

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122858.D
 Acq On : 24 Dec 2020 16:41
 Operator : JU/CG
 Sample : L5198-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-122320

Quant Time: Dec 24 17:10:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

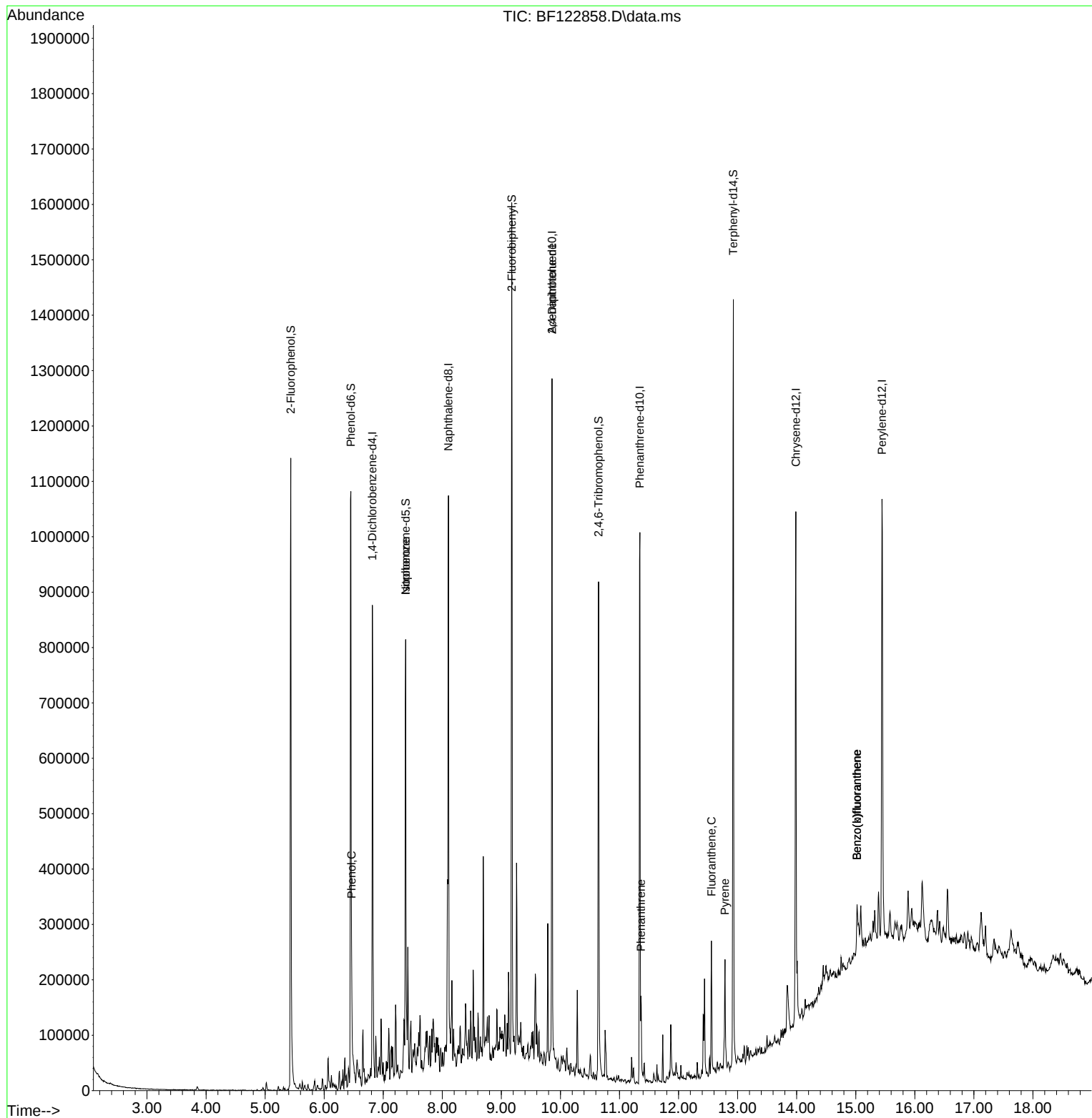
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	131023	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	458355	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	247362	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	415632	20.00	ng	0.00
76) Chrysene-d12	13.986	240	332910	20.00	ng	0.00
86) Perylene-d12	15.445	264	392453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	367138	44.36	ng	0.00
7) Phenol-d6	6.451	99	433512	39.50	ng	0.00
23) Nitrobenzene-d5	7.381	82	262177	28.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	128433	39.67	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	475606	26.01	ng	-0.01
79) Terphenyl-d14	12.927	244	457228	24.04	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.463	94	50316	4.42	ng	91
25) Isophorone	7.381	82	262177	16.64	ng	# 65
57) 2,4-Dinitrotoluene	9.857	165	32153	5.79	ng	# 26
71) Phenanthrene	11.363	178	51303	2.08	ng	97
75) Fluoranthene	12.557	202	94495	3.65	ng	97
78) Pyrene	12.786	202	80500	3.13	ng	99
88) Benzo(b)fluoranthene	15.021	252	64542	2.34	ng	# 91
89) Benzo(k)fluoranthene	15.021	252	64542	2.56	ng	# 91

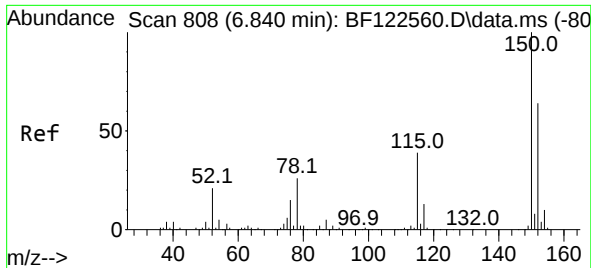
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EO-03-122320

