

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109660.D
 Acq On : 8 Oct 2018 21:01
 Operator : JU/SJ
 Sample : J5270-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-3-SOIL

Quant Time: Oct 09 04:45:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

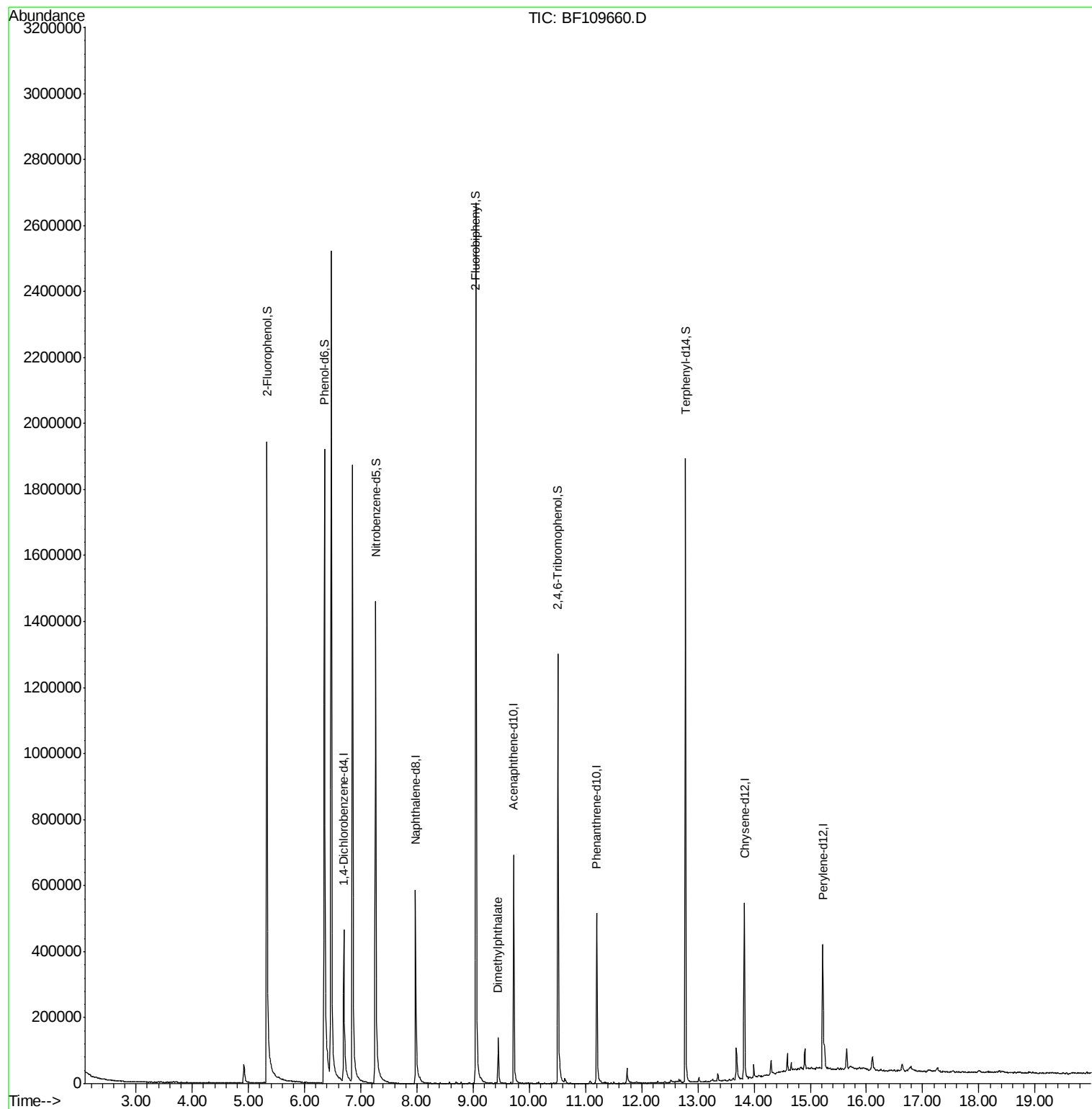
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101041	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	384991	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	152986	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	244108	20.00	ng	0.00
75) Chrysene-d12	13.83	240	212166	20.00	ng	0.00
86) Perylene-d12	15.22	264	185697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	760017	133.52	ng	0.00
7) Phenol-d6	6.36	99	1023719	134.62	ng	0.00
23) Nitrobenzene-d5	7.26	82	646033	92.50	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	186556	111.91	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	950645	85.58	ng	0.00
78) Terphenyl-d14	12.78	244	644293	58.79	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	72478	6.460	ng	99

