

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
 Data File : BF137346.D
 Acq On : 08 Feb 2024 19:18
 Operator : CG\JU
 Sample : P1365-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5(10-12)

Quant Time: Feb 09 01:38:19 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)

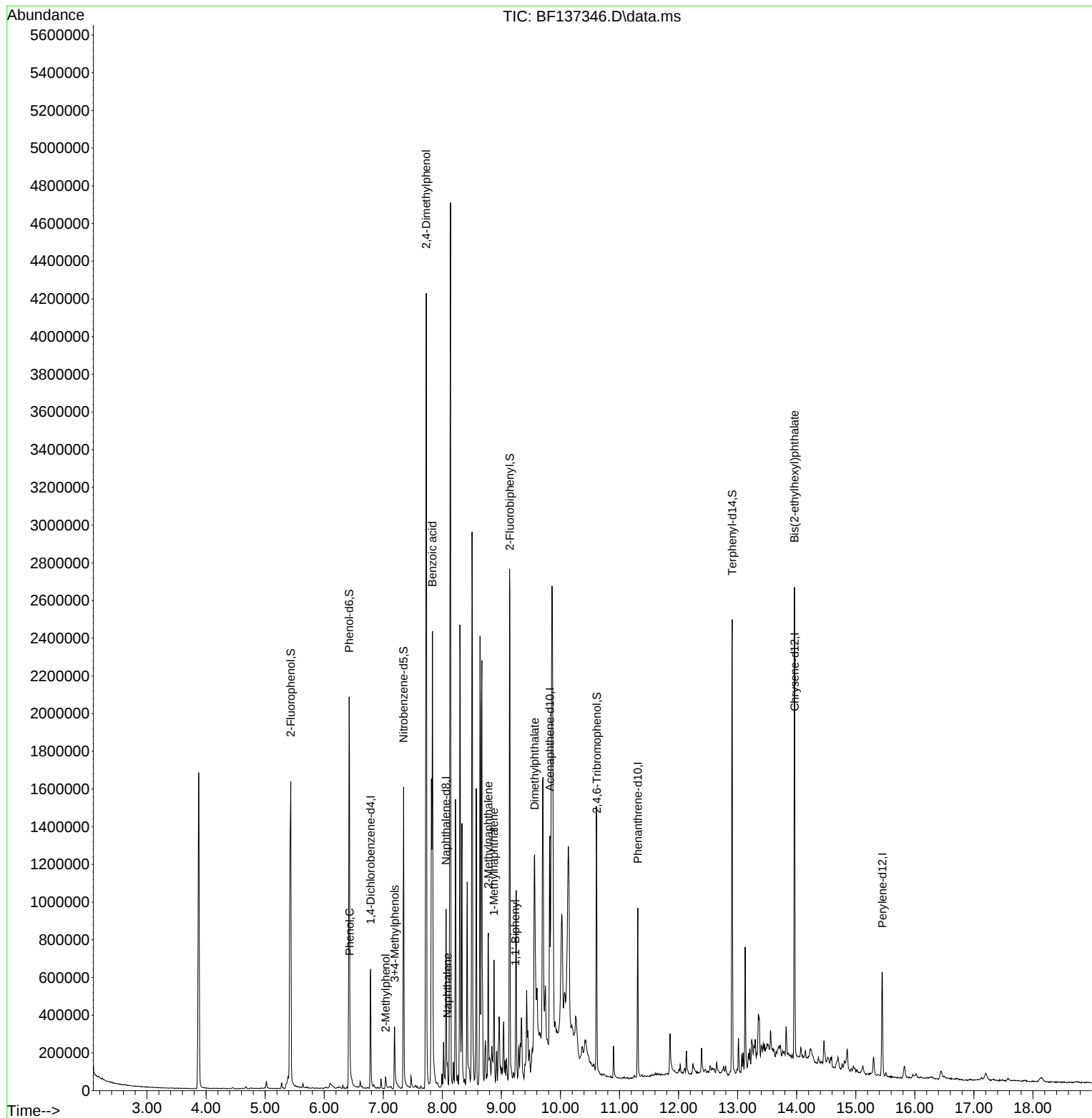
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	101768	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	387109	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	201738	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	322331	20.000	ng	0.00
76) Chrysene-d12	13.968	240	210961	20.000	ng	0.00
86) Perylene-d12	15.451	264	285581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	632090	102.488	ng	0.02
7) Phenol-d6	6.422	99	802603	91.189	ng	0.00
23) Nitrobenzene-d5	7.345	82	509322	58.906	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	175075	76.843	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	879613	59.938	ng	0.00
79) Terphenyl-d14	12.910	244	758799	48.897	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.434	94	56024	5.702	ng	97
17) 2-Methylphenol	7.039	107	13062	2.267	ng	# 92
20) 3+4-Methylphenols	7.192	107	102765	14.091	ng	# 58
27) 2,4-Dimethylphenol	7.728	122	793185	173.882	ng	98
31) Naphthalene	8.086	128	48161	2.301	ng	99
32) Benzoic acid	7.834	122	293144	82.143	ng	# 19
37) 2-Methylnaphthalene	8.781	142	214457	15.285	ng	99
38) 1-Methylnaphthalene	8.875	142	142006	10.897	ng	100
46) 1,1'-Biphenyl	9.239	154	48292	3.009	ng	94
50) Dimethylphthalate	9.563	163	381493	27.992	ng	# 96
84) Bis(2-ethylhexyl)phtha...	13.963	149	478668	79.333	ng	98

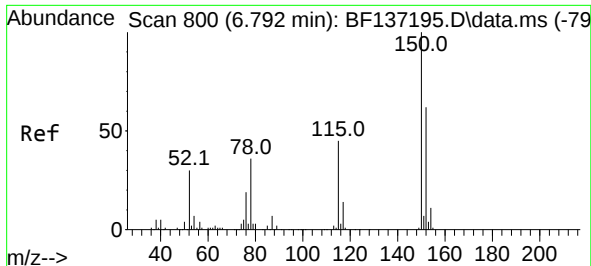
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 09 01:38:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

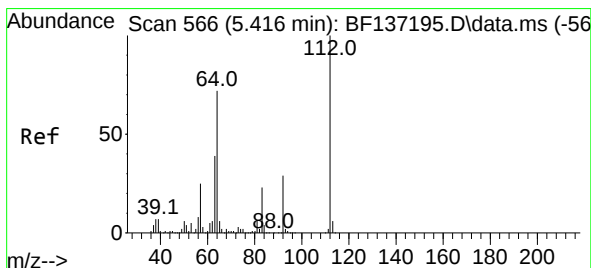
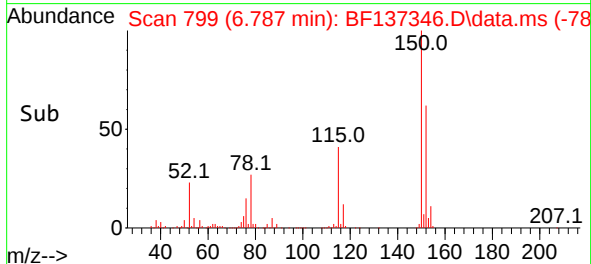
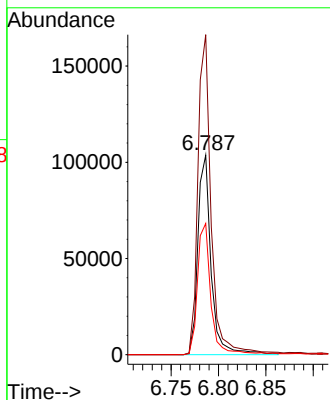
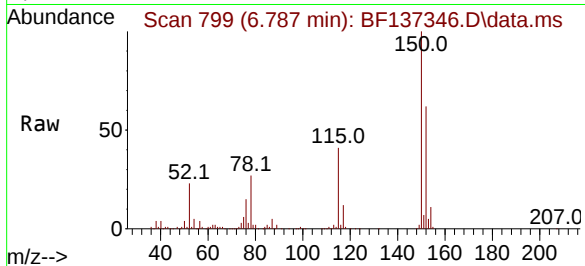




