

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099628.D
 Acq On : 18 Oct 2017 20:19
 Operator : SJ/JU
 Sample : I5942-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1-2

Quant Time: Oct 18 22:44:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

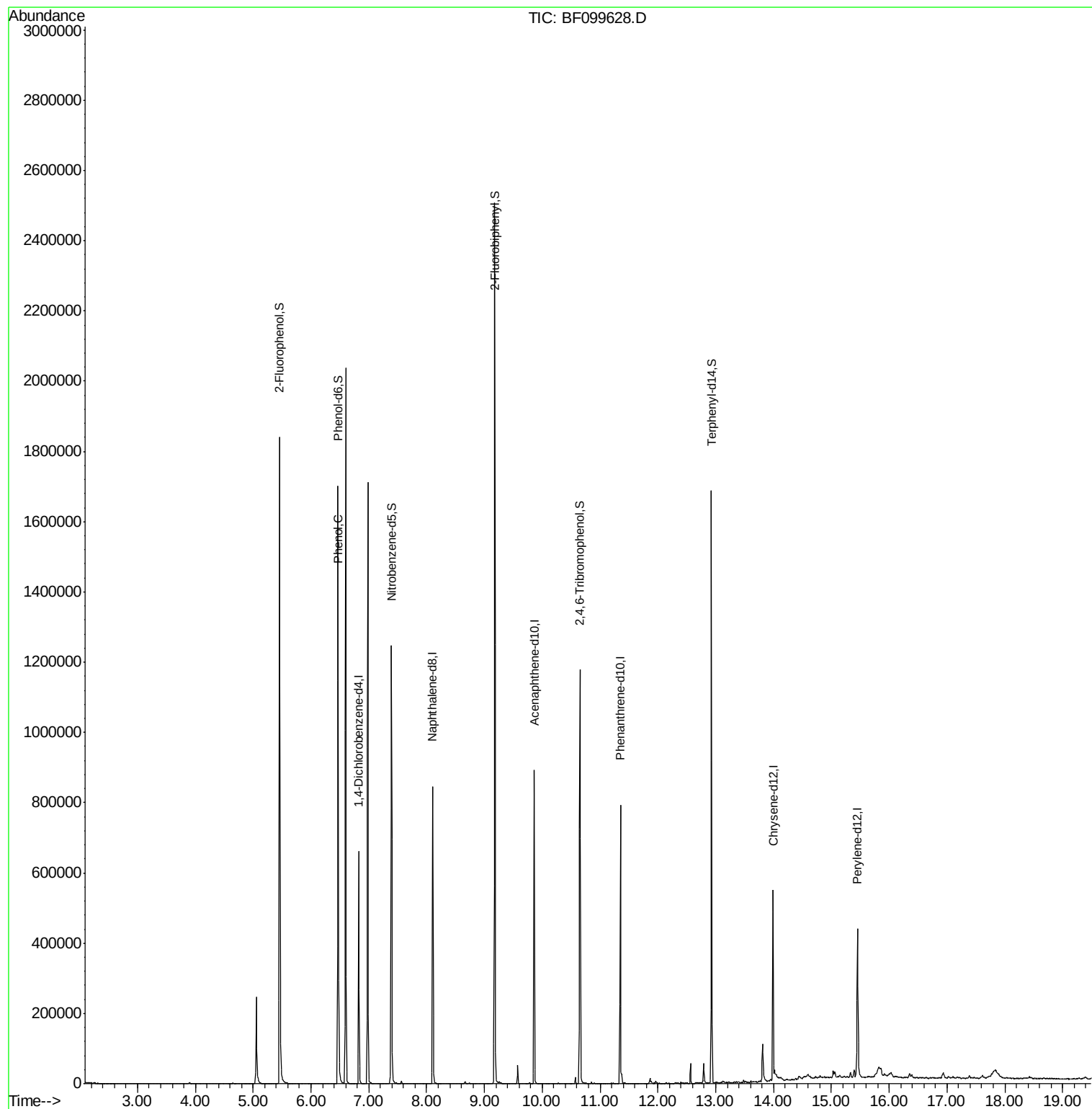
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	100712	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	418213	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	184830	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	290023	20.00	ng	0.00
75) Chrysene-d12	13.99	240	176694	20.00	ng	0.00
86) Perylene-d12	15.46	264	191122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	582016	92.00	ng	0.00
7) Phenol-d6	6.47	99	690683	88.50	ng	-0.01
23) Nitrobenzene-d5	7.39	82	400455	61.41	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	134478	88.92	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	783620	70.78	ng	0.00
78) Terphenyl-d14	12.93	244	528151	67.98	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.48	94	31932	3.658	ng	96

