

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099578.D
 Acq On : 17 Oct 2017 7:31
 Operator : SJ/JU
 Sample : I5905-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS-9601

Quant Time: Oct 17 11:23:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

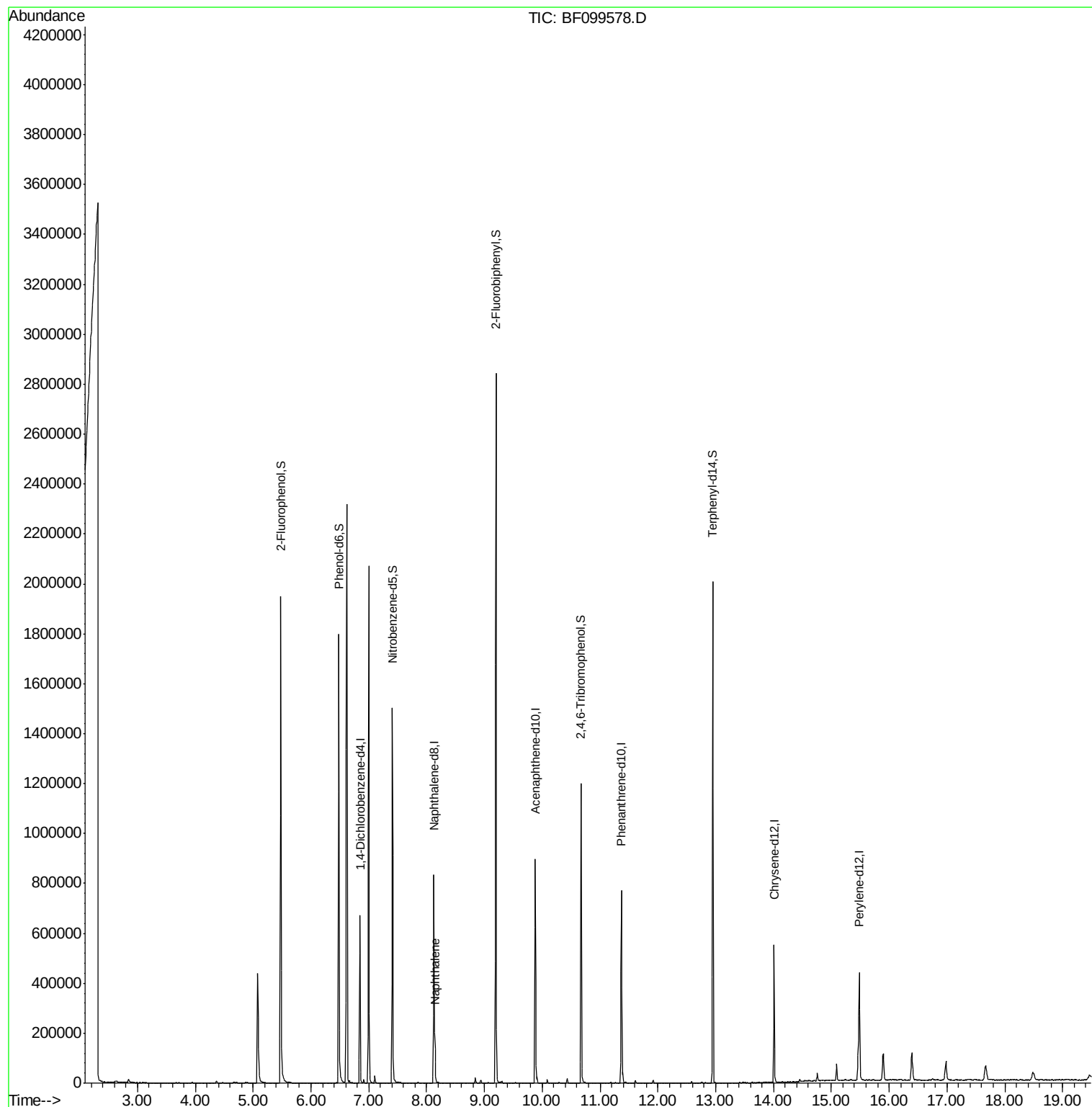
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	100968	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	406092	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	171321	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	249854	20.00	ng	0.00
75) Chrysene-d12	14.01	240	183962	20.00	ng	0.00
86) Perylene-d12	15.49	264	190778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	656711	103.54	ng	0.00
7) Phenol-d6	6.48	99	707902	90.47	ng	0.00
23) Nitrobenzene-d5	7.41	82	505820	79.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	151739	108.24	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	943422	91.93	ng	-0.01
78) Terphenyl-d14	12.95	244	626687	77.47	ng	0.00
Target Compounds						
31) Naphthalene	8.15	128	55472	2.908	ng	Qvalue 99

