

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137204.D
 Acq On : 31 Jan 2024 11:58
 Operator : CG\JU
 Sample : PB158717BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158717BS

Quant Time: Feb 01 01:11:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	64003	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	256716	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	148764	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	296747	20.000	ng	0.00
76) Chrysene-d12	13.974	240	161894	20.000	ng	0.00
86) Perylene-d12	15.451	264	161771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	555811	143.295	ng	0.02
7) Phenol-d6	6.434	99	744328	134.467	ng	0.00
23) Nitrobenzene-d5	7.357	82	512459	89.374	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	231476	137.778	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	921301	85.134	ng	0.00
79) Terphenyl-d14	12.921	244	1063936	89.340	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	70624	34.029	ng	97
3) Pyridine	3.416	79	152765	37.092	ng	98
4) n-Nitrosodimethylamine	3.387	42	90935	43.626	ng	89
6) Aniline	6.463	93	160332	27.058	ng	94
8) 2-Chlorophenol	6.581	128	201498	46.461	ng	96
9) Benzaldehyde	6.351	77	6481	3.074	ng	98
10) Phenol	6.445	94	271843	43.997	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	193360	46.828	ng	99
12) 1,3-Dichlorobenzene	6.734	146	219072	43.083	ng	99
13) 1,4-Dichlorobenzene	6.810	146	230046	43.745	ng	99
14) 1,2-Dichlorobenzene	6.963	146	212826	43.284	ng	99
15) Benzyl Alcohol	6.939	79	194729	49.517	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	308568	41.484	ng	96
17) 2-Methylphenol	7.051	107	171154	47.238	ng	98
18) Hexachloroethane	7.304	117	81328	42.880	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	164607	43.371	ng	98
20) 3+4-Methylphenols	7.204	107	214694	46.807	ng	90
22) Acetophenone	7.204	105	319182	46.183	ng	99
24) Nitrobenzene	7.375	77	248165	44.592	ng	99
25) Isophorone	7.616	82	456433	43.126	ng	98
26) 2-Nitrophenol	7.692	139	96578	44.987	ng	98
27) 2,4-Dimethylphenol	7.728	122	151995	50.245	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	255851	45.522	ng	99
29) 2,4-Dichlorophenol	7.928	162	175175	46.678	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	199450	42.787	ng	97
31) Naphthalene	8.092	128	598364	43.115	ng	99
32) Benzoic acid	7.869	122	98454	46.564	ng	98
33) 4-Chloroaniline	8.145	127	44510	9.324	ng	98
34) Hexachlorobutadiene	8.210	225	135651	43.765	ng	98
35) Caprolactam	8.516	113	29688	25.442	ng	95
36) 4-Chloro-3-methylphenol	8.628	107	205954	46.465	ng	99
37) 2-Methylnaphthalene	8.786	142	399936	42.984	ng	100
38) 1-Methylnaphthalene	8.886	142	383319	44.356	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	219984	44.193	ng	98
41) Hexachlorocyclopentadiene	8.939	237	267775	112.945	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	131408	46.543	ng	99

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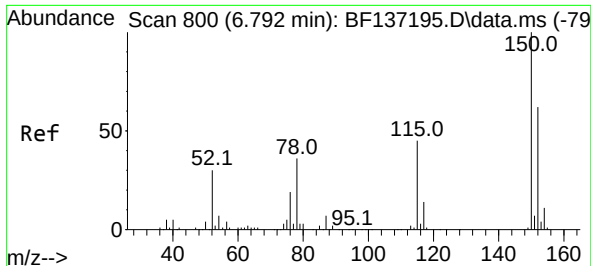
Quant Time: Feb 01 01:11:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	139349	45.153	ng	98
46) 1,1'-Biphenyl	9.251	154	526846	44.512	ng	99
47) 2-Chloronaphthalene	9.275	162	384200	43.861	ng	98
48) 2-Nitroaniline	9.375	65	133678	47.151	ng	95
49) Acenaphthylene	9.692	152	619741	44.195	ng	99
50) Dimethylphthalate	9.563	163	460947	45.865	ng	98
51) 2,6-Dinitrotoluene	9.622	165	101839	47.520	ng	86
52) Acenaphthene	9.863	154	363069	44.053	ng	99
53) 3-Nitroaniline	9.786	138	45569	23.628	ng	96
54) 2,4-Dinitrophenol	9.892	184	94317	96.137	ng	93
55) Dibenzofuran	10.039	168	573914	43.770	ng	99
56) 4-Nitrophenol	9.957	139	138323	101.340	ng	98
57) 2,4-Dinitrotoluene	10.022	165	141673	50.948	ng	98
58) Fluorene	10.380	166	448338	43.615	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	130246	45.358	ng	96
60) Diethylphthalate	10.263	149	456886	46.170	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	220737	43.202	ng	97
62) 4-Nitroaniline	10.410	138	78541	42.546	ng	99
63) Azobenzene	10.539	77	485414	44.292	ng	94
65) 4,6-Dinitro-2-methylph...	10.427	198	66642	43.032	ng	97
66) n-Nitrosodiphenylamine	10.498	169	393987	43.665	ng	96
67) 4-Bromophenyl-phenylether	10.869	248	148180	45.413	ng	95
68) Hexachlorobenzene	10.927	284	159879	43.867	ng	92
69) Atrazine	11.033	200	144815	48.619	ng	97
70) Pentachlorophenol	11.122	266	198176	94.854	ng	98
71) Phenanthrene	11.345	178	674212	43.399	ng	98
72) Anthracene	11.398	178	695256	42.938	ng	99
73) Carbazole	11.557	167	593599	43.866	ng	99
74) Di-n-butylphthalate	11.892	149	698106	47.724	ng	100
75) Fluoranthene	12.539	202	700643	43.100	ng	99
77) Benzidine	12.669	184	82326	28.399	ng	98
78) Pyrene	12.769	202	697341	44.822	ng	100
80) Butylbenzylphthalate	13.404	149	203032	51.014	ng	98
81) Benzo(a)anthracene	13.963	228	513225	44.763	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	85902	27.500	ng	95
83) Chrysene	14.004	228	496237	44.024	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	252388	54.508	ng	100
85) Di-n-octyl phthalate	14.586	149	415942	56.496	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	517334	45.519	ng	99
88) Benzo(b)fluoranthene	15.021	252	444108	44.640	ng	99
89) Benzo(k)fluoranthene	15.051	252	460633	43.767	ng	99
90) Benzo(a)pyrene	15.392	252	408783	43.662	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	428691	47.074	ng	98
92) Benzo(g,h,i)perylene	17.409	276	418489	46.821	ng	99

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

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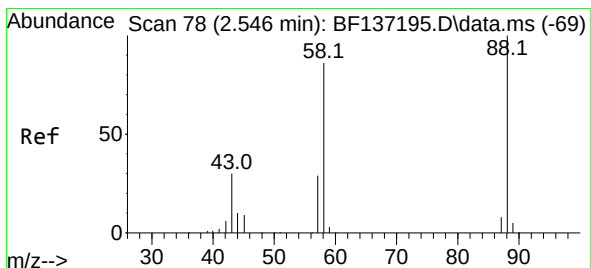
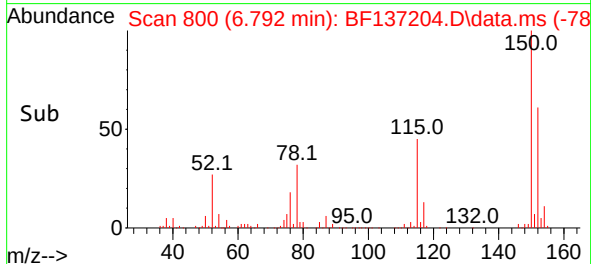
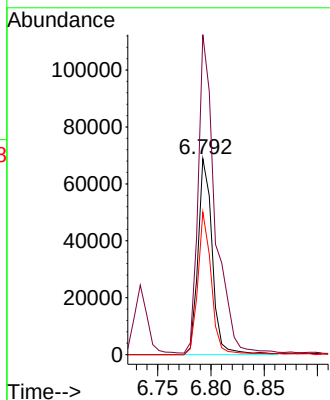
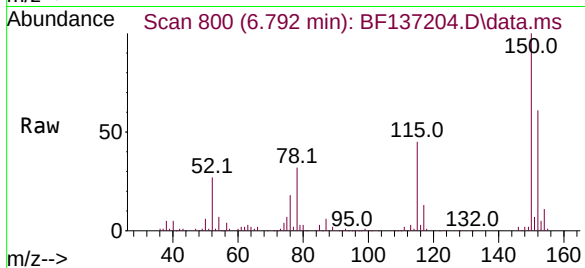




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

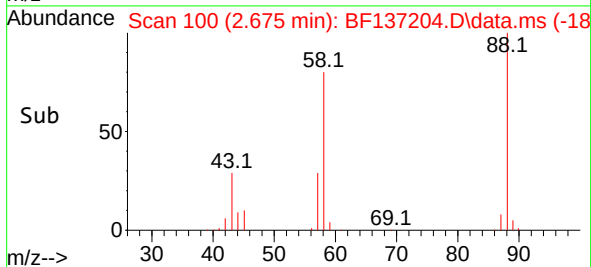
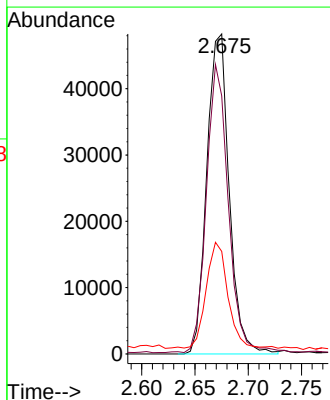
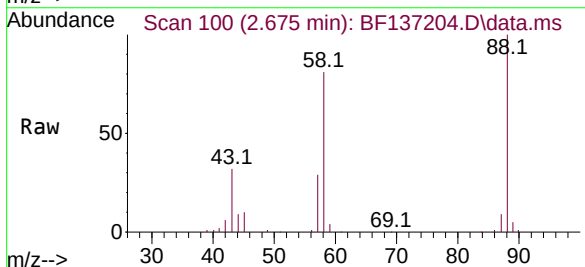
Instrument :
BNA_F
ClientSampleId :
PB158717BS

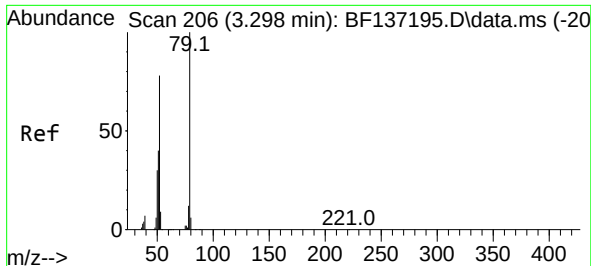
Tgt Ion:152 Resp: 64003
Ion Ratio Lower Upper
152 100
150 163.3 129.8 194.8
115 72.7 58.5 87.7



#2
1,4-Dioxane
Concen: 34.029 ng
RT: 2.675 min Scan# 100
Delta R.T. 0.129 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 88 Resp: 70624
Ion Ratio Lower Upper
88 100
58 88.3 67.8 101.8
43 34.1 26.6 40.0

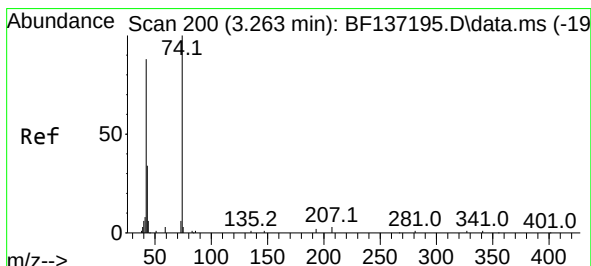
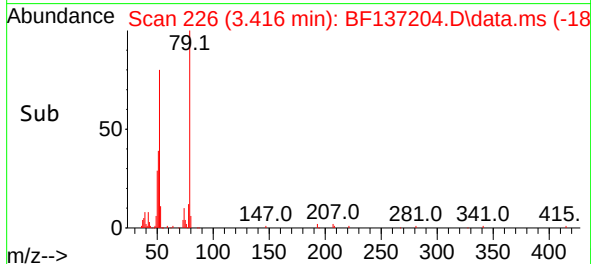
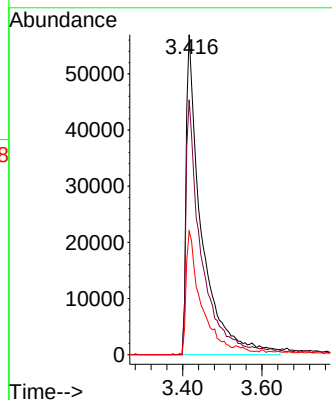
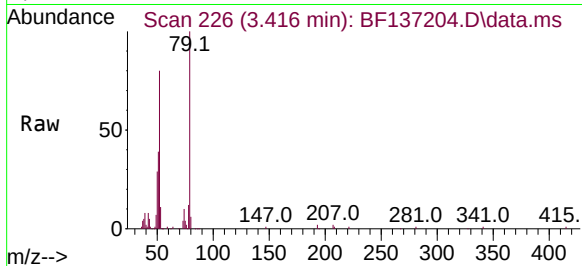




#3
Pyridine
Concen: 37.092 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.118 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

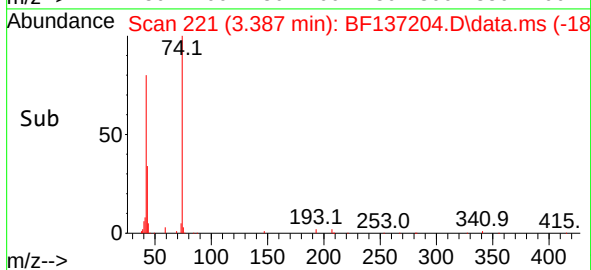
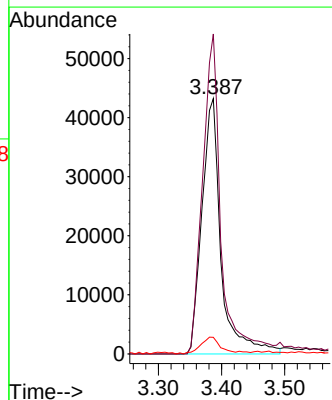
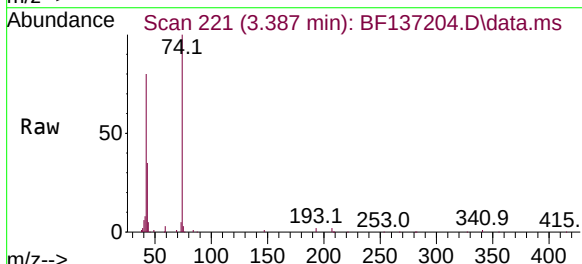
Instrument :
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ClientSampleId :
PB158717BS

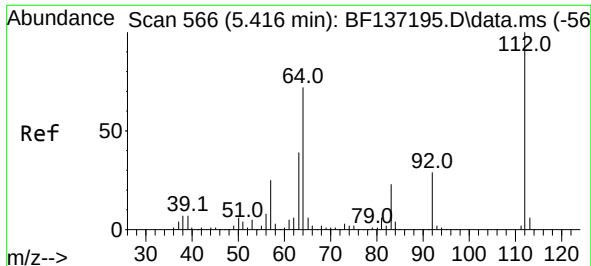
Tgt Ion: 79 Resp: 152765
Ion Ratio Lower Upper
79 100
52 79.6 62.6 94.0
51 38.5 33.0 49.4



#4
n-Nitrosodimethylamine
Concen: 43.626 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.124 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 42 Resp: 90935
Ion Ratio Lower Upper
42 100
74 125.4 90.5 135.7
44 6.5 6.1 9.1

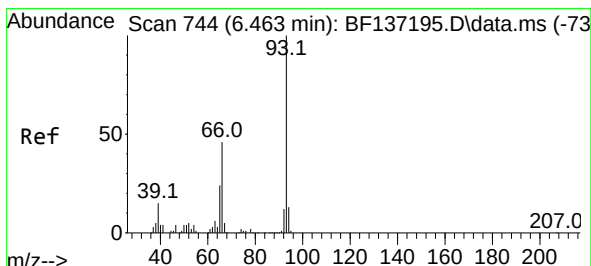
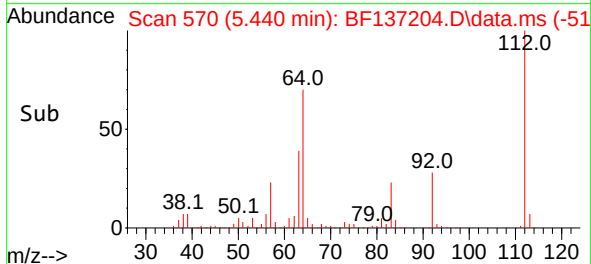
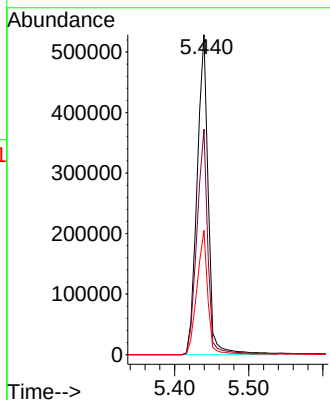
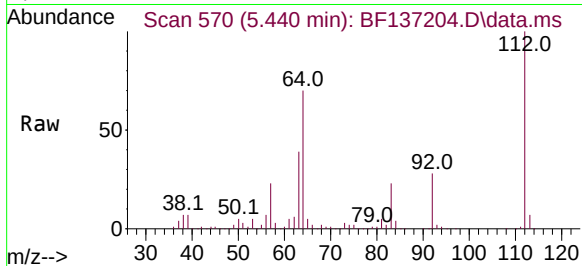




#5
2-Fluorophenol
Concen: 143.295 ng
RT: 5.440 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

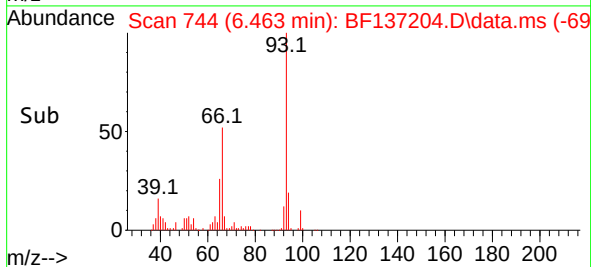
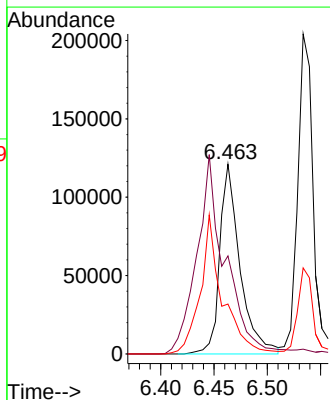
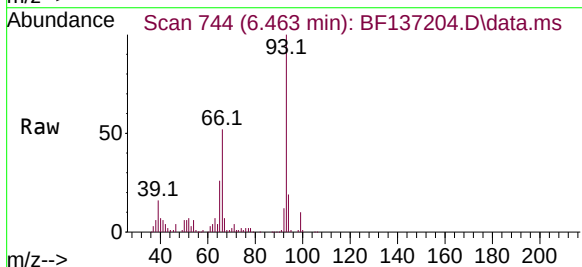
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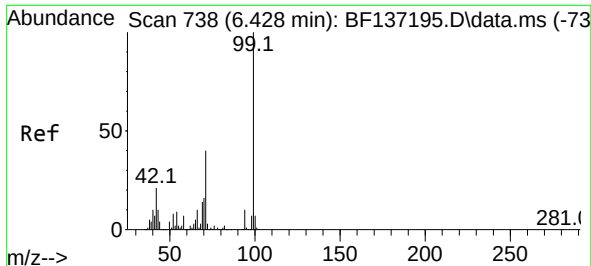
Tgt Ion:112 Resp: 555811
Ion Ratio Lower Upper
112 100
64 70.4 57.8 86.6
63 38.8 31.4 47.0



#6
Aniline
Concen: 27.058 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 93 Resp: 160332
Ion Ratio Lower Upper
93 100
66 51.7 37.9 56.9
65 26.3 19.0 28.4





#7

Phenol-d6

Concen: 134.467 ng

RT: 6.434 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

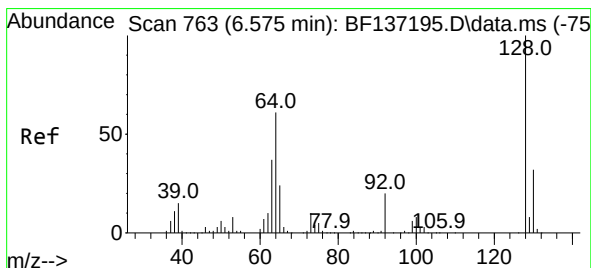
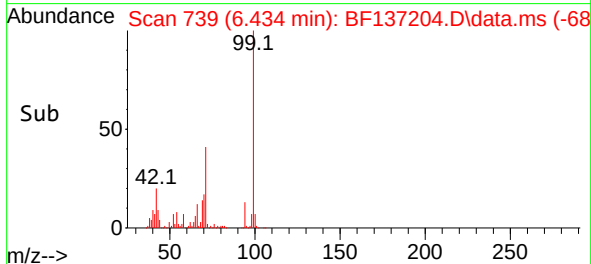
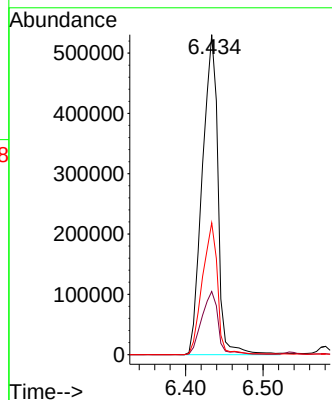
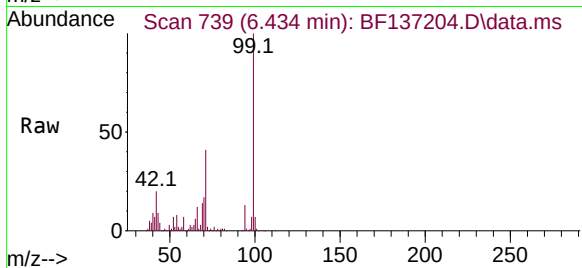
Tgt Ion: 99 Resp: 744328

Ion Ratio Lower Upper

99 100

42 19.7 16.4 24.6

71 41.2 32.4 48.6



#8

2-Chlorophenol

Concen: 46.461 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.006 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

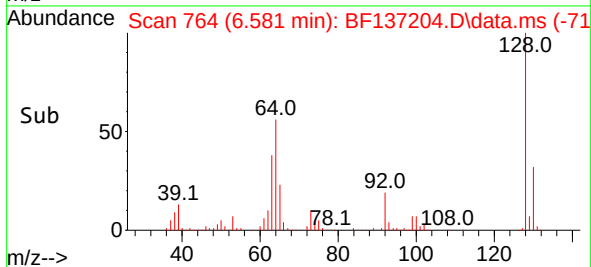
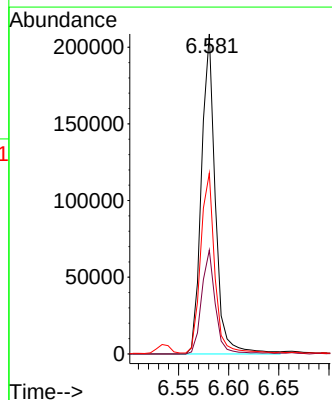
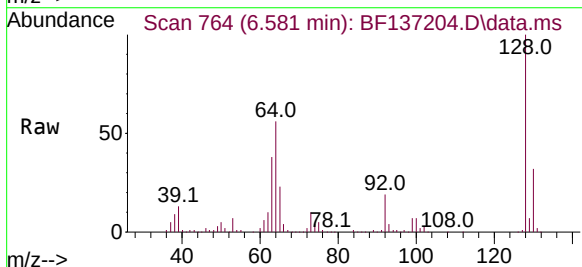
Tgt Ion: 128 Resp: 201498

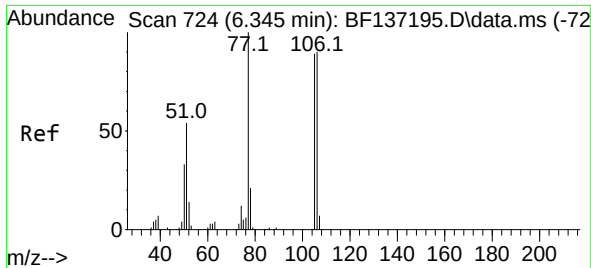
Ion Ratio Lower Upper

128 100

130 32.4 12.4 52.4

64 56.5 41.6 81.6





#9

Benzaldehyde

Concen: 3.074 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.006 min

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Acq: 31 Jan 2024 11:58

Instrument :

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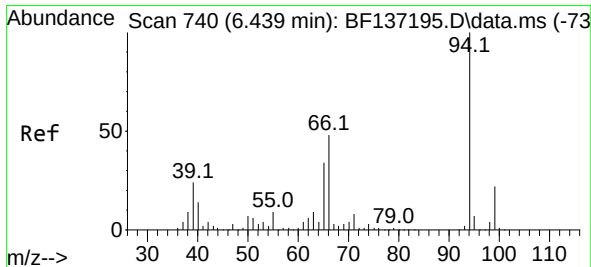
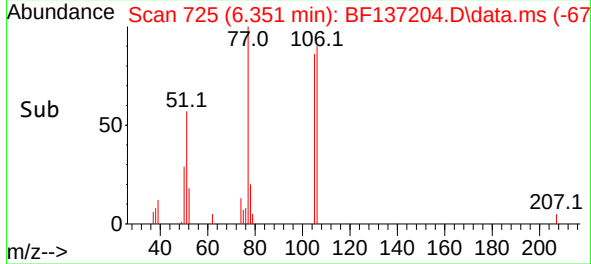
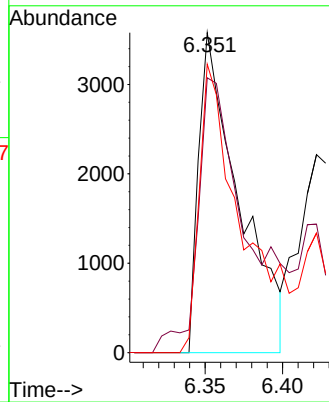
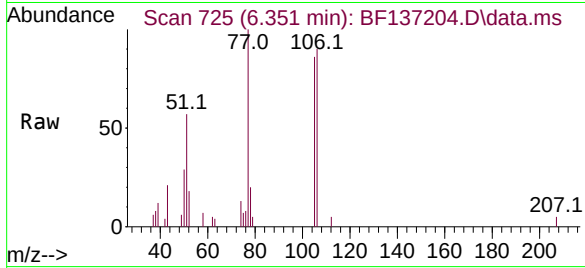
Tgt Ion: 77 Resp: 6481