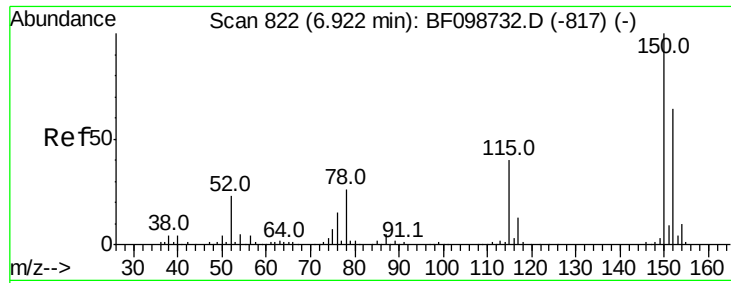
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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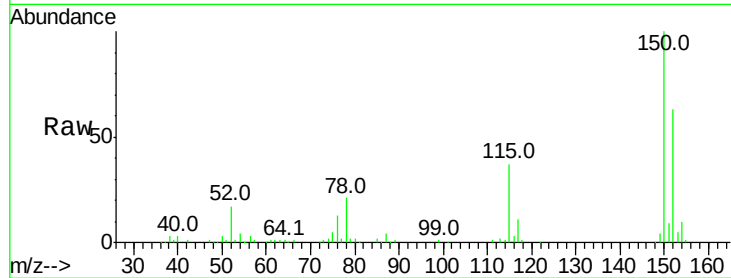


#1

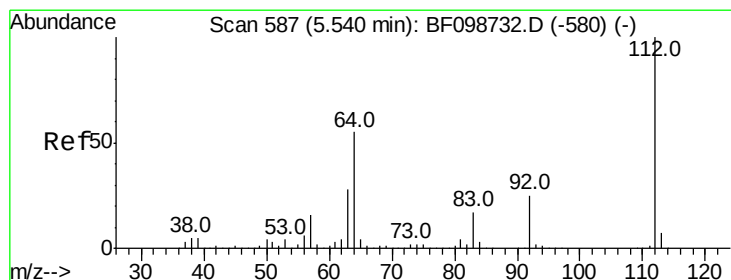
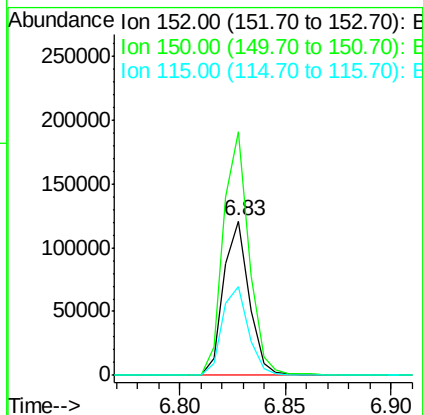
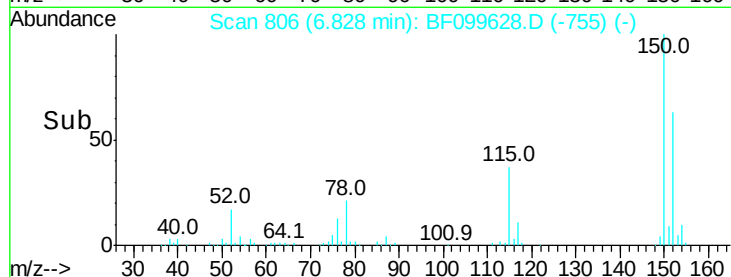
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099628.D
Acq: 18 Oct 2017 20:19

Instrument :
BNA_F
ClientSampleId :
SOIL-1-2

Tot Ion:152 Resp: 100712
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 58.0 50.1 75.1



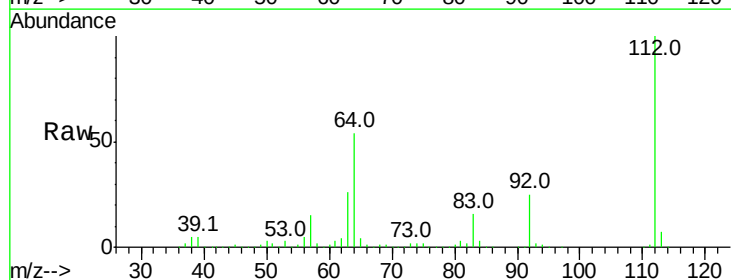
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



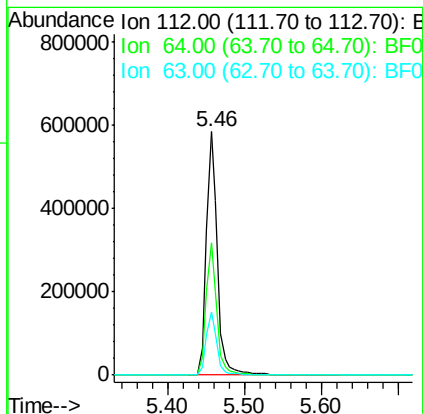
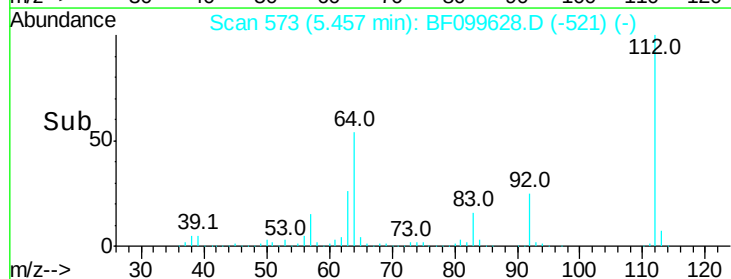
#5

