

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098589.D
 Acq On : 16 Sep 2017 00:47
 Operator : SJ/JU
 Sample : I5205-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDE

Manual Integrations
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Sohil
 9/18/2017 3:33:59 PM

Quant Time: Sep 16 04:15:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	121793	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	470442	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	232228	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	387305	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	257588	20.00	ng	-0.02
86) Perylene-d12	15.20	264	243333	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	857524	104.10	ng	-0.02
7) Phenol-d6	6.30	99	1065260	101.85	ng	-0.02
23) Nitrobenzene-d5	7.22	82	601962	71.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	196204	126.59	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	987217	72.05	ng	-0.03
78) Terphenyl-d14	12.74	244	669720	56.12	ng	-0.02
Target Compounds						
10) Phenol	6.31	94	41535	3.419	ng	Qvalue # 77
49) Dimethylphthalate	9.40	163	187476	10.429	ng	100
74) Fluoranthene	12.37	202	65189	3.172	ng	95
77) Pyrene	12.60	202	60972	3.001	ng	100

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

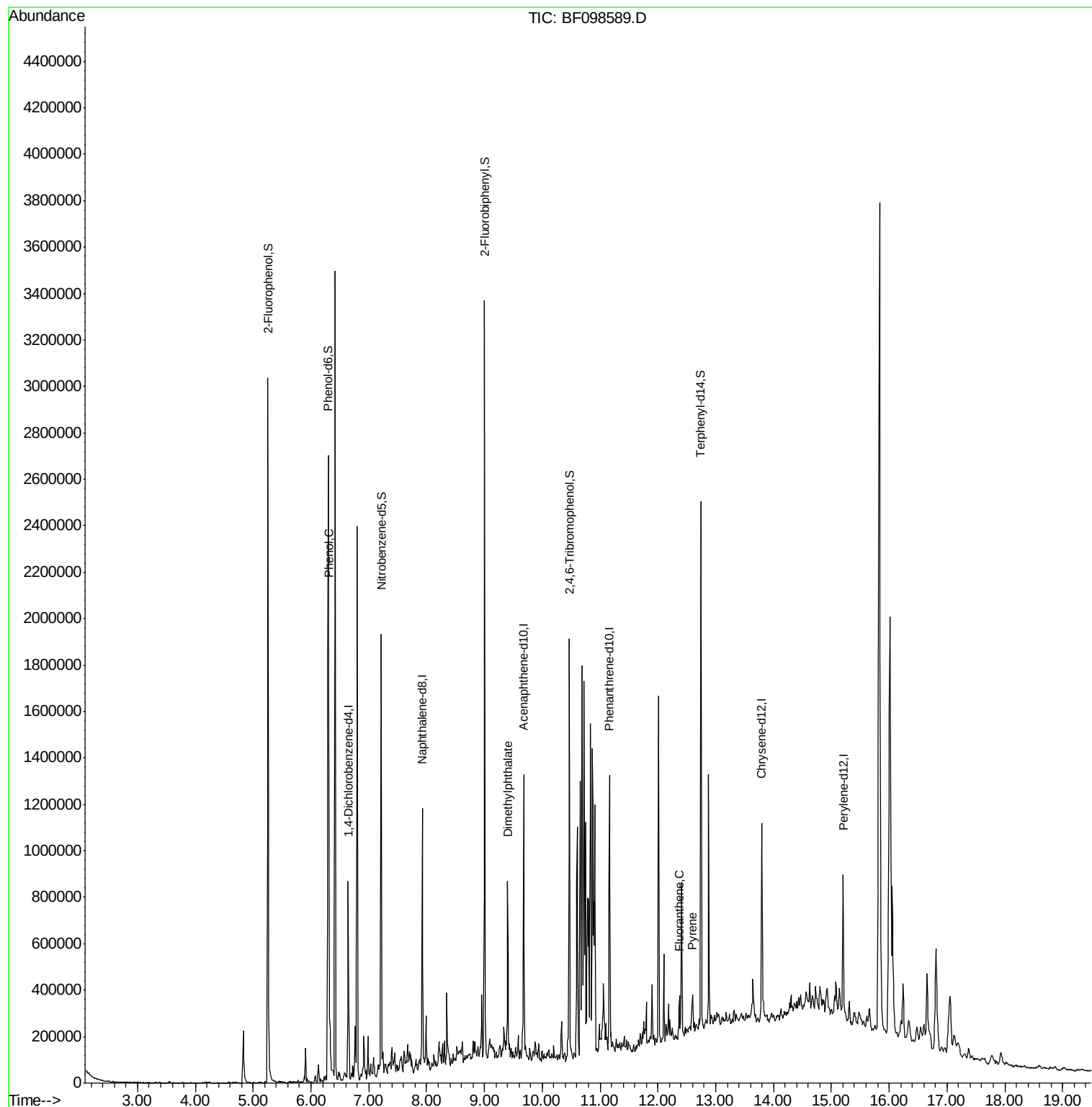
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098589.D
Acq On : 16 Sep 2017 00:47
Operator : SJ/JU
Sample : I5205-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

