

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127808.D
 Acq On : 15 Apr 2022 17:27
 Operator : CG\JU
 Sample : N2394-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-7-SOIL-PILE-BELOW-BRIDGE

Quant Time: Apr 18 01:25:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	142198	20.000	ng	-0.01
21) Naphthalene-d8	8.228	136	531350	20.000	ng	#-0.02
39) Acenaphthene-d10	9.986	164	300755	20.000	ng	-0.02
64) Phenanthrene-d10	11.480	188	521078	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	312465	20.000	ng	-0.02
86) Perylene-d12	15.645	264	326508	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1040118	118.855	ng	0.00
7) Phenol-d6	6.575	99	1212210	105.885	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1025737	86.061	ng	-0.02
42) 2,4,6-Tribromophenol	10.780	330	416420	130.112	ng	-0.02
45) 2-Fluorobiphenyl	9.310	172	1787697	84.088	ng	-0.01
79) Terphenyl-d14	13.068	244	1697373	89.664	ng	-0.01

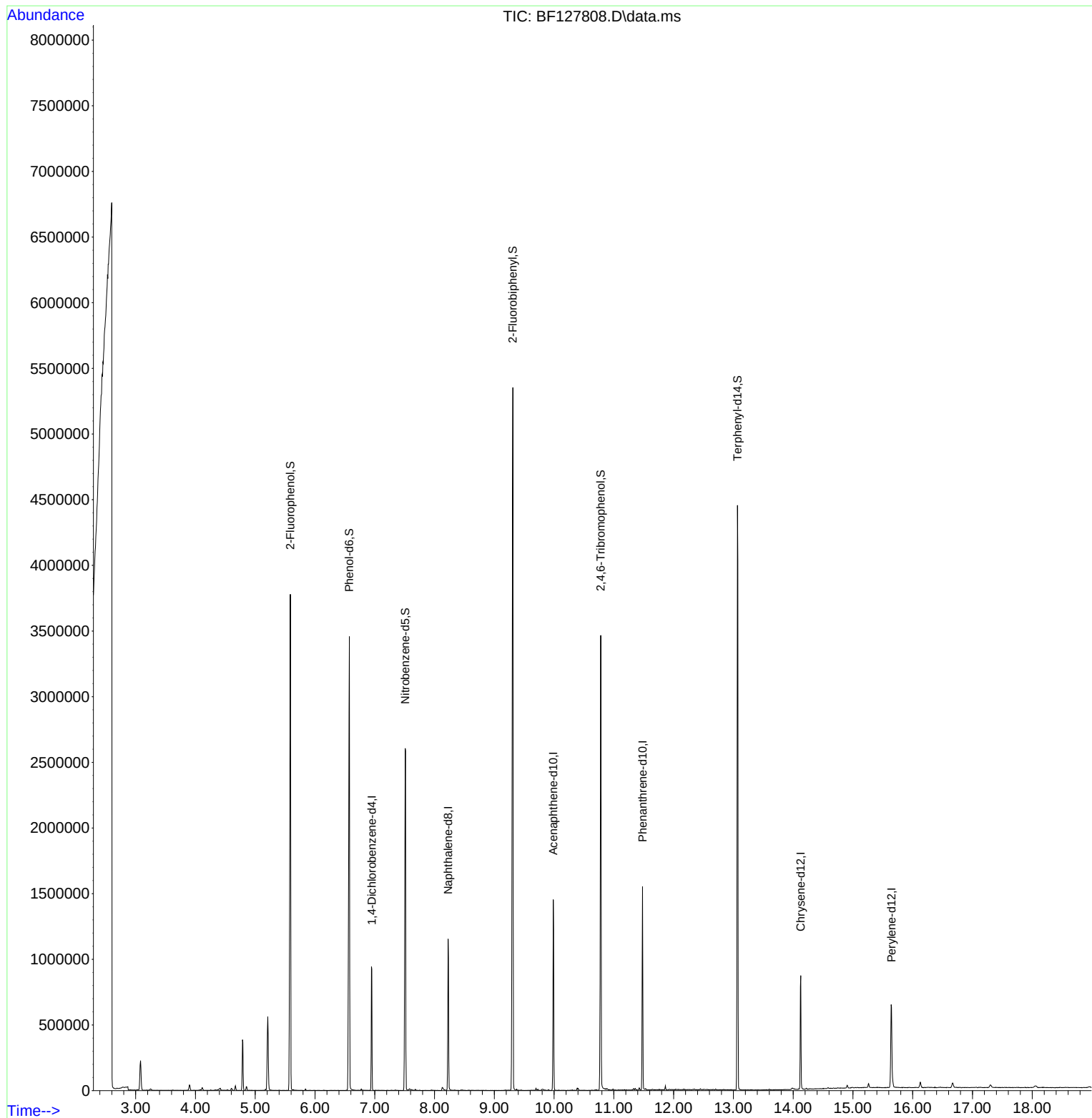
Target Compounds	Qvalue

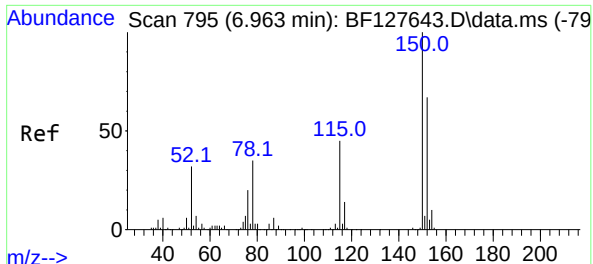
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127808.D
Acq On : 15 Apr 2022 17:27
Operator : CG\JU
Sample : N2394-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-7-SOIL-PILE-BELOW-BRIDGE

Quant Time: Apr 18 01:25:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 16:40:15 2022
Response via : Initial Calibration

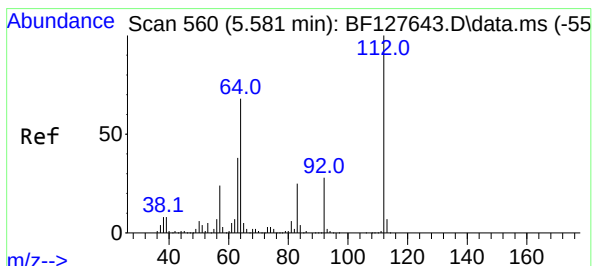
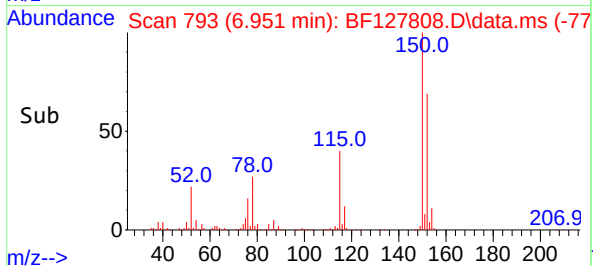
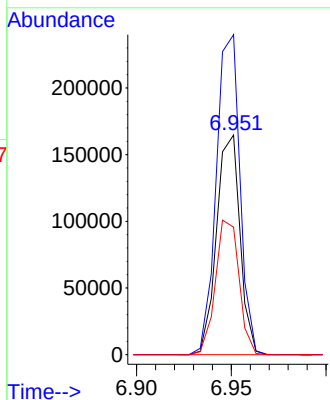
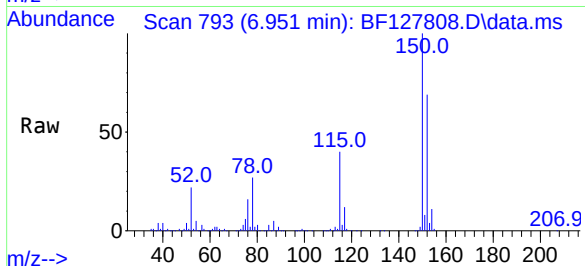




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127808.D
Acq: 15 Apr 2022 17:27

