

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062917\
 Data File : BF096299.D
 Acq On : 29 Jun 2017 18:45
 Operator : SJ/MA
 Sample : I3935-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JFK-SOIL-06-26-17(COMPOSITE)

Quant Time: Jun 30 04:29:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

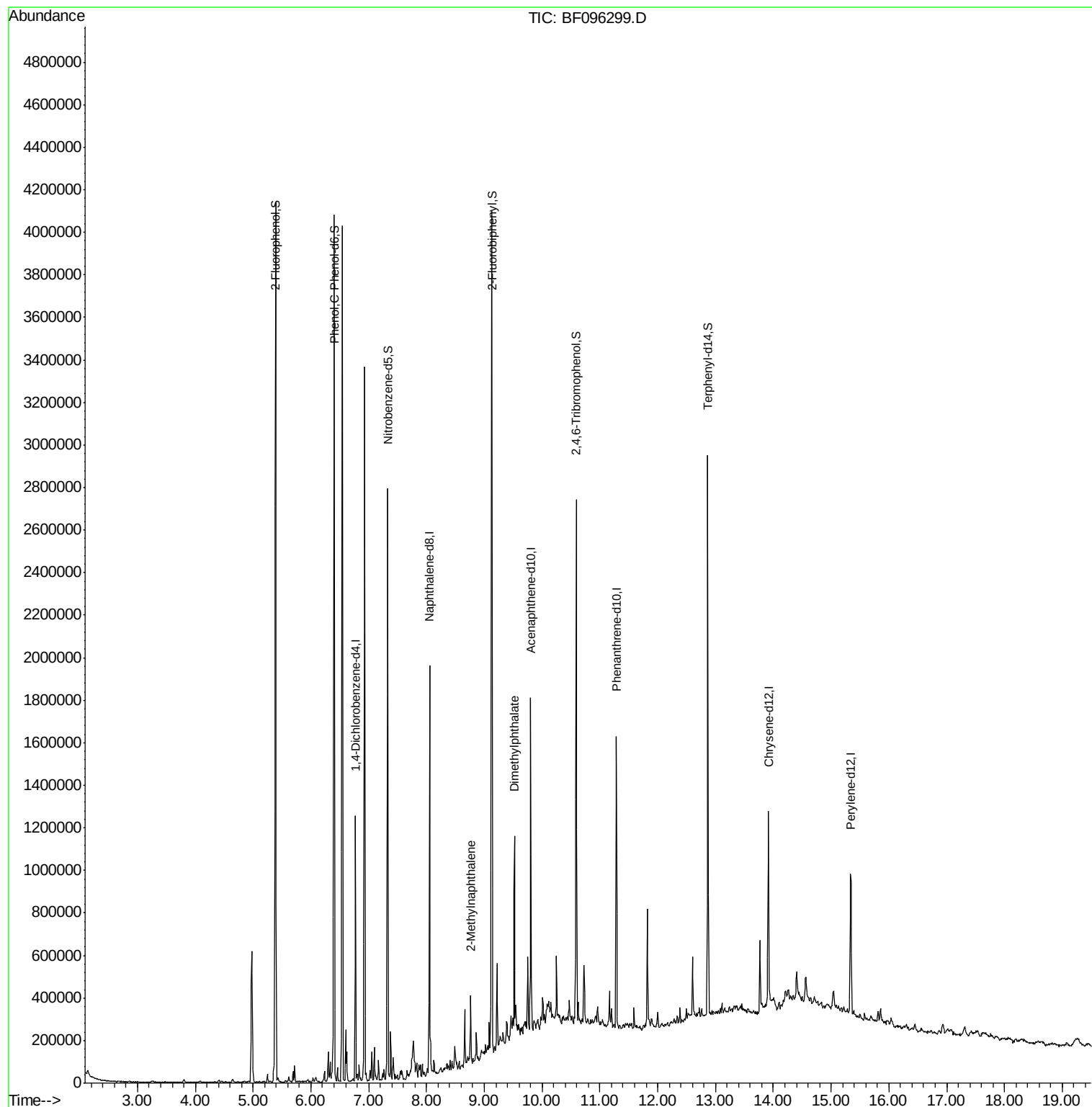
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	169739	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	705998	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	297395	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	459763	20.00	ng	0.00
75) Chrysene-d12	13.92	240	291795	20.00	ng	0.00
86) Perylene-d12	15.34	264	308492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1302014	110.51	ng	0.01
7) Phenol-d6	6.40	99	1647003	115.45	ng	0.01
23) Nitrobenzene-d5	7.33	82	953693	93.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	333346	142.43	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1428383	87.96	ng	-0.02
78) Terphenyl-d14	12.87	244	949767	81.22	ng	0.00
Target Compounds						
10) Phenol	6.42	94	38527	2.46	ng	87
37) 2-Methylnaphthalene	8.76	142	79400	3.59	ng	96
49) Dimethylphthalate	9.52	163	341255	16.03	ng	99

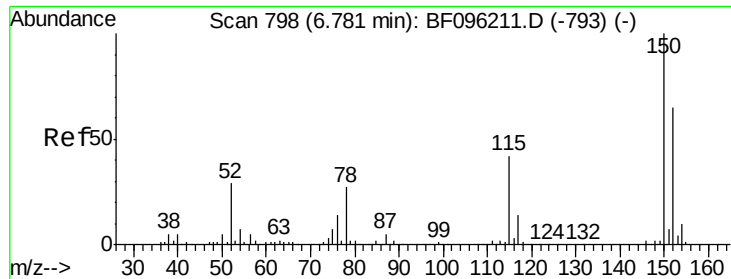
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

