

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137789.D
 Acq On : 01 May 2024 13:13
 Operator : CG\JU
 Sample : PB160608BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 13:39:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	222851	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	896945	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	507738	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	905737	20.000	ng	0.00
76) Chrysene-d12	14.257	240	575011	20.000	ng	0.00
86) Perylene-d12	15.827	264	495872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1702534	127.912	ng	0.02
7) Phenol-d6	6.675	99	2114589	125.252	ng	0.00
23) Nitrobenzene-d5	7.622	82	1302546	84.370	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	691737	133.434	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2592028	82.822	ng	0.00
79) Terphenyl-d14	13.192	244	2993171	87.236	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.087	88	222454	37.115	ng	100
3) Pyridine	3.816	79	570890	39.355	ng	99
4) n-Nitrosodimethylamine	3.787	42	291453	44.618	ng	96
6) Aniline	6.722	93	537700	32.134	ng	98
8) 2-Chlorophenol	6.845	128	696947	48.048	ng	98
9) Benzaldehyde	6.610	77	22633	2.489	ng	96
10) Phenol	6.693	94	814678	47.093	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	611539	45.147	ng	96
12) 1,3-Dichlorobenzene	6.998	146	712519	43.560	ng	97
13) 1,4-Dichlorobenzene	7.075	146	726697	44.276	ng	99
14) 1,2-Dichlorobenzene	7.228	146	692730	44.812	ng	97
15) Benzyl Alcohol	7.192	79	570198	48.838	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	855306	44.923	ng	98
17) 2-Methylphenol	7.298	107	563644	48.157	ng	99
18) Hexachloroethane	7.575	117	250267	45.105	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	454519	45.049	ng	99
20) 3+4-Methylphenols	7.451	107	713906	46.361	ng	# 89
22) Acetophenone	7.469	105	921085	45.660	ng	98
24) Nitrobenzene	7.640	77	702180	44.130	ng	100
25) Isophorone	7.875	82	1262536	45.357	ng	99
26) 2-Nitrophenol	7.957	139	372423	51.686	ng	96
27) 2,4-Dimethylphenol	7.981	122	533022	51.384	ng	97
28) bis(2-Chloroethoxy)met...	8.081	93	748372	44.404	ng	98
29) 2,4-Dichlorophenol	8.192	162	591883	47.206	ng	100
30) 1,2,4-Trichlorobenzene	8.281	180	606078	44.341	ng	99
31) Naphthalene	8.363	128	1978265	44.381	ng	99
32) Benzoic acid	8.098	122	450747	50.368	ng	99
33) 4-Chloroaniline	8.404	127	257154	15.558	ng	98
34) Hexachlorobutadiene	8.475	225	357054	42.548	ng	100
35) Caprolactam	8.781	113	105482	26.552	ng	97
36) 4-Chloro-3-methylphenol	8.886	107	624685	47.776	ng	99
37) 2-Methylnaphthalene	9.057	142	1294204	44.855	ng	100
38) 1-Methylnaphthalene	9.157	142	1212928	42.729	ng	100
40) 1,2,4,5-Tetrachloroben...	9.222	216	613342	45.609	ng	99
41) Hexachlorocyclopentadiene	9.210	237	696908	127.589	ng	99
43) 2,4,6-Trichlorophenol	9.334	196	443695	48.470	ng	99

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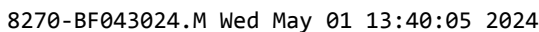
Instrument :
 BNA_F
 ClientSampleId :

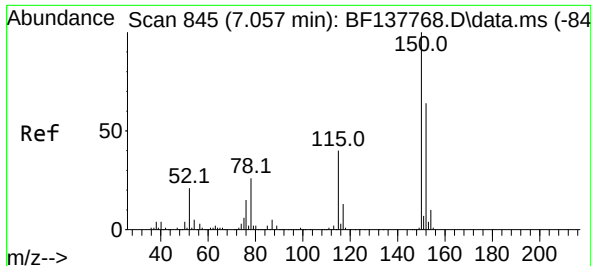
Quant Time: May 01 13:39:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	479577	47.447	ng	97
46) 1,1'-Biphenyl	9.522	154	1584654	45.477	ng	99
47) 2-Chloronaphthalene	9.551	162	1248068	44.365	ng	99
48) 2-Nitroaniline	9.645	65	380624	49.887	ng	94
49) Acenaphthylene	9.969	152	2013079	49.467	ng	100
50) Dimethylphthalate	9.822	163	1505314	46.963	ng	100
51) 2,6-Dinitrotoluene	9.886	165	342110	46.704	ng	90
52) Acenaphthene	10.145	154	1338115	49.606	ng	99
53) 3-Nitroaniline	10.057	138	219565	28.623	ng	99
54) 2,4-Dinitrophenol	10.163	184	399087	110.881	ng	93
55) Dibenzofuran	10.316	168	1794660	45.719	ng	99
56) 4-Nitrophenol	10.210	139	604107	95.020	ng	96
57) 2,4-Dinitrotoluene	10.292	165	475919	49.731	ng	97
58) Fluorene	10.663	166	1414468	45.276	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.428	232	398370	48.546	ng	100
60) Diethylphthalate	10.522	149	1402262	46.063	ng	99
61) 4-Chlorophenyl-phenyle...	10.645	204	689824	44.814	ng	98
62) 4-Nitroaniline	10.681	138	353916	45.487	ng	98
63) Azobenzene	10.810	77	1344599	45.700	ng	95
65) 4,6-Dinitro-2-methylph...	10.698	198	274499	52.802	ng	97
66) n-Nitrosodiphenylamine	10.769	169	1263664	46.609	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	443679	45.771	ng	98
68) Hexachlorobenzene	11.210	284	478009	45.125	ng	# 91
69) Atrazine	11.292	200	420146	50.823	ng	100
70) Pentachlorophenol	11.404	266	638279	87.766	ng	99
71) Phenanthrene	11.628	178	2042210	46.259	ng	100
72) Anthracene	11.680	178	2086406	47.498	ng	99
73) Carbazole	11.833	167	1918663	45.322	ng	99
74) Di-n-butylphthalate	12.151	149	2125661	46.031	ng	100
75) Fluoranthene	12.822	202	2155580	44.668	ng	100
77) Benzidine	12.933	184	413579	31.099	ng	99
78) Pyrene	13.057	202	2162767	47.438	ng	100
80) Butylbenzylphthalate	13.657	149	804306	55.602	ng	98
81) Benzo(a)anthracene	14.245	228	1802747	49.018	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	350515	31.836	ng	# 99
83) Chrysene	14.286	228	1667718	48.430	ng	99
84) Bis(2-ethylhexyl)phtha...	14.216	149	1051541	57.680	ng	# 97
85) Di-n-octyl phthalate	14.845	149	1598616	65.157	ng	99
87) Indeno(1,2,3-cd)pyrene	17.474	276	1422911	50.472	ng	99
88) Benzo(b)fluoranthene	15.357	252	1440145	46.679	ng	100
89) Benzo(k)fluoranthene	15.386	252	1407753	47.209	ng	99
90) Benzo(a)pyrene	15.763	252	1272666	50.563	ng	99
91) Dibenzo(a,h)anthracene	17.498	278	1140171	49.686	ng	99
92) Benzo(g,h,i)perylene	17.980	276	1099184	45.693	ng	99

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

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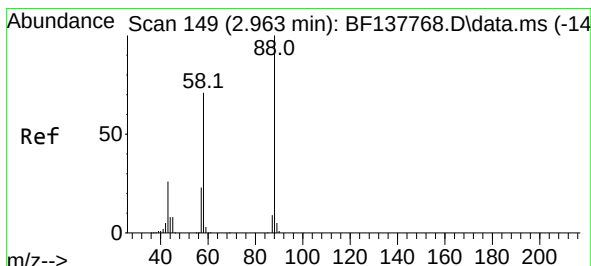
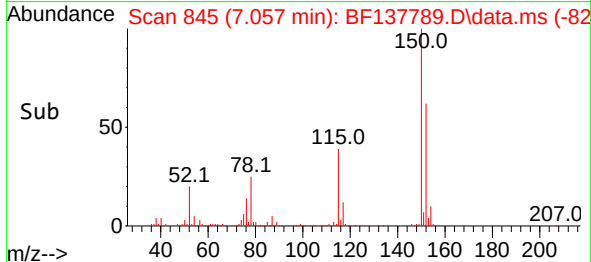
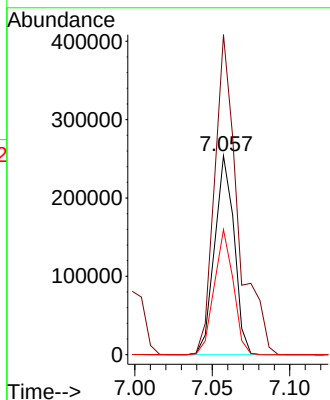
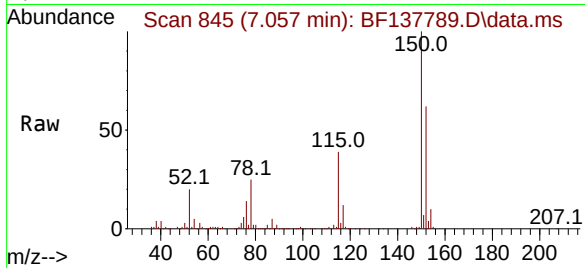




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

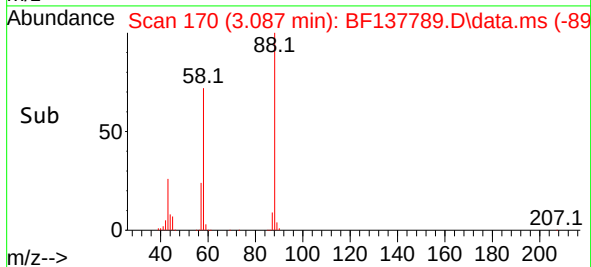
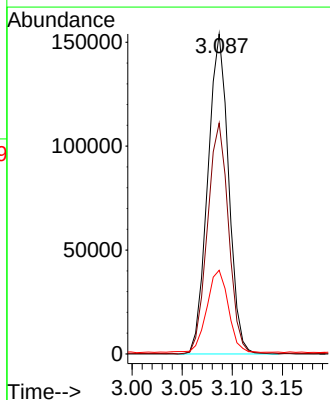
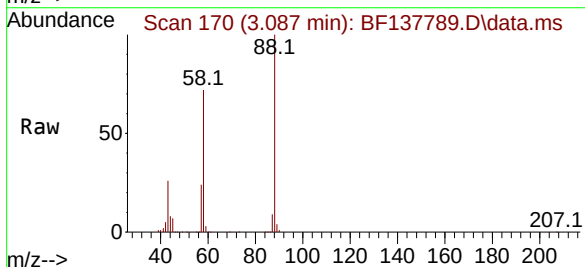
Instrument :
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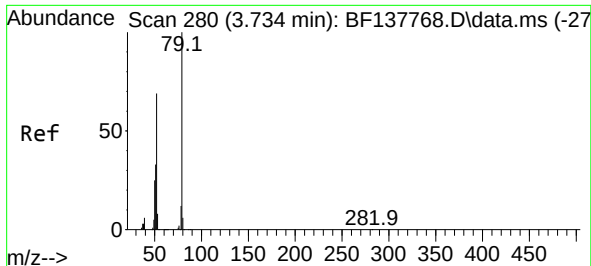
Tgt Ion:152 Resp: 222851
Ion Ratio Lower Upper
152 100
150 160.8 124.1 186.1
115 62.9 49.1 73.7



#2
1,4-Dioxane
Concen: 37.115 ng
RT: 3.087 min Scan# 170
Delta R.T. 0.124 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

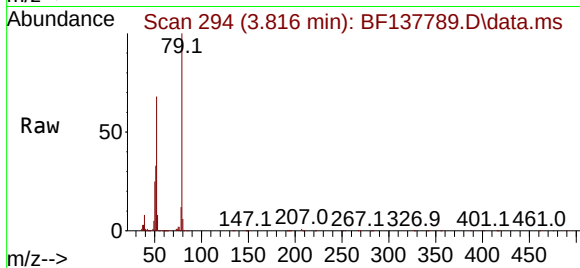
Tgt Ion: 88 Resp: 222454
Ion Ratio Lower Upper
88 100
58 73.3 58.8 88.2
43 27.0 21.4 32.0



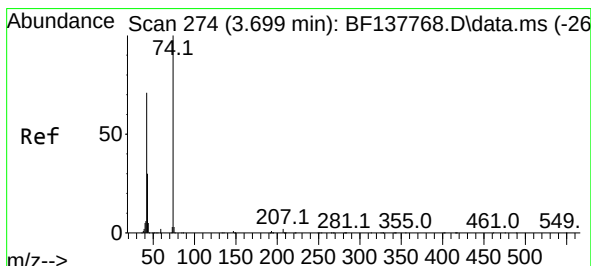
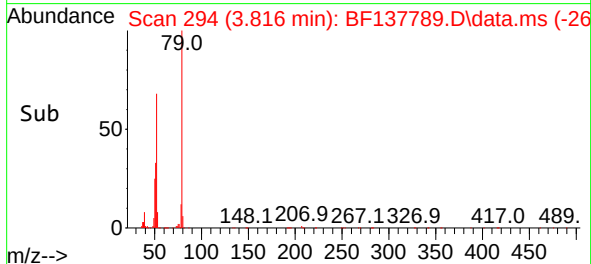
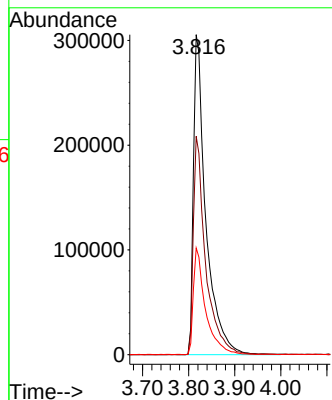


#3
 Pyridine
 Concen: 39.355 ng
 RT: 3.816 min Scan# 294
 Delta R.T. 0.082 min
 Lab File: BF137789.D
 Acq: 01 May 2024 13:13

Instrument :
 BNA_F
 ClientSampleId :

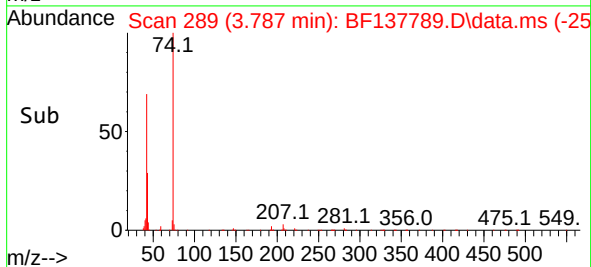
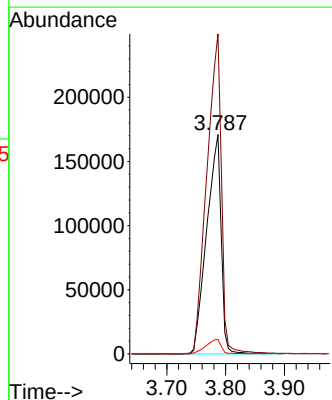
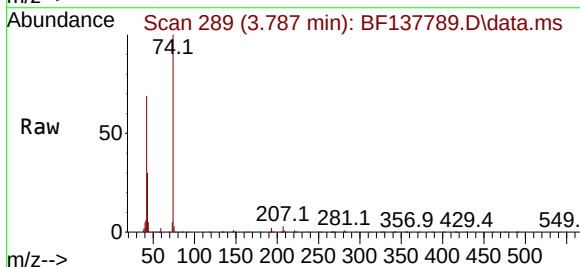


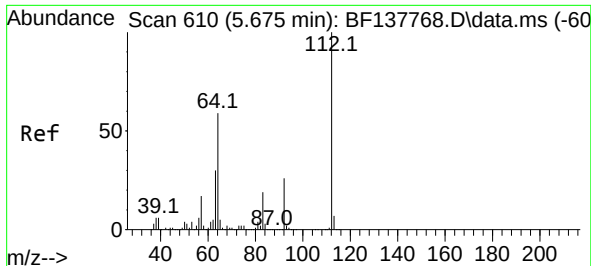
Tgt Ion: 79 Resp: 570890
 Ion Ratio Lower Upper
 79 100
 52 68.2 55.5 83.3
 51 33.3 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 44.618 ng
 RT: 3.787 min Scan# 289
 Delta R.T. 0.088 min
 Lab File: BF137789.D
 Acq: 01 May 2024 13:13

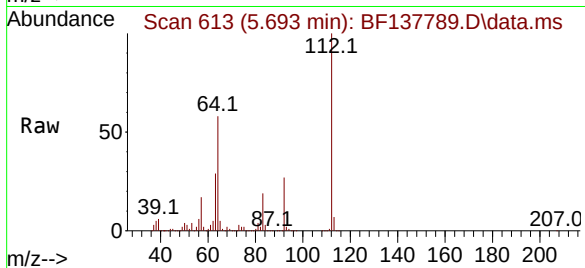
Tgt Ion: 42 Resp: 291453
 Ion Ratio Lower Upper
 42 100
 74 145.9 112.9 169.3
 44 6.6 5.6 8.4



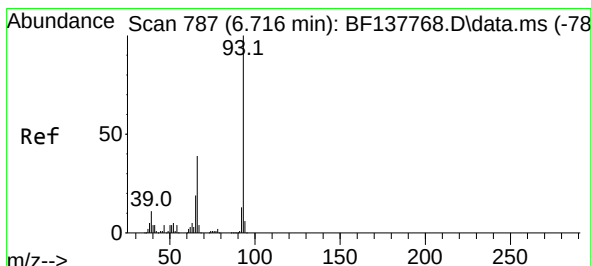
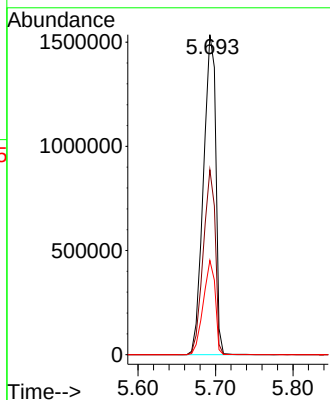
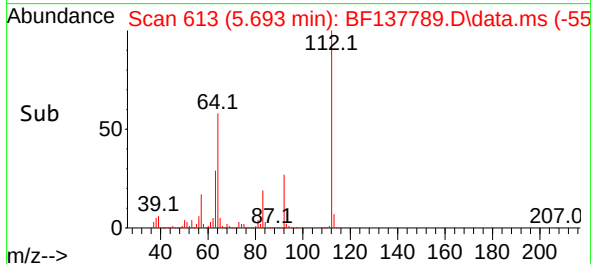


#5
2-Fluorophenol
Concen: 127.912 ng
RT: 5.693 min Scan# 610
Delta R.T. 0.018 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :
BNA_F
ClientSampleId :

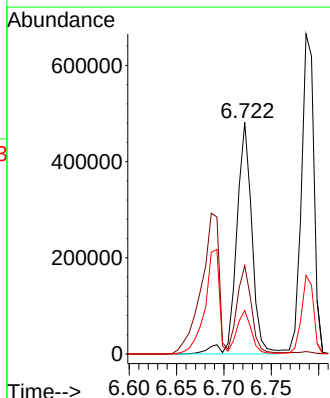
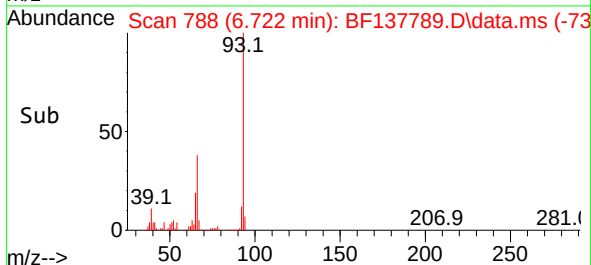
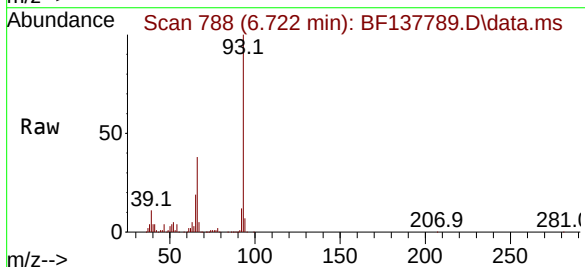


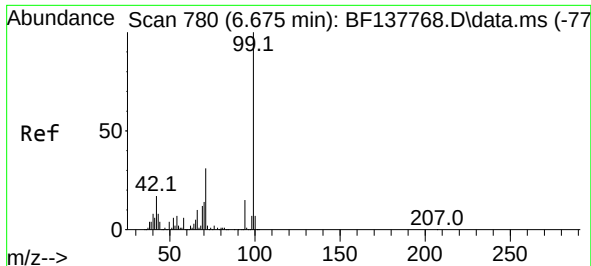
Tgt Ion:112 Resp: 1702534
Ion Ratio Lower Upper
112 100
64 57.8 47.3 70.9
63 29.5 23.7 35.5



#6
Aniline
Concen: 32.134 ng
RT: 6.722 min Scan# 788
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion: 93 Resp: 537700
Ion Ratio Lower Upper
93 100
66 38.1 31.8 47.6
65 18.8 15.4 23.2

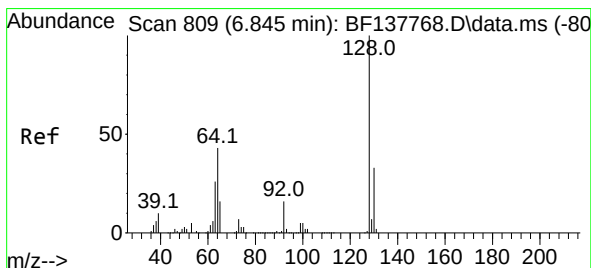
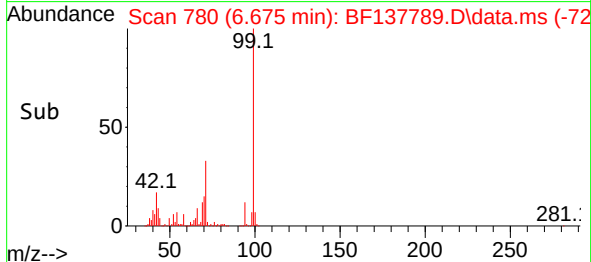
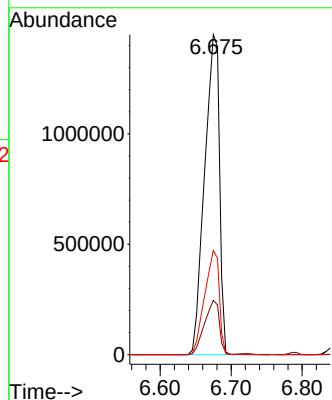
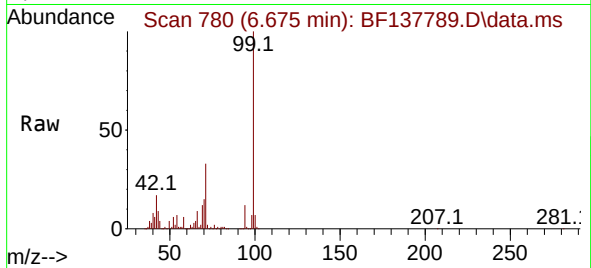




#7
Phenol-d6
Concen: 125.252 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

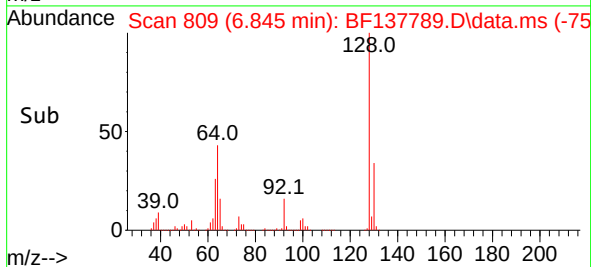
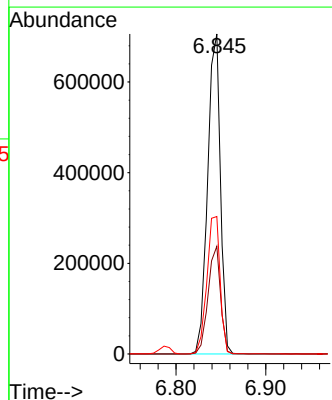
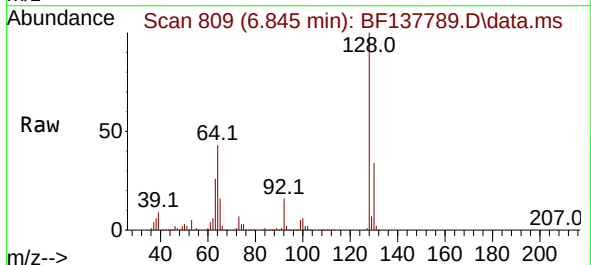
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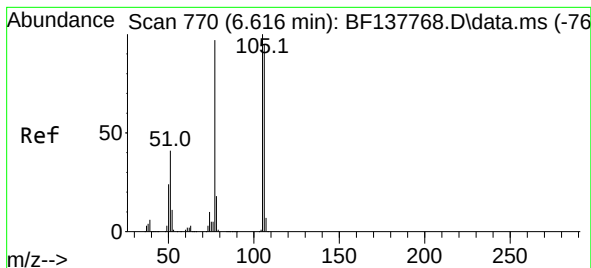
Tgt Ion: 99 Resp: 2114589
Ion Ratio Lower Upper
99 100
42 17.0 13.2 19.8
71 32.6 25.0 37.4



#8
2-Chlorophenol
Concen: 48.048 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion: 128 Resp: 696947
Ion Ratio Lower Upper
128 100
130 33.7 12.5 52.5
64 42.9 23.9 63.9





