

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137314.D
 Acq On : 07 Feb 2024 11:43
 Operator : CG\JU
 Sample : PB158865BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158865BS

Quant Time: Feb 07 12:01:50 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	58870	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	223318	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	129728	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	258602	20.000	ng	0.00
76) Chrysene-d12	13.974	240	188317	20.000	ng	0.00
86) Perylene-d12	15.457	264	155847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	542101	151.947	ng	0.02
7) Phenol-d6	6.434	99	697019	136.899	ng	0.00
23) Nitrobenzene-d5	7.357	82	484901	97.215	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	228800	156.168	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	871592	92.359	ng	0.00
79) Terphenyl-d14	12.916	244	1173726	84.730	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	68815	36.048	ng	96
3) Pyridine	3.375	79	168109	43.781	ng	99
4) n-Nitrosodimethylamine	3.346	42	102762	52.213	ng	97
6) Aniline	6.457	93	215916	39.615	ng	96
8) 2-Chlorophenol	6.575	128	201410	50.490	ng	98
9) Benzaldehyde	6.339	77	56440	29.108	ng	93
10) Phenol	6.445	94	272635	47.972	ng	95
11) bis(2-Chloroethyl)ether	6.534	93	200549	52.804	ng	98
12) 1,3-Dichlorobenzene	6.728	146	226854	48.503	ng	97
13) 1,4-Dichlorobenzene	6.810	146	226283	46.781	ng	96
14) 1,2-Dichlorobenzene	6.957	146	217295	48.046	ng	97
15) Benzyl Alcohol	6.934	79	199823	55.242	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	316560	46.269	ng	100
17) 2-Methylphenol	7.045	107	173824	52.158	ng	98
18) Hexachloroethane	7.298	117	86283	49.459	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	169398	48.525	ng	99
20) 3+4-Methylphenols	7.198	107	213618	50.634	ng	96
22) Acetophenone	7.204	105	300968	50.061	ng	# 97
24) Nitrobenzene	7.375	77	249853	51.609	ng	97
25) Isophorone	7.610	82	451591	49.050	ng	98
26) 2-Nitrophenol	7.686	139	101110	53.643	ng	88
27) 2,4-Dimethylphenol	7.728	122	140061	53.224	ng	96
28) bis(2-Chloroethoxy)met...	7.822	93	246882	50.496	ng	99
29) 2,4-Dichlorophenol	7.928	162	173466	53.136	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	204122	50.338	ng	98
31) Naphthalene	8.092	128	597022	49.452	ng	99
32) Benzoic acid	7.863	122	112295	58.094	ng	99
33) 4-Chloroaniline	8.145	127	57662	13.885	ng	94
34) Hexachlorobutadiene	8.210	225	140396	52.070	ng	98
35) Caprolactam	8.516	113	27118	26.715	ng	98
36) 4-Chloro-3-methylphenol	8.628	107	200970	52.121	ng	99
37) 2-Methylnaphthalene	8.781	142	401157	49.563	ng	99
38) 1-Methylnaphthalene	8.880	142	381010	50.682	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	223918	51.584	ng	98
41) Hexachlorocyclopentadiene	8.933	237	289145	139.855	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	137196	55.723	ng	98

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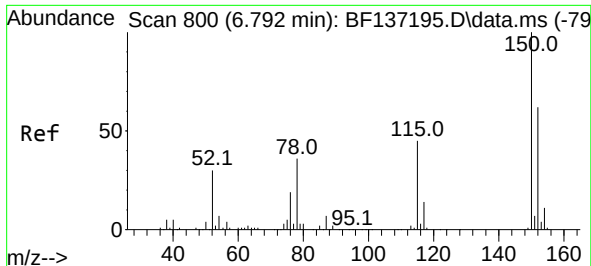
Quant Time: Feb 07 12:01:50 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	146359	54.384	ng	97
46) 1,1'-Biphenyl	9.251	154	521098	50.486	ng	99
47) 2-Chloronaphthalene	9.275	162	384533	50.341	ng	99
48) 2-Nitroaniline	9.375	65	135447	54.786	ng	97
49) Acenaphthylene	9.686	152	611827	50.033	ng	99
50) Dimethylphthalate	9.557	163	455190	51.938	ng	99
51) 2,6-Dinitrotoluene	9.616	165	105590	56.500	ng	96
52) Acenaphthene	9.863	154	363201	50.536	ng	99
53) 3-Nitroaniline	9.786	138	59661	35.474	ng	94
54) 2,4-Dinitrophenol	9.892	184	111152	125.863	ng	92
55) Dibenzofuran	10.033	168	572986	50.111	ng	99
56) 4-Nitrophenol	9.957	139	152839	Below Cal		95
57) 2,4-Dinitrotoluene	10.022	165	144400	59.549	ng	93
58) Fluorene	10.380	166	455306	50.793	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.110	232	134627	53.763	ng	95
60) Diethylphthalate	10.263	149	458383	53.119	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	227309	51.016	ng	98
62) 4-Nitroaniline	10.410	138	82557	51.284	ng	97
63) Azobenzene	10.533	77	483324	50.572	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	83631	59.568	ng	93
66) n-Nitrosodiphenylamine	10.492	169	398528	50.684	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	146020	51.352	ng	# 93
68) Hexachlorobenzene	10.922	284	161502	50.848	ng	98
69) Atrazine	11.027	200	143546	55.301	ng	99
70) Pentachlorophenol	11.122	266	212840	116.899	ng	99
71) Phenanthrene	11.345	178	691137	51.051	ng	99
72) Anthracene	11.398	178	715651	50.717	ng	99
73) Carbazole	11.557	167	629418	53.373	ng	99
74) Di-n-butylphthalate	11.892	149	736000	57.736	ng	99
75) Fluoranthene	12.539	202	776409	54.806	ng	99
77) Benzidine	12.668	184	223286	66.216	ng	99
78) Pyrene	12.768	202	801514	44.289	ng	99
80) Butylbenzylphthalate	13.398	149	296239	63.989	ng	92
81) Benzo(a)anthracene	13.963	228	668144	50.098	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	154112	42.413	ng	98
83) Chrysene	14.004	228	676490	51.594	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	401922	74.623	ng	# 98
85) Di-n-octyl phthalate	14.586	149	635101	74.160	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	537570	49.097	ng	99
88) Benzo(b)fluoranthene	15.021	252	541547	56.503	ng	98
89) Benzo(k)fluoranthene	15.057	252	504362	49.743	ng	99
90) Benzo(a)pyrene	15.392	252	452988	50.223	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	439576	50.104	ng	98
92) Benzo(g,h,i)perylene	17.415	276	430542	50.001	ng	99

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

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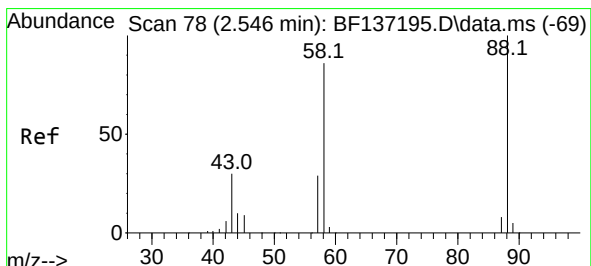
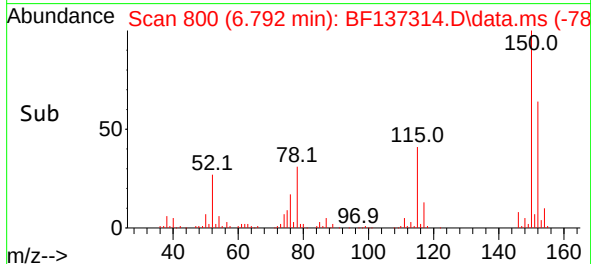
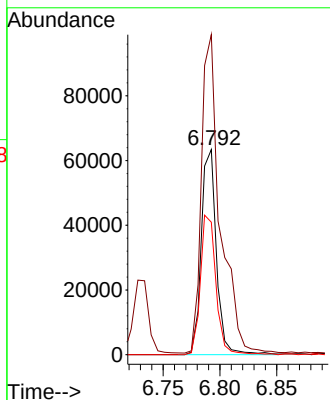
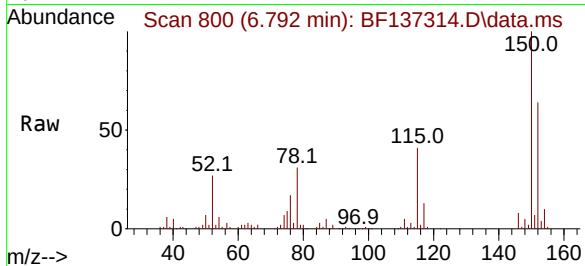




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF137314.D
 Acq: 07 Feb 2024 11:43

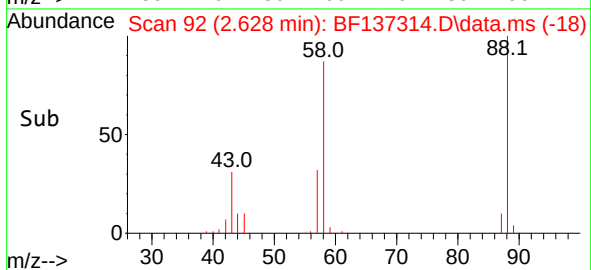
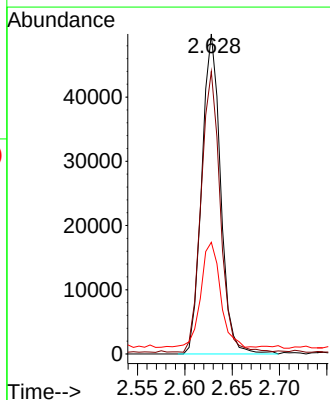
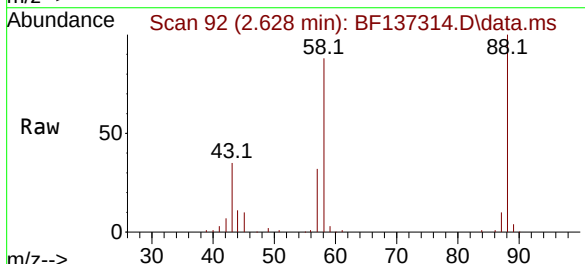
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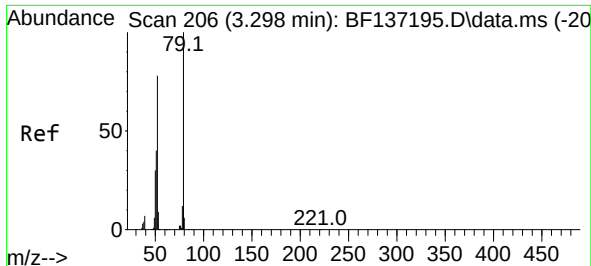
Tgt Ion:152 Resp: 58870
 Ion Ratio Lower Upper
 152 100
 150 156.0 129.8 194.8
 115 64.6 58.5 87.7



#2
 1,4-Dioxane
 Concen: 36.048 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.082 min
 Lab File: BF137314.D
 Acq: 07 Feb 2024 11:43

Tgt Ion: 88 Resp: 68815
 Ion Ratio Lower Upper
 88 100
 58 88.7 67.8 101.8
 43 34.3 26.6 40.0

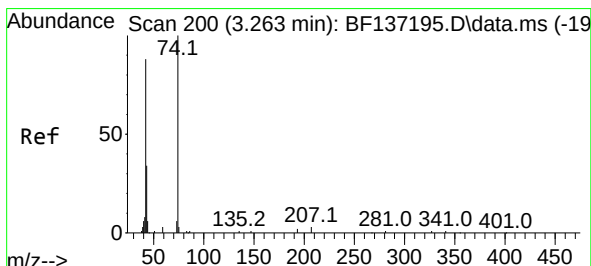
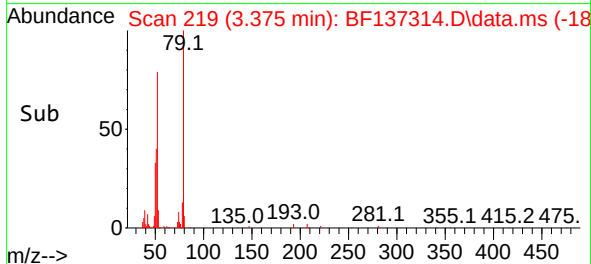
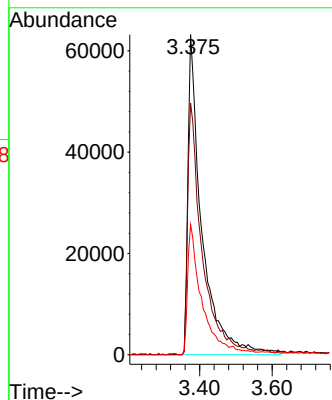
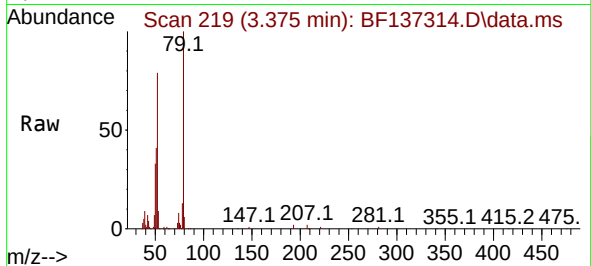




#3
 Pyridine
 Concen: 43.781 ng
 RT: 3.375 min Scan# 219
 Delta R.T. 0.077 min
 Lab File: BF137314.D
 Acq: 07 Feb 2024 11:43

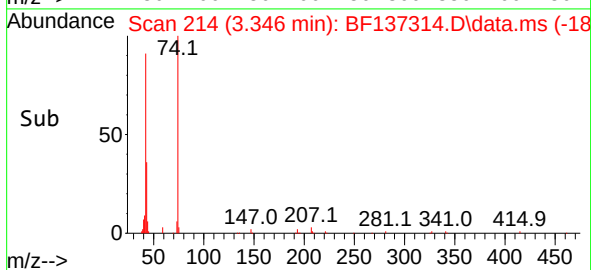
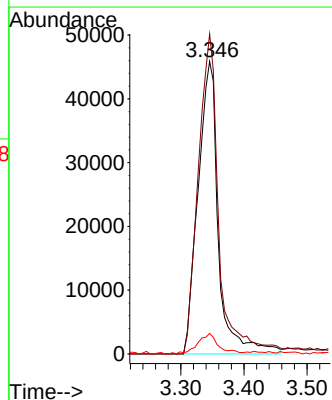
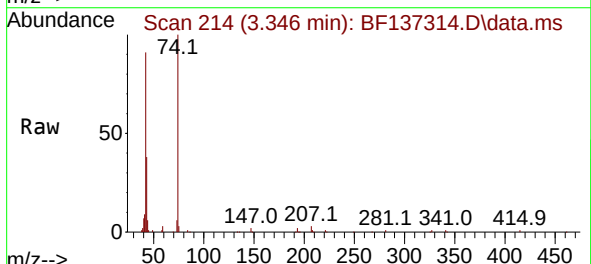
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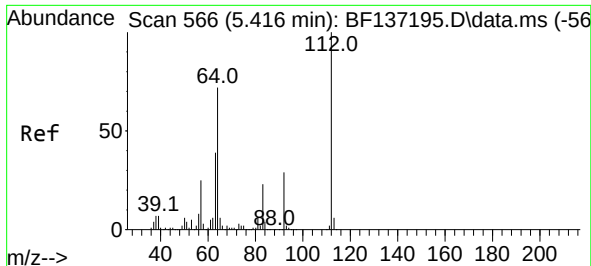
Tgt Ion: 79 Resp: 168109
 Ion Ratio Lower Upper
 79 100
 52 78.6 62.6 94.0
 51 40.7 33.0 49.4



#4
 n-Nitrosodimethylamine
 Concen: 52.213 ng
 RT: 3.346 min Scan# 214
 Delta R.T. 0.083 min
 Lab File: BF137314.D
 Acq: 07 Feb 2024 11:43

Tgt Ion: 42 Resp: 102762
 Ion Ratio Lower Upper
 42 100
 74 109.4 90.5 135.7
 44 7.0 6.1 9.1

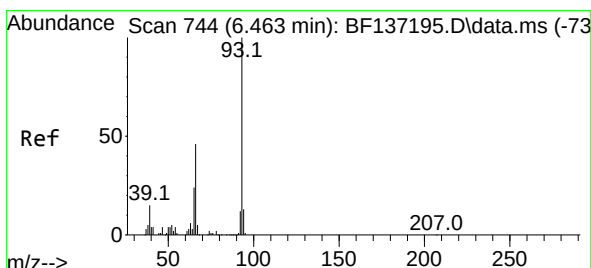
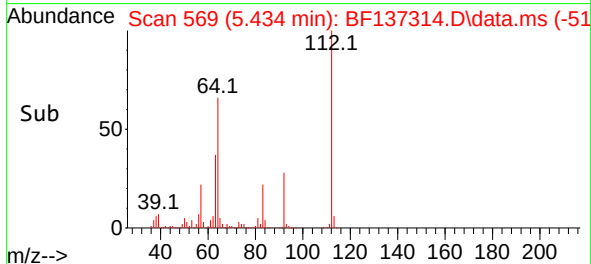
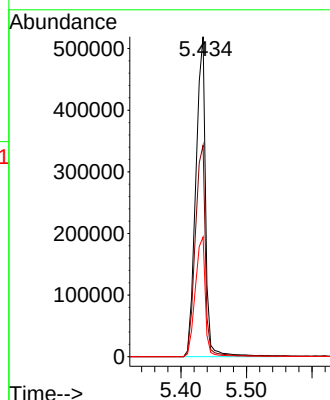
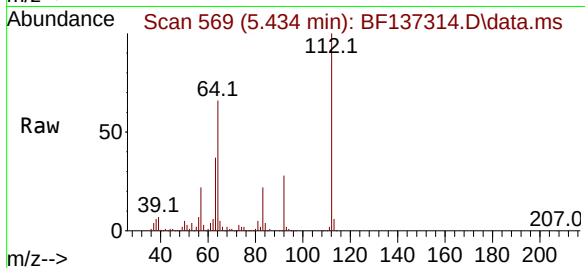




#5
2-Fluorophenol
Concen: 151.947 ng
RT: 5.434 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

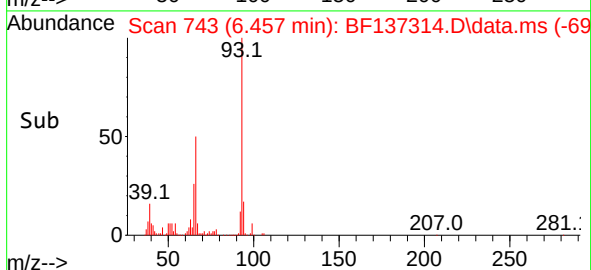
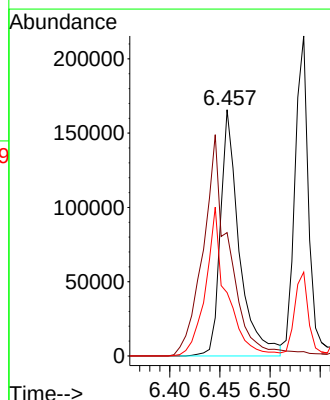
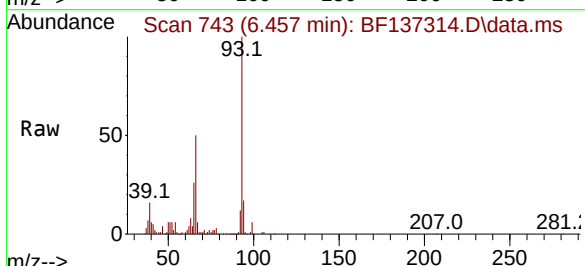
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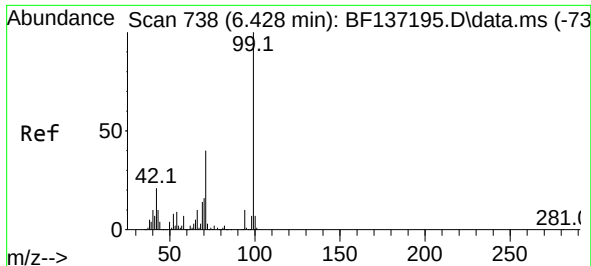
Tgt Ion:112 Resp: 542101
Ion Ratio Lower Upper
112 100
64 66.0 57.8 86.6
63 37.4 31.4 47.0



#6
Aniline
Concen: 39.615 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion: 93 Resp: 215916
Ion Ratio Lower Upper
93 100
66 50.1 37.9 56.9
65 25.7 19.0 28.4

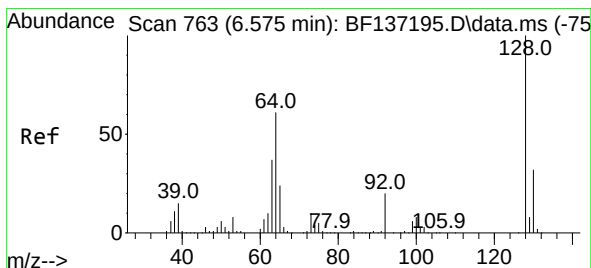
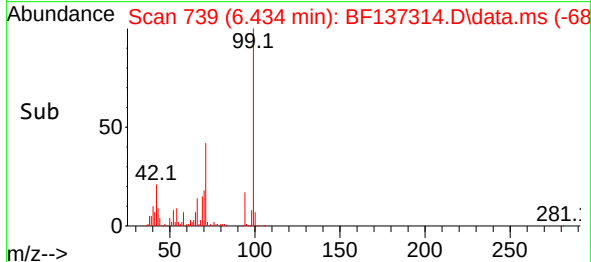
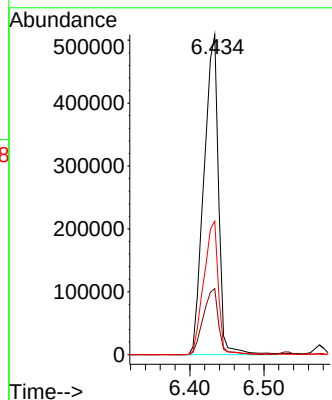
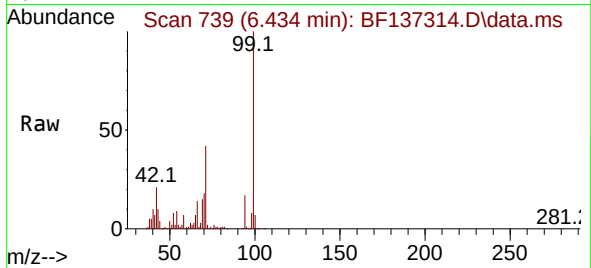




#7
Phenol-d6
Concen: 136.899 ng
RT: 6.434 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

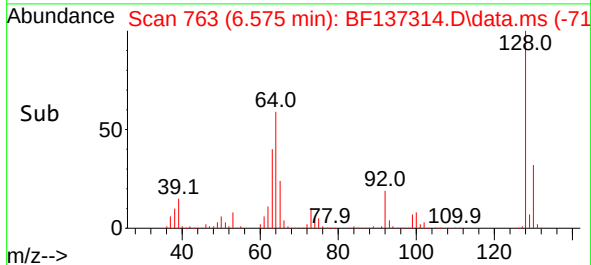
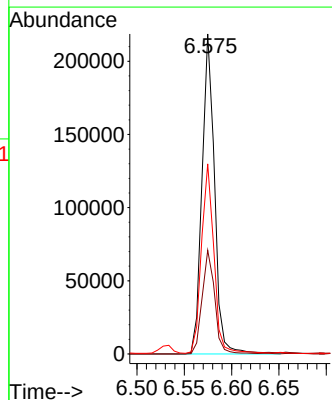
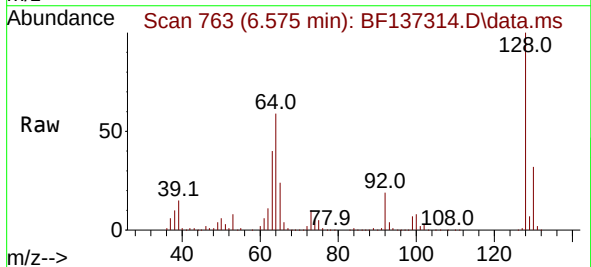
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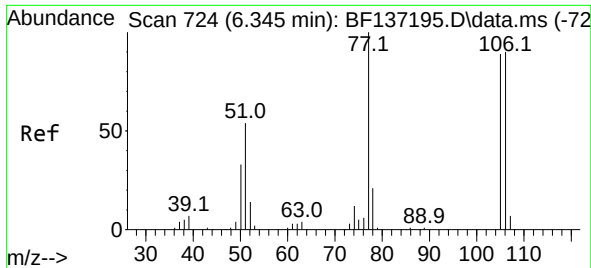
Tgt Ion: 99 Resp: 697019
Ion Ratio Lower Upper
99 100
42 20.6 16.4 24.6
71 41.7 32.4 48.6



#8
2-Chlorophenol
Concen: 50.490 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion: 128 Resp: 201410
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 59.4 41.6 81.6





#9

Benzaldehyde

Concen: 29.108 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

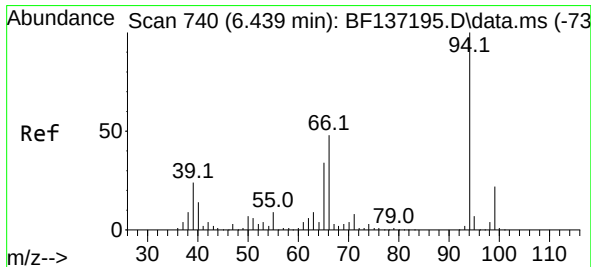
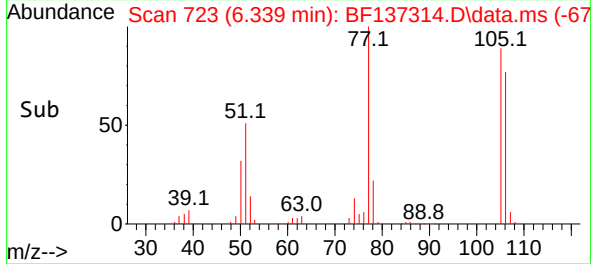
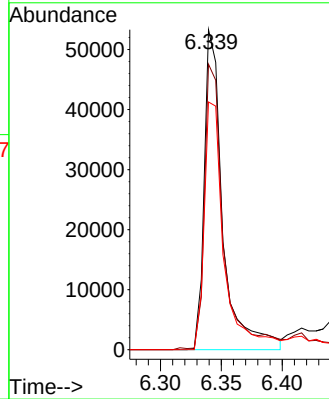
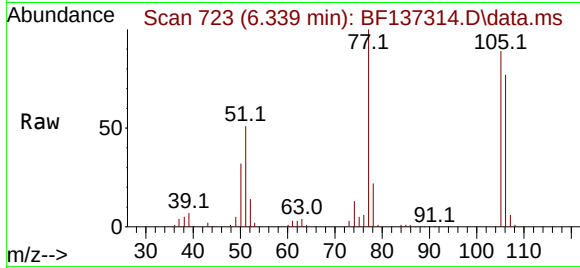
Tgt Ion: 77 Resp: 56440