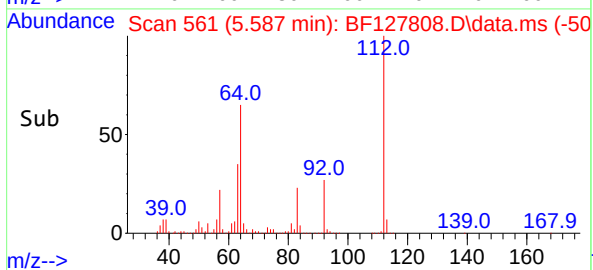
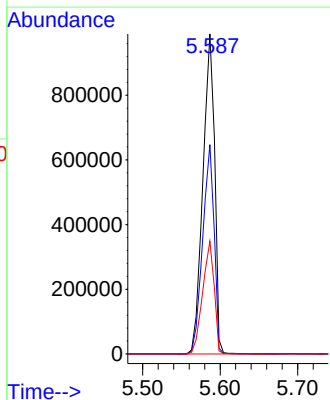
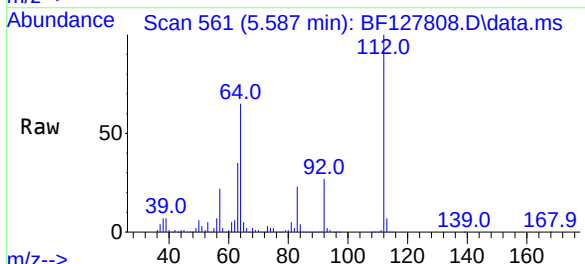
Instrument :
BNA_F
ClientSampleId :
CS-7-SOIL-PILE-BELOW-BRIDGE

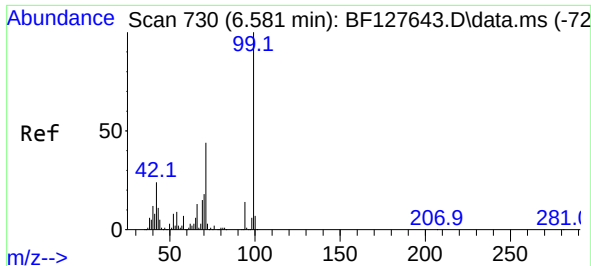
Tgt Ion:152 Resp: 142198
Ion Ratio Lower Upper
152 100
150 145.7 117.2 175.8
115 58.1 49.8 74.6



#5
2-Fluorophenol
Concen: 118.855 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127808.D
Acq: 15 Apr 2022 17:27

Tgt Ion:112 Resp: 1040118
Ion Ratio Lower Upper
112 100
64 65.4 58.4 87.6
63 35.3 30.1 45.1

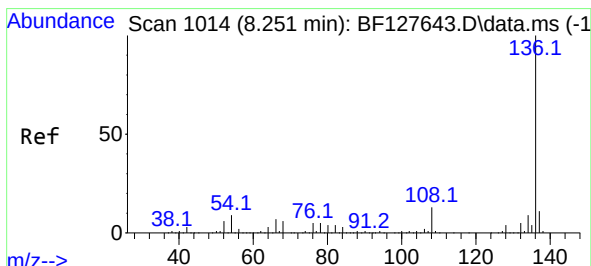
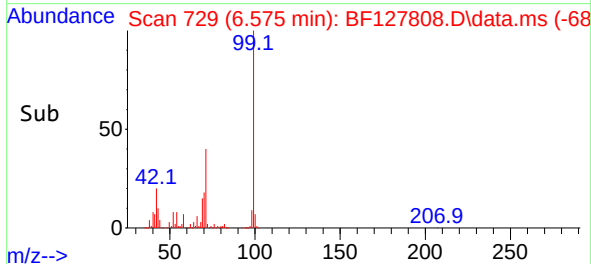
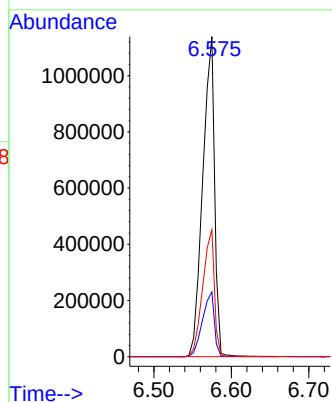
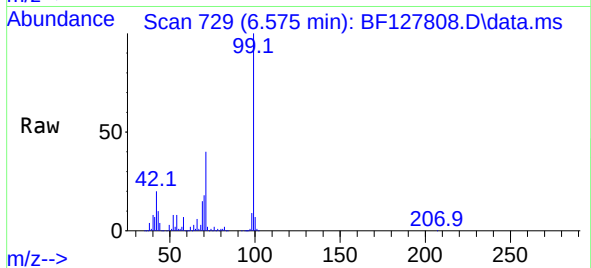