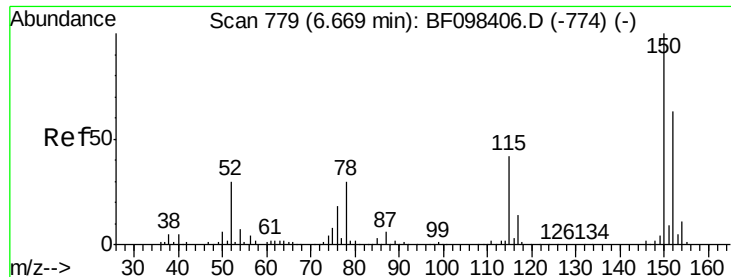
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDE

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#1

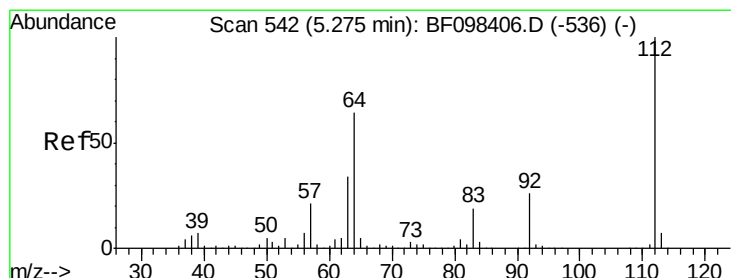
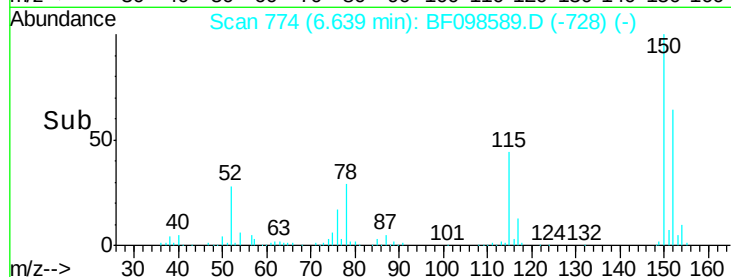
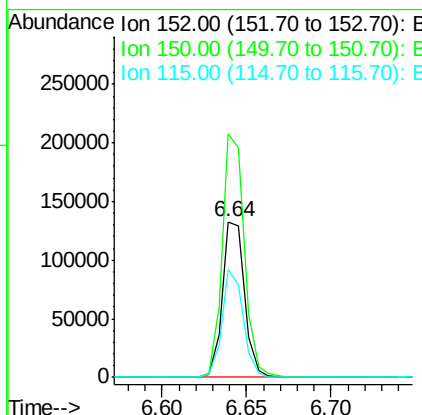
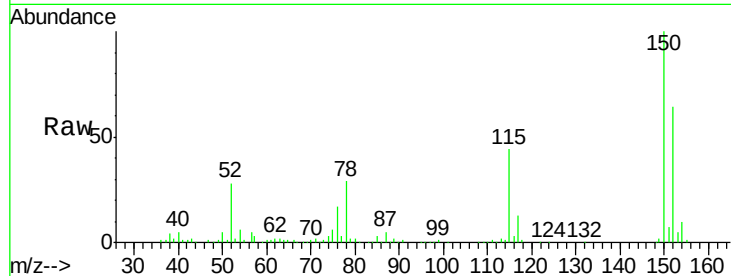
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF098589.D
Acq: 16 Sep 2017 00:47

