

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125643.D
 Acq On : 25 Sep 2021 3:00
 Operator : JU/CG
 Sample : M3904-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JET-GROUT-SPOIL-STEEL-WHEEL

Quant Time: Sep 25 04:34:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	229886	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	944270	20.00	ng	# 0.00
39) Acenaphthene-d10	9.922	164	488213	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	773295	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	460137	20.00	ng	0.00
86) Perylene-d12	15.515	264	478496	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1522204	109.09	ng	0.02
7) Phenol-d6	6.510	99	1680305	89.57	ng	0.00
23) Nitrobenzene-d5	7.445	82	1238262	91.47	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	576873	126.73	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2354752	86.98	ng	0.00
79) Terphenyl-d14	12.992	244	2037162	76.67	ng	0.00

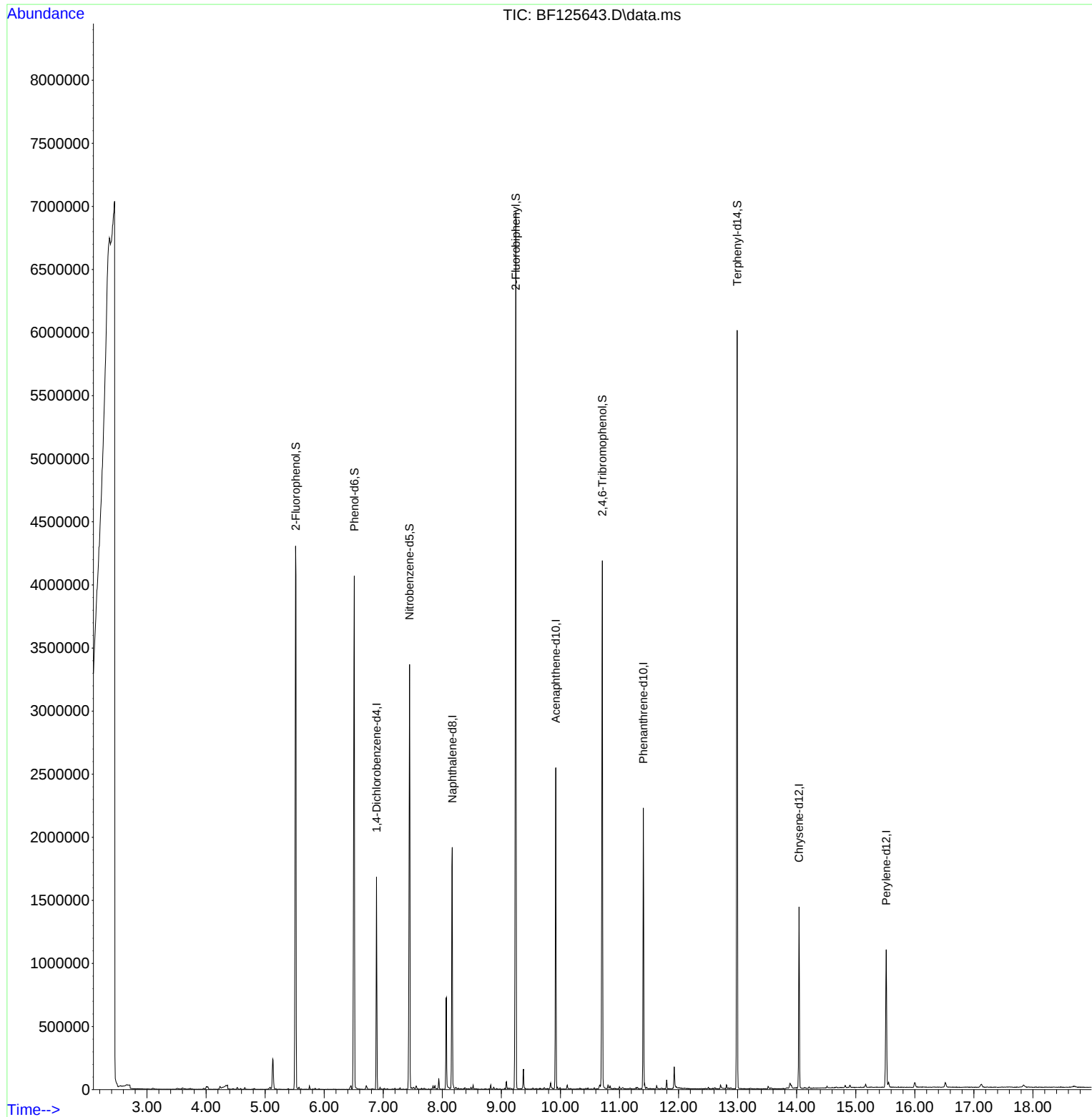
Target Compounds	Qvalue

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

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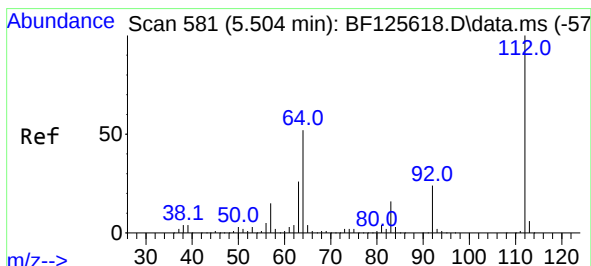
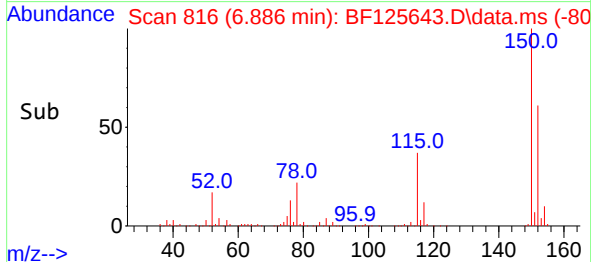
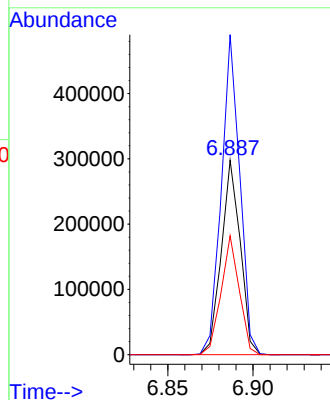
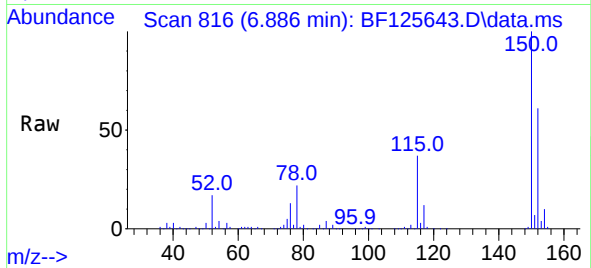




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

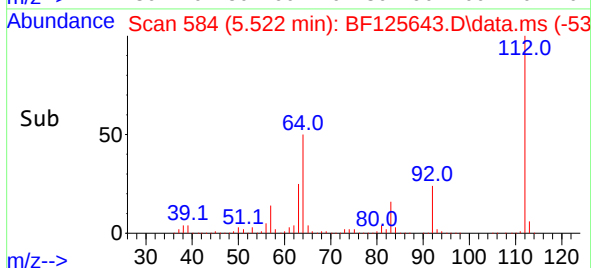
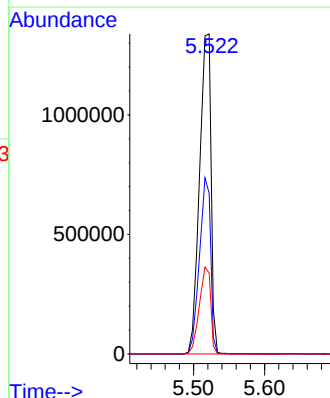
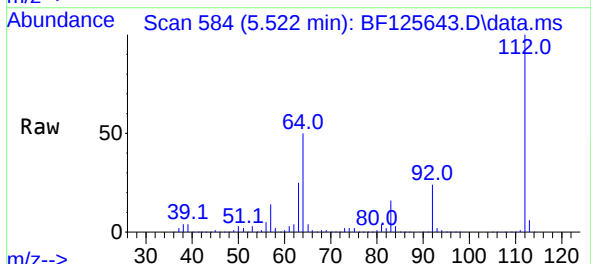
Instrument :
BNA_F
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

