

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137741.D
 Acq On : 26 Apr 2024 18:25
 Operator : CG\JU
 Sample : P2271-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MSD

Quant Time: Apr 26 19:05:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	266504	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1059942	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	582399	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	972666	20.000	ng	0.00
76) Chrysene-d12	14.251	240	476679	20.000	ng	0.00
86) Perylene-d12	15.827	264	540439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1803373	102.790	ng	0.01
7) Phenol-d6	6.675	99	2299621	103.218	ng	0.00
23) Nitrobenzene-d5	7.628	82	1414848	70.857	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	665926	113.314	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2617511	67.155	ng	0.00
79) Terphenyl-d14	13.186	244	2593618	87.576	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	270841	34.476	ng	98
3) Pyridine	3.810	79	692810	33.105	ng	97
4) n-Nitrosodimethylamine	3.757	42	392362	40.173	ng	# 97
6) Aniline	6.722	93	774766	27.940	ng	98
8) 2-Chlorophenol	6.845	128	815340	44.520	ng	99
9) Benzaldehyde	6.616	77	606021	48.469	ng	96
10) Phenol	6.692	94	972881	43.711	ng	99
11) bis(2-Chloroethyl)ether	6.792	93	755215	41.600	ng	100
12) 1,3-Dichlorobenzene	7.004	146	839710	43.722	ng	98
13) 1,4-Dichlorobenzene	7.081	146	854070	44.170	ng	98
14) 1,2-Dichlorobenzene	7.234	146	816140	45.345	ng	100
15) Benzyl Alcohol	7.198	79	681202	40.872	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	1111098	39.797	ng	98
17) 2-Methylphenol	7.298	107	644996	39.640	ng	100
18) Hexachloroethane	7.575	117	299391	43.749	ng	97
19) n-Nitroso-di-n-propyla...	7.469	70	552629	38.359	ng	99
20) 3+4-Methylphenols	7.451	107	838850	39.916	ng	95
22) Acetophenone	7.469	105	1095012	42.238	ng	99
24) Nitrobenzene	7.645	77	832900	41.287	ng	98
25) Isophorone	7.881	82	1513413	40.810	ng	99
26) 2-Nitrophenol	7.957	139	429887	48.559	ng	94
27) 2,4-Dimethylphenol	7.981	122	617094	34.551	ng	98
28) bis(2-Chloroethoxy)met...	8.087	93	910824	40.211	ng	99
29) 2,4-Dichlorophenol	8.192	162	685828	43.814	ng	98
30) 1,2,4-Trichlorobenzene	8.287	180	699755	43.859	ng	97
31) Naphthalene	8.369	128	2299667	42.517	ng	100
32) Benzoic acid	8.098	122	529513	46.823	ng	97
33) 4-Chloroaniline	8.410	127	287185	12.544	ng	97
34) Hexachlorobutadiene	8.481	225	409560	42.819	ng	98
35) Caprolactam	8.781	113	143704	28.396	ng	96
36) 4-Chloro-3-methylphenol	8.881	107	714262	43.023	ng	99
37) 2-Methylnaphthalene	9.063	142	1512238	40.735	ng	100
38) 1-Methylnaphthalene	9.163	142	1397348	40.258	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	701688	43.947	ng	99
41) Hexachlorocyclopentadiene	9.210	237	802259	89.675	ng	98
43) 2,4,6-Trichlorophenol	9.334	196	503685	44.968	ng	99

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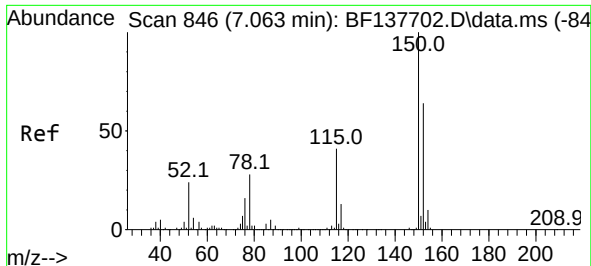
Quant Time: Apr 26 19:05:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	525393	40.928	ng	98
46) 1,1'-Biphenyl	9.528	154	1814149	42.819	ng	98
47) 2-Chloronaphthalene	9.551	162	1433516	43.892	ng	100
48) 2-Nitroaniline	9.645	65	436861	43.896	ng	92
49) Acenaphthylene	9.975	152	2257031	44.314	ng	100
50) Dimethylphthalate	9.822	163	1705757	42.037	ng	100
51) 2,6-Dinitrotoluene	9.886	165	389086	45.510	ng	85
52) Acenaphthene	10.145	154	1498265	45.430	ng	99
53) 3-Nitroaniline	10.057	138	247290	25.739	ng	99
54) 2,4-Dinitrophenol	10.157	184	400564	87.611	ng	# 50
55) Dibenzofuran	10.316	168	2051287	42.432	ng	98
56) 4-Nitrophenol	10.210	139	562343	75.263	ng	96
57) 2,4-Dinitrotoluene	10.292	165	520398	48.282	ng	94
58) Fluorene	10.663	166	1606697	42.535	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	440679	44.334	ng	97
60) Diethylphthalate	10.522	149	1621338	41.543	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	791488	42.406	ng	92
62) 4-Nitroaniline	10.680	138	381096	41.644	ng	97
63) Azobenzene	10.810	77	1617434	40.443	ng	95
65) 4,6-Dinitro-2-methylph...	10.698	198	281390	50.456	ng	86
66) n-Nitrosodiphenylamine	10.769	169	1417601	43.032	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	493040	43.745	ng	98
68) Hexachlorobenzene	11.210	284	519276	47.293	ng	# 92
69) Atrazine	11.292	200	470024	51.614	ng	99
70) Pentachlorophenol	11.398	266	660010	79.908	ng	99
71) Phenanthrene	11.633	178	2367196	45.975	ng	99
72) Anthracene	11.680	178	2269194	43.039	ng	99
73) Carbazole	11.833	167	2002304	41.905	ng	100
74) Di-n-butylphthalate	12.151	149	2416897	41.494	ng	100
75) Fluoranthene	12.822	202	2405537	44.448	ng	99
77) Benzidine	12.939	184	818656	73.530	ng	98
78) Pyrene	13.057	202	2277099	58.200	ng	99
80) Butylbenzylphthalate	13.657	149	777305	56.023	ng	97
81) Benzo(a)anthracene	14.245	228	1552325	46.690	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	332596	32.332	ng	97
83) Chrysene	14.280	228	1425458	45.886	ng	99
84) Bis(2-ethylhexyl)phtha...	14.216	149	1097488	52.377	ng	100
85) Di-n-octyl phthalate	14.845	149	1561658	49.616	ng	99
87) Indeno(1,2,3-cd)pyrene	17.468	276	1671350	55.775	ng	99
88) Benzo(b)fluoranthene	15.351	252	1507412	43.588	ng	99
89) Benzo(k)fluoranthene	15.386	252	1376372	40.488	ng	98
90) Benzo(a)pyrene	15.757	252	1388958	44.771	ng	100
91) Dibenzo(a,h)anthracene	17.492	278	1349025	54.249	ng	99
92) Benzo(g,h,i)perylene	17.974	276	1225993	50.701	ng	97

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

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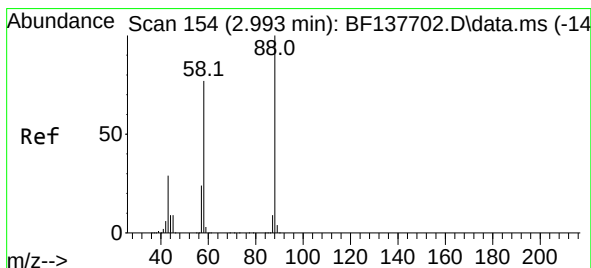
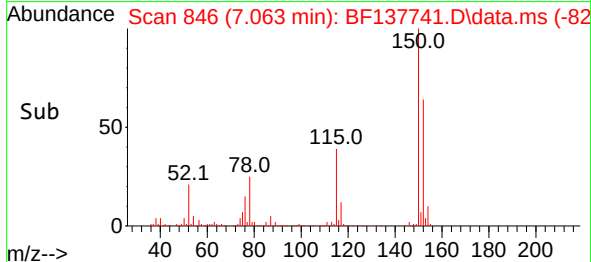
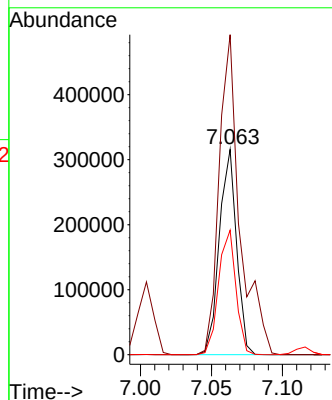
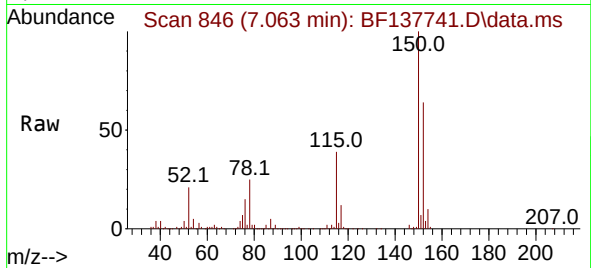




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.063 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BF137741.D
 Acq: 26 Apr 2024 18:25

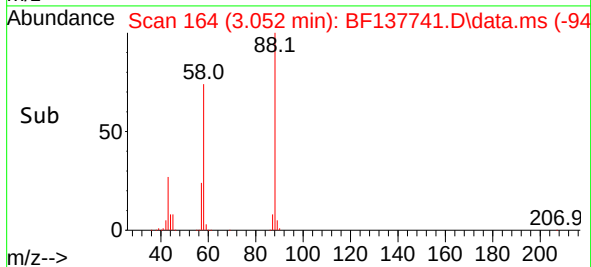
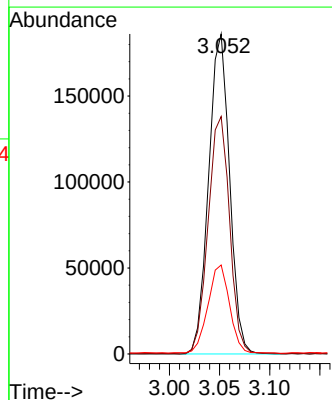
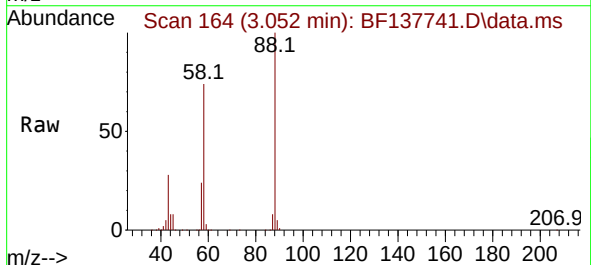
Instrument :
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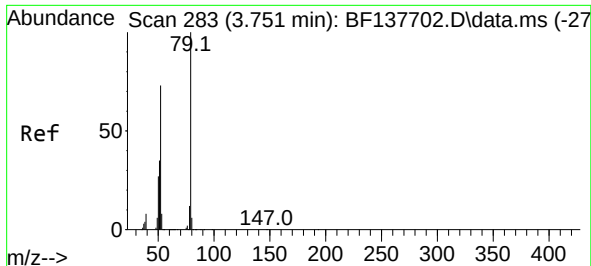
Tgt Ion:152 Resp: 266504
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.2 186.4
 115 60.6 50.8 76.2



#2
 1,4-Dioxane
 Concen: 34.476 ng
 RT: 3.052 min Scan# 164
 Delta R.T. 0.059 min
 Lab File: BF137741.D
 Acq: 26 Apr 2024 18:25

Tgt Ion: 88 Resp: 270841
 Ion Ratio Lower Upper
 88 100
 58 76.2 62.4 93.6
 43 28.6 23.7 35.5

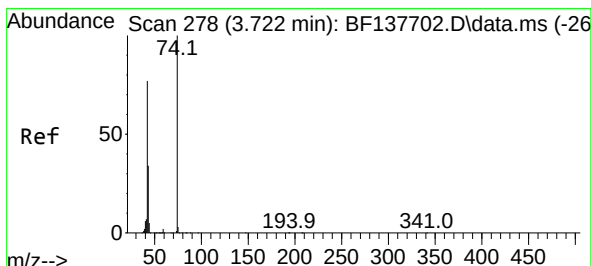
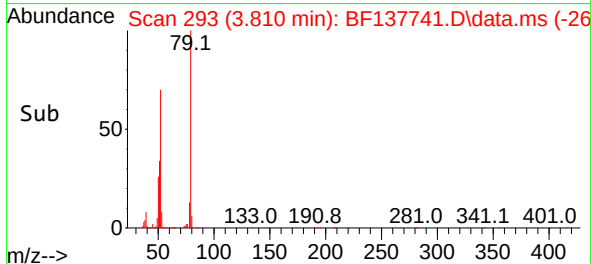
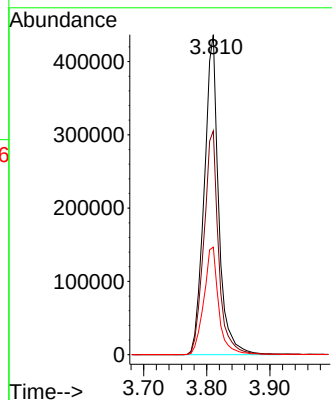
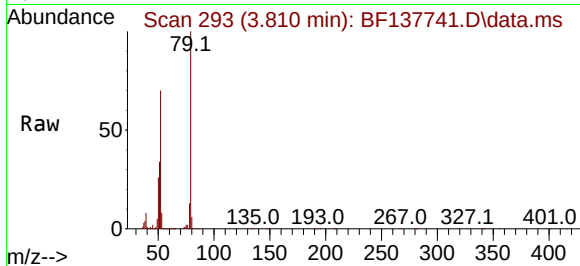




#3
Pyridine
Concen: 33.105 ng
RT: 3.810 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

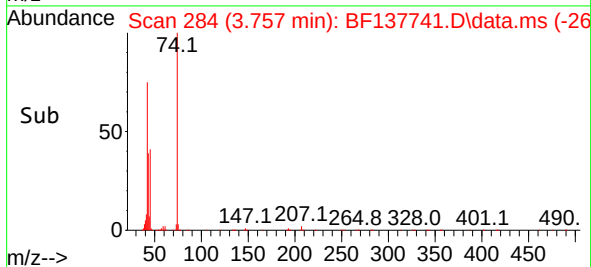
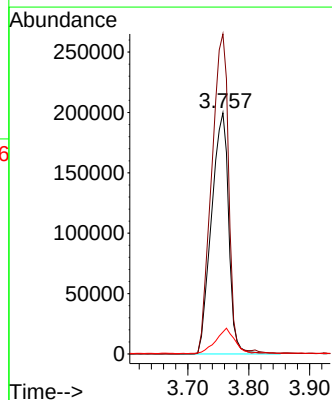
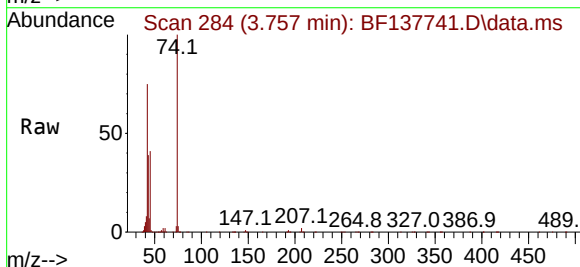
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BNA_F
ClientSampleId :
RT-3860MSD

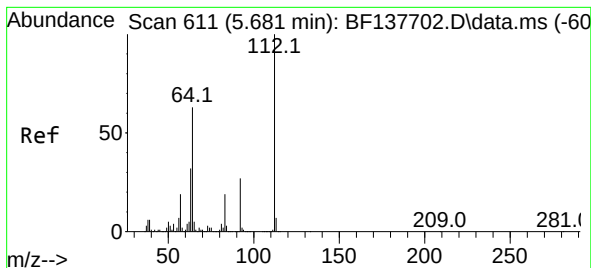
Tgt Ion: 79 Resp: 692810
Ion Ratio Lower Upper
79 100
52 70.0 58.0 87.0
51 33.6 27.9 41.9



#4
n-Nitrosodimethylamine
Concen: 40.173 ng
RT: 3.757 min Scan# 284
Delta R.T. 0.035 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion: 42 Resp: 392362
Ion Ratio Lower Upper
42 100
74 132.7 103.4 155.2
44 9.1 5.5 8.3





#5

2-Fluorophenol

Concen: 102.790 ng

RT: 5.693 min Scan# 611

Delta R.T. 0.012 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

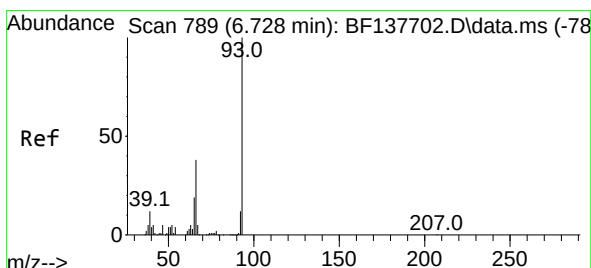
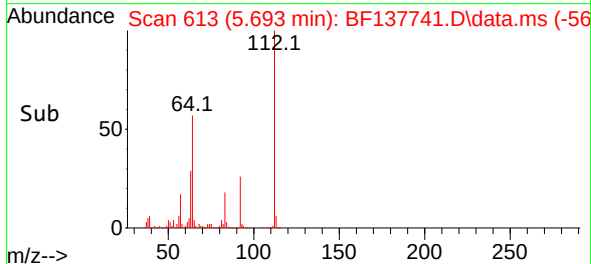
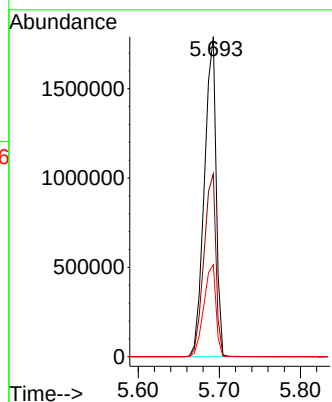
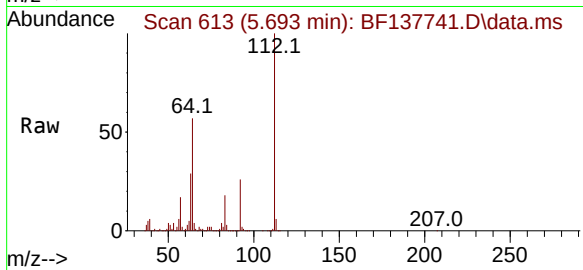
Tgt Ion:112 Resp: 1803373

Ion Ratio Lower Upper

112 100

64 57.2 50.1 75.1

63 28.7 25.2 37.8



#6

Aniline

Concen: 27.940 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

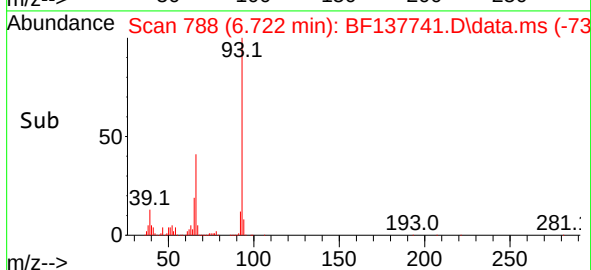
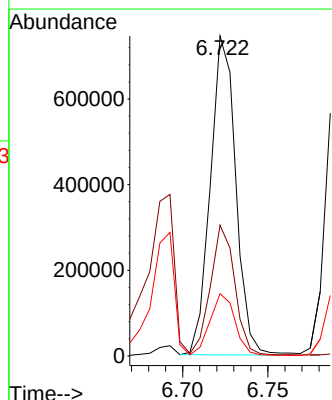
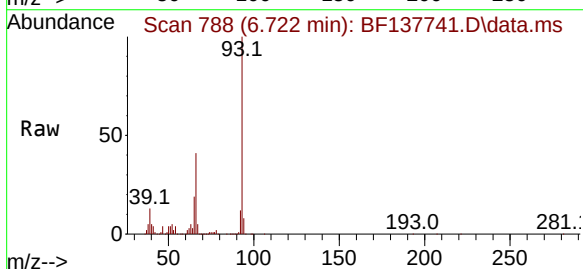
Tgt Ion: 93 Resp: 774766

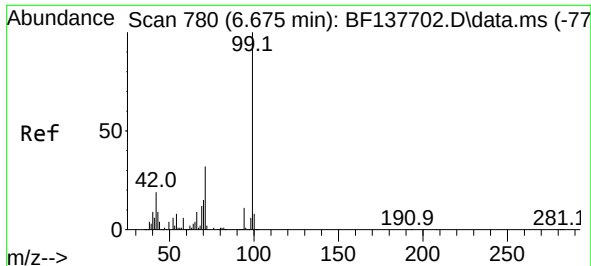
Ion Ratio Lower Upper

93 100

66 40.8 32.1 48.1

65 19.5 16.4 24.6



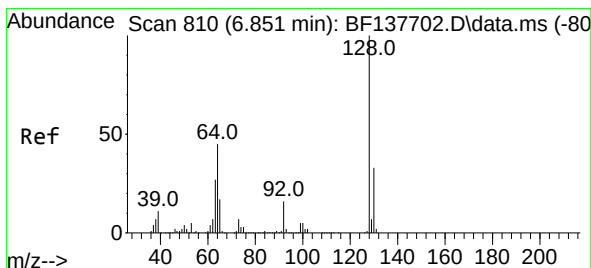
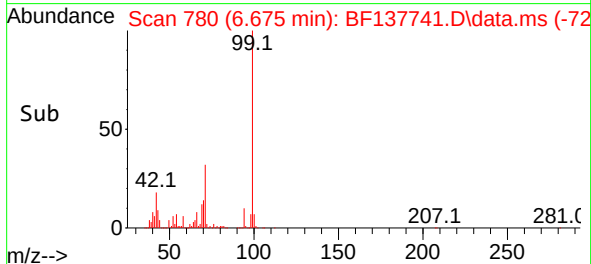
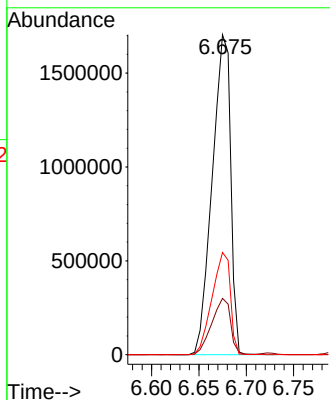
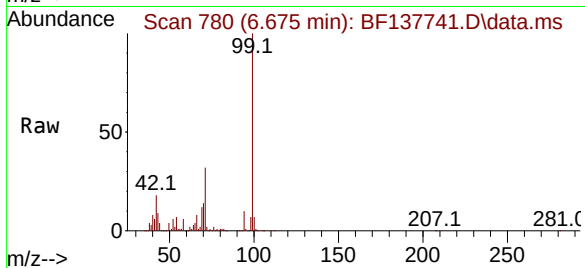


#7
Phenol-d6
Concen: 103.218 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Tgt Ion: 99 Resp: 2299621

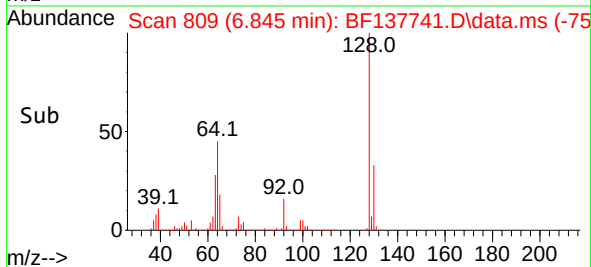
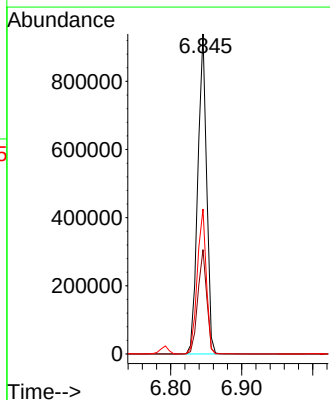
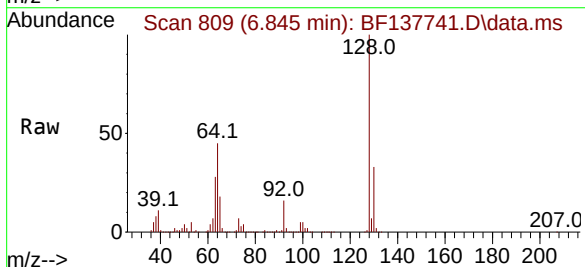
Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	31.9	25.7	38.5

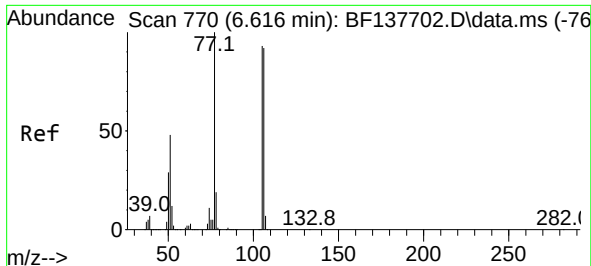


#8
2-Chlorophenol
Concen: 44.520 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:128 Resp: 815340

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.2	53.2
64	45.3	24.7	64.7

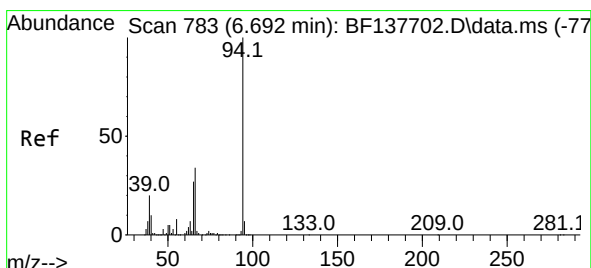
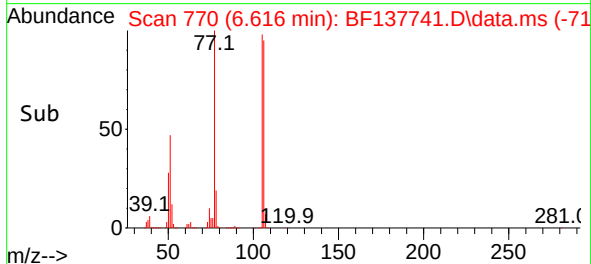
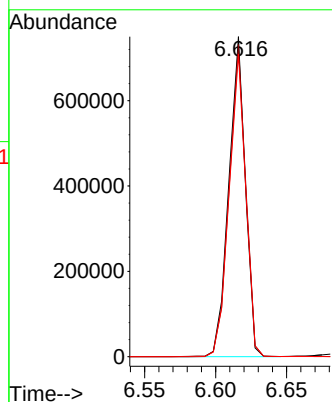
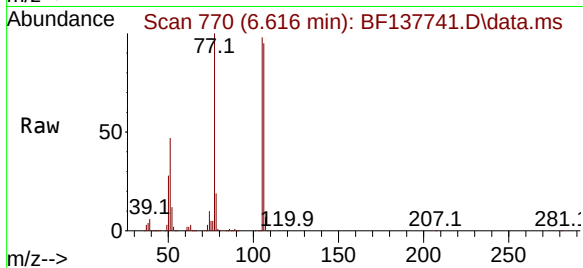