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

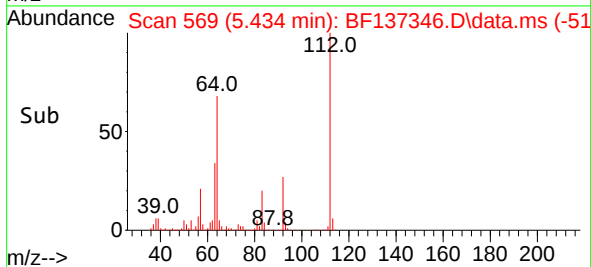
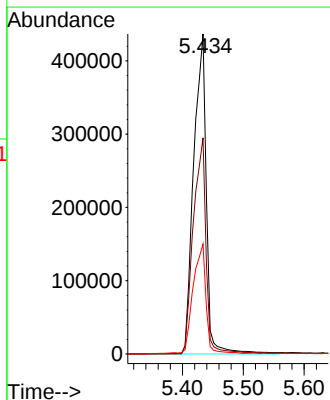
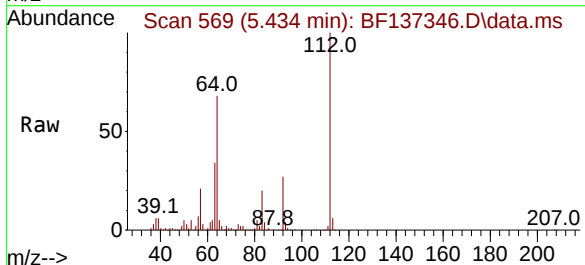
Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

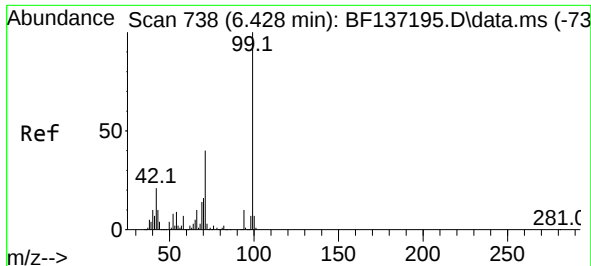
Tgt Ion:152 Resp: 101768
Ion Ratio Lower Upper
152 100
150 160.4 129.8 194.8
115 65.8 58.5 87.7



#5
2-Fluorophenol
Concen: 102.488 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

Tgt Ion:112 Resp: 632090
Ion Ratio Lower Upper
112 100
64 67.6 57.8 86.6
63 34.4 31.4 47.0

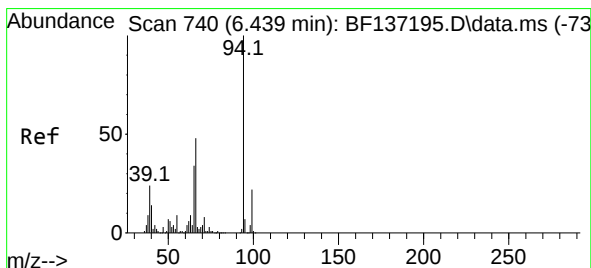
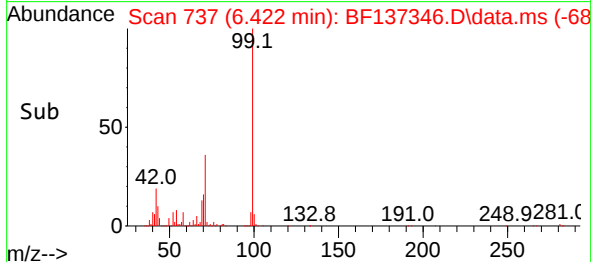
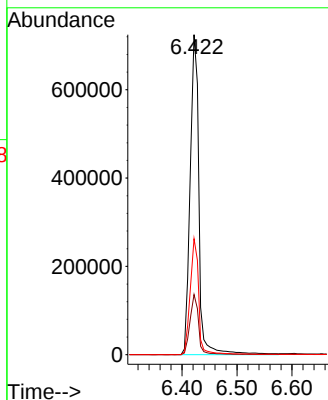
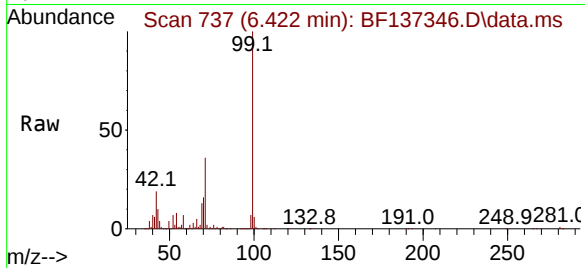




#7
Phenol-d6
Concen: 91.189 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

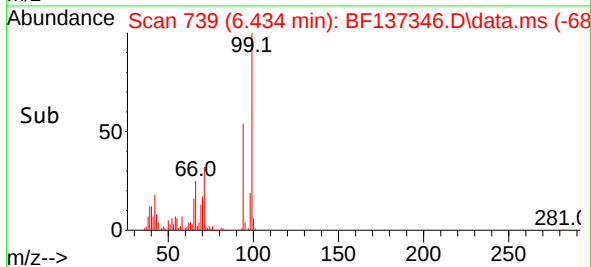
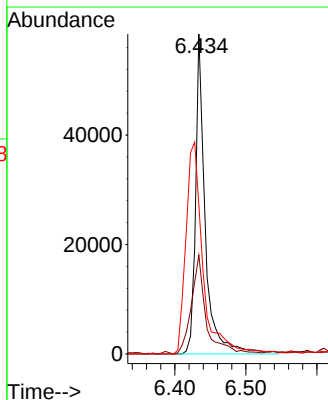
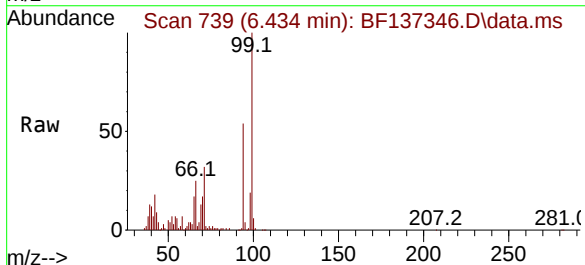
Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