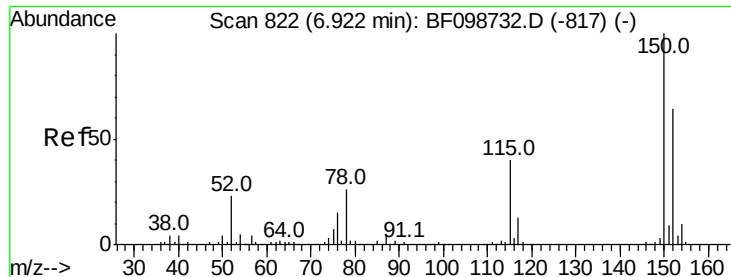
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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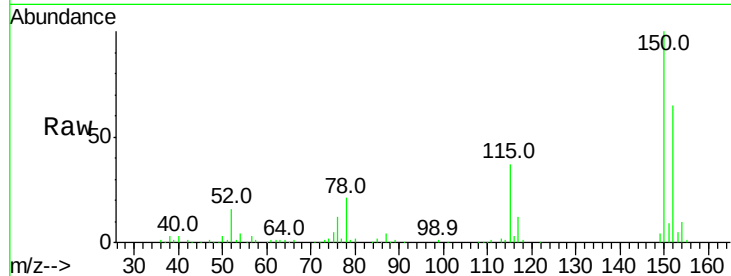


#1

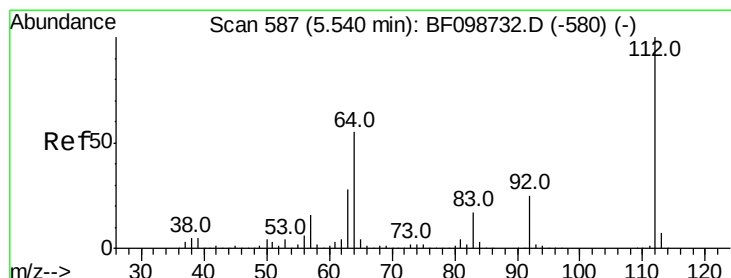
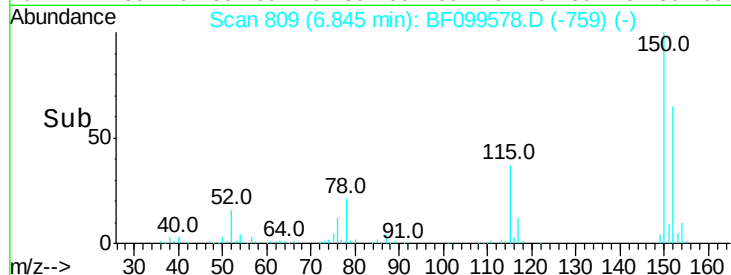
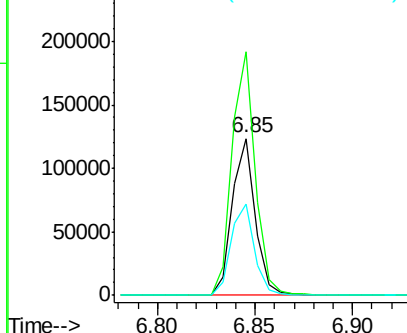
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-9601

Tot Ion:152 Resp: 100968
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 58.0 50.1 75.1



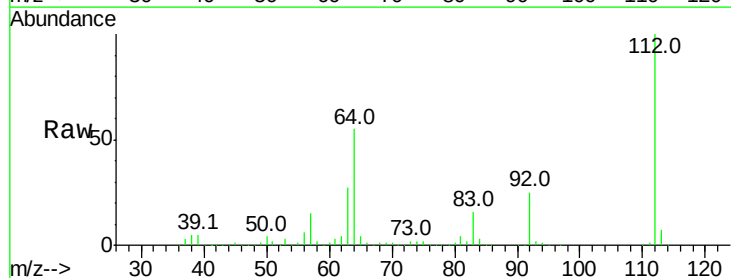
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



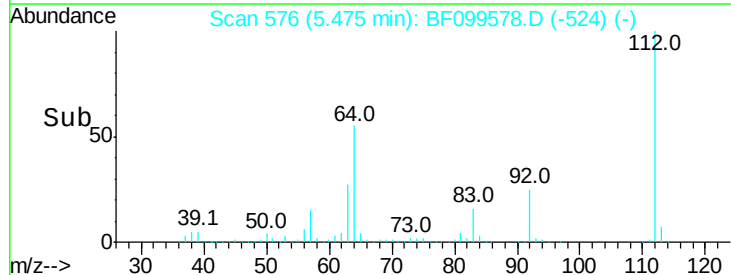
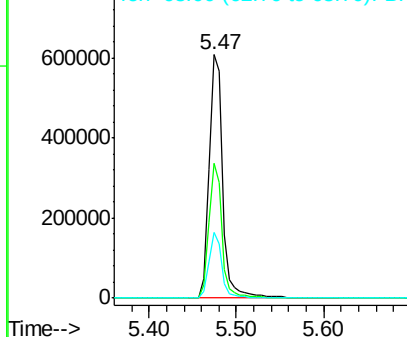
#5