Instrument :

BNA_F

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JFK-SOIL-06-26-17(COMPOSITE)

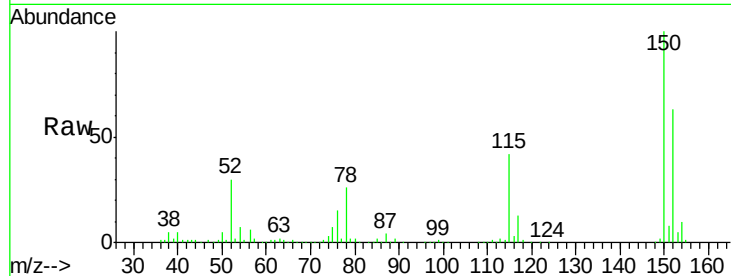
Tgt Ion:152 Resp: 169739

Ion Ratio Lower Upper

152 100

150 158.6 126.2 189.2

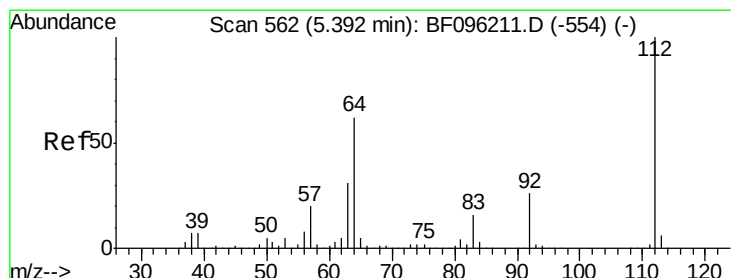
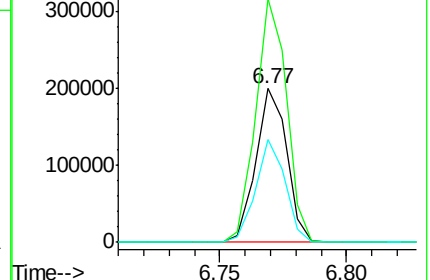
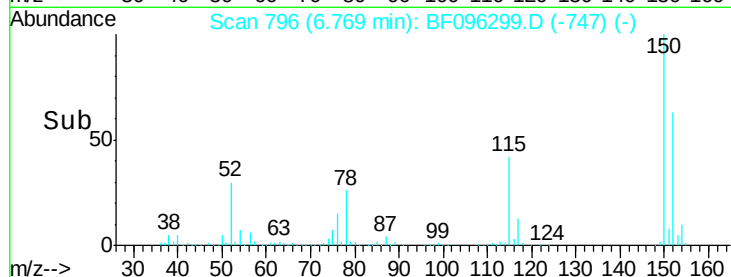
115 67.0 52.2 78.2



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: 110.51 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

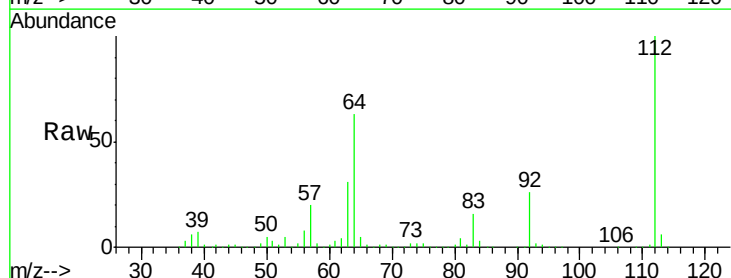
Tgt Ion:112 Resp: 1302014

Ion Ratio Lower Upper

112 100

64 63.0 46.0 69.0

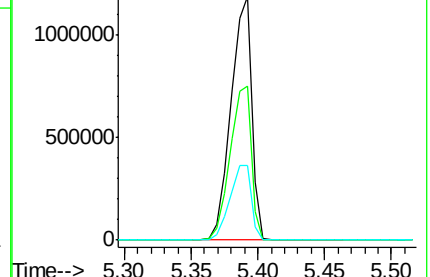
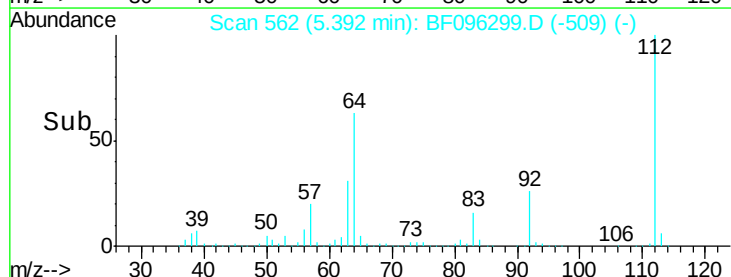
63 30.9 23.4 35.0

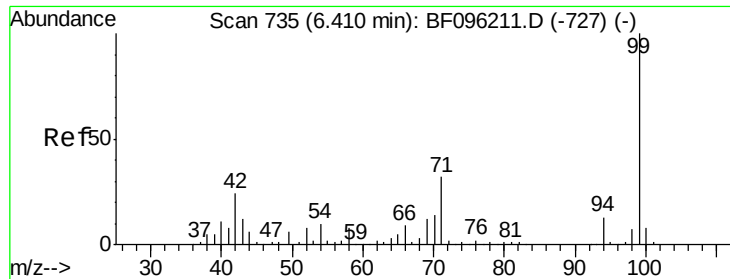


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.45 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

Instrument :