#9
Benzaldehyde
Concen: 48.469 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

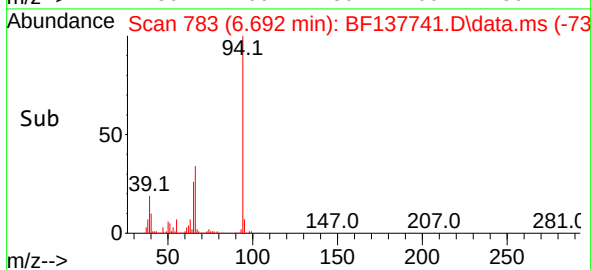
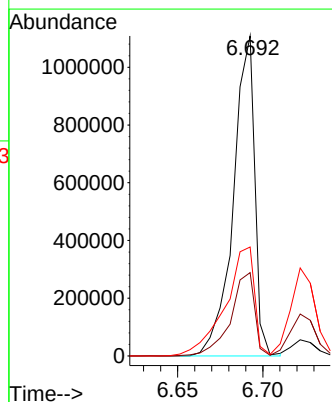
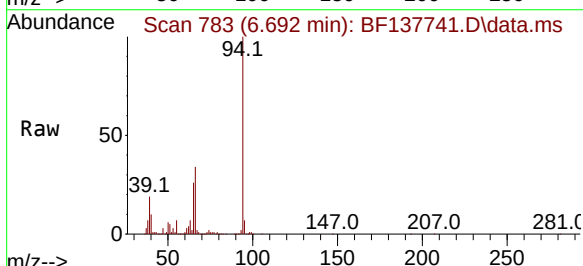
Instrument :
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ClientSampleId :
RT-3860MSD

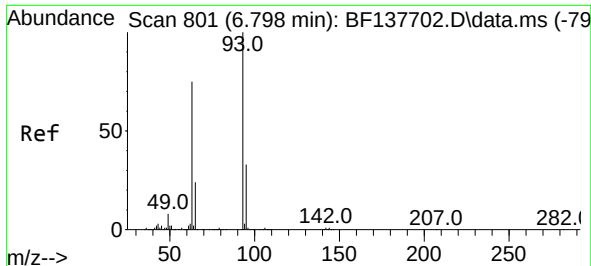
Tgt Ion: 77 Resp: 606021
Ion Ratio Lower Upper
77 100
105 97.5 73.3 113.3
106 94.6 72.1 112.1



#10
Phenol
Concen: 43.711 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion: 94 Resp: 972881
Ion Ratio Lower Upper
94 100
65 26.1 6.5 46.5
66 34.0 13.9 53.9

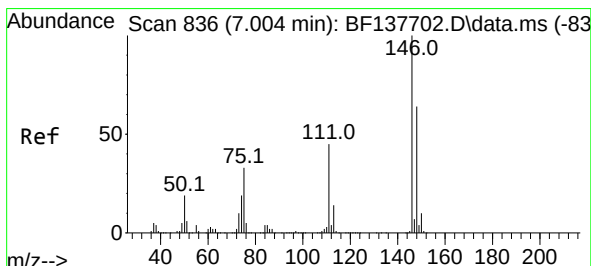
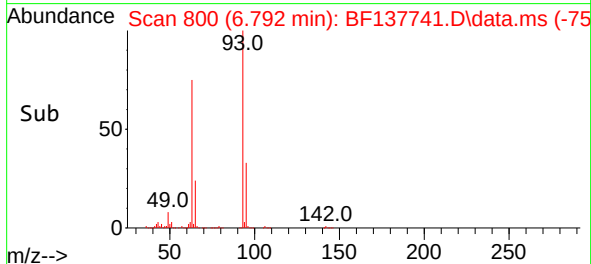
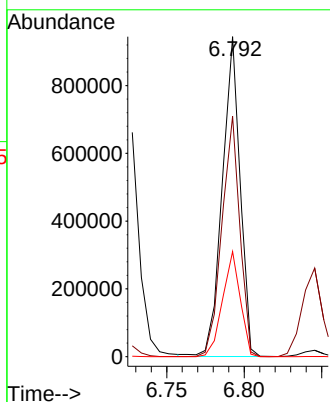
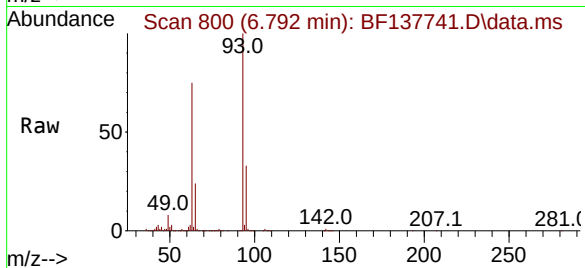




#11
bis(2-Chloroethyl)ether
Concen: 41.600 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

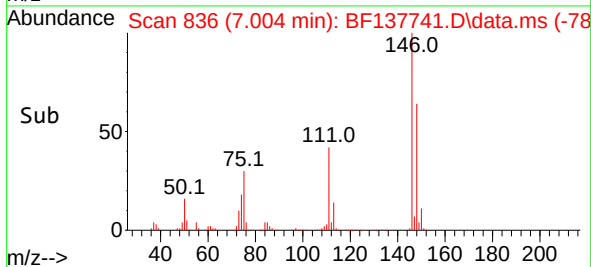
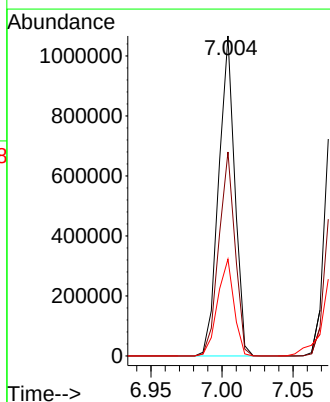
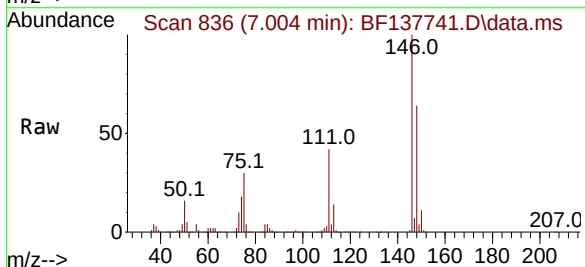
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

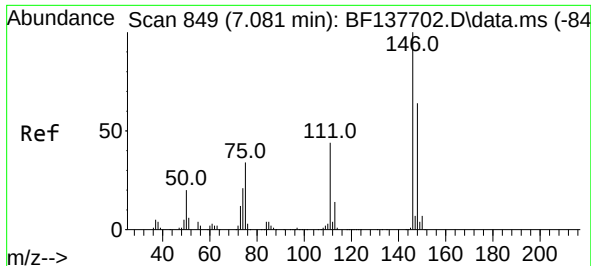
Tgt Ion: 93 Resp: 755215
Ion Ratio Lower Upper
93 100
63 75.1 54.8 94.8
95 32.9 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 43.722 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:146 Resp: 839710
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
75 30.3 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 44.170 ng

RT: 7.081 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

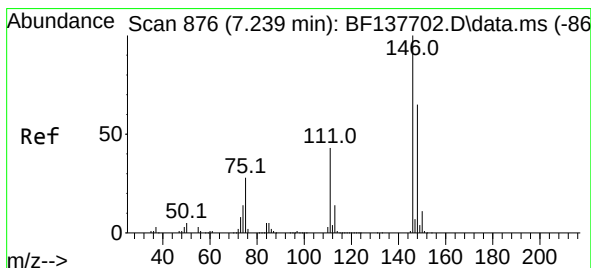
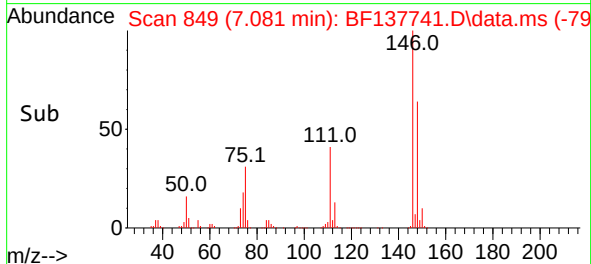
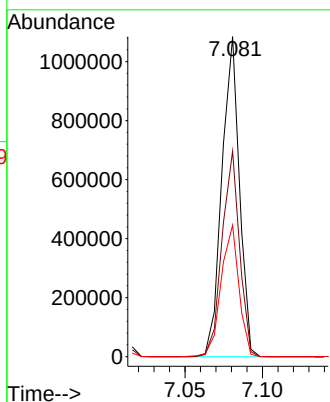
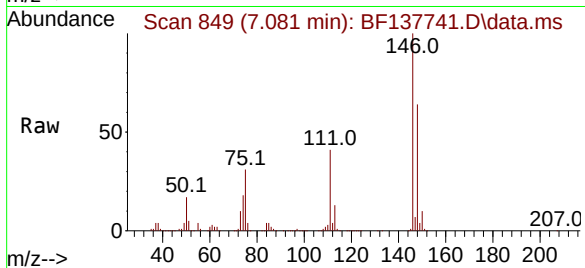
Tgt Ion:146 Resp: 854070

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

111 41.1 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 45.345 ng

RT: 7.234 min Scan# 875

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

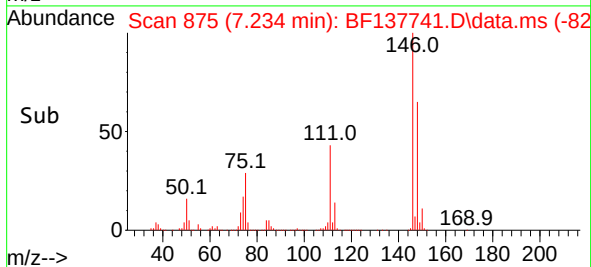
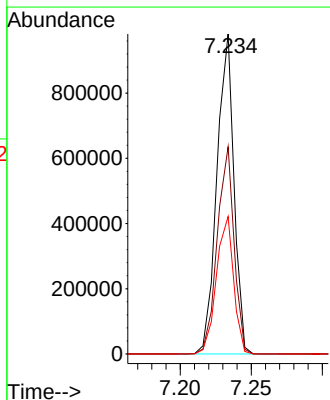
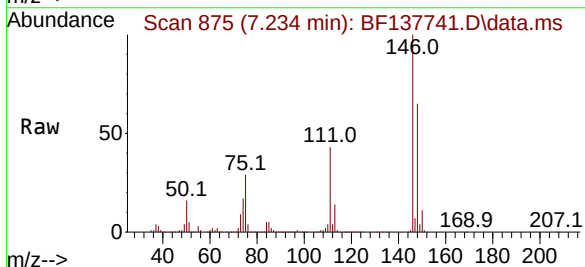
Tgt Ion:146 Resp: 816140

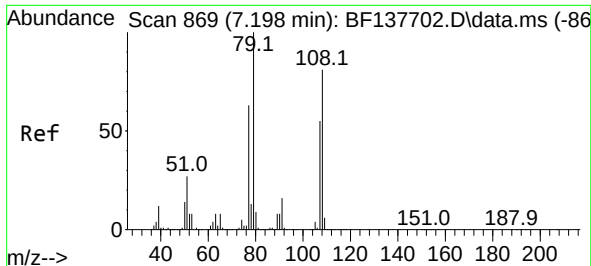
Ion Ratio Lower Upper

146 100

148 64.7 52.1 78.1

111 42.9 34.5 51.7

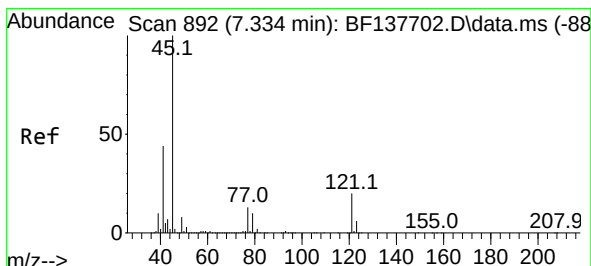
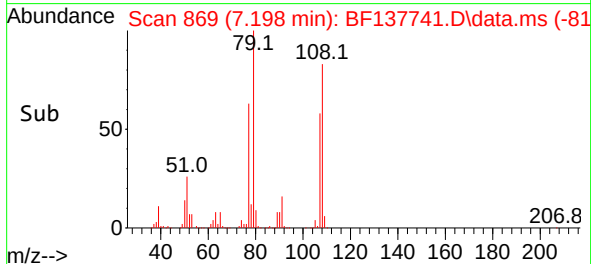
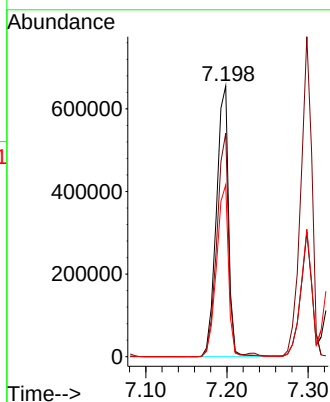
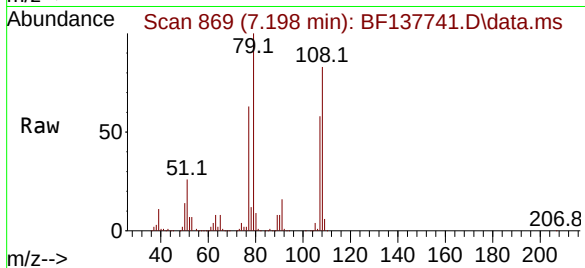




#15
Benzyl Alcohol
Concen: 40.872 ng
RT: 7.198 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

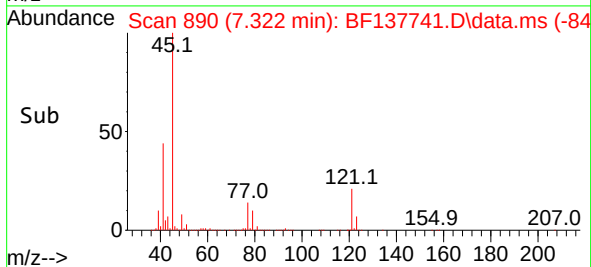
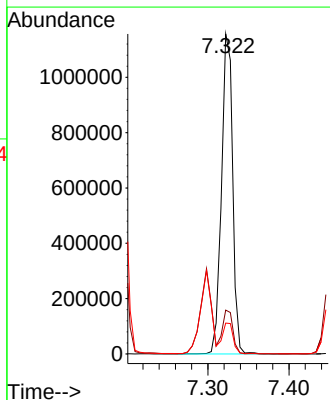
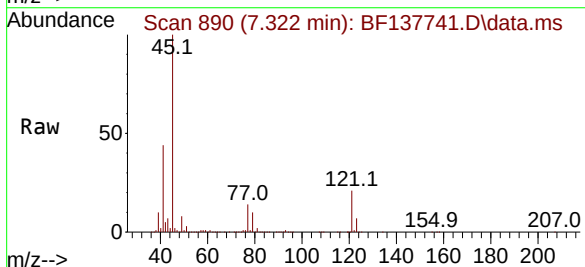
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

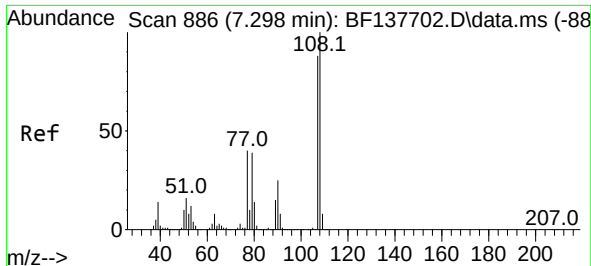
Tgt Ion: 79 Resp: 681202
Ion Ratio Lower Upper
79 100
108 82.6 64.8 97.2
77 63.5 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.797 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion: 45 Resp: 1111098
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.8
79 9.7 0.0 30.1



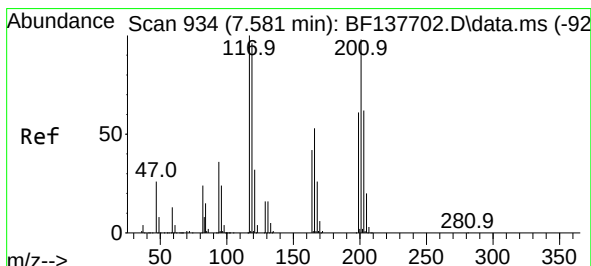
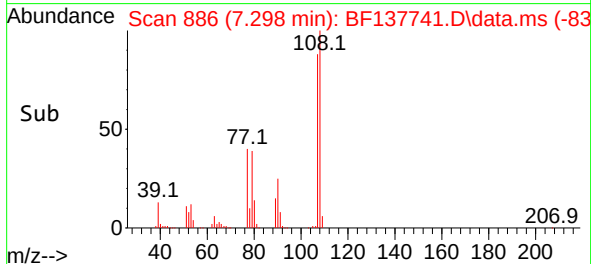
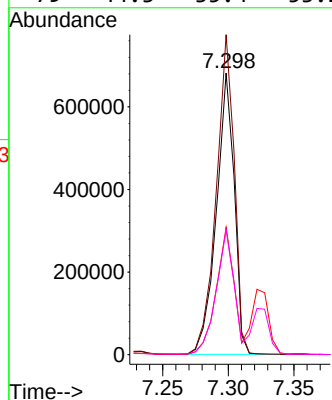
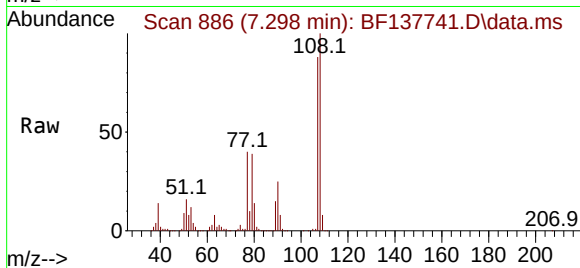


#17
2-Methylphenol
Concen: 39.640 ng
RT: 7.298 min Scan# 88
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Tgt Ion:107 Resp: 644996

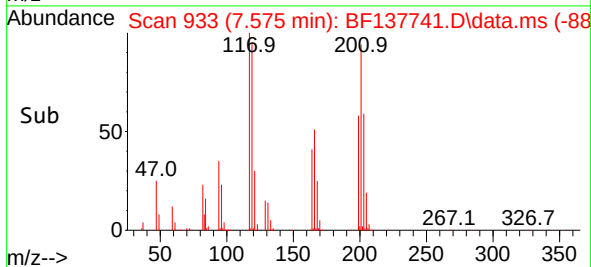
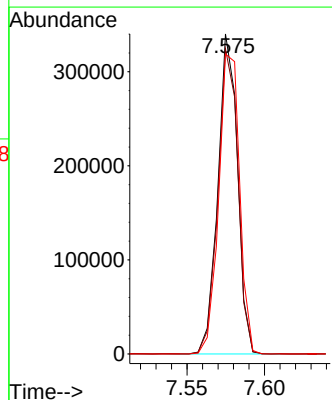
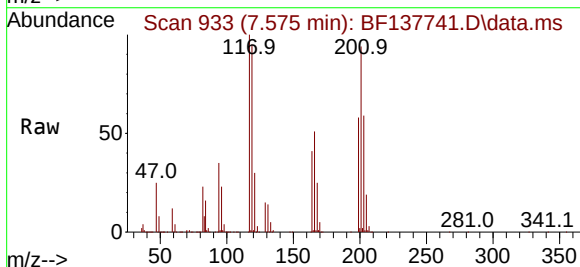
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.6	135.8
77	45.2	35.8	53.8
79	44.3	35.4	53.2

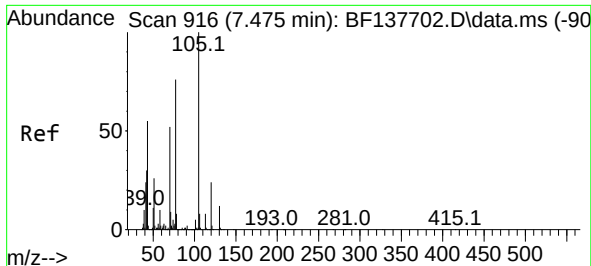


#18
Hexachloroethane
Concen: 43.749 ng
RT: 7.575 min Scan# 933
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:117 Resp: 299391

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.1	115.7
201	93.7	78.1	117.1





#19
n-Nitroso-di-n-propylamine
Concen: 38.359 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion: 70 Resp: 552629

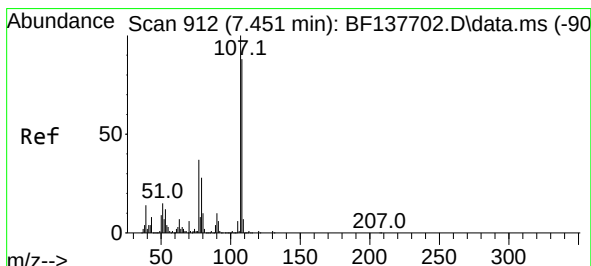
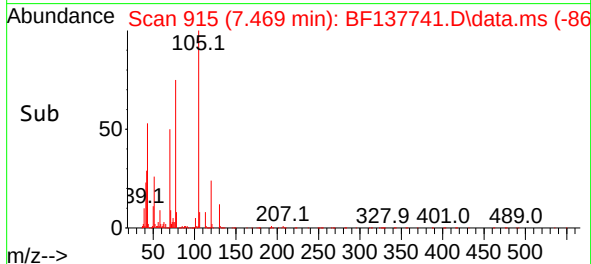
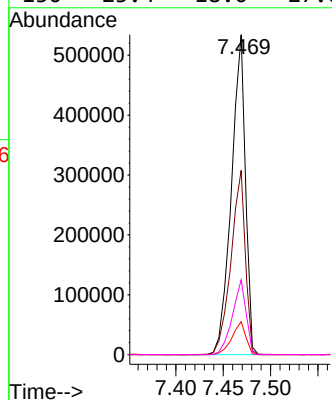
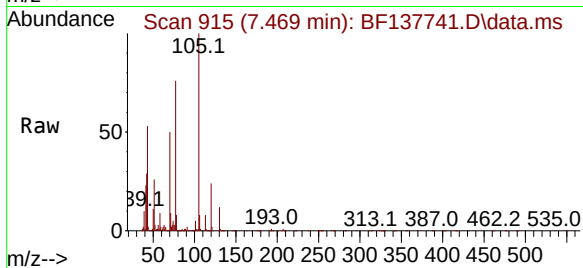
Ion Ratio Lower Upper

70 100

42 57.6 45.9 68.9

101 10.3 8.0 12.0

130 23.4 18.0 27.0



#20
3+4-Methylphenols
Concen: 39.916 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:107 Resp: 838850

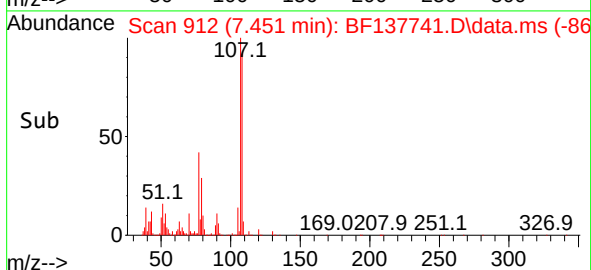
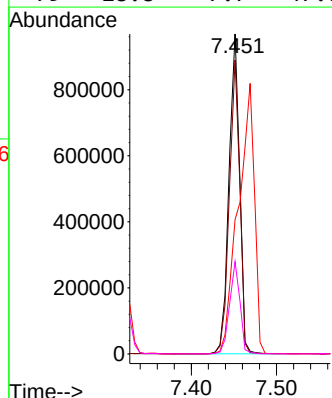
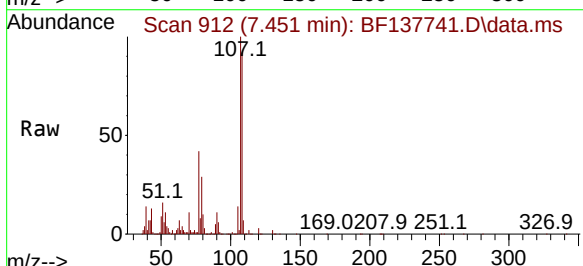
Ion Ratio Lower Upper