Ion Ratio Lower Upper

77 100

105 85.9 69.1 109.1

106 90.1 69.6 109.6



#10

Phenol

Concen: 43.997 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

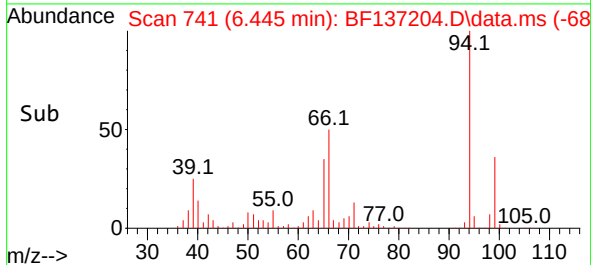
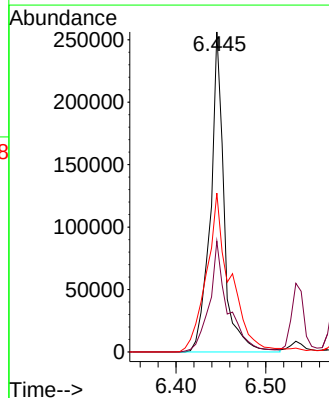
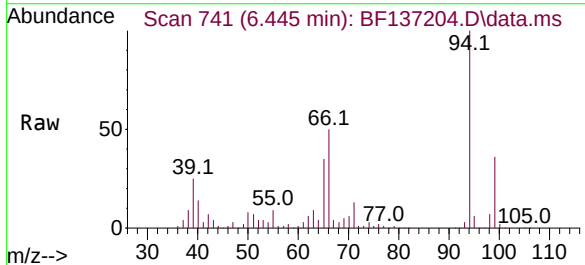
Tgt Ion: 94 Resp: 271843

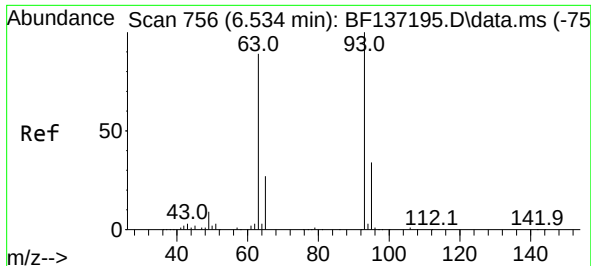
Ion Ratio Lower Upper

94 100

65 34.6 13.7 53.7

66 49.6 27.8 67.8

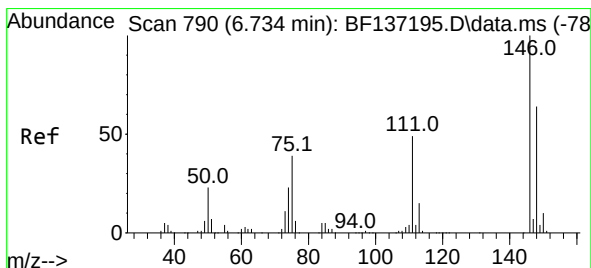
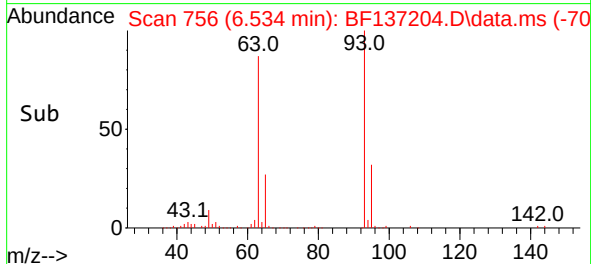
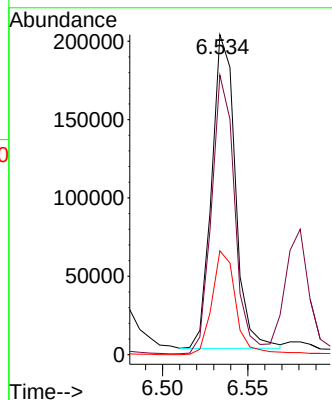
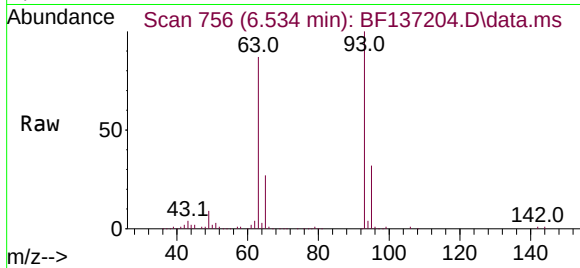




#11
bis(2-Chloroethyl)ether
Concen: 46.828 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

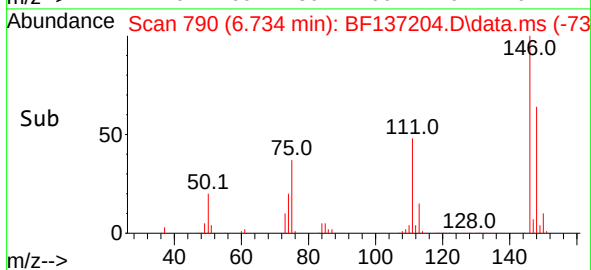
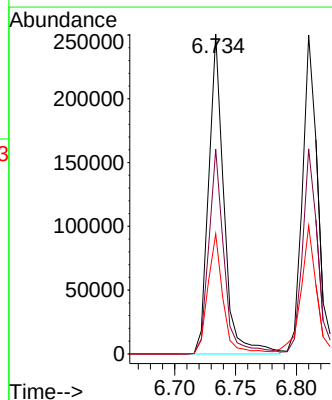
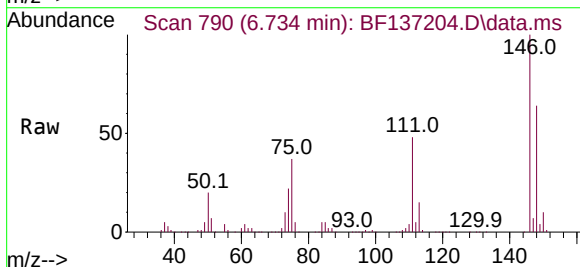
Instrument :
BNA_F
ClientSampleId :
PB158717BS

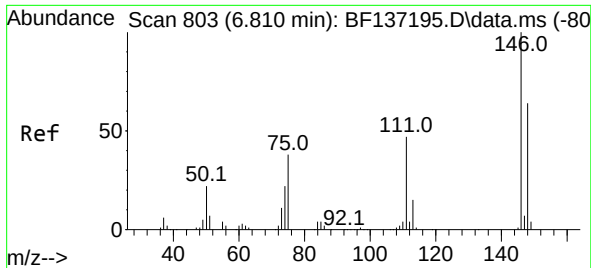
Tgt Ion: 93 Resp: 193360
Ion Ratio Lower Upper
93 100
63 87.3 66.7 106.7
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.083 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 146 Resp: 219072
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
75 37.5 31.3 46.9

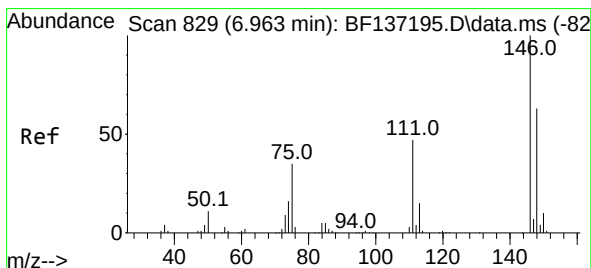
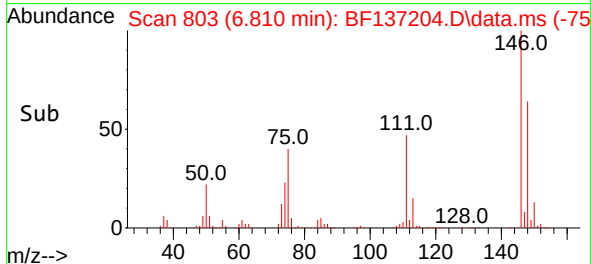
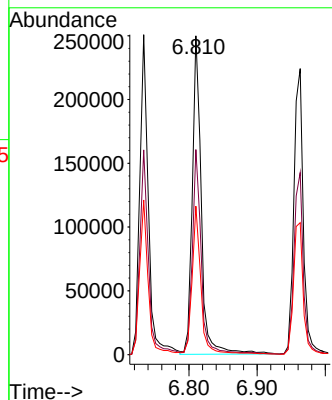
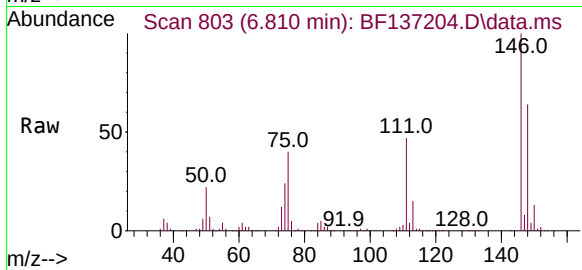




#13
1,4-Dichlorobenzene
Concen: 43.745 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

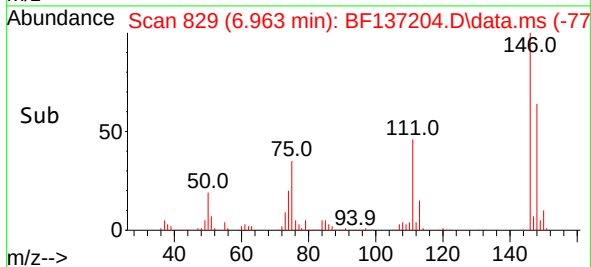
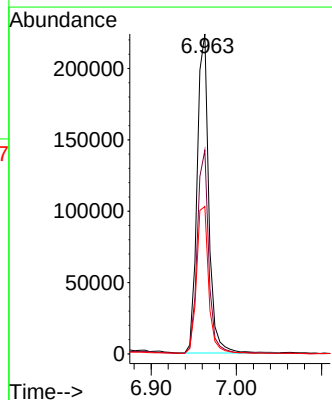
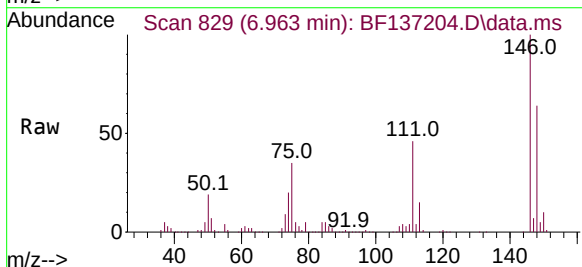
Instrument :
BNA_F
ClientSampleId :
PB158717BS

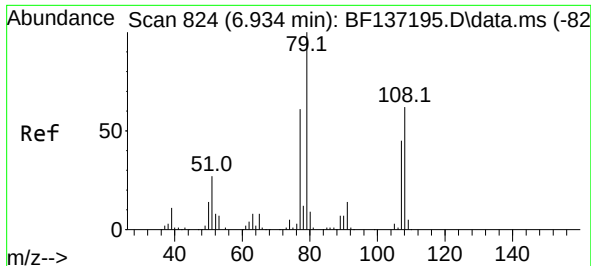
Tgt Ion:146 Resp: 230046
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 46.5 38.1 57.1



#14
1,2-Dichlorobenzene
Concen: 43.284 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:146 Resp: 212826
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
111 46.1 37.3 55.9

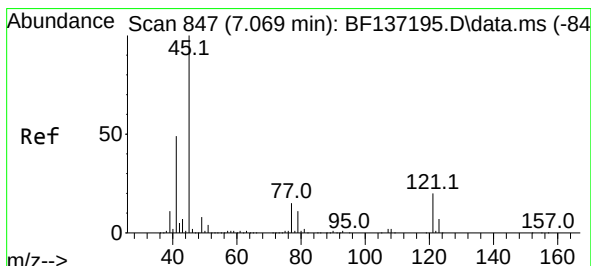
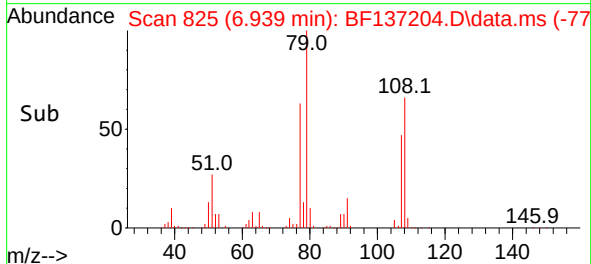
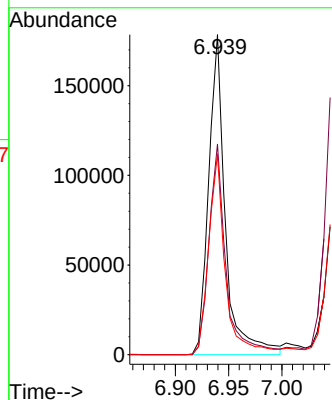
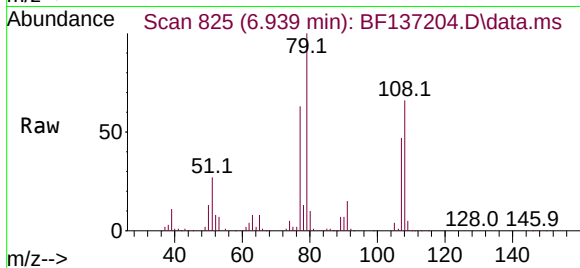




#15
Benzyl Alcohol
Concen: 49.517 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

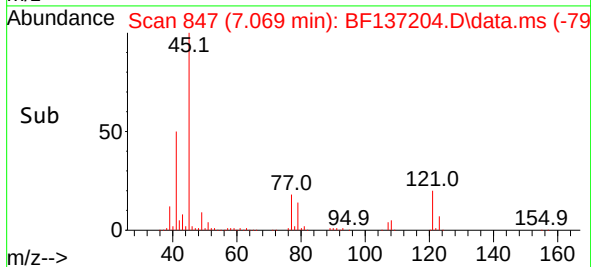
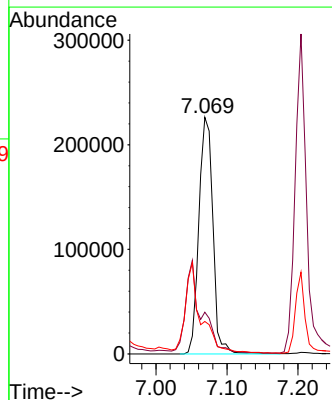
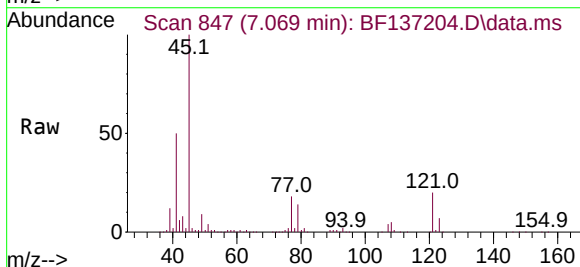
Instrument :
BNA_F
ClientSampleId :
PB158717BS

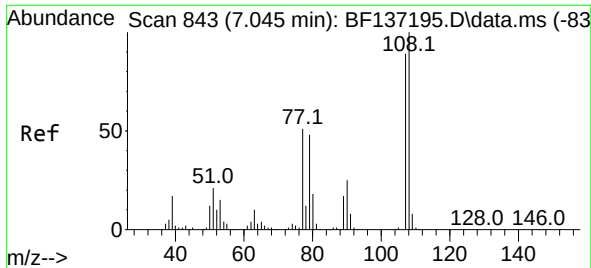
Tgt Ion: 79 Resp: 194729
Ion Ratio Lower Upper
79 100
108 65.8 49.3 73.9
77 62.7 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.484 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 45 Resp: 308568
Ion Ratio Lower Upper
45 100
77 17.6 0.0 35.9
79 13.7 0.0 32.4

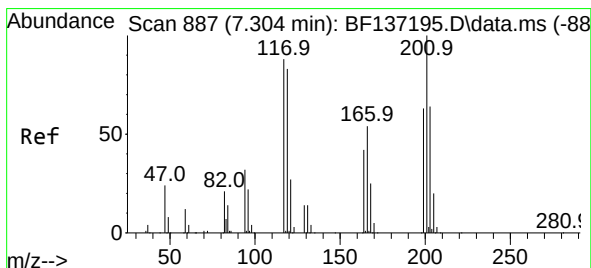
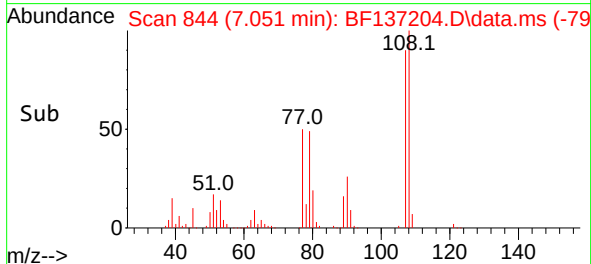
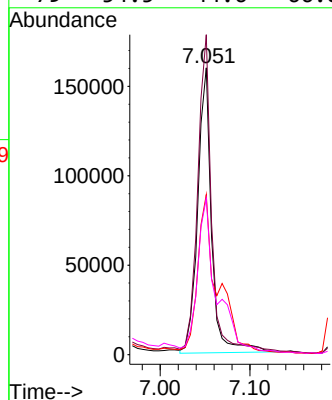
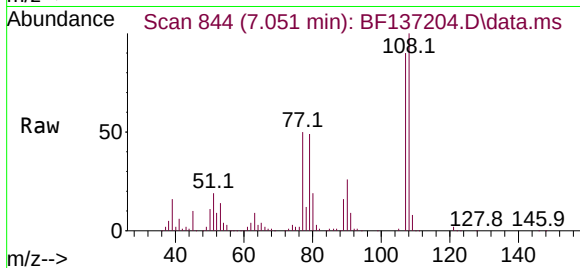




#17
2-Methylphenol
Concen: 47.238 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

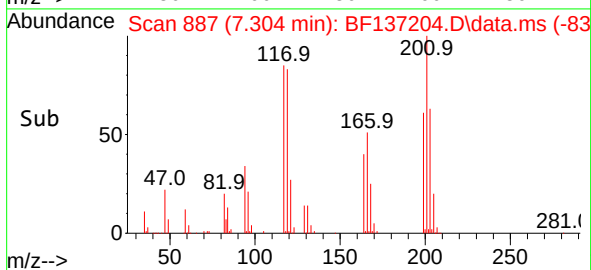
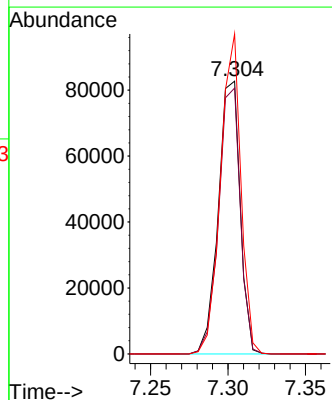
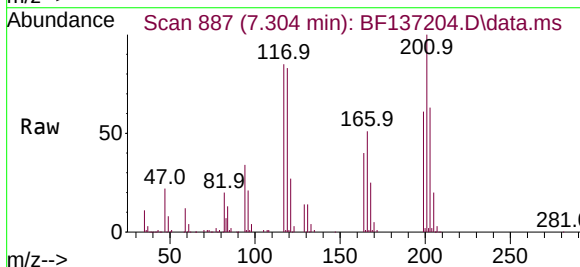
Instrument :
BNA_F
ClientSampleId :
PB158717BS

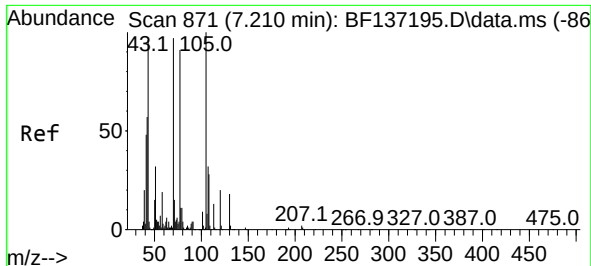
Tgt Ion:	107	Resp:	171154
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.9	134.9
77	55.8	46.6	69.8
79	54.5	44.6	66.8



#18
Hexachloroethane
Concen: 42.880 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:	117	Resp:	81328
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.2	114.4
201	117.3	91.4	137.0



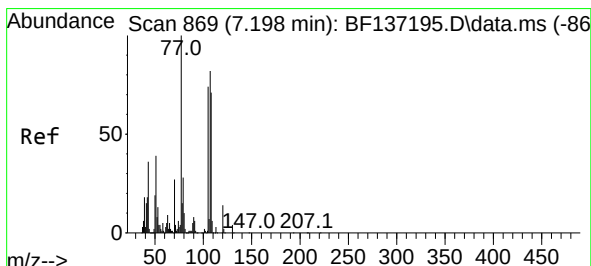
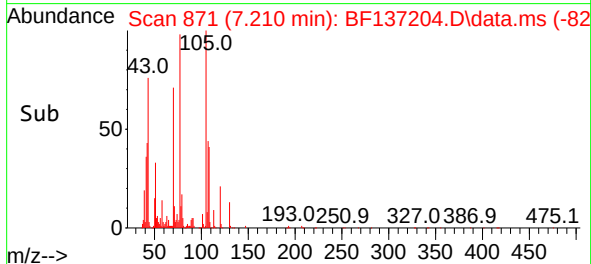
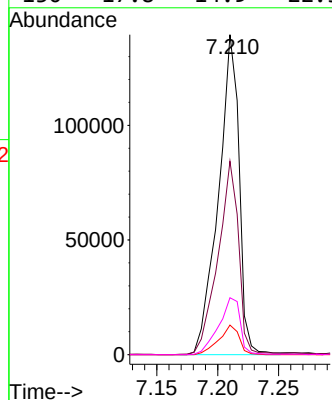
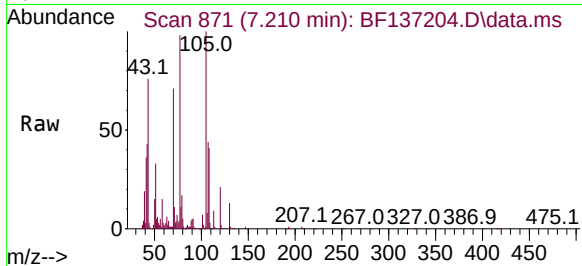


#19
n-Nitroso-di-n-propylamine
Concen: 43.371 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB158717BS

Tgt Ion: 70 Resp: 164607

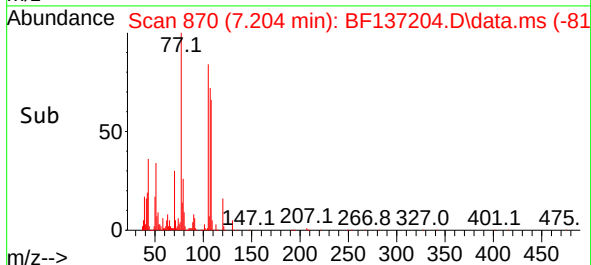
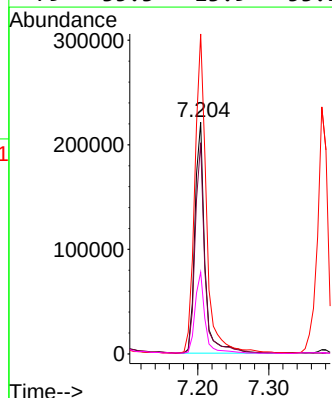
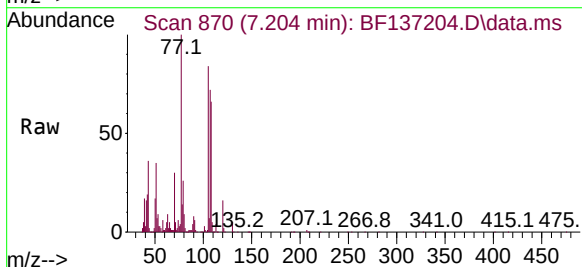
Ion	Ratio	Lower	Upper
70	100		
42	60.4	47.2	70.8
101	9.3	7.4	11.0
130	17.8	14.9	22.3

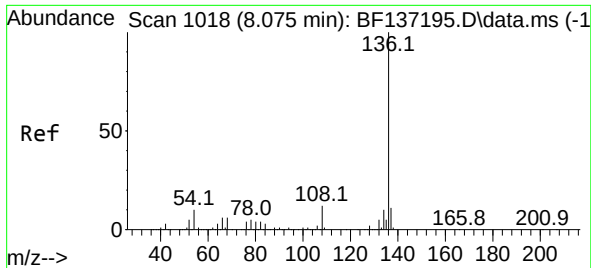


#20
3+4-Methylphenols
Concen: 46.807 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 107 Resp: 214694

Ion	Ratio	Lower	Upper
107	100		
108	91.1	66.3	106.3
77	138.1	101.4	141.4
79	35.3	13.9	53.9

