

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)

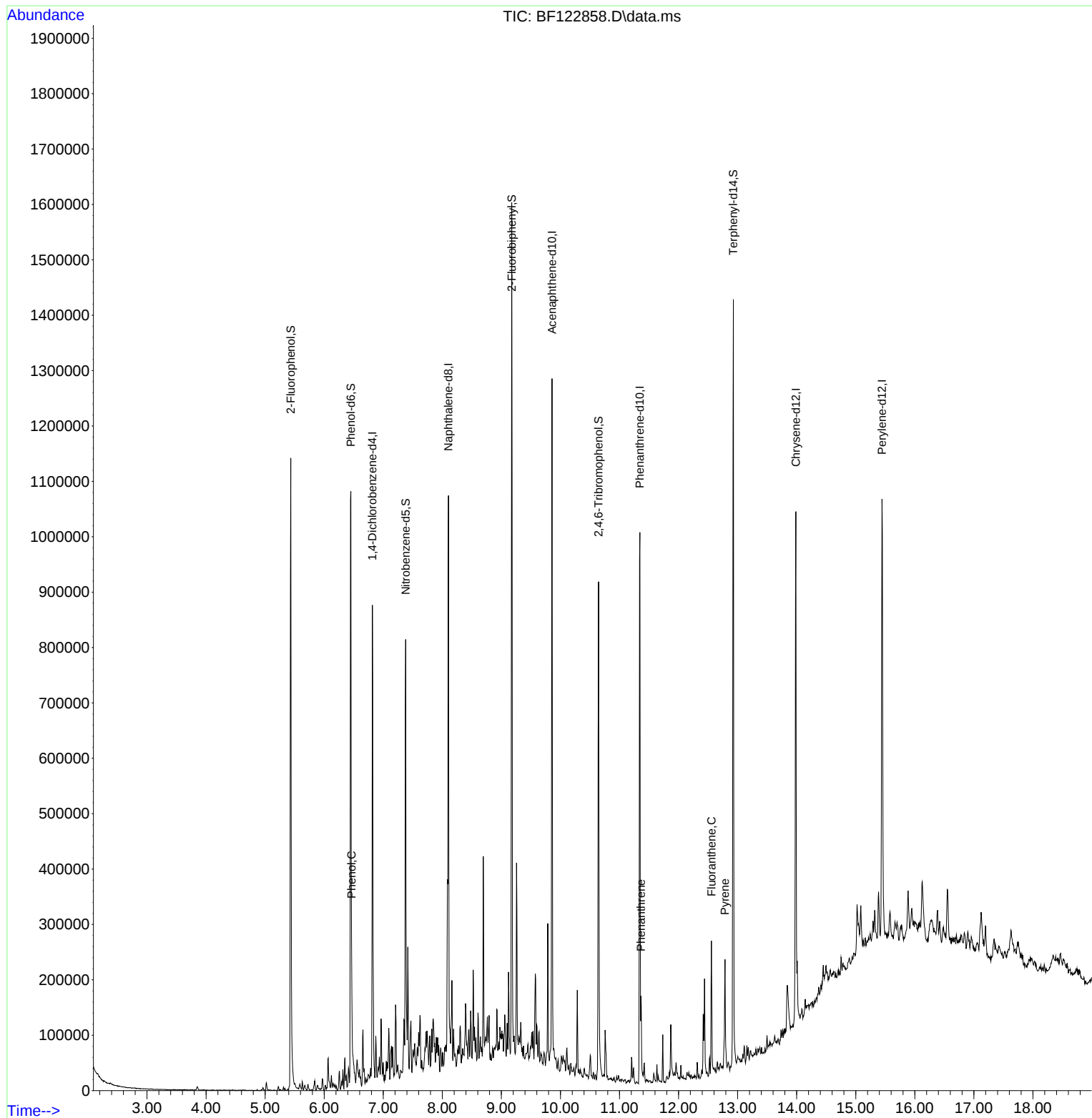
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	131023	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	458355	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	247362	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	415632	20.00	ng	0.00
76) Chrysene-d12	13.986	240	332910	20.00	ng	0.00
86) Perylene-d12	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
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