Quant Time: Dec 24 17:10:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

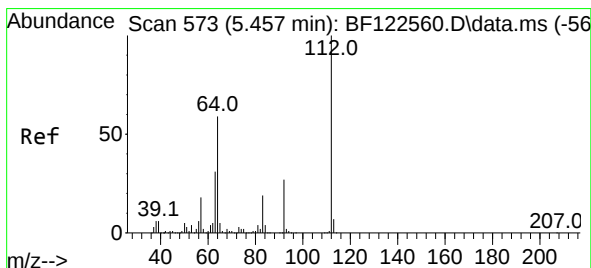
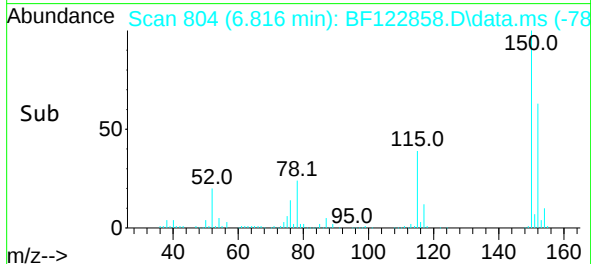
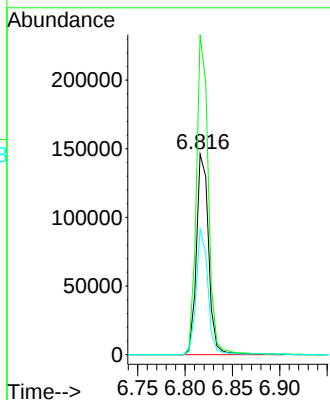
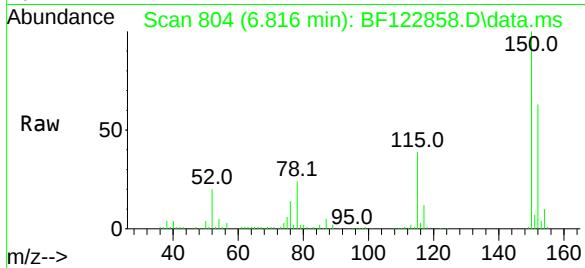




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

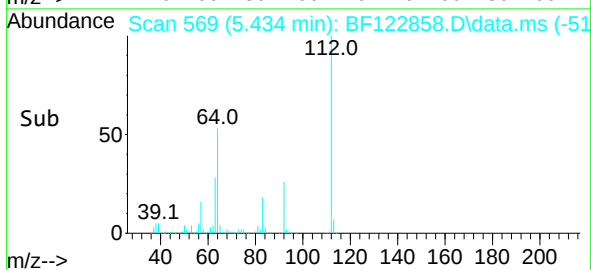
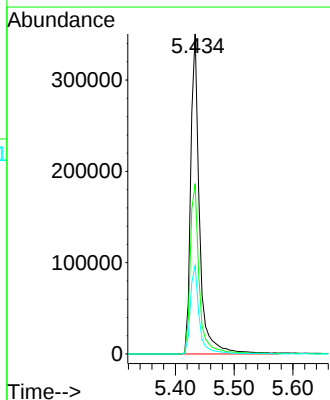
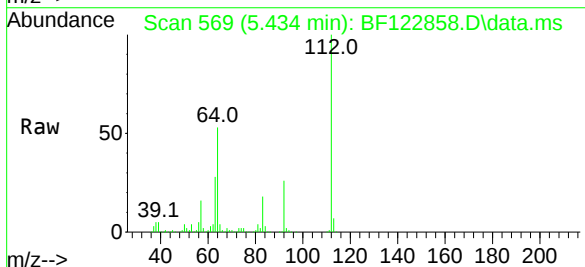
Instrument :
BNA_F
ClientSampleId :
EO-03-122320

Tgt Ion:152 Resp: 131023
Ion Ratio Lower Upper
152 100
150 159.6 125.8 188.6
115 62.5 49.3 73.9



#5
2-Fluorophenol
Concen: 44.36 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

Tgt Ion:112 Resp: 367138
Ion Ratio Lower Upper
112 100
64 53.2 46.9 70.3
63 27.6 24.5 36.7

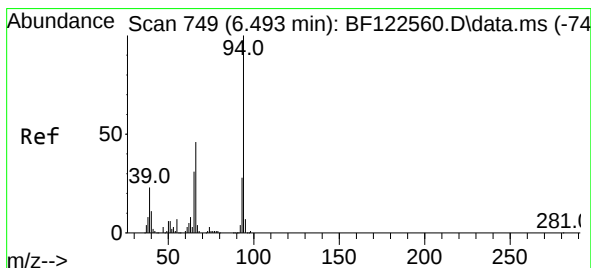
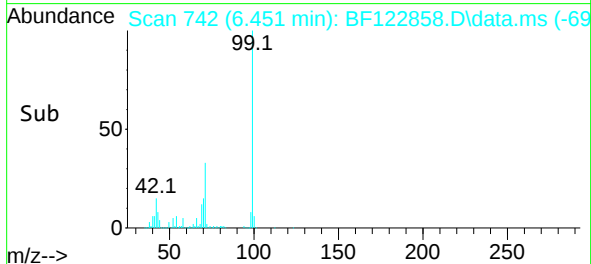
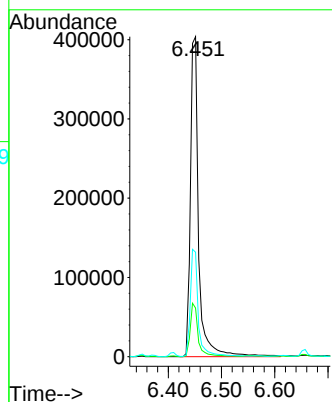
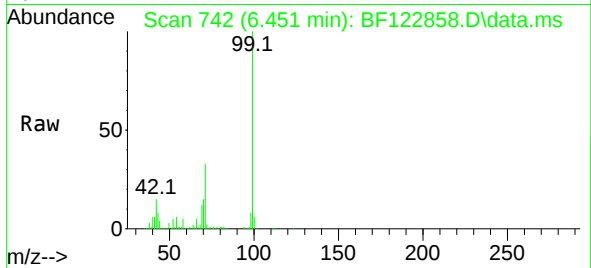