Ion Ratio Lower Upper

77 100

105 89.2 69.1 109.1

106 77.4 69.6 109.6



#10

Phenol

Concen: 47.972 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

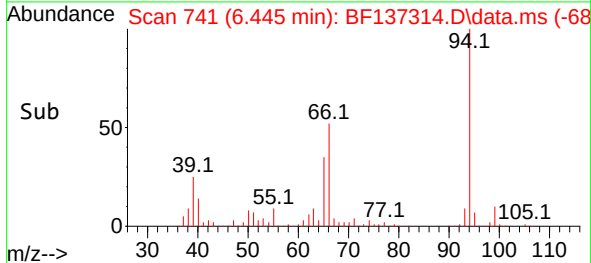
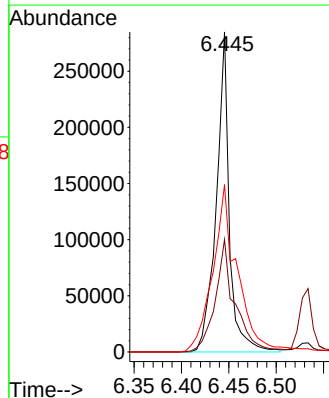
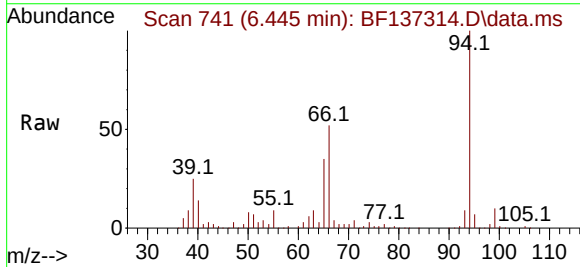
Tgt Ion: 94 Resp: 272635

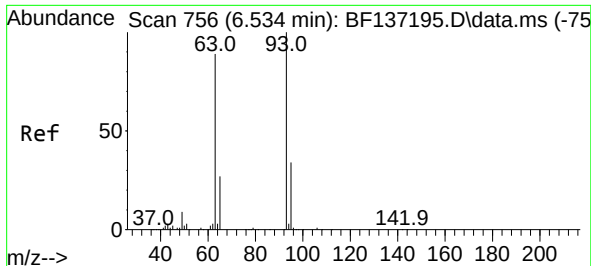
Ion Ratio Lower Upper

94 100

65 35.1 13.7 53.7

66 52.3 27.8 67.8





#11

bis(2-Chloroethyl)ether

Concen: 52.804 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

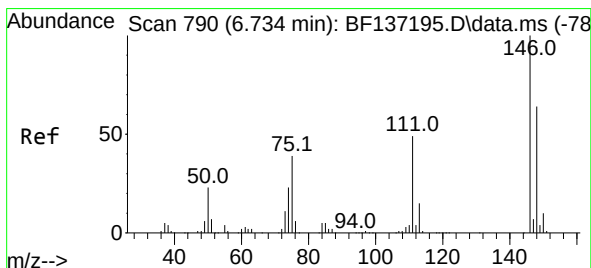
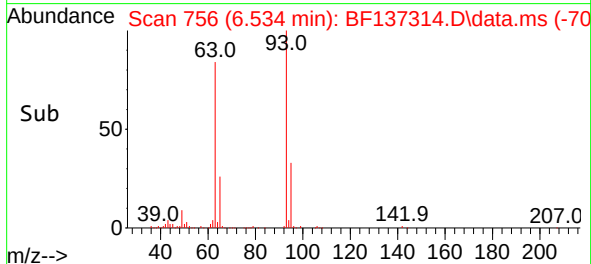
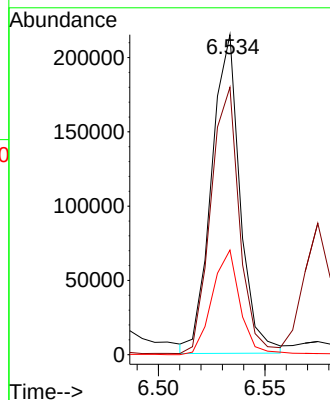
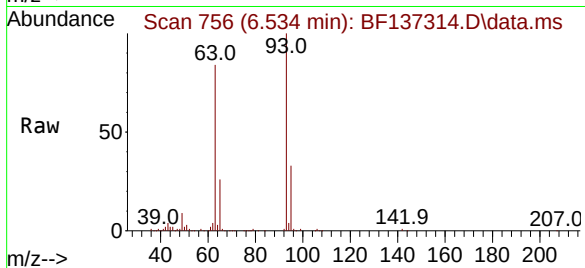
Tgt Ion: 93 Resp: 200549

Ion Ratio Lower Upper

93 100

63 83.5 66.7 106.7

95 32.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 48.503 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

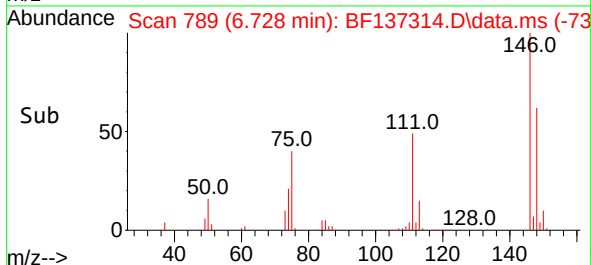
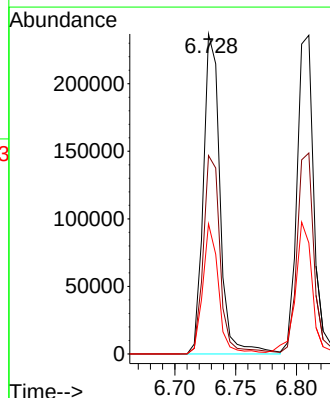
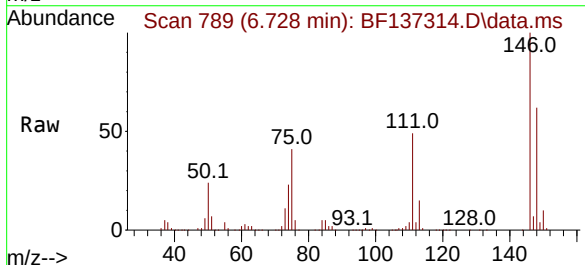
Tgt Ion: 146 Resp: 226854

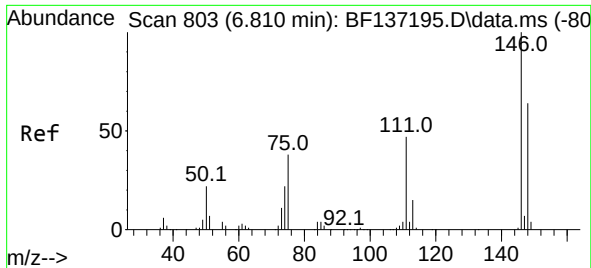
Ion Ratio Lower Upper

146 100

148 62.0 51.4 77.0

75 40.7 31.3 46.9

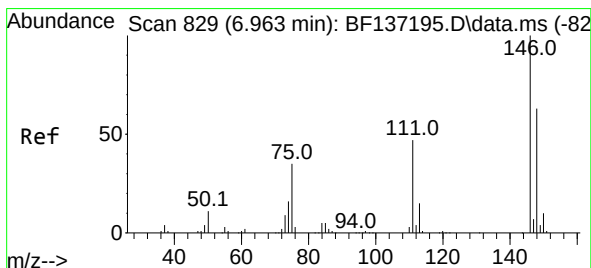
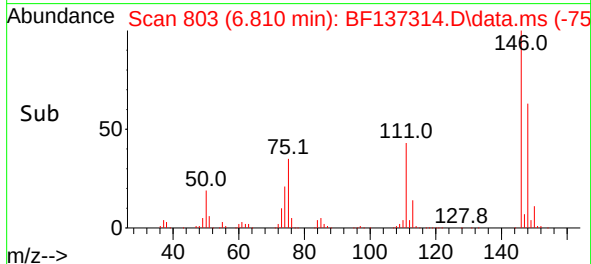
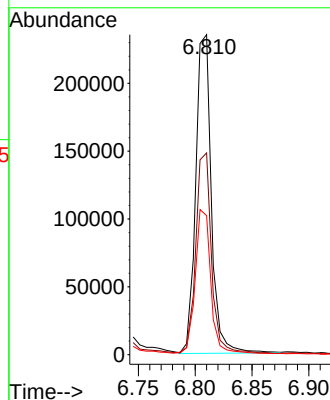
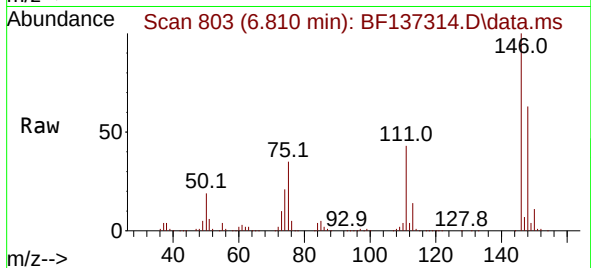




#13
1,4-Dichlorobenzene
Concen: 46.781 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

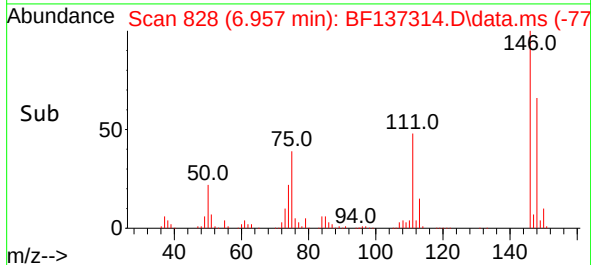
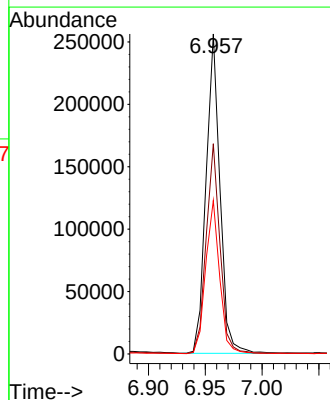
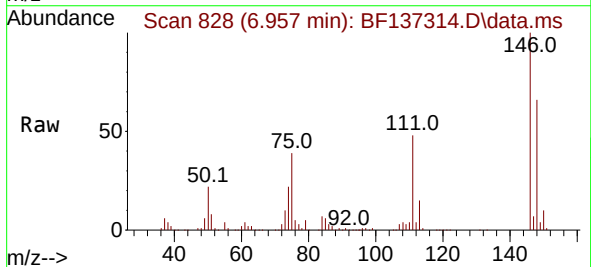
Instrument :
BNA_F
ClientSampleId :
PB158865BS

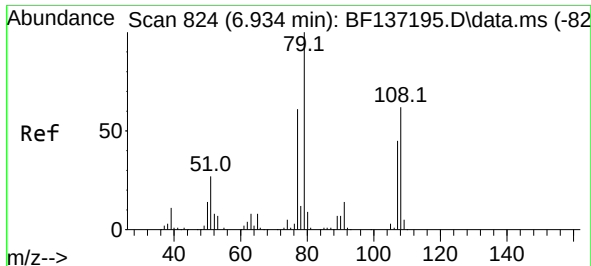
Tgt Ion:146 Resp: 226283
Ion Ratio Lower Upper
146 100
148 63.0 51.5 77.3
111 43.4 38.1 57.1



#14
1,2-Dichlorobenzene
Concen: 48.046 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:146 Resp: 217295
Ion Ratio Lower Upper
146 100
148 65.7 50.6 75.8
111 48.0 37.3 55.9

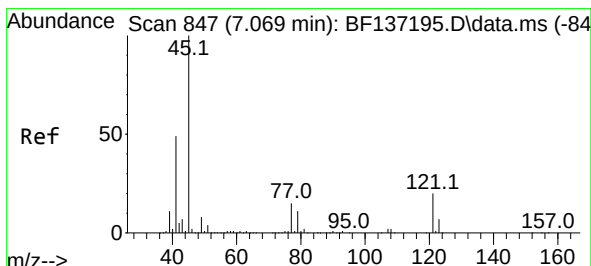
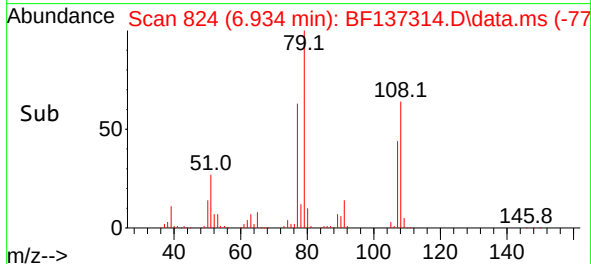
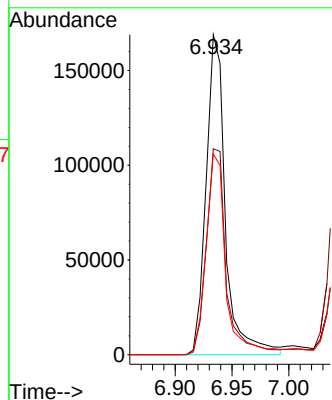
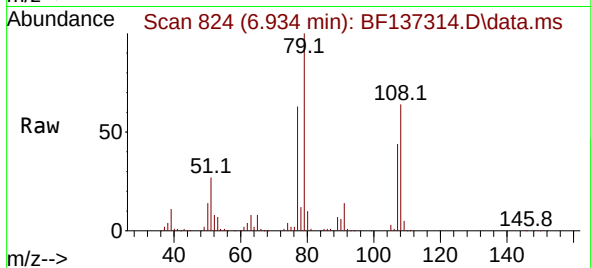




#15
Benzyl Alcohol
Concen: 55.242 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

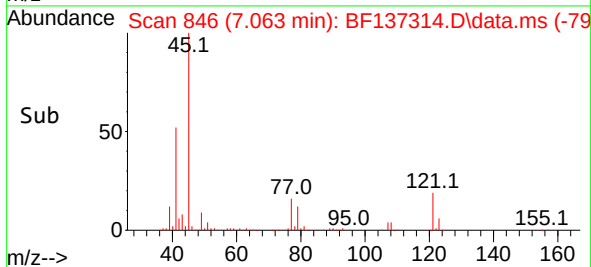
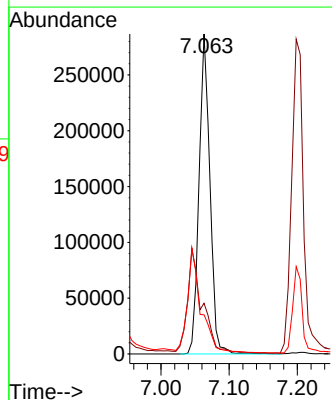
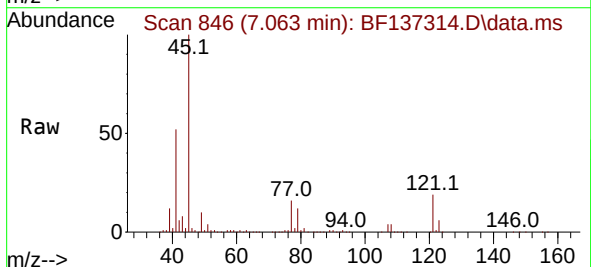
Instrument :
BNA_F
ClientSampleId :
PB158865BS

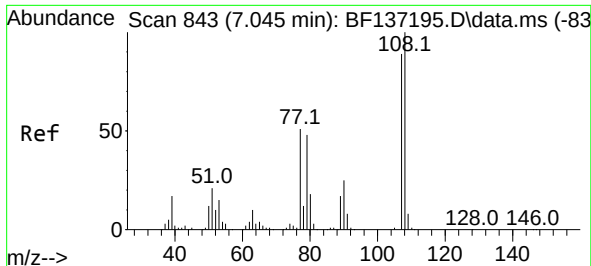
Tgt Ion: 79 Resp: 199823
Ion Ratio Lower Upper
79 100
108 64.4 49.3 73.9
77 62.8 48.8 73.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.269 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

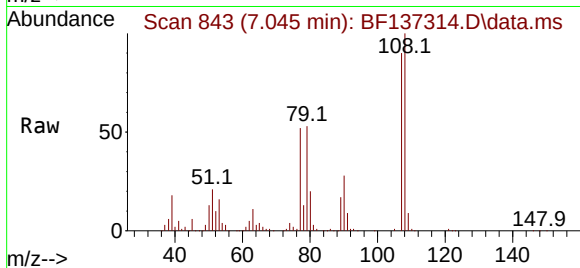
Tgt Ion: 45 Resp: 316560
Ion Ratio Lower Upper
45 100
77 15.9 0.0 35.9
79 12.2 0.0 32.4



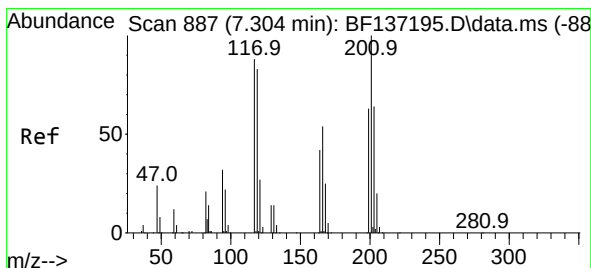
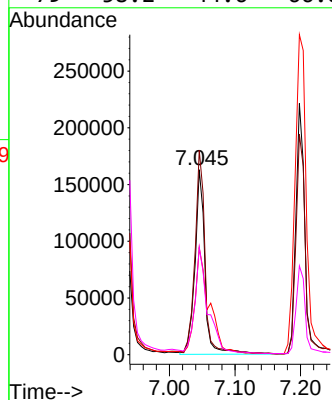
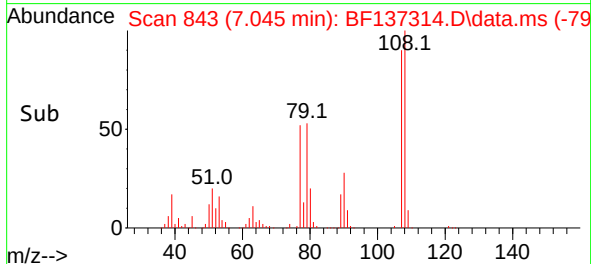


#17
2-Methylphenol
Concen: 52.158 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Instrument :
BNA_F
ClientSampleId :
PB158865BS

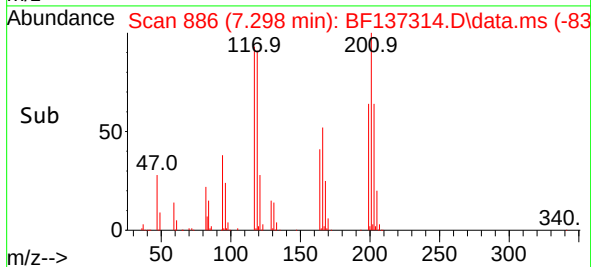
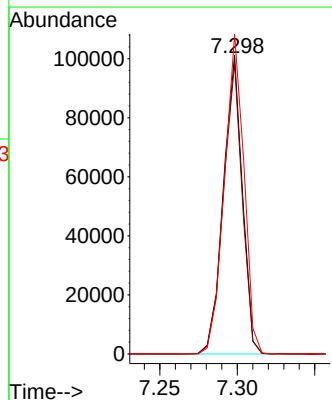
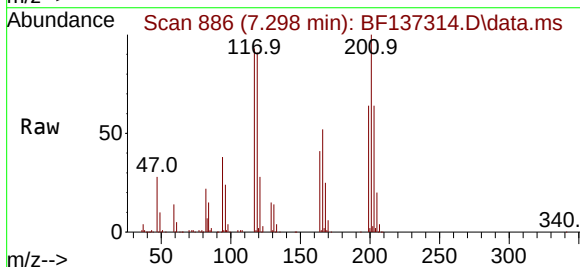


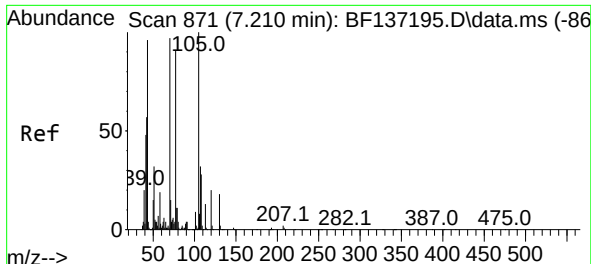
Tgt Ion:	107	Resp:	173824
Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.9	134.9
77	57.8	46.6	69.8
79	58.2	44.6	66.8



#18
Hexachloroethane
Concen: 49.459 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:	117	Resp:	86283
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.2	114.4
201	107.1	91.4	137.0

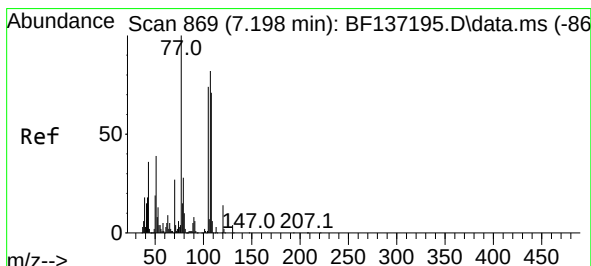
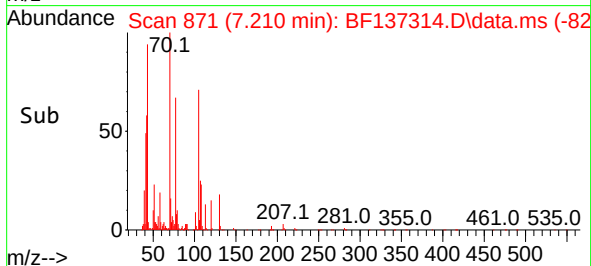
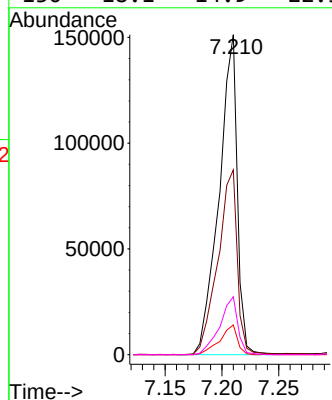
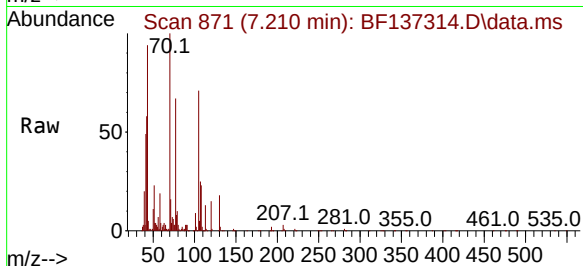




#19
n-Nitroso-di-n-propylamine
Concen: 48.525 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

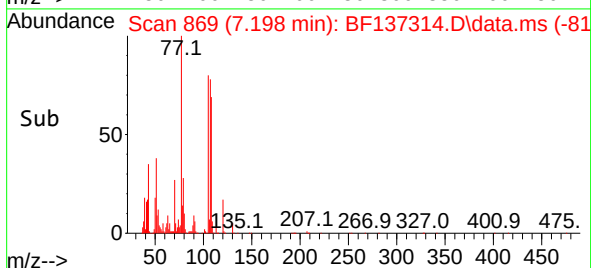
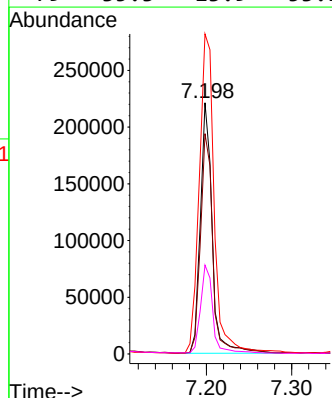
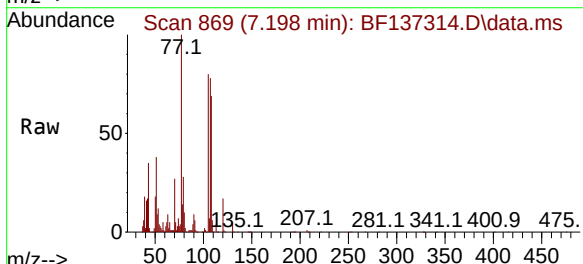
Instrument :
BNA_F
ClientSampleId :
PB158865BS

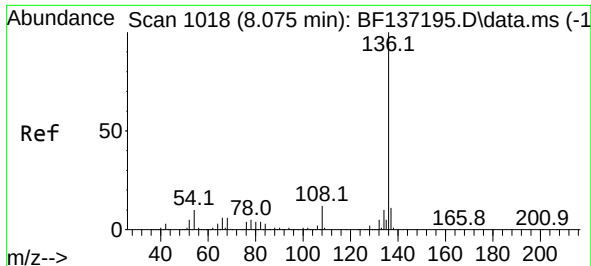
Tgt Ion:	70	Resp:	169398
Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.2	70.8
101	9.3	7.4	11.0
130	18.1	14.9	22.3



#20
3+4-Methylphenols
Concen: 50.634 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:	107	Resp:	213618
Ion	Ratio	Lower	Upper
107	100		
108	87.7	66.3	106.3
77	127.4	101.4	141.4
79	35.3	13.9	53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