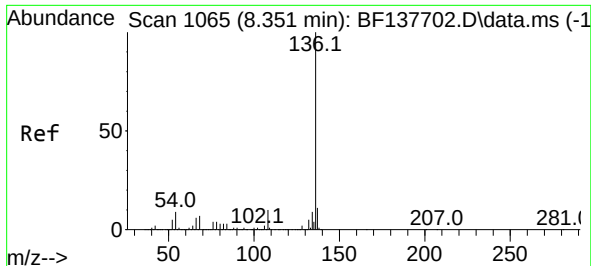
107 100

108 91.8 68.2 108.2

77 42.0 16.8 56.8

79 28.8 7.7 47.7



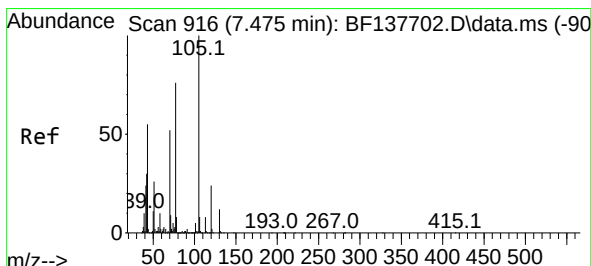
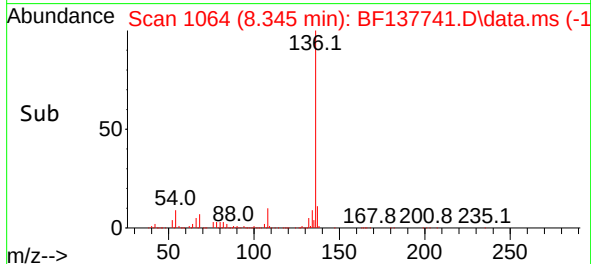
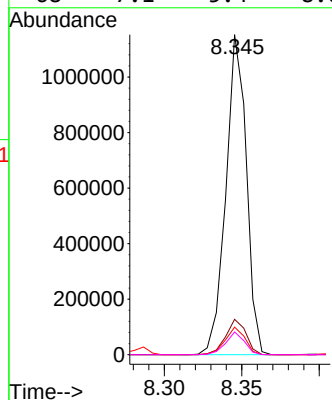
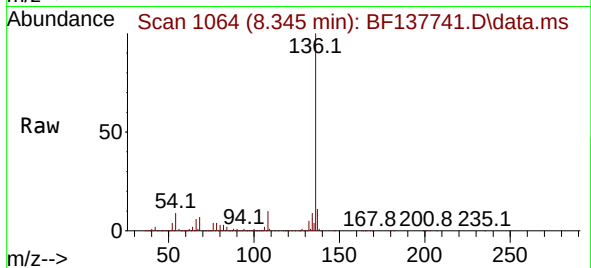


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Tgt Ion:136 Resp: 1059942

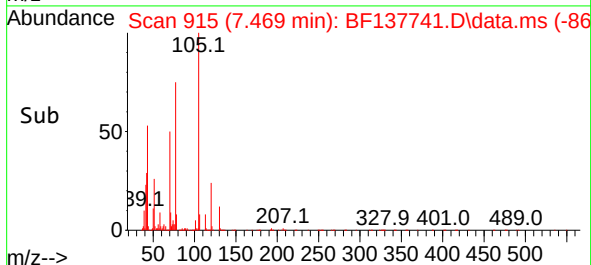
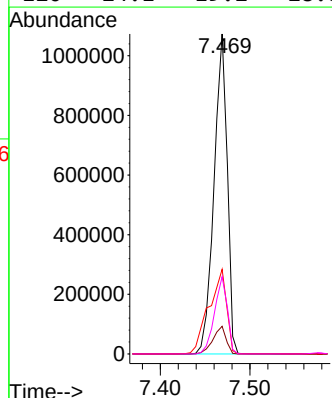
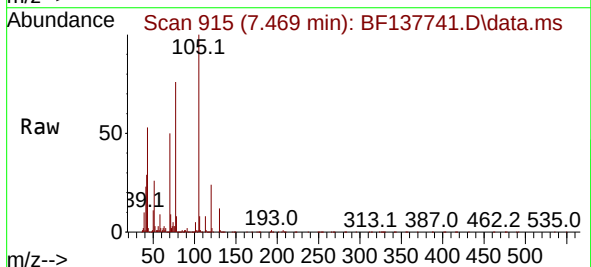
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.6	6.9	10.3
68	7.1	5.4	8.0

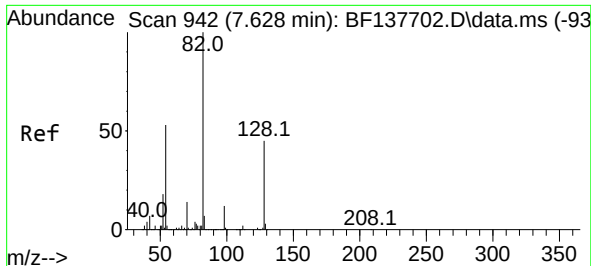


#22
Acetophenone
Concen: 42.238 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:105 Resp: 1095012

Ion	Ratio	Lower	Upper
105	100		
71	8.7	7.0	10.6
51	26.4	20.5	30.7
120	24.1	19.2	28.8





#23

Nitrobenzene-d5

Concen: 70.857 ng

RT: 7.628 min Scan# 942

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

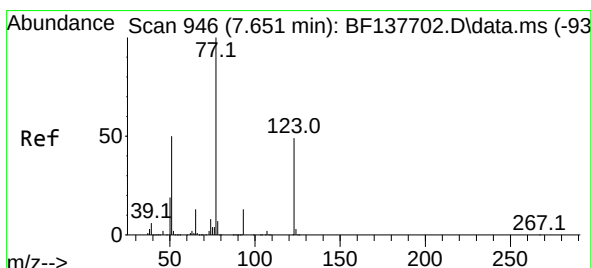
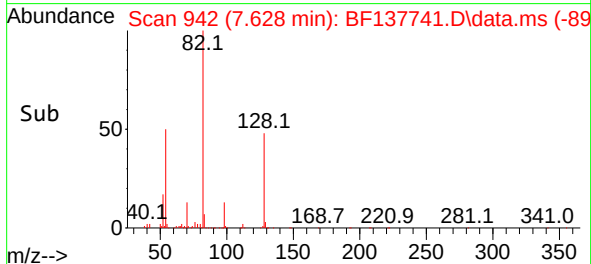
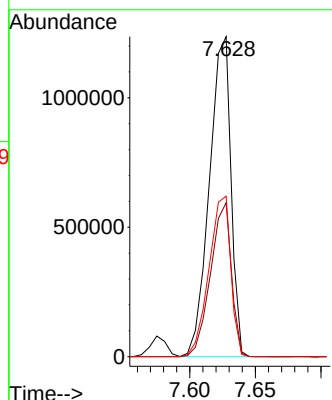
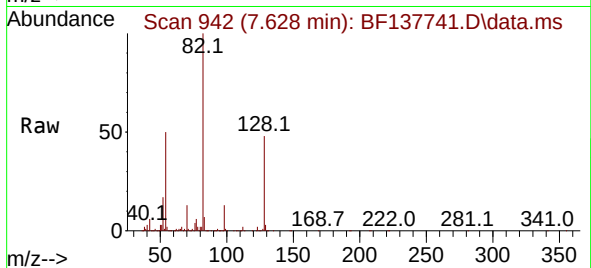
BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion: 82 Resp: 1414848

Ion	Ratio	Lower	Upper
82	100		
128	48.1	35.8	53.6
54	50.1	42.5	63.7



#24

Nitrobenzene

Concen: 41.287 ng

RT: 7.645 min Scan# 945

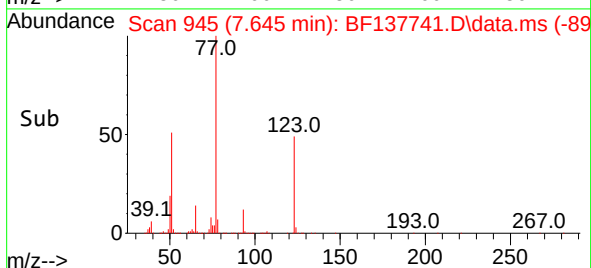
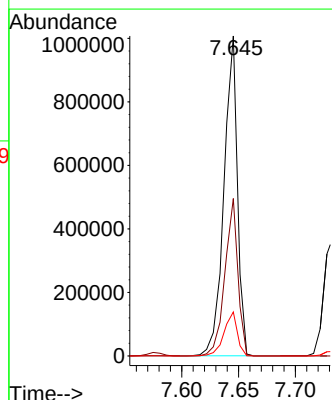
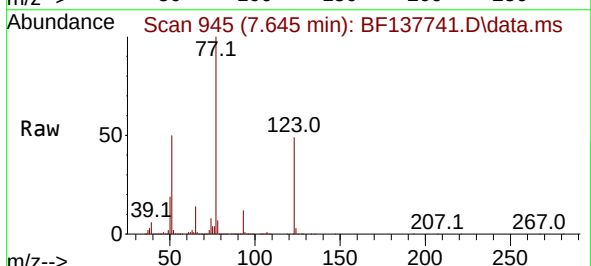
Delta R.T. -0.006 min

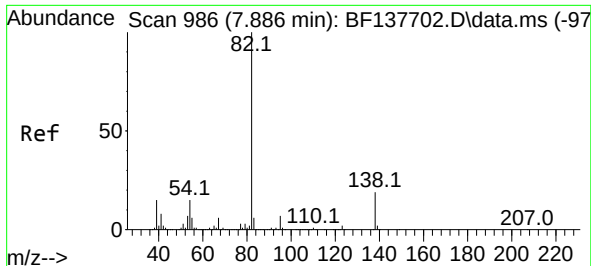
Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Tgt Ion: 77 Resp: 832900

Ion	Ratio	Lower	Upper
77	100		
123	49.2	40.4	60.6
65	13.8	10.7	16.1

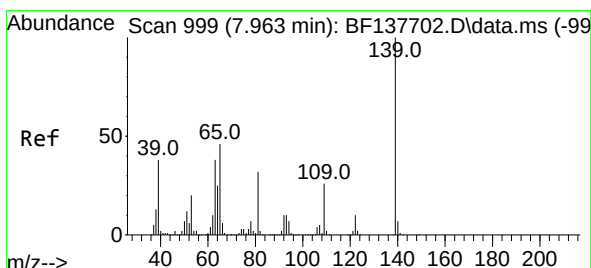
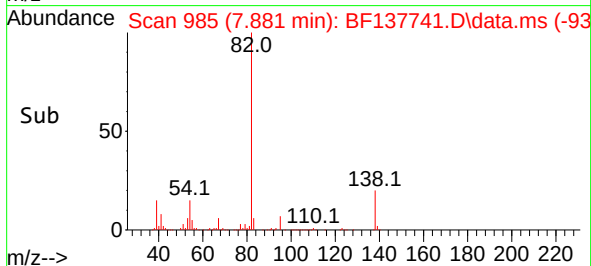
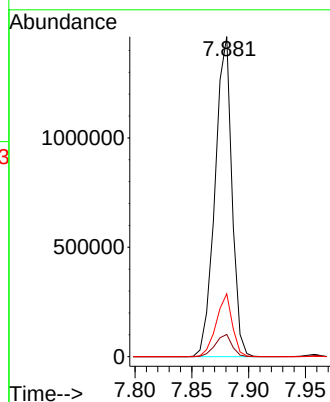
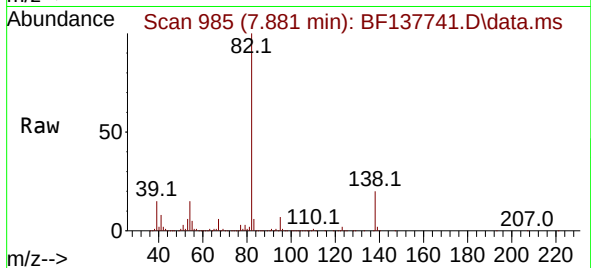




#25
Isophorone
Concen: 40.810 ng
RT: 7.881 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

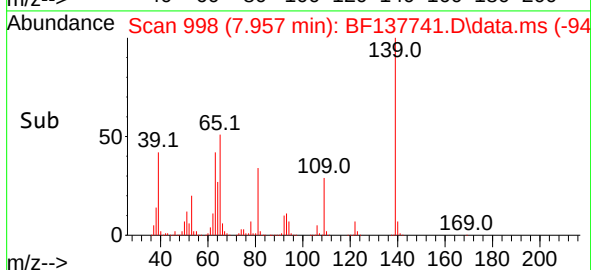
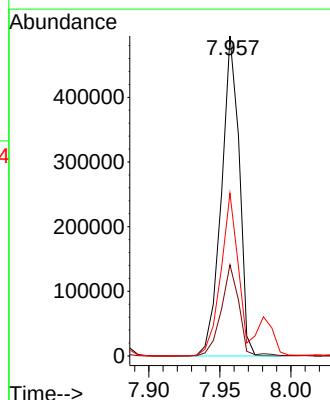
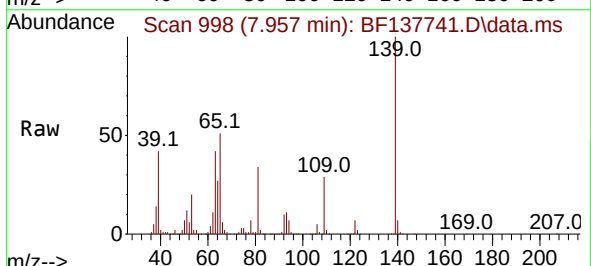
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

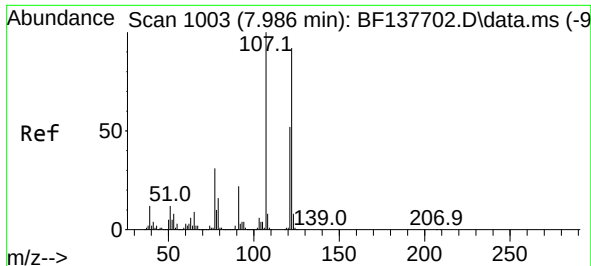
Tgt Ion: 82 Resp: 1513413
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 19.6 15.3 22.9



#26
2-Nitrophenol
Concen: 48.559 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:139 Resp: 429887
Ion Ratio Lower Upper
139 100
109 28.5 21.1 31.7
65 50.8 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 34.551 ng

RT: 7.981 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

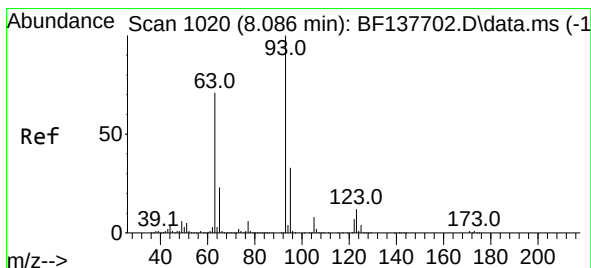
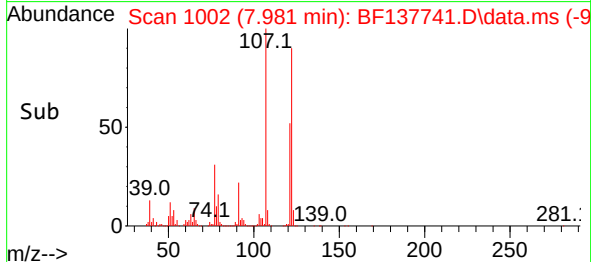
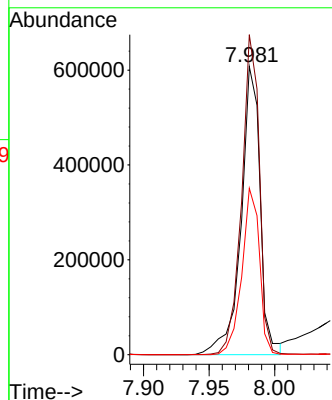
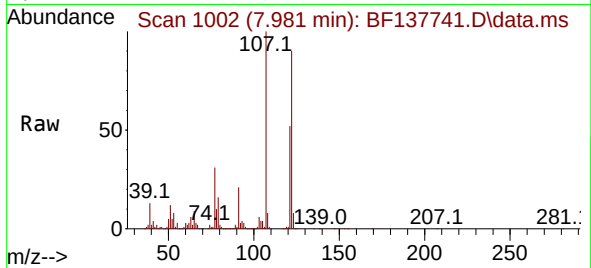
Tgt Ion:122 Resp: 617094

Ion Ratio Lower Upper

122 100

107 111.0 87.2 130.8

121 57.7 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.211 ng

RT: 8.087 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

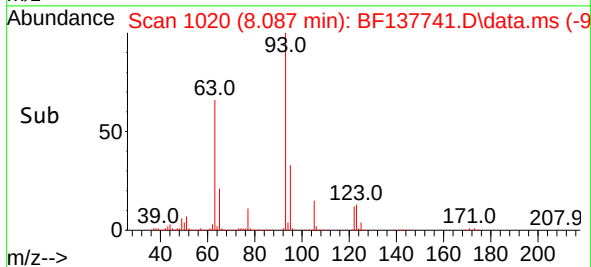
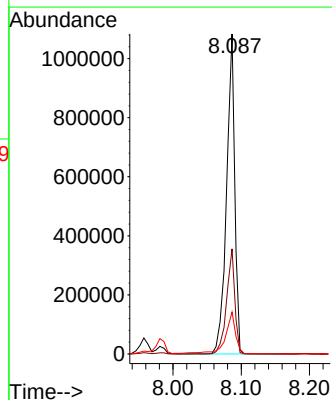
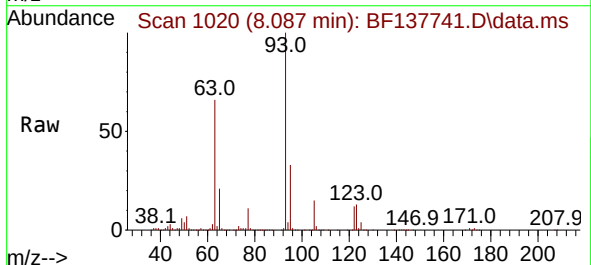
Tgt Ion: 93 Resp: 910824

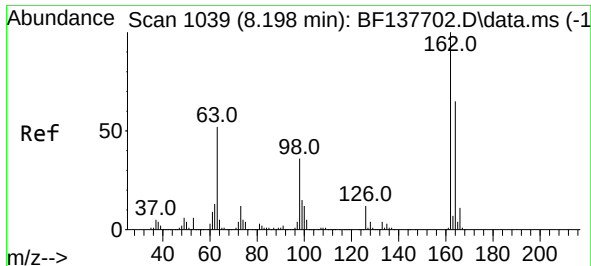
Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 13.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 43.814 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

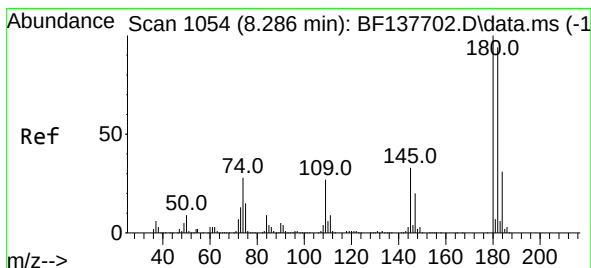
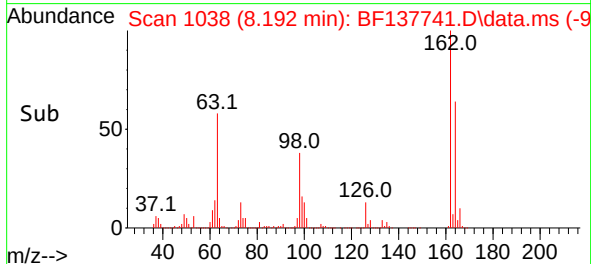
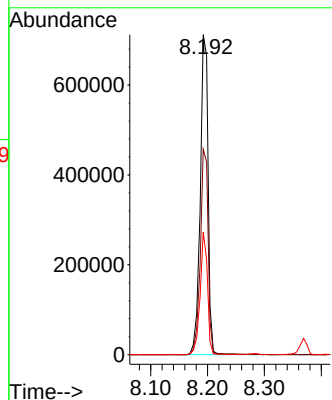
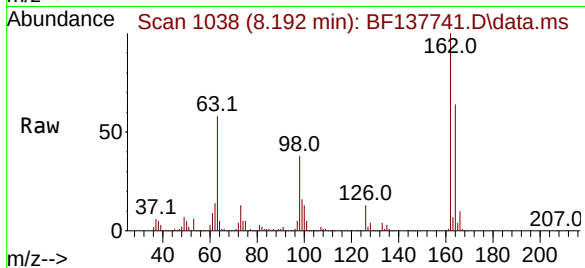
Tgt Ion:162 Resp: 685828

Ion Ratio Lower Upper

162 100

164 64.2 45.2 85.2

98 38.3 15.7 55.7



#30

1,2,4-Trichlorobenzene

Concen: 43.859 ng

RT: 8.287 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

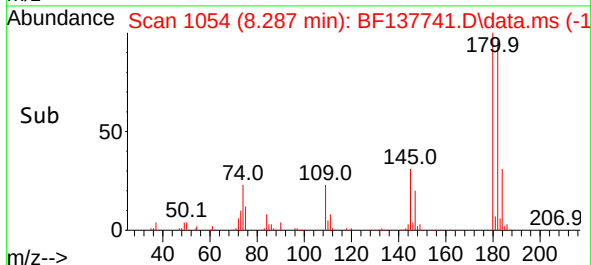
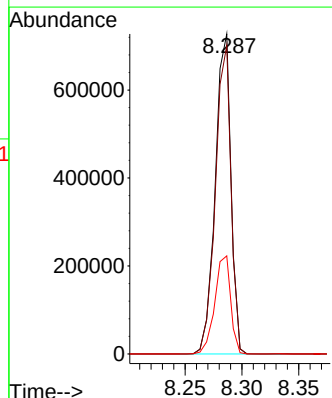
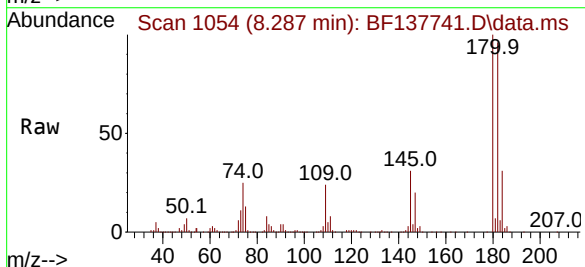
Tgt Ion:180 Resp: 699755

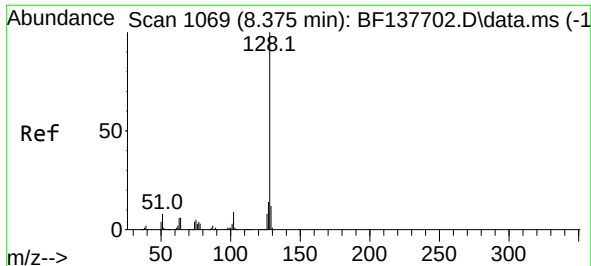
Ion Ratio Lower Upper

180 100

182 96.4 75.4 113.2

145 30.6 26.3 39.5

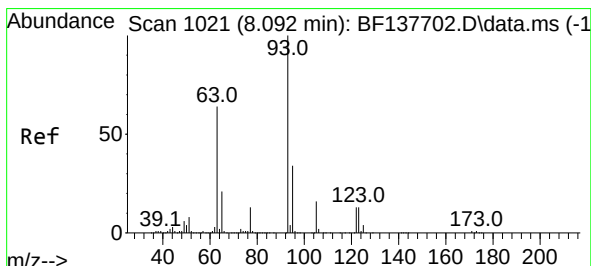
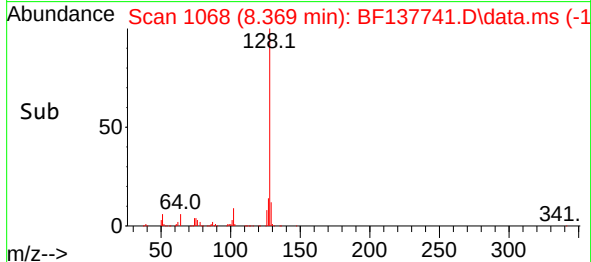
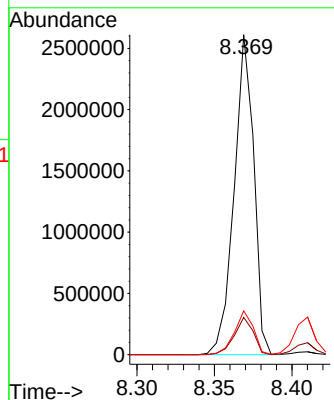
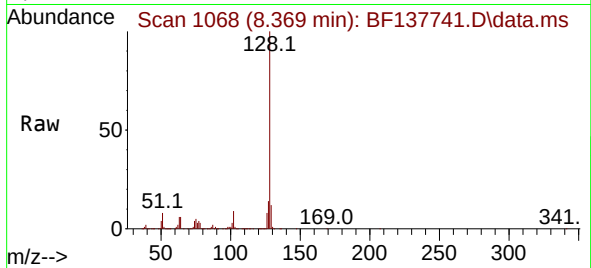




#31
Naphthalene
Concen: 42.517 ng
RT: 8.369 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

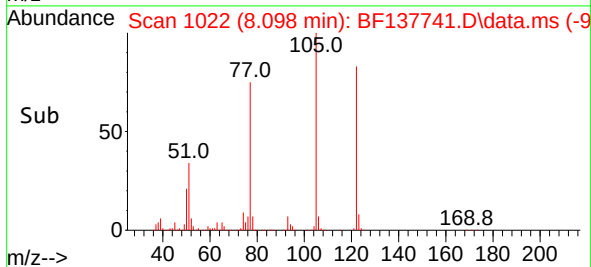
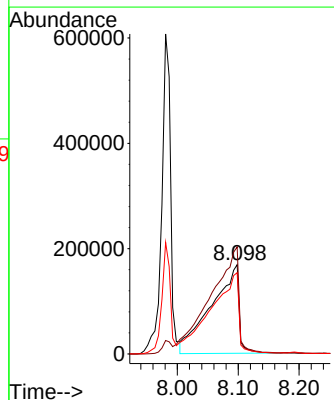
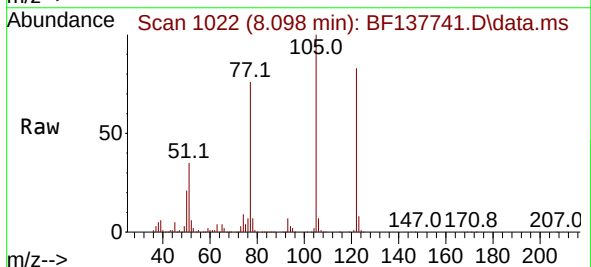
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

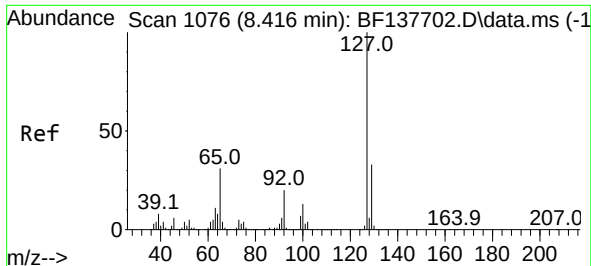
Tgt Ion:128 Resp: 2299667
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 46.823 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:122 Resp: 529513
Ion Ratio Lower Upper
122 100
105 119.9 101.1 141.1
77 91.1 75.7 115.7



