

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128915.D
 Acq On : 21 Jun 2022 23:51
 Operator : CG\JU
 Sample : N3420-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMC-CON-0620

Quant Time: Jun 22 01:57:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

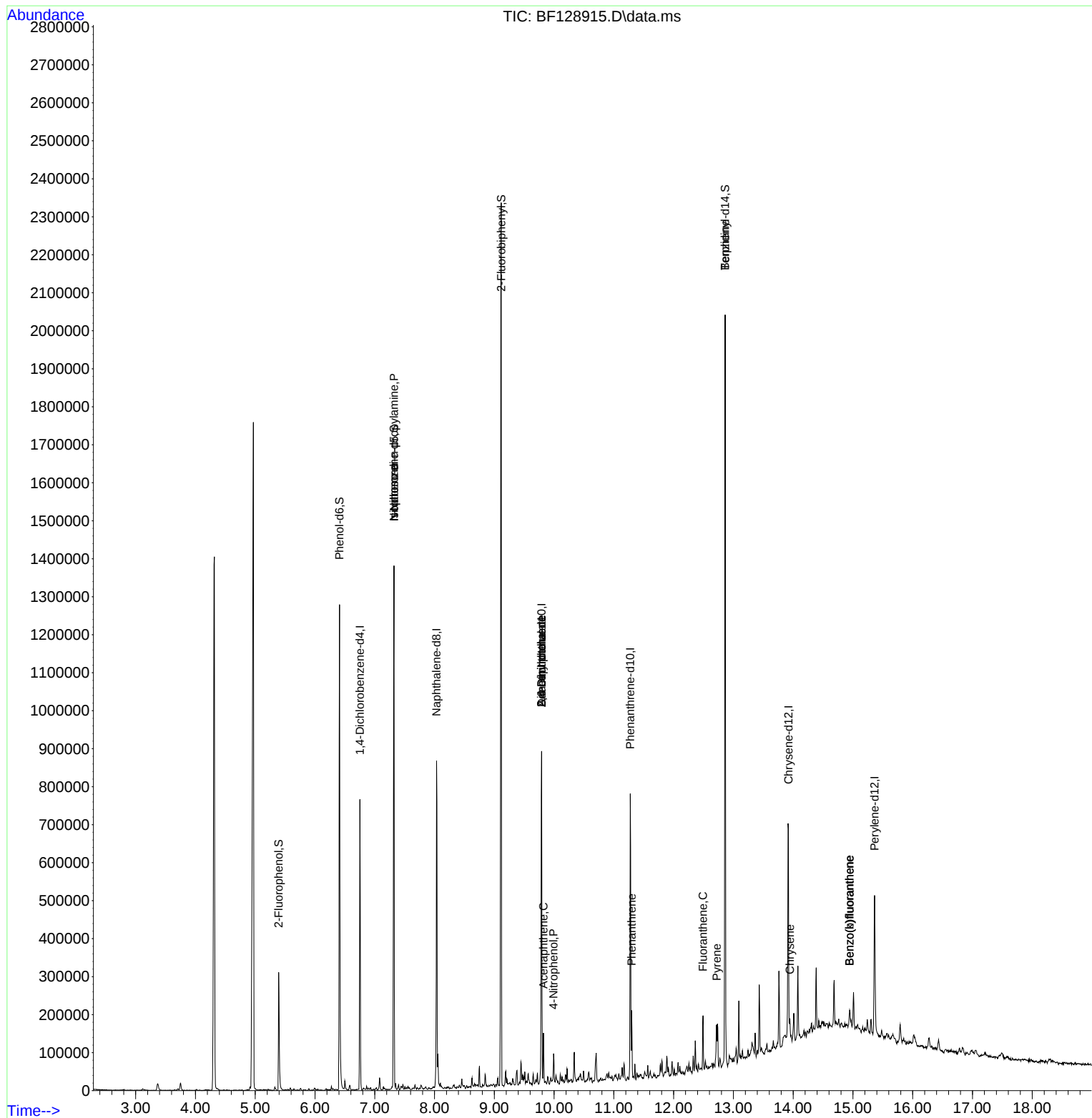
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	95918	20.00	ng	0.00
21) Naphthalene-d8	8.034	136	343755	20.00	ng	0.00
39) Acenaphthene-d10	9.792	164	171327	20.00	ng	0.00
64) Phenanthrene-d10	11.275	188	258779	20.00	ng	0.00
76) Chrysene-d12	13.921	240	205866	20.00	ng	# 0.00
86) Perylene-d12	15.362	264	148880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	77512	12.87	ng	0.00
7) Phenol-d6	6.410	99	363681	49.48	ng	0.00
23) Nitrobenzene-d5	7.322	82	384880	52.13	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	997	0.49	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	706717	57.78	ng	0.00
79) Terphenyl-d14	12.863	244	614907	51.90	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	56110	12.28	ng	# 76
25) Isophorone	7.322	82	383914	34.24	ng	# 65
50) Dimethylphthalate	9.792	163	32374	2.76	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	22499	9.72	ng	# 26
52) Acenaphthene	9.822	154	21626	2.21	ng	97
56) 4-Nitrophenol	9.992	139	9214	5.06	ng	# 13
57) 2,4-Dinitrotoluene	9.792	165	22499	7.28	ng	# 22
71) Phenanthrene	11.298	178	57709	4.45	ng	99
75) Fluoranthene	12.492	202	51827	3.82	ng	96
77) Benzidine	12.863	184	9473	2.31	ng	# 85
78) Pyrene	12.721	202	46111	3.01	ng	97
83) Chrysene	13.945	228	25032	2.05	ng	# 95
88) Benzo(b)fluoranthene	14.945	252	29119	3.06	ng	# 92
89) Benzo(k)fluoranthene	14.945	252	29119	3.25	ng	# 92

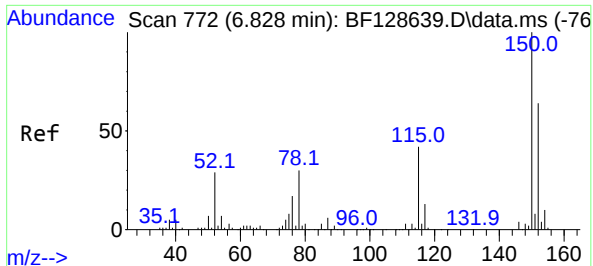
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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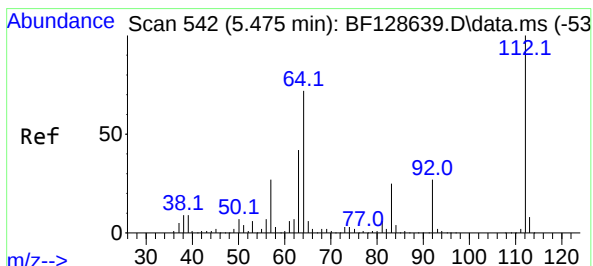
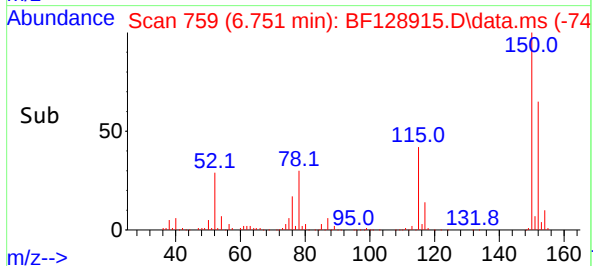
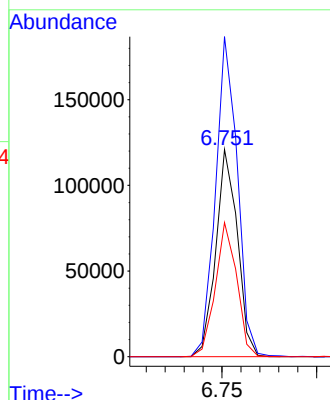
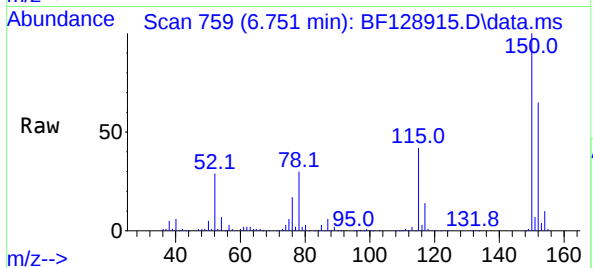




