

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128793.D
 Acq On : 13 Jun 2022 19:45
 Operator : CG\JU
 Sample : N3296-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-060922

Quant Time: Jun 14 01:57:03 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 08 14:28:39 2022
 Response via : Initial Calibration

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

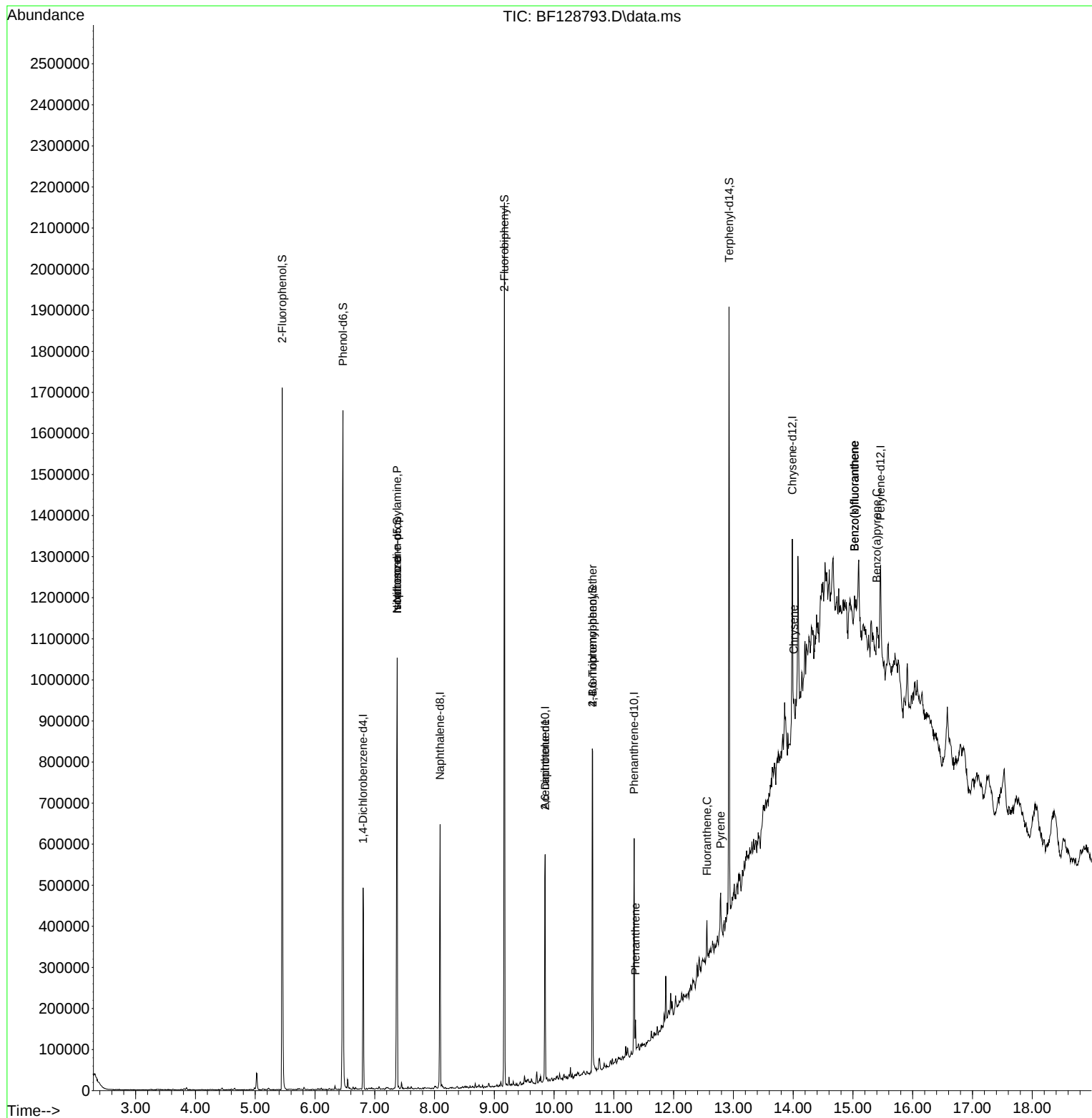
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	67054	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	236532	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	109667	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	175309	20.000	ng	# 0.00
76) Chrysene-d12	13.986	240	137909	20.000	ng	0.00
86) Perylene-d12	15.462	264	98859	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	409582	97.294	ng	0.00
7) Phenol-d6	6.469	99	497815	96.876	ng	-0.01
23) Nitrobenzene-d5	7.375	82	307363	60.501	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	105143	81.143	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	573620	73.270	ng	0.00
79) Terphenyl-d14	12.927	244	491601	61.941	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	44842	14.035	ng	# 74
25) Isophorone	7.375	82	305686	39.618	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	15429	10.414	ng	# 26
67) 4-Bromophenyl-phenylether	10.645	248	6604	3.378	ng	# 1
71) Phenanthrene	11.363	178	22845	2.598	ng	96
75) Fluoranthene	12.557	202	30289	3.295	ng	91
78) Pyrene	12.786	202	44018	4.290	ng	96
83) Chrysene	14.010	228	18832	2.298	ng	# 86
88) Benzo(b)fluoranthene	15.027	252	19944	3.157	ng	# 1
89) Benzo(k)fluoranthene	15.027	252	19944	3.356	ng	# 1
90) Benzo(a)pyrene	15.398	252	11188	2.253	ng	# 1

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

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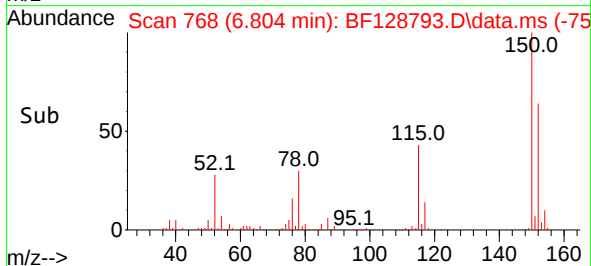
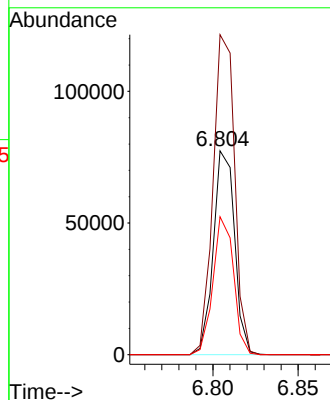
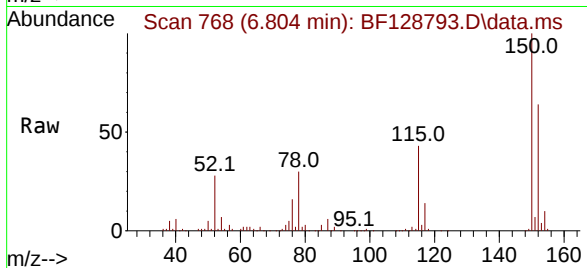