#7
Phenol-d6
Concen: 105.885 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127808.D
Acq: 15 Apr 2022 17:27

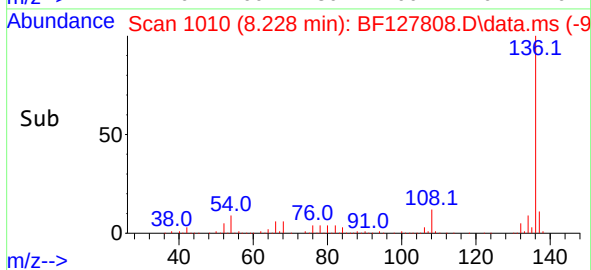
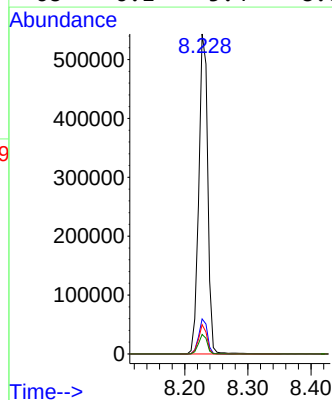
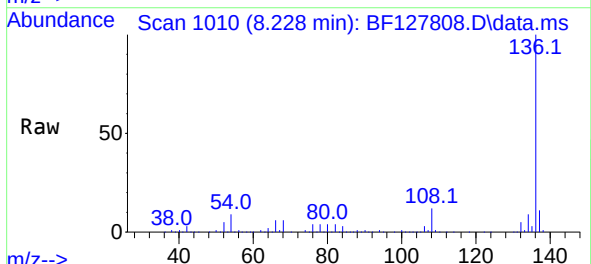
Instrument :
BNA_F
ClientSampleId :
CS-7-SOIL-PILE-BELOW-BRIDGE

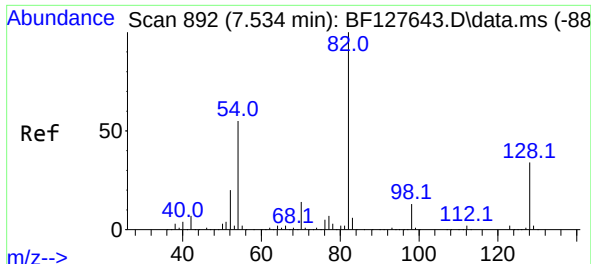
Tgt Ion: 99 Resp: 1212210
Ion Ratio Lower Upper
99 100
42 20.2 17.8 26.6
71 39.7 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BF127808.D
Acq: 15 Apr 2022 17:27

Tgt Ion: 136 Resp: 531350
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 9.2 13.8#
68 6.1 5.4 8.0