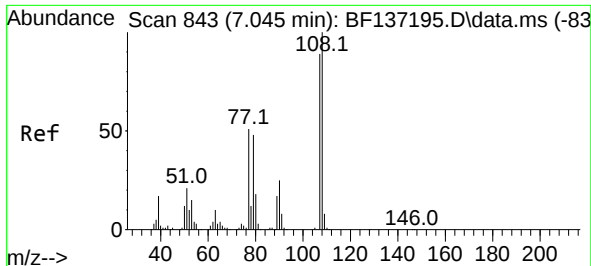
Tgt Ion: 99 Resp: 802603
Ion Ratio Lower Upper
99 100
42 18.8 16.4 24.6
71 36.3 32.4 48.6



#10
Phenol
Concen: 5.702 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.005 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

Tgt Ion: 94 Resp: 56024
Ion Ratio Lower Upper
94 100
65 30.9 13.7 53.7
66 46.6 27.8 67.8

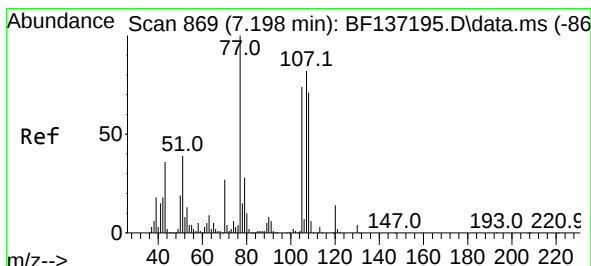
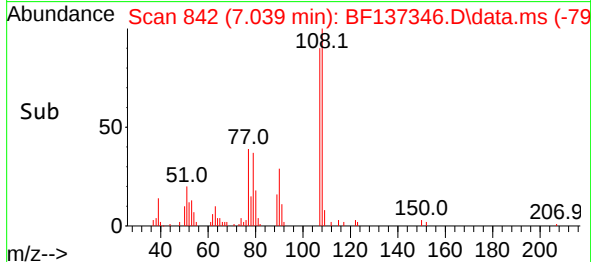
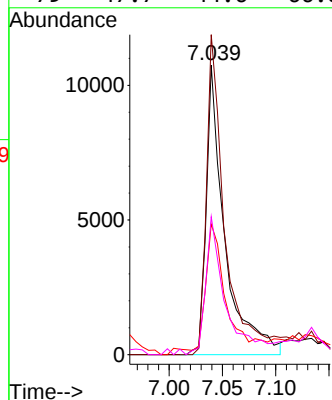
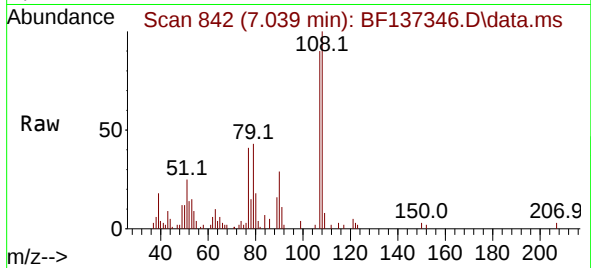




#17
2-Methylphenol
Concen: 2.267 ng
RT: 7.039 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

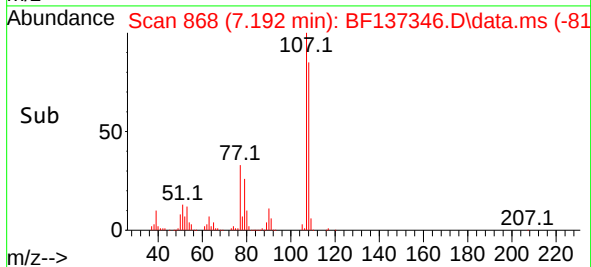
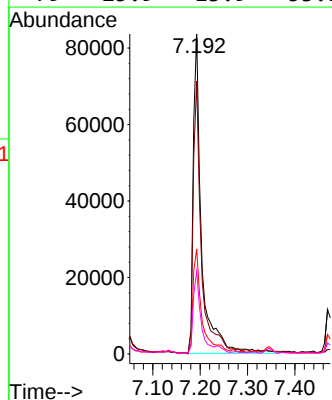
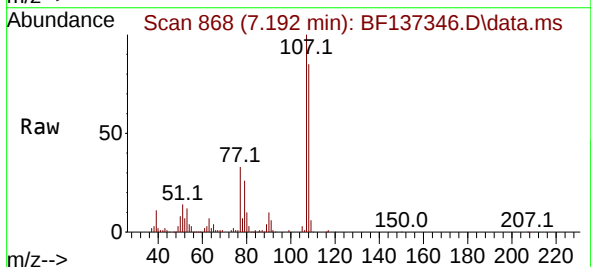
Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

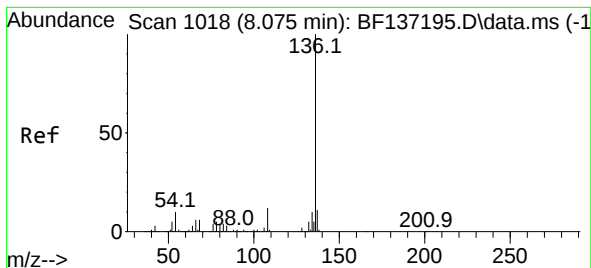
Tgt Ion:	107	Resp:	13062
Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.9	134.9
77	45.1	46.6	69.8#
79	47.7	44.6	66.8



#20
3+4-Methylphenols
Concen: 14.091 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

Tgt Ion:	107	Resp:	102765
Ion	Ratio	Lower	Upper
107	100		
108	85.3	66.3	106.3
77	32.8	101.4	141.4#
79	25.9	13.9	53.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.012 min

Lab File: BF137346.D

Acq: 08 Feb 2024 19:18

Instrument :

BNA_F

ClientSampleId :

B-5(10-12)

Tgt Ion:136 Resp: 387109

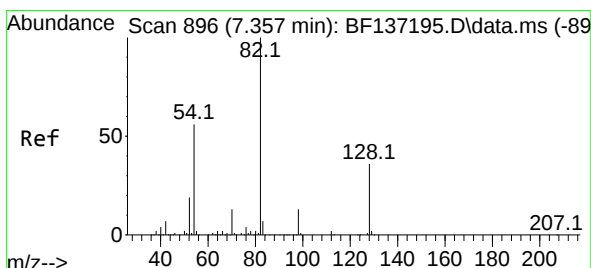
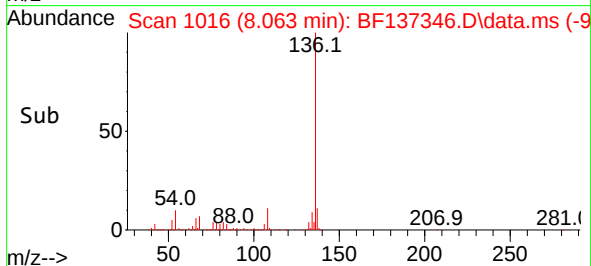
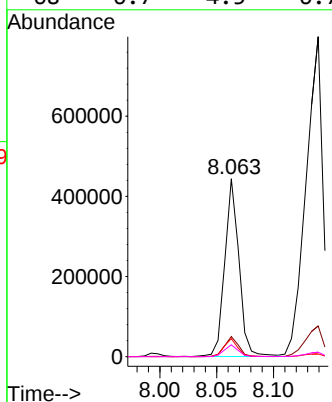
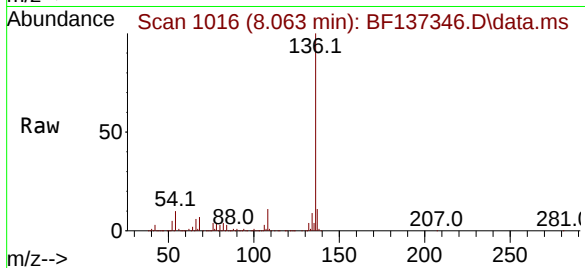
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.2 7.8 11.8