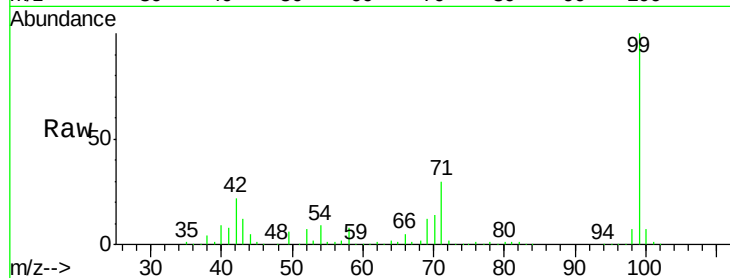
BNA_F

ClientSampleId :

JFK-SOIL-06-26-17(COMPOSITE)

Tgt Ion: 99 Resp: 1647003

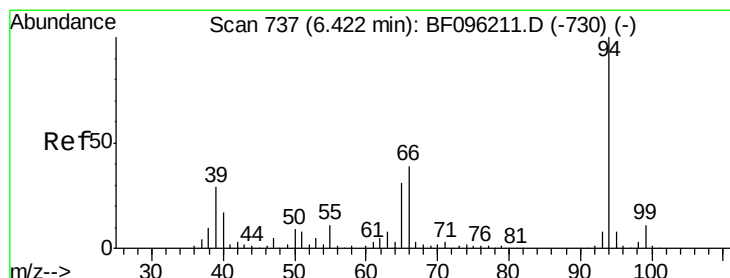
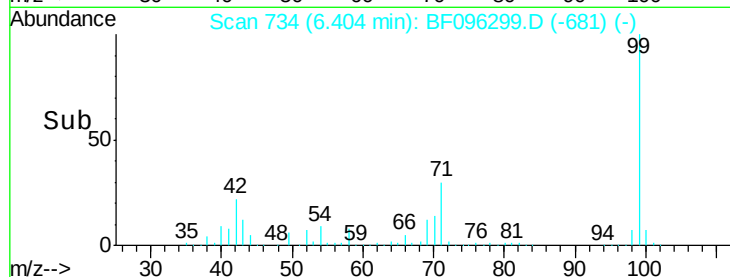
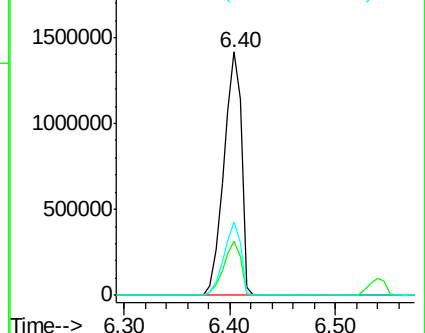
Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	29.9	24.5	36.7



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



#10

Phenol

Concen: 2.46 ng

RT: 6.42 min Scan# 736

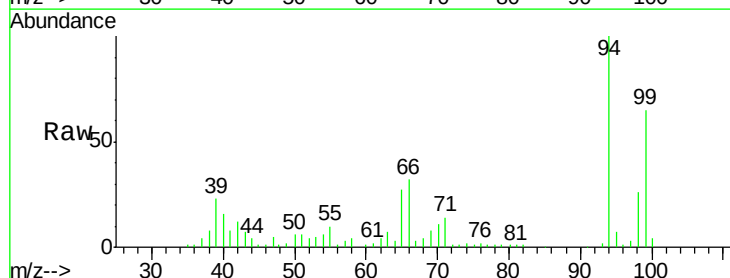
Delta R.T. 0.01 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

Tgt Ion: 94 Resp: 38527

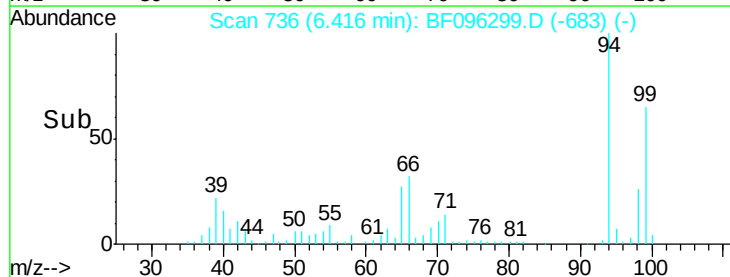
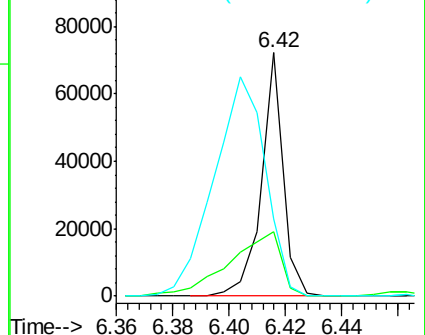
Ion	Ratio	Lower	Upper
94	100		
65	26.6	9.9	49.9
66	31.5	23.1	63.1

