benzidine
Concen: 50.904 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

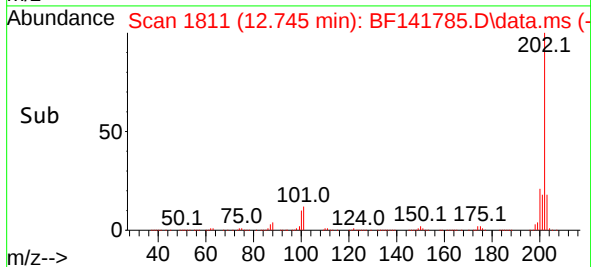
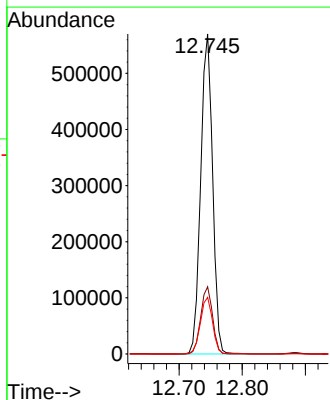
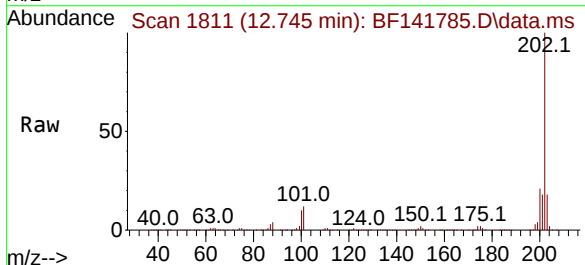
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

Tgt Ion:184 Resp: 232919
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.9 9.3 13.9



#78
Pyrene
Concen: 42.175 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

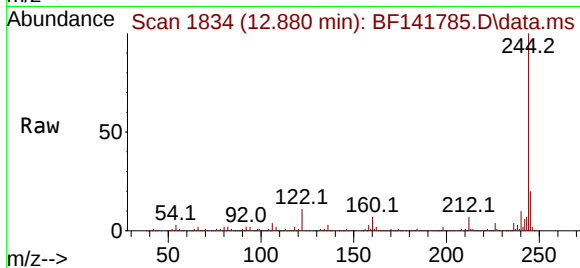
Tgt Ion:202 Resp: 744877
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.7 14.3 21.5



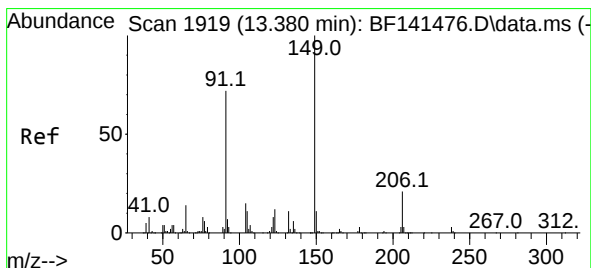
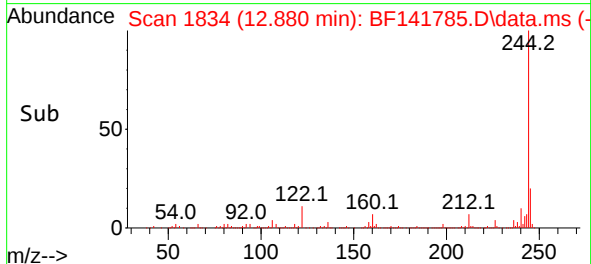
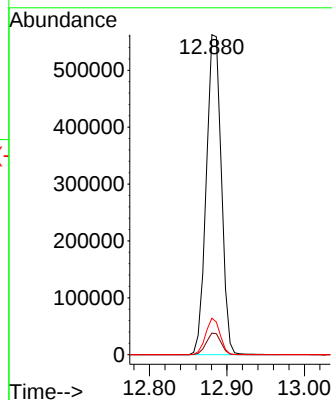


#79
 Terphenyl-d14
 Concen: 61.584 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141785.D
 Acq: 26 Feb 2025 16:28

Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB01MSD

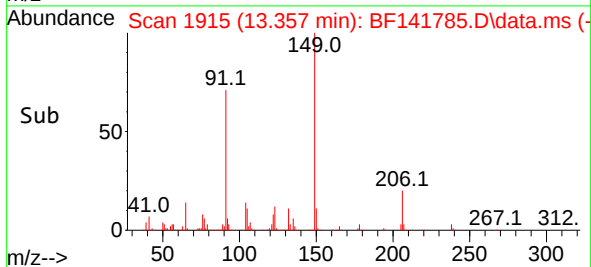
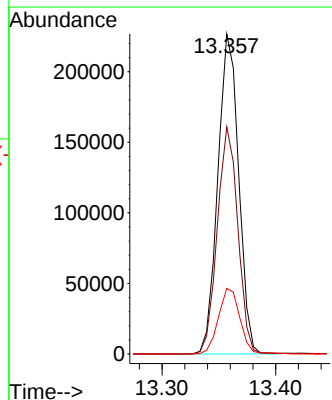
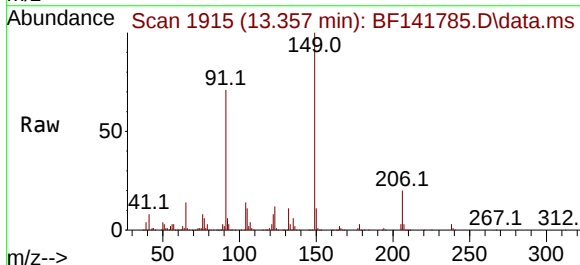


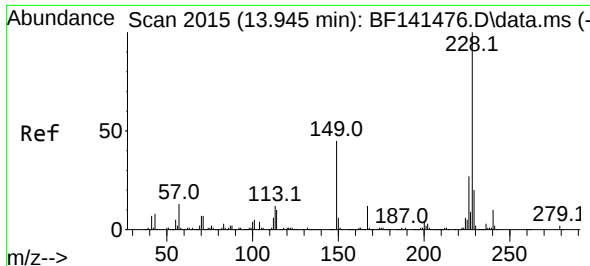
Tgt Ion:244 Resp: 756858
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.4 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 47.281 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141785.D
 Acq: 26 Feb 2025 16:28

Tgt Ion:149 Resp: 289238
 Ion Ratio Lower Upper
 149 100
 91 71.0 57.8 86.8
 206 20.5 16.7 25.1

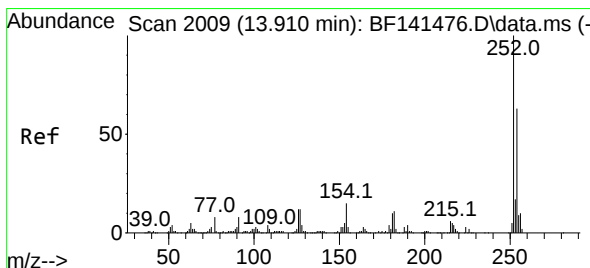
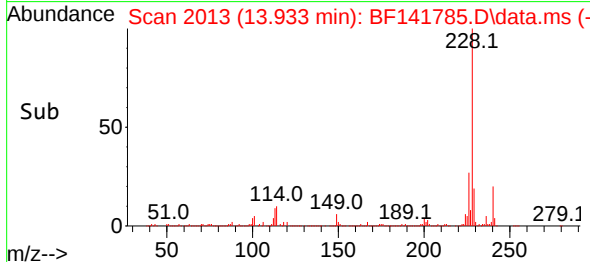
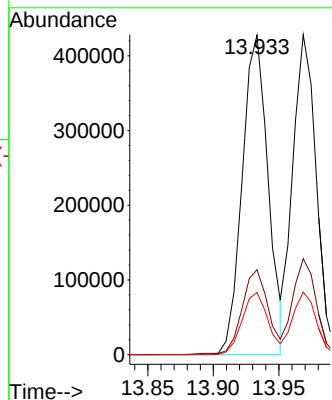
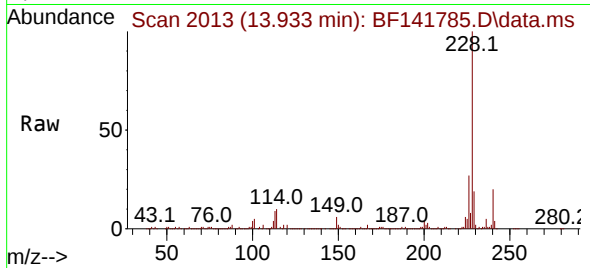




#81
Benzo(a)anthracene
Concen: 42.628 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