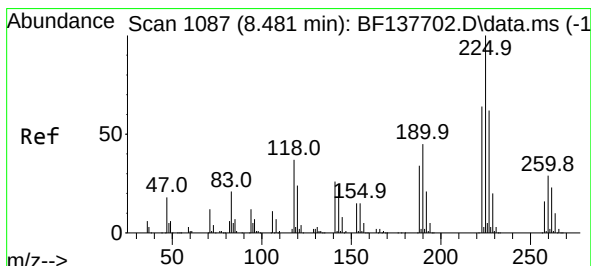
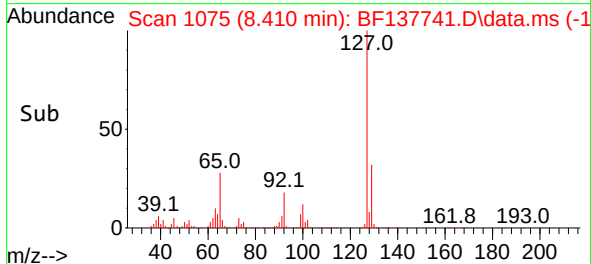
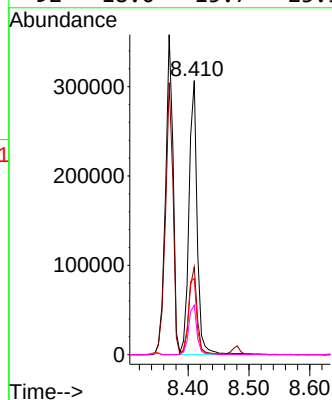
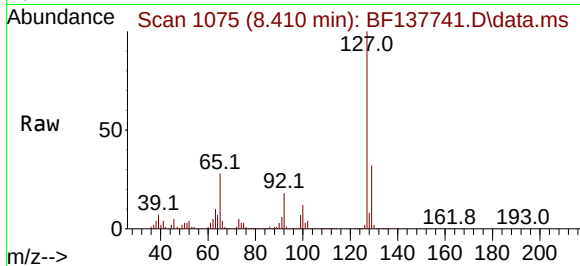


#33
 4-Chloroaniline
 Concen: 12.544 ng
 RT: 8.410 min Scan# 1075
 Delta R.T. -0.006 min
 Lab File: BF137741.D
 Acq: 26 Apr 2024 18:25

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MSD

Tgt Ion:127 Resp: 287185

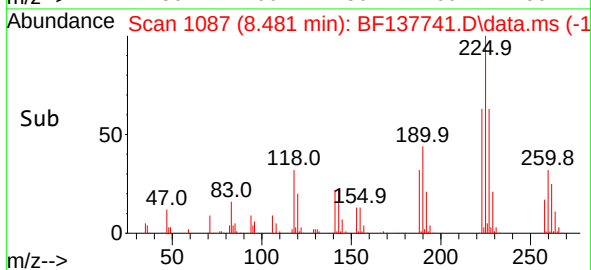
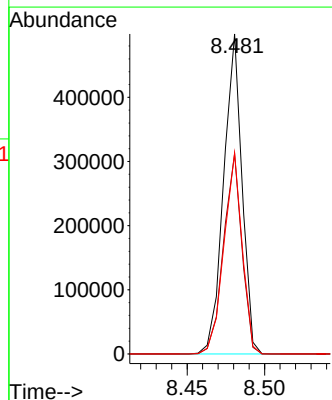
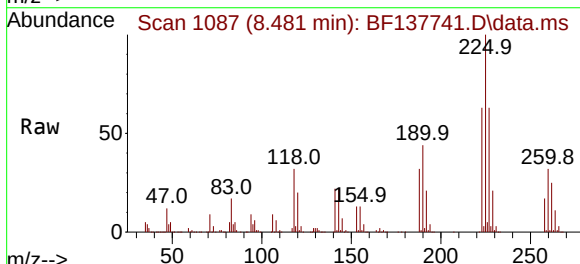
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.4	39.6
65	27.8	24.6	36.8
92	18.0	15.7	23.5

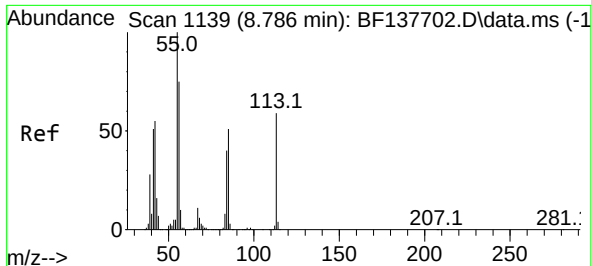


#34
 Hexachlorobutadiene
 Concen: 42.819 ng
 RT: 8.481 min Scan# 1087
 Delta R.T. 0.000 min
 Lab File: BF137741.D
 Acq: 26 Apr 2024 18:25

Tgt Ion:225 Resp: 409560

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.0
227	62.8	49.4	74.2





#35

Caprolactam

Concen: 28.396 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

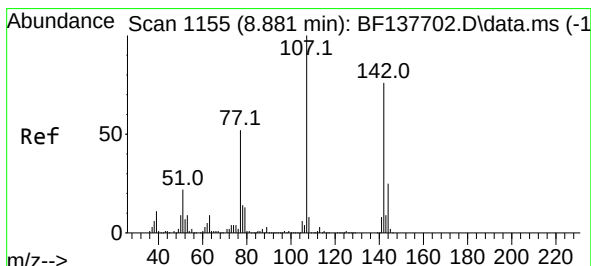
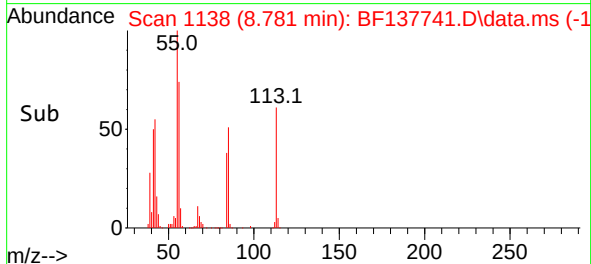
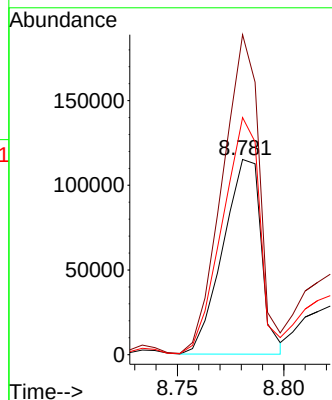
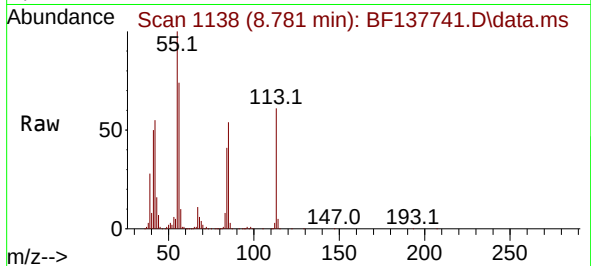
Tgt Ion:113 Resp: 143704

Ion Ratio Lower Upper

113 100

55 163.9 148.7 188.7

56 121.4 107.2 147.2



#36

4-Chloro-3-methylphenol

Concen: 43.023 ng

RT: 8.881 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

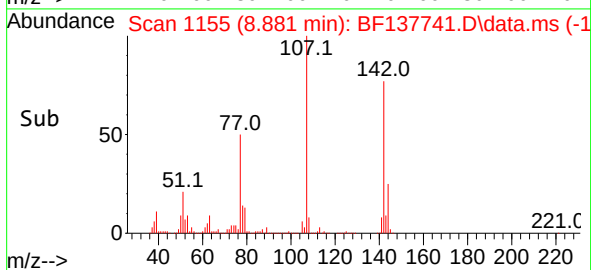
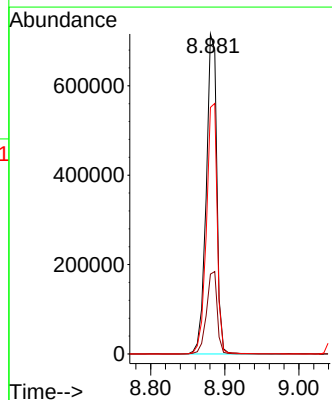
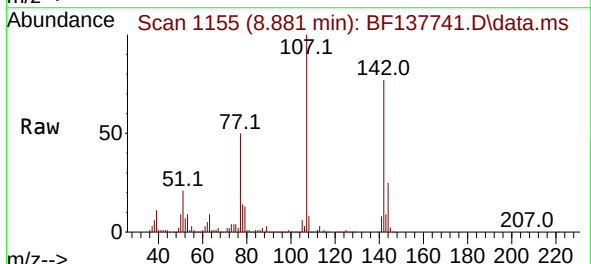
Tgt Ion:107 Resp: 714262

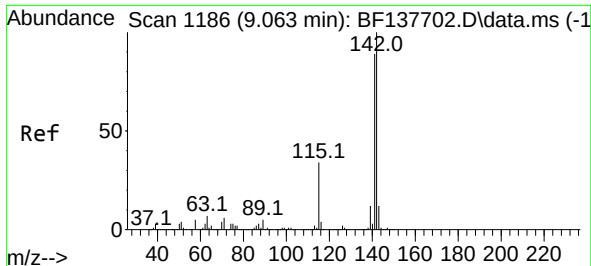
Ion Ratio Lower Upper

107 100

144 24.9 19.8 29.8

142 77.0 60.5 90.7





#37

2-Methylnaphthalene

Concen: 40.735 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

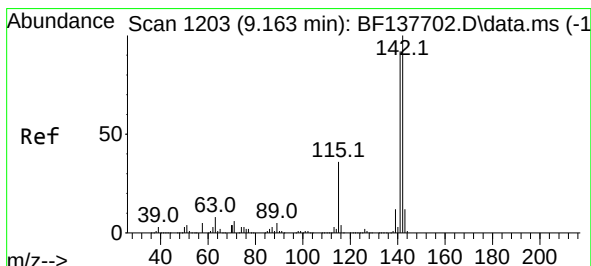
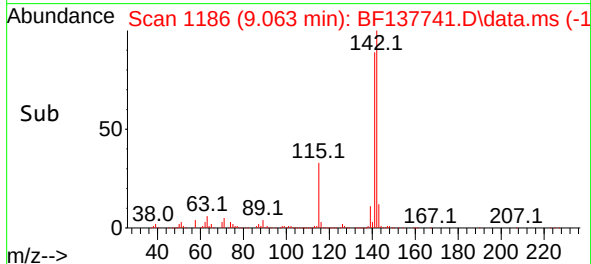
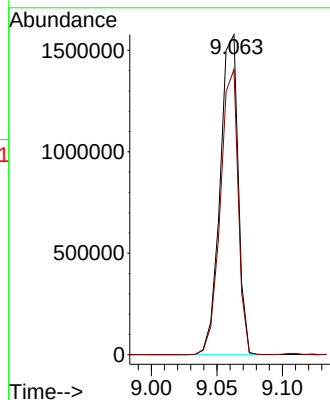
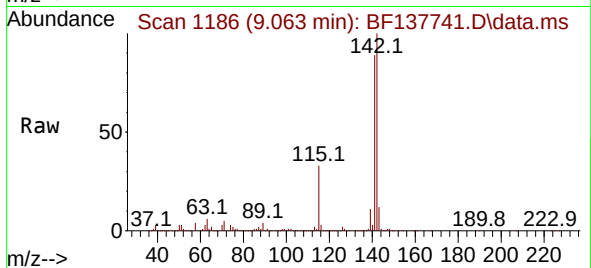
RT-3860MSD

Tgt Ion:142 Resp: 1512238

Ion Ratio Lower Upper

142 100

141 89.1 71.2 106.8



#38

1-Methylnaphthalene

Concen: 40.258 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF137741.D

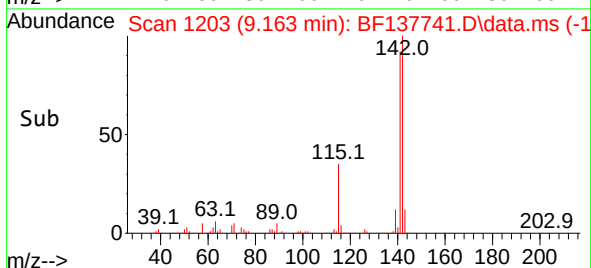
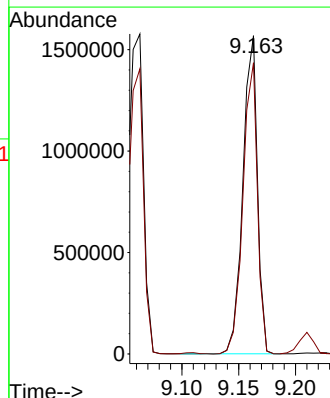
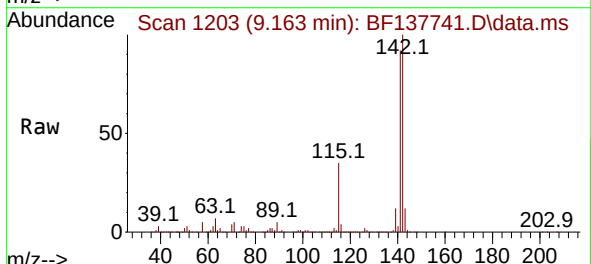
Acq: 26 Apr 2024 18:25

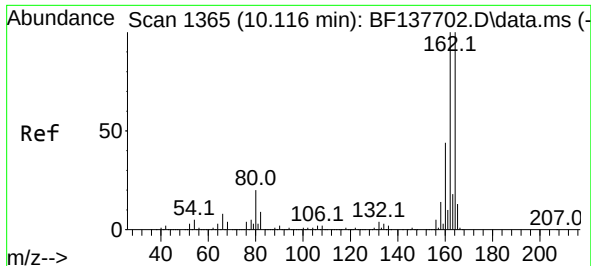
Tgt Ion:142 Resp: 1397348

Ion Ratio Lower Upper

142 100

141 91.5 73.4 110.0

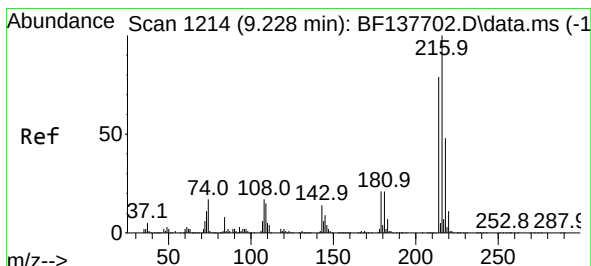
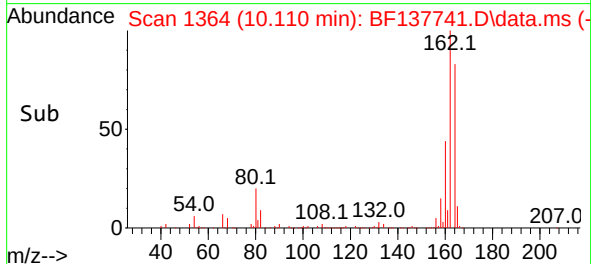
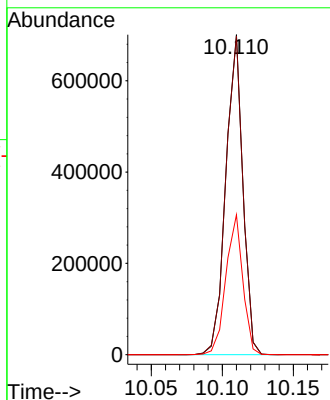
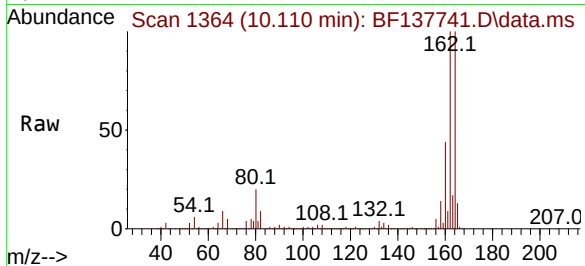




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

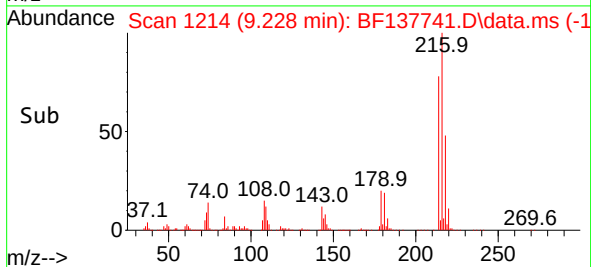
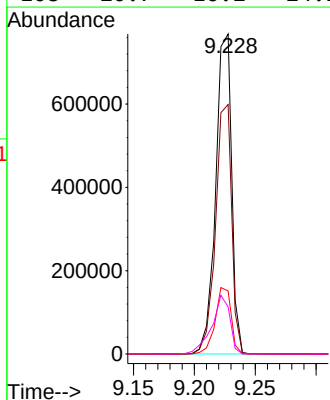
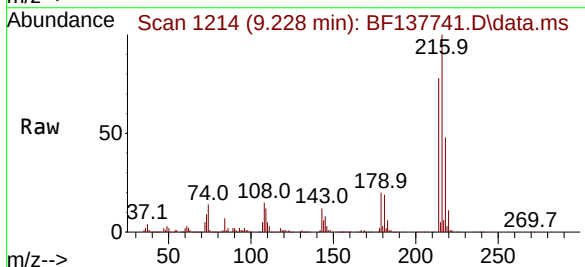
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

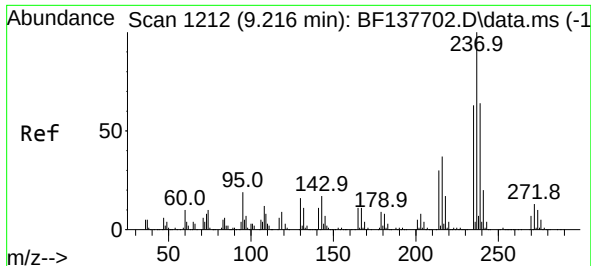
Tgt Ion:164 Resp: 582399
Ion Ratio Lower Upper
164 100
162 99.6 80.3 120.5
160 43.7 35.0 52.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.947 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:216 Resp: 701688
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 20.6 17.1 25.7
108 20.7 16.2 24.2

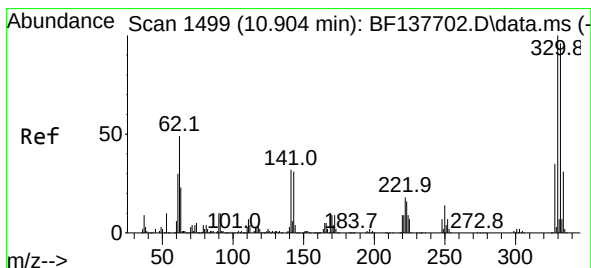
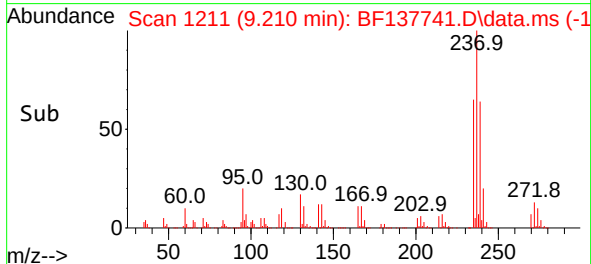
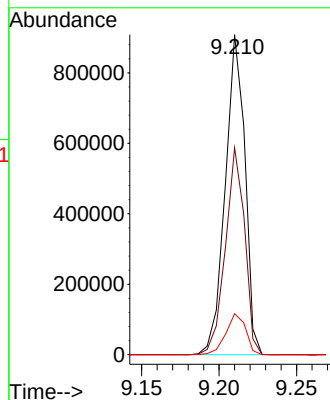
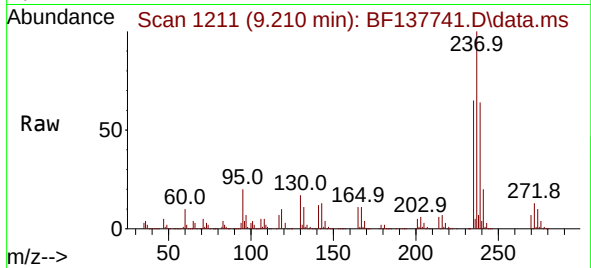




#41
Hexachlorocyclopentadiene
Concen: 89.675 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

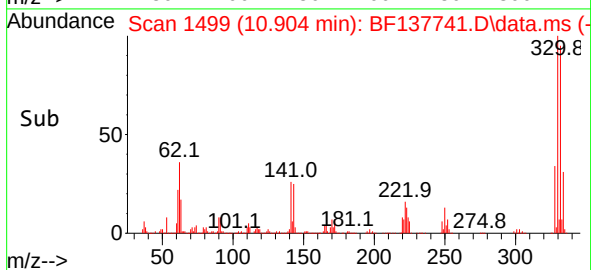
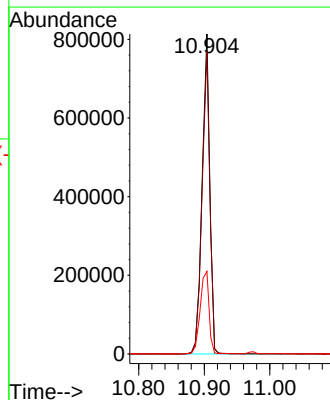
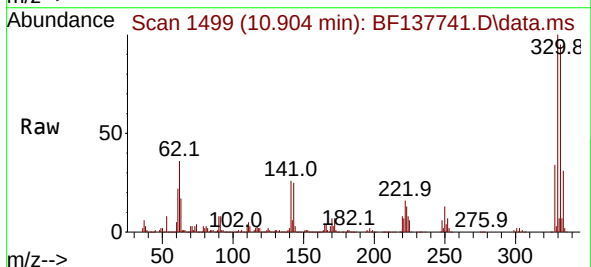
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

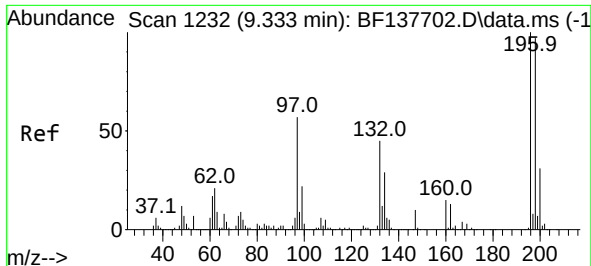
Tgt Ion:237 Resp: 802259
Ion Ratio Lower Upper
237 100
235 64.7 42.9 82.9
272 12.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 113.314 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:330 Resp: 665926
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 29.7 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 44.968 ng

RT: 9.334 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

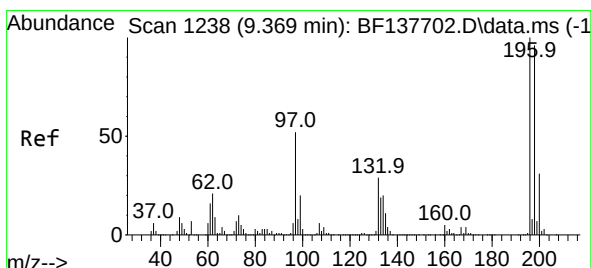
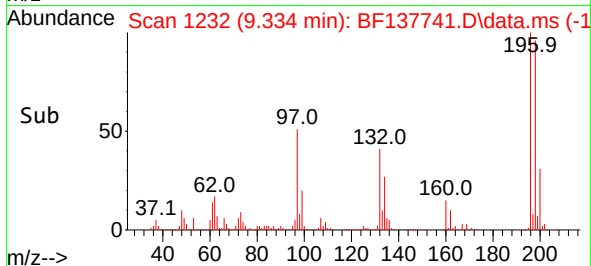
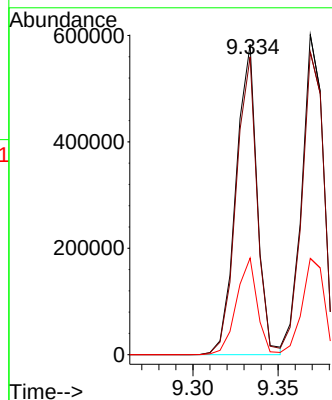
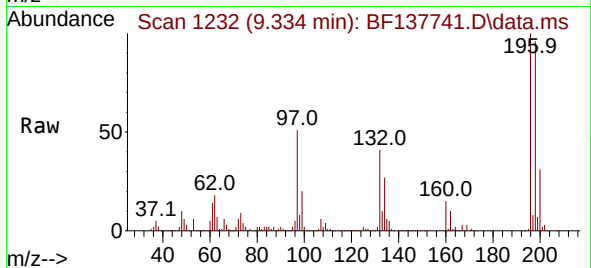
Tgt Ion:196 Resp: 503685

Ion Ratio Lower Upper

196 100

198 96.0 77.8 116.6

200 31.2 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 40.928 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Tgt Ion:196 Resp: 525393

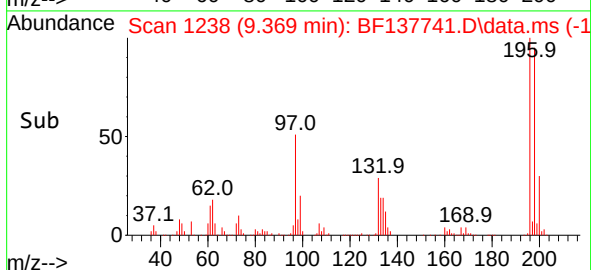
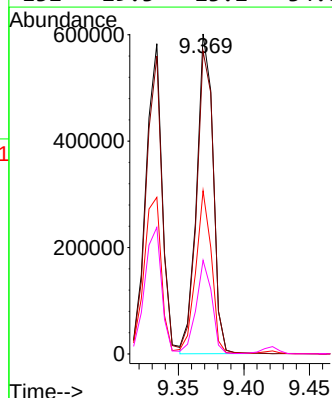
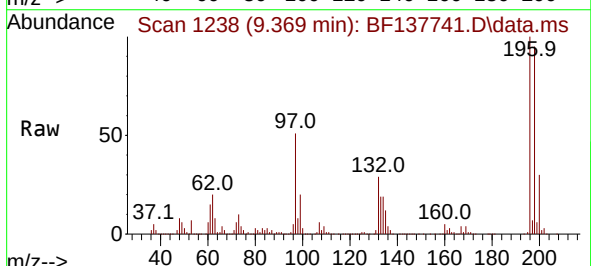
Ion Ratio Lower Upper

