

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095984.D
 Acq On : 17 Jun 2017 7:40
 Operator : SJ/MA
 Sample : I3686-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-NSW(SOIL-DUP)

Quant Time: Jun 19 01:23:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

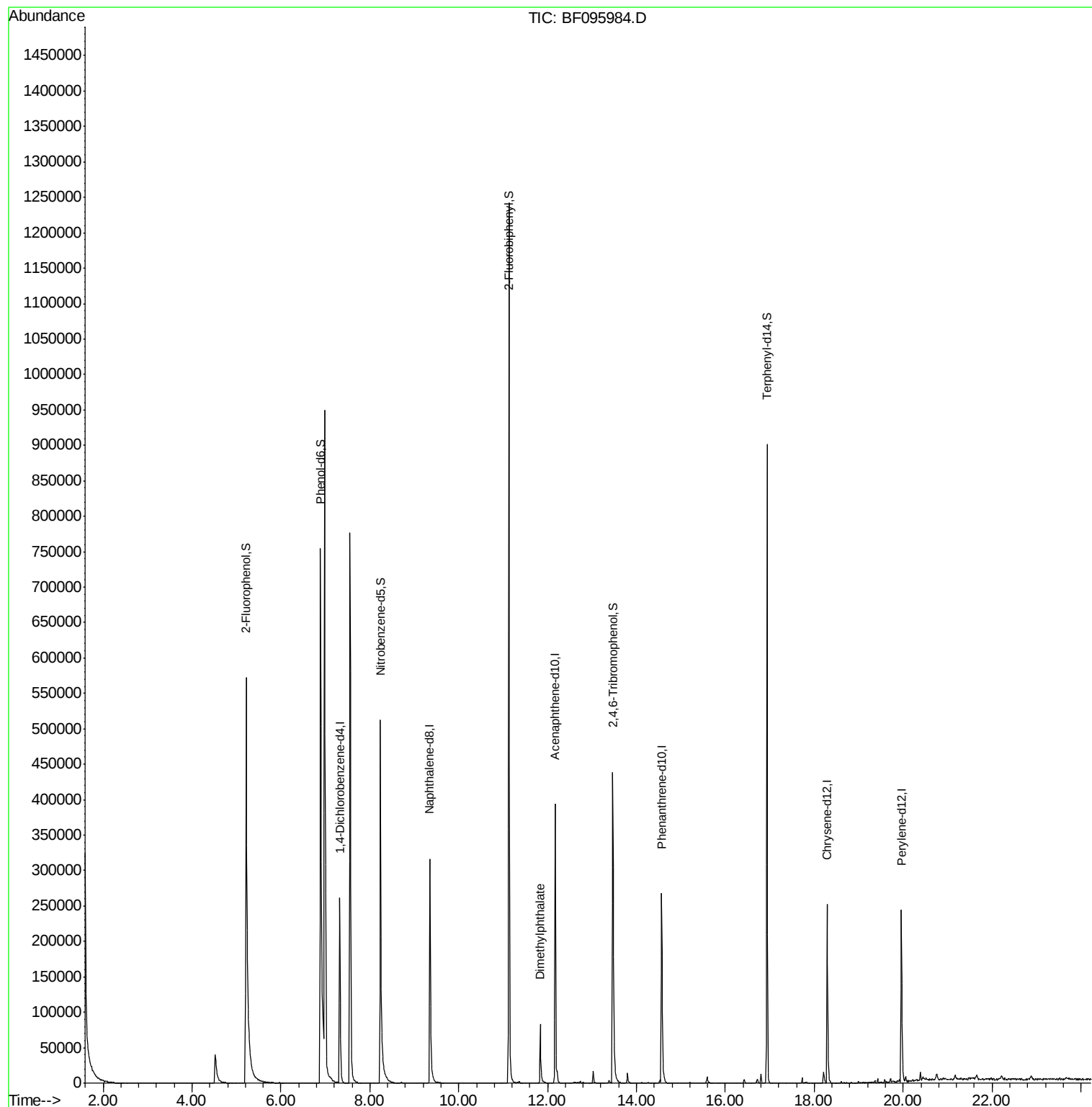
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	66727	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	276092	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	118210	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	181508	20.00	ng	0.00
75) Chrysene-d12	18.29	240	136812	20.00	ng	0.00
86) Perylene-d12	19.96	264	130310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	440524	105.20	ng	0.00
7) Phenol-d6	6.89	99	556169	110.94	ng	-0.02
23) Nitrobenzene-d5	8.24	82	308107	69.31	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	96952	92.70	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	573629	67.53	ng	-0.01
78) Terphenyl-d14	16.94	244	342569	62.14	ng	-0.01
Target Compounds						
49) Dimethylphthalate	11.83	163	68613	7.64	ng	Qvalue 97