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

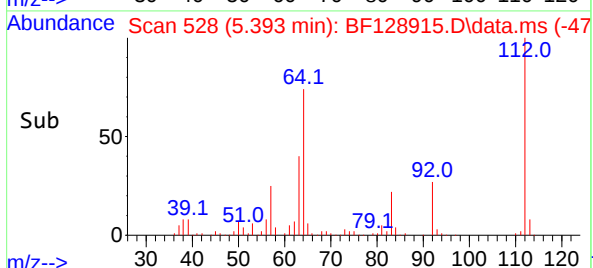
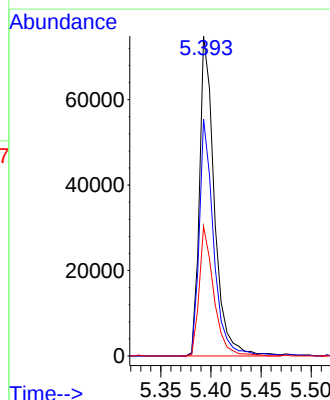
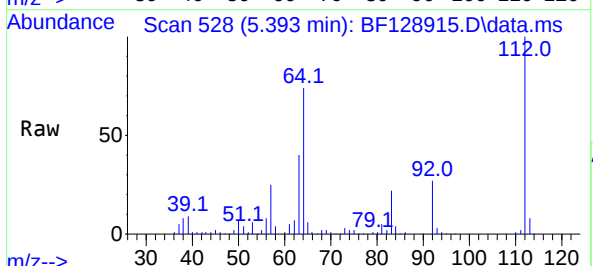
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620

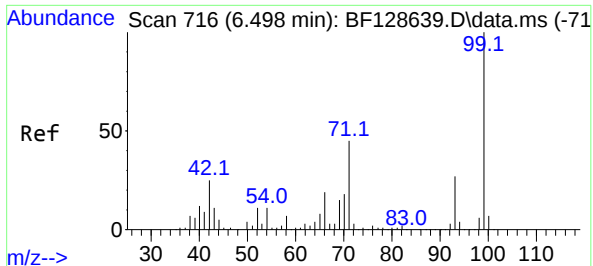
Tgt Ion:152 Resp: 95918
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 64.7 49.9 74.9



#5
2-Fluorophenol
Concen: 12.87 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion:112 Resp: 77512
Ion Ratio Lower Upper
112 100
64 74.1 53.3 79.9
63 40.5 28.0 42.0

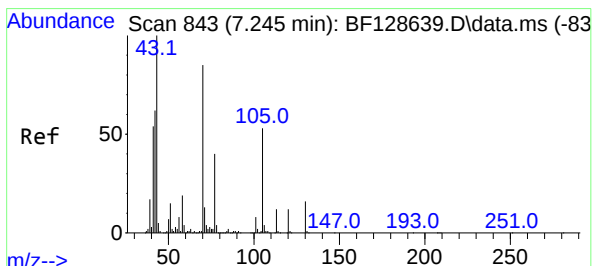
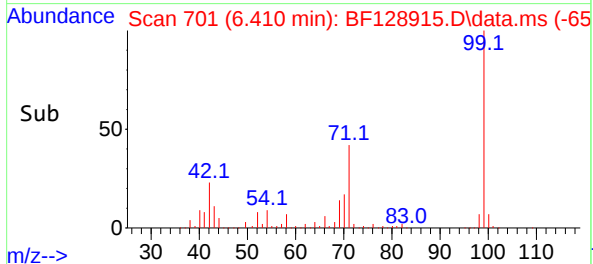
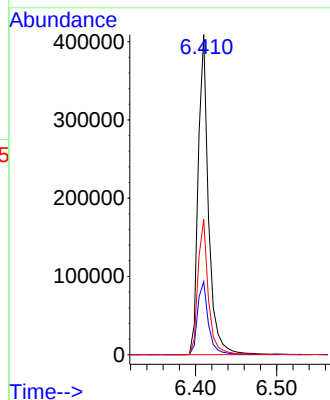
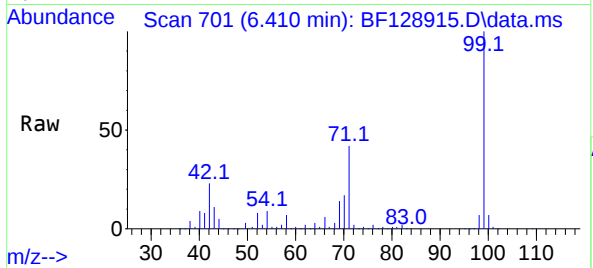




#7
Phenol-d6
Concen: 49.48 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

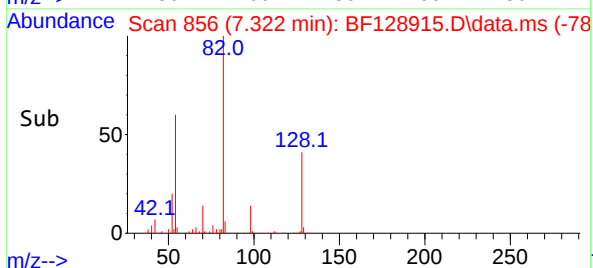
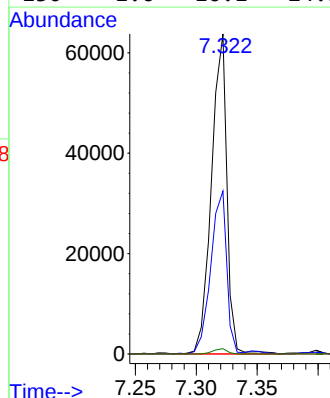
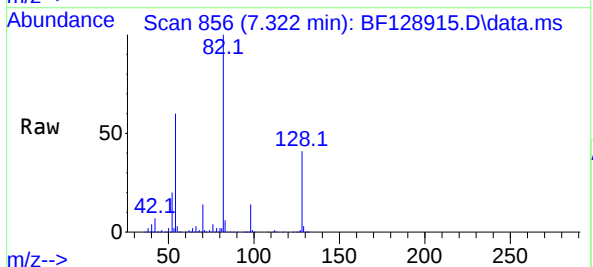
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620

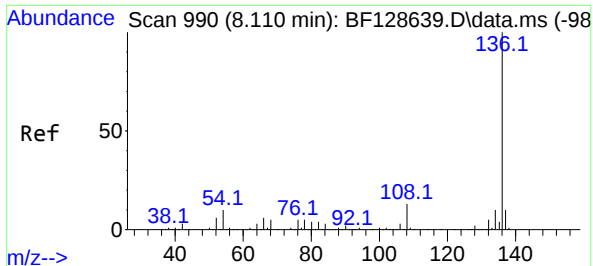
Tgt Ion: 99 Resp: 363681
Ion Ratio Lower Upper
99 100
42 22.8 17.3 25.9
71 42.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.28 ng
RT: 7.322 min Scan# 856
Delta R.T. 0.141 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion: 70 Resp: 56110
Ion Ratio Lower Upper
70 100
42 50.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#



