

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140741.D
 Acq On : 04 Dec 2024 21:41
 Operator : RC/JU
 Sample : P5072-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-738MSD

Quant Time: Dec 05 00:08:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67125	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	251730	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	137371	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	223576	20.000	ng	0.00
76) Chrysene-d12	14.051	240	128638	20.000	ng	0.00
86) Perylene-d12	15.545	264	118764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	462510	117.563	ng	0.01
7) Phenol-d6	6.516	99	604964	116.316	ng	0.00
23) Nitrobenzene-d5	7.434	82	393871	80.033	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	169356	115.271	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	756525	82.054	ng	0.00
79) Terphenyl-d14	12.986	244	621008	75.171	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	84047	50.811	ng	100
3) Pyridine	3.475	79	180860	49.695	ng	99
4) n-Nitrosodimethylamine	3.434	42	113593	53.106	ng	98
6) Aniline	6.545	93	115533	31.560	ng	93
8) 2-Chlorophenol	6.663	128	243173	57.453	ng	96
9) Benzaldehyde	6.422	77	75654	27.477	ng	98
10) Phenol	6.534	94	309487	58.266	ng	88
11) bis(2-Chloroethyl)ether	6.604	93	235732	57.997	ng	97
12) 1,3-Dichlorobenzene	6.810	146	255646	53.753	ng	99
13) 1,4-Dichlorobenzene	6.886	146	263674	54.755	ng	100
14) 1,2-Dichlorobenzene	7.039	146	251516	55.740	ng	100
15) Benzyl Alcohol	7.016	79	196696	50.996	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	272355	56.719	ng	# 59
17) 2-Methylphenol	7.139	107	188781	55.718	ng	93
18) Hexachloroethane	7.375	117	97989	54.483	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	174920	56.907	ng	97
20) 3+4-Methylphenols	7.292	107	255823	58.744	ng	# 70
22) Acetophenone	7.281	105	343373	55.951	ng	# 92
24) Nitrobenzene	7.457	77	266230	52.342	ng	98
25) Isophorone	7.692	82	463520	56.468	ng	100
26) 2-Nitrophenol	7.769	139	130204	57.764	ng	99
27) 2,4-Dimethylphenol	7.810	122	183258	67.950	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	280779	56.149	ng	99
29) 2,4-Dichlorophenol	8.033	162	207800	58.148	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	219303	53.747	ng	98
31) Naphthalene	8.175	128	718261	55.394	ng	99
32) Benzoic acid	7.951	122	89965	39.782	ng	99
33) 4-Chloroaniline	8.263	127	48830	12.578	ng	98
34) Hexachlorobutadiene	8.286	225	145477	53.828	ng	99
35) Caprolactam	8.604	113	45085	40.767	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	220961	55.224	ng	98
37) 2-Methylnaphthalene	8.863	142	469508	57.009	ng	99
38) 1-Methylnaphthalene	8.963	142	429894	53.254	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	230122	57.222	ng	99
41) Hexachlorocyclopentadiene	9.010	237	142287	150.350	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	142811	56.593	ng	100

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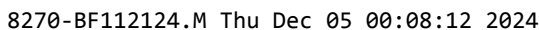
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	147826	53.977	ng	97
46) 1,1'-Biphenyl	9.327	154	579282	56.481	ng	99
47) 2-Chloronaphthalene	9.357	162	425331	54.730	ng	99
48) 2-Nitroaniline	9.463	65	138404	55.485	ng	96
49) Acenaphthylene	9.769	152	694090	59.112	ng	100
50) Dimethylphthalate	9.627	163	526185	58.160	ng	100
51) 2,6-Dinitrotoluene	9.698	165	113349	55.242	ng	95
52) Acenaphthene	9.945	154	421968	56.558	ng	99
53) 3-Nitroaniline	9.875	138	68868	34.317	ng	94
54) 2,4-Dinitrophenol	9.992	184	104934	96.913	ng	93
55) Dibenzofuran	10.116	168	633476	55.665	ng	98
56) 4-Nitrophenol	10.057	139	105971	77.428	ng	96
57) 2,4-Dinitrotoluene	10.110	165	147499	54.089	ng	94
58) Fluorene	10.463	166	493490	54.025	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	121958	57.943	ng	92
60) Diethylphthalate	10.327	149	521296	56.711	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	250093	55.790	ng	98
62) 4-Nitroaniline	10.492	138	100269	47.639	ng	96
63) Azobenzene	10.610	77	507539	58.305	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	77701	68.011	ng	94
66) n-Nitrosodiphenylamine	10.569	169	426966	64.577	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	144019	62.549	ng	98
68) Hexachlorobenzene	11.010	284	158501	59.451	ng	99
69) Atrazine	11.098	200	121388	65.262	ng	97
70) Pentachlorophenol	11.216	266	112366	95.761	ng	99
71) Phenanthrene	11.427	178	633520	58.948	ng	99
72) Anthracene	11.480	178	654381	62.247	ng	100
73) Carbazole	11.639	167	565240	55.891	ng	100
74) Di-n-butylphthalate	11.951	149	713001	61.067	ng	100
75) Fluoranthene	12.616	202	600565	51.469	ng	100
77) Benzidine	12.751	184	89600	23.957	ng	100
78) Pyrene	12.845	202	600815	50.513	ng	99
80) Butylbenzylphthalate	13.457	149	235949	55.067	ng	99
81) Benzo(a)anthracene	14.039	228	506480	59.479	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	119747	46.838	ng	100
83) Chrysene	14.080	228	467444	60.034	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	319470	59.047	ng	99
85) Di-n-octyl phthalate	14.633	149	518358	70.105	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	362414	46.825	ng	99
88) Benzo(b)fluoranthene	15.109	252	430928	57.767	ng	99
89) Benzo(k)fluoranthene	15.139	252	414025	63.424	ng	99
90) Benzo(a)pyrene	15.486	252	379950	62.643	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	299551	47.259	ng	99
92) Benzo(g,h,i)perylene	17.521	276	259522	40.123	ng	99

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

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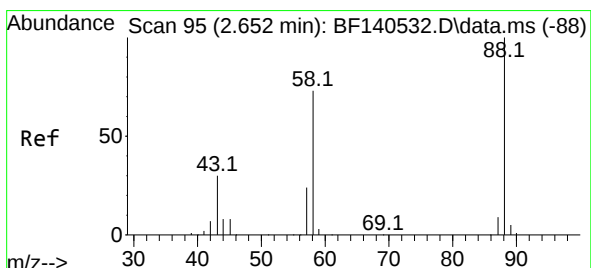
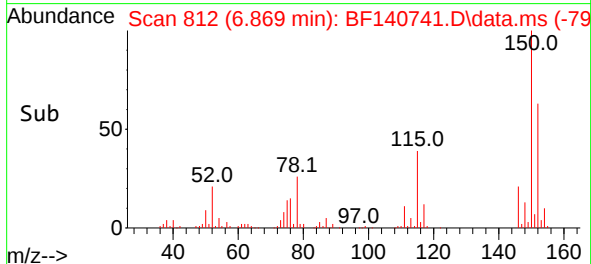
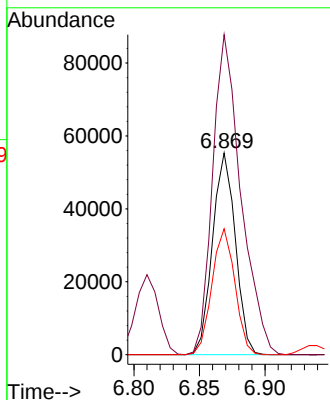
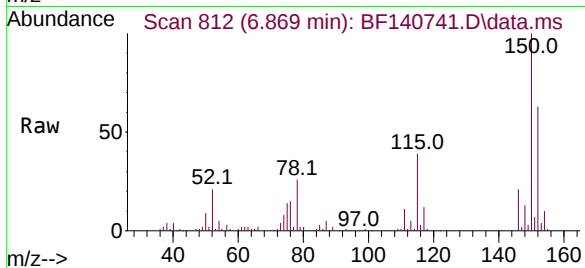




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140741.D
 Acq: 04 Dec 2024 21:41

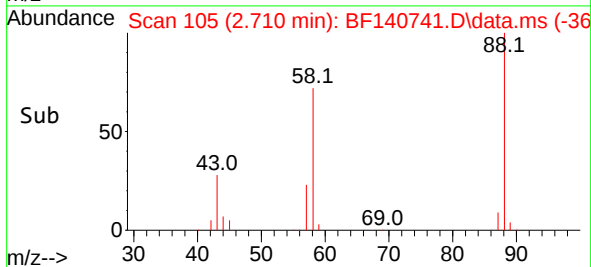
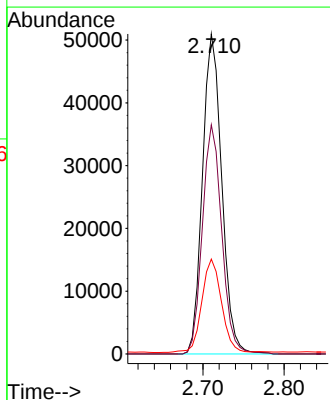
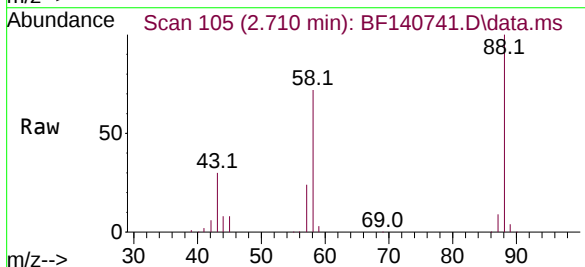
Instrument :
 BNA_F
 ClientSampleId :
 MH-738MSD

Tgt Ion:152 Resp: 67125
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.5 192.7
 115 62.4 50.2 75.4



#2
 1,4-Dioxane
 Concen: 50.811 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.059 min
 Lab File: BF140741.D
 Acq: 04 Dec 2024 21:41

Tgt Ion: 88 Resp: 84047
 Ion Ratio Lower Upper
 88 100
 58 71.8 57.4 86.2
 43 29.6 24.3 36.5





#3

Pyridine

Concen: 49.695 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

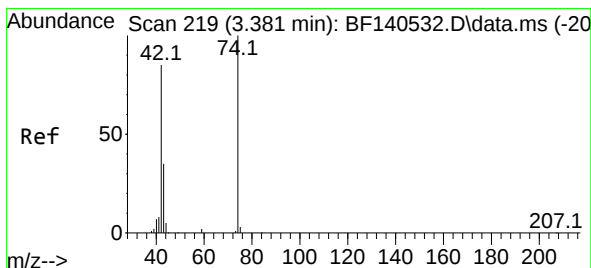
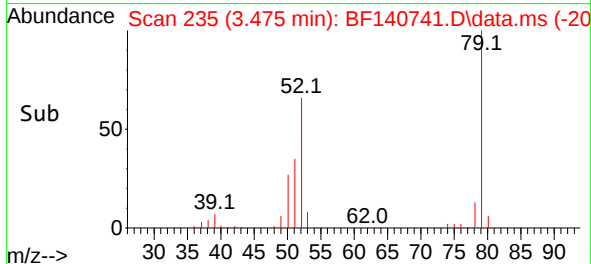
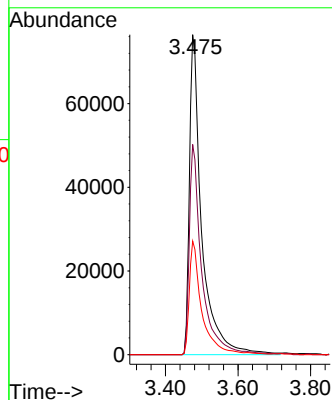
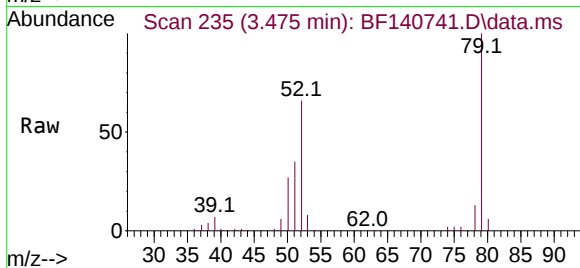
Tgt Ion: 79 Resp: 180860

Ion Ratio Lower Upper

79 100

52 65.7 52.1 78.1

51 35.5 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 53.106 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.053 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

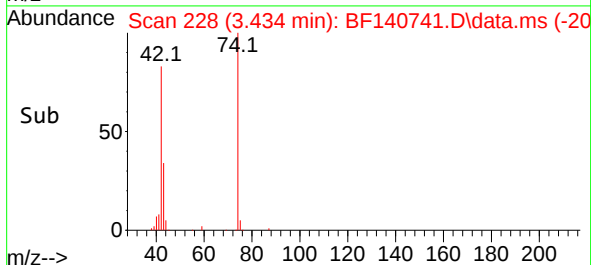
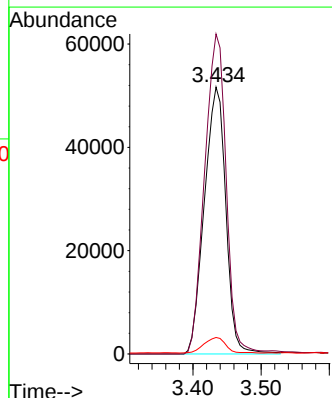
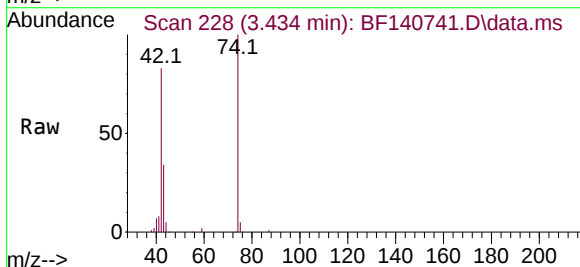
Tgt Ion: 42 Resp: 113593

Ion Ratio Lower Upper

42 100

74 119.9 93.8 140.6

44 6.2 4.6 6.8

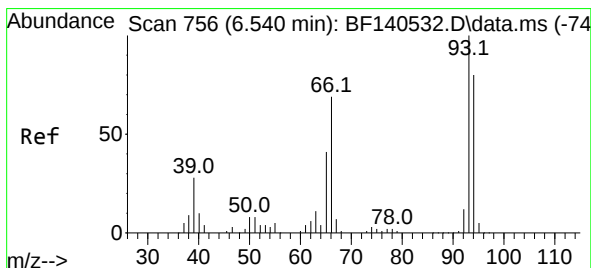
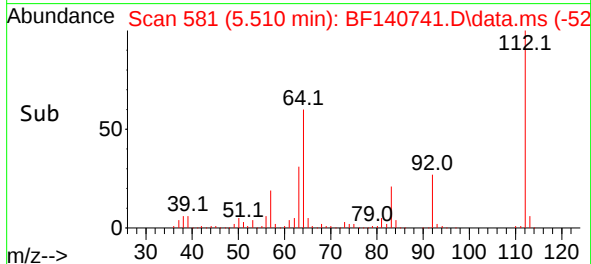
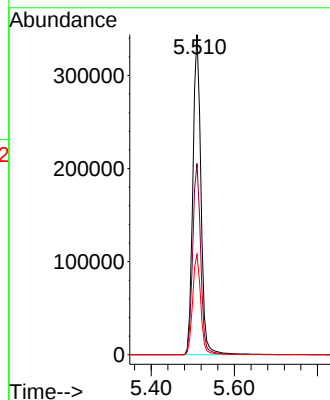
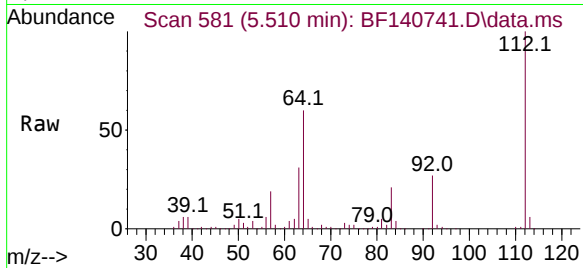




#5
2-Fluorophenol
Concen: 117.563 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

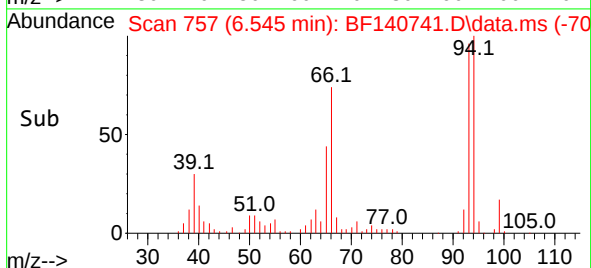
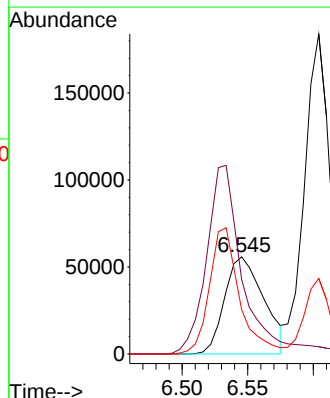
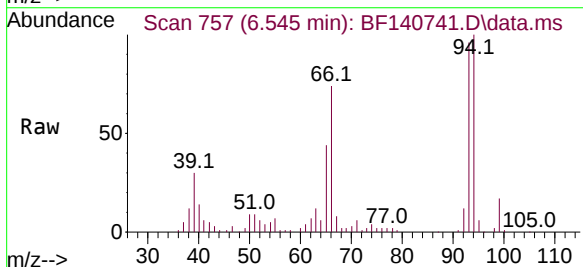
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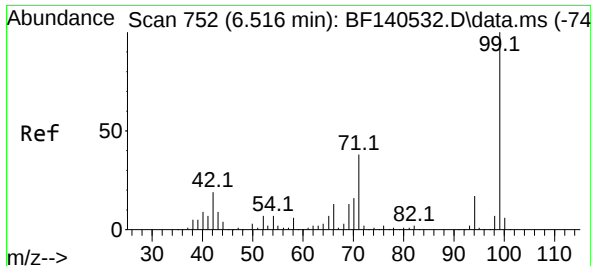
Tgt Ion:112 Resp: 462510
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.3 27.0 40.4



#6
Aniline
Concen: 31.560 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion: 93 Resp: 115533
Ion Ratio Lower Upper
93 100
66 76.8 56.5 84.7
65 45.6 32.9 49.3

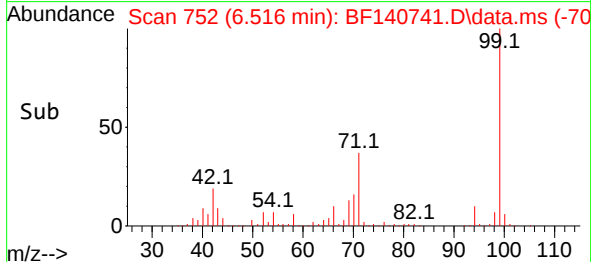
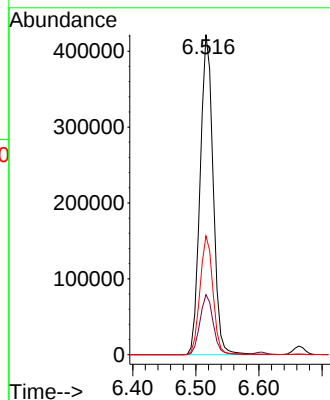
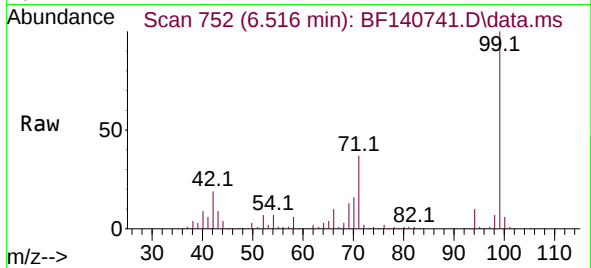




#7
Phenol-d6
Concen: 116.316 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

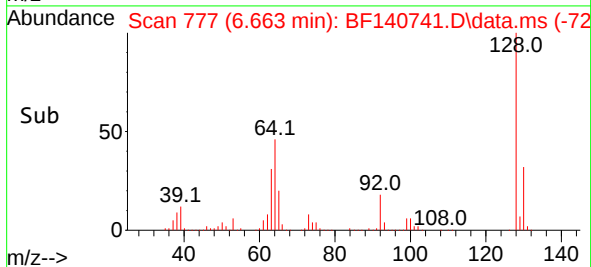
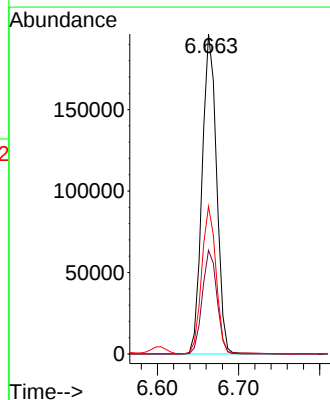
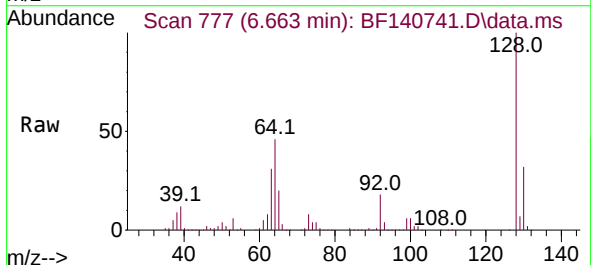
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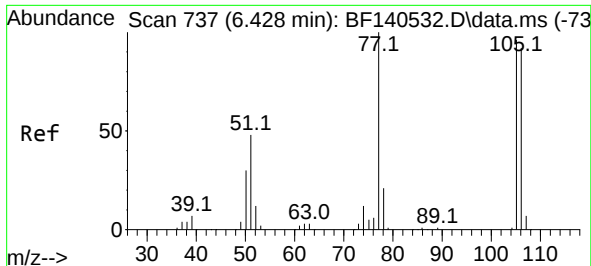
Tgt Ion: 99 Resp: 604964
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 37.2 30.6 46.0



#8
2-Chlorophenol
Concen: 57.453 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:128 Resp: 243173
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 46.1 30.2 70.2

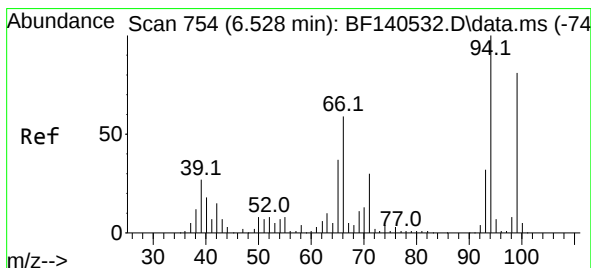
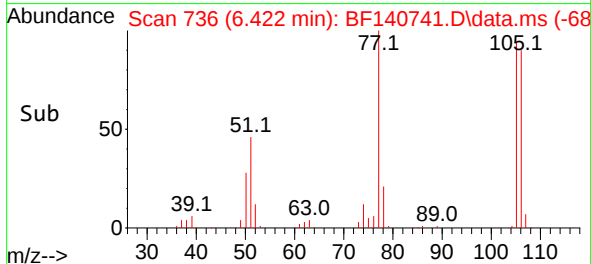
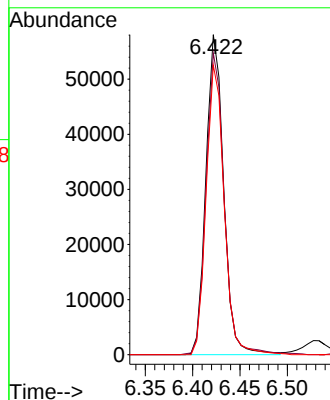
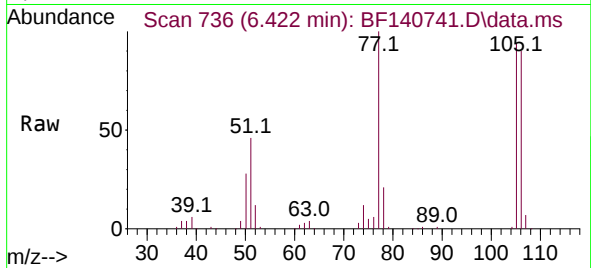




#9
Benzaldehyde
Concen: 27.477 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

