

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095794.D
 Acq On : 8 Jun 2017 21:02
 Operator : SJ/MA
 Sample : I3535-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOILSAMPLE-1

Quant Time: Jun 09 02:20:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

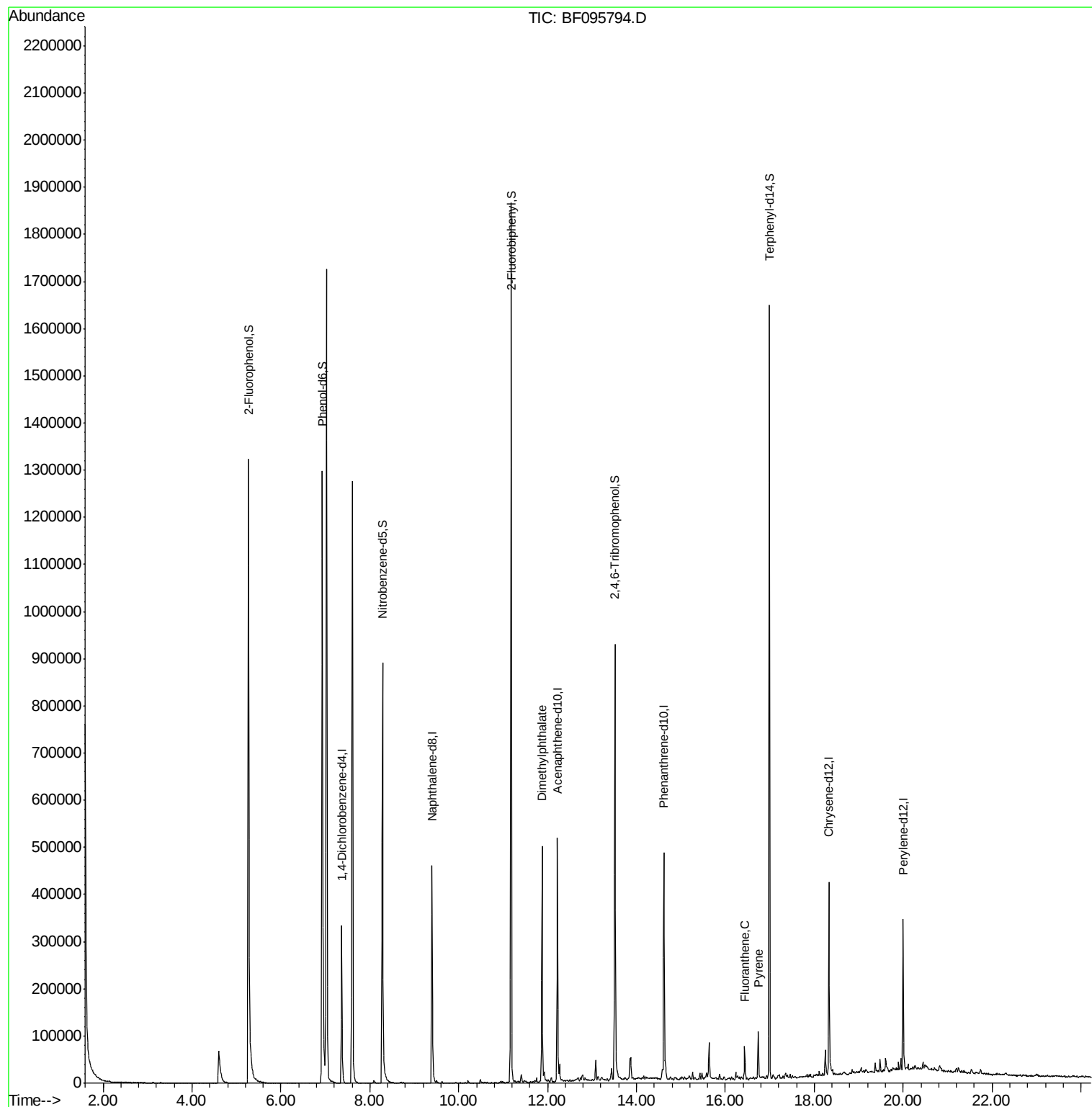
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	81971	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	330068	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	142811	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	241722	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	170722	20.00	ng	-0.03
86) Perylene-d12	20.00	264	142114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	720145	139.99	ng	-0.02
7) Phenol-d6	6.93	99	881463	143.13	ng	-0.02
23) Nitrobenzene-d5	8.29	82	509516	95.87	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	164737	130.38	ng	-0.03
44) 2-Fluorobiphenyl	11.19	172	937533	91.35	ng	-0.03
78) Terphenyl-d14	16.99	244	654605	95.16	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	294611	27.17	ng	98
74) Fluoranthene	16.43	202	39031	2.83	ng	97
77) Pyrene	16.74	202	38916	3.05	ng	# 95

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

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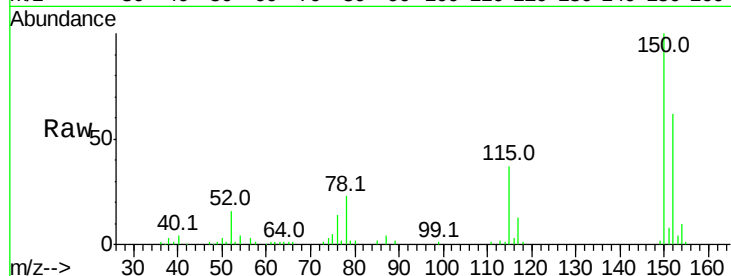