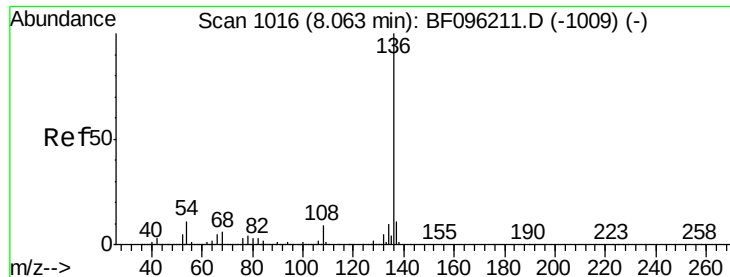


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

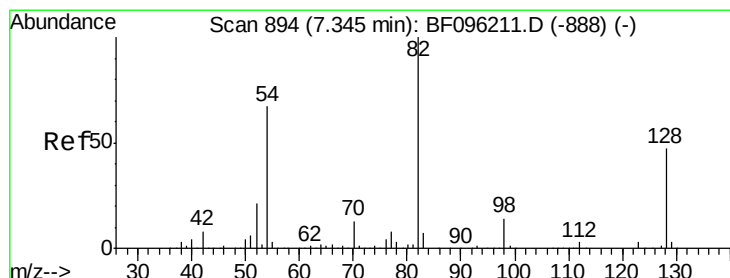
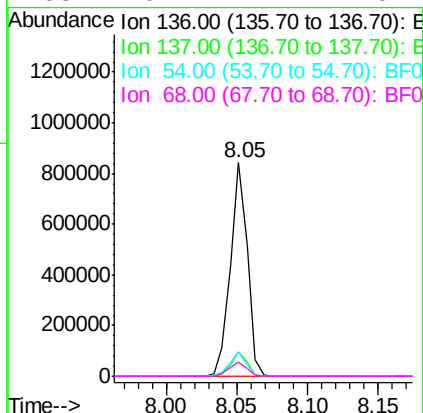
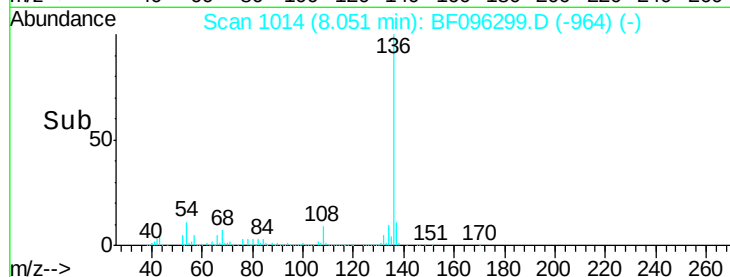
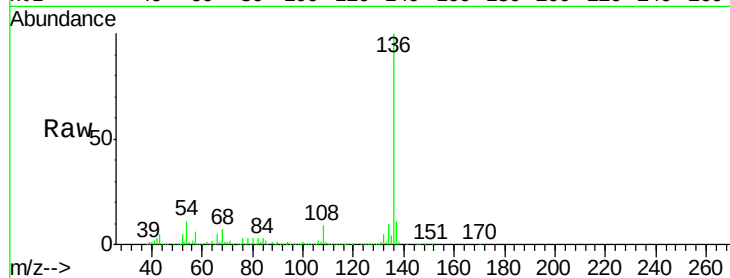




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

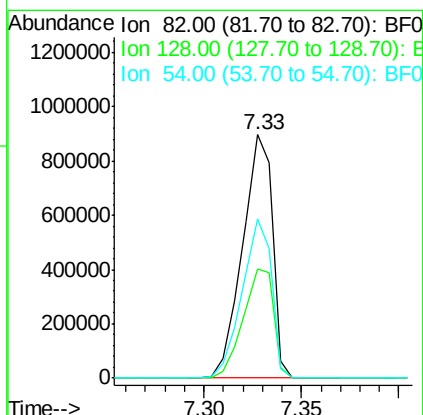
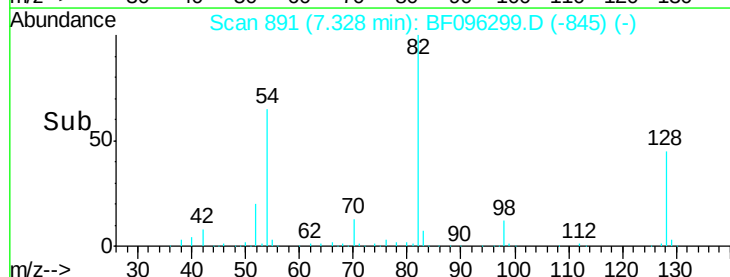
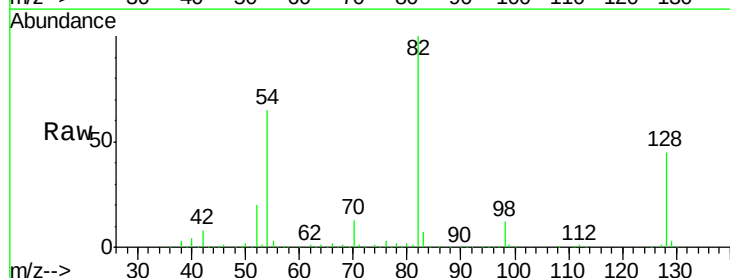
Instrument :
BNA_F
ClientSampleId :
JFK-SOIL-06-26-17(COMPOSITE)

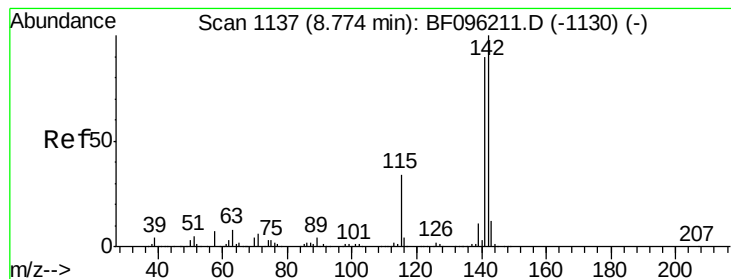
Tgt Ion:	136	Resp:	705998
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.4	4.9	7.3#
68	6.7	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 93.51 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Tgt Ion:	82	Resp:	953693
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	65.4	42.2	63.2#