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

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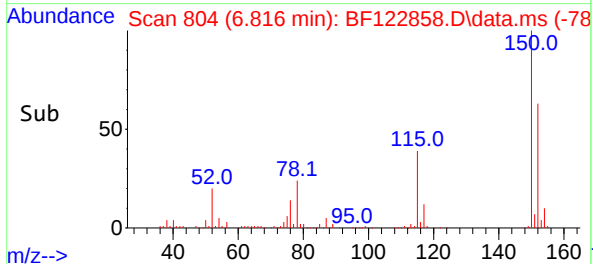
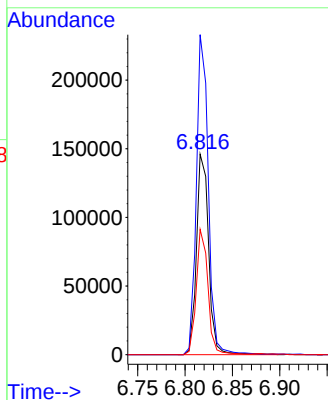
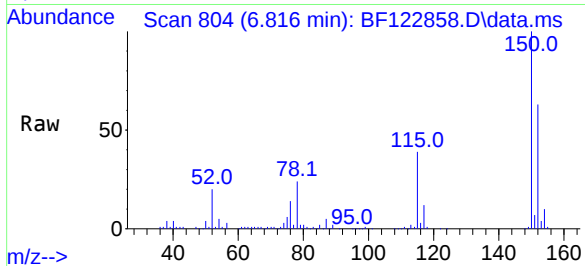




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

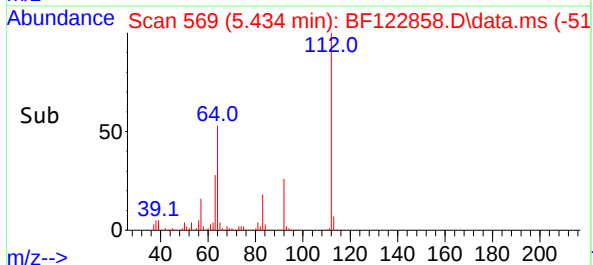
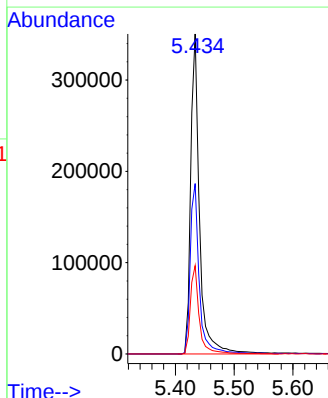
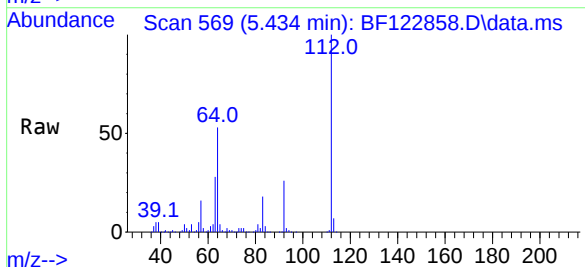
Instrument :
BNA_F
ClientSampleId :
EO-03-122320

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

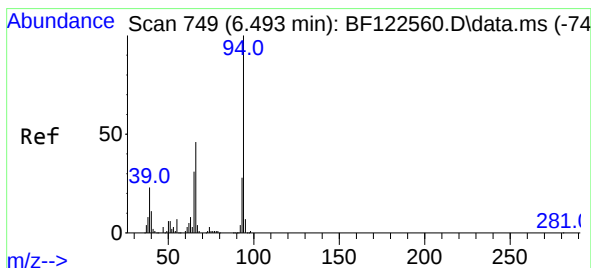
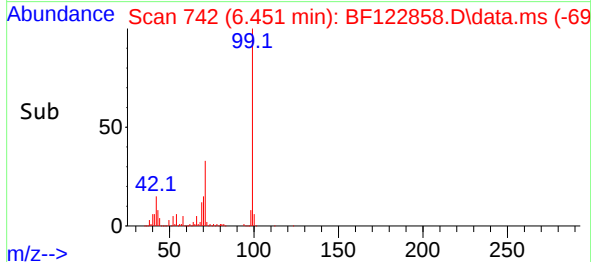
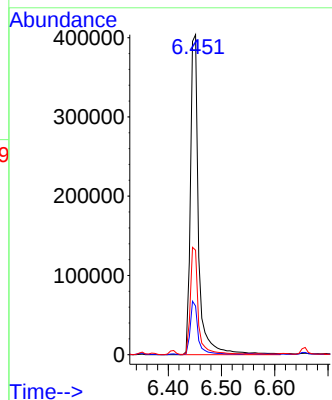
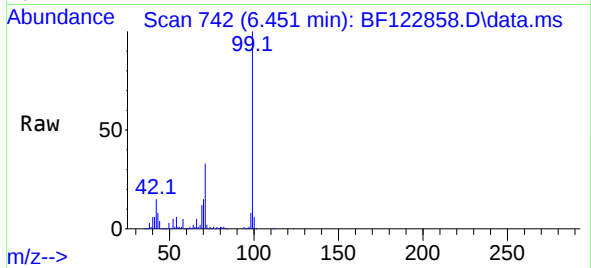