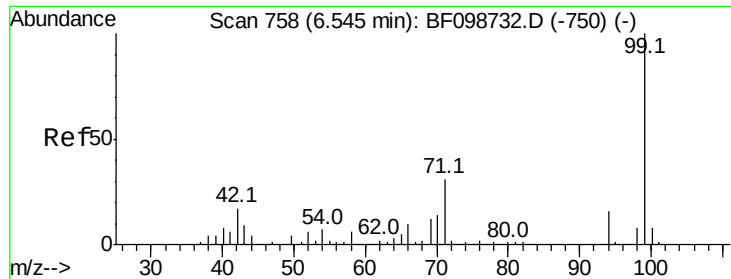
2-Fluorophenol
Concen: 91.996 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099628.D
Acq: 18 Oct 2017 20:19

Tgt Ion:112 Resp: 582016
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 26.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.498 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099628.D

Acq: 18 Oct 2017 20:19

Instrument :

BNA_F

ClientSampled :

SOIL-1-2

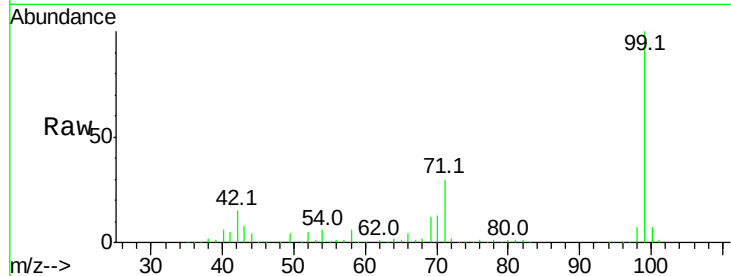
Tot Ion: 99 Resp: 690683

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

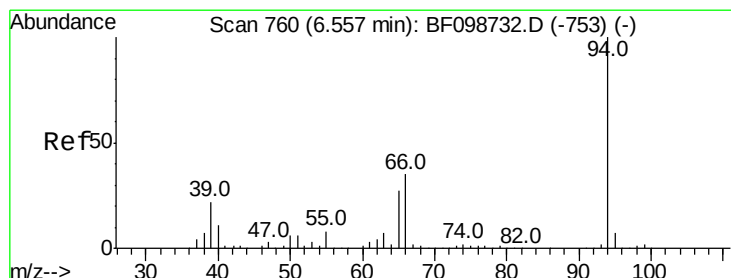
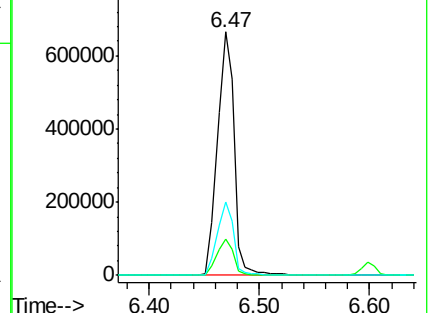
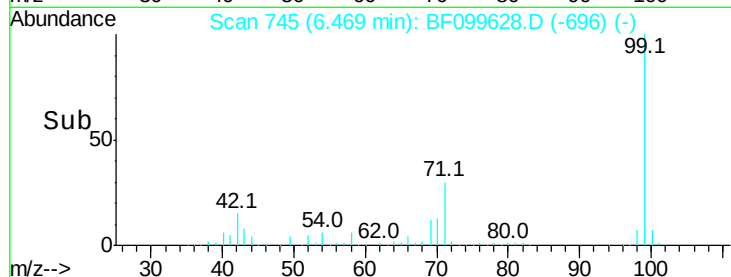
71 30.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.658 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099628.D