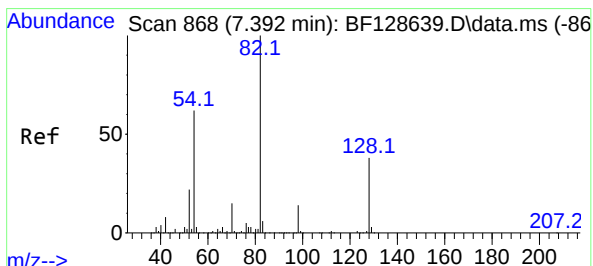
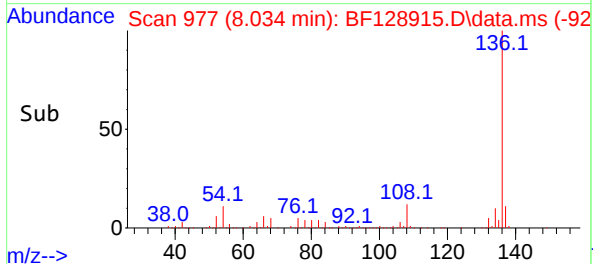
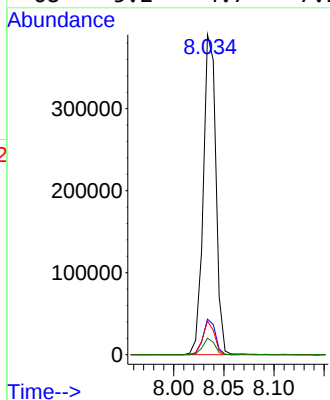
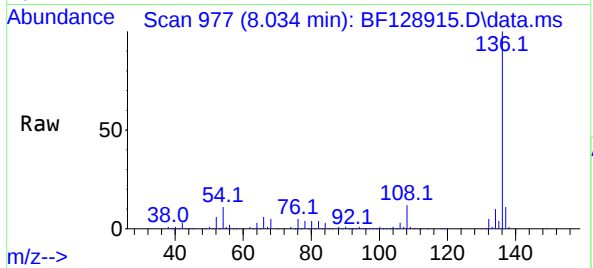


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.034 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620

Tgt Ion:136 Resp: 343755

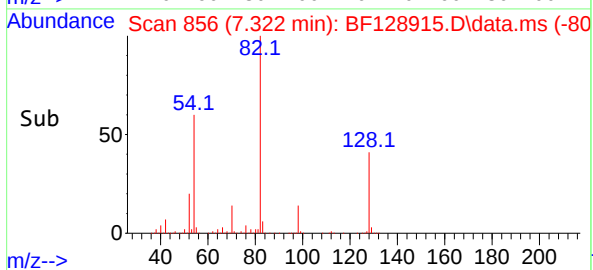
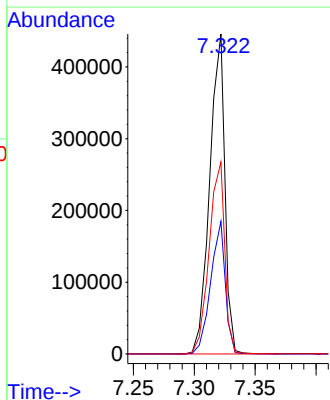
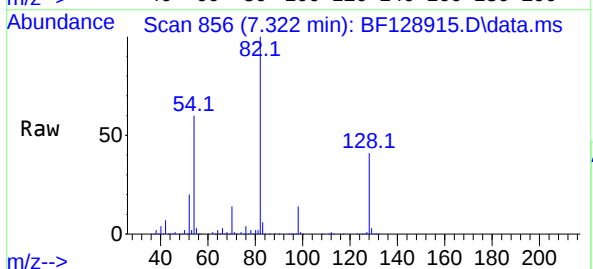
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.5	7.5	11.3
68	5.2	4.7	7.1

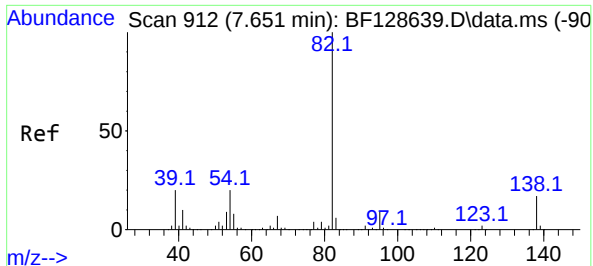


#23
Nitrobenzene-d5
Concen: 52.13 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion: 82 Resp: 384880

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.0	51.0
54	60.0	46.9	70.3

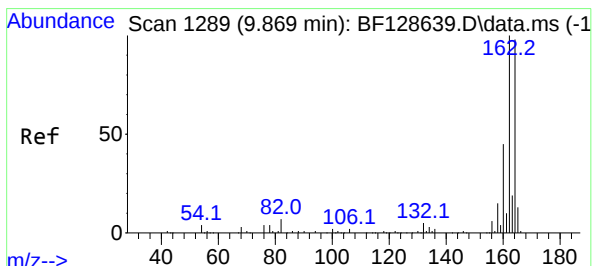
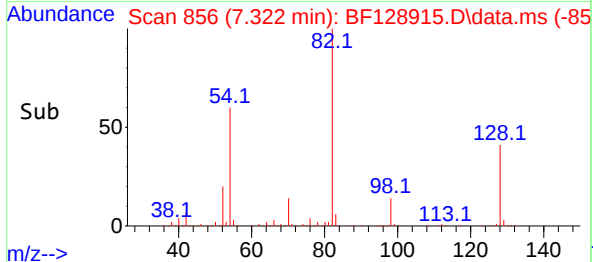
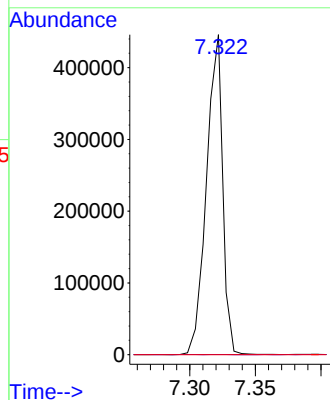
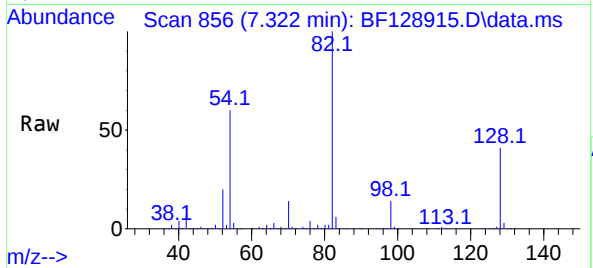




#25
Isophorone
Concen: 34.24 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

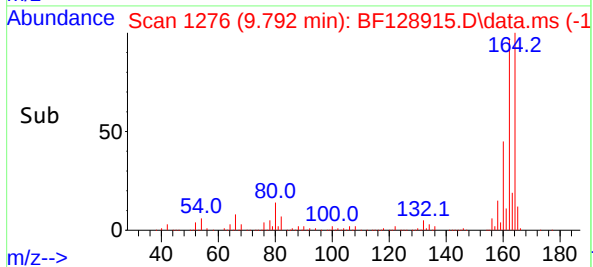
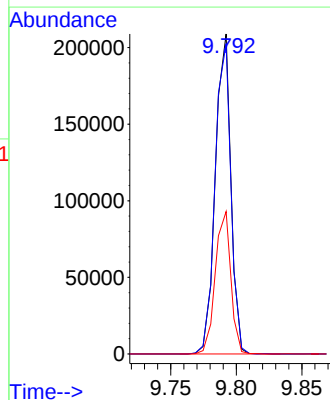
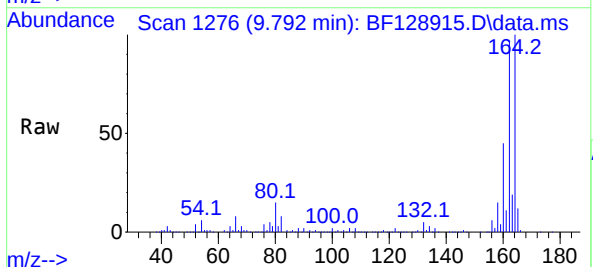
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620