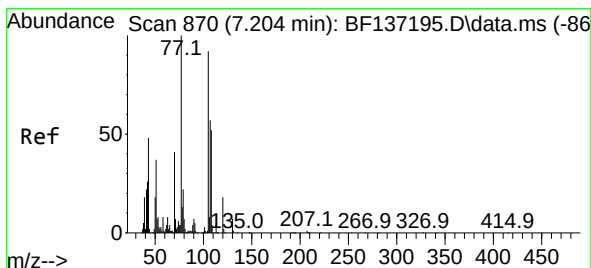
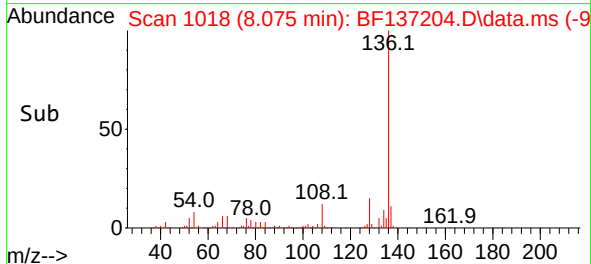
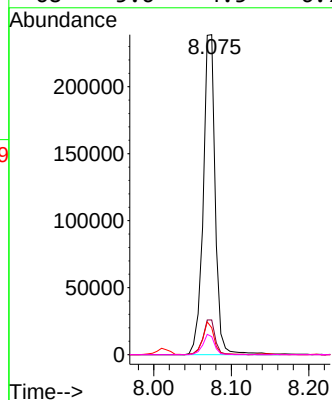
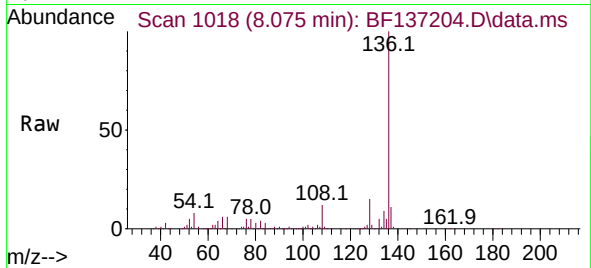




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

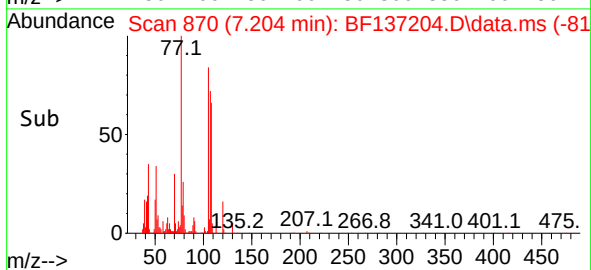
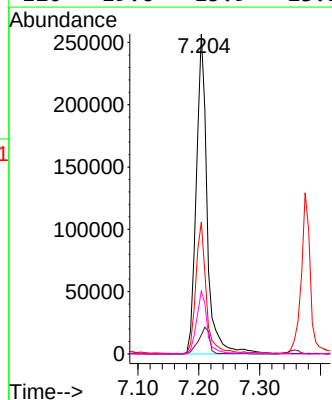
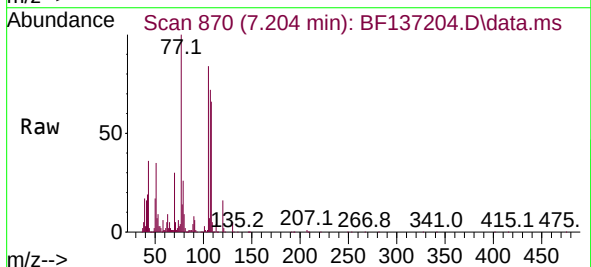
Instrument :
BNA_F
ClientSampleId :
PB158717BS

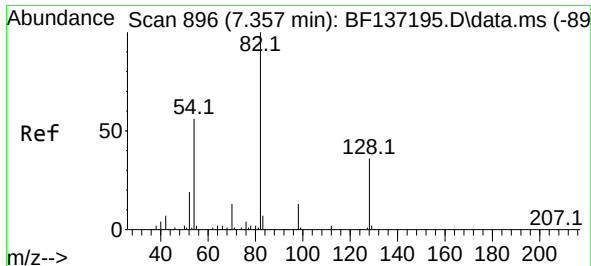
Tgt Ion:136	Resp: 256716
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 8.4	7.8 11.8
68 5.6	4.5 6.7



#22
Acetophenone
Concen: 46.183 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt	Ion:105	Resp:	319182
Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.7	8.5
51	41.2	32.2	48.4
120	19.6	15.9	23.9

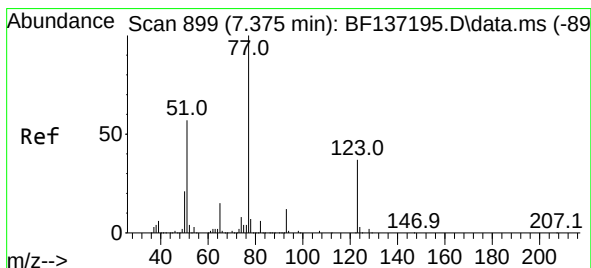
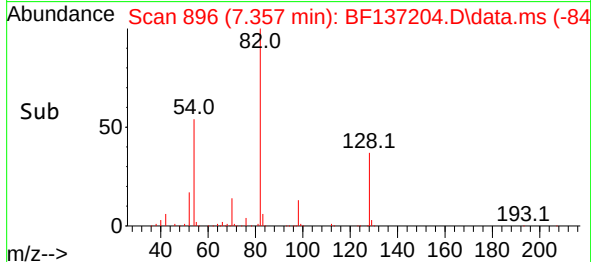
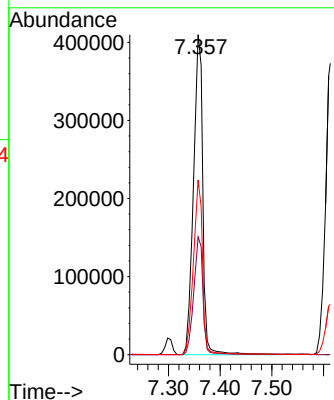
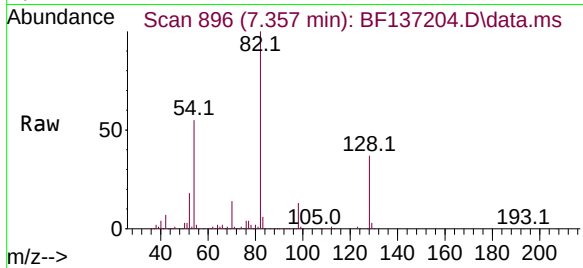




#23
Nitrobenzene-d5
Concen: 89.374 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

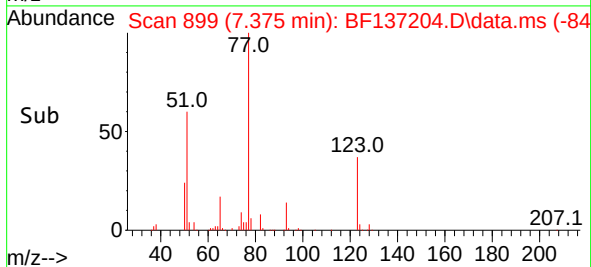
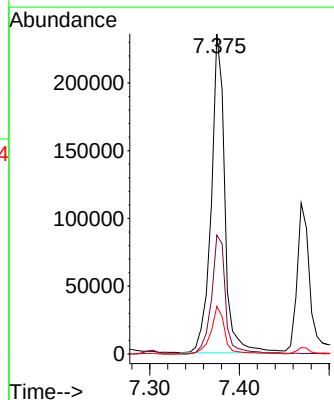
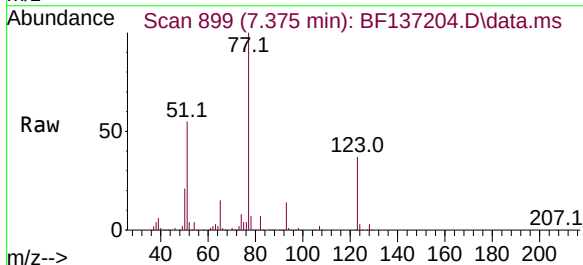
Instrument :
BNA_F
ClientSampleId :
PB158717BS

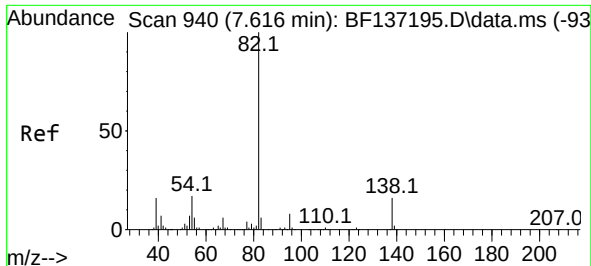
Tgt Ion: 82 Resp: 512459
Ion Ratio Lower Upper
82 100
128 36.8 29.1 43.7
54 54.6 45.0 67.6



#24
Nitrobenzene
Concen: 44.592 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 77 Resp: 248165
Ion Ratio Lower Upper
77 100
123 37.1 29.3 43.9
65 14.8 12.0 18.0

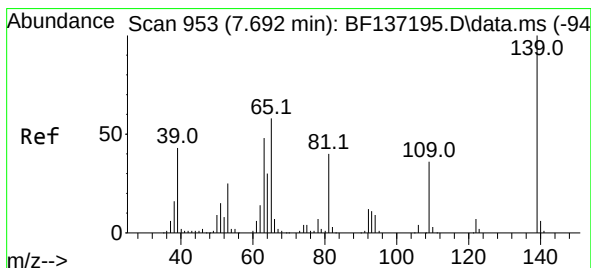
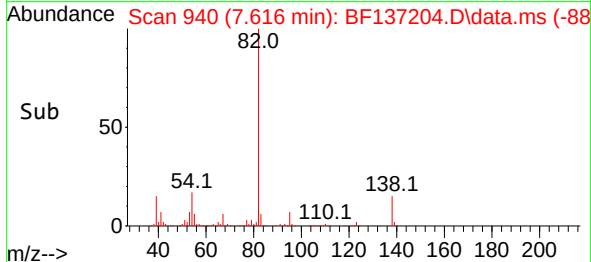
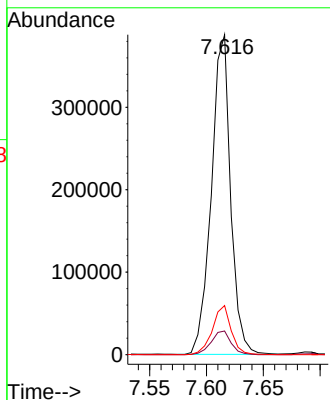
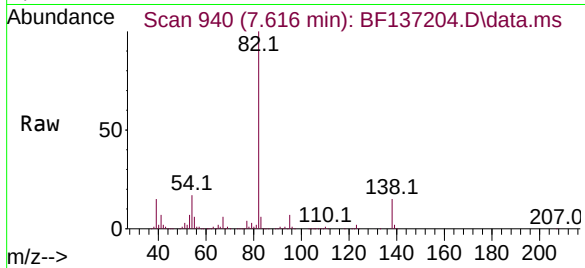




#25
Isophorone
Concen: 43.126 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

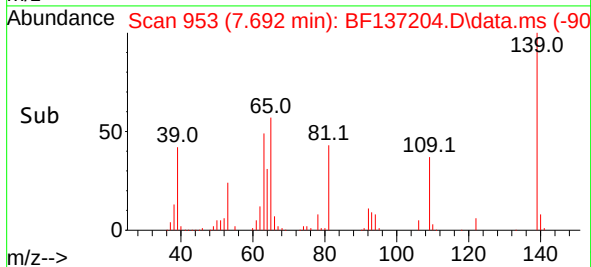
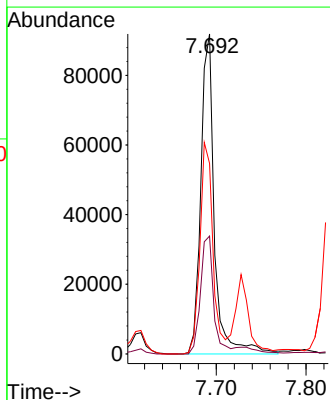
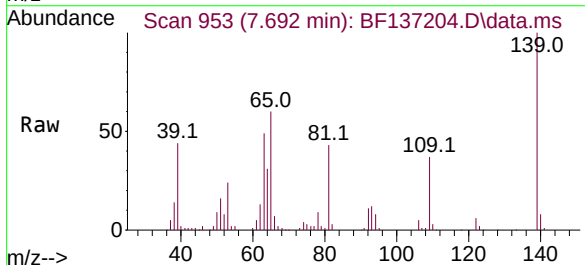
Instrument :
BNA_F
ClientSampleId :
PB158717BS

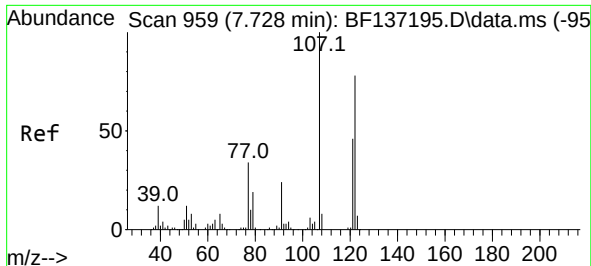
Tgt Ion: 82 Resp: 456433
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 15.3 12.7 19.1



#26
2-Nitrophenol
Concen: 44.987 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 139 Resp: 96578
Ion Ratio Lower Upper
139 100
109 36.8 28.5 42.7
65 59.5 46.7 70.1

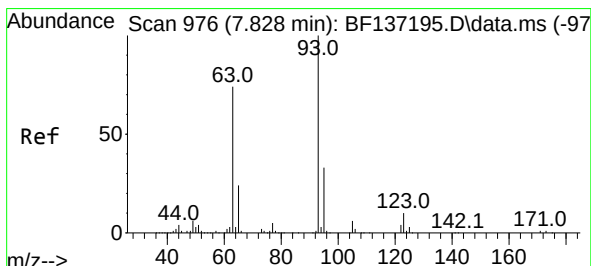
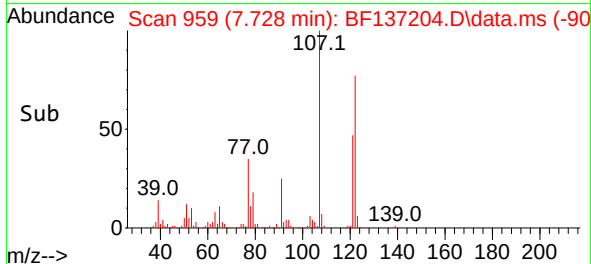
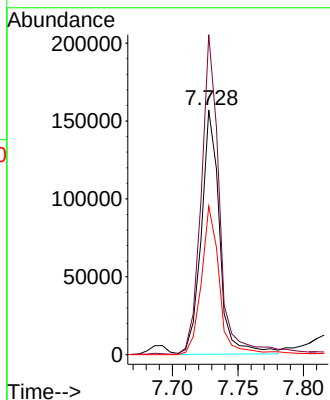
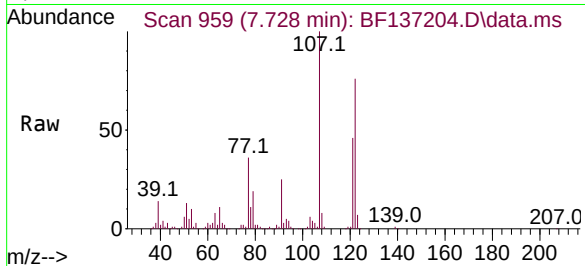




#27
2,4-Dimethylphenol
Concen: 50.245 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

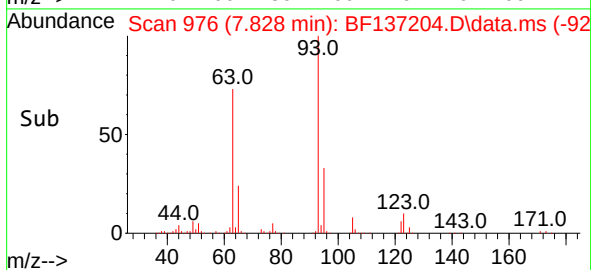
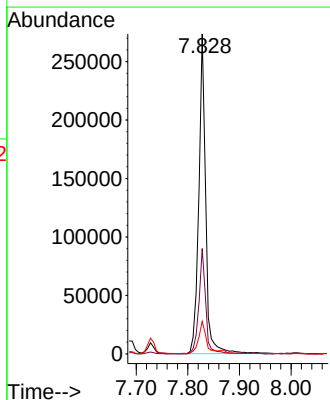
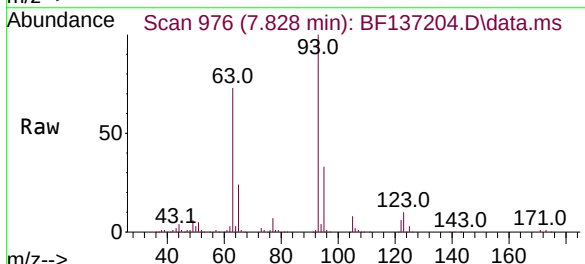
Instrument :
BNA_F
ClientSampleId :
PB158717BS

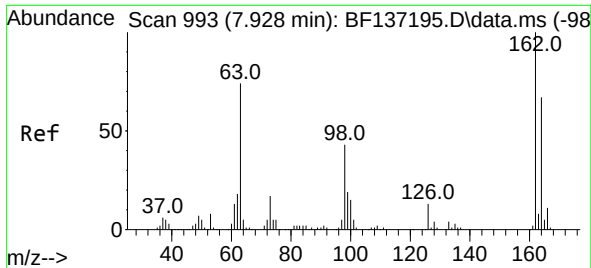
Tgt Ion:122 Resp: 151995
Ion Ratio Lower Upper
122 100
107 130.8 101.8 152.6
121 60.7 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 45.522 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 93 Resp: 255851
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 10.2 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 46.678 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

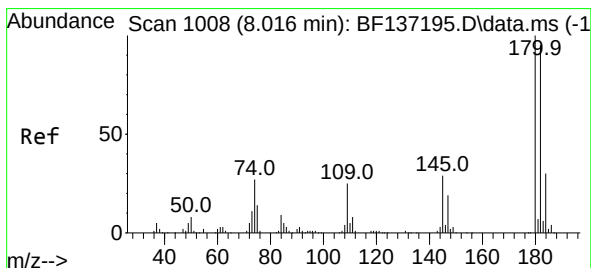
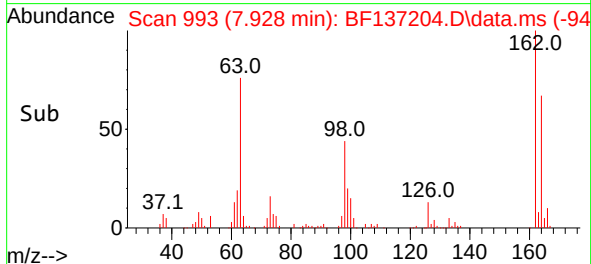
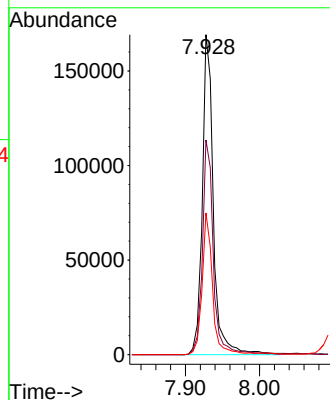
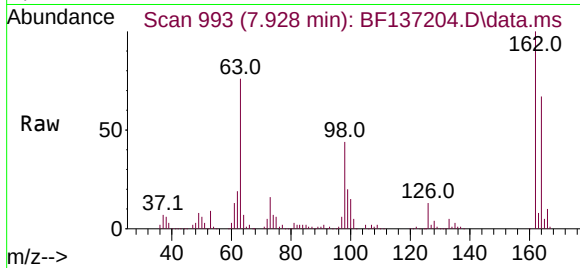
Tgt Ion:162 Resp: 175175

Ion Ratio Lower Upper

162 100

164 67.1 46.7 86.7

98 44.3 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 42.787 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

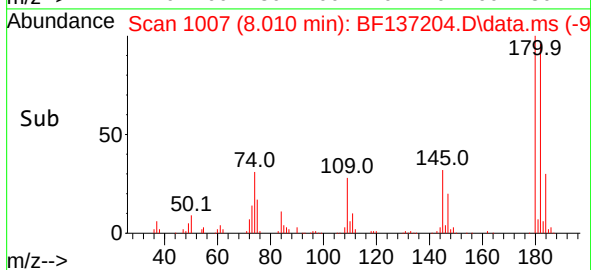
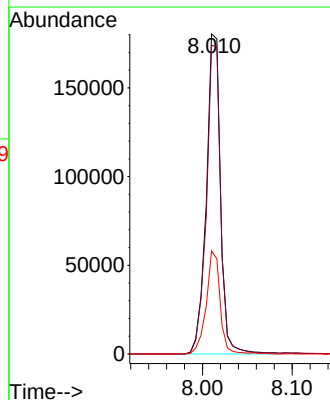
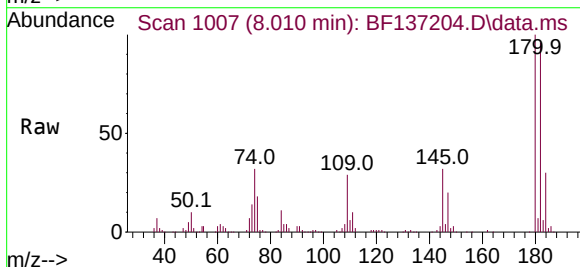
Tgt Ion:180 Resp: 199450

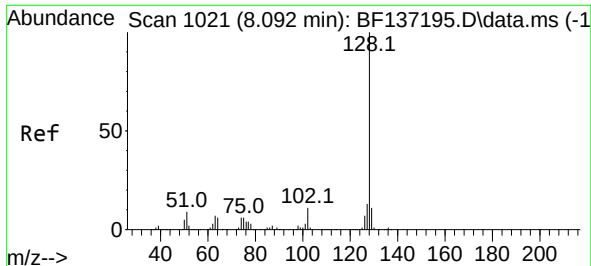
Ion Ratio Lower Upper

180 100

182 96.4 75.9 113.9

145 32.2 23.2 34.8

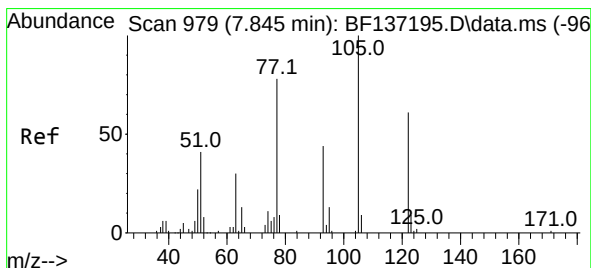
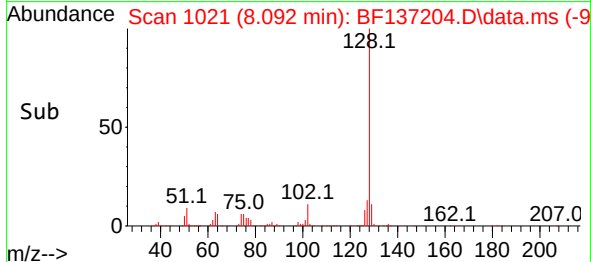
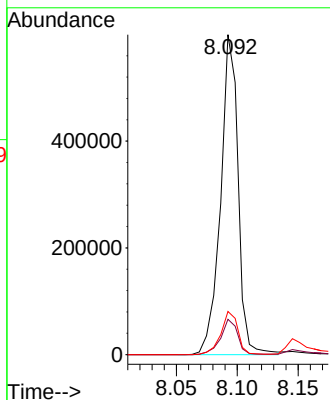
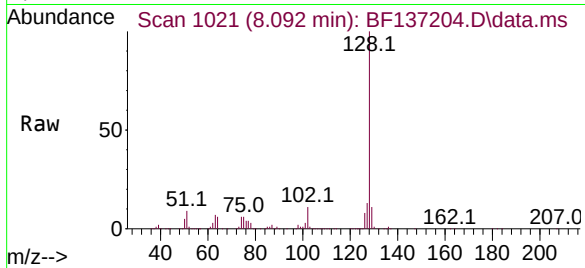




#31
Naphthalene
Concen: 43.115 ng
RT: 8.092 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

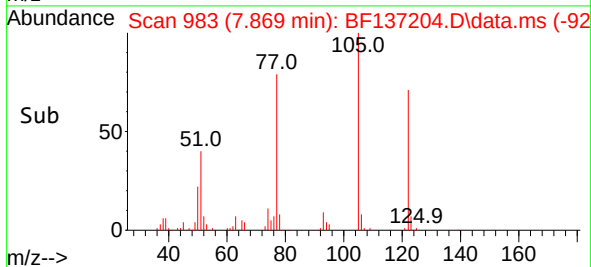
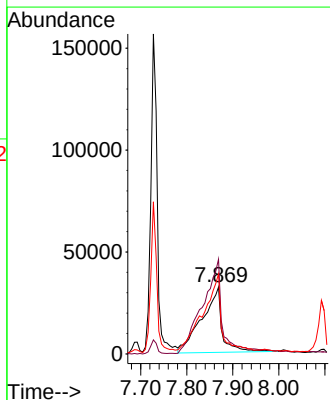
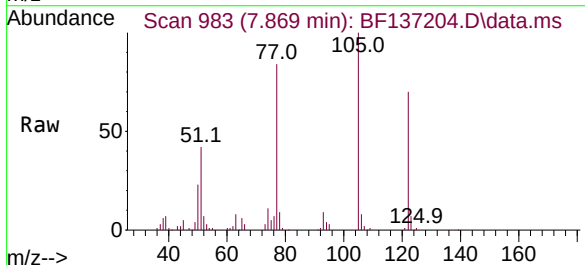
Instrument :
BNA_F
ClientSampleId :
PB158717BS

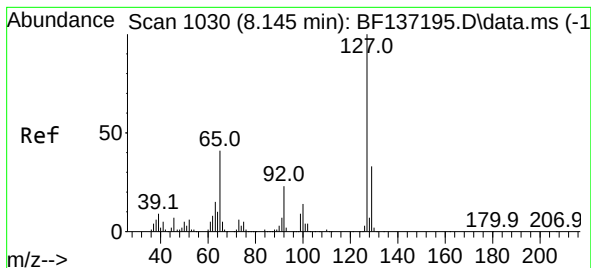
Tgt Ion:128 Resp: 598364
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 46.564 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.024 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:122 Resp: 98454
Ion Ratio Lower Upper
122 100
105 141.8 122.5 162.5
77 119.8 96.4 136.4





