

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128845.D
 Acq On : 16 Jun 2022 18:01
 Operator : CG\JU
 Sample : N3364-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-061522

Quant Time: Jun 17 02:23:40 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)

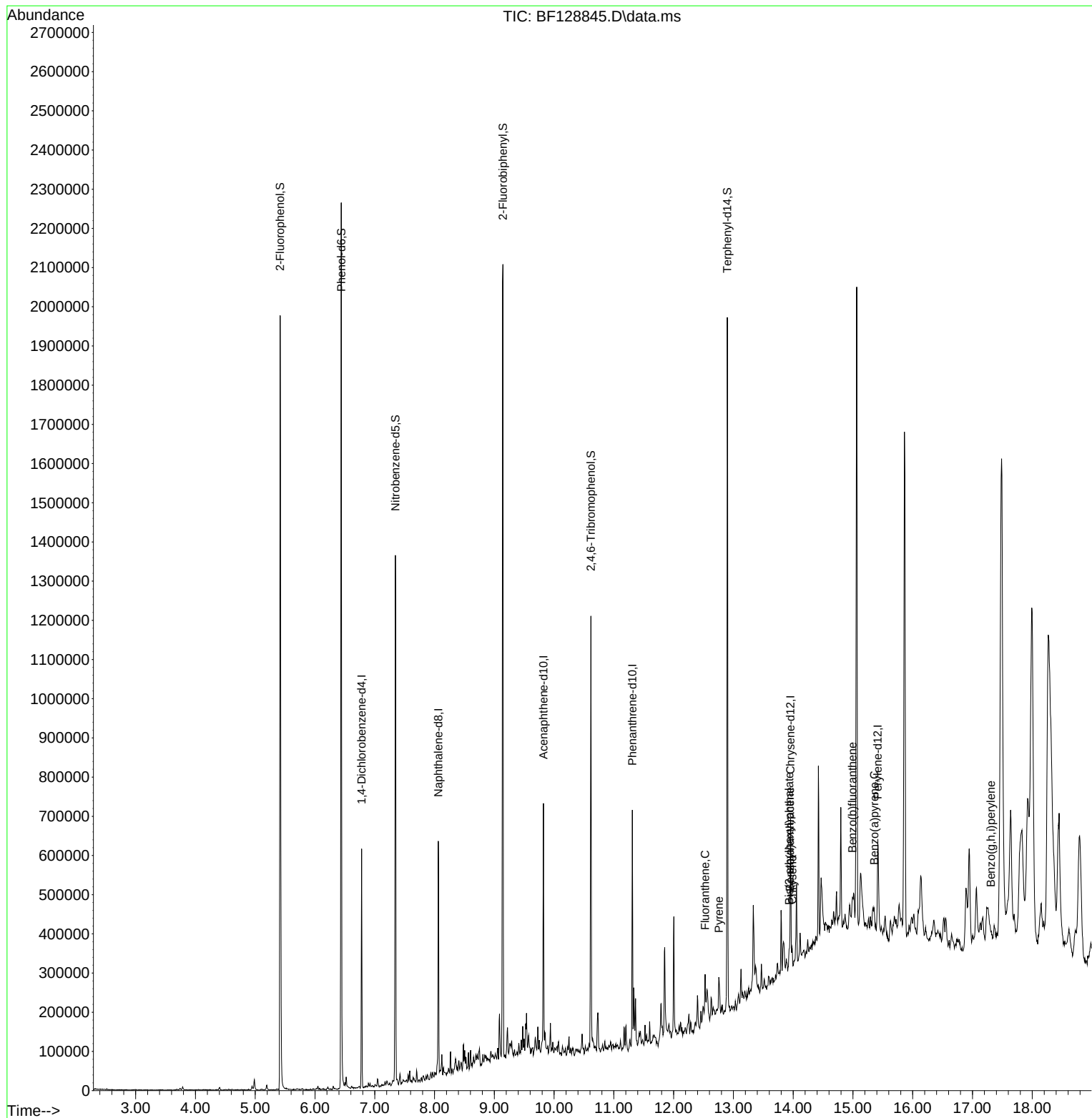
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	74560	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	225825	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	108874	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	190556	20.000	ng	0.00
76) Chrysene-d12	13.957	240	117033	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	86230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	486315	103.892	ng	0.00
7) Phenol-d6	6.440	99	612798	107.246	ng	0.00
23) Nitrobenzene-d5	7.345	82	423866	87.389	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	123602	96.084	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	623258	80.190	ng	0.00
79) Terphenyl-d14	12.898	244	578994	85.966	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.527	202	45137	4.518	ng	95
78) Pyrene	12.757	202	35147	4.037	ng	95
81) Benzo(a)anthracene	13.945	228	17544	2.405	ng	# 84
83) Chrysene	13.986	228	23978	3.448	ng	# 95
84) Bis(2-ethylhexyl)phtha...	13.933	149	13387	2.816	ng	# 89
88) Benzo(b)fluoranthene	14.992	252	24693m	4.481	ng	
90) Benzo(a)pyrene	15.357	252	12316	2.844	ng	# 72
92) Benzo(g,h,i)perylene	17.309	276	9560	2.237	ng	# 71

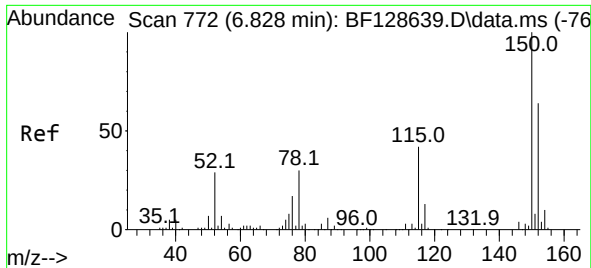
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
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BNA_F
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OK-02-061522