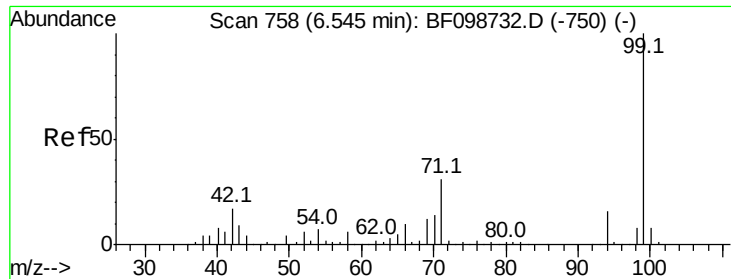
2-Fluorophenol
Concen: 103.540 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion:112 Resp: 656711
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 26.8 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: 90.475 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS-9601

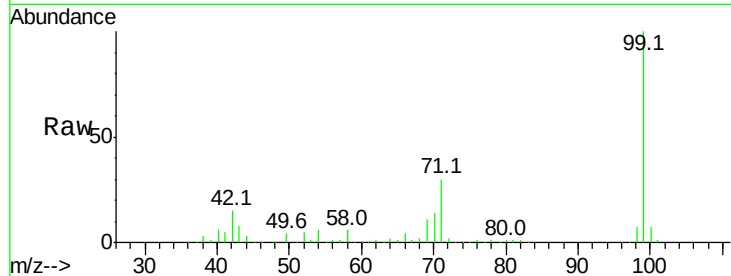
Tot Ion: 99 Resp: 707902

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

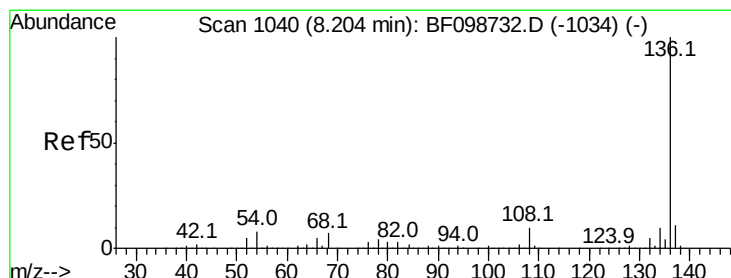
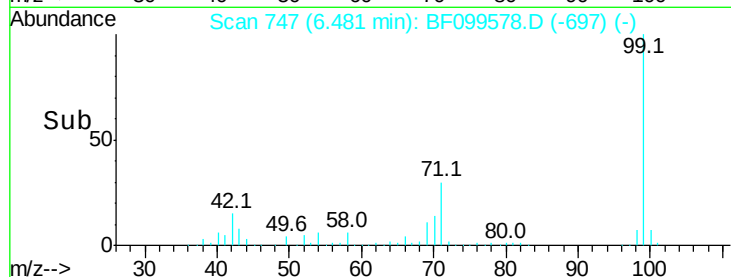
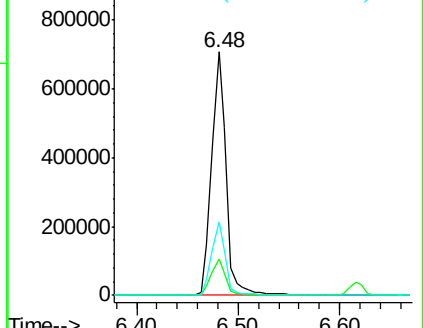
71 30.0 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

Tgt Ion: 136 Resp: 406092

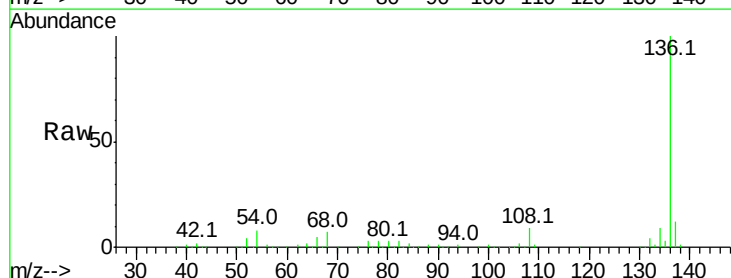
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 7.5 6.6 9.8