Acq: 18 Oct 2017 20:19

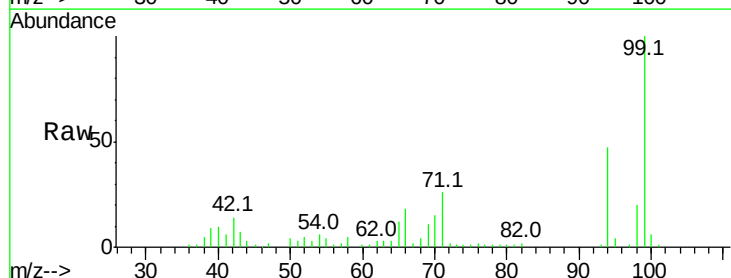
Tgt Ion: 94 Resp: 31932

Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

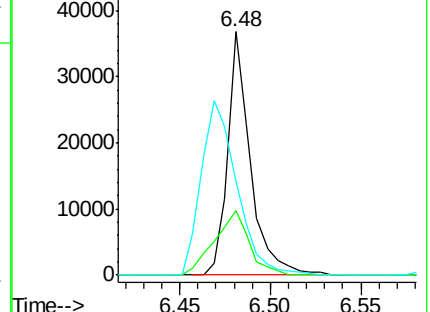
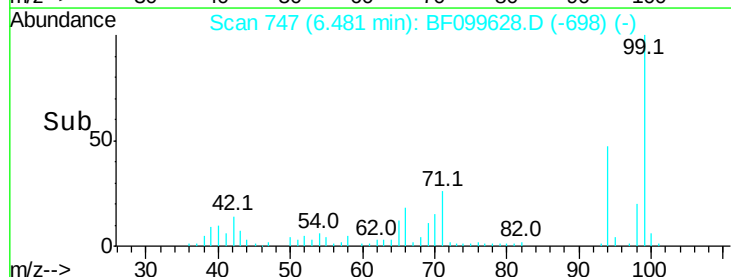
66 38.5 16.2 56.2

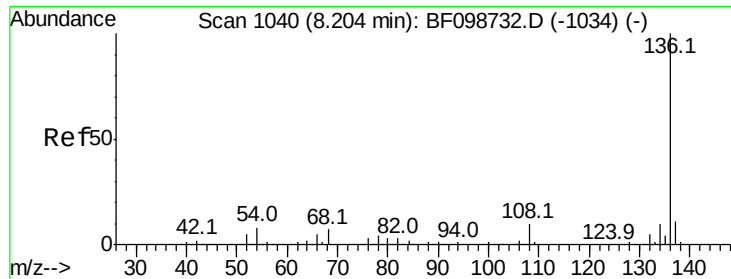


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

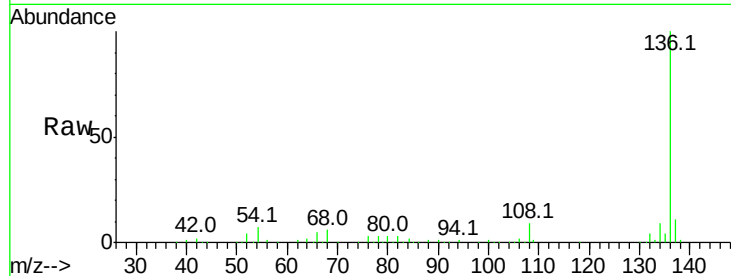




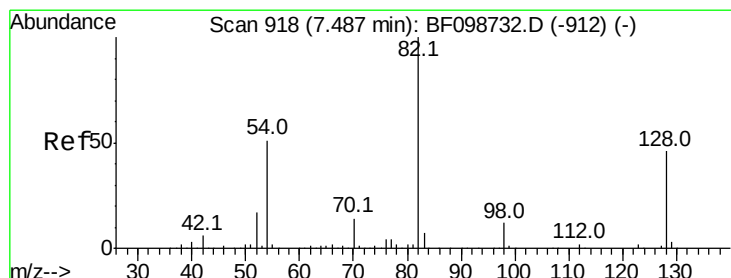
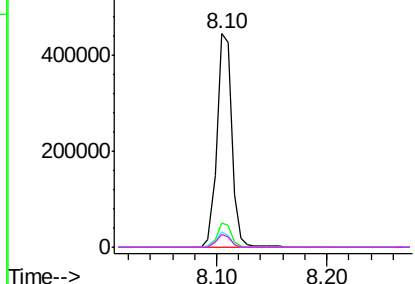
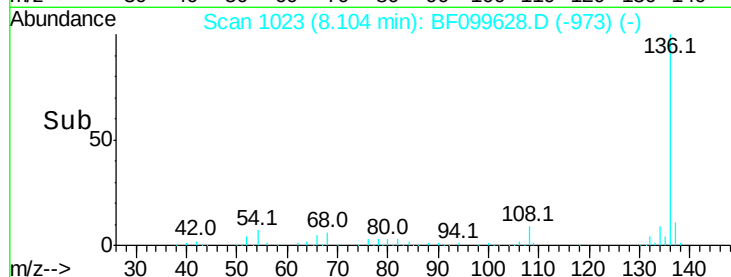
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099628.D
Acq: 18 Oct 2017 20:19

Instrument :
BNA_F
ClientSampleId :
SOIL-1-2

Tot Ion:	136	Resp:	418213
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	6.6	9.8
68	6.2	5.0	7.4