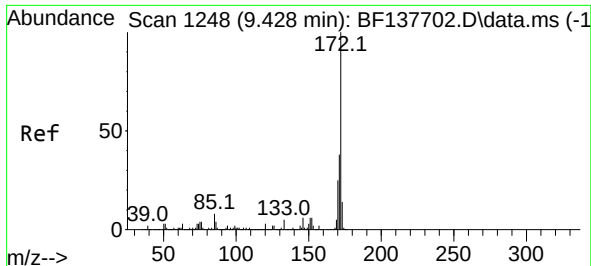
196 100

198 94.6 77.2 115.8

97 51.0 41.8 62.8

132 29.3 23.2 34.8

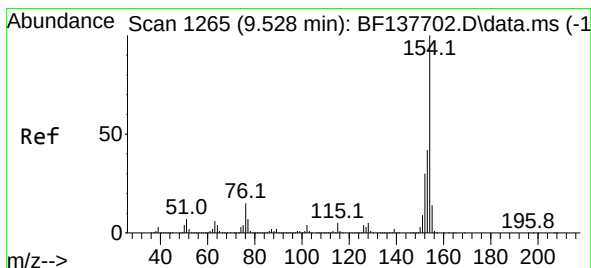
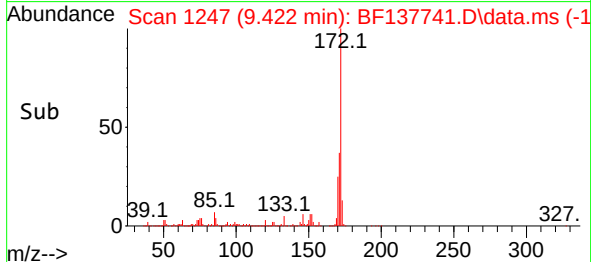
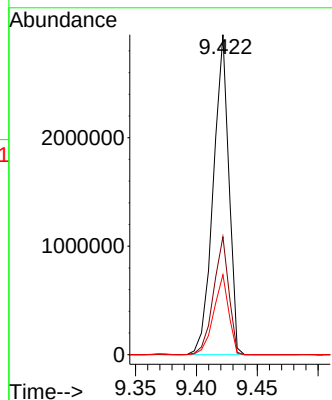
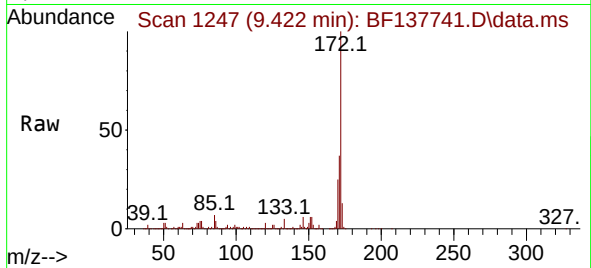




#45
2-Fluorobiphenyl
Concen: 67.155 ng
RT: 9.422 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

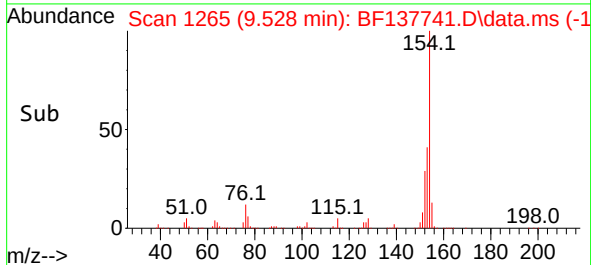
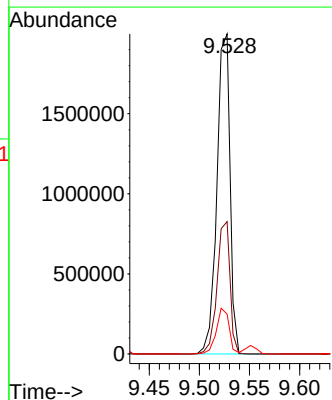
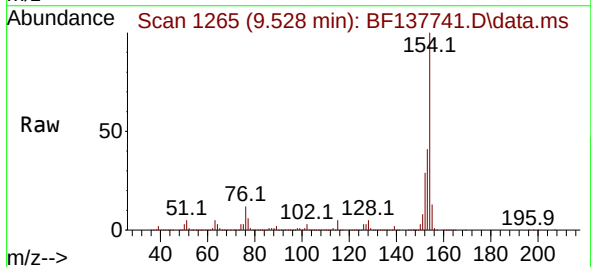
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

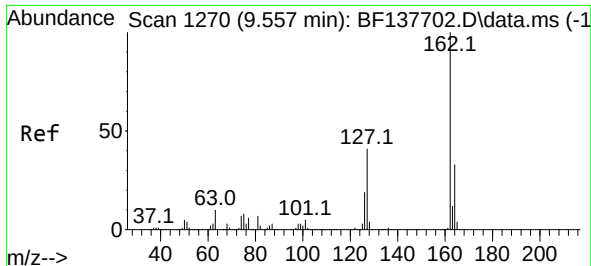
Tgt Ion:172 Resp: 2617511
Ion Ratio Lower Upper
172 100
171 36.9 30.2 45.4
170 25.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 42.819 ng
RT: 9.528 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:154 Resp: 1814149
Ion Ratio Lower Upper
154 100
153 41.4 21.9 61.9
76 12.5 0.0 35.3

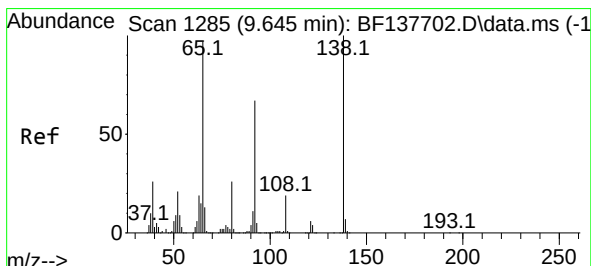
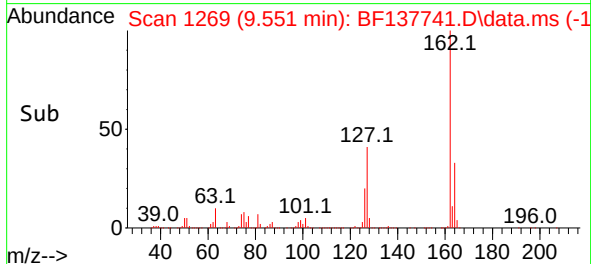
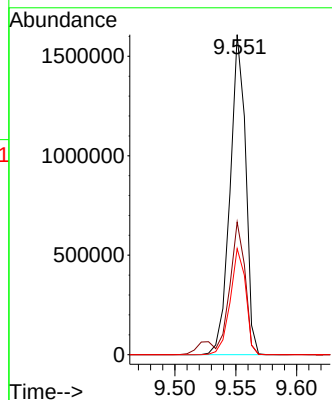
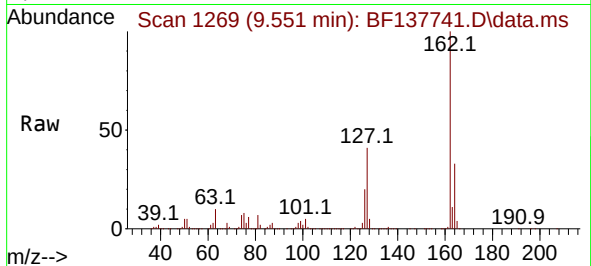




#47
2-Chloronaphthalene
Concen: 43.892 ng
RT: 9.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

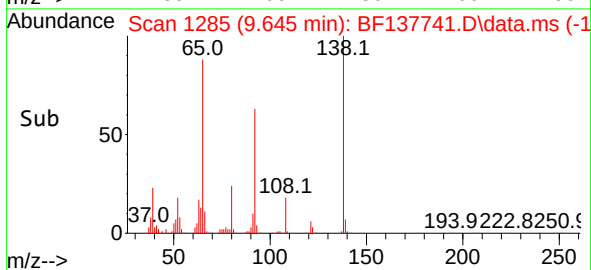
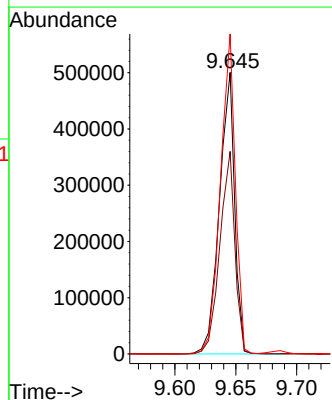
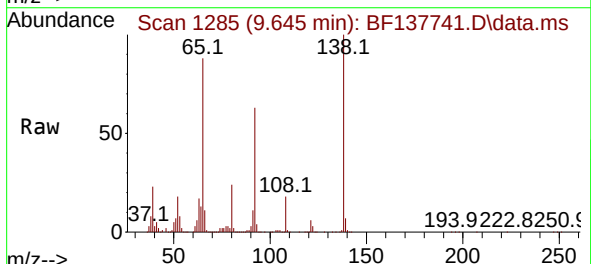
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

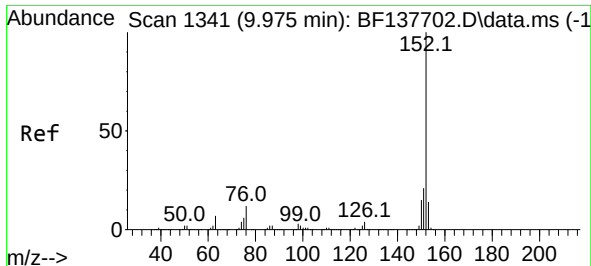
Tgt Ion:162 Resp: 1433516
Ion Ratio Lower Upper
162 100
127 41.5 33.1 49.7
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 43.896 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion: 65 Resp: 436861
Ion Ratio Lower Upper
65 100
92 71.9 54.9 82.3
138 113.6 82.4 123.6





#49

Acenaphthylene

Concen: 44.314 ng

RT: 9.975 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

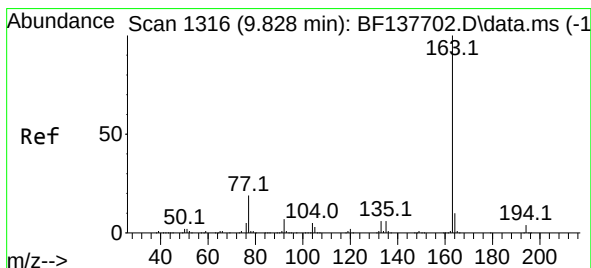
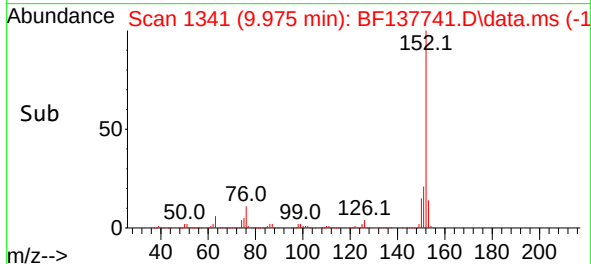
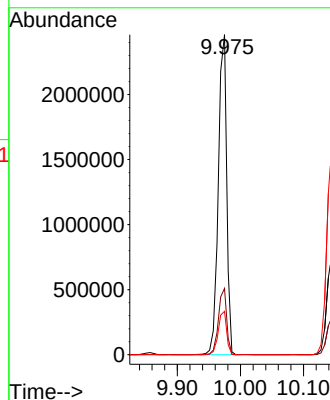
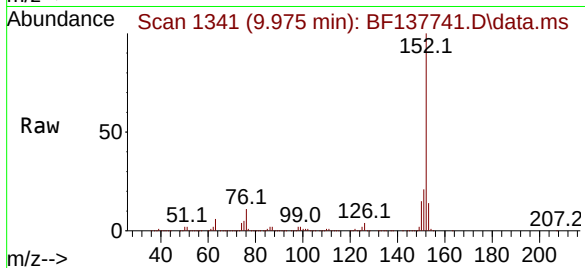
Tgt Ion:152 Resp: 2257031

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 13.6 11.0 16.4



#50

Dimethylphthalate

Concen: 42.037 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

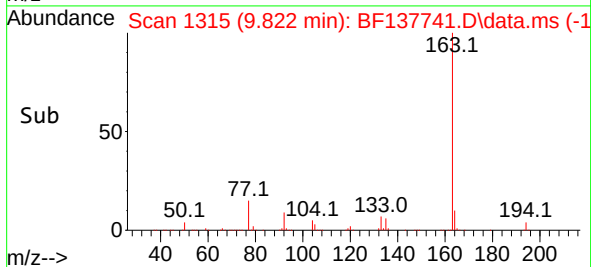
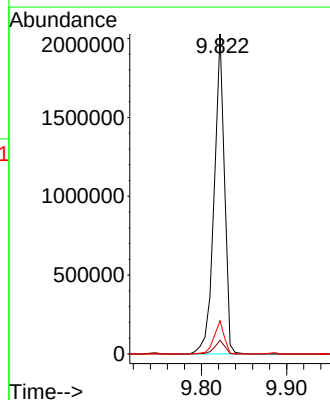
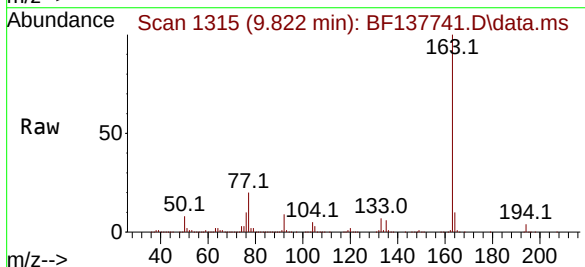
Tgt Ion:163 Resp: 1705757

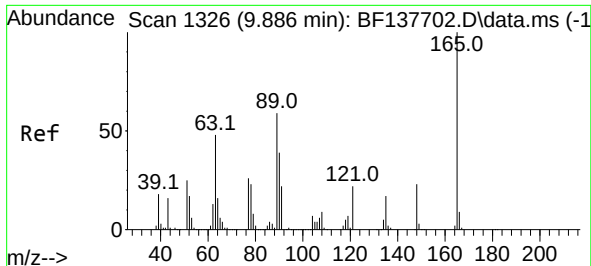
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.3 8.2 12.2

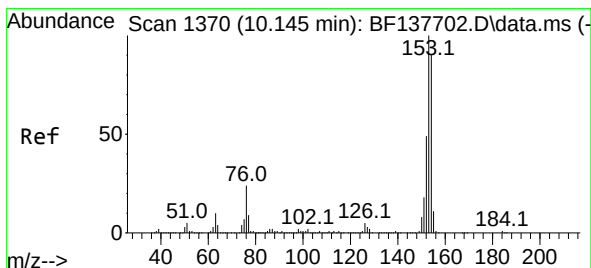
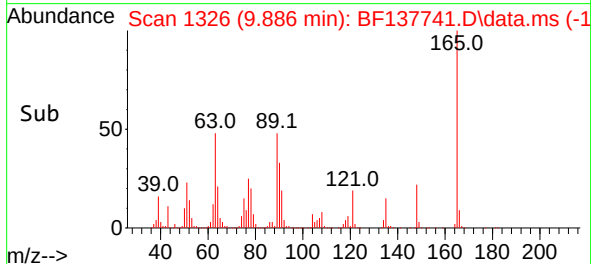
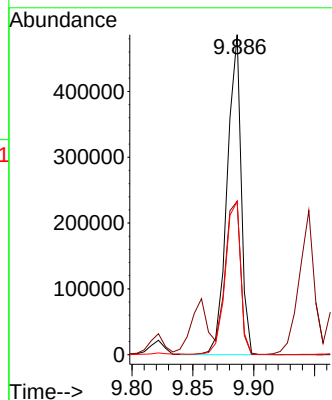
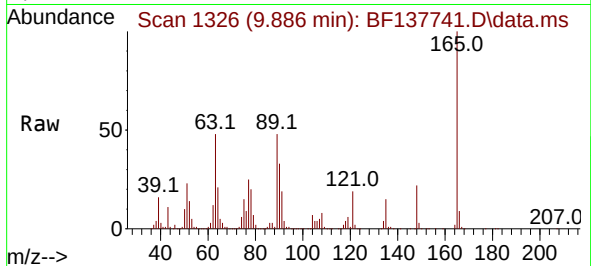




#51
2,6-Dinitrotoluene
Concen: 45.510 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

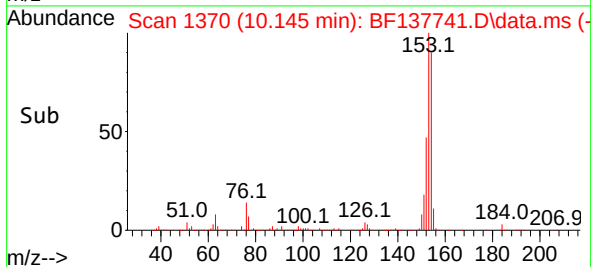
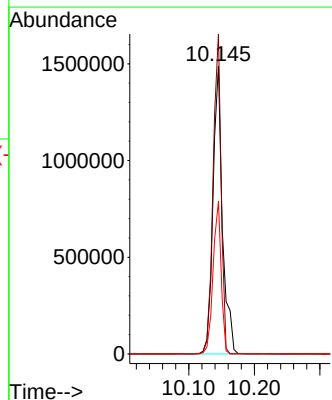
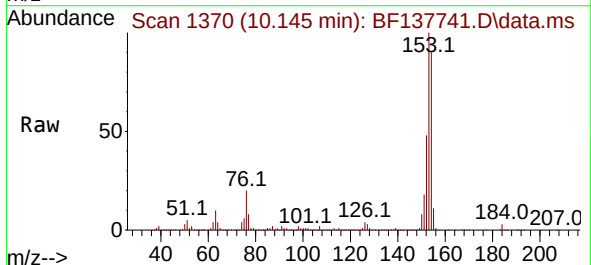
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

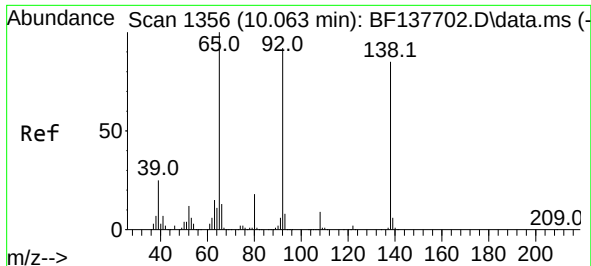
Tgt Ion:165 Resp: 389086
Ion Ratio Lower Upper
165 100
63 47.9 47.7 71.5
89 48.0 47.3 70.9



#52
Acenaphthene
Concen: 45.430 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:154 Resp: 1498265
Ion Ratio Lower Upper
154 100
153 111.1 88.5 132.7
152 53.0 43.3 64.9

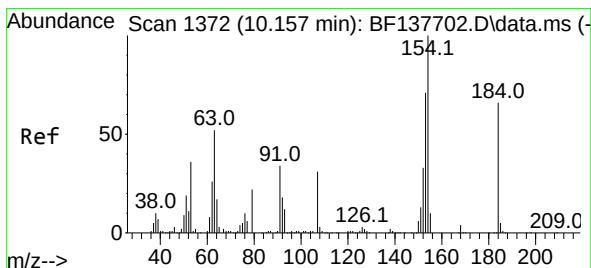
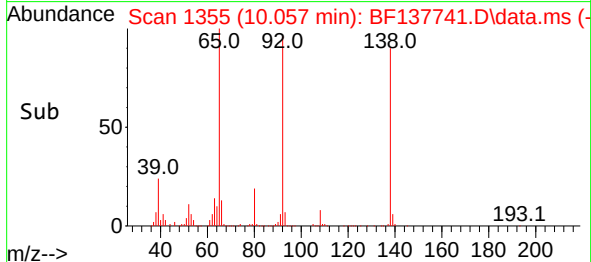
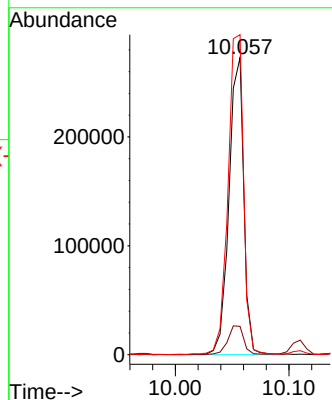
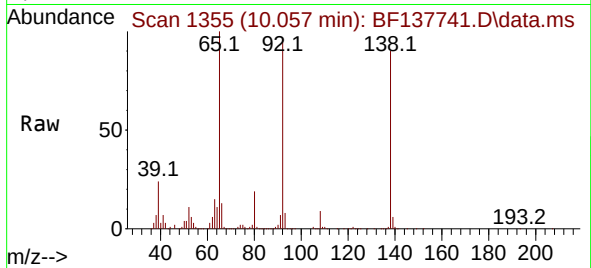




#53
3-Nitroaniline
Concen: 25.739 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

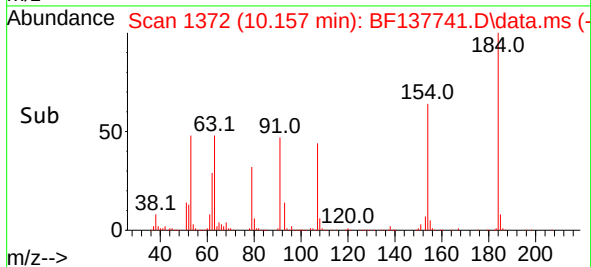
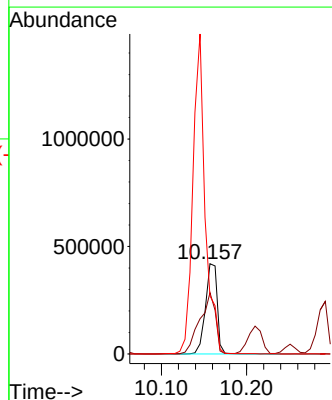
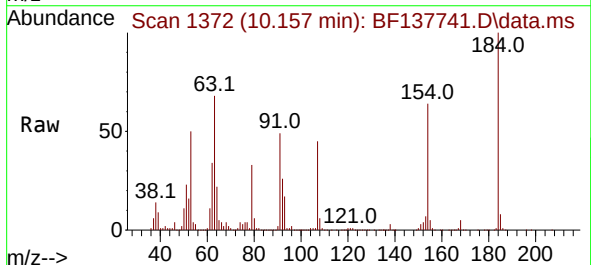
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

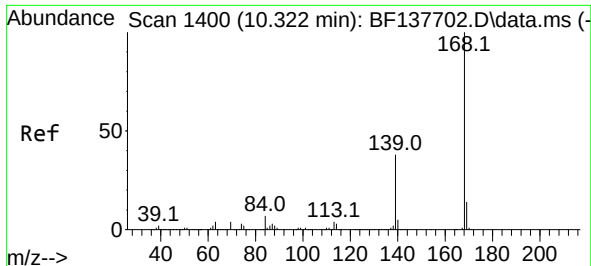
Tgt Ion:138 Resp: 247290
Ion Ratio Lower Upper
138 100
108 9.6 8.3 12.5
92 107.7 86.9 130.3



#54
2,4-Dinitrophenol
Concen: 87.611 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:184 Resp: 400564
Ion Ratio Lower Upper
184 100
63 67.8 63.5 95.3
154 64.4 123.0 184.6#

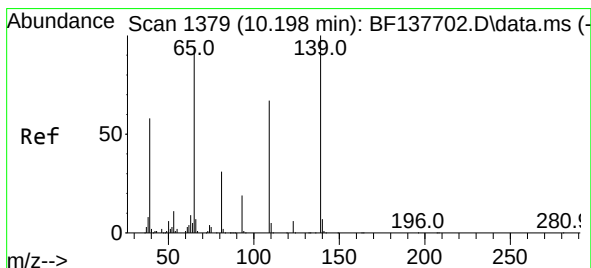
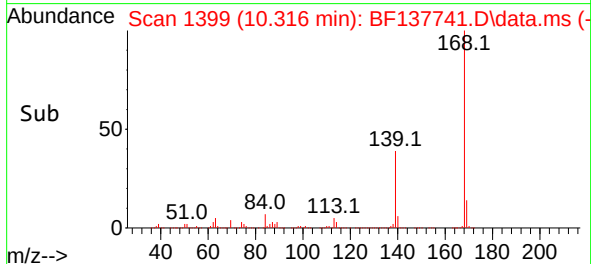
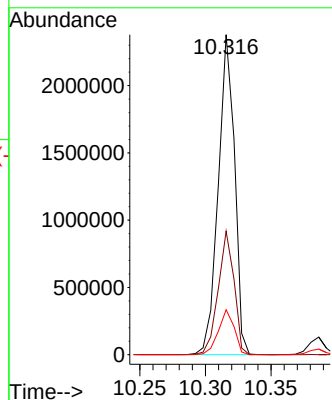
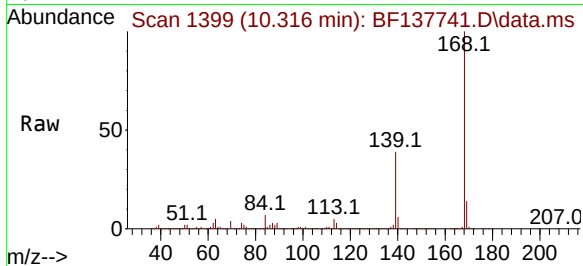




#55
Dibenzenofuran
Concen: 42.432 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

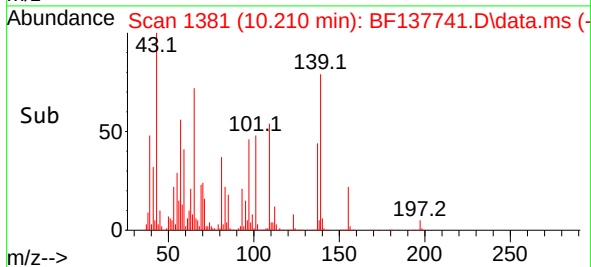
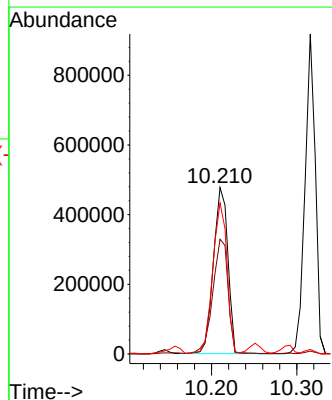
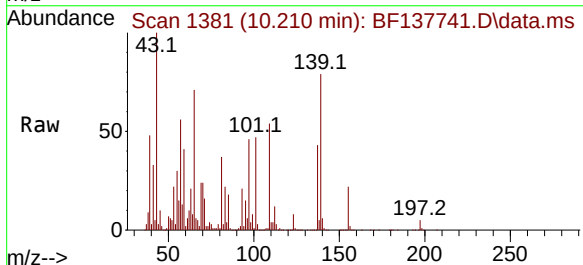
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