#7
Phenol-d6
Concen: 39.50 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

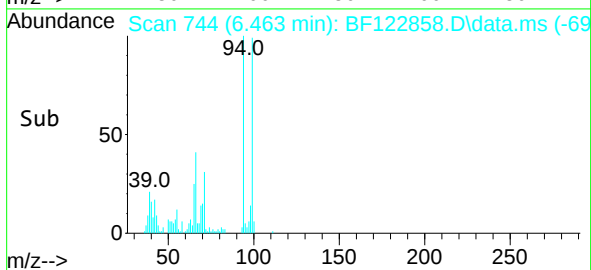
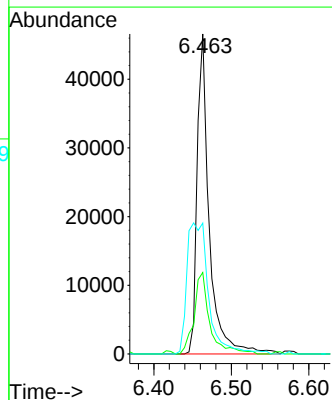
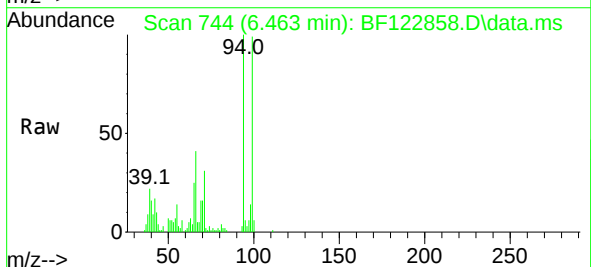
Instrument :
BNA_F
ClientSampleId :
EO-03-122320

Tgt Ion: 99 Resp: 433512
Ion Ratio Lower Upper
99 100
42 15.2 13.8 20.6
71 32.6 26.9 40.3



#10
Phenol
Concen: 4.42 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

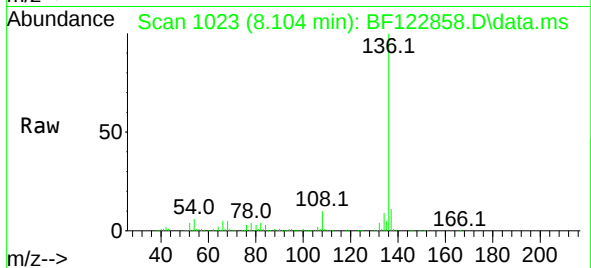
Tgt Ion: 94 Resp: 50316
Ion Ratio Lower Upper
94 100
65 25.5 11.2 51.2
66 40.9 25.8 65.8



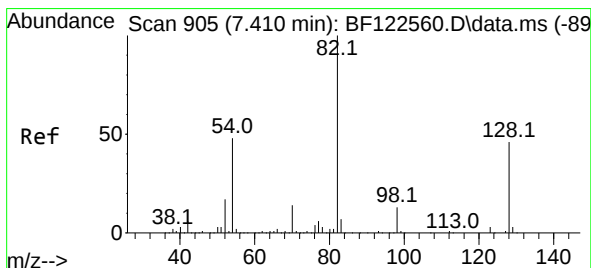
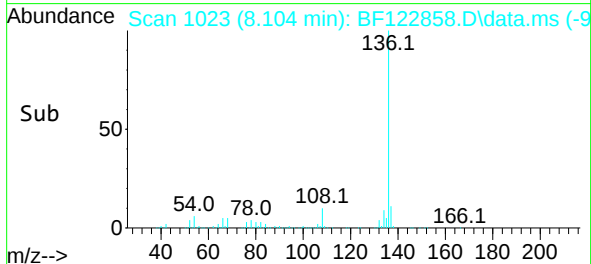
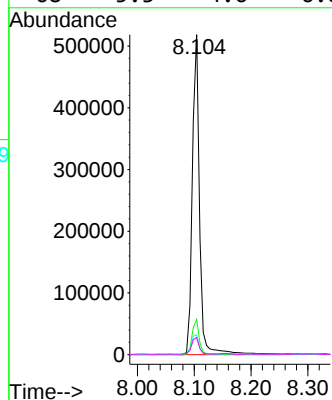


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

Instrument :
BNA_F
ClientSampleId :
EO-03-122320

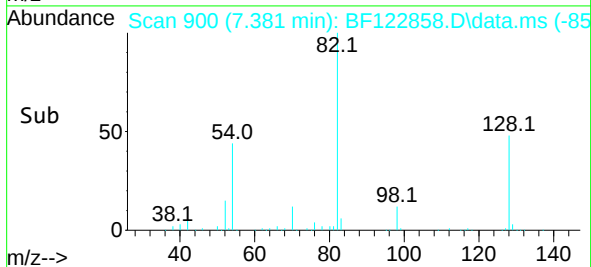
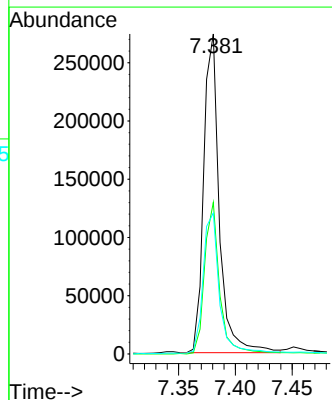
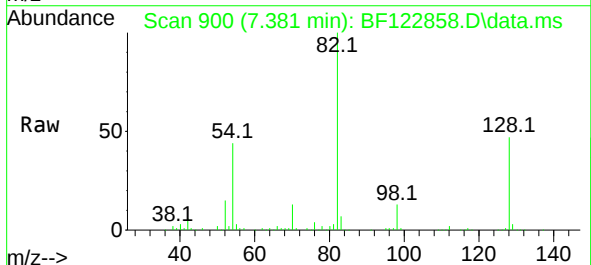


Tgt Ion:136 Resp: 458355
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.2 5.5 8.3
68 5.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 28.66 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

