

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128844.D
 Acq On : 16 Jun 2022 17:31
 Operator : CG\JU
 Sample : N3367-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJS-LB-02-13.0-14.0

Quant Time: Jun 17 02:23:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

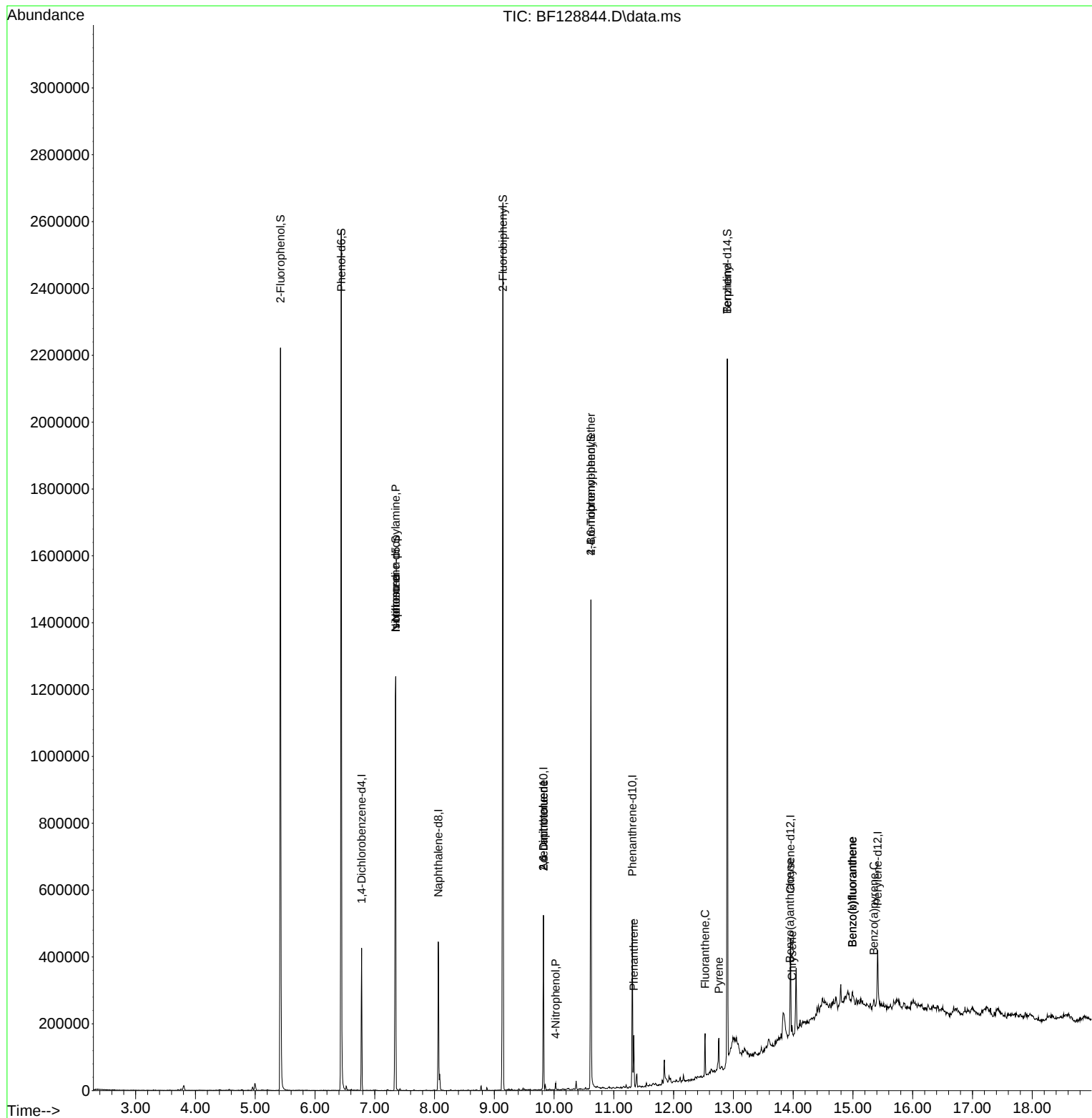
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	53478	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	180396	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	94639	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	160718	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	95654	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	71630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	533283	158.837	ng	0.00
7) Phenol-d6	6.439	99	712799	173.925	ng	0.00
23) Nitrobenzene-d5	7.351	82	416368	107.461	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	163319	146.054	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	770839	114.096	ng	0.00
79) Terphenyl-d14	12.898	244	686455	124.700	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	57881	22.715	ng	# 75
25) Isophorone	7.351	82	416361	70.754	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	12387	9.688	ng	# 26
56) 4-Nitrophenol	10.027	139	2436	2.422	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	12387	7.260	ng	# 22
67) 4-Bromophenyl-phenylether	10.616	248	10016	5.588	ng	# 1
71) Phenanthrene	11.333	178	49791	6.177	ng	98
75) Fluoranthene	12.527	202	47094	5.589	ng	96
77) Benzidine	12.898	184	9864	5.173	ng	# 92
78) Pyrene	12.757	202	39482	5.548	ng	99
81) Benzo(a)anthracene	13.945	228	16803	2.818	ng	97
83) Chrysene	13.980	228	13957	2.455	ng	97
88) Benzo(b)fluoranthene	14.992	252	16600	3.627	ng	# 61
89) Benzo(k)fluoranthene	14.992	252	16600	3.855	ng	# 62
90) Benzo(a)pyrene	15.351	252	8967	2.493	ng	# 79

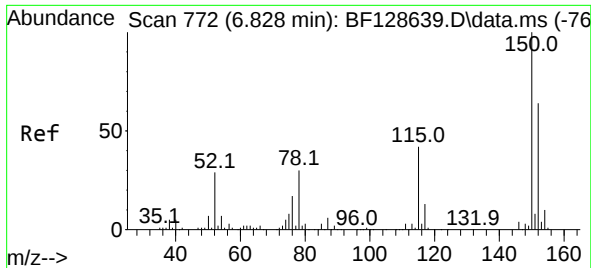
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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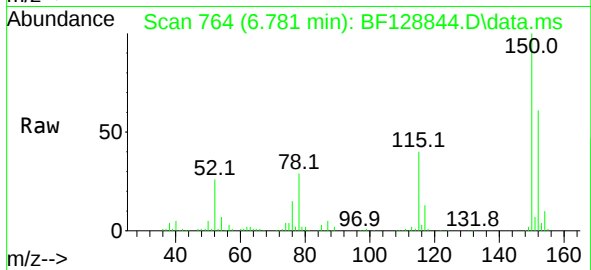
Quant Time: Jun 17 02:23:08 2022
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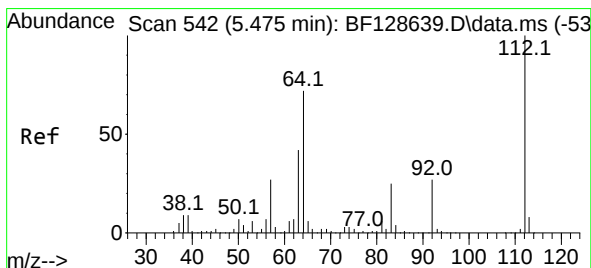
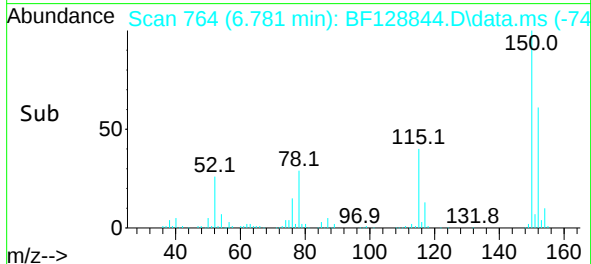
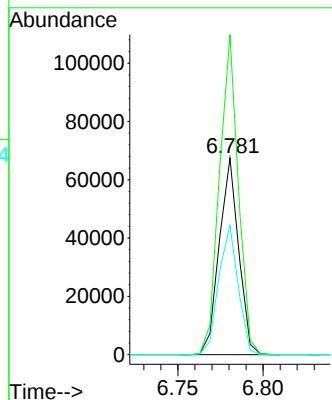