68 6.5 5.0 7.4

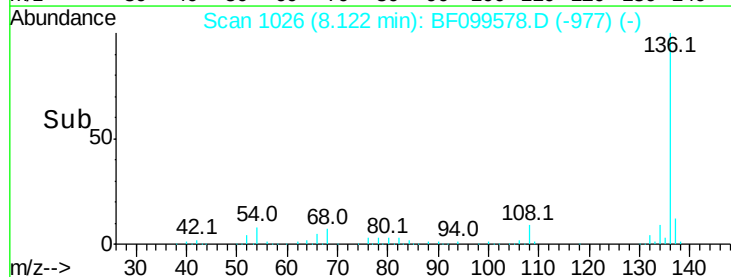
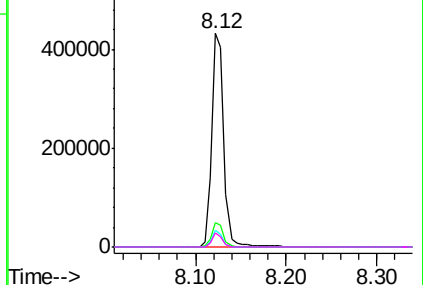


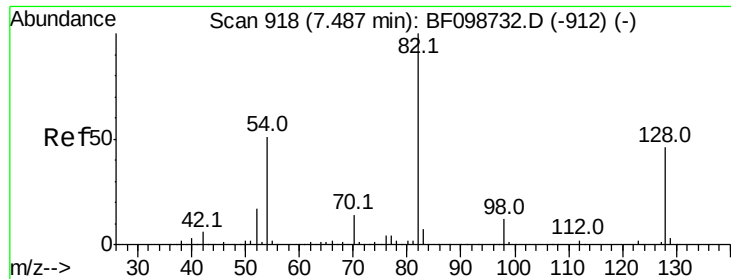
Abundance Ion 136.00 (135.70 to 136.70): E

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

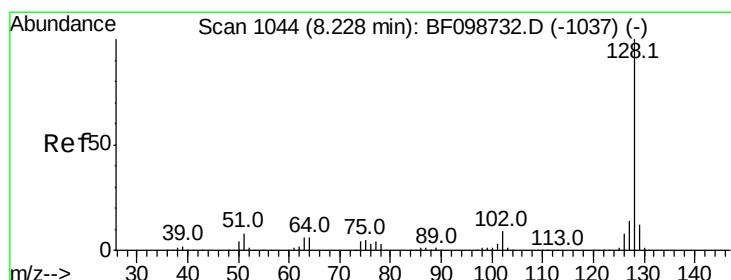
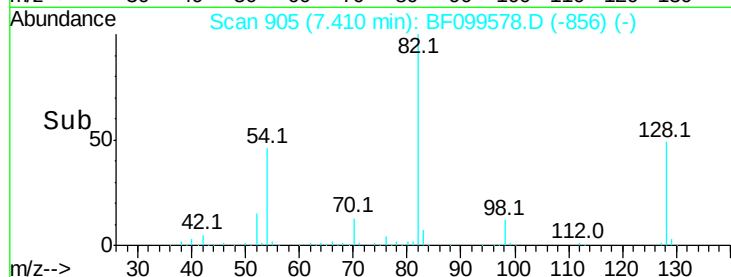
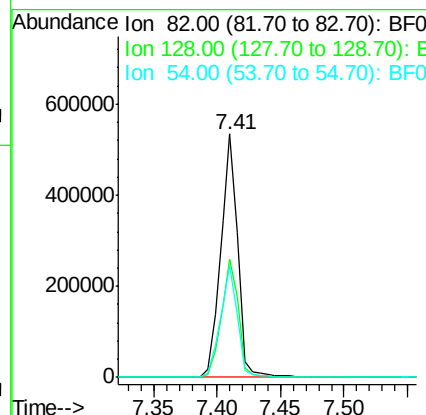
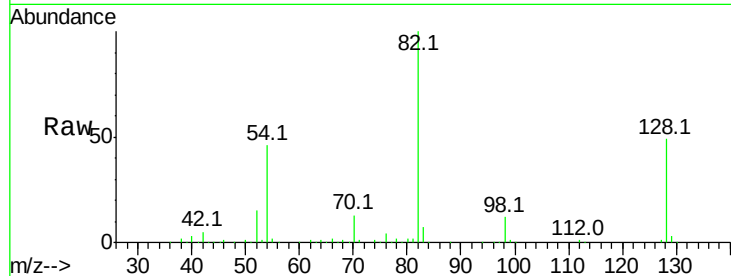




#23
 Nitrobenzene-d5
 Concen: 79.879 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099578.D
 Acq: 17 Oct 2017 7:31