#33

4-Chloroaniline

Concen: 9.324 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

Tgt Ion:127 Resp: 44510

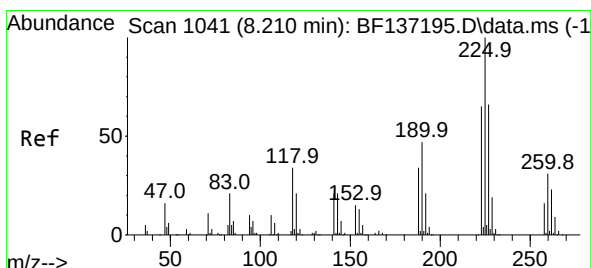
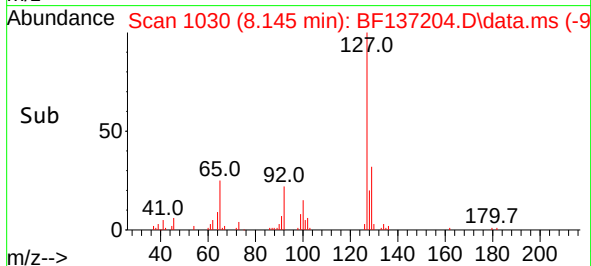
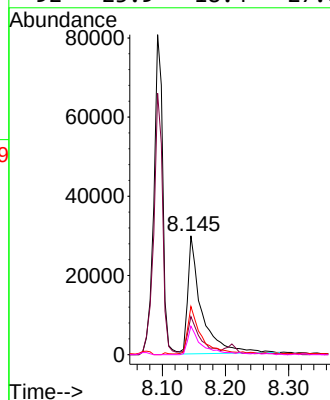
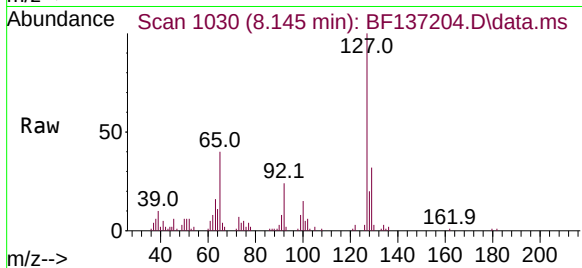
Ion Ratio Lower Upper

127 100

129 31.9 26.8 40.2

65 40.5 32.9 49.3

92 23.9 18.4 27.6



#34

Hexachlorobutadiene

Concen: 43.765 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

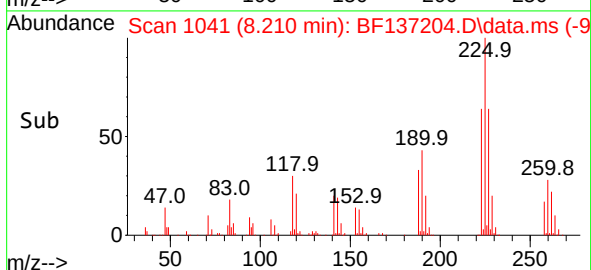
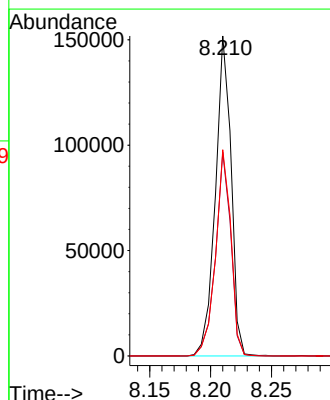
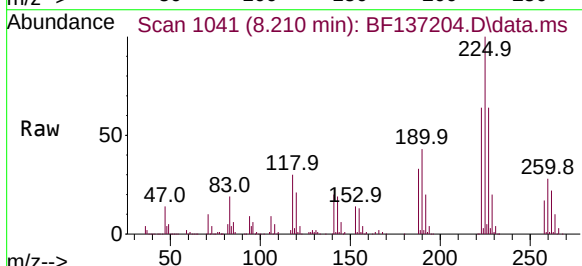
Tgt Ion:225 Resp: 135651

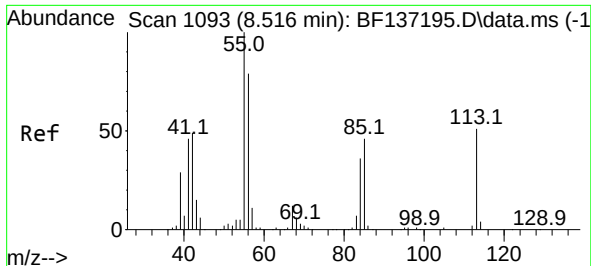
Ion Ratio Lower Upper

225 100

223 63.6 52.0 78.0

227 64.4 52.9 79.3

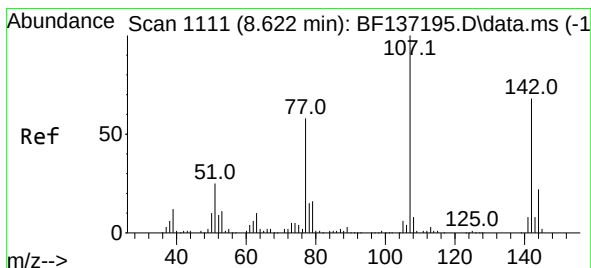
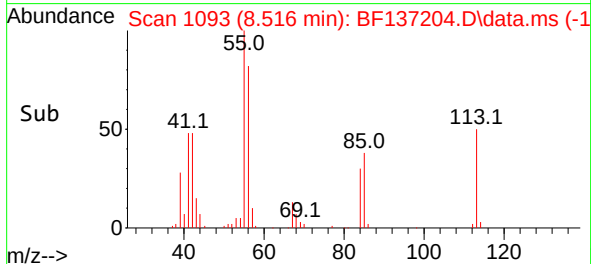
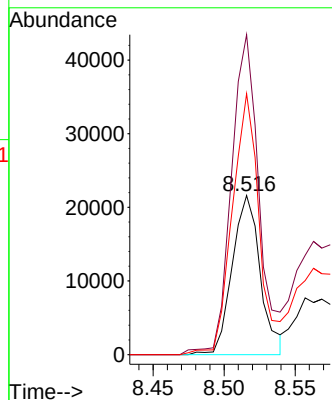
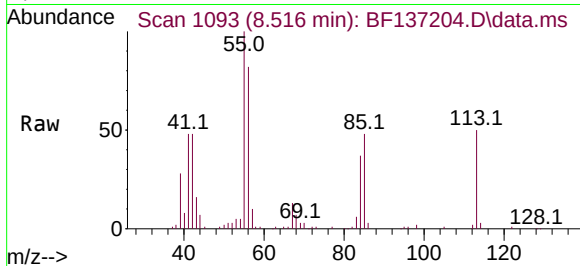




#35
 Caprolactam
 Concen: 25.442 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF137204.D
 Acq: 31 Jan 2024 11:58

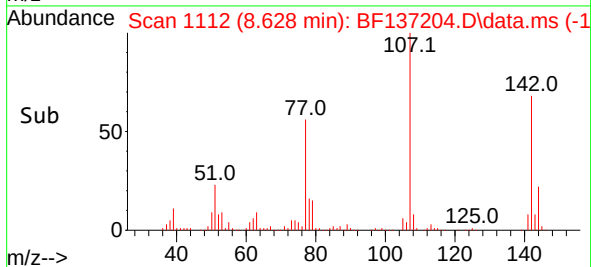
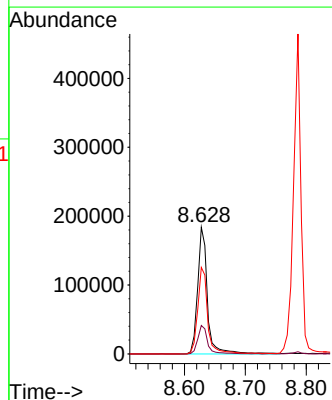
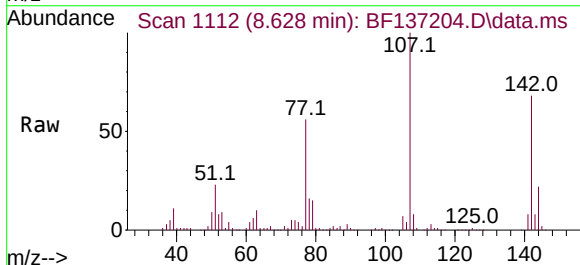
Instrument :
 BNA_F
 ClientSampleId :
 PB158717BS

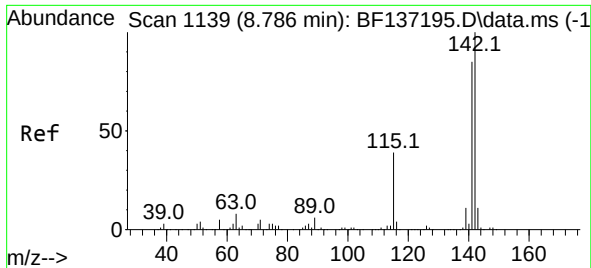
Tgt Ion:	113	Resp:	29688
Ion	Ratio	Lower	Upper
113	100		
55	201.1	176.0	216.0
56	164.0	134.0	174.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.465 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF137204.D
 Acq: 31 Jan 2024 11:58

Tgt Ion:	107	Resp:	205954
Ion	Ratio	Lower	Upper
107	100		
144	22.5	17.2	25.8
142	68.3	54.6	82.0





#37

2-Methylnaphthalene

Concen: 42.984 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

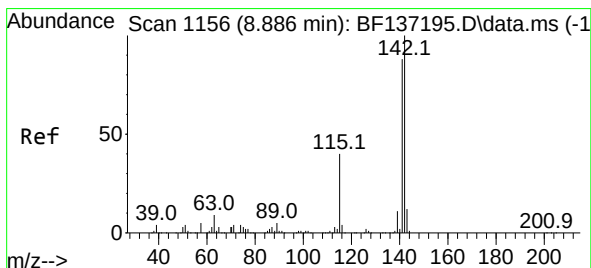
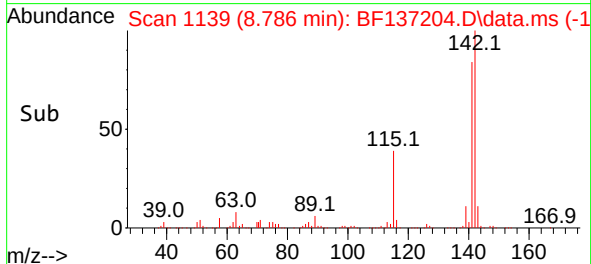
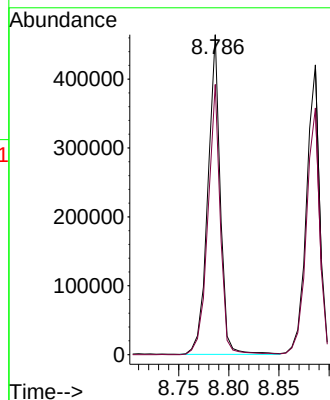
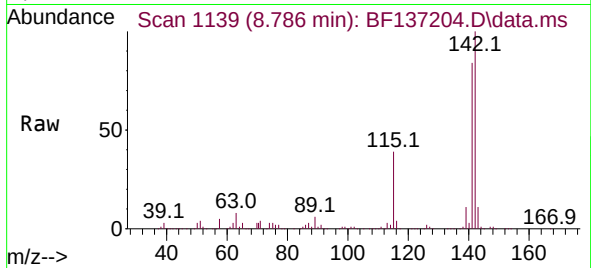
PB158717BS

Tgt Ion:142 Resp: 399936

Ion Ratio Lower Upper

142 100

141 84.4 67.8 101.8



#38

1-Methylnaphthalene

Concen: 44.356 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF137204.D

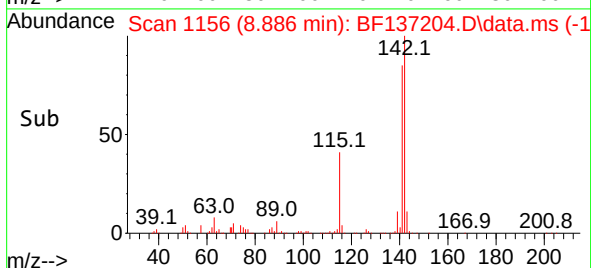
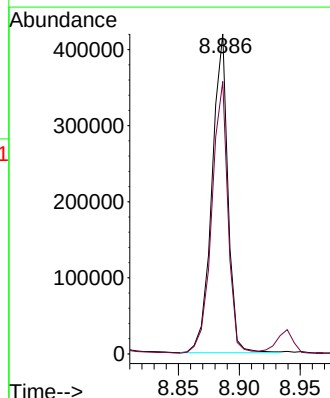
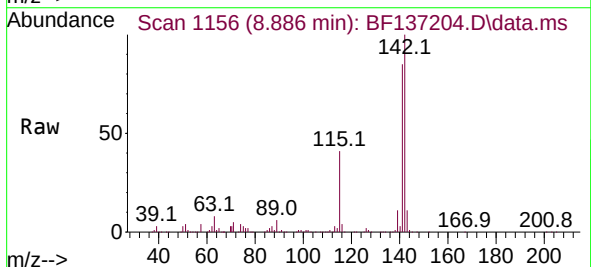
Acq: 31 Jan 2024 11:58

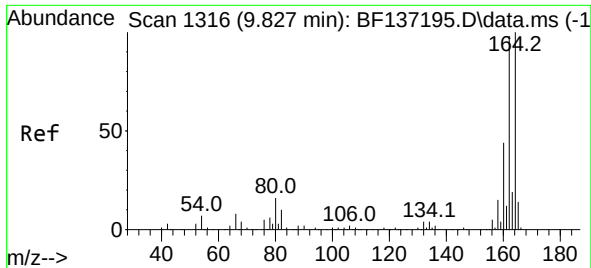
Tgt Ion:142 Resp: 383319

Ion Ratio Lower Upper

142 100

141 85.2 70.6 105.8

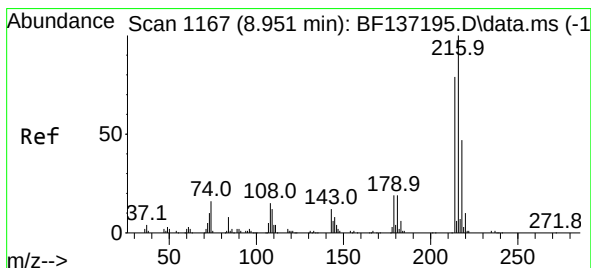
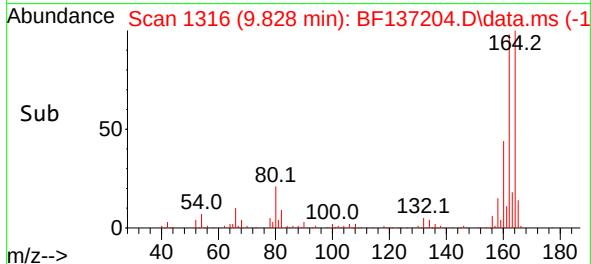
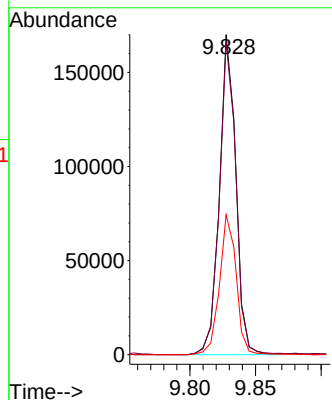
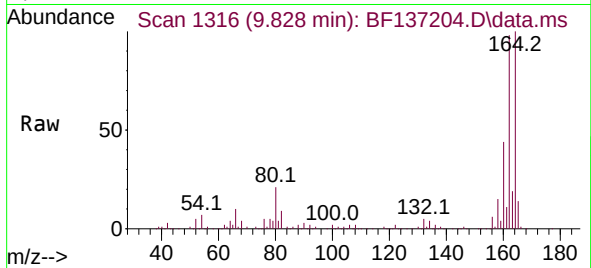




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

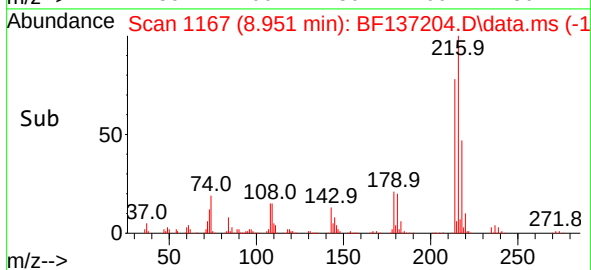
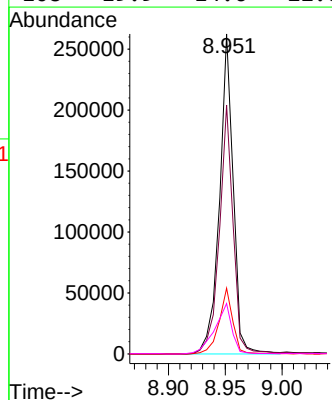
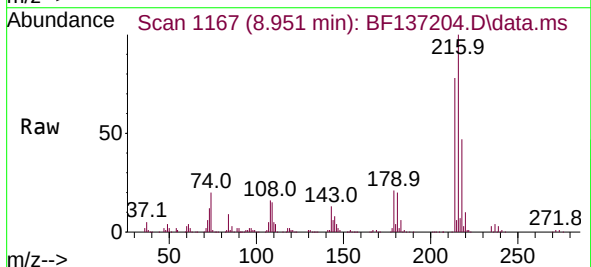
Instrument :
BNA_F
ClientSampleId :
PB158717BS

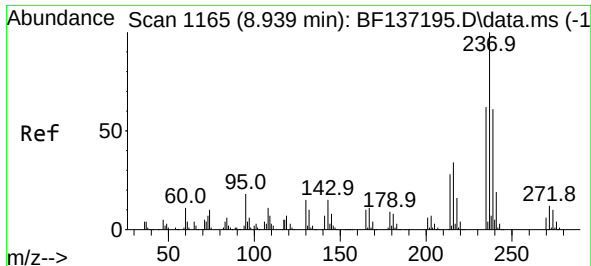
Tgt Ion:164 Resp: 148764
Ion Ratio Lower Upper
164 100
162 97.7 78.3 117.5
160 43.7 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.193 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:216 Resp: 219984
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 20.6 16.2 24.2
108 19.9 14.6 22.0

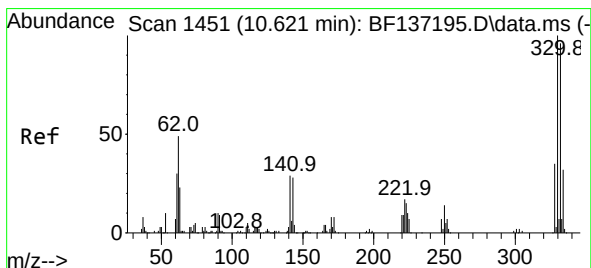
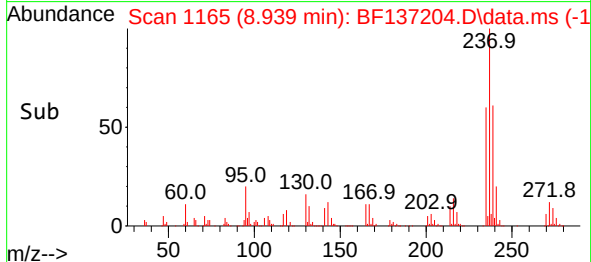
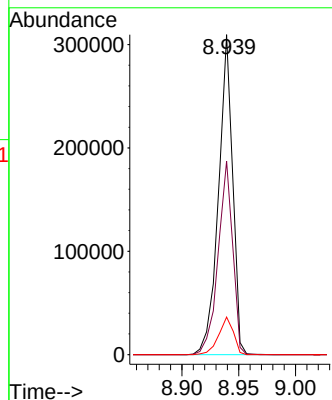
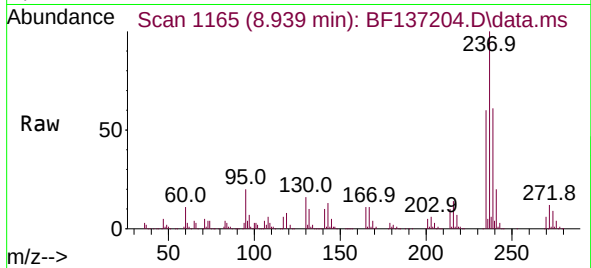




#41
Hexachlorocyclopentadiene
Concen: 112.945 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

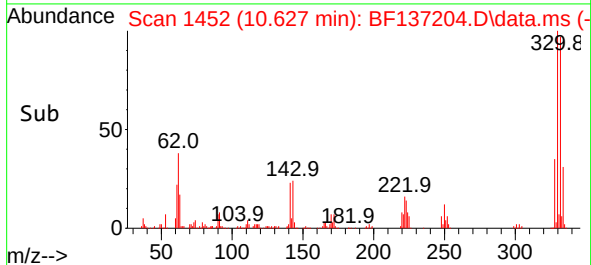
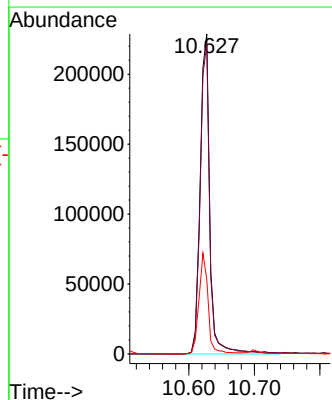
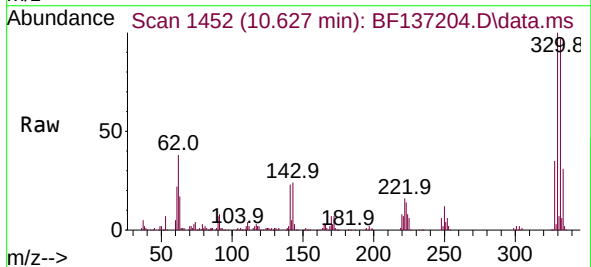
Instrument :
BNA_F
ClientSampleId :
PB158717BS

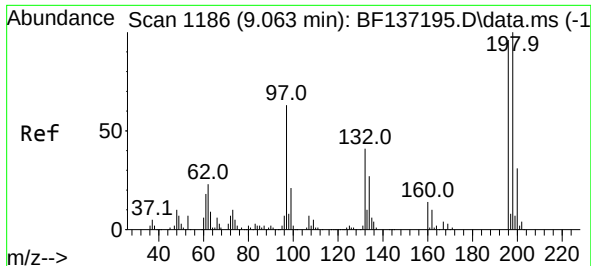
Tgt Ion:237 Resp: 267775
Ion Ratio Lower Upper
237 100
235 60.5 41.6 81.6
272 11.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 137.778 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:330 Resp: 231476
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 30.1 25.2 37.8

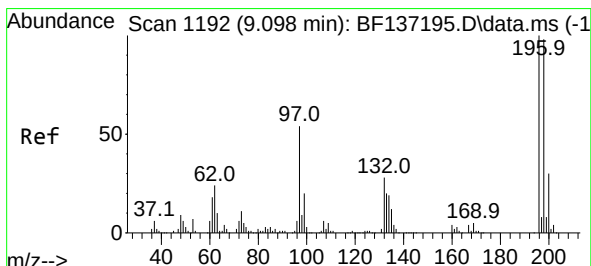
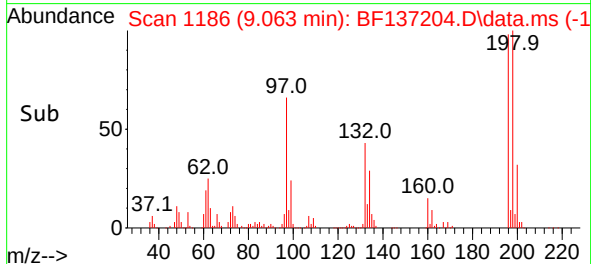
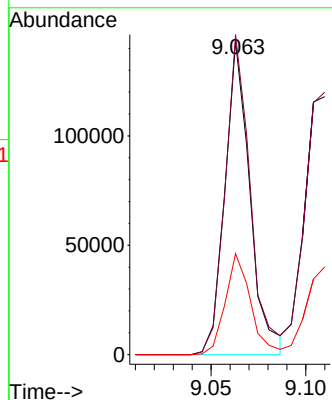
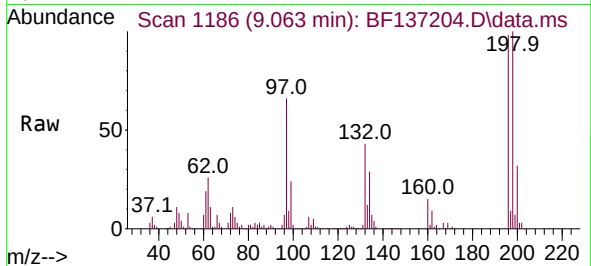




#43
2,4,6-Trichlorophenol
Concen: 46.543 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

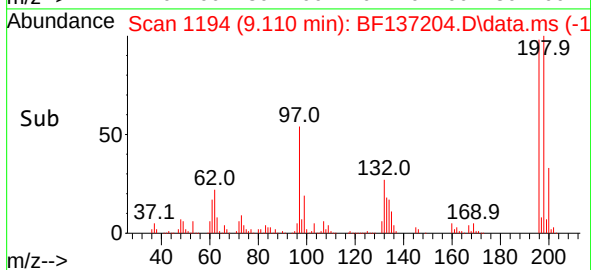
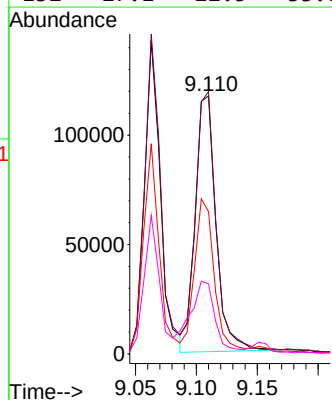
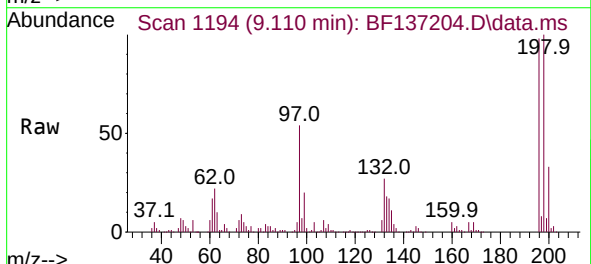
Instrument :
BNA_F
ClientSampleId :
PB158717BS

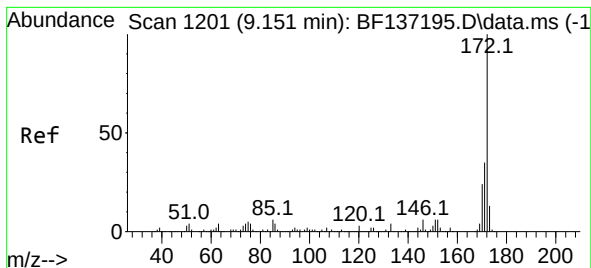
Tgt Ion:196 Resp: 131408
Ion Ratio Lower Upper
196 100
198 102.2 83.0 124.6
200 32.3 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 45.153 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:196 Resp: 139349
Ion Ratio Lower Upper
196 100
198 101.7 78.2 117.4
97 55.2 44.2 66.2
132 27.1 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 85.134 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