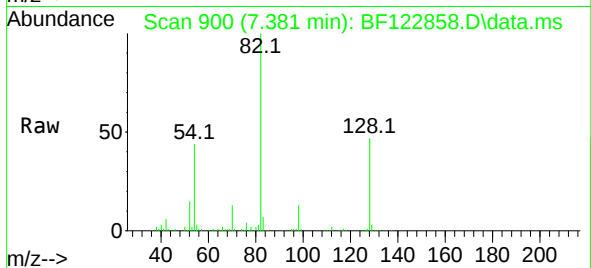
Tgt Ion: 82 Resp: 262177
Ion Ratio Lower Upper
82 100
128 47.3 37.0 55.4
54 44.0 38.4 57.6



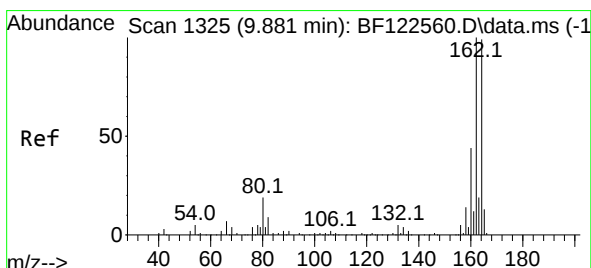
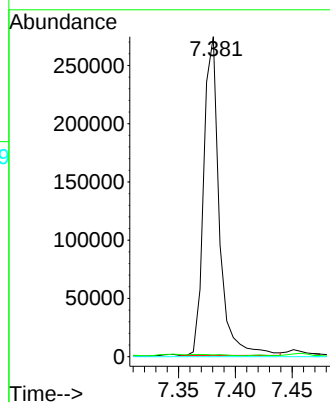
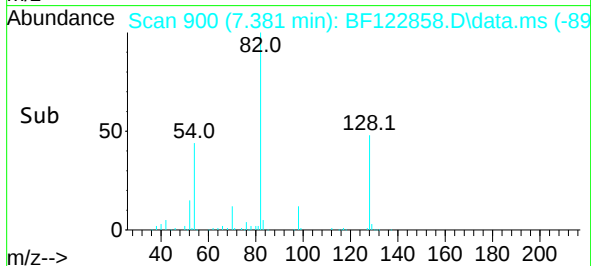


#25
Isophorone
Concen: 16.64 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

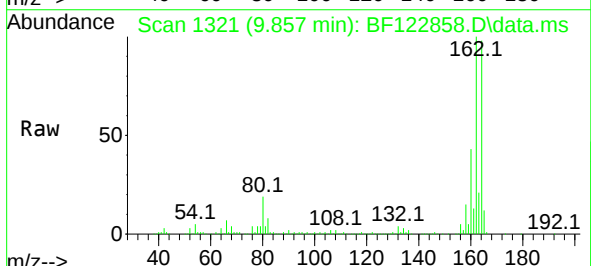
Instrument :
BNA_F
ClientSampleId :
EO-03-122320



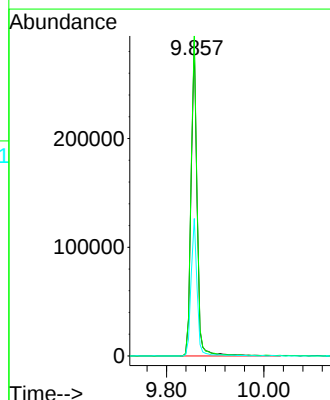
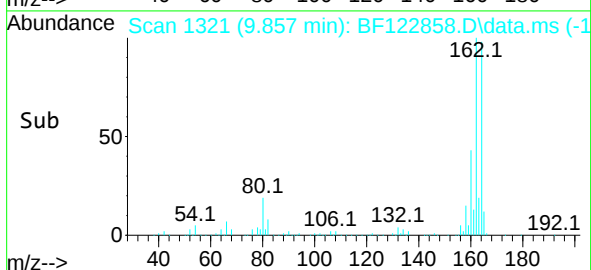
Tgt Ion: 82 Resp: 262177
Ion Ratio Lower Upper
82 100
95 0.5 5.8 8.6#
138 0.0 14.6 21.8#

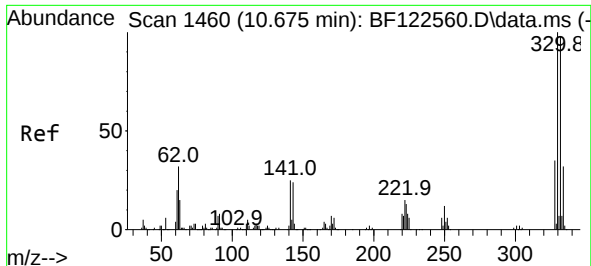


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41



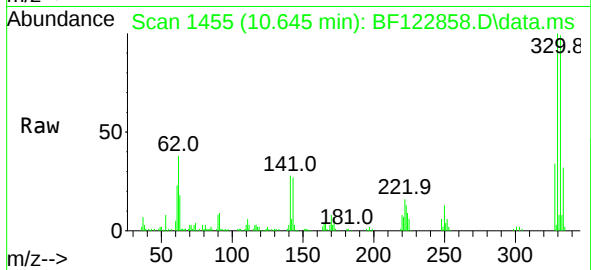
Tgt Ion: 164 Resp: 247362
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 43.7 35.4 53.0



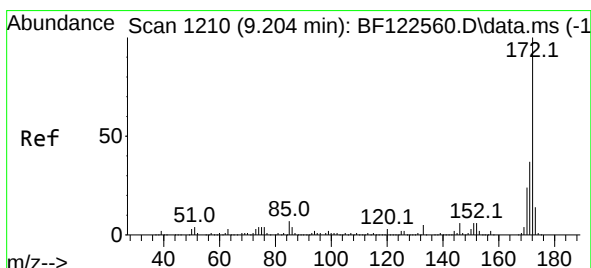
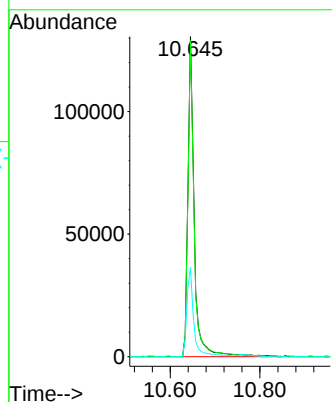
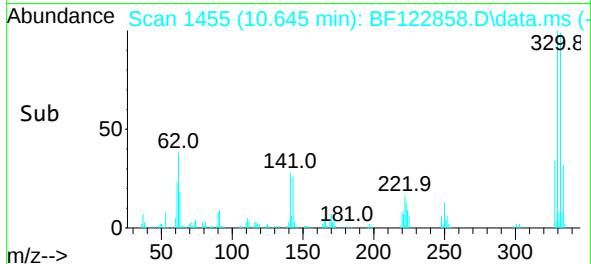