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0

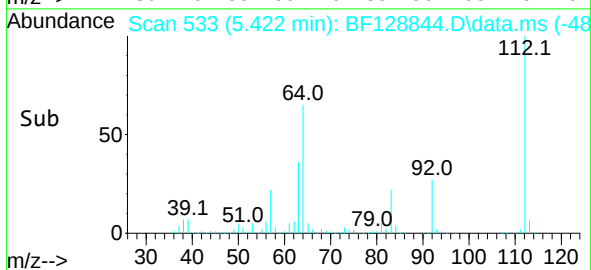
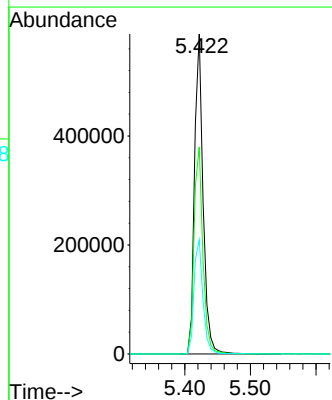
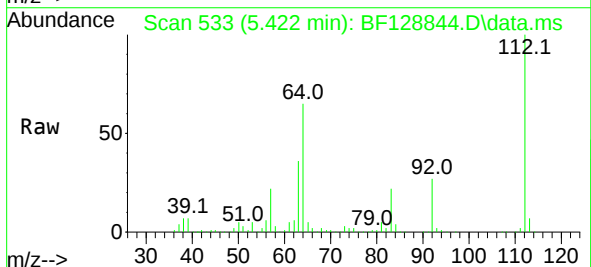


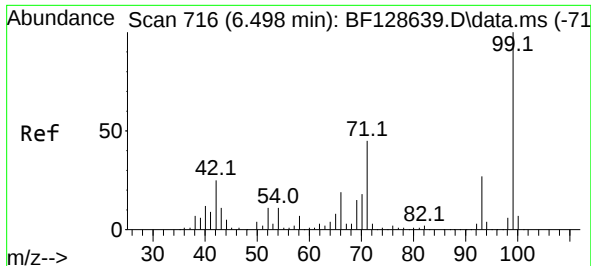
Tgt Ion:152 Resp: 53478
Ion Ratio Lower Upper
152 100
150 162.7 123.7 185.5
115 65.8 49.9 74.9



#5
2-Fluorophenol
Concen: 158.837 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Tgt Ion:112 Resp: 533283
Ion Ratio Lower Upper
112 100
64 64.7 53.3 79.9
63 35.7 28.0 42.0

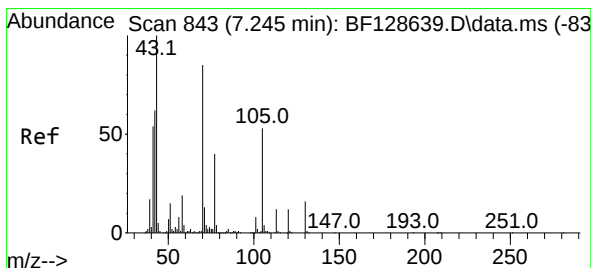
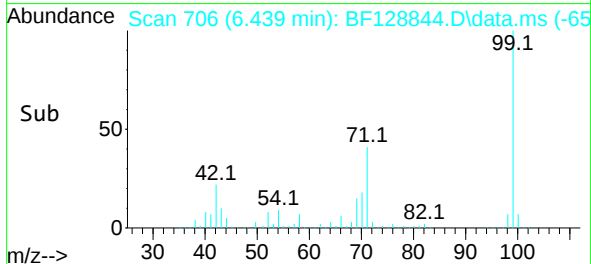
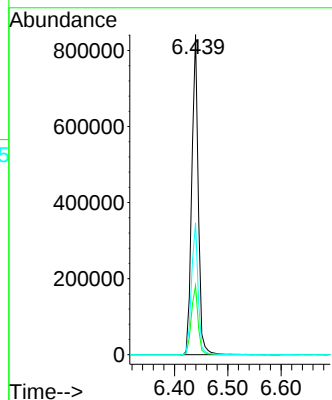
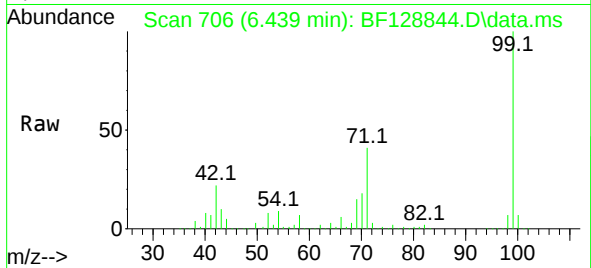




#7
Phenol-d6
Concen: 173.925 ng
RT: 6.439 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

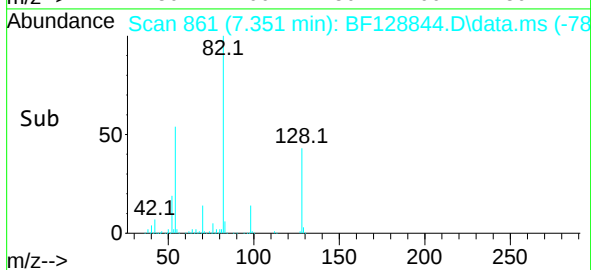
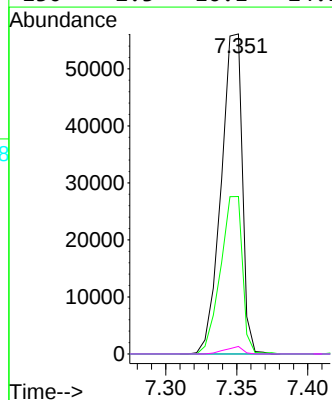
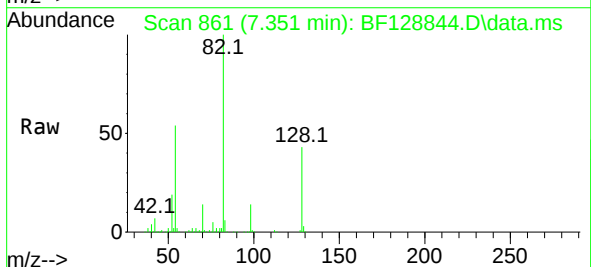
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0

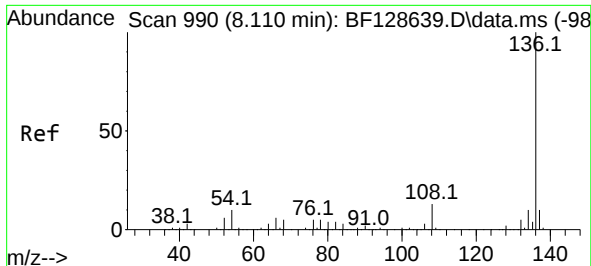
Tgt Ion: 99 Resp: 712799
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 41.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.715 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.147 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Tgt Ion: 70 Resp: 57881
Ion Ratio Lower Upper
70 100
42 49.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



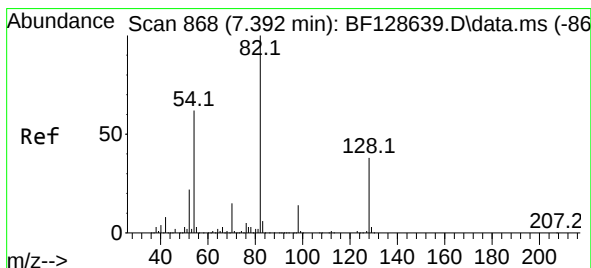
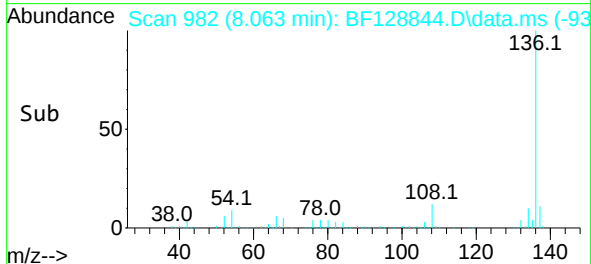
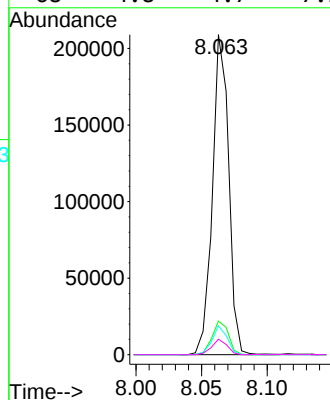
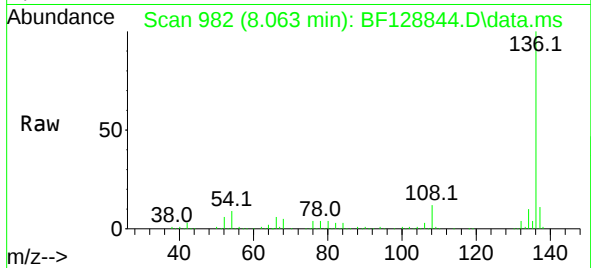