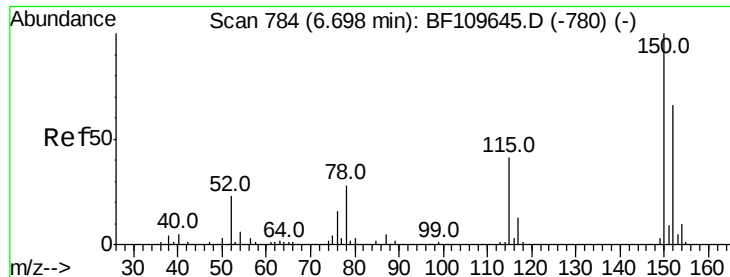
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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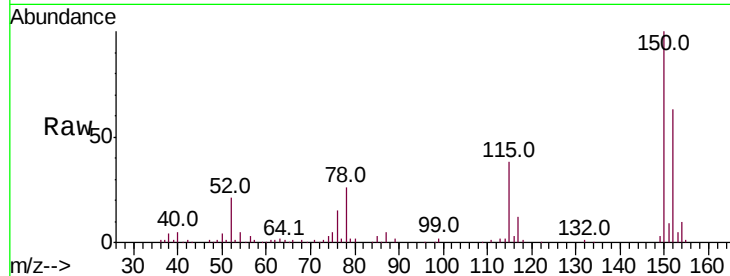


#1

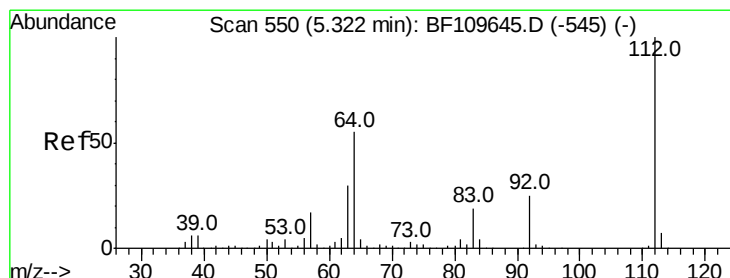
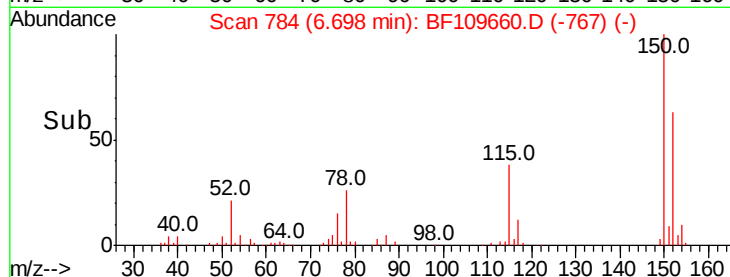
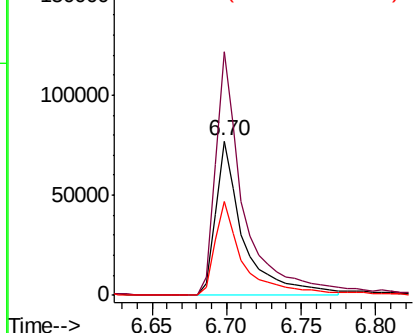
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109660.D
Acq: 8 Oct 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PHASE-3-SOIL

Tot Ion:152 Resp: 101041
Ion Ratio Lower Upper
152 100
150 157.6 122.7 184.1
115 60.6 49.1 73.7



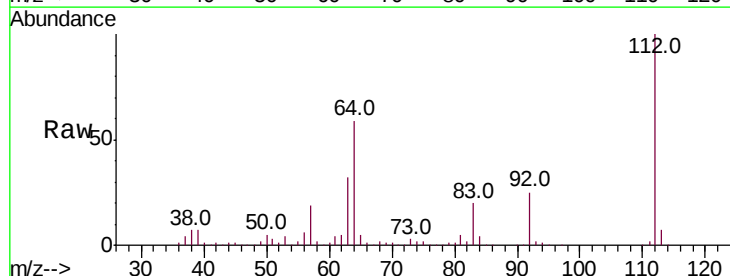
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



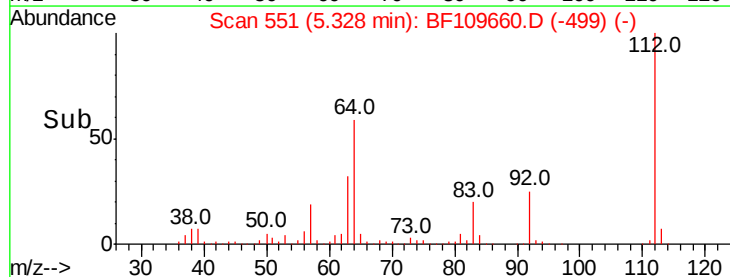
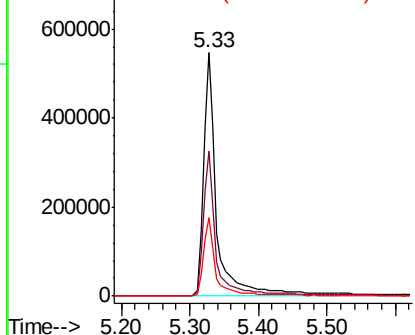
#5