#9

Benzaldehyde

Concen: 2.489 ng

RT: 6.610 min Scan# 770

Delta R.T. -0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

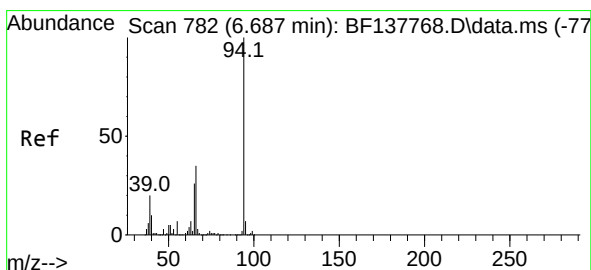
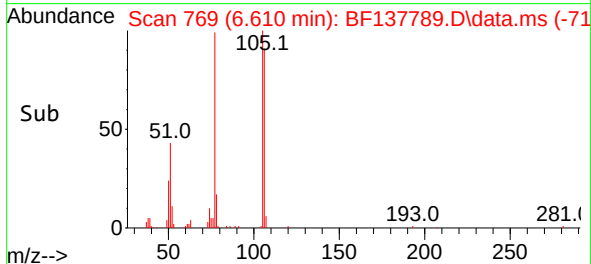
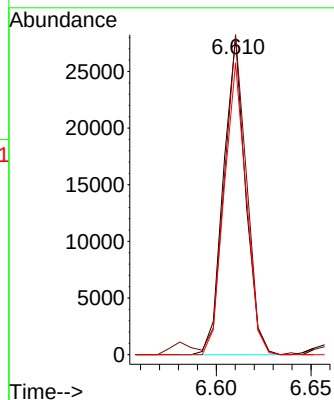
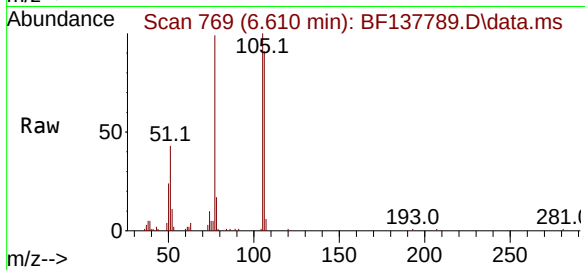
Tgt Ion: 77 Resp: 22633

Ion Ratio Lower Upper

77 100

105 100.8 83.2 123.2

106 91.9 77.7 117.7



#10

Phenol

Concen: 47.093 ng

RT: 6.693 min Scan# 783

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

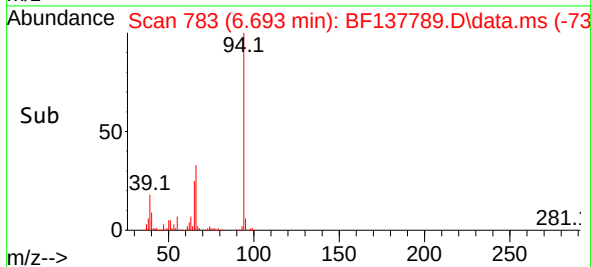
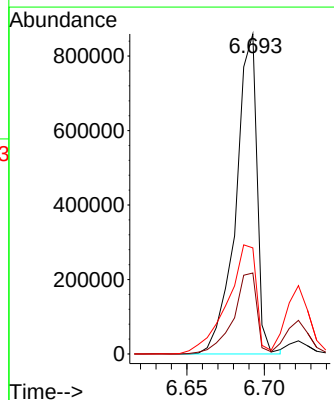
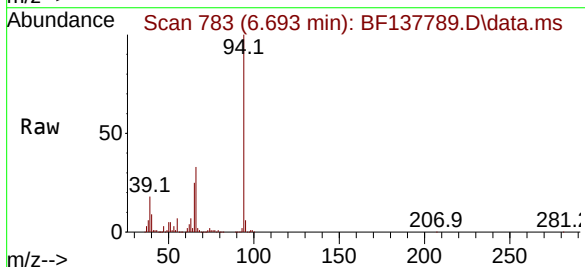
Tgt Ion: 94 Resp: 814678

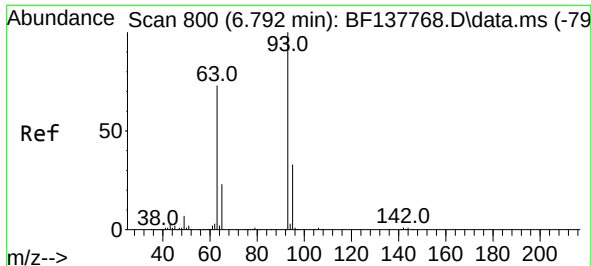
Ion Ratio Lower Upper

94 100

65 25.3 6.4 46.4

66 33.2 15.4 55.4





#11

bis(2-Chloroethyl)ether

Concen: 45.147 ng

RT: 6.787 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF137789.D

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Instrument :

BNA_F

ClientSampleId :

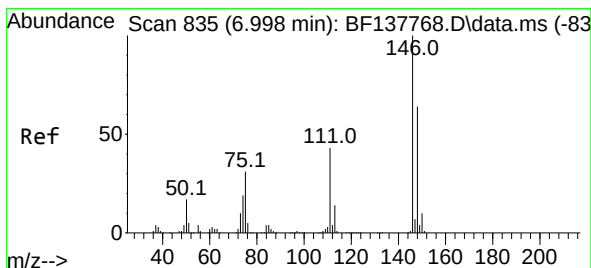
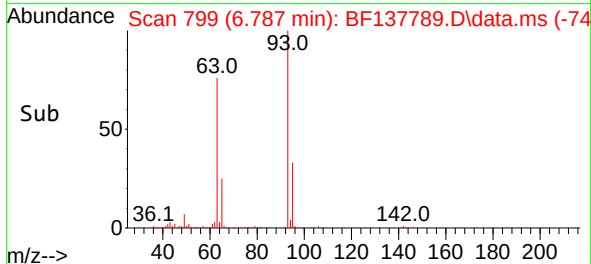
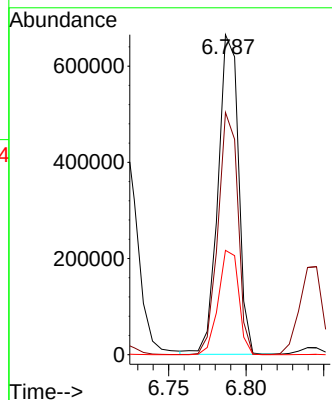
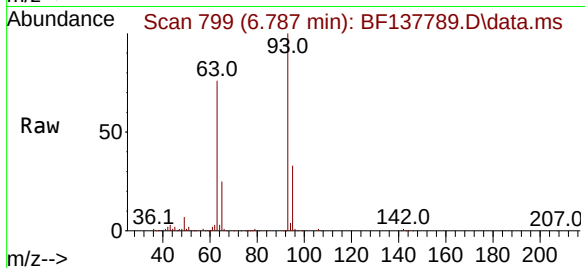
Tgt Ion: 93 Resp: 611539

Ion Ratio Lower Upper

93 100

63 75.7 51.6 91.6

95 32.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 43.560 ng

RT: 6.998 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

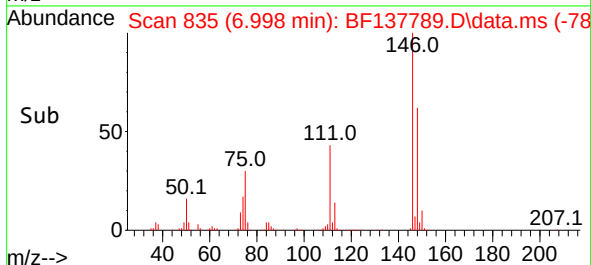
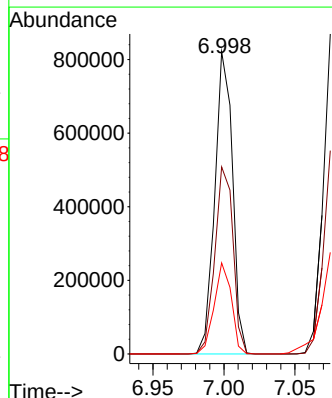
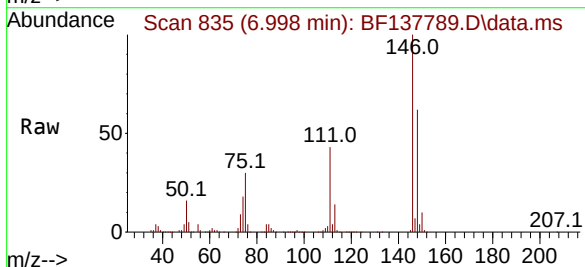
Tgt Ion:146 Resp: 712519

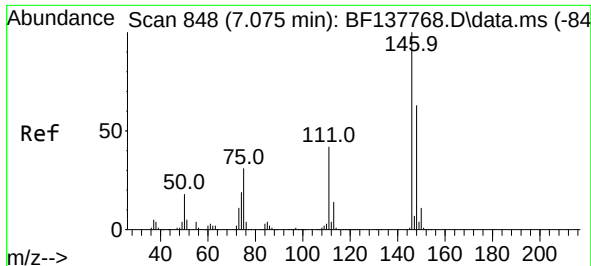
Ion Ratio Lower Upper

146 100

148 61.9 51.2 76.8

75 30.1 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 44.276 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

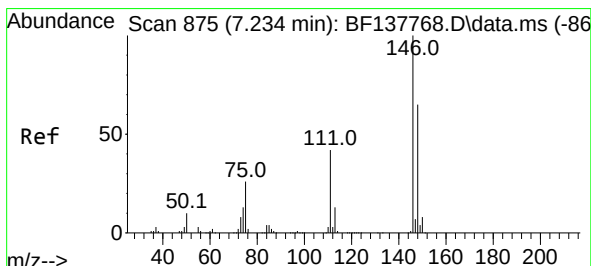
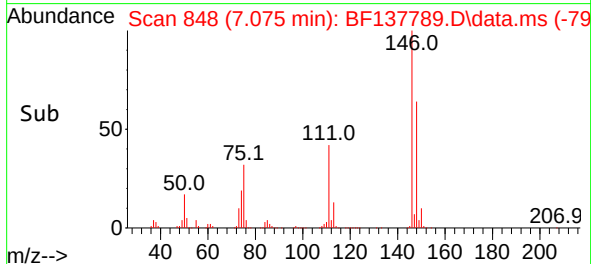
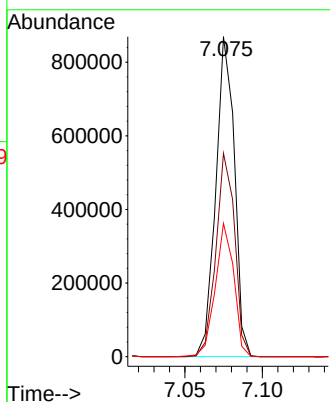
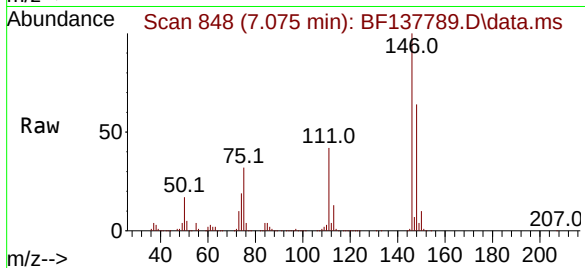
Tgt Ion:146 Resp: 726697

Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

111 41.7 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 44.812 ng

RT: 7.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

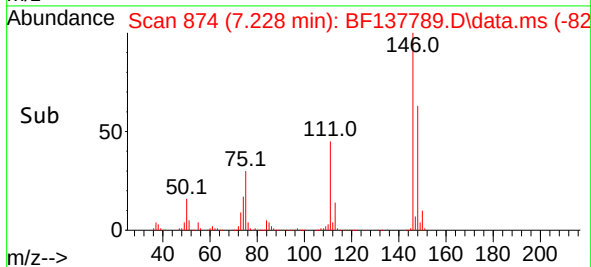
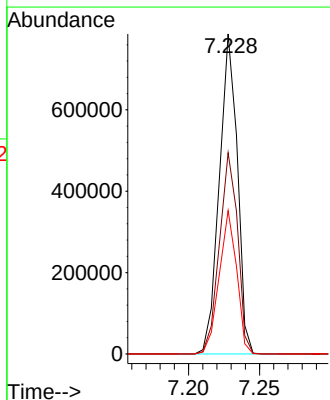
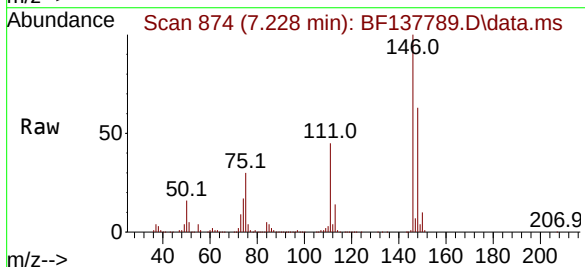
Tgt Ion:146 Resp: 692730

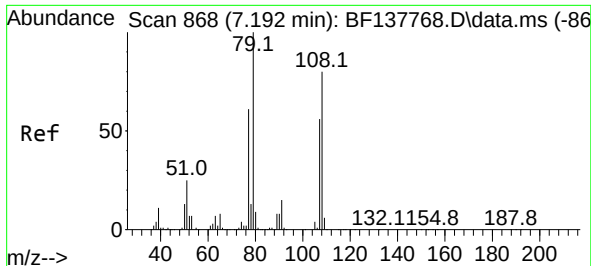
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

111 44.8 33.6 50.4

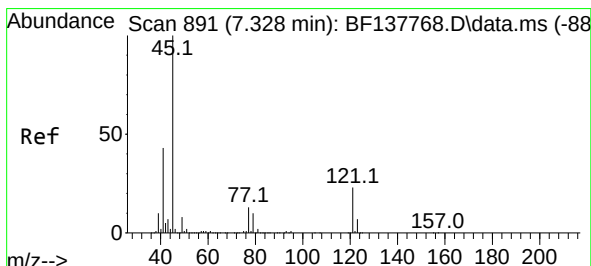
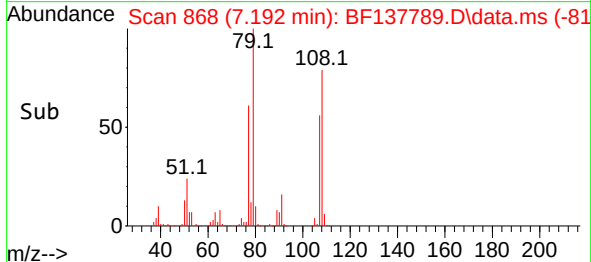
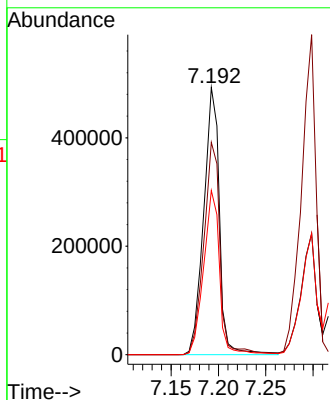
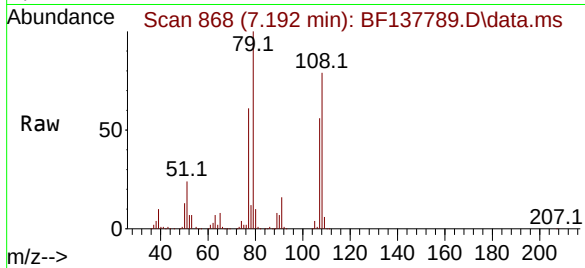




#15
Benzyl Alcohol
Concen: 48.838 ng
RT: 7.192 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

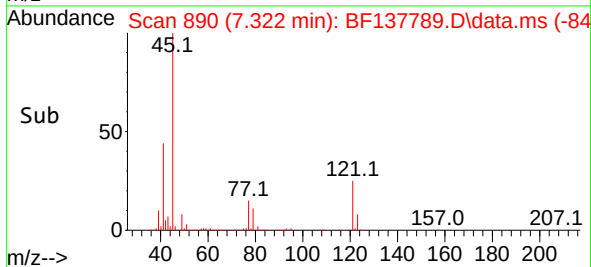
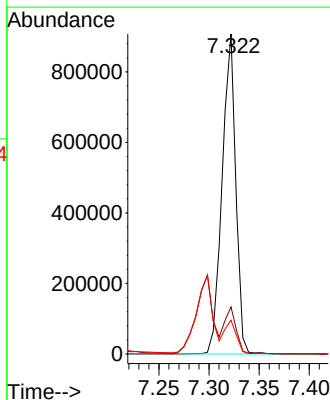
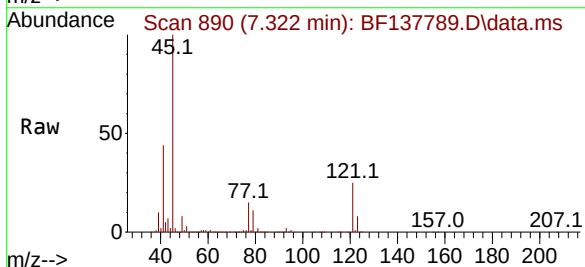
Instrument :
BNA_F
ClientSampleId :

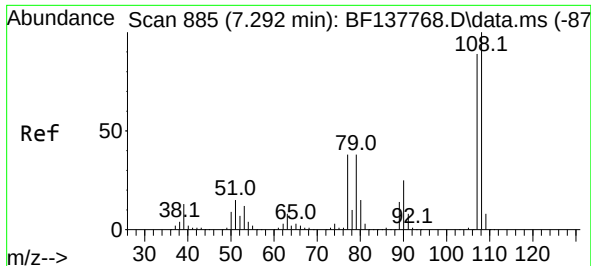
Tgt Ion: 79 Resp: 570198
Ion Ratio Lower Upper
79 100
108 79.5 64.2 96.2
77 61.4 48.5 72.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.923 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion: 45 Resp: 855306
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.8
79 10.5 0.0 31.0



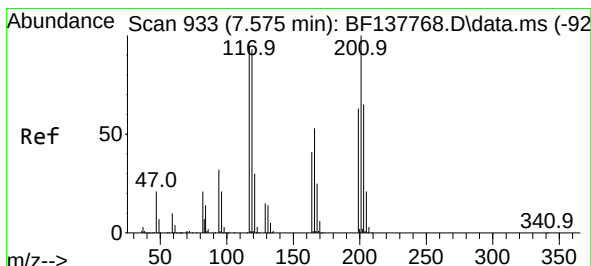
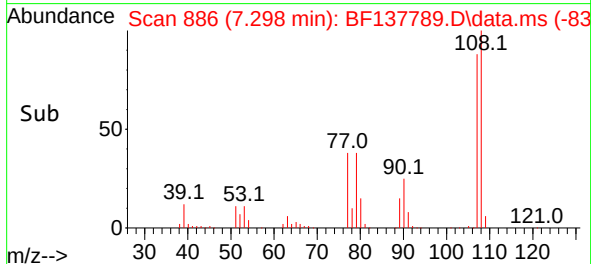
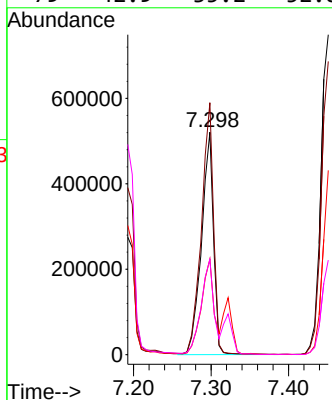
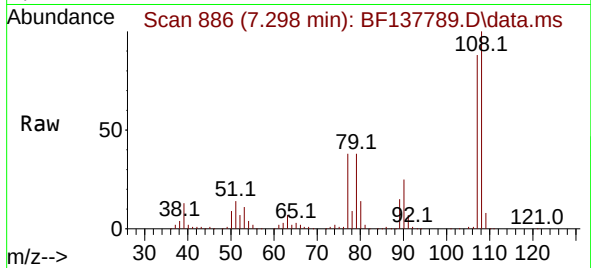


#17
2-Methylphenol
Concen: 48.157 ng
RT: 7.298 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 563644

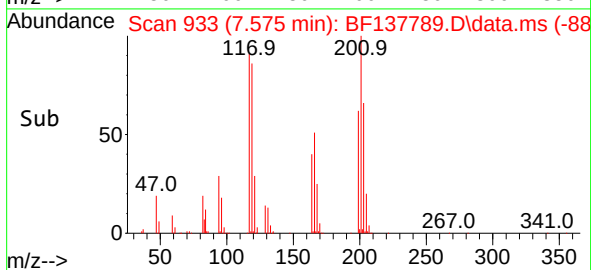
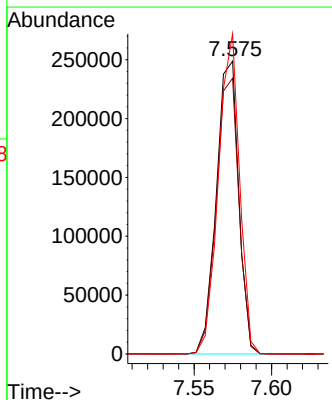
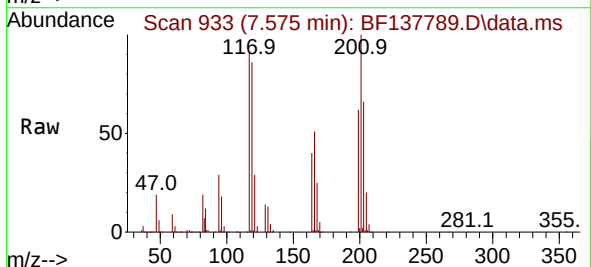
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.5	135.7
77	43.0	34.5	51.7
79	42.9	35.2	52.8

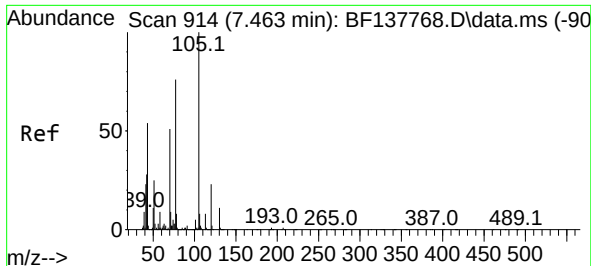


#18
Hexachloroethane
Concen: 45.105 ng
RT: 7.575 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:117 Resp: 250267

Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.6	116.4
201	109.3	83.8	125.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.049 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

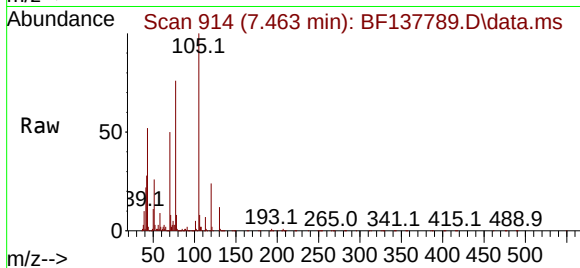
Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 454519

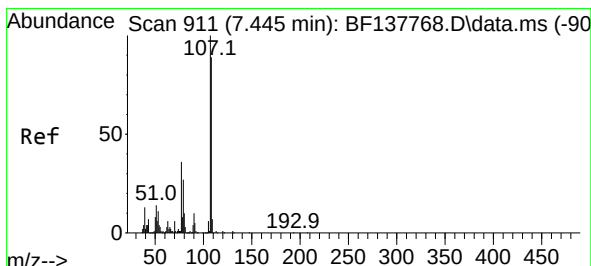
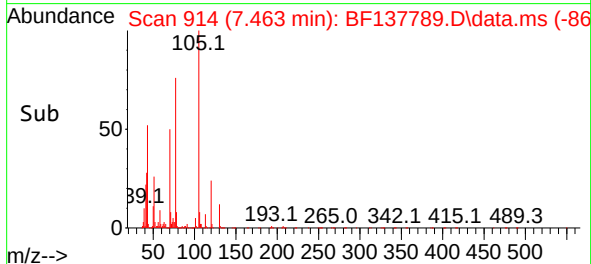
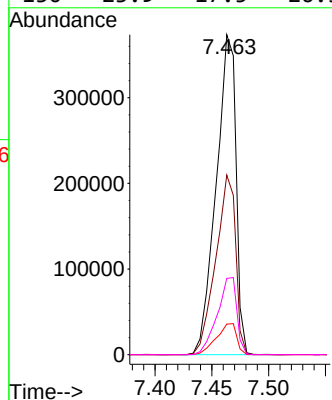
Ion Ratio Lower Upper

70 100

42 56.2 44.6 66.8

101 9.6 7.8 11.6

130 23.9 17.5 26.3



#20

3+4-Methylphenols

Concen: 46.361 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Tgt Ion: 107 Resp: 713906

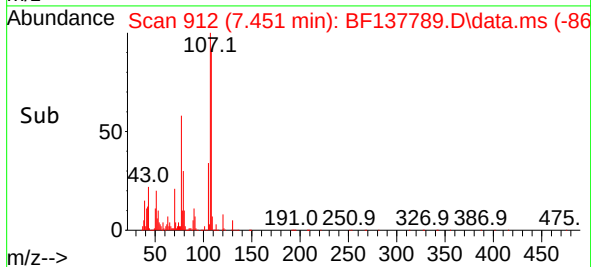
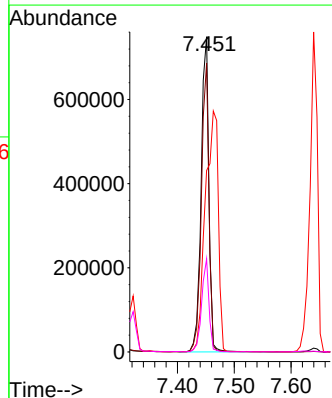
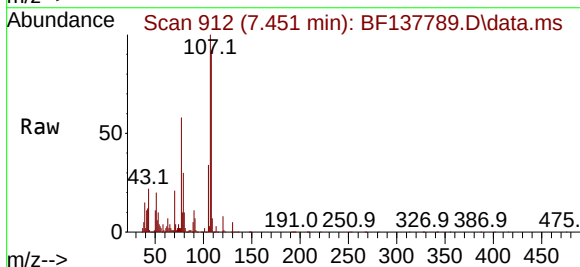
Ion Ratio Lower Upper