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

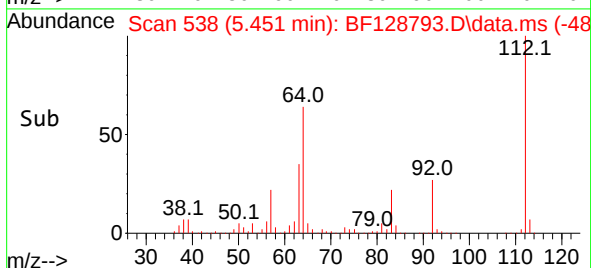
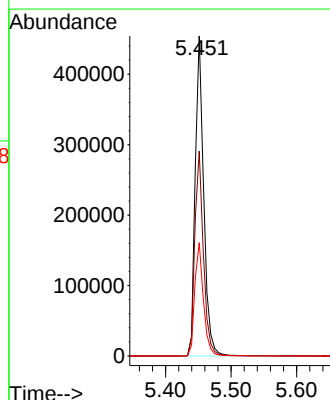
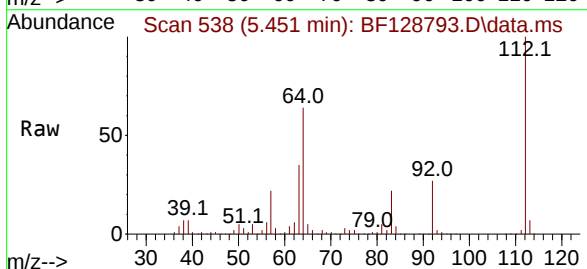
Instrument :
BNA_F
ClientSampleId :
OK-03-060922

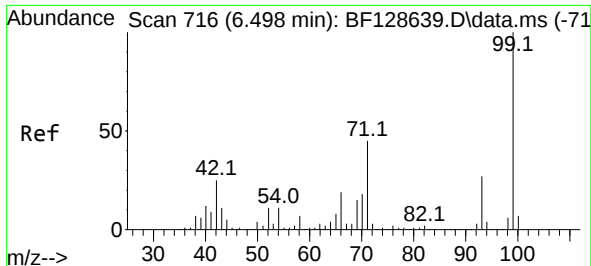
Tgt Ion:152 Resp: 67054
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 67.7 49.9 74.9



#5
2-Fluorophenol
Concen: 97.294 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Tgt Ion:112 Resp: 409582
Ion Ratio Lower Upper
112 100
64 64.1 53.3 79.9
63 35.4 28.0 42.0

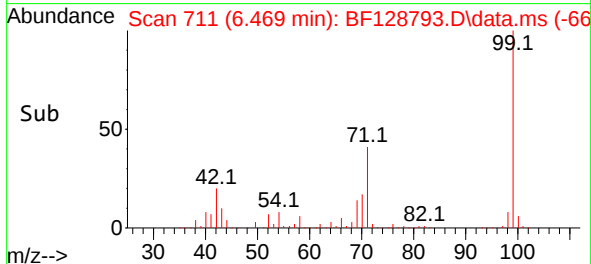
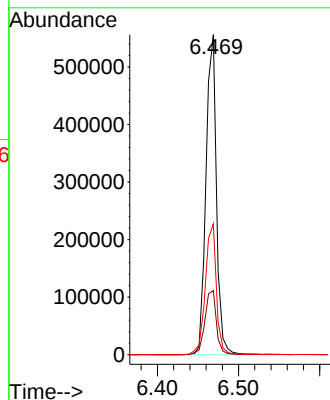
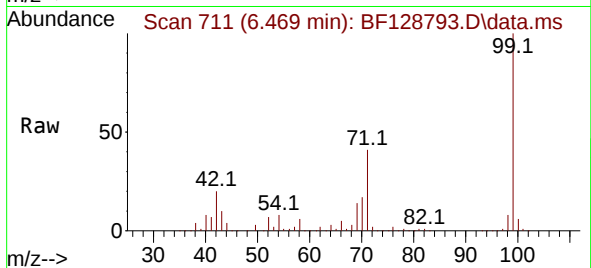




#7
Phenol-d6
Concen: 96.876 ng
RT: 6.469 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

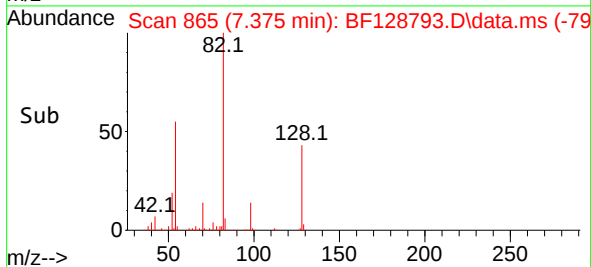
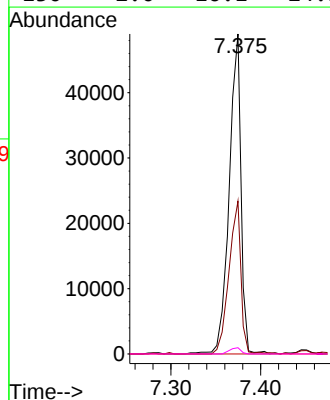
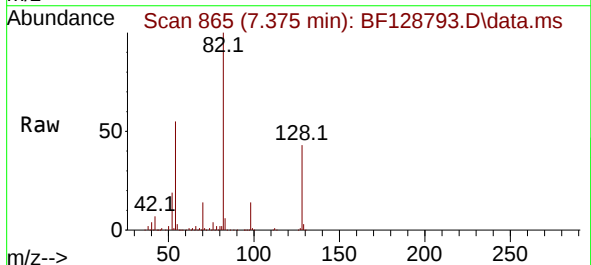
Instrument :
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ClientSampleId :
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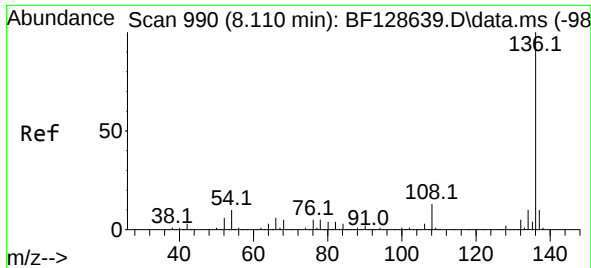
Tgt Ion: 99 Resp: 497815
Ion Ratio Lower Upper
99 100
42 20.0 17.3 25.9
71 40.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.035 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.141 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Tgt Ion: 70 Resp: 44842
Ion Ratio Lower Upper
70 100
42 47.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