#7
Phenol-d6
Concen: 39.50 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

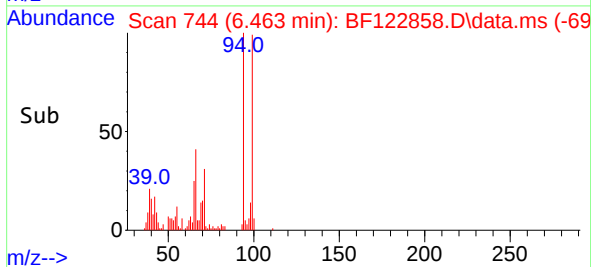
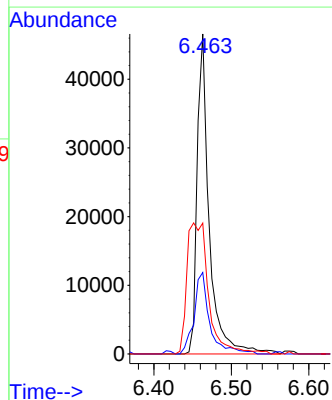
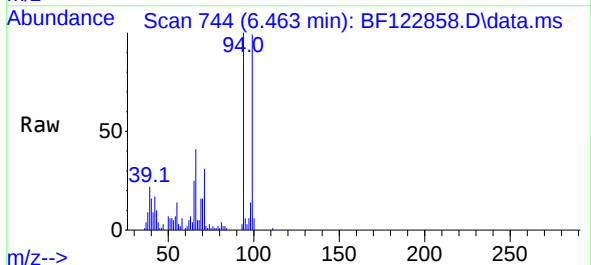
Instrument :
BNA_F
ClientSampleId :
EO-03-122320

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

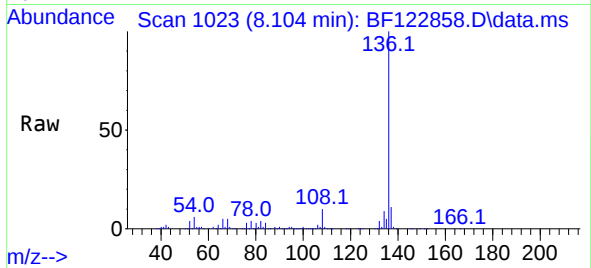
Tgt Ion: 94 Resp: 50316
Ion Ratio Lower Upper
94 100
65 25.5 11.2 51.2
66 40.9 25.8 65.8



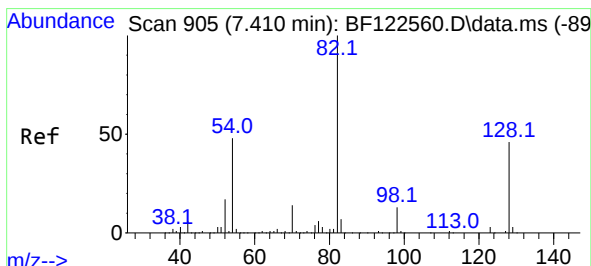
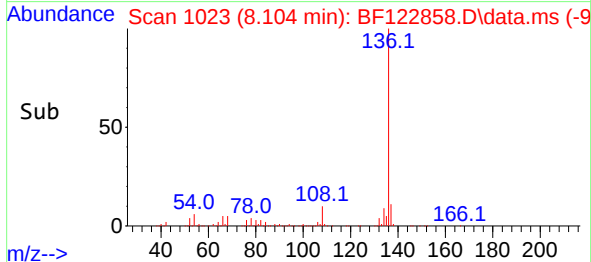
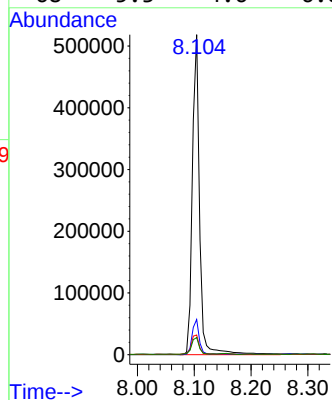