#37

2-Methylnaphthalene

Concen: 3.59 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

Instrument :

BNA_F

ClientSampleId :

JFK-SOIL-06-26-17(COMPOSITE)

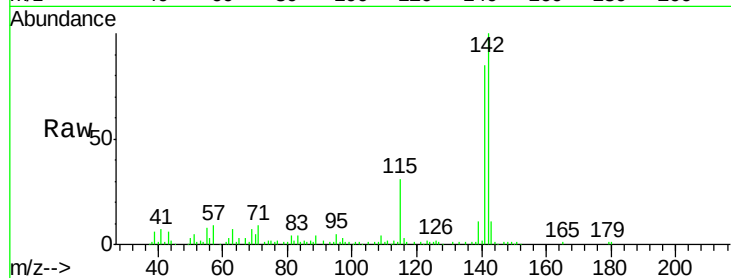
Tgt Ion:142 Resp: 79400

Ion Ratio Lower Upper

142 100

141 85.3 71.3 106.9

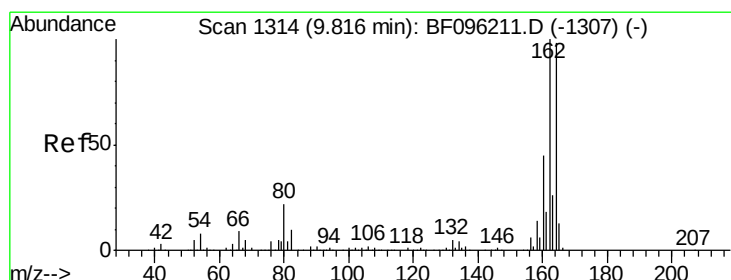
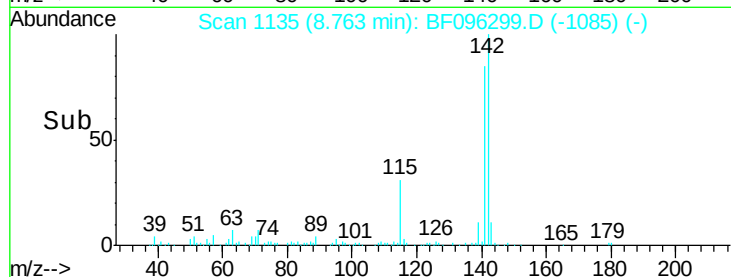
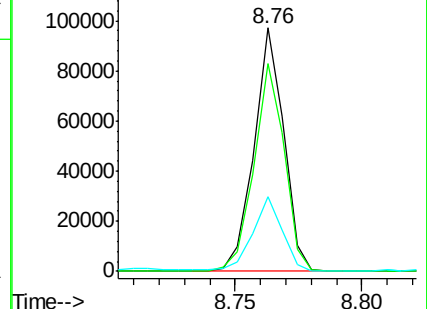
115 30.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

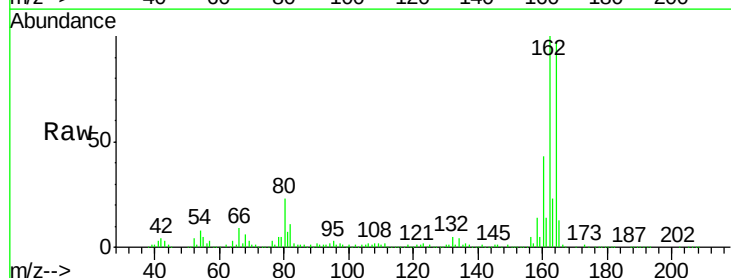
Tgt Ion:164 Resp: 297395

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

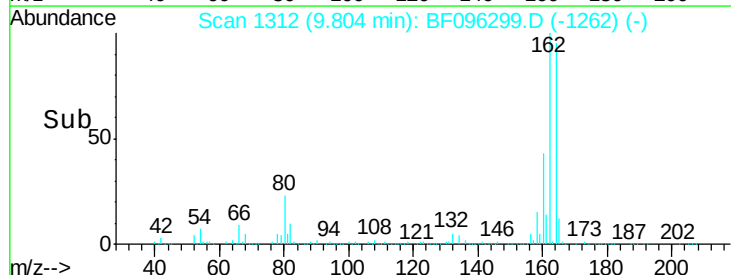
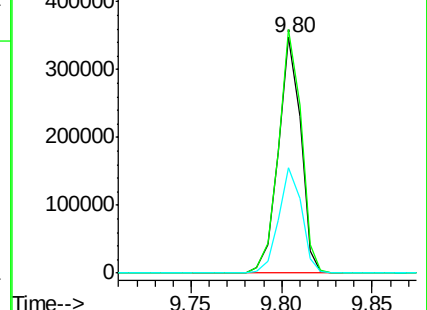
160 44.7 36.2 54.2