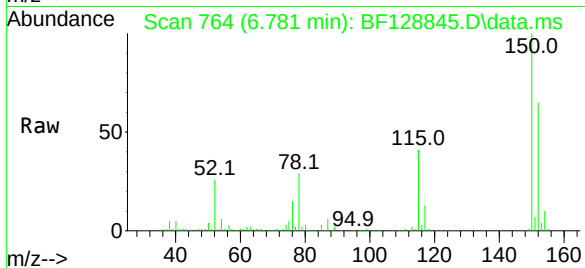
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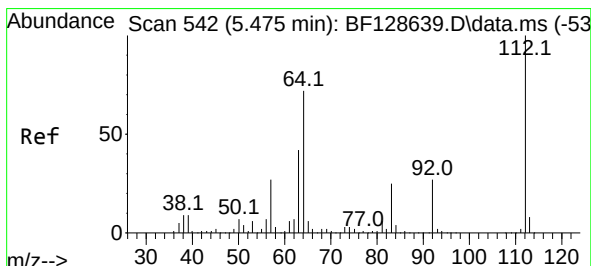
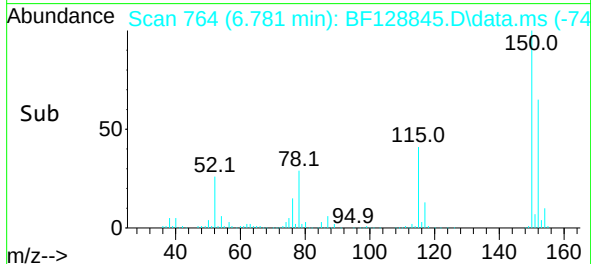
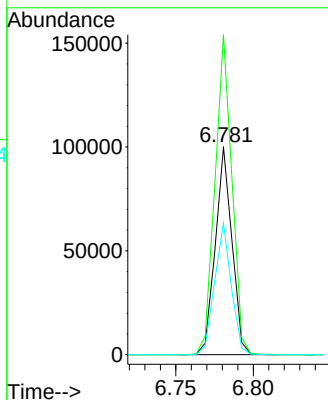


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Instrument :
BNA_F
ClientSampleId :
OK-02-061522

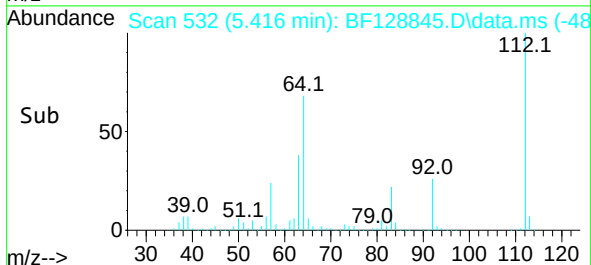
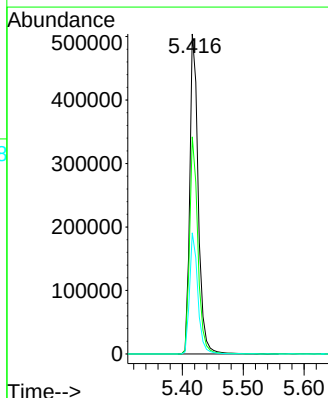
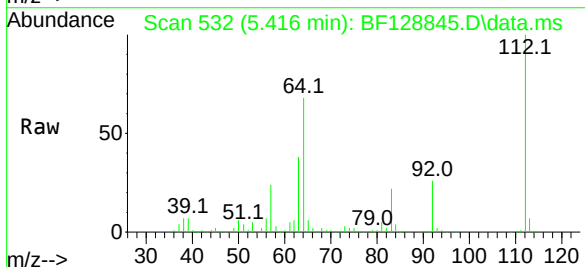


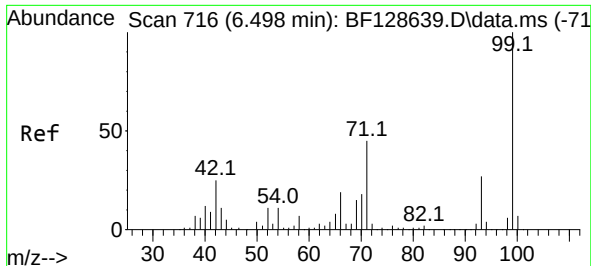
Tgt Ion:152 Resp: 74560
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 103.892 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:112 Resp: 486315
Ion Ratio Lower Upper
112 100
64 67.8 53.3 79.9
63 37.9 28.0 42.0

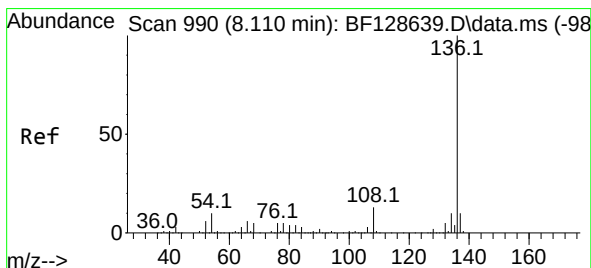
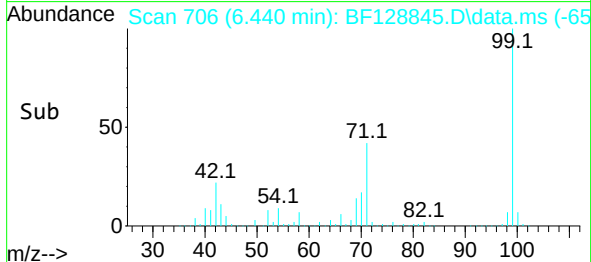
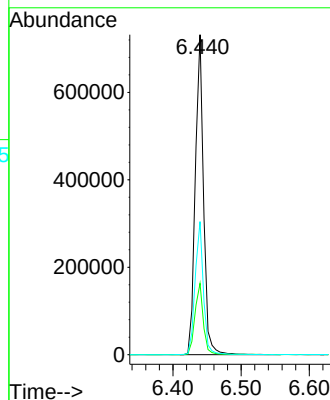
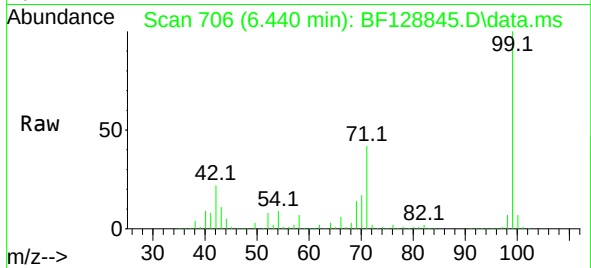




#7
Phenol-d6
Concen: 107.246 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