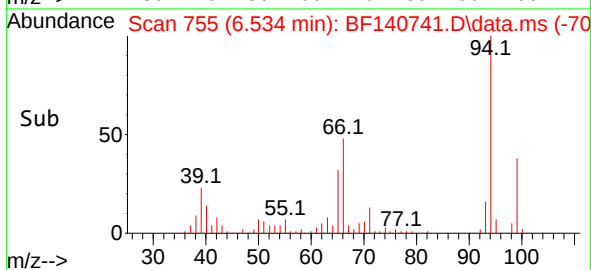
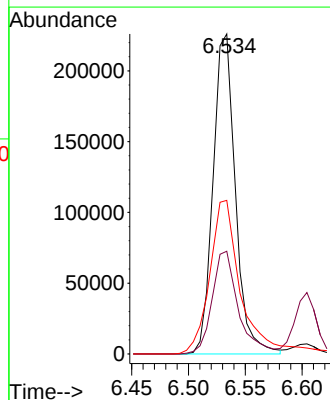
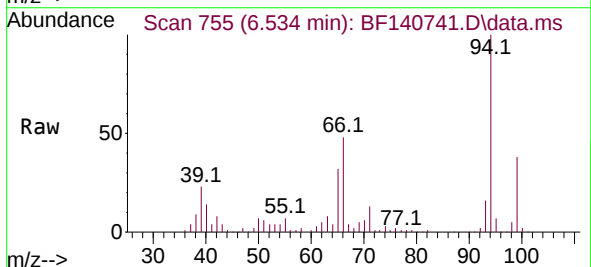
Instrument :
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MH-738MSD

Tgt Ion: 77 Resp: 75654
Ion Ratio Lower Upper
77 100
105 94.3 75.6 115.6
106 90.4 72.0 112.0



#10
Phenol
Concen: 58.266 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion: 94 Resp: 309487
Ion Ratio Lower Upper
94 100
65 32.1 17.2 57.2
66 48.0 39.2 79.2

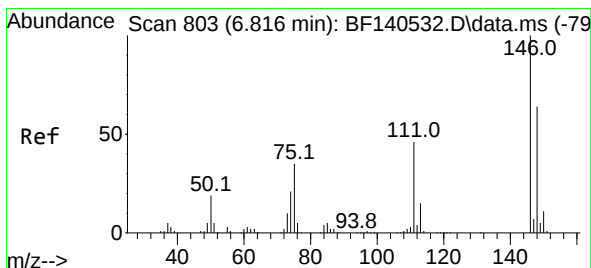
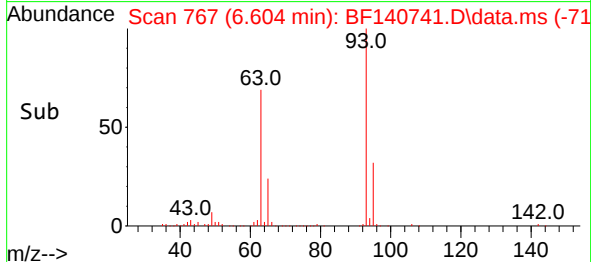
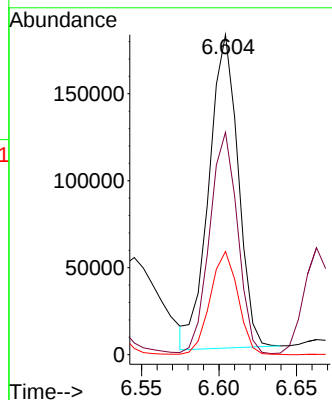
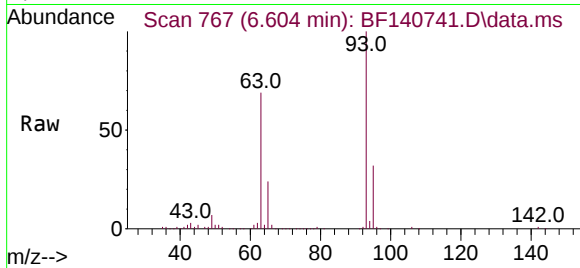




#11
bis(2-Chloroethyl)ether
Concen: 57.997 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

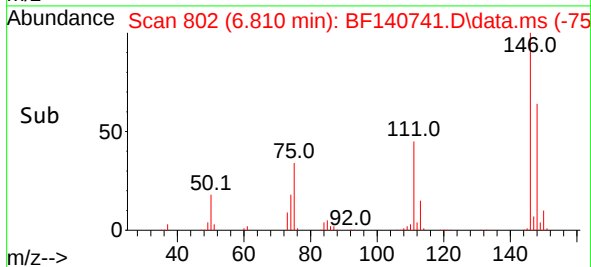
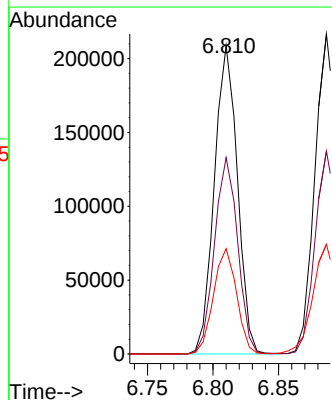
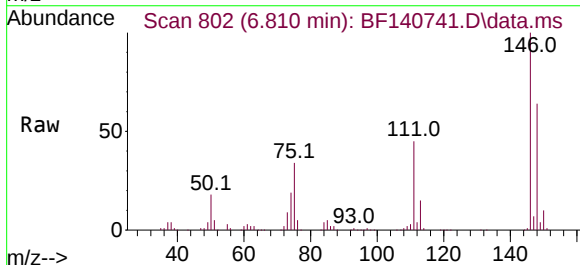
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

Tgt Ion: 93 Resp: 235732
Ion Ratio Lower Upper
93 100
63 69.5 52.8 92.8
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 53.753 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:146 Resp: 255646
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 34.1 28.2 42.2

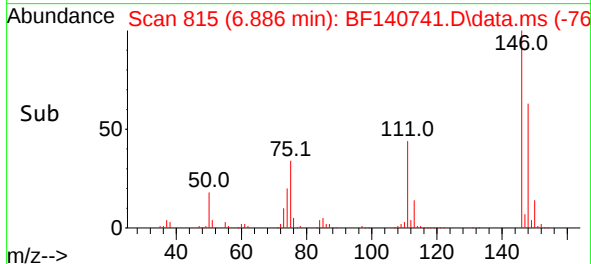
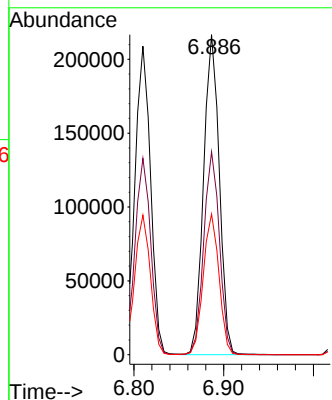
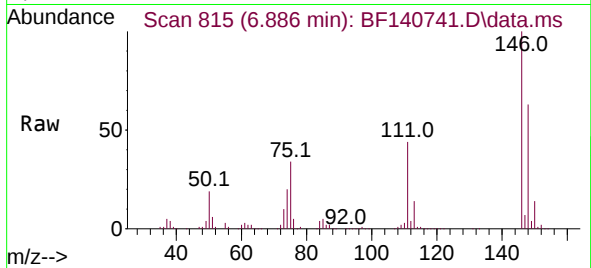




#13
1,4-Dichlorobenzene
Concen: 54.755 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

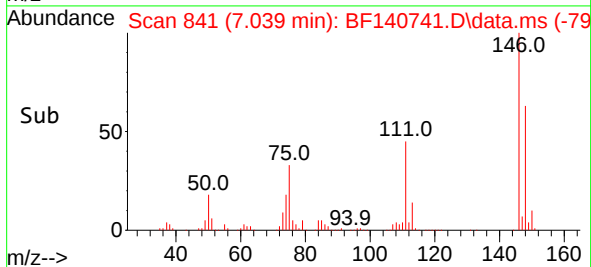
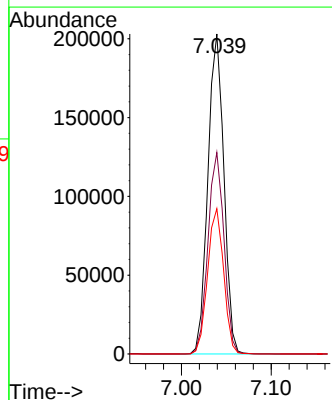
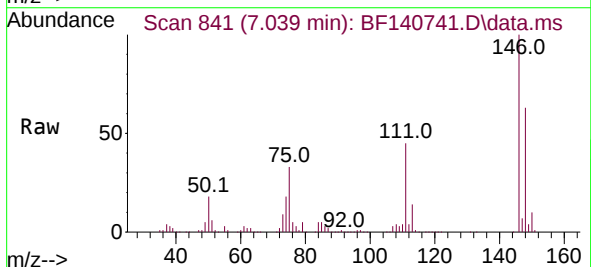
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

Tgt Ion:146 Resp: 263674
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 44.0 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 55.740 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:146 Resp: 251516
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
111 45.4 36.7 55.1

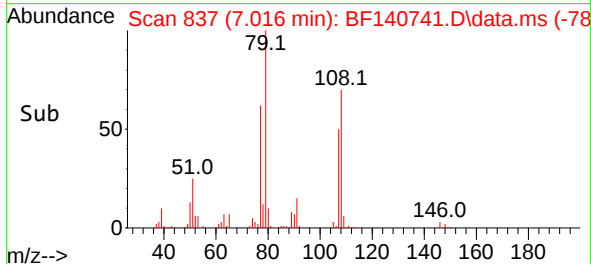
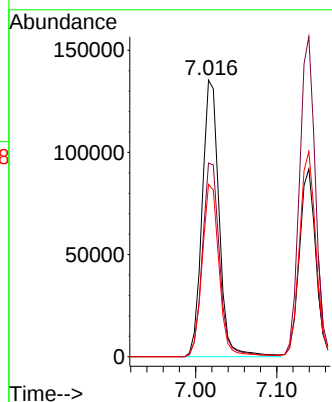
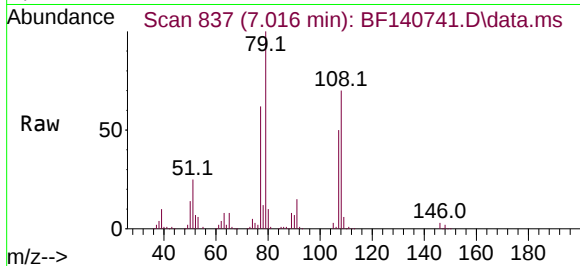




#15
Benzyl Alcohol
Concen: 50.996 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

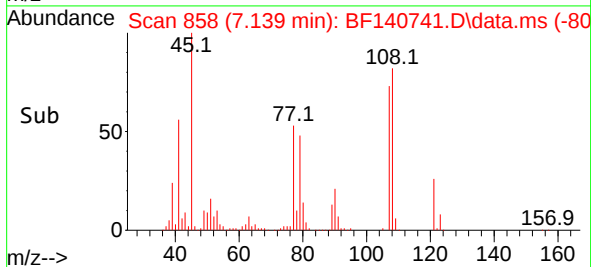
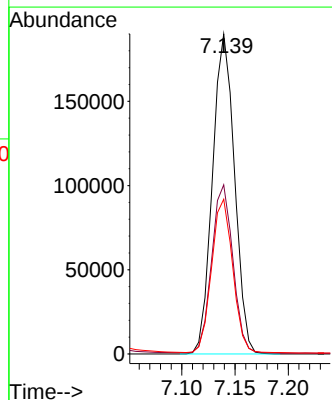
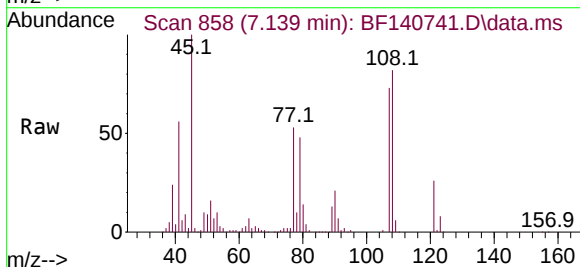
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

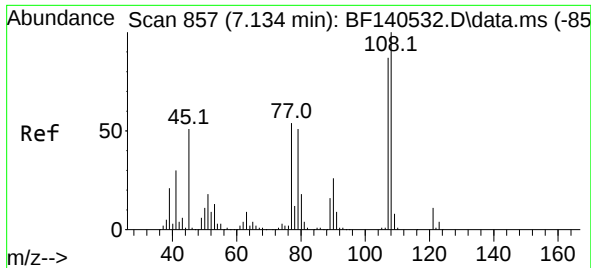
Tgt Ion: 79 Resp: 196696
Ion Ratio Lower Upper
79 100
108 70.0 55.0 82.6
77 62.3 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.719 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion: 45 Resp: 272355
Ion Ratio Lower Upper
45 100
77 52.9 10.7 50.7#
79 48.3 7.0 47.0#



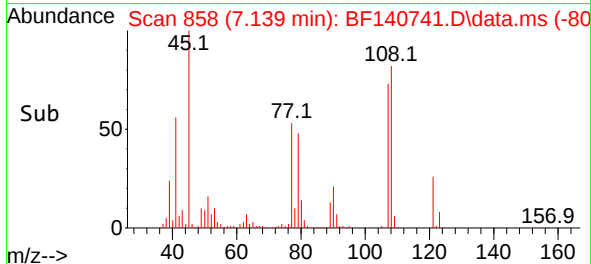
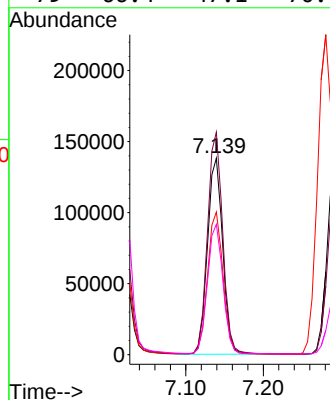
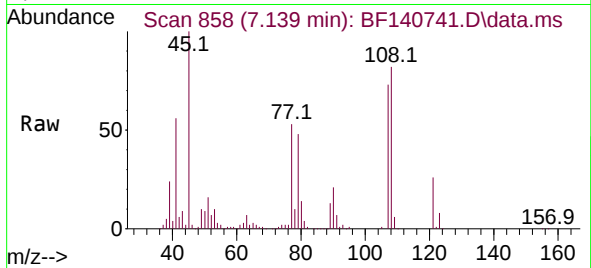


#17
2-Methylphenol
Concen: 55.718 ng
RT: 7.139 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Instrument :
BNA_F
ClientSampleId :
MH-738MSD

Tgt Ion:107 Resp: 188781

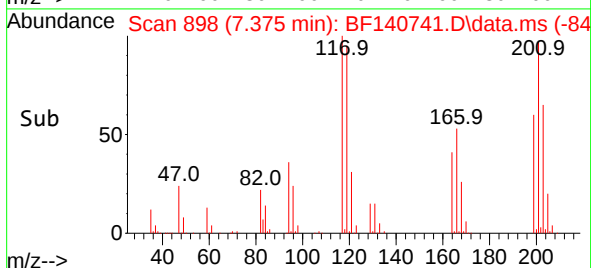
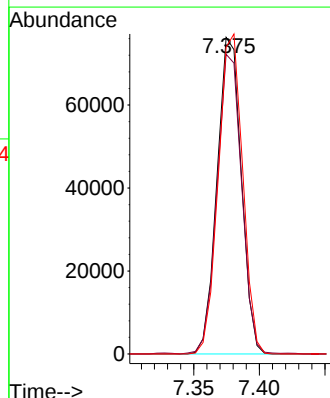
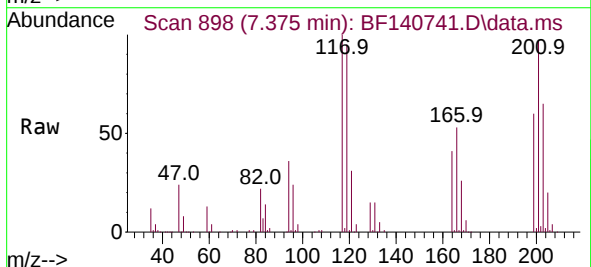
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	72.6	49.3	73.9
79	66.4	47.1	70.7



#18
Hexachloroethane
Concen: 54.483 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:117 Resp: 97989

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.1	115.7
201	96.9	81.1	121.7



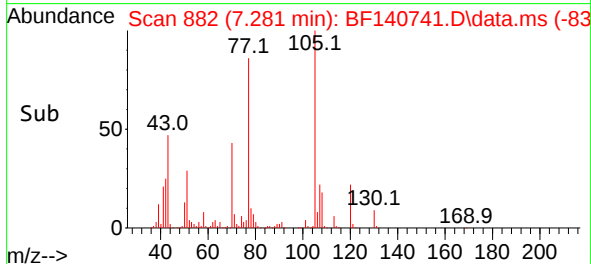
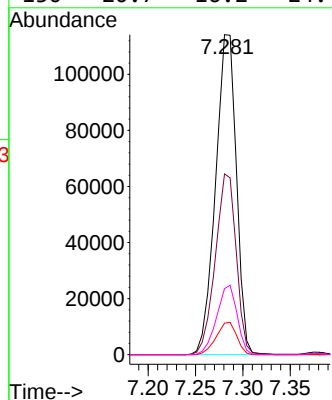
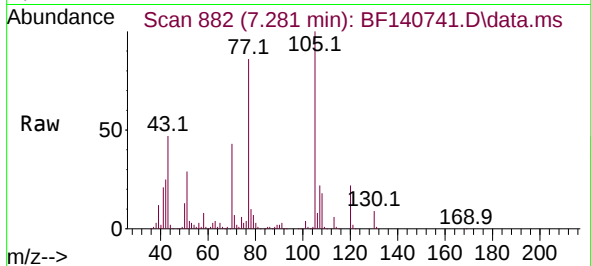


#19
n-Nitroso-di-n-propylamine
Concen: 56.907 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Instrument :
BNA_F
ClientSampleId :
MH-738MSD

Tgt Ion: 70 Resp: 174920

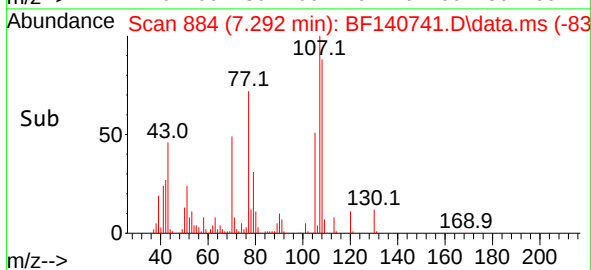
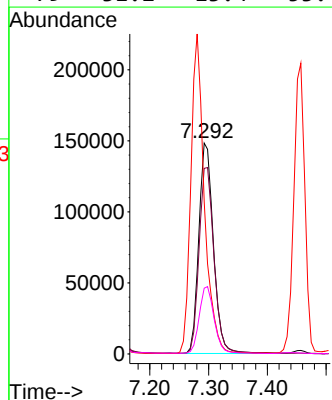
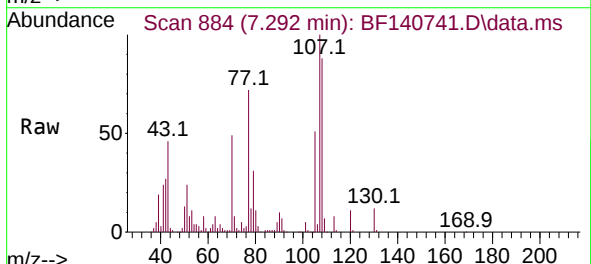
Ion	Ratio	Lower	Upper
70	100		
42	56.5	47.6	71.4
101	9.9	7.6	11.4
130	20.7	16.2	24.4

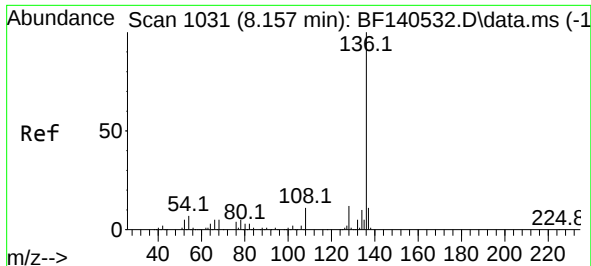


#20
3+4-Methylphenols
Concen: 58.744 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion: 107 Resp: 255823

Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.9	109.9
77	72.3	117.7	157.7#
79	31.2	13.4	53.4



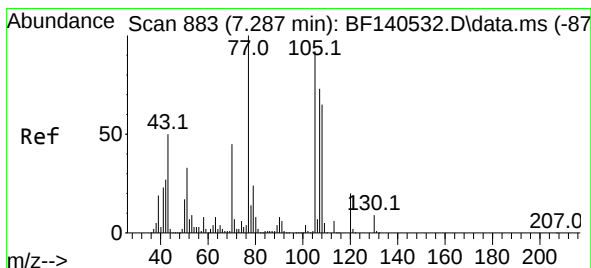
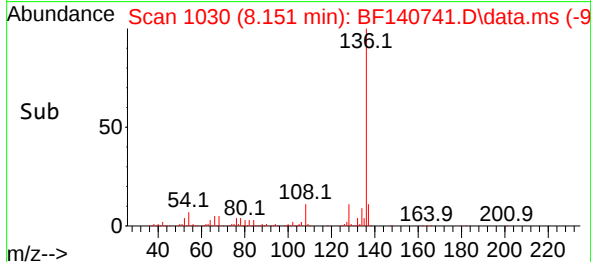
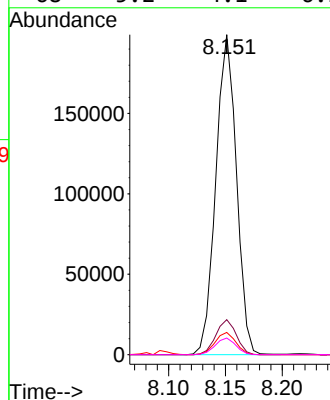
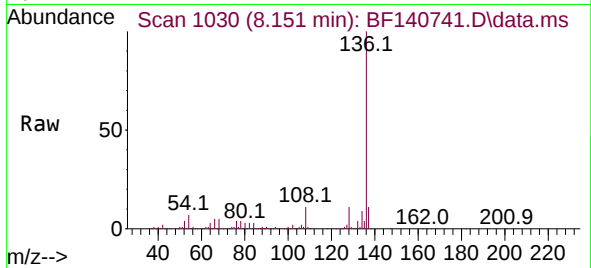


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Instrument :
BNA_F
ClientSampleId :
MH-738MSD

Tgt Ion:136 Resp: 251730

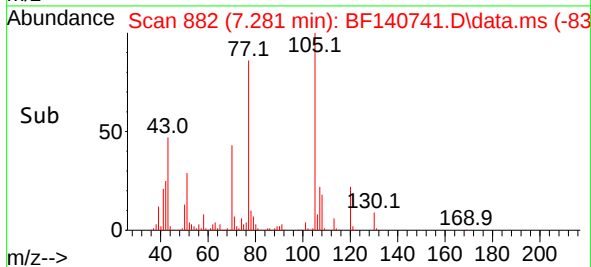
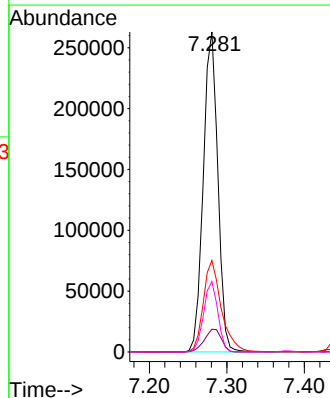
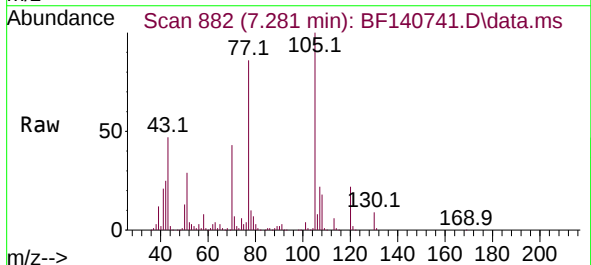
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	5.8	8.8
68	5.2	4.1	6.1

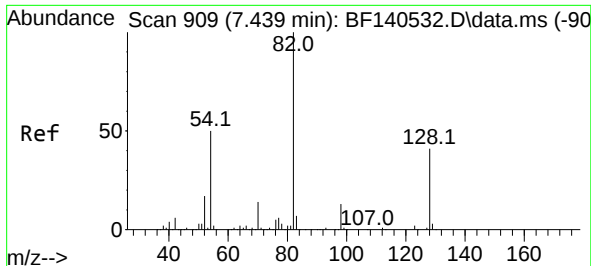


#22
Acetophenone
Concen: 55.951 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:105 Resp: 343373

Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.2	9.2
51	28.6	29.0	43.6#
120	22.0	17.4	26.0