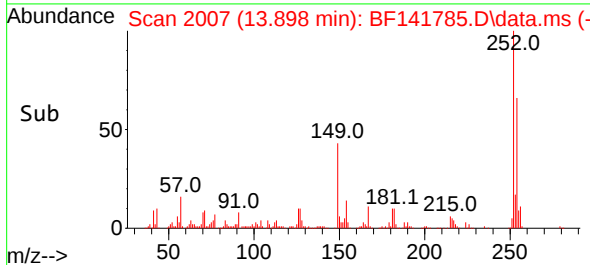
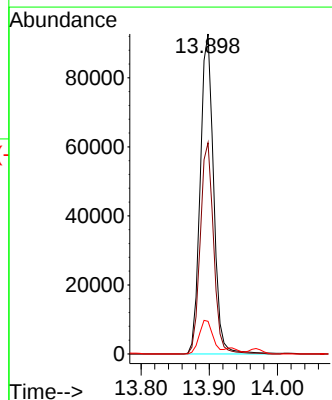
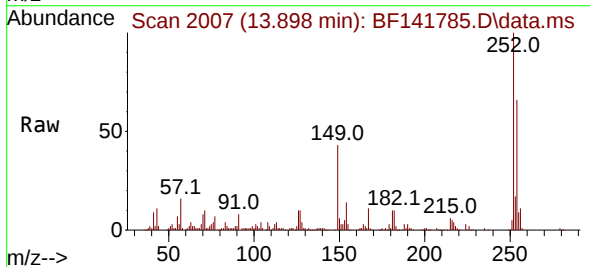
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

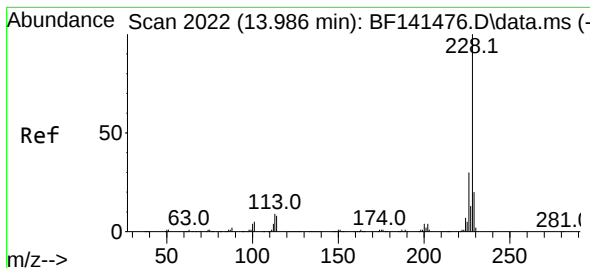
Tgt Ion:228 Resp: 587897
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 31.980 ng
RT: 13.898 min Scan# 2007
Delta R.T. -0.017 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:252 Resp: 126340
Ion Ratio Lower Upper
252 100
254 66.0 50.6 76.0
126 10.2 9.3 13.9





#83

Chrysene

Concen: 41.843 ng

RT: 13.969 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

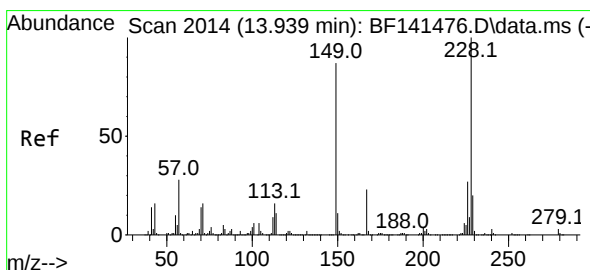
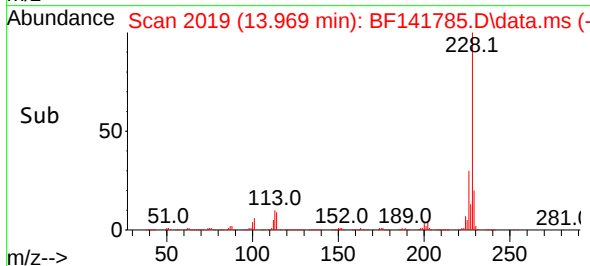
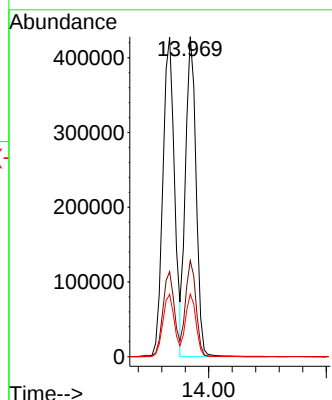
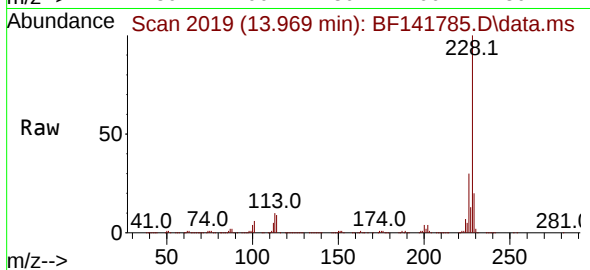
Tgt Ion:228 Resp: 532846