#1

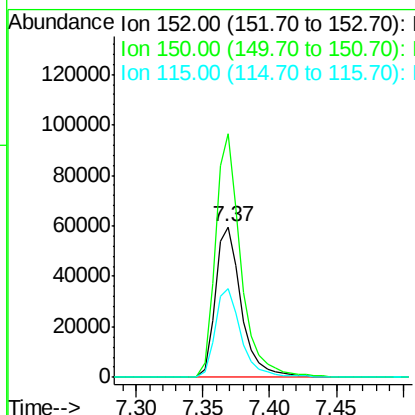
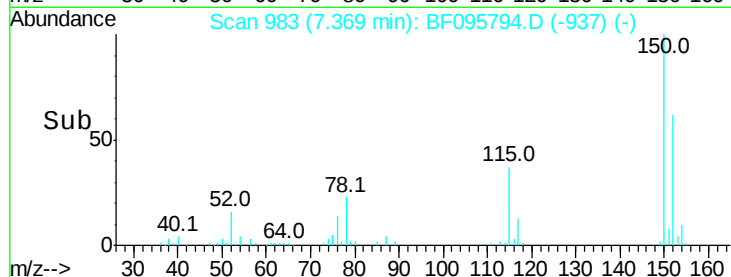
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Instrument :
BNA_F
ClientSampleId :
SOILSAMPLE-1

Tot Ion:152 Resp: 81971
Ion Ratio Lower Upper
152 100
150 162.0 126.2 189.2
115 59.5 52.2 78.2



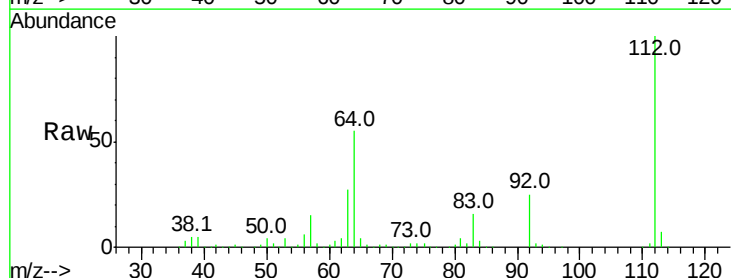
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



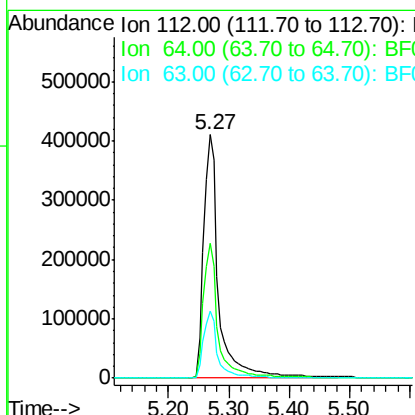
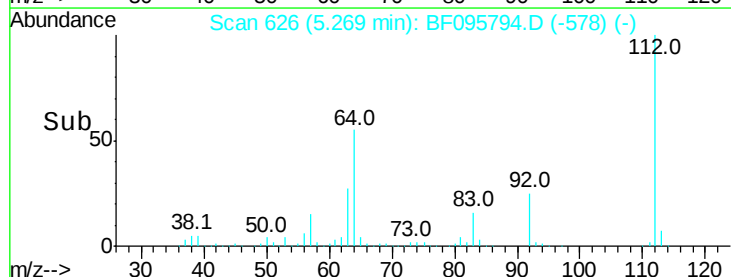
#5

2-Fluorophenol
Concen: 139.99 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Tgt Ion:112 Resp: 720145
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 27.3 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: 143.13 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

Instrument :

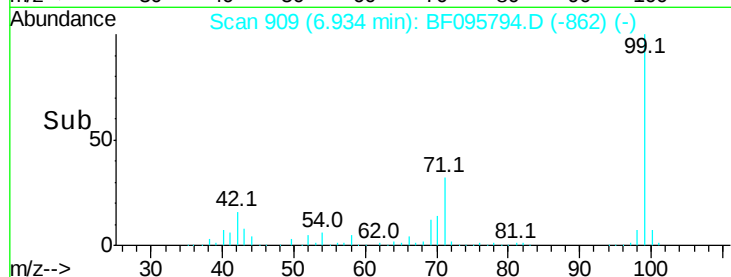
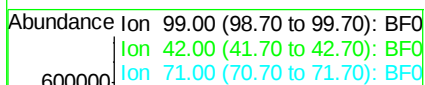
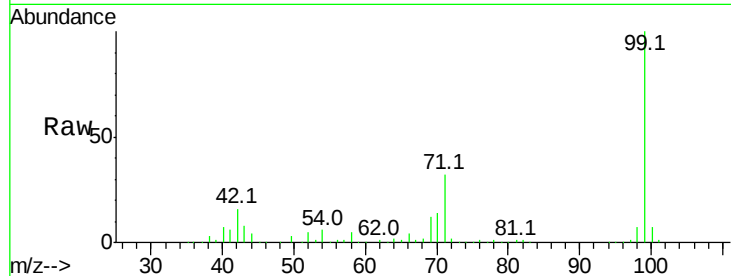
BNA_F