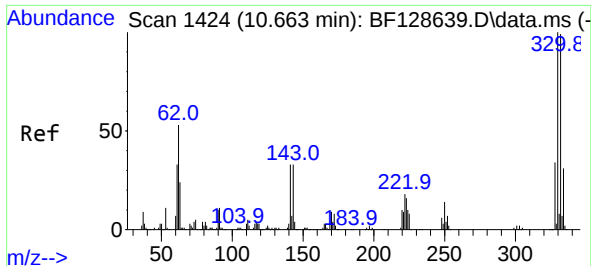
Tgt Ion: 82 Resp: 383914
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion:164 Resp: 171327
Ion Ratio Lower Upper
164 100
162 97.0 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 0.49 ng

RT: 10.586 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF128915.D

Acq: 21 Jun 2022 23:51

Instrument :

BNA_F

ClientSampleId :

MMC-CON-0620

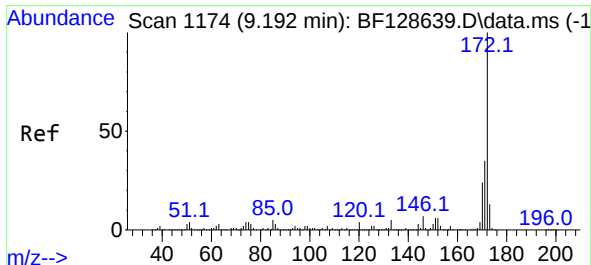
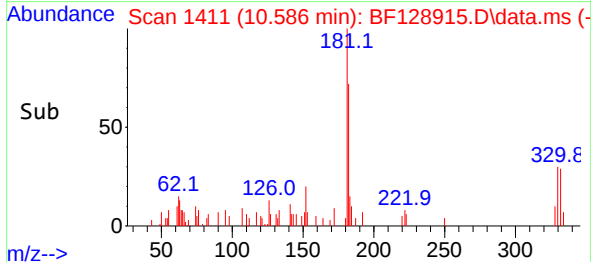
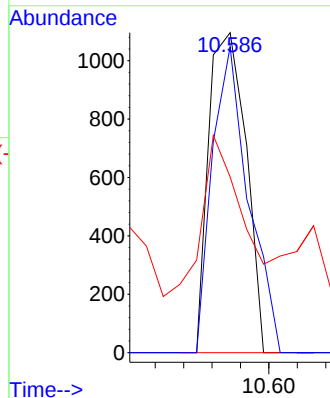
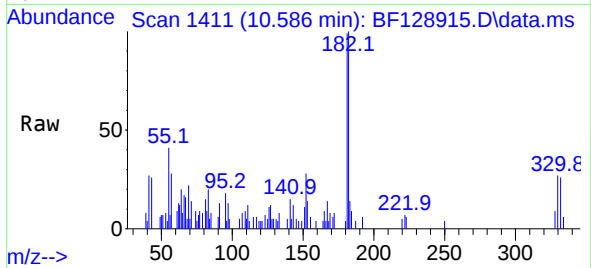
Tgt Ion:330 Resp: 997

Ion Ratio Lower Upper

330 100

332 93.0 76.8 115.2

141 52.1 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 57.78 ng

RT: 9.116 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF128915.D

Acq: 21 Jun 2022 23:51

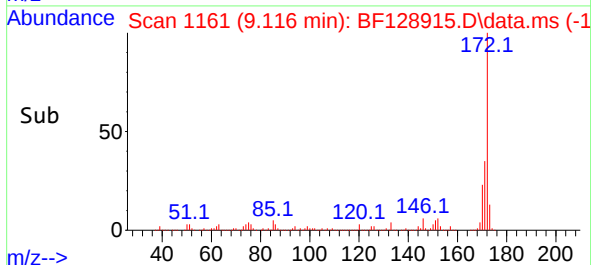
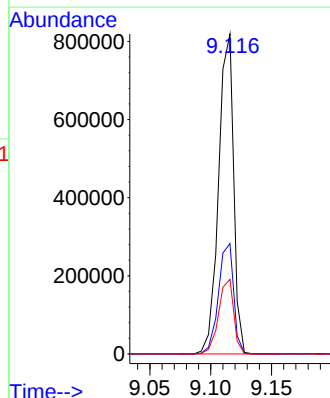
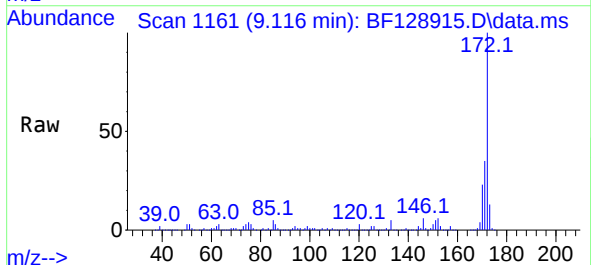
Tgt Ion:172 Resp: 706717

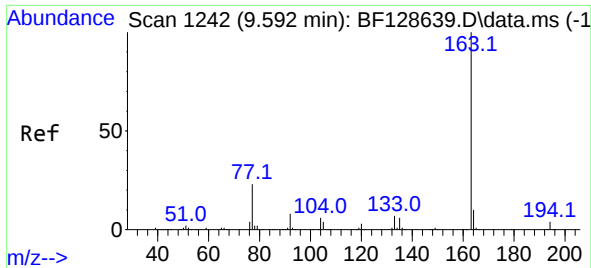
Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 23.3 19.8 29.8

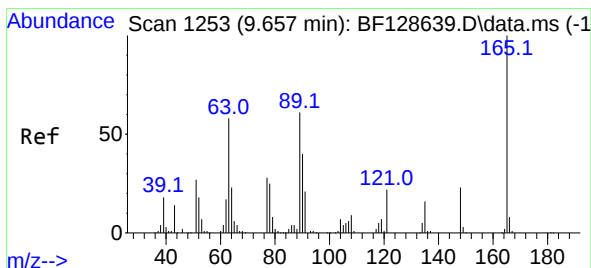
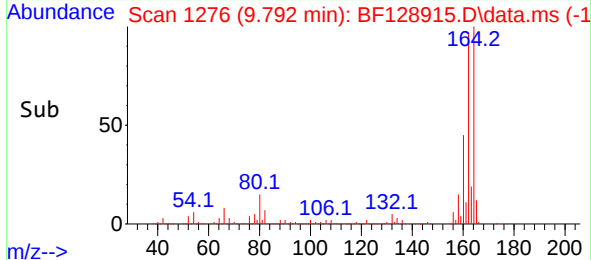
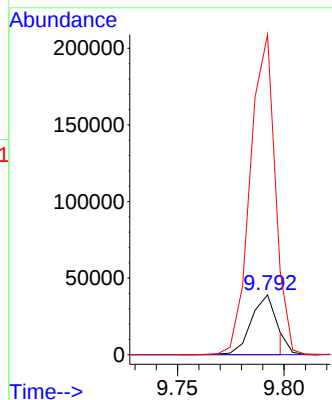
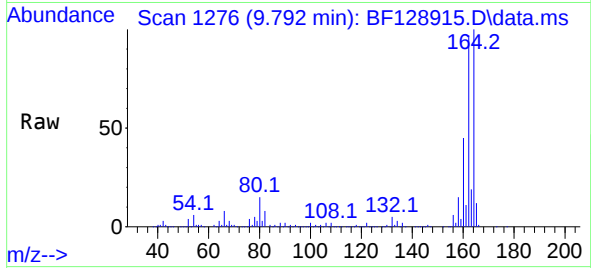




#50
Dimethylphthalate
Concen: 2.76 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.271 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