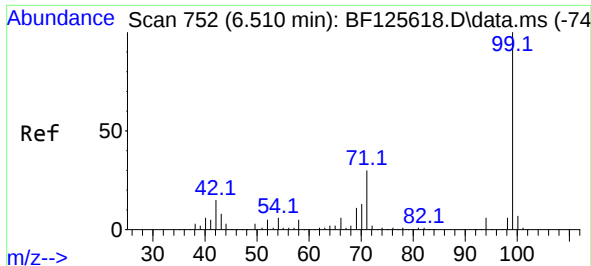
Tgt Ion:152 Resp: 229886
Ion Ratio Lower Upper
152 100
150 164.6 117.6 176.4
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 109.09 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

Tgt Ion:112 Resp: 1522204
Ion Ratio Lower Upper
112 100
64 50.2 44.2 66.2
63 25.3 26.2 39.2#

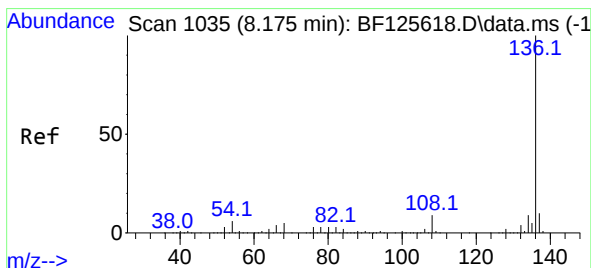
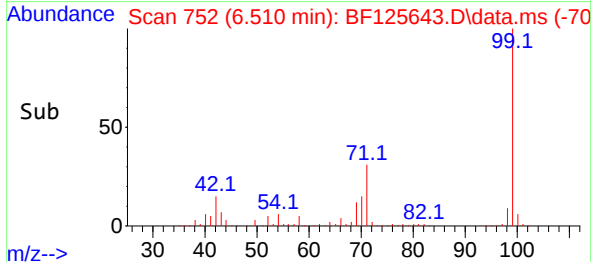
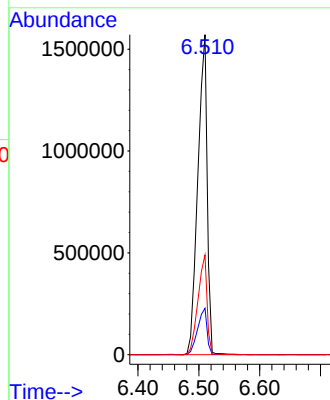
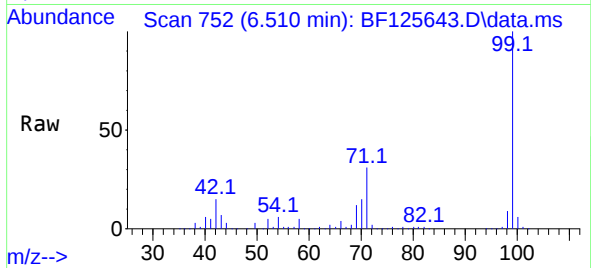




#7
Phenol-d6
Concen: 89.57 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

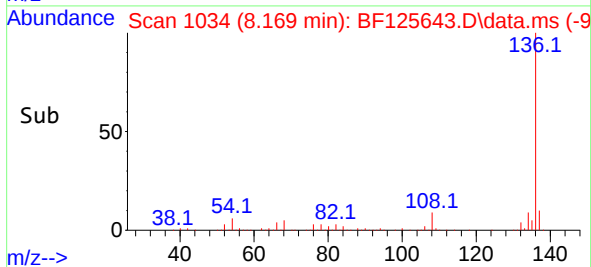
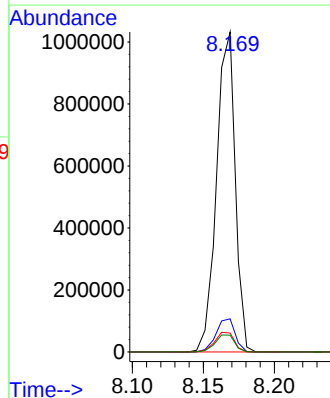
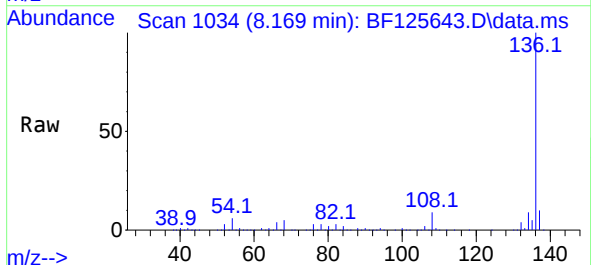
Instrument :
BNA_F
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