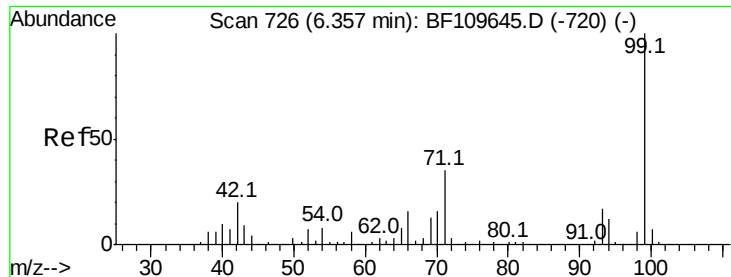
2-Fluorophenol
Concen: 133.515 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109660.D
Acq: 8 Oct 2018 21:01

Tgt Ion:112 Resp: 760017
Ion Ratio Lower Upper
112 100
64 59.4 44.1 66.1
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 134.623 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109660.D

Acq: 8 Oct 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PHASE-3-SOIL

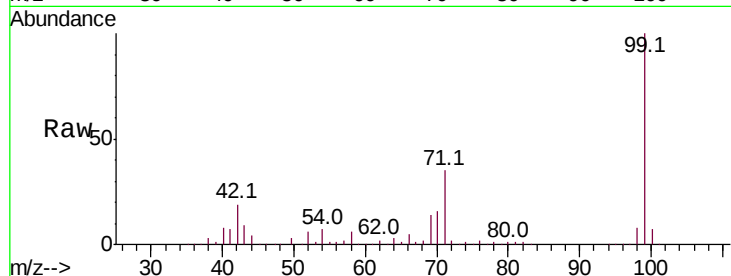
Tot Ion: 99 Resp: 1023719

Ion Ratio Lower Upper

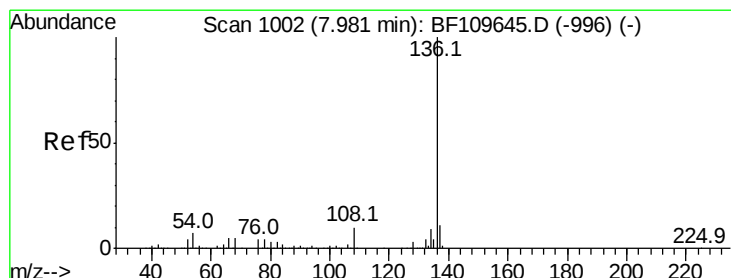
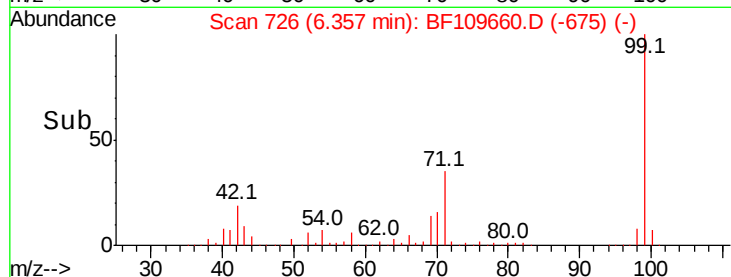
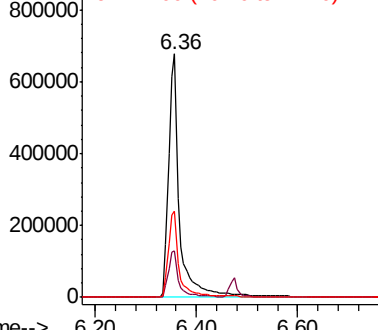
99 100