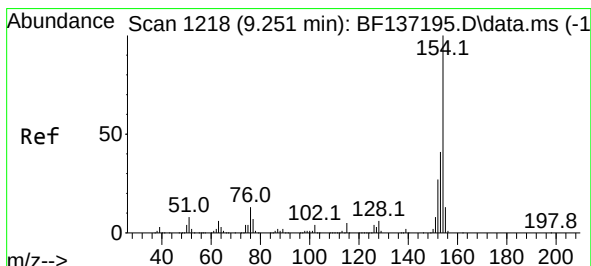
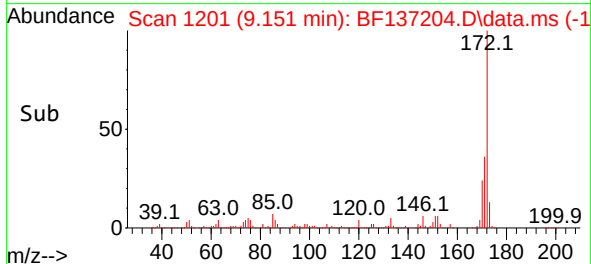
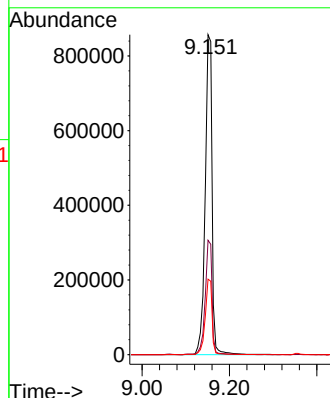
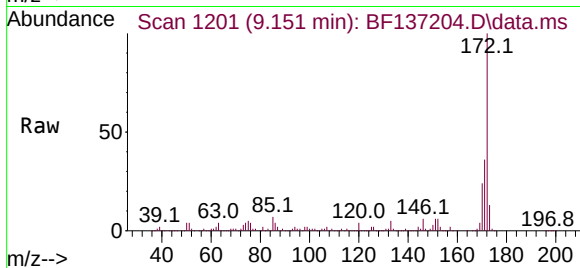
Tgt Ion:172 Resp: 921301

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 44.512 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

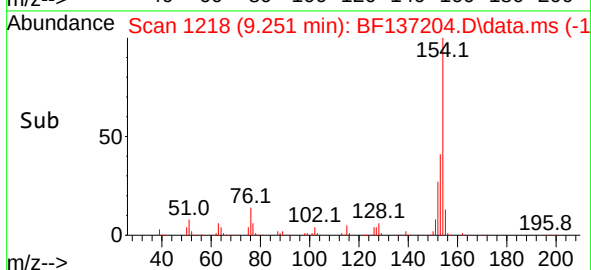
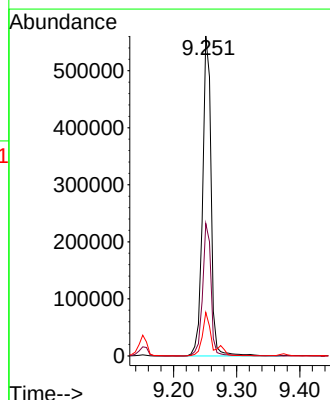
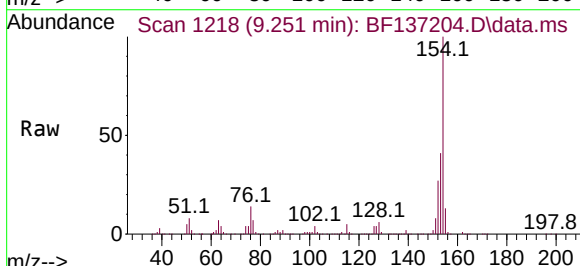
Tgt Ion:154 Resp: 526846

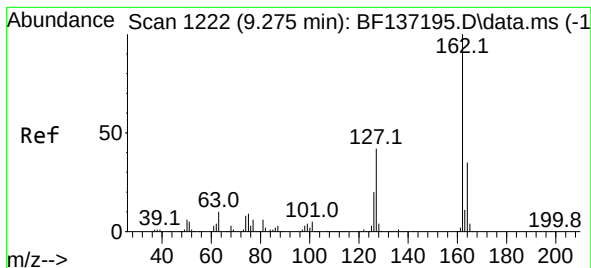
Ion Ratio Lower Upper

154 100

153 41.4 21.2 61.2

76 13.6 0.0 33.0





#47

2-Chloronaphthalene

Concen: 43.861 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

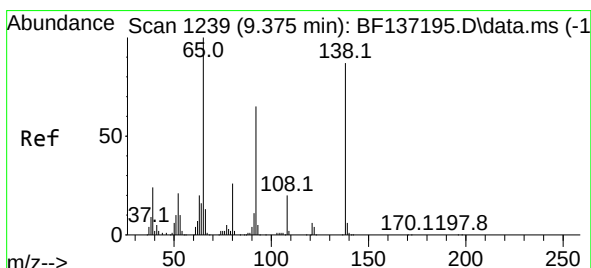
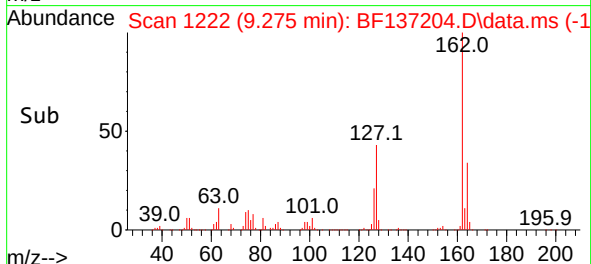
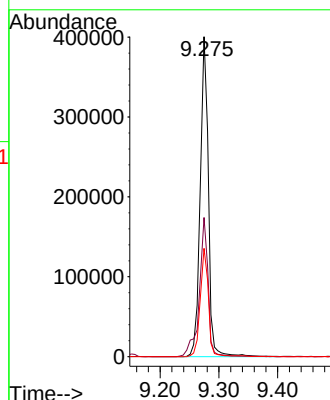
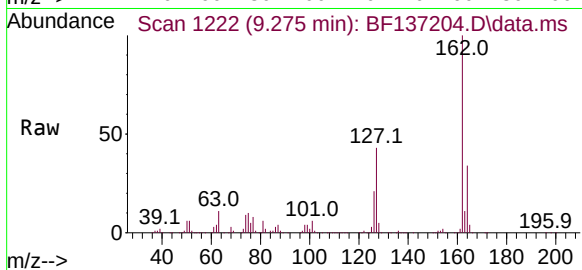
Tgt Ion:162 Resp: 384200

Ion Ratio Lower Upper

162 100

127 43.5 34.1 51.1

164 33.8 27.9 41.9



#48

2-Nitroaniline

Concen: 47.151 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

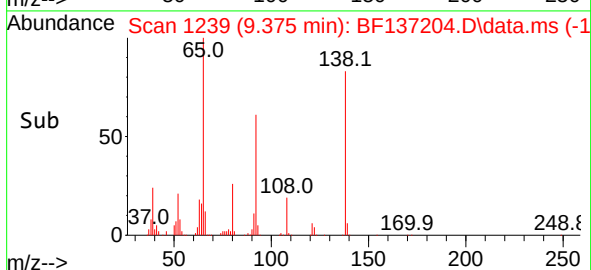
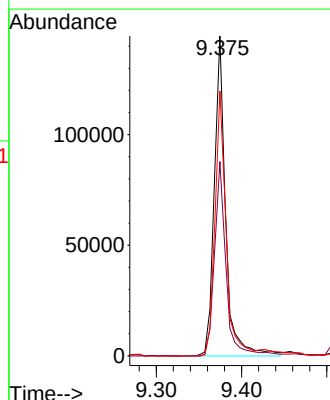
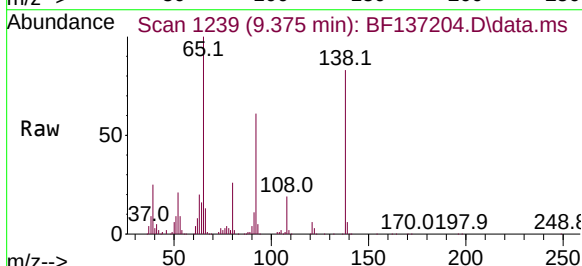
Tgt Ion: 65 Resp: 133678

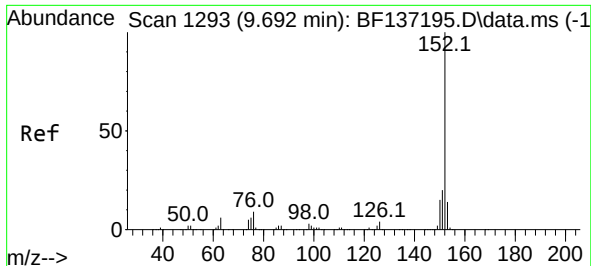
Ion Ratio Lower Upper

65 100

92 60.7 51.7 77.5

138 82.7 69.7 104.5

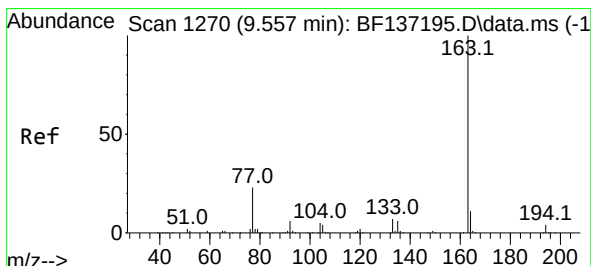
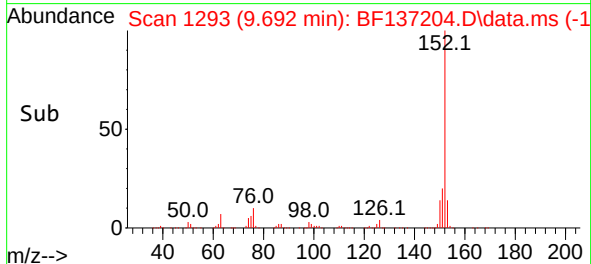
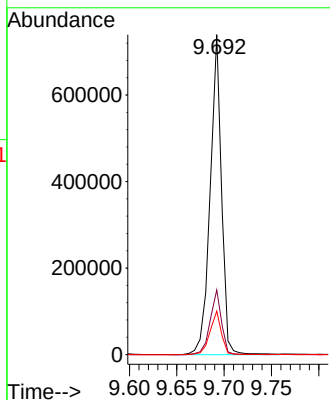
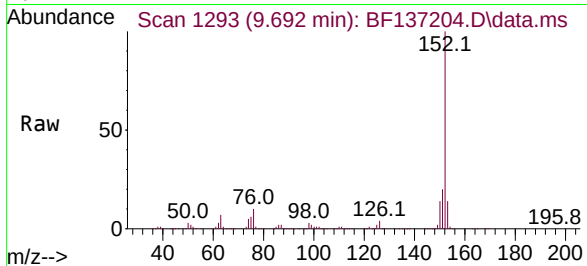




#49
Acenaphthylene
Concen: 44.195 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

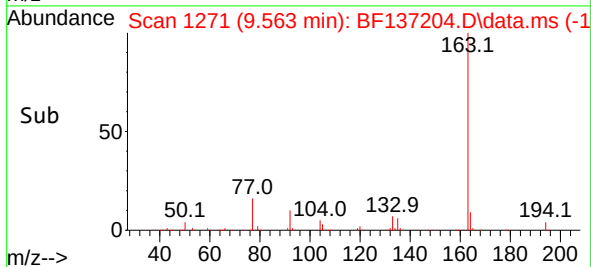
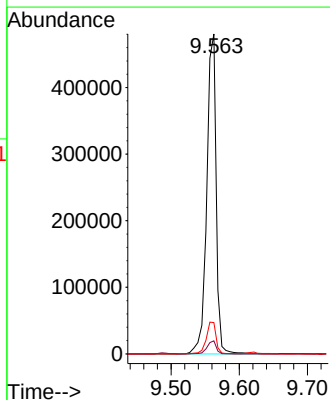
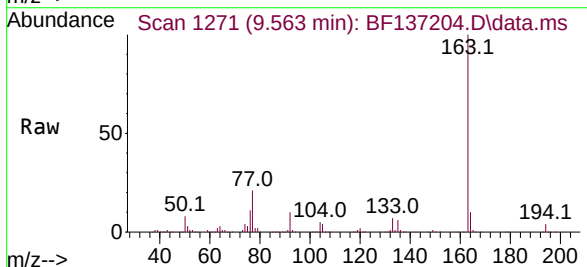
Instrument :
BNA_F
ClientSampleId :
PB158717BS

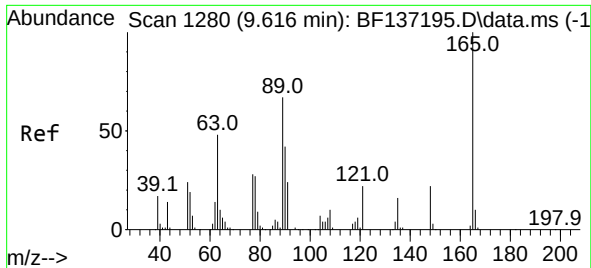
Tgt Ion:152 Resp: 619741
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.6 11.2 16.8



#50
Dimethylphthalate
Concen: 45.865 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:163 Resp: 460947
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.6 13.0

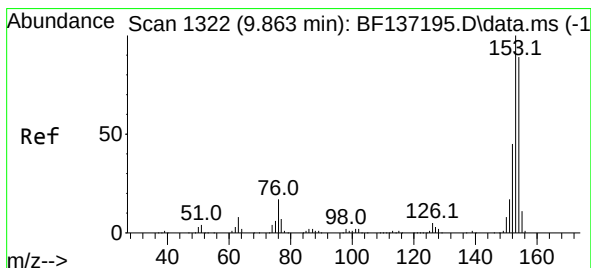
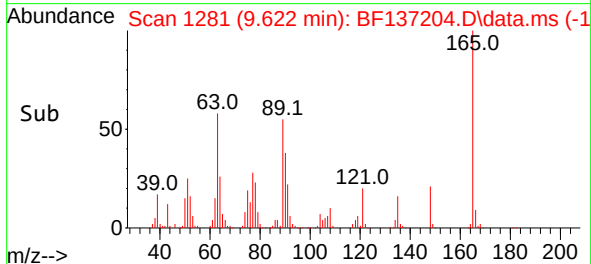
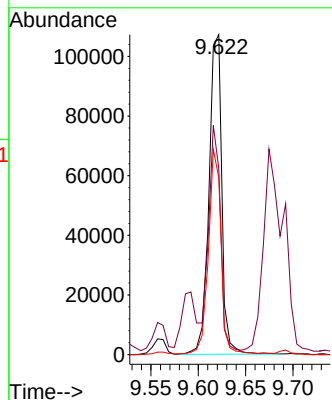
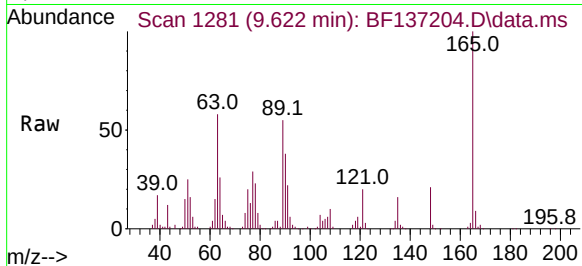




#51
2,6-Dinitrotoluene
Concen: 47.520 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

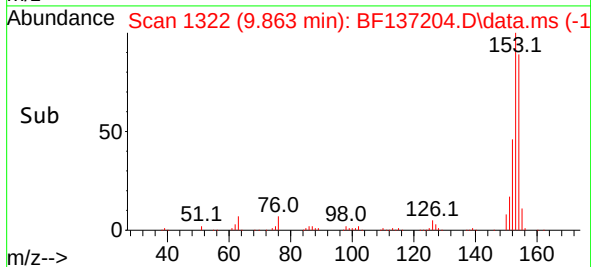
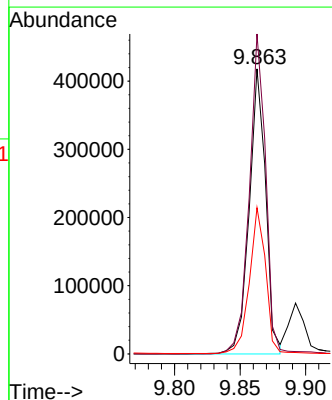
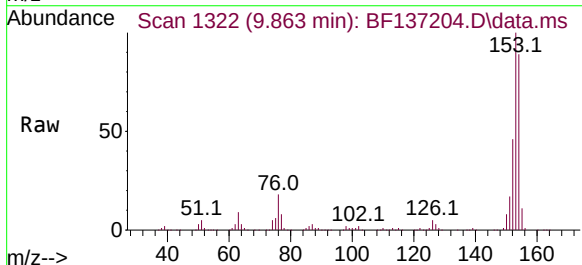
Instrument :
BNA_F
ClientSampleId :
PB158717BS

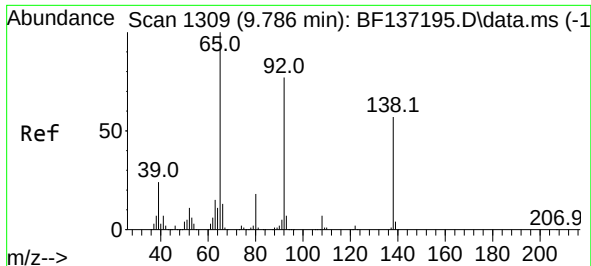
Tgt Ion:165 Resp: 101839
Ion Ratio Lower Upper
165 100
63 58.2 55.1 82.7
89 55.3 53.5 80.3



#52
Acenaphthene
Concen: 44.053 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:154 Resp: 363069
Ion Ratio Lower Upper
154 100
153 112.2 90.2 135.4
152 51.3 40.6 60.8

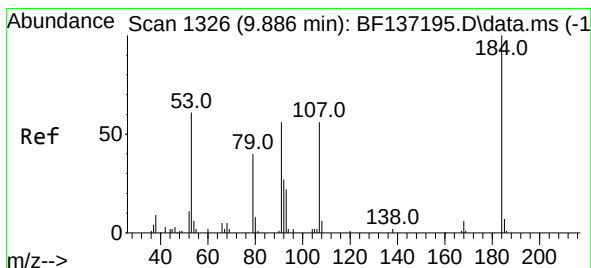
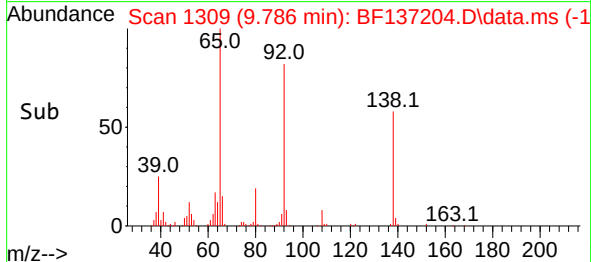
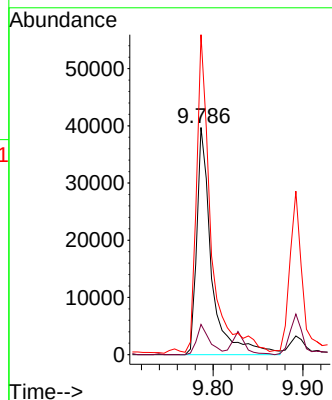
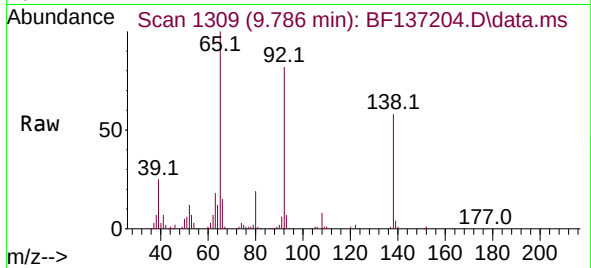




#53
3-Nitroaniline
Concen: 23.628 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

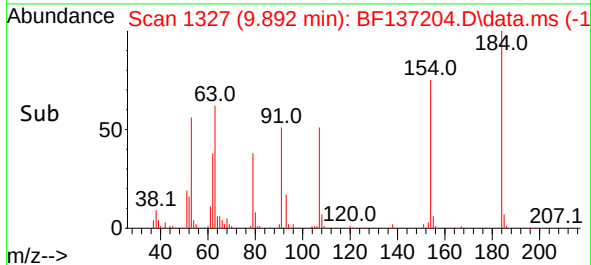
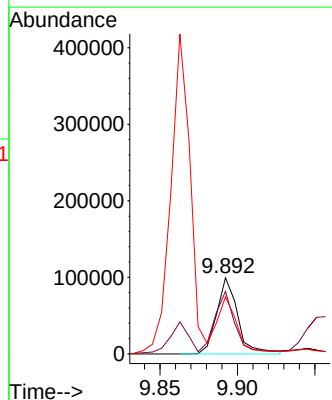
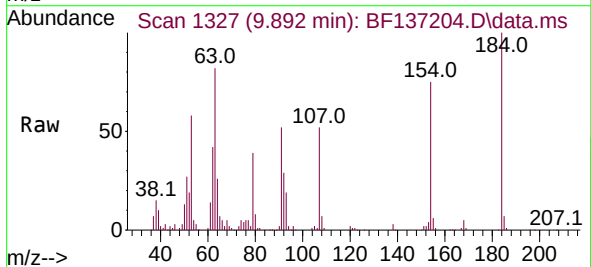
Instrument :
BNA_F
ClientSampleId :
PB158717BS

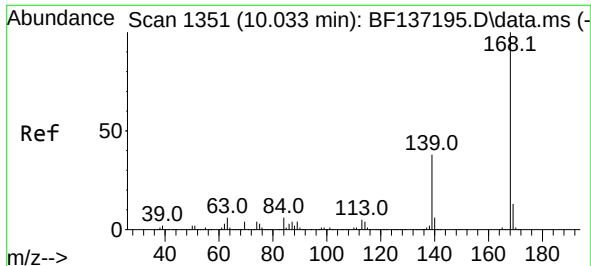
Tgt Ion:138 Resp: 45569
Ion Ratio Lower Upper
138 100
108 13.3 10.4 15.6
92 140.9 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 96.137 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:184 Resp: 94317
Ion Ratio Lower Upper
184 100
63 82.1 71.2 106.8
154 75.0 64.9 97.3

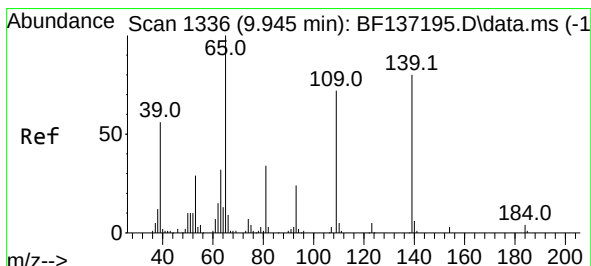
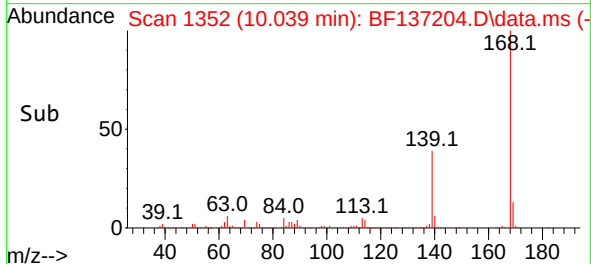
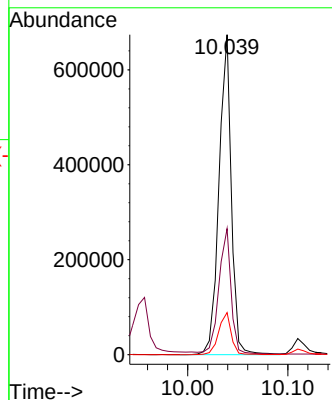
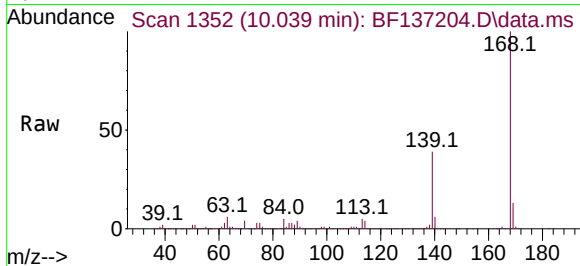




#55
Dibenzofuran
Concen: 43.770 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

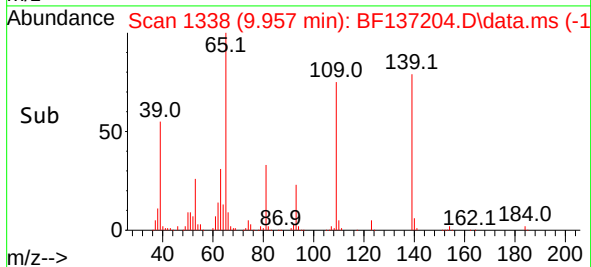
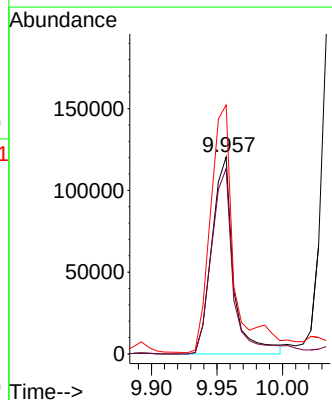
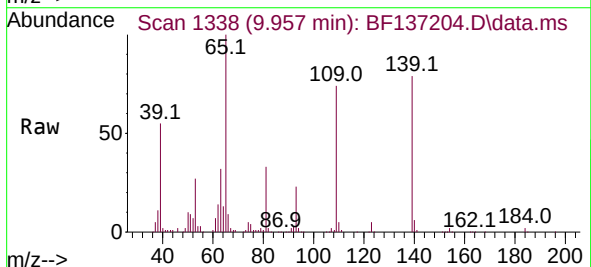
Instrument :
BNA_F
ClientSampleId :
PB158717BS