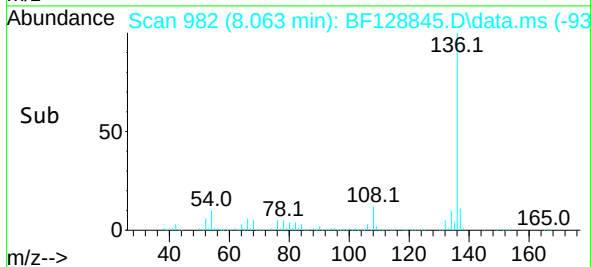
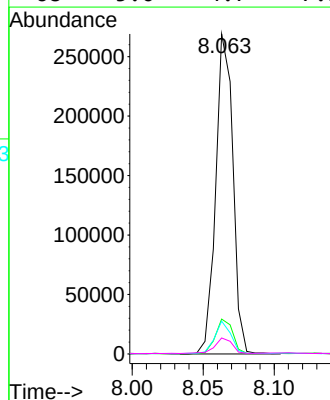
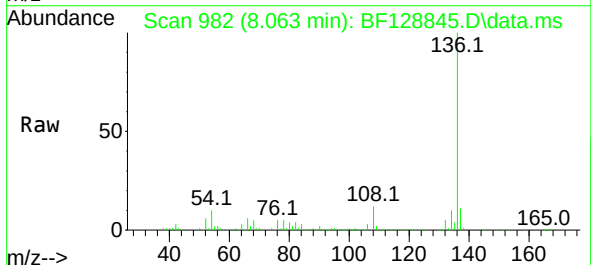
Instrument :
BNA_F
ClientSampleId :
OK-02-061522

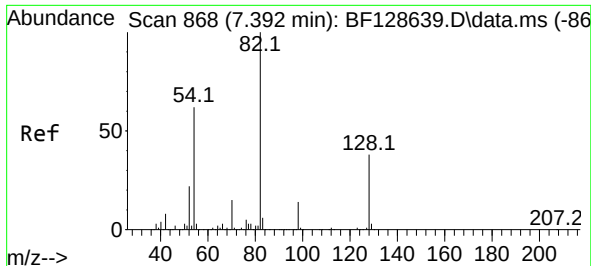
Tgt Ion: 99 Resp: 612798
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 41.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion: 136 Resp: 225825
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.2 7.5 11.3
68 5.0 4.7 7.1





#23

Nitrobenzene-d5

Concen: 87.389 ng

RT: 7.345 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF128845.D

Acq: 16 Jun 2022 18:01

Instrument :

BNA_F

ClientSampleId :

OK-02-061522

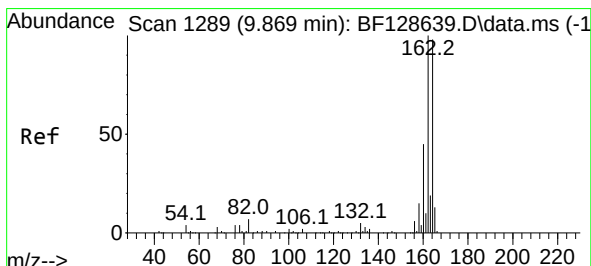
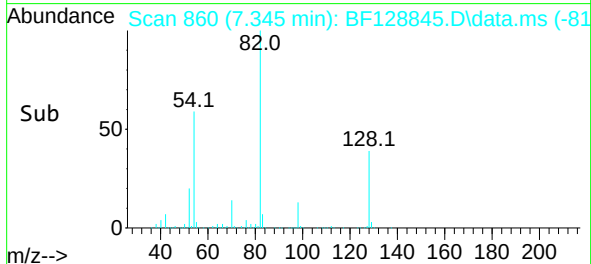
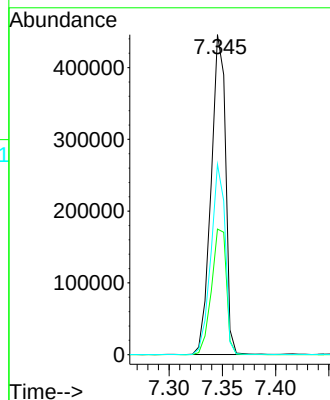
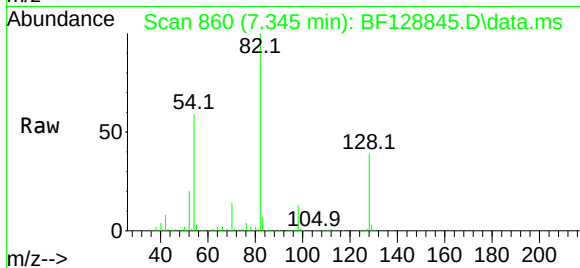
Tgt Ion: 82 Resp: 423866

Ion Ratio Lower Upper

82 100

128 39.2 34.0 51.0

54 59.5 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF128845.D

Acq: 16 Jun 2022 18:01

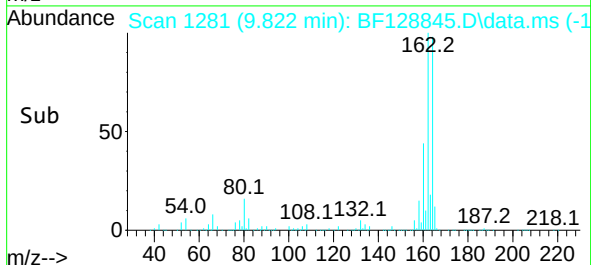
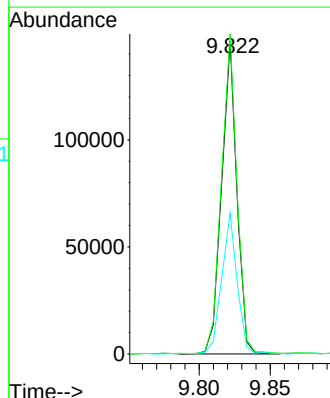
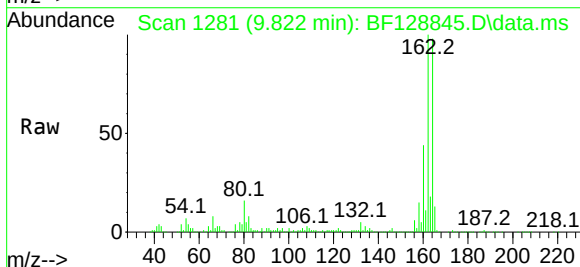
Tgt Ion:164 Resp: 108874