Tgt Ion:136 Resp: 223318

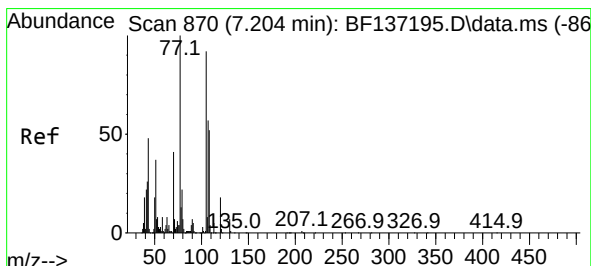
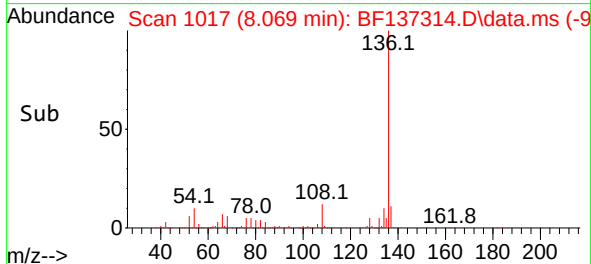
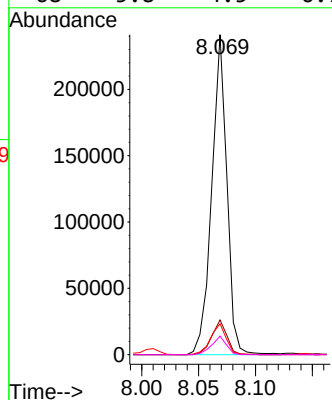
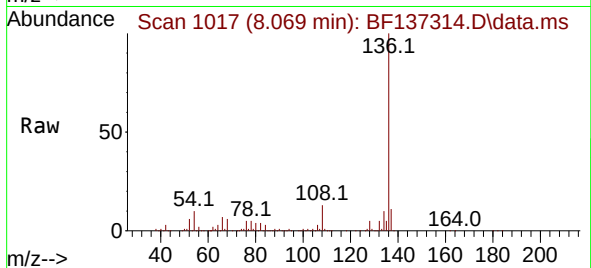
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.6 7.8 11.8

68 5.8 4.5 6.7



#22
Acetophenone
Concen: 50.061 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:105 Resp: 300968

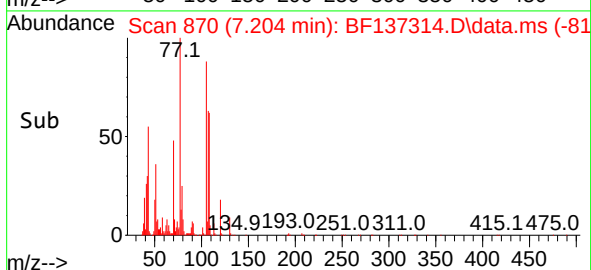
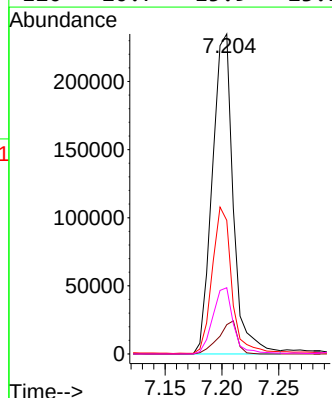
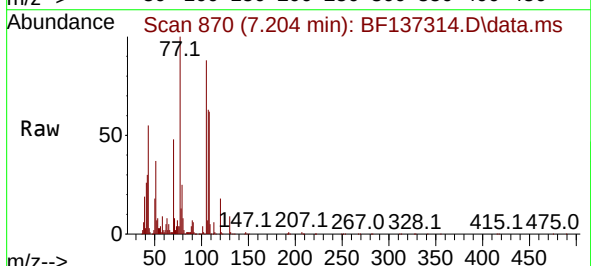
Ion Ratio Lower Upper

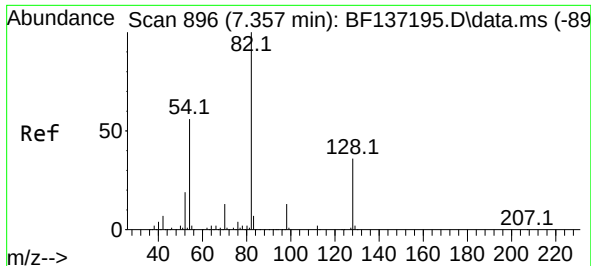
105 100

71 9.1 5.7 8.5#

51 41.8 32.2 48.4

120 20.7 15.9 23.9





#23

Nitrobenzene-d5

Concen: 97.215 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

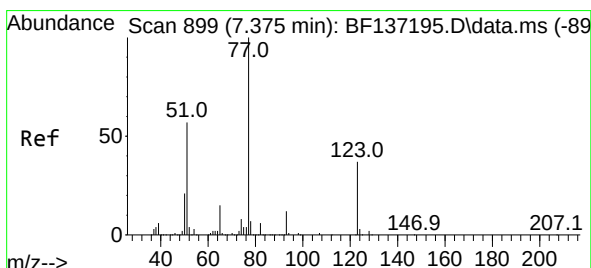
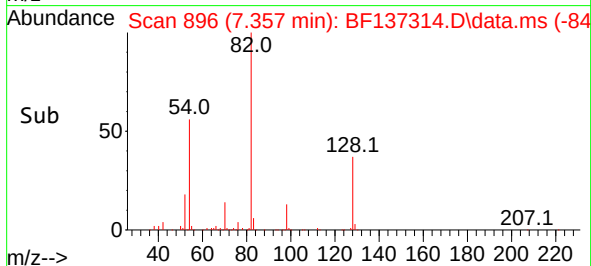
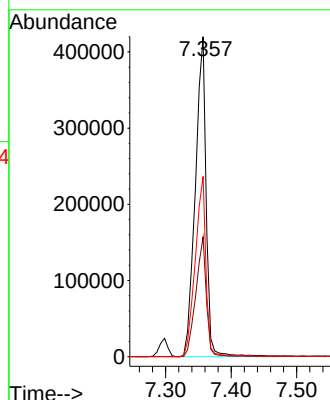
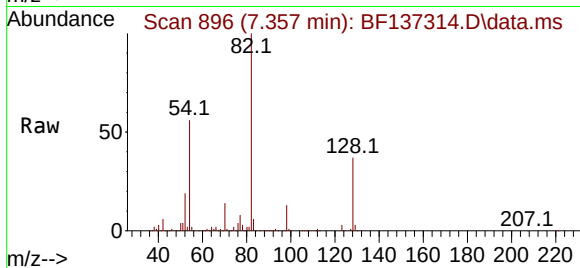
Tgt Ion: 82 Resp: 484901

Ion Ratio Lower Upper

82 100

128 37.4 29.1 43.7

54 56.3 45.0 67.6



#24

Nitrobenzene

Concen: 51.609 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

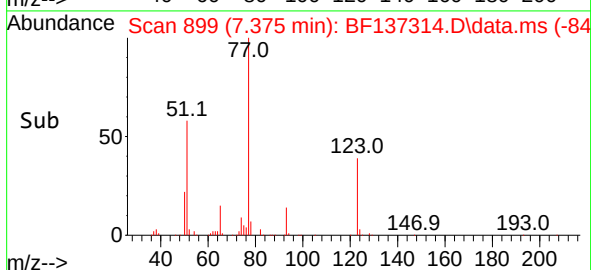
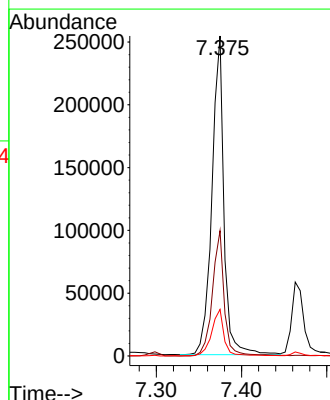
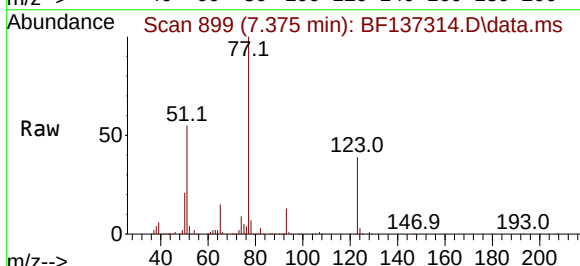
Tgt Ion: 77 Resp: 249853

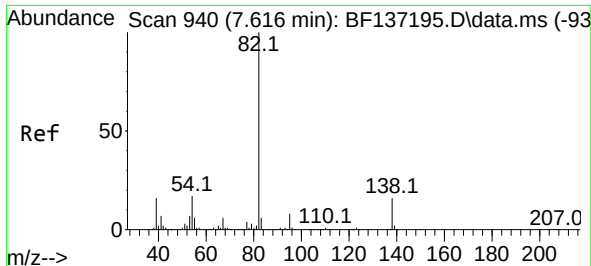
Ion Ratio Lower Upper

77 100

123 39.1 29.3 43.9

65 14.6 12.0 18.0

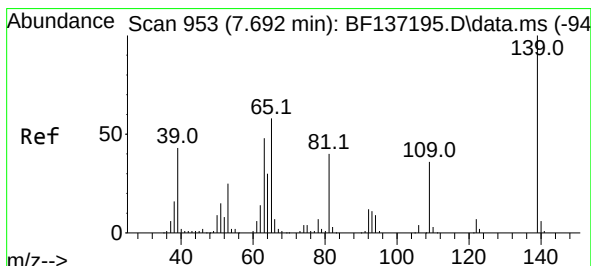
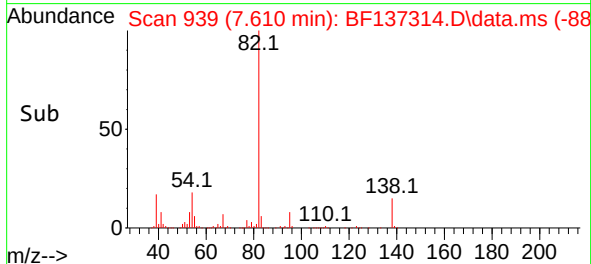
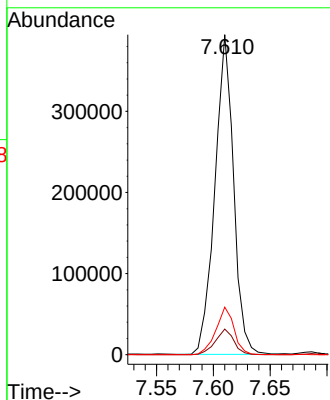
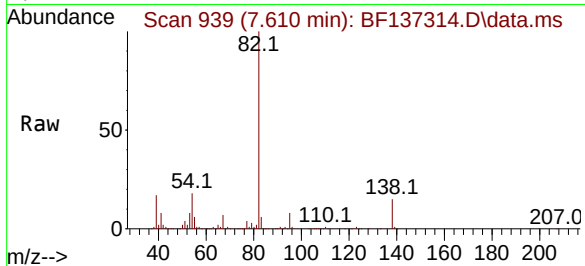




#25
Isophorone
Concen: 49.050 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

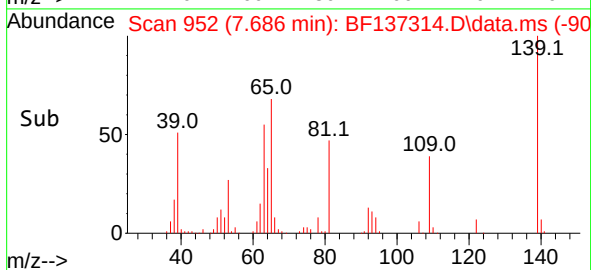
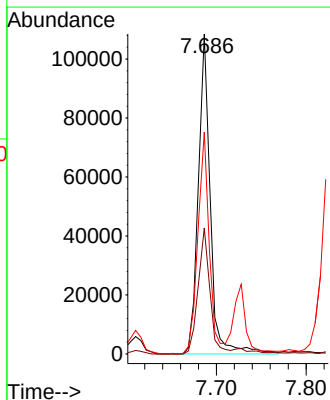
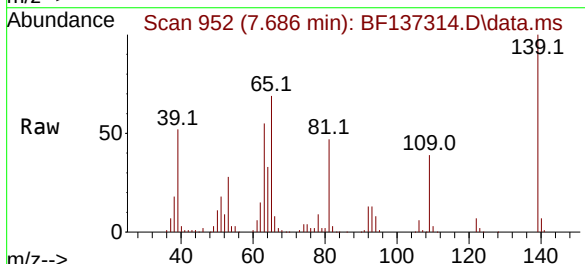
Instrument :
BNA_F
ClientSampleId :
PB158865BS

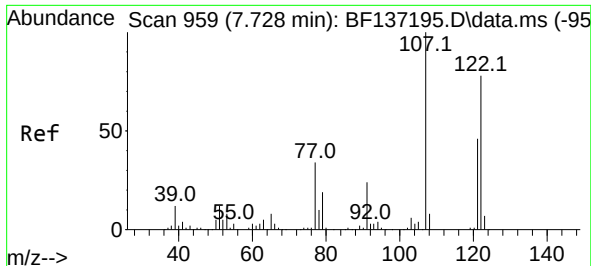
Tgt Ion: 82 Resp: 451591
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 14.8 12.7 19.1



#26
2-Nitrophenol
Concen: 53.643 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:139 Resp: 101110
Ion Ratio Lower Upper
139 100
109 39.4 28.5 42.7
65 69.3 46.7 70.1

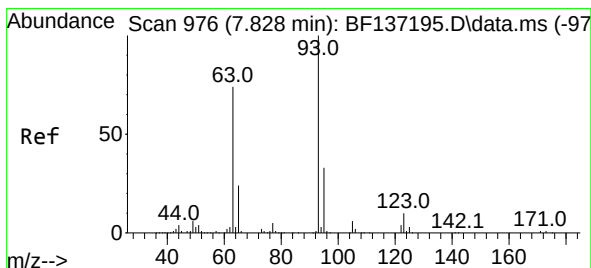
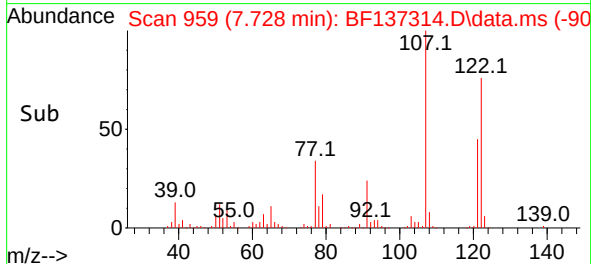
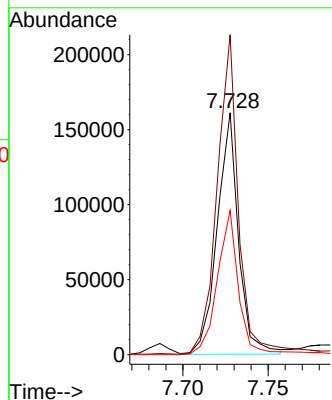
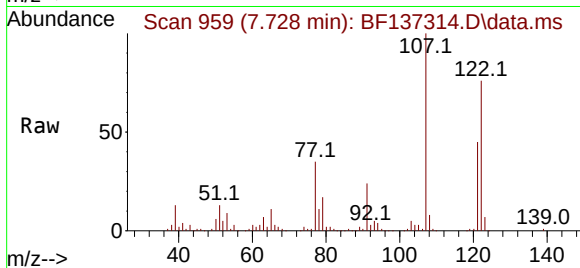




#27
2,4-Dimethylphenol
Concen: 53.224 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

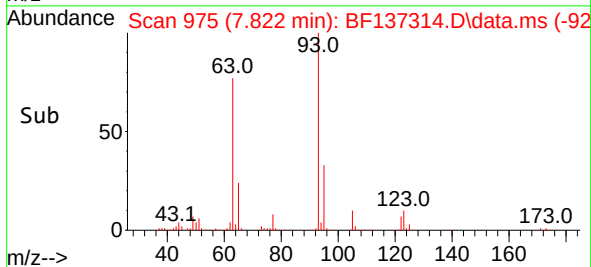
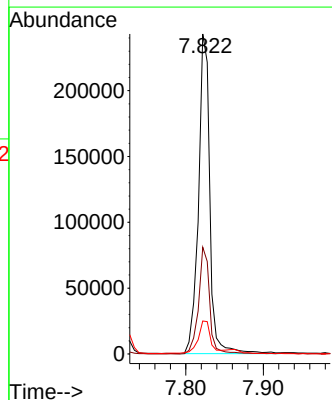
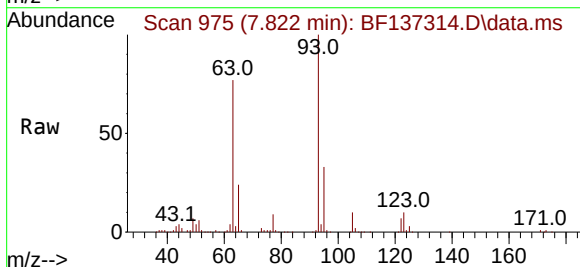
Instrument :
BNA_F
ClientSampleId :
PB158865BS

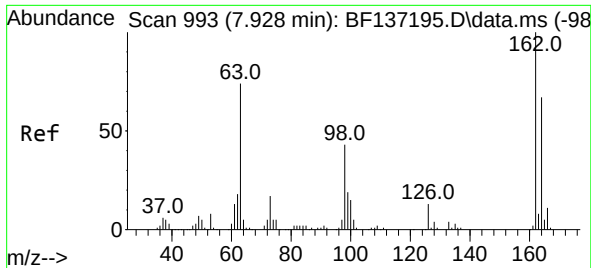
Tgt Ion:122 Resp: 140061
Ion Ratio Lower Upper
122 100
107 132.3 101.8 152.6
121 59.7 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 50.496 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion: 93 Resp: 246882
Ion Ratio Lower Upper
93 100
95 33.4 26.1 39.1
123 10.3 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 53.136 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137314.D

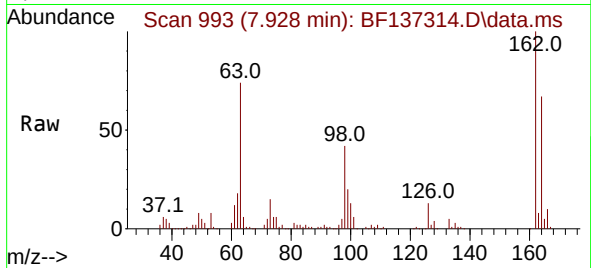
Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS



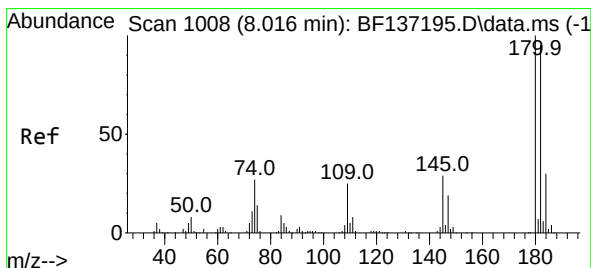
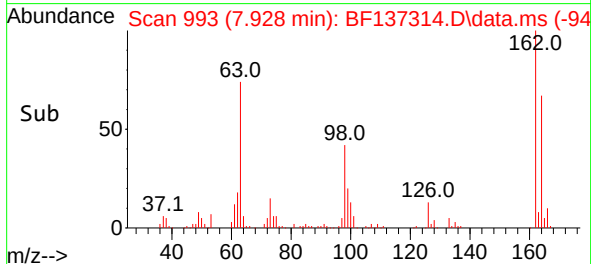
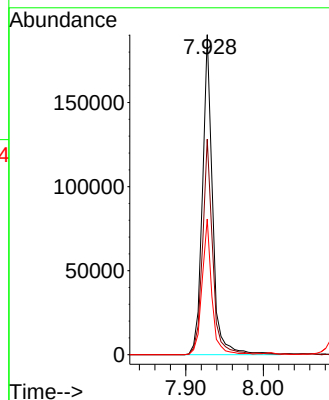
Tgt Ion:162 Resp: 173466

Ion Ratio Lower Upper

162 100

164 67.4 46.7 86.7

98 42.4 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 50.338 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

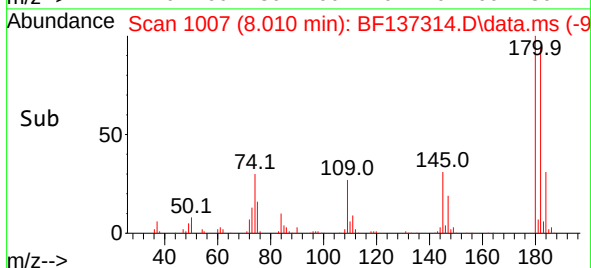
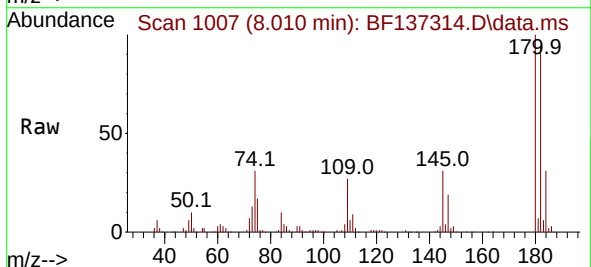
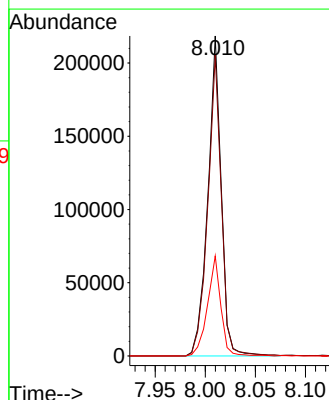
Tgt Ion:180 Resp: 204122

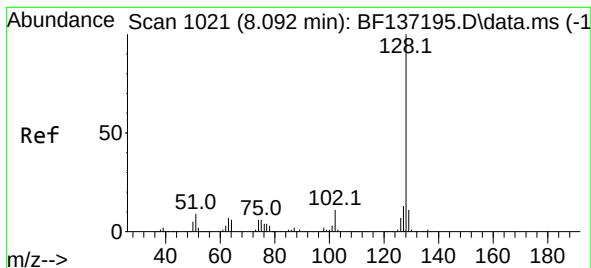
Ion Ratio Lower Upper

180 100

182 93.9 75.9 113.9

145 31.2 23.2 34.8





#31

Naphthalene

Concen: 49.452 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

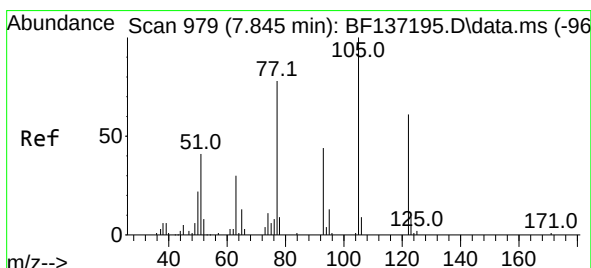
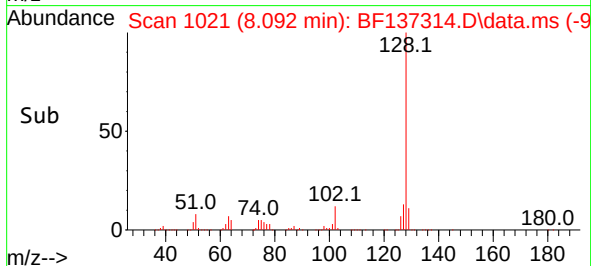
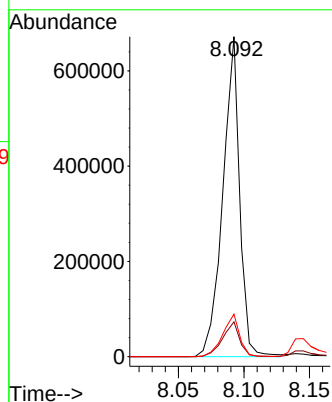
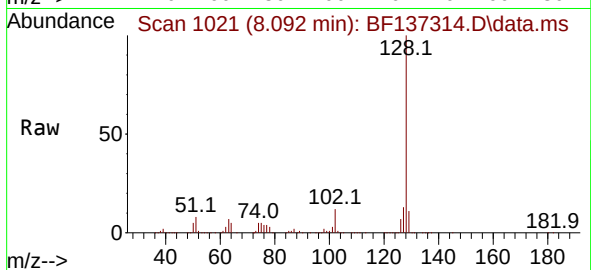
Tgt Ion:128 Resp: 597022

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 58.094 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.018 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

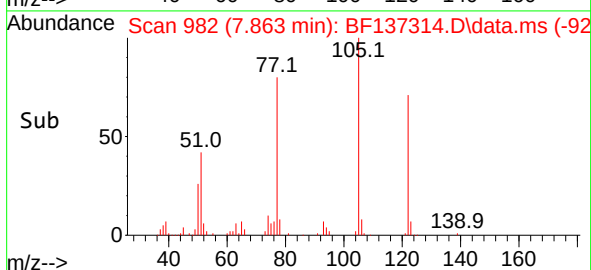
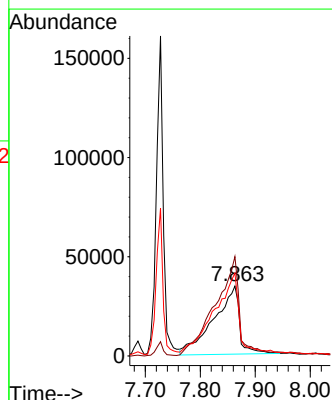
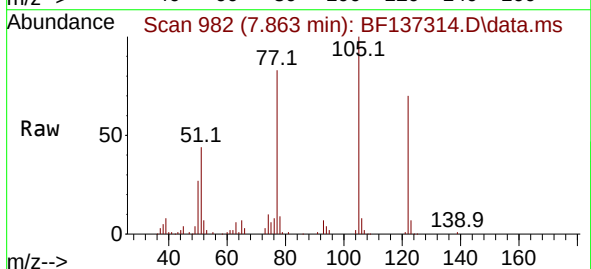
Tgt Ion:122 Resp: 112295