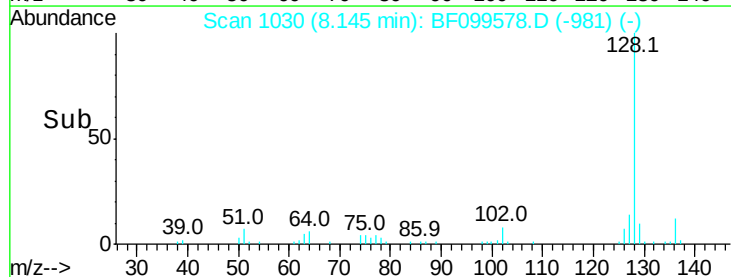
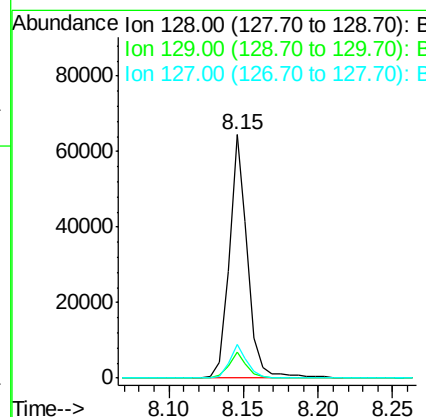
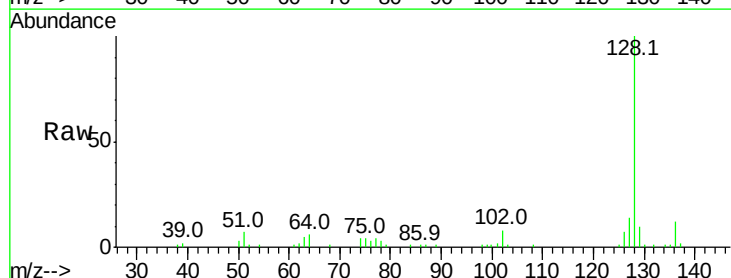
Instrument :
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 ClientSampleId :
 SOIL-CUTTINGS-9601

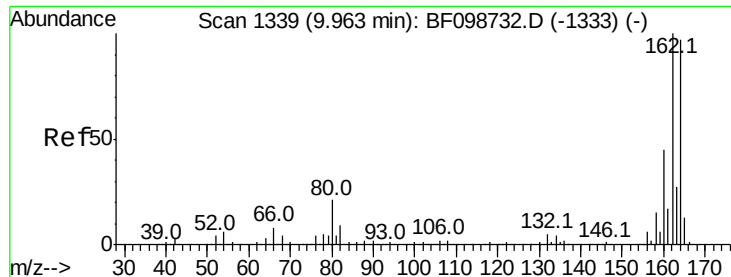
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	45.9	41.4	62.2



#31
 Naphthalene
 Concen: 2.908 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF099578.D
 Acq: 17 Oct 2017 7:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.9	10.9	16.3

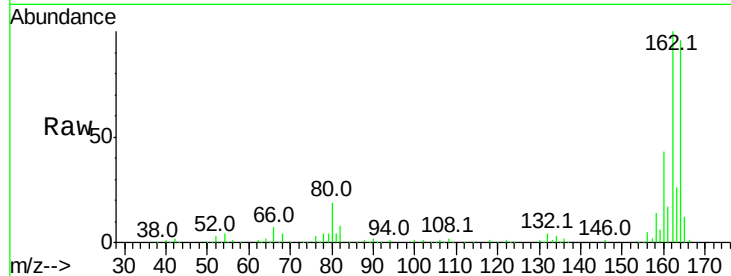




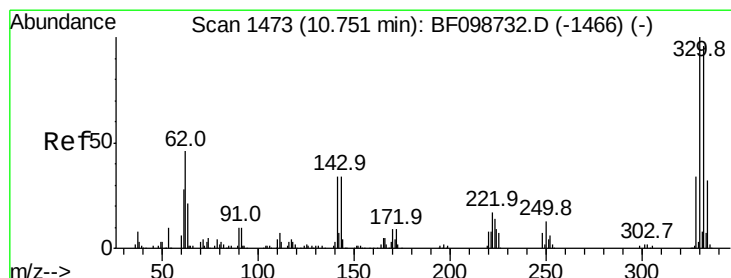
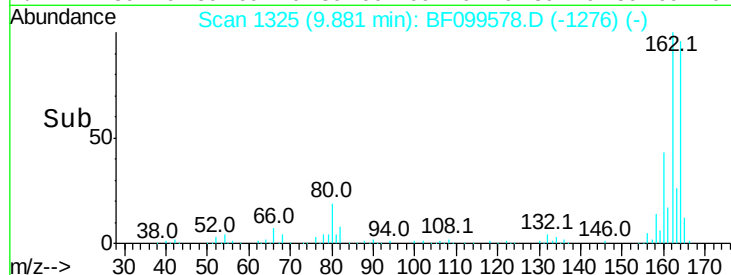
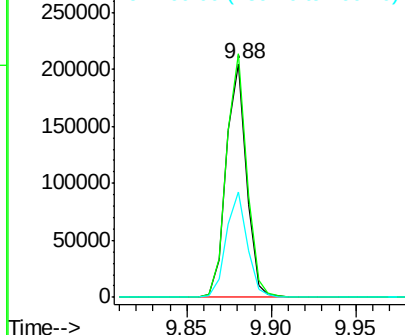
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-9601