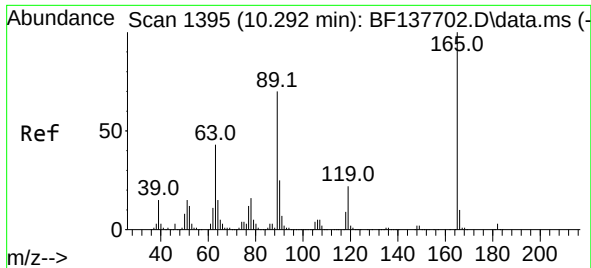
Tgt Ion:168 Resp: 2051287
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.0 10.9 16.3



#56
4-Nitrophenol
Concen: 75.263 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:139 Resp: 562343
Ion Ratio Lower Upper
139 100
109 68.9 46.9 86.9
65 90.7 75.8 115.8

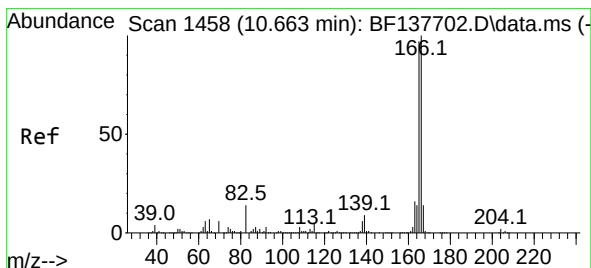
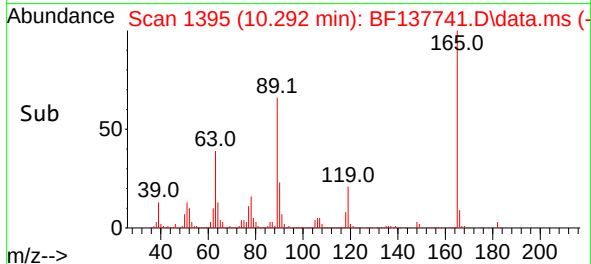
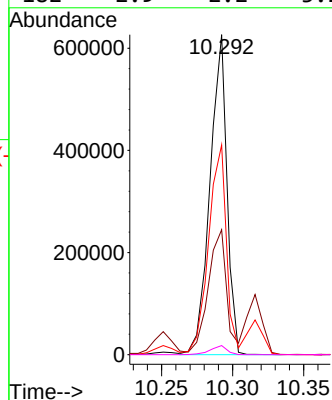
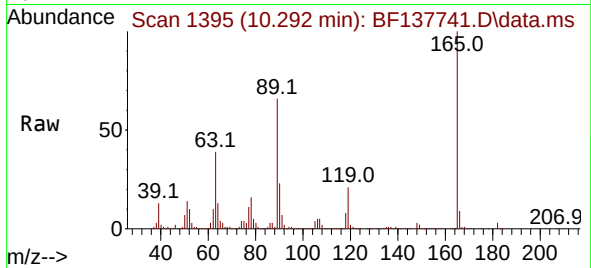




#57
2,4-Dinitrotoluene
Concen: 48.282 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

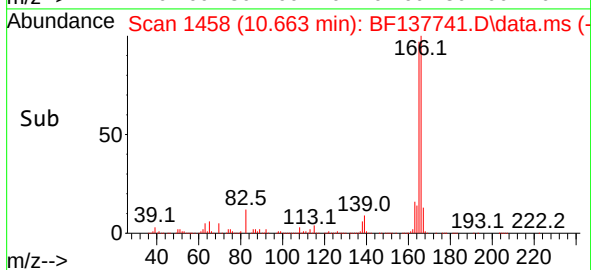
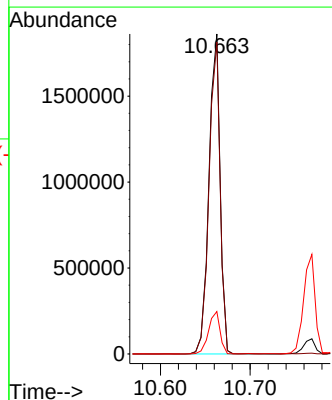
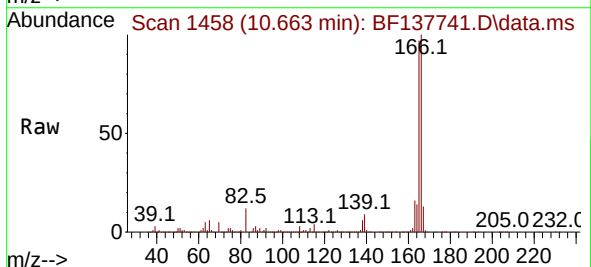
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

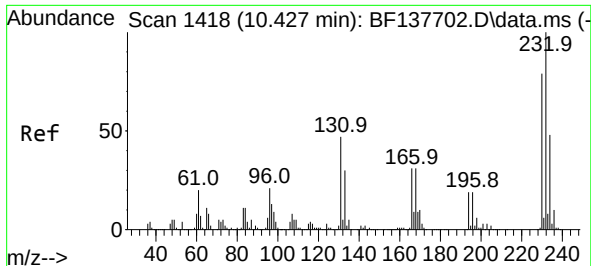
Tgt Ion:165 Resp: 520398
Ion Ratio Lower Upper
165 100
63 39.1 34.1 51.1
89 65.5 56.4 84.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 42.535 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:166 Resp: 1606697
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.6
167 13.3 10.8 16.2

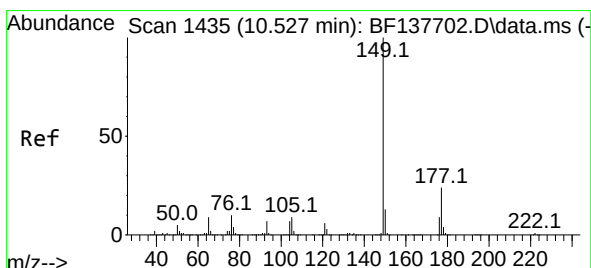
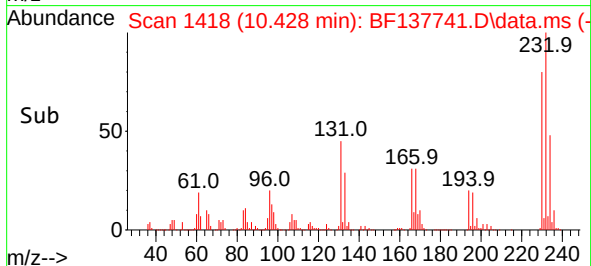
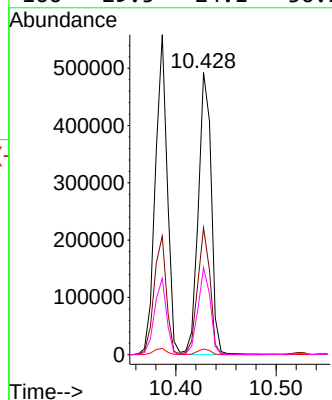
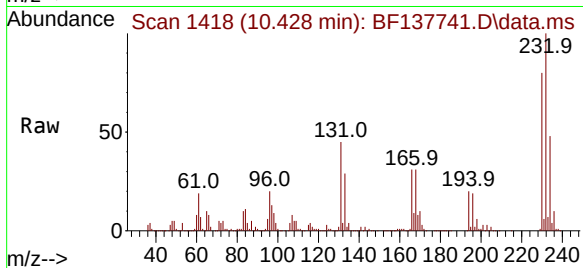




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.334 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

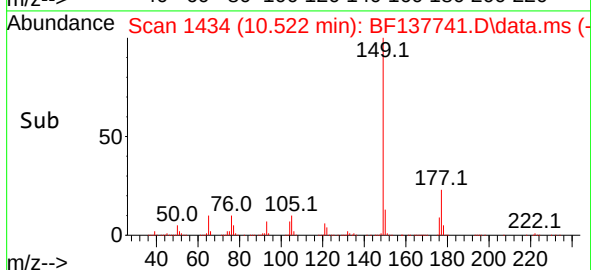
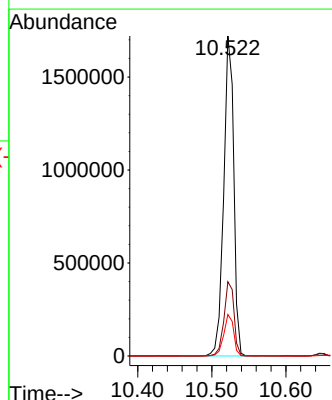
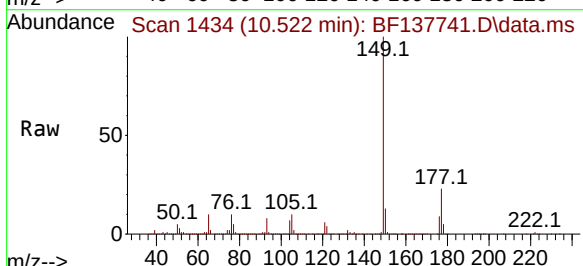
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

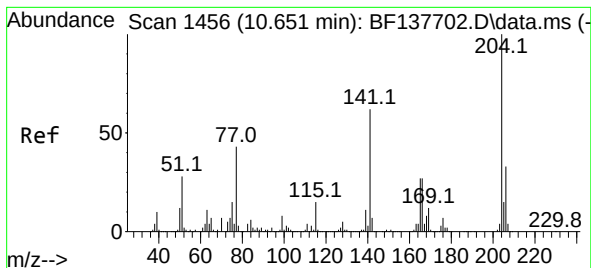
Tgt Ion:232 Resp: 440679
Ion Ratio Lower Upper
232 100
131 43.1 36.4 54.6
130 2.1 1.8 2.6
166 29.5 24.1 36.1



#60
Diethylphthalate
Concen: 41.543 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:149 Resp: 1621338
Ion Ratio Lower Upper
149 100
177 23.2 19.0 28.4
150 13.0 10.2 15.2

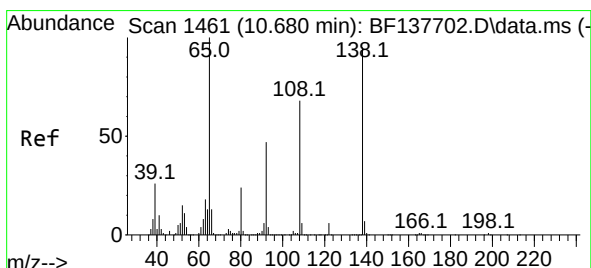
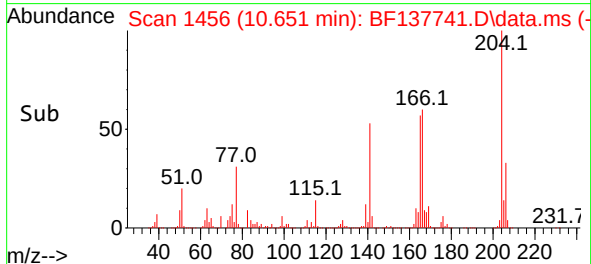
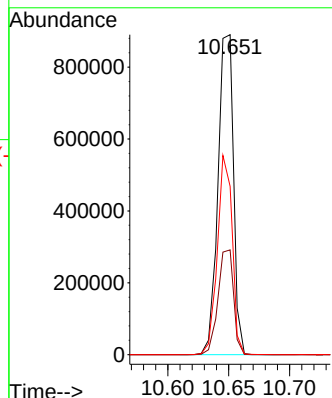
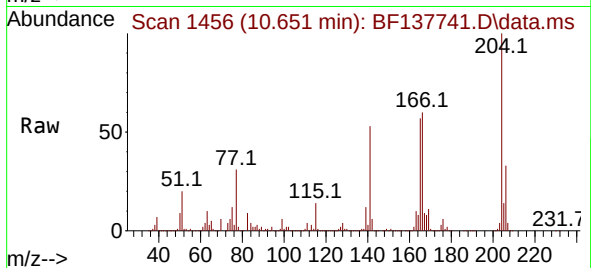




#61
4-Chlorophenyl-phenylether
Concen: 42.406 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

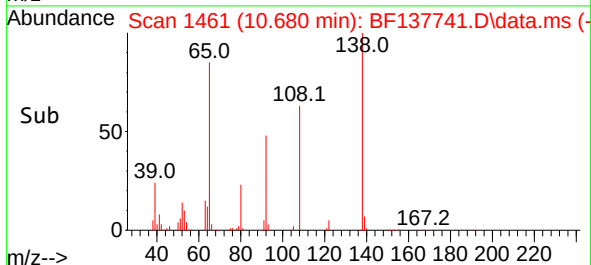
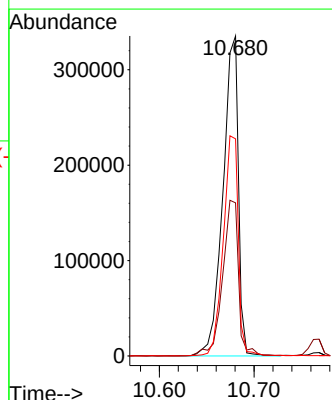
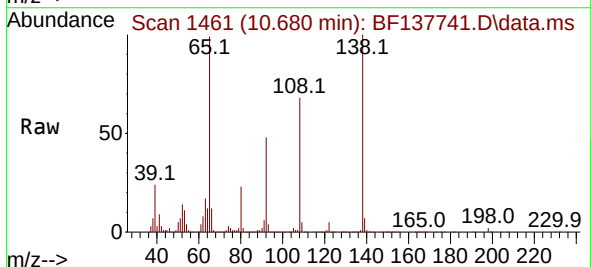
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

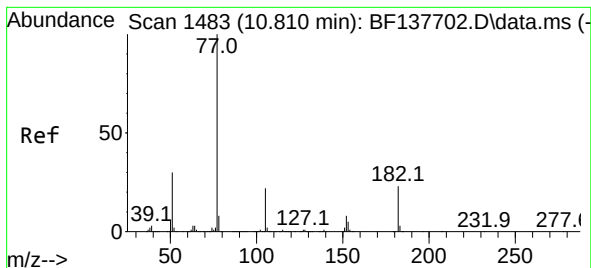
Tgt Ion:204 Resp: 791488
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 52.6 49.4 74.2



#62
4-Nitroaniline
Concen: 41.644 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:138 Resp: 381096
Ion Ratio Lower Upper
138 100
92 47.8 29.8 69.8
108 67.8 51.1 91.1





#63

Azobenzene

Concen: 40.443 ng

RT: 10.810 min Scan# 1483

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion: 77 Resp: 1617434

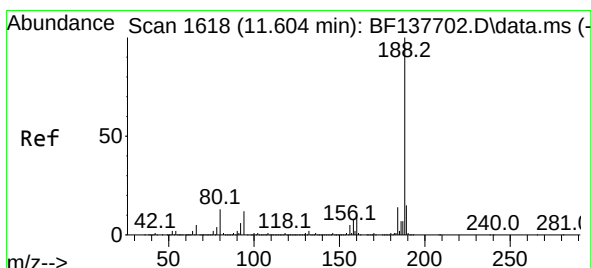
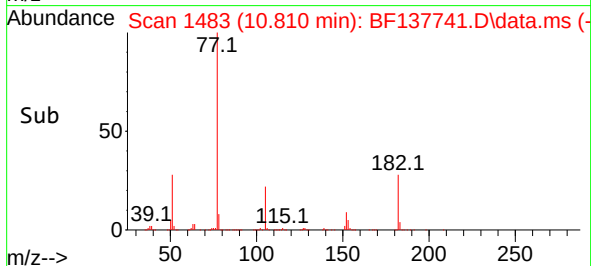
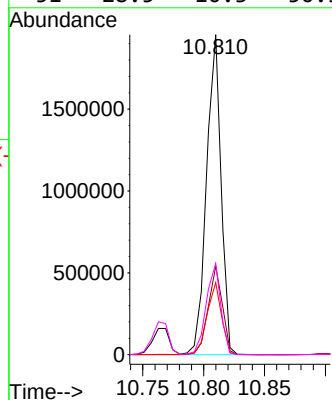
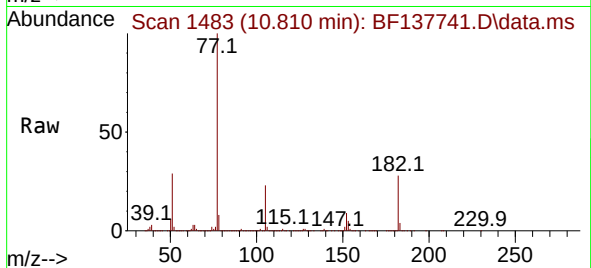
Ion Ratio Lower Upper

77 100

182 27.6 3.1 43.1

105 22.5 1.6 41.6

51 28.5 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

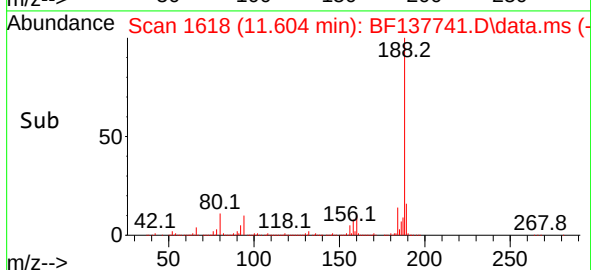
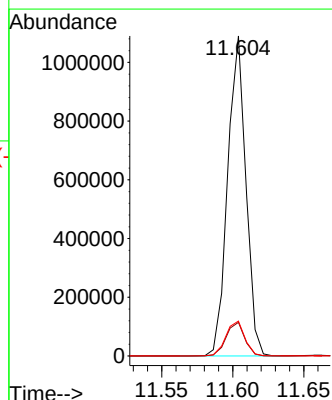
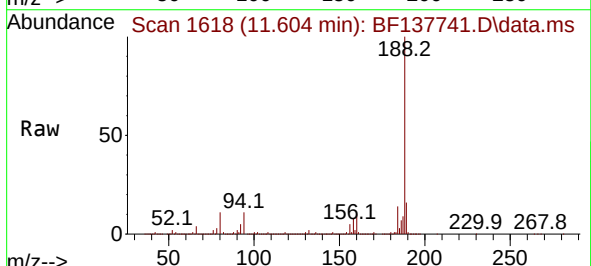
Tgt Ion: 188 Resp: 972666

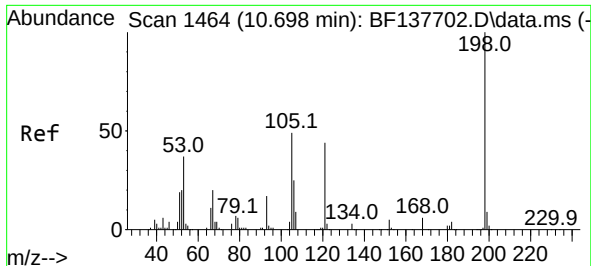
Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

80 10.9 10.2 15.4

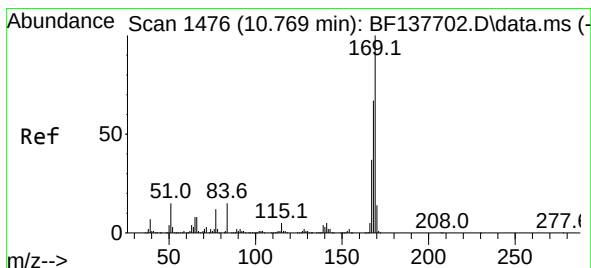
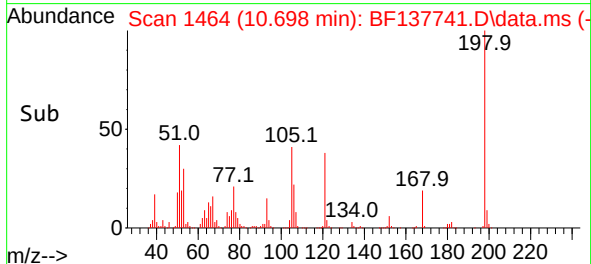
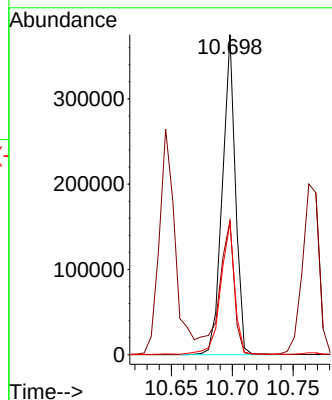
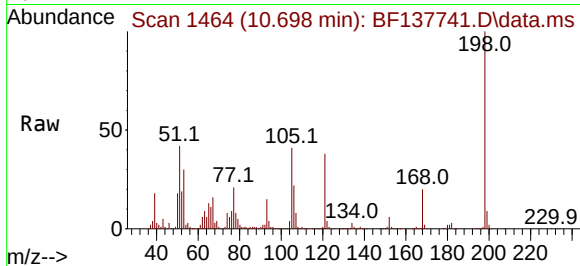




#65
4,6-Dinitro-2-methylphenol
Concen: 50.456 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

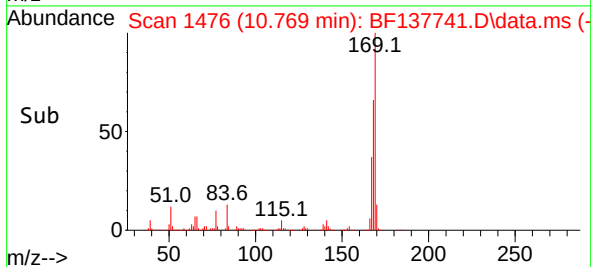
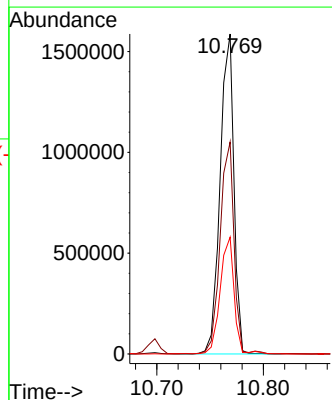
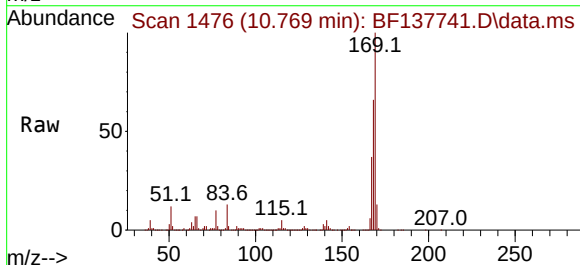
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

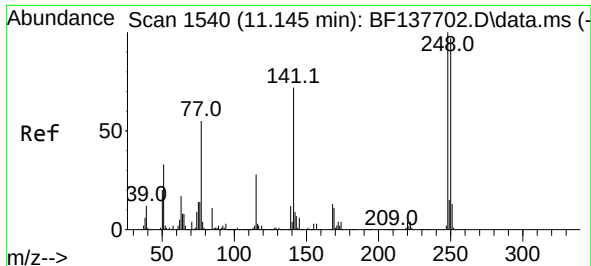
Tgt Ion:198 Resp: 281390
Ion Ratio Lower Upper
198 100
51 41.9 33.5 73.5
105 41.2 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 43.032 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:169 Resp: 1417601
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 36.5 29.6 44.4

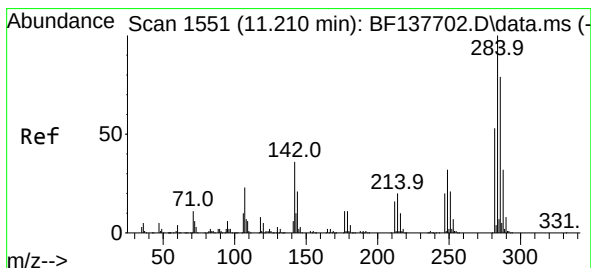
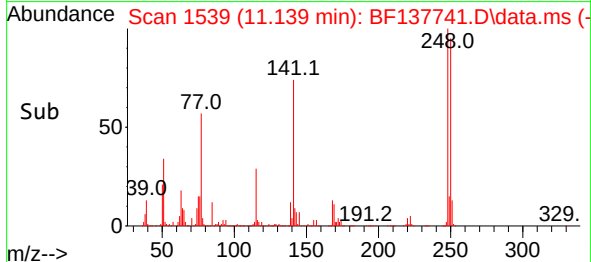
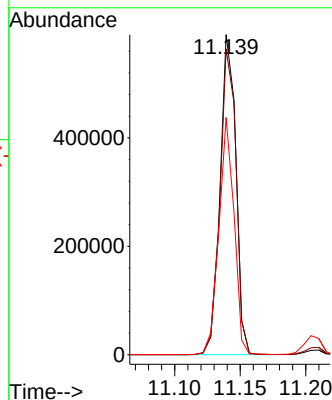
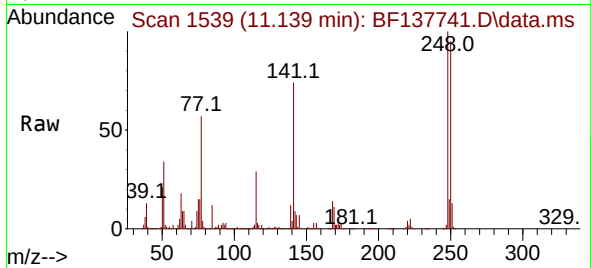




#67
4-Bromophenyl-phenylether
Concen: 43.745 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