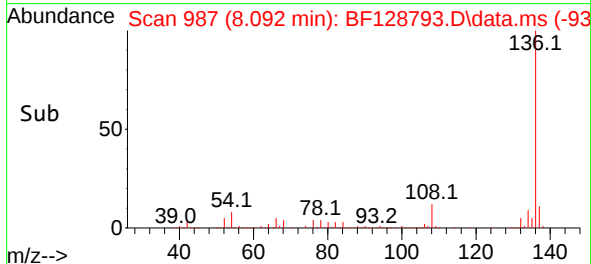
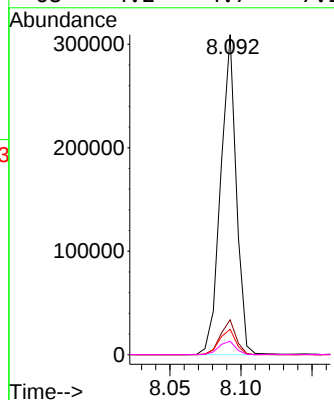
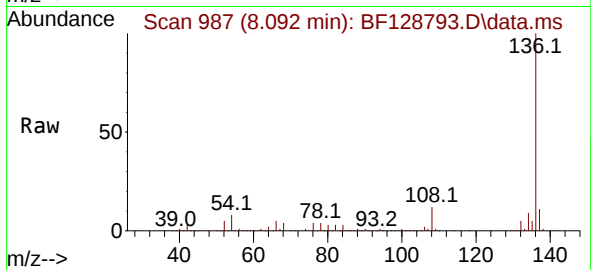




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

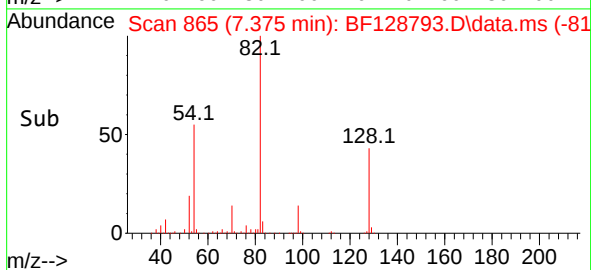
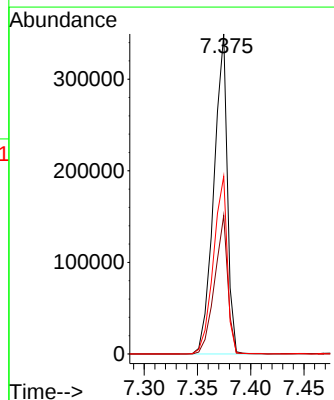
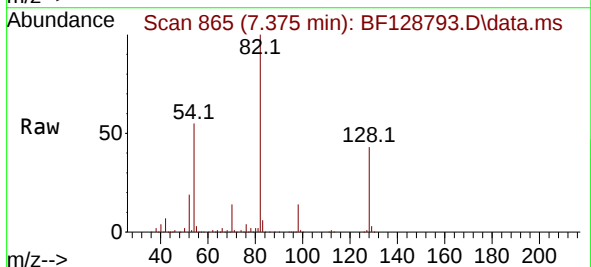
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BNA_F
ClientSampleId :
OK-03-060922

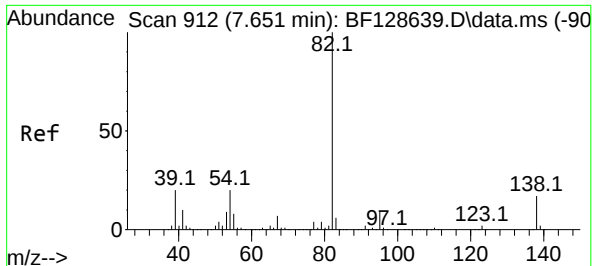
Tgt Ion:136 Resp: 236532
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 7.5 11.3
68 4.2 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 60.501 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Tgt Ion: 82 Resp: 307363
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 55.5 46.9 70.3

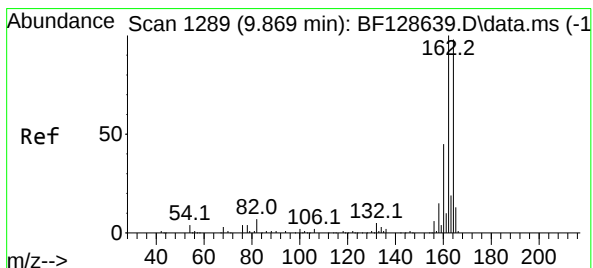
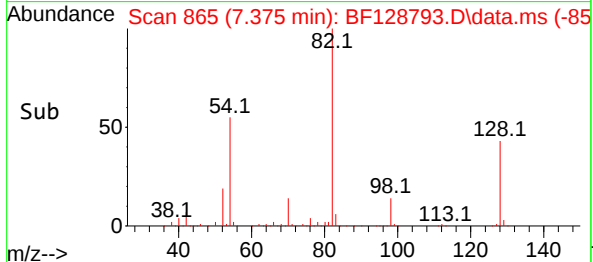
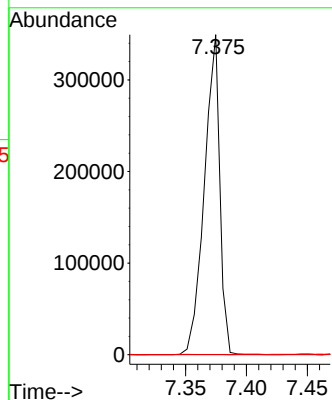
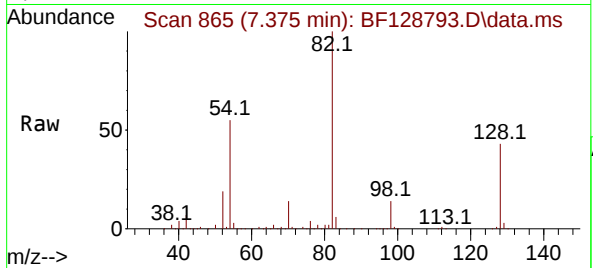




#25
Isophorone
Concen: 39.618 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