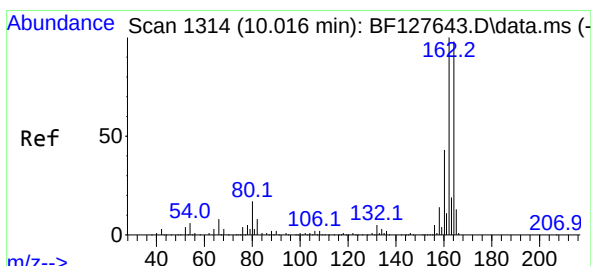
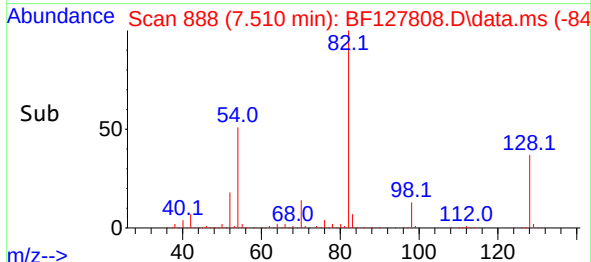
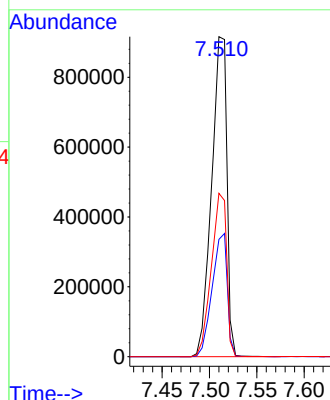
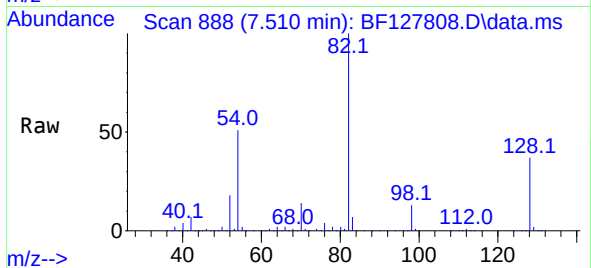




#23
Nitrobenzene-d5
Concen: 86.061 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF127808.D
Acq: 15 Apr 2022 17:27

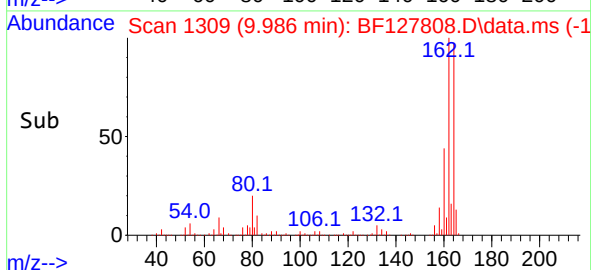
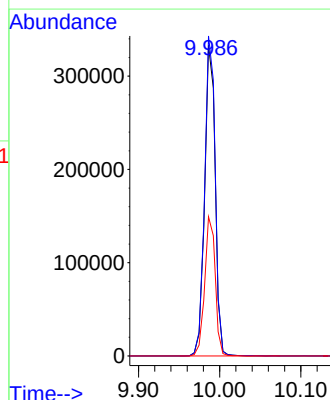
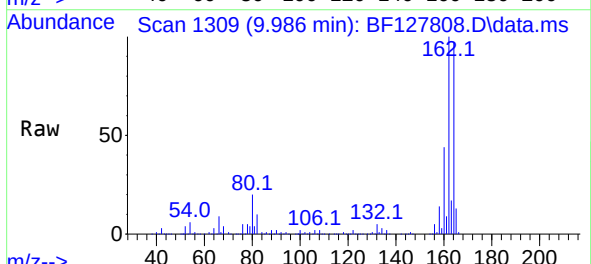
Instrument :
BNA_F
ClientSampleId :
CS-7-SOIL-PILE-BELOW-BRIDGE

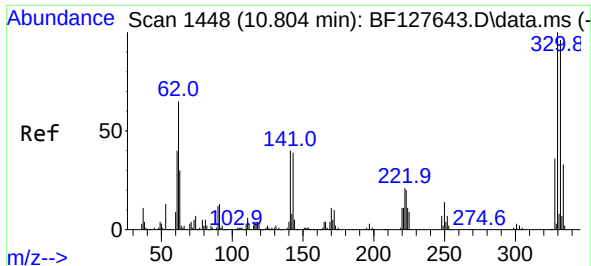
Tgt Ion: 82 Resp: 1025737
Ion Ratio Lower Upper
82 100
128 36.6 30.6 45.8
54 51.1 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.018 min
Lab File: BF127808.D
Acq: 15 Apr 2022 17:27