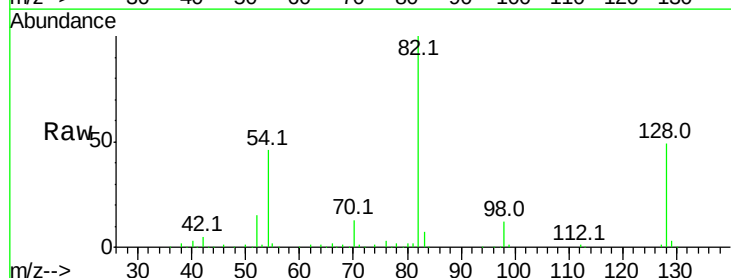


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

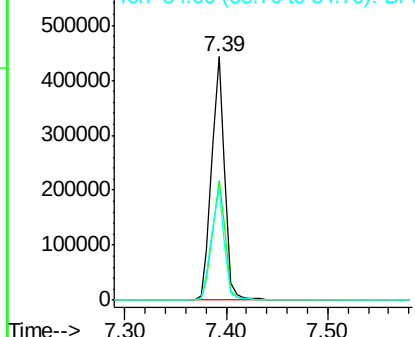
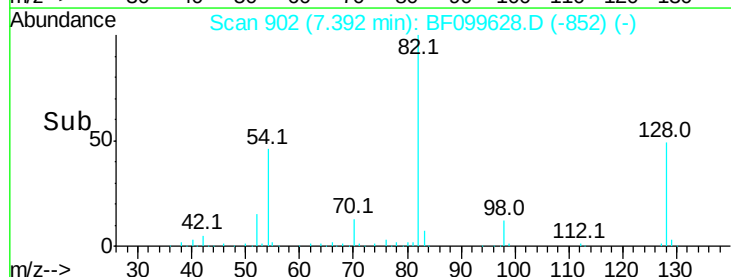


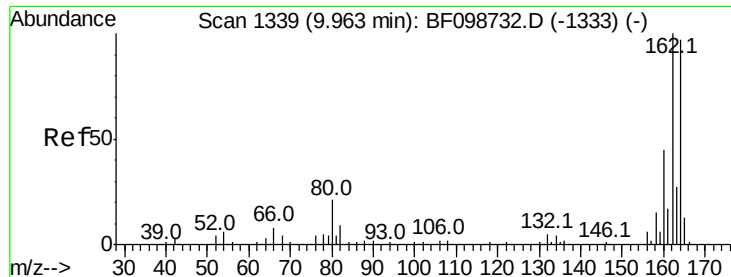
#23
Nitrobenzene-d5
Concen: 61.407 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099628.D
Acq: 18 Oct 2017 20:19

Tgt Ion:	82	Resp:	400455
Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	46.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

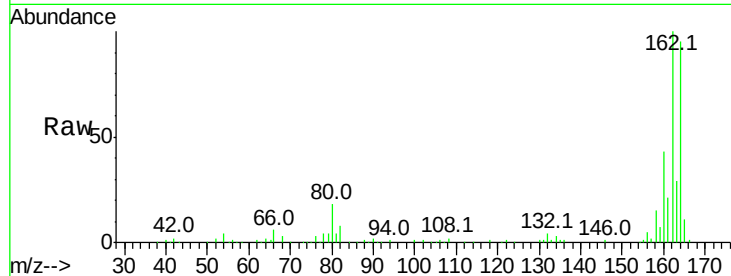




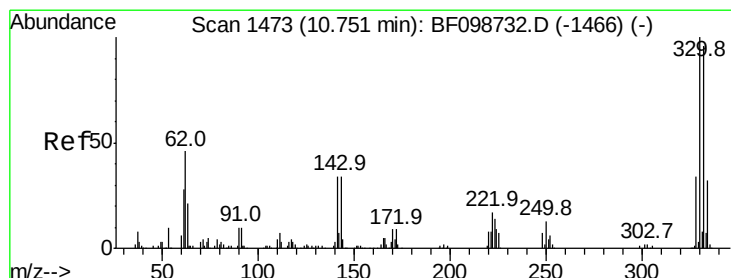
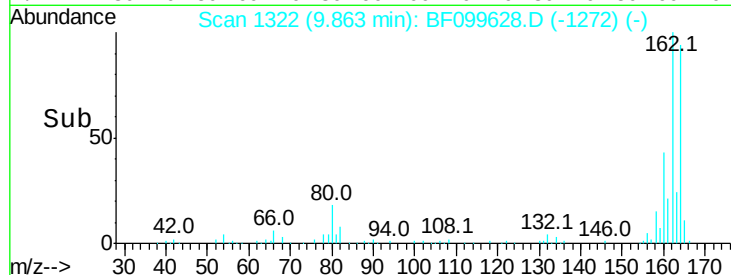
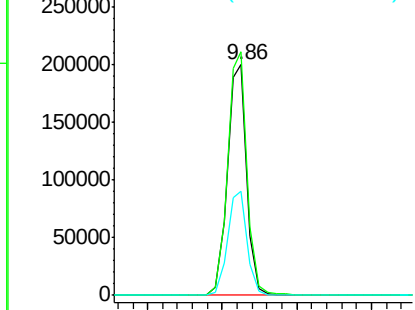
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099628.D
 Acq: 18 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1-2

Tot Ion:164 Resp: 184830
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 45.4 38.3 57.5