68 6.7 4.5 6.7



#23

Nitrobenzene-d5

Concen: 58.906 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF137346.D

Acq: 08 Feb 2024 19:18

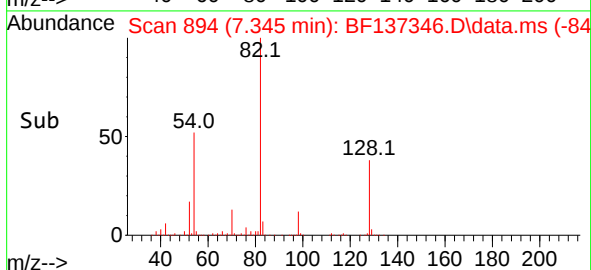
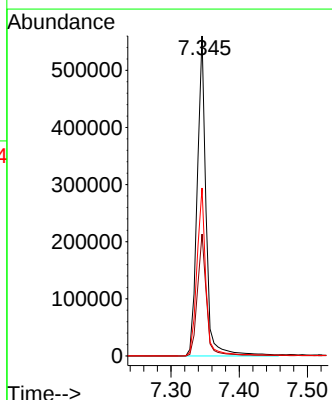
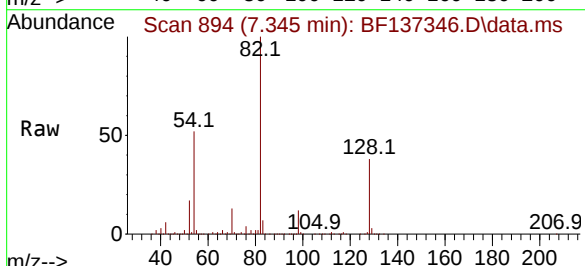
Tgt Ion: 82 Resp: 509322

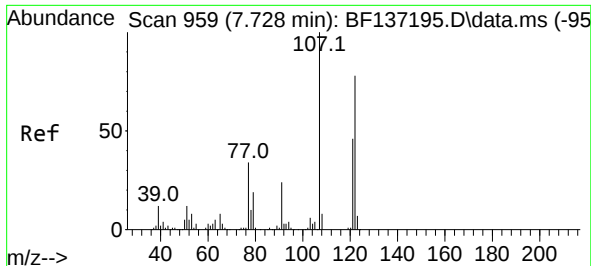
Ion Ratio Lower Upper

82 100

128 38.1 29.1 43.7

54 52.5 45.0 67.6

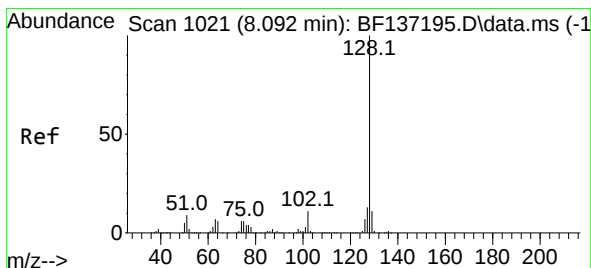
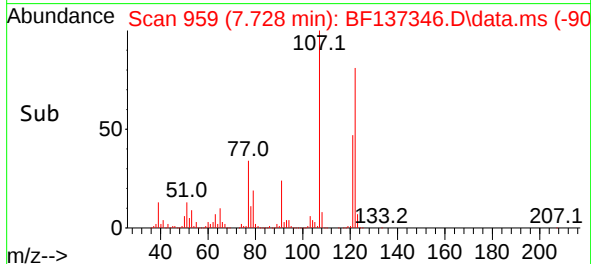
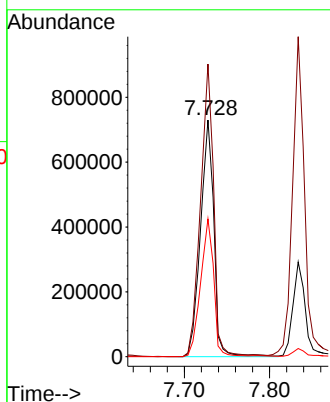
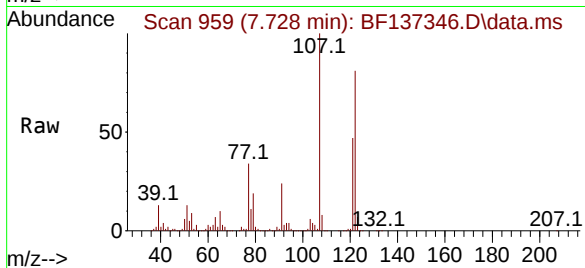




#27
2,4-Dimethylphenol
Concen: 173.882 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

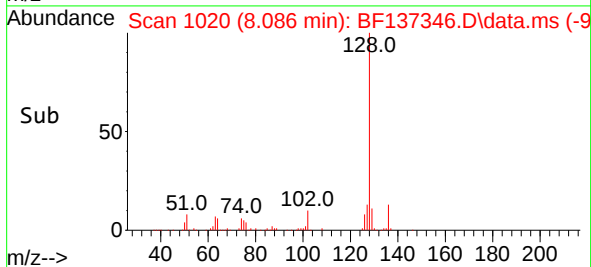
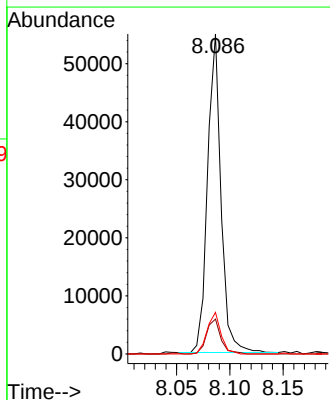
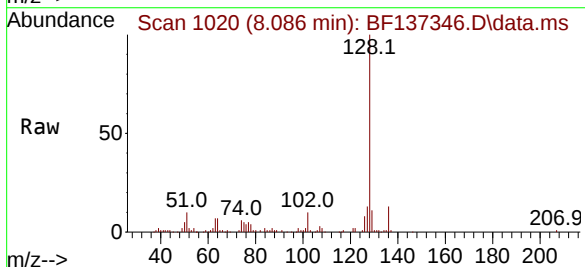
Instrument :
BNA_F
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B-5(10-12)