ClientSampleId :

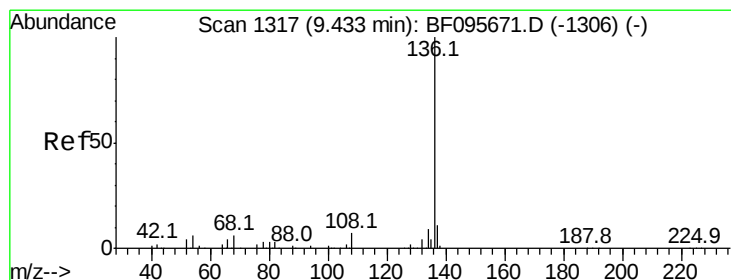
SOILSAMPLE-1

Tot Ion: 99 Resp: 881463

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	31.9	24.5	36.7



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

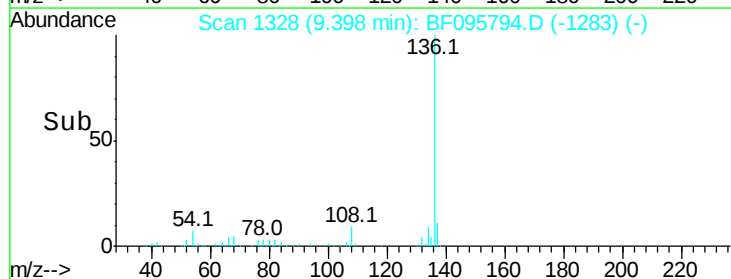
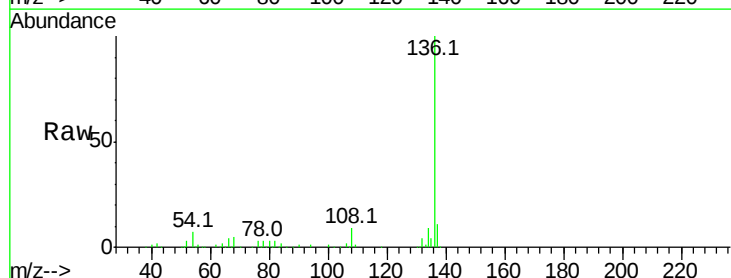
Delta R.T. -0.04 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

Tgt Ion: 136 Resp: 330068

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.6	4.9	7.3
68	5.3	4.1	6.1



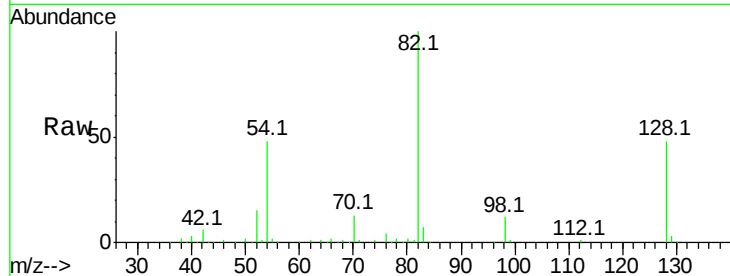
Time-->



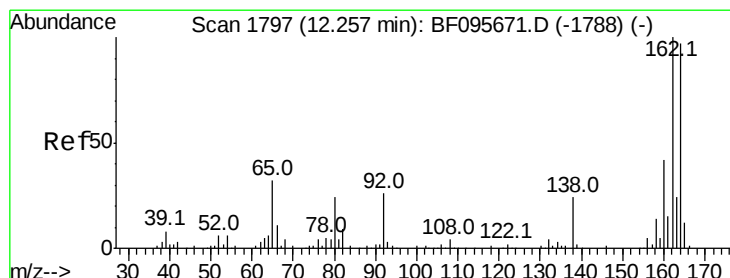
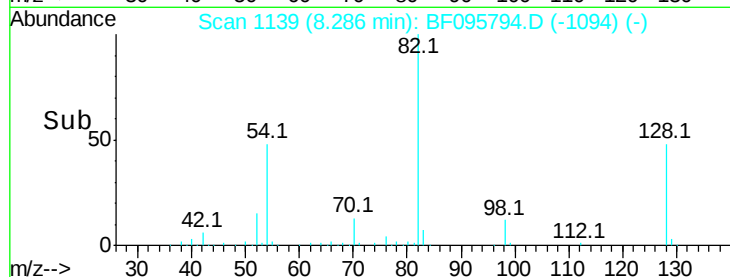
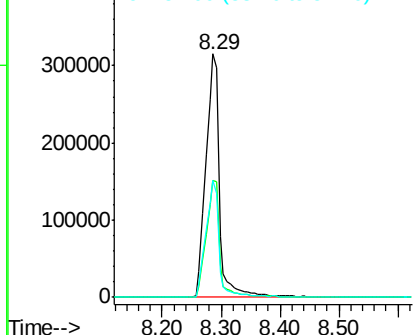
#23
Nitrobenzene-d5
Concen: 95.87 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Instrument :
BNA_F
ClientSampleId :
SOILSAMPLE-1