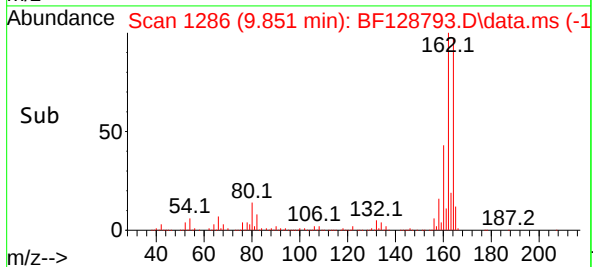
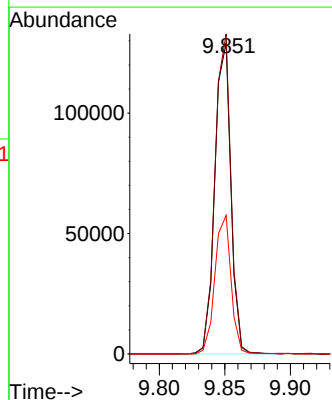
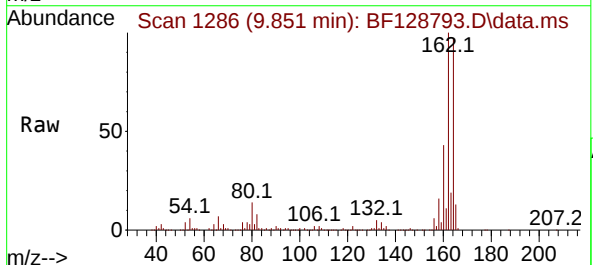
Instrument :
BNA_F
ClientSampleId :
OK-03-060922

Tgt Ion: 82 Resp: 305686
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Tgt Ion:164 Resp: 109667
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.5 34.2 51.4

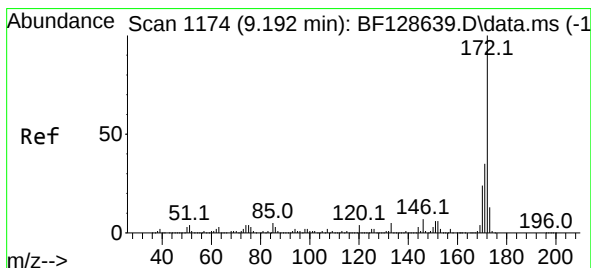
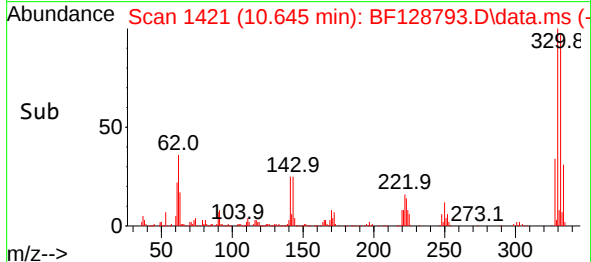
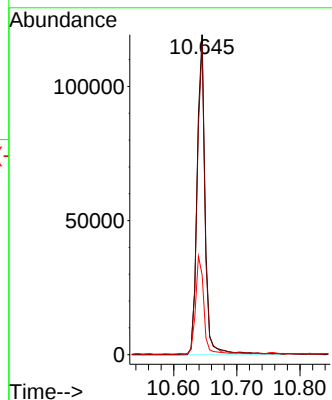
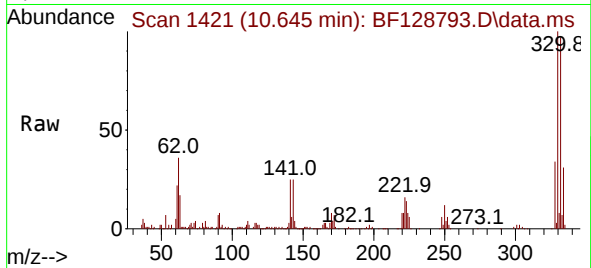




#42
2,4,6-Tribromophenol
Concen: 81.143 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

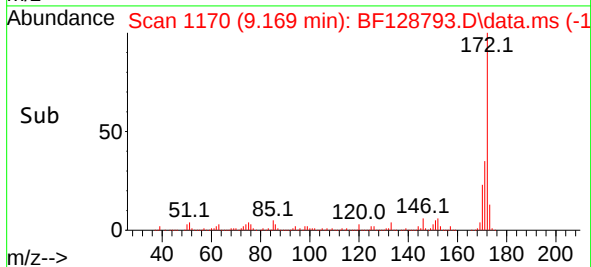
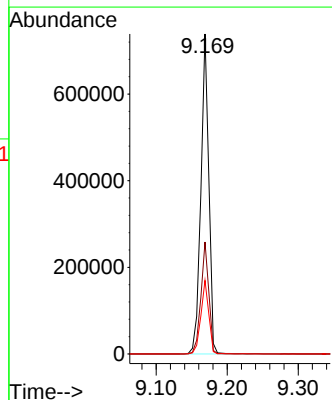
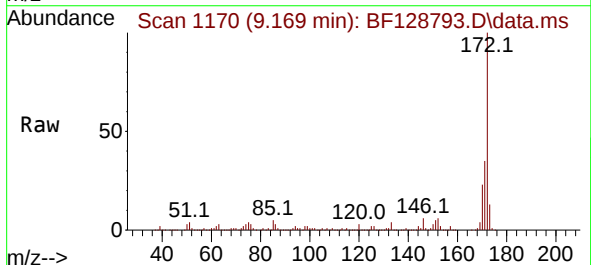
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OK-03-060922

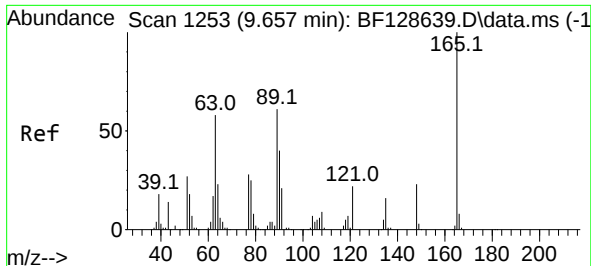
Tgt Ion:330 Resp: 105143
Ion Ratio Lower Upper
330 100
332 94.0 76.8 115.2
141 31.3 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 73.270 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Tgt Ion:172 Resp: 573620
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.0 19.8 29.8

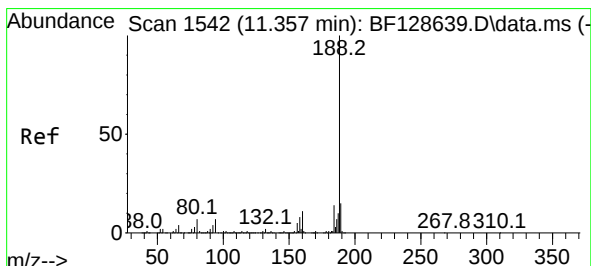
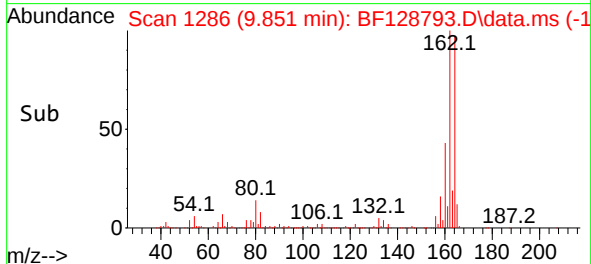
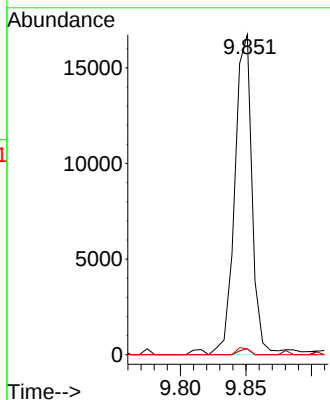
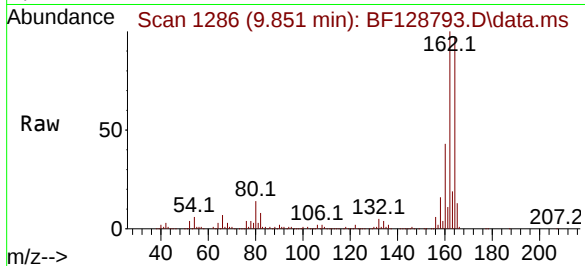