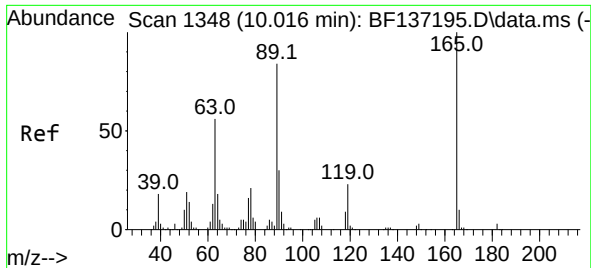
Tgt Ion:168 Resp: 573914
Ion Ratio Lower Upper
168 100
139 39.4 31.1 46.7
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 101.340 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:139 Resp: 138323
Ion Ratio Lower Upper
139 100
109 94.1 70.4 110.4
65 126.5 107.6 147.6

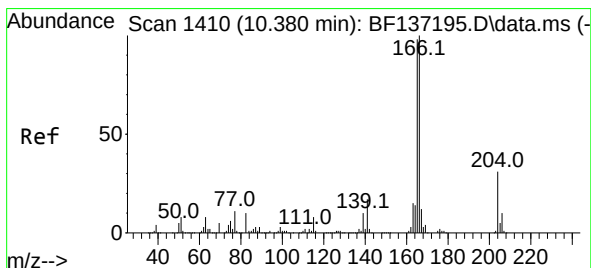
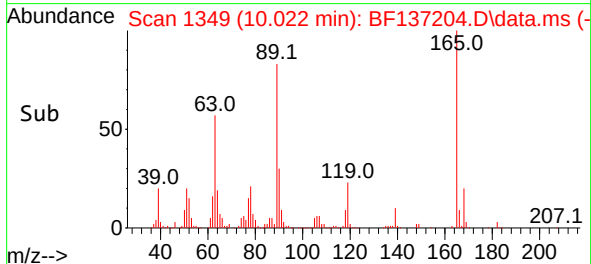
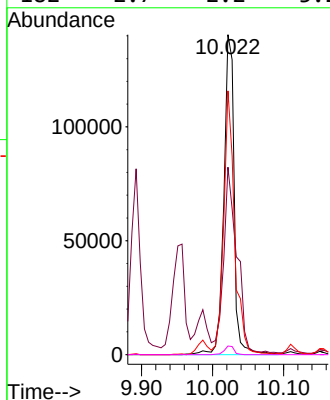
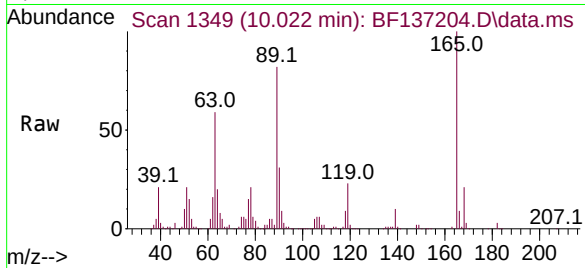




#57
2,4-Dinitrotoluene
Concen: 50.948 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

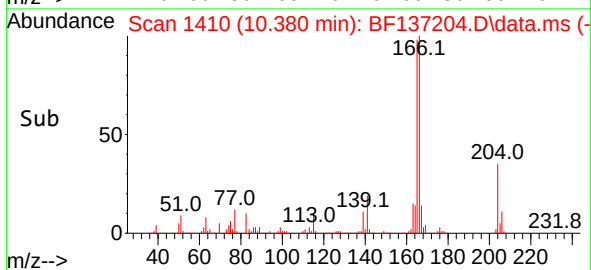
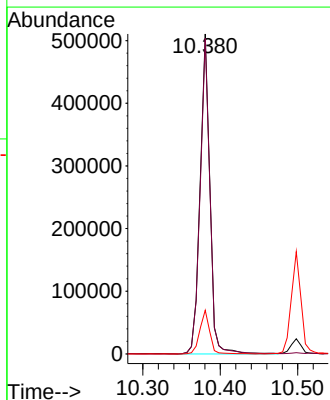
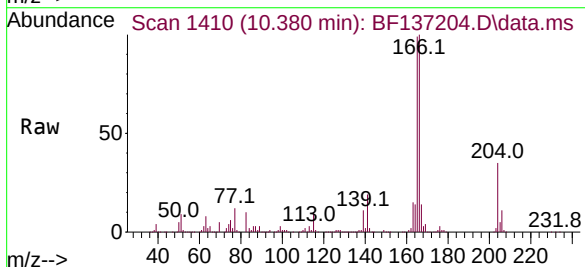
Instrument :
BNA_F
ClientSampleId :
PB158717BS

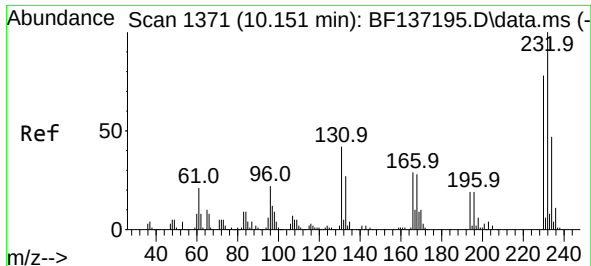
Tgt Ion:165 Resp: 141673
Ion Ratio Lower Upper
165 100
63 58.6 46.1 69.1
89 82.4 67.5 101.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 43.615 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:166 Resp: 448338
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 13.6 10.0 15.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.358 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.041 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

Tgt Ion:232 Resp: 130246

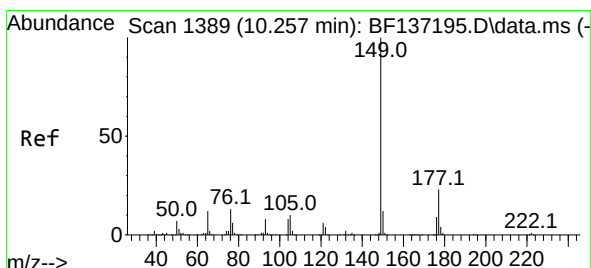
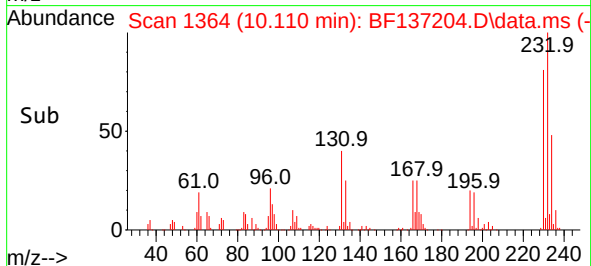
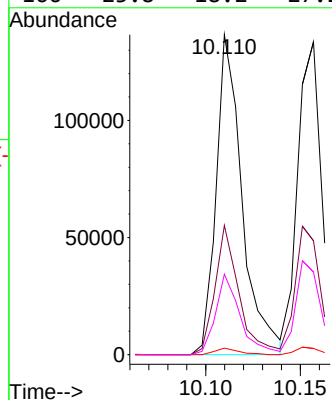
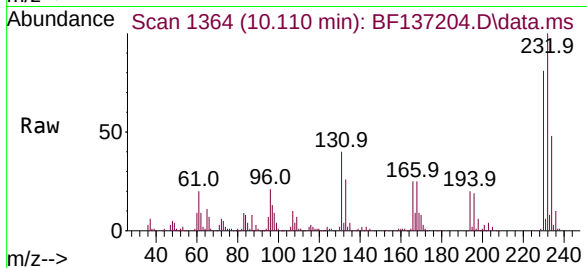
Ion Ratio Lower Upper

232 100

131 37.3 27.4 41.2

130 1.8 1.7 2.5

166 23.8 18.2 27.2



#60

Diethylphthalate

Concen: 46.170 ng

RT: 10.263 min Scan# 1390

Delta R.T. 0.006 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

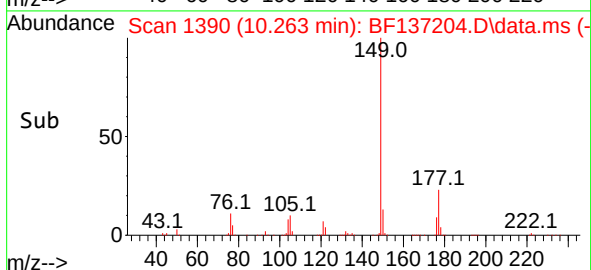
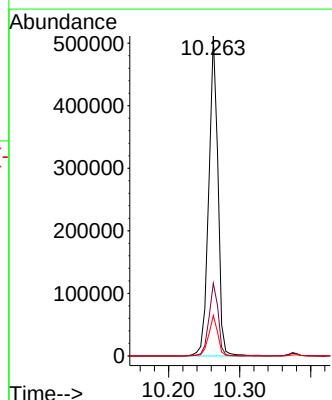
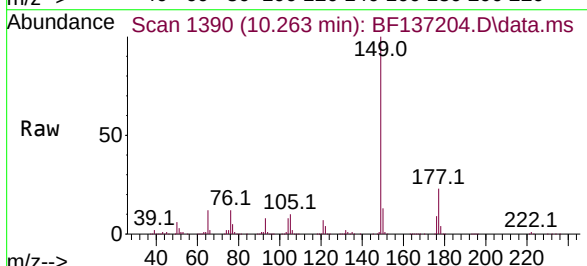
Tgt Ion:149 Resp: 456886

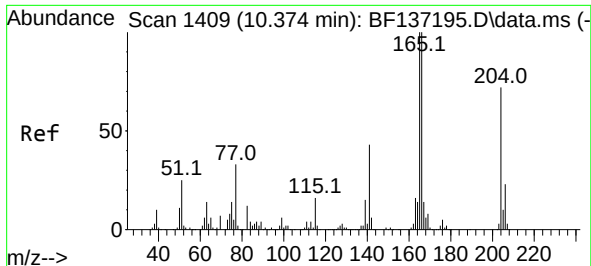
Ion Ratio Lower Upper

149 100

177 22.7 18.0 27.0

150 12.7 9.6 14.4

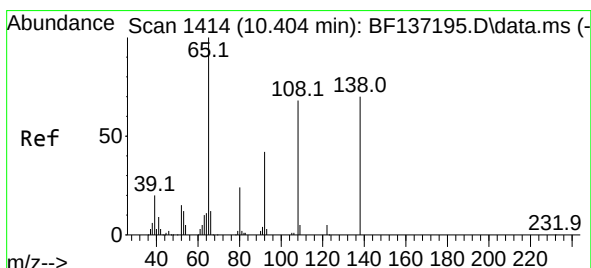
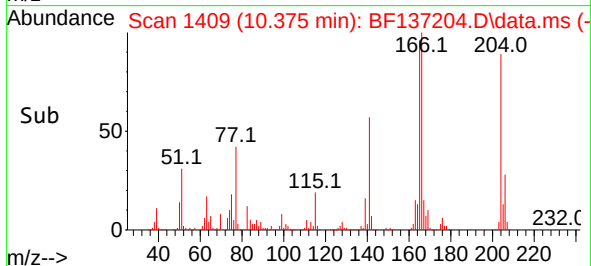
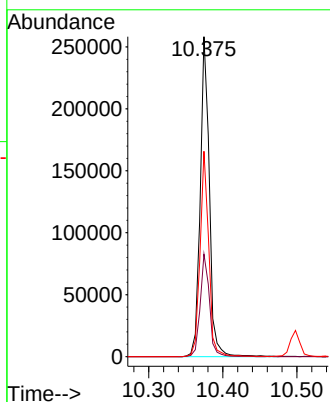
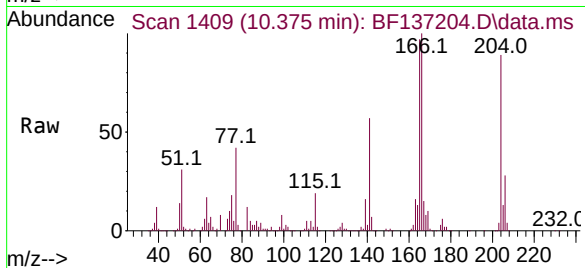




#61
4-Chlorophenyl-phenylether
Concen: 43.202 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

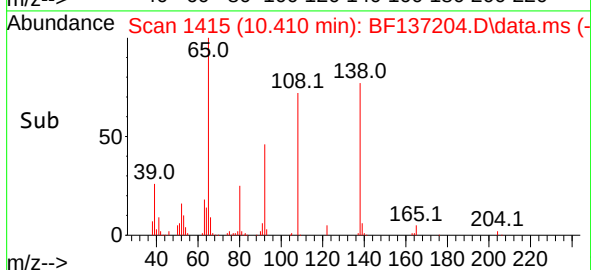
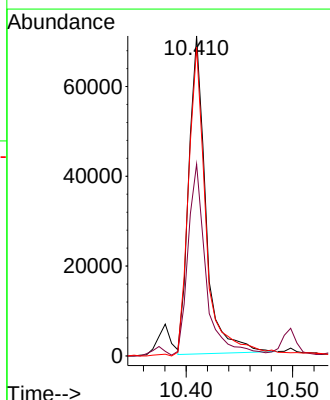
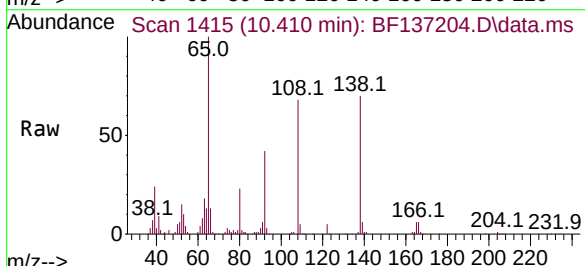
Instrument :
BNA_F
ClientSampleId :
PB158717BS

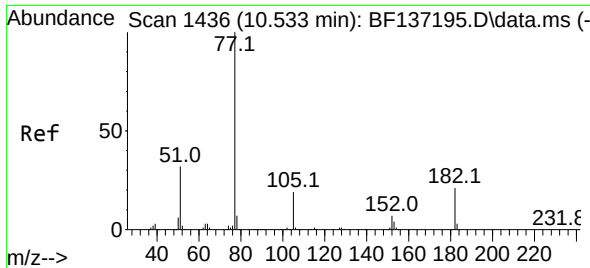
Tgt Ion:204 Resp: 220737
Ion Ratio Lower Upper
204 100
206 32.0 25.5 38.3
141 64.2 48.3 72.5



#62
4-Nitroaniline
Concen: 42.546 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:138 Resp: 78541
Ion Ratio Lower Upper
138 100
92 59.9 39.3 79.3
108 96.5 75.3 115.3

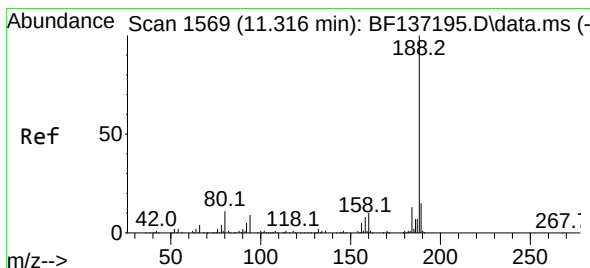
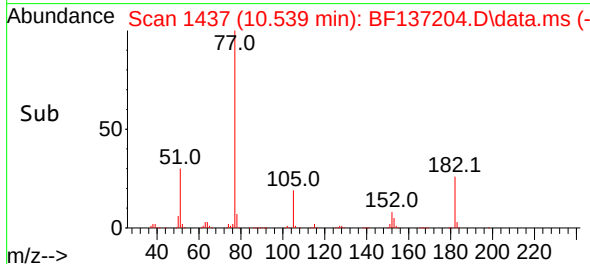
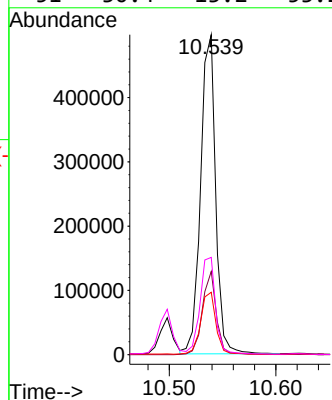
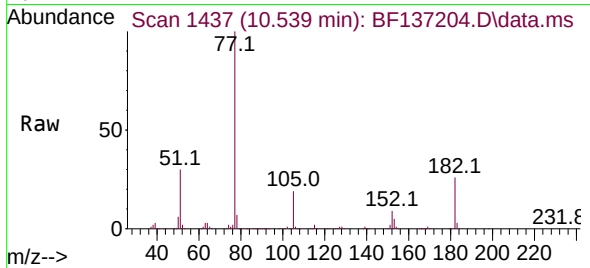




#63
Azobenzene
Concen: 44.292 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

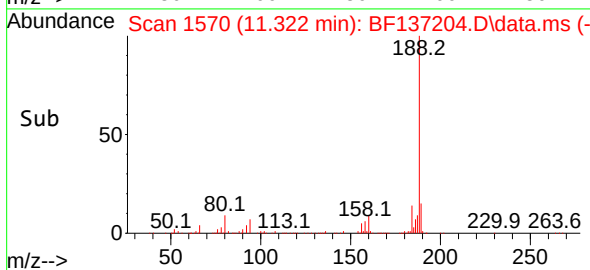
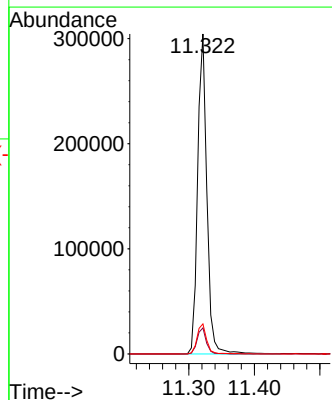
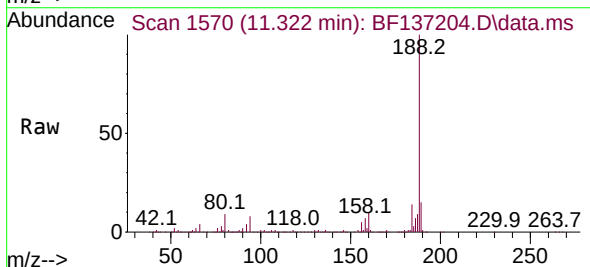
Instrument :
BNA_F
ClientSampleId :
PB158717BS

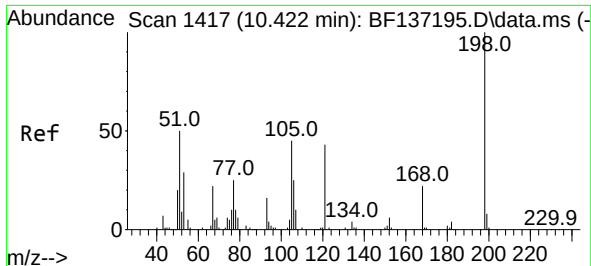
Tgt Ion: 77	Resp: 485414
Ion Ratio	Lower Upper
77	100
182	26.0 1.1 41.1
105	19.5 0.0 38.9
51	30.4 13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 188	Resp: 296747
Ion Ratio	Lower Upper
188	100
94	8.1 7.0 10.4
80	9.4 8.8 13.2

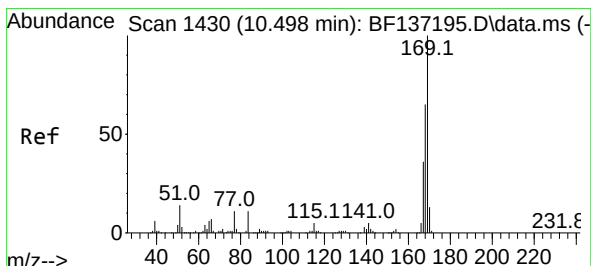
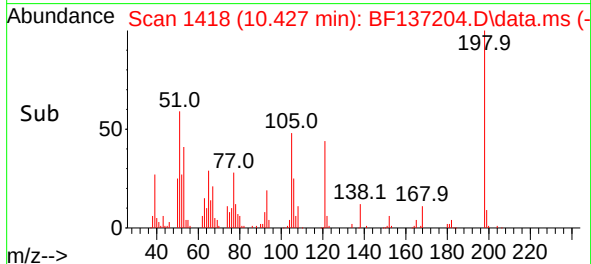
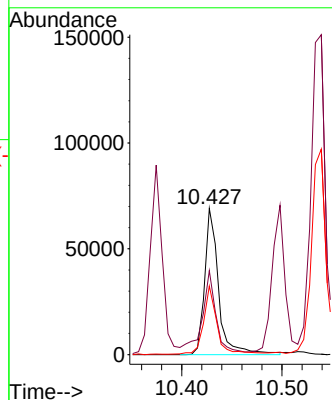
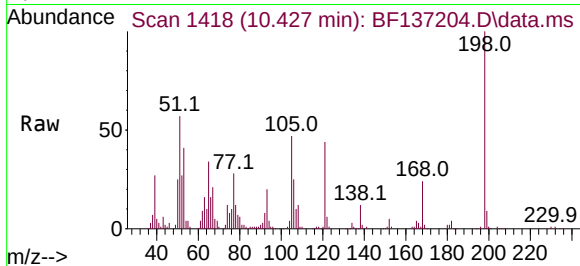




#65
4,6-Dinitro-2-methylphenol
Concen: 43.032 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

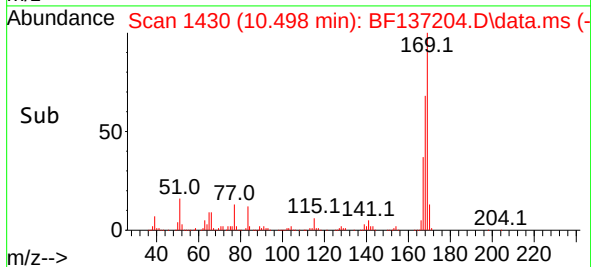
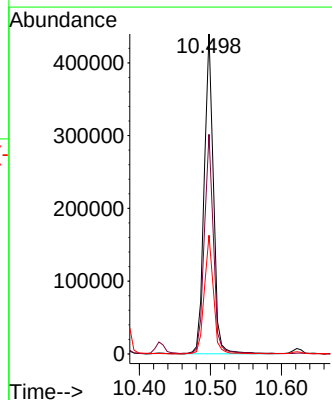
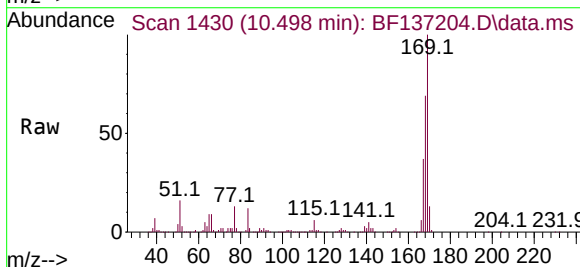
Instrument :
BNA_F
ClientSampleId :
PB158717BS

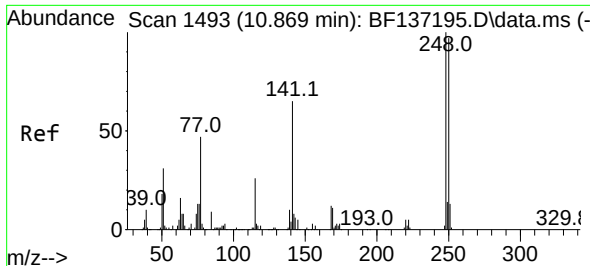
Tgt Ion:198 Resp: 66642
Ion Ratio Lower Upper
198 100
51 57.3 40.9 80.9
105 46.9 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 43.665 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:169 Resp: 393987
Ion Ratio Lower Upper
169 100
168 68.6 51.9 77.9
167 37.1 29.0 43.6

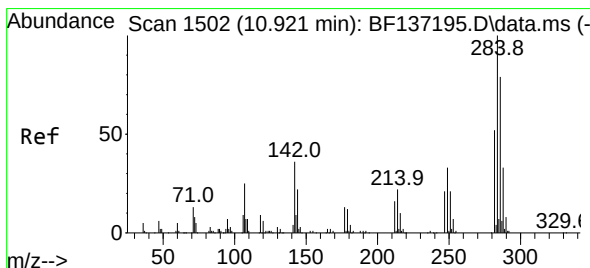
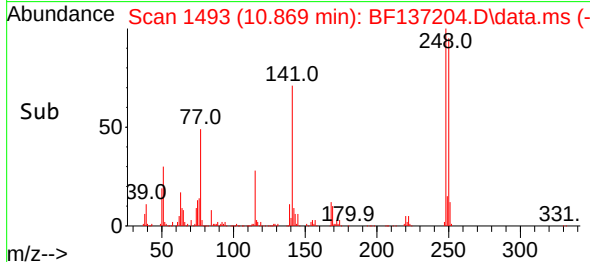
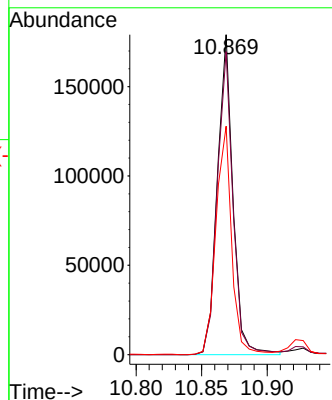
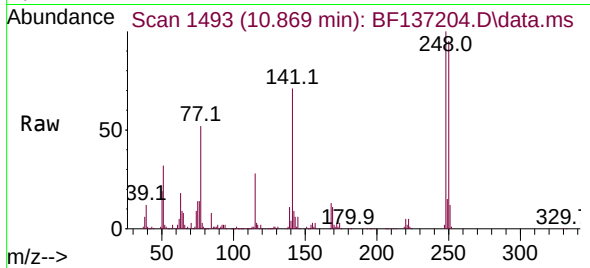




#67
4-Bromophenyl-phenylether
Concen: 45.413 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