Tot Ion: 82 Resp: 509516
Ion Ratio Lower Upper
82 100
128 48.1 34.0 51.0
54 47.9 42.2 63.2

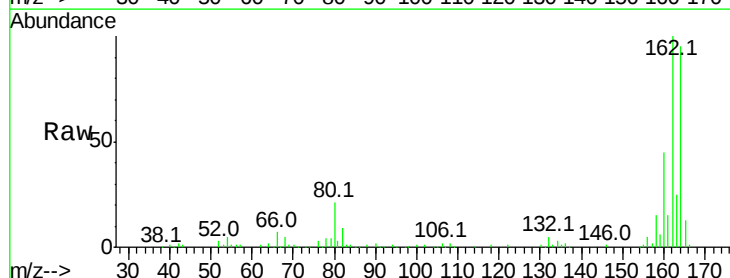


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

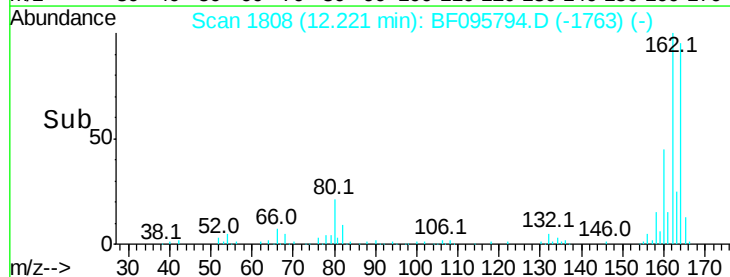
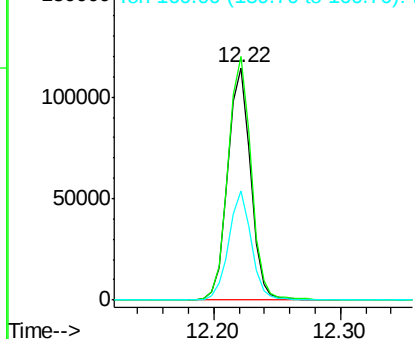


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Tgt Ion:164 Resp: 142811
Ion Ratio Lower Upper
164 100
162 104.7 82.6 123.8
160 46.8 36.2 54.2



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

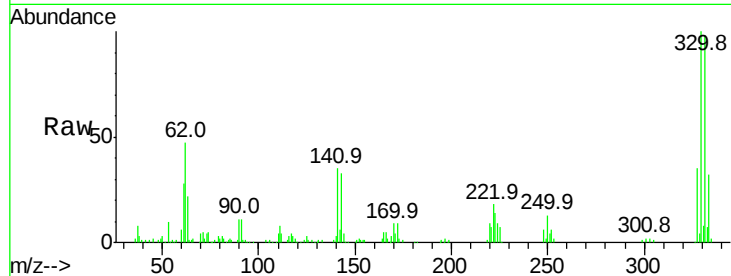




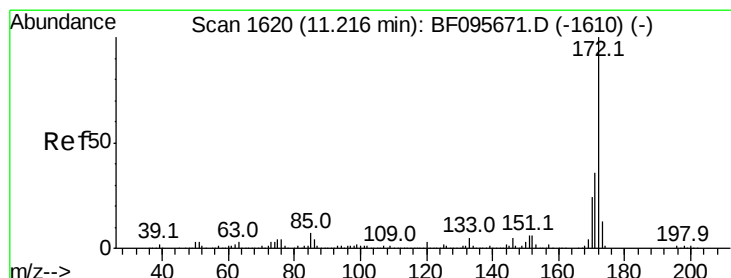
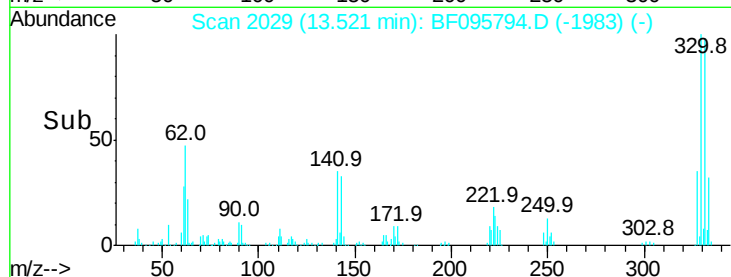
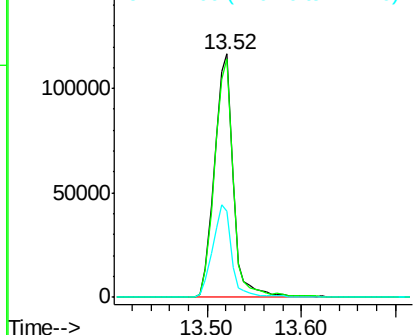
#41
 2,4,6-Tribromophenol
 Concen: 130.38 ng
 RT: 13.52 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF095794.D
 Acq: 8 Jun 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :
 SOILSAMPLE-1

Tot Ion:330 Resp: 164737
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 38.9 31.4 47.2