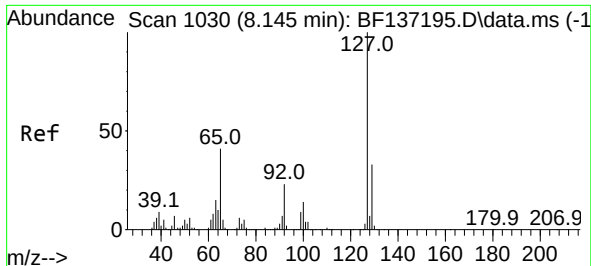
Ion Ratio Lower Upper

122 100

105 142.0 122.5 162.5

77 118.4 96.4 136.4

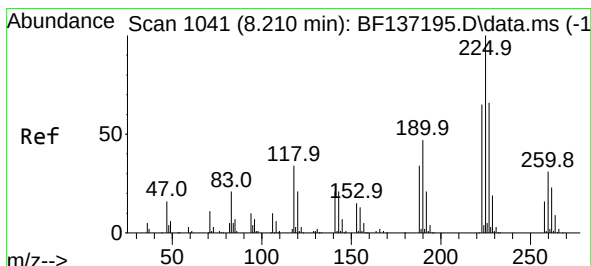
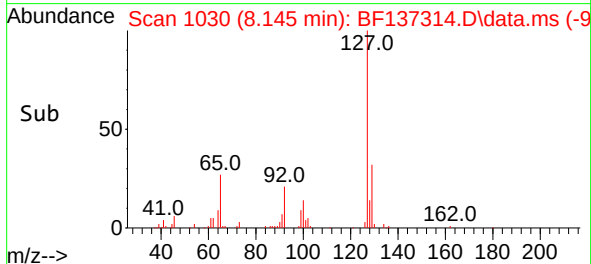
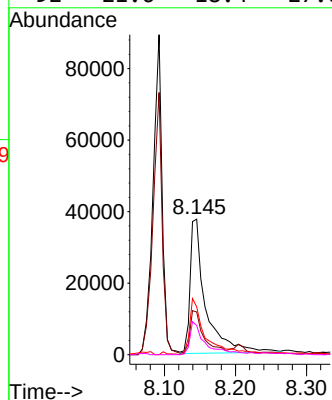
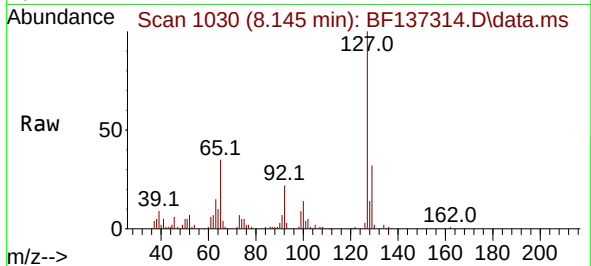




#33
4-Chloroaniline
Concen: 13.885 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

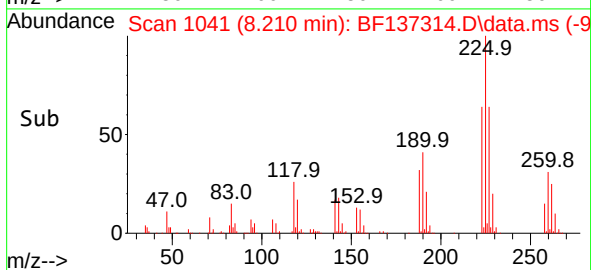
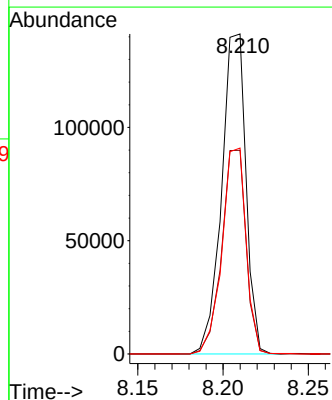
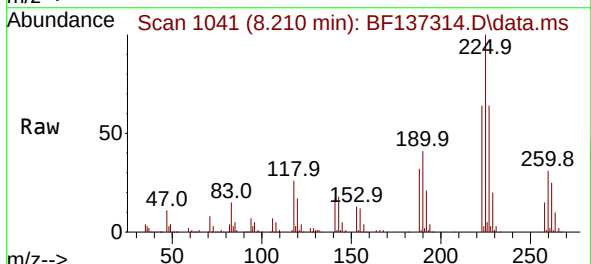
Instrument :
BNA_F
ClientSampleId :
PB158865BS

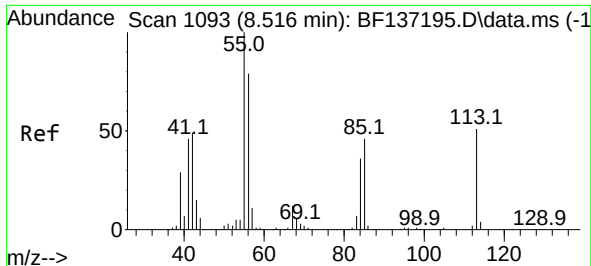
Tgt Ion:	127	Resp:	57662
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.8	40.2
65	35.3	32.9	49.3
92	21.6	18.4	27.6



#34
Hexachlorobutadiene
Concen: 52.070 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:	225	Resp:	140396
Ion Ratio	Lower	Upper	
225	100		
223	63.6	52.0	78.0
227	64.3	52.9	79.3

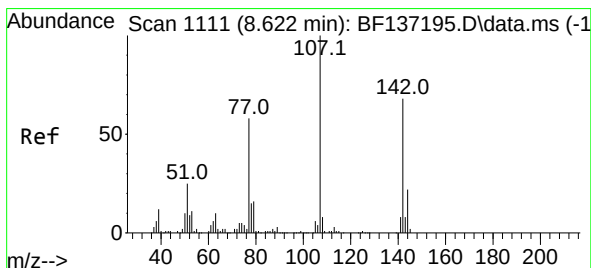
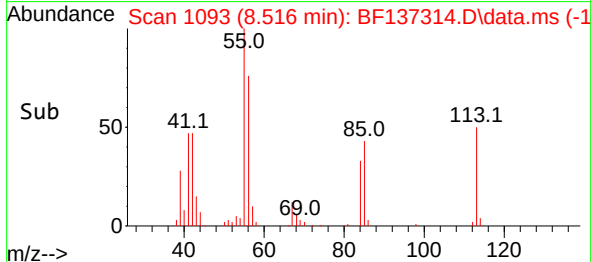
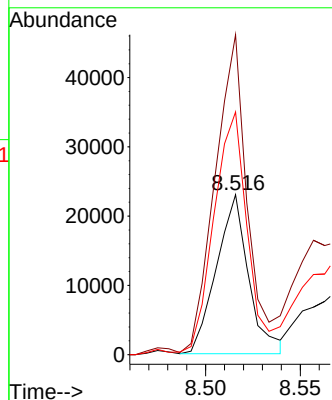
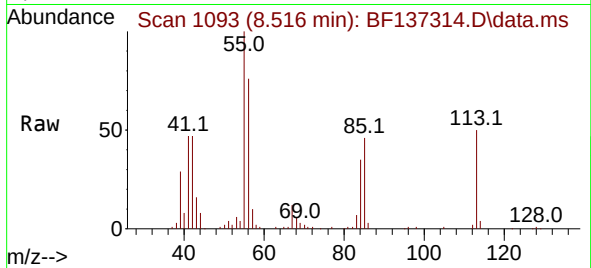




#35
Caprolactam
Concen: 26.715 ng
RT: 8.516 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

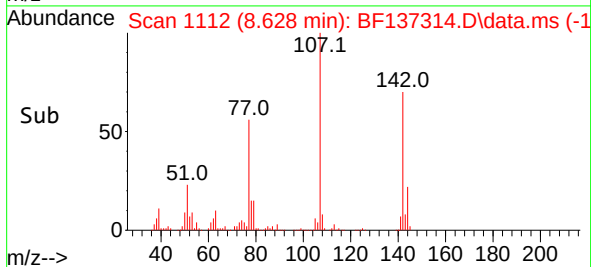
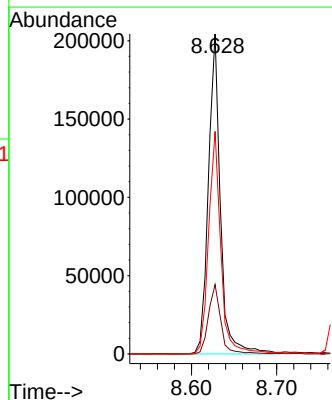
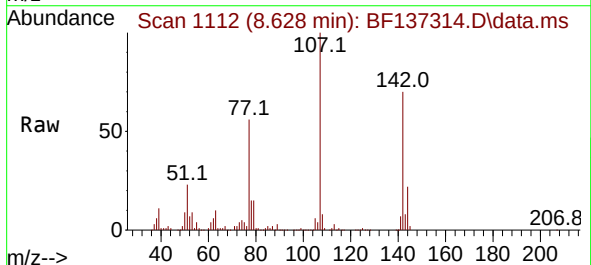
Instrument :
BNA_F
ClientSampleId :
PB158865BS

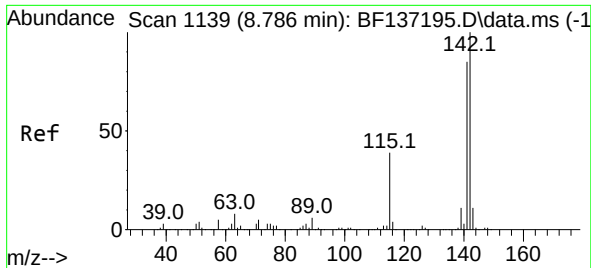
Tgt Ion:113 Resp: 27118
Ion Ratio Lower Upper
113 100
55 199.9 176.0 216.0
56 151.7 134.0 174.0



#36
4-Chloro-3-methylphenol
Concen: 52.121 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:107 Resp: 200970
Ion Ratio Lower Upper
107 100
144 21.7 17.2 25.8
142 69.6 54.6 82.0





#37

2-Methylnaphthalene

Concen: 49.563 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

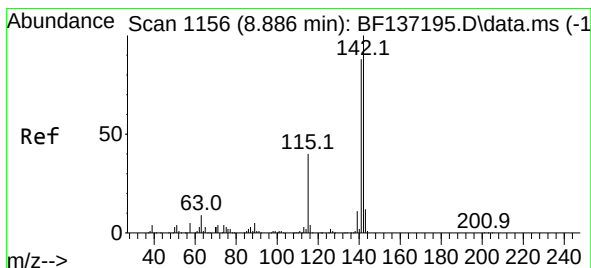
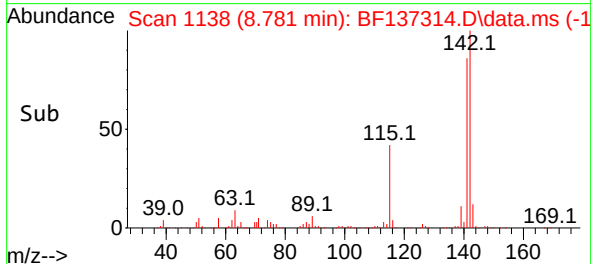
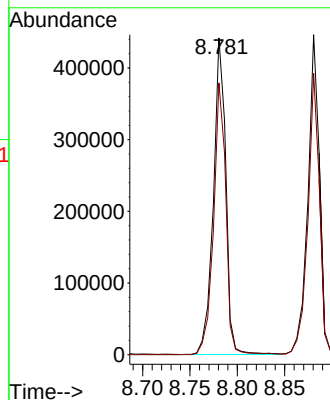
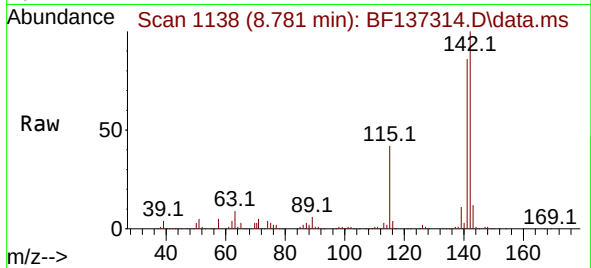
PB158865BS

Tgt Ion:142 Resp: 401157

Ion Ratio Lower Upper

142 100

141 85.8 67.8 101.8



#38

1-Methylnaphthalene

Concen: 50.682 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137314.D

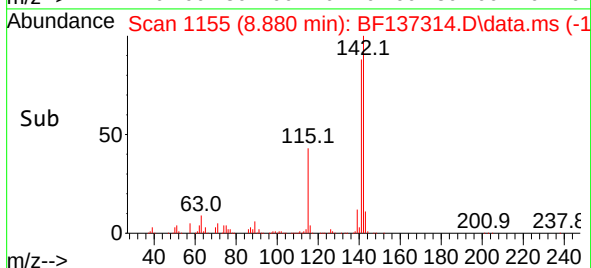
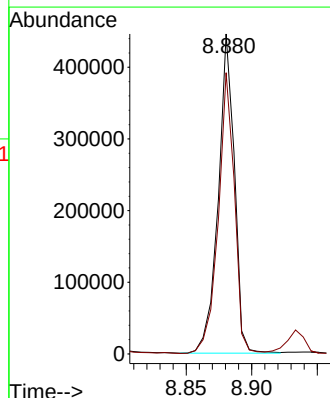
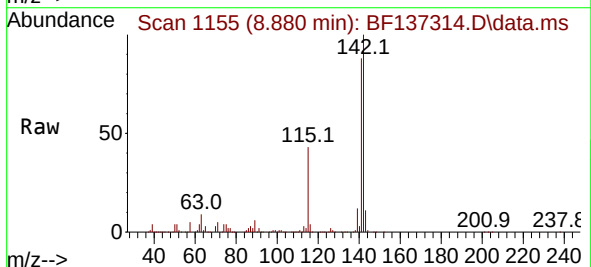
Acq: 07 Feb 2024 11:43

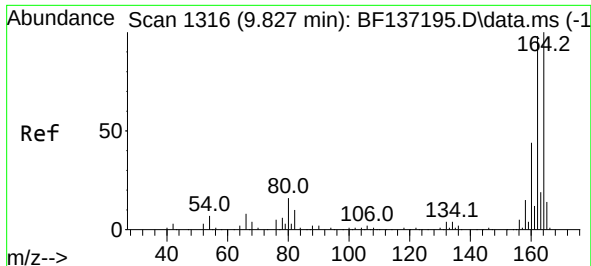
Tgt Ion:142 Resp: 381010

Ion Ratio Lower Upper

142 100

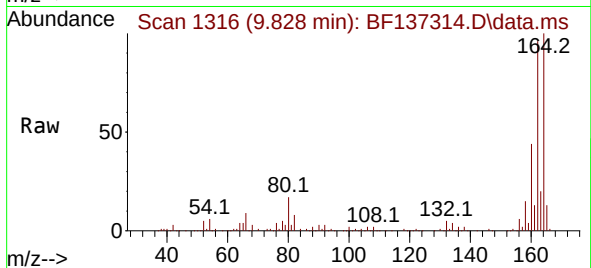
141 87.9 70.6 105.8





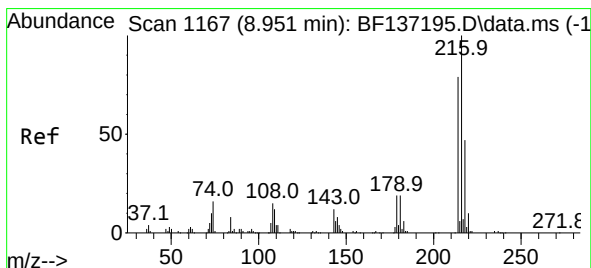
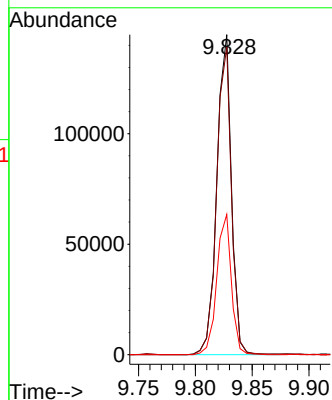
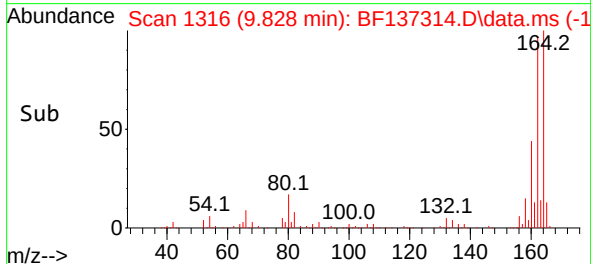
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. 0.001 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Instrument :
BNA_F
ClientSampleId :
PB158865BS

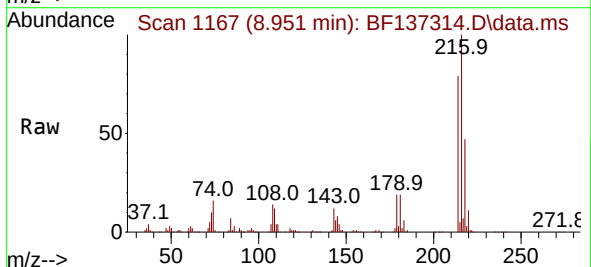


Tgt Ion:164 Resp: 129728

Ion	Ratio	Lower	Upper
164	100		
162	96.2	78.3	117.5
160	43.8	35.4	53.2

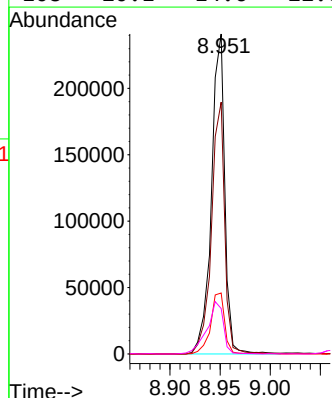
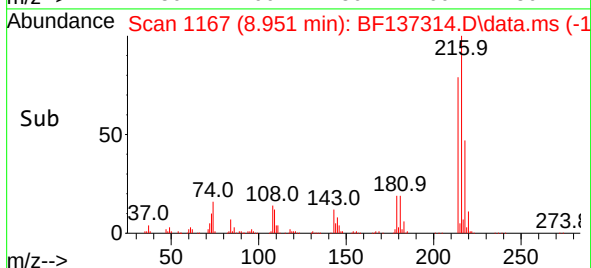


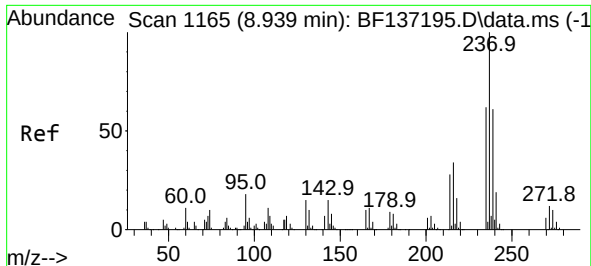
#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.584 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43



Tgt Ion:216 Resp: 223918

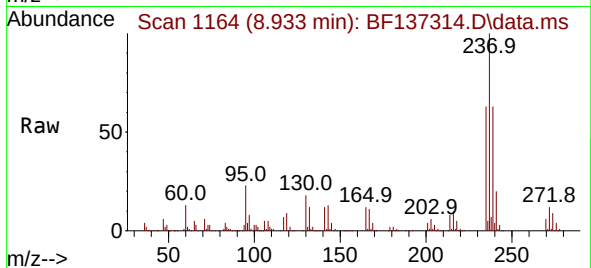
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.9	95.9
179	20.2	16.2	24.2
108	20.1	14.6	22.0



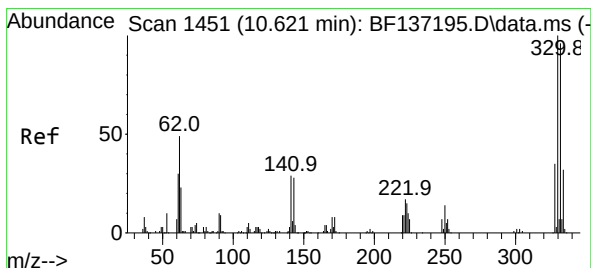
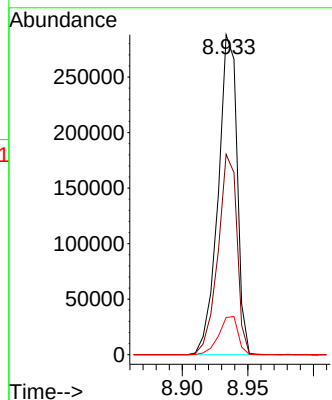
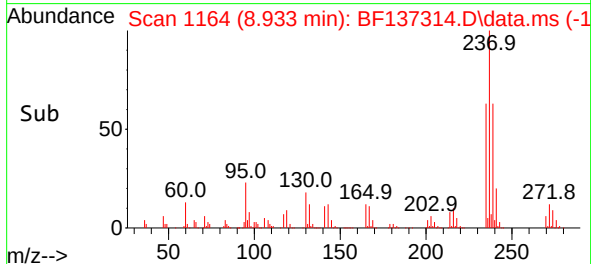


#41
Hexachlorocyclopentadiene
Concen: 139.855 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

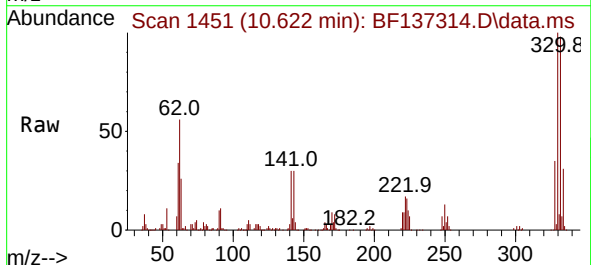
Instrument :
BNA_F
ClientSampleId :
PB158865BS



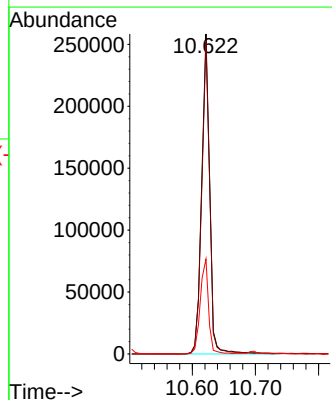
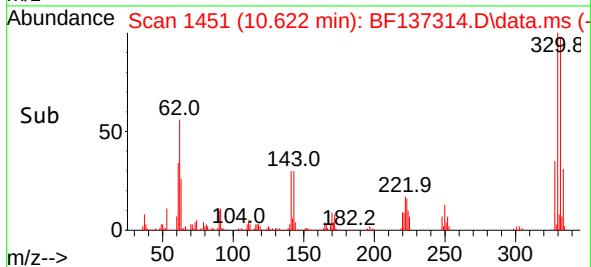
Tgt Ion:237 Resp: 289145
Ion Ratio Lower Upper
237 100
235 62.6 41.6 81.6
272 11.6 0.0 32.4

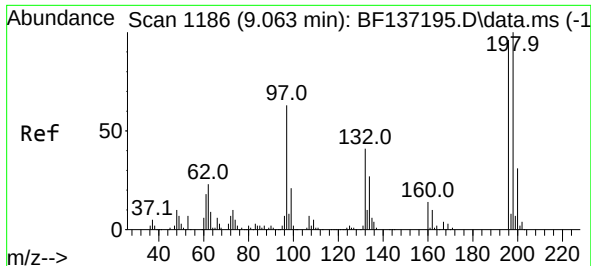


#42
2,4,6-Tribromophenol
Concen: 156.168 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43



Tgt Ion:330 Resp: 228800
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 30.6 25.2 37.8

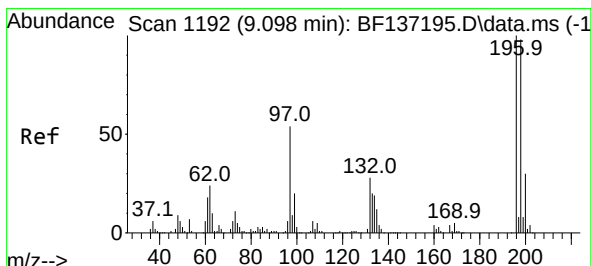
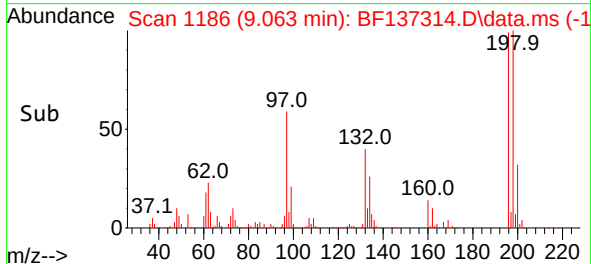
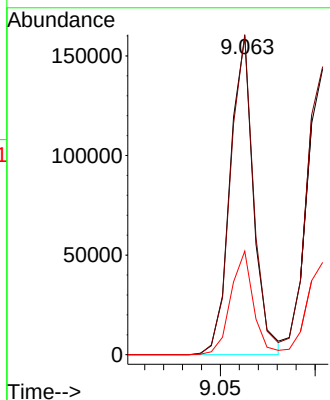
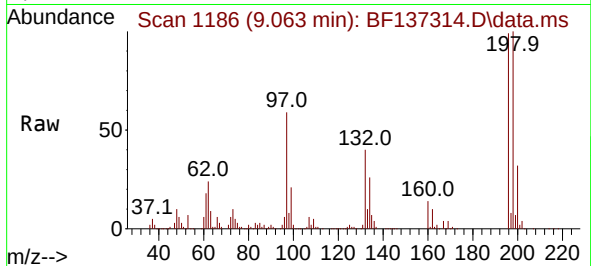




#43
2,4,6-Trichlorophenol
Concen: 55.723 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

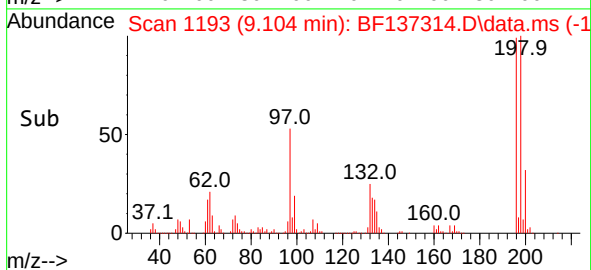
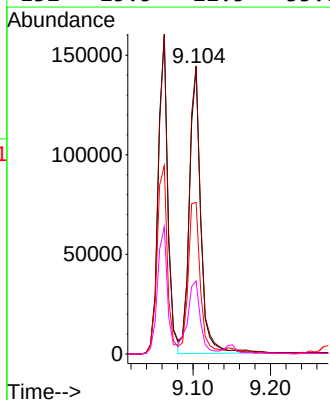
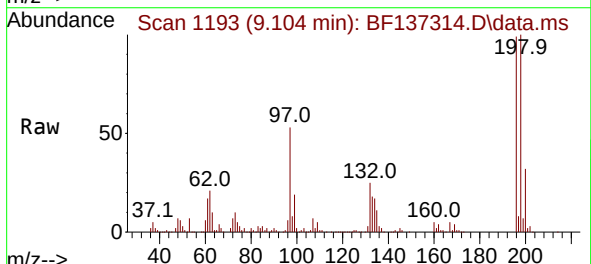
Instrument :
BNA_F
ClientSampleId :
PB158865BS