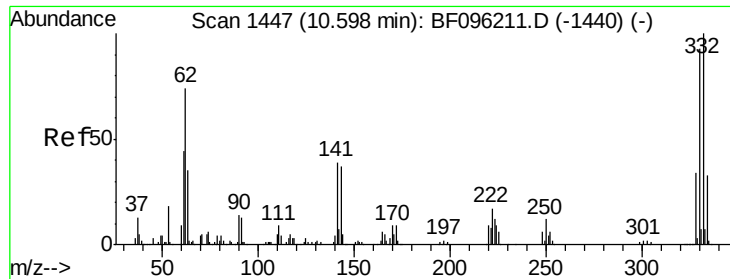


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

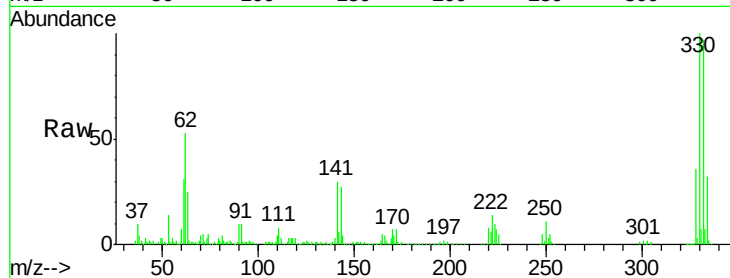




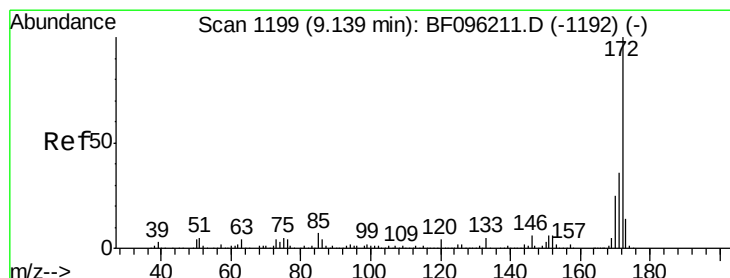
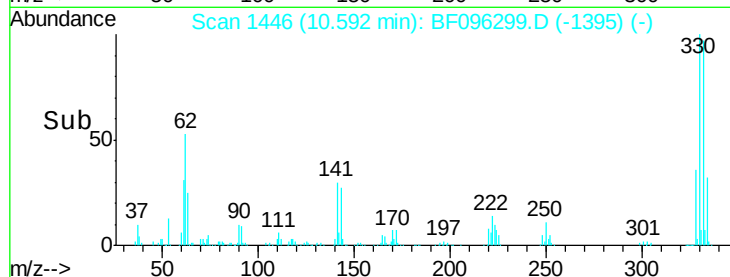
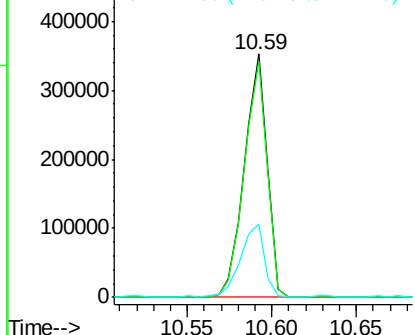
#41
 2,4,6-Tribromophenol
 Concen: 142.43 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096299.D
 Acq: 29 Jun 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 JFK-SOIL-06-26-17(COMPOSITE)

Tgt Ion:330 Resp: 333346
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 30.9 31.4 47.2#

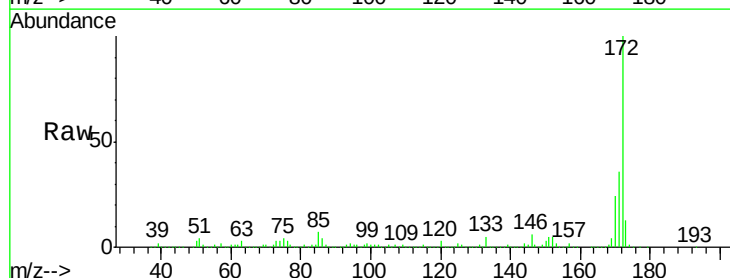


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

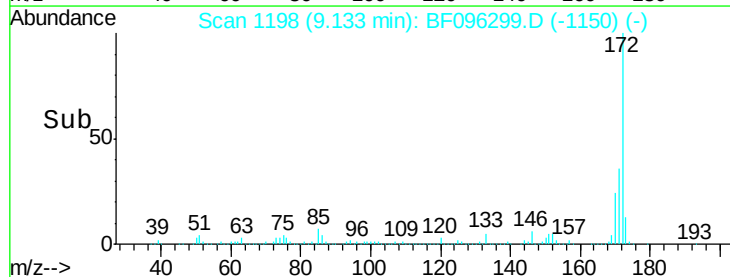
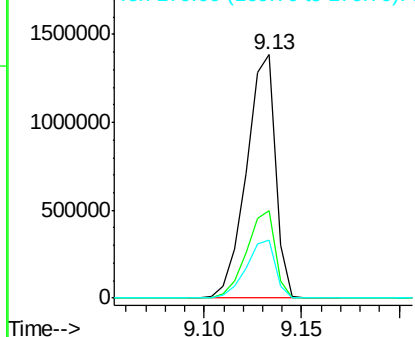


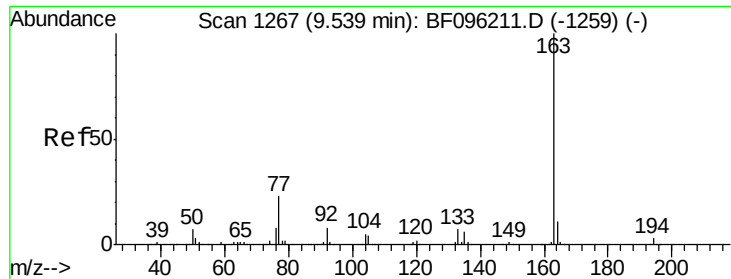
#44
 2-Fluorobiphenyl
 Concen: 87.96 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096299.D
 Acq: 29 Jun 2017 18:45

Tgt Ion:172 Resp: 1428383
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.9 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