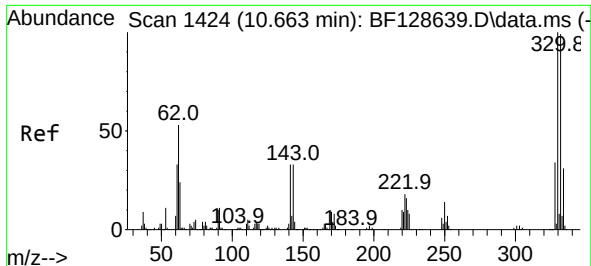
Ion Ratio Lower Upper

164 100

162 102.2 79.5 119.3

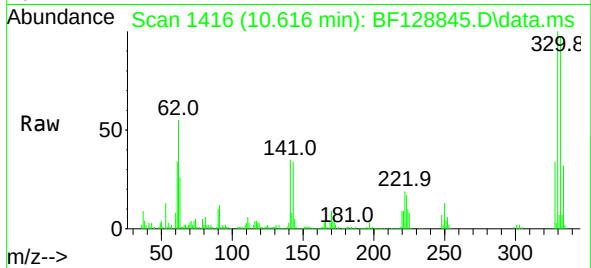
160 45.0 34.2 51.4



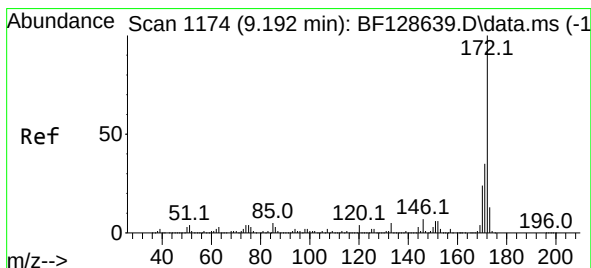
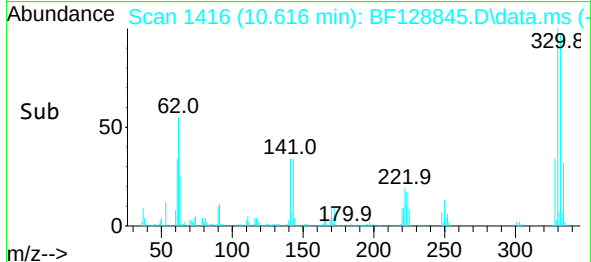
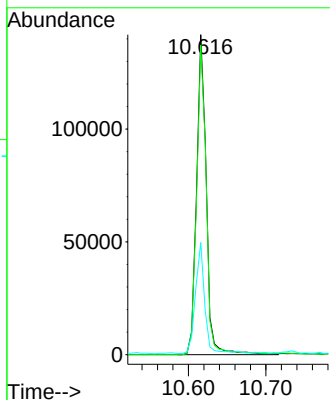


#42
2,4,6-Tribromophenol
Concen: 96.084 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Instrument :
BNA_F
ClientSampleId :
OK-02-061522

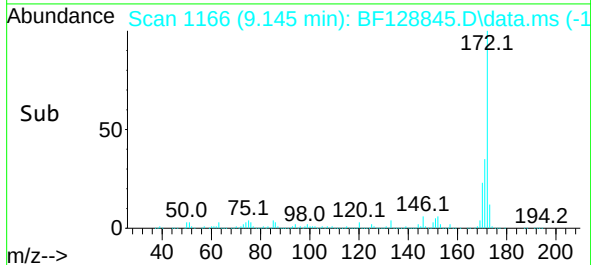
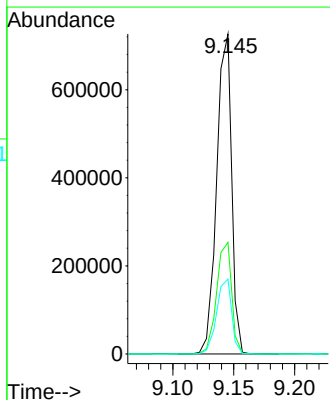
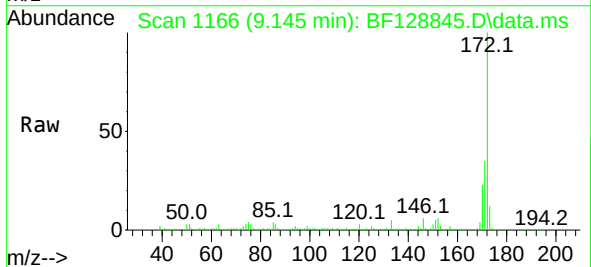


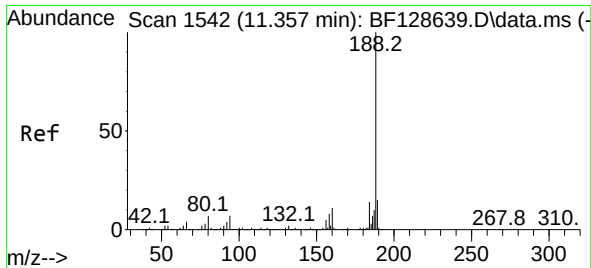
Tgt Ion:330 Resp: 123602
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 32.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 80.190 ng
RT: 9.145 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:172 Resp: 623258
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.4 19.8 29.8