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0

Tgt Ion:136 Resp: 180396

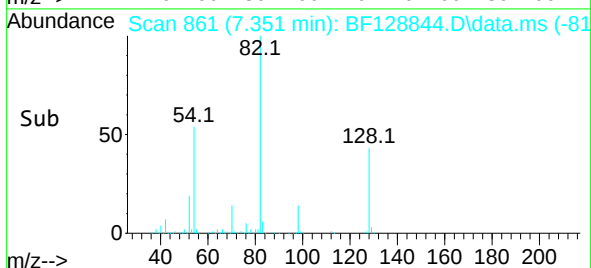
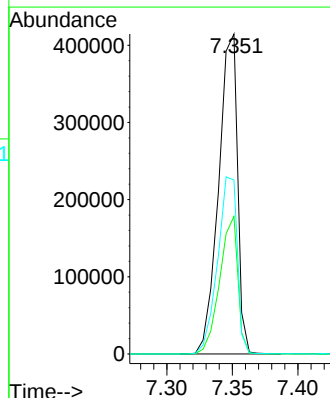
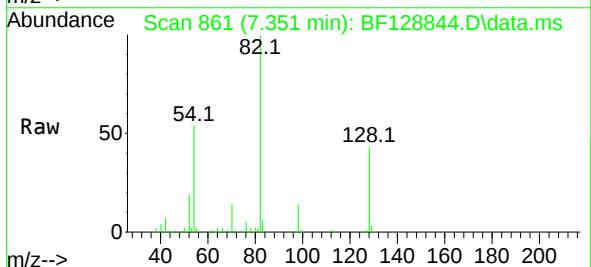
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.0	7.5	11.3
68	4.8	4.7	7.1

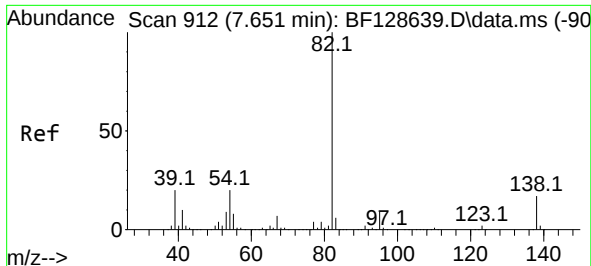


#23
Nitrobenzene-d5
Concen: 107.461 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Tgt Ion: 82 Resp: 416368

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.0	51.0
54	54.3	46.9	70.3

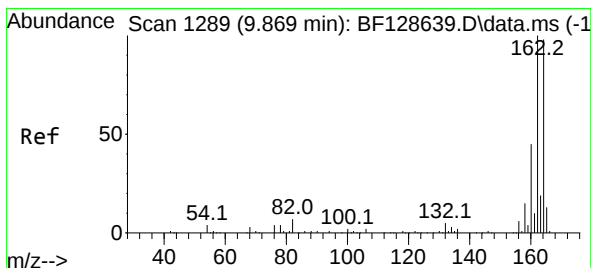
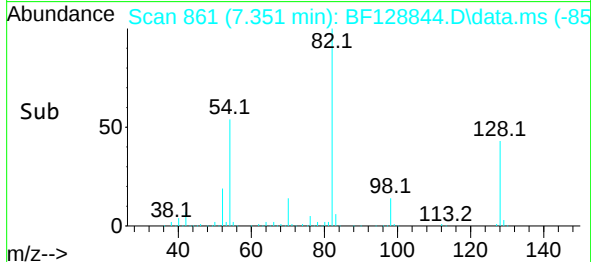
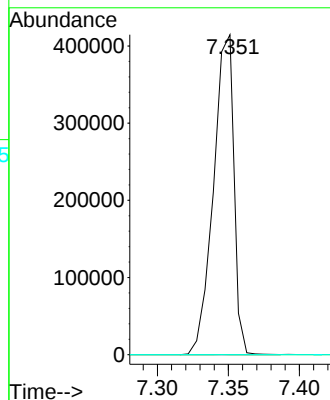
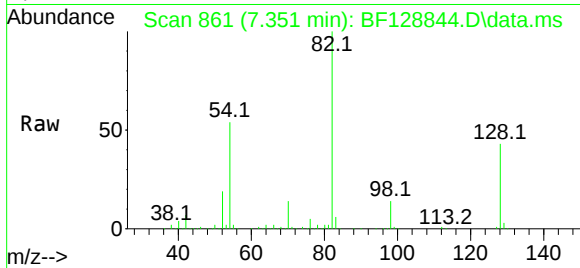




#25
Isophorone
Concen: 70.754 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

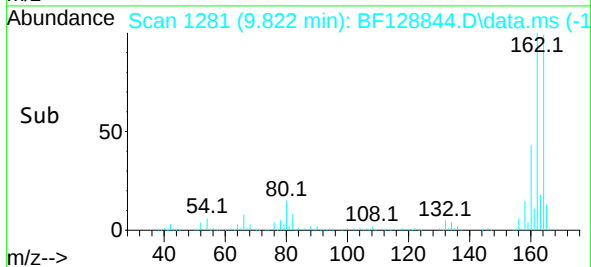
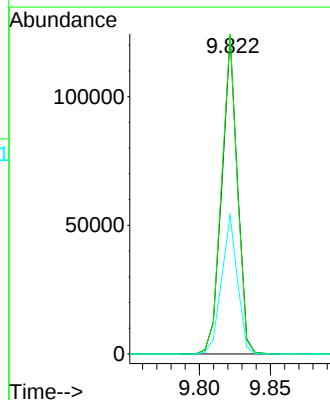
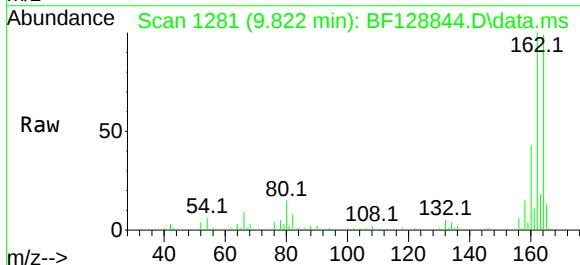
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0

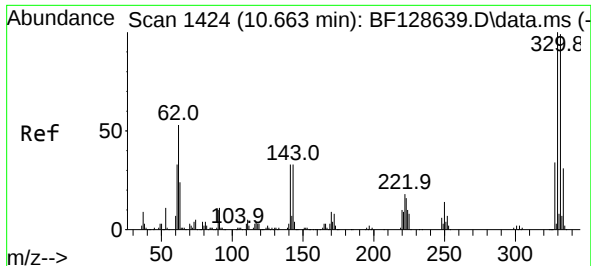
Tgt Ion: 82 Resp: 416361
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Tgt Ion:164 Resp: 94639
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 146.054 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128844.D

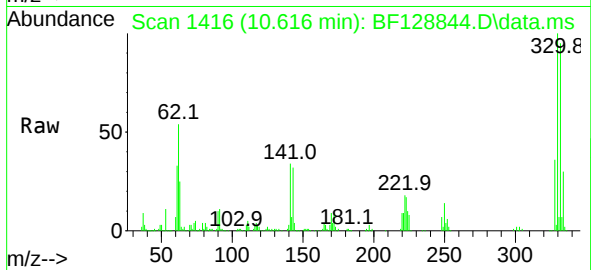
Acq: 16 Jun 2022 17:31

Instrument :

BNA_F

ClientSampleId :