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

Instrument :
BNA_F
ClientSampleId :
EO-03-122320

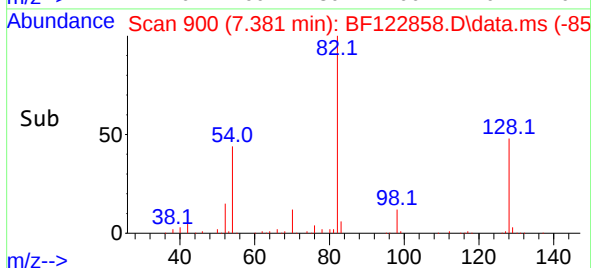
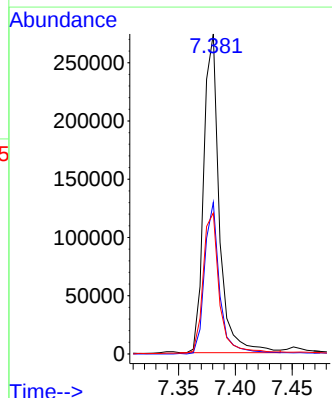
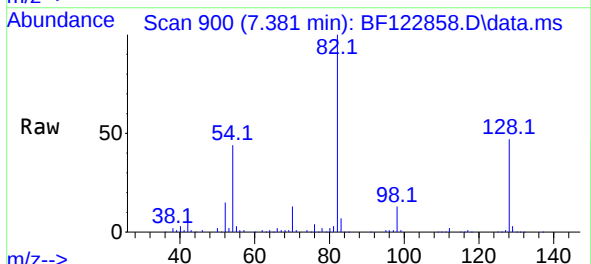


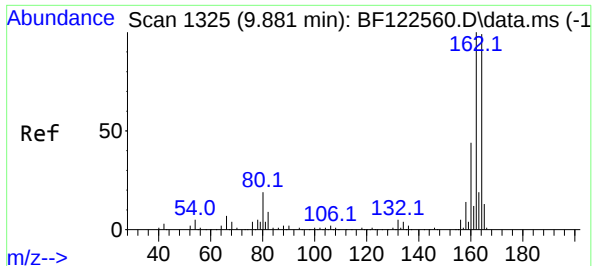
Tgt Ion:136 Resp: 458355
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.2 5.5 8.3
68 5.3 4.6 6.8



#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

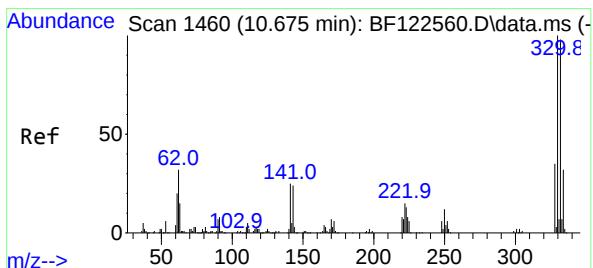
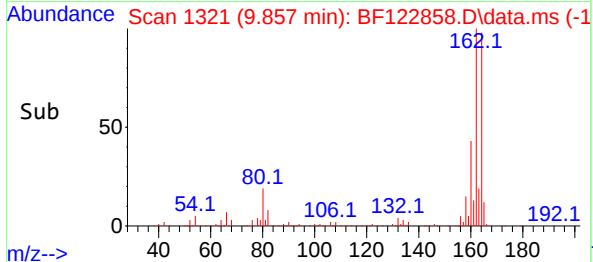
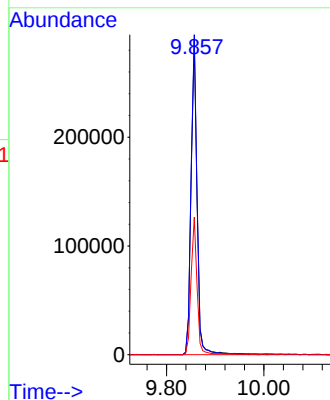
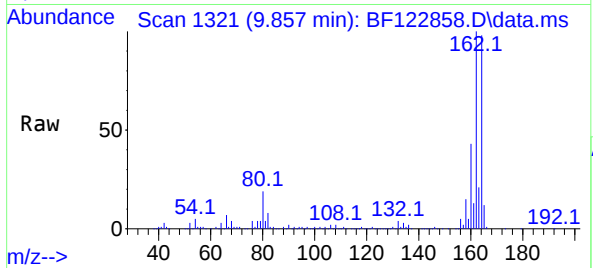