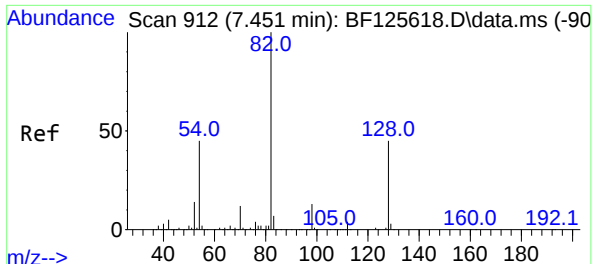
Tgt Ion: 99 Resp: 1680305
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

Tgt Ion: 136 Resp: 944270
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 5.9 6.4 9.6#
68 5.2 3.3 4.9#

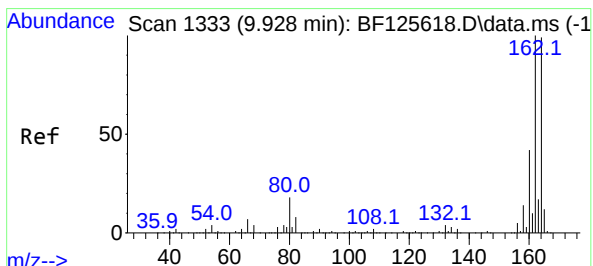
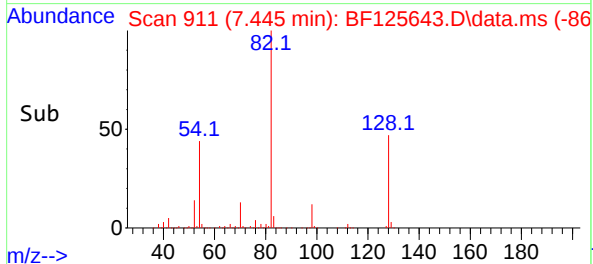
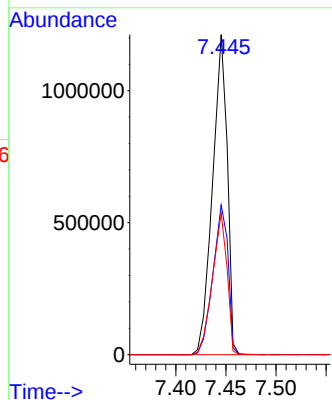
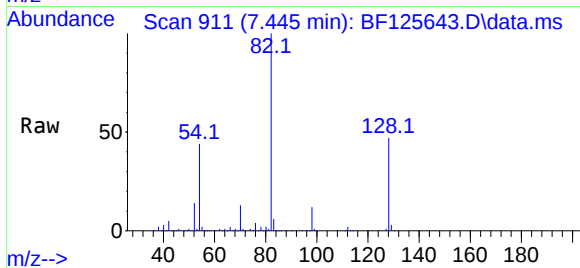




#23
Nitrobenzene-d5
Concen: 91.47 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