Tot Ion:164 Resp: 171321
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 45.2 38.3 57.5

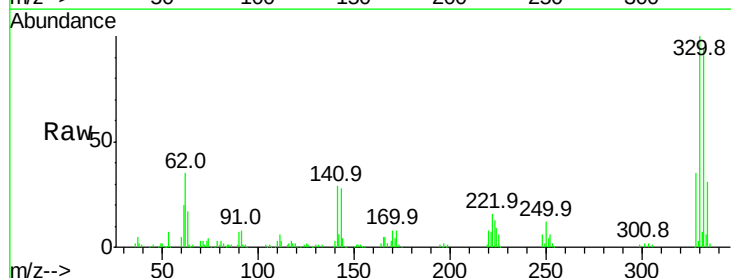


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

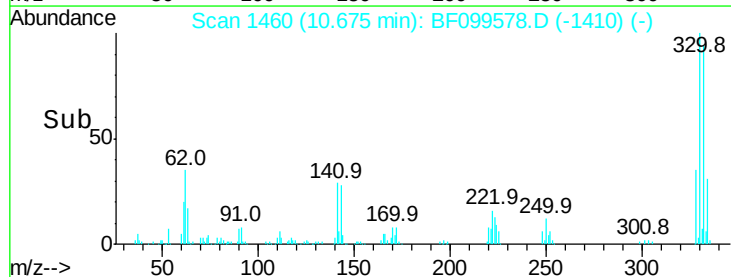
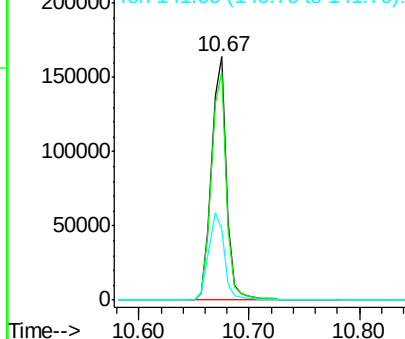


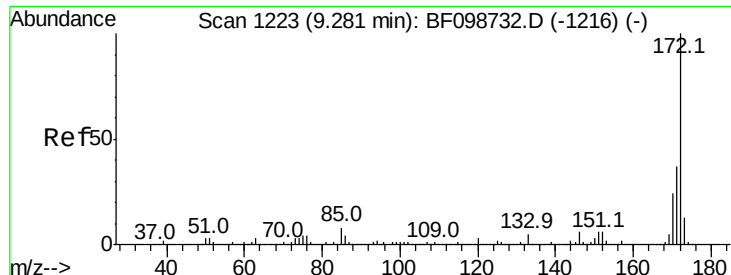
#41
2,4,6-Tribromophenol
Concen: 108.240 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion:330 Resp: 151739
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 36.8 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

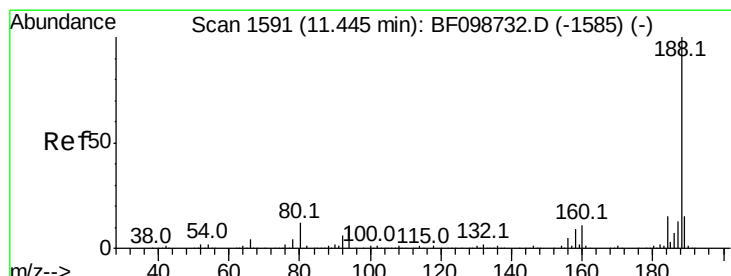
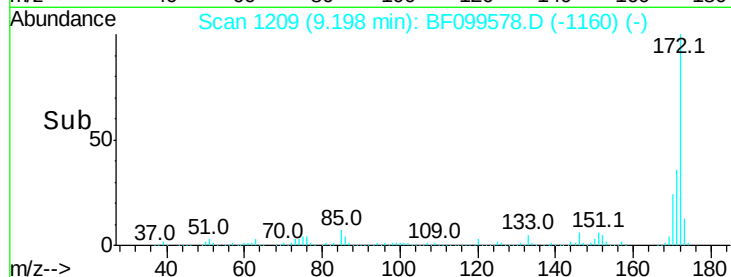
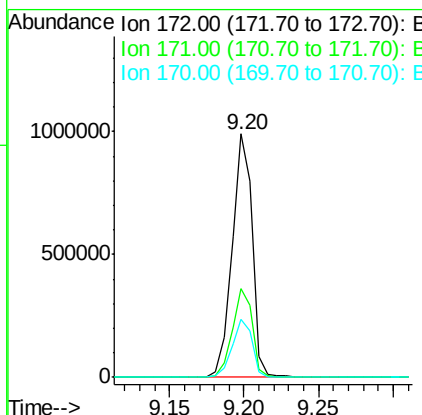
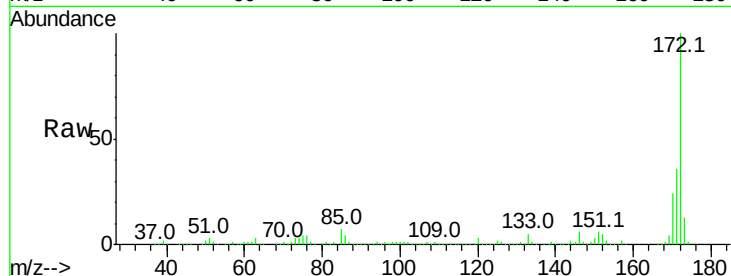