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDE

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	121793		
150	156.2	126.2	189.2	
115	69.0	52.2	78.2	

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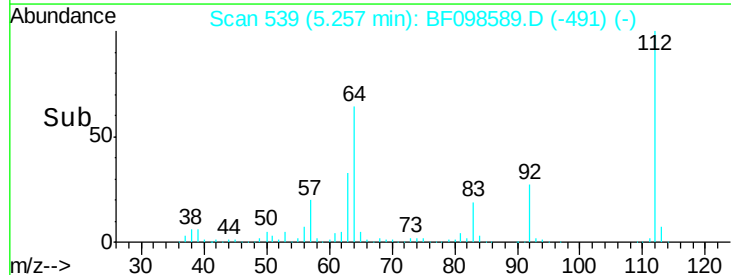
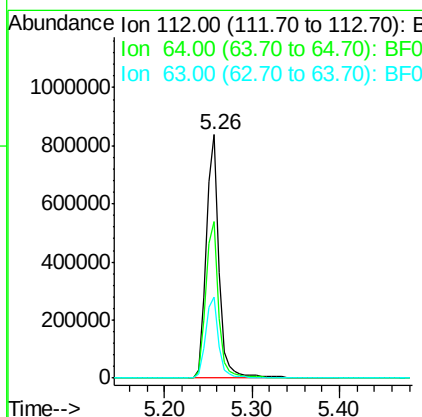
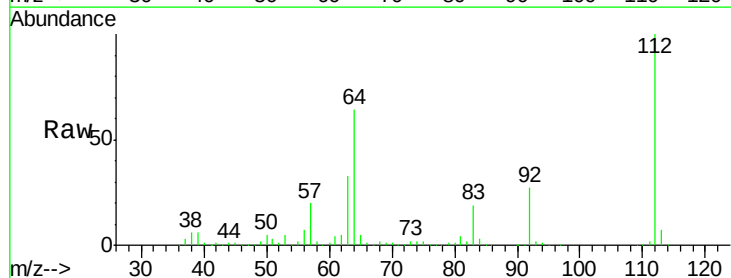
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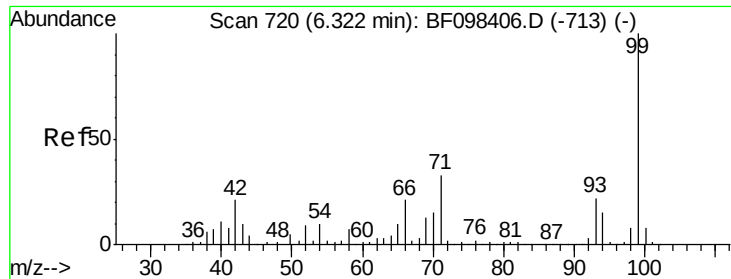


#5

2-Fluorophenol
Concen: 104.100 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098589.D
Acq: 16 Sep 2017 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	857524		
64	64.1	46.0	69.0	
63	33.1	23.4	35.0	