MJS-LB-02-13.0-14.0



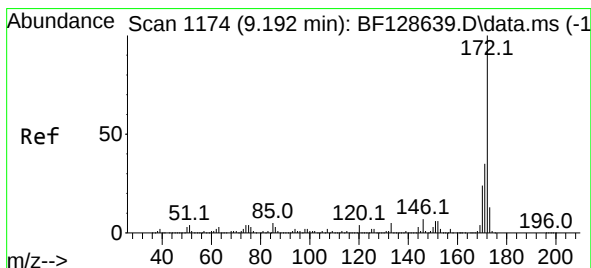
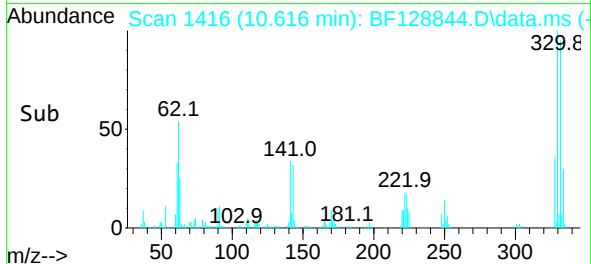
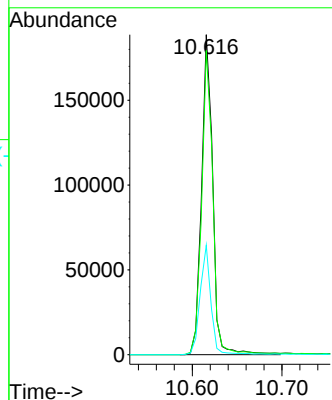
Tgt Ion:330 Resp: 163319

Ion Ratio Lower Upper

330 100

332 94.4 76.8 115.2

141 33.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 114.096 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

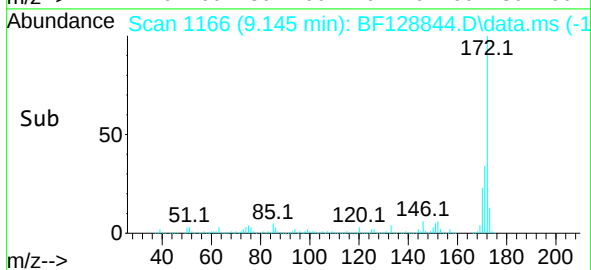
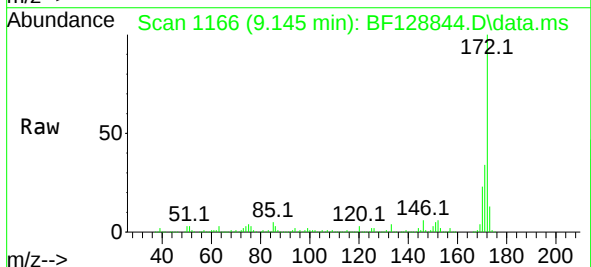
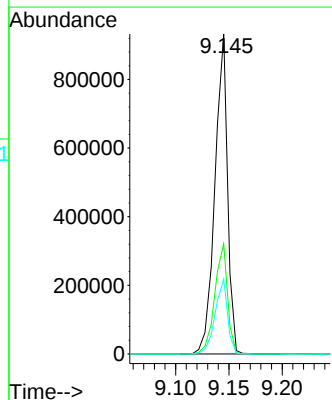
Tgt Ion:172 Resp: 770839

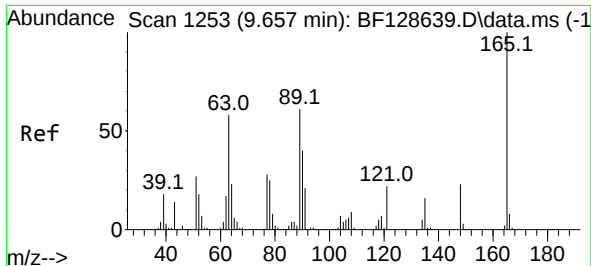
Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.688 ng

RT: 9.822 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

Instrument :

BNA_F

ClientSampleId :

MJS-LB-02-13.0-14.0

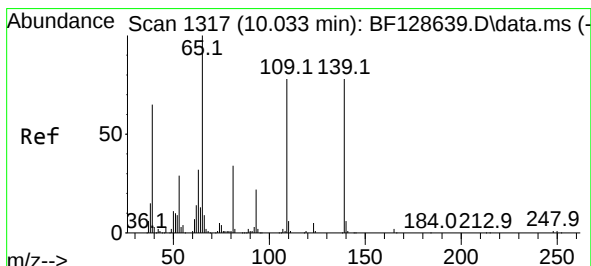
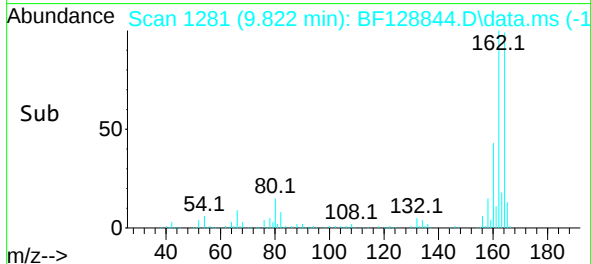
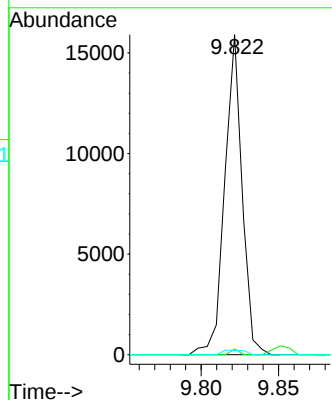
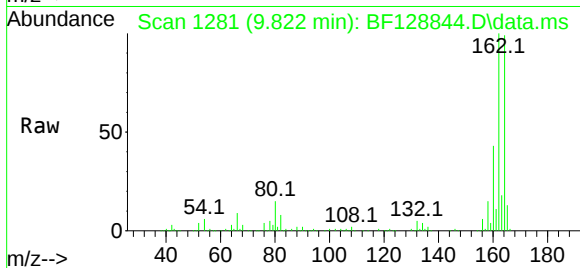
Tgt Ion:165 Resp: 12387

Ion Ratio Lower Upper

165 100

63 1.8 44.9 67.3#

89 1.3 43.6 65.4#



#56

4-Nitrophenol

Concen: 2.422 ng

RT: 10.027 min Scan# 1316

Delta R.T. 0.047 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

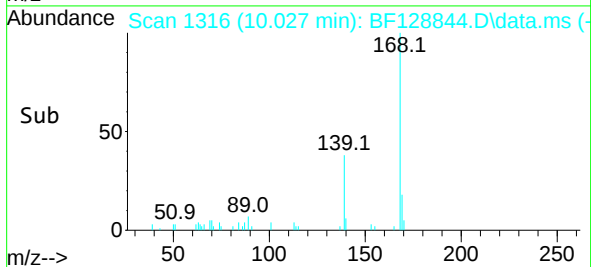
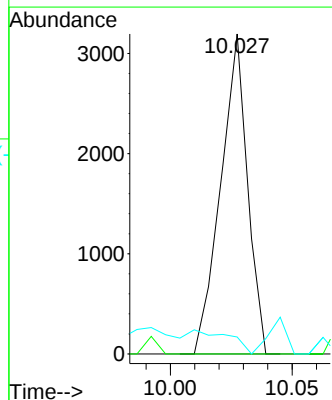
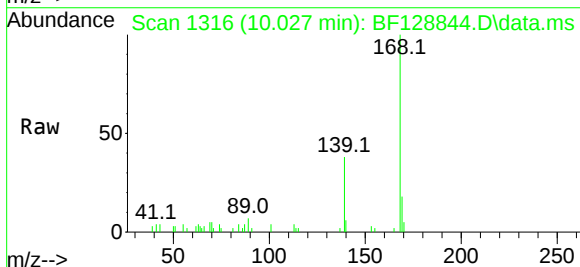
Tgt Ion:139 Resp: 2436