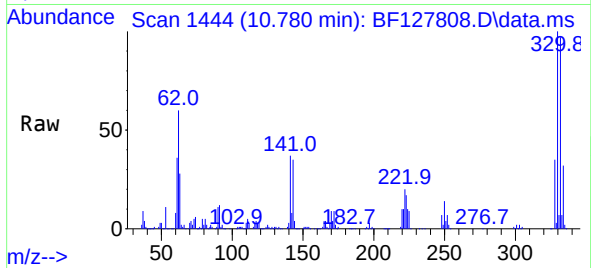
Tgt Ion:164 Resp: 300755
Ion Ratio Lower Upper
164 100
162 103.1 81.2 121.8
160 44.9 34.6 52.0



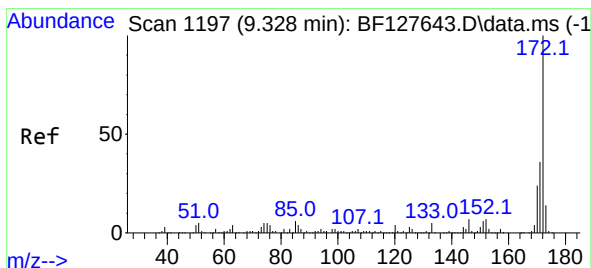
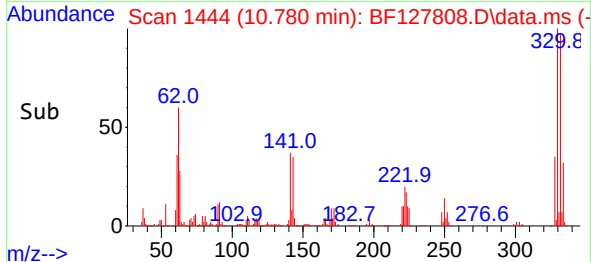
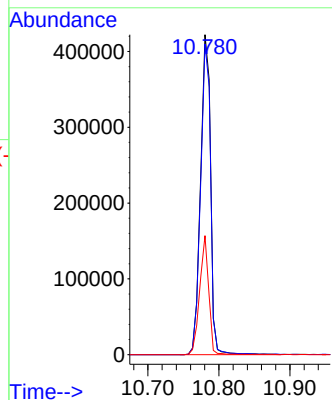


#42
2,4,6-Tribromophenol
Concen: 130.112 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF127808.D
Acq: 15 Apr 2022 17:27

Instrument :
BNA_F
ClientSampleId :
CS-7-SOIL-PILE-BELOW-BRIDGE

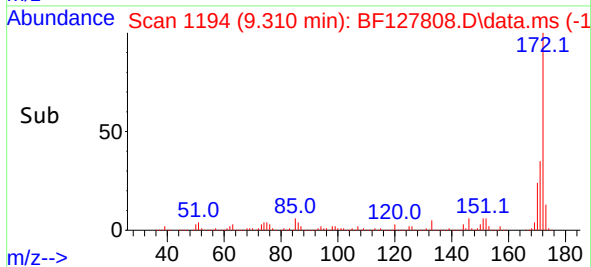
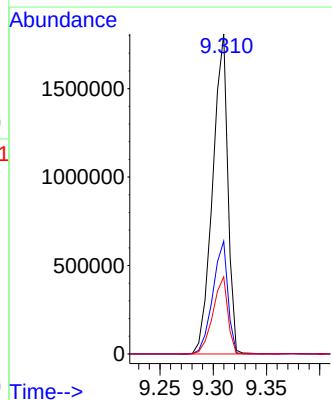
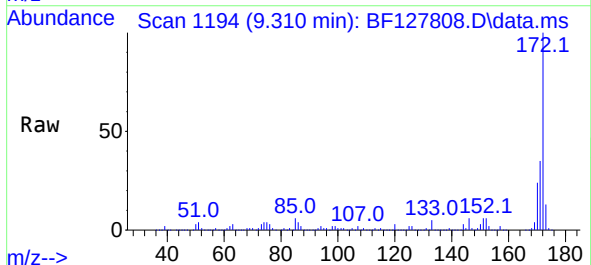