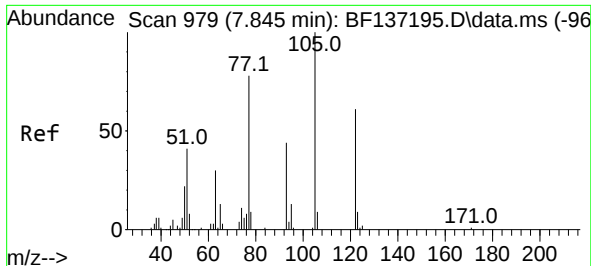
Tgt Ion:122 Resp: 793185
Ion Ratio Lower Upper
122 100
107 123.7 101.8 152.6
121 58.2 46.6 69.8



#31
Naphthalene
Concen: 2.301 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

Tgt Ion:128 Resp: 48161
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.0 10.5 15.7

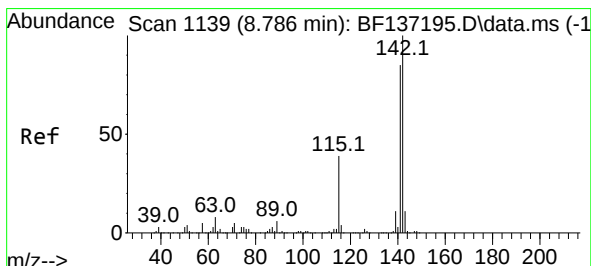
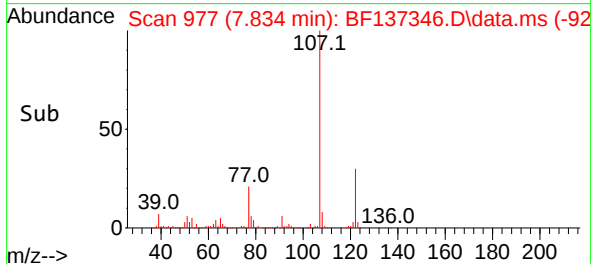
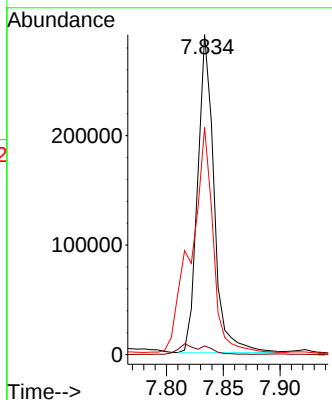
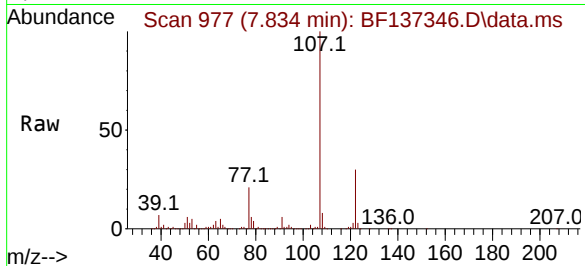




#32
Benzoic acid
Concen: 82.143 ng
RT: 7.834 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

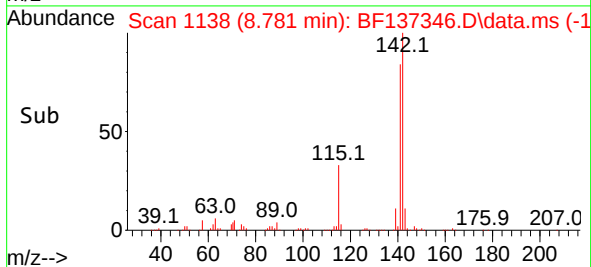
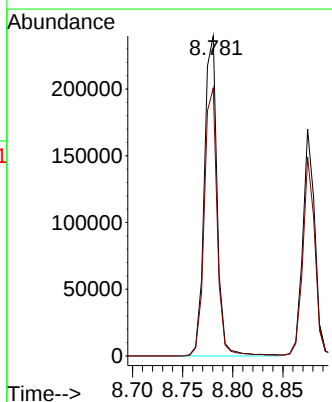
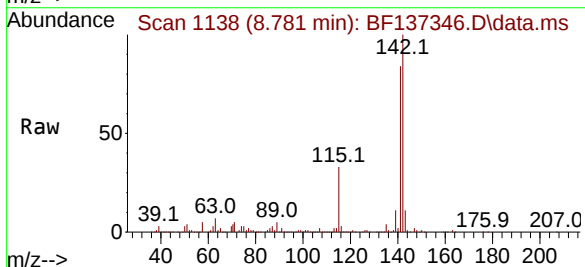
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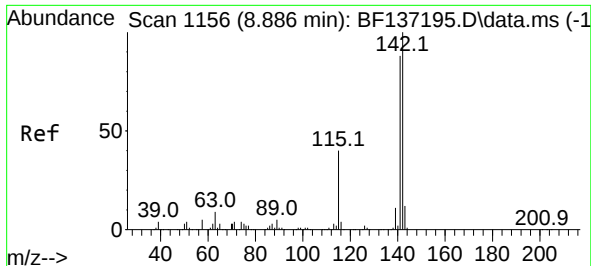
Tgt Ion:122 Resp: 293144
Ion Ratio Lower Upper
122 100
105 2.8 122.5 162.5#
77 71.0 96.4 136.4#



#37
2-Methylnaphthalene
Concen: 15.285 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

Tgt Ion:142 Resp: 214457
Ion Ratio Lower Upper
142 100
141 83.7 67.8 101.8

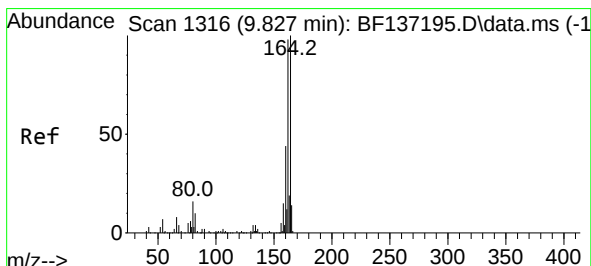
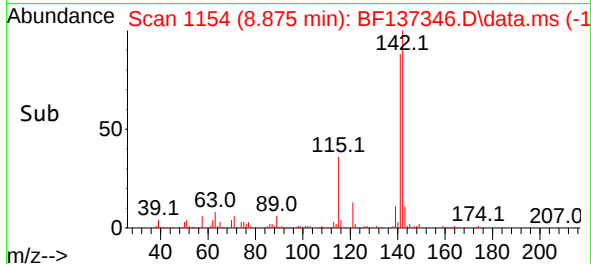
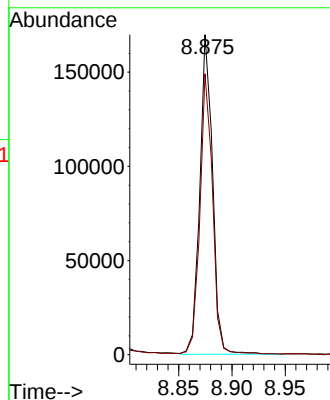
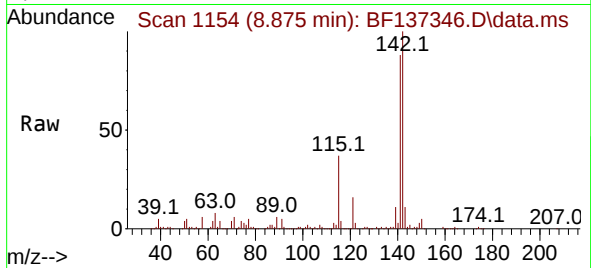