#44
 2-Fluorobiphenyl
 Concen: 91.931 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099578.D
 Acq: 17 Oct 2017 7:31

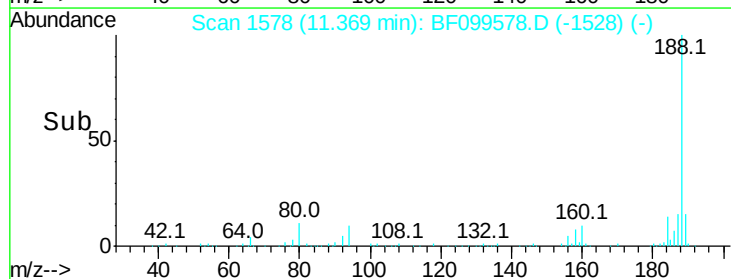
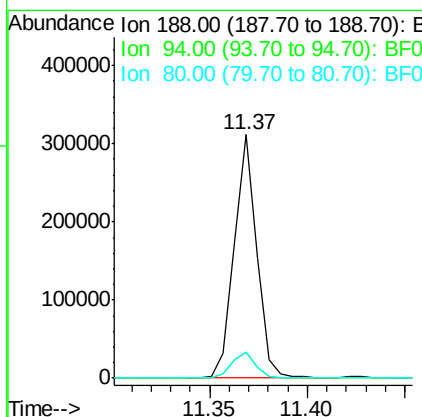
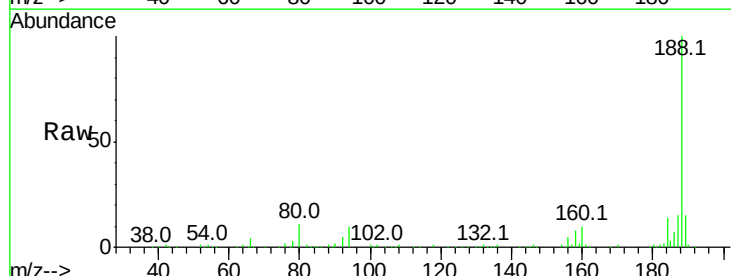
Instrument :
 BNA_F
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 SOIL-CUTTINGS-9601

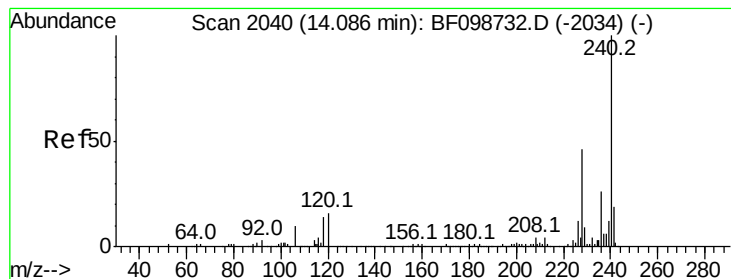
Tot Ion:172 Resp: 943422
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.9 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099578.D
 Acq: 17 Oct 2017 7:31

Tgt Ion:188 Resp: 249854
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 10.9 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS-9601