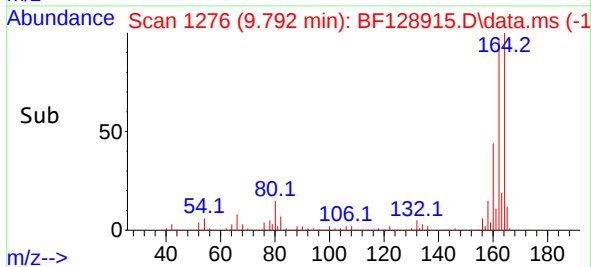
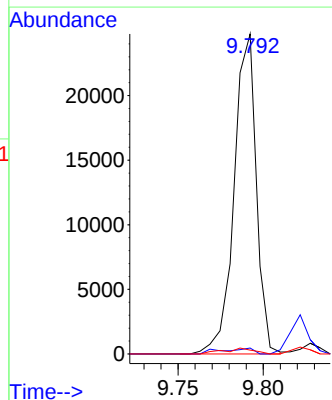
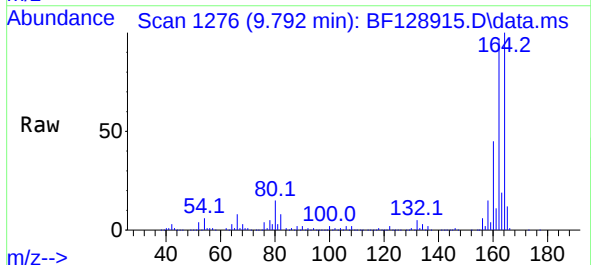
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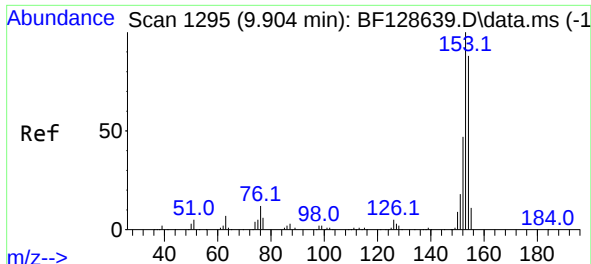
Tgt Ion:163 Resp: 32374
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 534.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.72 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.206 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion:165 Resp: 22499
Ion Ratio Lower Upper
165 100
63 1.9 44.9 67.3#
89 1.2 43.6 65.4#

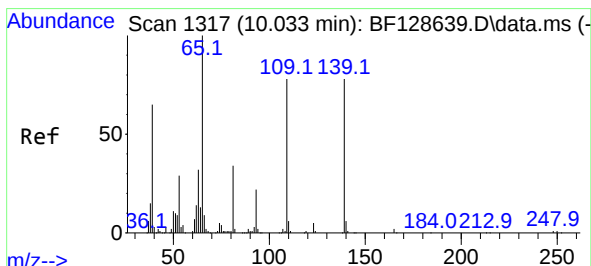
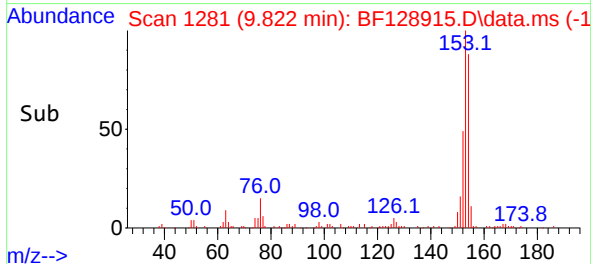
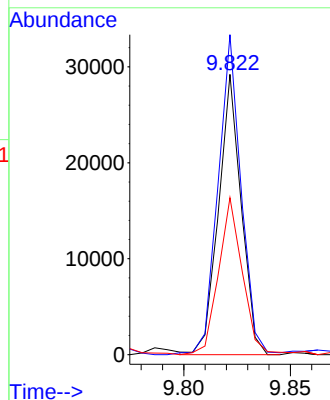
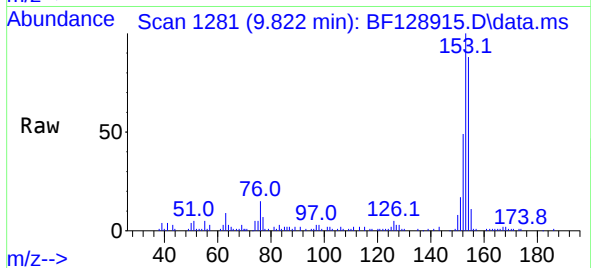




#52
Acenaphthene
Concen: 2.21 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

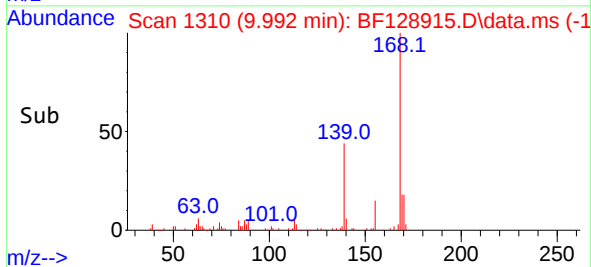
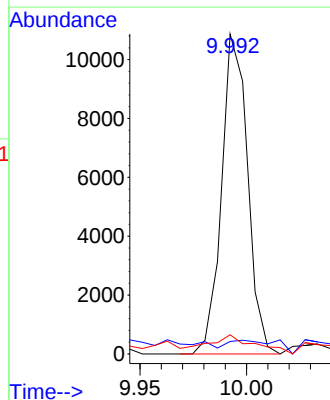
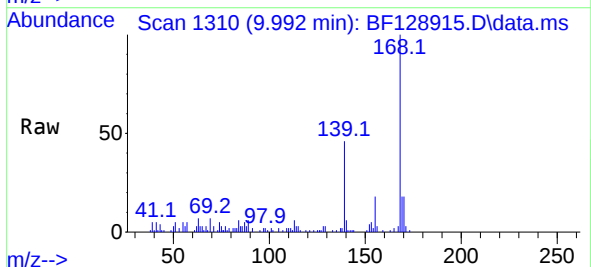
Instrument :
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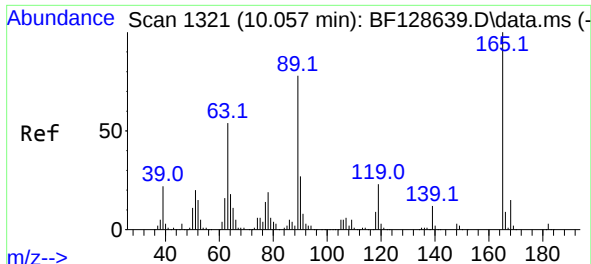
Tgt Ion:154 Resp: 21626
Ion Ratio Lower Upper
154 100
153 114.2 89.6 134.4
152 56.0 42.4 63.6



#56
4-Nitrophenol
Concen: 5.06 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.041 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion:139 Resp: 9214
Ion Ratio Lower Upper
139 100
109 3.9 50.7 90.7#
65 6.0 74.5 114.5#

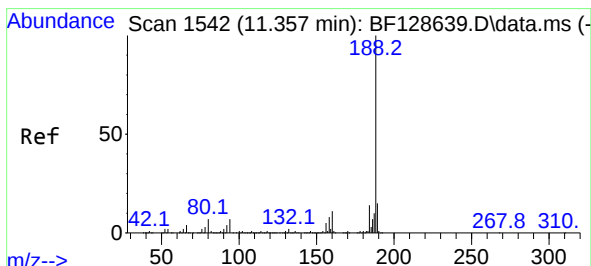
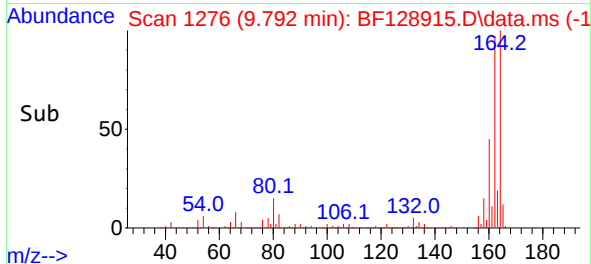
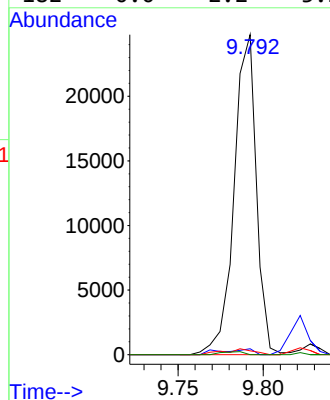
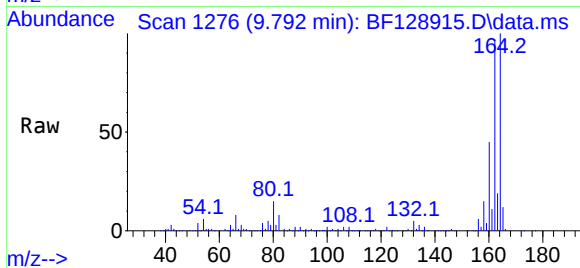