#7

Phenol-d6

Concen: 101.853 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098589.D

Acq: 16 Sep 2017 00:47

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDE

Tgt Ion: 99 Resp: 1065260

Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

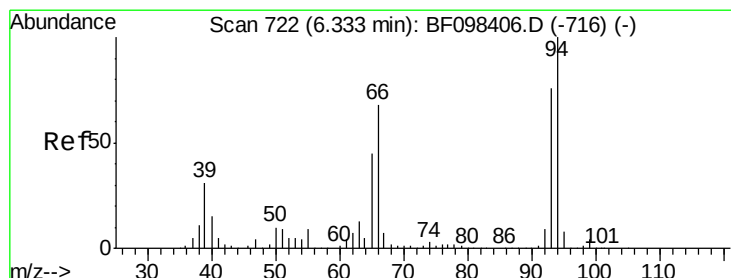
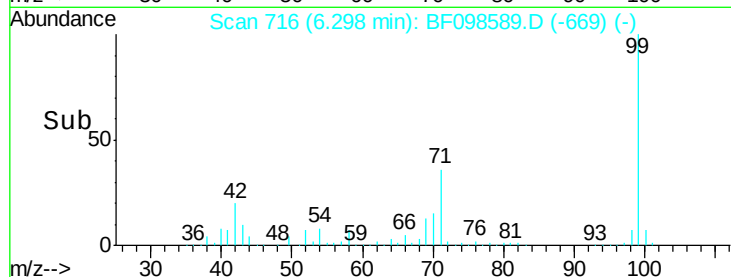
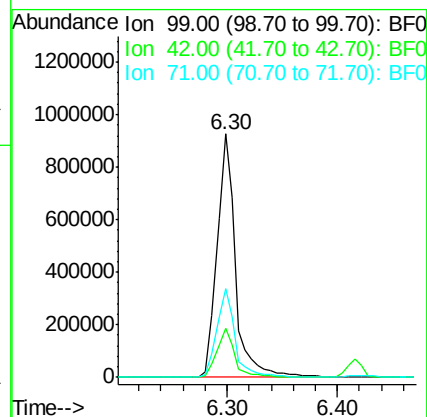
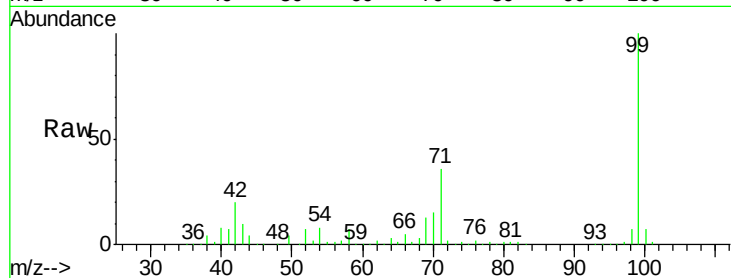
71 36.3 24.5 36.7

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#10

Phenol

Concen: 3.419 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF098589.D

Acq: 16 Sep 2017 00:47

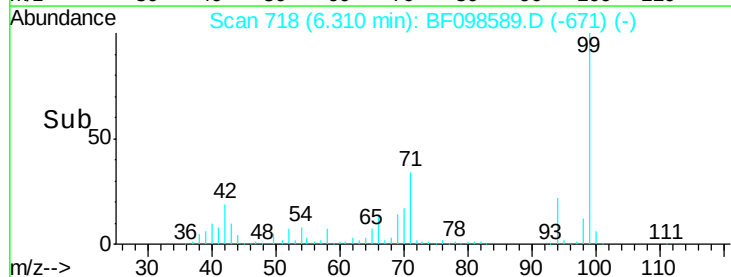
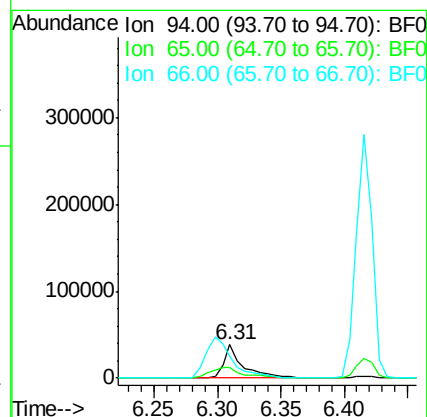
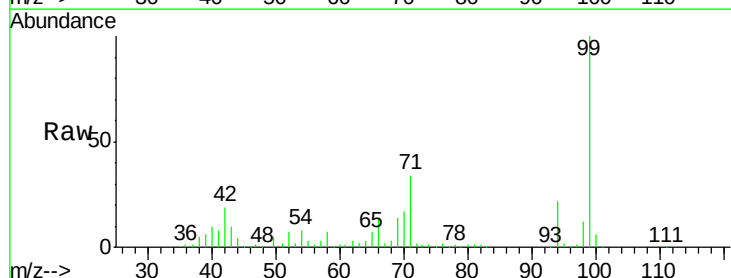
Tgt Ion: 94 Resp: 41535