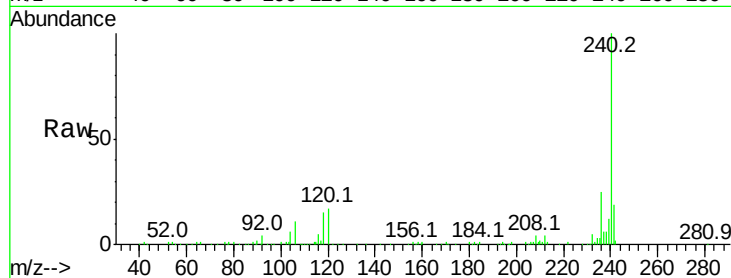
Tot Ion:240 Resp: 183962

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

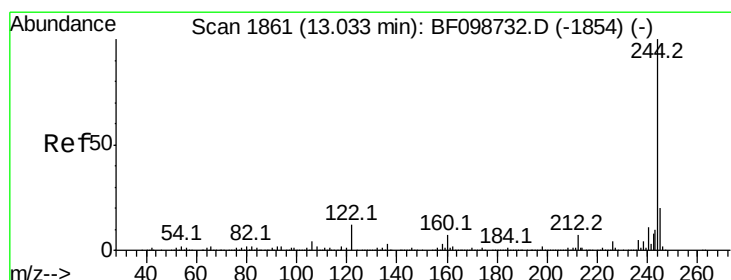
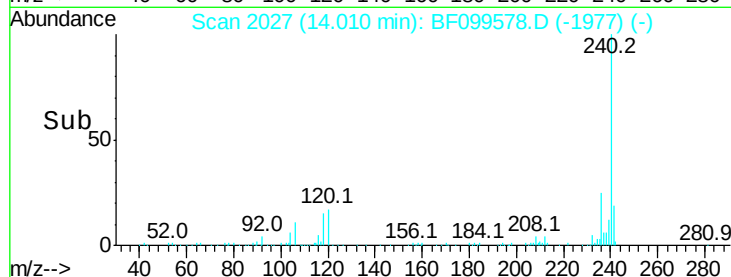
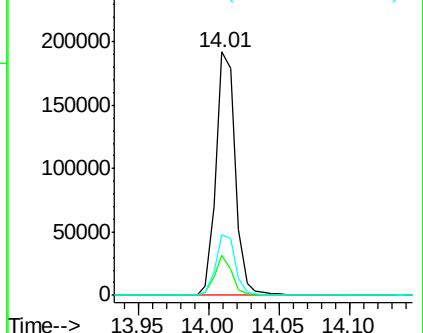
236 25.1 20.7 31.1



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: 77.473 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

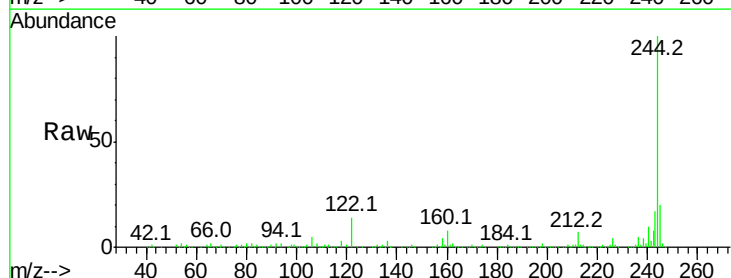
Tgt Ion:244 Resp: 626687

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

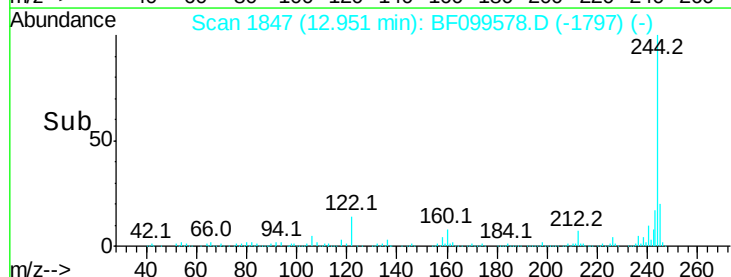
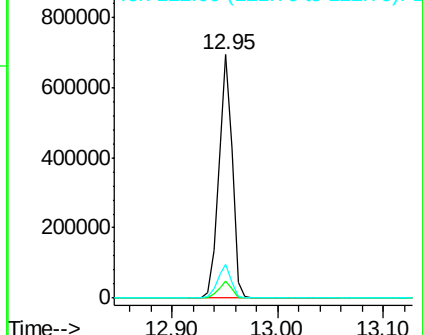
122 13.9 11.0 16.4

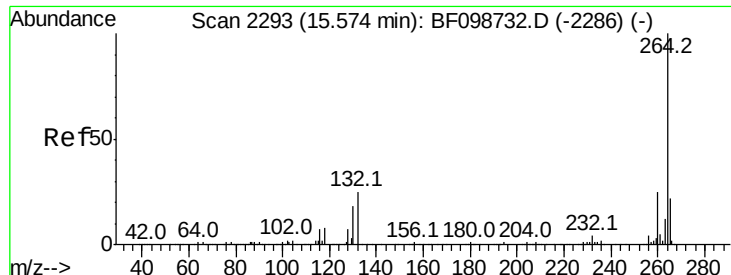


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

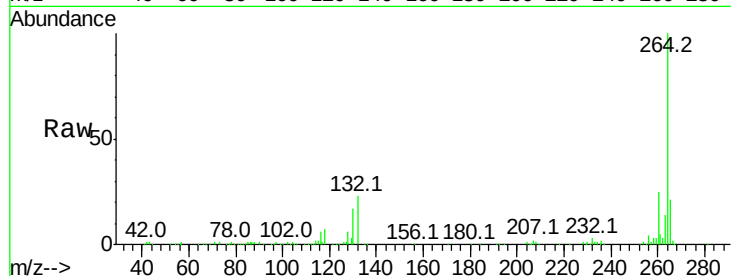




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099578.D
 Acq: 17 Oct 2017 7:31

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	17.5	26.3



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