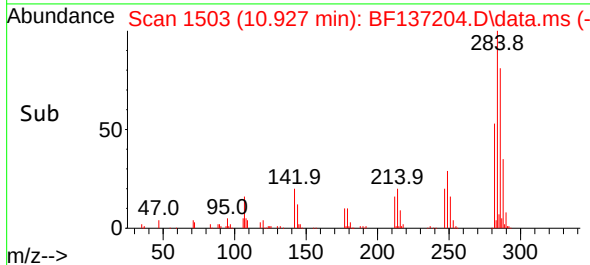
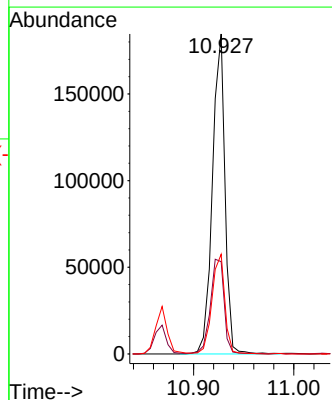
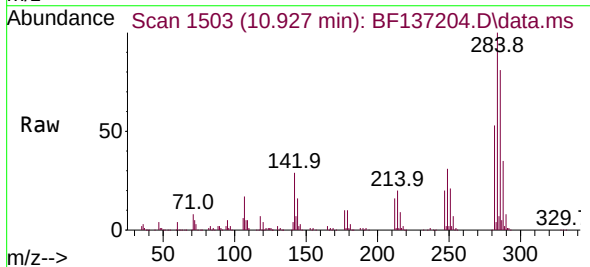
Instrument :
BNA_F
ClientSampleId :
PB158717BS

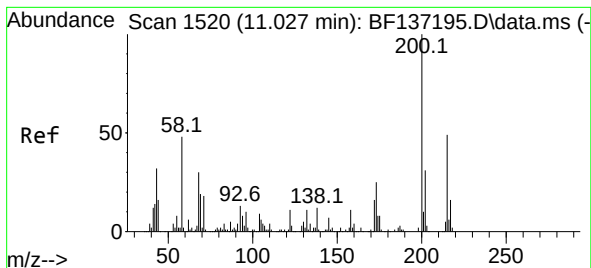
Tgt Ion:	248	Resp:	148180
Ion Ratio	Lower	Upper	
248	100		
250	94.7	77.7	116.5
141	71.4	51.6	77.4



#68
Hexachlorobenzene
Concen: 43.867 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:	284	Resp:	159879
Ion Ratio	Lower	Upper	
284	100		
142	28.8	28.7	43.1
249	31.1	27.0	40.4





#69

Atrazine

Concen: 48.619 ng

RT: 11.033 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

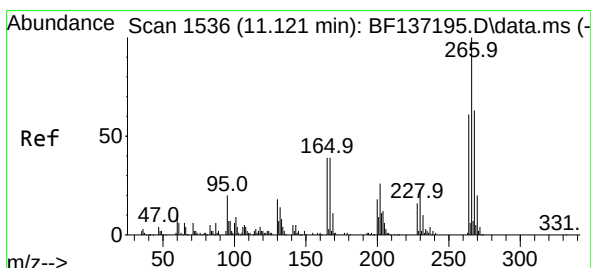
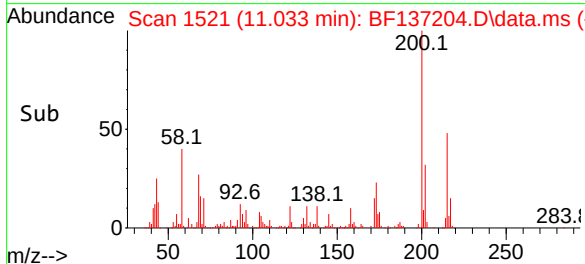
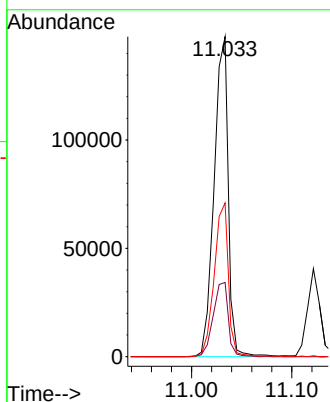
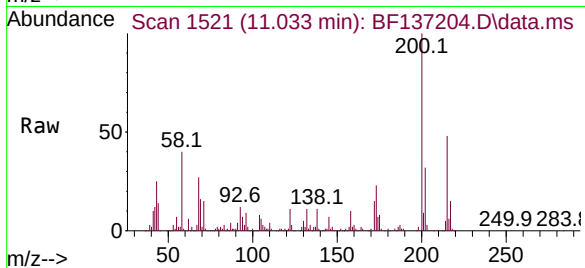
Tgt Ion:200 Resp: 144815

Ion Ratio Lower Upper

200 100

173 23.2 5.3 45.3

215 48.0 29.4 69.4



#70

Pentachlorophenol

Concen: 94.854 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.001 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

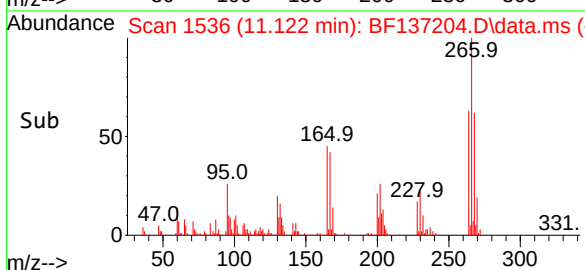
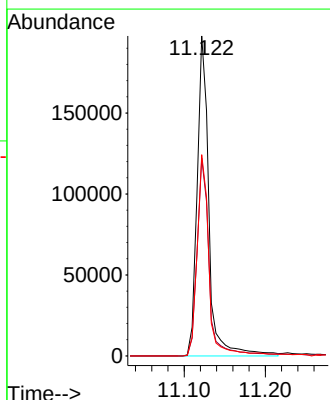
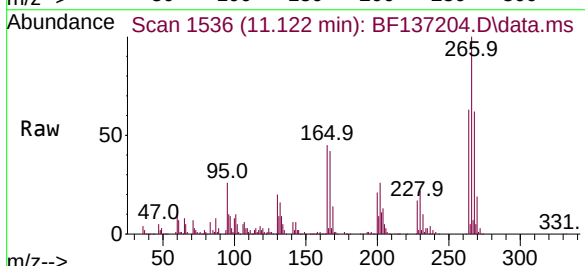
Tgt Ion:266 Resp: 198176

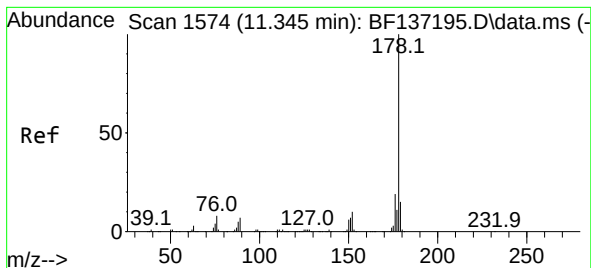
Ion Ratio Lower Upper

266 100

268 61.8 50.6 76.0

264 62.9 48.8 73.2





#71

Phenanthrene

Concen: 43.399 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

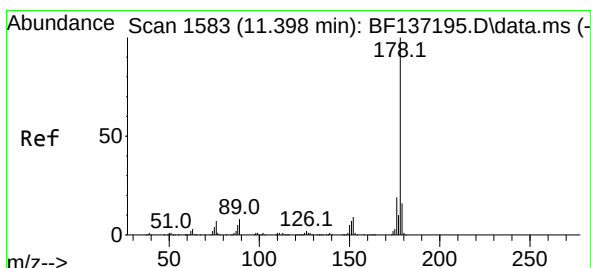
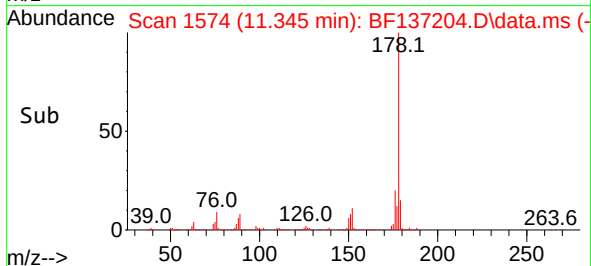
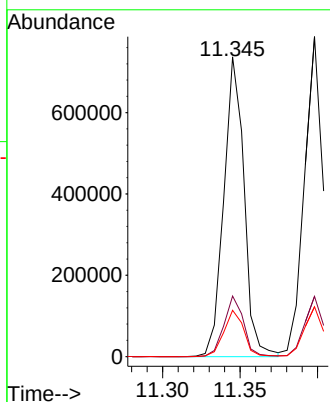
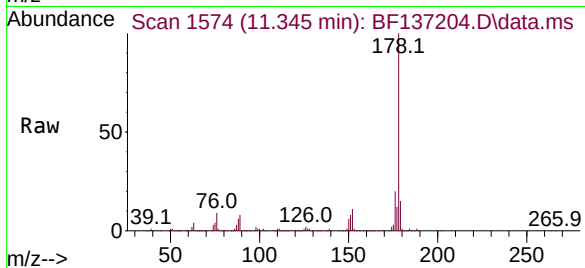
Tgt Ion:178 Resp: 674212

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

179 15.5 12.1 18.1



#72

Anthracene

Concen: 42.938 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

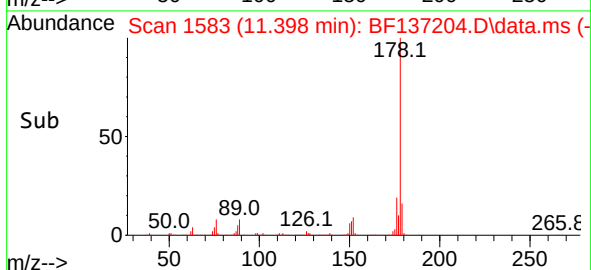
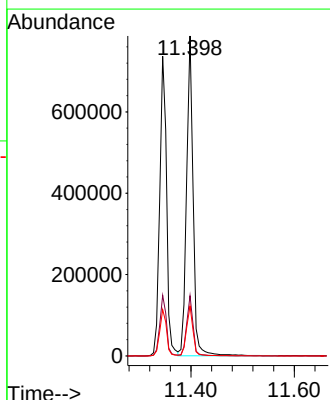
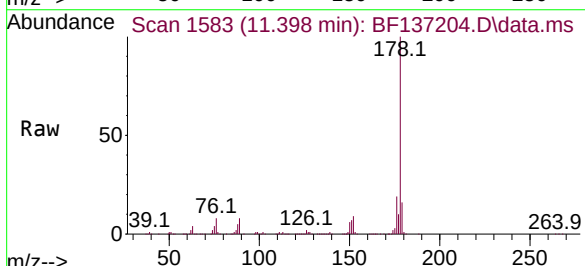
Tgt Ion:178 Resp: 695256

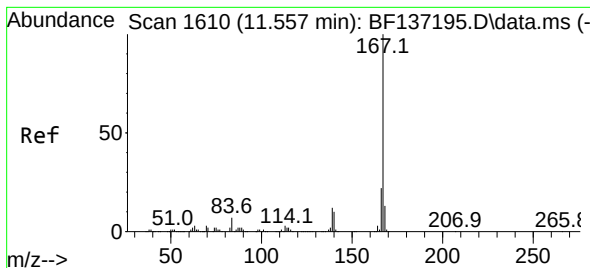
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.6 12.7 19.1





#73

Carbazole

Concen: 43.866 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

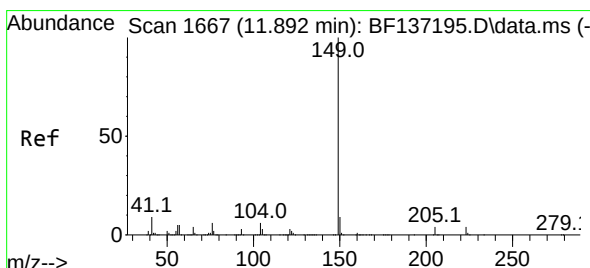
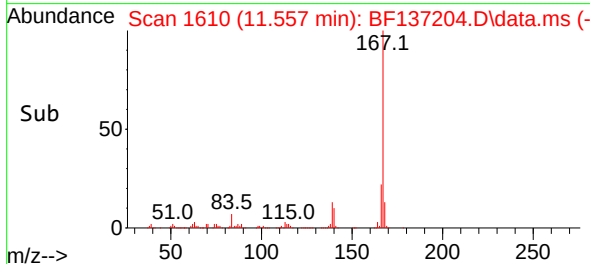
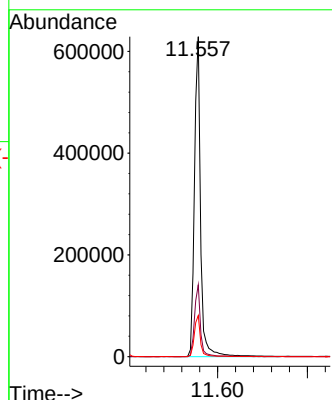
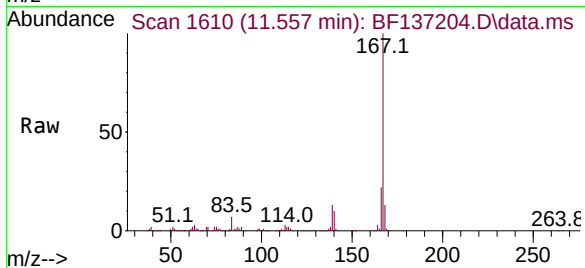
Tgt Ion:167 Resp: 593599

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

139 12.8 9.7 14.5



#74

Di-n-butylphthalate

Concen: 47.724 ng

RT: 11.892 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

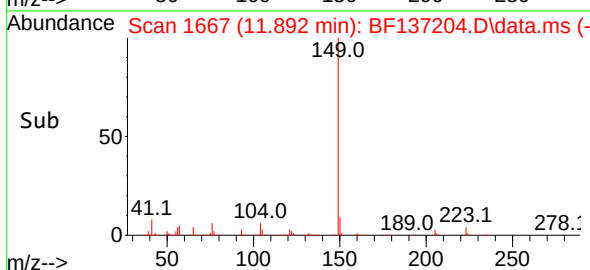
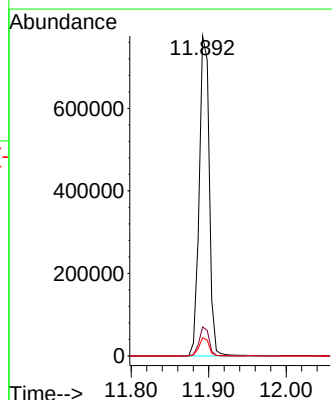
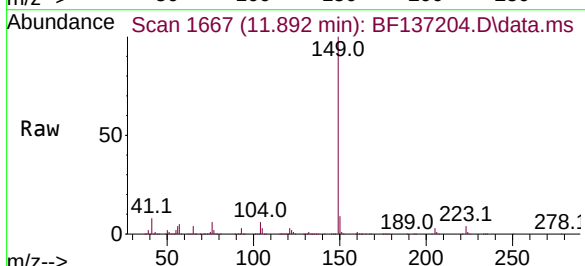
Tgt Ion:149 Resp: 698106

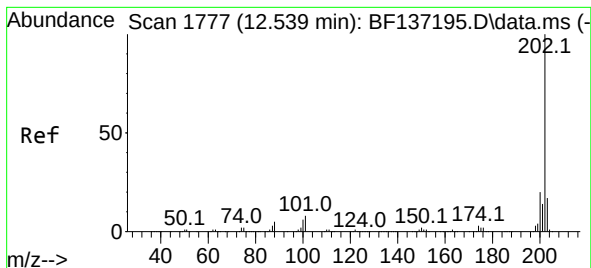
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.7 4.5 6.7





#75

Fluoranthene

Concen: 43.100 ng

RT: 12.539 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

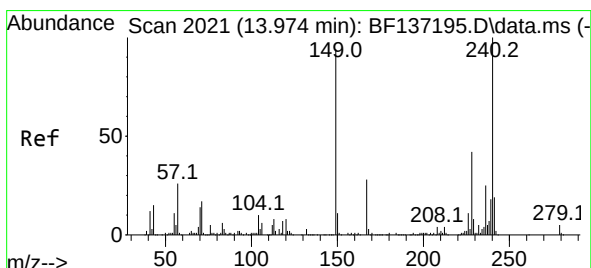
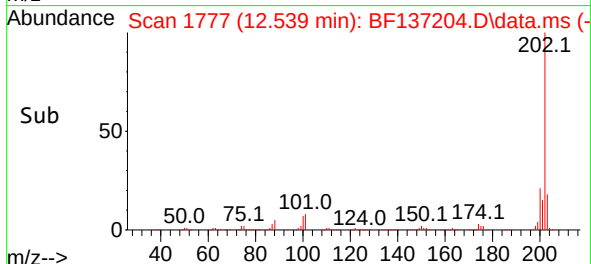
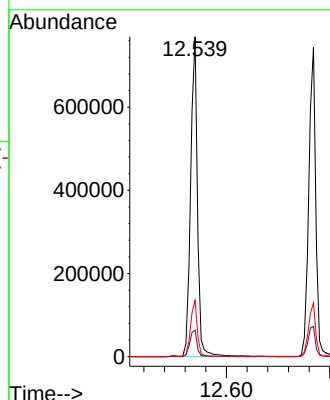
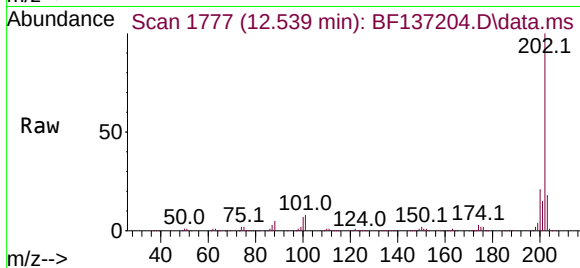
Tgt Ion:202 Resp: 700643

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.4

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

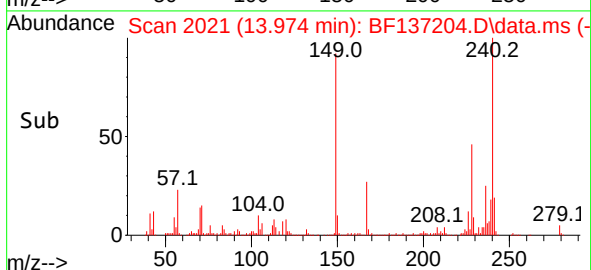
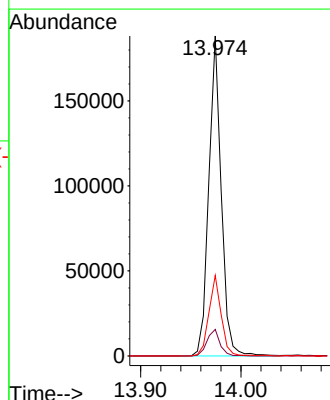
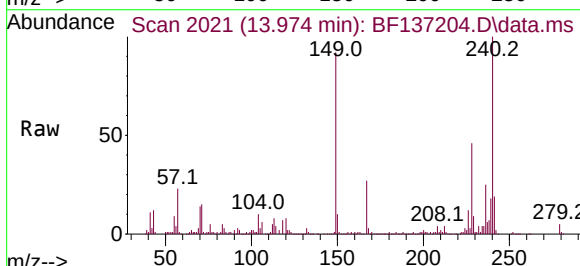
Tgt Ion:240 Resp: 161894

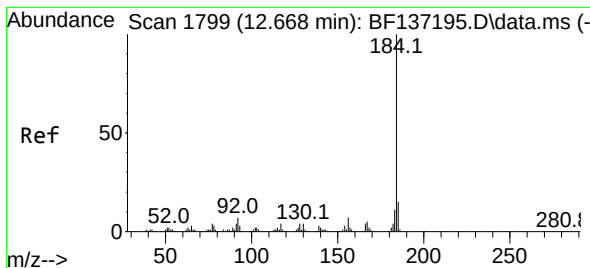
Ion Ratio Lower Upper

240 100

120 8.3 6.3 9.5

236 25.1 20.3 30.5





#77

Benzidine

Concen: 28.399 ng

RT: 12.669 min Scan# 1799

Delta R.T. 0.001 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

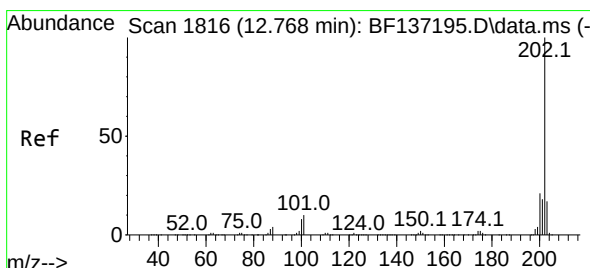
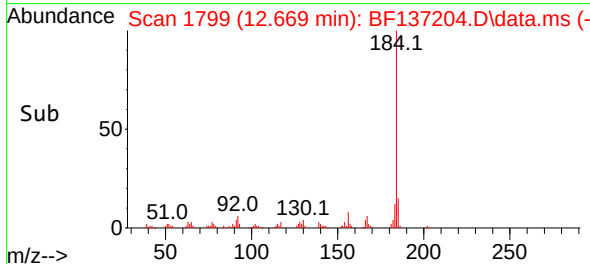
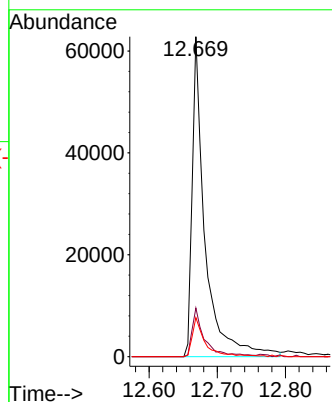
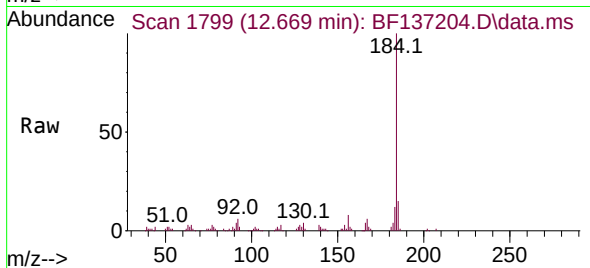
Tgt Ion:184 Resp: 82326

Ion Ratio Lower Upper

184 100

185 15.2 11.9 17.9

183 12.2 8.8 13.2



#78

Pyrene

Concen: 44.822 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

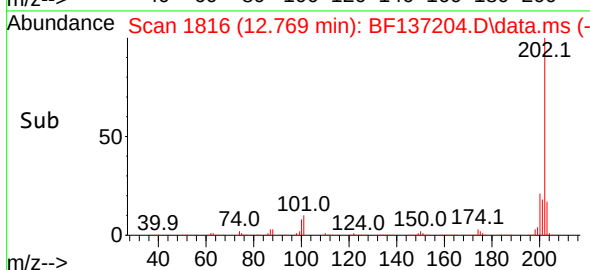
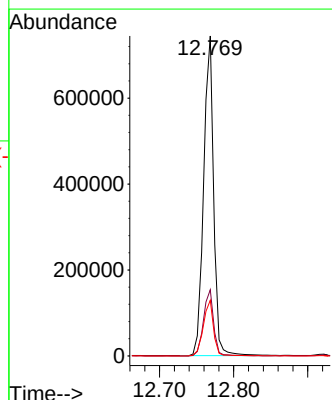
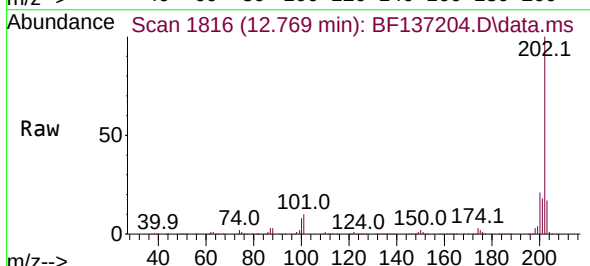
Tgt Ion:202 Resp: 697341

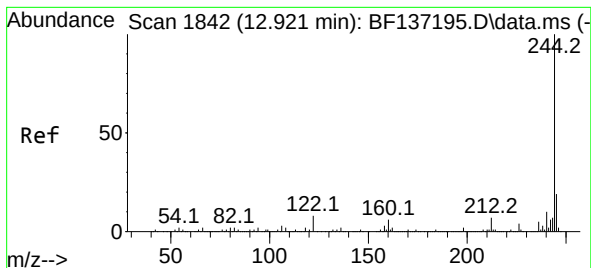
Ion Ratio Lower Upper

202 100

200 20.7 16.5 24.7

203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 89.340 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

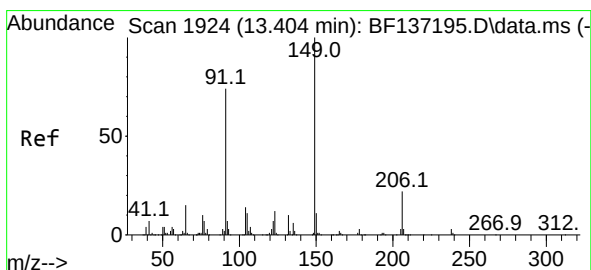
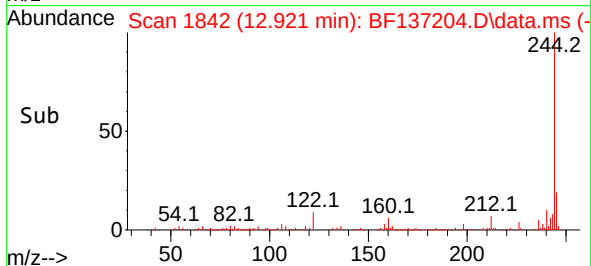
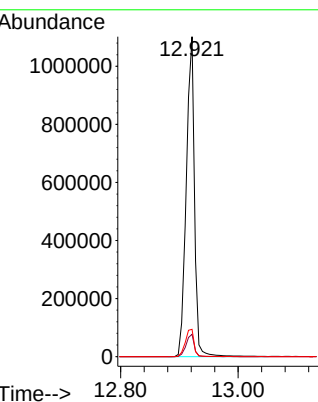
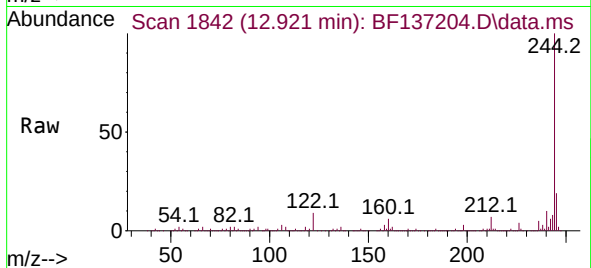
Tgt Ion:244 Resp: 1063936