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.977 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

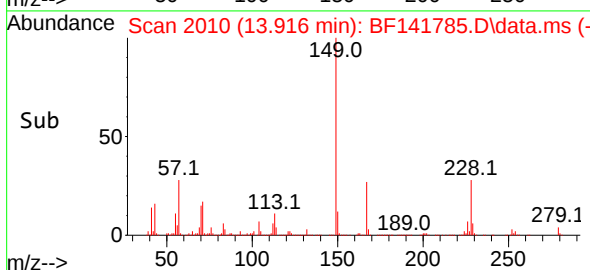
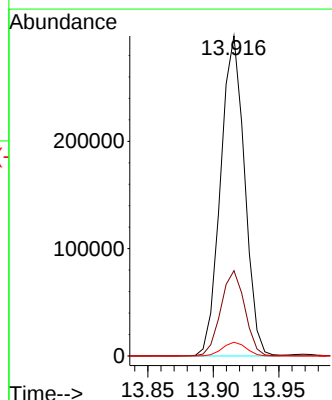
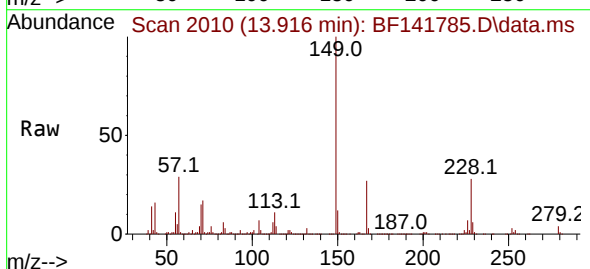
Tgt Ion:149 Resp: 379316

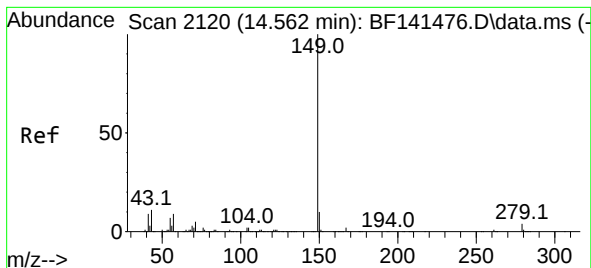
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.464 ng

RT: 14.527 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141785.D

Acq: 26 Feb 2025 16:28

Instrument :

BNA_F

ClientSampleId :

B-154-SB01MSD

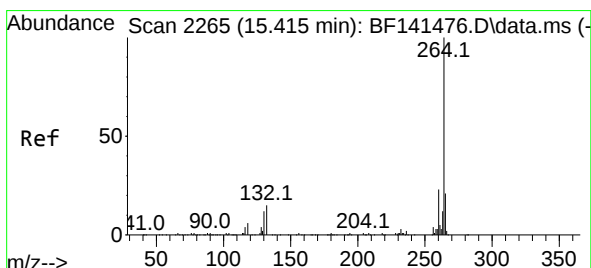
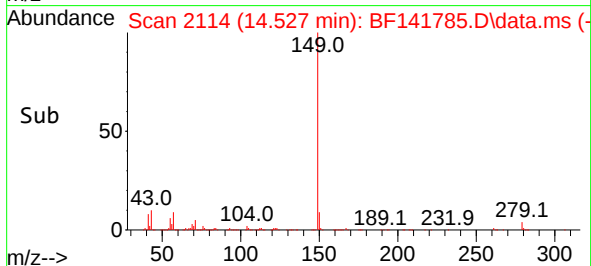
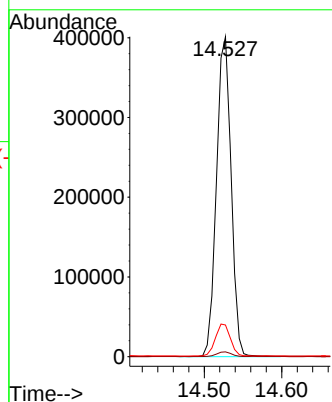
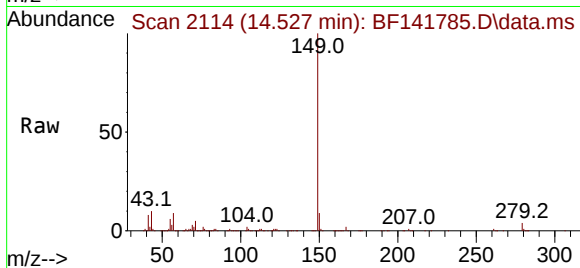
Tgt Ion:149 Resp: 526238