#42
 2,4,6-Tribromophenol
 Concen: 39.67 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BF122858.D
 Acq: 24 Dec 2020 16:41

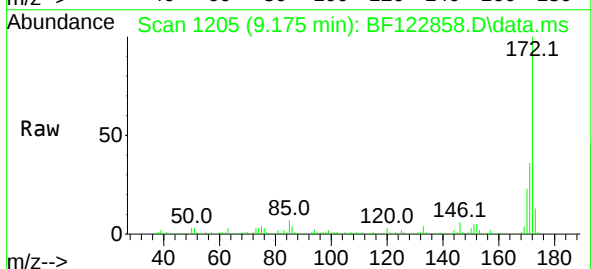
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 ClientSampleId :
 EO-03-122320



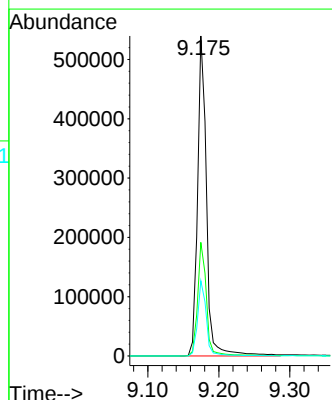
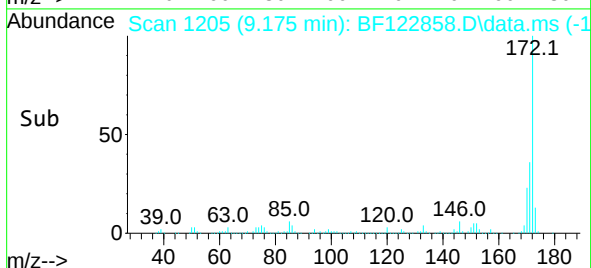
Tgt Ion: 330 Resp: 128433
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.5 116.3
 141 30.2 23.8 35.8

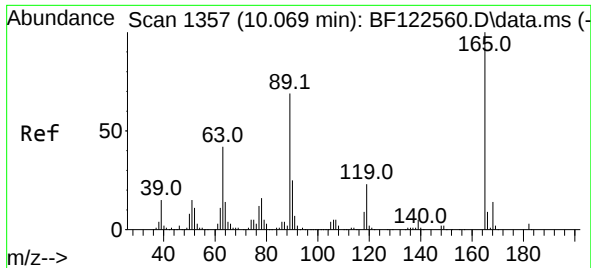


#45
 2-Fluorobiphenyl
 Concen: 26.01 ng
 RT: 9.175 min Scan# 1205
 Delta R.T. -0.012 min
 Lab File: BF122858.D
 Acq: 24 Dec 2020 16:41



Tgt Ion: 172 Resp: 475606
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.5 19.5 29.3

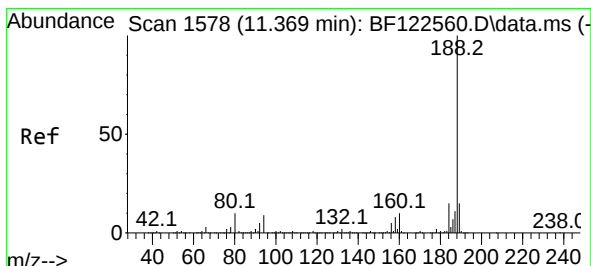
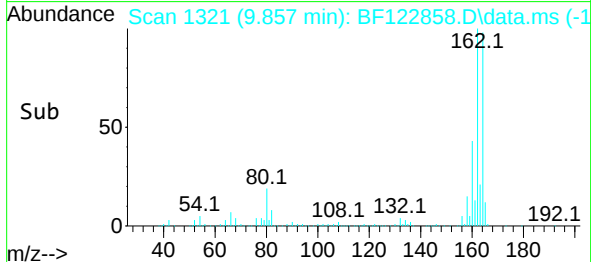
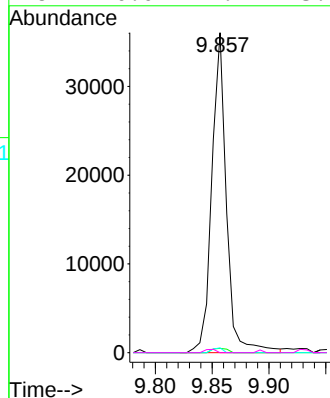
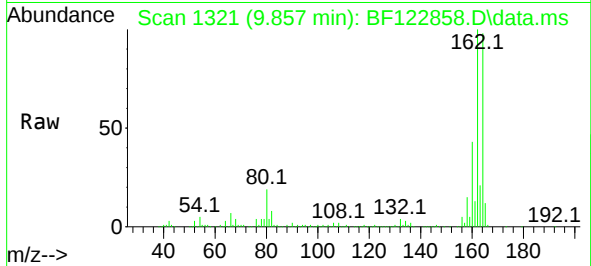