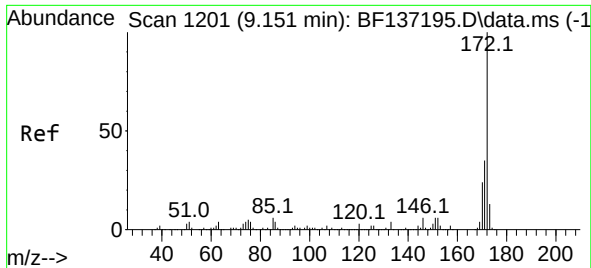
Tgt Ion:196 Resp: 137196
Ion Ratio Lower Upper
196 100
198 100.6 83.0 124.6
200 32.5 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 54.384 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:196 Resp: 146359
Ion Ratio Lower Upper
196 100
198 100.7 78.2 117.4
97 53.0 44.2 66.2
132 25.5 22.5 33.7

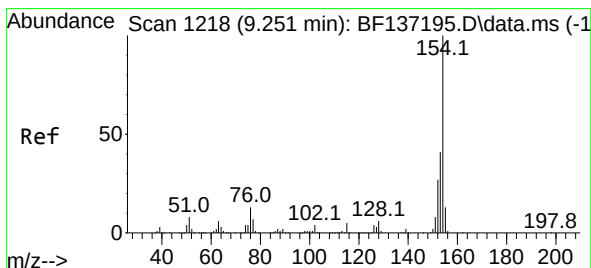
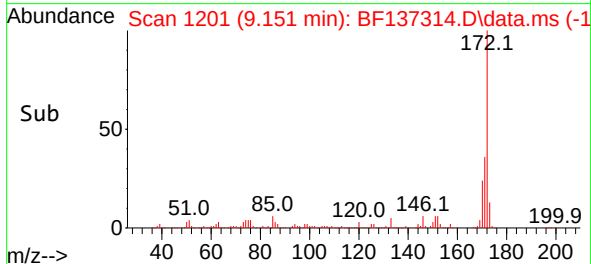
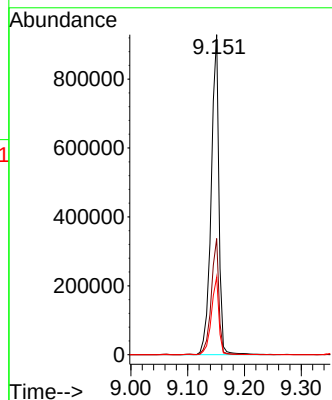
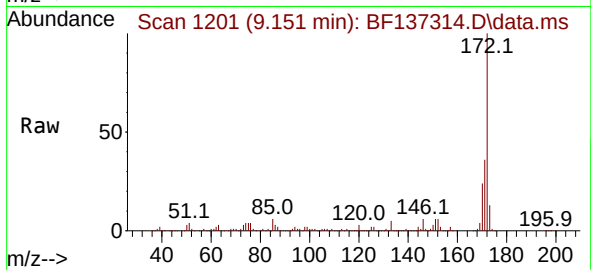




#45
2-Fluorobiphenyl
Concen: 92.359 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

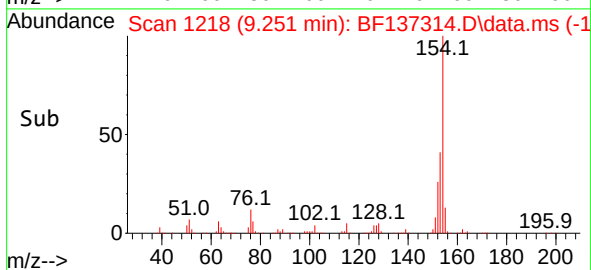
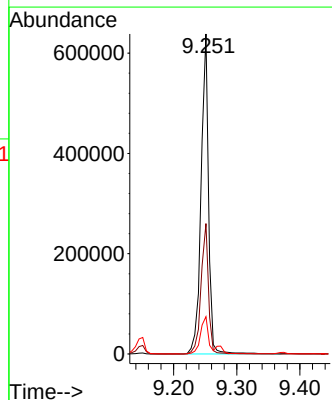
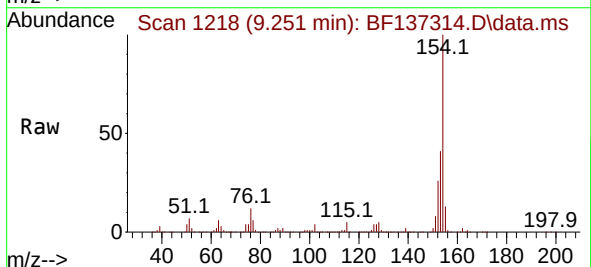
Instrument :
BNA_F
ClientSampleId :
PB158865BS

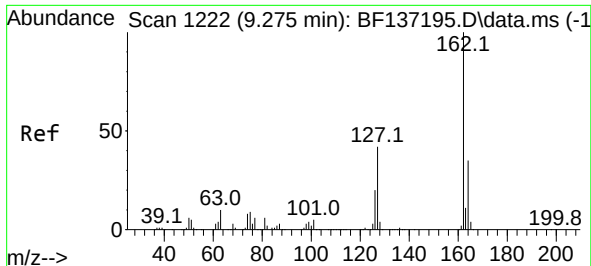
Tgt Ion:172 Resp: 871592
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 24.3 19.1 28.7



#46
1,1'-Biphenyl
Concen: 50.486 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:154 Resp: 521098
Ion Ratio Lower Upper
154 100
153 40.8 21.2 61.2
76 11.7 0.0 33.0

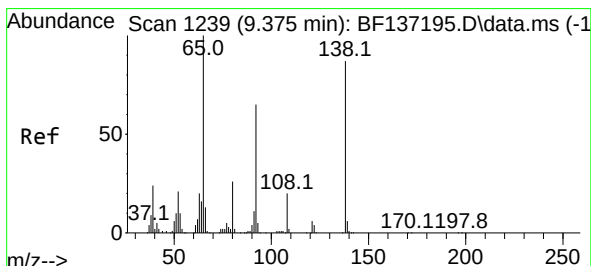
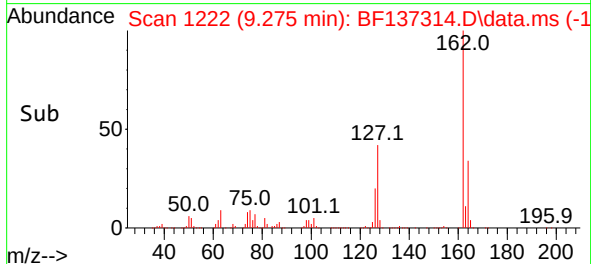
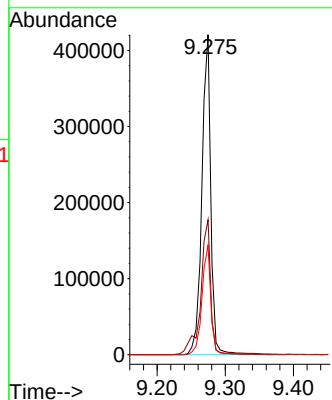
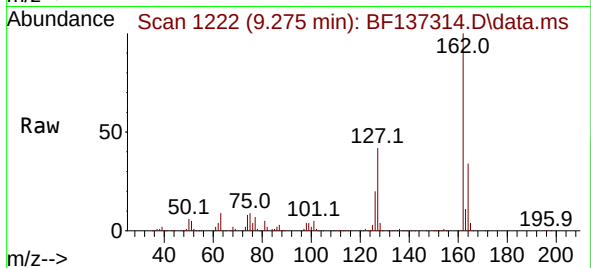




#47
2-Chloronaphthalene
Concen: 50.341 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

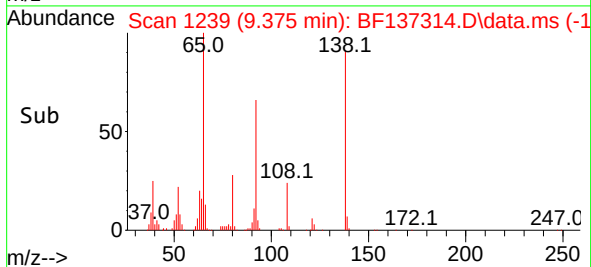
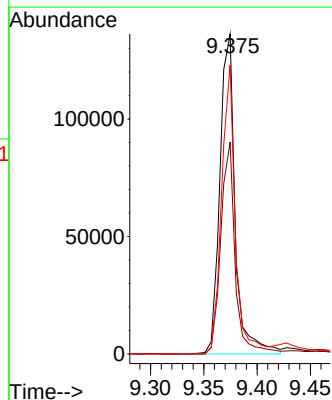
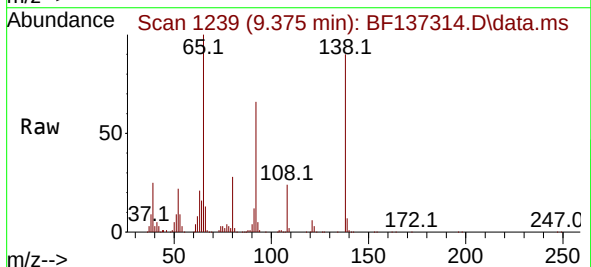
Instrument :
BNA_F
ClientSampleId :
PB158865BS

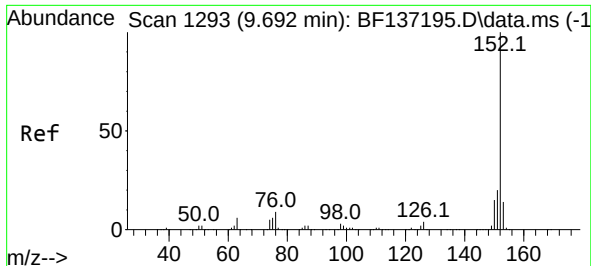
Tgt Ion:162 Resp: 384533
Ion Ratio Lower Upper
162 100
127 42.1 34.1 51.1
164 34.2 27.9 41.9



#48
2-Nitroaniline
Concen: 54.786 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

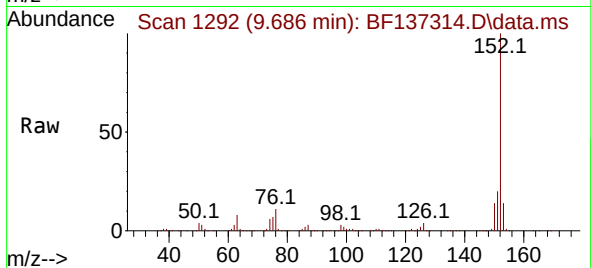
Tgt Ion: 65 Resp: 135447
Ion Ratio Lower Upper
65 100
92 66.2 51.7 77.5
138 90.3 69.7 104.5



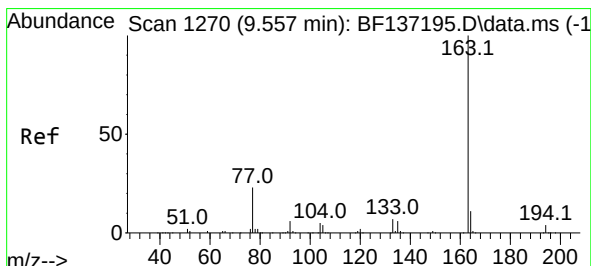
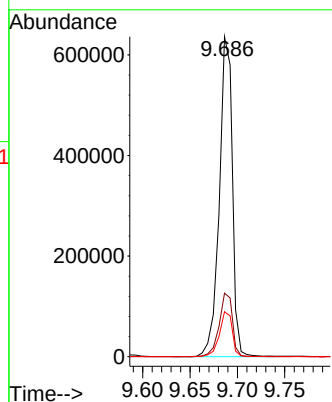
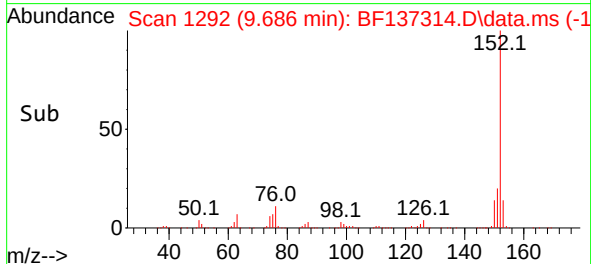


#49
Acenaphthylene
Concen: 50.033 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Instrument :
BNA_F
ClientSampleId :
PB158865BS

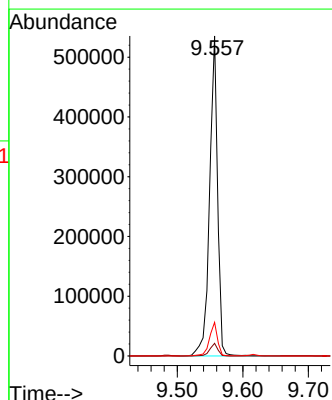
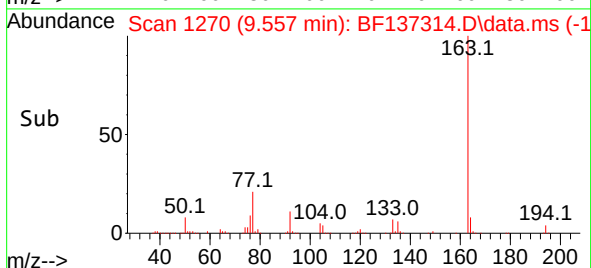
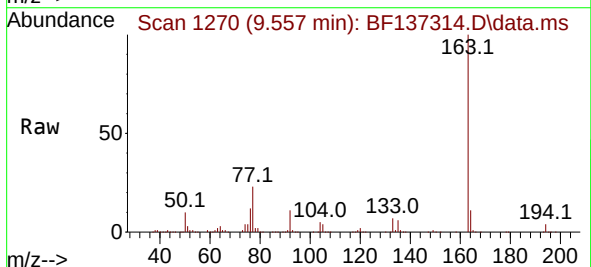


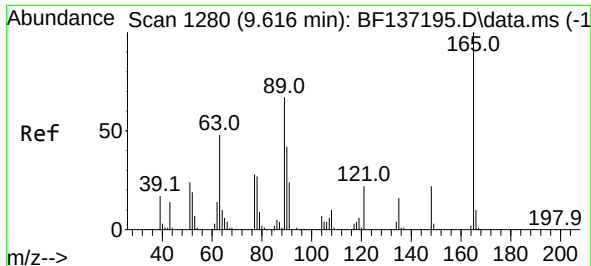
Tgt Ion:152 Resp: 611827
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 14.0 11.2 16.8



#50
Dimethylphthalate
Concen: 51.938 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:163 Resp: 455190
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.5 8.6 13.0

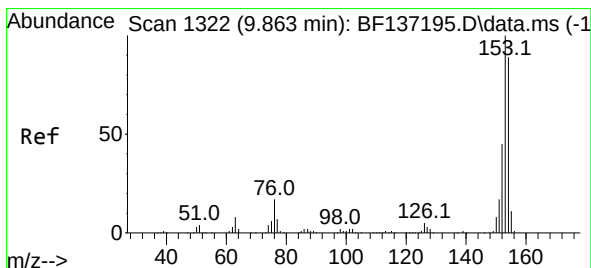
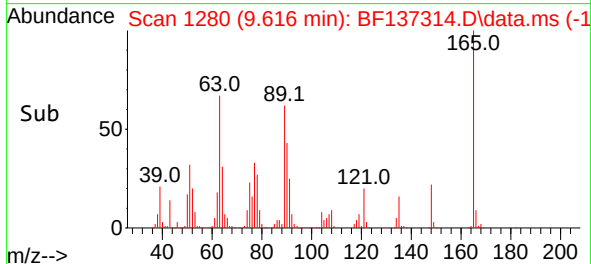
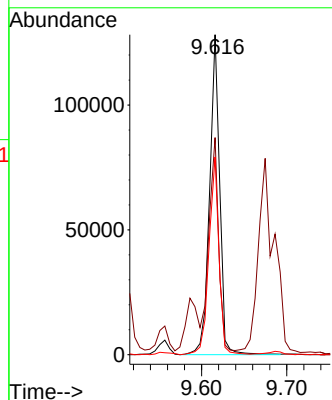
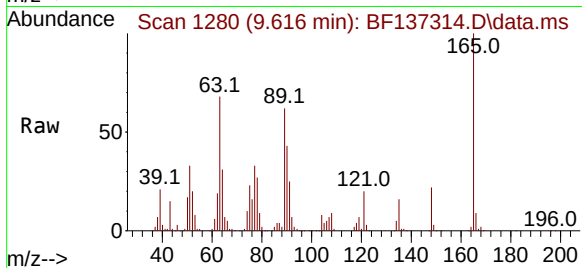




#51
2,6-Dinitrotoluene
Concen: 56.500 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

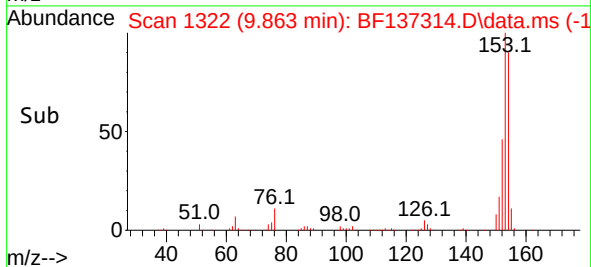
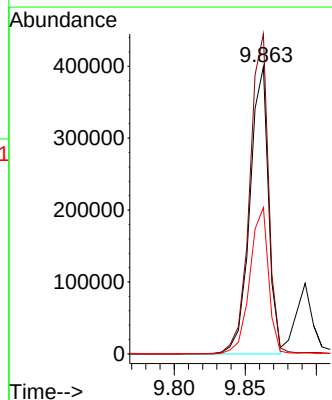
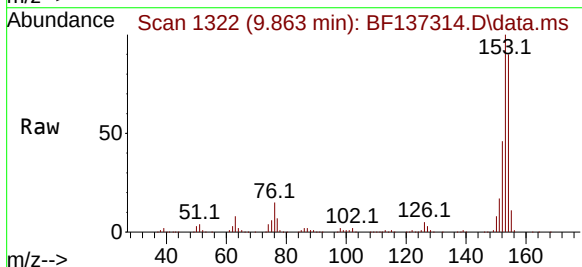
Instrument :
BNA_F
ClientSampleId :
PB158865BS

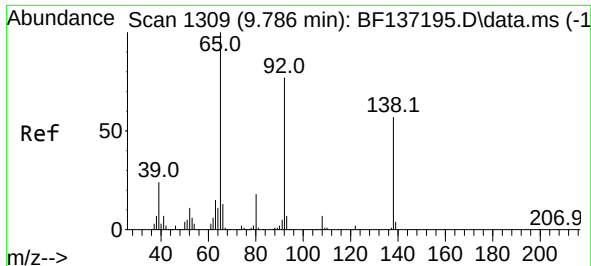
Tgt Ion:165 Resp: 105590
Ion Ratio Lower Upper
165 100
63 67.9 55.1 82.7
89 61.8 53.5 80.3



#52
Acenaphthene
Concen: 50.536 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:154 Resp: 363201
Ion Ratio Lower Upper
154 100
153 111.4 90.2 135.4
152 51.0 40.6 60.8

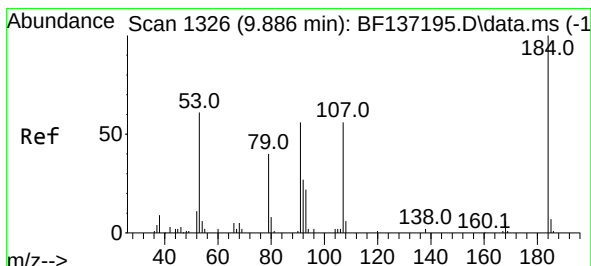
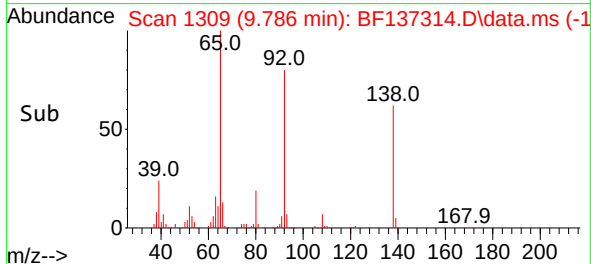
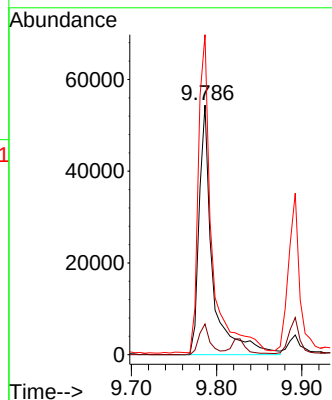
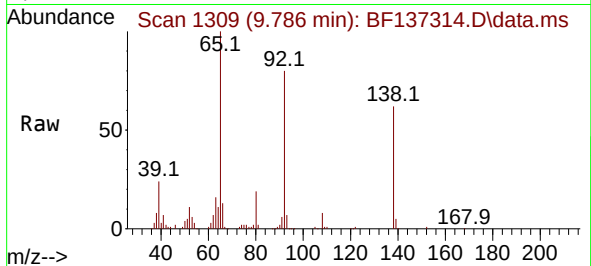




#53
3-Nitroaniline
Concen: 35.474 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

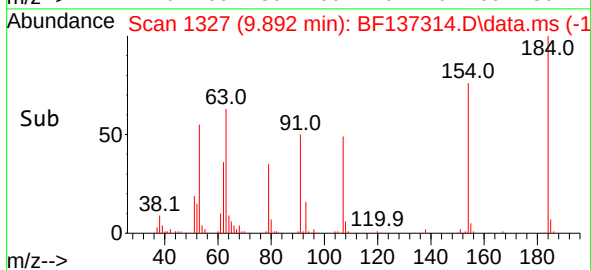
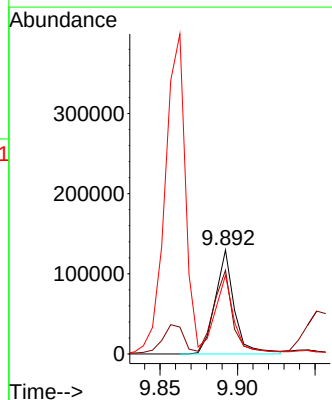
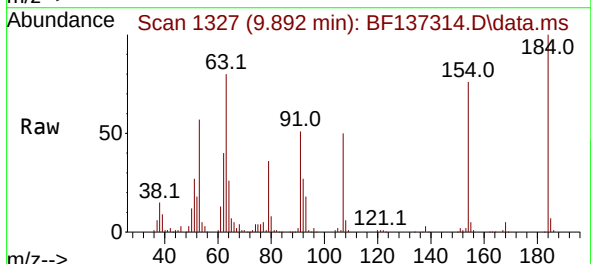
Instrument :
BNA_F
ClientSampleId :
PB158865BS

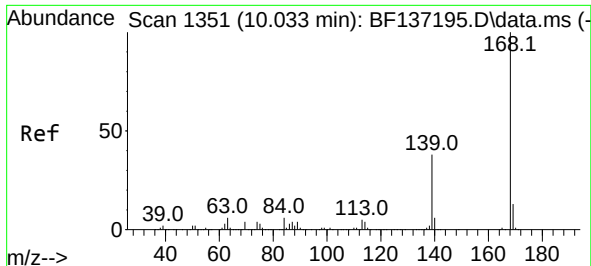
Tgt Ion:138 Resp: 59661
Ion Ratio Lower Upper
138 100
108 12.3 10.4 15.6
92 128.2 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 125.863 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:184 Resp: 111152
Ion Ratio Lower Upper
184 100
63 80.5 71.2 106.8
154 75.8 64.9 97.3

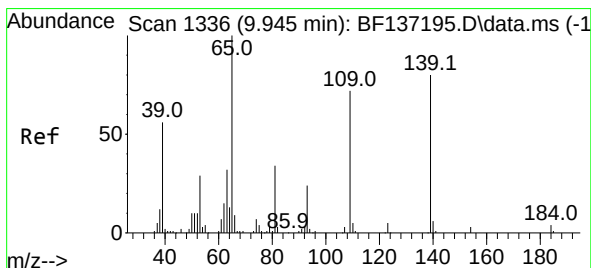
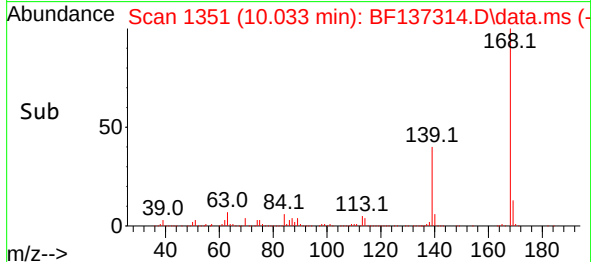
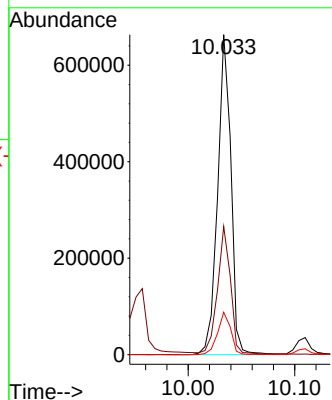
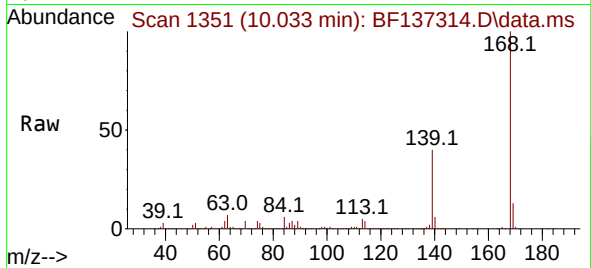




#55
Dibenzenofuran
Concen: 50.111 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

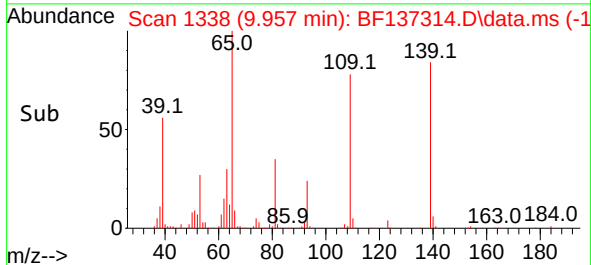
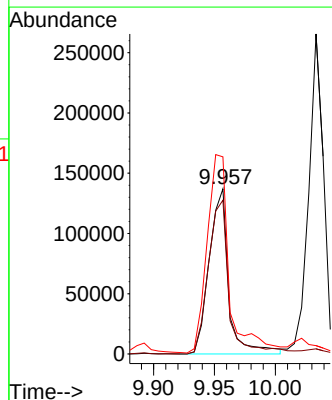
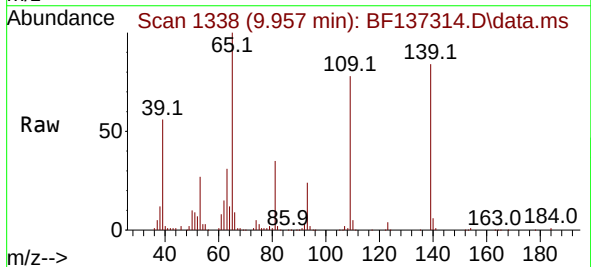
Instrument :
BNA_F
ClientSampleId :
PB158865BS