#23

Nitrobenzene-d5

Concen: 80.033 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

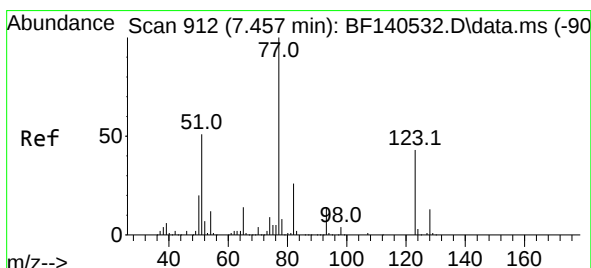
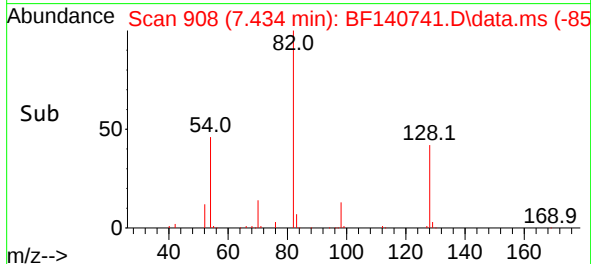
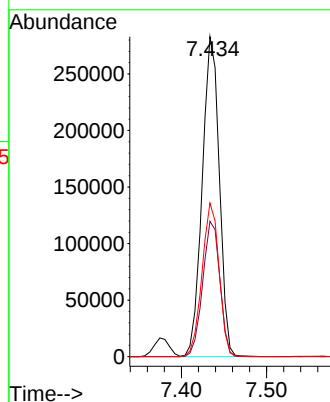
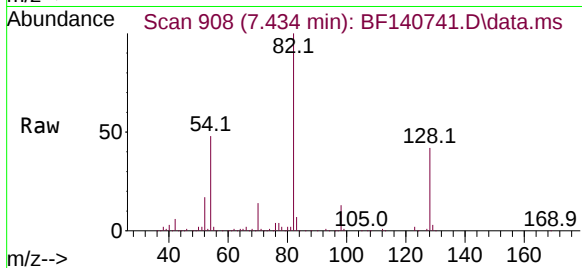
Tgt Ion: 82 Resp: 393871

Ion Ratio Lower Upper

82 100

128 42.3 33.0 49.4

54 48.0 39.5 59.3



#24

Nitrobenzene

Concen: 52.342 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

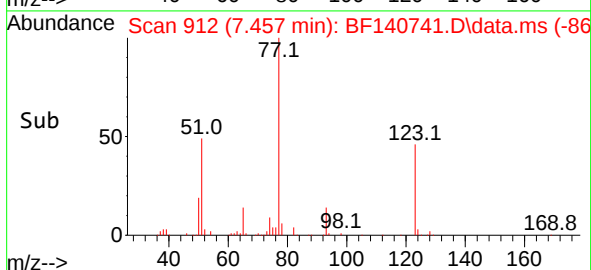
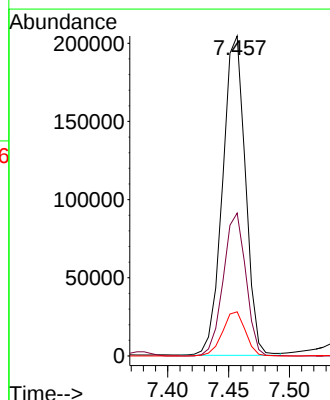
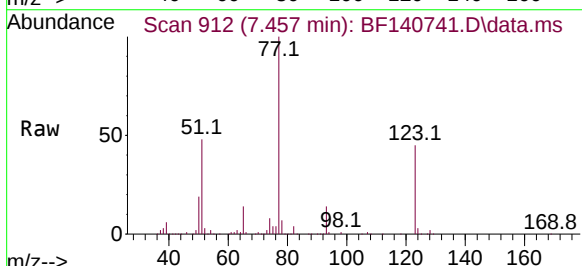
Tgt Ion: 77 Resp: 266230

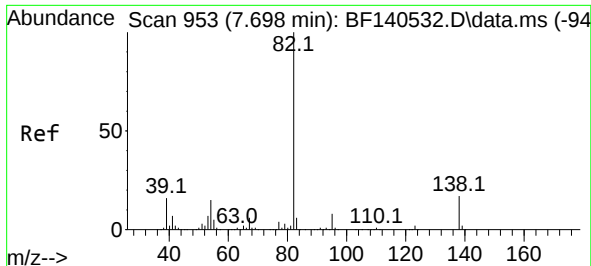
Ion Ratio Lower Upper

77 100

123 44.7 34.3 51.5

65 13.8 11.2 16.8

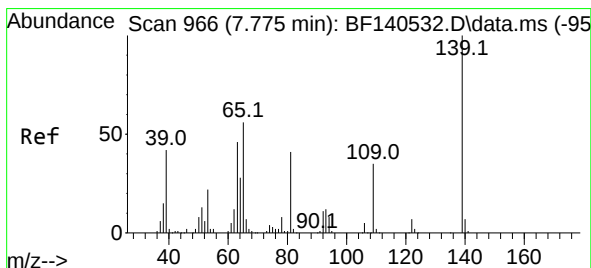
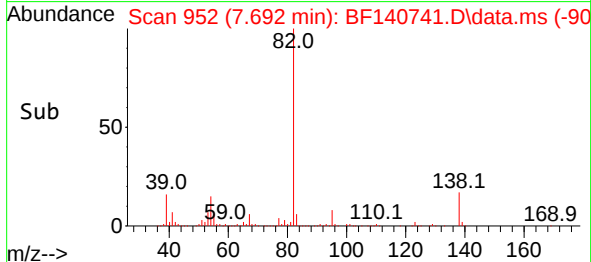
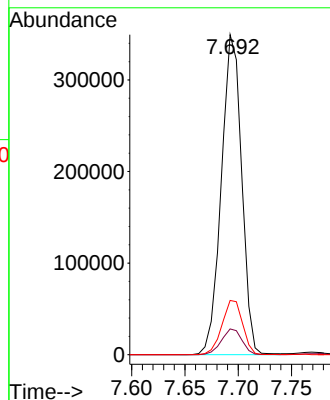
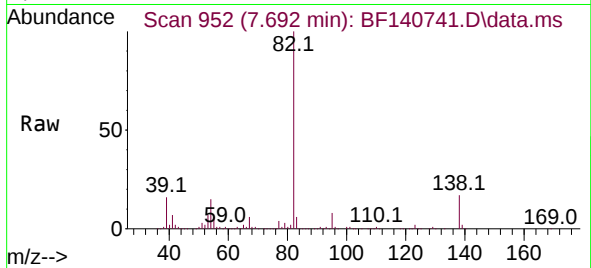




#25
Isophorone
Concen: 56.468 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

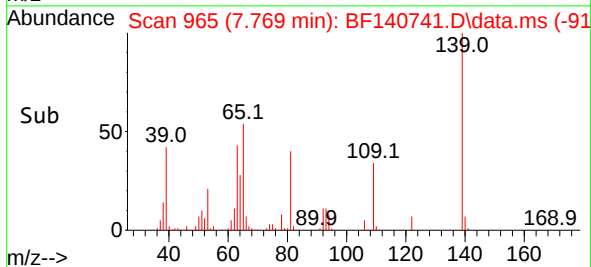
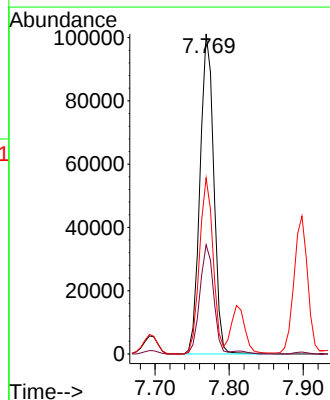
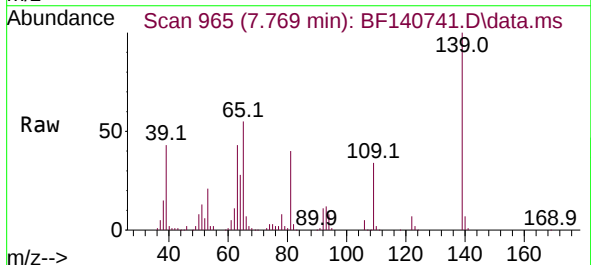
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

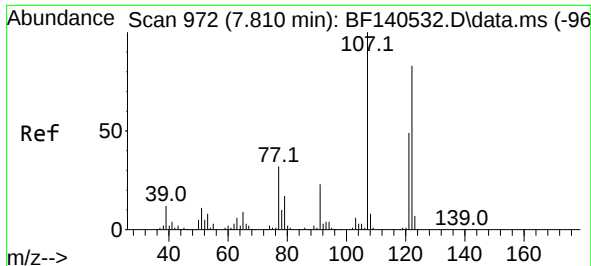
Tgt Ion: 82 Resp: 463520
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 16.9 13.8 20.6



#26
2-Nitrophenol
Concen: 57.764 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:139 Resp: 130204
Ion Ratio Lower Upper
139 100
109 34.1 28.0 42.0
65 55.0 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 67.950 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140741.D

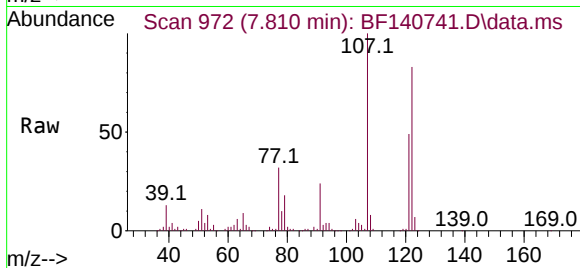
Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD



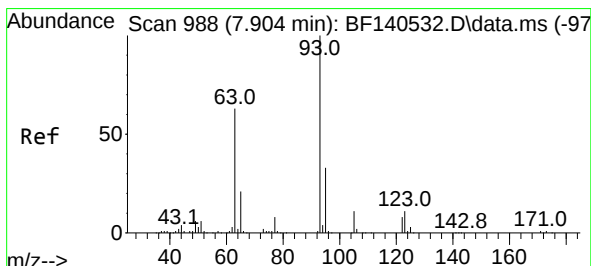
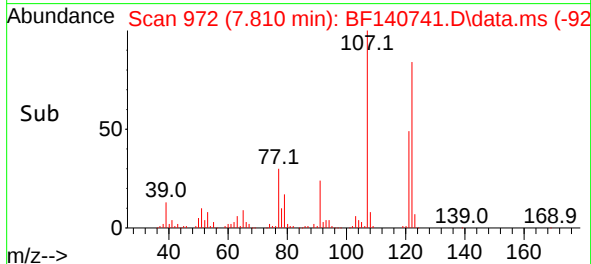
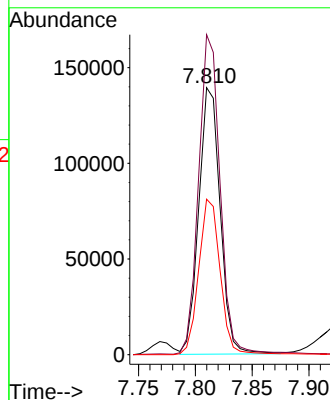
Tgt Ion:122 Resp: 183258

Ion Ratio Lower Upper

122 100

107 119.9 96.8 145.2

121 58.3 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 56.149 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

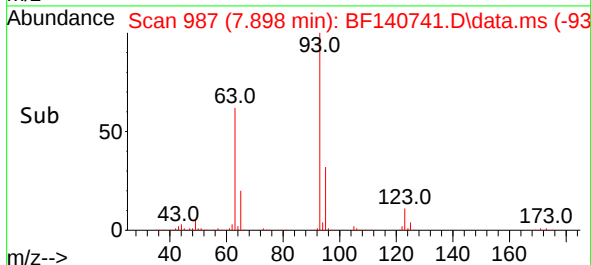
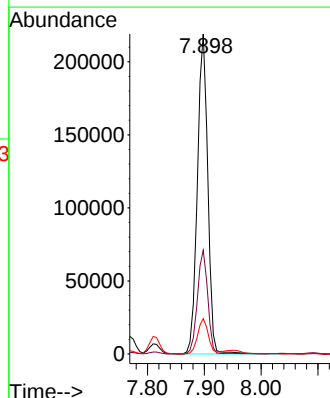
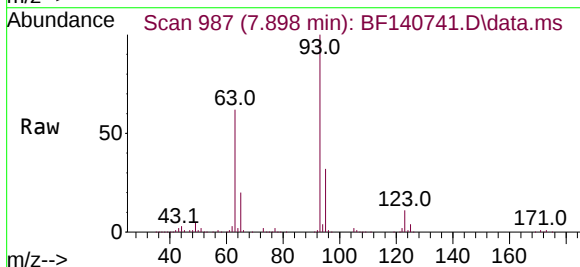
Tgt Ion: 93 Resp: 280779

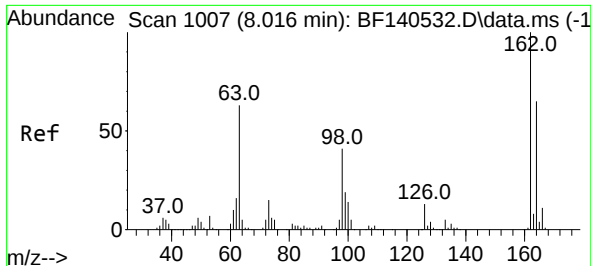
Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 58.148 ng

RT: 8.033 min Scan# 10

Delta R.T. 0.018 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

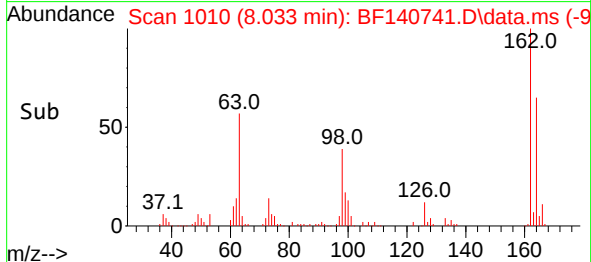
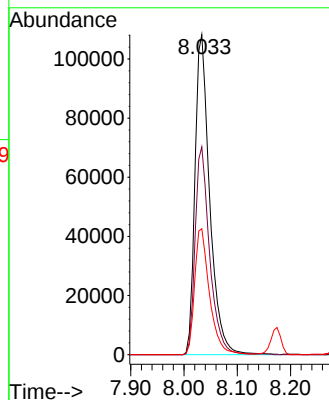
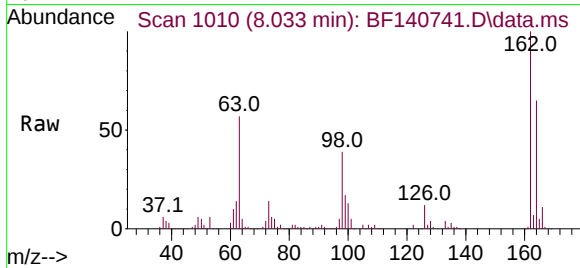
Tgt Ion:162 Resp: 207800

Ion Ratio Lower Upper

162 100

164 64.9 44.8 84.8

98 39.4 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 53.747 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

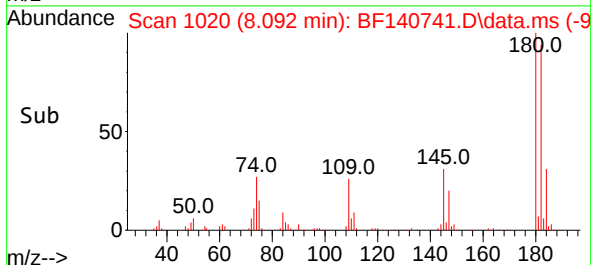
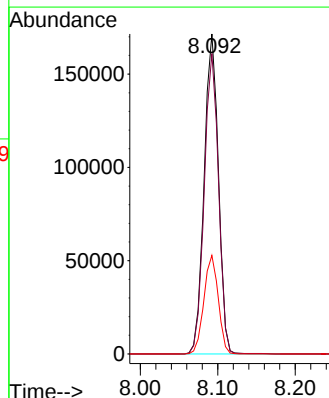
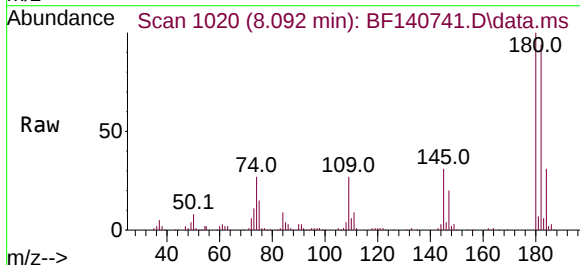
Tgt Ion:180 Resp: 219303

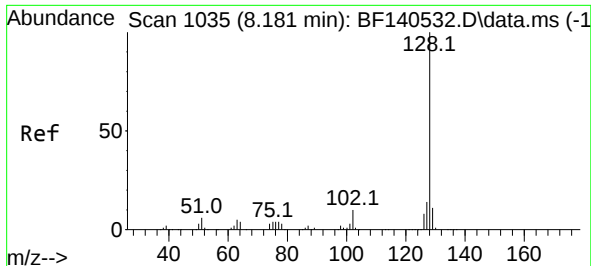
Ion Ratio Lower Upper

180 100

182 93.8 76.4 114.6

145 30.8 25.9 38.9

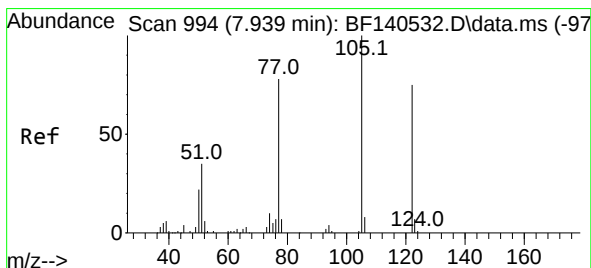
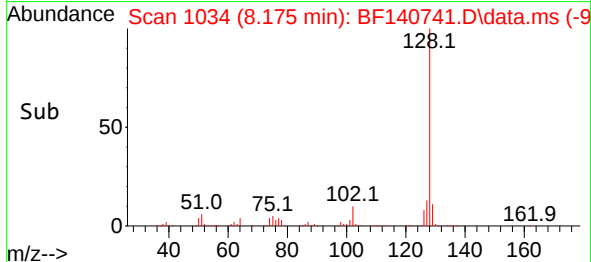
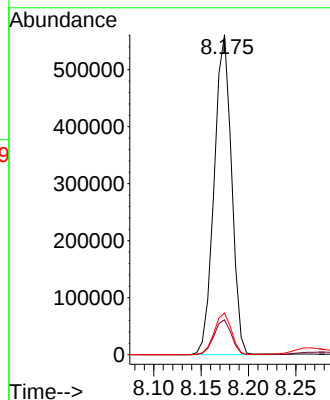
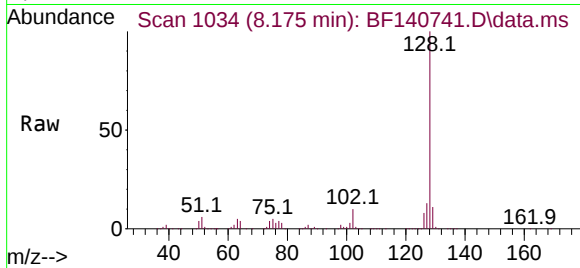




#31
Naphthalene
Concen: 55.394 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

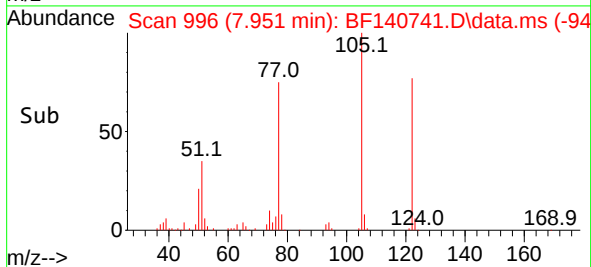
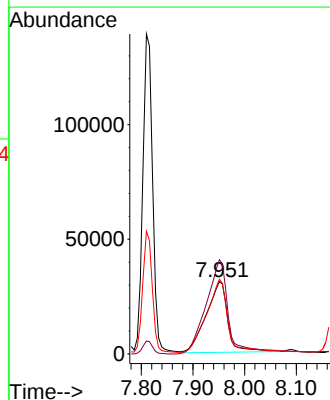
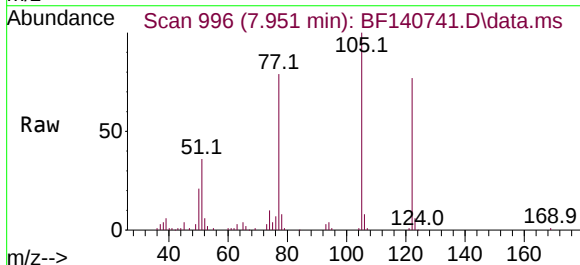
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

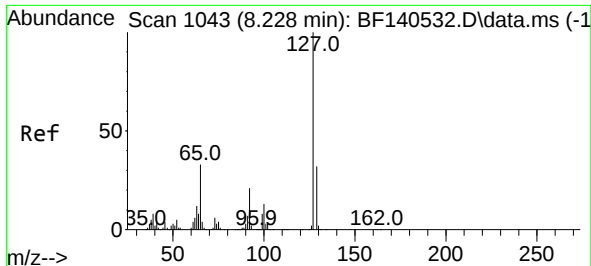
Tgt Ion:128 Resp: 718261
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 39.782 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:122 Resp: 89965
Ion Ratio Lower Upper
122 100
105 130.4 109.3 149.3
77 103.3 82.3 122.3

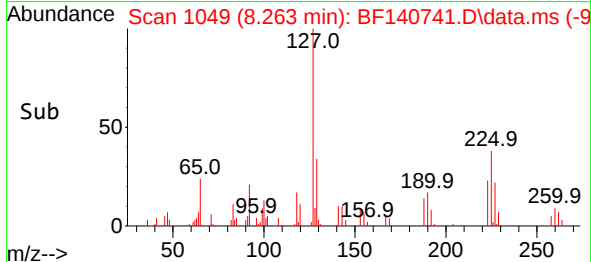
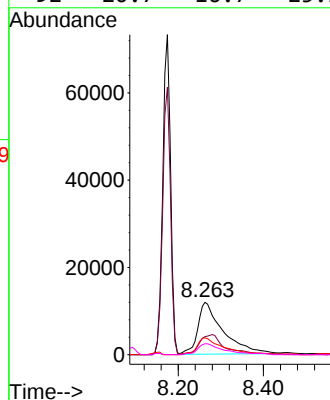
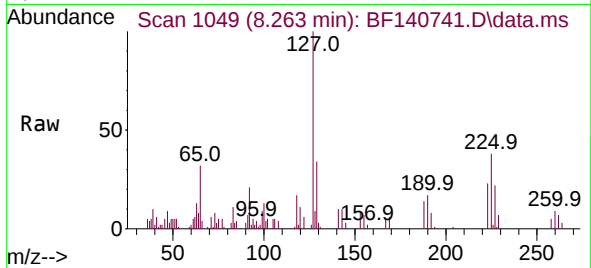




#33
4-Chloroaniline
Concen: 12.578 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.035 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

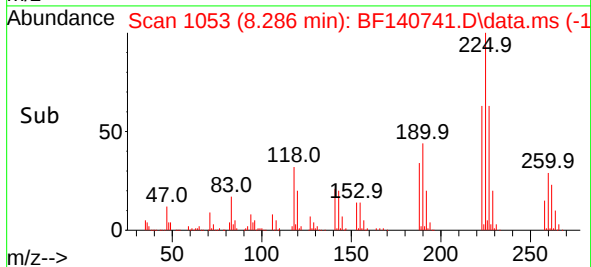
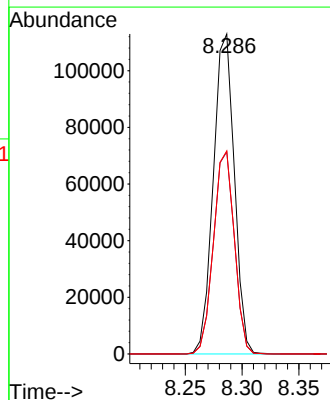
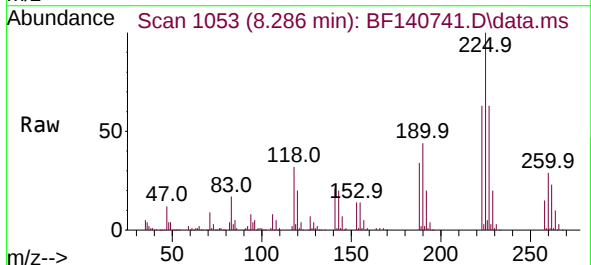
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