42 19.3 15.8 23.6

71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109660.D

Acq: 8 Oct 2018 21:01

Tgt Ion:136 Resp: 384991

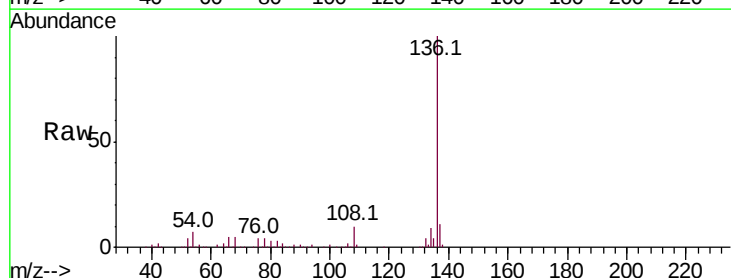
Ion Ratio Lower Upper

136 100

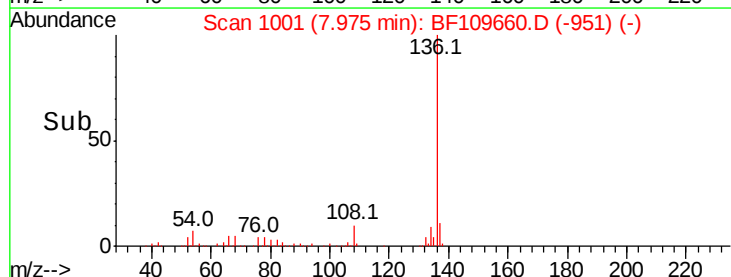
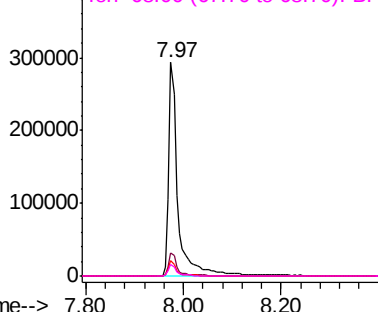
137 11.1 8.8 13.2

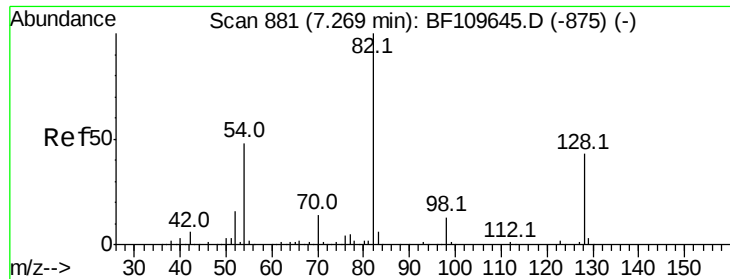
54 7.2 5.4 8.2

68 5.4 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

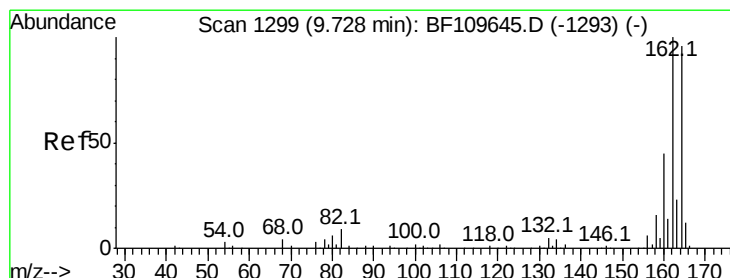
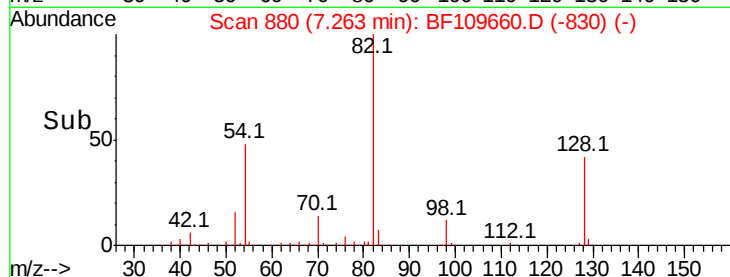
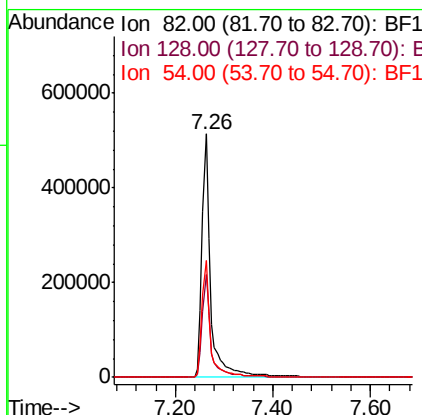
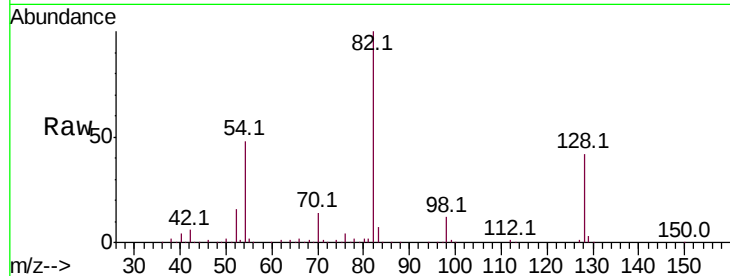




#23
 Nitrobenzene-d5
 Concen: 92.500 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109660.D
 Acq: 8 Oct 2018 21:01