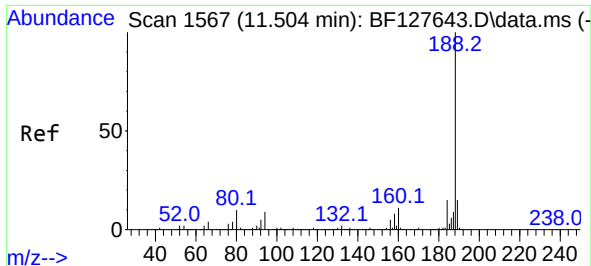
Tgt Ion:330 Resp: 416420
Ion Ratio Lower Upper
330 100
332 97.1 79.1 118.7
141 33.6 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 84.088 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF127808.D
Acq: 15 Apr 2022 17:27

Tgt Ion:172 Resp: 1787697
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.1 18.6 27.8

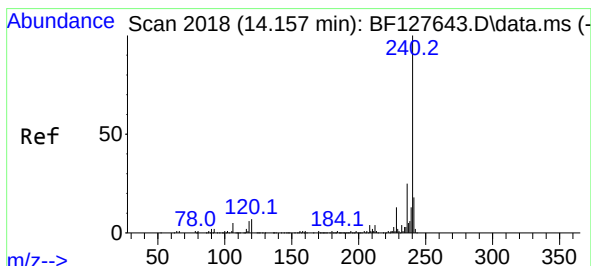
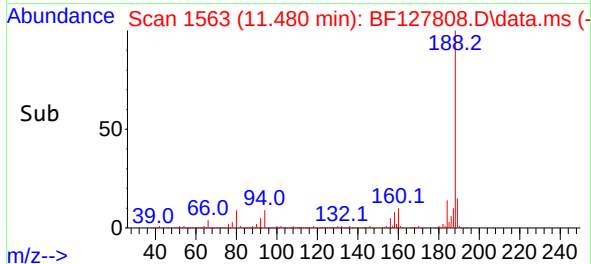
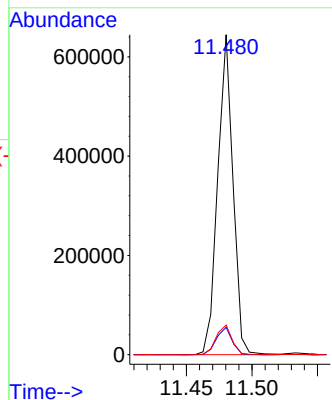
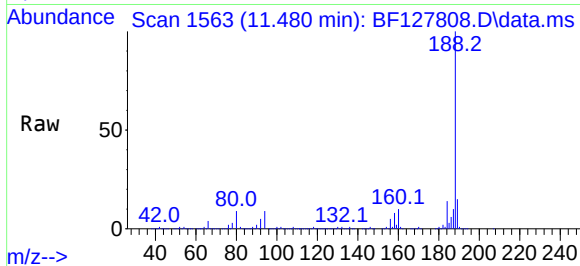




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127808.D
Acq: 15 Apr 2022 17:27

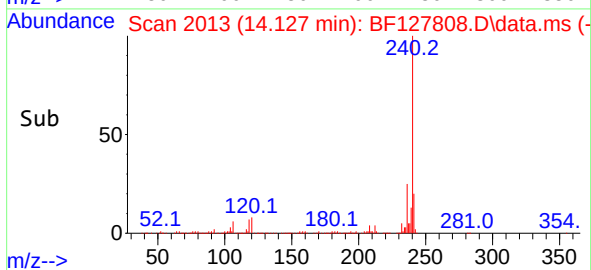
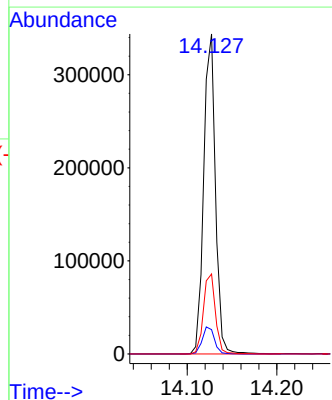
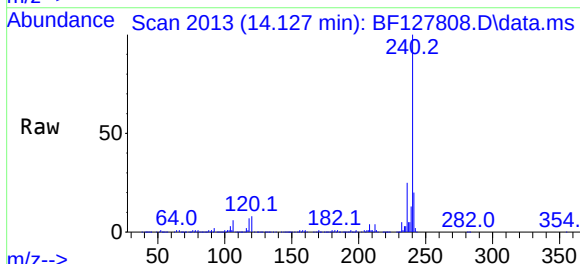
Instrument :
BNA_F
ClientSampleId :
CS-7-SOIL-PILE-BELOW-BRIDGE