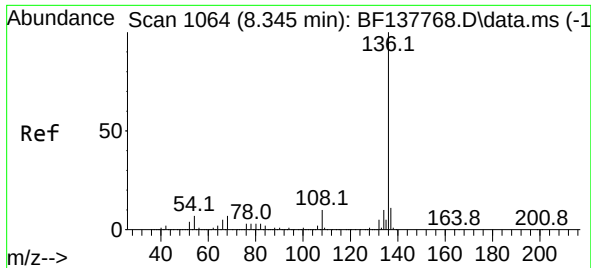
107 100

108 91.7 69.3 109.3

77 57.6 15.7 55.7#

79 29.5 6.8 46.8

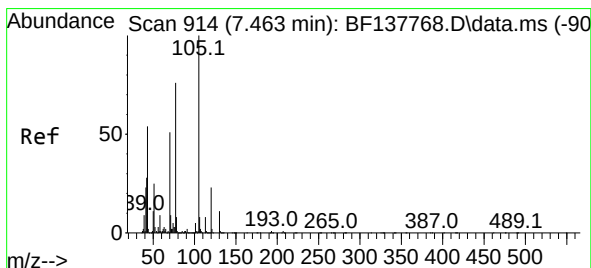
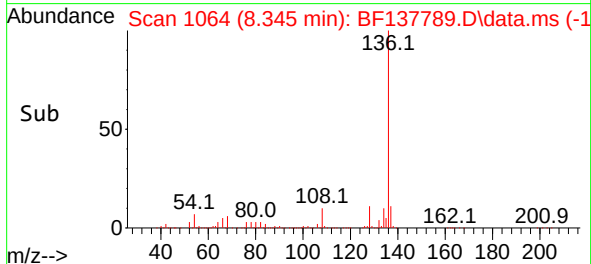
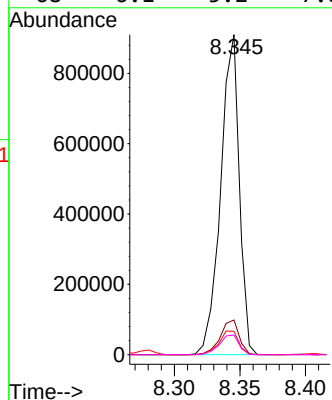
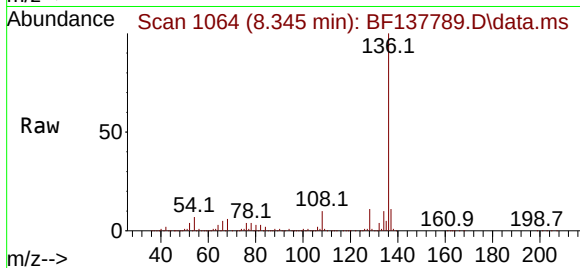




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

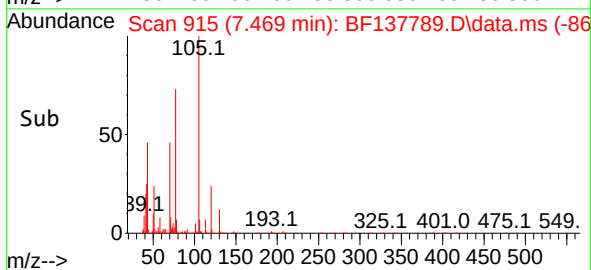
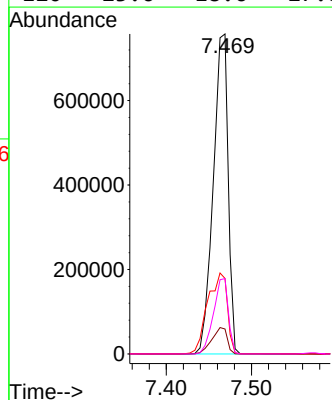
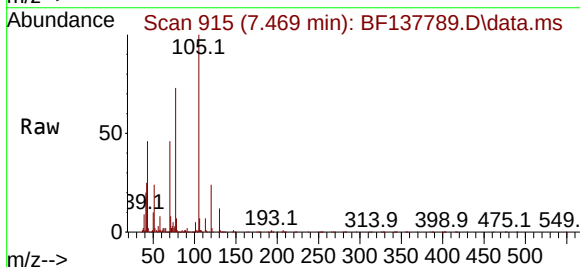
Instrument :
BNA_F
ClientSampleId :

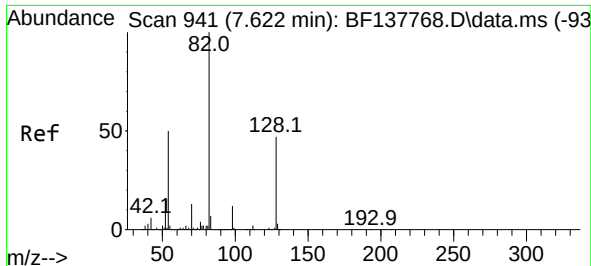
Tgt Ion:136	Resp: 896945
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 7.3	5.8 8.8
68 6.1	5.2 7.8



#22
Acetophenone
Concen: 45.660 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt	Ion:105	Resp:	921085
Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.9	10.3
51	23.6	20.2	30.2
120	23.6	18.6	27.8





#23

Nitrobenzene-d5

Concen: 84.370 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

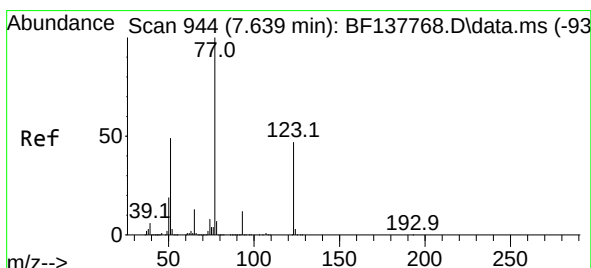
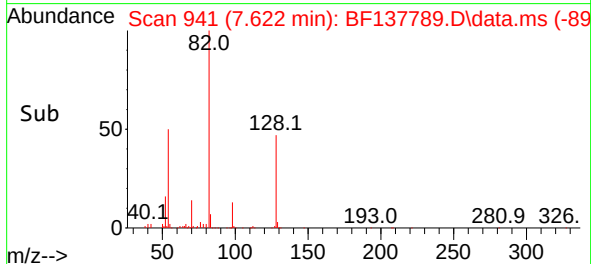
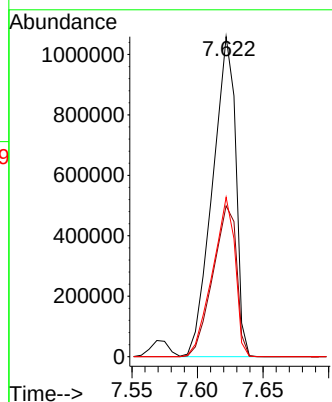
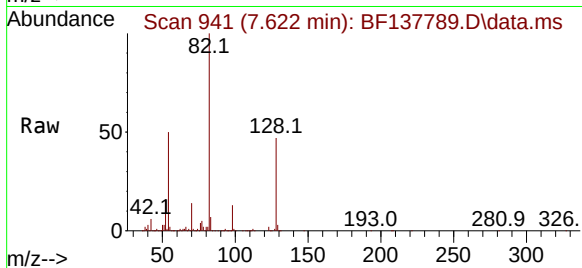
Tgt Ion: 82 Resp: 1302546

Ion Ratio Lower Upper

82 100

128 47.1 37.5 56.3

54 49.8 39.8 59.6



#24

Nitrobenzene

Concen: 44.130 ng

RT: 7.640 min Scan# 944

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

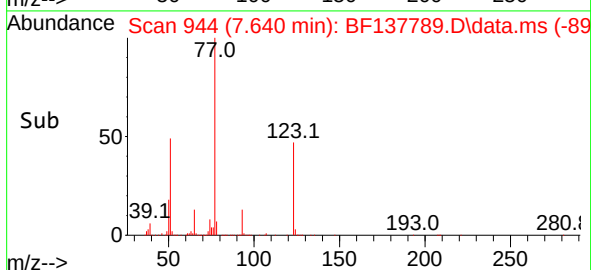
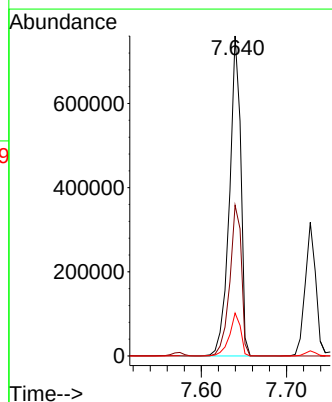
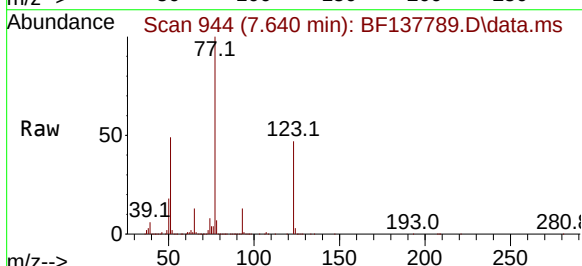
Tgt Ion: 77 Resp: 702180

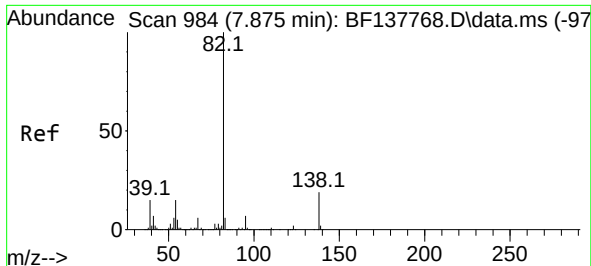
Ion Ratio Lower Upper

77 100

123 47.1 37.4 56.2

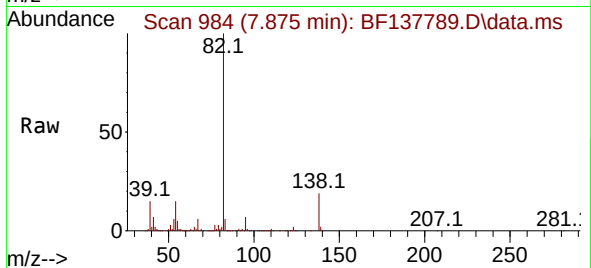
65 13.4 10.7 16.1



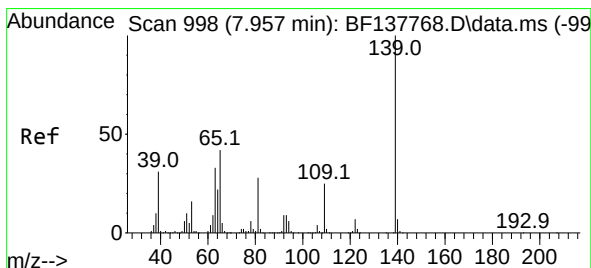
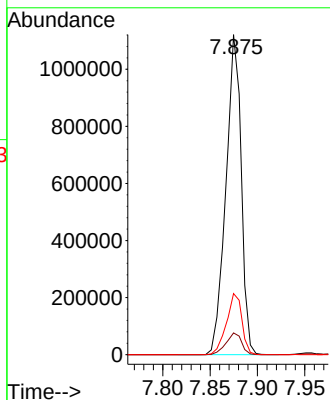
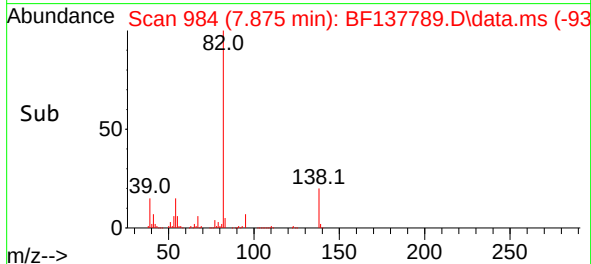


#25
Isophorone
Concen: 45.357 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :
BNA_F
ClientSampleId :

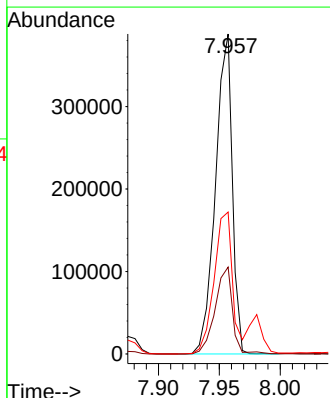
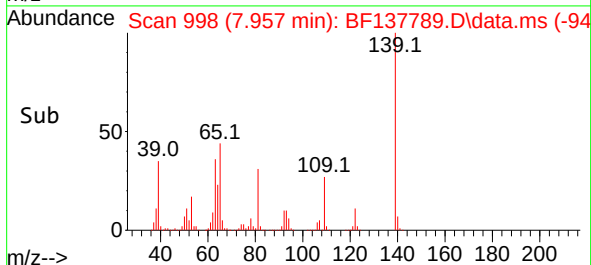
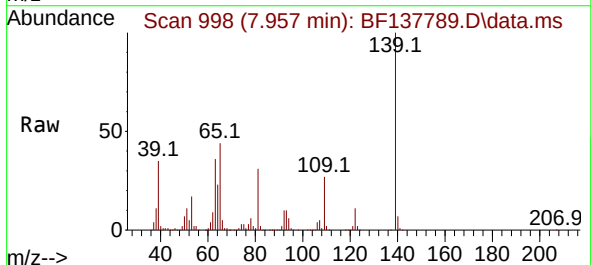


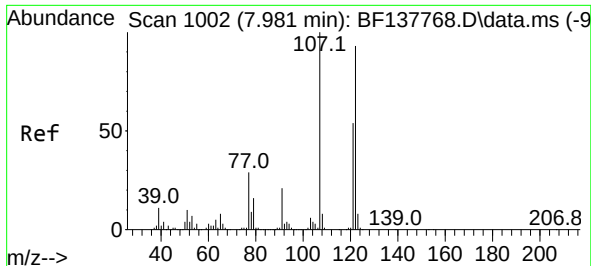
Tgt Ion: 82 Resp: 1262536
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.1 15.0 22.6



#26
2-Nitrophenol
Concen: 51.686 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion: 139 Resp: 372423
Ion Ratio Lower Upper
139 100
109 27.2 20.2 30.2
65 44.4 33.4 50.0



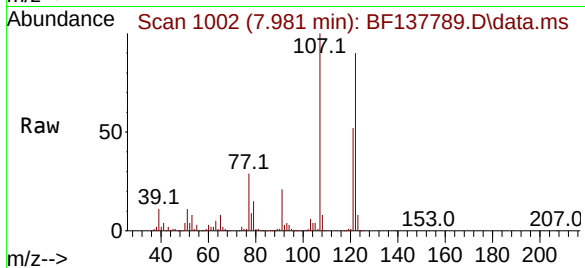


#27
2,4-Dimethylphenol
Concen: 51.384 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

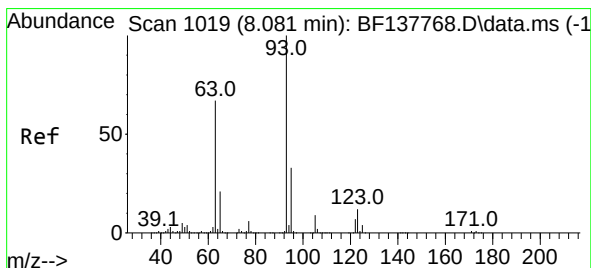
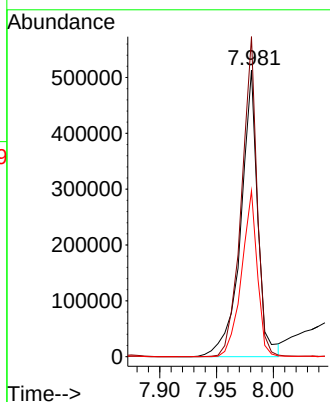
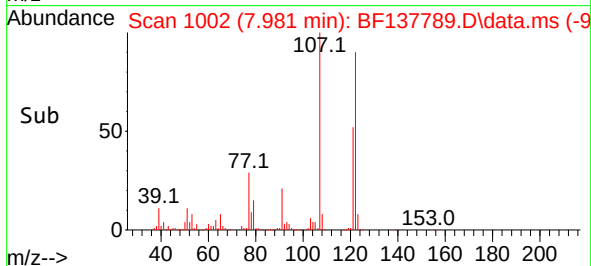
Instrument :

BNA_F

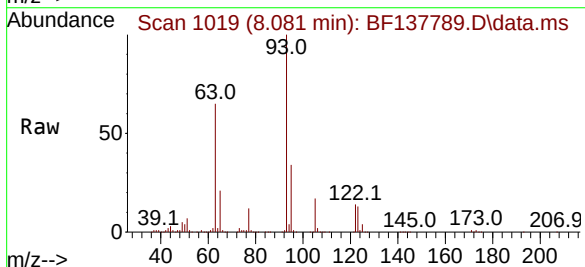
ClientSampleId :



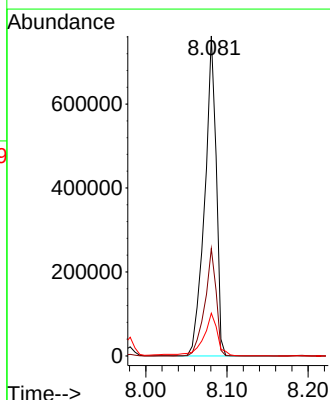
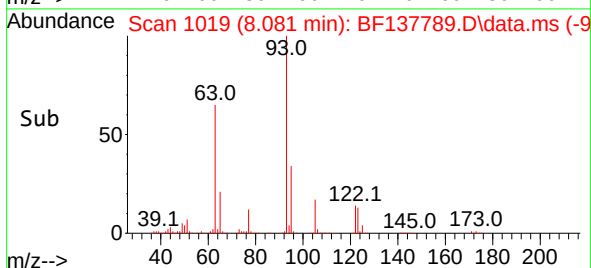
Tgt Ion:122 Resp: 533022
Ion Ratio Lower Upper
122 100
107 111.7 85.8 128.8
121 57.9 46.6 69.8

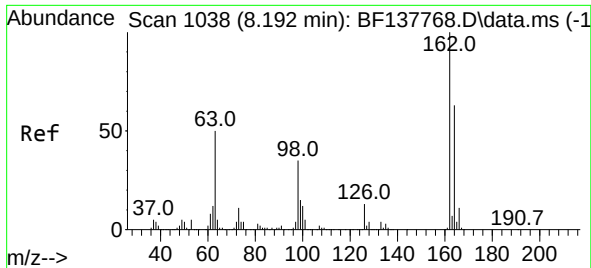


#28
bis(2-Chloroethoxy)methane
Concen: 44.404 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13



Tgt Ion: 93 Resp: 748372
Ion Ratio Lower Upper
93 100
95 33.5 26.1 39.1
123 13.3 10.2 15.4

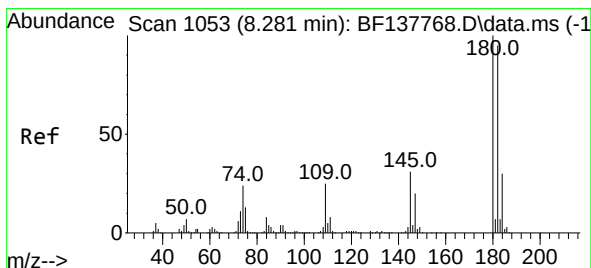
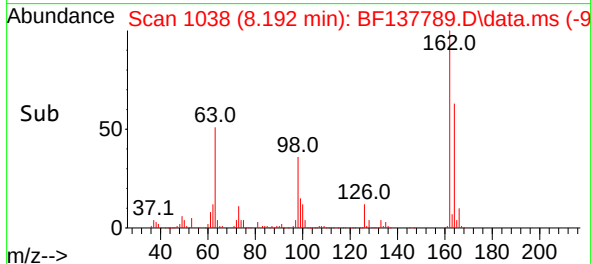
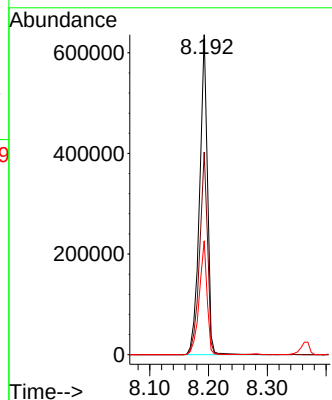
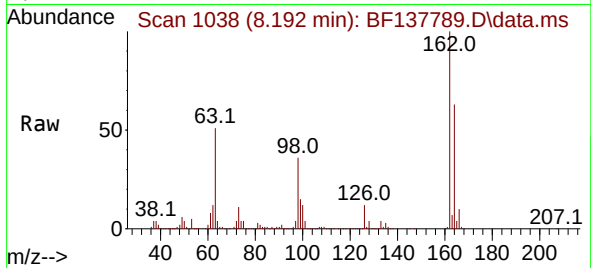




#29
2,4-Dichlorophenol
Concen: 47.206 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

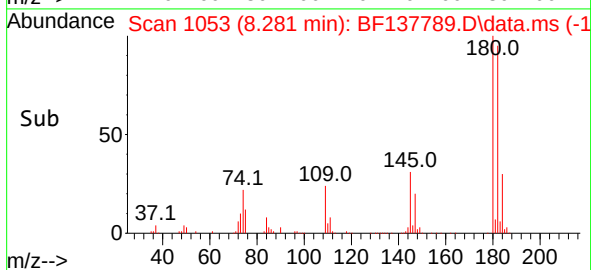
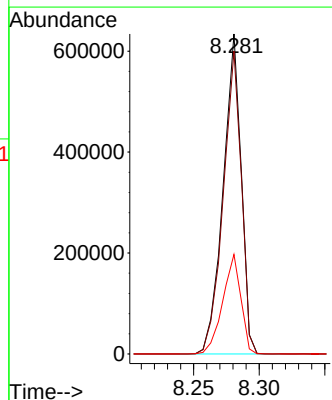
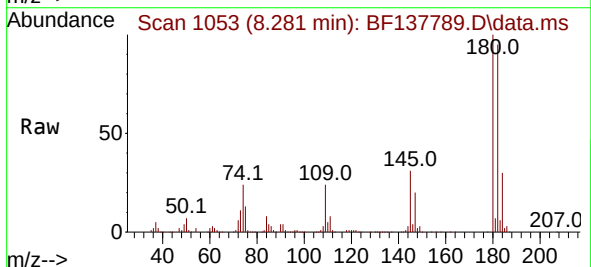
Instrument :
BNA_F
ClientSampleId :

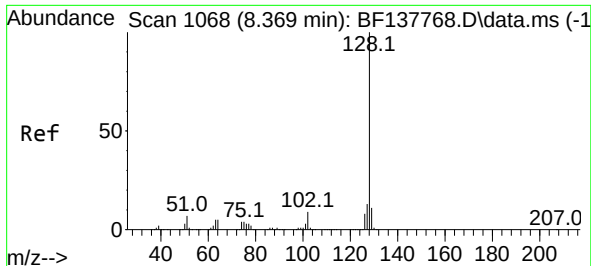
Tgt Ion:162 Resp: 591883
Ion Ratio Lower Upper
162 100
164 63.3 43.5 83.5
98 35.6 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 44.341 ng
RT: 8.281 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:180 Resp: 606078
Ion Ratio Lower Upper
180 100
182 94.6 76.2 114.2
145 31.1 25.1 37.7

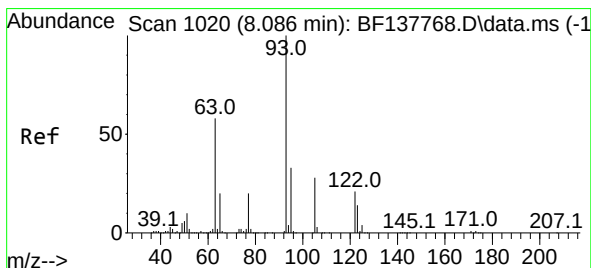
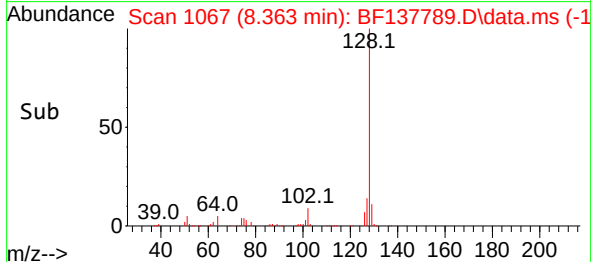
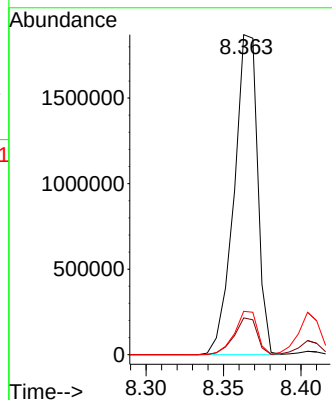
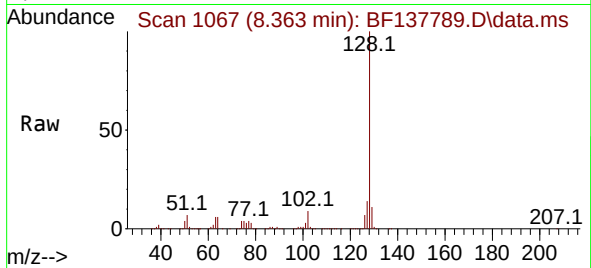




#31
Naphthalene
Concen: 44.381 ng
RT: 8.363 min Scan# 1067
Delta R.T. -0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

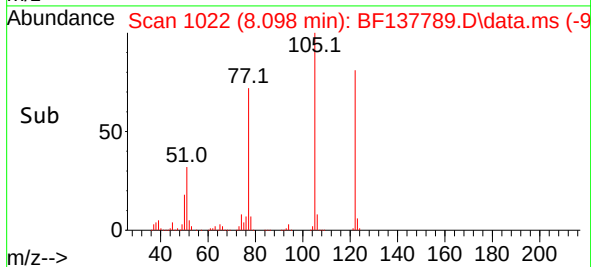
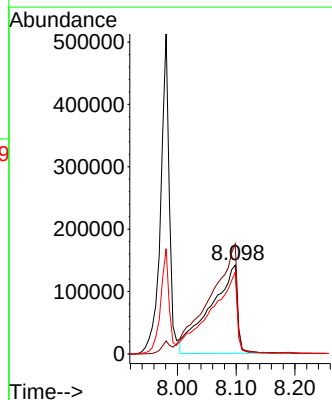
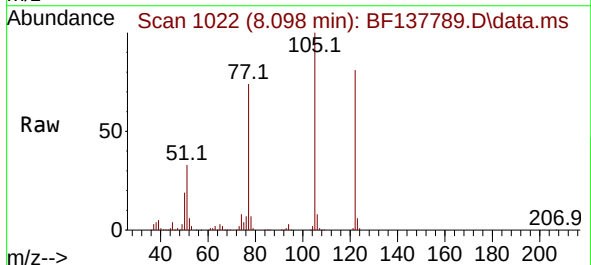
Instrument :
BNA_F
ClientSampleId :

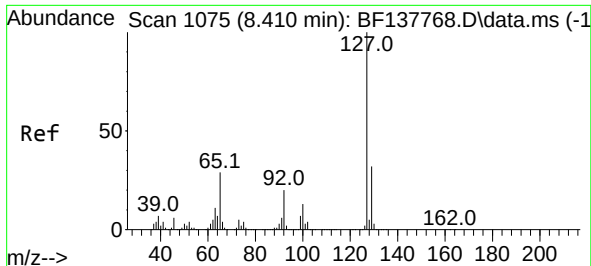
Tgt Ion:128 Resp: 1978265
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 50.368 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.012 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:122 Resp: 450747
Ion Ratio Lower Upper
122 100
105 123.9 105.3 145.3
77 92.3 73.2 113.2