#57
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

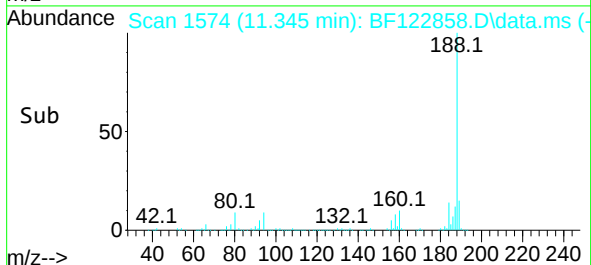
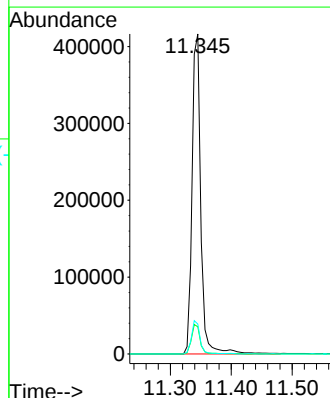
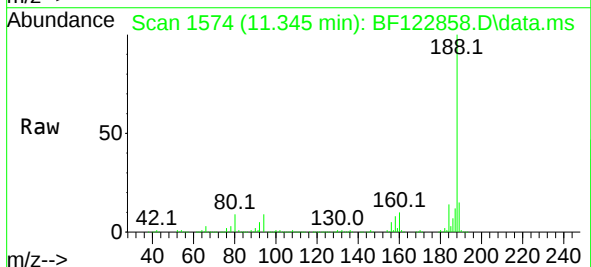
Instrument :
BNA_F
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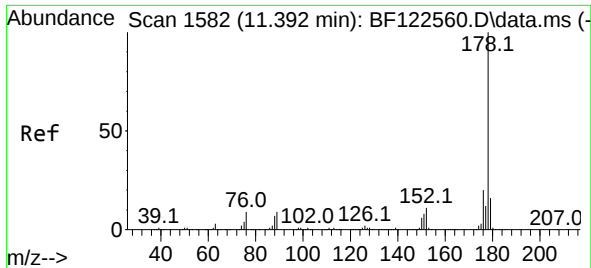
Tgt Ion:165	Resp:	32153
Ion Ratio	Lower	Upper
165	100	
63	1.4	34.3 51.5#
89	1.5	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

Tgt Ion:188	Resp:	415632
Ion Ratio	Lower	Upper
188	100	
94	8.5	7.4 11.2
80	9.4	8.2 12.4

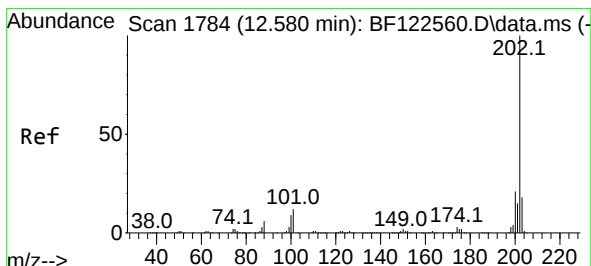
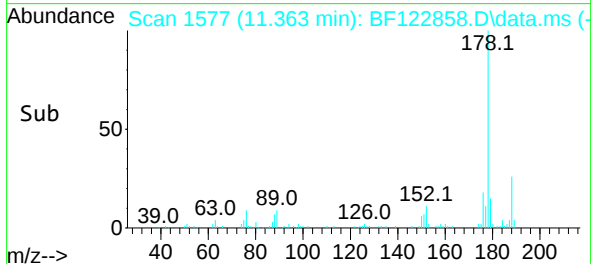
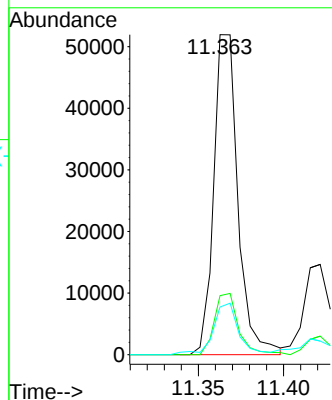
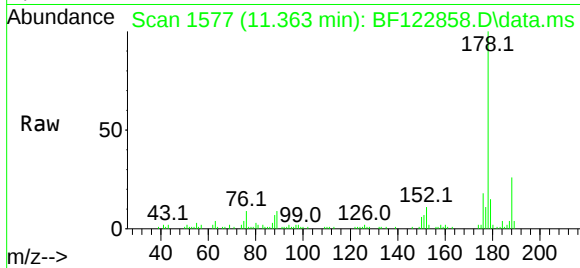




#71
Phenanthrene
Concen: 2.08 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

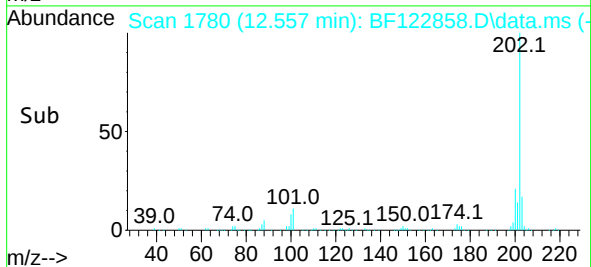
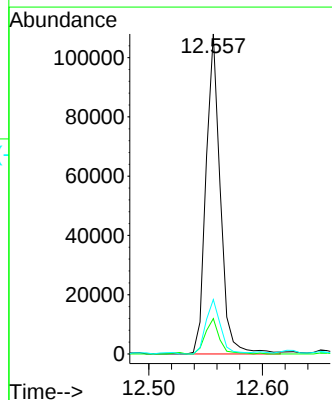
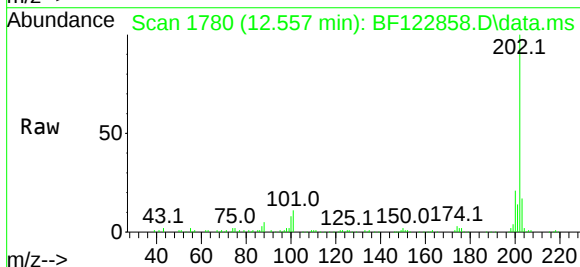
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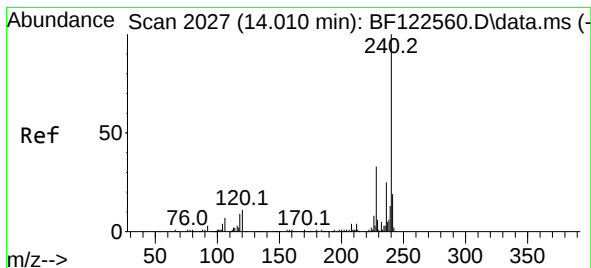
Tgt Ion:178 Resp: 51303
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.2
179 14.9 12.7 19.1