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

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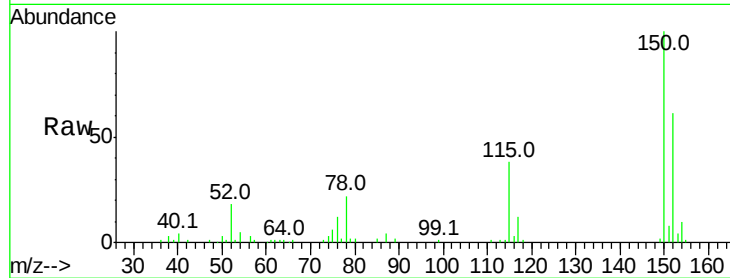


#1

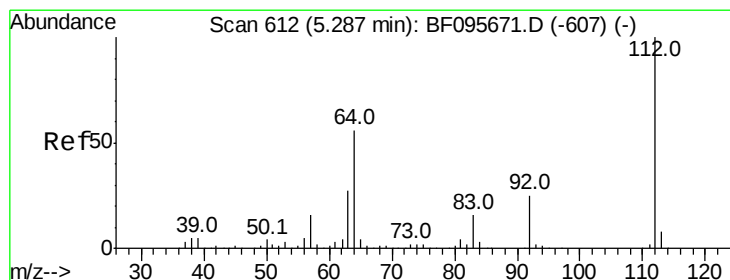
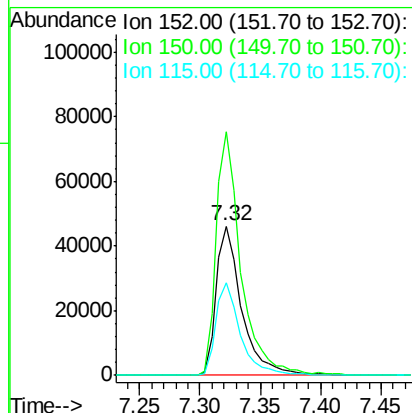
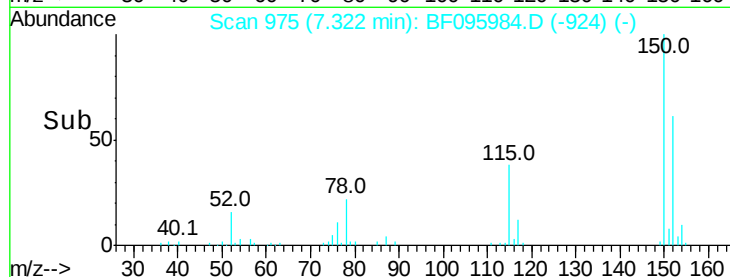
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095984.D
Acq: 17 Jun 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW(SOIL-DUP)

Tot Ion:152 Resp: 66727
Ion Ratio Lower Upper
152 100
150 163.4 126.2 189.2
115 62.3 52.2 78.2



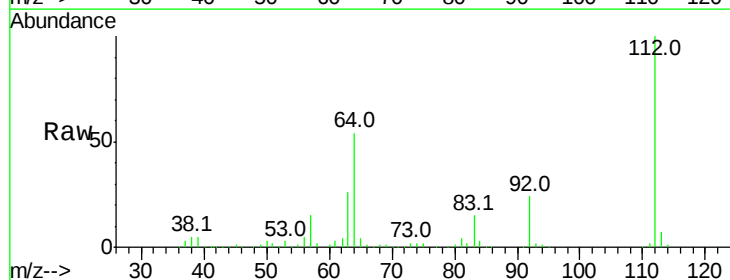
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