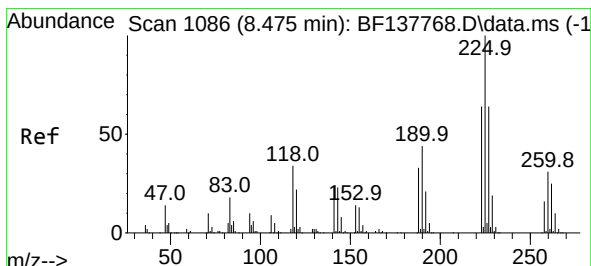
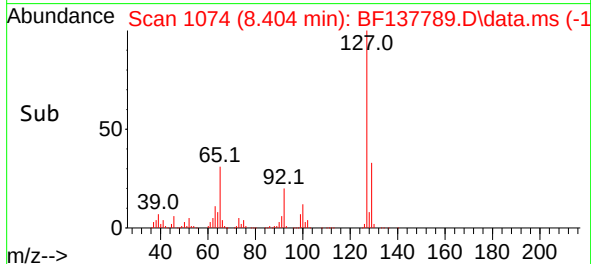
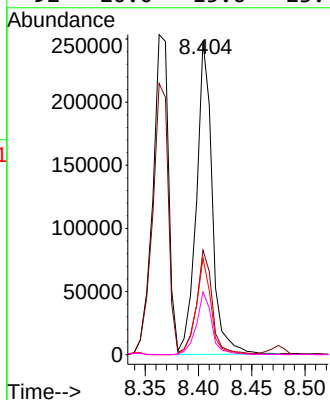
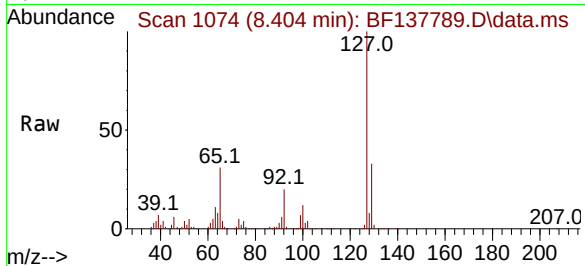




#33
4-Chloroaniline
Concen: 15.558 ng
RT: 8.404 min Scan# 1075
Delta R.T. -0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

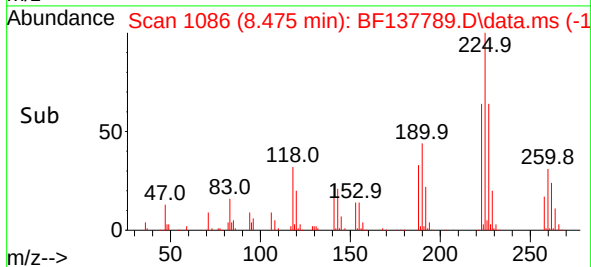
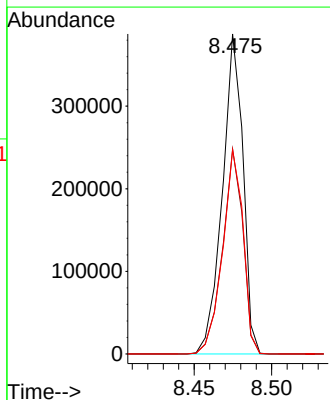
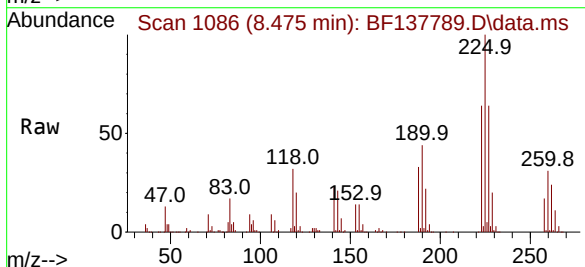
Instrument :
BNA_F
ClientSampleId :

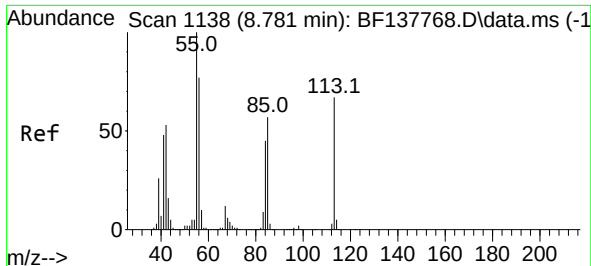
Tgt	Ion:127	Resp:	257154
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.7	38.5
65	30.8	23.4	35.2
92	20.0	15.6	23.4



#34
Hexachlorobutadiene
Concen: 42.548 ng
RT: 8.475 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:225	Resp: 357054		
Ion Ratio	Lower	Upper	
225	100		
223	64.1	51.1	76.7
227	63.8	51.4	77.0

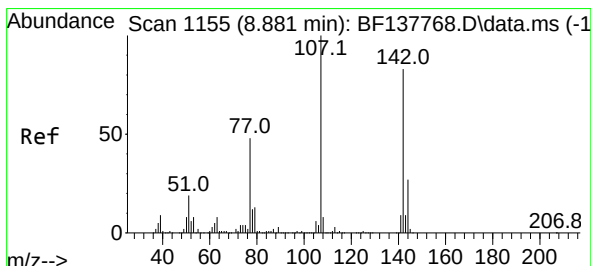
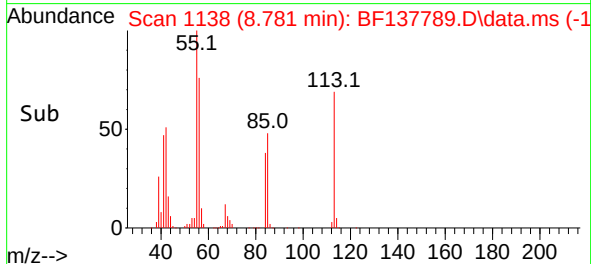
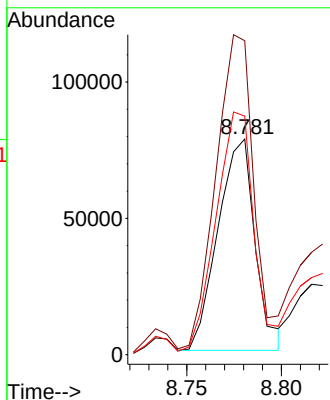
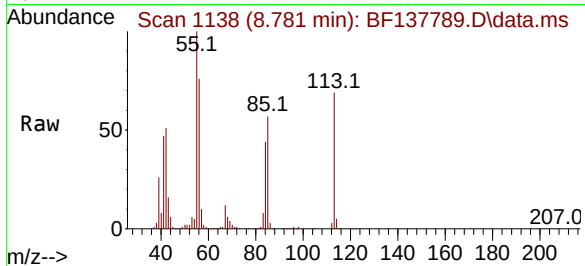




#35
Caprolactam
Concen: 26.552 ng
RT: 8.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

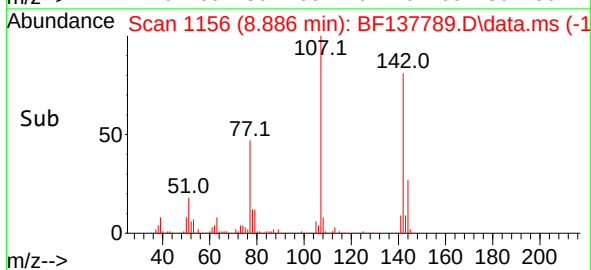
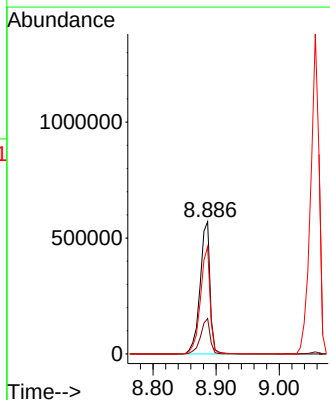
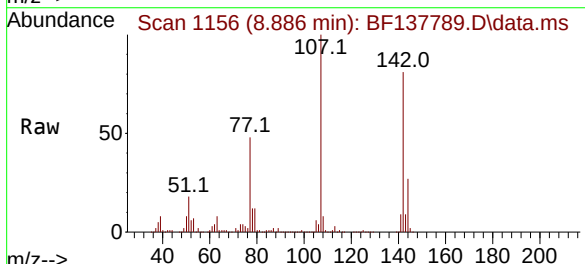
Instrument :
BNA_F
ClientSampleId :

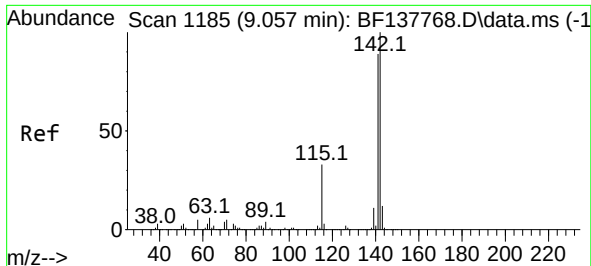
Tgt Ion:113 Resp: 105482
Ion Ratio Lower Upper
113 100
55 145.6 128.7 168.7
56 110.6 93.9 133.9



#36
4-Chloro-3-methylphenol
Concen: 47.776 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:107 Resp: 624685
Ion Ratio Lower Upper
107 100
144 26.7 21.4 32.0
142 81.0 66.2 99.2





#37

2-Methylnaphthalene

Concen: 44.855 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

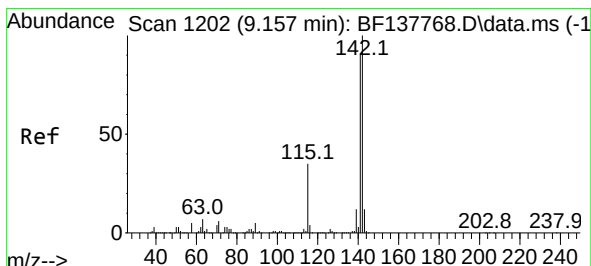
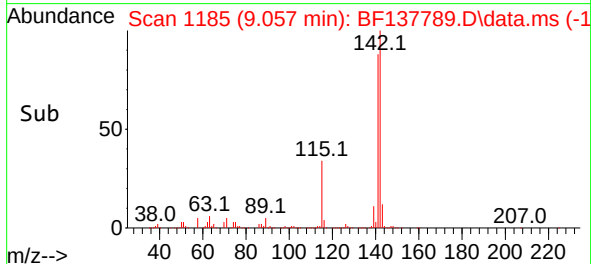
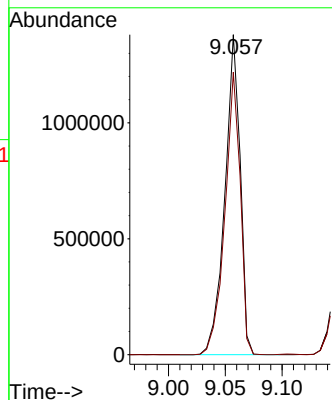
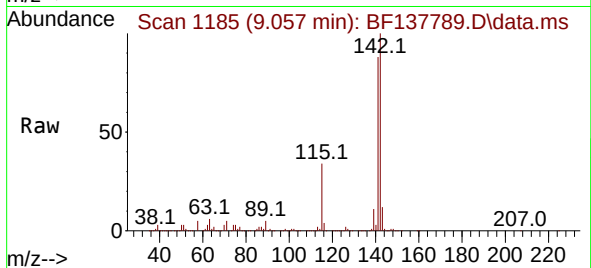
ClientSampleId :

Tgt Ion:142 Resp: 1294204

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 42.729 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF137789.D

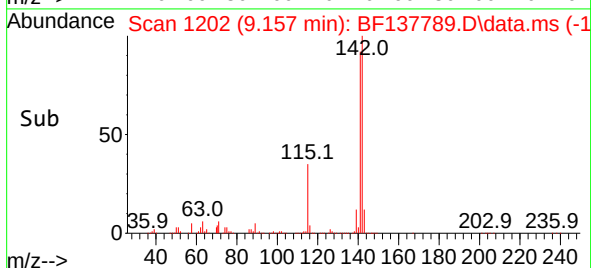
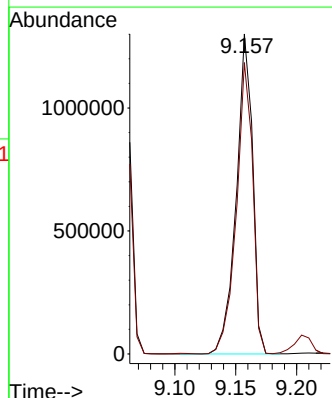
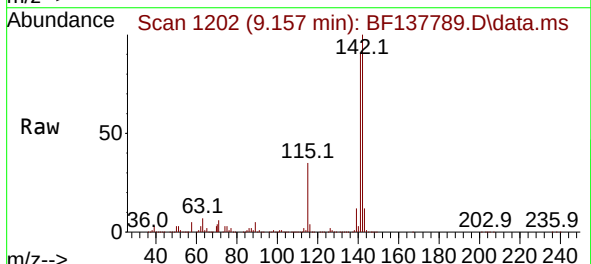
Acq: 01 May 2024 13:13

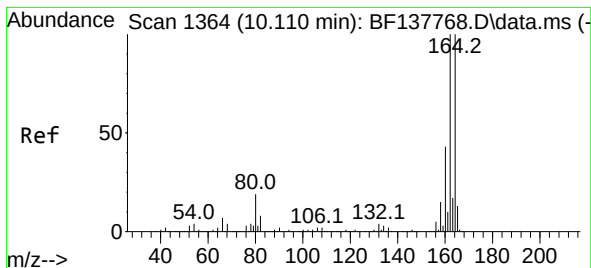
Tgt Ion:142 Resp: 1212928

Ion Ratio Lower Upper

142 100

141 91.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

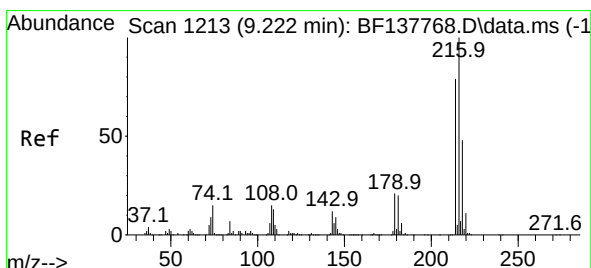
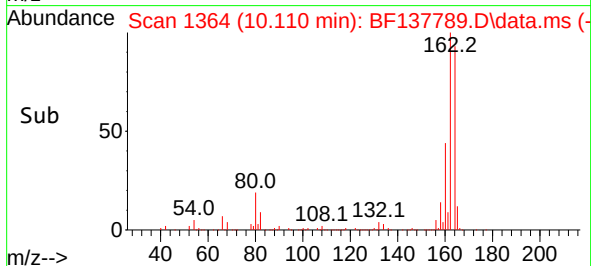
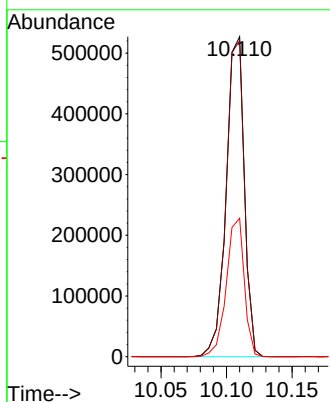
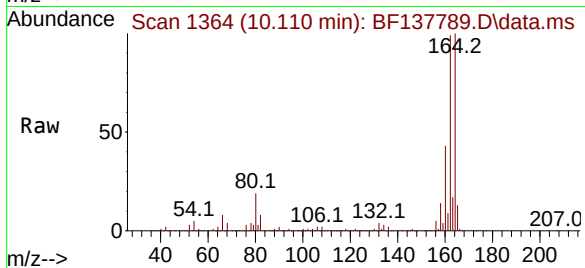
Tgt Ion:164 Resp: 507738

Ion Ratio Lower Upper

164 100

162 98.8 79.8 119.6

160 43.3 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.609 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Tgt Ion:216 Resp: 613342

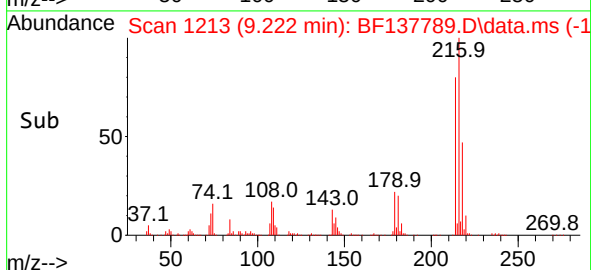
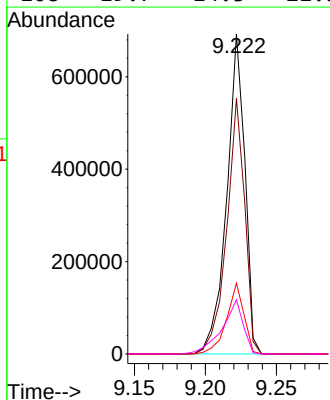
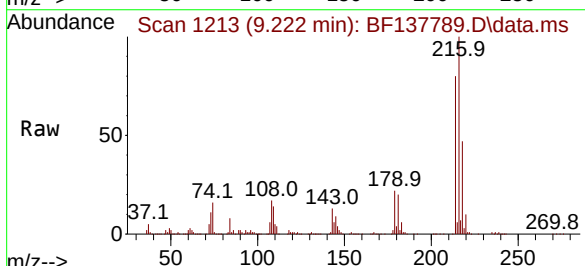
Ion Ratio Lower Upper

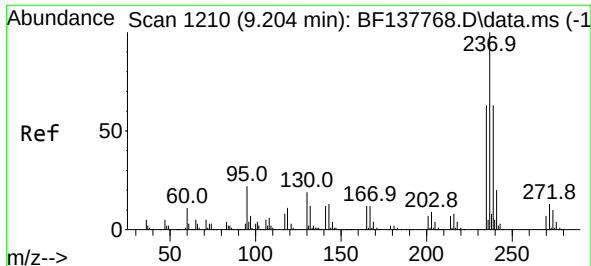
216 100

214 79.1 63.3 94.9

179 21.3 16.8 25.2

108 19.7 14.3 21.5

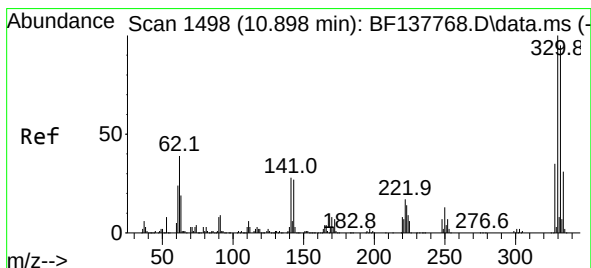
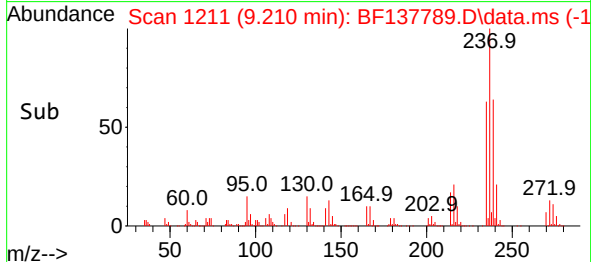
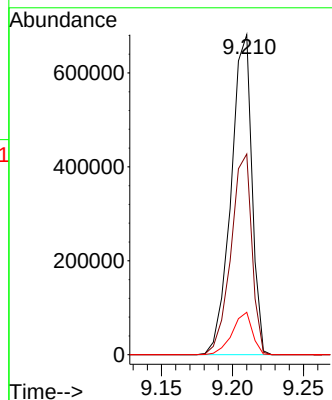
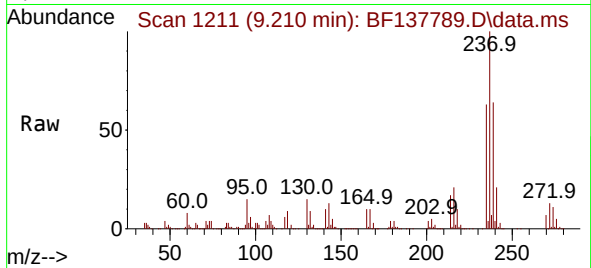




#41
Hexachlorocyclopentadiene
Concen: 127.589 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

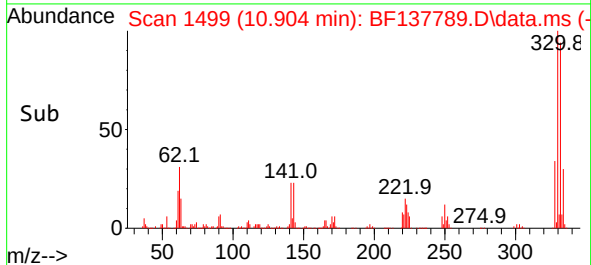
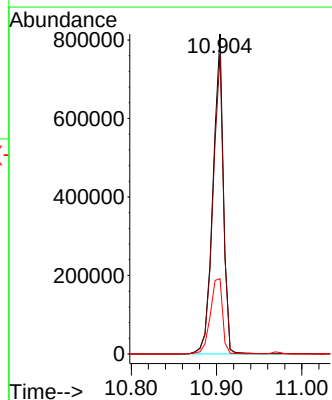
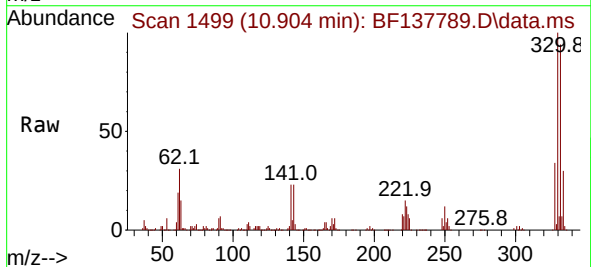
Instrument :
BNA_F
ClientSampleId :

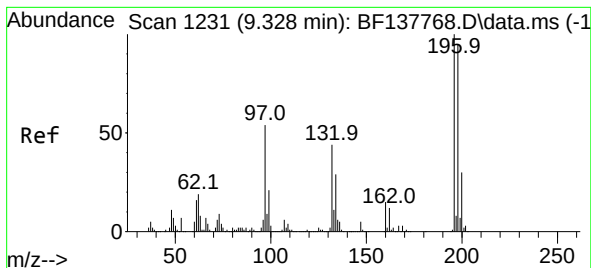
Tgt Ion:237 Resp: 696908
Ion Ratio Lower Upper
237 100
235 62.7 43.0 83.0
272 13.3 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 133.434 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:330 Resp: 691737
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 27.6 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 48.470 ng

RT: 9.334 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

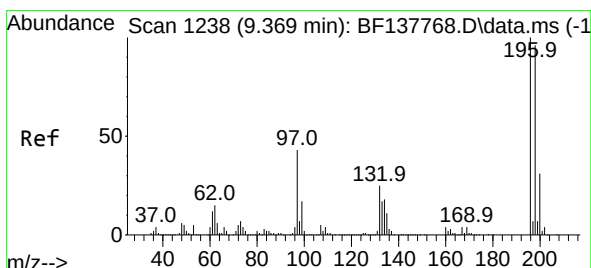
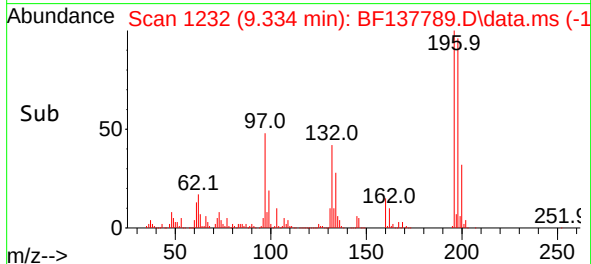
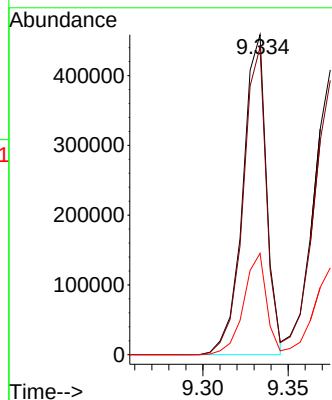
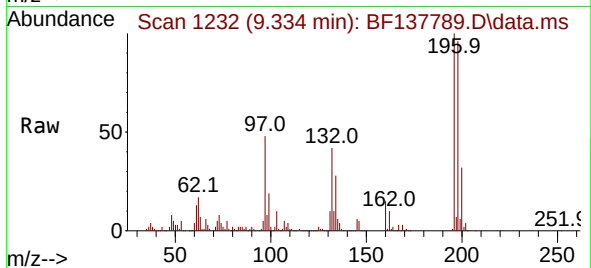
Tgt Ion:196 Resp: 443695

Ion Ratio Lower Upper

196 100

198 96.2 76.2 114.4

200 31.7 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 47.447 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Tgt Ion:196 Resp: 479577

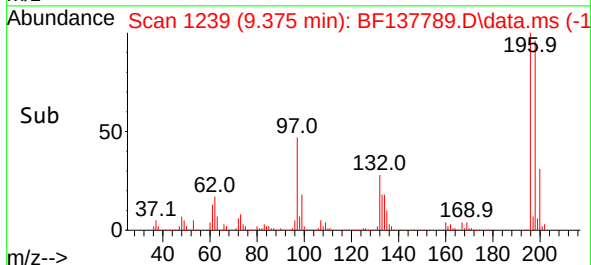
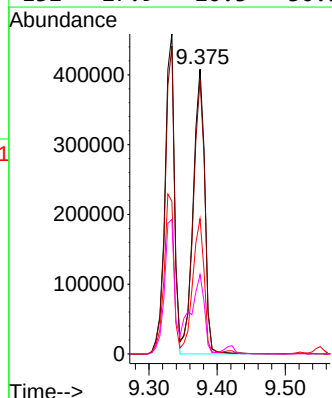
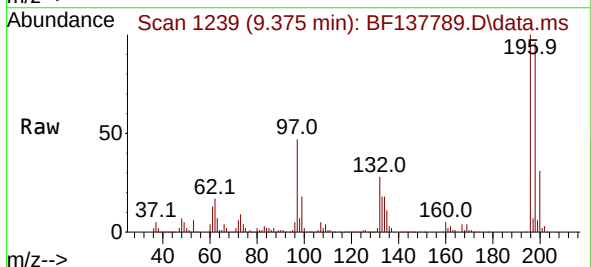
Ion Ratio Lower Upper