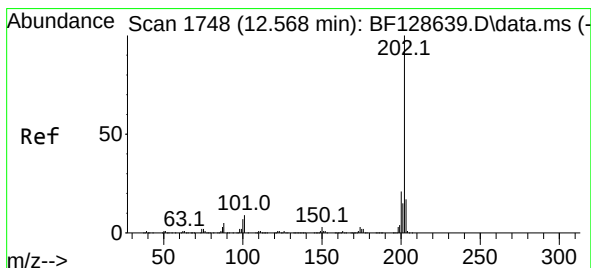
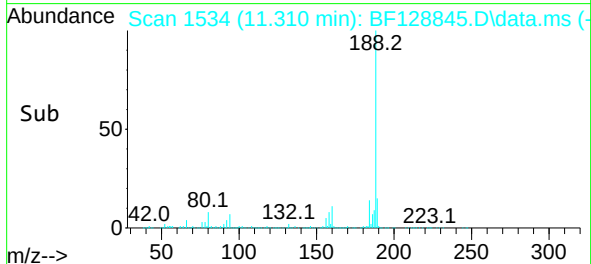
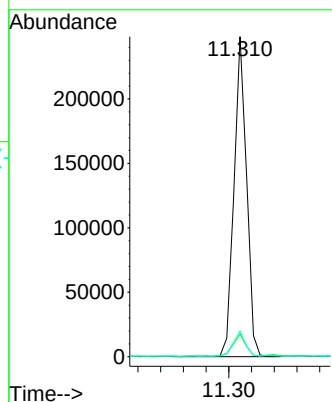
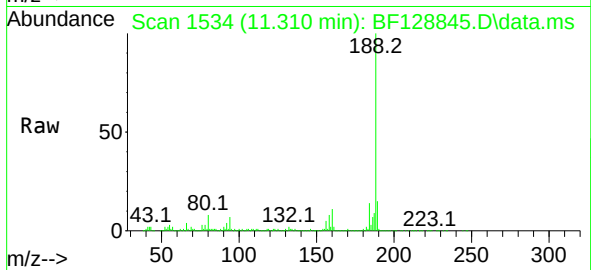




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

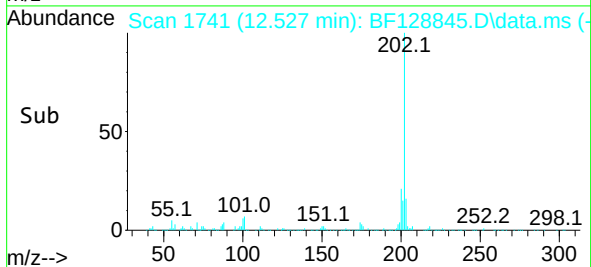
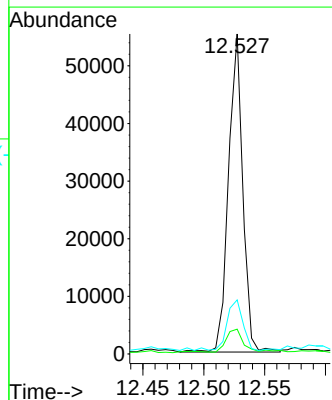
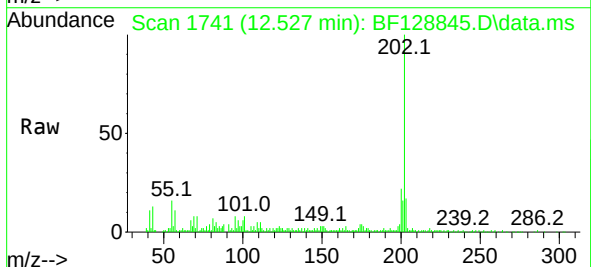
Instrument :
BNA_F
ClientSampleId :
OK-02-061522

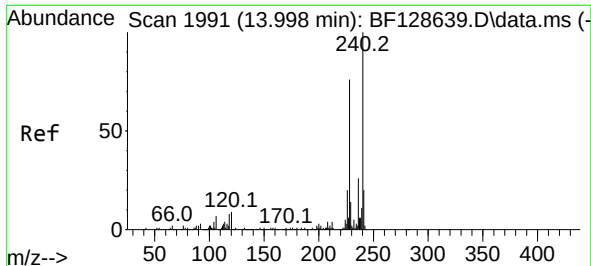
Tgt Ion:188 Resp: 190556
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 8.0 7.6 11.4



#75
Fluoranthene
Concen: 4.518 ng
RT: 12.527 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:202 Resp: 45137
Ion Ratio Lower Upper
202 100
101 7.8 0.0 31.4
203 16.9 0.0 38.0

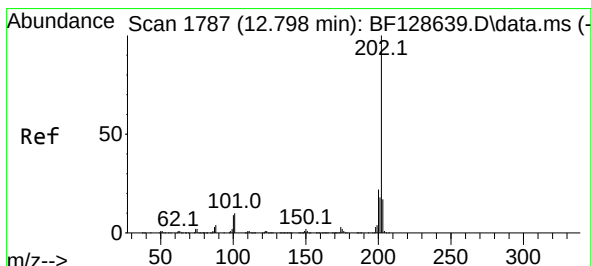
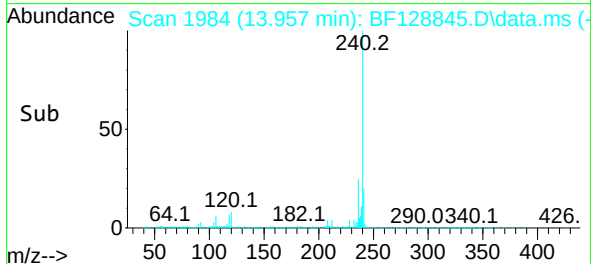
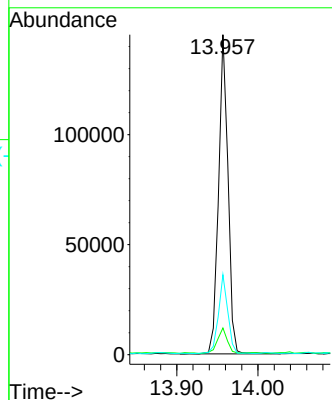
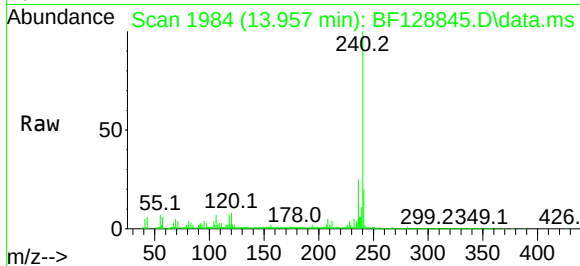