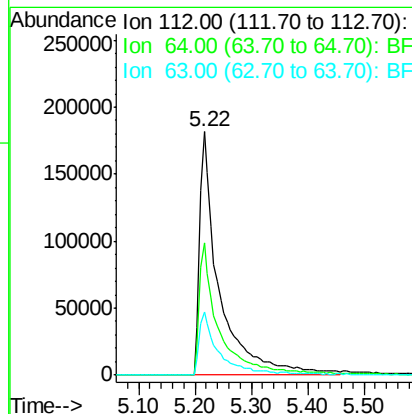
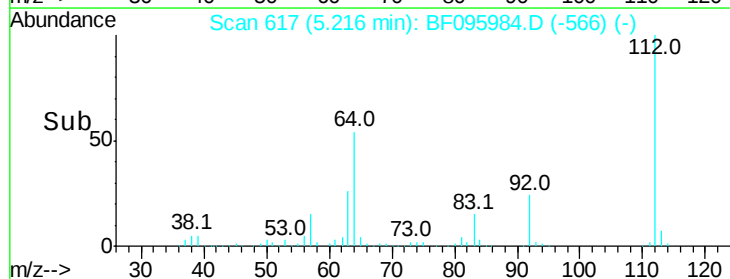
#5

2-Fluorophenol
Concen: 105.20 ng
RT: 5.22 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF095984.D
Acq: 17 Jun 2017 7:40

Tgt Ion:112 Resp: 440524
Ion Ratio Lower Upper
112 100
64 54.4 46.0 69.0
63 26.0 23.4 35.0



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: 110.94 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

Instrument :

BNA_F

ClientSampleId :

E2-S5-NSW(SOIL-DUP)

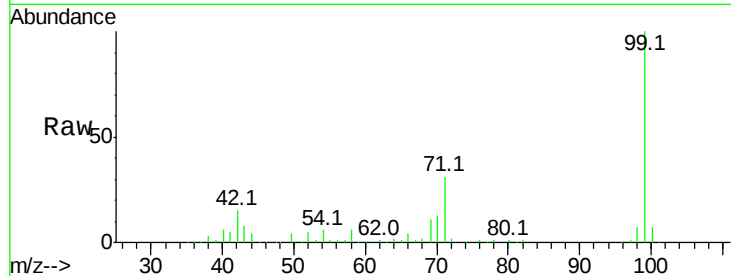
Tot Ion: 99 Resp: 556169

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

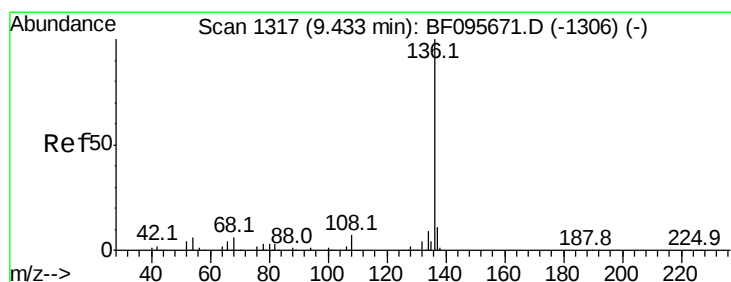
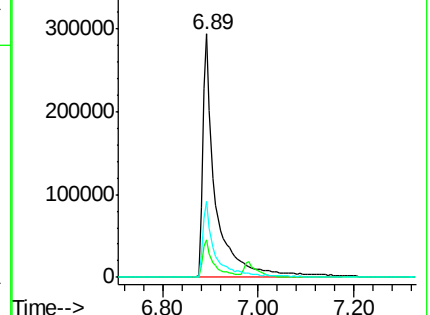
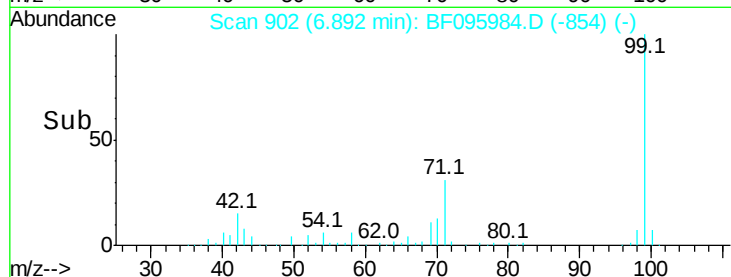
71 31.4 24.5 36.7



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: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

Tgt Ion: 136 Resp: 276092

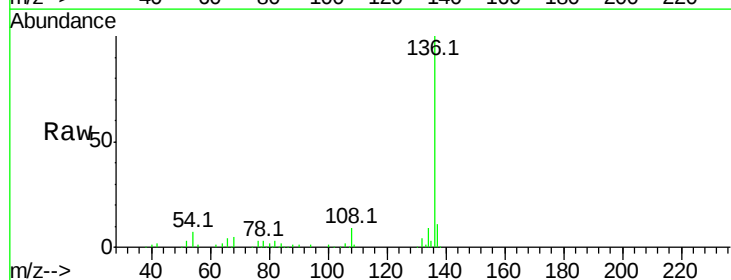
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.9 4.9 7.3