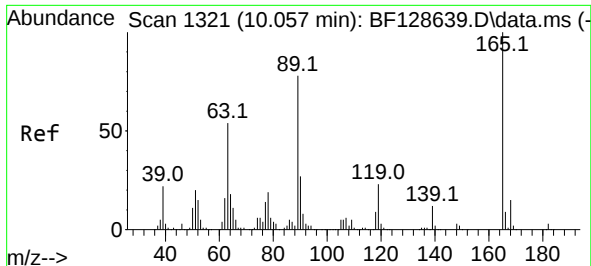
Ion Ratio Lower Upper

139 100

109 0.0 50.7 90.7#

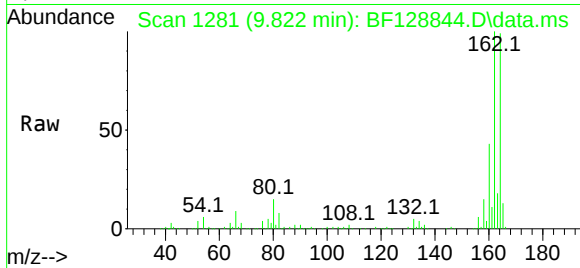
65 5.3 74.5 114.5#



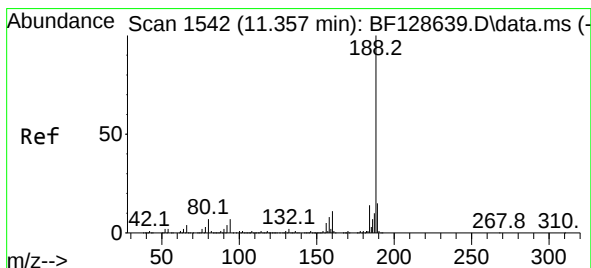
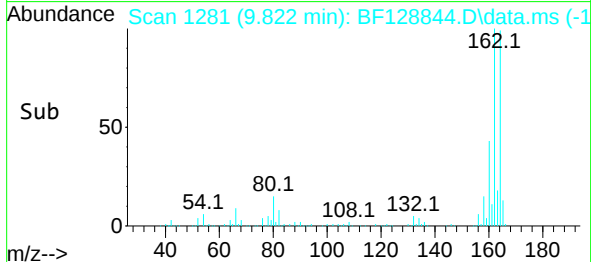
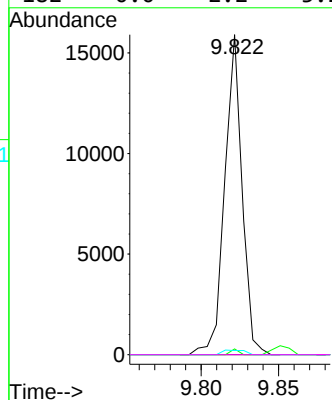


#57
2,4-Dinitrotoluene
Concen: 7.260 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0

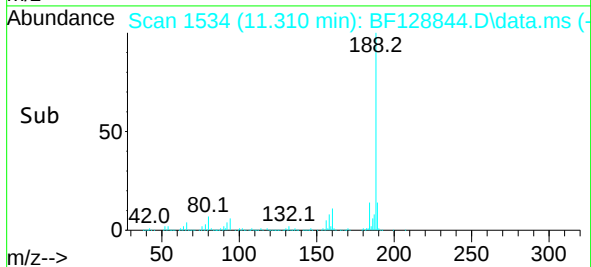
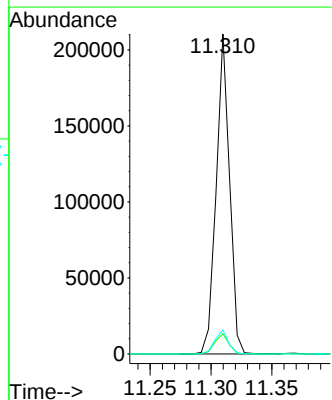
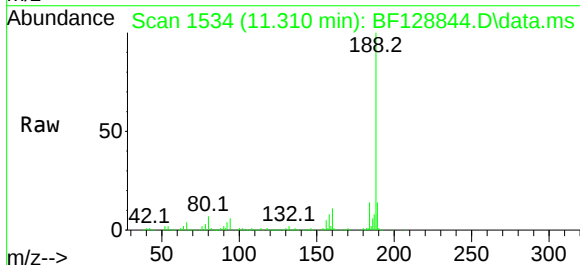


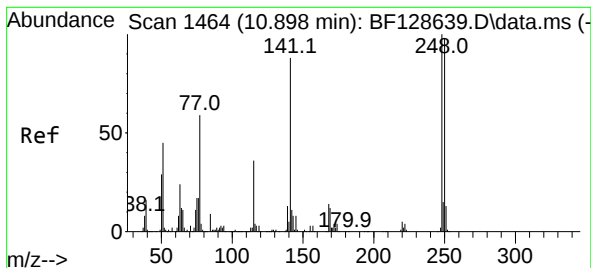
Tgt Ion:165 Resp: 12387
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Tgt Ion:188 Resp: 160718
Ion Ratio Lower Upper
188 100
94 6.3 7.0 10.6#
80 7.4 7.6 11.4#

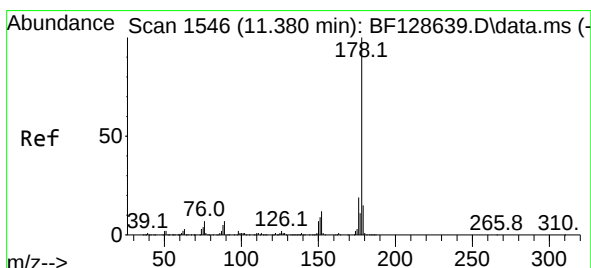
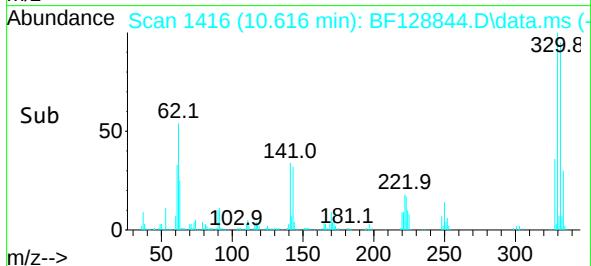
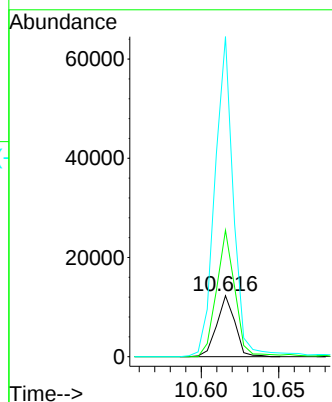
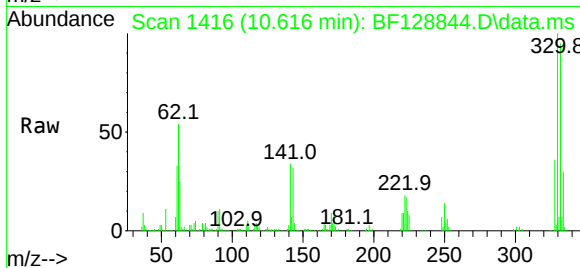




#67
4-Bromophenyl-phenylether
Concen: 5.588 ng
RT: 10.616 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

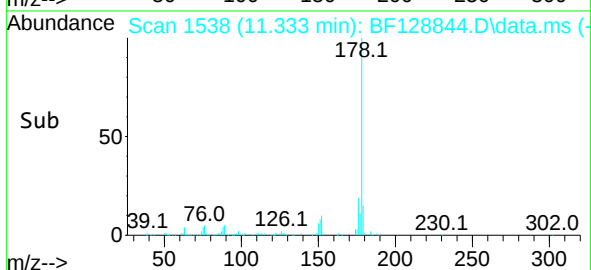
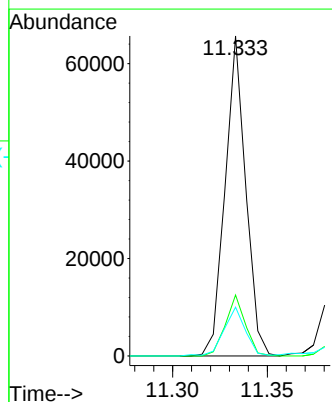
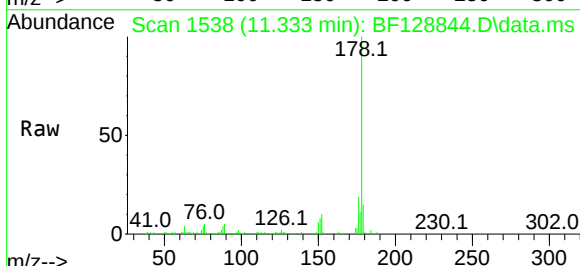
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0