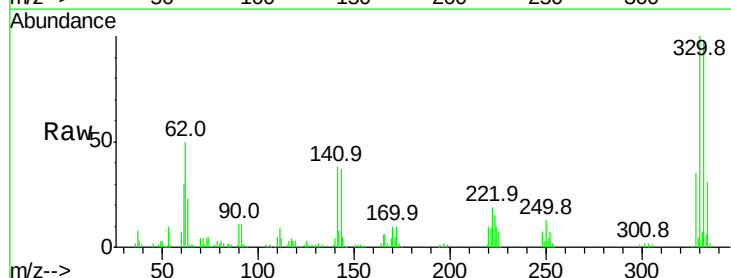


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

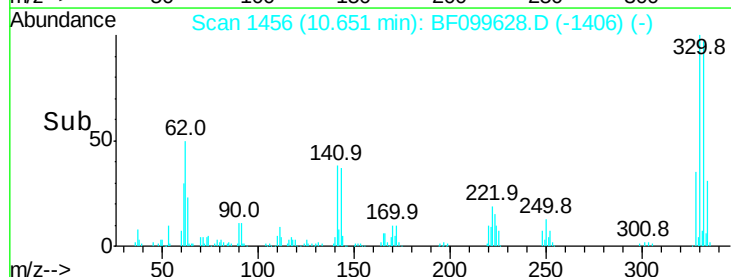
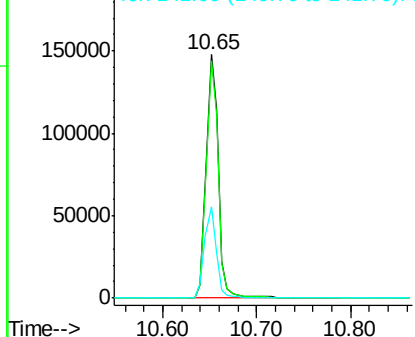


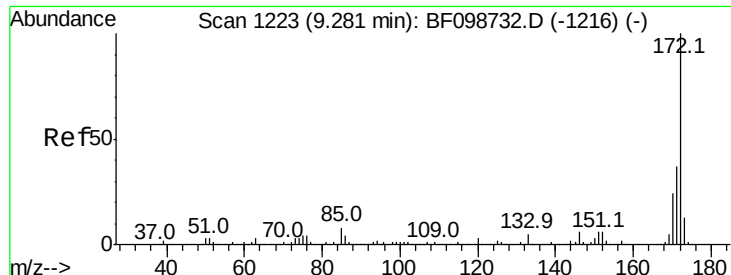
#41
 2,4,6-Tribromophenol
 Concen: 88.916 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099628.D
 Acq: 18 Oct 2017 20:19

Tgt Ion:330 Resp: 134478
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 36.9 29.9 44.9



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

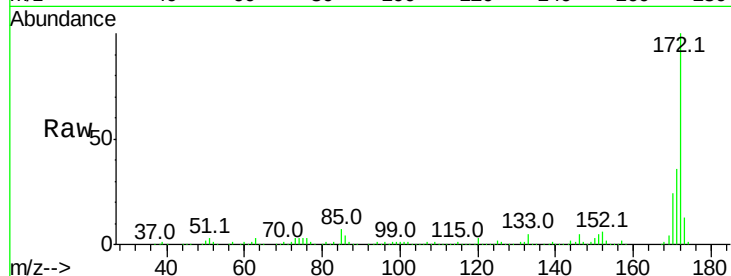




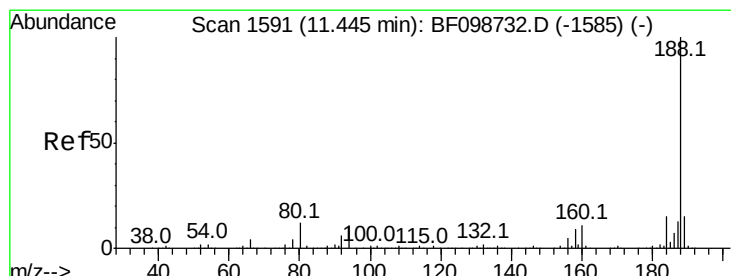
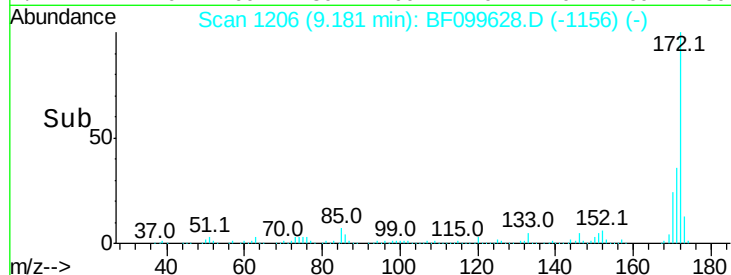
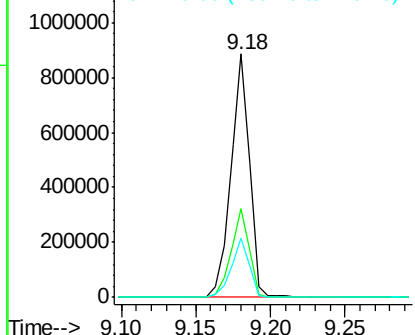
#44
 2-Fluorobiphenyl
 Concen: 70.778 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099628.D
 Acq: 18 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1-2