#38
1-Methylnaphthalene
Concen: 10.897 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

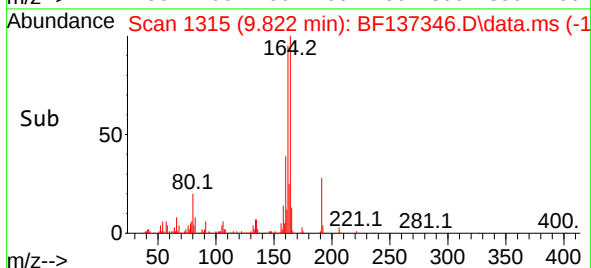
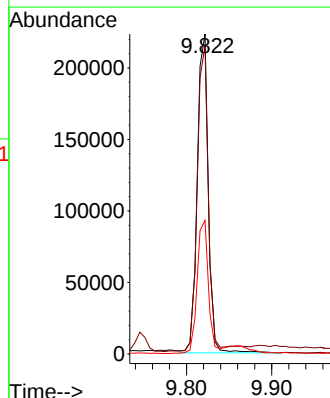
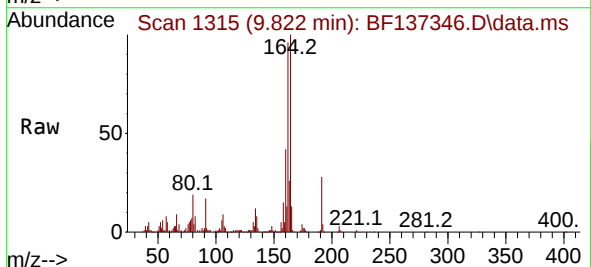
Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

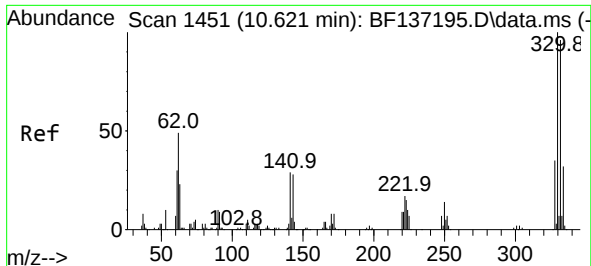
Tgt Ion:142 Resp: 142006
Ion Ratio Lower Upper
142 100
141 87.8 70.6 105.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

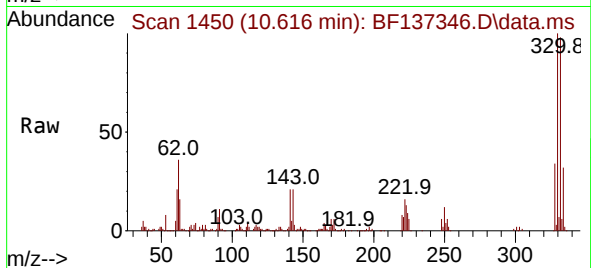
Tgt Ion:164 Resp: 201738
Ion Ratio Lower Upper
164 100
162 96.3 78.3 117.5
160 41.7 35.4 53.2



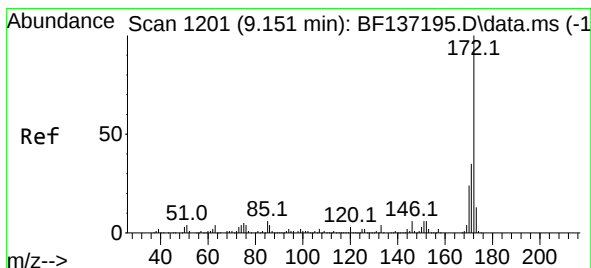
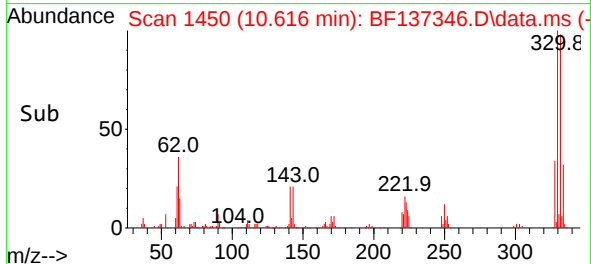
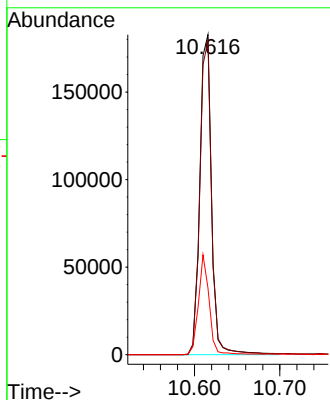


#42
2,4,6-Tribromophenol
Concen: 76.843 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

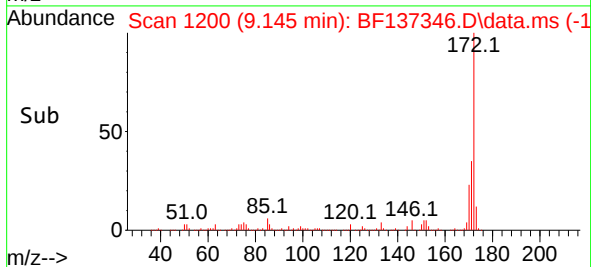
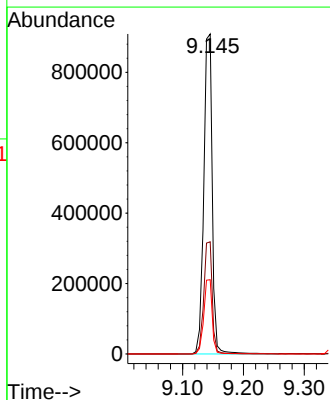
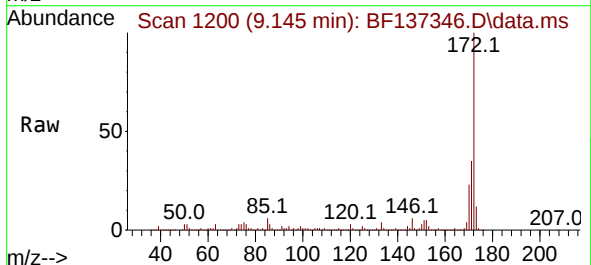


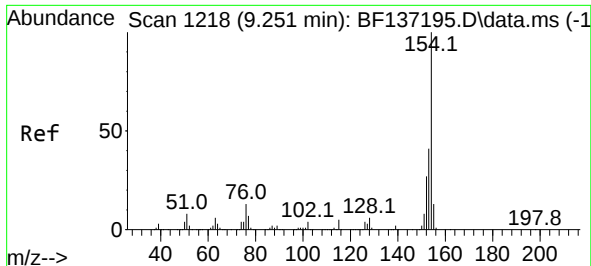
Tgt Ion:330 Resp: 175075
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 28.8 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 59.938 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