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

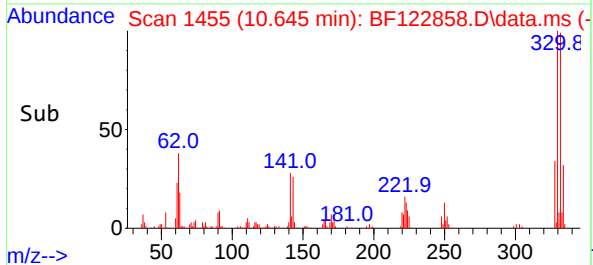
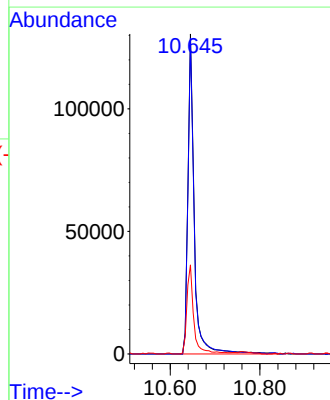
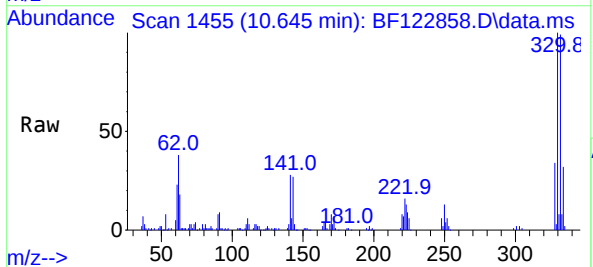
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ClientSampleId :
EO-03-122320

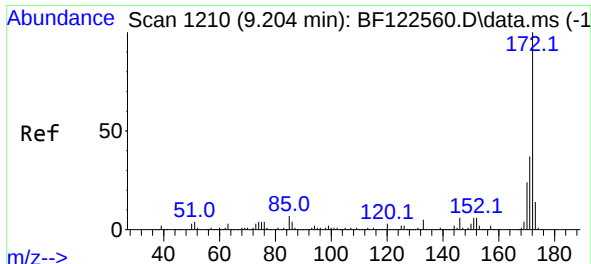
Tgt Ion:164 Resp: 247362
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 43.7 35.4 53.0



#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

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

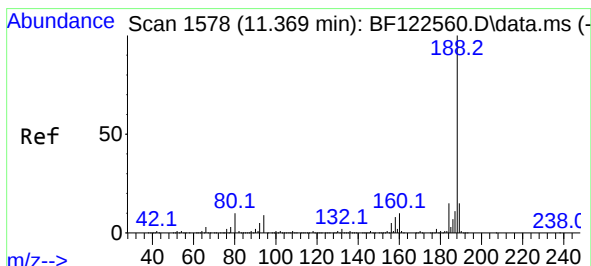
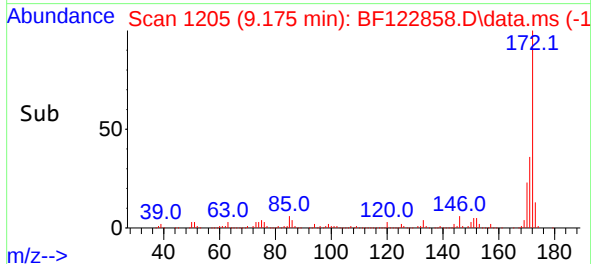
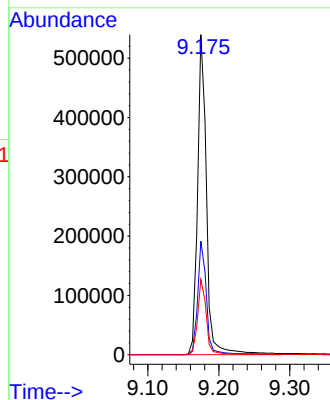
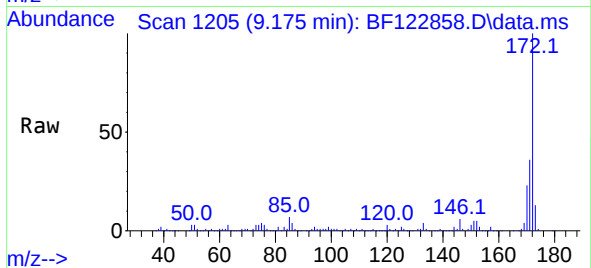




#45
2-Fluorobiphenyl
Concen: 26.01 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