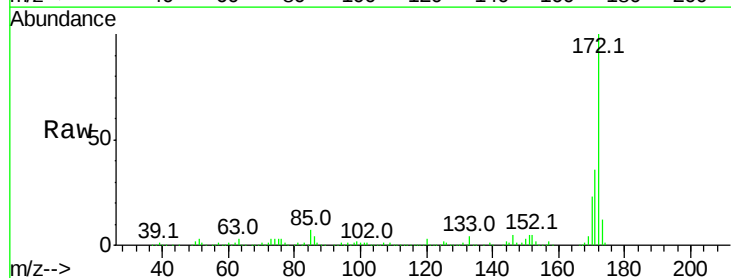


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

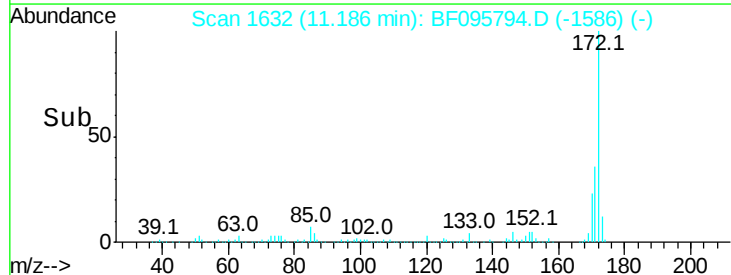
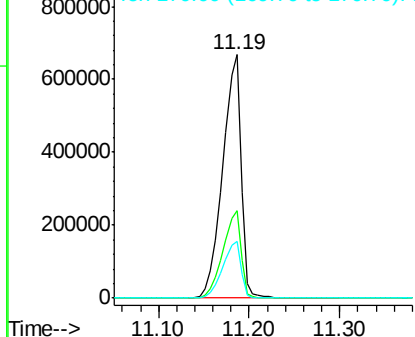


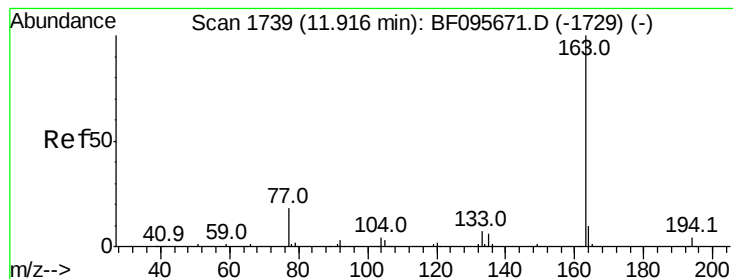
#44
 2-Fluorobiphenyl
 Concen: 91.35 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. -0.03 min
 Lab File: BF095794.D
 Acq: 8 Jun 2017 21:02

Tgt Ion:172 Resp: 937533
 Ion Ratio Lower Upper
 172 100
 171 35.8 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: 27.17 ng

RT: 11.87 min Scan# 1749

Delta R.T. -0.04 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

Instrument :

BNA_F

ClientSampleId :

SOILSAMPLE-1

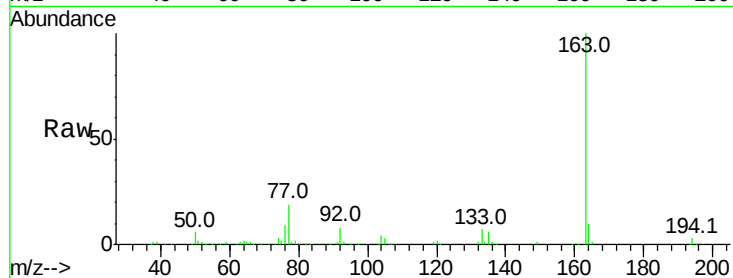
Tot Ion:163 Resp: 294611

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

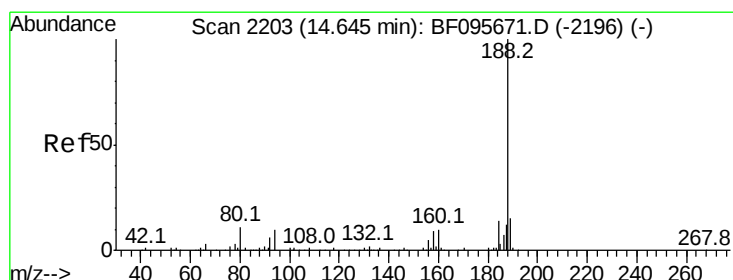
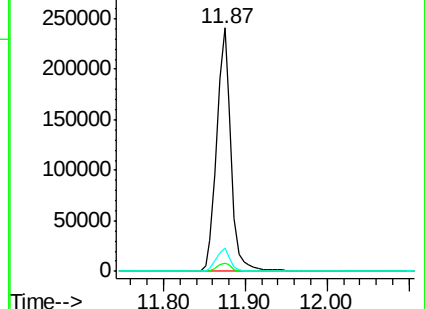
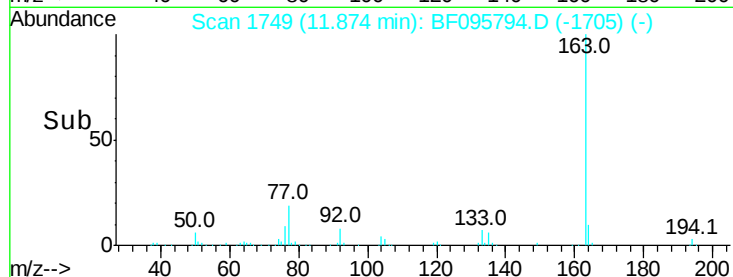
164 9.8 8.4 12.6