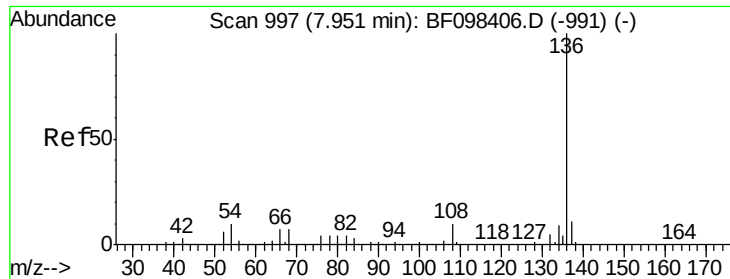
Ion Ratio Lower Upper

94 100

65 33.1 9.9 49.9

66 65.7 23.1 63.1#





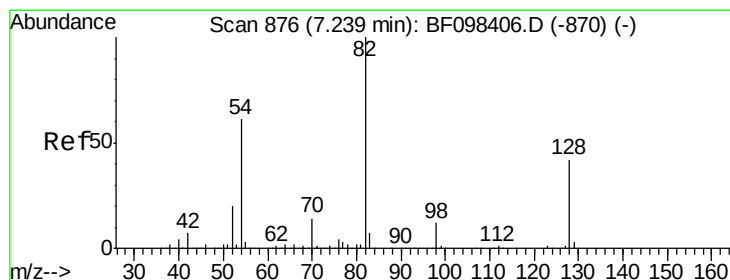
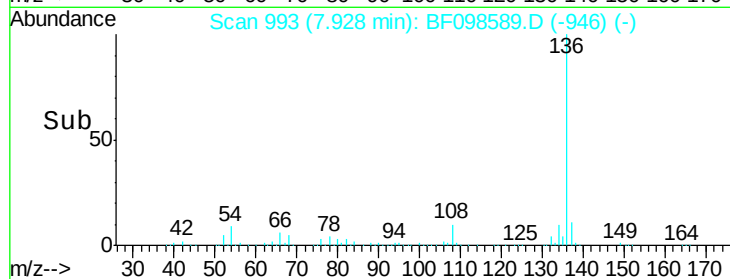
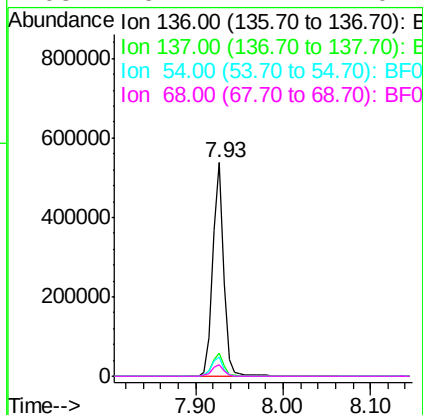
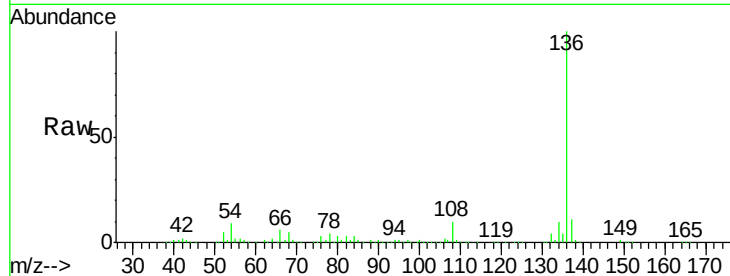
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098589.D
Acq: 16 Sep 2017 00:47

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDE

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	470442		
137	10.6	8.5	12.7	
54	9.0	4.9	7.3	
68	5.4	4.1	6.1	