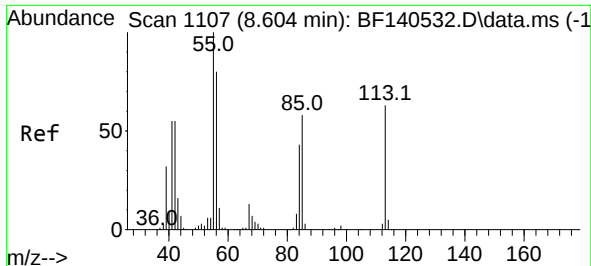
Tgt Ion:	127	Resp:	48830
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.0	39.0
65	32.0	26.0	39.0
92	20.7	16.7	25.1



#34
Hexachlorobutadiene
Concen: 53.828 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:	225	Resp:	145477
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.8
227	63.5	51.3	76.9

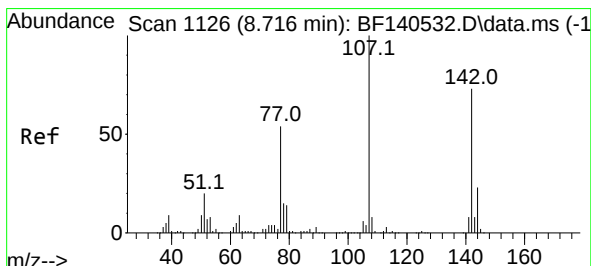
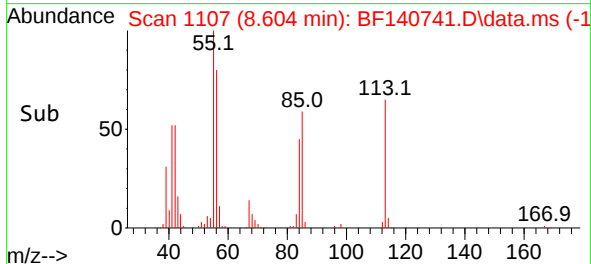
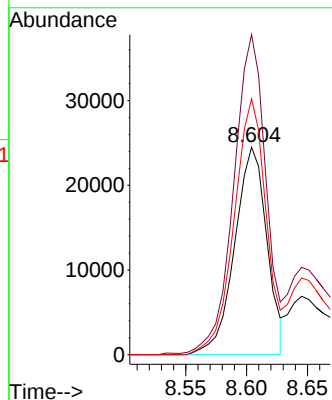
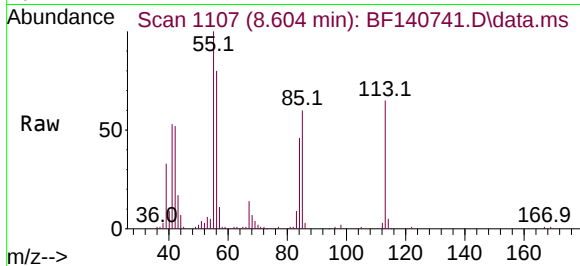




#35
 Caprolactam
 Concen: 40.767 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF140741.D
 Acq: 04 Dec 2024 21:41

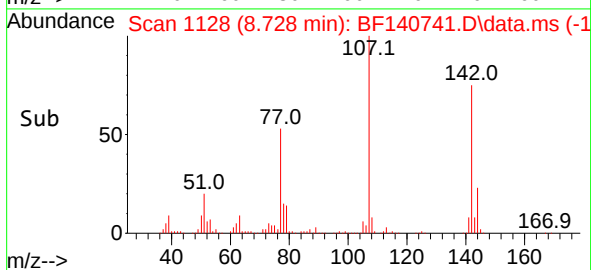
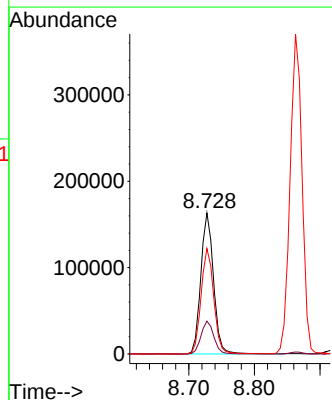
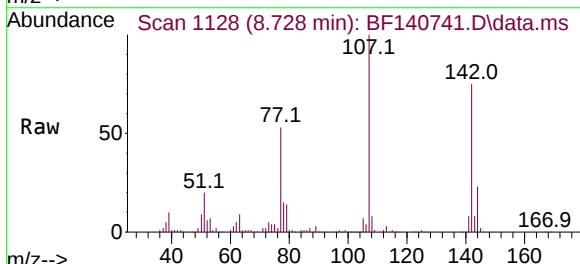
Instrument :
 BNA_F
 ClientSampleId :
 MH-738MSD

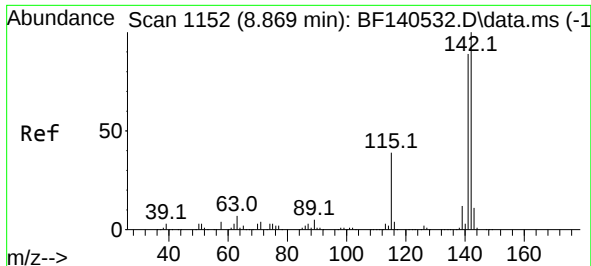
Tgt Ion:113 Resp: 45085
 Ion Ratio Lower Upper
 113 100
 55 154.2 137.7 177.7
 56 123.3 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 55.224 ng
 RT: 8.728 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: BF140741.D
 Acq: 04 Dec 2024 21:41

Tgt Ion:107 Resp: 220961
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.7 28.1
 142 74.8 58.3 87.5





#37

2-Methylnaphthalene

Concen: 57.009 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

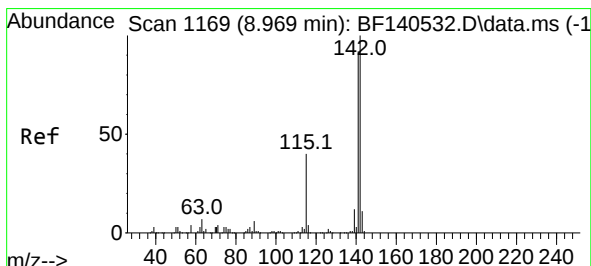
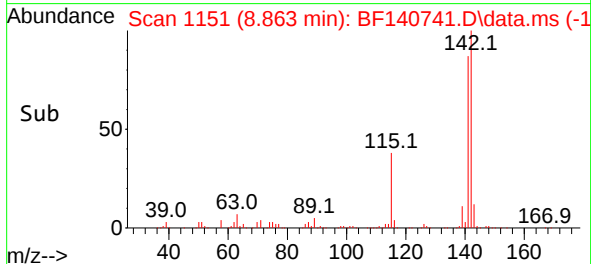
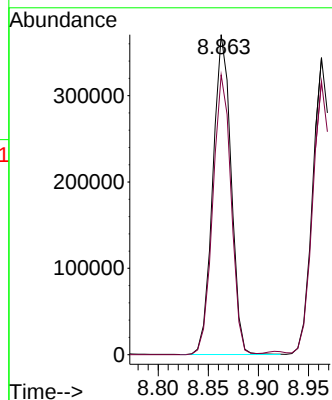
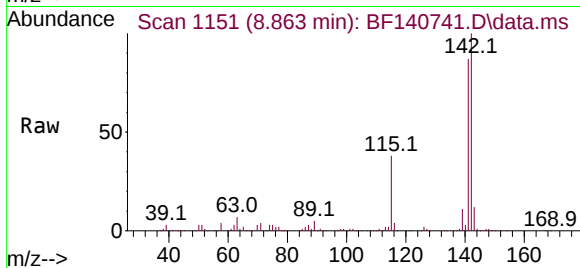
MH-738MSD

Tgt Ion:142 Resp: 469508

Ion Ratio Lower Upper

142 100

141 87.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 53.254 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140741.D

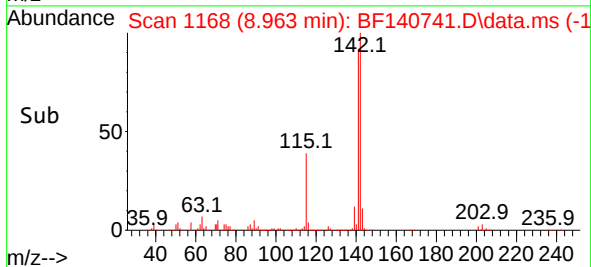
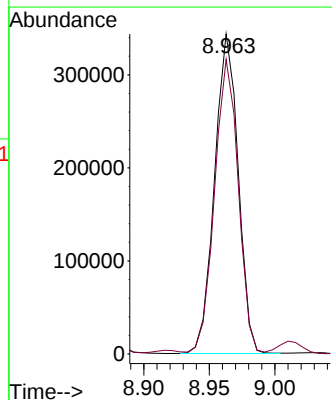
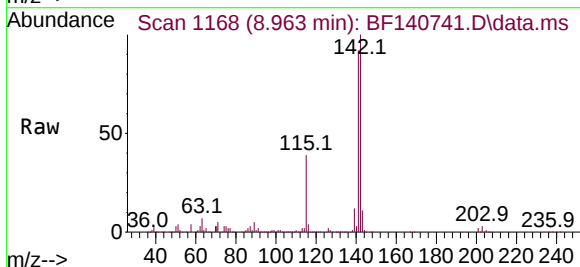
Acq: 04 Dec 2024 21:41

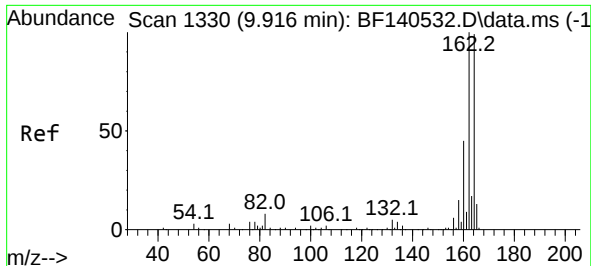
Tgt Ion:142 Resp: 429894

Ion Ratio Lower Upper

142 100

141 92.0 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

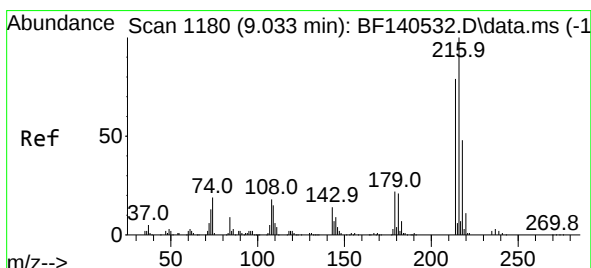
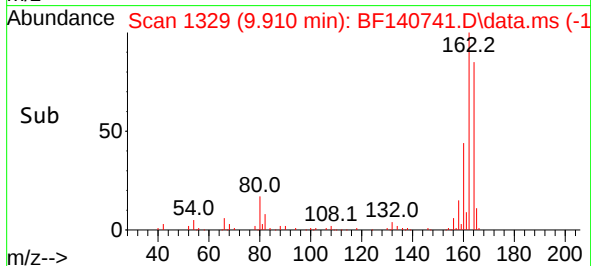
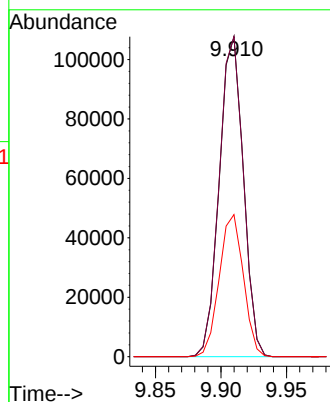
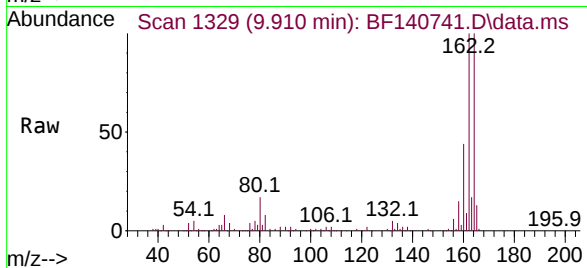
Tgt Ion:164 Resp: 137371

Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

160 44.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.222 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Tgt Ion:216 Resp: 230122

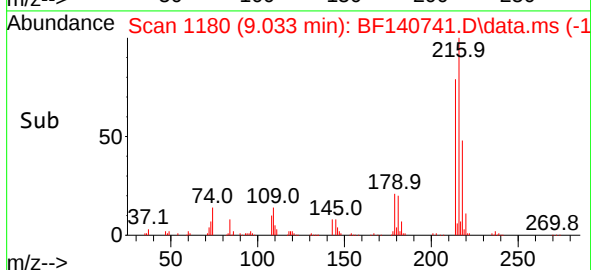
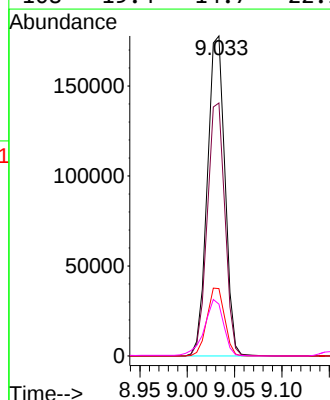
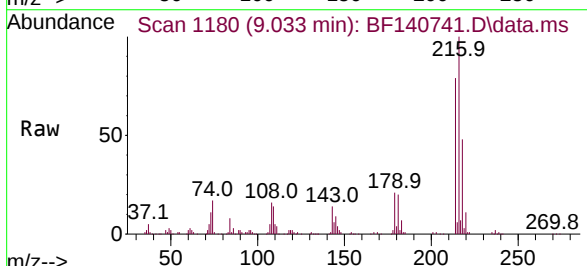
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 21.3 17.5 26.3

108 19.4 14.7 22.1

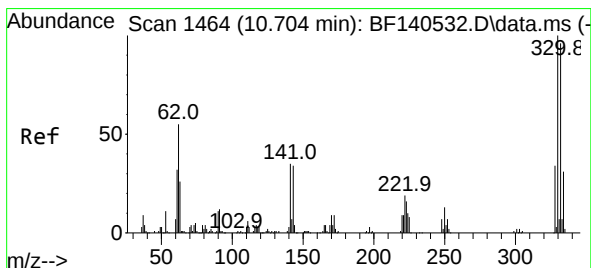
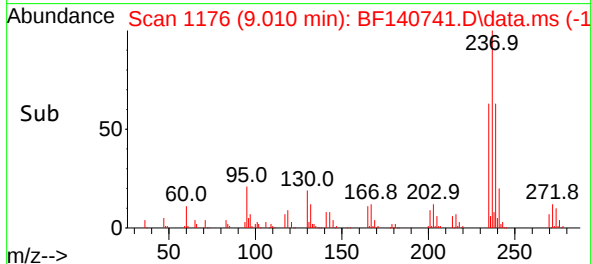
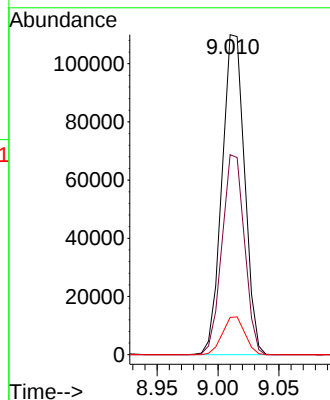
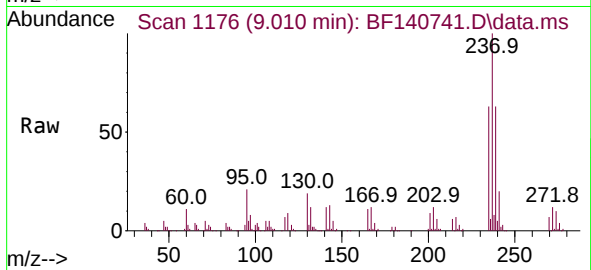




#41
Hexachlorocyclopentadiene
Concen: 150.350 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

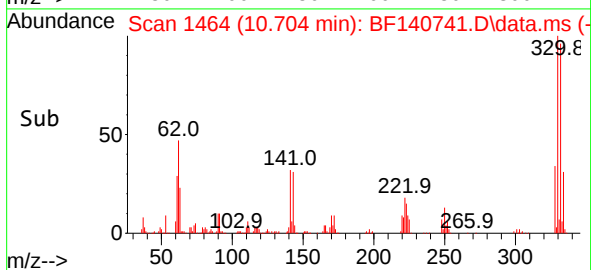
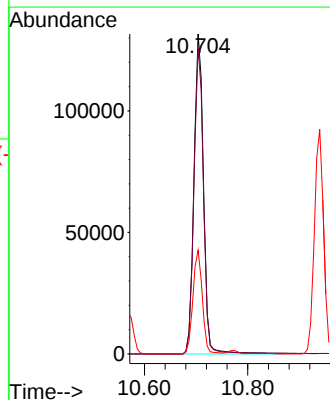
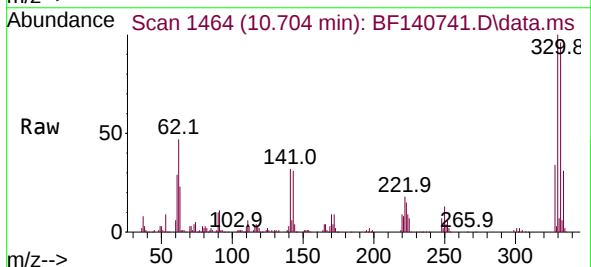
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

Tgt Ion:237 Resp: 142287
Ion Ratio Lower Upper
237 100
235 62.5 41.1 81.1
272 11.7 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 115.271 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:330 Resp: 169356
Ion Ratio Lower Upper
330 100
332 95.3 76.9 115.3
141 31.8 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 56.593 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

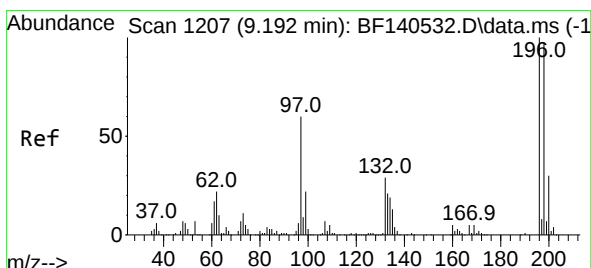
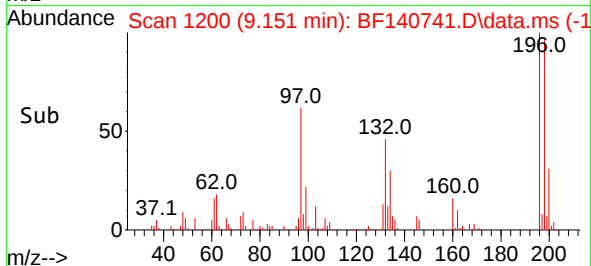
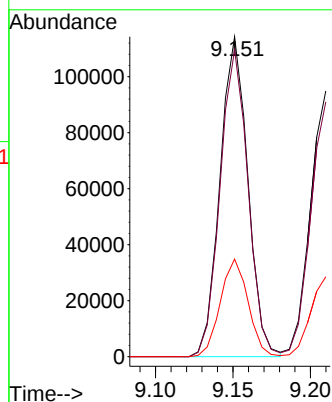
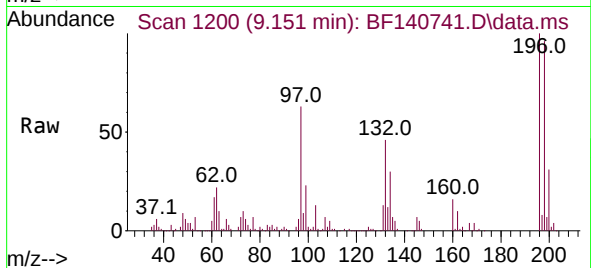
Tgt Ion:196 Resp: 142811

Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

200 30.5 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 53.977 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.018 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Tgt Ion:196 Resp: 147826

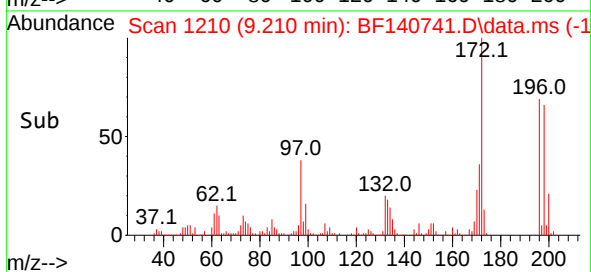
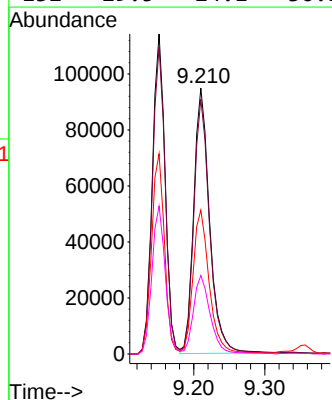
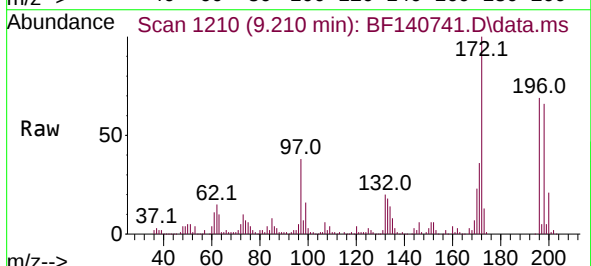
Ion Ratio Lower Upper

196 100

198 95.9 77.2 115.8

97 54.1 47.1 70.7

132 29.5 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 82.054 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

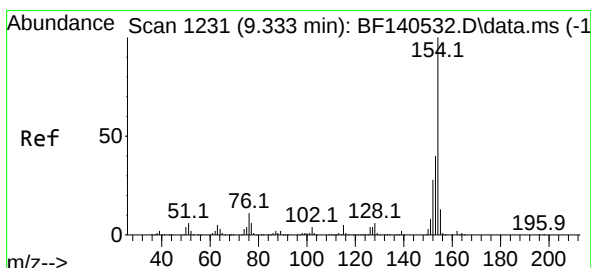
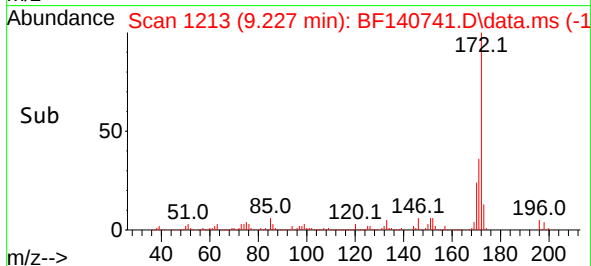
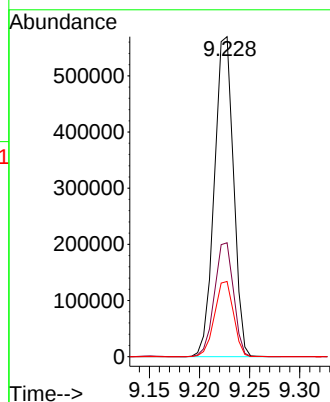
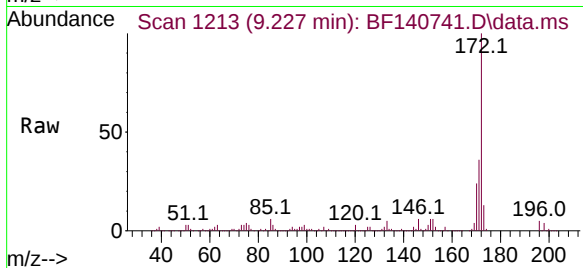
Tgt Ion:172 Resp: 756525

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 56.481 ng

RT: 9.327 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

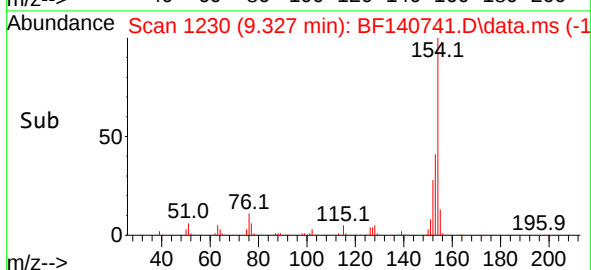
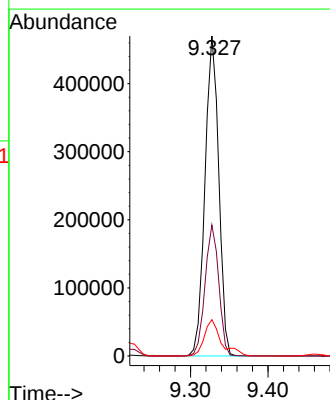
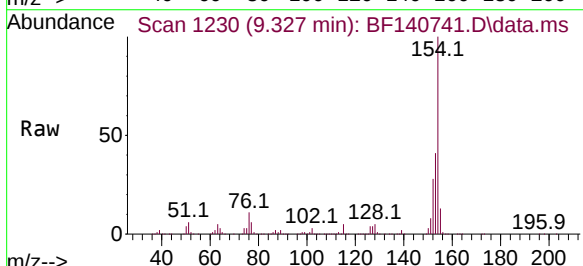
Tgt Ion:154 Resp: 579282