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: 14.62 min Scan# 2215

Delta R.T. -0.03 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

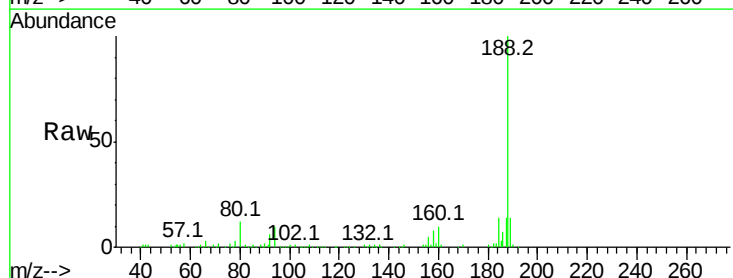
Tgt Ion:188 Resp: 241722

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

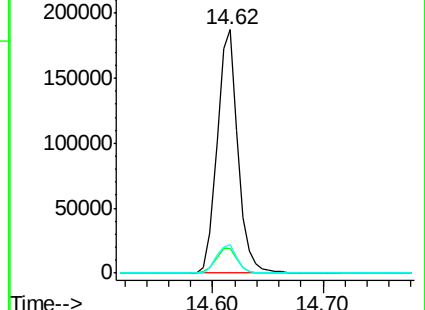
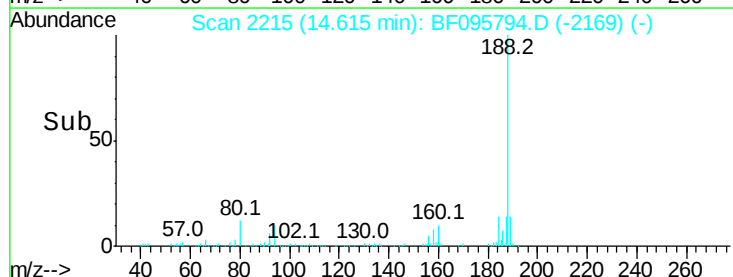
80 11.5 10.2 15.2

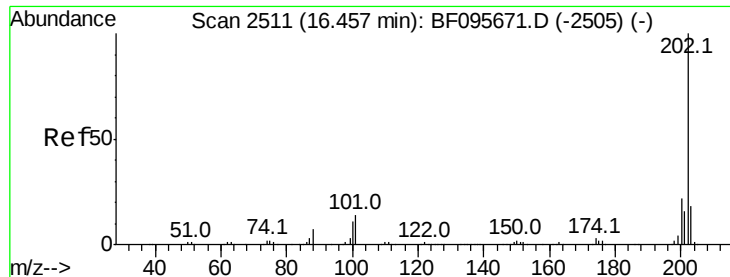


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

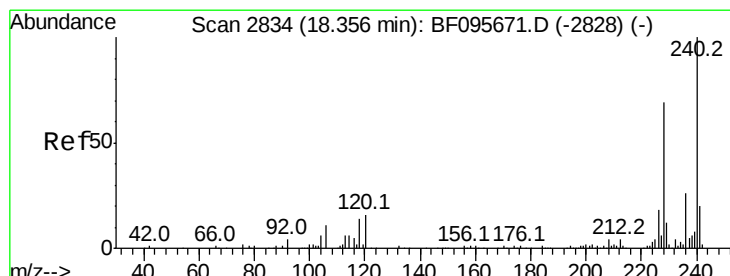
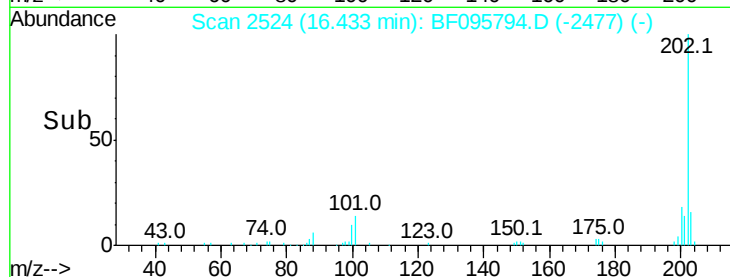
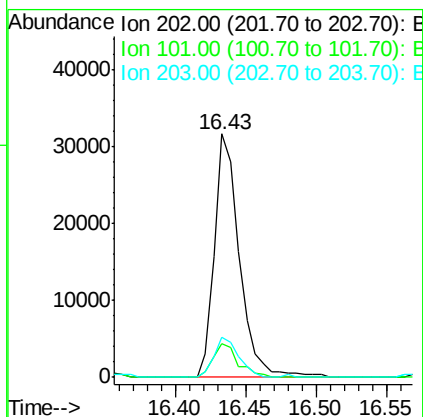
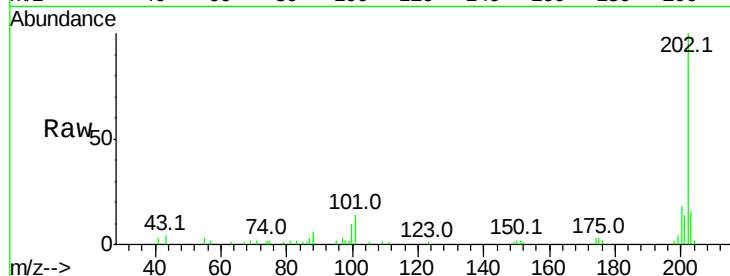