68 5.4 4.1 6.1

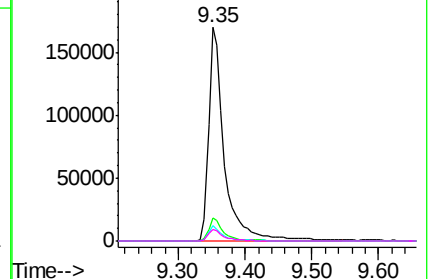
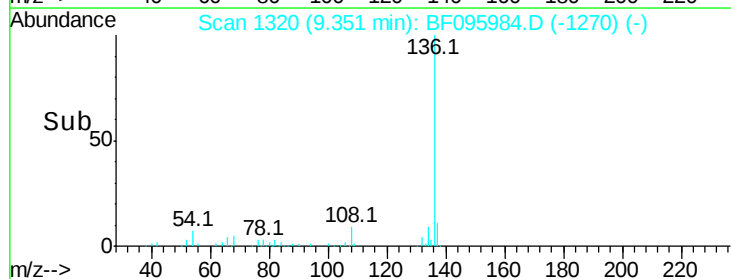


Abundance Ion 136.00 (135.70 to 136.70): E

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

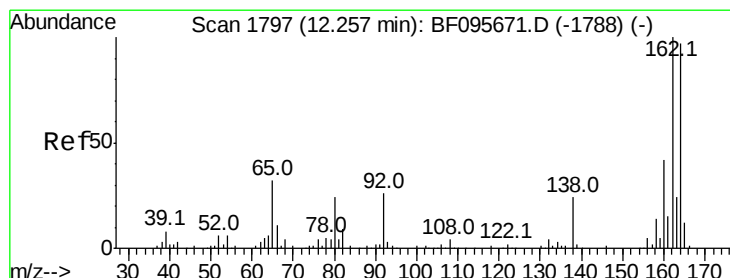
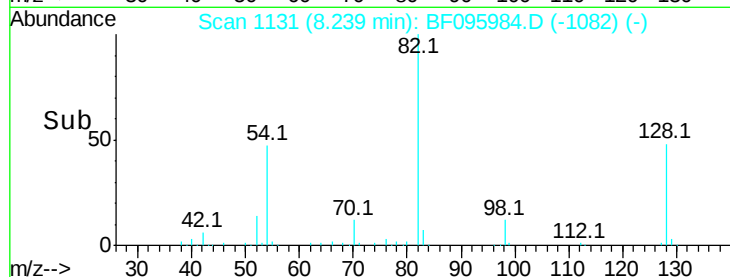
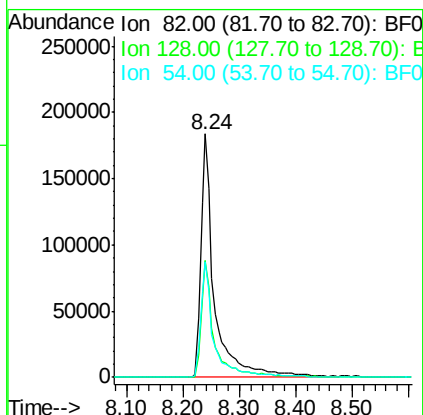
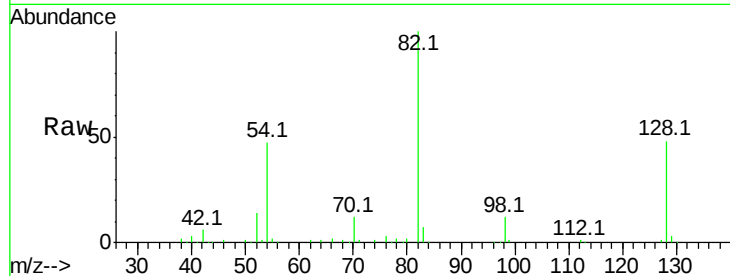




#23
Nitrobenzene-d5
Concen: 69.31 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095984.D
Acq: 17 Jun 2017 7:40