#57
2,4-Dinitrotoluene
Concen: 7.28 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

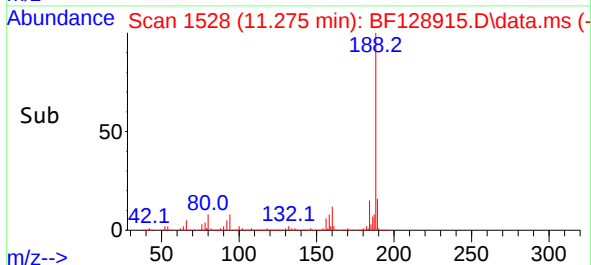
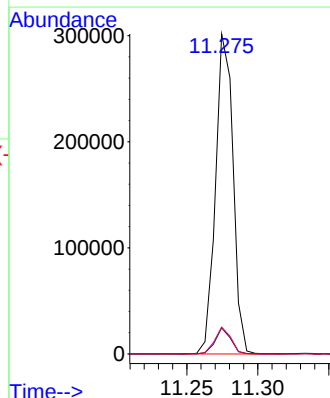
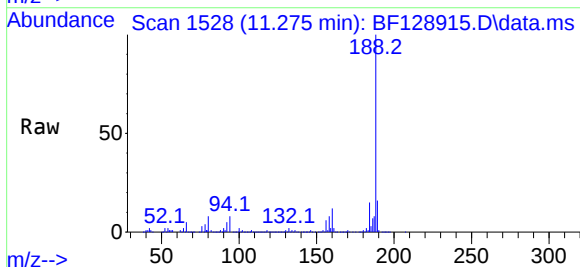
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620

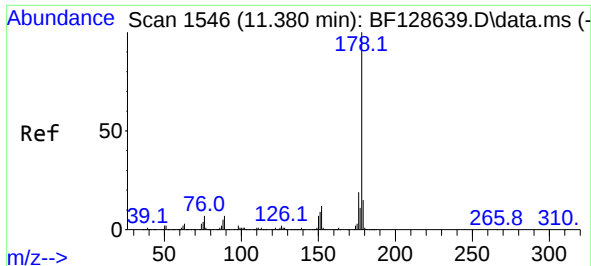
Tgt Ion:165	Resp:	22499
Ion Ratio	Lower	Upper
165	100	
63	1.9	39.8 59.6#
89	1.2	60.2 90.2#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.275 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion:188	Resp:	258779
Ion Ratio	Lower	Upper
188	100	
94	8.1	7.0 10.6
80	8.4	7.6 11.4

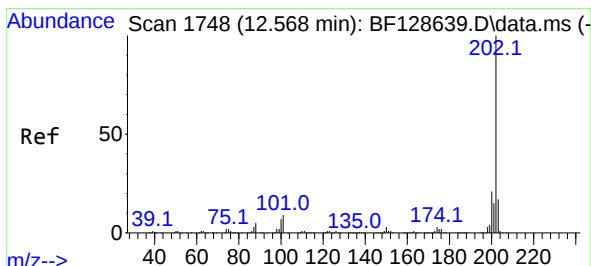
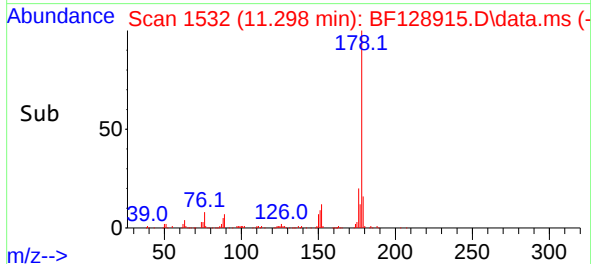
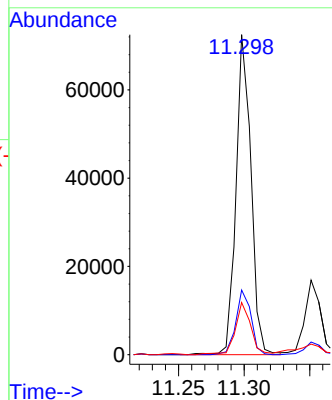
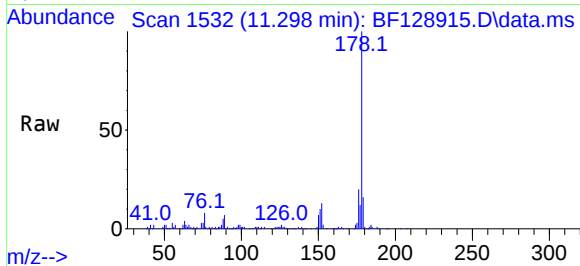




#71
Phenanthrene
Concen: 4.45 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

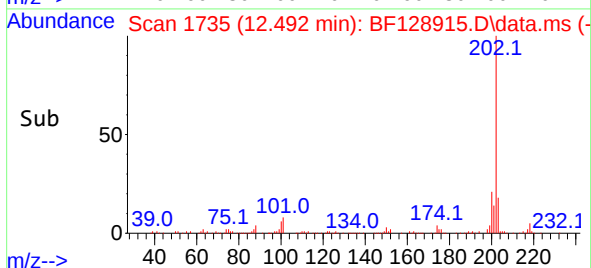
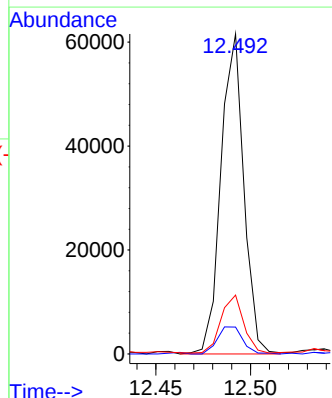
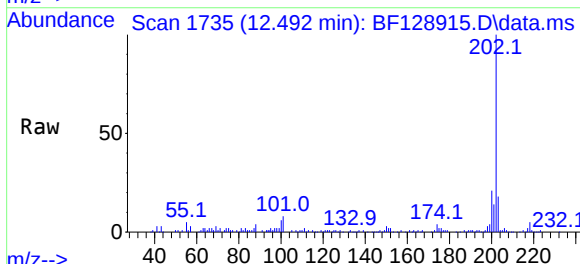
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620

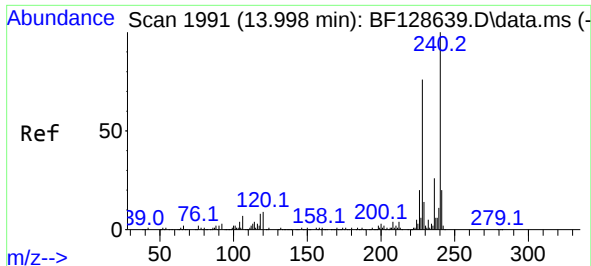
Tgt Ion:178 Resp: 57709
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.3 12.6 19.0



#75
Fluoranthene
Concen: 3.82 ng
RT: 12.492 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion:202 Resp: 51827
Ion Ratio Lower Upper
202 100
101 8.4 0.0 31.4
203 18.4 0.0 38.0