Tgt Ion:172 Resp: 879613
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.2 19.1 28.7

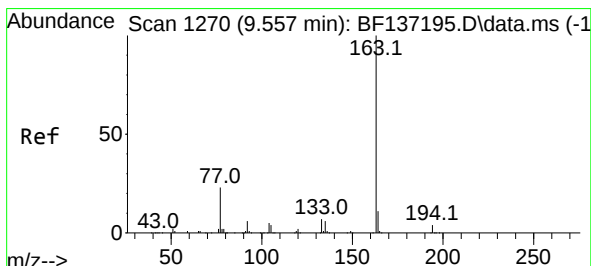
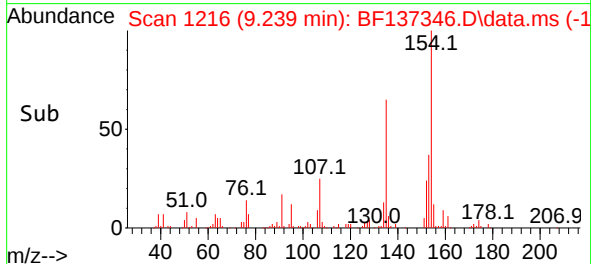
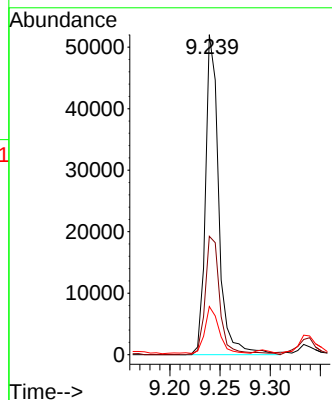
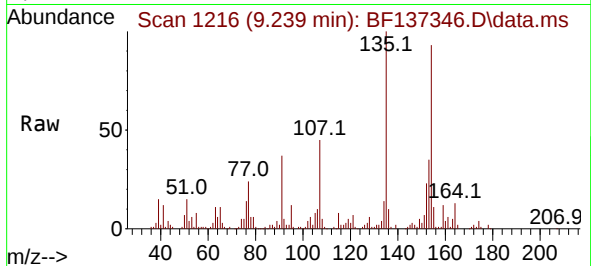




#46
1,1'-Biphenyl
Concen: 3.009 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

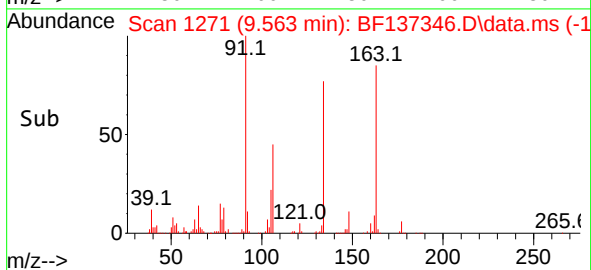
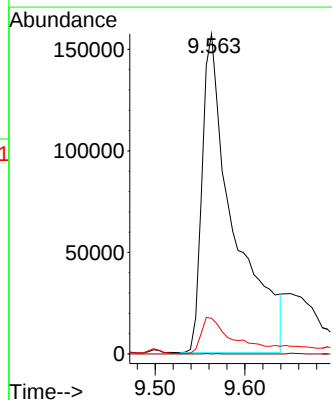
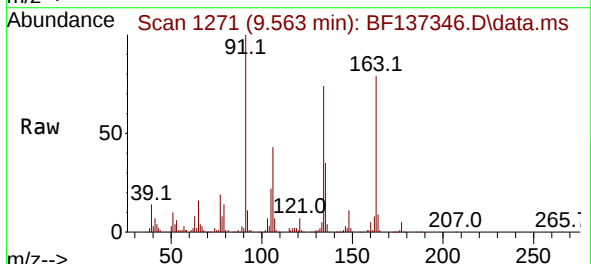
Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

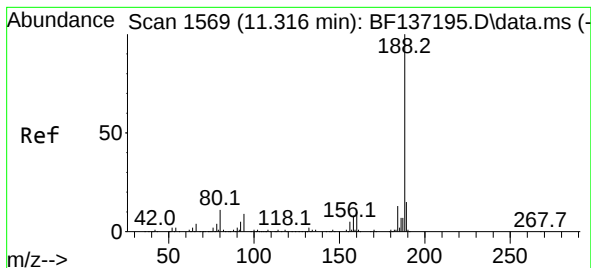
Tgt Ion:154 Resp: 48292
Ion Ratio Lower Upper
154 100
153 37.0 21.2 61.2
76 15.1 0.0 33.0



#50
Dimethylphthalate
Concen: 27.992 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF137346.D
Acq: 08 Feb 2024 19:18

Tgt Ion:163 Resp: 381493
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 11.2 8.6 13.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137346.D

Acq: 08 Feb 2024 19:18

Instrument :

BNA_F

ClientSampleId :

B-5(10-12)

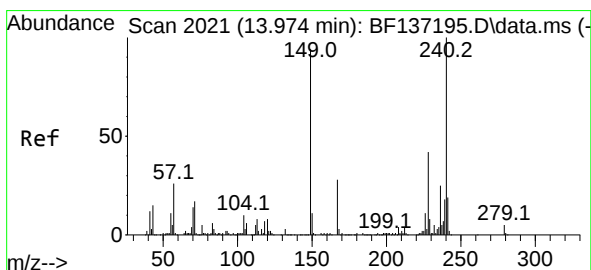
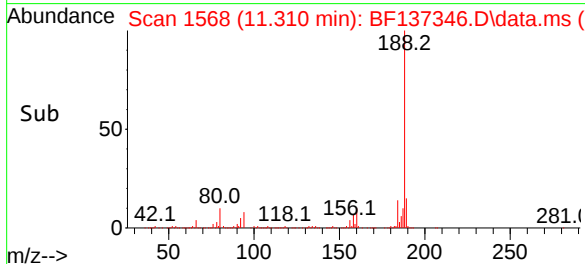
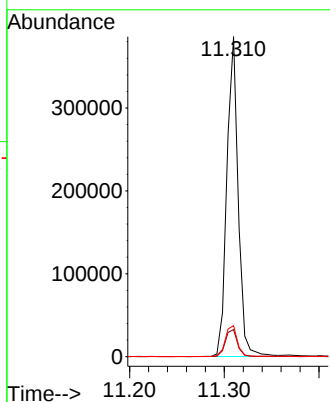
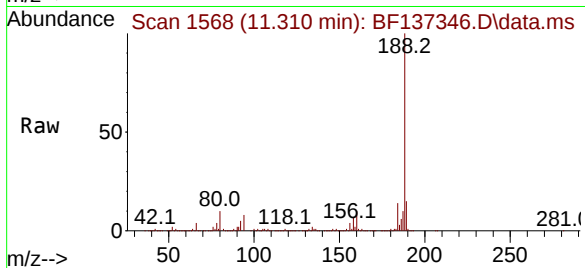
Tgt Ion:188 Resp: 322331