#74
Fluoranthene
 Concen: 2.83 ng
 RT: 16.43 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BF095794.D
 Acq: 8 Jun 2017 21:02

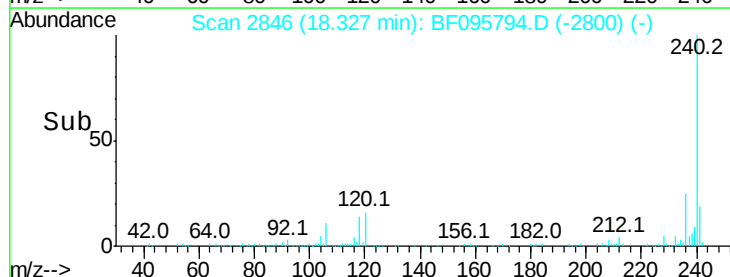
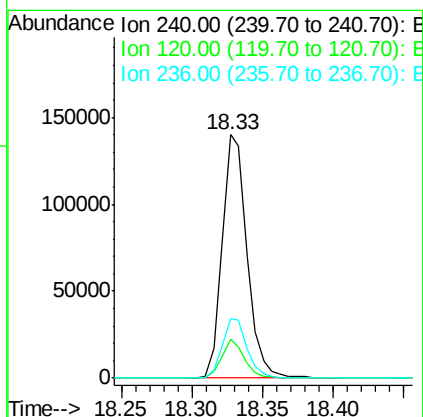
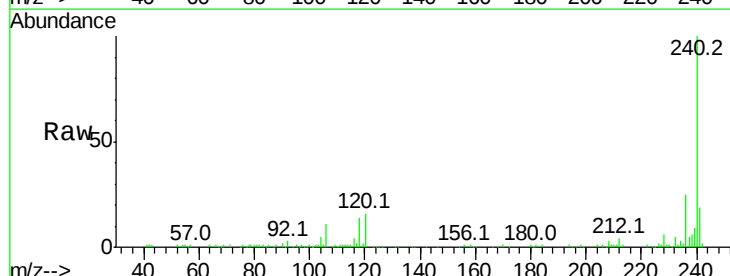
Instrument :
 BNA_F
 ClientSampleId :
 SOILSAMPLE-1

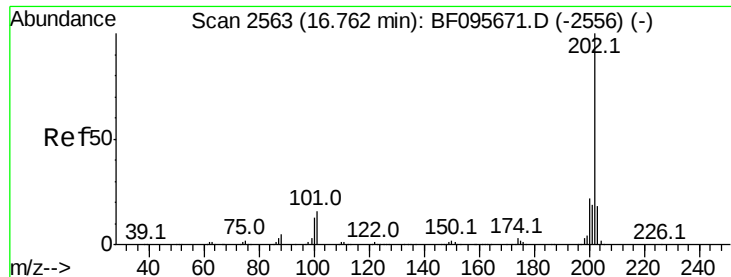
Tot Ion:202 Resp: 39031
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 33.2
 203 16.3 0.0 38.1



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2846
 Delta R.T. -0.03 min
 Lab File: BF095794.D
 Acq: 8 Jun 2017 21:02

Tgt Ion:240 Resp: 170722
 Ion Ratio Lower Upper
 240 100
 120 16.1 5.8 8.8#
 236 24.6 20.5 30.7





#77

Pvrene

Concen: 3.05 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

Instrument :

BNA_F

ClientSampleId :