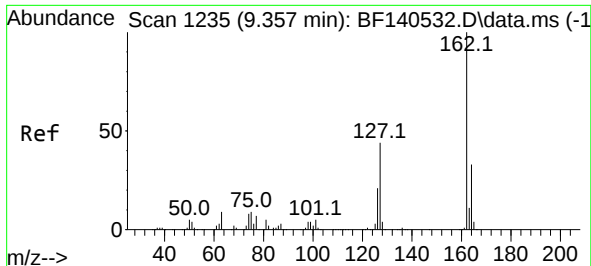
Ion Ratio Lower Upper

154 100

153 40.9 20.4 60.4

76 11.4 0.0 31.2





#47

2-Chloronaphthalene

Concen: 54.730 ng

RT: 9.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

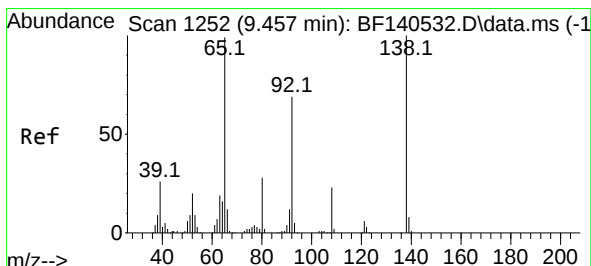
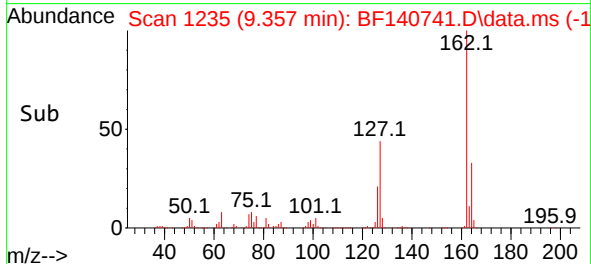
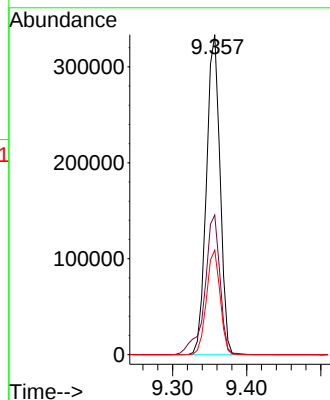
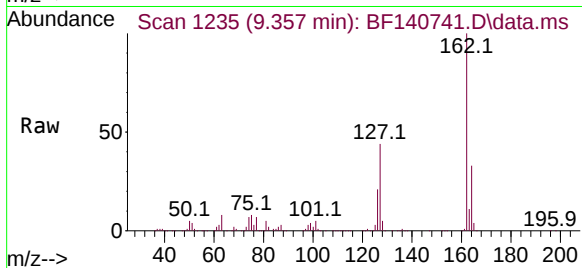
Tgt Ion:162 Resp: 425331

Ion Ratio Lower Upper

162 100

127 43.7 35.7 53.5

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 55.485 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

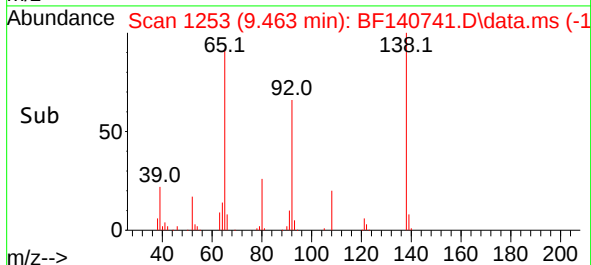
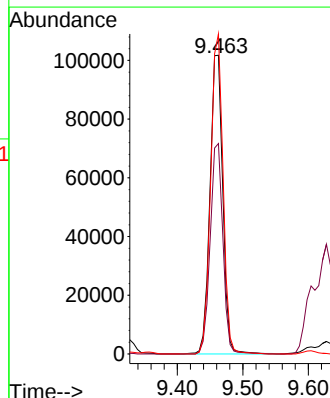
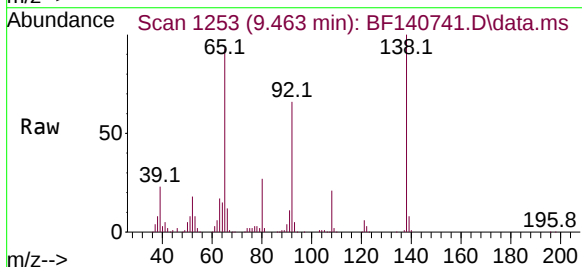
Tgt Ion: 65 Resp: 138404

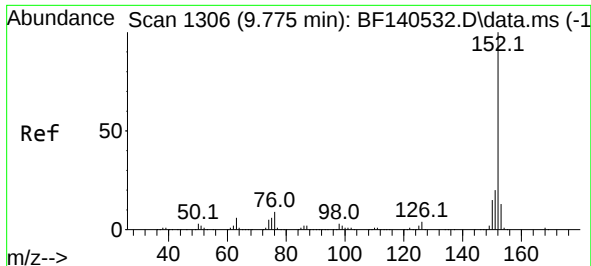
Ion Ratio Lower Upper

65 100

92 70.4 56.1 84.1

138 107.1 81.0 121.6





#49

Acenaphthylene

Concen: 59.112 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

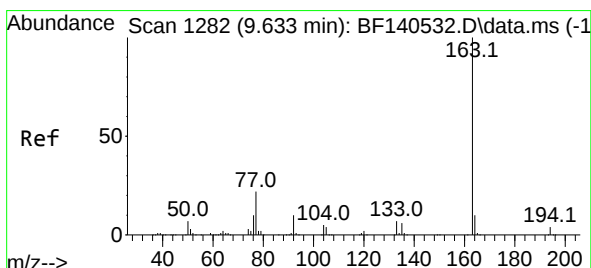
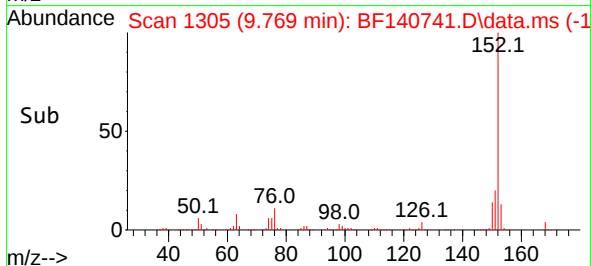
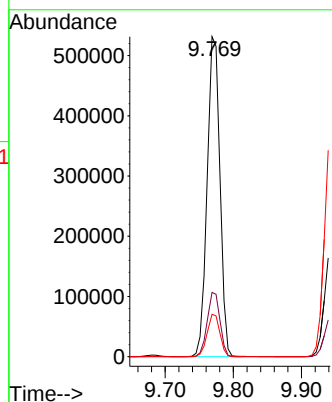
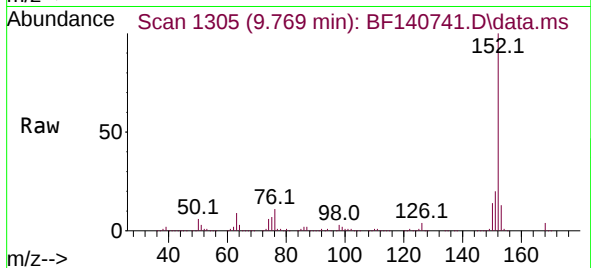
Tgt Ion:152 Resp: 694090

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 58.160 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

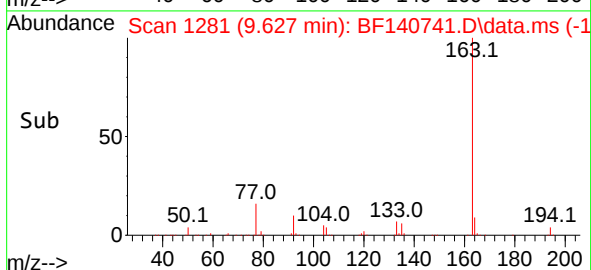
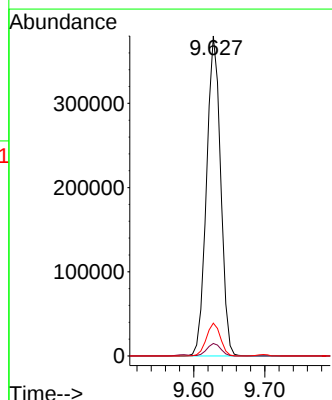
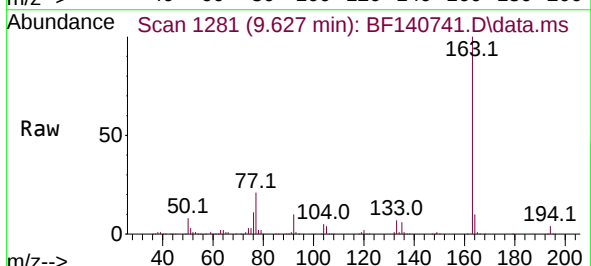
Tgt Ion:163 Resp: 526185

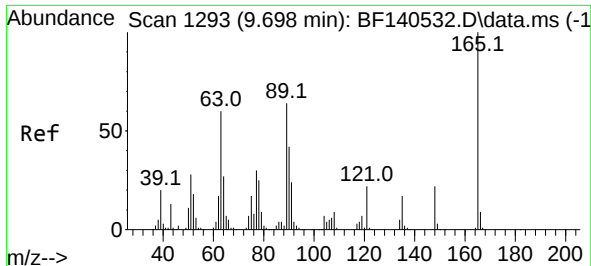
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 55.242 ng

RT: 9.698 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

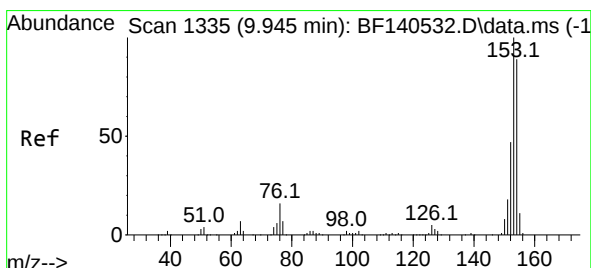
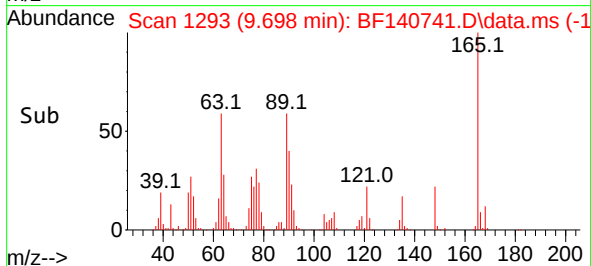
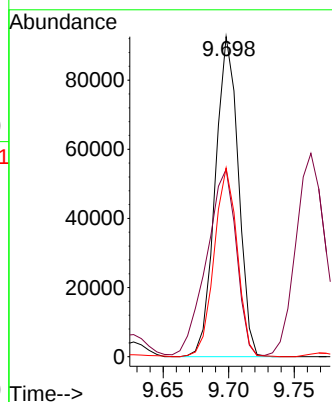
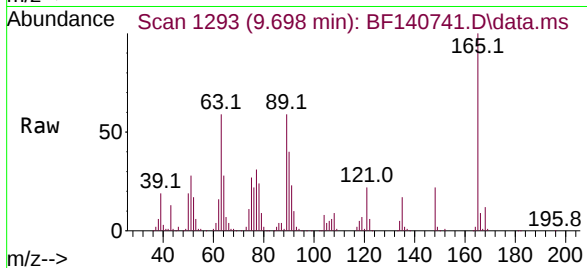
Tgt Ion:165 Resp: 113349

Ion Ratio Lower Upper

165 100

63 58.6 49.9 74.9

89 59.0 50.9 76.3



#52

Acenaphthene

Concen: 56.558 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

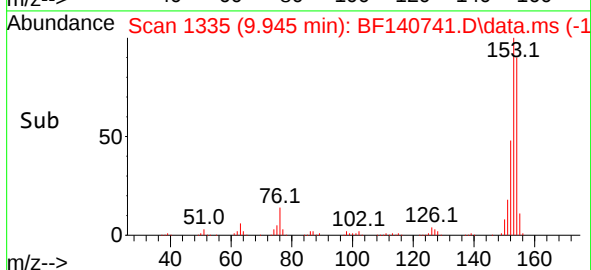
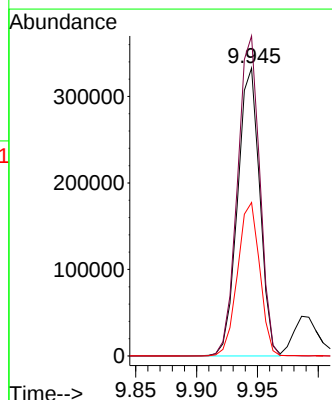
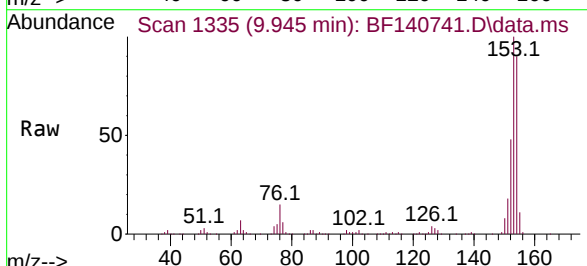
Tgt Ion:154 Resp: 421968

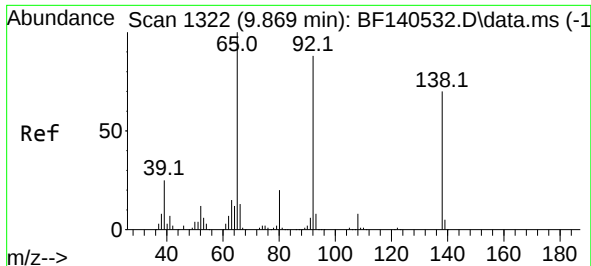
Ion Ratio Lower Upper

154 100

153 111.2 89.7 134.5

152 53.3 42.5 63.7

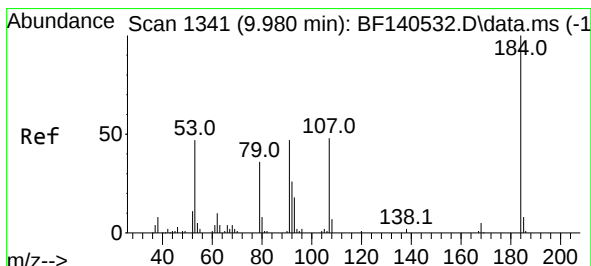
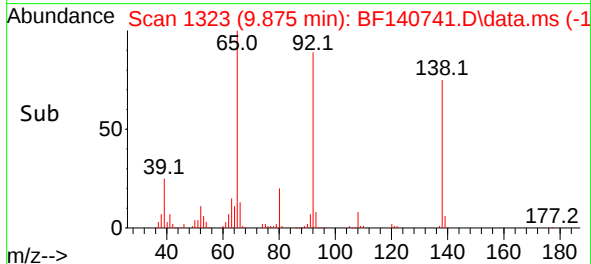
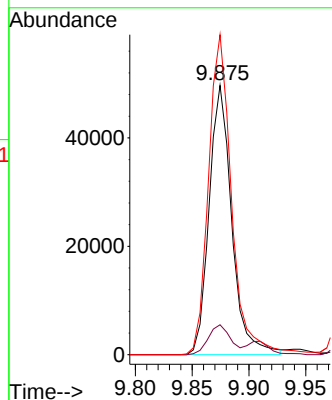
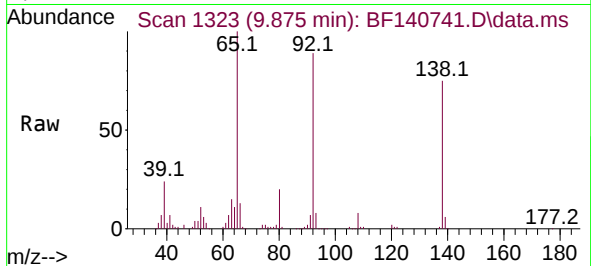




#53
3-Nitroaniline
Concen: 34.317 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

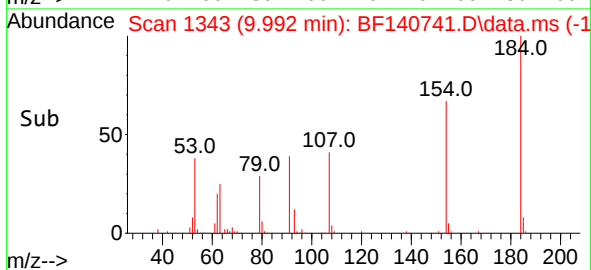
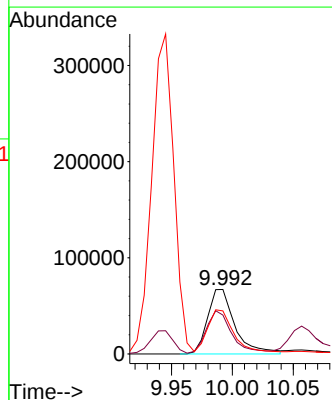
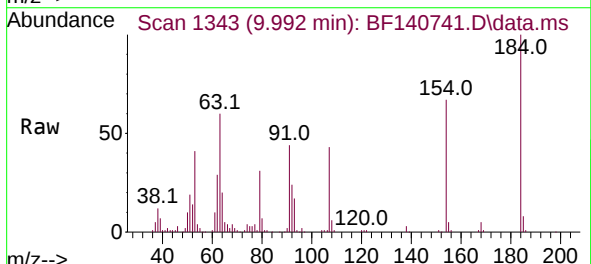
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

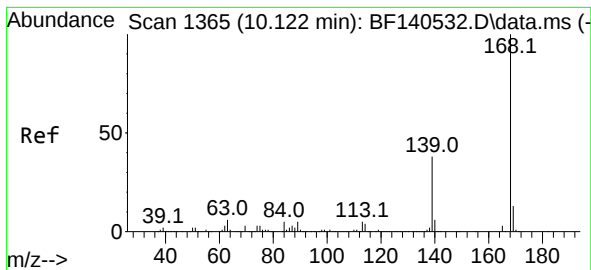
Tgt Ion:138 Resp: 68868
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 118.8 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 96.913 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:184 Resp: 104934
Ion Ratio Lower Upper
184 100
63 60.3 54.1 81.1
154 66.8 57.4 86.0





#55

Dibenzenofuran

Concen: 55.665 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

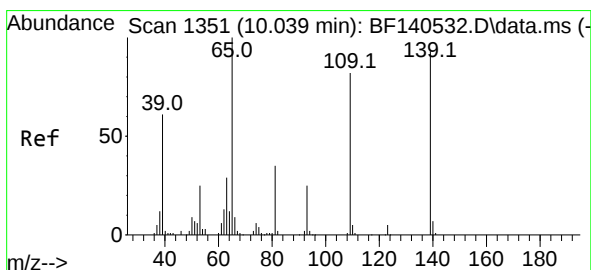
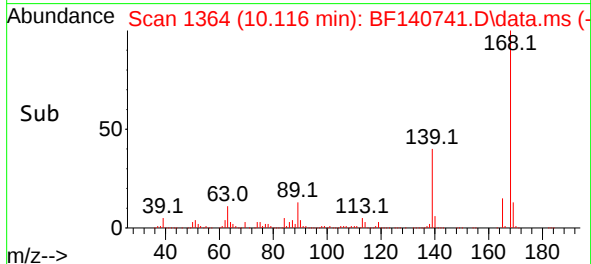
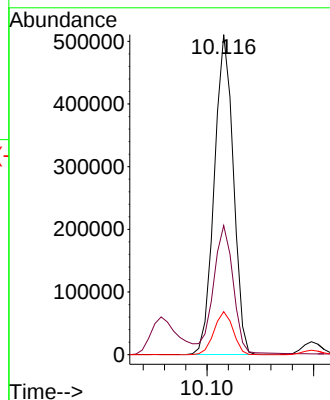
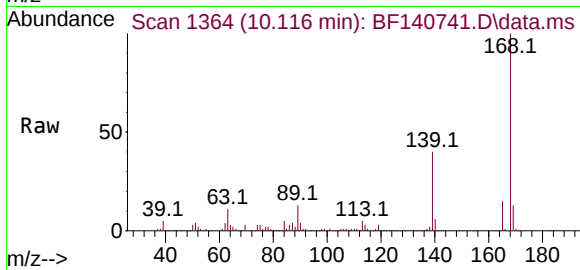
Tgt Ion:168 Resp: 633476

Ion Ratio Lower Upper

168 100

139 40.3 31.3 46.9

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 77.428 ng

RT: 10.057 min Scan# 1354

Delta R.T. 0.018 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

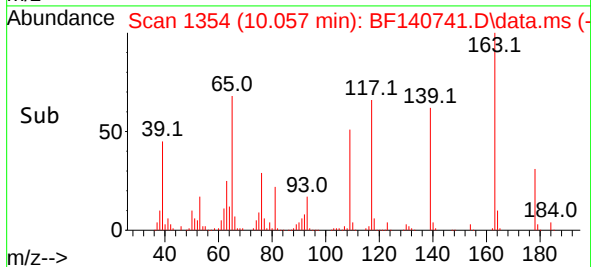
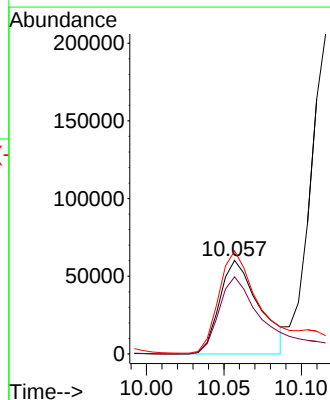
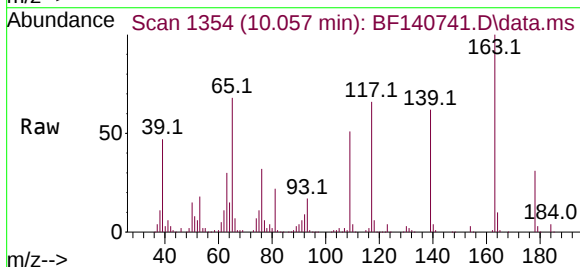
Tgt Ion:139 Resp: 105971

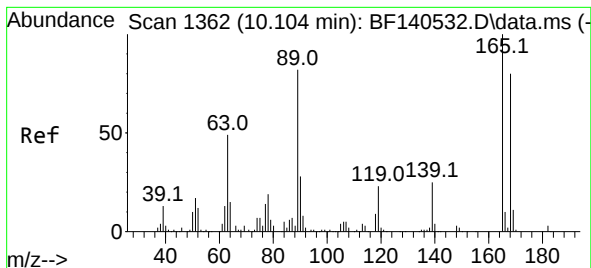
Ion Ratio Lower Upper

139 100

109 82.5 68.4 108.4

65 110.2 88.6 128.6

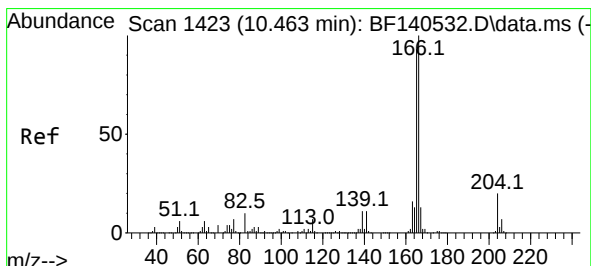
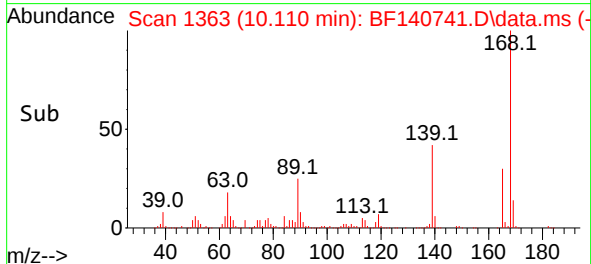
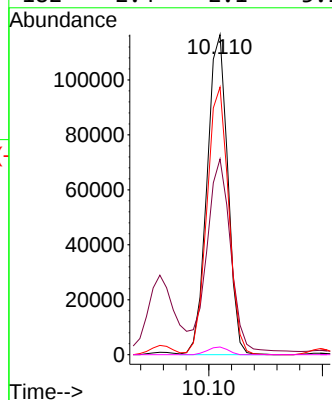
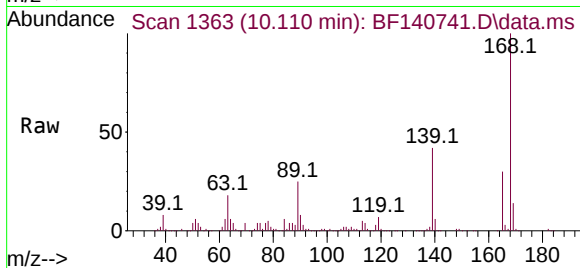