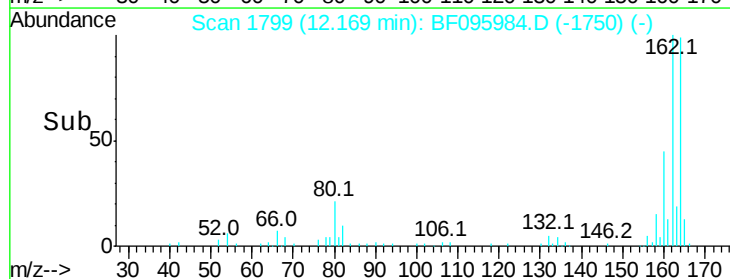
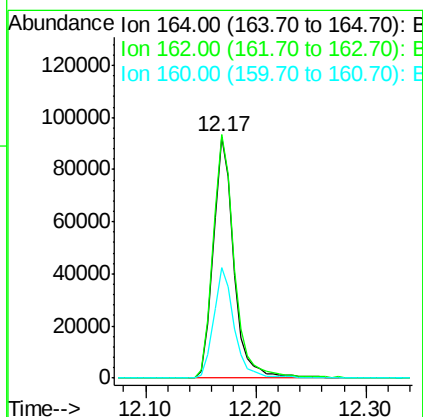
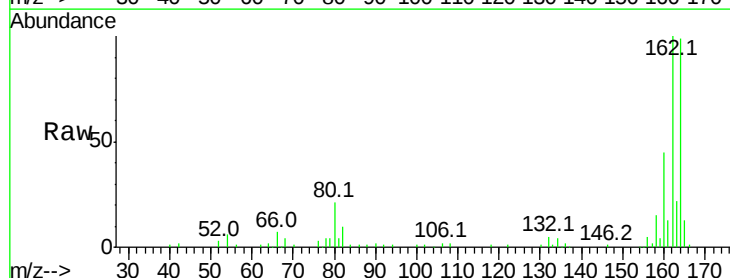
Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW(SOIL-DUP)

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	47.3	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095984.D
Acq: 17 Jun 2017 7:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	45.7	36.2	54.2

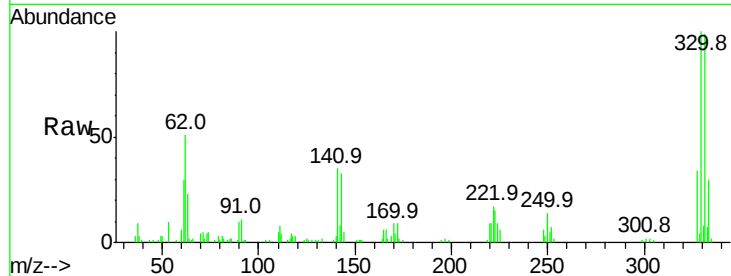




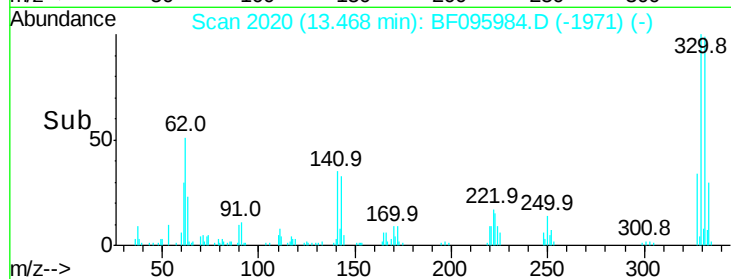
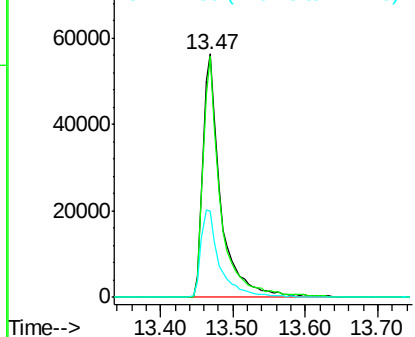
#41
 2,4,6-Tribromophenol
 Concen: 92.70 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095984.D
 Acq: 17 Jun 2017 7:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-NSW(SOIL-DUP)

Tot Ion:330 Resp: 96952
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 37.8 31.4 47.2