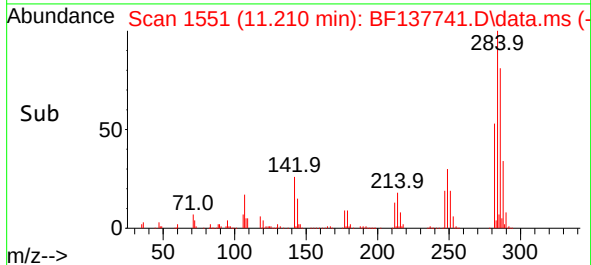
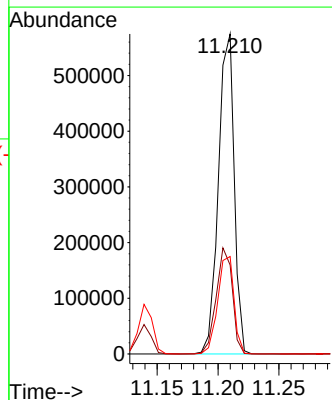
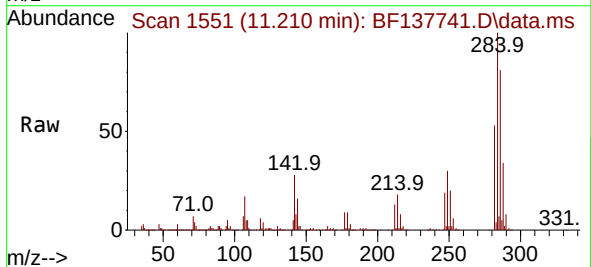
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

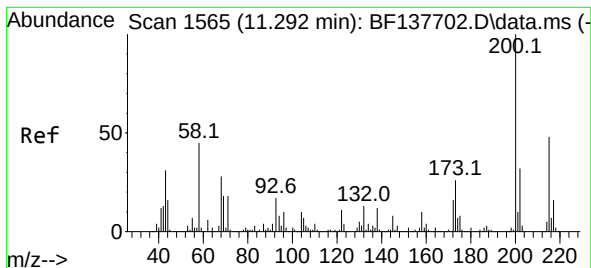
Tgt Ion:248 Resp: 493040
Ion Ratio Lower Upper
248 100
250 95.5 77.4 116.0
141 74.1 57.9 86.9



#68
Hexachlorobenzene
Concen: 47.293 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:284 Resp: 519276
Ion Ratio Lower Upper
284 100
142 27.8 28.5 42.7#
249 30.5 25.6 38.4





#69

Atrazine

Concen: 51.614 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

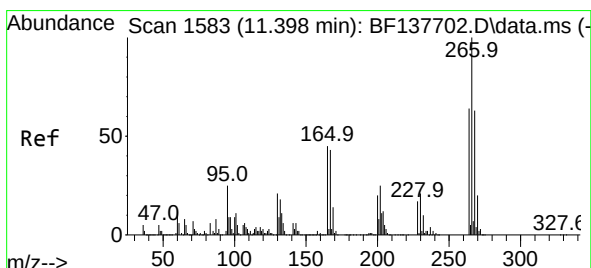
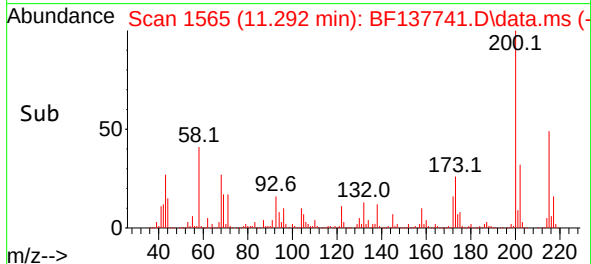
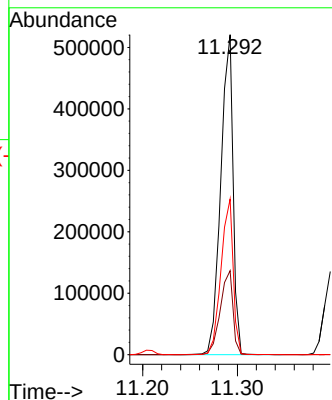
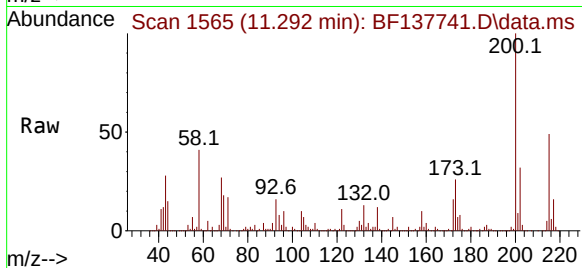
Tgt Ion:200 Resp: 470024

Ion Ratio Lower Upper

200 100

173 26.2 6.3 46.3

215 48.6 28.0 68.0



#70

Pentachlorophenol

Concen: 79.908 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

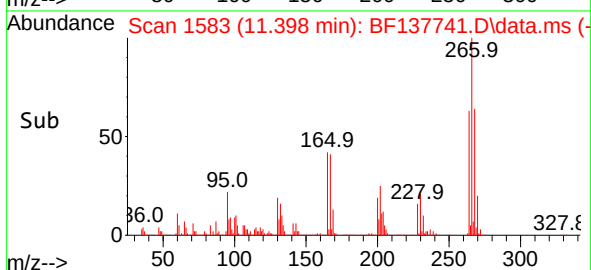
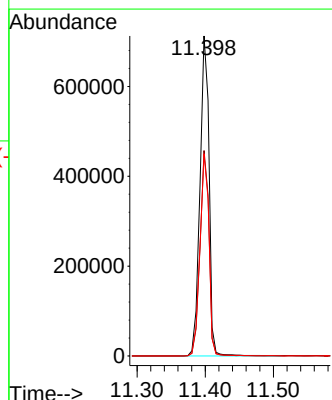
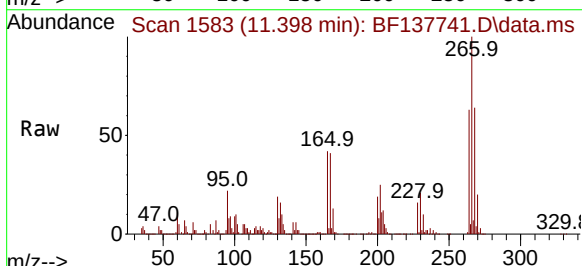
Tgt Ion:266 Resp: 660010

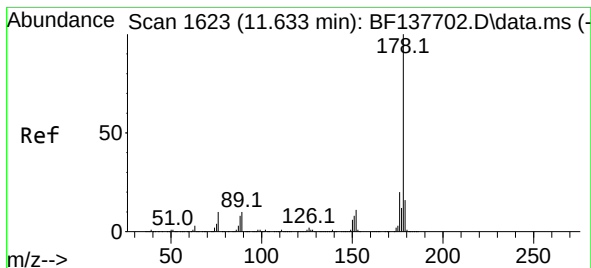
Ion Ratio Lower Upper

266 100

268 64.2 50.4 75.6

264 63.2 51.4 77.0





#71

Phenanthrene

Concen: 45.975 ng

RT: 11.633 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

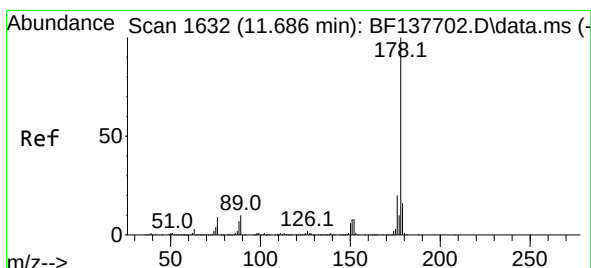
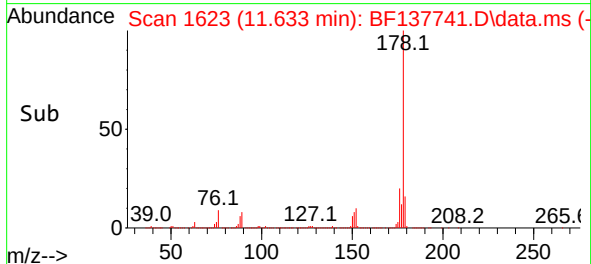
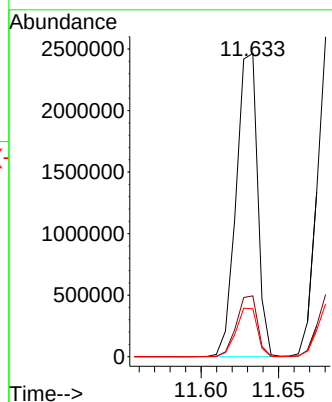
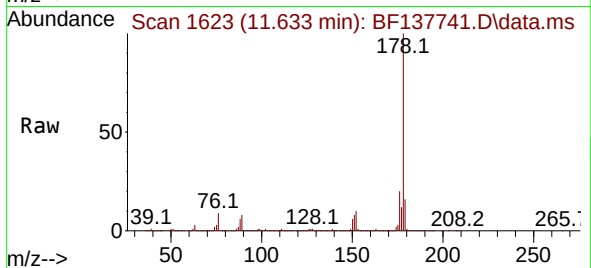
Tgt Ion:178 Resp: 2367196

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

179 15.8 12.8 19.2



#72

Anthracene

Concen: 43.039 ng

RT: 11.680 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

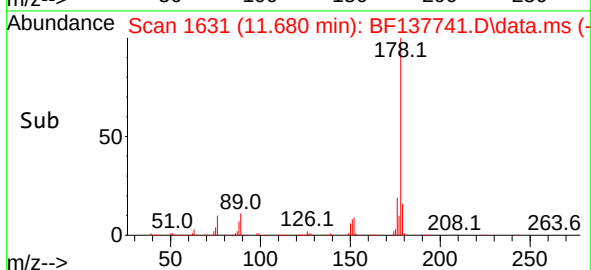
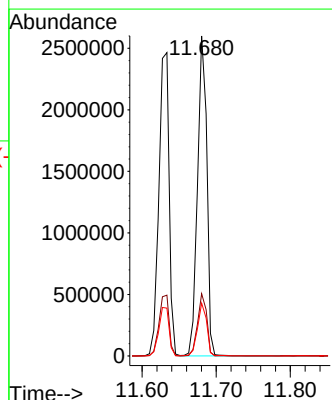
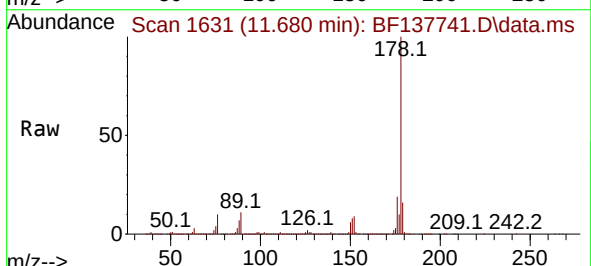
Tgt Ion:178 Resp: 2269194

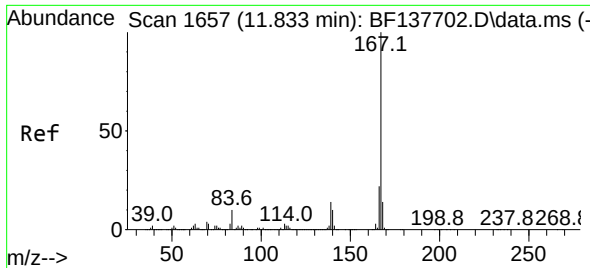
Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 16.5 13.0 19.6

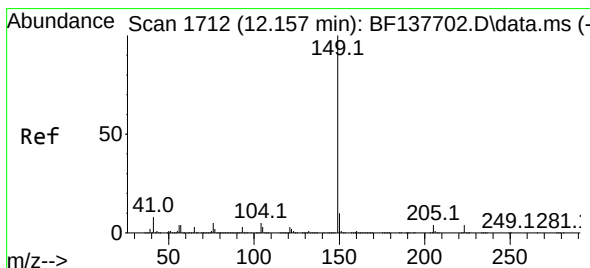
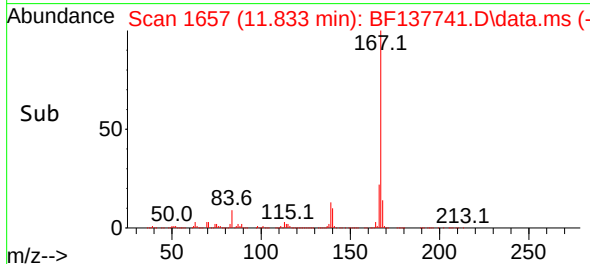
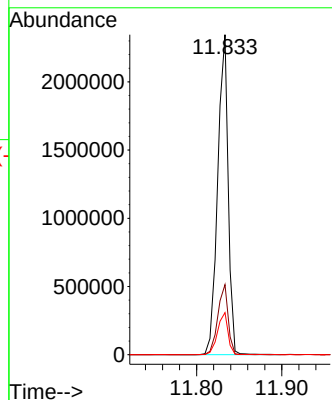
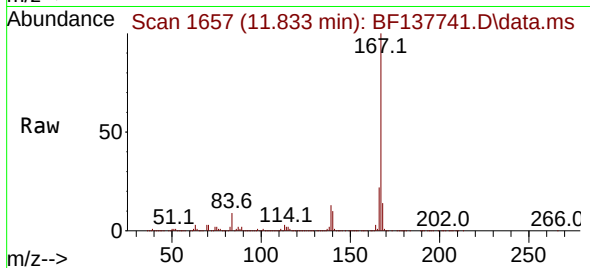




#73
 Carbazole
 Concen: 41.905 ng
 RT: 11.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137741.D
 Acq: 26 Apr 2024 18:25

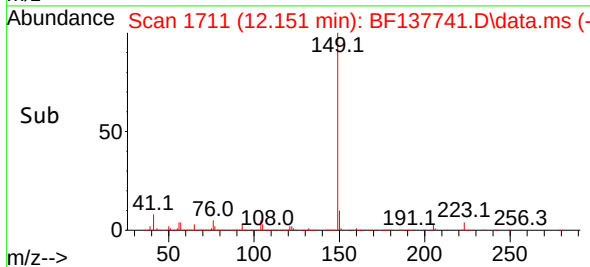
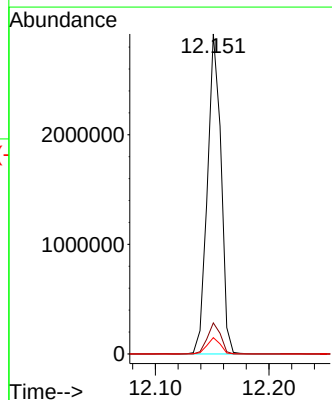
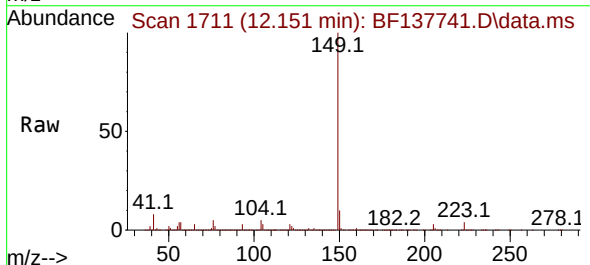
Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MSD

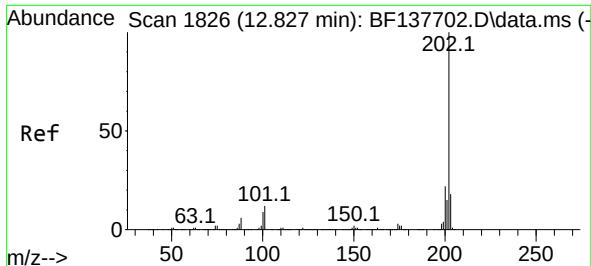
Tgt Ion:167 Resp: 2002304
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.2 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 41.494 ng
 RT: 12.151 min Scan# 1711
 Delta R.T. -0.006 min
 Lab File: BF137741.D
 Acq: 26 Apr 2024 18:25

Tgt Ion:149 Resp: 2416897
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.1 4.2 6.4

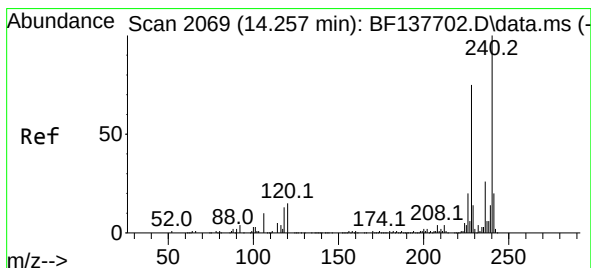
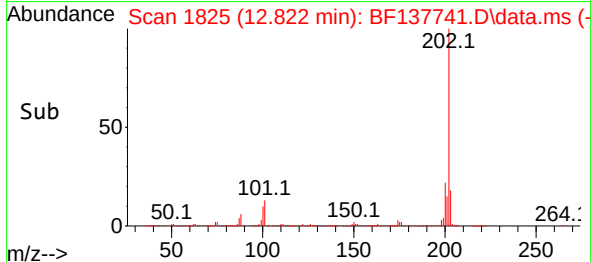
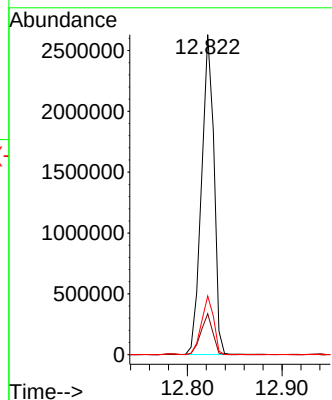
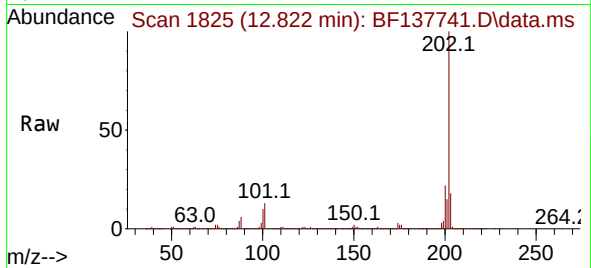




#75
Fluoranthene
Concen: 44.448 ng
RT: 12.822 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

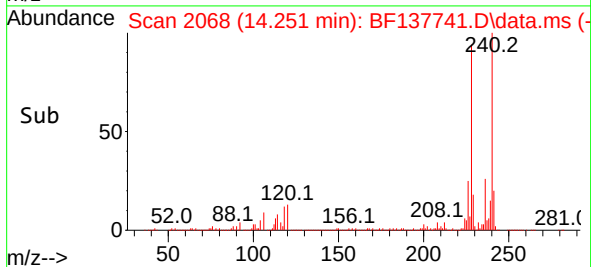
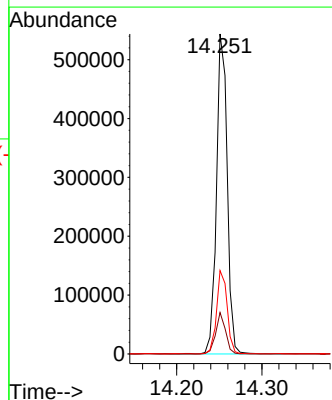
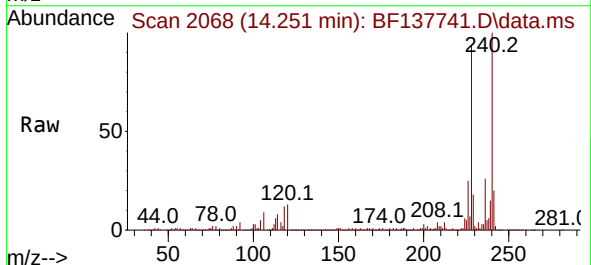
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

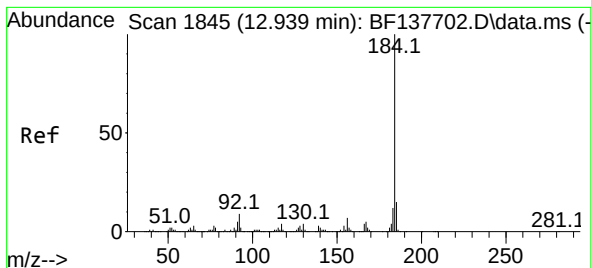
Tgt Ion:202 Resp: 2405537
Ion Ratio Lower Upper
202 100
101 12.8 0.0 32.2
203 18.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:240 Resp: 476679
Ion Ratio Lower Upper
240 100
120 12.9 11.9 17.9
236 26.1 20.8 31.2





#77

Benzidine

Concen: 73.530 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

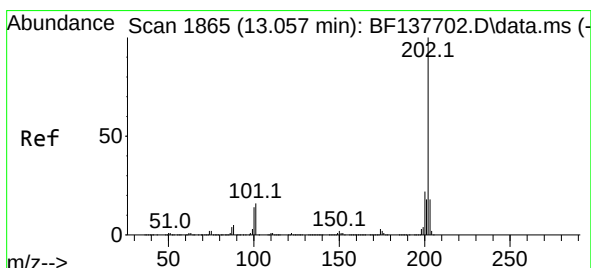
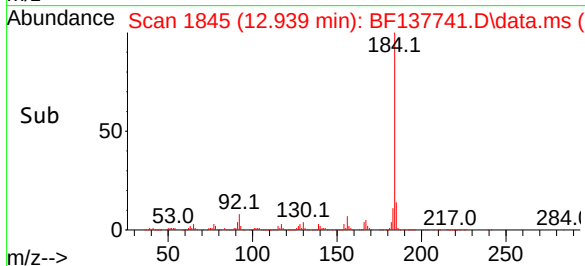
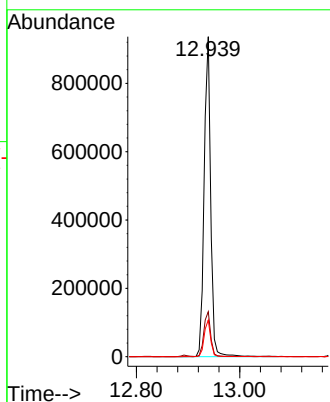
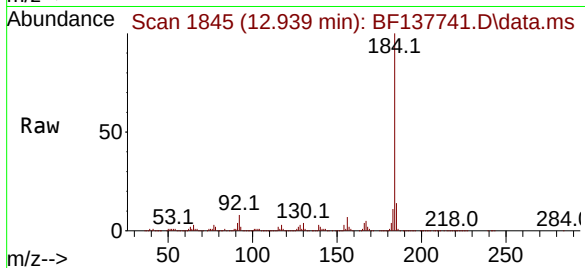
Tgt Ion:184 Resp: 818656

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.4

183 11.5 9.4 14.0



#78

Pyrene

Concen: 58.200 ng

RT: 13.057 min Scan# 1865

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

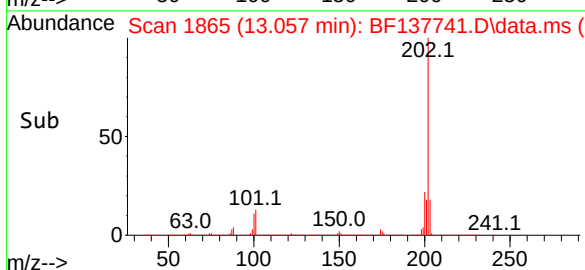
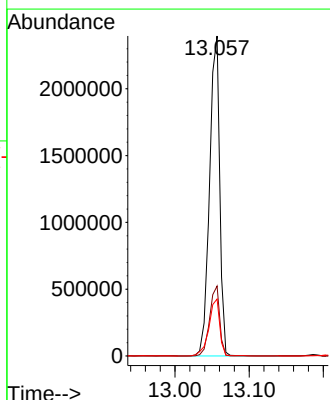
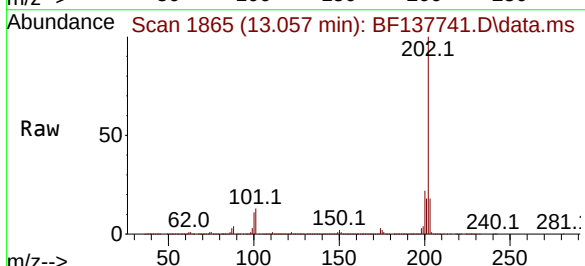
Tgt Ion:202 Resp: 2277099

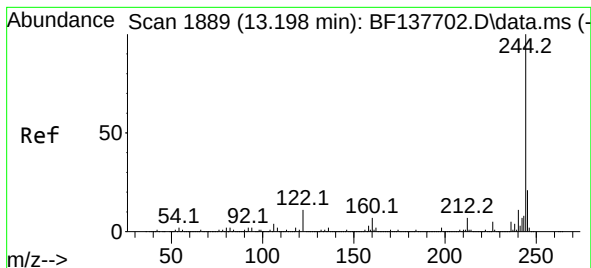
Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.6

203 17.8 14.6 21.8





#79

Terphenyl-d14

Concen: 87.576 ng

RT: 13.186 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

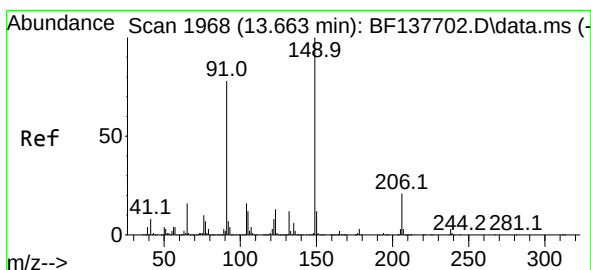
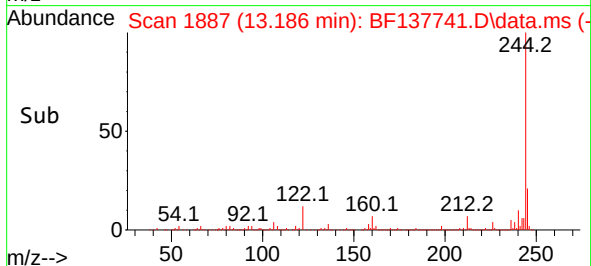
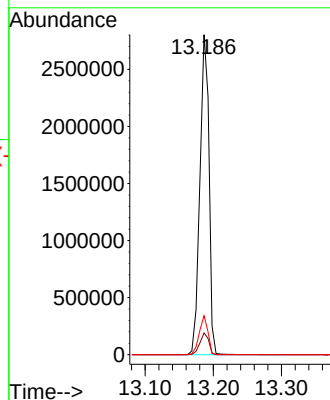
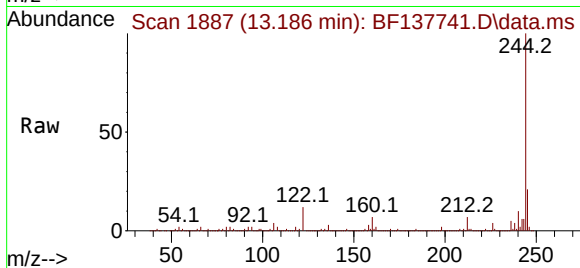
Tgt Ion:244 Resp: 2593618