#57
2,4-Dinitrotoluene
Concen: 54.089 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

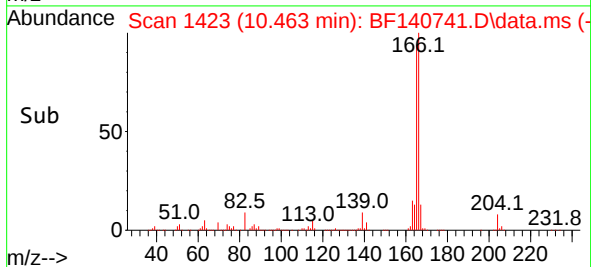
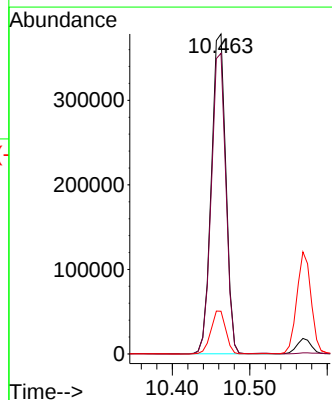
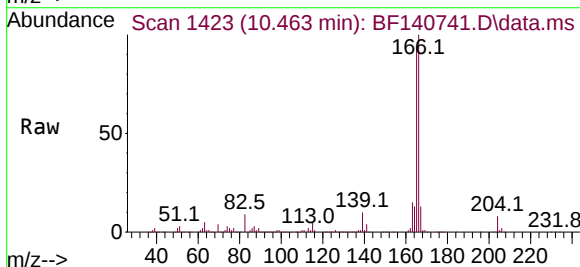
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

Tgt Ion:165 Resp: 147499
Ion Ratio Lower Upper
165 100
63 61.2 41.7 62.5
89 83.6 65.8 98.8
182 2.4 2.1 3.1



#58
Fluorene
Concen: 54.025 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:166 Resp: 493490
Ion Ratio Lower Upper
166 100
165 94.0 74.6 111.8
167 13.3 10.6 16.0

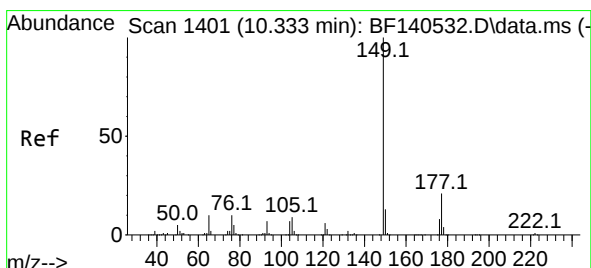
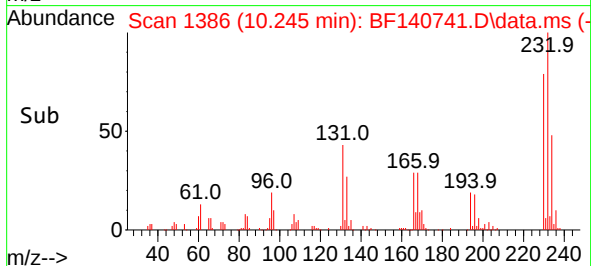
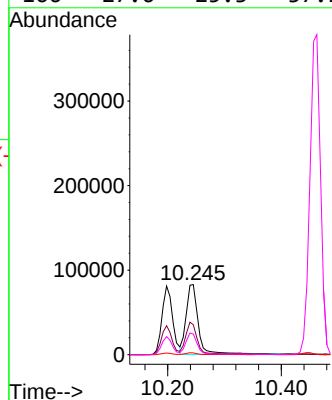
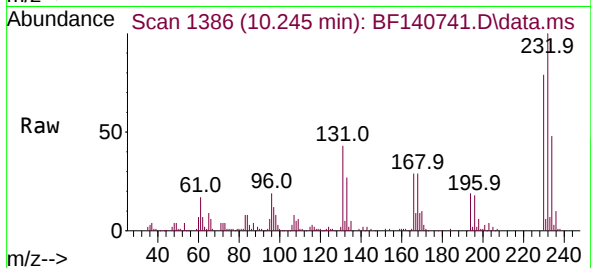




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.943 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

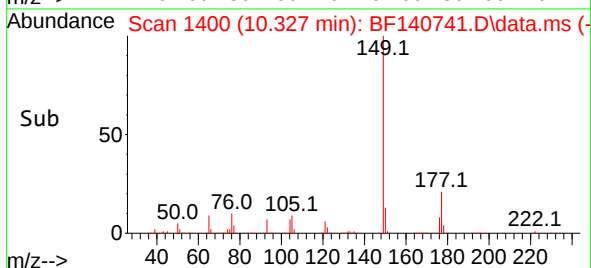
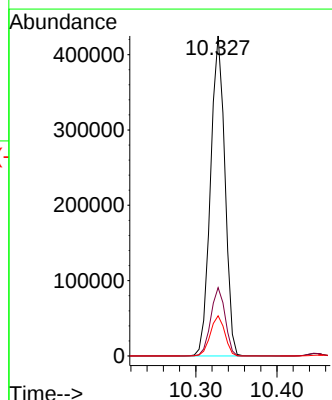
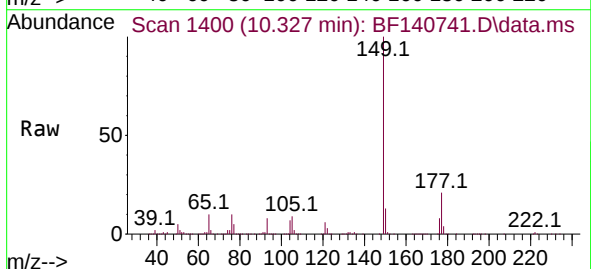
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

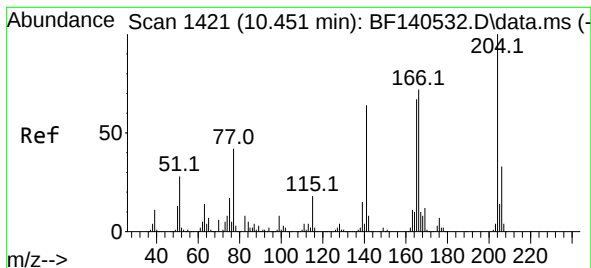
Tgt Ion:232 Resp: 121958
Ion Ratio Lower Upper
232 100
131 43.0 39.6 59.4
130 2.2 1.9 2.9
166 27.6 25.3 37.9



#60
Diethylphthalate
Concen: 56.711 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:149 Resp: 521296
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.5 10.1 15.1

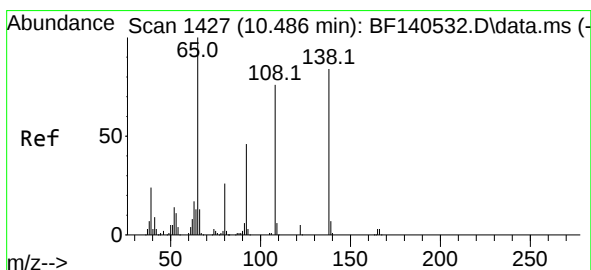
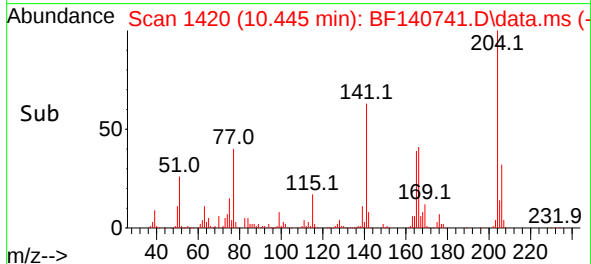
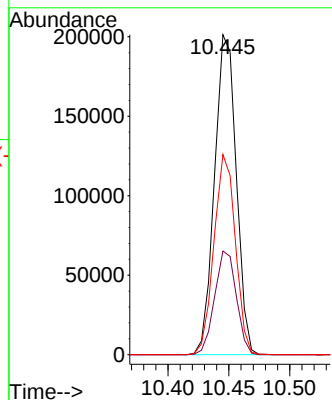
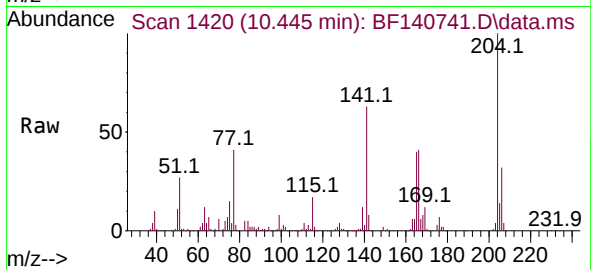




#61
4-Chlorophenyl-phenylether
Concen: 55.790 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

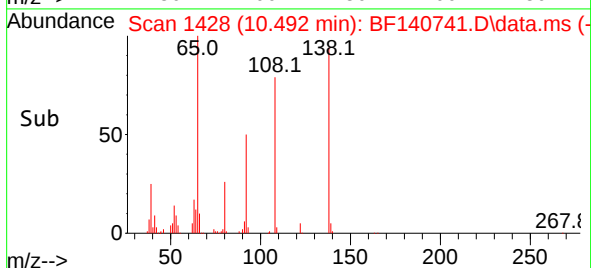
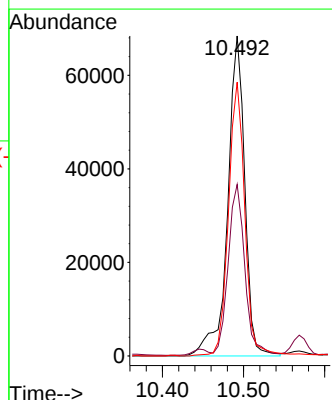
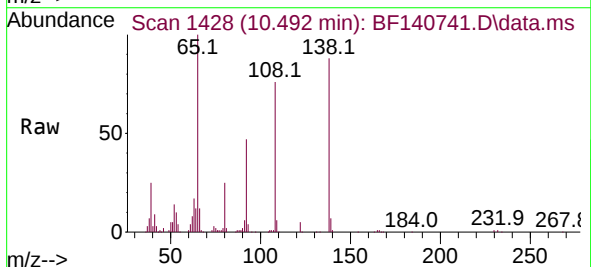
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

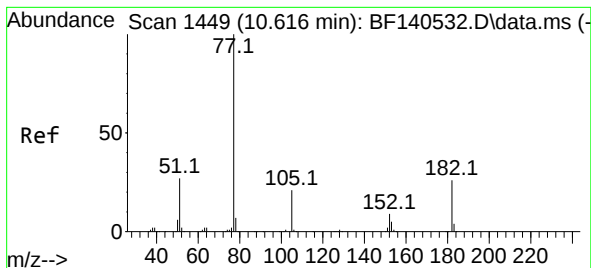
Tgt Ion:204 Resp: 250093
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 62.5 51.1 76.7



#62
4-Nitroaniline
Concen: 47.639 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:138 Resp: 100269
Ion Ratio Lower Upper
138 100
92 53.6 34.5 74.5
108 85.6 70.6 110.6





#63

Azobenzene

Concen: 58.305 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

Tgt Ion: 77 Resp: 507539

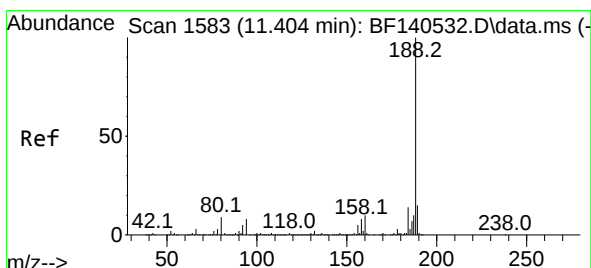
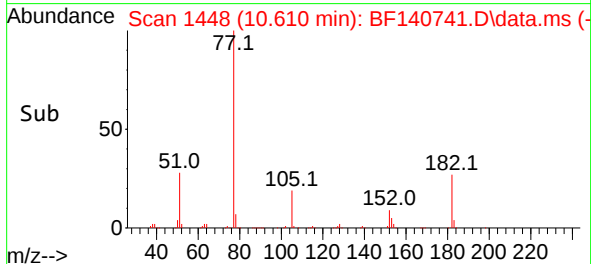
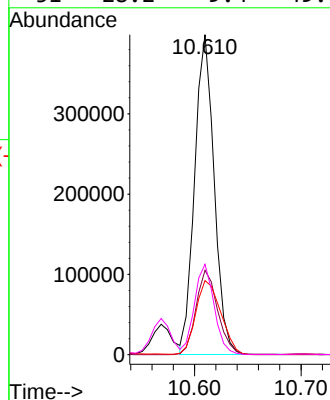
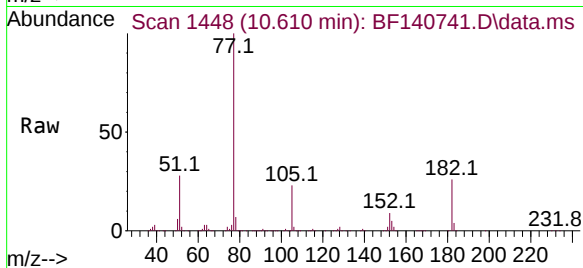
Ion Ratio Lower Upper

77 100

182 26.3 5.3 45.3

105 23.1 0.3 40.3

51 28.2 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

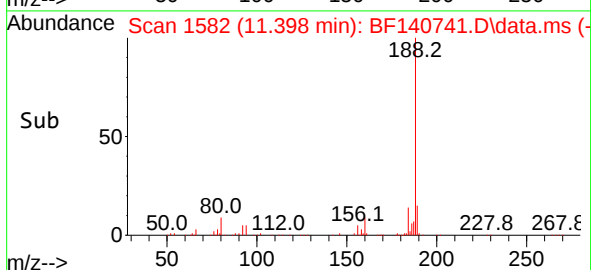
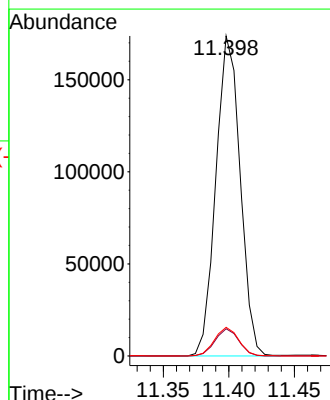
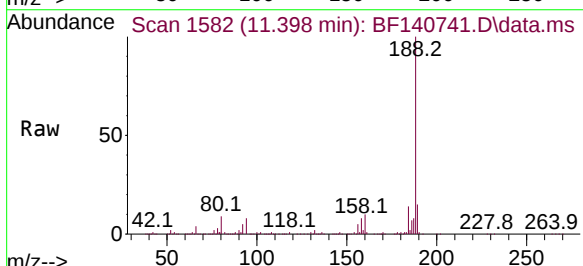
Tgt Ion: 188 Resp: 223576

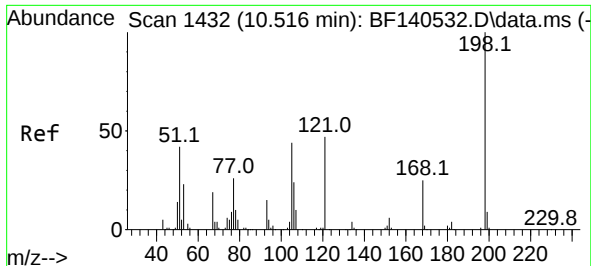
Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.0 6.9 10.3

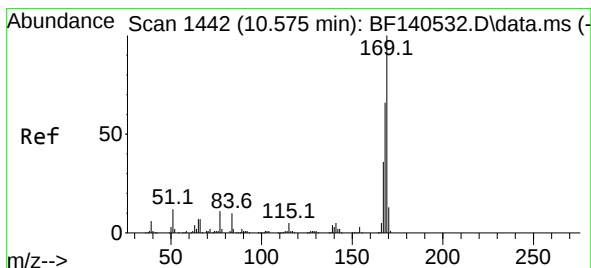
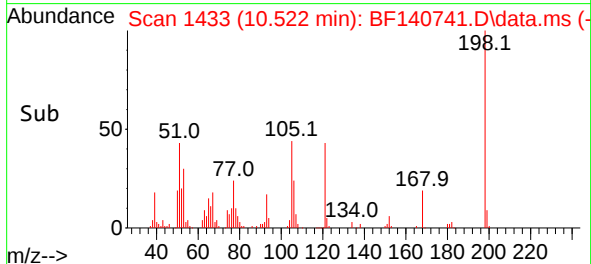
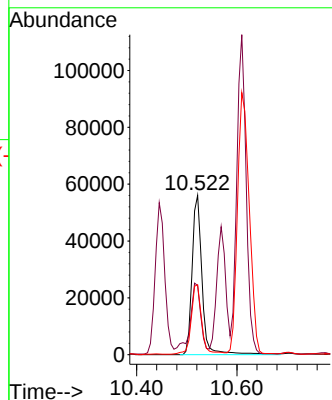
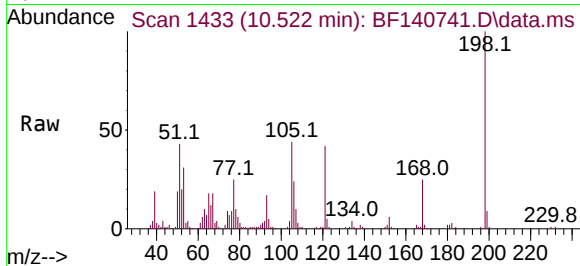




#65
4,6-Dinitro-2-methylphenol
Concen: 68.011 ng
RT: 10.522 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

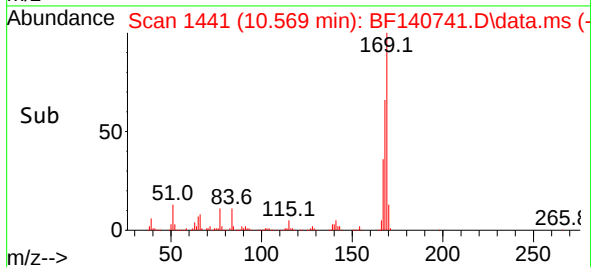
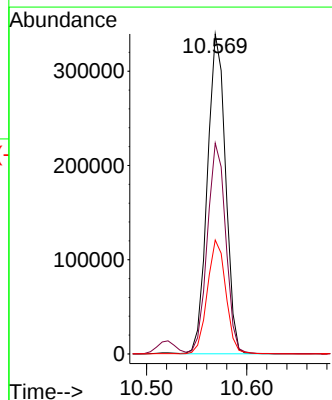
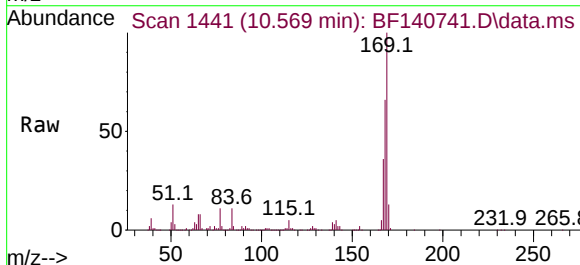
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

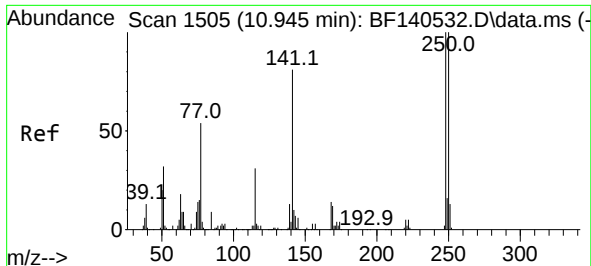
Tgt Ion:198 Resp: 77701
Ion Ratio Lower Upper
198 100
51 43.4 29.4 69.4
105 43.9 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 64.577 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:169 Resp: 426966
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 35.6 29.0 43.6

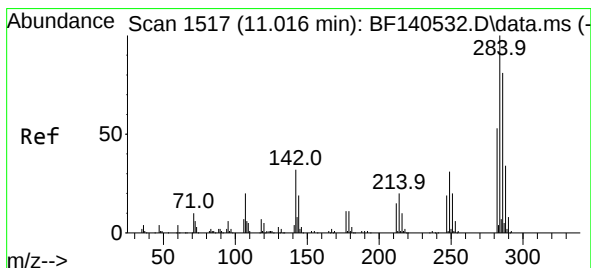
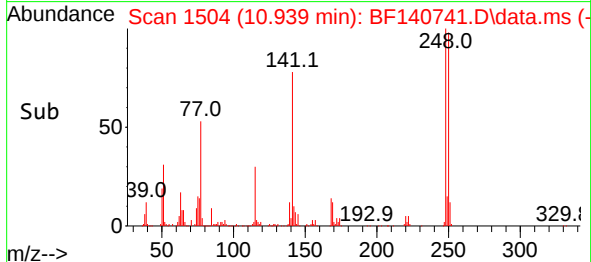
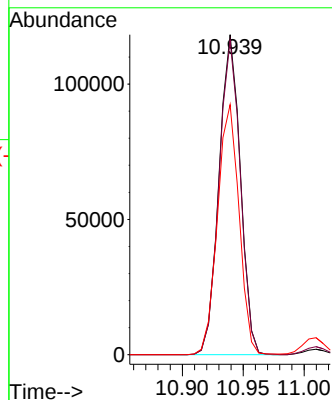
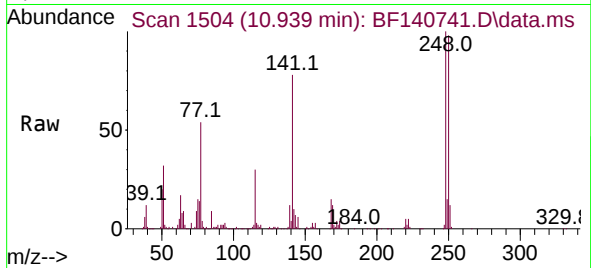




#67
4-Bromophenyl-phenylether
Concen: 62.549 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

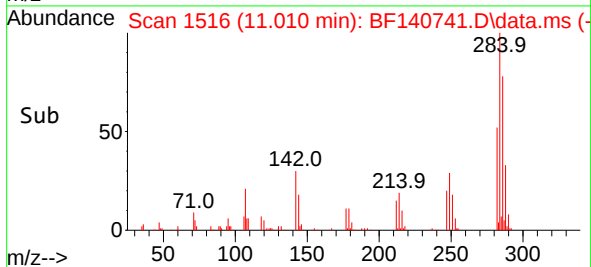
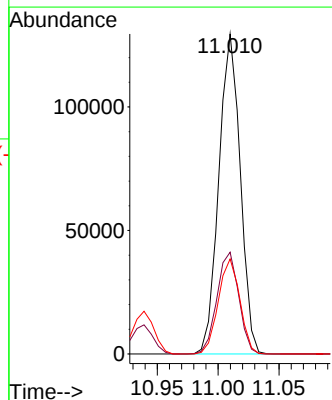
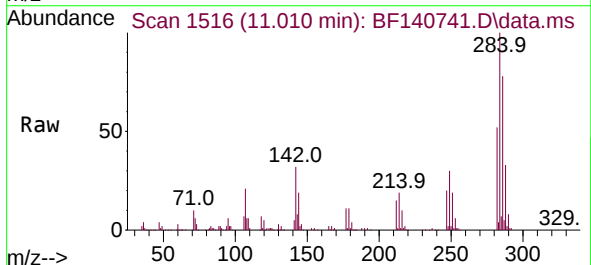
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

Tgt Ion:248 Resp: 144019
Ion Ratio Lower Upper
248 100
250 98.2 79.8 119.8
141 78.1 64.7 97.1



#68
Hexachlorobenzene
Concen: 59.451 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:284 Resp: 158501
Ion Ratio Lower Upper
284 100
142 31.8 25.3 37.9
249 29.7 24.8 37.2