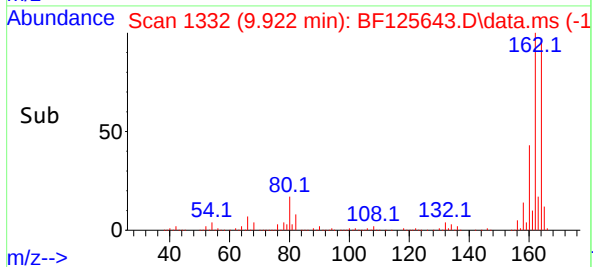
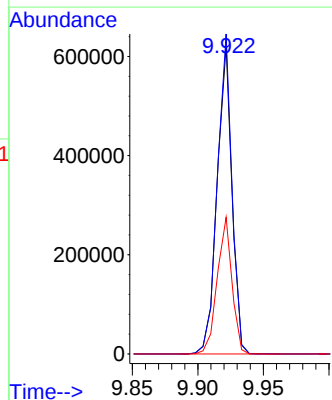
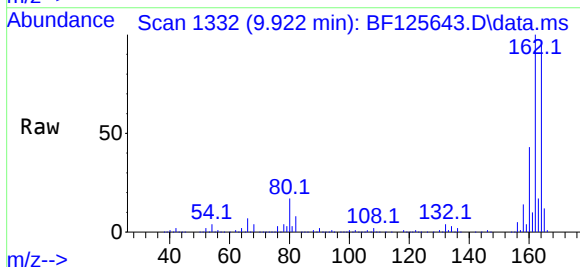
Instrument :
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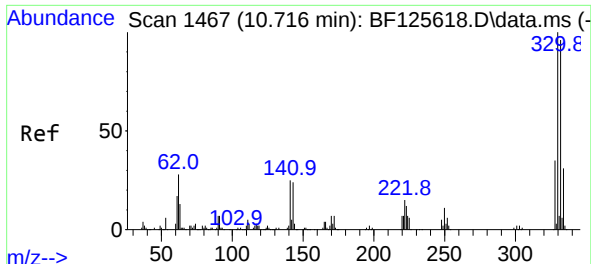
Tgt Ion: 82 Resp: 1238262
Ion Ratio Lower Upper
82 100
128 46.8 40.6 60.8
54 44.2 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

Tgt Ion:164 Resp: 488213
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 44.4 38.0 57.0

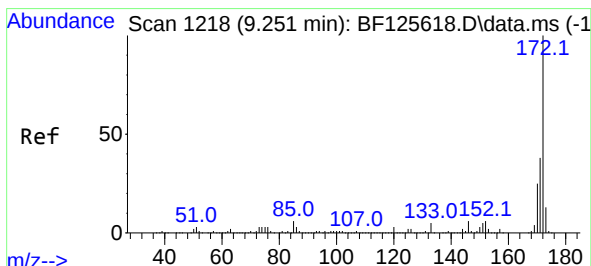
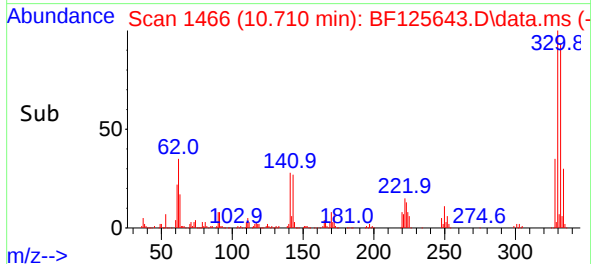
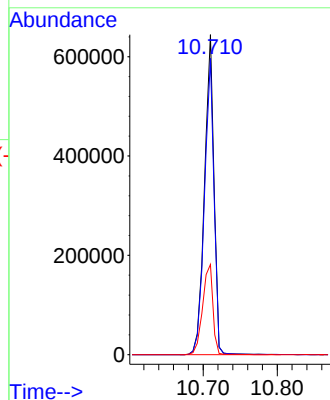
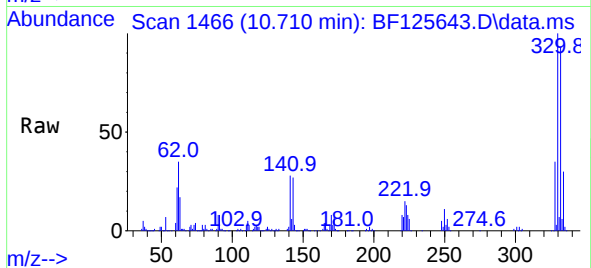




#42
2,4,6-Tribromophenol
Concen: 126.73 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