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.5 6.2 9.4



#80

Butylbenzylphthalate

Concen: 51.014 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

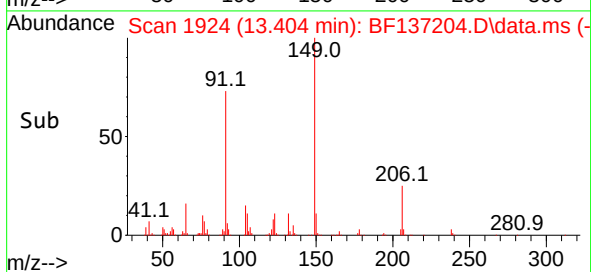
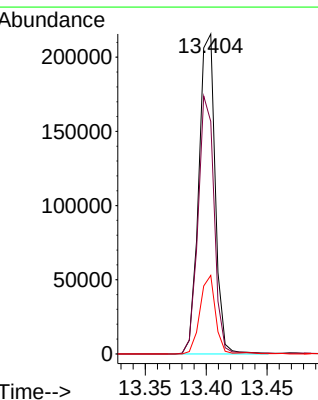
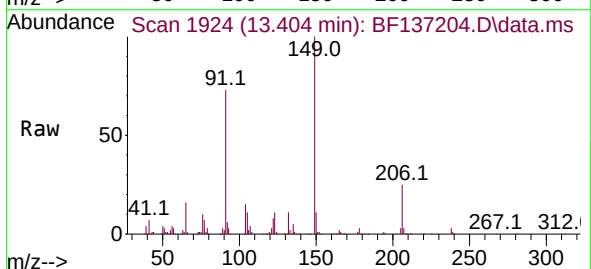
Tgt Ion:149 Resp: 203032

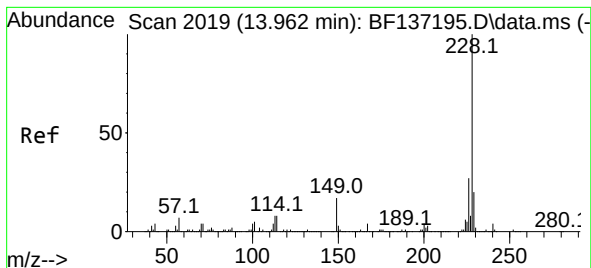
Ion Ratio Lower Upper

149 100

91 72.6 58.8 88.2

206 24.5 17.7 26.5





#81

Benzo(a)anthracene

Concen: 44.763 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

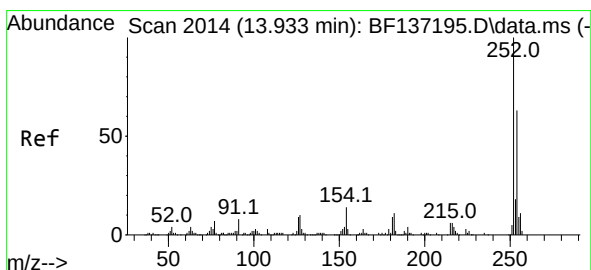
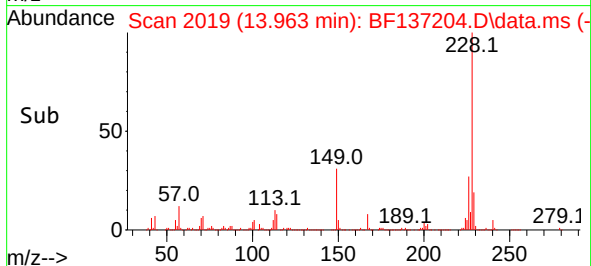
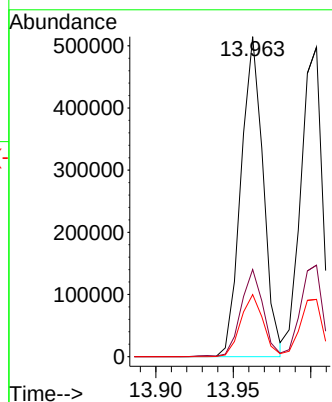
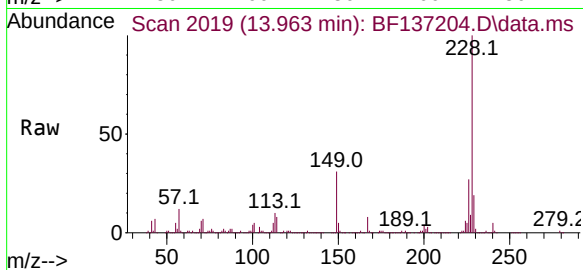
Tgt Ion:228 Resp: 513225

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 27.500 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

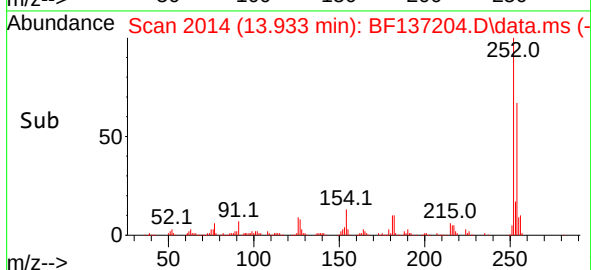
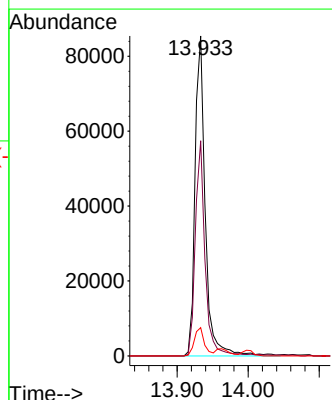
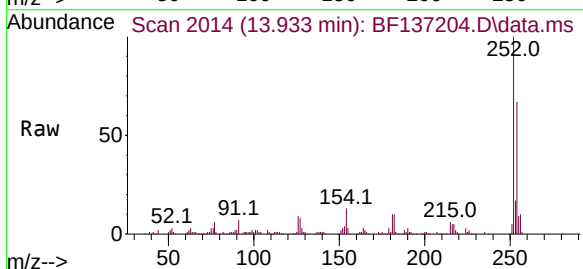
Tgt Ion:252 Resp: 85902

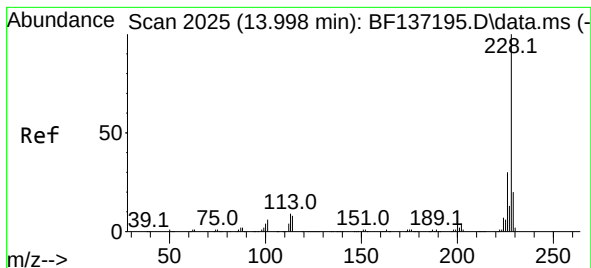
Ion Ratio Lower Upper

252 100

254 67.2 50.2 75.2

126 8.8 7.0 10.6





#83

Chrysene

Concen: 44.024 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

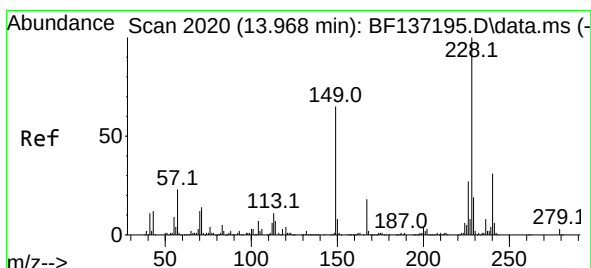
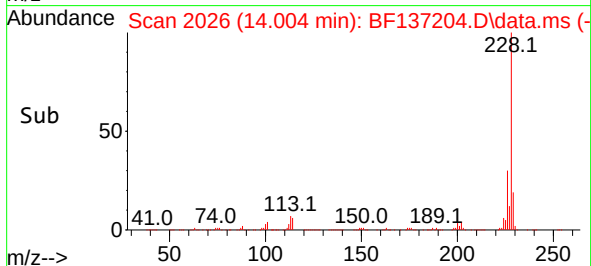
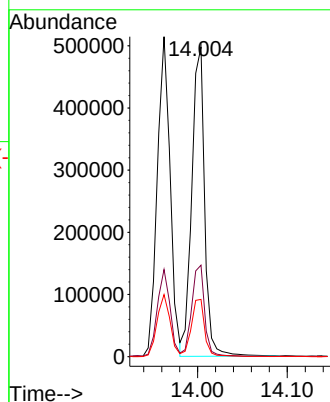
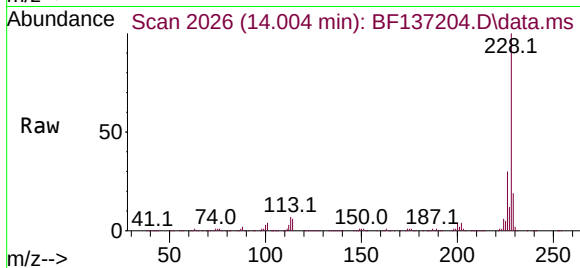
Tgt Ion:228 Resp: 496237

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 18.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.508 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

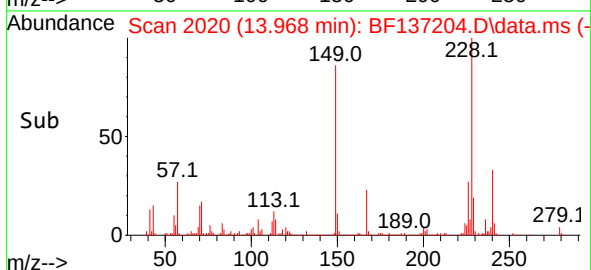
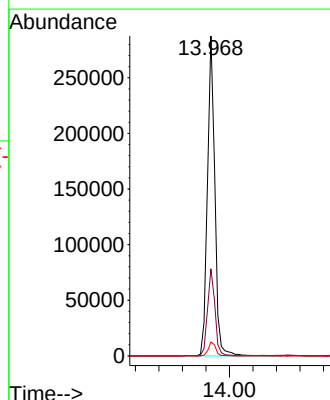
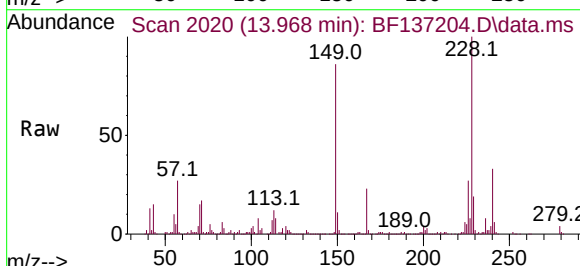
Tgt Ion:149 Resp: 252388

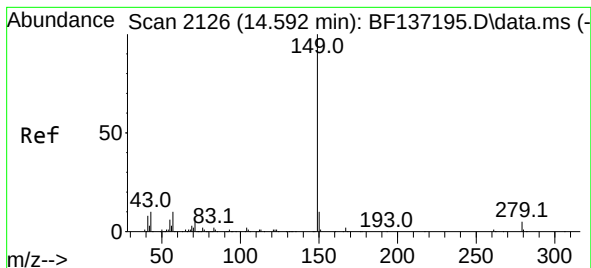
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 56.496 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB158717BS

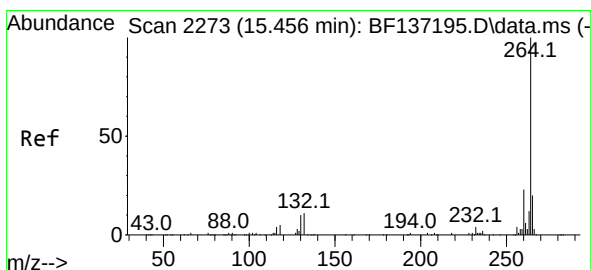
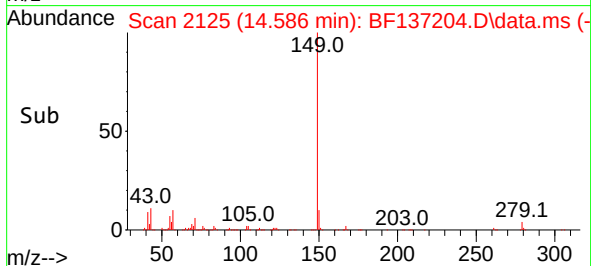
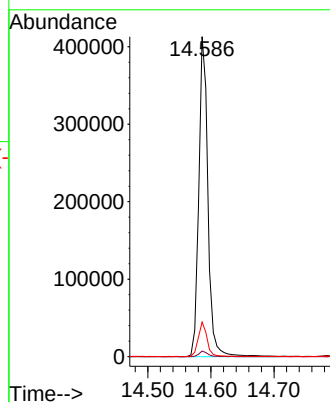
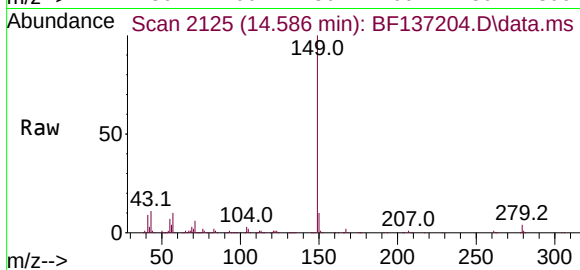
Tgt Ion:149 Resp: 415942

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 10.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF137204.D

Acq: 31 Jan 2024 11:58

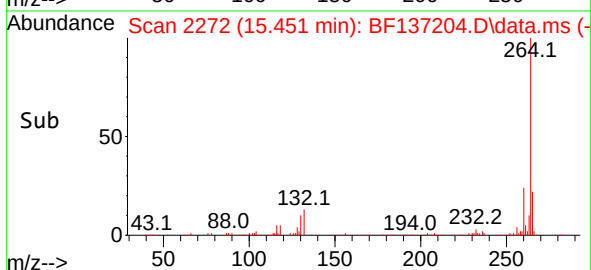
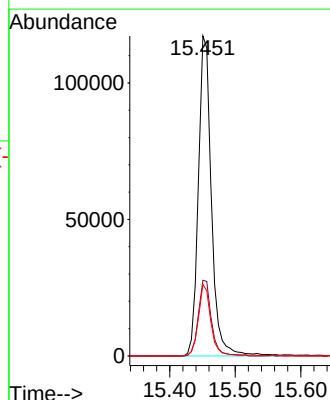
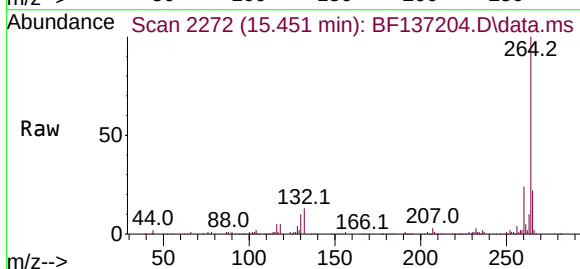
Tgt Ion:264 Resp: 161771

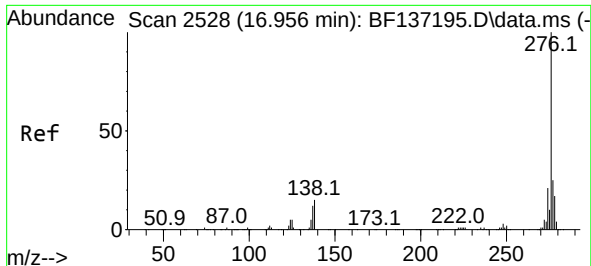
Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 22.3 16.2 24.2

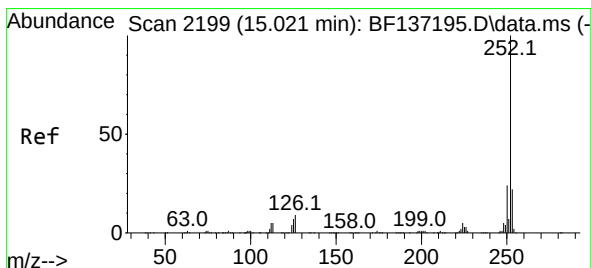
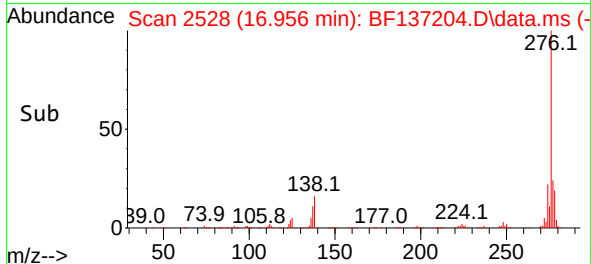
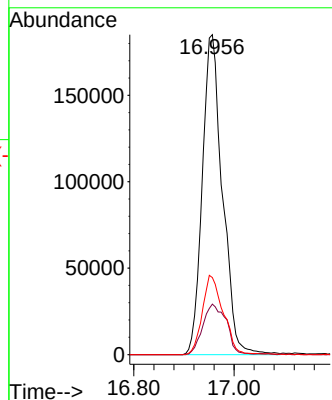
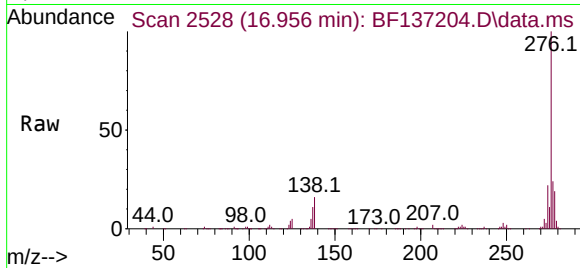




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.519 ng
RT: 16.956 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

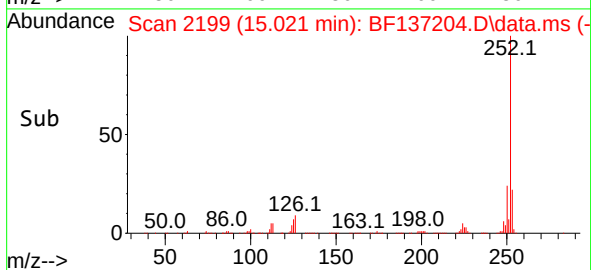
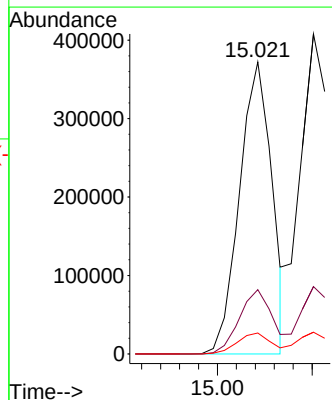
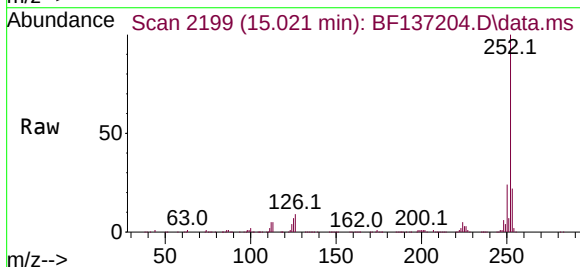
Instrument :
BNA_F
ClientSampleId :
PB158717BS

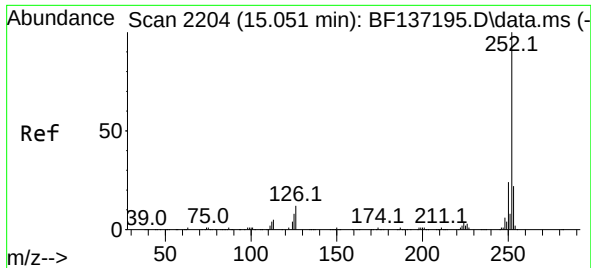
Tgt Ion:276 Resp: 517334
Ion Ratio Lower Upper
276 100
138 18.4 14.6 21.8
277 25.5 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 44.640 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:252 Resp: 444108
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.2 5.4 8.2

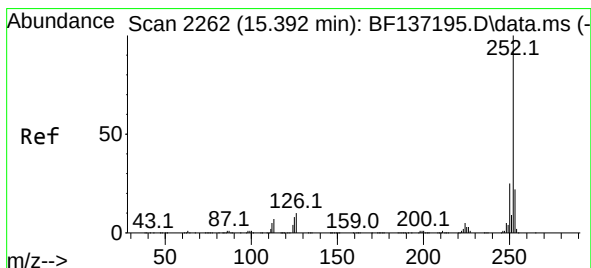
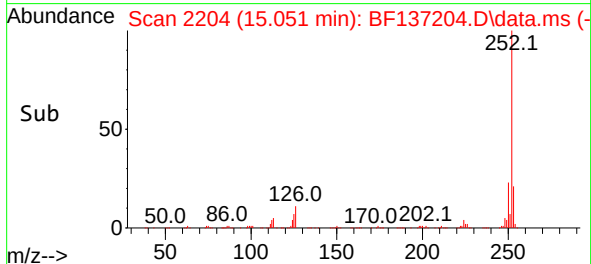
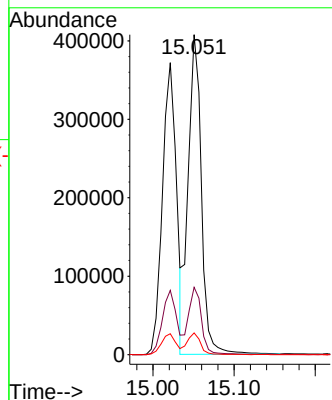
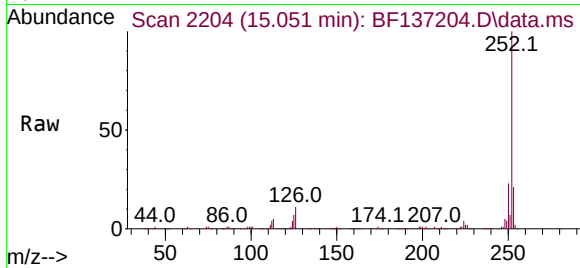




#89
Benzo(k)fluoranthene
Concen: 43.767 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

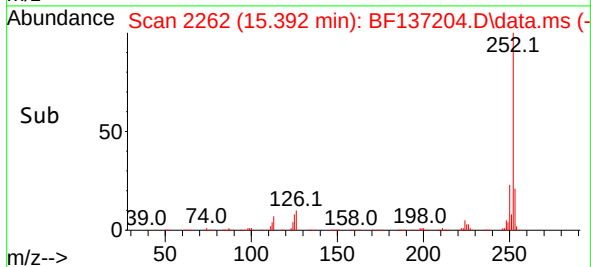
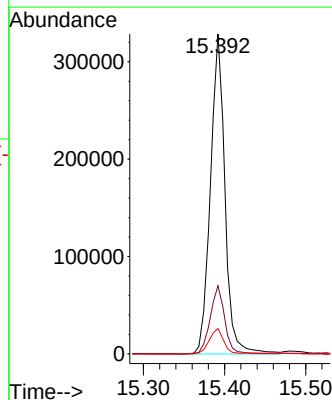
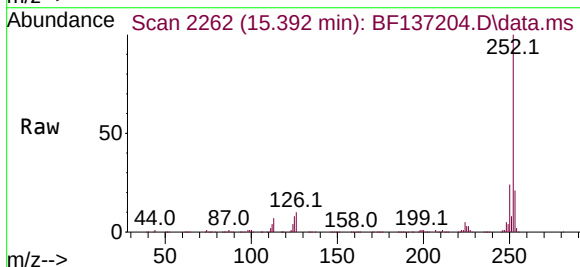
Instrument :
BNA_F
ClientSampleId :
PB158717BS

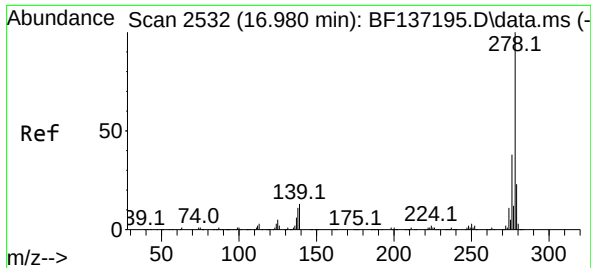
Tgt Ion:252 Resp: 460633
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 6.8 5.9 8.9



#90
Benzo(a)pyrene
Concen: 43.662 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:252 Resp: 408783
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 7.9 6.5 9.7

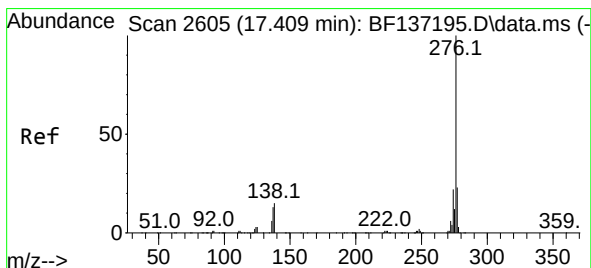
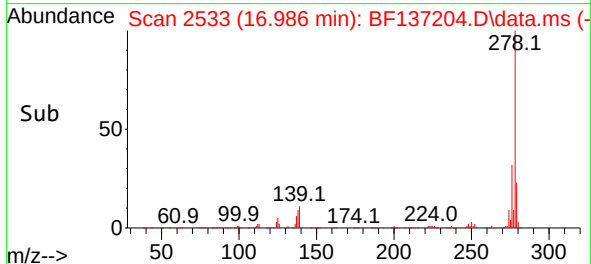
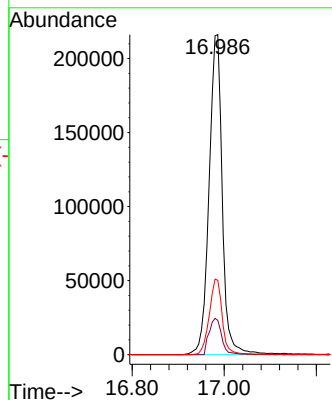
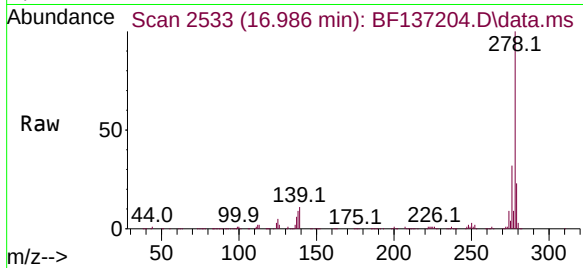




#91
Dibenzo(a,h)anthracene
Concen: 47.074 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB158717BS

Tgt Ion:278 Resp: 428691
Ion Ratio Lower Upper
278 100
139 10.7 10.0 15.0
279 23.2 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 46.821 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF137204.D
Acq: 31 Jan 2024 11:58

Tgt Ion:276 Resp: 418489
Ion Ratio Lower Upper
276 100
277 23.4 18.4 27.6
138 15.4 11.8 17.8