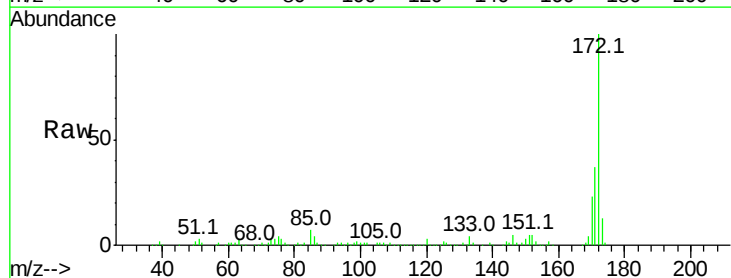


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

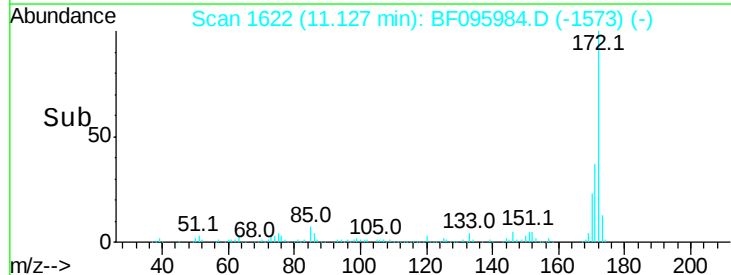
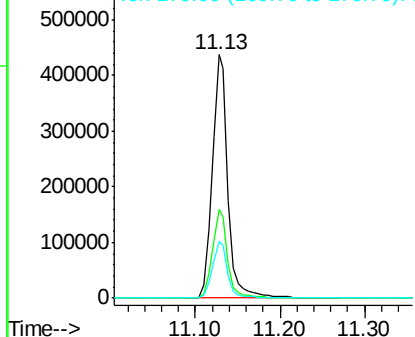


#44
 2-Fluorobiphenyl
 Concen: 67.53 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF095984.D
 Acq: 17 Jun 2017 7:40

Tgt Ion:172 Resp: 573629
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.3 19.8 29.8



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: 7.64 ng

RT: 11.83 min Scan# 1742

Delta R.T. -0.02 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

Instrument :

BNA_F

ClientSampleId :

E2-S5-NSW(SOIL-DUP)

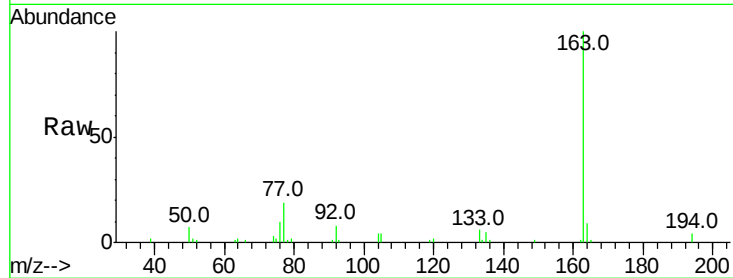
Tot Ion:163 Resp: 68613

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

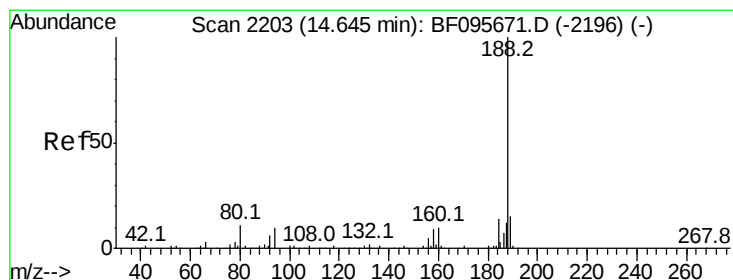
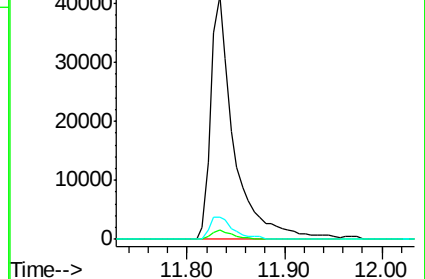
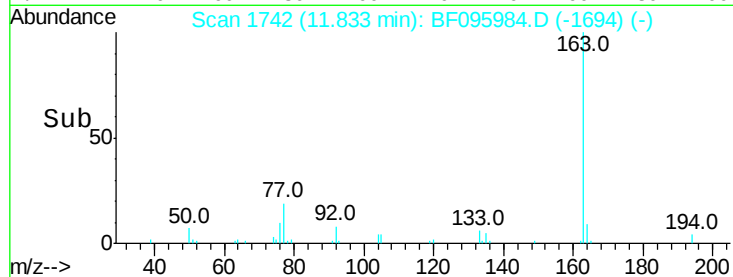
164 9.2 8.4 12.6