#75
Fluoranthene
Concen: 3.65 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

Tgt Ion:202 Resp: 94495
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.2
203 17.0 0.0 38.1





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF122858.D

Acq: 24 Dec 2020 16:41

Tgt Ion:240 Resp: 332910

Ion Ratio Lower Upper

240 100

120 9.6 8.6 12.8

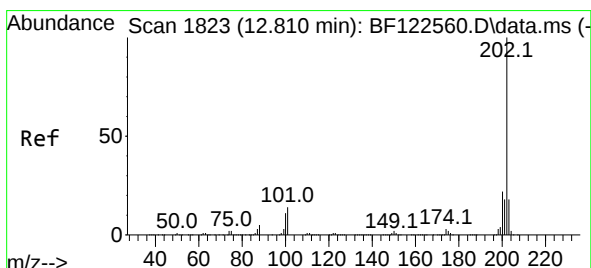
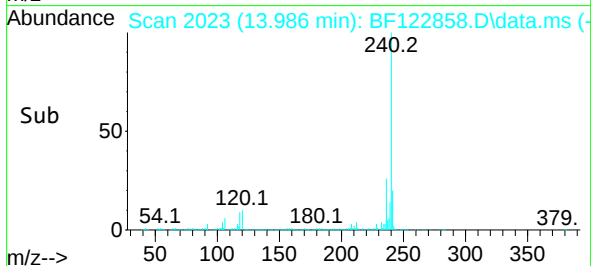
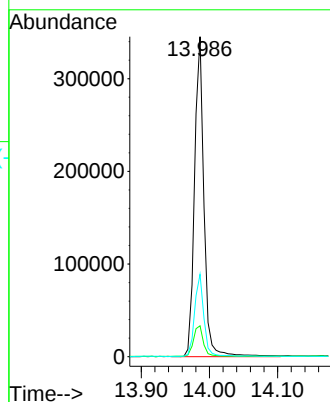
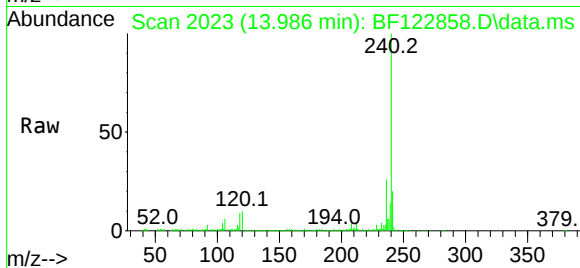
236 25.8 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

EO-03-122320



#78

Pyrene

Concen: 3.13 ng

RT: 12.786 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF122858.D

Acq: 24 Dec 2020 16:41

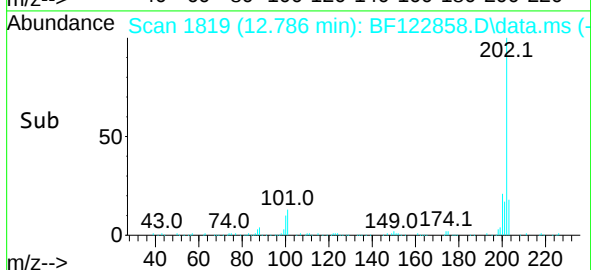
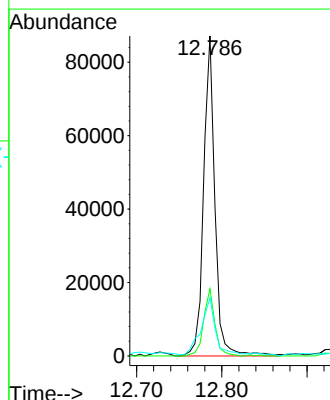
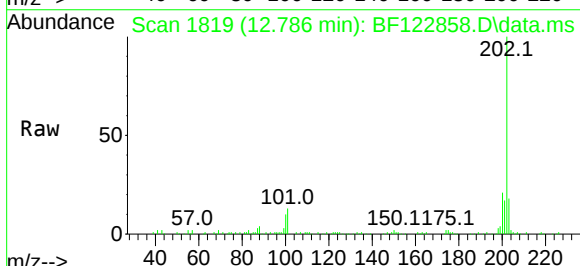
Tgt Ion:202 Resp: 80500

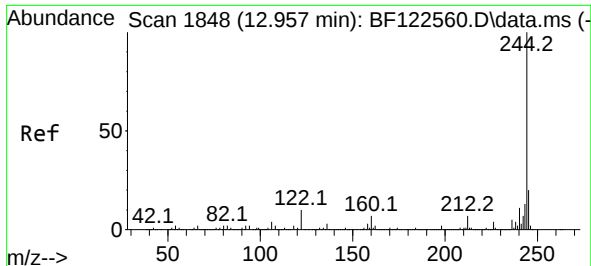
Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