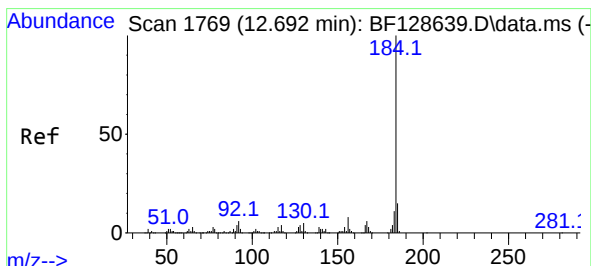
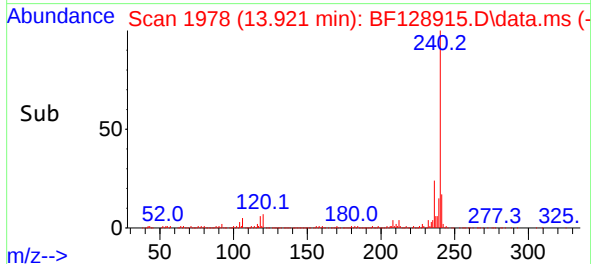
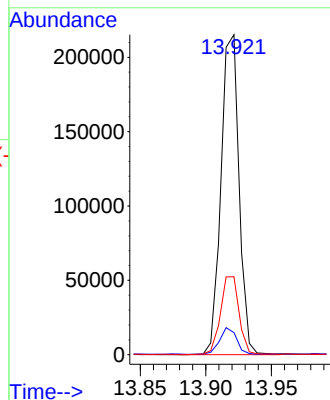
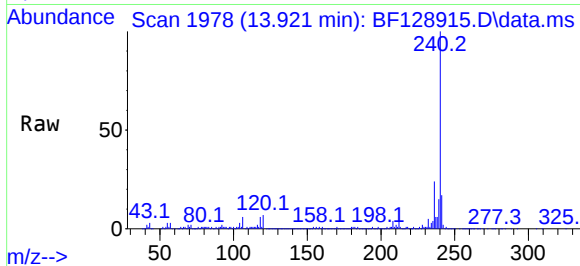




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.921 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

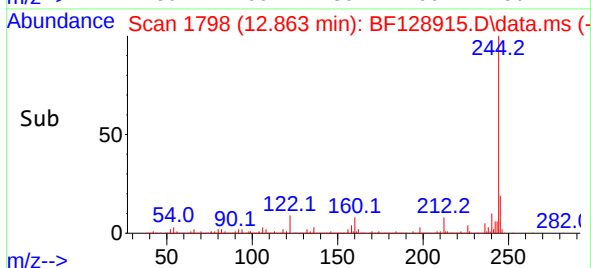
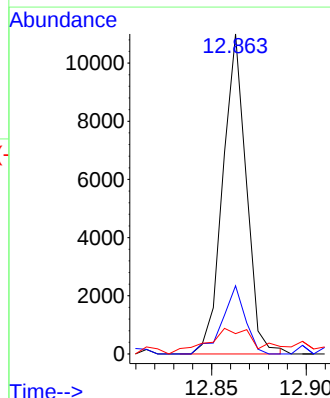
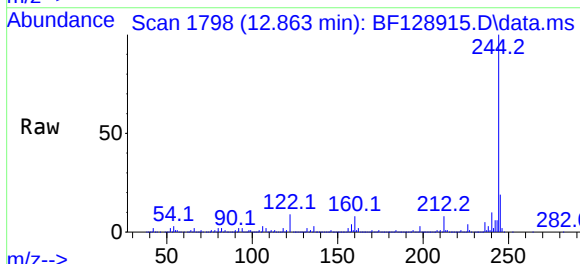
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620

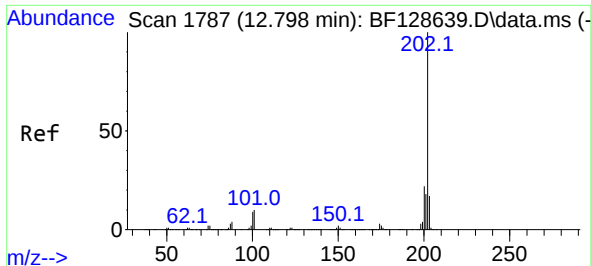
Tgt Ion:240 Resp: 205866
Ion Ratio Lower Upper
240 100
120 6.9 8.9 13.3#
236 24.4 20.8 31.2



#77
Benzidine
Concen: 2.31 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.247 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion:184 Resp: 9473
Ion Ratio Lower Upper
184 100
185 21.3 11.9 17.9#
183 6.3 9.3 13.9#

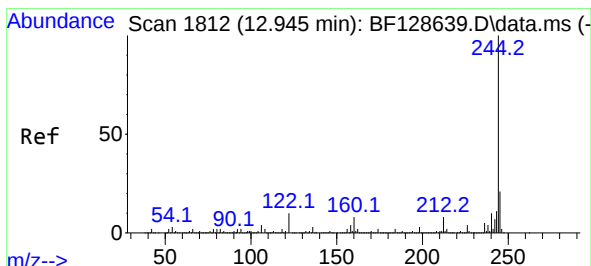
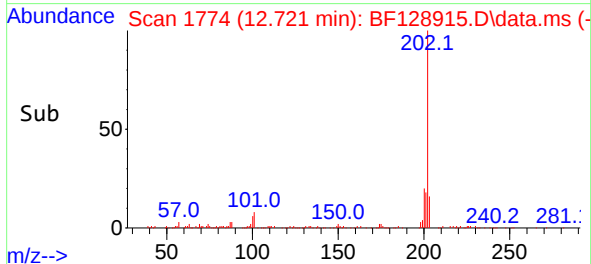
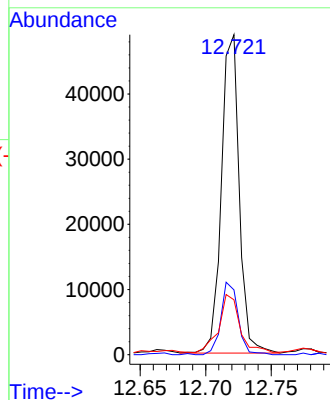
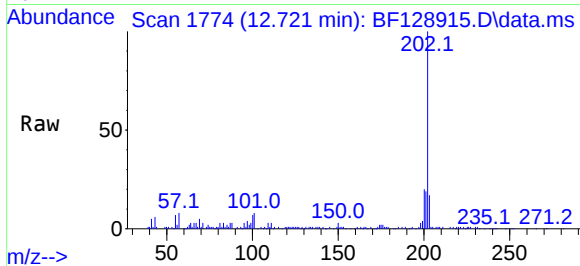




#78
Pyrene
Concen: 3.01 ng
RT: 12.721 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

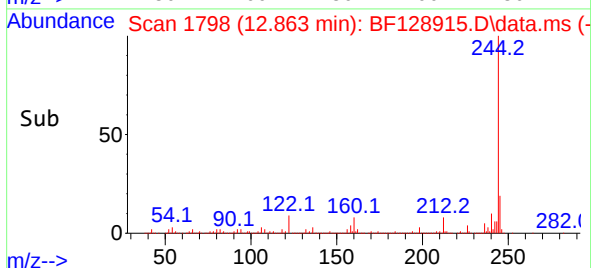
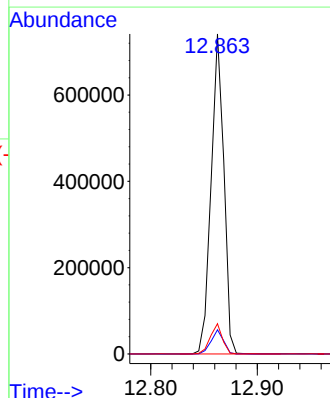
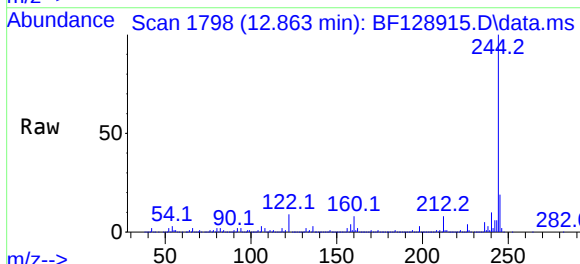
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620