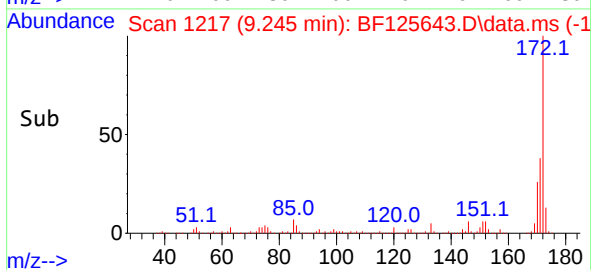
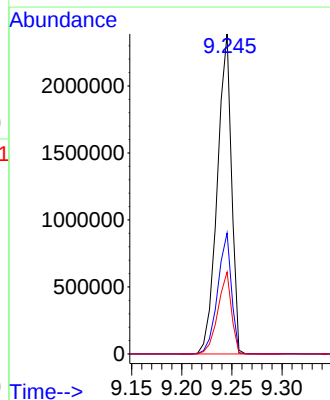
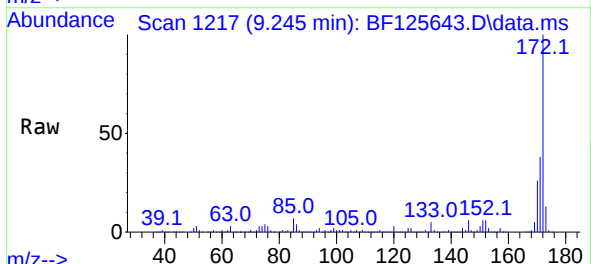
Instrument :
BNA_F
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

Tgt Ion: 330 Resp: 576873
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 30.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 86.98 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

Tgt Ion: 172 Resp: 2354752
Ion Ratio Lower Upper
172 100
171 37.8 26.5 39.7
170 25.6 18.8 28.2

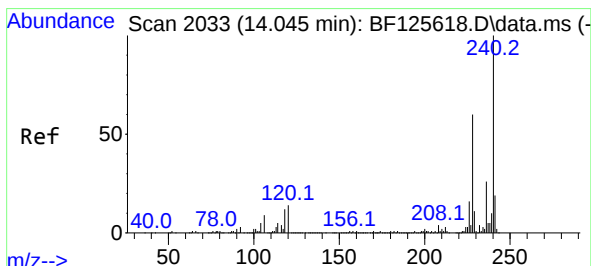
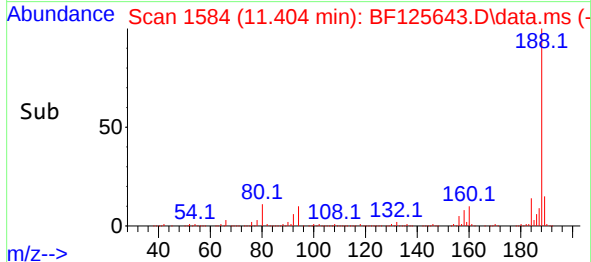
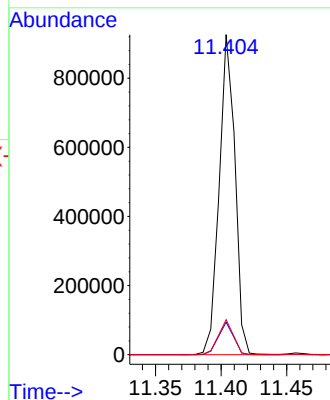
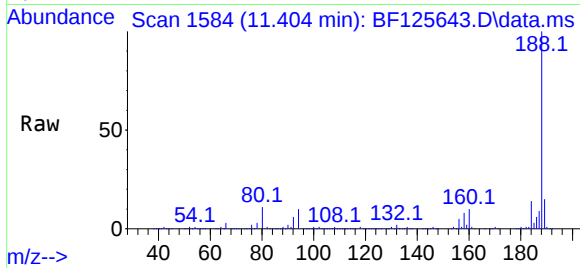