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

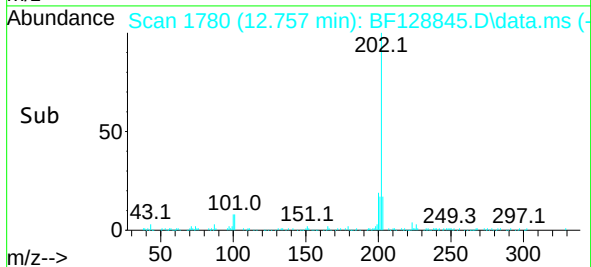
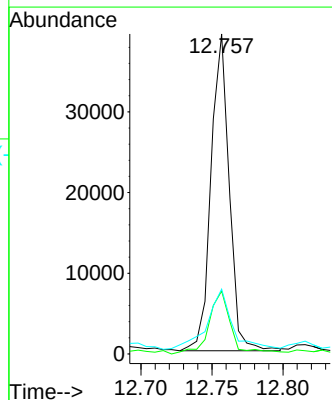
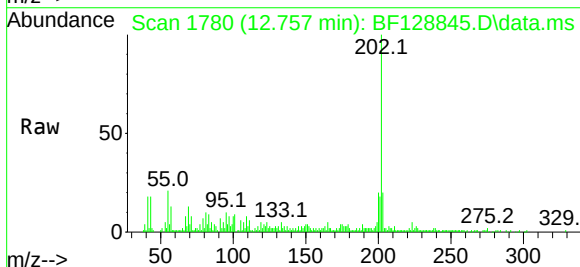
Instrument :
BNA_F
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OK-02-061522

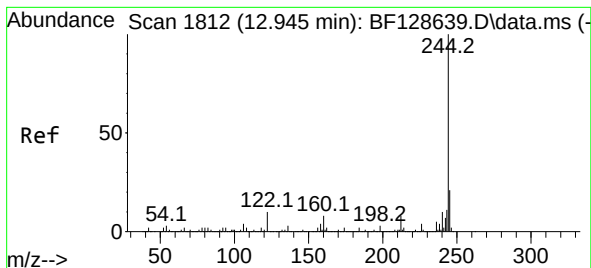
Tgt Ion:240 Resp: 117033
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 25.0 20.8 31.2



#78
Pyrene
Concen: 4.037 ng
RT: 12.757 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:202 Resp: 35147
Ion Ratio Lower Upper
202 100
200 19.7 17.7 26.5
203 20.2 14.6 21.8





#79

Terphenyl-d14

Concen: 85.966 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128845.D

Acq: 16 Jun 2022 18:01

Instrument :

BNA_F

ClientSampleId :

OK-02-061522

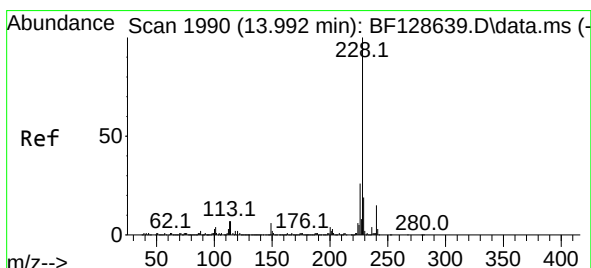
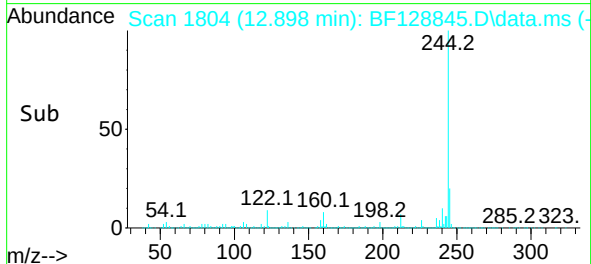
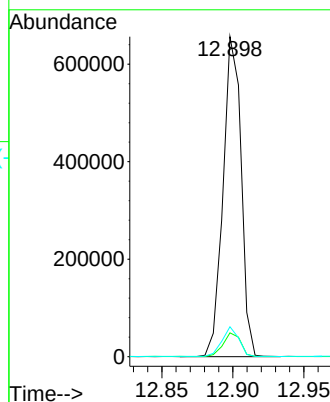
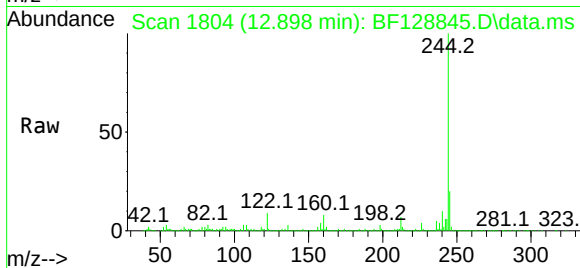
Tgt Ion:244 Resp: 578994

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 9.3 8.8 13.2



#81

Benzo(a)anthracene

Concen: 2.405 ng

RT: 13.945 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BF128845.D

Acq: 16 Jun 2022 18:01

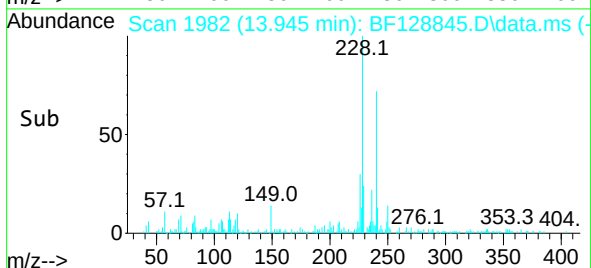
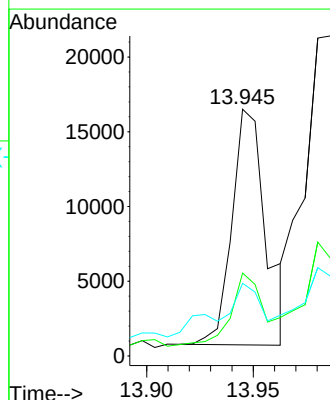
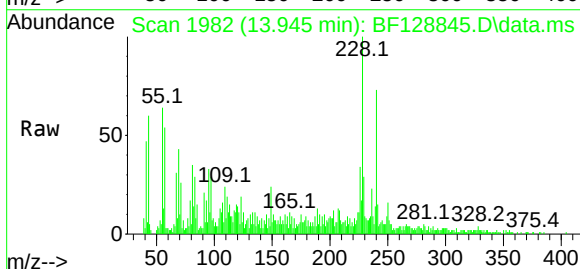
Tgt Ion:228 Resp: 17544