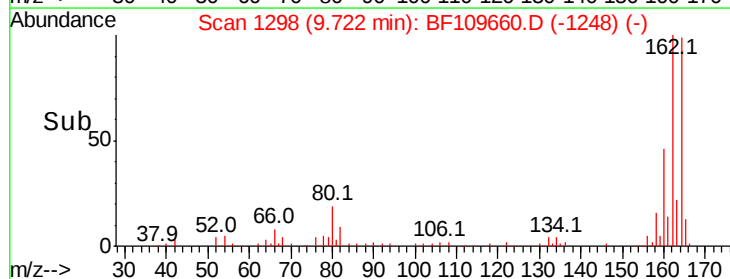
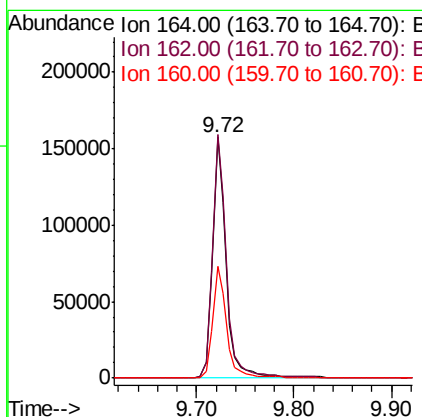
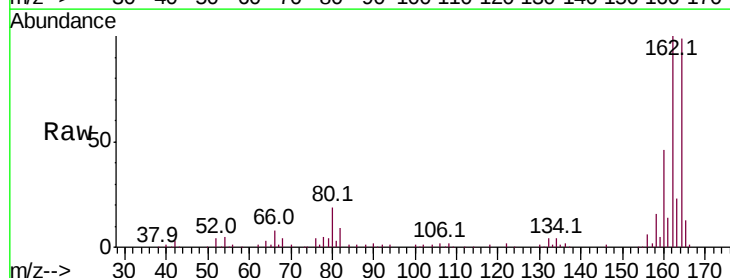
Instrument :
 BNA_F
 ClientSampleId :
 PHASE-3-SOIL

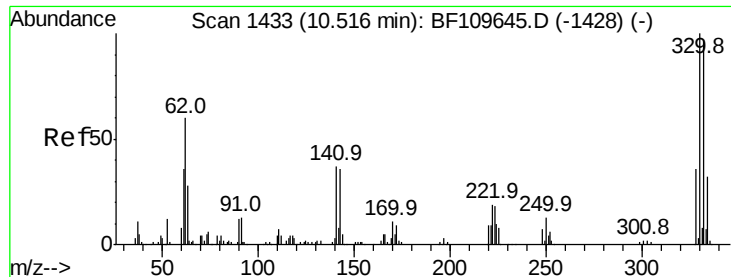
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.2	51.2
54	47.9	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109660.D
 Acq: 8 Oct 2018 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.0	124.6
160	46.4	37.0	55.6

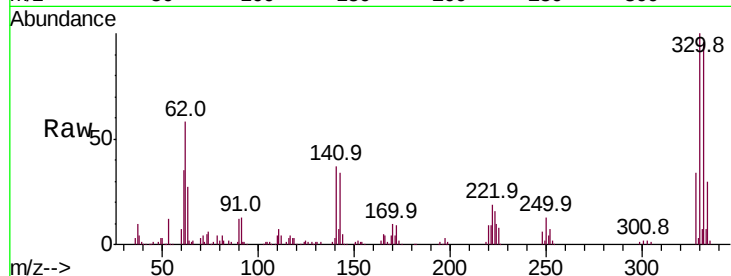




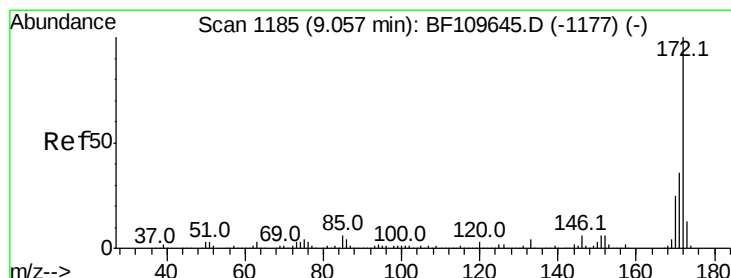
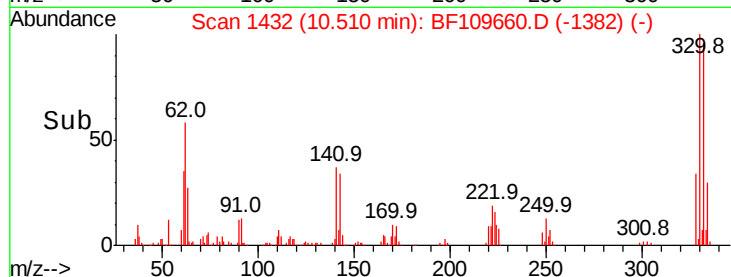
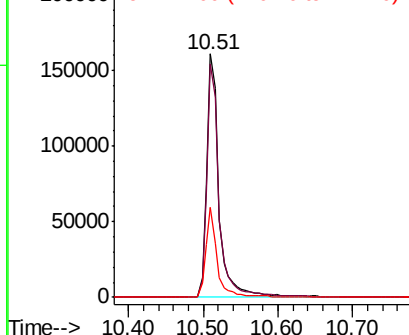
#41
 2,4,6-Tribromophenol
 Concen: 111.915 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109660.D
 Acq: 8 Oct 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-3-SOIL