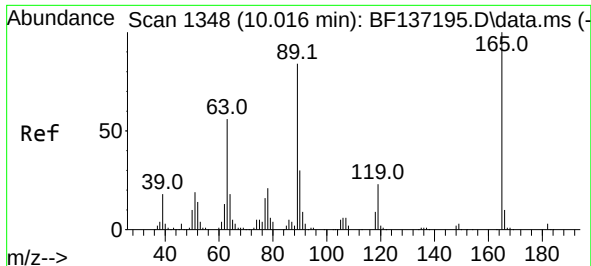
Tgt Ion:168 Resp: 572986
Ion Ratio Lower Upper
168 100
139 40.0 31.1 46.7
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: Below Cal
RT: 9.957 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:139 Resp: 152839
Ion Ratio Lower Upper
139 100
109 93.1 70.4 110.4
65 119.3 107.6 147.6

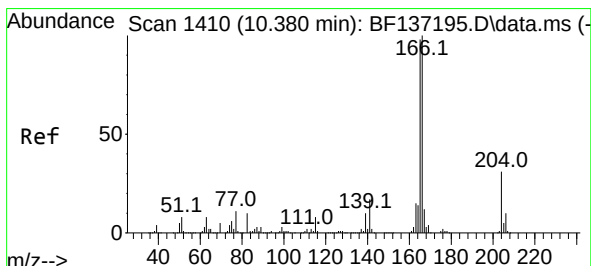
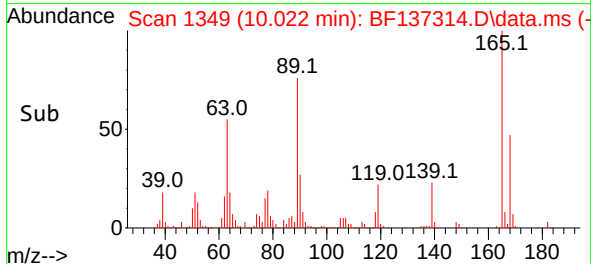
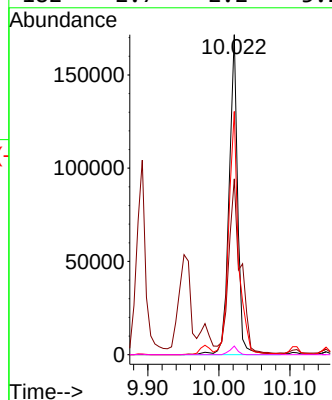
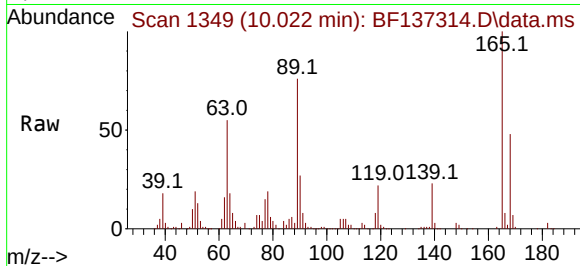




#57
2,4-Dinitrotoluene
Concen: 59.549 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

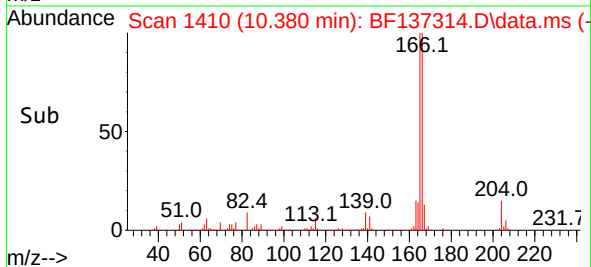
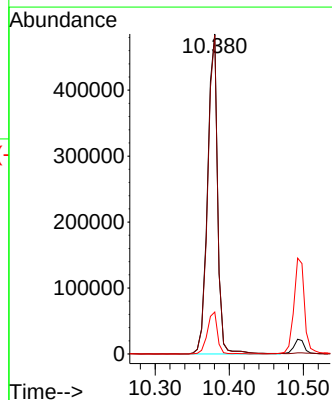
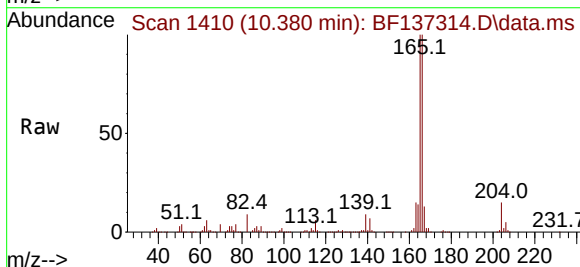
Instrument :
BNA_F
ClientSampleId :
PB158865BS

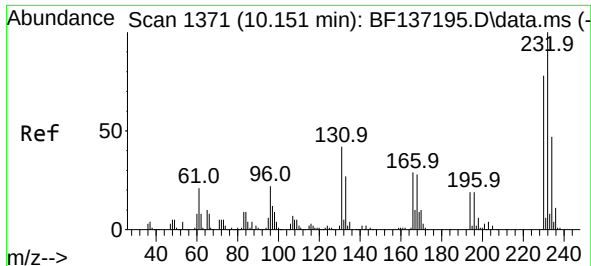
Tgt Ion:165 Resp: 144400
Ion Ratio Lower Upper
165 100
63 55.0 46.1 69.1
89 76.0 67.5 101.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 50.793 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:166 Resp: 455306
Ion Ratio Lower Upper
166 100
165 99.7 78.5 117.7
167 13.1 10.0 15.0



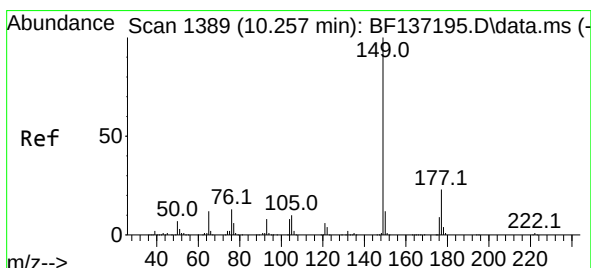
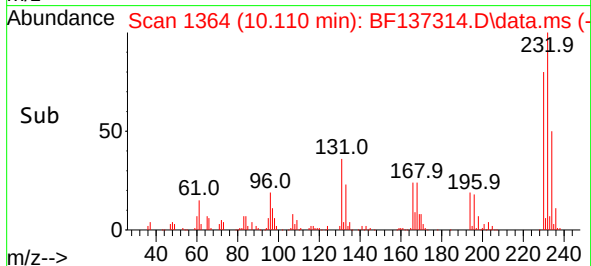
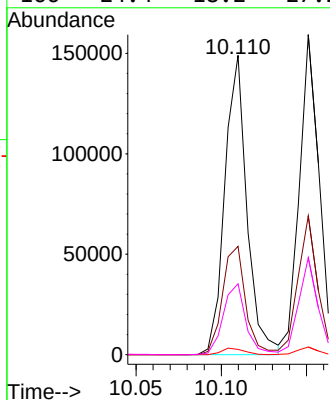
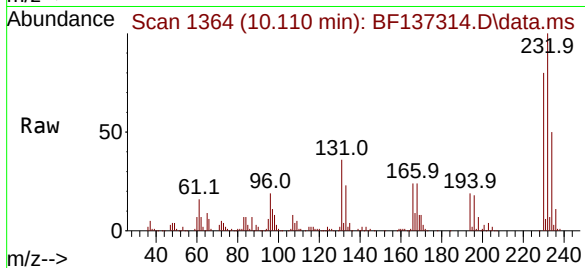


#59
2,3,4,6-Tetrachlorophenol
Concen: 53.763 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.041 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Instrument :
BNA_F
ClientSampleId :
PB158865BS

Tgt Ion:232 Resp: 134627
Ion Ratio Lower Upper

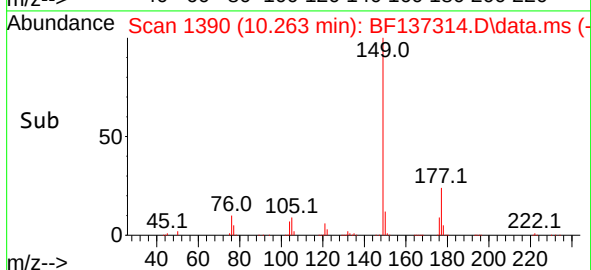
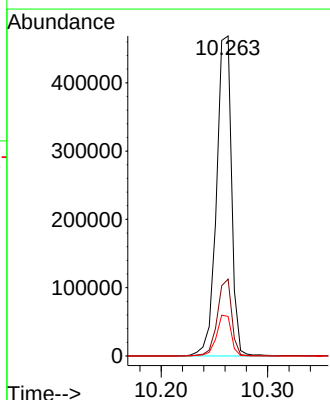
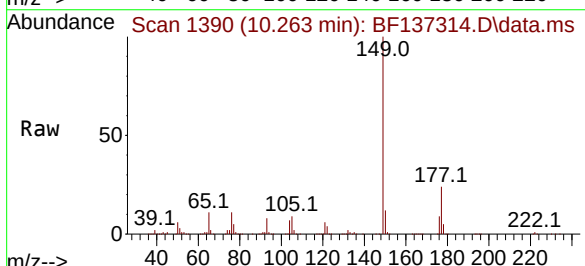
232	100		
131	38.2	27.4	41.2
130	2.2	1.7	2.5
166	24.4	18.2	27.2

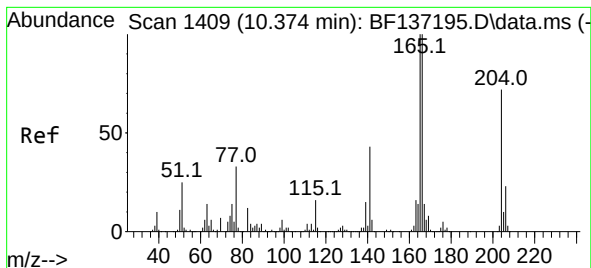


#60
Diethylphthalate
Concen: 53.119 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:149 Resp: 458383

Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.0	27.0
150	12.3	9.6	14.4

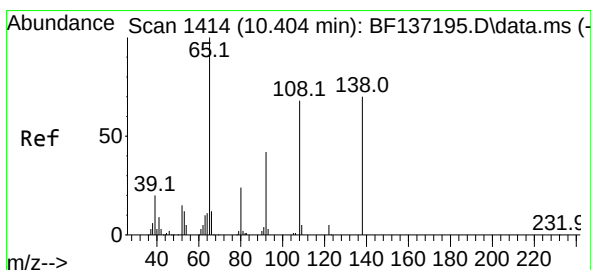
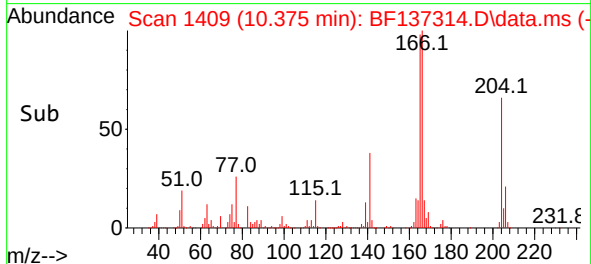
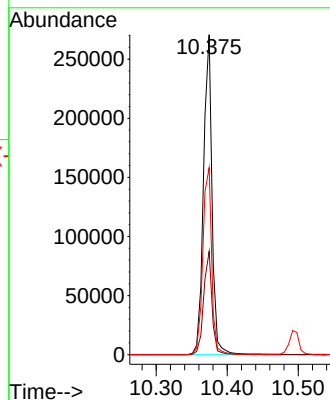
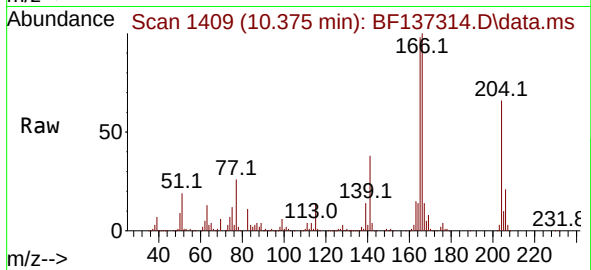




#61
4-Chlorophenyl-phenylether
Concen: 51.016 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

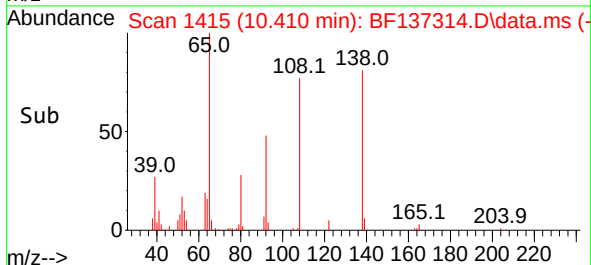
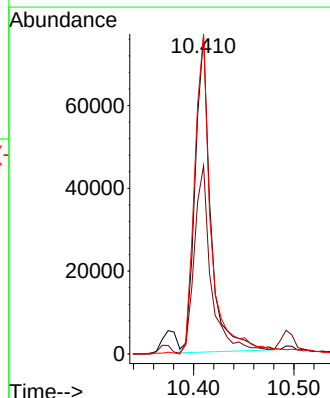
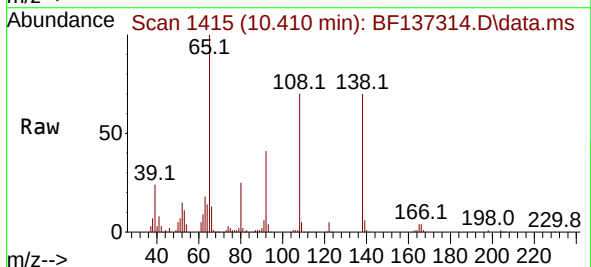
Instrument :
BNA_F
ClientSampleId :
PB158865BS

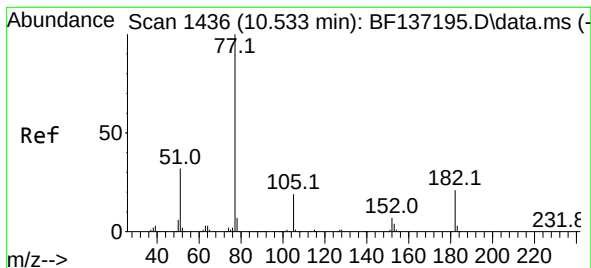
Tgt Ion:204 Resp: 227309
Ion Ratio Lower Upper
204 100
206 32.3 25.5 38.3
141 58.4 48.3 72.5



#62
4-Nitroaniline
Concen: 51.284 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:138 Resp: 82557
Ion Ratio Lower Upper
138 100
92 59.2 39.3 79.3
108 100.6 75.3 115.3





#63

Azobenzene

Concen: 50.572 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

Tgt Ion: 77 Resp: 483324

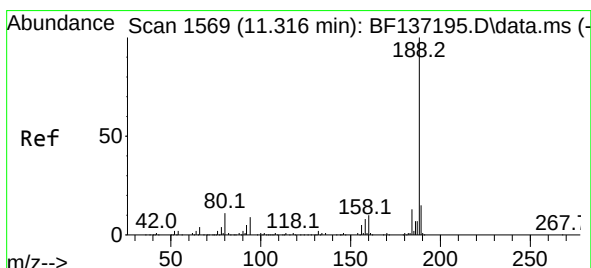
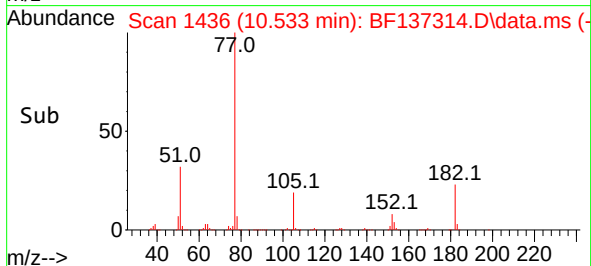
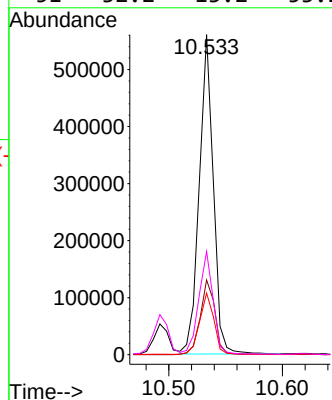
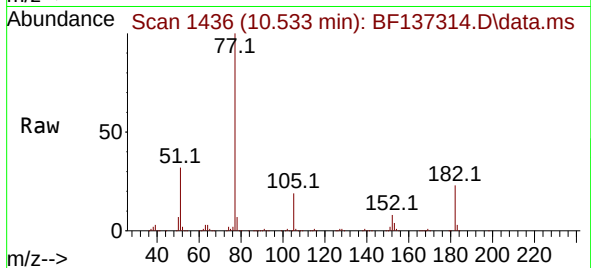
Ion Ratio Lower Upper

77 100

182 23.3 1.1 41.1

105 19.2 0.0 38.9

51 32.2 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

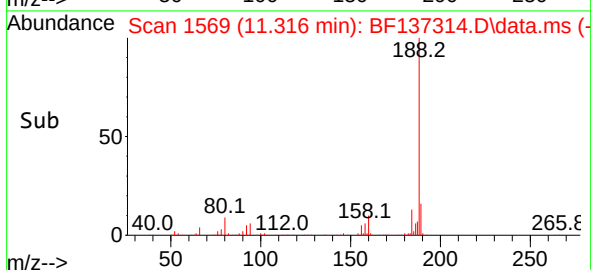
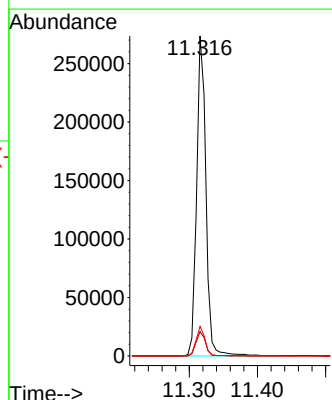
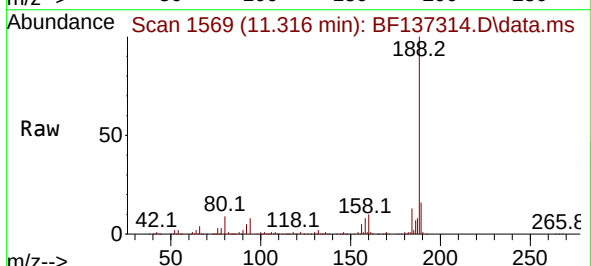
Tgt Ion: 188 Resp: 258602

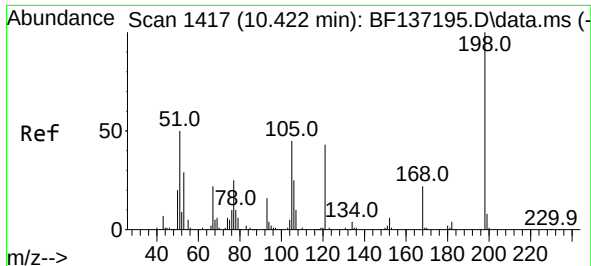
Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.4

80 9.3 8.8 13.2

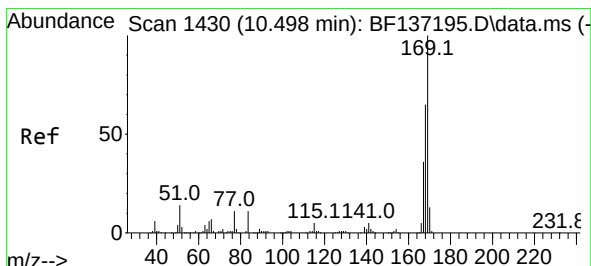
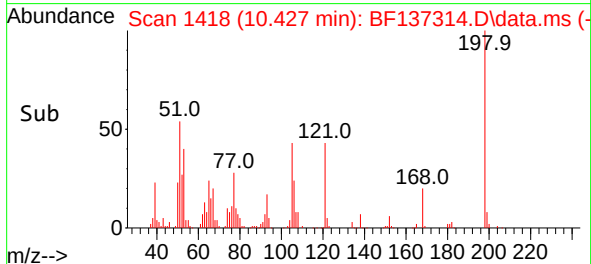
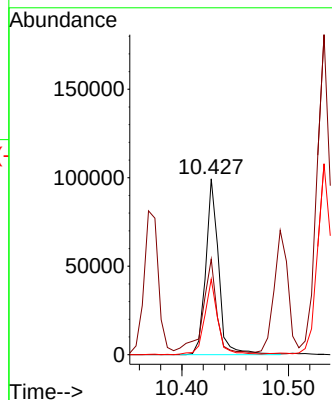
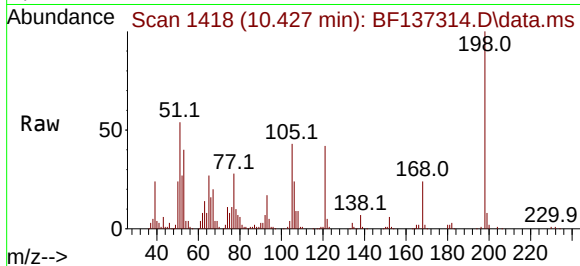




#65
4,6-Dinitro-2-methylphenol
Concen: 59.568 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

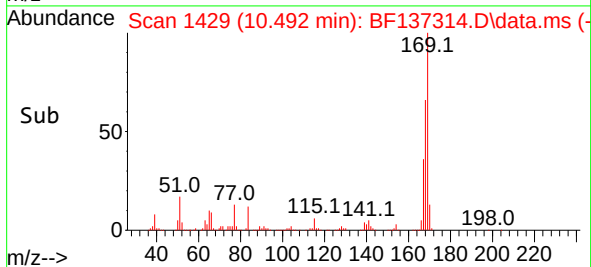
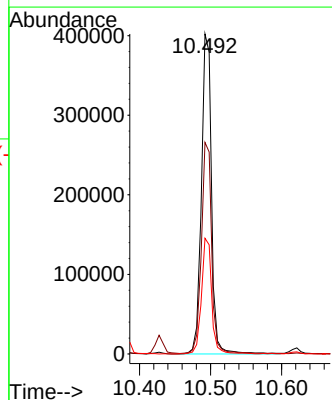
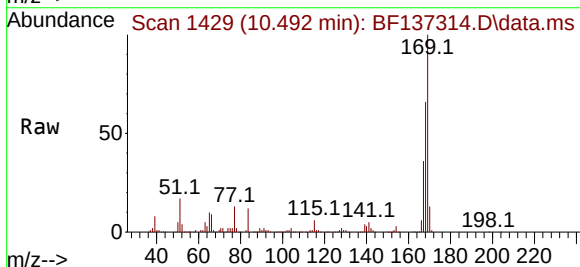
Instrument :
BNA_F
ClientSampleId :
PB158865BS

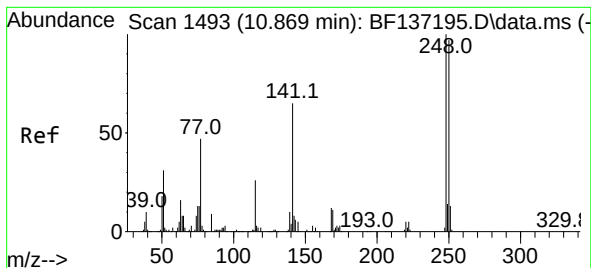
Tgt Ion:198 Resp: 83631
Ion Ratio Lower Upper
198 100
51 54.4 40.9 80.9
105 43.0 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 50.684 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:169 Resp: 398528
Ion Ratio Lower Upper
169 100
168 66.1 51.9 77.9
167 36.1 29.0 43.6

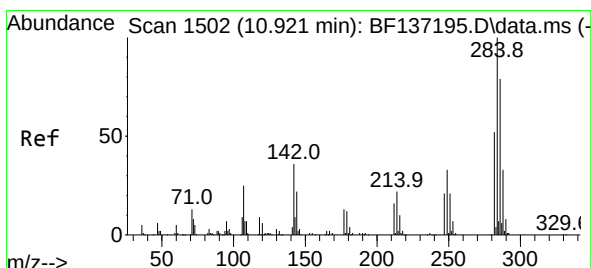
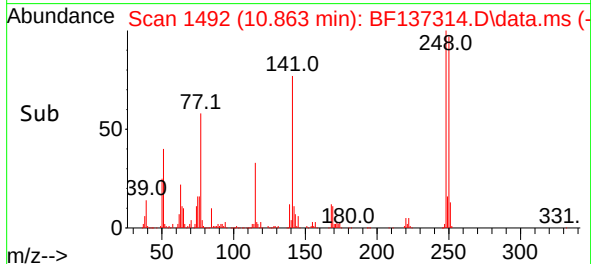
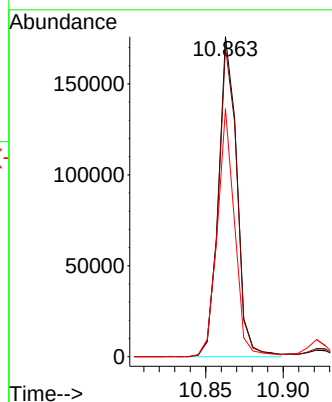
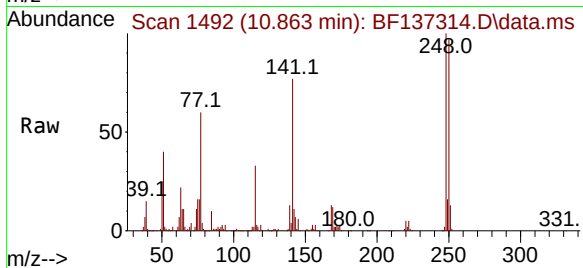




#67
4-Bromophenyl-phenylether
Concen: 51.352 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