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

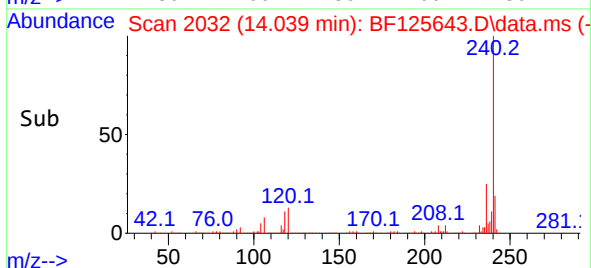
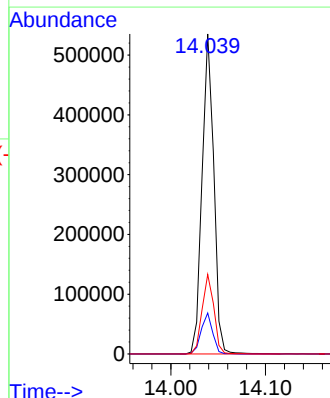
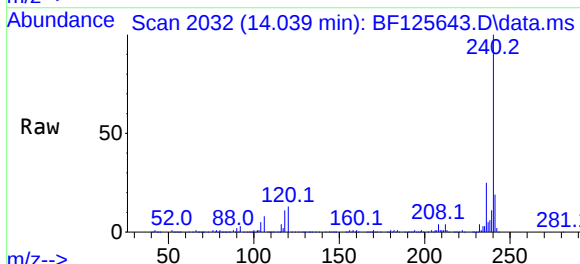
Instrument :
BNA_F
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

Tgt Ion:188 Resp: 773295
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

Tgt Ion:240 Resp: 460137
Ion Ratio Lower Upper
240 100
120 12.8 10.8 16.2
236 24.9 21.6 32.4

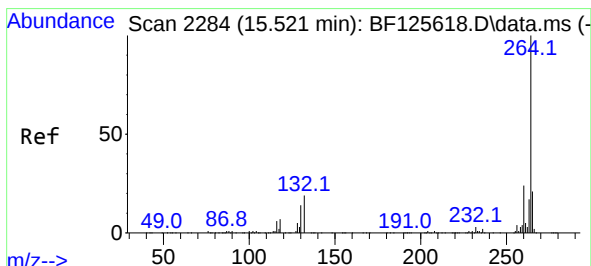
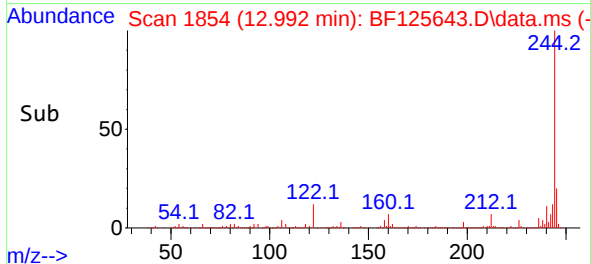
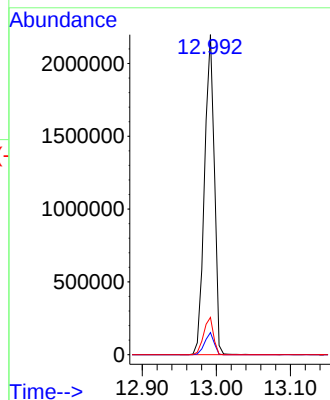
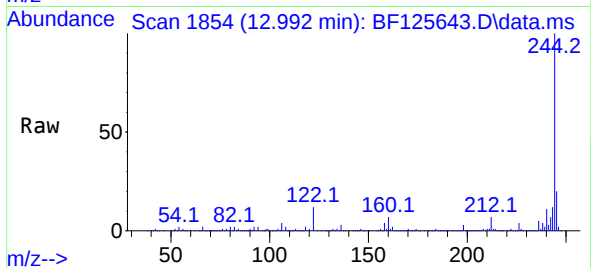




#79
Terphenyl-d14
Concen: 76.67 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

Instrument :
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JET-GROUT-SPOIL-STEEL-WHEEL

Tgt Ion:244 Resp: 2037162
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.7 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125643.D
Acq: 25 Sep 2021 3:00

Tgt Ion:264 Resp: 478496
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 20.2 17.2 25.8