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.1 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: BF141785.D

Acq: 26 Feb 2025 16:28

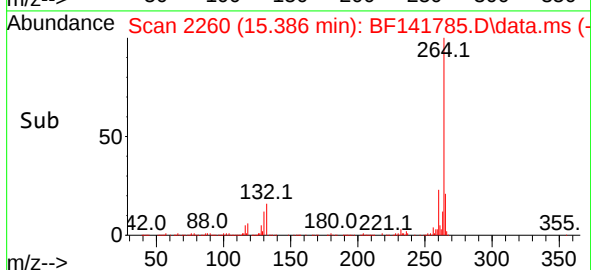
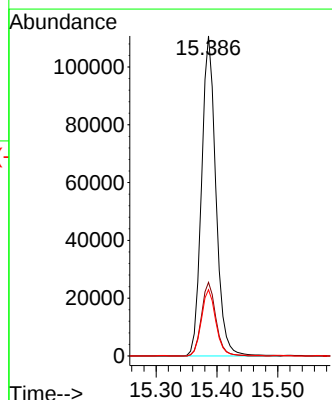
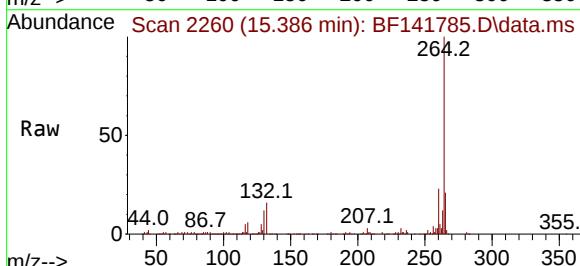
Tgt Ion:264 Resp: 181155

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 20.7 17.0 25.4

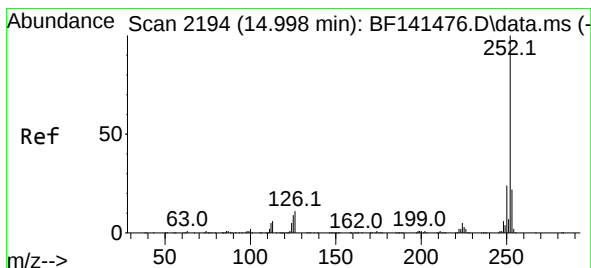
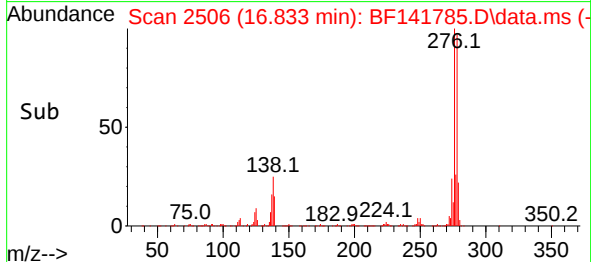
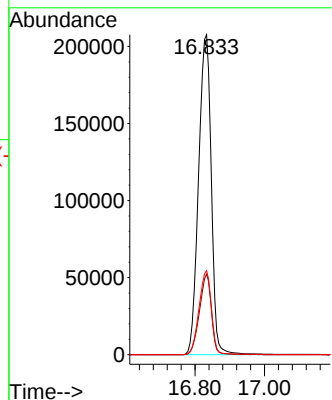
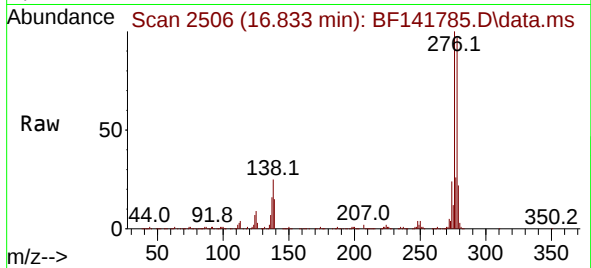




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.005 ng
 RT: 16.833 min Scan# 2189
 Delta R.T. -0.041 min
 Lab File: BF141785.D
 Acq: 26 Feb 2025 16:28