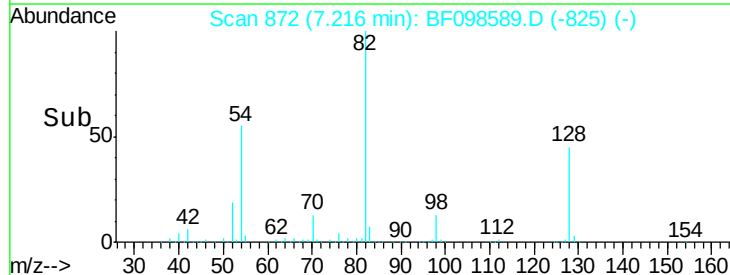
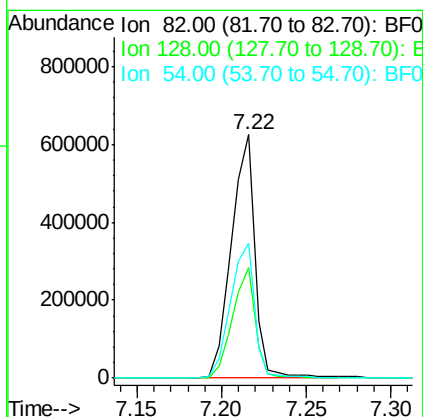
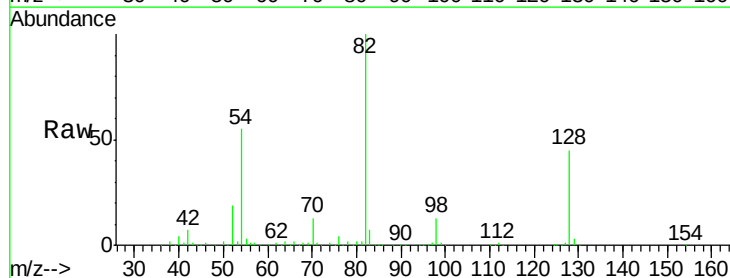
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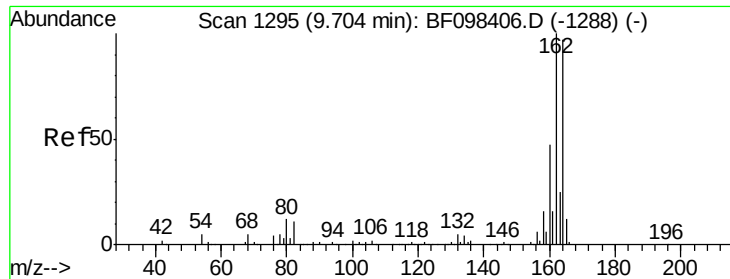
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#23
Nitrobenzene-d5
Concen: 71.335 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098589.D
Acq: 16 Sep 2017 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	601962		
128	45.4	34.0	51.0	
54	55.3	42.2	63.2	





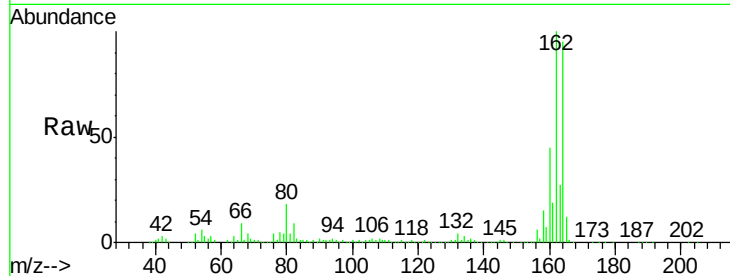
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098589.D
Acq: 16 Sep 2017 00:47