#69

Atrazine

Concen: 65.262 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

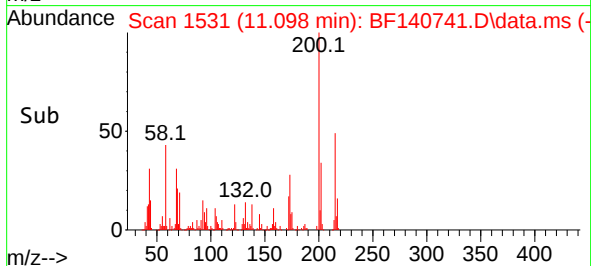
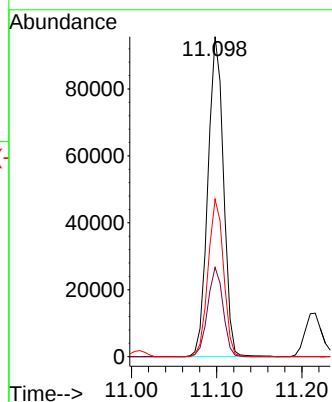
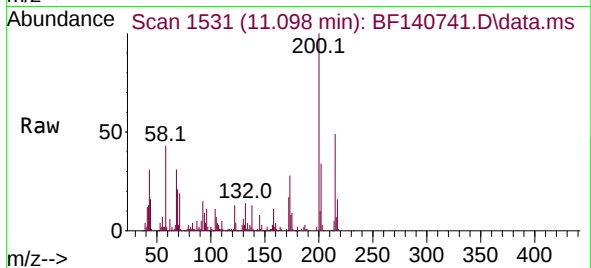
Tgt Ion:200 Resp: 121388

Ion Ratio Lower Upper

200 100

173 27.9 7.0 47.0

215 49.2 26.7 66.7



#70

Pentachlorophenol

Concen: 95.761 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

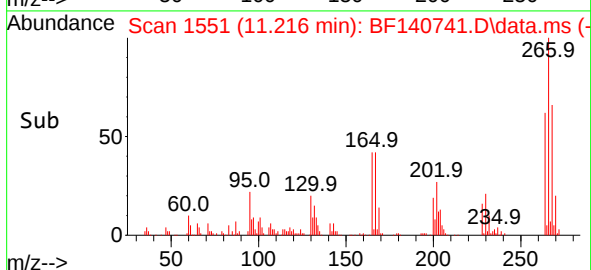
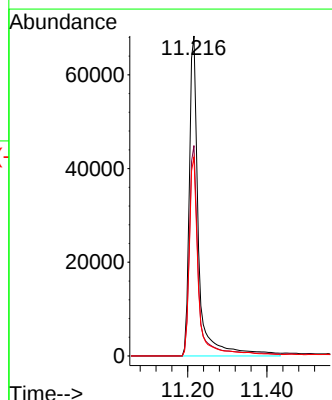
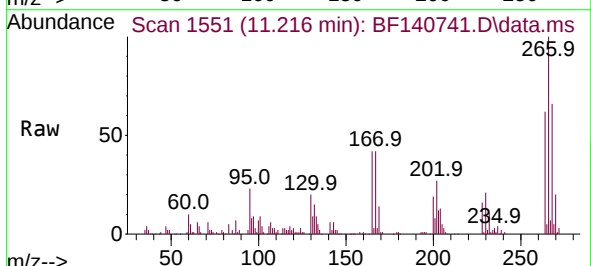
Tgt Ion:266 Resp: 112366

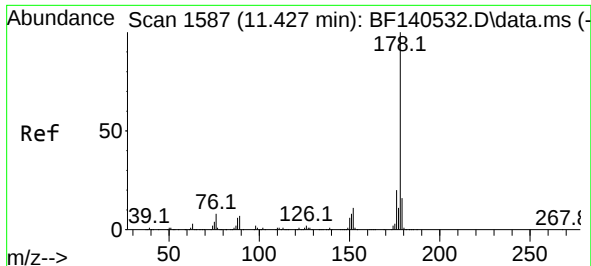
Ion Ratio Lower Upper

266 100

268 65.7 53.7 80.5

264 62.1 49.8 74.8

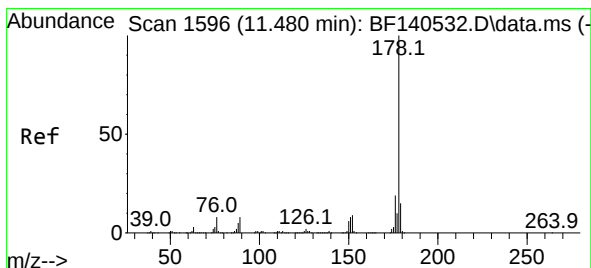
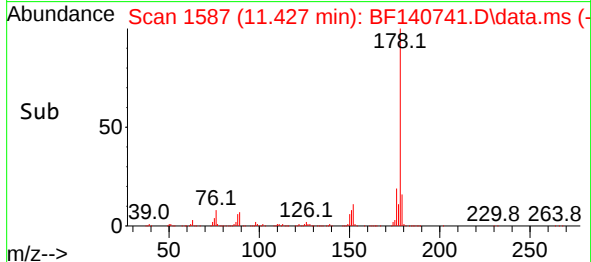
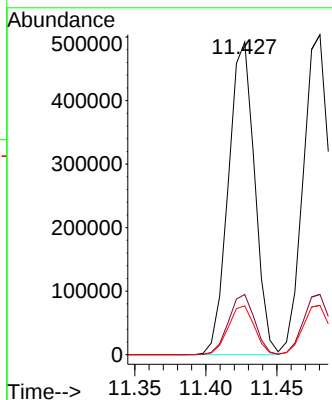
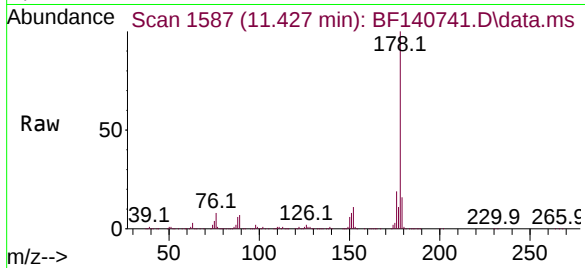




#71
Phenanthrene
Concen: 58.948 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

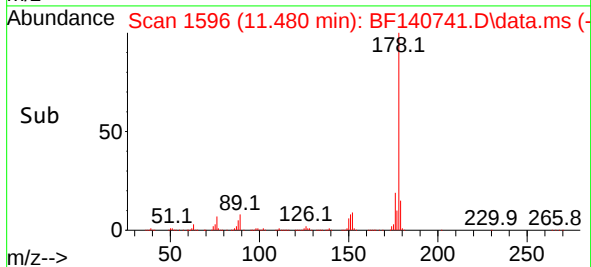
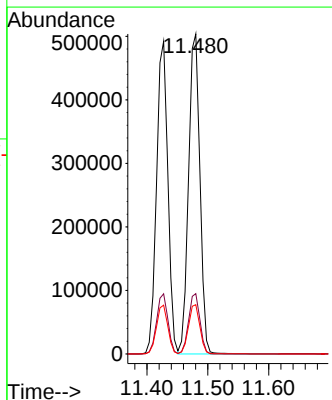
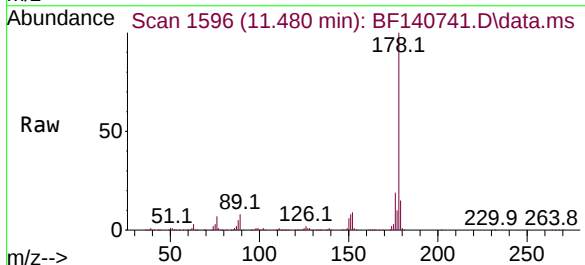
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

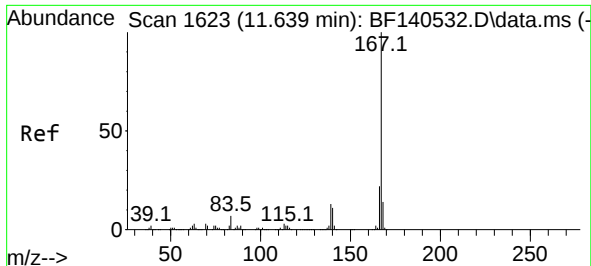
Tgt Ion:178 Resp: 633520
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.6 12.4 18.6



#72
Anthracene
Concen: 62.247 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:178 Resp: 654381
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.4 12.2 18.4

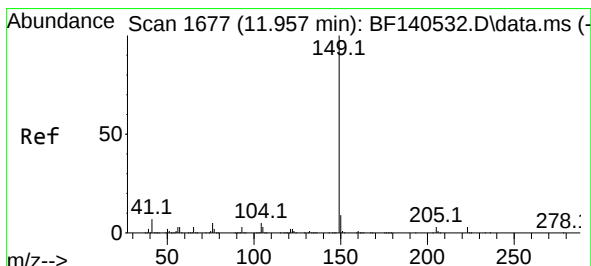
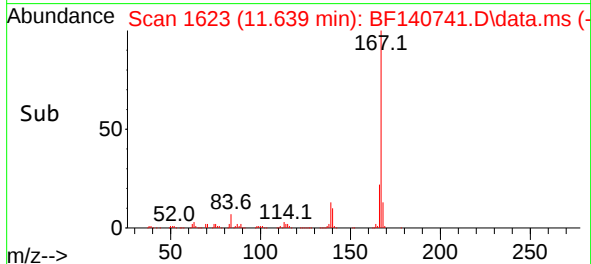
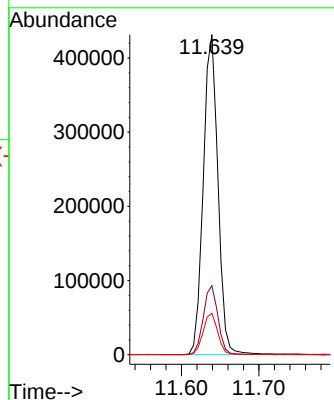
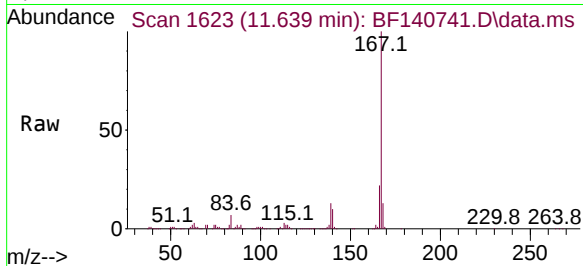




#73
Carbazole
Concen: 55.891 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

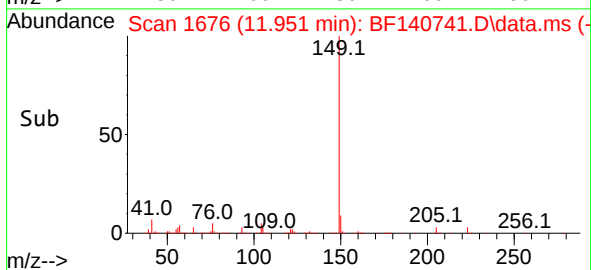
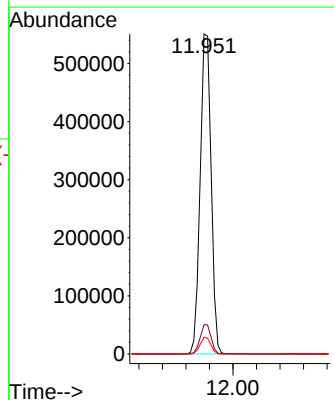
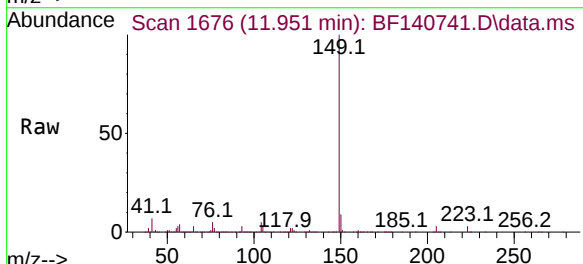
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

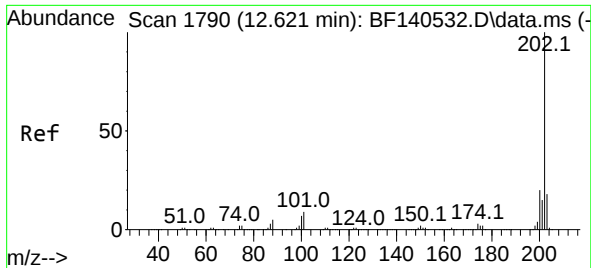
Tgt Ion:167 Resp: 565240
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.9 10.6 15.8



#74
Di-n-butylphthalate
Concen: 61.067 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:149 Resp: 713001
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.1 4.1 6.1

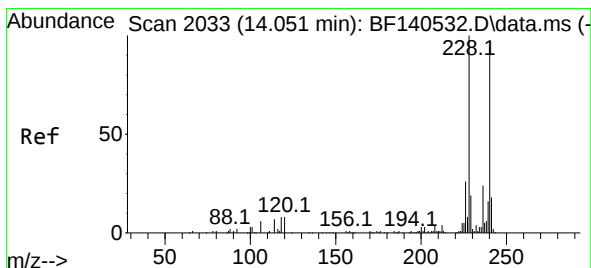
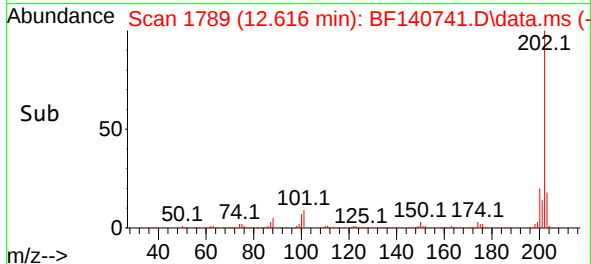
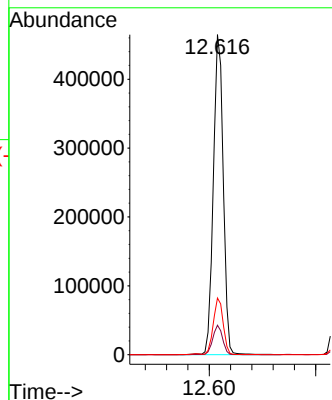
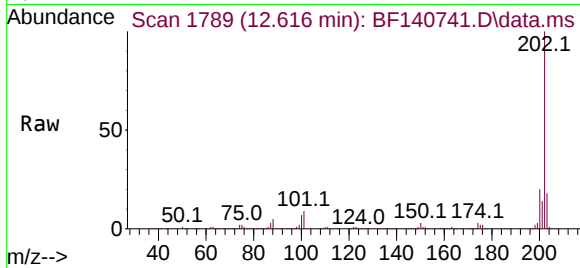




#75
Fluoranthene
Concen: 51.469 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

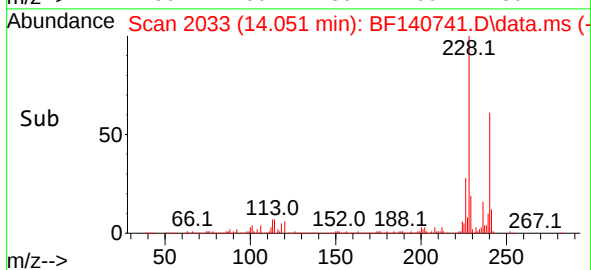
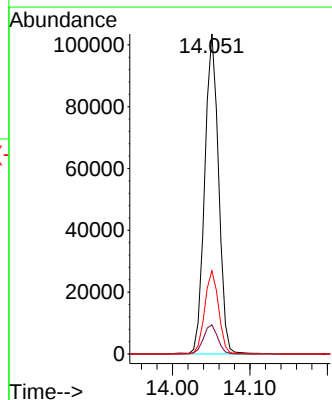
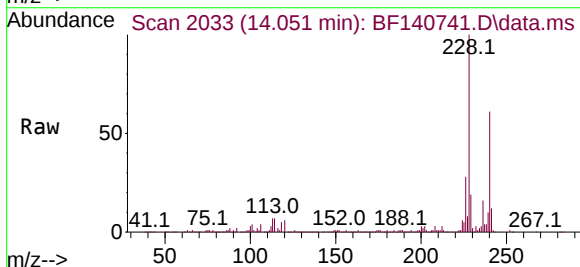
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

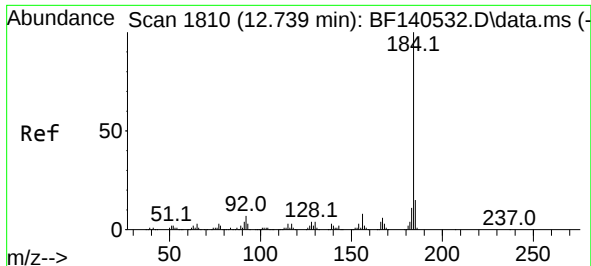
Tgt Ion:202 Resp: 600565
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.9
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:240 Resp: 128638
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 26.0 20.6 31.0

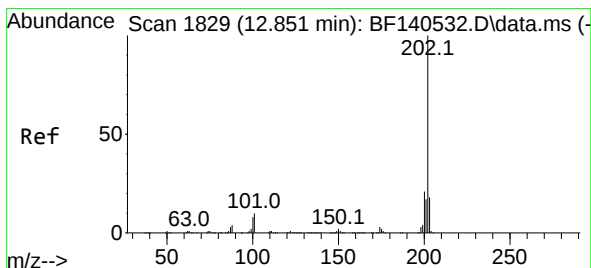
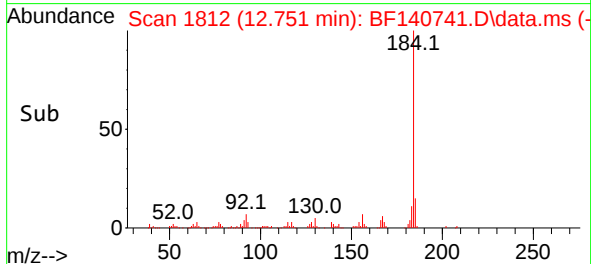
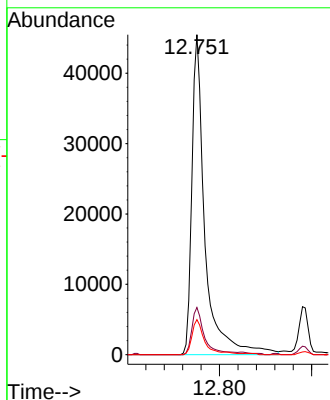
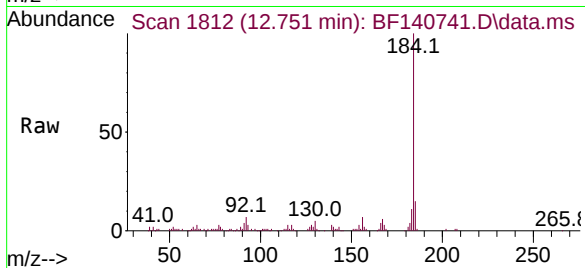




#77
Benzidine
Concen: 23.957 ng
RT: 12.751 min Scan# 1812
Delta R.T. 0.012 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

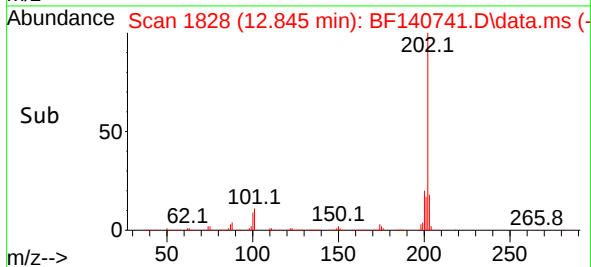
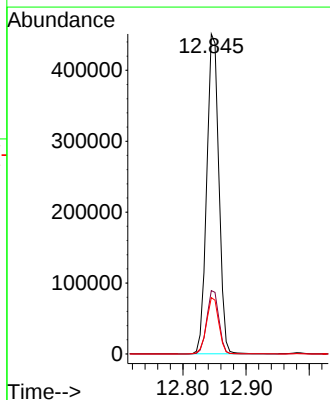
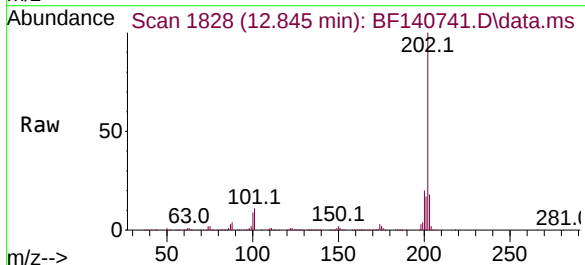
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

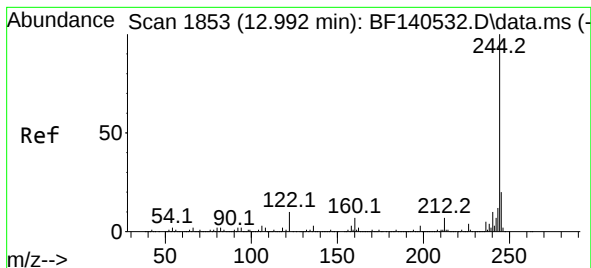
Tgt Ion:184 Resp: 89600
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 11.0 8.8 13.2



#78
Pyrene
Concen: 50.513 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:202 Resp: 600815
Ion Ratio Lower Upper
202 100
200 19.8 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 75.171 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

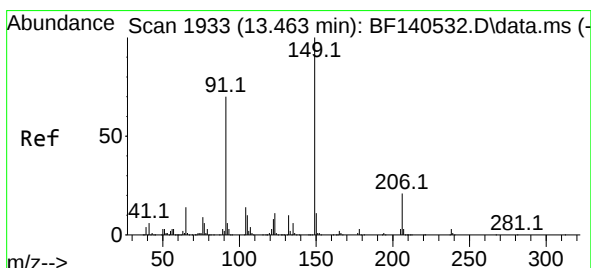
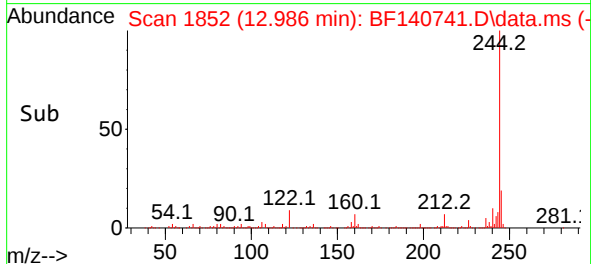
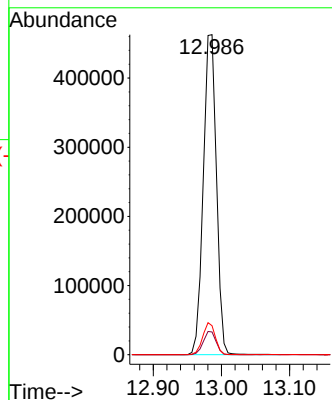
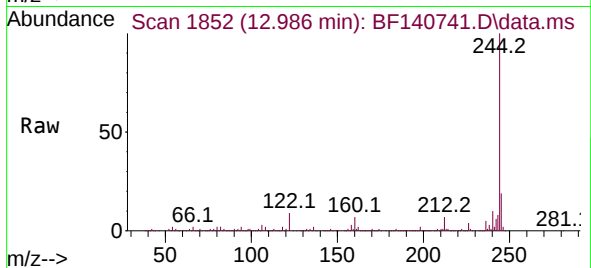
Tgt Ion:244 Resp: 621008

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.0 8.0 12.0



#80

Butylbenzylphthalate

Concen: 55.067 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

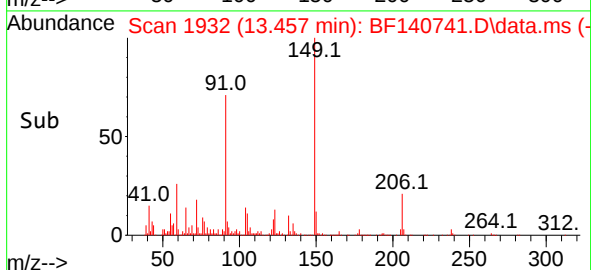
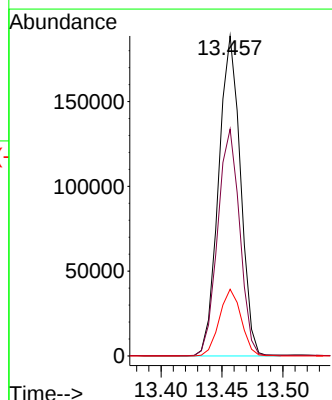
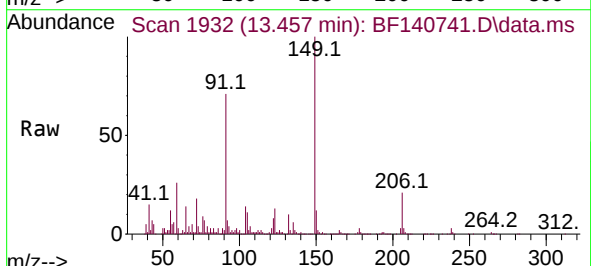
Tgt Ion:149 Resp: 235949