Tot Ion:330 Resp: 186556
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 34.6 27.0 40.4

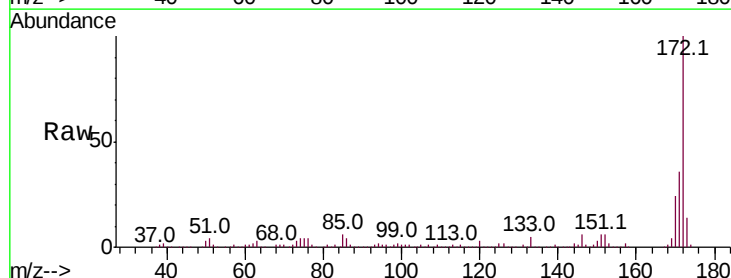


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

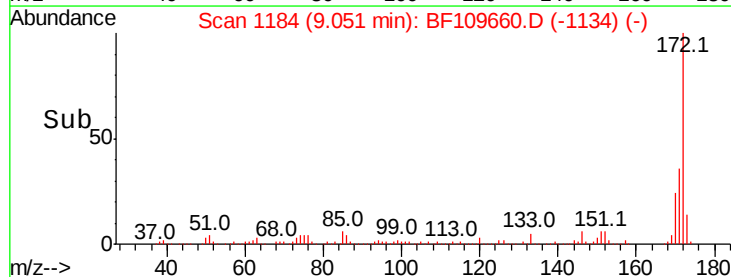
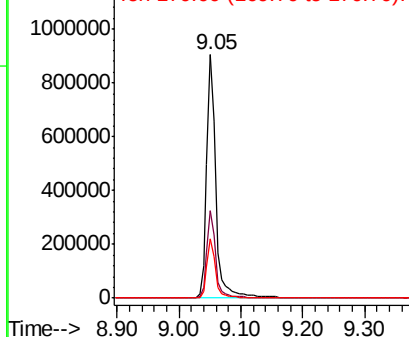


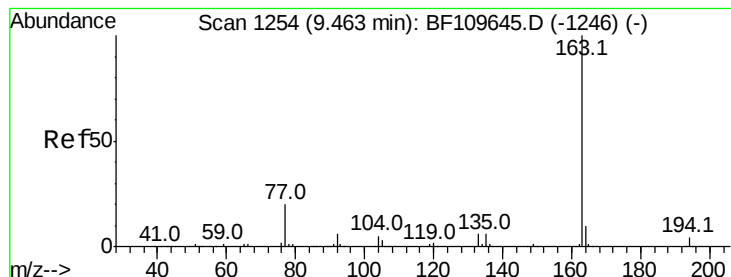
#44
 2-Fluorobiphenyl
 Concen: 85.582 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109660.D
 Acq: 8 Oct 2018 21:01

Tgt Ion:172 Resp: 950645
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.4 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.460 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109660.D

Acq: 8 Oct 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PHASE-3-SOIL

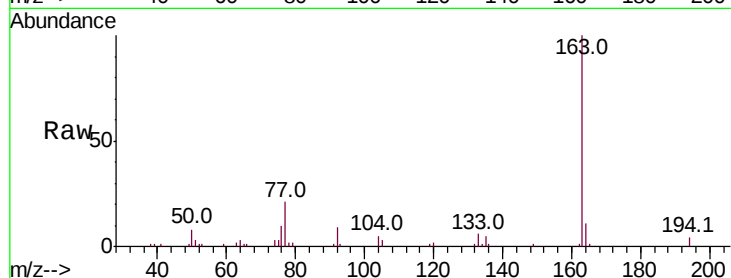
Tot Ion:163 Resp: 72478

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

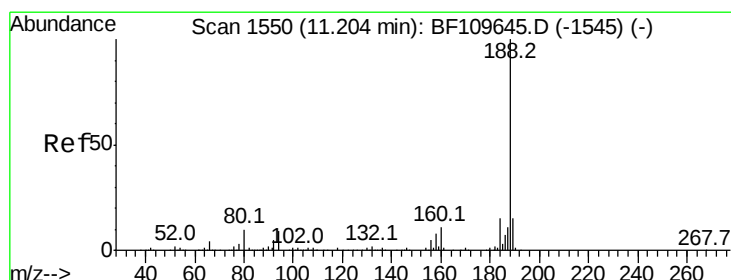
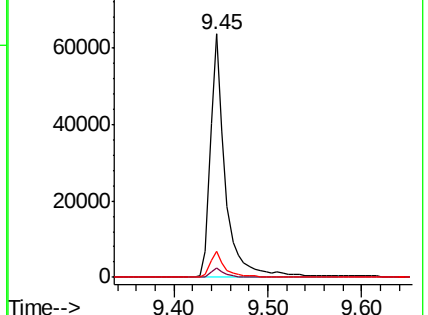
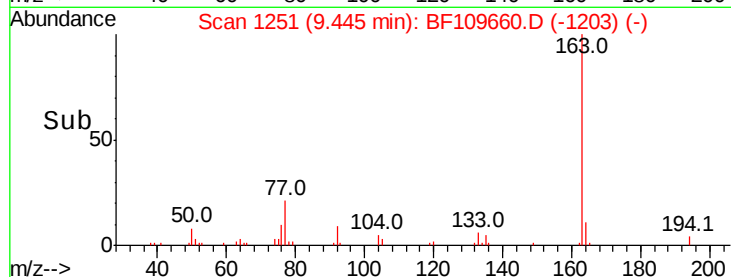
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109660.D