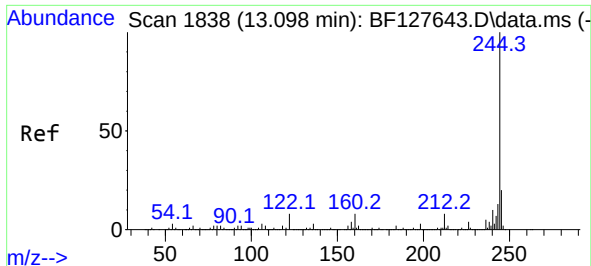
Tgt Ion:188 Resp: 521078
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.2 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127808.D
Acq: 15 Apr 2022 17:27

Tgt Ion:240 Resp: 312465
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 25.0 20.7 31.1

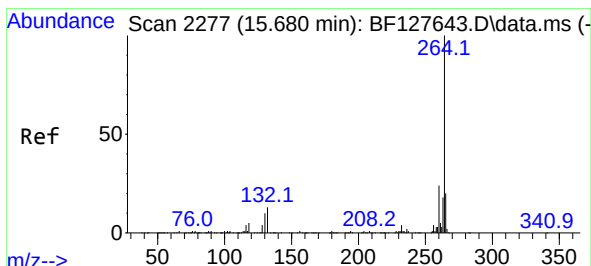
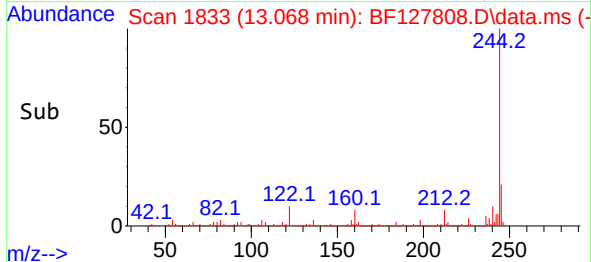
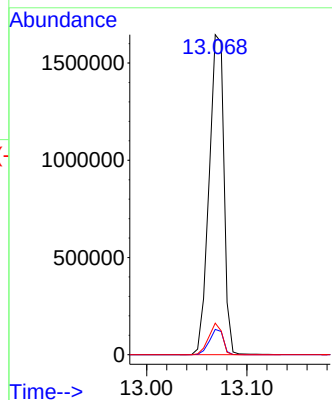
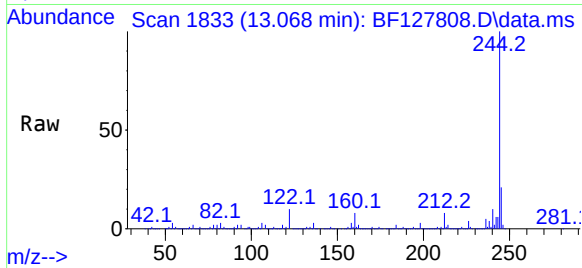




#79
 Terphenyl-d14
 Concen: 89.664 ng
 RT: 13.068 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF127808.D
 Acq: 15 Apr 2022 17:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-7-SOIL-PILE-BELOW-BRIDGE

Tgt Ion:244 Resp: 1697373
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 9.8 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2271
 Delta R.T. -0.018 min
 Lab File: BF127808.D
 Acq: 15 Apr 2022 17:27

Tgt Ion:264 Resp: 326508
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 20.9 17.4 26.2