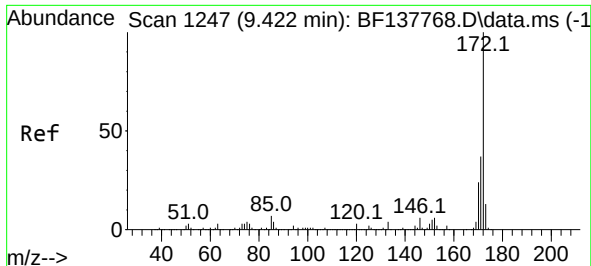
196 100

198 96.4 76.6 114.8

97 47.5 34.5 51.7

132 27.9 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 82.822 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

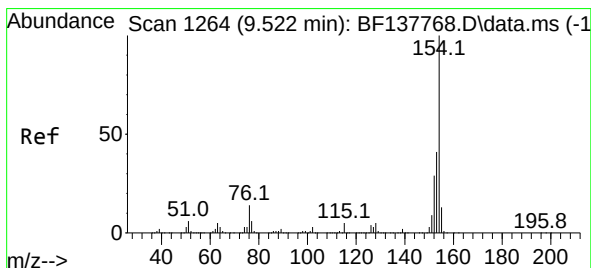
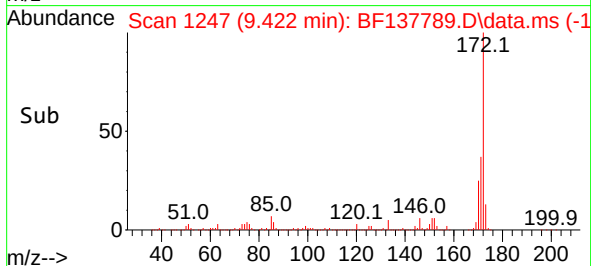
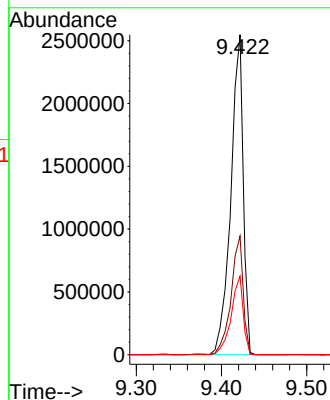
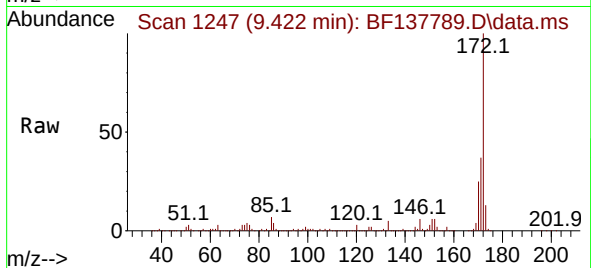
Tgt Ion:172 Resp: 2592028

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

170 24.5 19.4 29.2



#46

1,1'-Biphenyl

Concen: 45.477 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

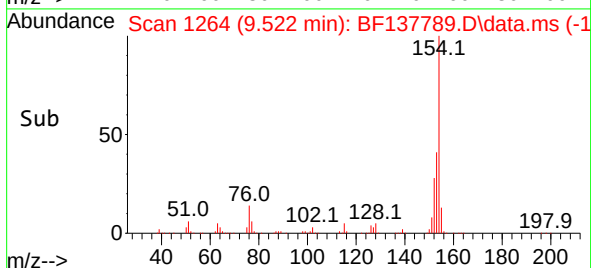
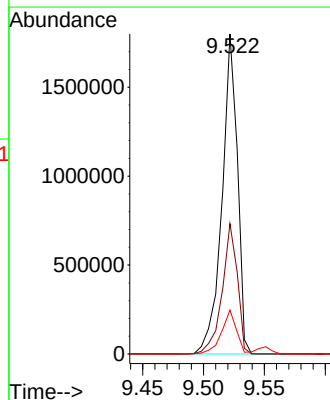
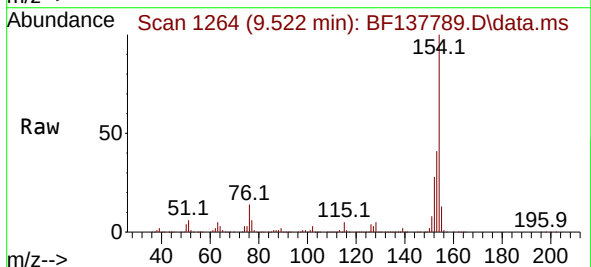
Tgt Ion:154 Resp: 1584654

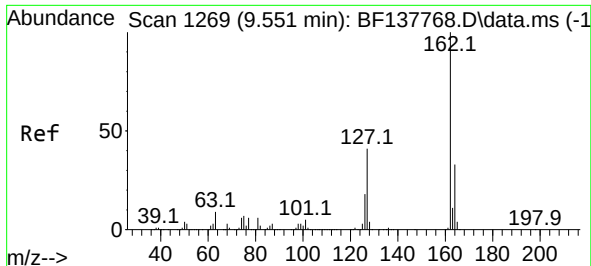
Ion Ratio Lower Upper

154 100

153 40.8 21.4 61.4

76 13.7 0.0 33.5

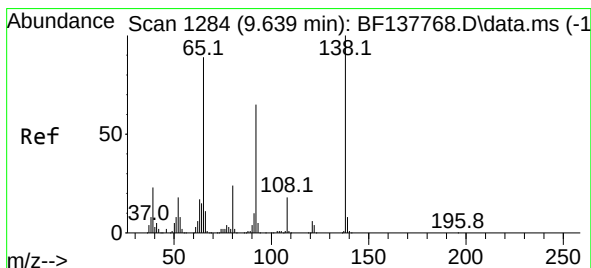
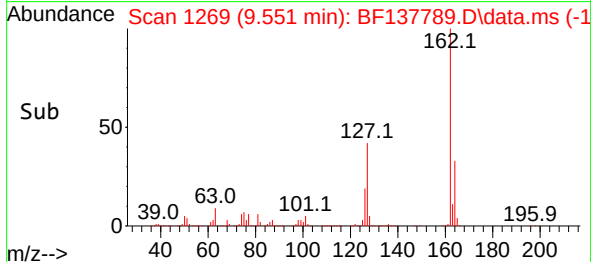
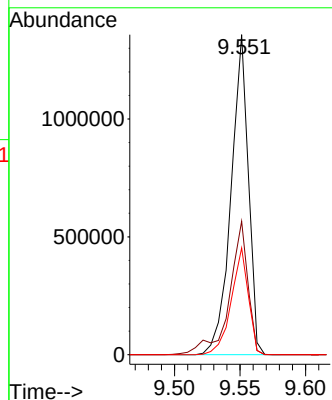
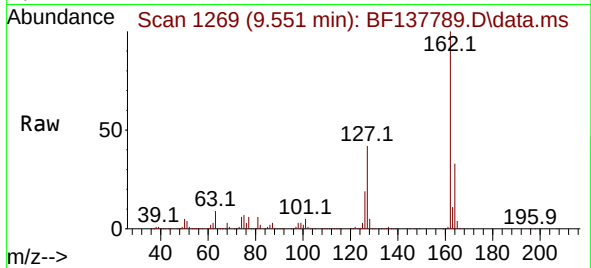




#47
2-Chloronaphthalene
Concen: 44.365 ng
RT: 9.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

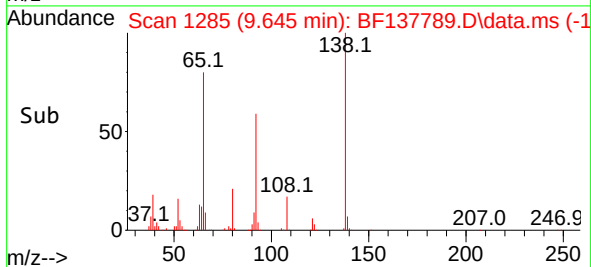
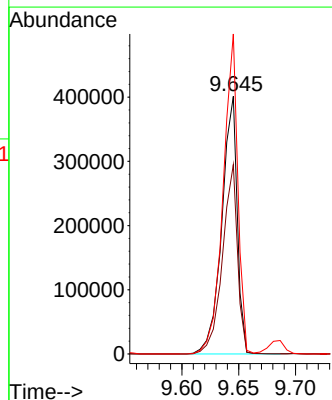
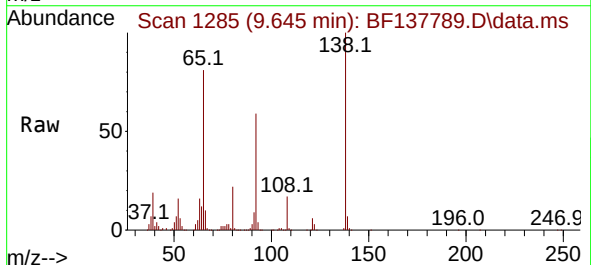
Instrument :
BNA_F
ClientSampleId :

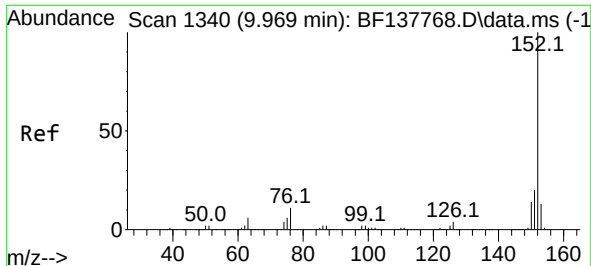
Tgt Ion:162 Resp: 1248068
Ion Ratio Lower Upper
162 100
127 41.7 32.6 49.0
164 33.3 26.5 39.7



#48
2-Nitroaniline
Concen: 49.887 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion: 65 Resp: 380624
Ion Ratio Lower Upper
65 100
92 73.5 58.6 88.0
138 124.2 90.3 135.5





#49

Acenaphthylene

Concen: 49.467 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.000 min

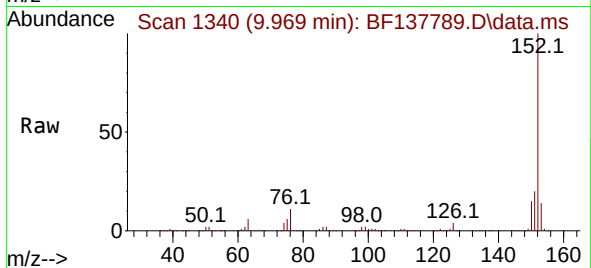
Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :



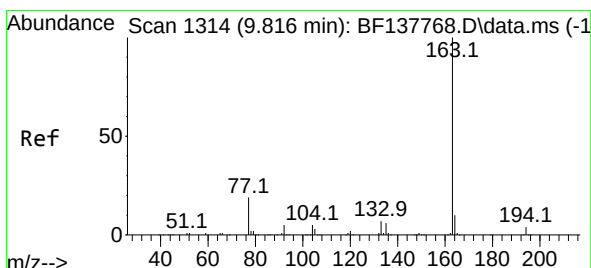
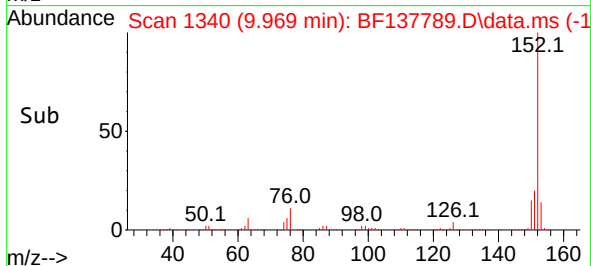
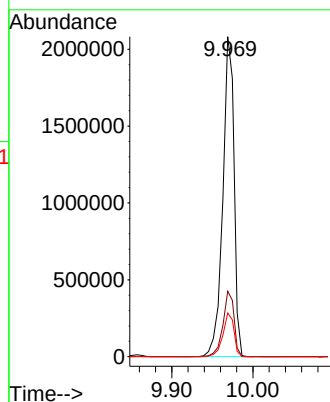
Tgt Ion:152 Resp: 2013079

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.6 10.8 16.2



#50

Dimethylphthalate

Concen: 46.963 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

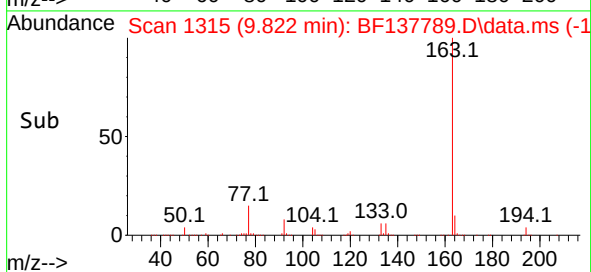
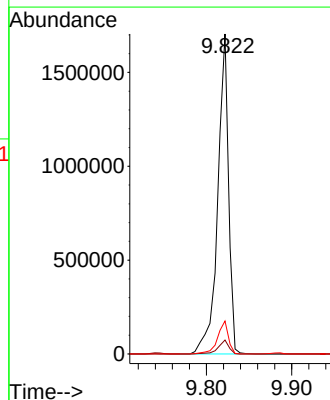
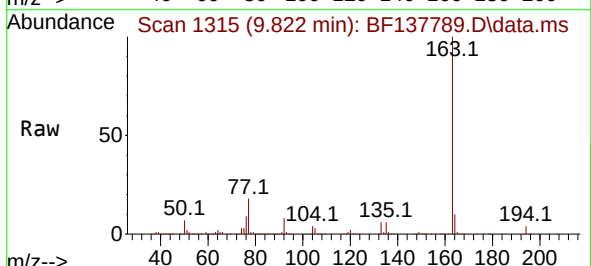
Tgt Ion:163 Resp: 1505314

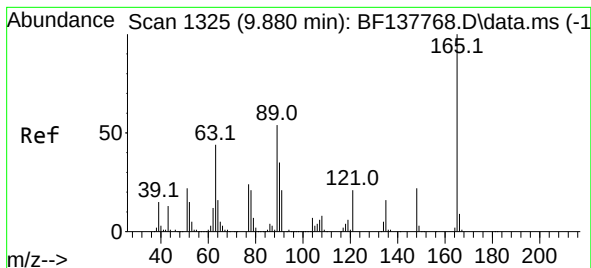
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 46.704 ng

RT: 9.886 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

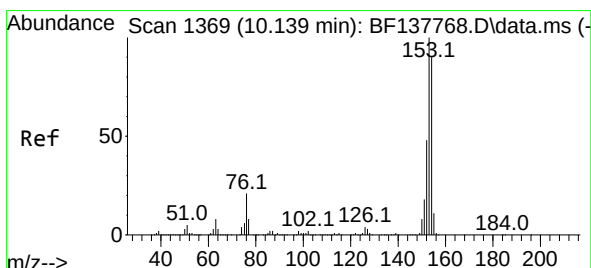
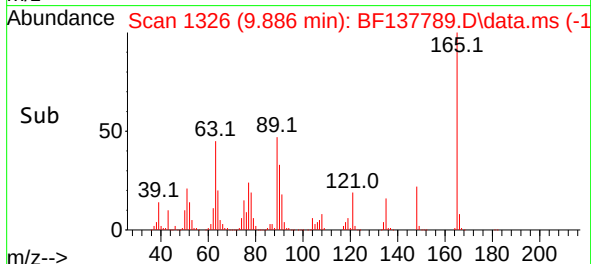
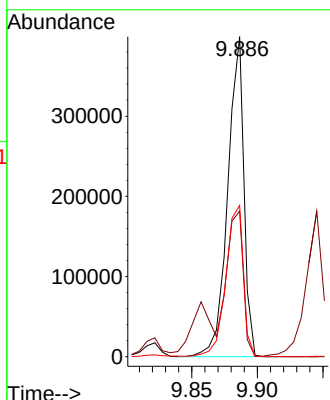
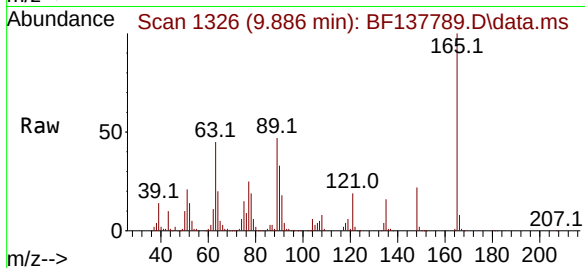
Tgt Ion:165 Resp: 342110

Ion Ratio Lower Upper

165 100

63 45.5 41.9 62.9

89 47.3 43.2 64.8



#52

Acenaphthene

Concen: 49.606 ng

RT: 10.145 min Scan# 1370

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

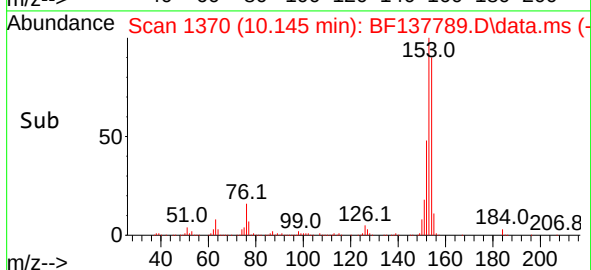
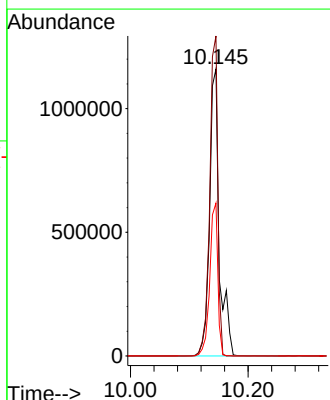
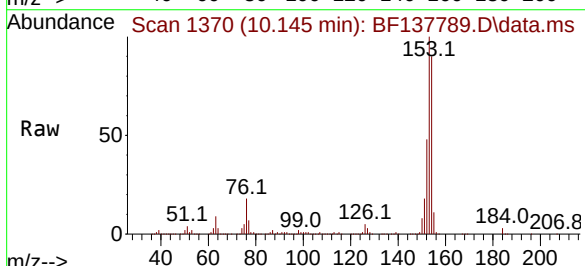
Tgt Ion:154 Resp: 1338115

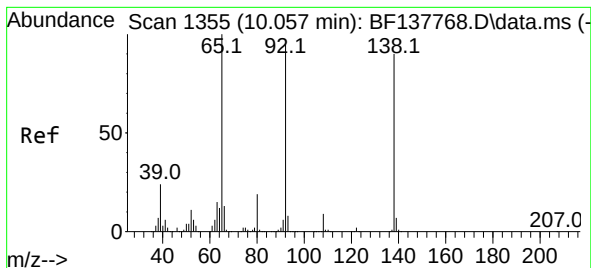
Ion Ratio Lower Upper

154 100

153 111.6 88.7 133.1

152 53.3 42.8 64.2





#53

3-Nitroaniline

Concen: 28.623 ng

RT: 10.057 min Scan# 11

Delta R.T. 0.000 min

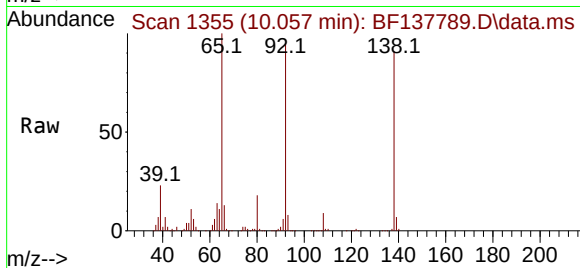
Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :



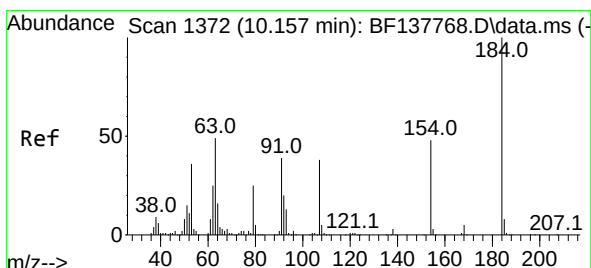
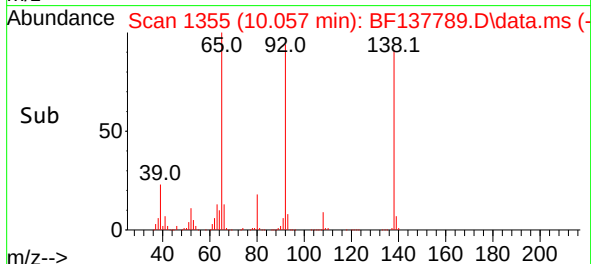
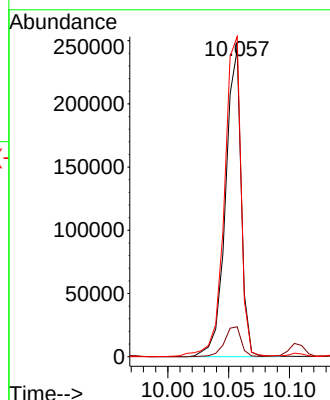
Tgt Ion:138 Resp: 219565

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

92 104.2 84.6 126.8



#54

2,4-Dinitrophenol

Concen: 110.881 ng

RT: 10.163 min Scan# 1373

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

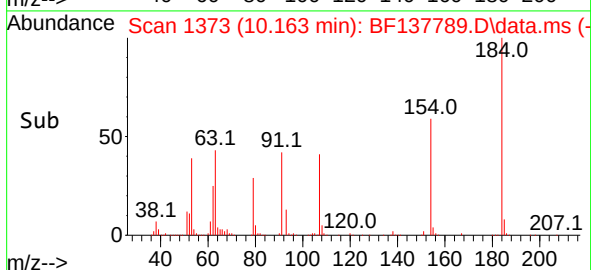
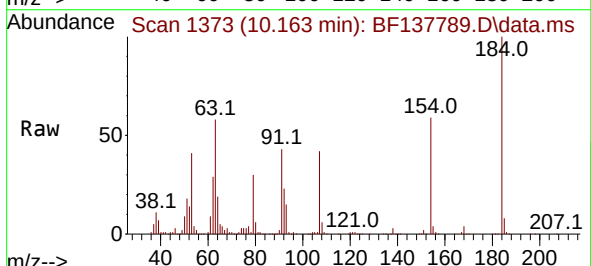
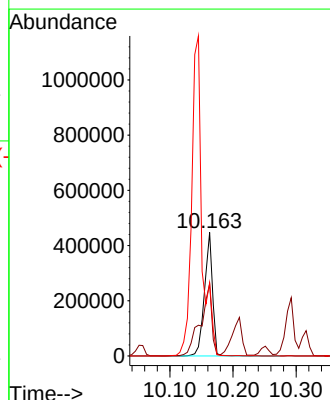
Tgt Ion:184 Resp: 399087

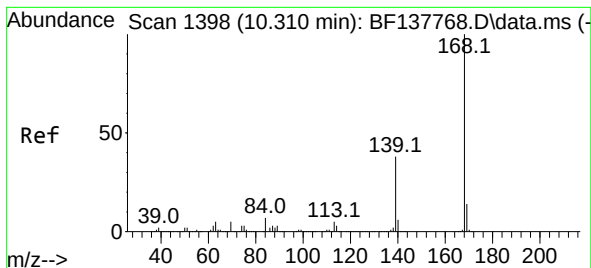
Ion Ratio Lower Upper

184 100

63 58.4 40.3 60.5

154 59.2 45.2 67.8





#55

Dibenzofuran

Concen: 45.719 ng

RT: 10.316 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

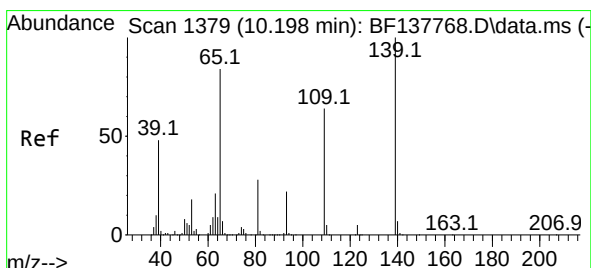
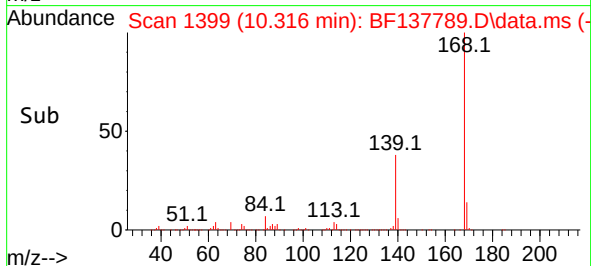
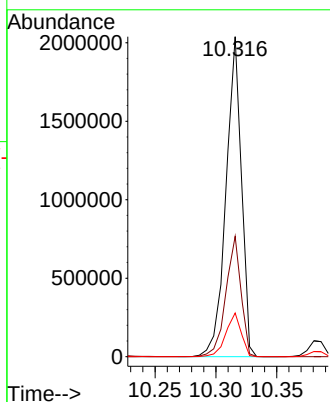
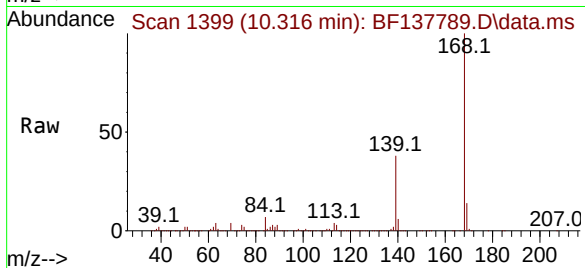
Tgt Ion:168 Resp: 1794660

Ion Ratio Lower Upper

168 100

139 37.6 30.2 45.4

169 13.6 11.4 17.0



#56

4-Nitrophenol

Concen: 95.020 ng

RT: 10.210 min Scan# 1381

Delta R.T. 0.012 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

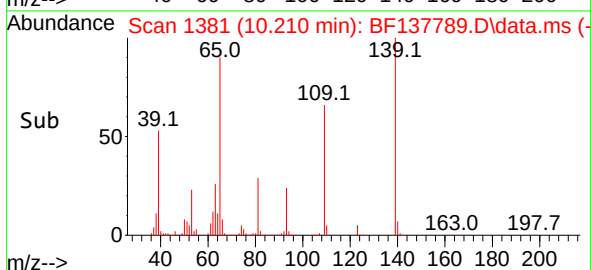
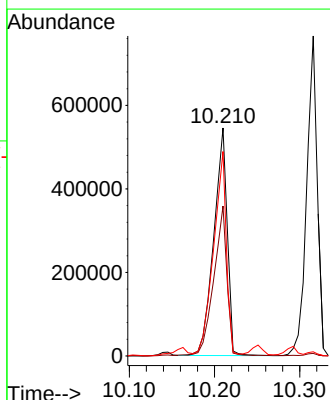
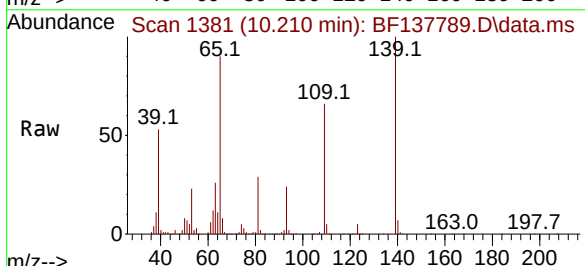
Tgt Ion:139 Resp: 604107