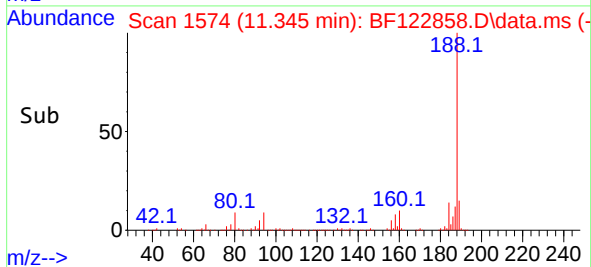
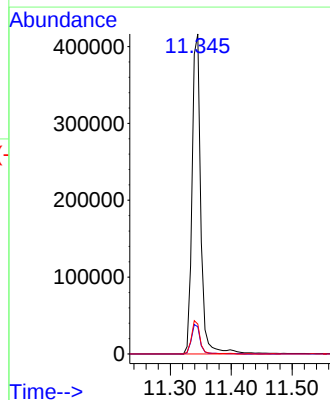
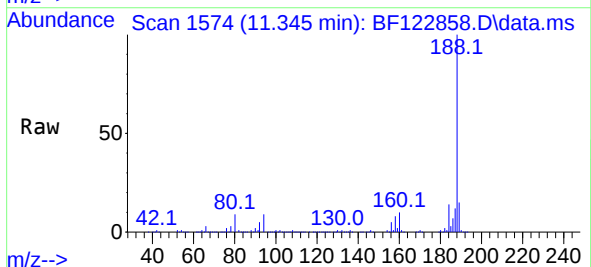
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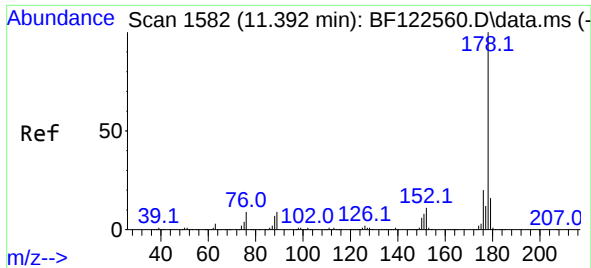
Tgt Ion:172 Resp: 475606
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.5 19.5 29.3



#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

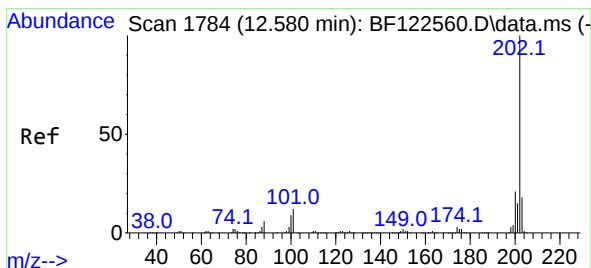
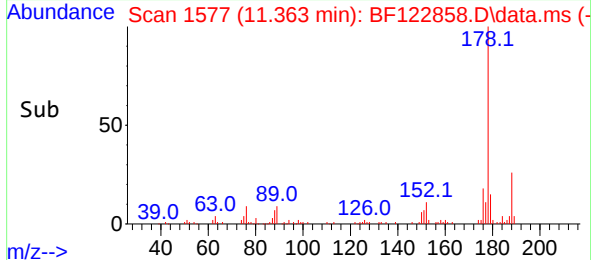
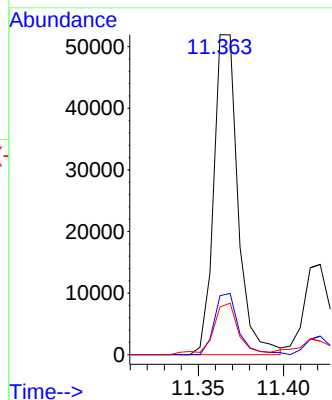
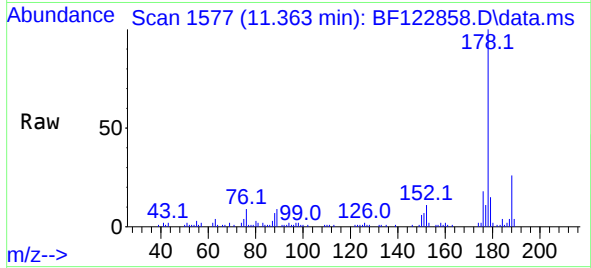




#71
Phenanthrene
Concen: 2.08 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