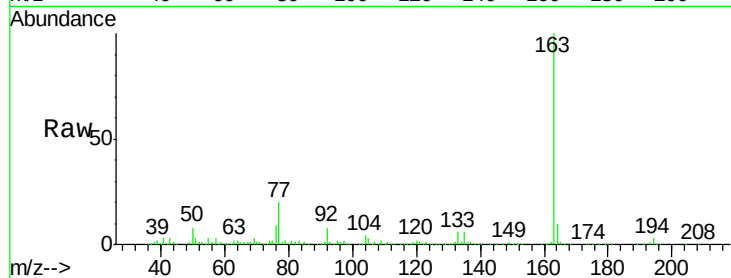




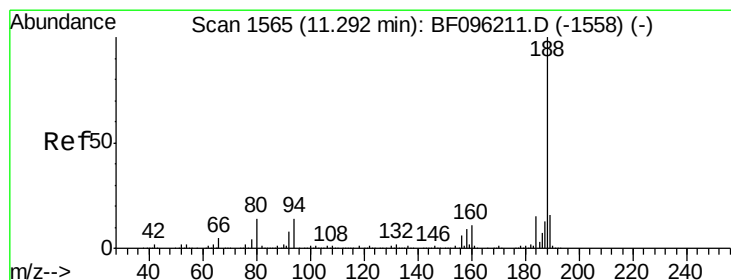
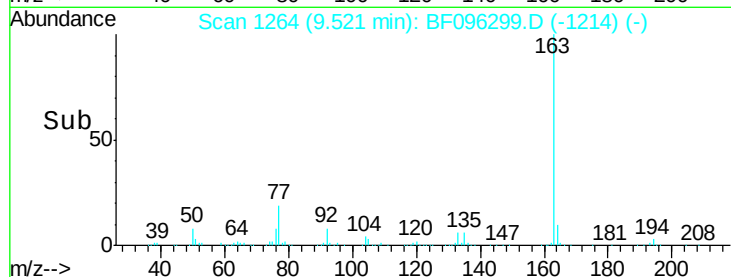
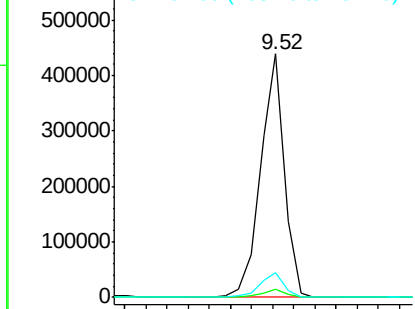
#49
Dimethylphthalate
Concen: 16.03 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Instrument :
BNA_F
ClientSampleId :
JFK-SOIL-06-26-17(COMPOSITE)

Tgt Ion:163 Resp: 341255
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6

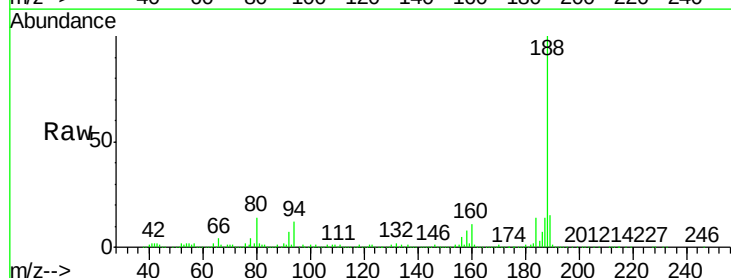


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

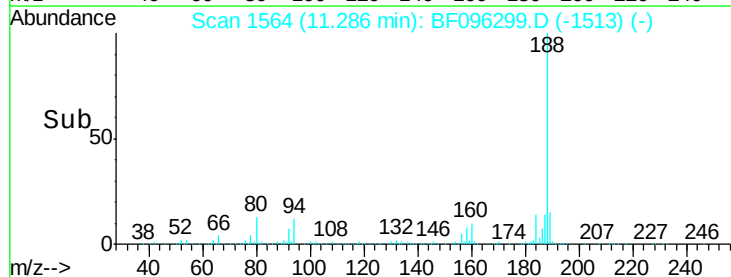
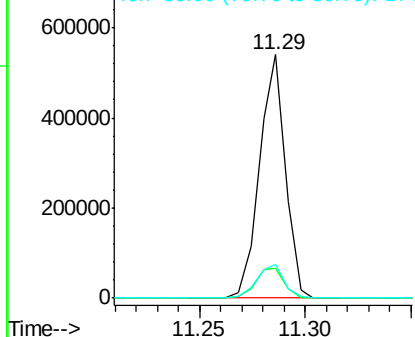


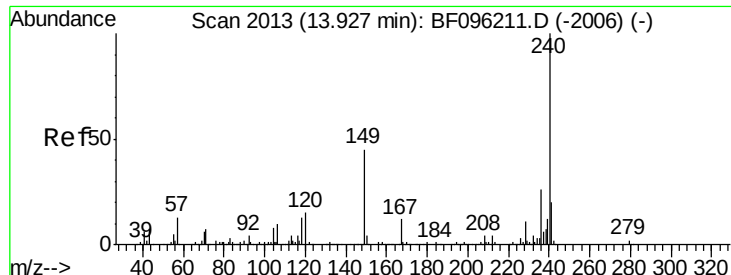
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Tgt Ion:188 Resp: 459763
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.7 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