Tot Ion:	172	Resp:	783620
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

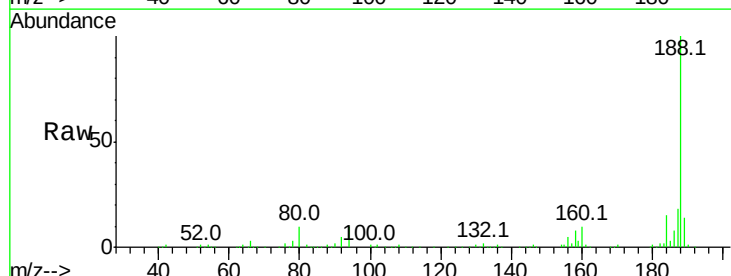


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

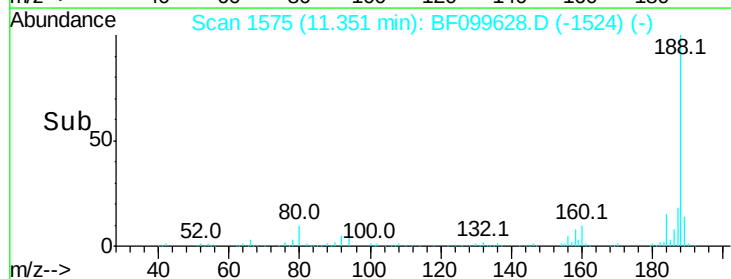
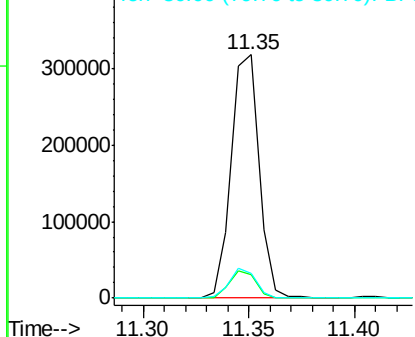


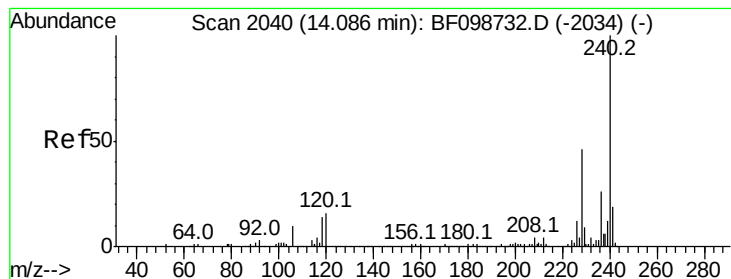
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099628.D
 Acq: 18 Oct 2017 20:19

Tgt Ion:	188	Resp:	290023
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099628.D

Acq: 18 Oct 2017 20:19

Instrument :

BNA_F

ClientSampleId :

SOIL-1-2

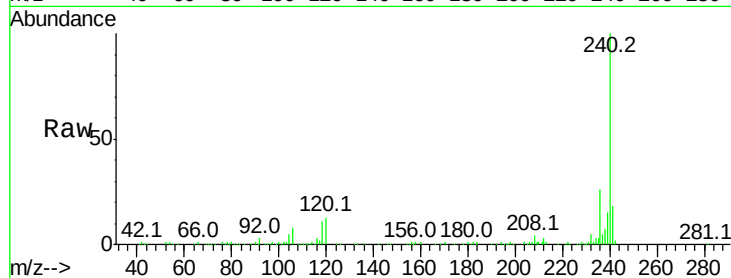
Tot Ion:240 Resp: 176694

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

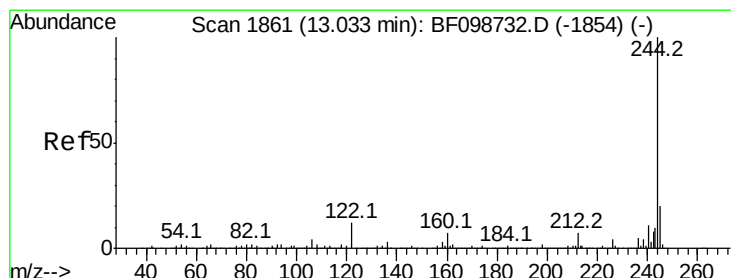
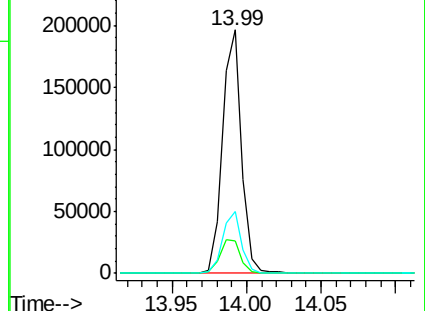
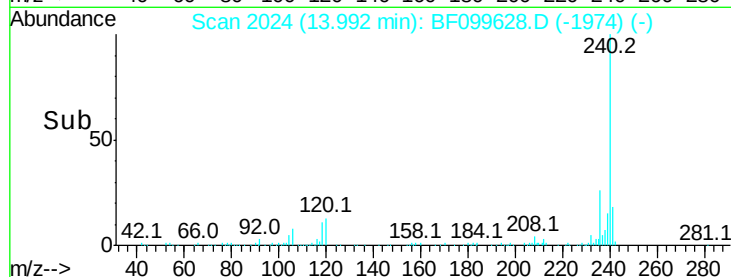
236 25.6 20.7 31.1