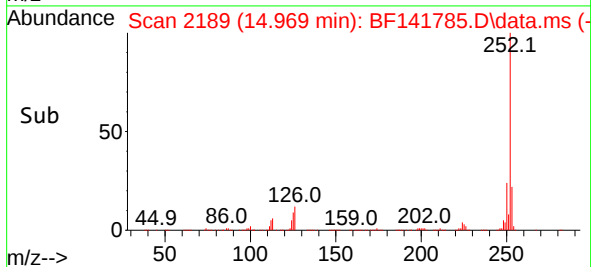
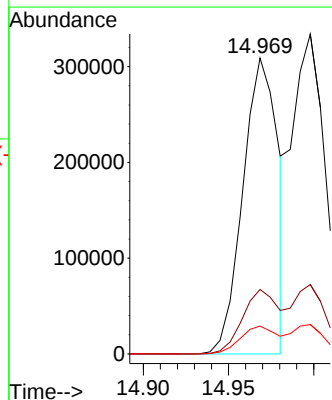
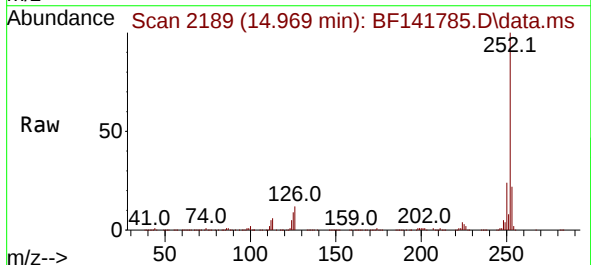
Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB01MSD

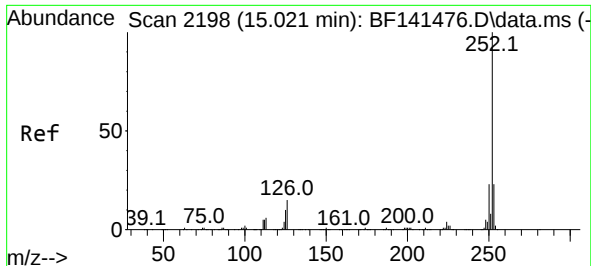
Tgt Ion:276 Resp: 526140
 Ion Ratio Lower Upper
 276 100
 138 23.6 18.0 27.0
 277 25.7 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 36.368 ng
 RT: 14.969 min Scan# 2189
 Delta R.T. -0.035 min
 Lab File: BF141785.D
 Acq: 26 Feb 2025 16:28

Tgt Ion:252 Resp: 442364
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 9.4 7.0 10.6

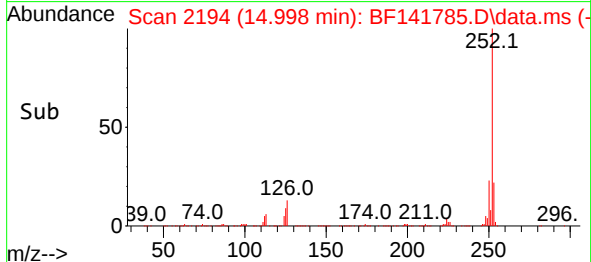
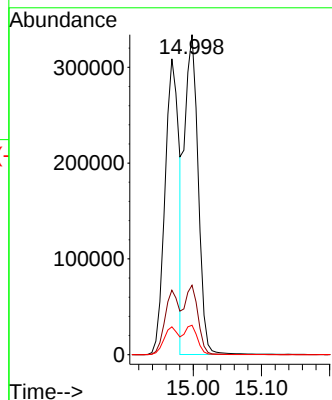
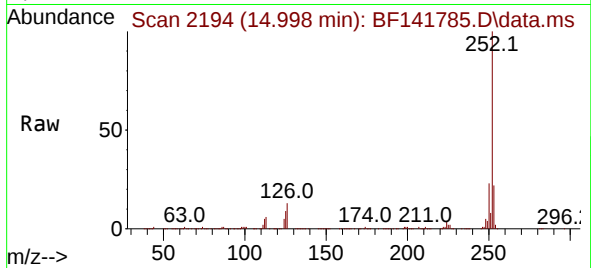




#89
Benzo(k)fluoranthene
Concen: 44.001 ng
RT: 14.998 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