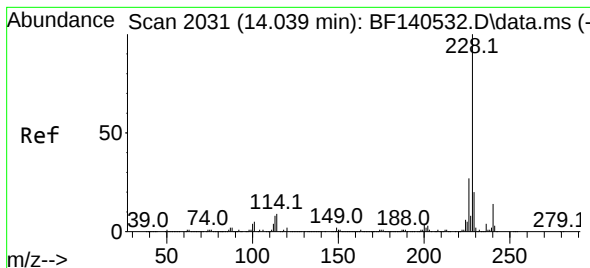
Ion Ratio Lower Upper

149 100

91 70.9 56.2 84.2

206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 59.479 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

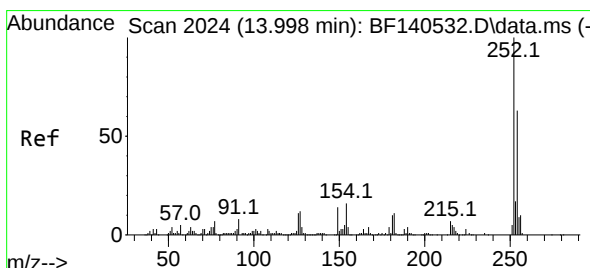
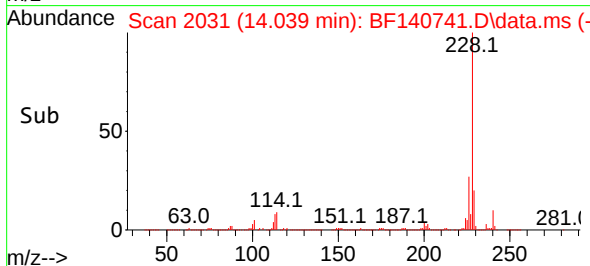
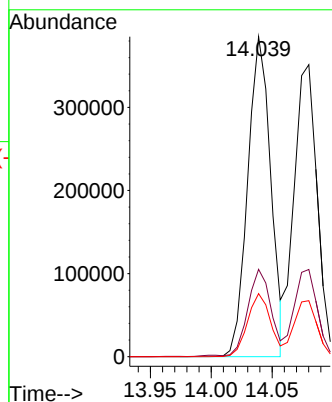
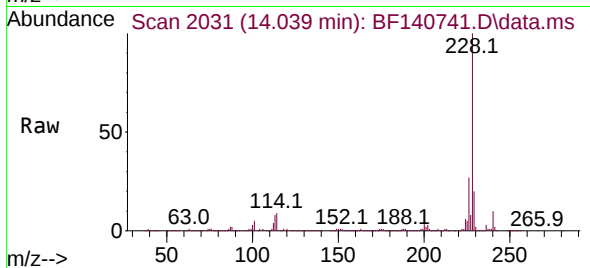
Tgt Ion:228 Resp: 506480

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 46.838 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

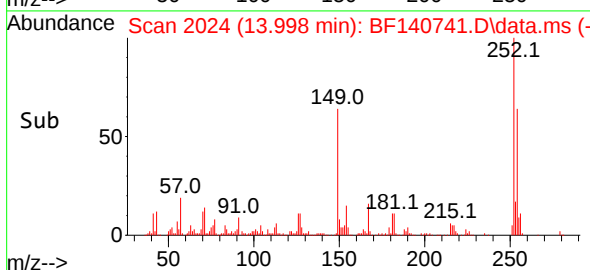
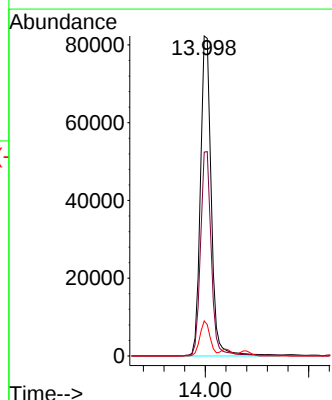
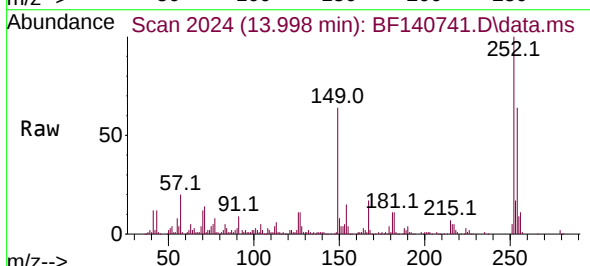
Tgt Ion:252 Resp: 119747

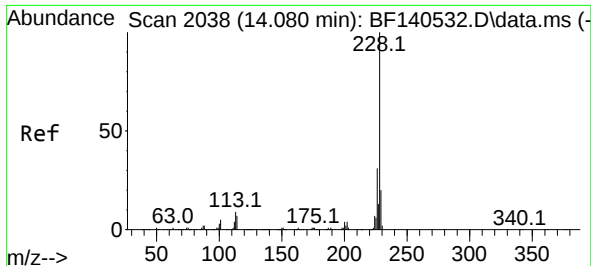
Ion Ratio Lower Upper

252 100

254 63.7 50.8 76.2

126 11.0 8.6 13.0

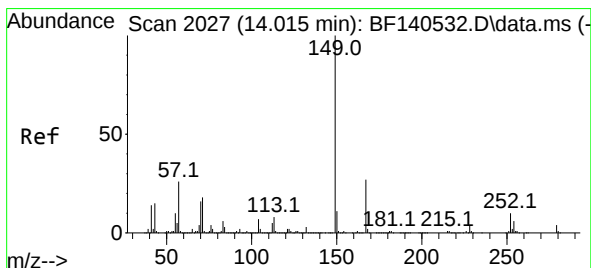
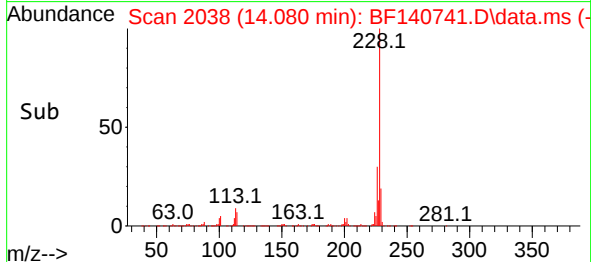
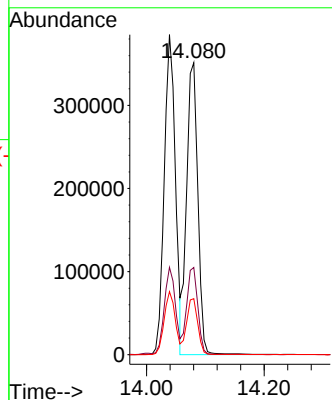
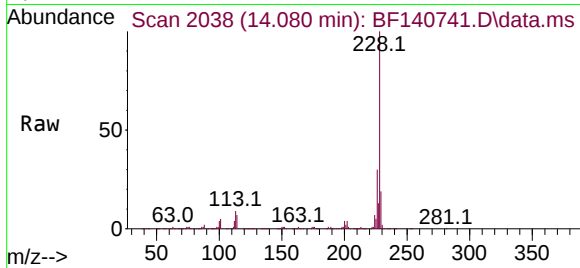




#83
Chrysene
Concen: 60.034 ng
RT: 14.080 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

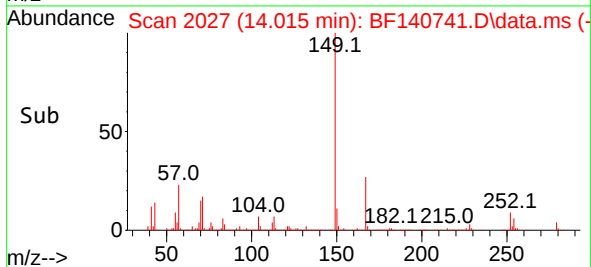
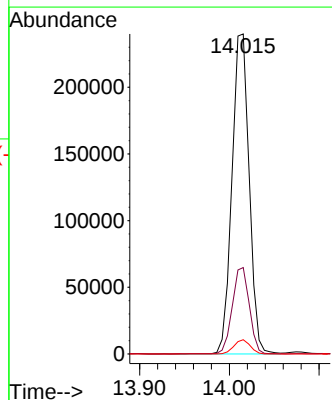
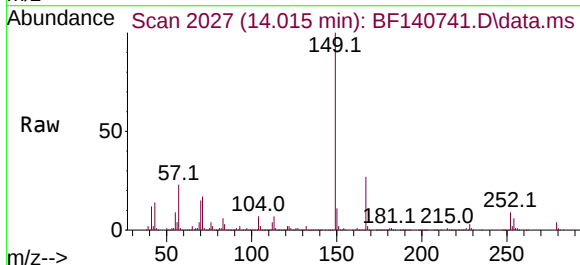
Instrument :
BNA_F
ClientSampleId :
MH-738MSD

Tgt Ion:228 Resp: 467444
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 19.2 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.047 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:149 Resp: 319470
Ion Ratio Lower Upper
149 100
167 27.0 21.2 31.8
279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 70.105 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

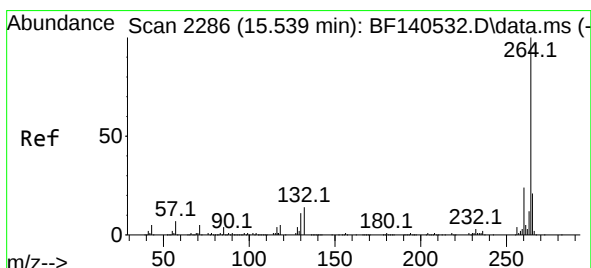
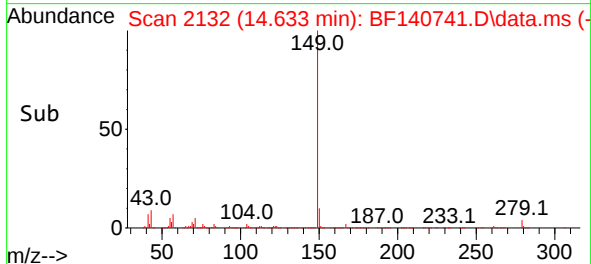
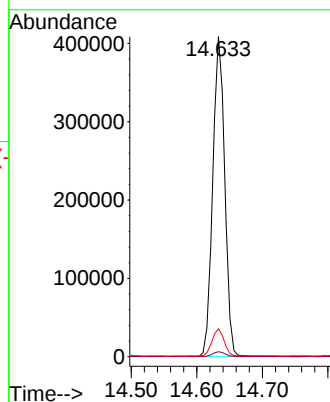
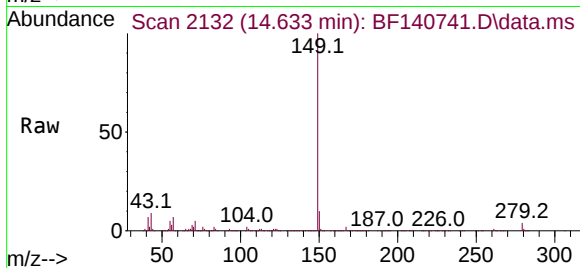
Tgt Ion:149 Resp: 518358

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

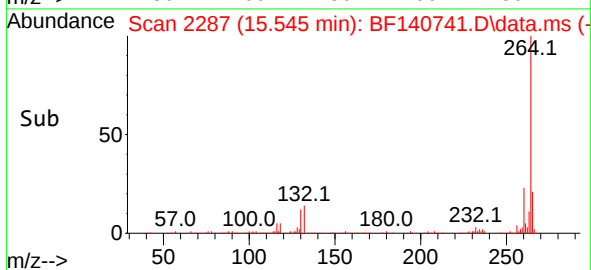
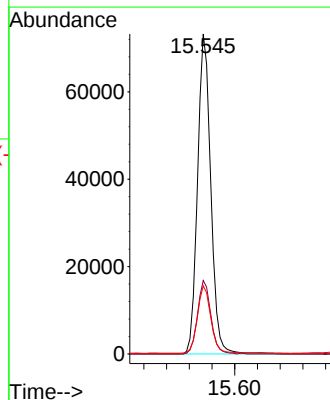
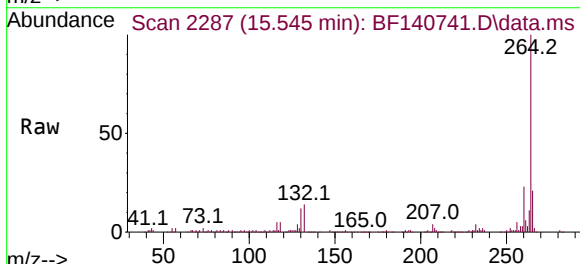
Tgt Ion:264 Resp: 118764

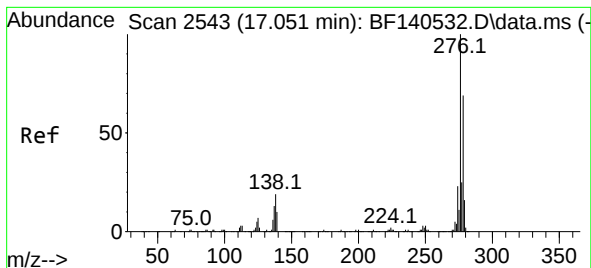
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.825 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

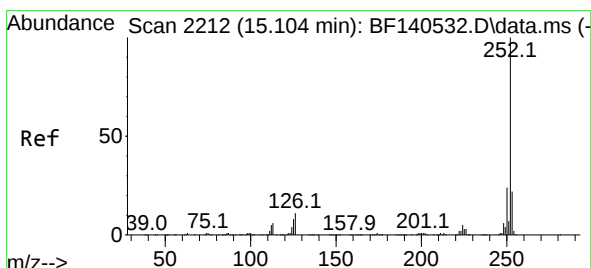
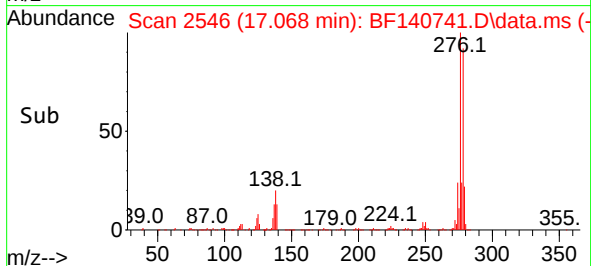
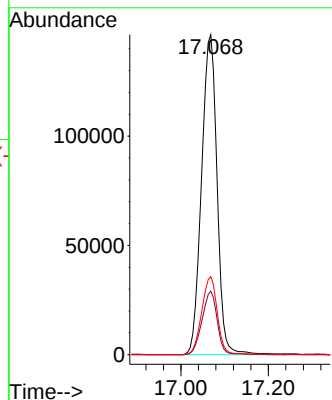
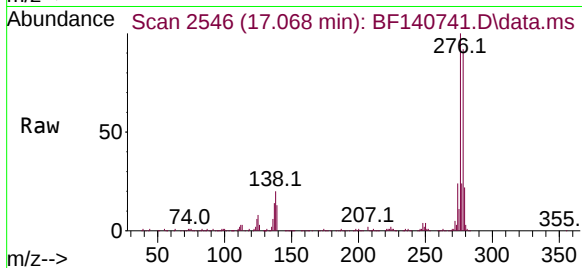
Tgt Ion:276 Resp: 362414

Ion Ratio Lower Upper

276 100

138 19.5 15.5 23.3

277 24.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 57.767 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

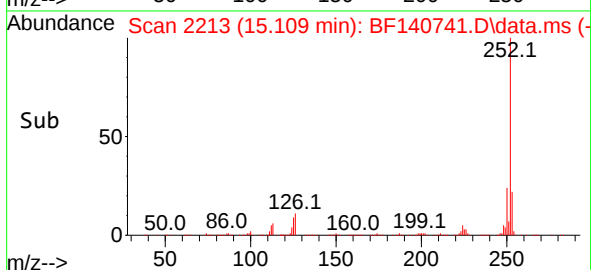
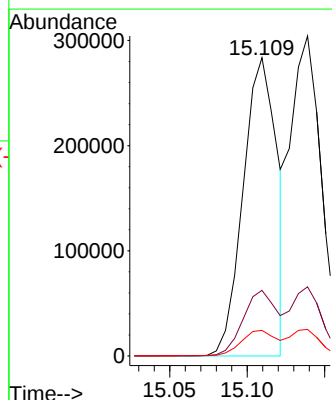
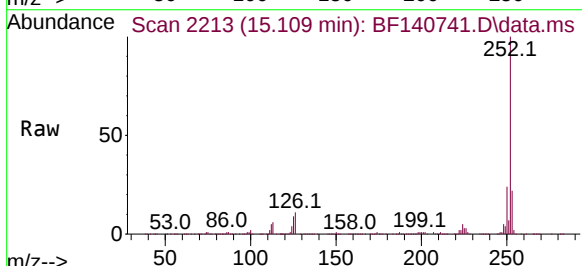
Tgt Ion:252 Resp: 430928

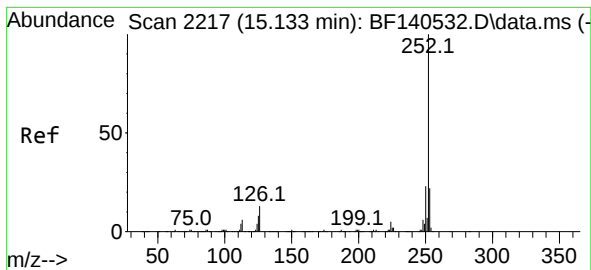
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 63.424 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

Instrument :

BNA_F

ClientSampleId :

MH-738MSD

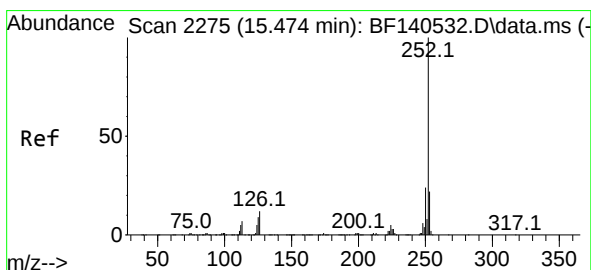
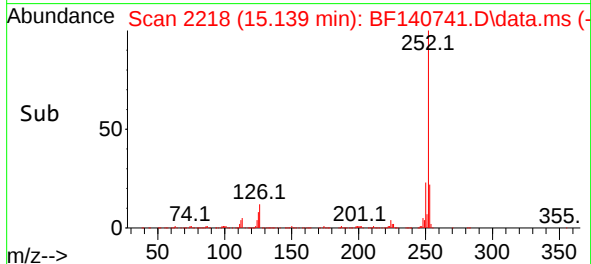
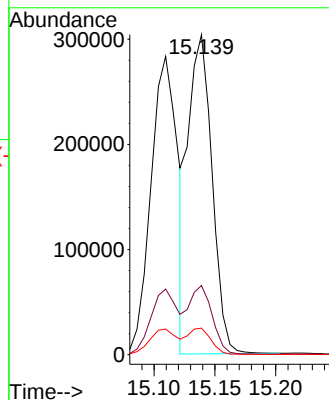
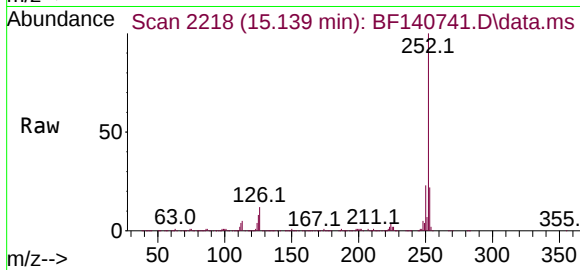
Tgt Ion:252 Resp: 414025

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.3 6.5 9.7



#90

Benzo(a)pyrene

Concen: 62.643 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140741.D

Acq: 04 Dec 2024 21:41

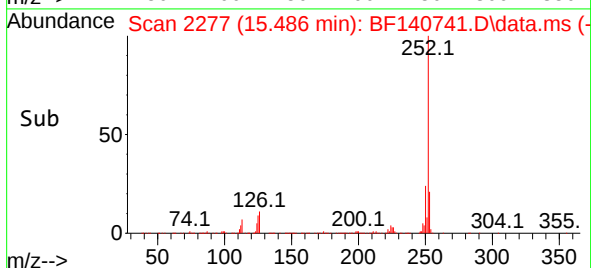
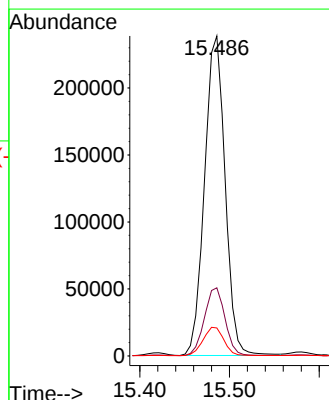
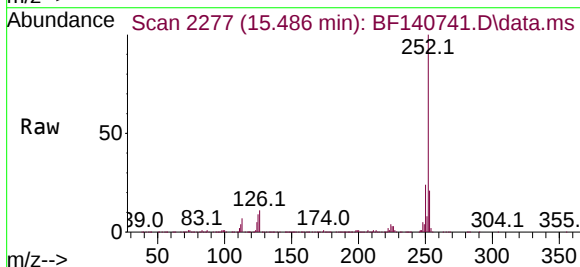
Tgt Ion:252 Resp: 379950

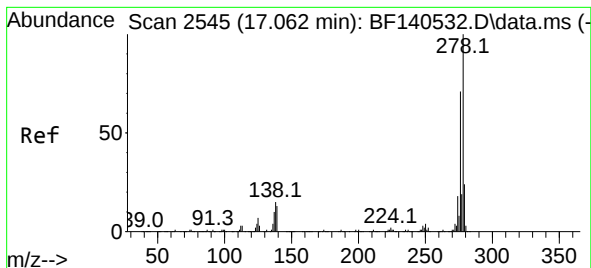
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 8.8 7.0 10.6

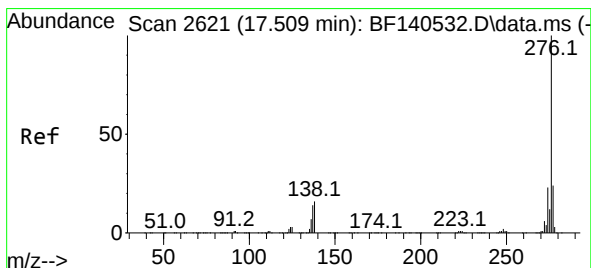
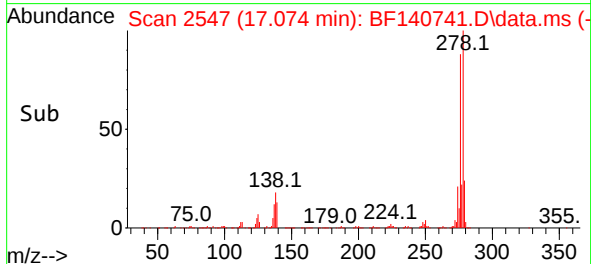
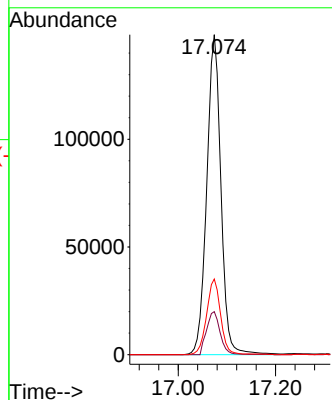
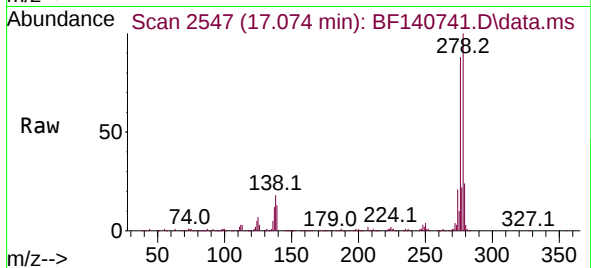




#91
Dibenzo(a,h)anthracene
Concen: 47.259 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Instrument :
BNA_F
ClientSampleId :
MH-738MSD

Tgt Ion:278 Resp: 299551
Ion Ratio Lower Upper
278 100
139 13.4 10.2 15.4
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 40.123 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140741.D
Acq: 04 Dec 2024 21:41

Tgt Ion:276 Resp: 259522
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 17.1 13.2 19.8