#51
2,6-Dinitrotoluene
Concen: 10.414 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

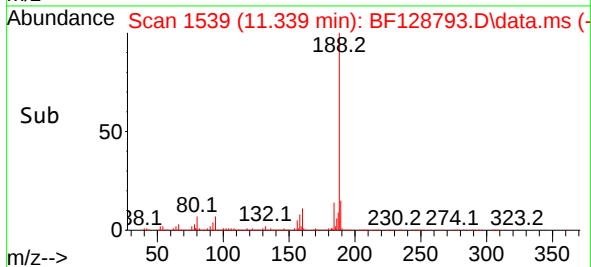
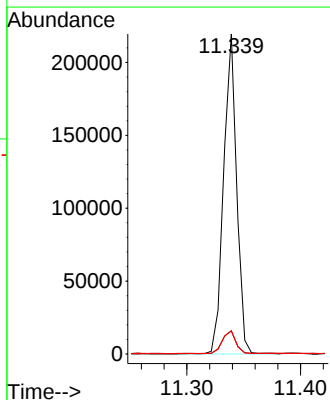
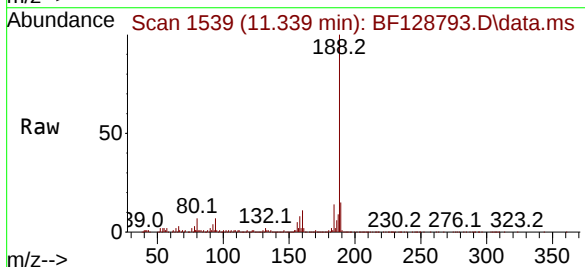
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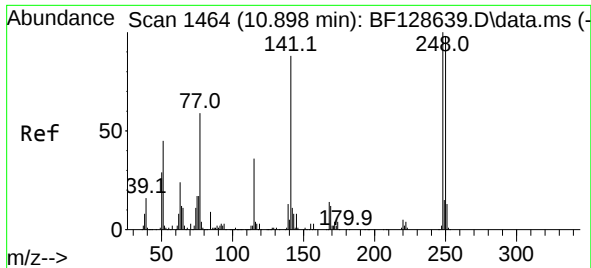
Tgt Ion:165 Resp: 15429
Ion Ratio Lower Upper
165 100
63 1.9 44.9 67.3#
89 1.8 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Tgt Ion:188 Resp: 175309
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 7.3 7.6 11.4#

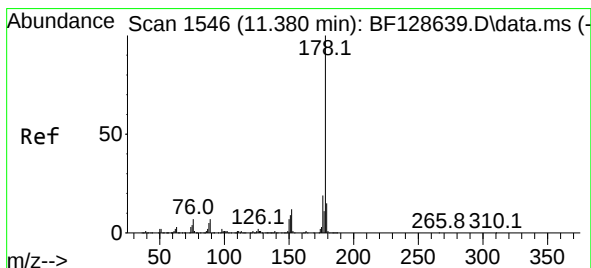
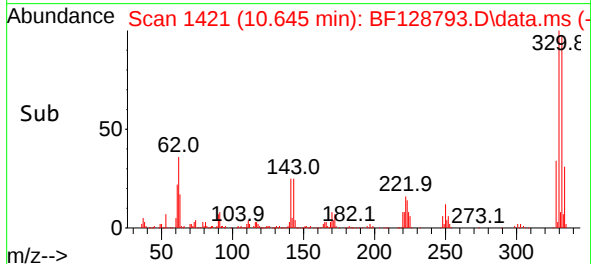
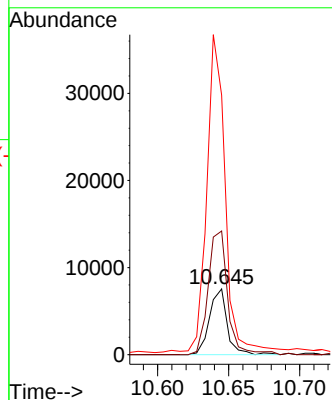
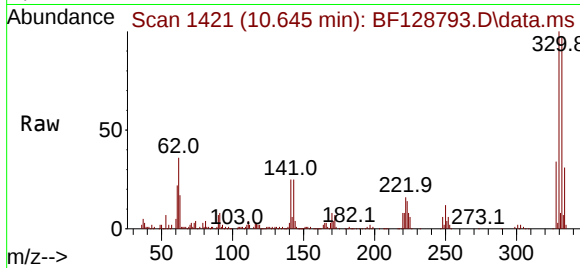




#67
4-Bromophenyl-phenylether
Concen: 3.378 ng
RT: 10.645 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

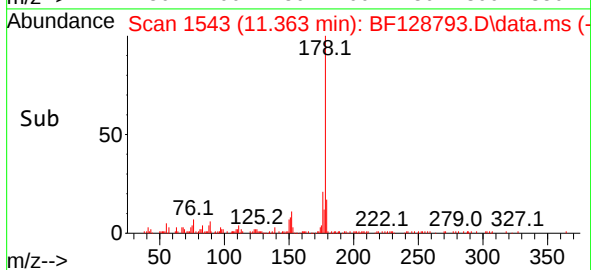
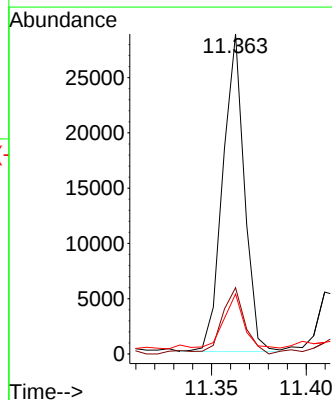
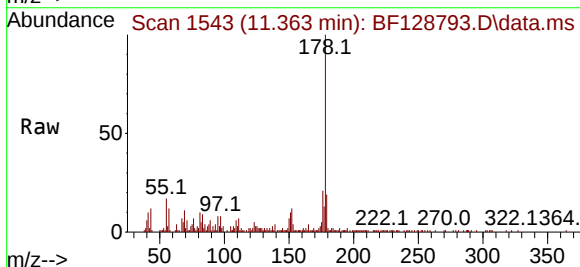
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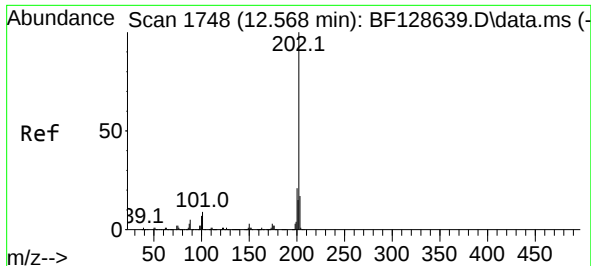
Tgt Ion:248 Resp: 6604
Ion Ratio Lower Upper
248 100
250 188.2 80.6 120.8#
141 394.9 58.9 88.3#