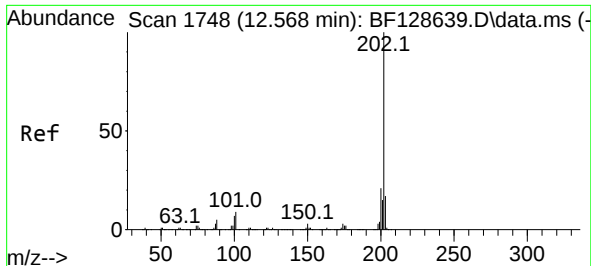
Tgt Ion:248 Resp: 10016
Ion Ratio Lower Upper
248 100
250 207.4 80.6 120.8#
141 525.0 58.9 88.3#



#71
Phenanthrene
Concen: 6.177 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Tgt Ion:178 Resp: 49791
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.2 12.6 19.0

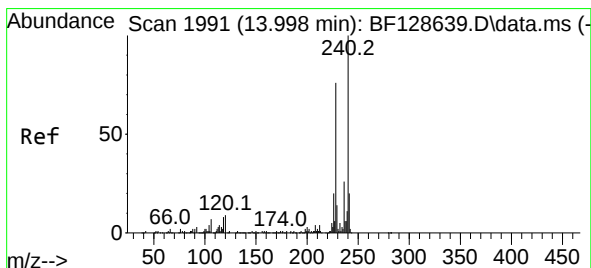
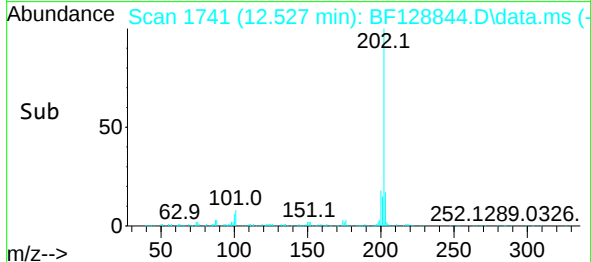
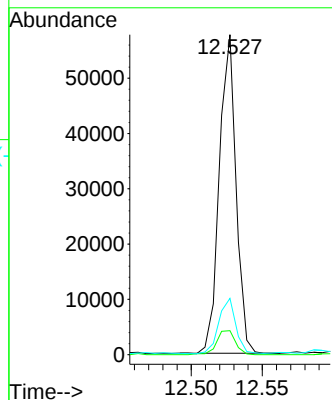
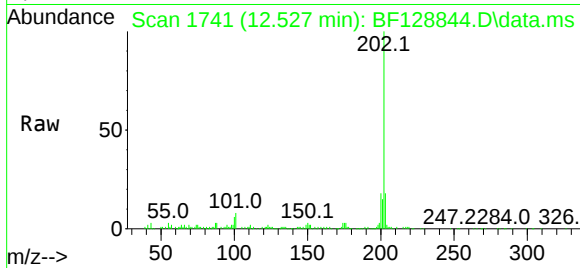




#75
Fluoranthene
Concen: 5.589 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

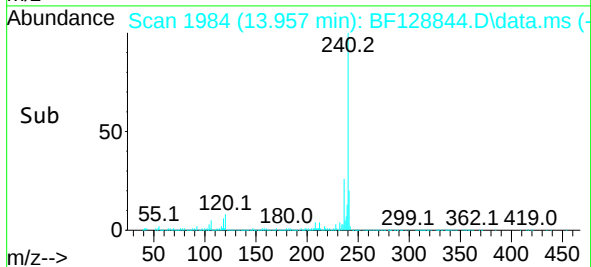
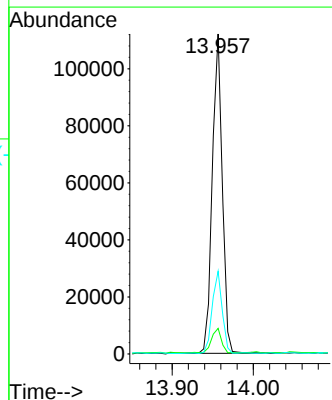
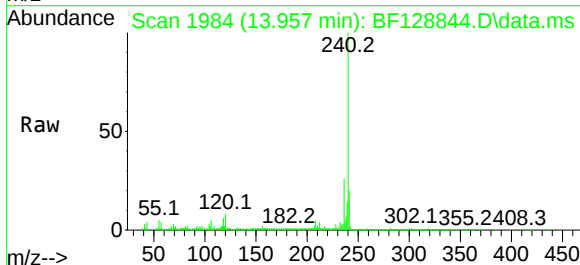
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0

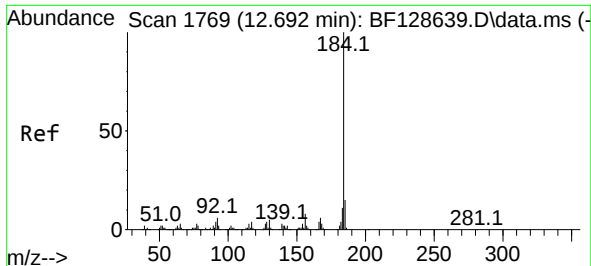
Tgt Ion:	202	Resp:	47094
Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	31.4
203	17.6	0.0	38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Tgt Ion:	240	Resp:	95654
Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.9	13.3#
236	25.8	20.8	31.2

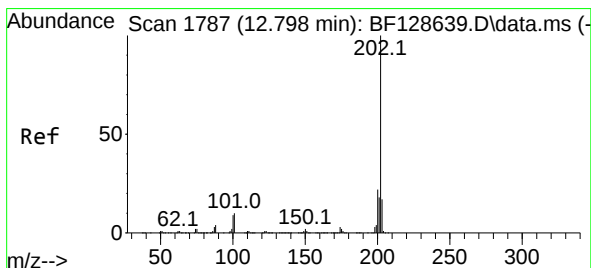
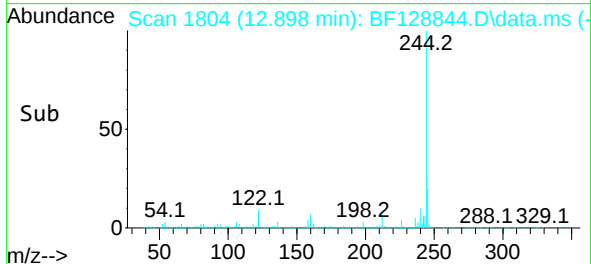
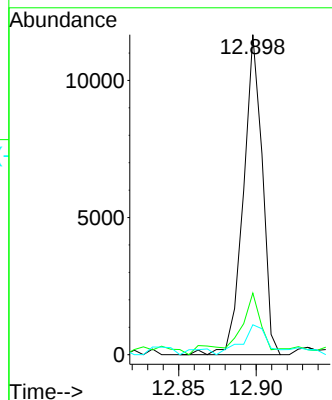
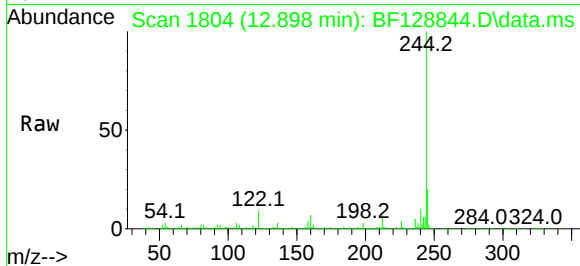




#77
Benzidine
Concen: 5.173 ng
RT: 12.898 min Scan# 1780
Delta R.T. 0.247 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

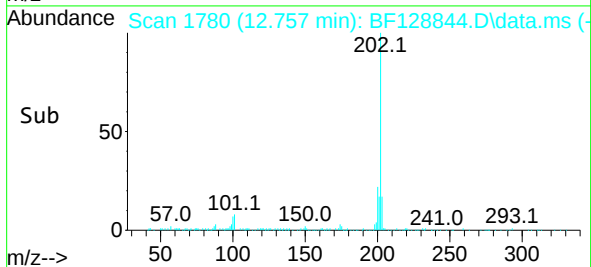
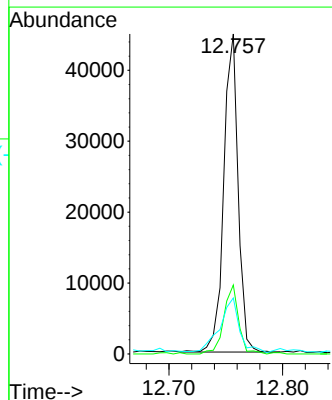
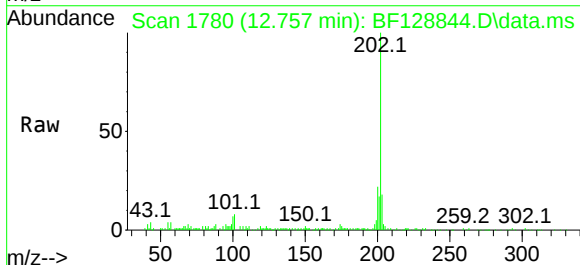
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0