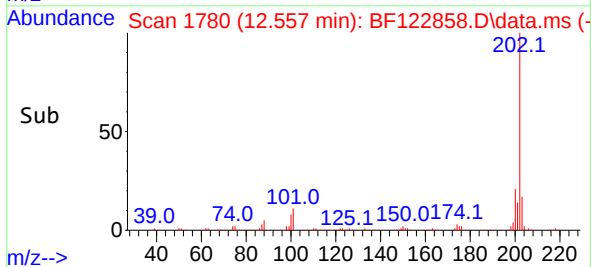
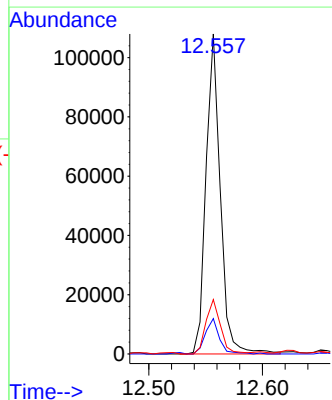
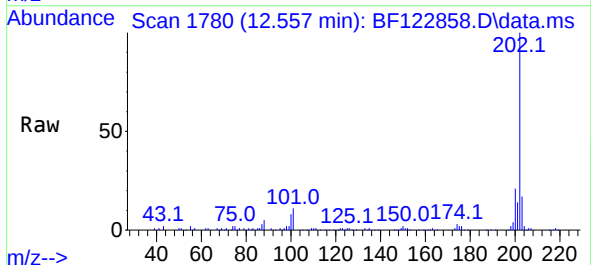
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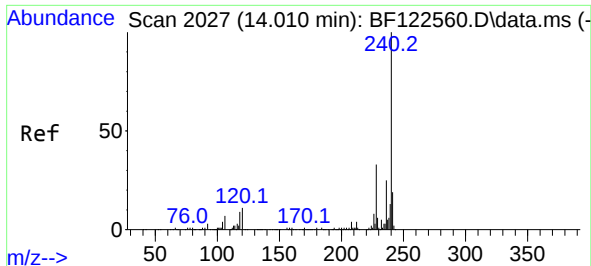
Tgt Ion:178 Resp: 51303
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.2
179 14.9 12.7 19.1



#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

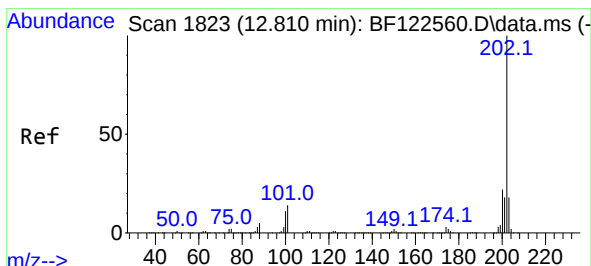
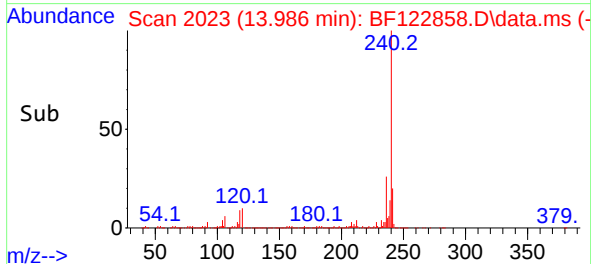
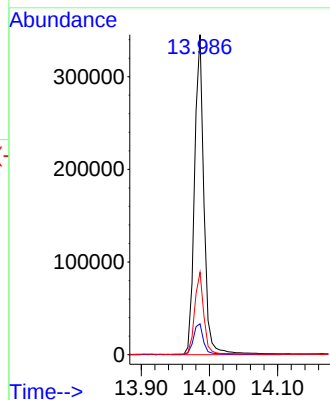
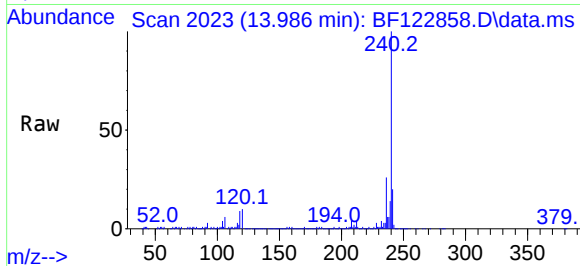