203 18.2 14.6 21.8

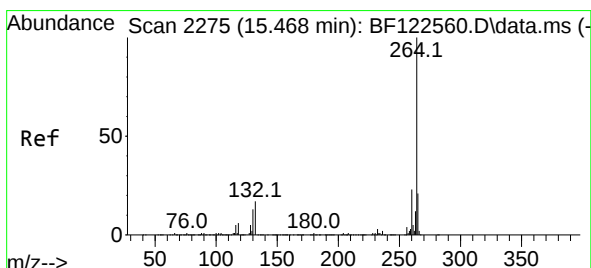
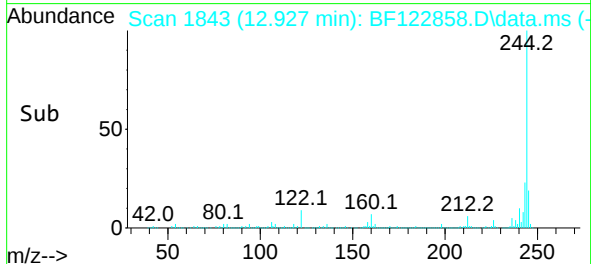
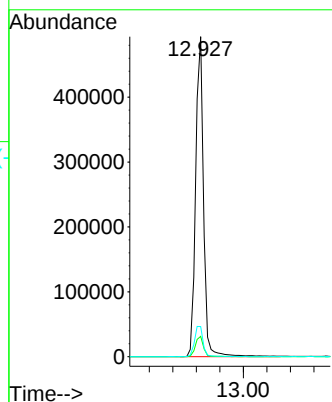
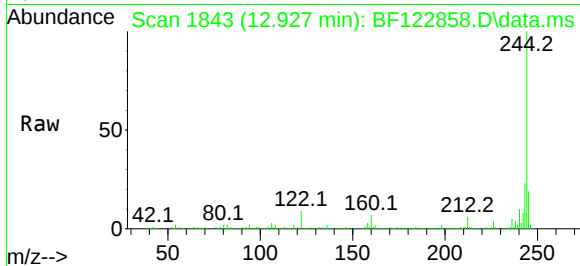




#79
Terphenyl-d14
Concen: 24.04 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

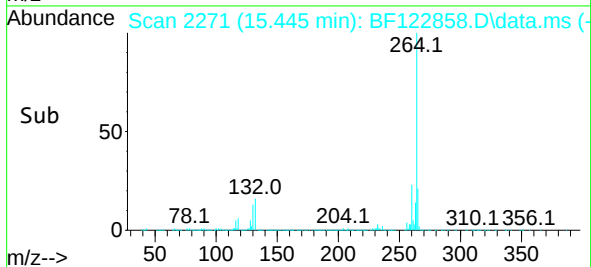
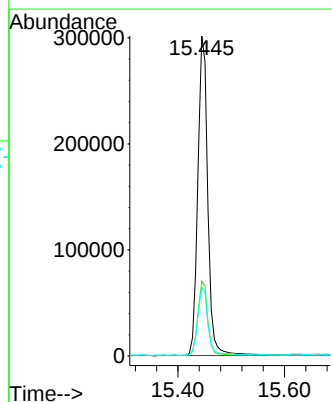
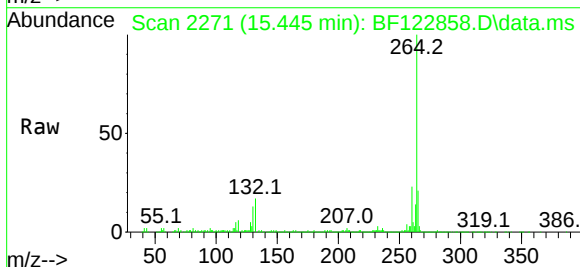
Instrument :
BNA_F
ClientSampleId :
EO-03-122320

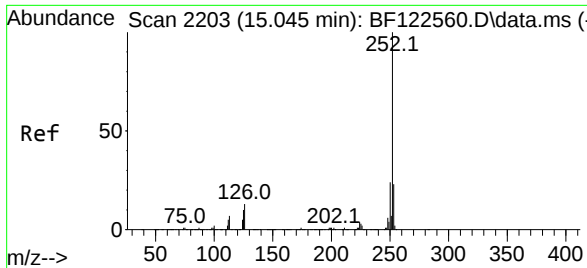
Tgt Ion:244 Resp: 457228
Ion Ratio Lower Upper
244 100
212 6.3 5.7 8.5
122 9.4 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

Tgt Ion:264 Resp: 392453
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.5 17.0 25.6

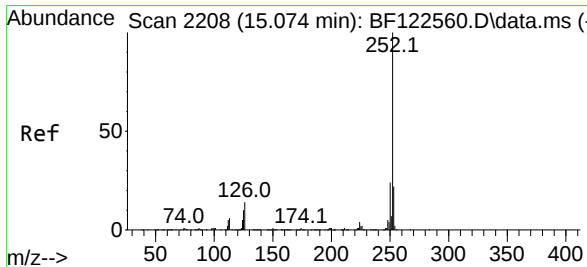
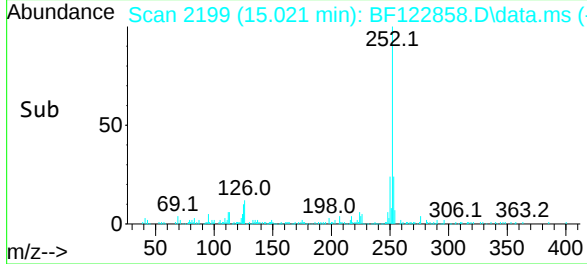
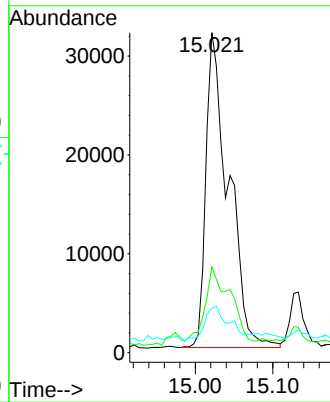
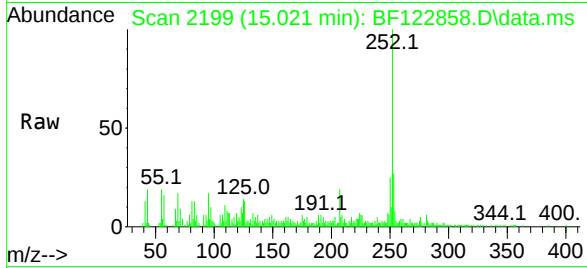




#88
Benzo(b)fluoranthene
Concen: 2.34 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

Instrument :
BNA_F
ClientSampleId :
EO-03-122320

Tgt Ion:252 Resp: 64542
Ion Ratio Lower Upper
252 100
253 26.8 18.3 27.5
125 13.8 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 2.56 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.030 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

Tgt Ion:252 Resp: 64542
Ion Ratio Lower Upper
252 100
253 26.8 17.8 26.8#
125 13.8 8.4 12.6#