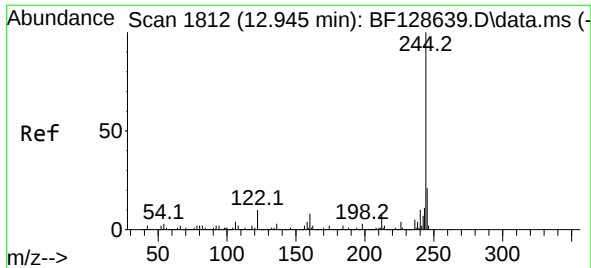
Tgt Ion:184 Resp: 9864
Ion Ratio Lower Upper
184 100
185 19.2 11.9 17.9#
183 9.4 9.3 13.9



#78
Pyrene
Concen: 5.548 ng
RT: 12.757 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Tgt Ion:202 Resp: 39482
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 17.5 14.6 21.8

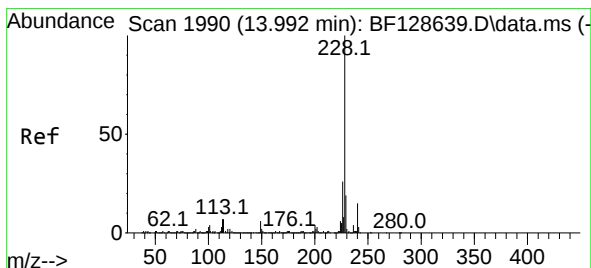
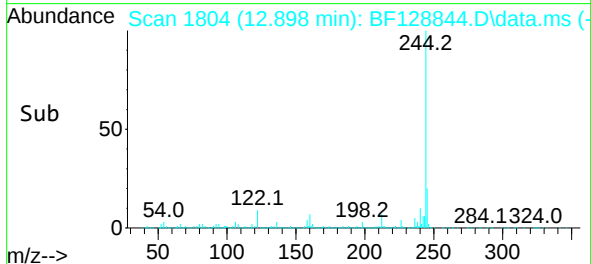
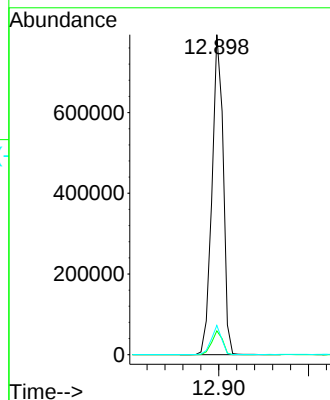
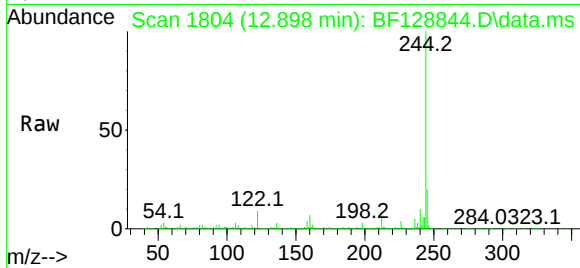




#79
 Terphenyl-d14
 Concen: 124.700 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128844.D
 Acq: 16 Jun 2022 17:31

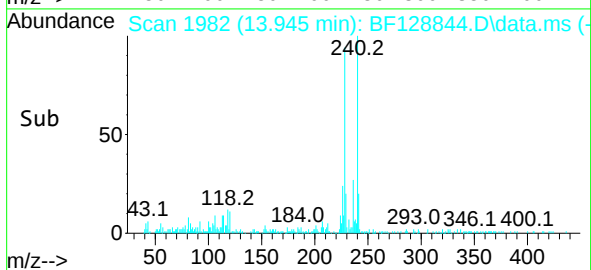
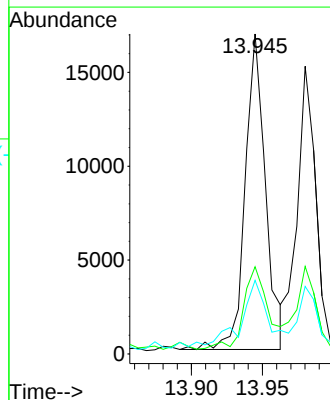
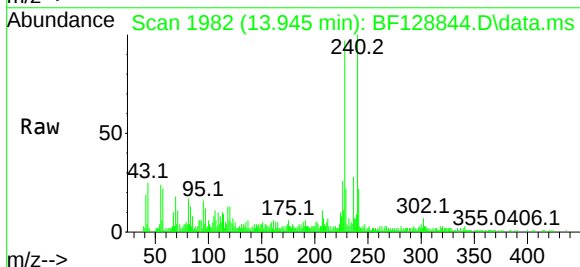
Instrument :
 BNA_F
 ClientSampleId :
 MJS-LB-02-13.0-14.0

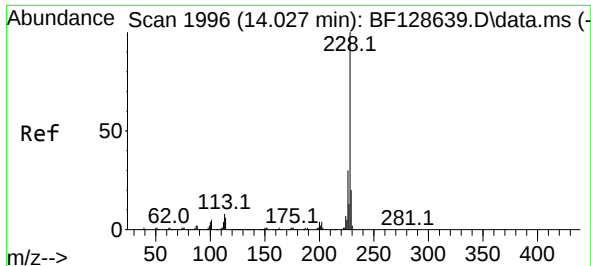
Tgt Ion:244 Resp: 686455
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.2 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 2.818 ng
 RT: 13.945 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BF128844.D
 Acq: 16 Jun 2022 17:31

Tgt Ion:228 Resp: 16803
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.1 33.1
 229 23.0 15.8 23.8

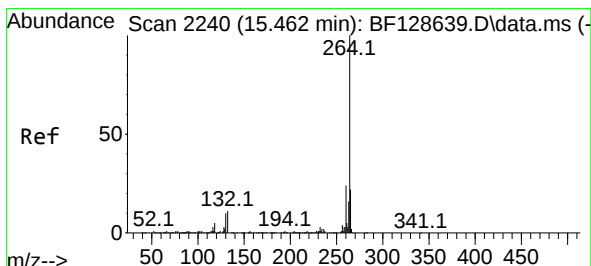
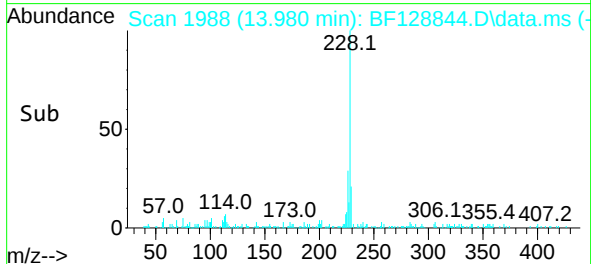
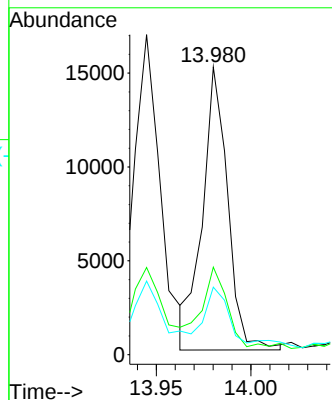
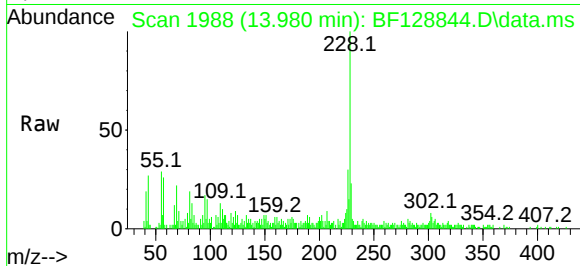