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 12.2 8.8 13.2



#80

Butylbenzylphthalate

Concen: 56.023 ng

RT: 13.657 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

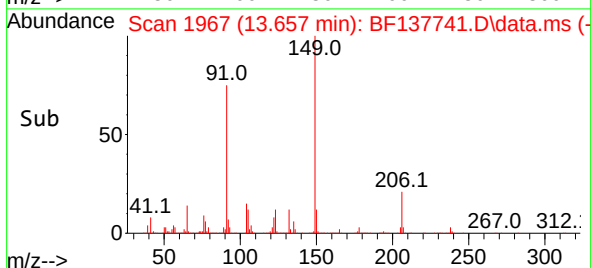
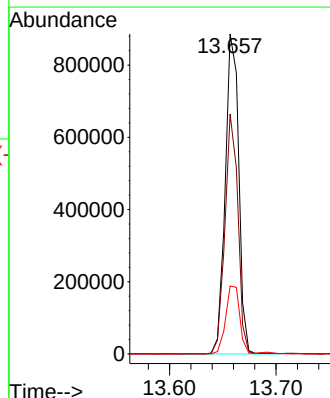
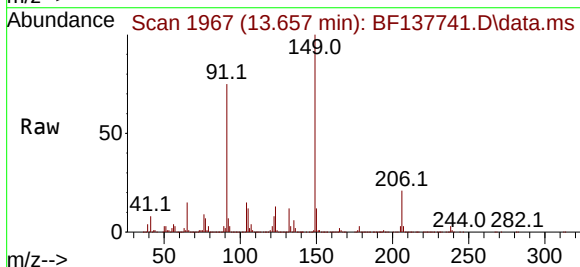
Tgt Ion:149 Resp: 777305

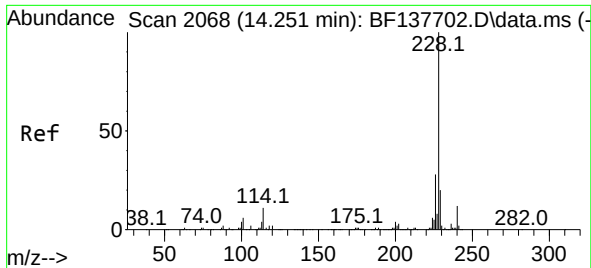
Ion Ratio Lower Upper

149 100

91 75.0 62.6 93.8

206 21.2 16.5 24.7

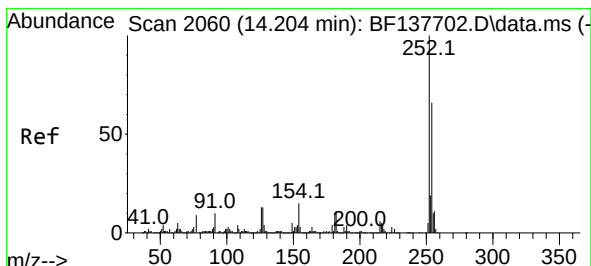
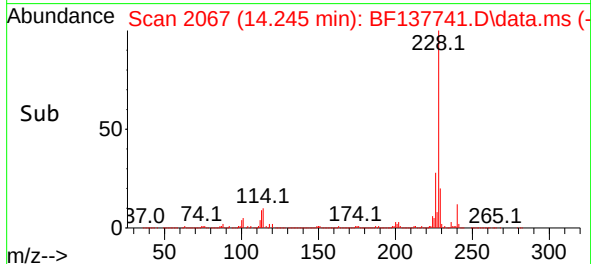
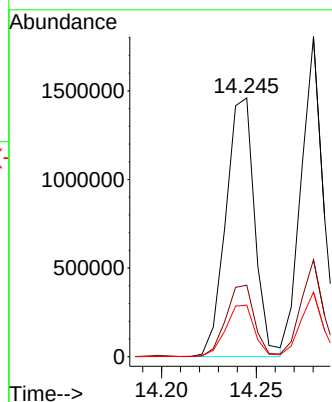
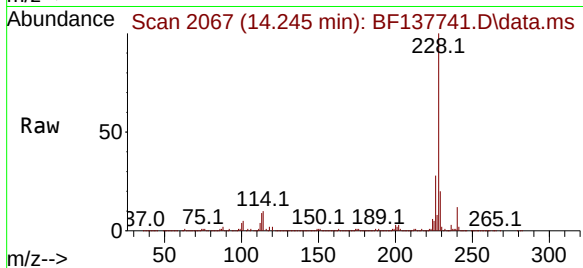




#81
Benzo(a)anthracene
Concen: 46.690 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

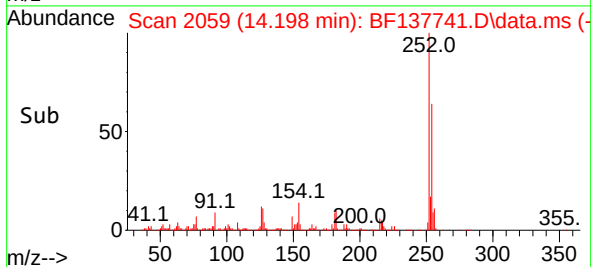
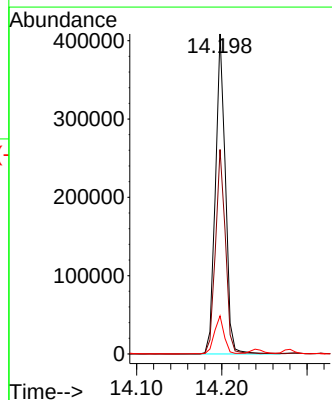
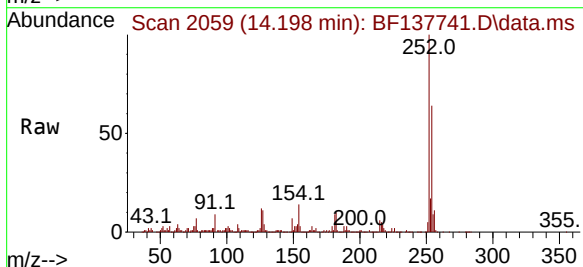
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

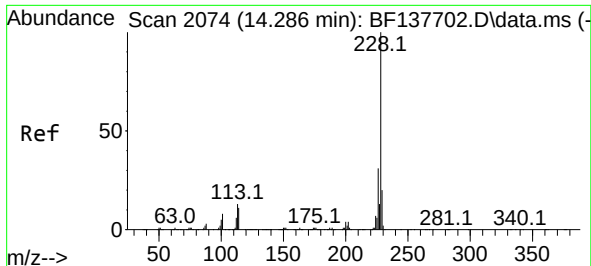
Tgt Ion:228 Resp: 1552325
Ion Ratio Lower Upper
228 100
226 27.7 22.7 34.1
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 32.332 ng
RT: 14.198 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:252 Resp: 332596
Ion Ratio Lower Upper
252 100
254 63.9 52.6 79.0
126 11.9 10.8 16.2

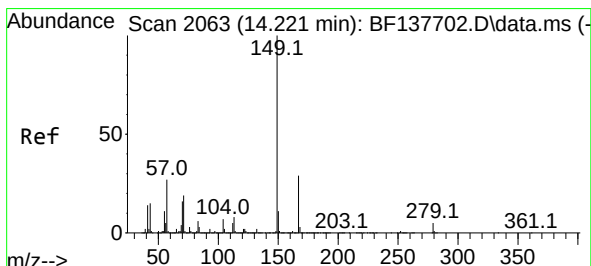
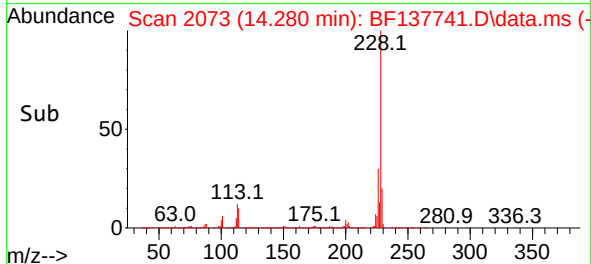
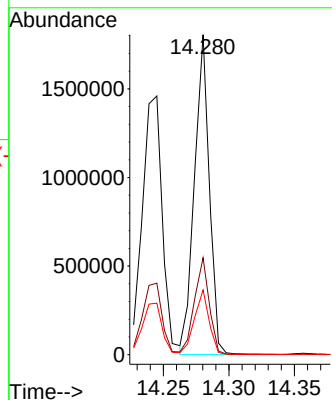
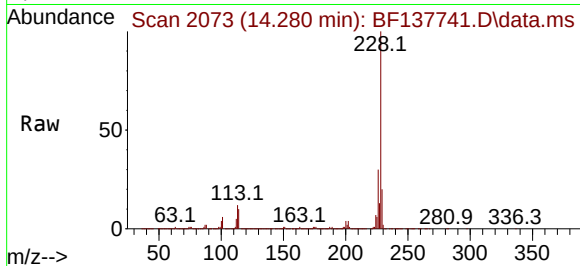




#83
Chrysene
Concen: 45.886 ng
RT: 14.280 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

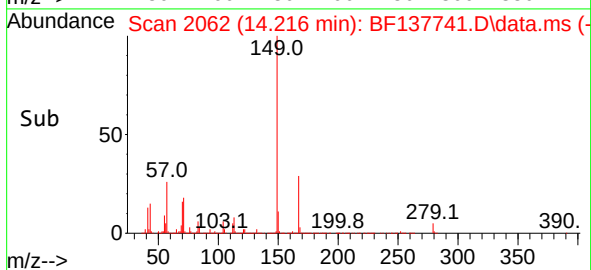
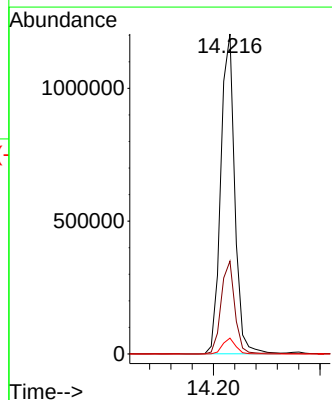
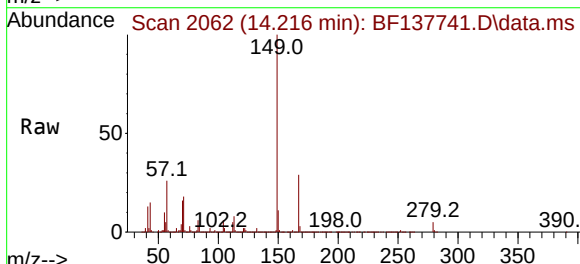
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

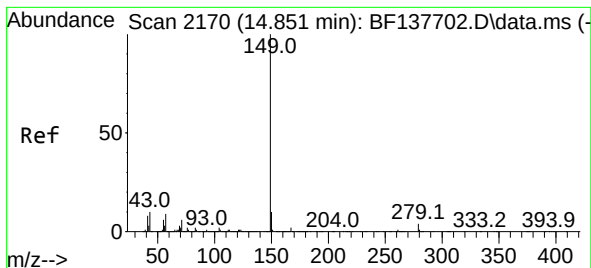
Tgt Ion:228 Resp: 1425458
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 20.2 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.377 ng
RT: 14.216 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:149 Resp: 1097488
Ion Ratio Lower Upper
149 100
167 29.0 23.4 35.0
279 5.0 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 49.616 ng

RT: 14.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

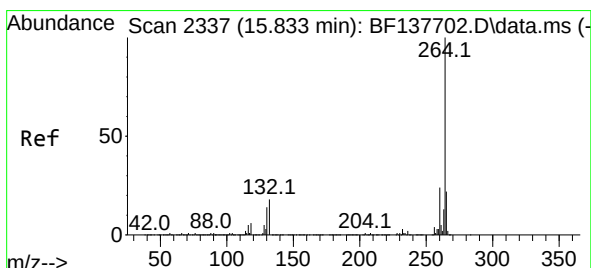
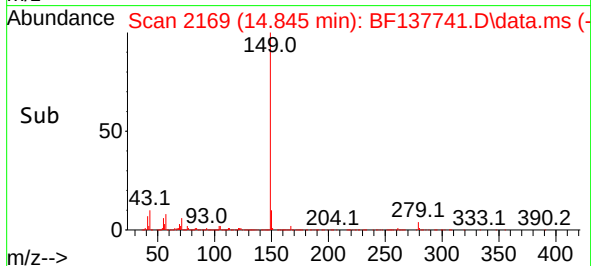
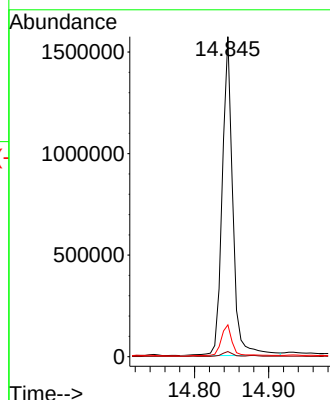
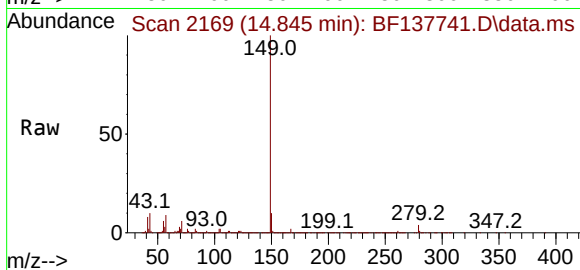
Tgt Ion:149 Resp: 1561658

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

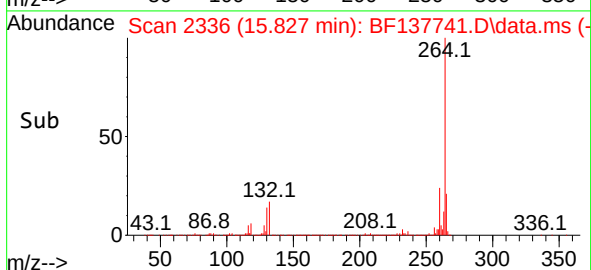
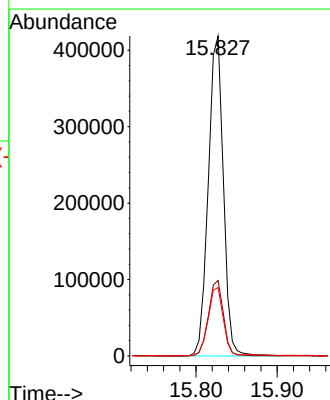
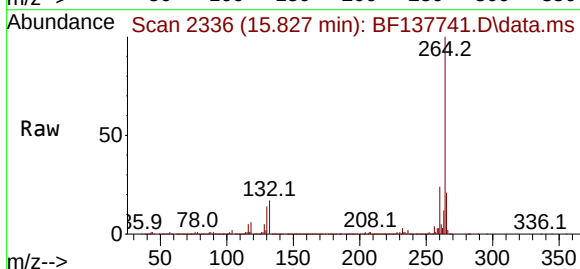
Tgt Ion:264 Resp: 540439

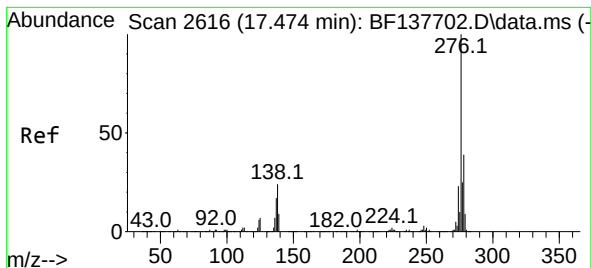
Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.775 ng

RT: 17.468 min Scan# 2

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

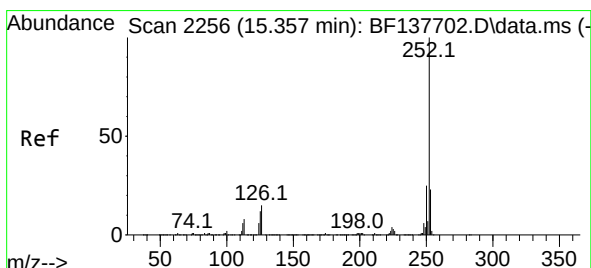
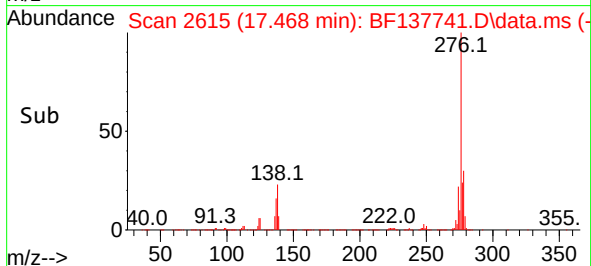
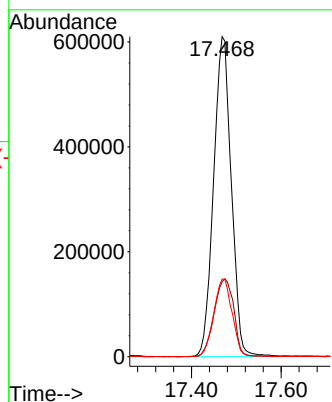
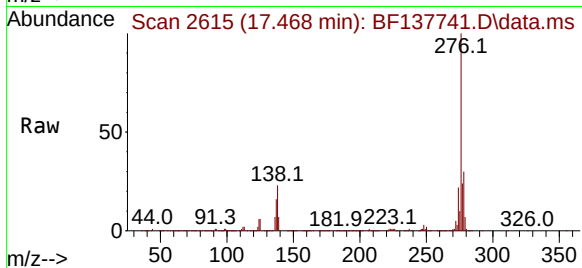
Tgt Ion:276 Resp: 1671350

Ion Ratio Lower Upper

276 100

138 27.0 22.3 33.5

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.588 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

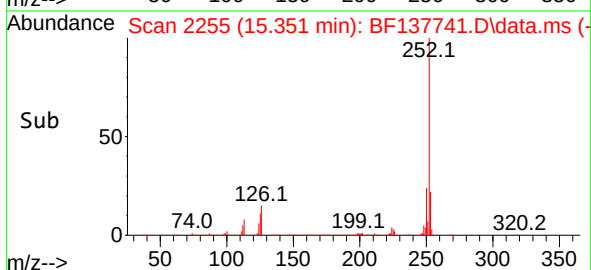
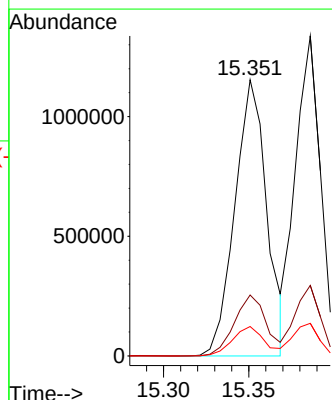
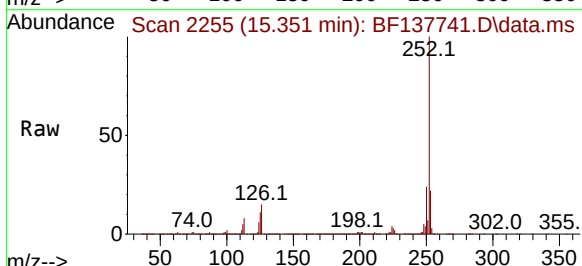
Tgt Ion:252 Resp: 1507412

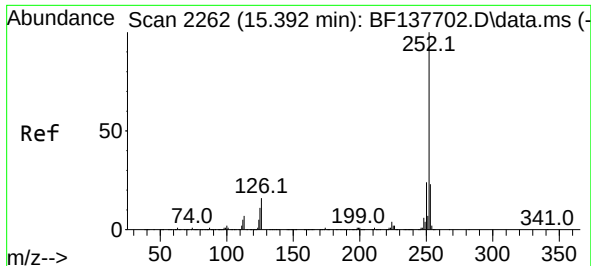
Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 10.7 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 40.488 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

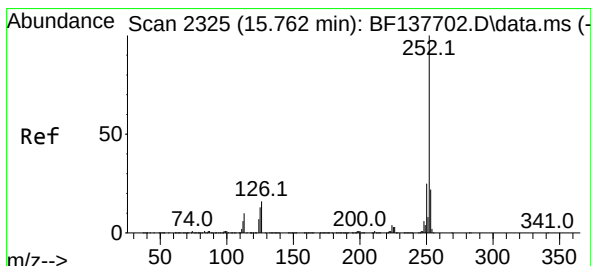
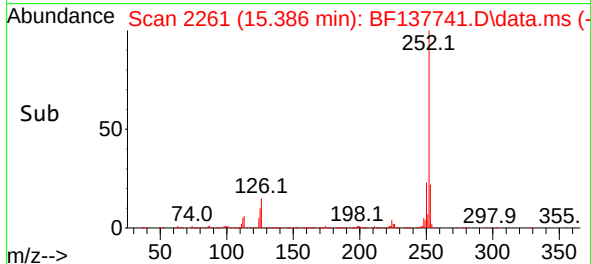
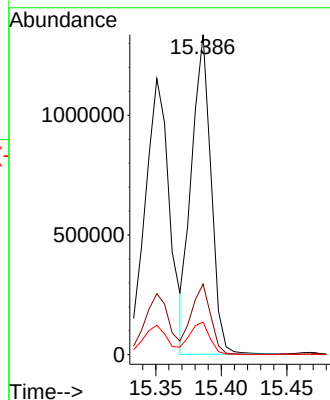
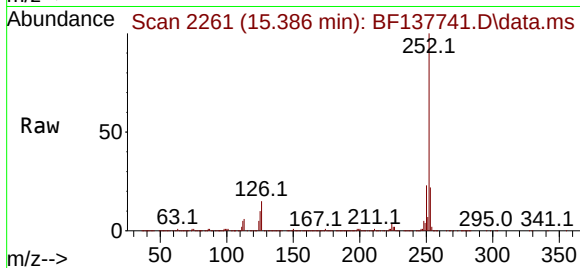
Tgt Ion:252 Resp: 1376372

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.2 9.0 13.6



#90

Benzo(a)pyrene

Concen: 44.771 ng

RT: 15.757 min Scan# 2324

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

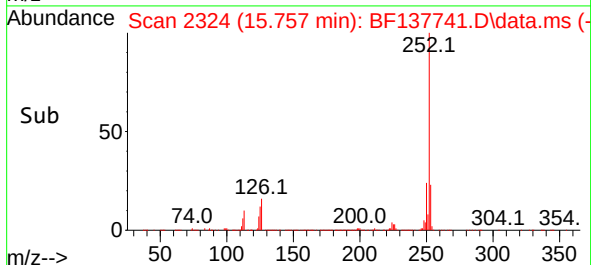
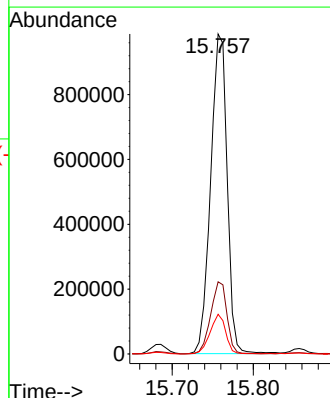
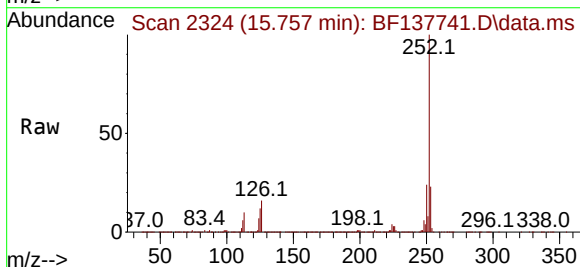
Tgt Ion:252 Resp: 1388958

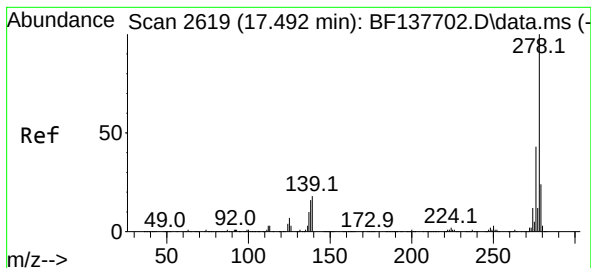
Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 12.4 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 54.249 ng

RT: 17.492 min Scan# 2619

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

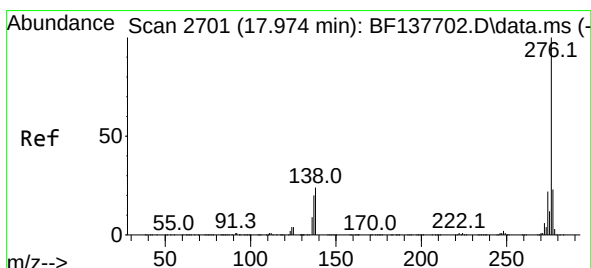
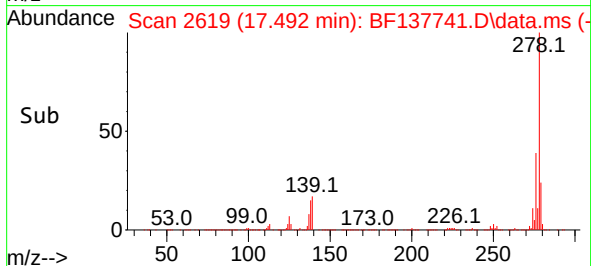
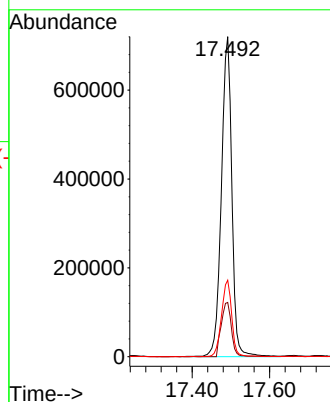
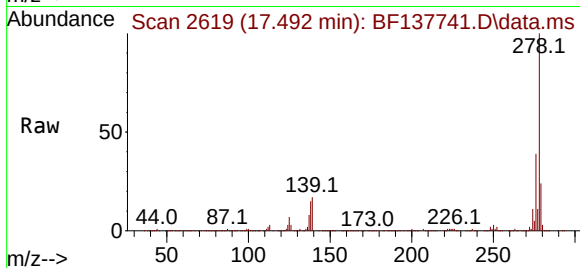
Tgt Ion:278 Resp: 1349025

Ion Ratio Lower Upper

278 100

139 17.0 14.7 22.1

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.701 ng

RT: 17.974 min Scan# 2701

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Tgt Ion:276 Resp: 1225993

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 22.2 19.5 29.3