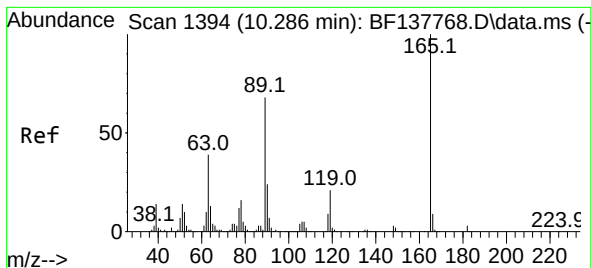
Ion Ratio Lower Upper

139 100

109 65.8 44.0 84.0

65 89.7 64.3 104.3

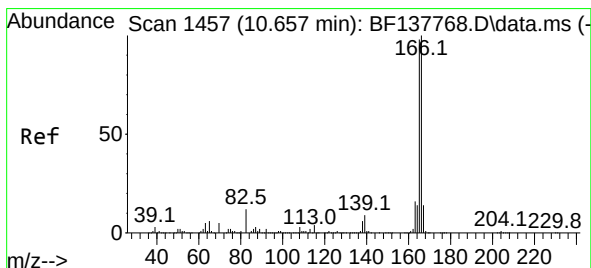
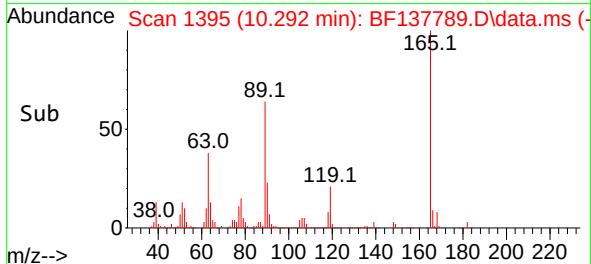
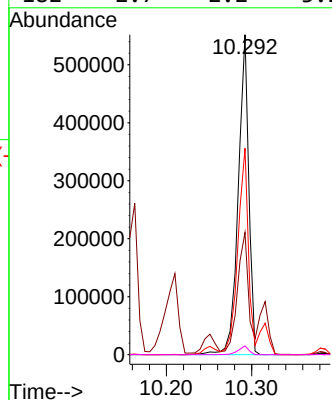
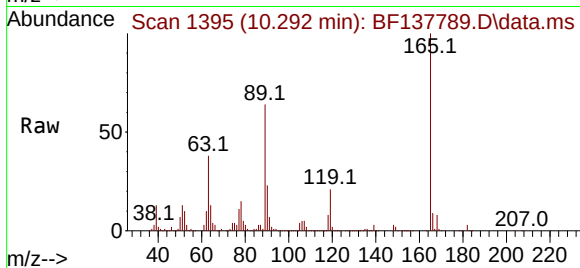




#57
2,4-Dinitrotoluene
Concen: 49.731 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

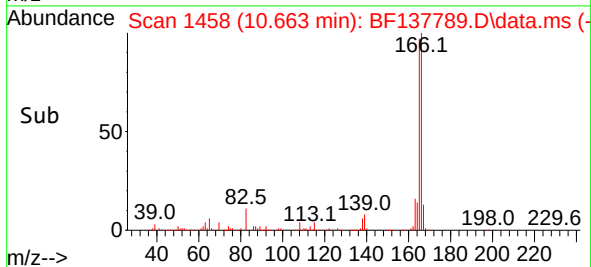
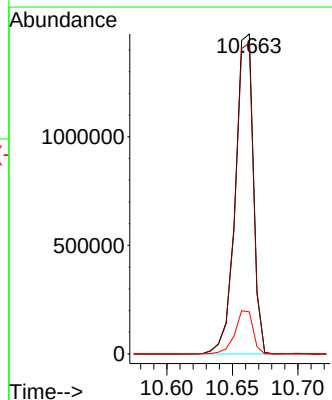
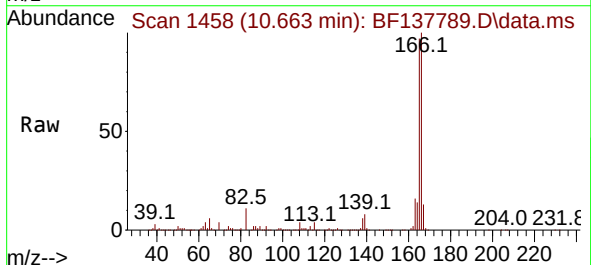
Instrument :
BNA_F
ClientSampleId :

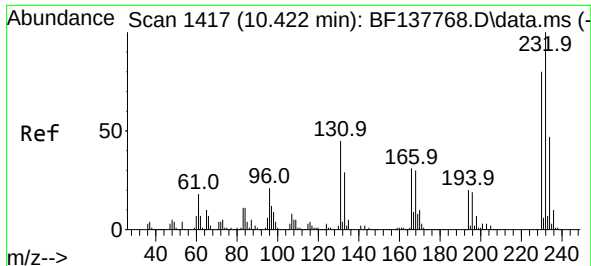
Tgt Ion:165 Resp: 475919
Ion Ratio Lower Upper
165 100
63 38.2 31.3 46.9
89 64.5 54.2 81.4
182 2.7 2.2 3.2



#58
Fluorene
Concen: 45.276 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:166 Resp: 1414468
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 13.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.546 ng

RT: 10.428 min Scan# 1417

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 398370

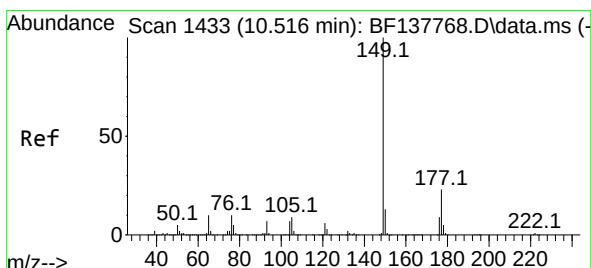
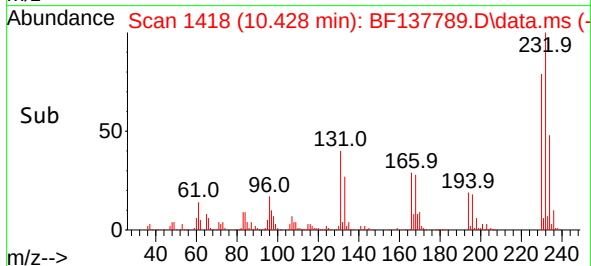
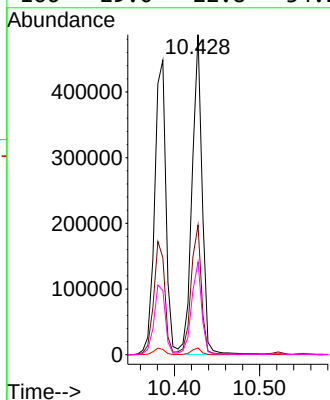
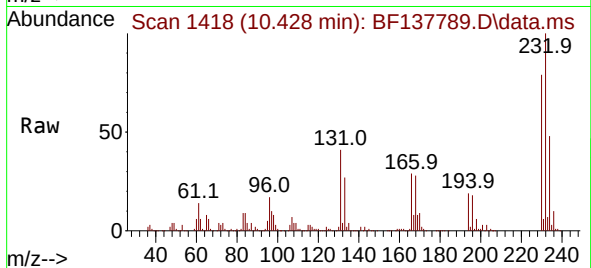
Ion Ratio Lower Upper

232 100

131 41.7 33.4 50.0

130 2.1 1.7 2.5

166 29.0 22.8 34.2



#60

Diethylphthalate

Concen: 46.063 ng

RT: 10.522 min Scan# 1434

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

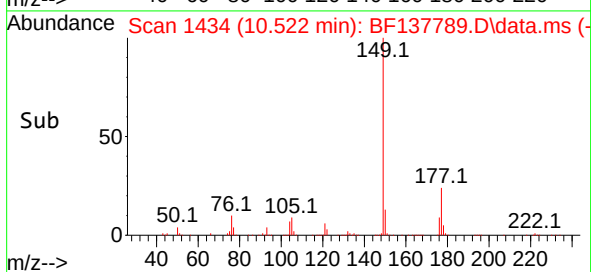
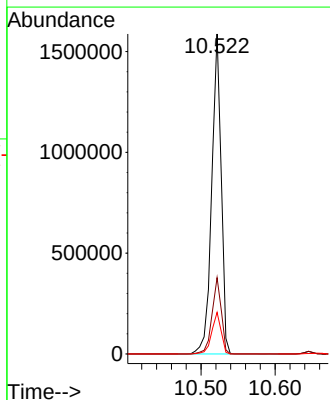
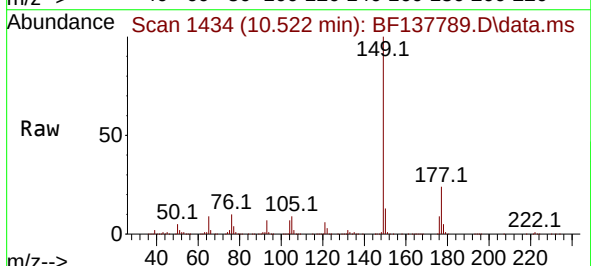
Tgt Ion:149 Resp: 1402262

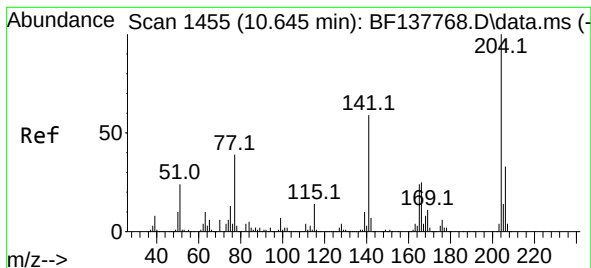
Ion Ratio Lower Upper

149 100

177 23.8 18.4 27.6

150 13.0 10.5 15.7

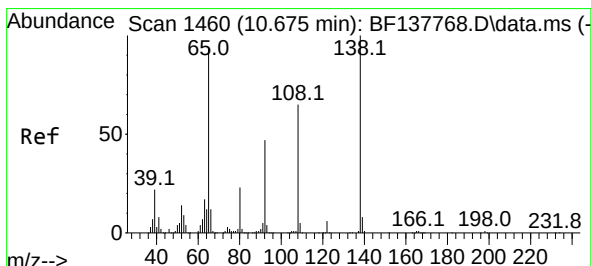
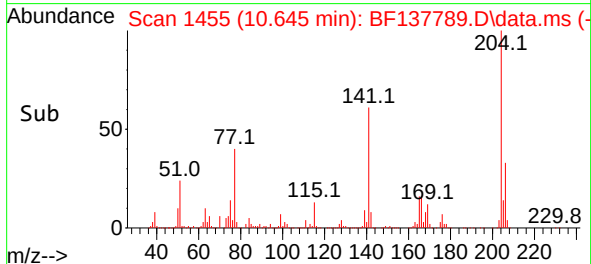
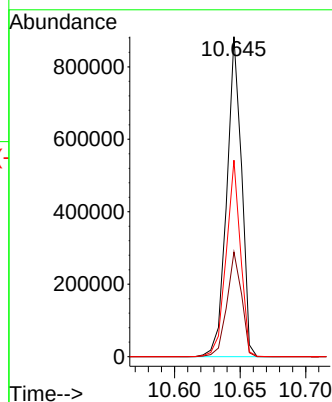
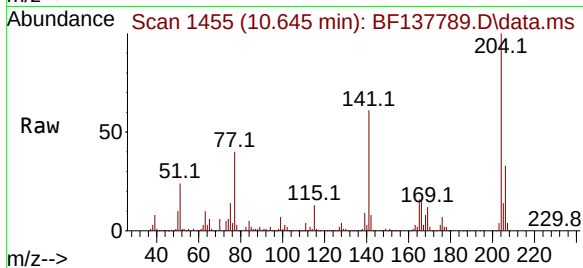




#61
4-Chlorophenyl-phenylether
Concen: 44.814 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

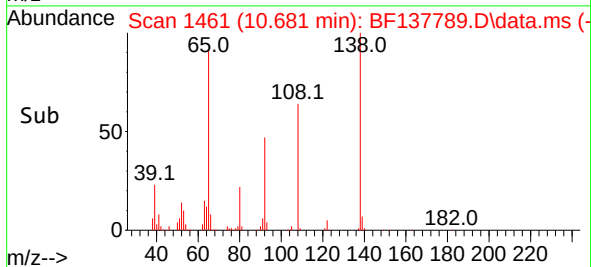
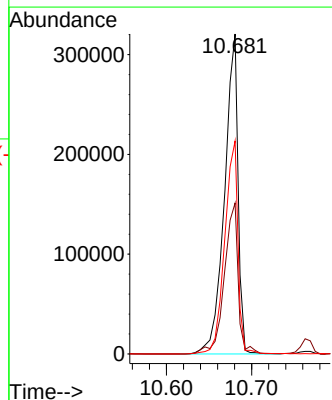
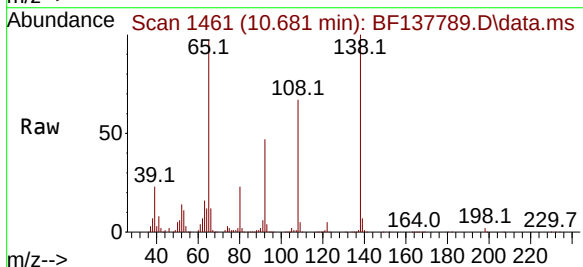
Instrument :
BNA_F
ClientSampleId :

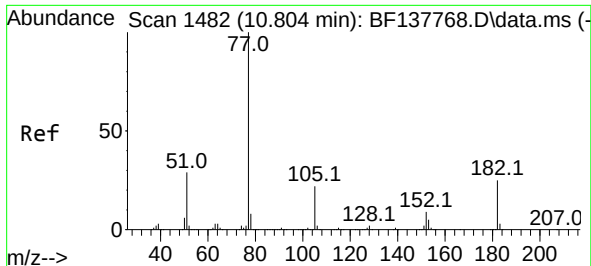
Tgt Ion:204 Resp: 689824
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 61.4 47.0 70.6



#62
4-Nitroaniline
Concen: 45.487 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

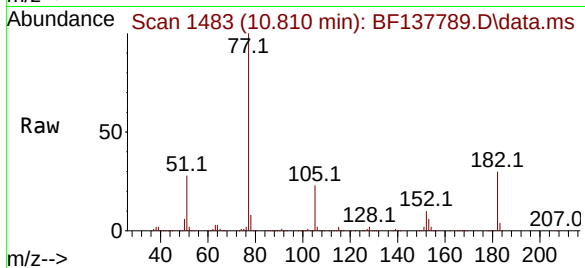
Tgt Ion:138 Resp: 353916
Ion Ratio Lower Upper
138 100
92 47.2 26.8 66.8
108 66.5 44.7 84.7





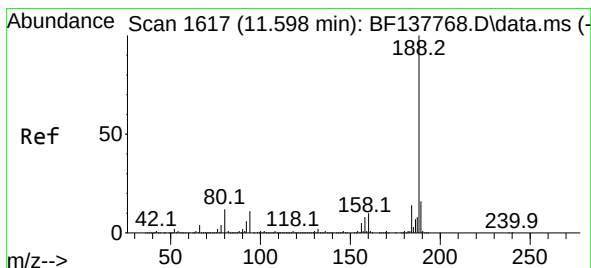
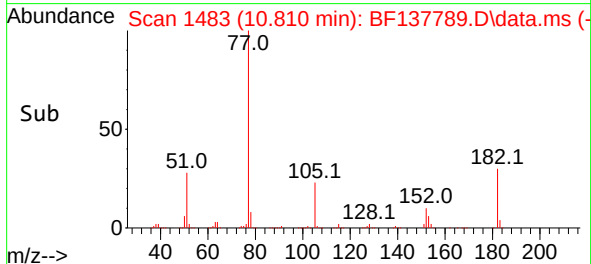
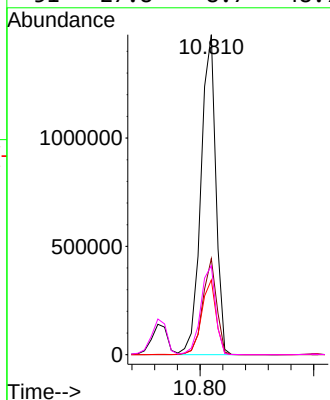
#63
Azobenzene
Concen: 45.700 ng
RT: 10.810 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 77 Resp: 1344599

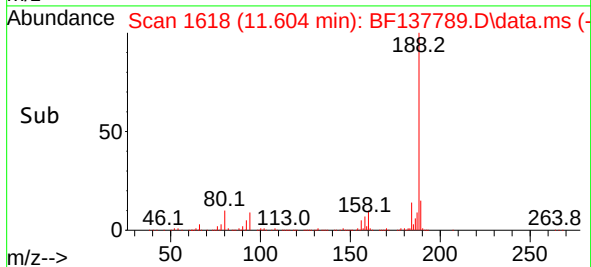
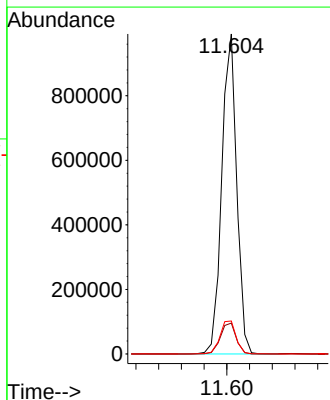
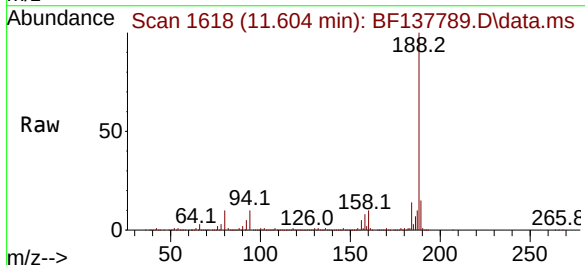
Ion	Ratio	Lower	Upper
77	100		
182	30.0	5.1	45.1
105	23.4	2.2	42.2
51	27.8	8.7	48.7

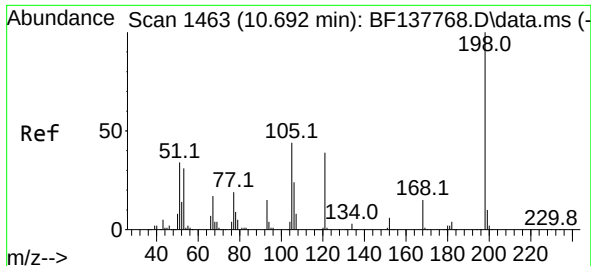


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion: 188 Resp: 905737

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.8	13.2
80	10.3	9.6	14.4

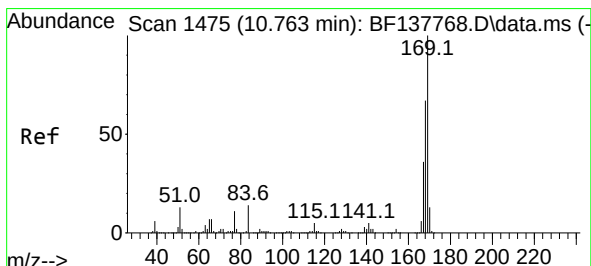
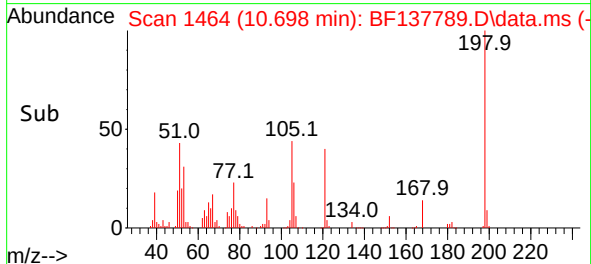
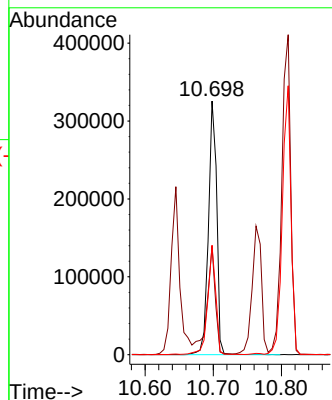
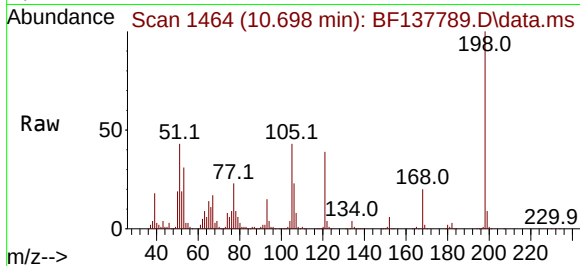




#65
4,6-Dinitro-2-methylphenol
Concen: 52.802 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

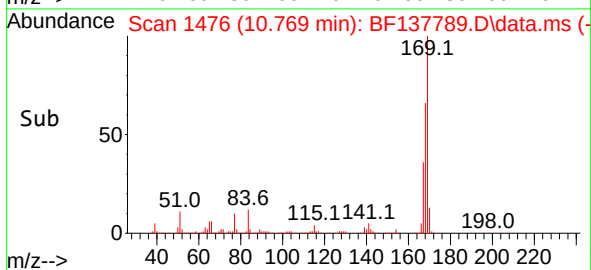
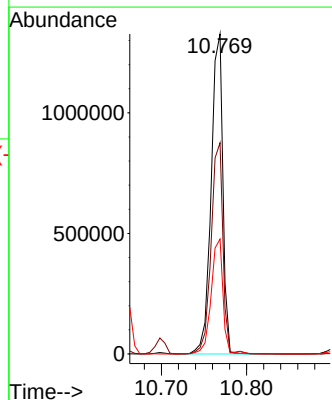
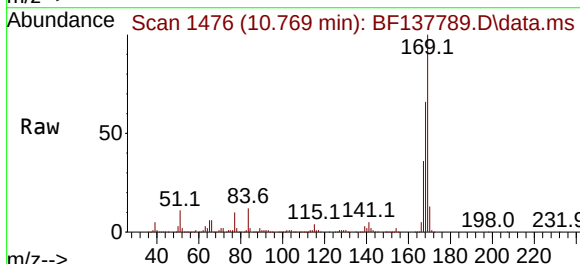
Instrument :
BNA_F
ClientSampleId :

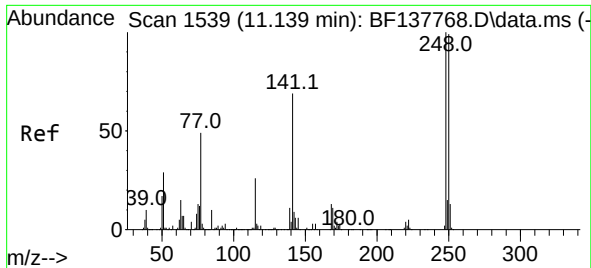
Tgt Ion:198 Resp: 274499
Ion Ratio Lower Upper
198 100
51 42.7 25.1 65.1
105 43.2 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 46.609 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:169 Resp: 1263664
Ion Ratio Lower Upper
169 100
168 66.0 53.3 79.9
167 35.9 29.2 43.8

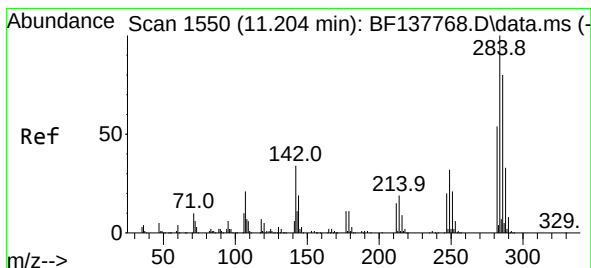
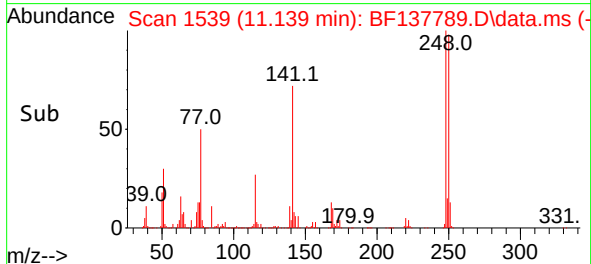
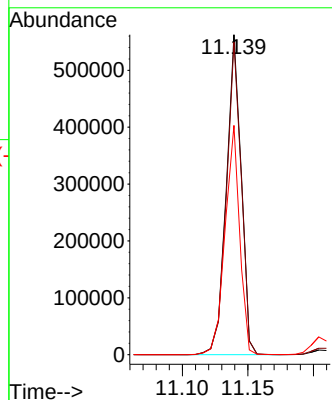
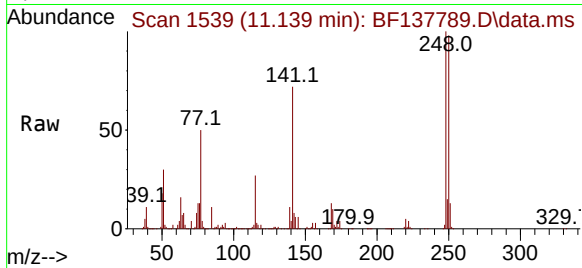




#67
4-Bromophenyl-phenylether
Concen: 45.771 ng
RT: 11.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