#83
Chrysene
Concen: 2.455 ng
RT: 13.980 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

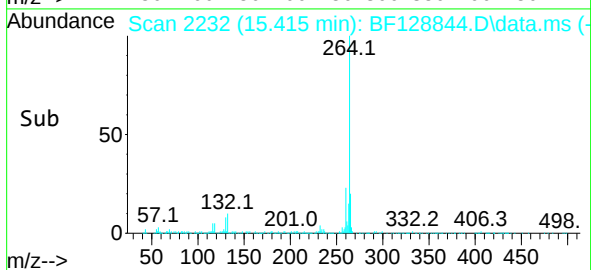
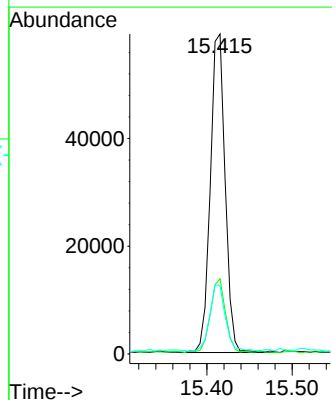
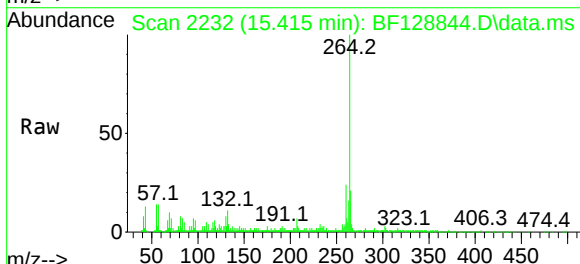
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0

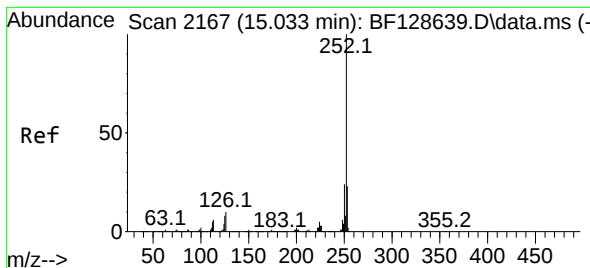
Tgt Ion:228	Resp:	13957
Ion Ratio	Lower	Upper
228	100	
226	30.4	24.3 36.5
229	23.5	15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BF128844.D
Acq: 16 Jun 2022 17:31

Tgt Ion:264	Resp:	71630
Ion Ratio	Lower	Upper
264	100	
260	23.5	18.4 27.6
265	21.3	17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.627 ng

RT: 14.992 min Scan# 2160

Delta R.T. -0.000 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

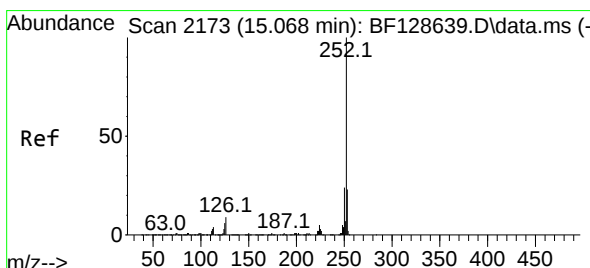
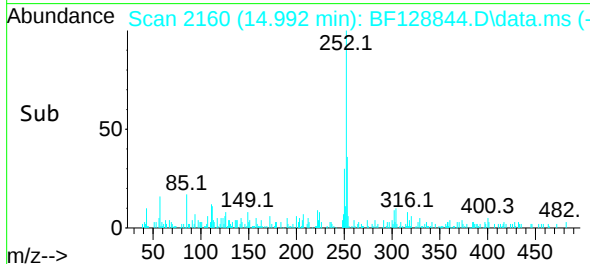
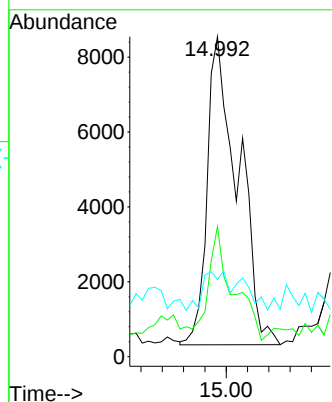
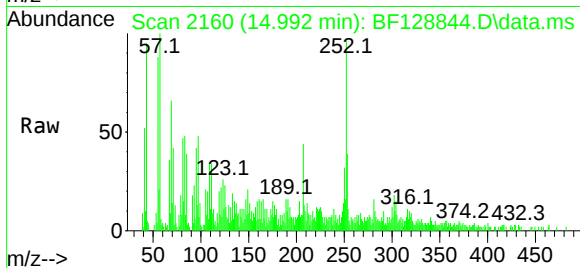
Instrument :

BNA_F

ClientSampleId :

MJS-LB-02-13.0-14.0

Tgt Ion:252	Resp:	16600
Ion Ratio	Lower	Upper
252	100	
253	40.7	17.7 26.5#
125	24.1	8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 3.855 ng

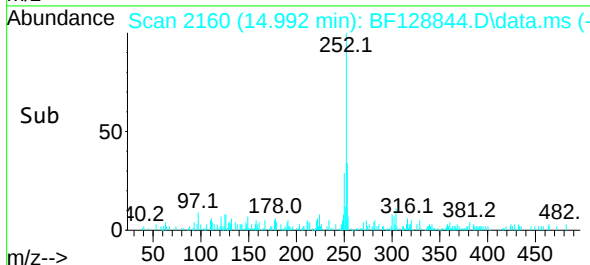
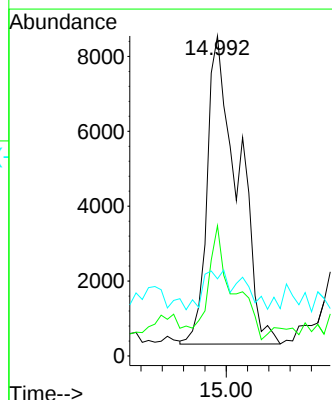
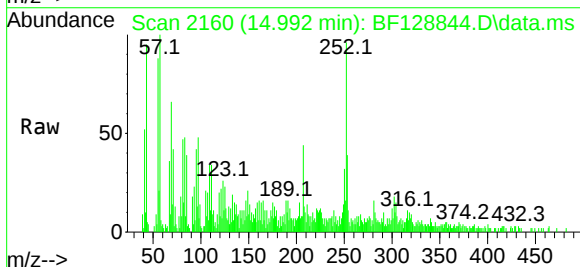
RT: 14.992 min Scan# 2160

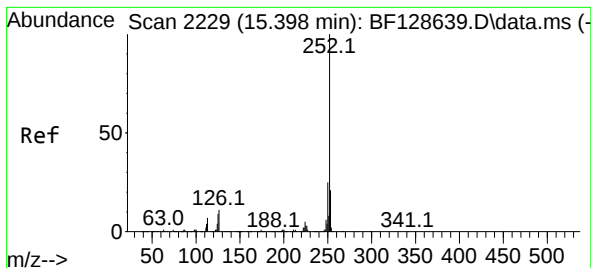
Delta R.T. -0.035 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

Tgt Ion:252	Resp:	16600
Ion Ratio	Lower	Upper
252	100	
253	40.7	17.8 26.6#
125	24.1	8.3 12.5#





#90

Benzo(a)pyrene

Concen: 2.493 ng

RT: 15.351 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128844.D

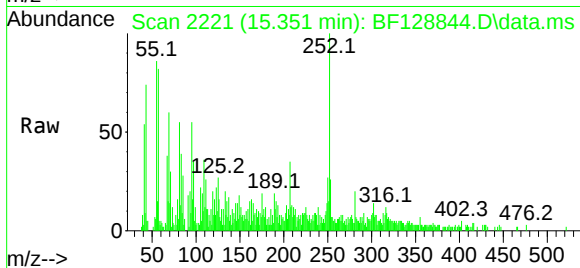
Acq: 16 Jun 2022 17:31

Instrument :

BNA_F

ClientSampleId :

MJS-LB-02-13.0-14.0



Tgt Ion:252 Resp: 8967

Ion Ratio Lower Upper

252 100

253 26.4 17.0 25.6#

125 26.7 8.8 13.2#