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDE

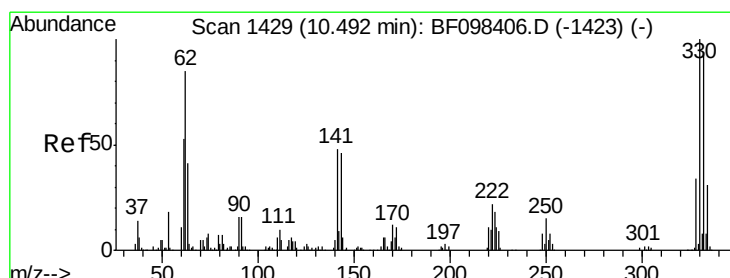
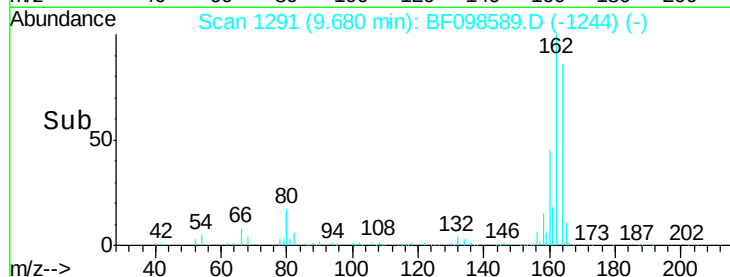
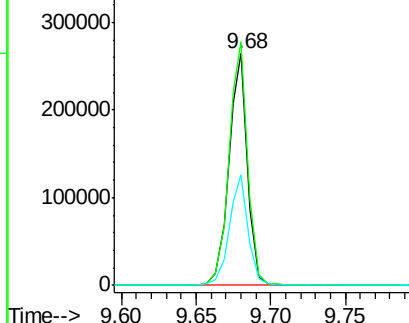
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	232228		
162	105.2	82.6	123.8	
160	47.5	36.2	54.2	

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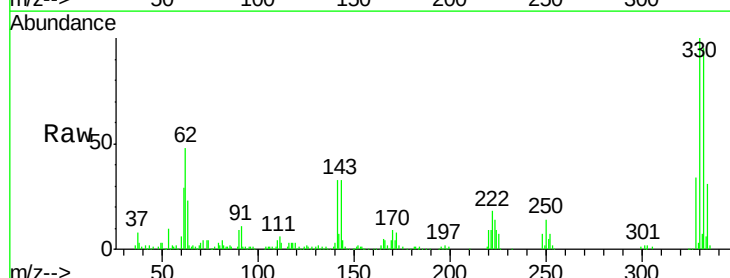


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

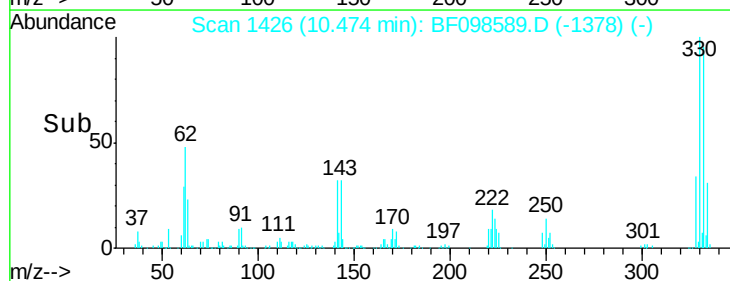
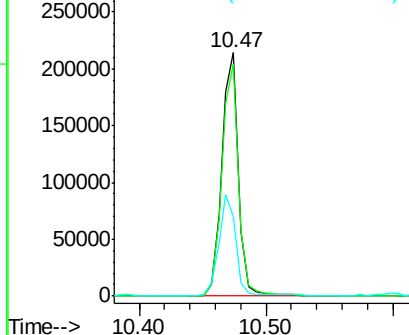


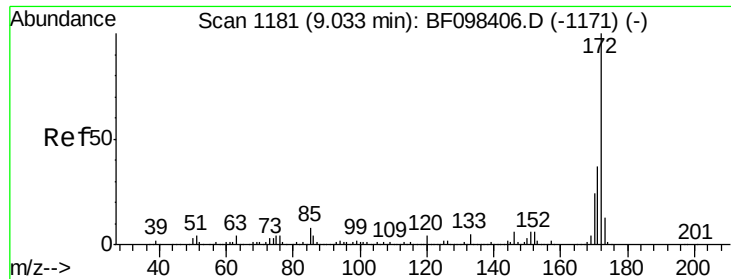
#41
2,4,6-Tribromophenol
Concen: 126.589 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098589.D
Acq: 16 Sep 2017 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	196204		
332	96.0	76.6	115.0	
141	42.7	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