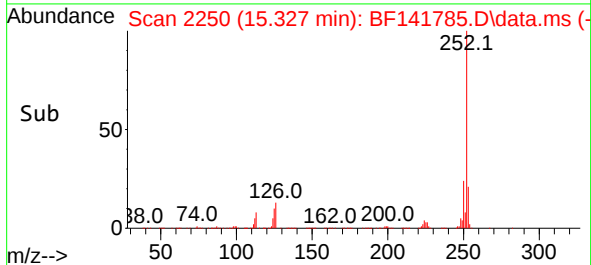
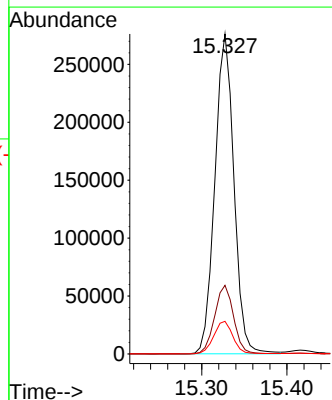
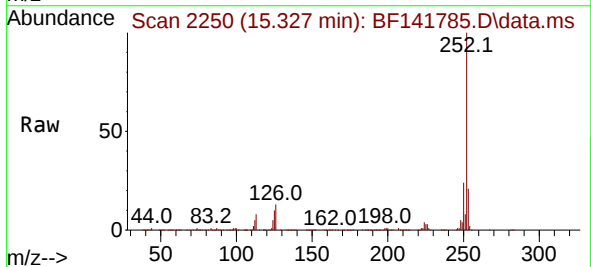
Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

Tgt Ion:252 Resp: 457026
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 43.565 ng
RT: 15.327 min Scan# 2250
Delta R.T. -0.035 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:252 Resp: 428789
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 10.2 7.4 11.2

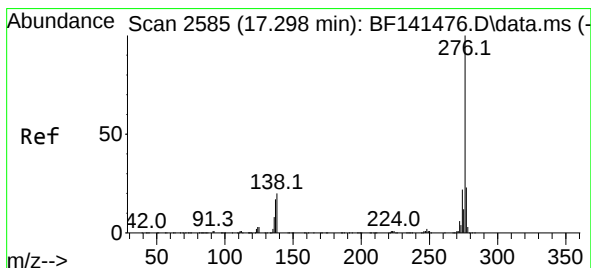
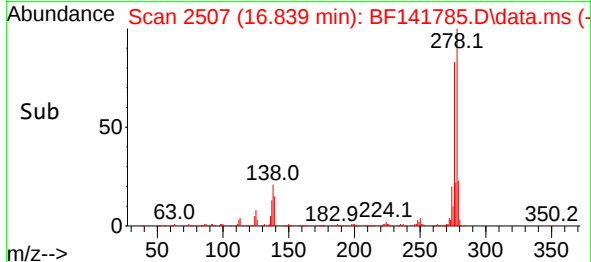
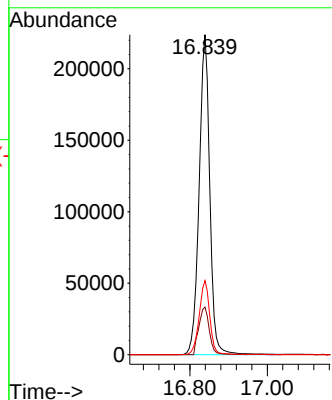
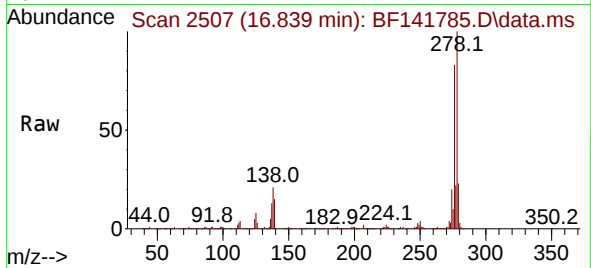




#91
Dibenzo(a,h)anthracene
Concen: 46.990 ng
RT: 16.839 min Scan# 2507
Delta R.T. -0.053 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Instrument :
BNA_F
ClientSampleId :
B-154-SB01MSD

Tgt Ion:278 Resp: 426195
Ion Ratio Lower Upper
278 100
139 14.9 11.8 17.6
279 23.1 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 43.391 ng
RT: 17.262 min Scan# 2579
Delta R.T. -0.053 min
Lab File: BF141785.D
Acq: 26 Feb 2025 16:28

Tgt Ion:276 Resp: 411835
Ion Ratio Lower Upper
276 100
277 23.1 18.6 28.0
138 19.1 15.9 23.9