#71
Phenanthrene
Concen: 2.598 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Tgt Ion:178 Resp: 22845
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 18.8 12.6 19.0

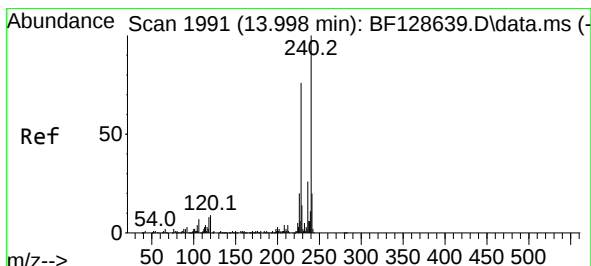
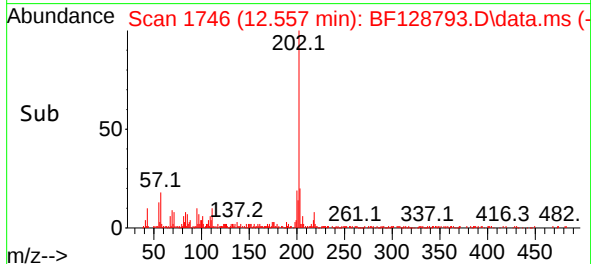
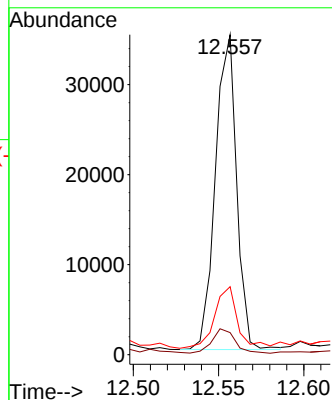
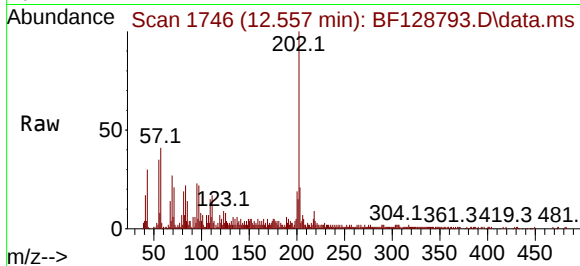




#75
Fluoranthene
Concen: 3.295 ng
RT: 12.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

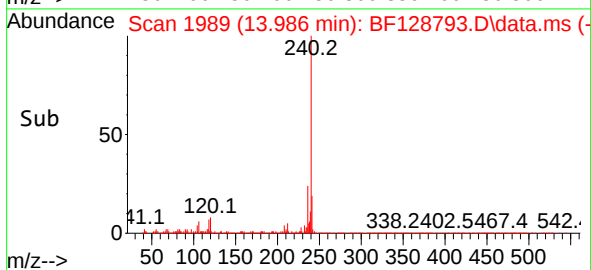
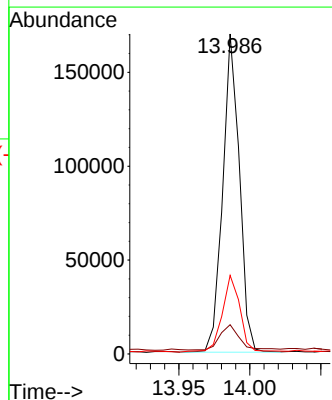
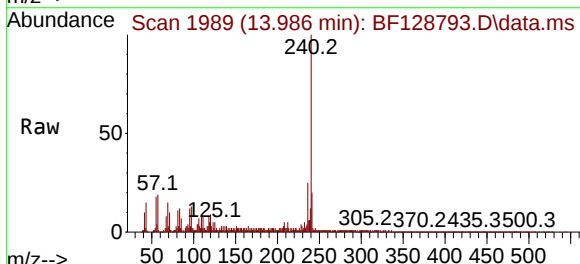
Instrument :
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ClientSampleId :
OK-03-060922

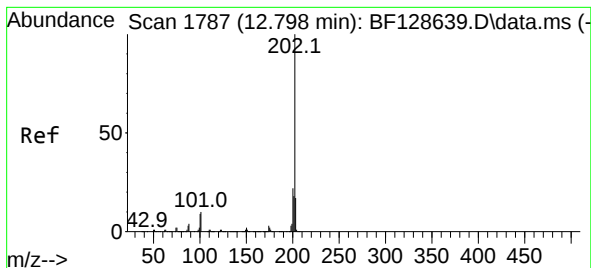
Tgt Ion:202 Resp: 30289
Ion Ratio Lower Upper
202 100
101 6.9 0.0 31.4
203 21.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Tgt Ion:240 Resp: 137909
Ion Ratio Lower Upper
240 100
120 9.2 8.9 13.3
236 24.6 20.8 31.2





#78

Pyrene

Concen: 4.290 ng

RT: 12.786 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128793.D

Acq: 13 Jun 2022 19:45

Instrument :

BNA_F

ClientSampleId :