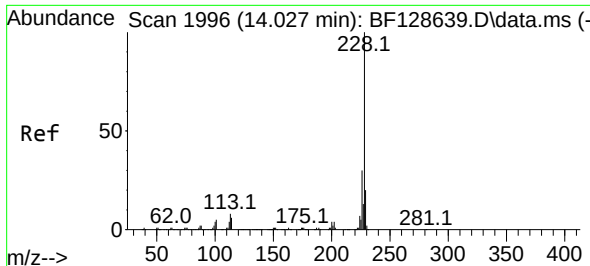
Ion Ratio Lower Upper

228 100

226 33.6 22.1 33.1#

229 29.5 15.8 23.8#

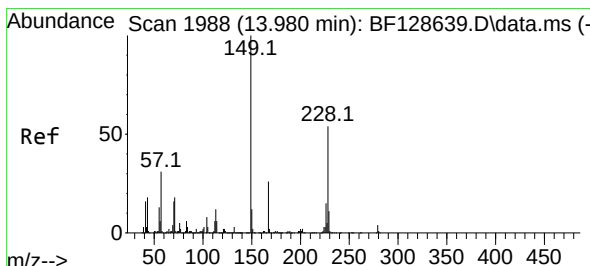
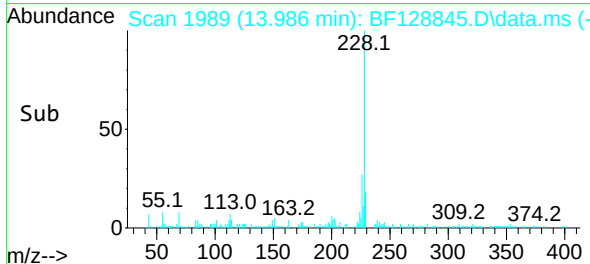
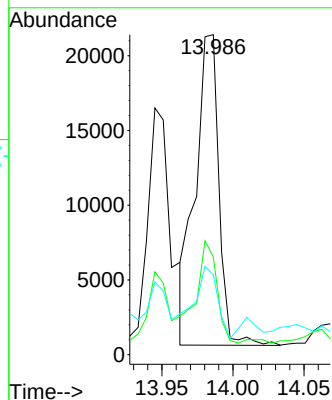
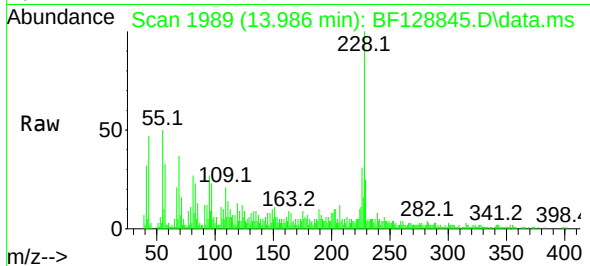




#83
Chrysene
Concen: 3.448 ng
RT: 13.986 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

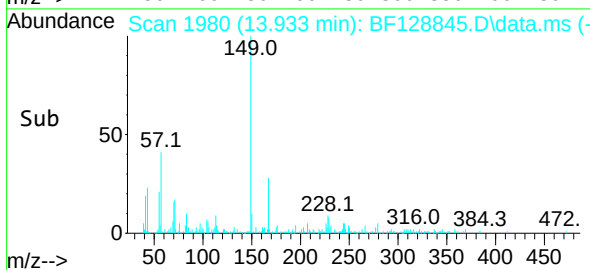
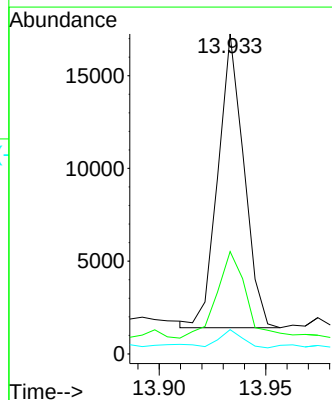
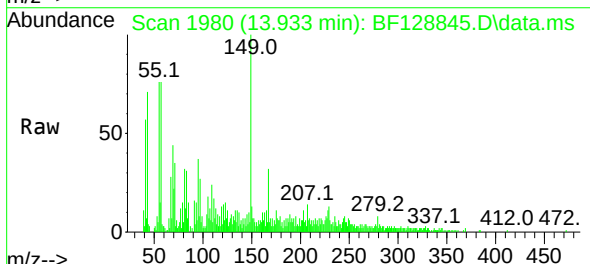
Instrument :
BNA_F
ClientSampleId :
OK-02-061522

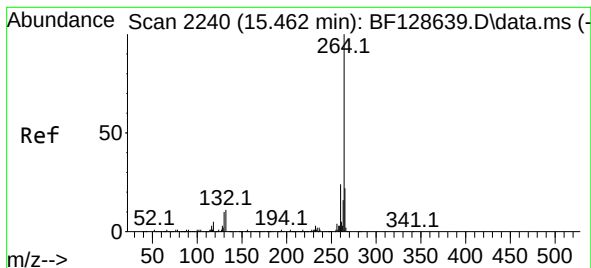
Tgt Ion:228 Resp: 23978
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 25.0 15.9 23.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.816 ng
RT: 13.933 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:149 Resp: 13387
Ion Ratio Lower Upper
149 100
167 32.0 21.0 31.4#
279 7.6 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128845.D

Acq: 16 Jun 2022 18:01

Instrument :

BNA_F

ClientSampleId :