Acq: 8 Oct 2018 21:01

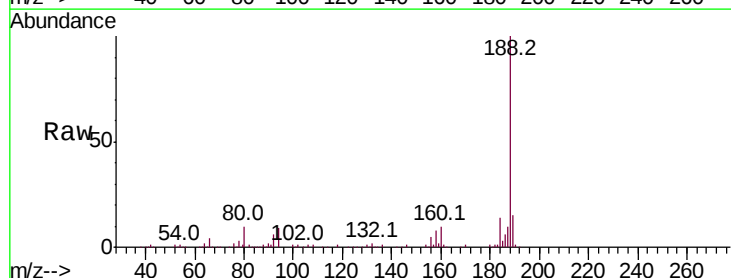
Tgt Ion:188 Resp: 244108

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

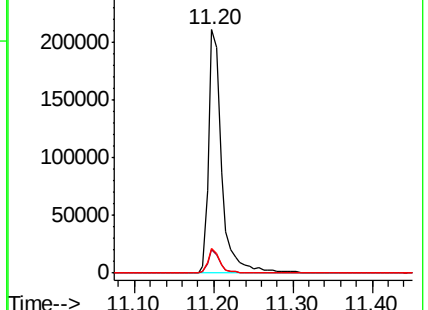
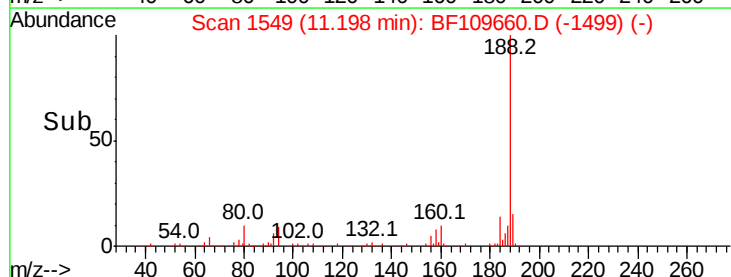
80 9.9 7.9 11.9