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: 20.00 ng

RT: 14.56 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF095984.D

Acq: 17 Jun 2017 7:40

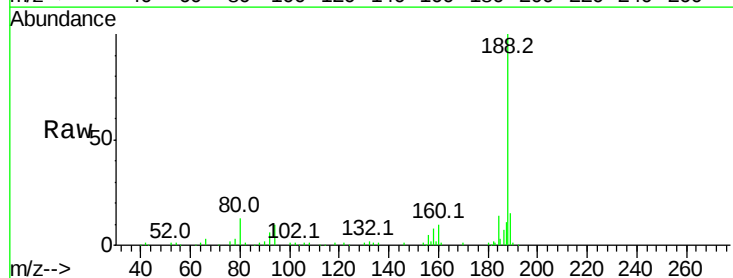
Tgt Ion:188 Resp: 181508

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

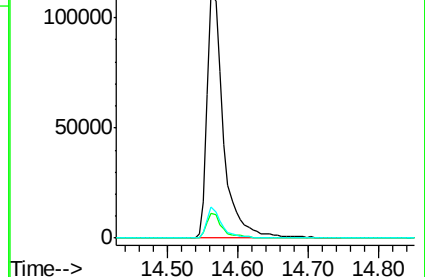
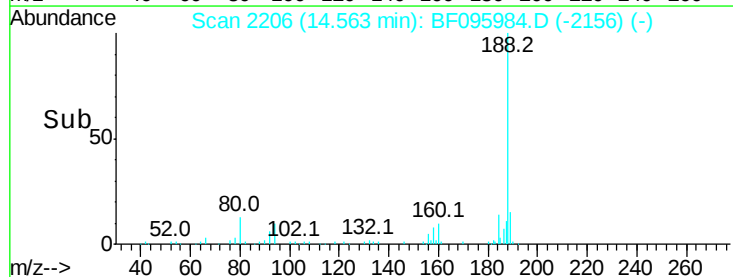
80 12.5 10.2 15.2

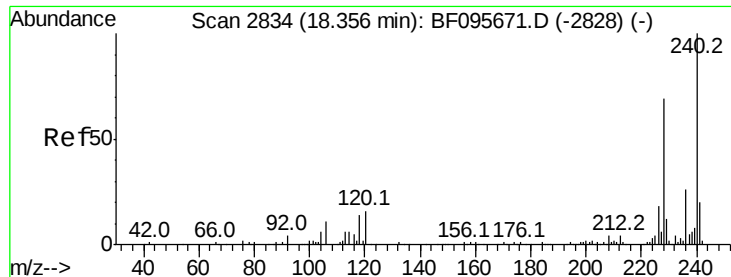


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

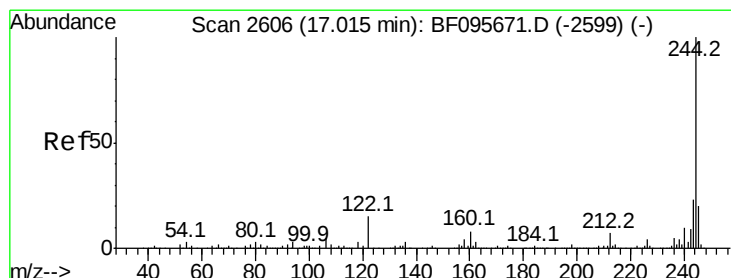
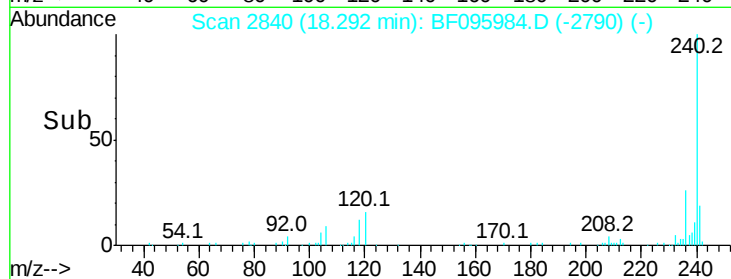
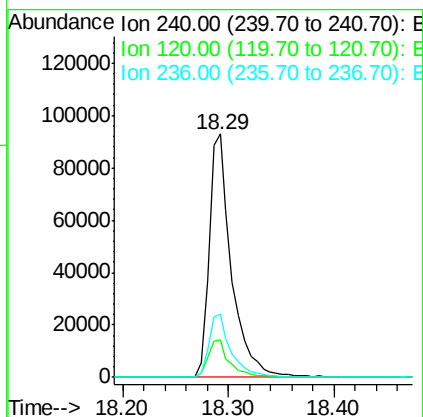
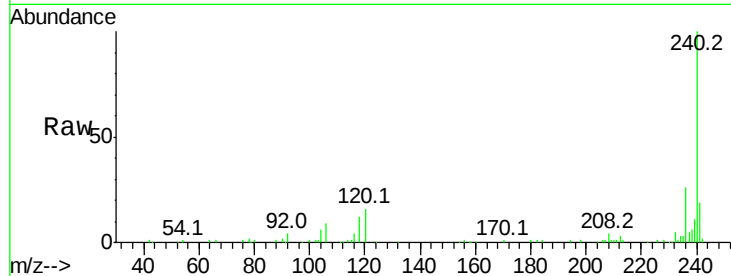