OK-03-060922

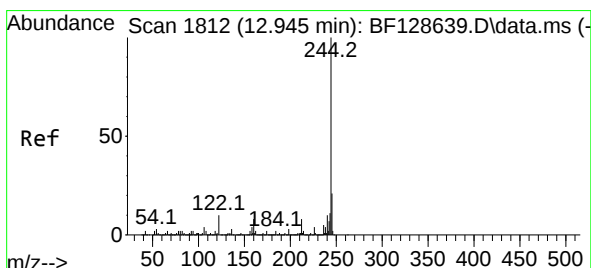
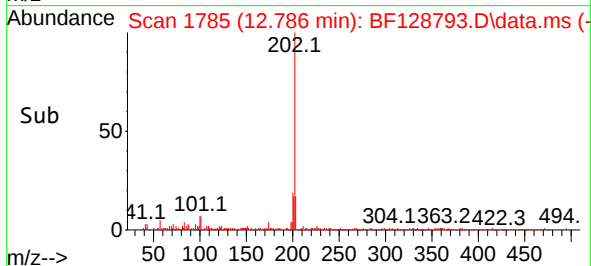
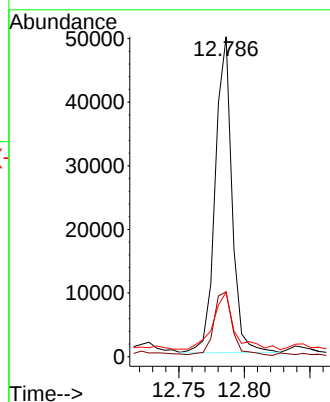
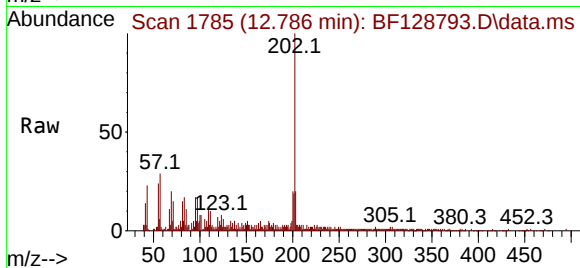
Tgt Ion:202 Resp: 44018

Ion Ratio Lower Upper

202 100

200 20.3 17.7 26.5

203 20.2 14.6 21.8



#79

Terphenyl-d14

Concen: 61.941 ng

RT: 12.927 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF128793.D

Acq: 13 Jun 2022 19:45

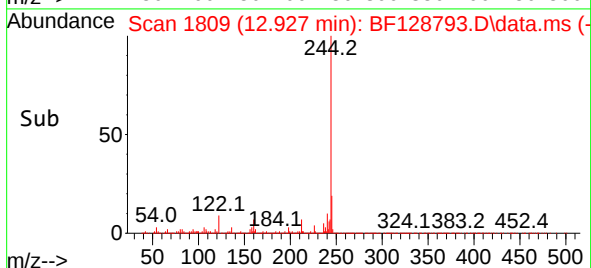
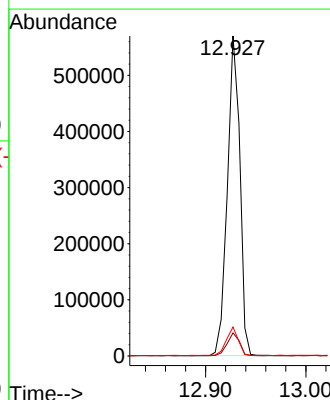
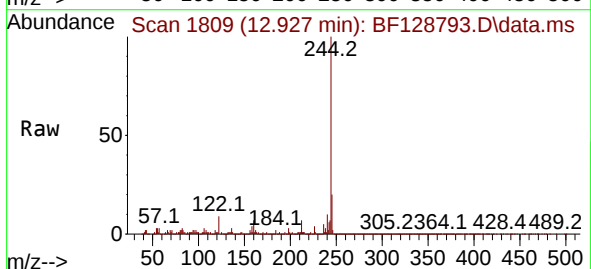
Tgt Ion:244 Resp: 491601

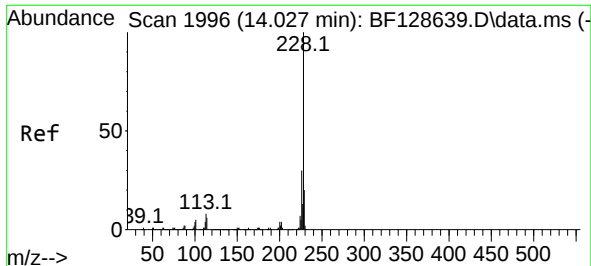
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 9.0 8.8 13.2





#83

Chrysene

Concen: 2.298 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.006 min

Lab File: BF128793.D

Acq: 13 Jun 2022 19:45

Instrument :

BNA_F

ClientSampleId :

OK-03-060922

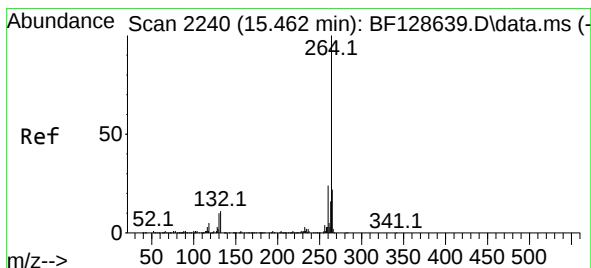
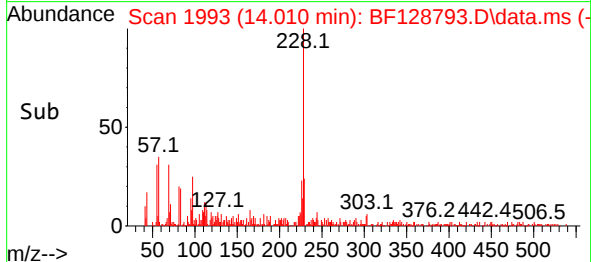
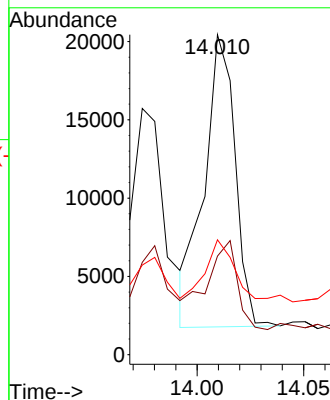
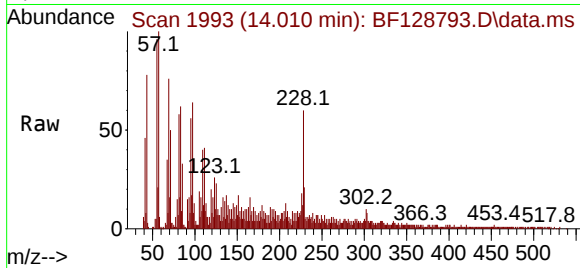
Tgt Ion:228 Resp: 18832

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 35.9 15.9 23.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2240