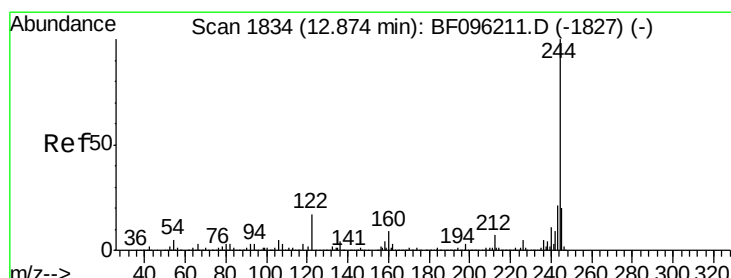
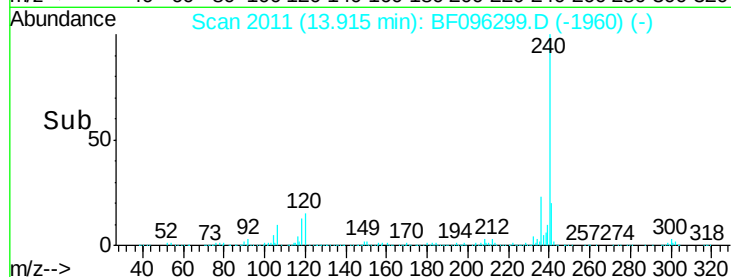
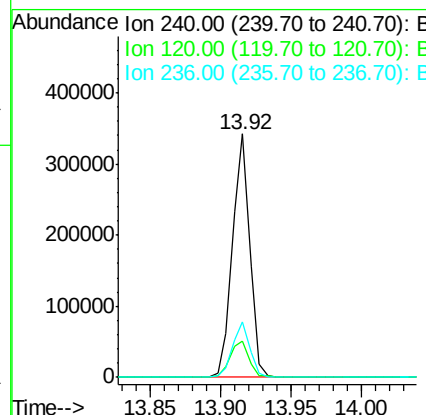
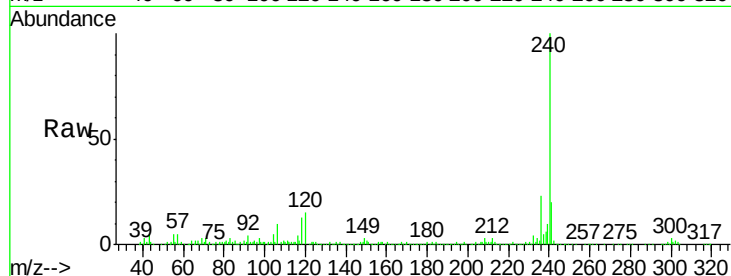




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

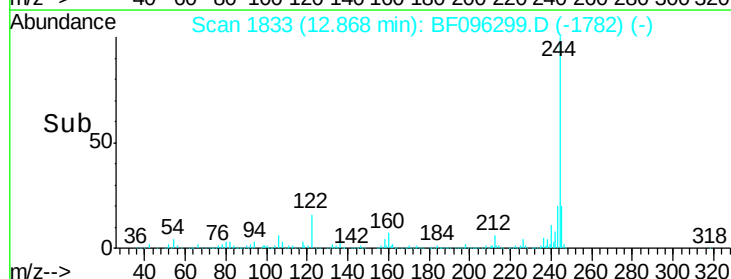
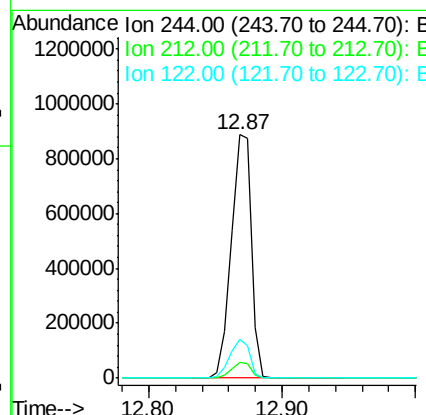
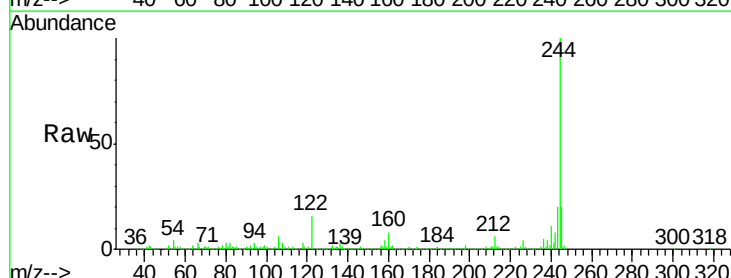
Instrument :
BNA_F
ClientSampleId :
JFK-SOIL-06-26-17(COMPOSITE)

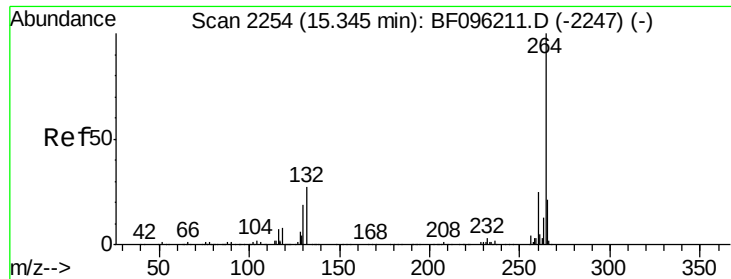
Tgt Ion:240 Resp: 291795
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 22.8 20.5 30.7



#78
Terphenyl-d14
Concen: 81.22 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Tgt Ion:244 Resp: 949767
Ion Ratio Lower Upper
244 100
212 6.2 6.0 9.0
122 15.9 10.3 15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Instrument :
BNA_F
ClientSampleId :
JFK-SOIL-06-26-17(COMPOSITE)

Tgt Ion: 264 Resp: 308492
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.8 17.2 25.8