OK-02-061522

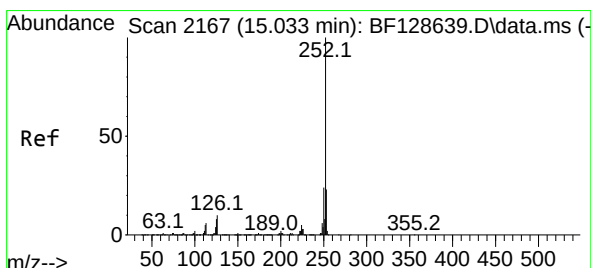
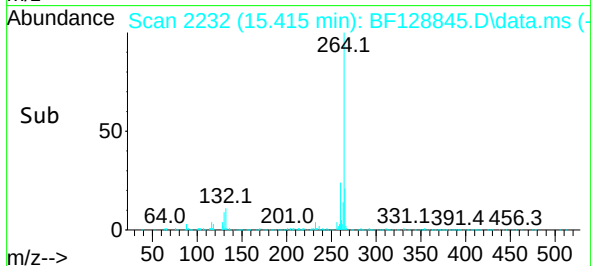
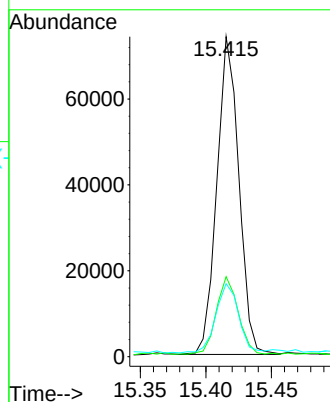
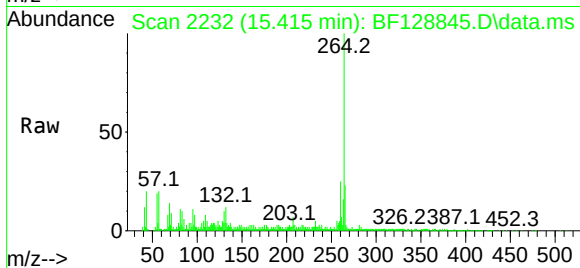
Tgt Ion:264 Resp: 86230

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 22.8 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 4.481 ng m

RT: 14.992 min Scan# 2160

Delta R.T. 0.000 min

Lab File: BF128845.D

Acq: 16 Jun 2022 18:01

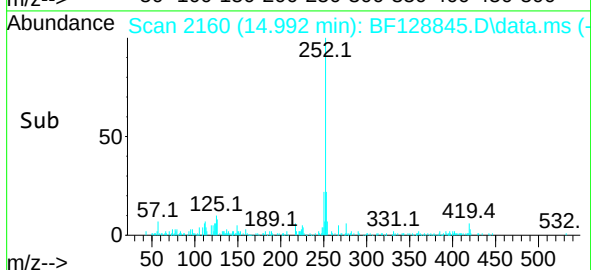
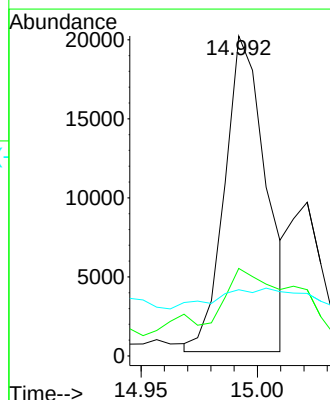
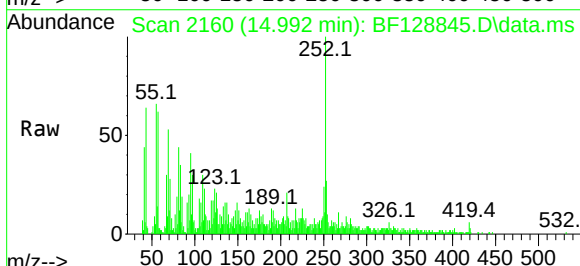
Tgt Ion:252 Resp: 24693

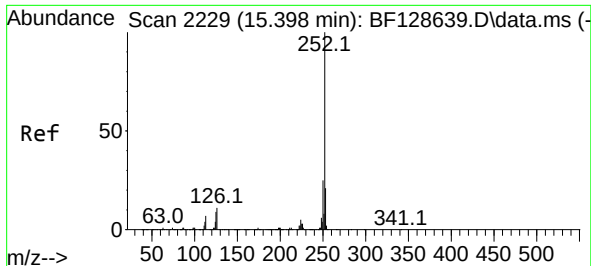
Ion Ratio Lower Upper

252 100

253 27.4 17.7 26.5#

125 20.7 8.0 12.0#

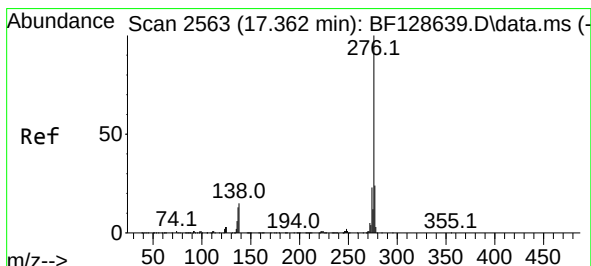
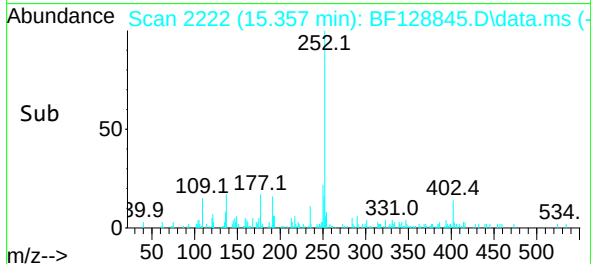
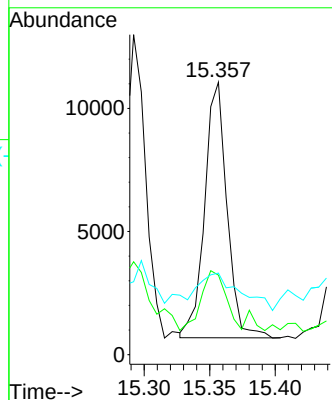
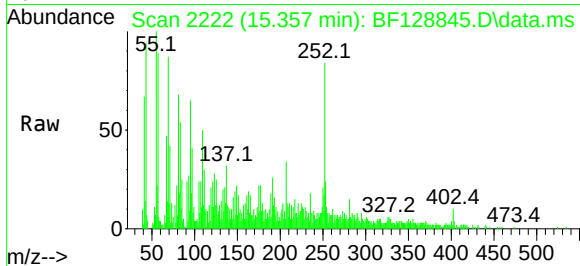




#90
Benzo(a)pyrene
Concen: 2.844 ng
RT: 15.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Instrument :
BNA_F
ClientSampleId :
OK-02-061522

Tgt Ion:252 Resp: 12316
Ion Ratio Lower Upper
252 100
253 29.2 17.0 25.6#
125 29.9 8.8 13.2#



#92
Benzo(g,h,i)perylene
Concen: 2.237 ng
RT: 17.309 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:276 Resp: 9560
Ion Ratio Lower Upper
276 100
277 40.2 19.1 28.7#
138 33.9 18.0 27.0#