Delta R.T. 0.017 min

Lab File: BF128793.D

Acq: 13 Jun 2022 19:45

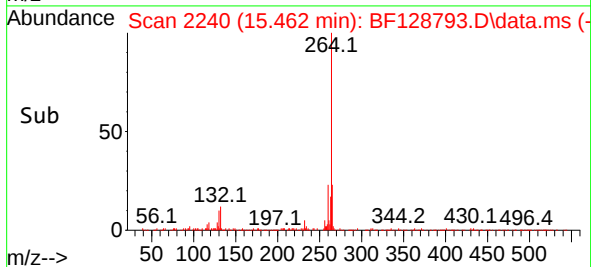
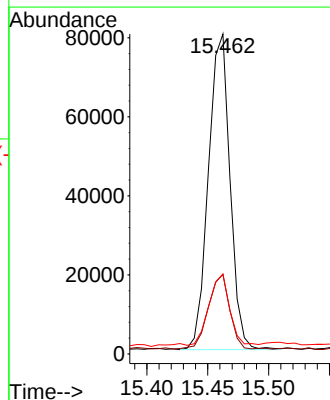
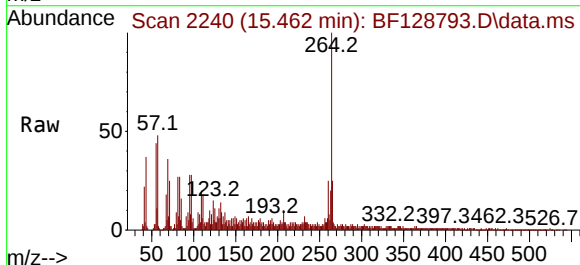
Tgt Ion:264 Resp: 98859

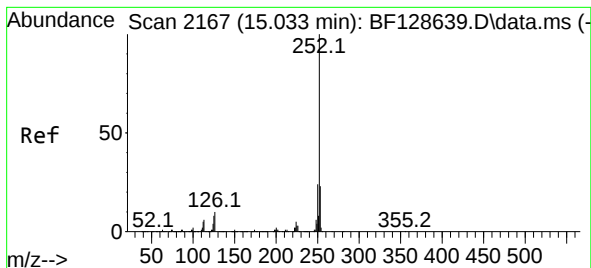
Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 24.9 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.157 ng

RT: 15.027 min Scan# 2166

Delta R.T. 0.006 min

Lab File: BF128793.D

Acq: 13 Jun 2022 19:45

Instrument :

BNA_F

ClientSampleId :

OK-03-060922

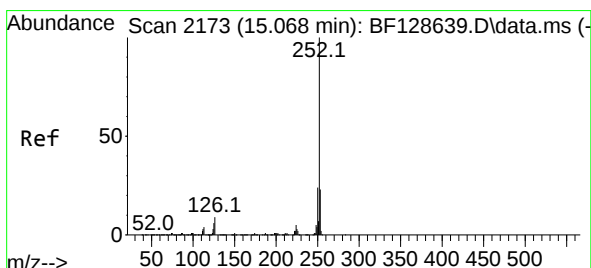
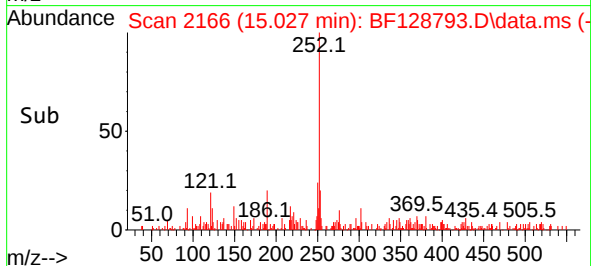
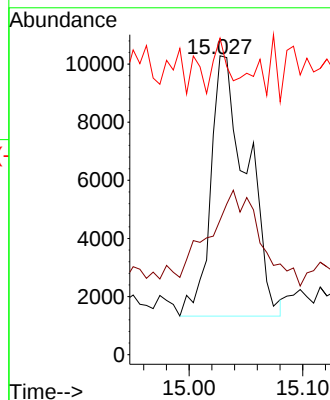
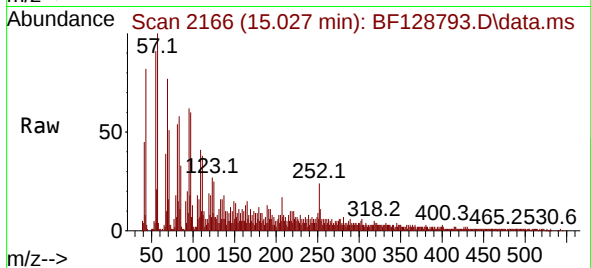
Tgt Ion:252 Resp: 19944

Ion Ratio Lower Upper

252 100

253 45.0 17.7 26.5#

125 105.9 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 3.356 ng

RT: 15.027 min Scan# 2166

Delta R.T. -0.024 min

Lab File: BF128793.D

Acq: 13 Jun 2022 19:45

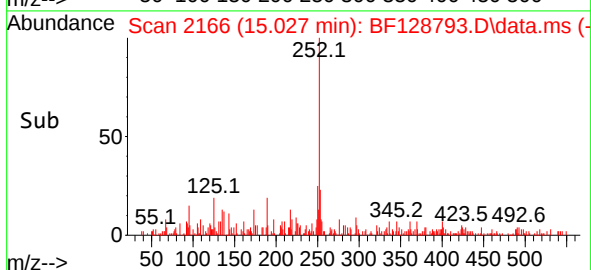
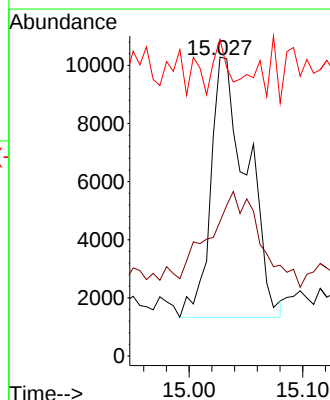
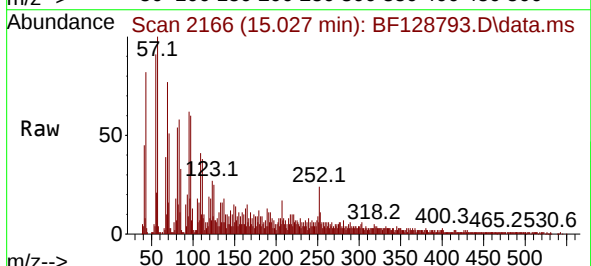
Tgt Ion:252 Resp: 19944

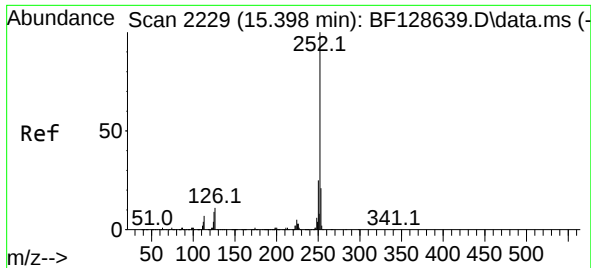
Ion Ratio Lower Upper

252 100

253 45.0 17.8 26.6#

125 105.9 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 2.253 ng
RT: 15.398 min Scan# 211
Delta R.T. 0.011 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Instrument :
BNA_F
ClientSampleId :
OK-03-060922

Tgt Ion:252 Resp: 11188
Ion Ratio Lower Upper
252 100
253 39.1 17.0 25.6#
125 94.5 8.8 13.2#