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: 67.978 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099628.D

Acq: 18 Oct 2017 20:19

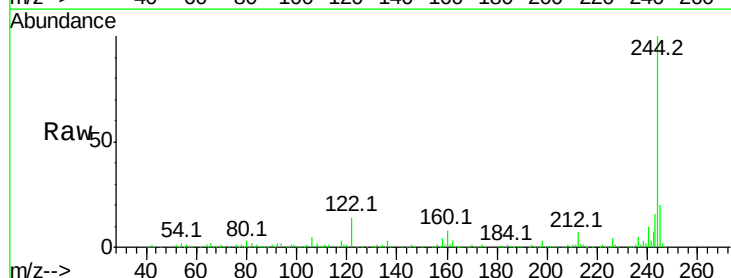
Tgt Ion:244 Resp: 528151

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

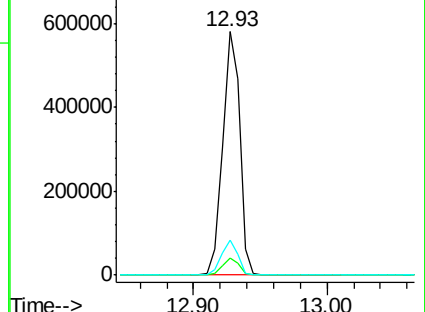
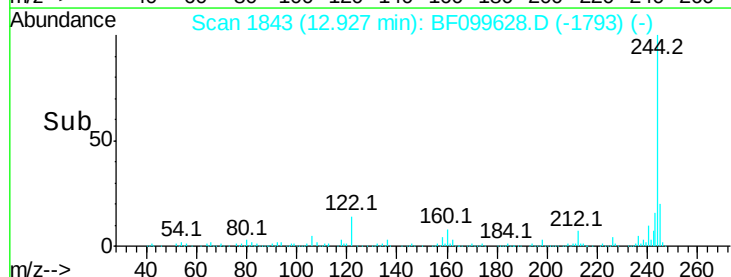
122 14.3 11.0 16.4

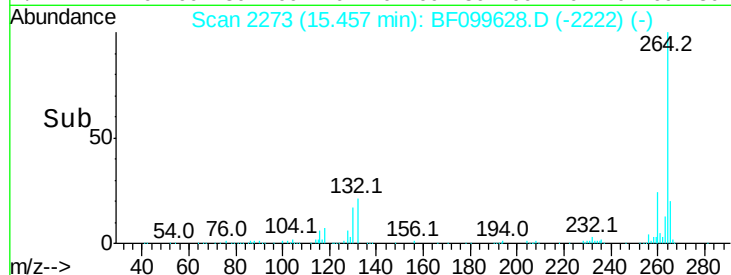
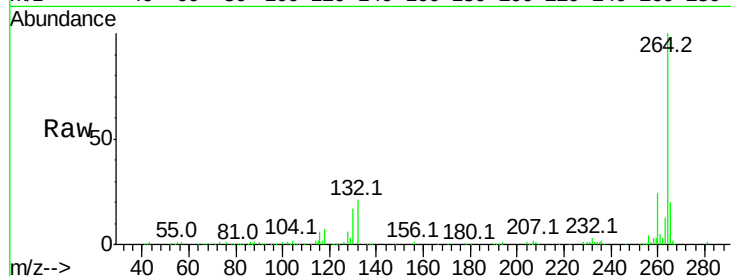
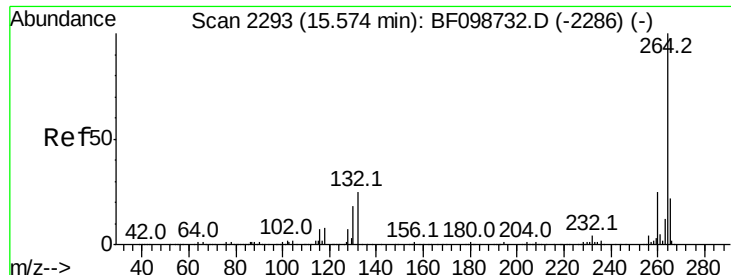


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099628.D
 Acq: 18 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1-2

Tot Ion:	264	Resp:	191122
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	20.3	17.5	26.3