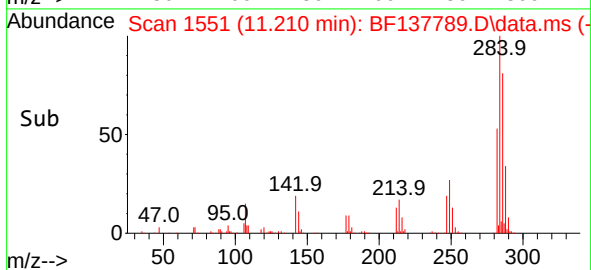
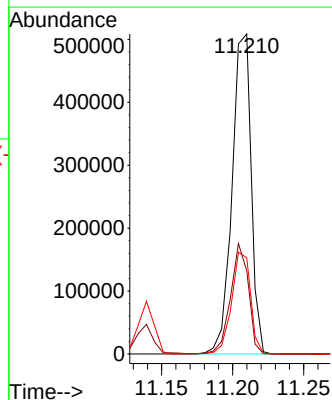
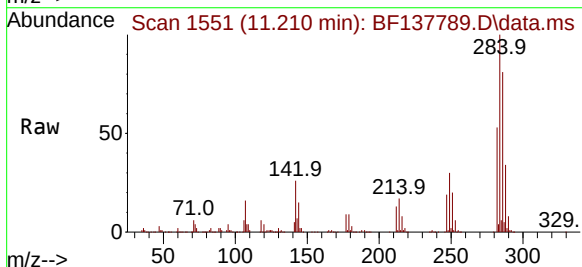
Instrument :
BNA_F
ClientSampleId :

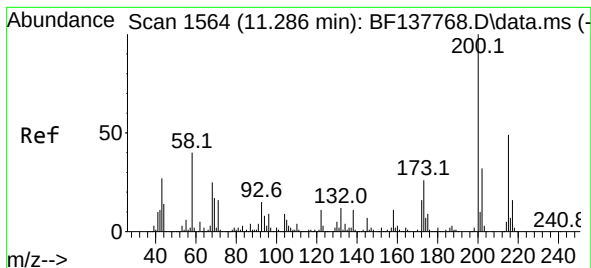
Tgt Ion:248 Resp: 443679
Ion Ratio Lower Upper
248 100
250 97.6 79.1 118.7
141 71.7 55.4 83.2



#68
Hexachlorobenzene
Concen: 45.125 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:284 Resp: 478009
Ion Ratio Lower Upper
284 100
142 26.0 27.3 40.9#
249 30.0 25.6 38.4





#69

Atrazine

Concen: 50.823 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

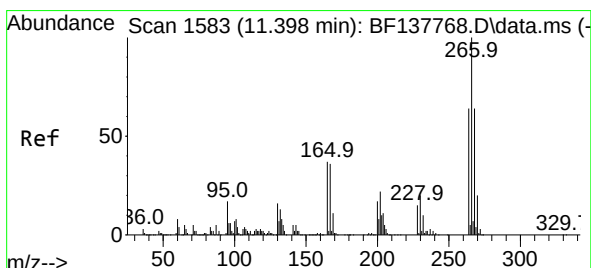
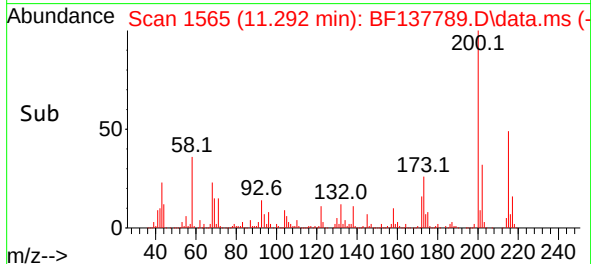
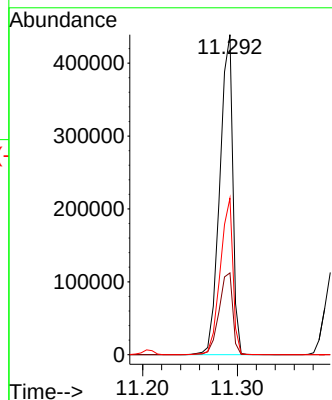
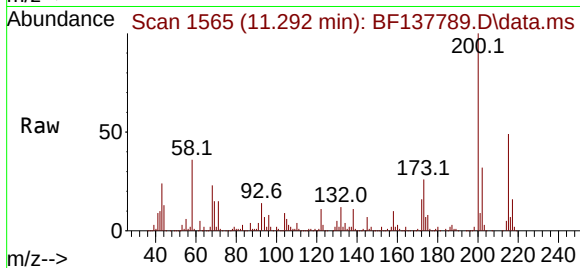
Tgt Ion:200 Resp: 420146

Ion Ratio Lower Upper

200 100

173 25.5 5.9 45.9

215 48.9 28.8 68.8



#70

Pentachlorophenol

Concen: 87.766 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

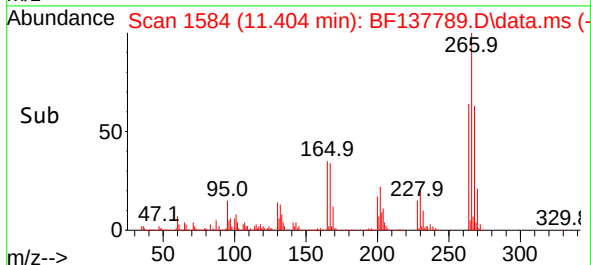
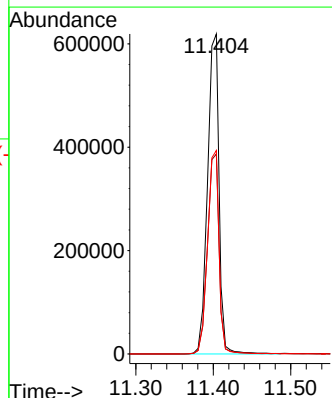
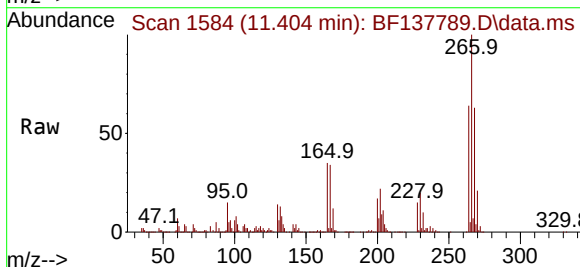
Tgt Ion:266 Resp: 638279

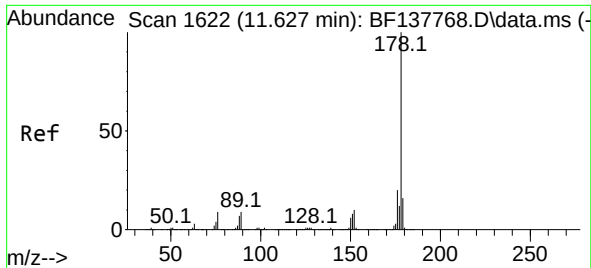
Ion Ratio Lower Upper

266 100

268 62.5 51.3 76.9

264 63.6 51.0 76.4

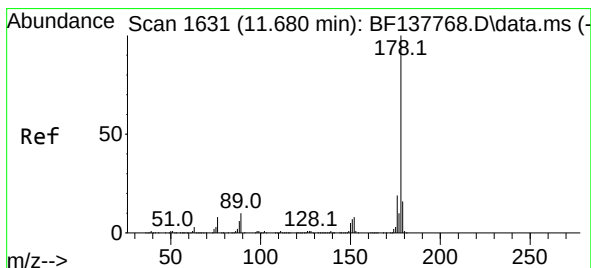
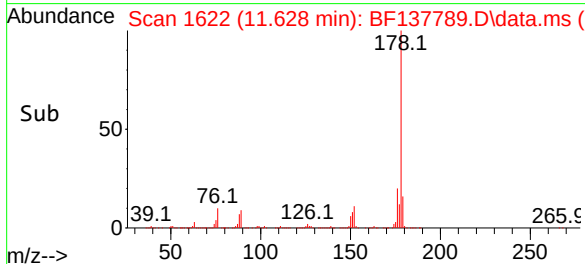
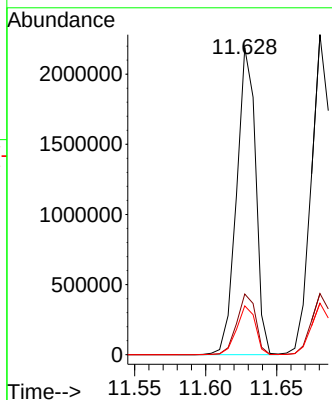
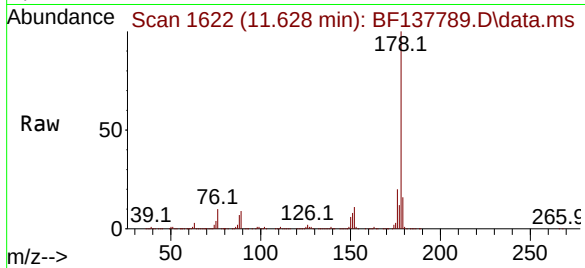




#71
Phenanthrene
Concen: 46.259 ng
RT: 11.628 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

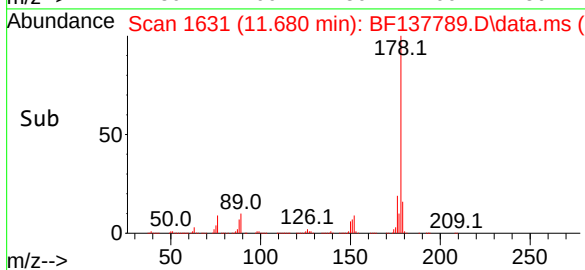
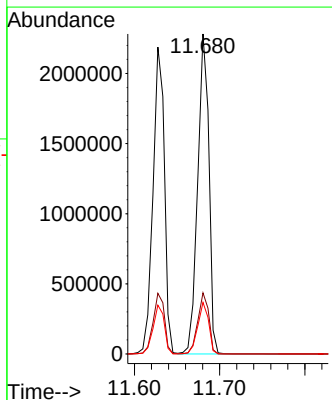
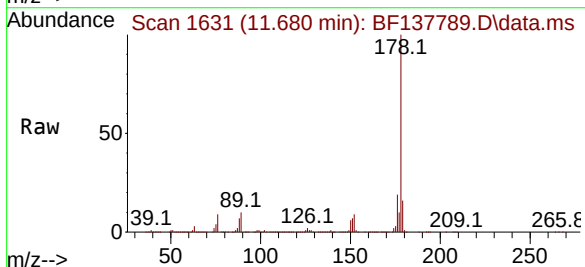
Instrument :
BNA_F
ClientSampleId :

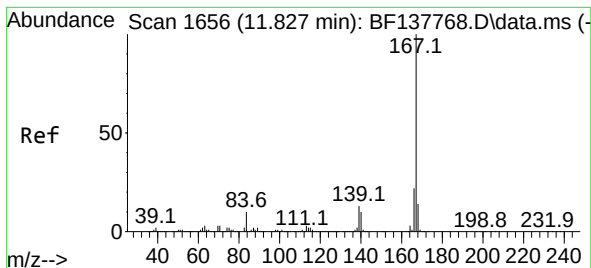
Tgt Ion:178 Resp: 2042210
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.9 12.5 18.7



#72
Anthracene
Concen: 47.498 ng
RT: 11.680 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:178 Resp: 2086406
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 16.1 12.6 18.8





#73

Carbazole

Concen: 45.322 ng

RT: 11.833 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

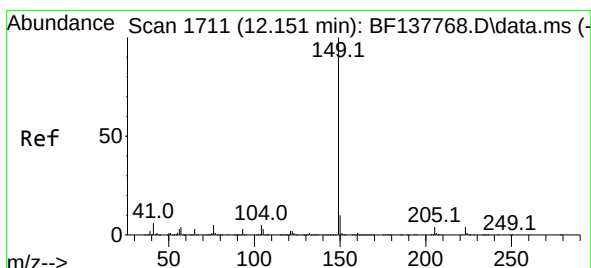
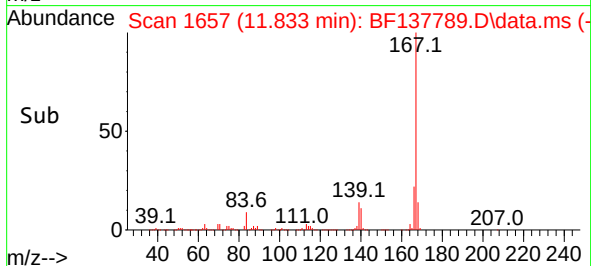
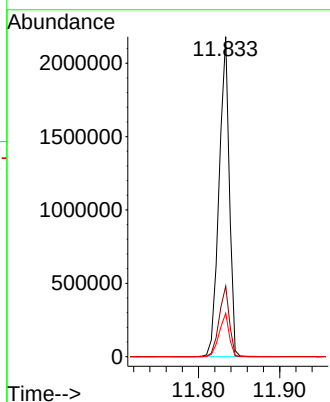
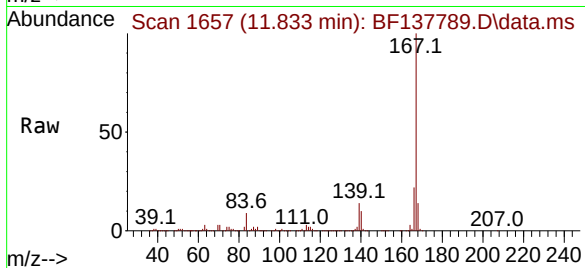
Tgt Ion:167 Resp: 1918663

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

139 13.6 10.5 15.7



#74

Di-n-butylphthalate

Concen: 46.031 ng

RT: 12.151 min Scan# 1711

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

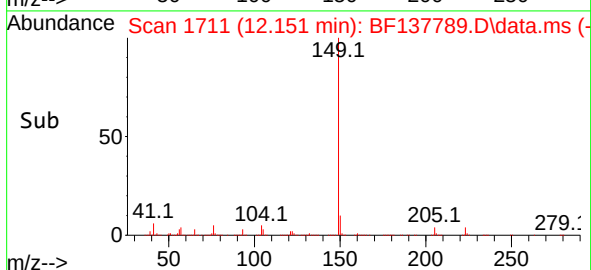
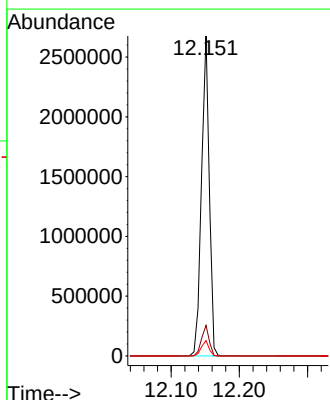
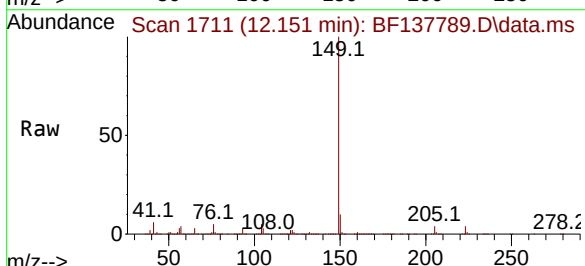
Tgt Ion:149 Resp: 2125661

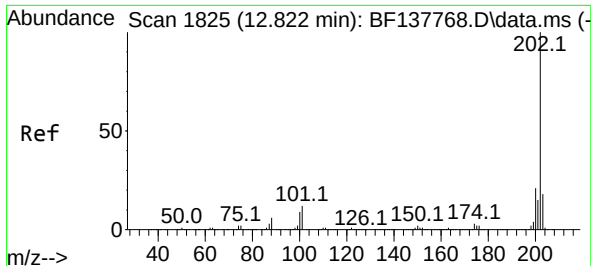
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 4.8 3.8 5.8

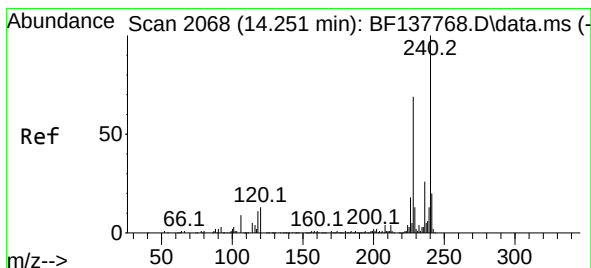
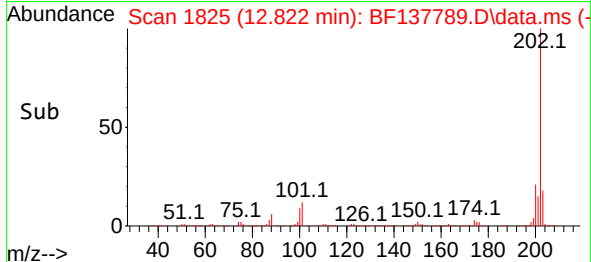
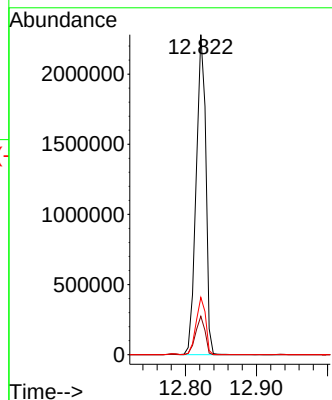
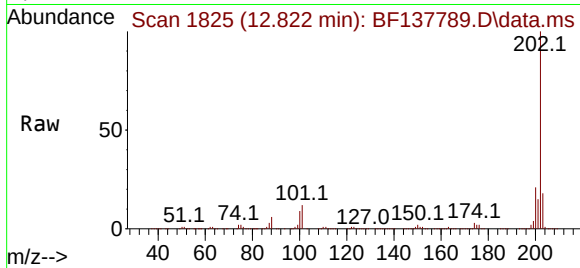




#75
Fluoranthene
Concen: 44.668 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

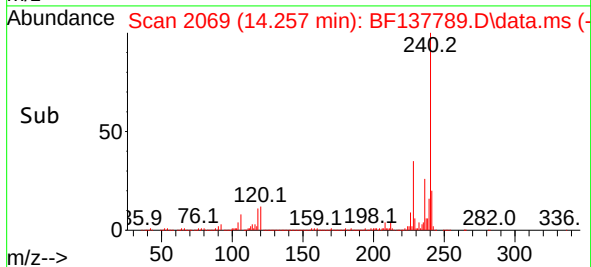
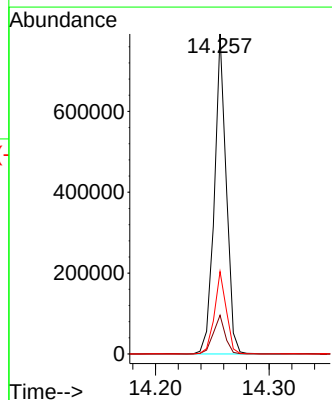
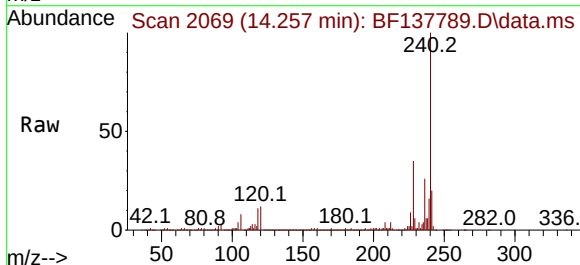
Instrument :
BNA_F
ClientSampleId :

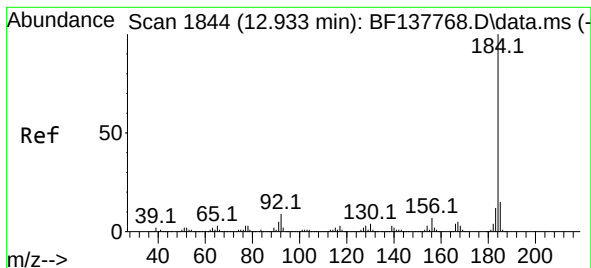
Tgt Ion:202 Resp: 2155580
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.8
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:240 Resp: 575011
Ion Ratio Lower Upper
240 100
120 12.1 10.4 15.6
236 25.8 20.4 30.6





#77

Benzidine

Concen: 31.099 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

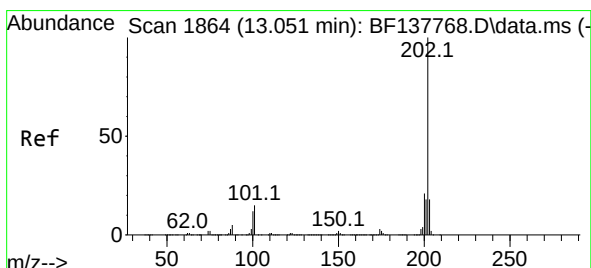
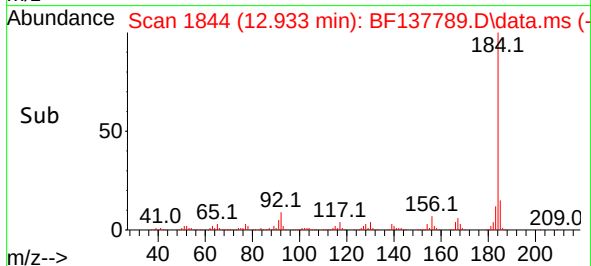
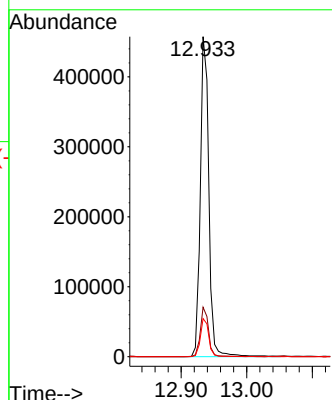
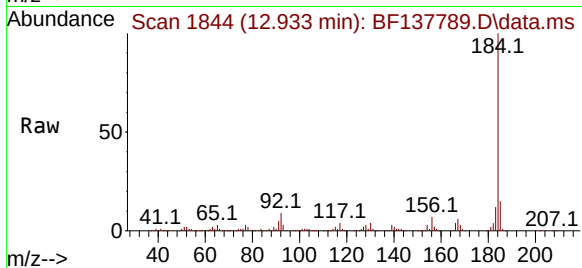
Tgt Ion:184 Resp: 413579

Ion Ratio Lower Upper

184 100

185 15.4 12.3 18.5

183 11.9 9.2 13.8



#78

Pyrene

Concen: 47.438 ng

RT: 13.057 min Scan# 1865

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

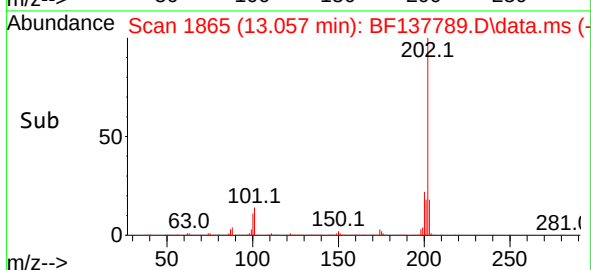
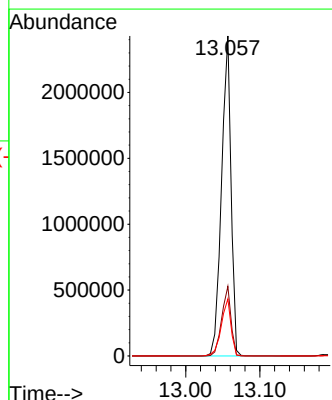
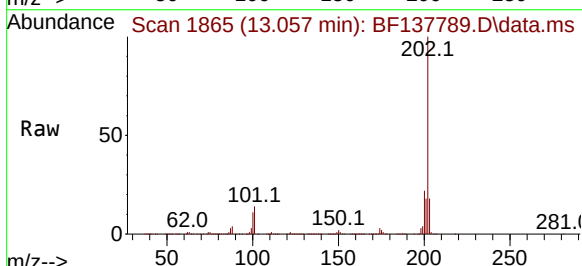
Tgt Ion:202 Resp: 2162767

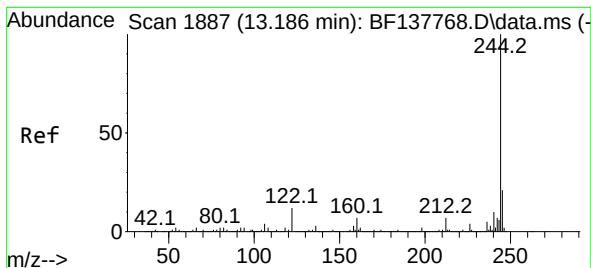
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 87.236 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

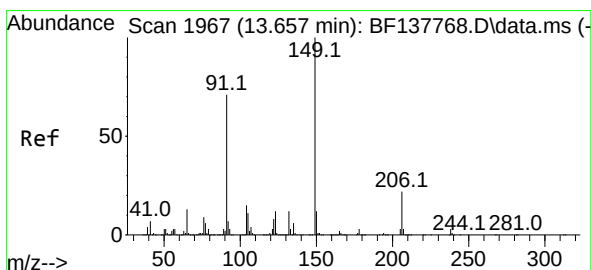
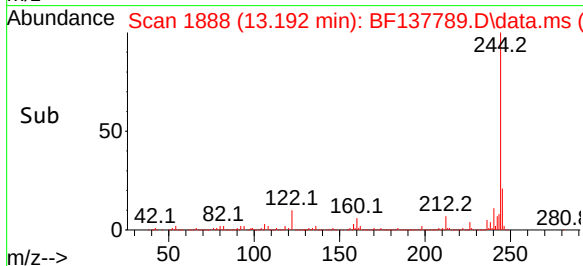
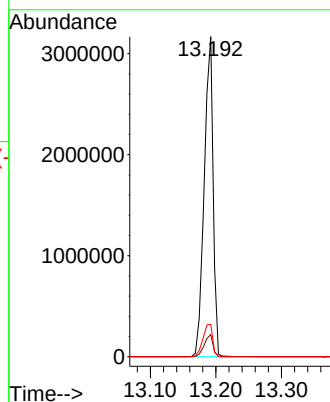
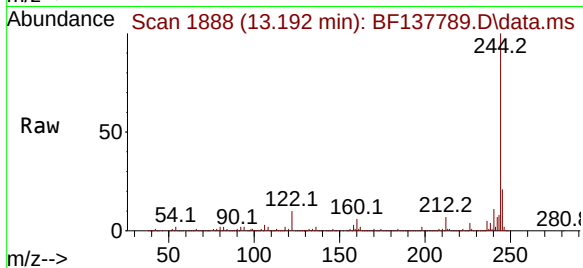
Tgt Ion:244 Resp: 2993171

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 10.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 55.602 ng