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF095984.D
 Acq: 17 Jun 2017 7:40

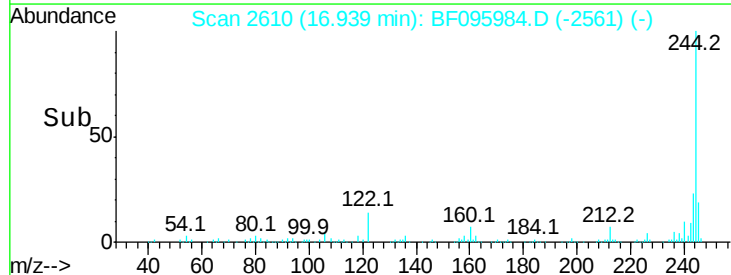
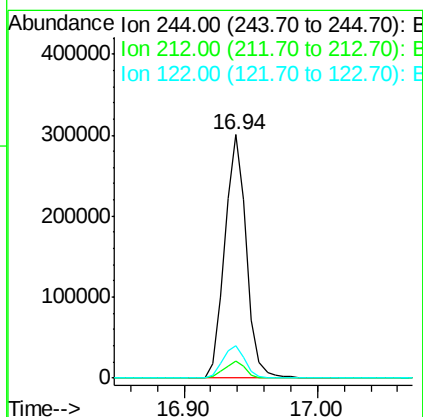
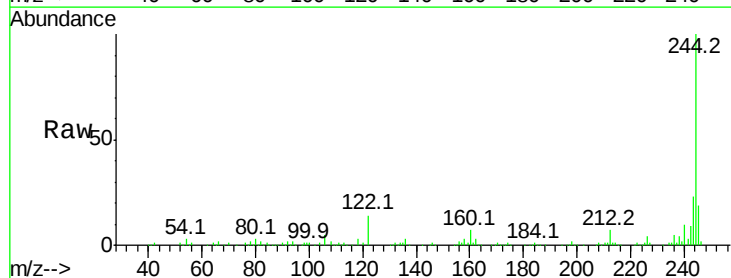
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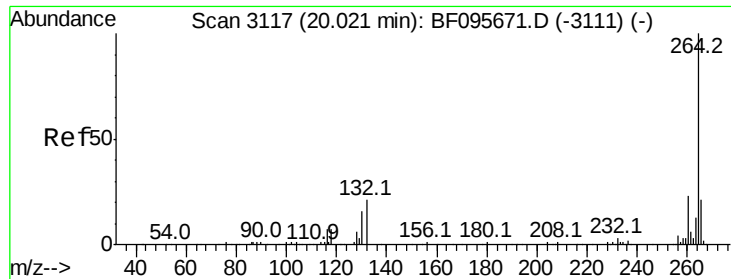
Tot Ion:240 Resp: 136812
 Ion Ratio Lower Upper
 240 100
 120 15.6 5.8 8.8#
 236 26.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 62.14 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095984.D
 Acq: 17 Jun 2017 7:40

Tgt Ion:244 Resp: 342569
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.5 10.3 15.5

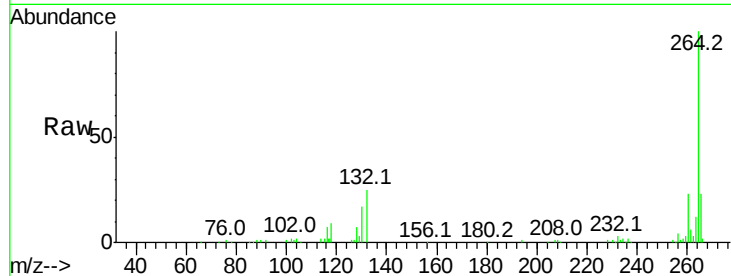




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095984.D
 Acq: 17 Jun 2017 7:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-NSW(SOIL-DUP)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.5	17.2	25.8



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