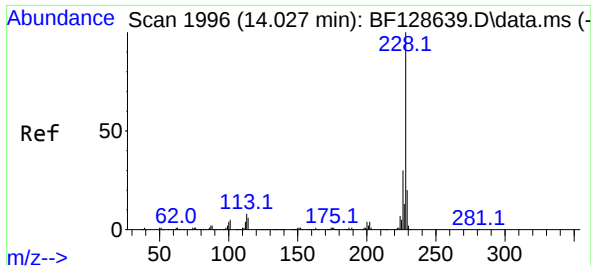
Tgt Ion:202 Resp: 46111
Ion Ratio Lower Upper
202 100
200 20.3 17.7 26.5
203 17.2 14.6 21.8



#79
Terphenyl-d14
Concen: 51.90 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion:244 Resp: 614907
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 9.5 8.8 13.2

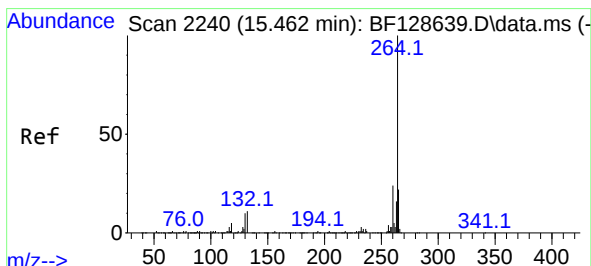
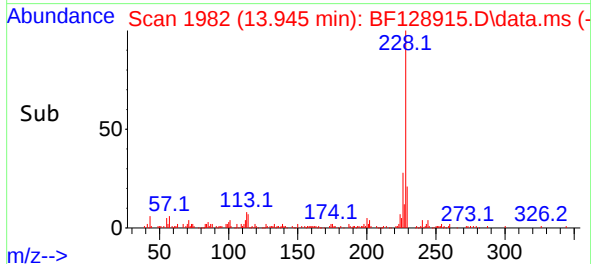
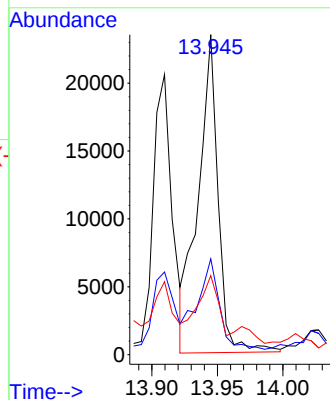
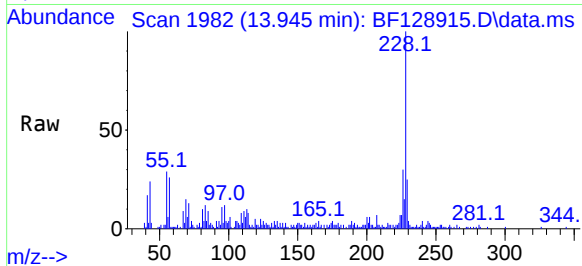




#83
Chrysene
Concen: 2.05 ng
RT: 13.945 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

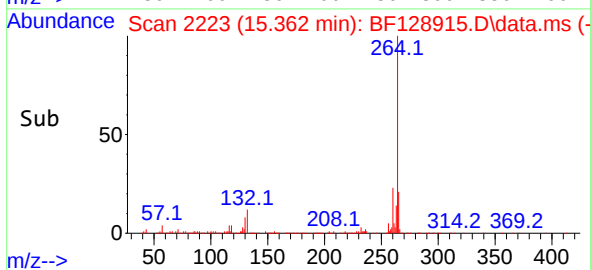
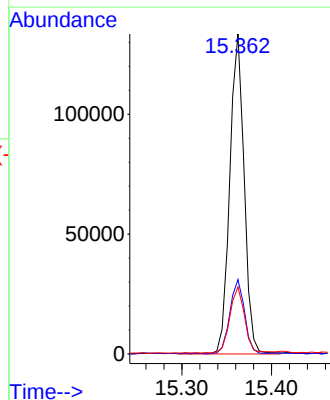
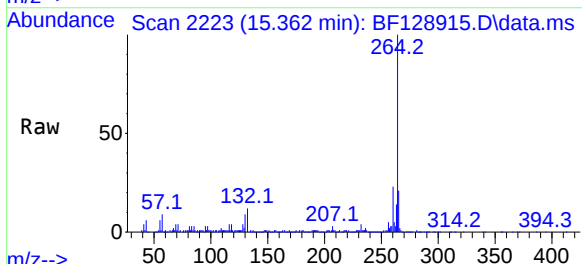
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620

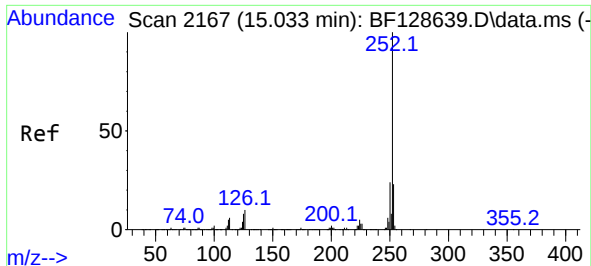
Tgt Ion:228 Resp: 25032
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 24.7 15.9 23.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.362 min Scan# 2223
Delta R.T. 0.000 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion:264 Resp: 148880
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 20.9 17.2 25.8

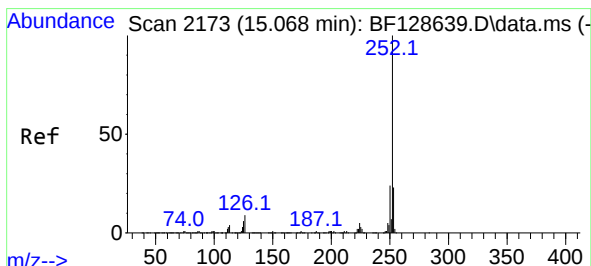
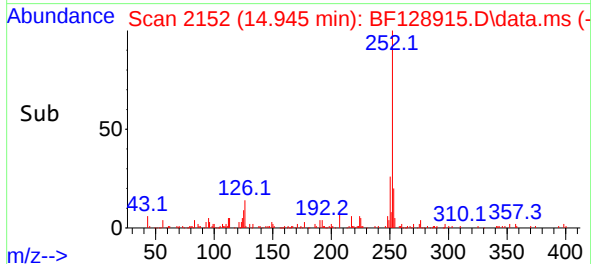
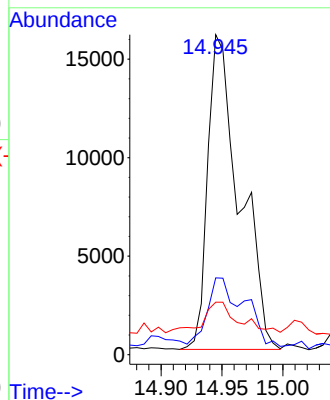
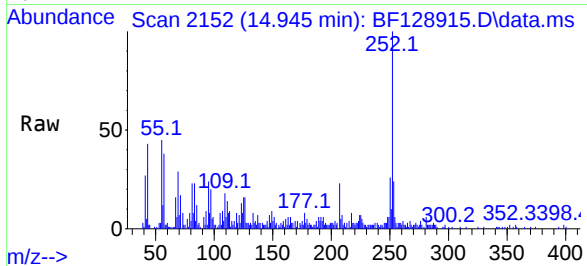




#88
Benzo(b)fluoranthene
Concen: 3.06 ng
RT: 14.945 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620

Tgt Ion:252 Resp: 29119
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 16.4 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.25 ng
RT: 14.945 min Scan# 2152
Delta R.T. -0.035 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

Tgt Ion:252 Resp: 29119
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 16.4 8.3 12.5#