RT: 13.657 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

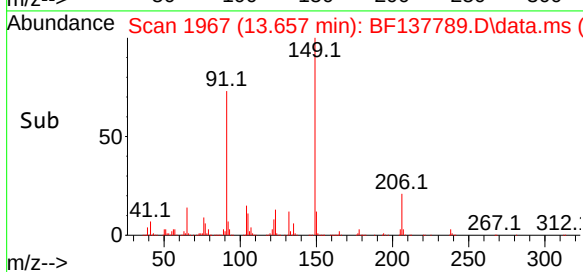
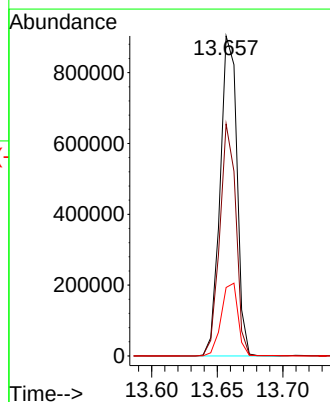
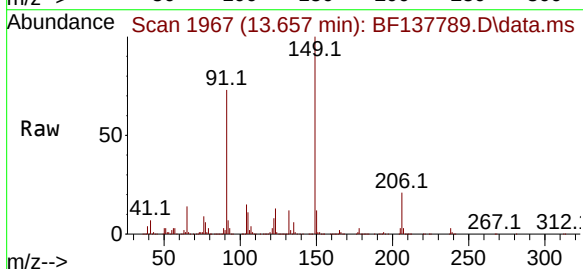
Tgt Ion:149 Resp: 804306

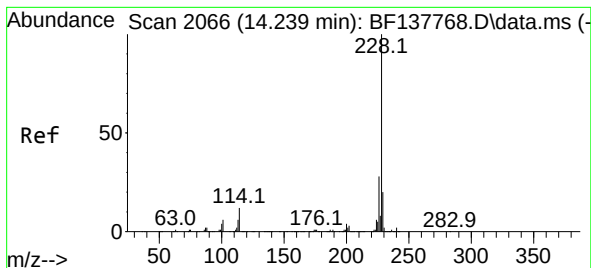
Ion Ratio Lower Upper

149 100

91 72.5 56.8 85.2

206 21.4 17.8 26.8





#81

Benzo(a)anthracene

Concen: 49.018 ng

RT: 14.245 min Scan# 2067

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

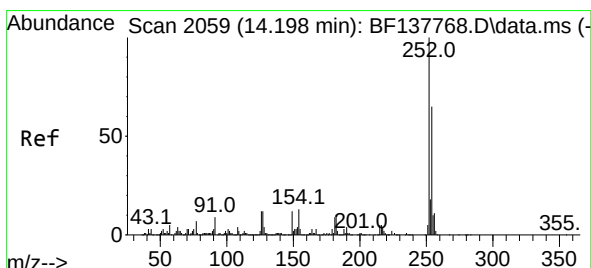
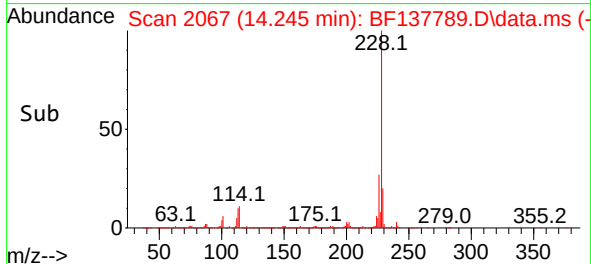
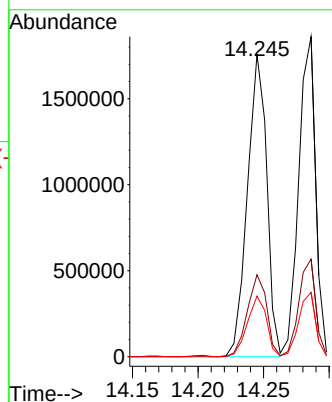
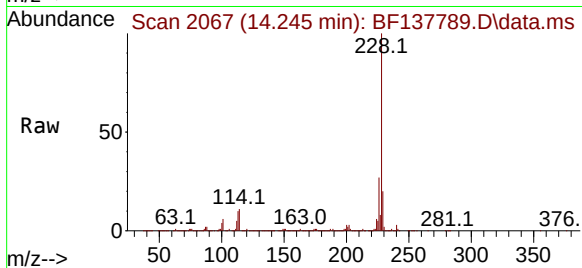
Tgt Ion:228 Resp: 1802747

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

229 20.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 31.836 ng

RT: 14.204 min Scan# 2060

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

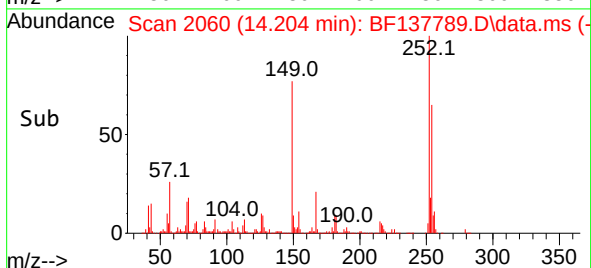
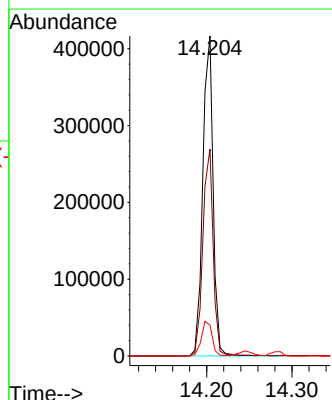
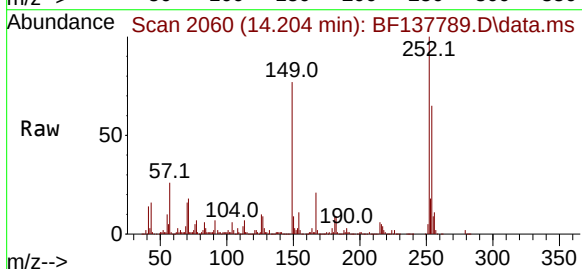
Tgt Ion:252 Resp: 350515

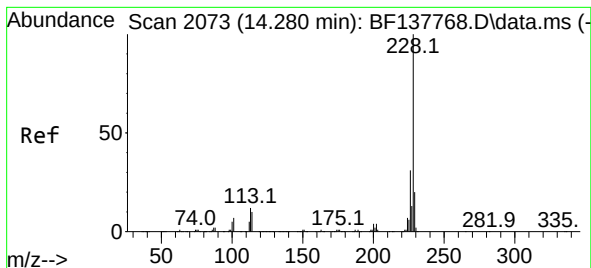
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 9.6 9.7 14.5#





#83

Chrysene

Concen: 48.430 ng

RT: 14.286 min Scan# 2073

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

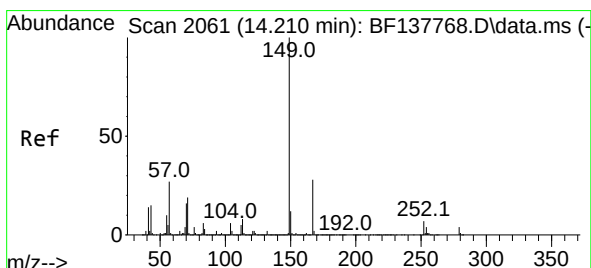
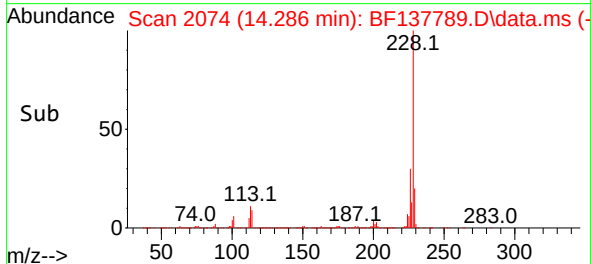
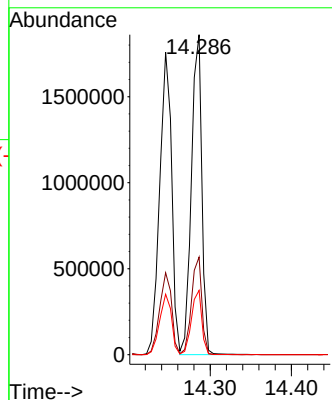
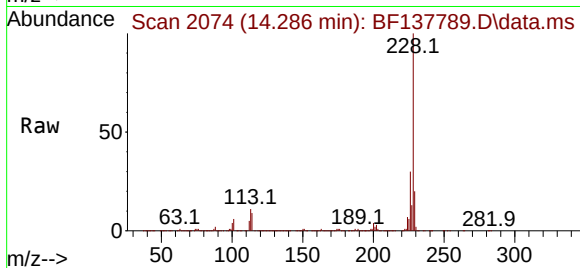
Tgt Ion:228 Resp: 1667718

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.680 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

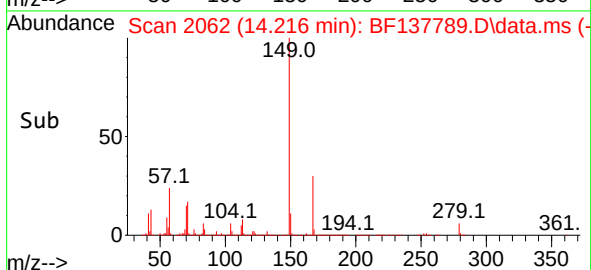
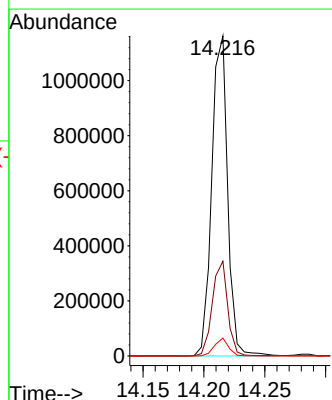
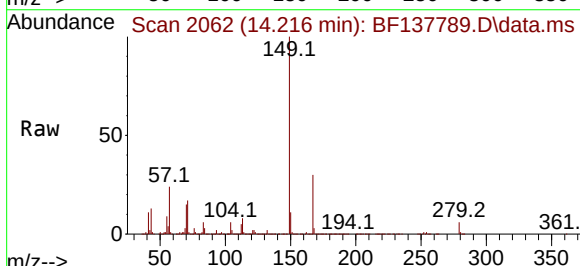
Tgt Ion:149 Resp: 1051541

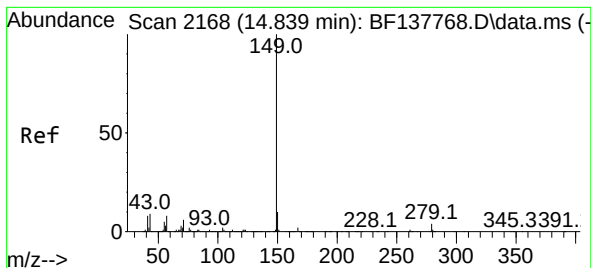
Ion Ratio Lower Upper

149 100

167 29.6 22.4 33.6

279 5.6 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 65.157 ng

RT: 14.845 min Scan# 2169

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

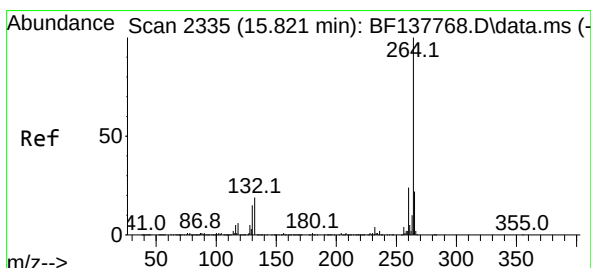
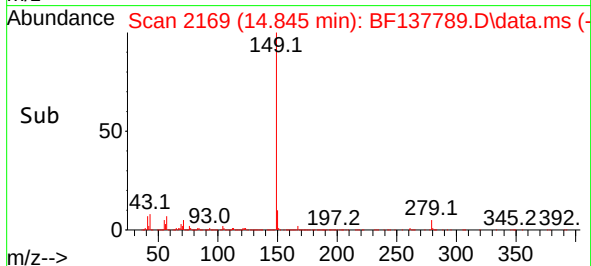
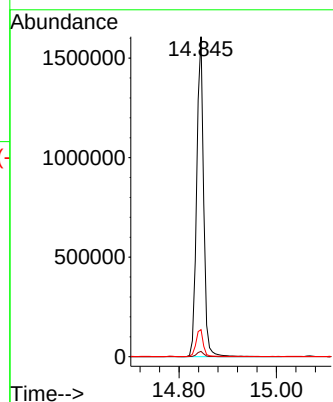
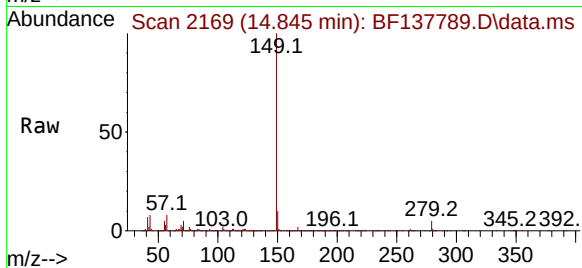
Tgt Ion:149 Resp: 1598616

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2336

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

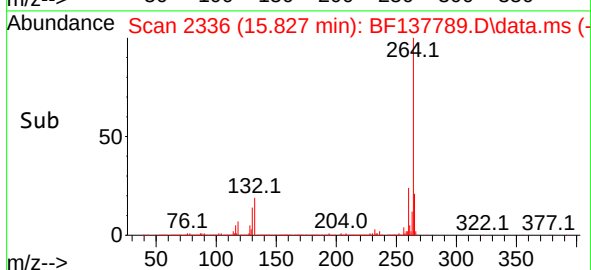
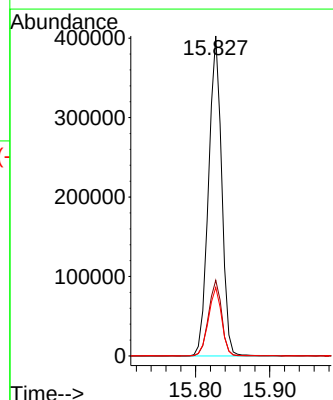
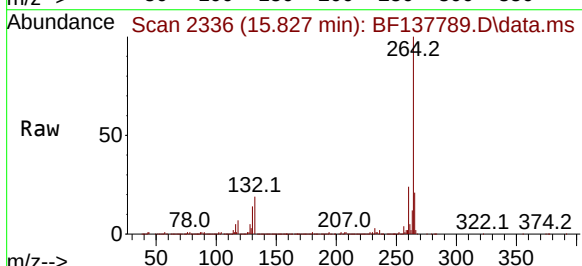
Tgt Ion:264 Resp: 495872

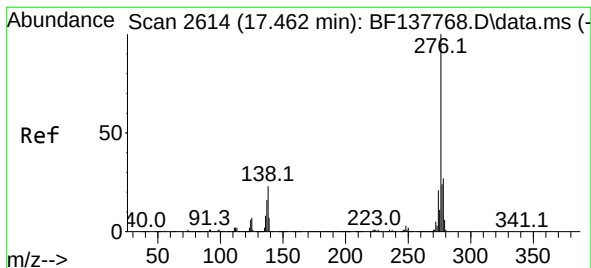
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.472 ng

RT: 17.474 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

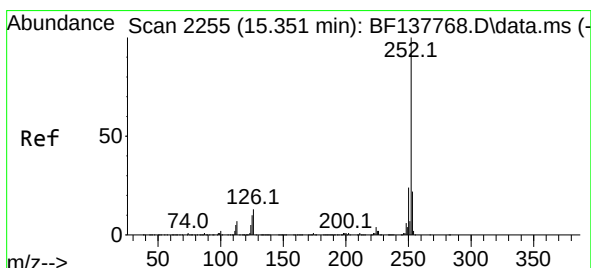
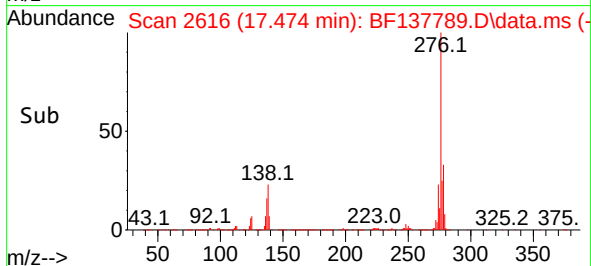
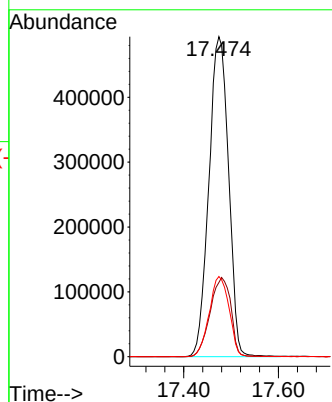
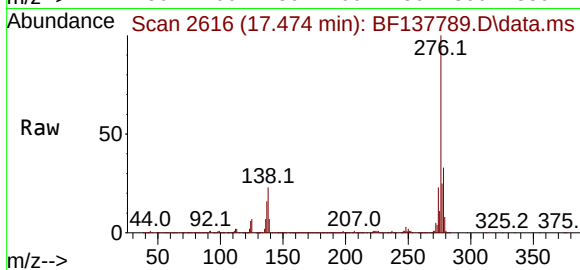
Tgt Ion:276 Resp: 1422911

Ion Ratio Lower Upper

276 100

138 26.1 21.4 32.0

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.679 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

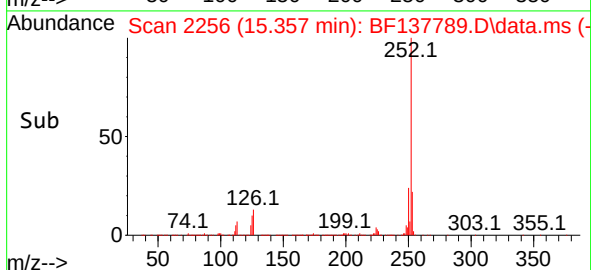
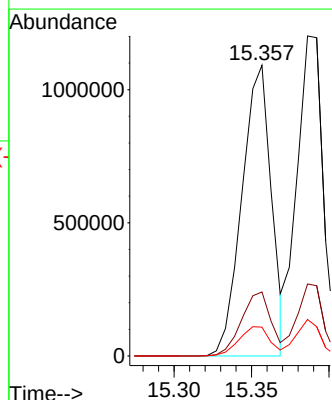
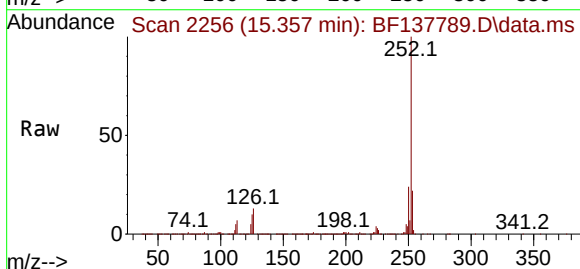
Tgt Ion:252 Resp: 1440145

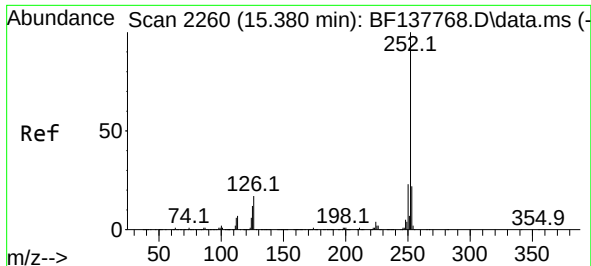
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.9 7.9 11.9

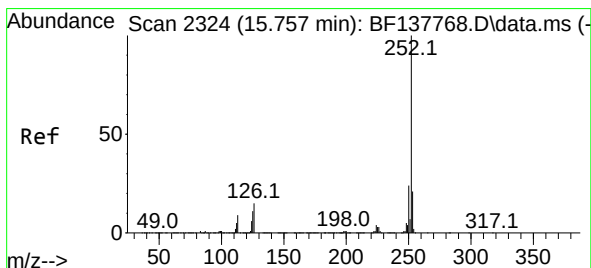
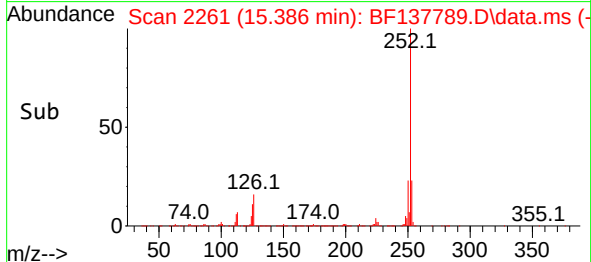
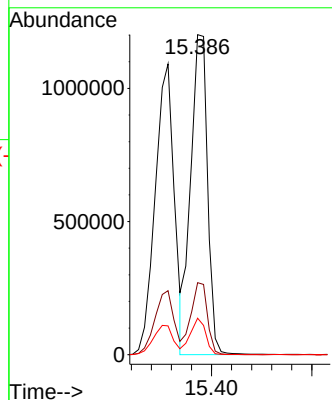
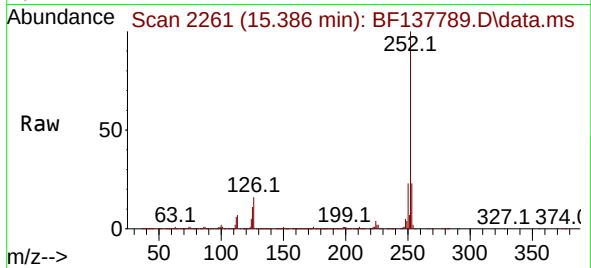




#89
Benzo(k)fluoranthene
Concen: 47.209 ng
RT: 15.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

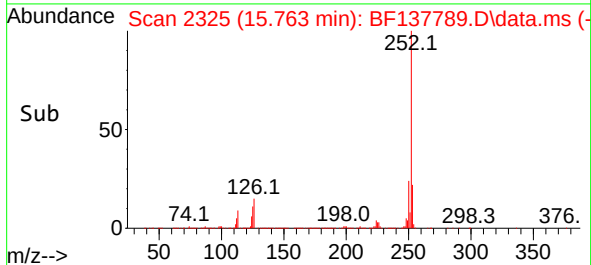
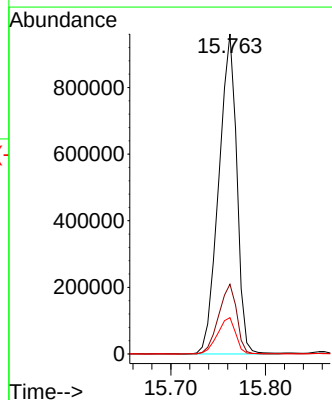
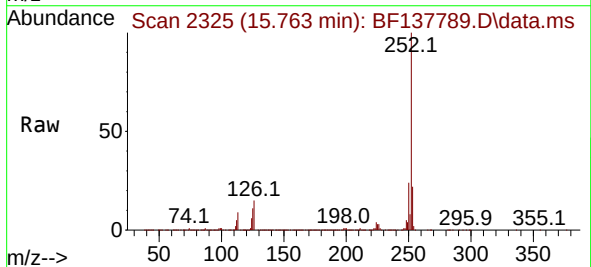
Instrument :
BNA_F
ClientSampleId :

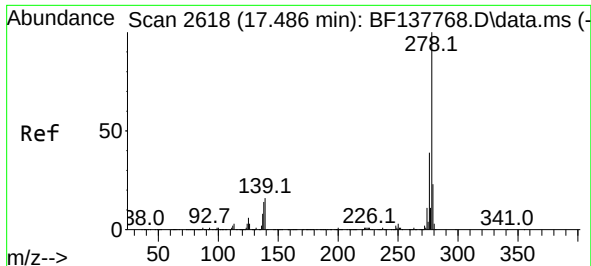
Tgt Ion:252 Resp: 1407753
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.4 9.0 13.4



#90
Benzo(a)pyrene
Concen: 50.563 ng
RT: 15.763 min Scan# 2325
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:252 Resp: 1272666
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 11.3 9.0 13.6

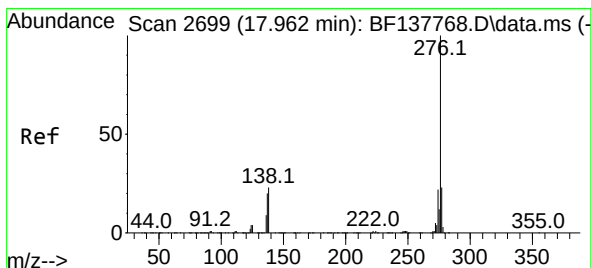
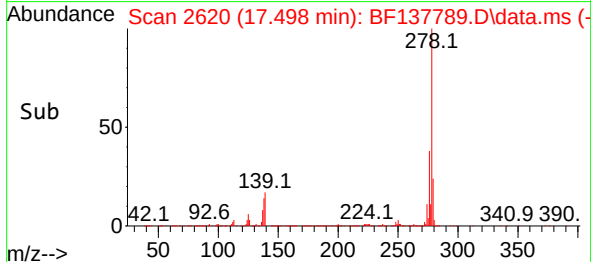
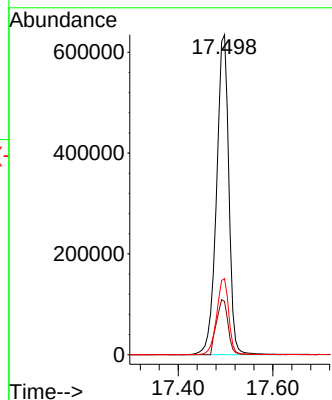
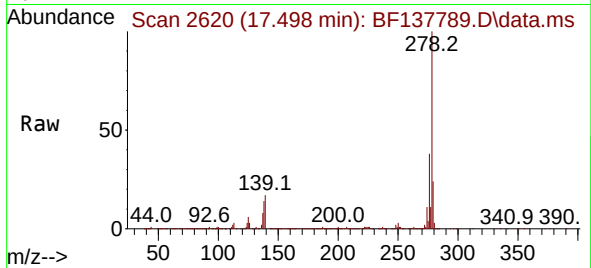




#91
Dibenzo(a,h)anthracene
Concen: 49.686 ng
RT: 17.498 min Scan# 2702
Delta R.T. 0.012 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 1140171
Ion Ratio Lower Upper
278 100
139 16.6 13.0 19.6
279 23.8 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 45.693 ng
RT: 17.980 min Scan# 2702
Delta R.T. 0.018 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:276 Resp: 1099184
Ion Ratio Lower Upper
276 100
277 23.1 18.0 27.0
138 22.6 18.1 27.1