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

80 9.7 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137346.D

Acq: 08 Feb 2024 19:18

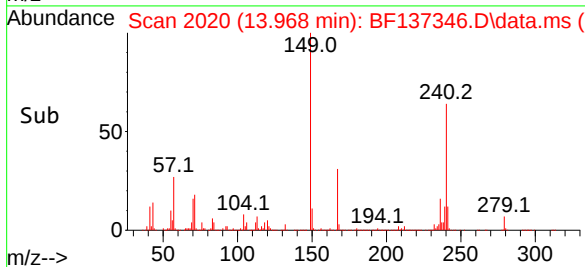
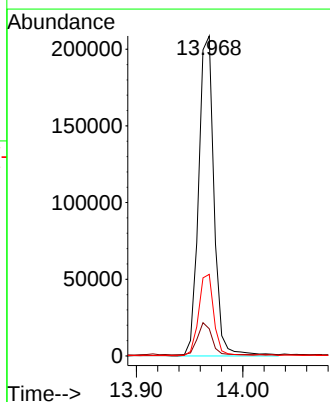
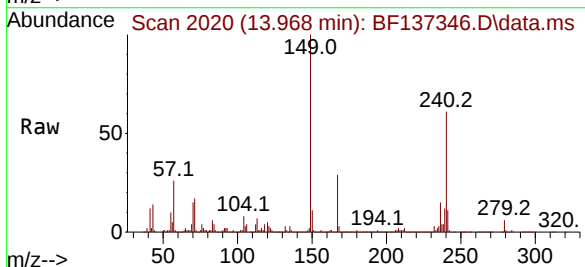
Tgt Ion:240 Resp: 210961

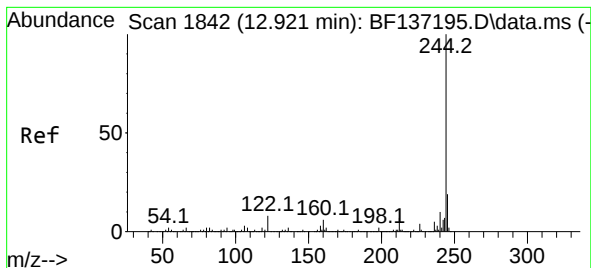
Ion Ratio Lower Upper

240 100

120 8.5 6.3 9.5

236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 48.897 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF137346.D

Acq: 08 Feb 2024 19:18

Instrument :

BNA_F

ClientSampleId :

B-5(10-12)

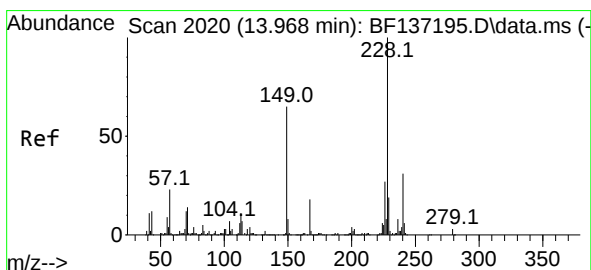
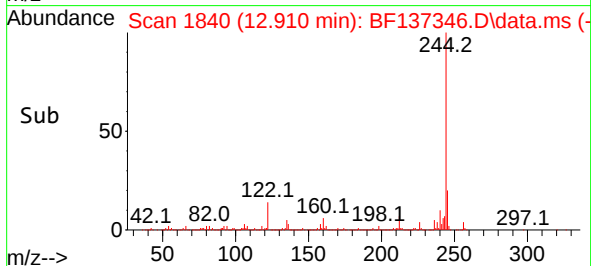
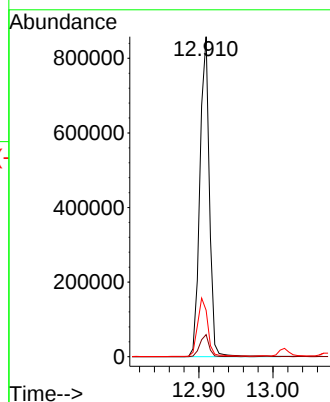
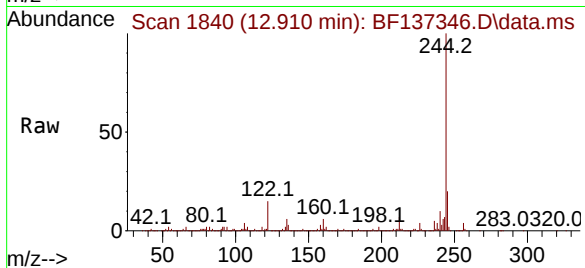
Tgt Ion:244 Resp: 758799

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 14.5 6.2 9.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.333 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF137346.D

Acq: 08 Feb 2024 19:18

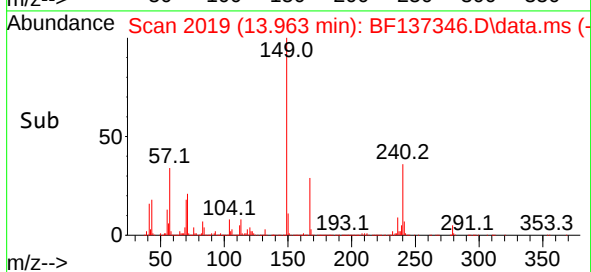
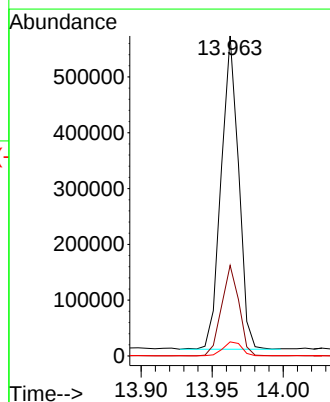
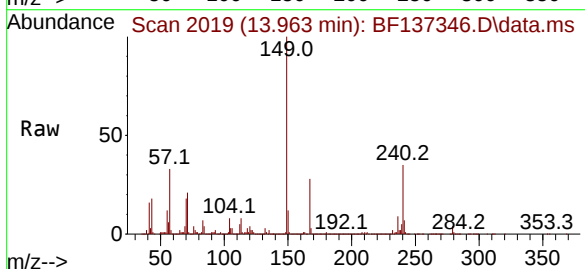
Tgt Ion:149 Resp: 478668

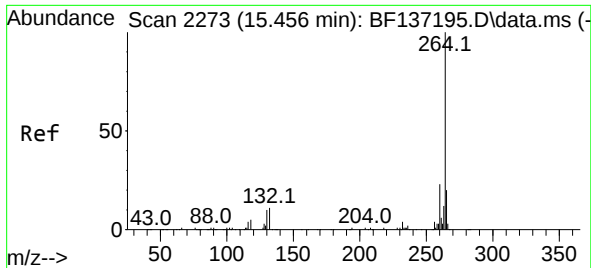
Ion Ratio Lower Upper

149 100

167 28.3 21.7 32.5

279 4.4 3.4 5.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137346.D
 Acq: 08 Feb 2024 19:18

Instrument :
 BNA_F
 ClientSampleId :
 B-5(10-12)

Tgt Ion:264 Resp: 285581
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.4
 265 21.7 16.2 24.2