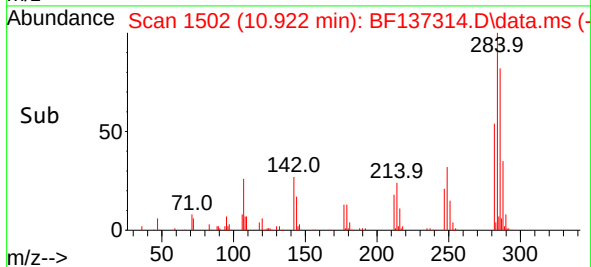
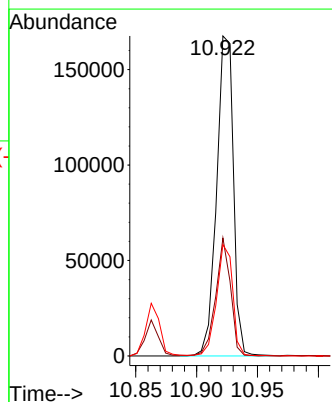
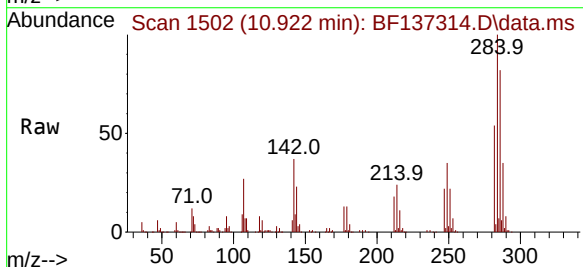
Instrument :
BNA_F
ClientSampleId :
PB158865BS

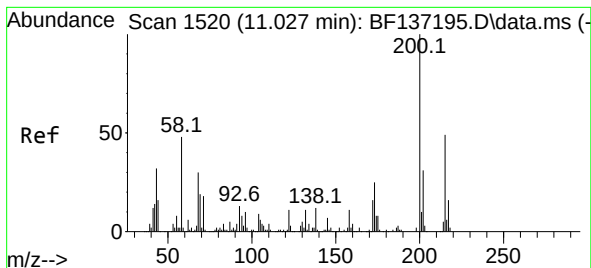
Tgt Ion:248 Resp: 146020
Ion Ratio Lower Upper
248 100
250 96.8 77.7 116.5
141 77.5 51.6 77.4#



#68
Hexachlorobenzene
Concen: 50.848 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:284 Resp: 161502
Ion Ratio Lower Upper
284 100
142 36.9 28.7 43.1
249 34.8 27.0 40.4





#69

Atrazine

Concen: 55.301 ng

RT: 11.027 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

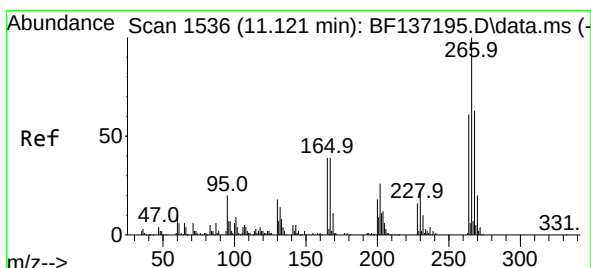
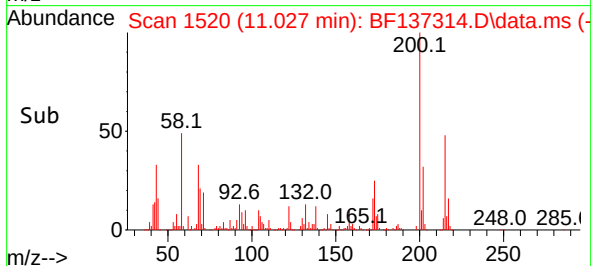
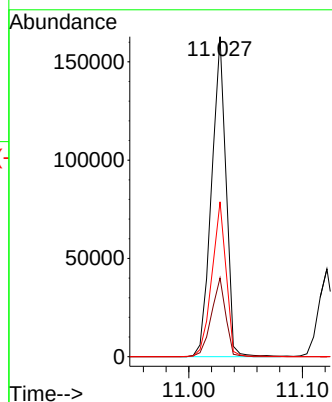
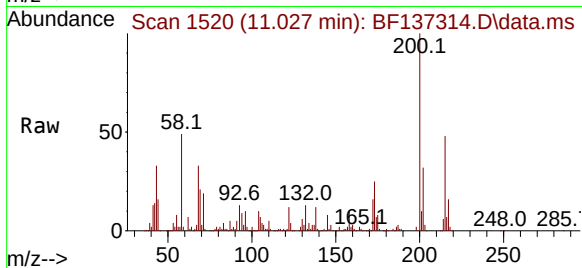
Tgt Ion:200 Resp: 143546

Ion Ratio Lower Upper

200 100

173 24.6 5.3 45.3

215 48.4 29.4 69.4



#70

Pentachlorophenol

Concen: 116.899 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.001 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

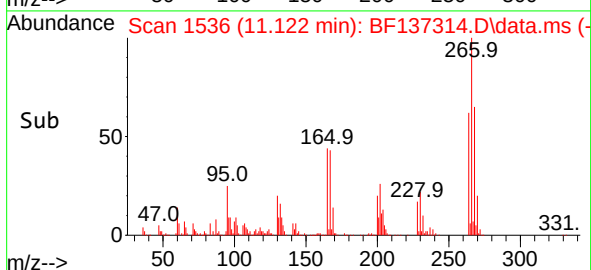
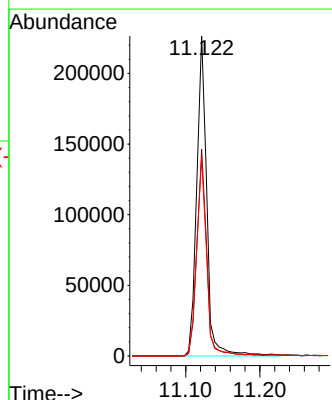
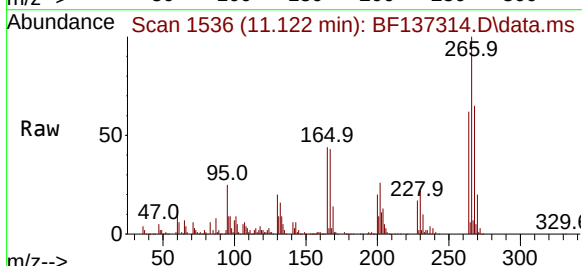
Tgt Ion:266 Resp: 212840

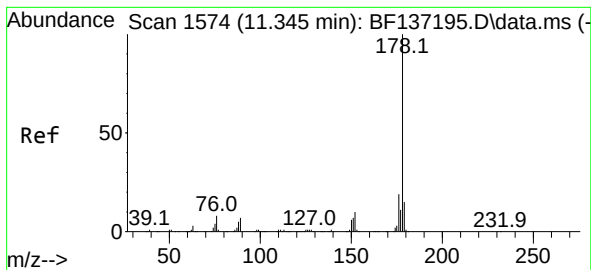
Ion Ratio Lower Upper

266 100

268 64.6 50.6 76.0

264 61.9 48.8 73.2





#71

Phenanthrene

Concen: 51.051 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

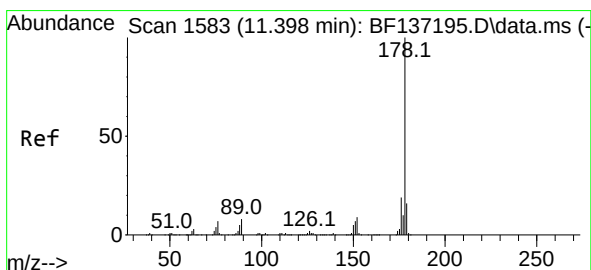
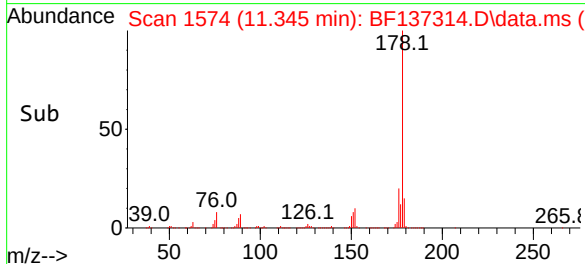
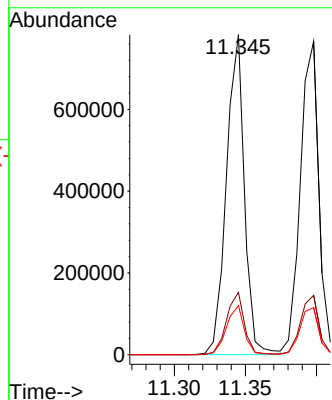
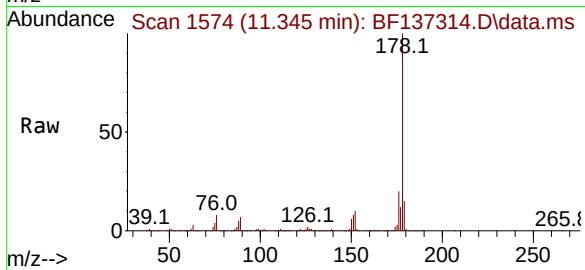
Tgt Ion:178 Resp: 691137

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

179 15.3 12.1 18.1



#72

Anthracene

Concen: 50.717 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

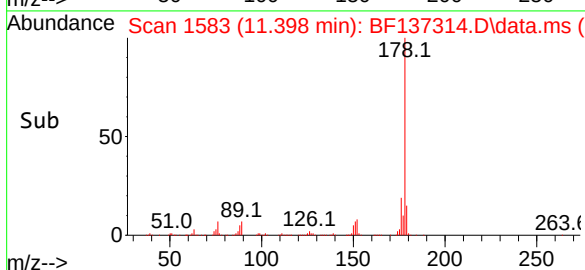
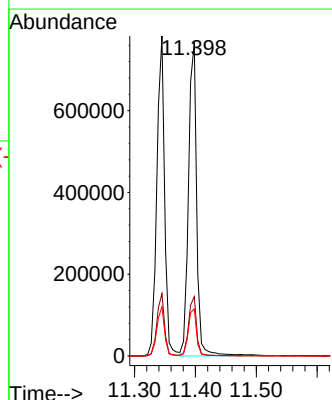
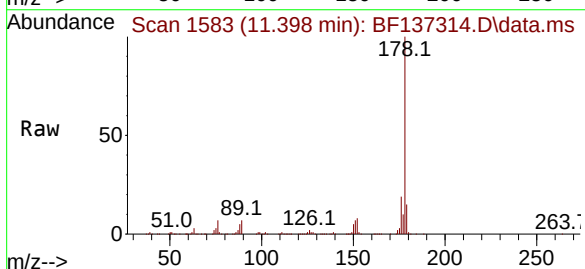
Tgt Ion:178 Resp: 715651

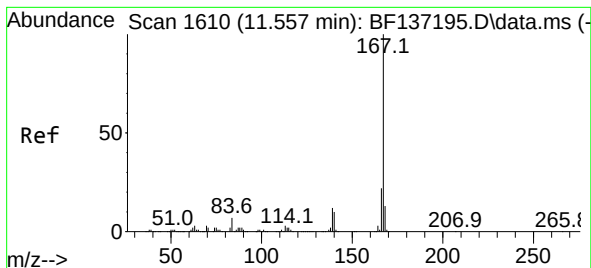
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.0 12.7 19.1





#73

Carbazole

Concen: 53.373 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

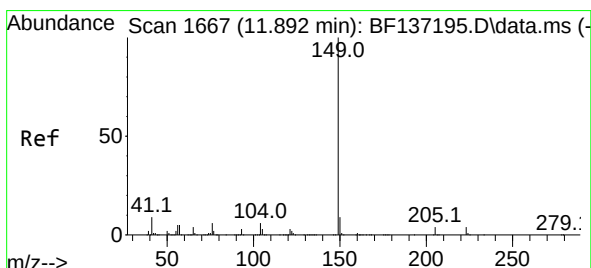
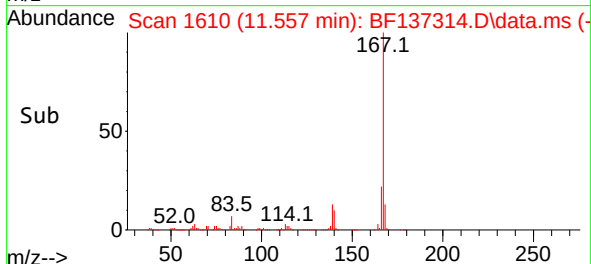
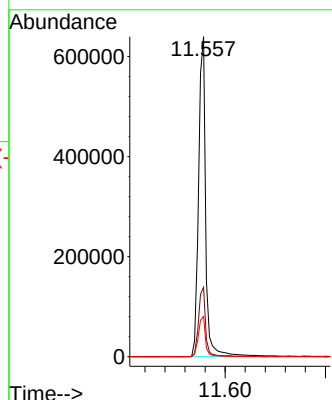
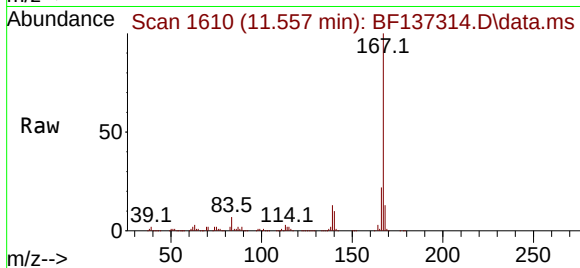
Tgt Ion:167 Resp: 629418

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

139 12.5 9.7 14.5



#74

Di-n-butylphthalate

Concen: 57.736 ng

RT: 11.892 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

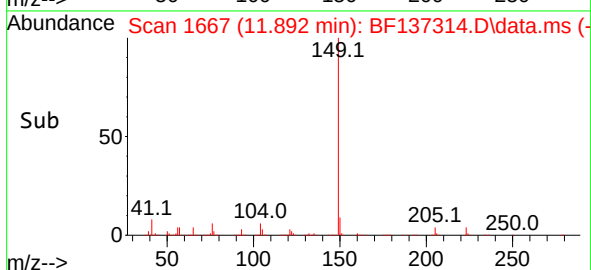
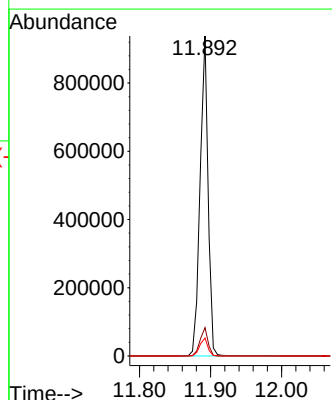
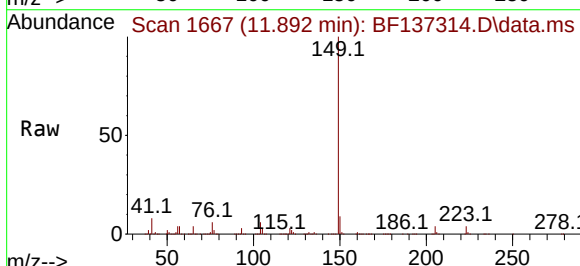
Tgt Ion:149 Resp: 736000

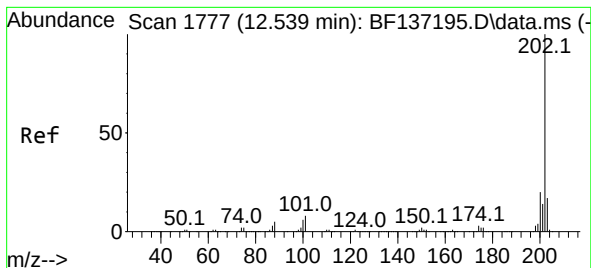
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 54.806 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

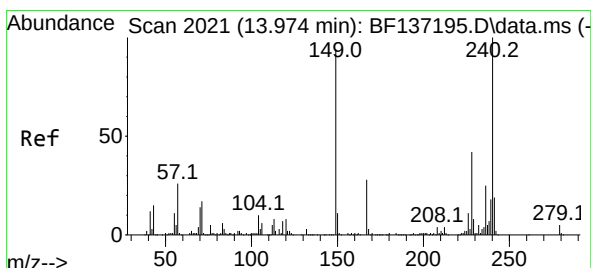
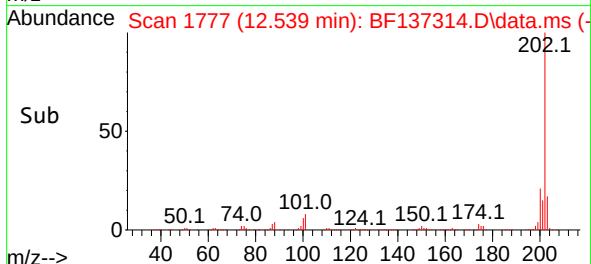
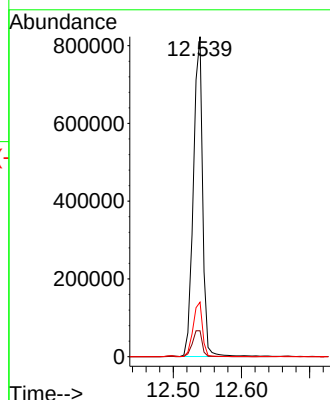
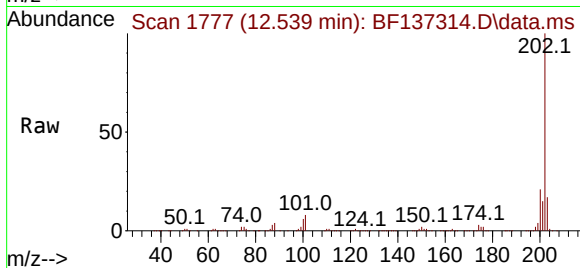
Tgt Ion:202 Resp: 776409

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.4

203 17.1 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: BF137314.D

Acq: 07 Feb 2024 11:43

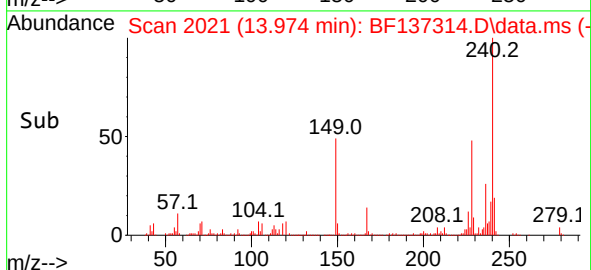
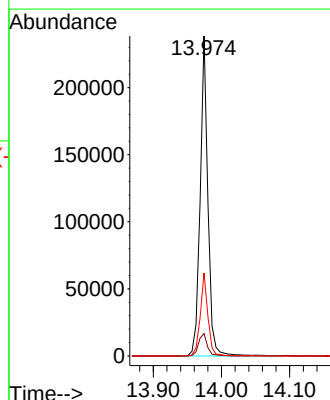
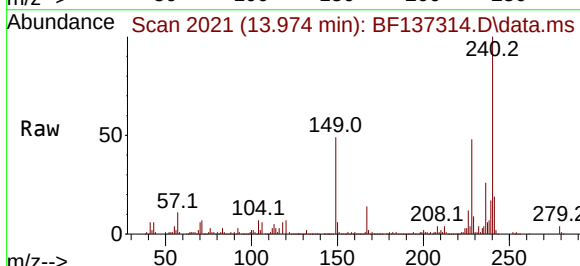
Tgt Ion:240 Resp: 188317

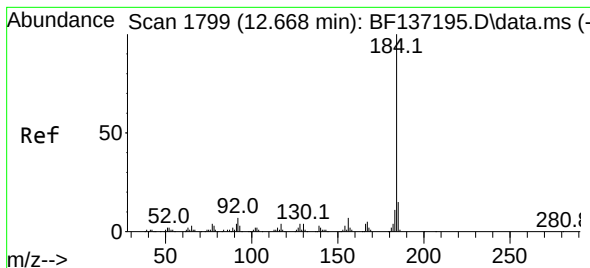
Ion Ratio Lower Upper

240 100

120 7.0 6.3 9.5

236 26.0 20.3 30.5





#77

Benzidine

Concen: 66.216 ng

RT: 12.668 min Scan# 1799

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

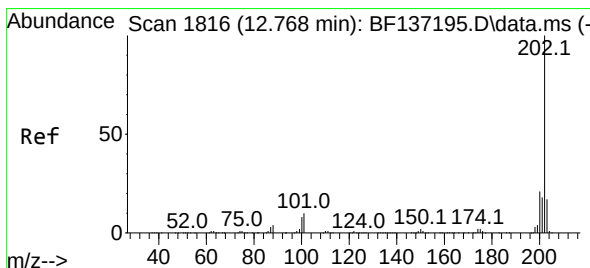
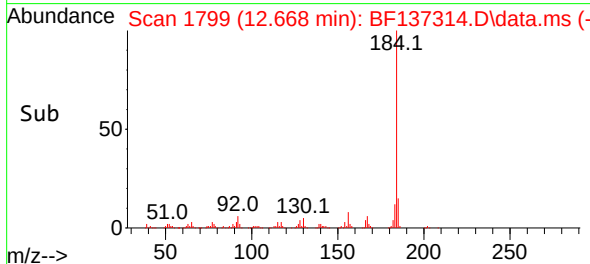
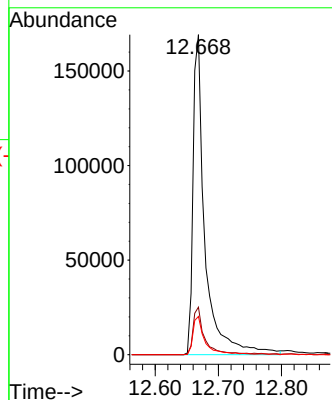
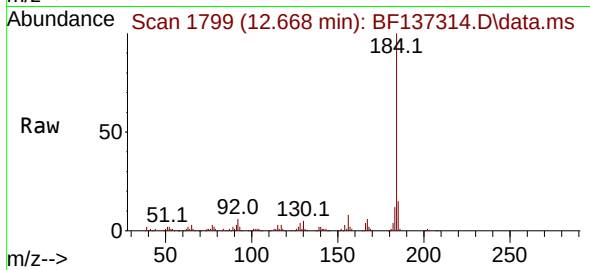
Tgt Ion:184 Resp: 223286

Ion Ratio Lower Upper

184 100

185 14.8 11.9 17.9

183 11.9 8.8 13.2



#78

Pyrene

Concen: 44.289 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

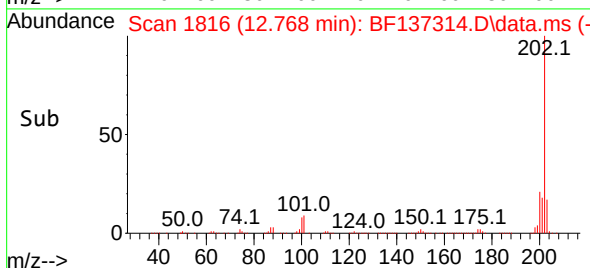
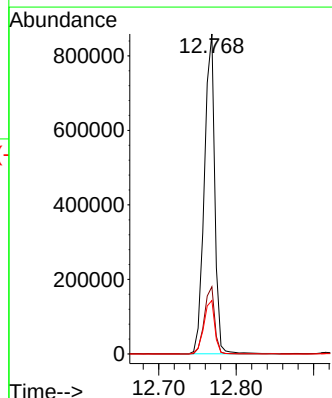
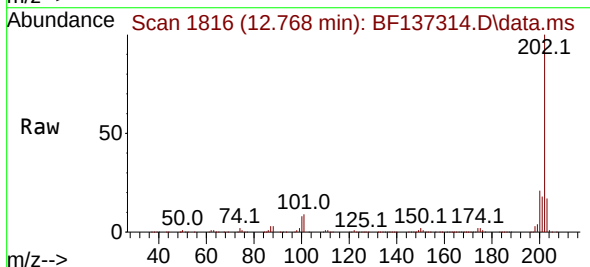
Tgt Ion:202 Resp: 801514

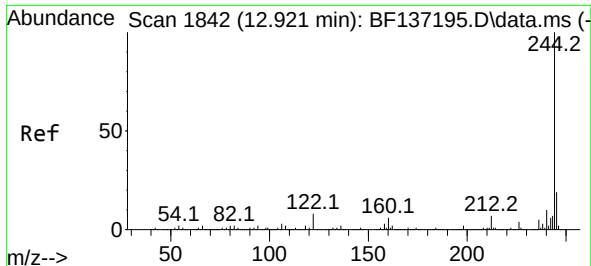
Ion Ratio Lower Upper

202 100

200 21.0 16.5 24.7

203 16.7 13.8 20.6

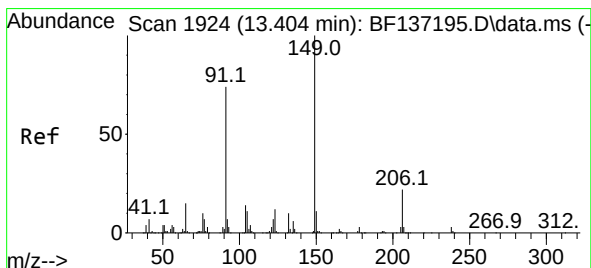
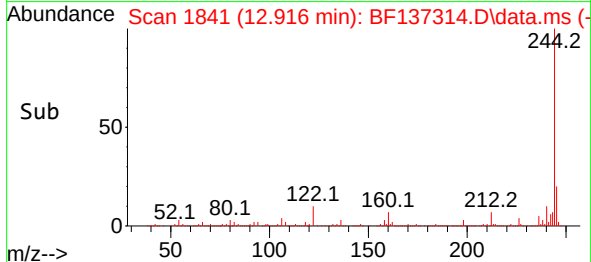
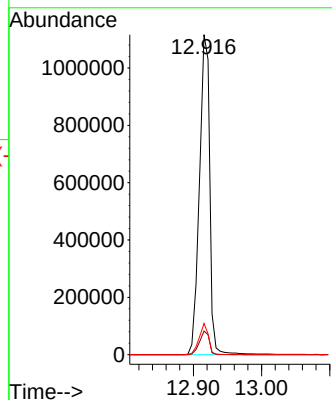
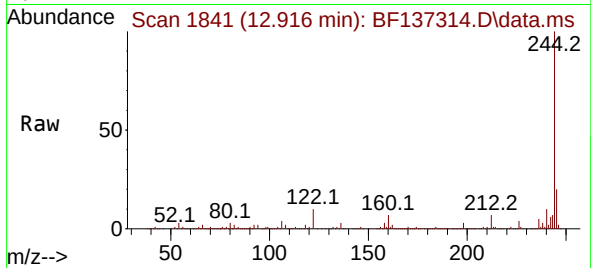




#79
 Terphenyl-d14
 Concen: 84.730 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137314.D
 Acq: 07 Feb 2024 11:43