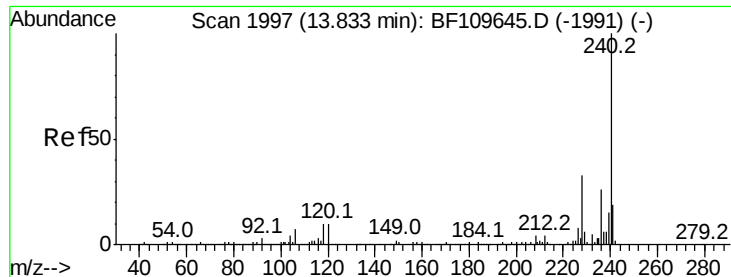


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109660.D

Acq: 8 Oct 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PHASE-3-SOIL

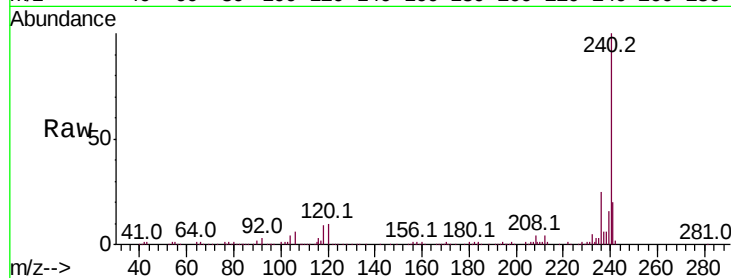
Tot Ion:240 Resp: 212166

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

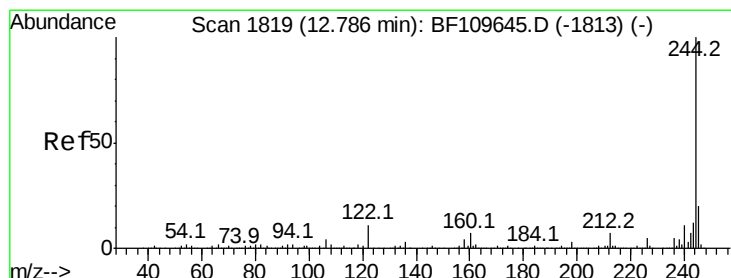
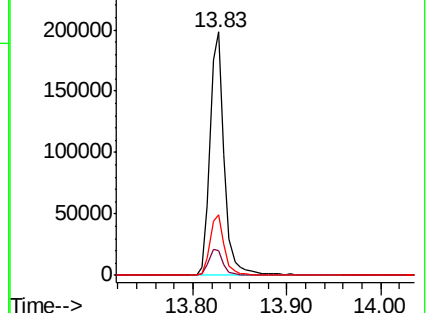
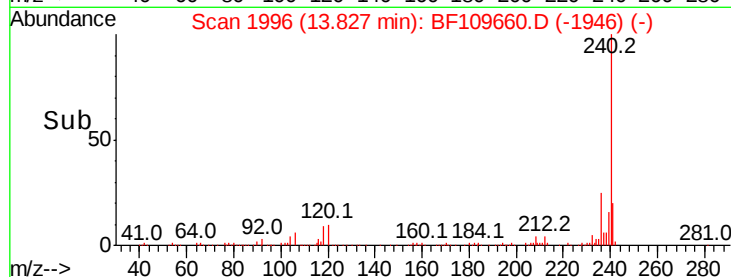
236 24.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 58.786 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109660.D

Acq: 8 Oct 2018 21:01

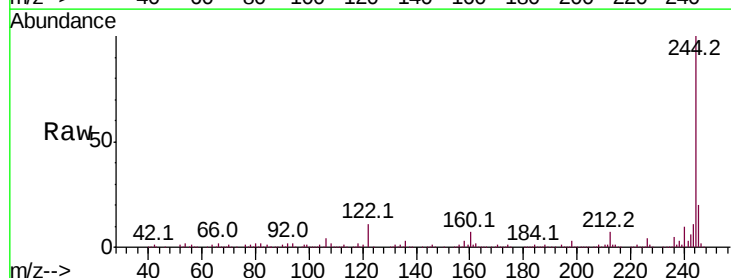
Tgt Ion:244 Resp: 644293

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

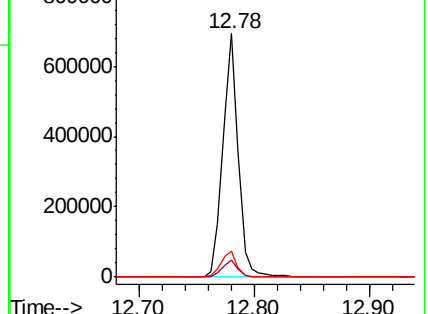
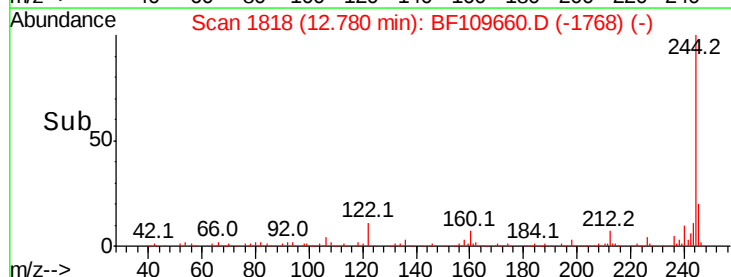
122 10.7 8.7 13.1

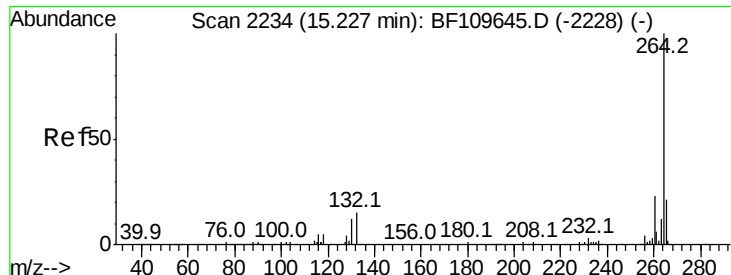


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

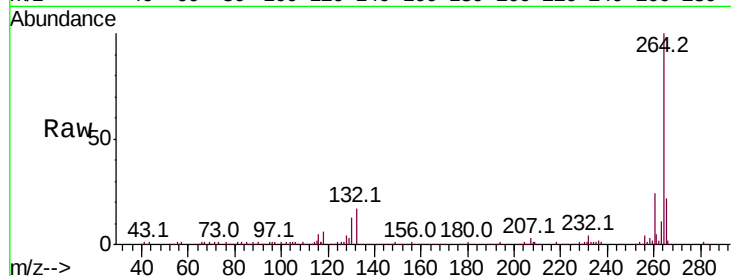




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109660.D
 Acq: 8 Oct 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-3-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.9	16.7	25.1



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