SOILSAMPLE-1

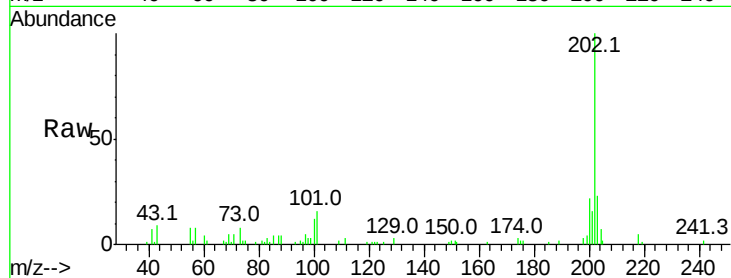
Tot Ion:202 Resp: 38916

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

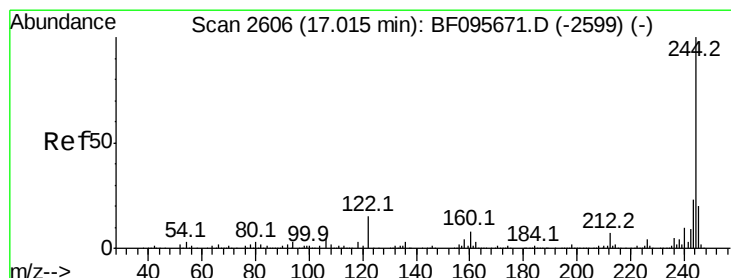
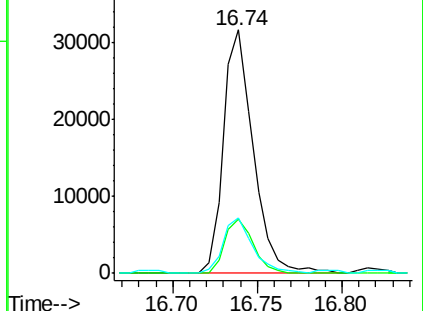
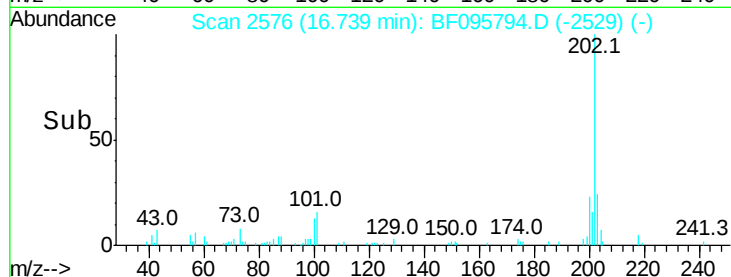
203 22.9 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.16 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

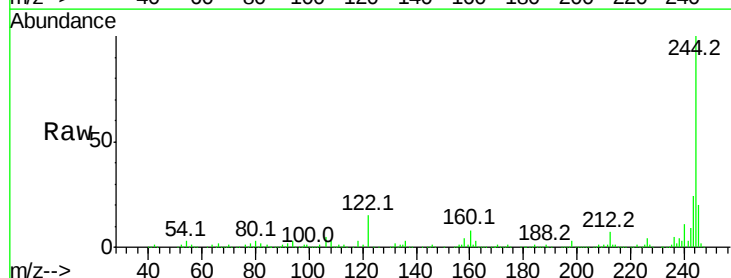
Tgt Ion:244 Resp: 654605

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

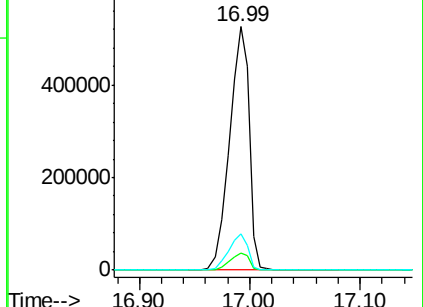
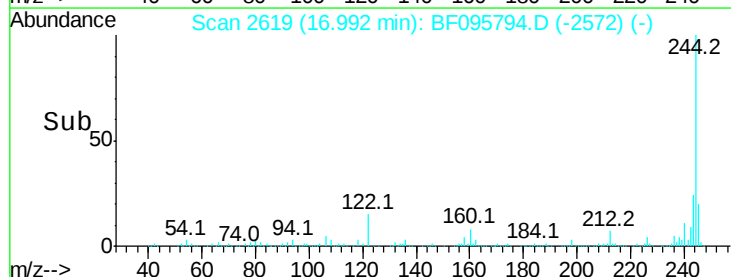
122 15.1 10.3 15.5

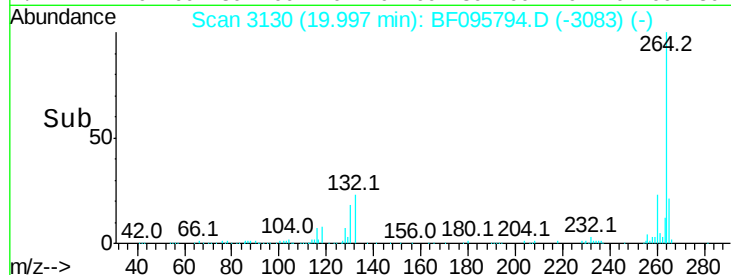
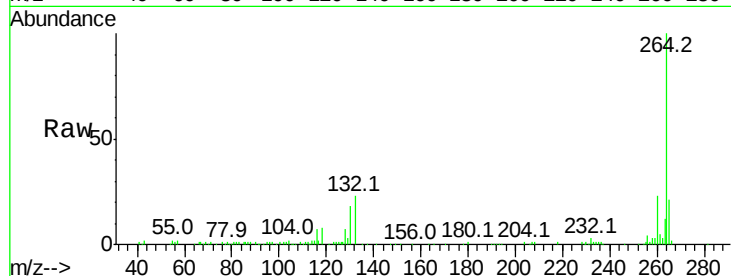
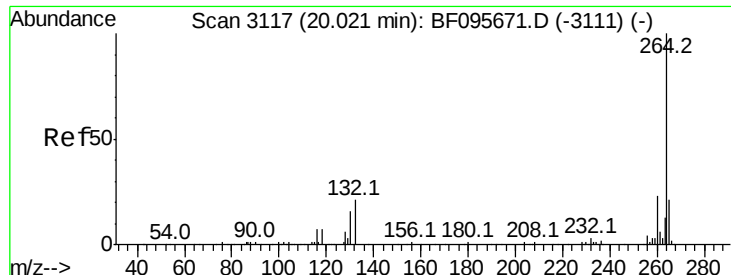


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Instrument :
BNA_F
ClientSampleId :
SOILSAMPLE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.7	17.2	25.8