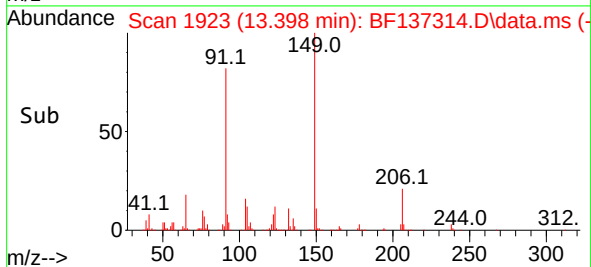
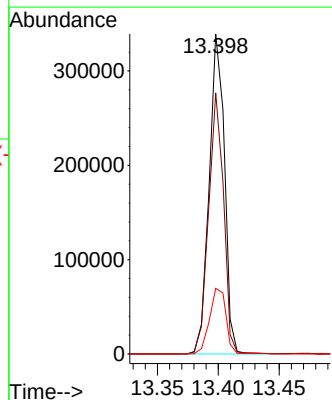
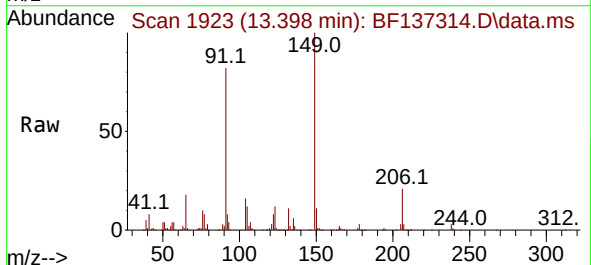
Instrument :
 BNA_F
 ClientSampleId :
 PB158865BS

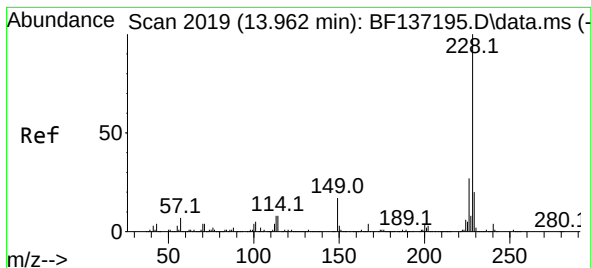
Tgt Ion:244 Resp: 1173726
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 9.8 6.2 9.4#



#80
 Butylbenzylphthalate
 Concen: 63.989 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137314.D
 Acq: 07 Feb 2024 11:43

Tgt Ion:149 Resp: 296239
 Ion Ratio Lower Upper
 149 100
 91 81.6 58.8 88.2
 206 20.5 17.7 26.5





#81

Benzo(a)anthracene

Concen: 50.098 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

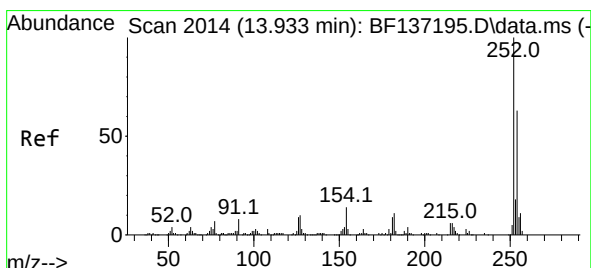
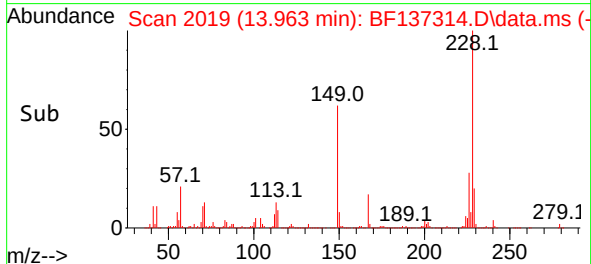
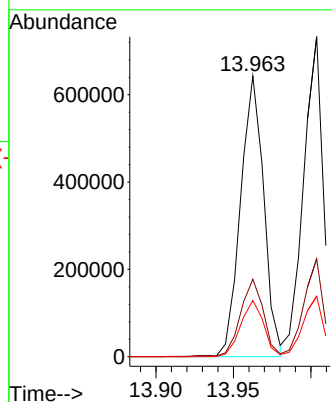
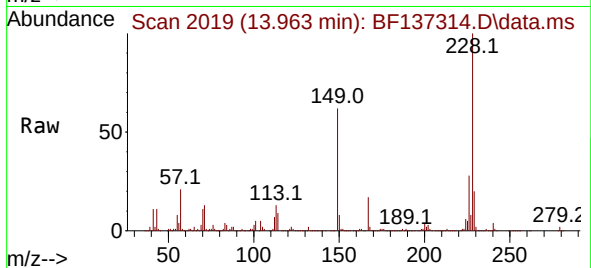
Tgt Ion:228 Resp: 668144

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.413 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

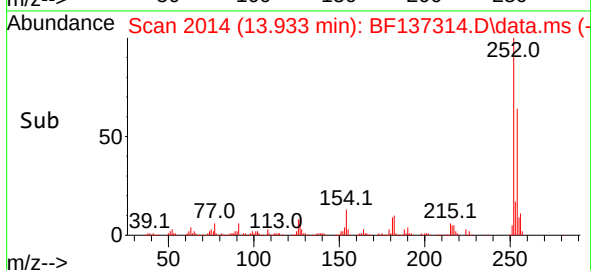
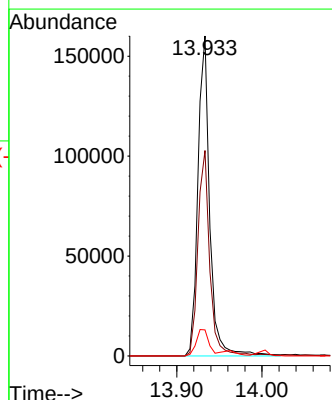
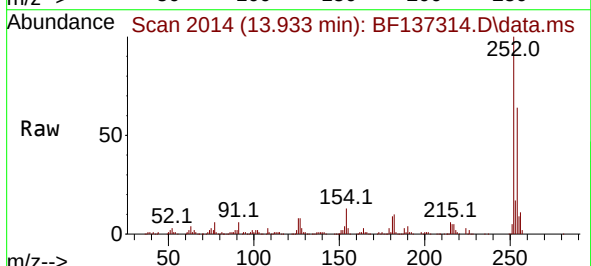
Tgt Ion:252 Resp: 154112

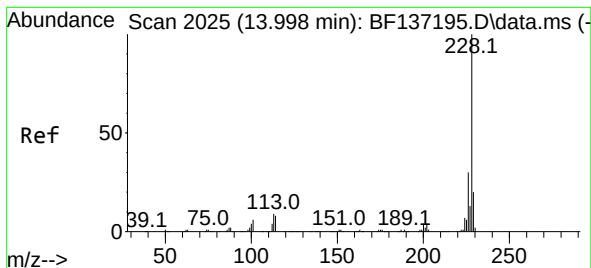
Ion Ratio Lower Upper

252 100

254 64.2 50.2 75.2

126 8.1 7.0 10.6





#83

Chrysene

Concen: 51.594 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

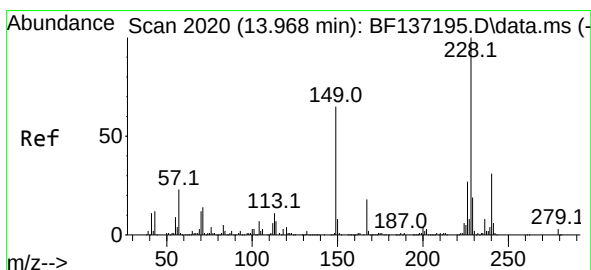
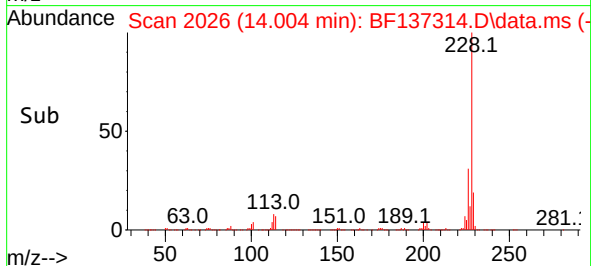
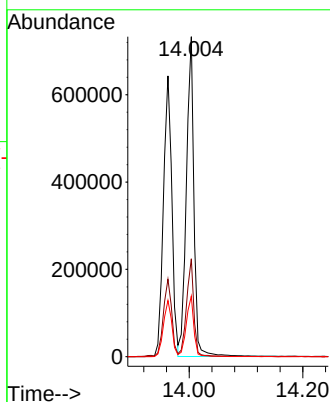
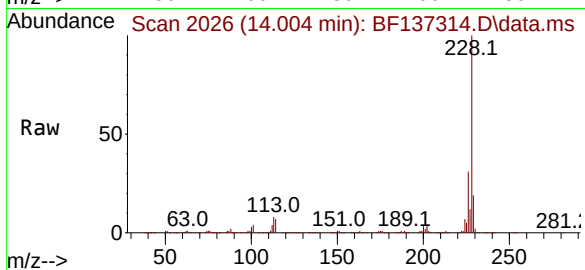
Tgt Ion:228 Resp: 676490

Ion Ratio Lower Upper

228 100

226 30.6 23.7 35.5

229 18.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.623 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

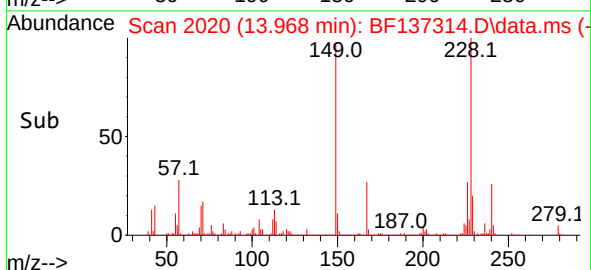
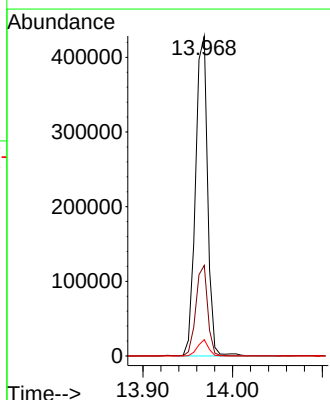
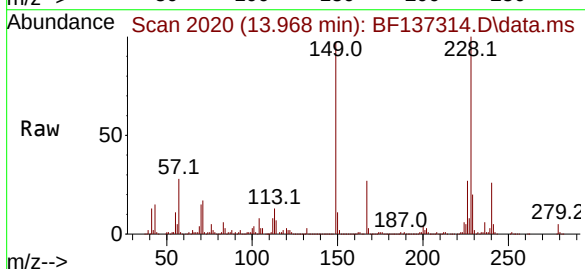
Tgt Ion:149 Resp: 401922

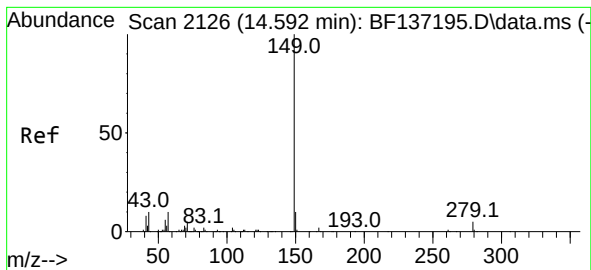
Ion Ratio Lower Upper

149 100

167 28.3 21.7 32.5

279 5.1 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 74.160 ng

RT: 14.586 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

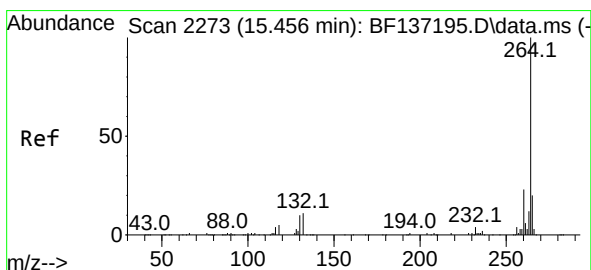
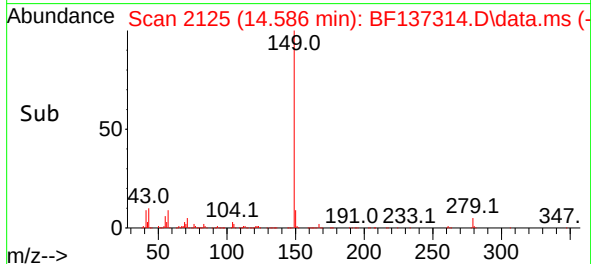
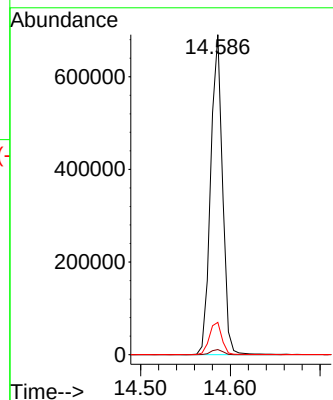
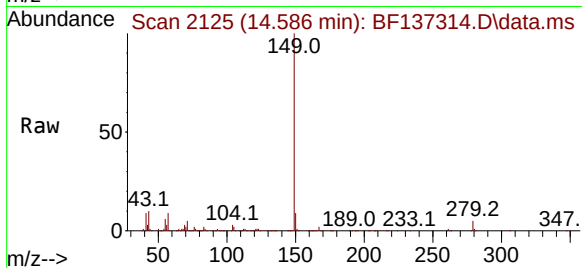
Tgt Ion:149 Resp: 635101

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

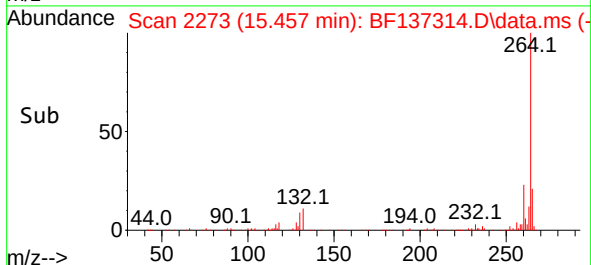
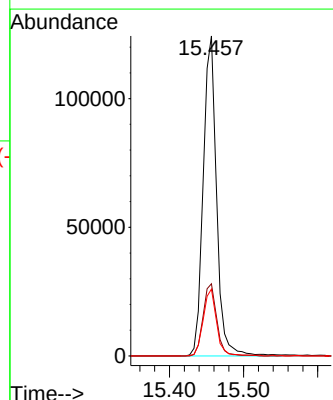
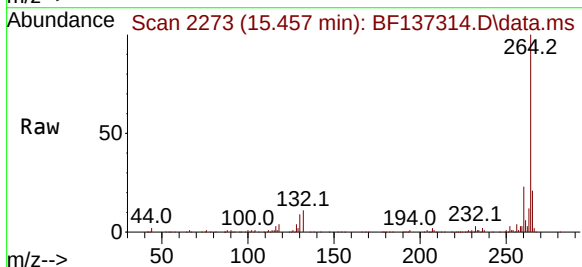
Tgt Ion:264 Resp: 155847

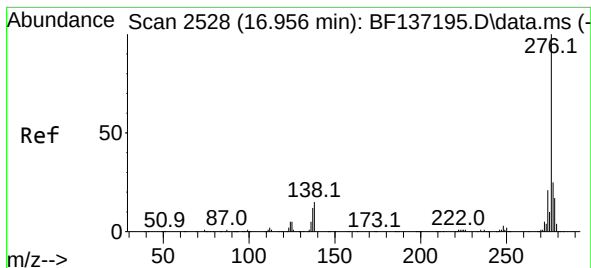
Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 20.9 16.2 24.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.097 ng

RT: 16.962 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

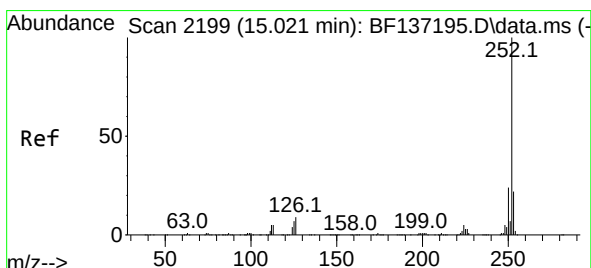
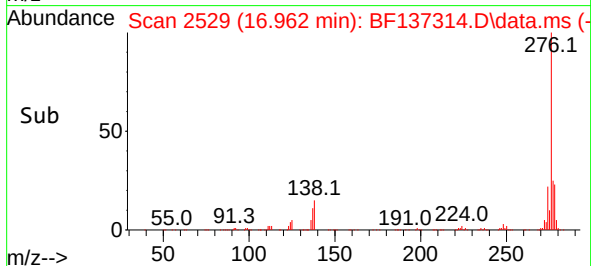
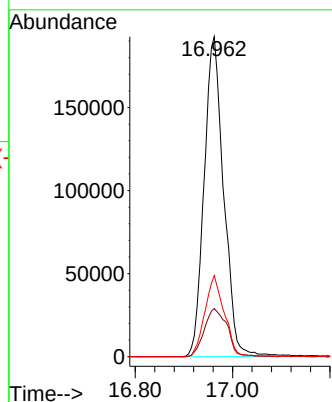
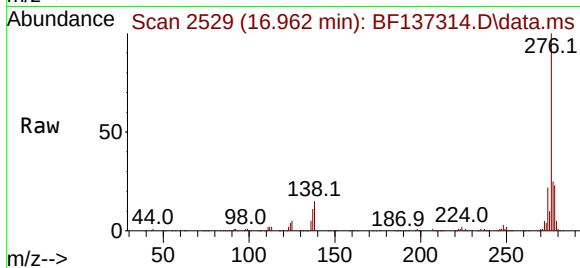
Tgt Ion:276 Resp: 537570

Ion Ratio Lower Upper

276 100

138 17.6 14.6 21.8

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 56.503 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

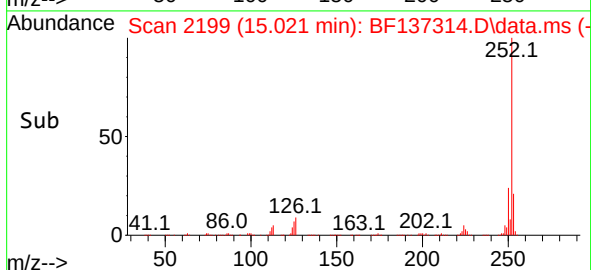
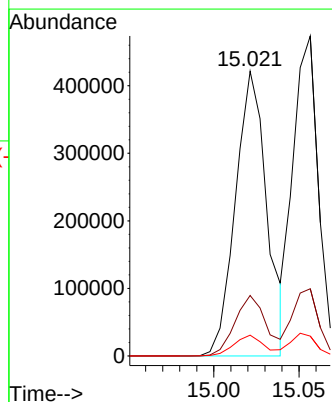
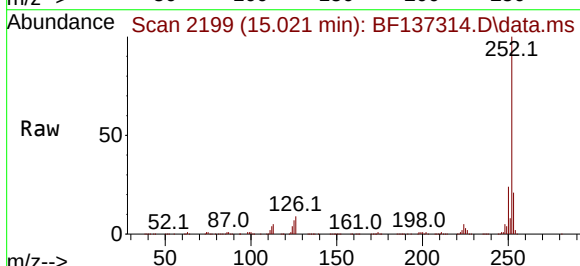
Tgt Ion:252 Resp: 541547

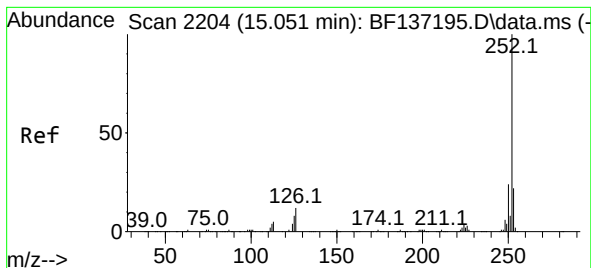
Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

125 7.3 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 49.743 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB158865BS

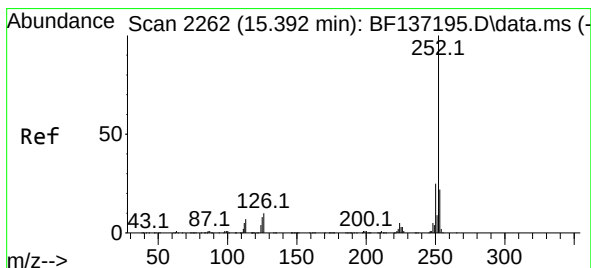
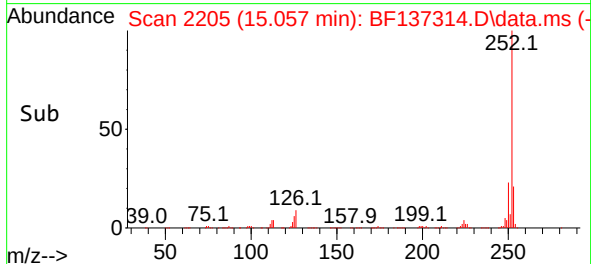
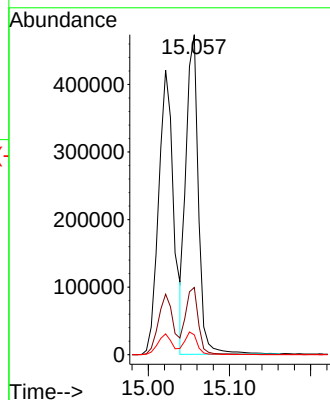
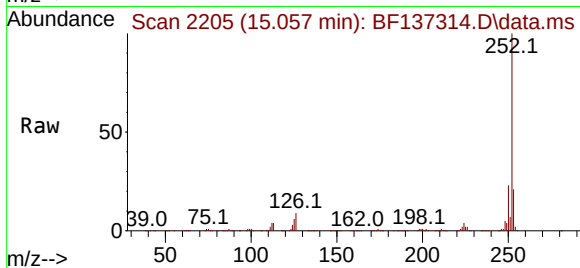
Tgt Ion:252 Resp: 504362

Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.6

125 6.2 5.9 8.9



#90

Benzo(a)pyrene

Concen: 50.223 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF137314.D

Acq: 07 Feb 2024 11:43

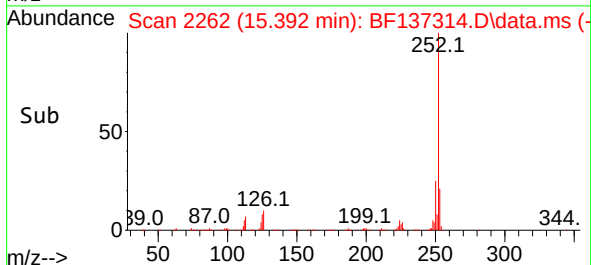
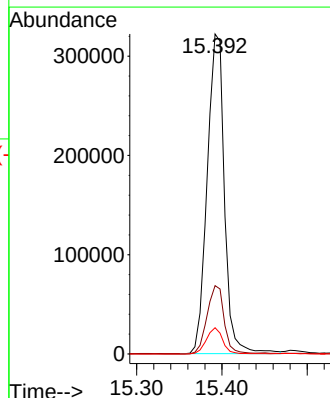
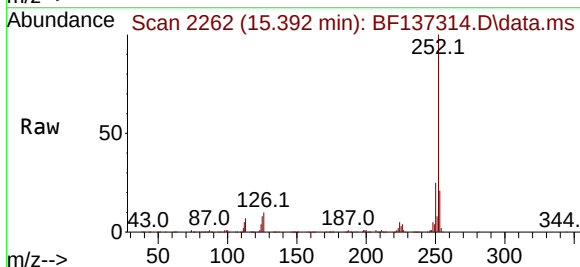
Tgt Ion:252 Resp: 452988

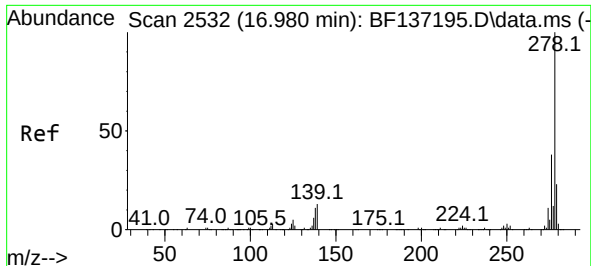
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 8.2 6.5 9.7

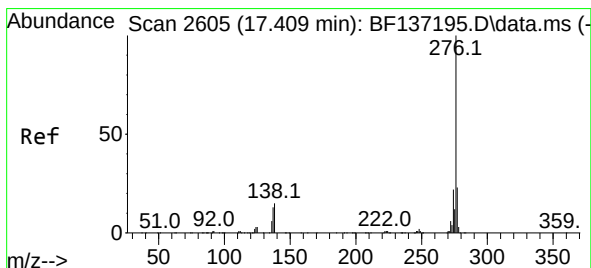
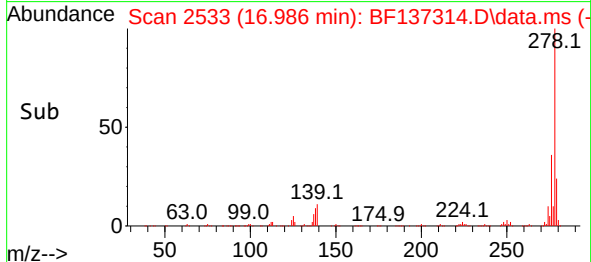
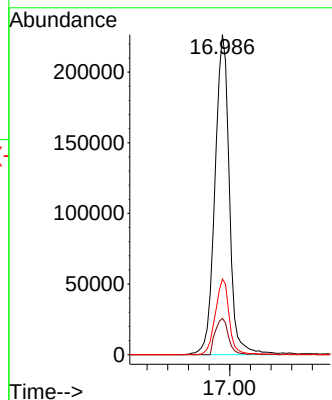
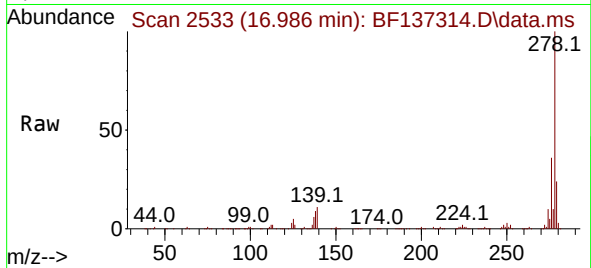




#91
Dibenzo(a,h)anthracene
Concen: 50.104 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Instrument :
BNA_F
ClientSampleId :
PB158865BS

Tgt Ion:278 Resp: 439576
Ion Ratio Lower Upper
278 100
139 11.3 10.0 15.0
279 23.7 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 50.001 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF137314.D
Acq: 07 Feb 2024 11:43

Tgt Ion:276 Resp: 430542
Ion Ratio Lower Upper
276 100
277 23.7 18.4 27.6
138 14.7 11.8 17.8