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

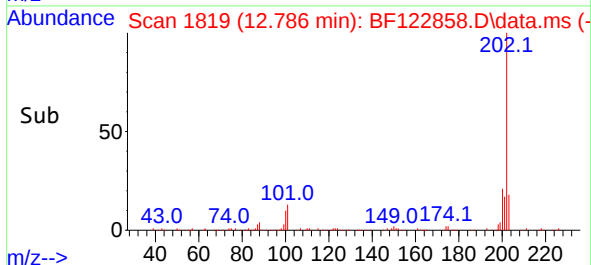
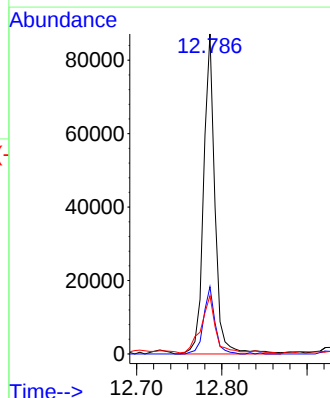
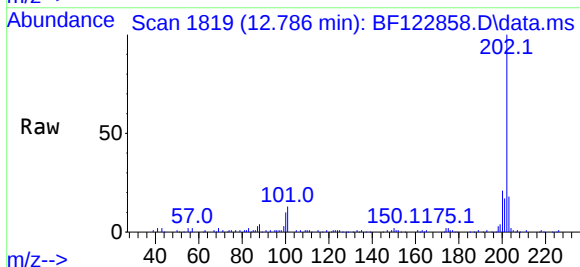
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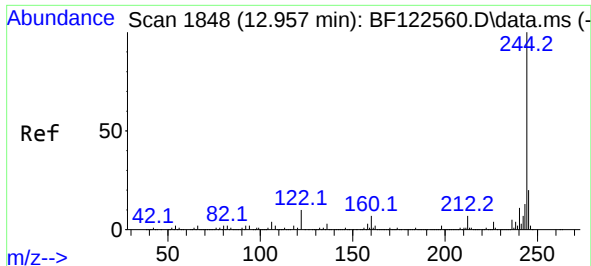
Tgt Ion:240 Resp: 332910
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.8 20.3 30.5



#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

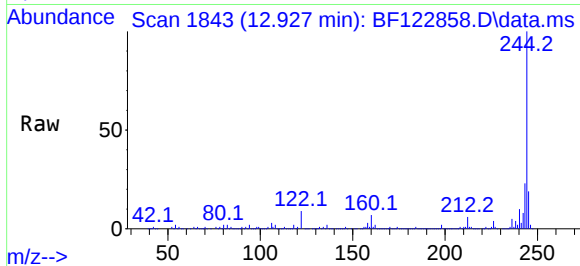
Tgt Ion:202 Resp: 80500
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 18.2 14.6 21.8



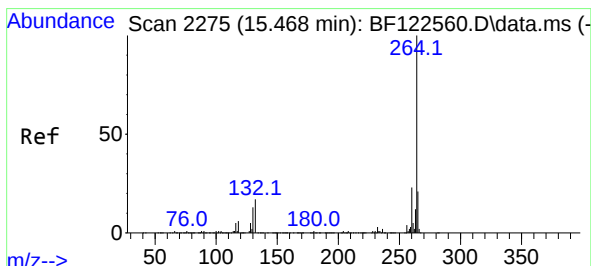
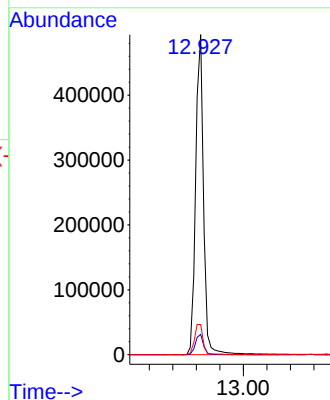
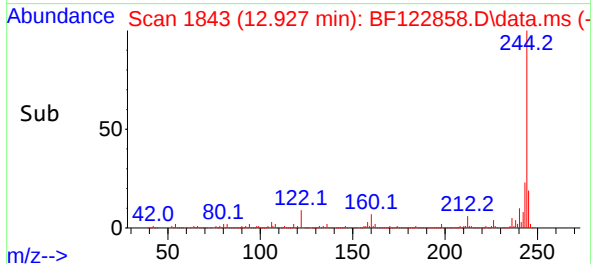


#79
Terphenyl-d14
Concen: 24.04 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122858.D
Acq: 24 Dec 2020 16:41

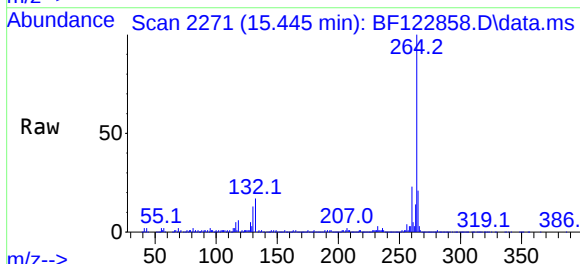
Instrument :
BNA_F
ClientSampleId :
EO-03-122320



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