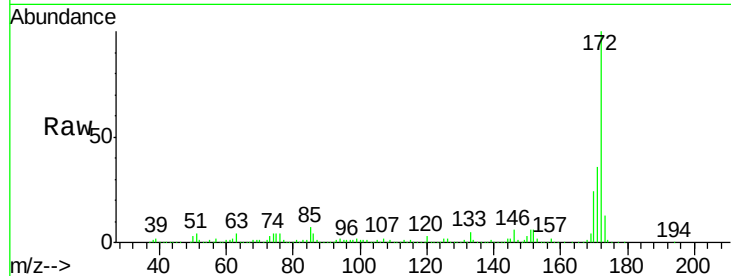
#44
2-Fluorobiphenyl
Concen: 72.052 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF098589.D
Acq: 16 Sep 2017 00:47

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDE

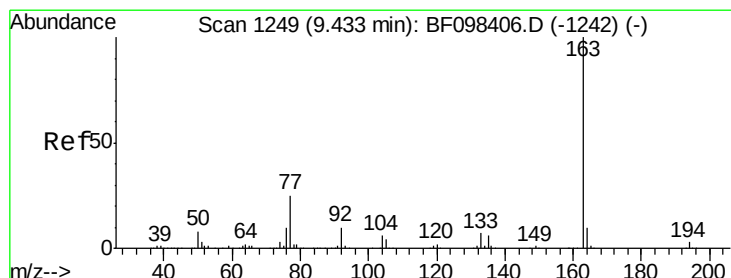
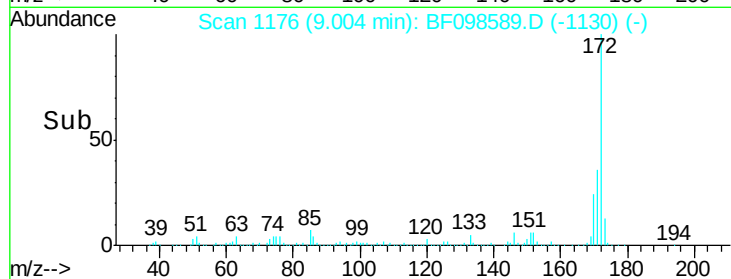
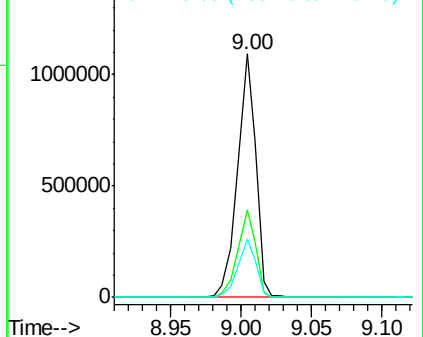
Tgt Ion:	172	Resp:	987217
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	23.7	19.8	29.8

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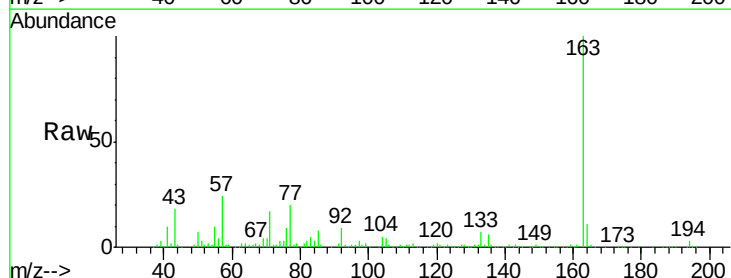


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

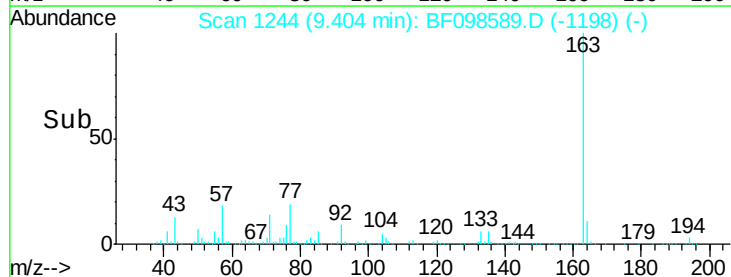
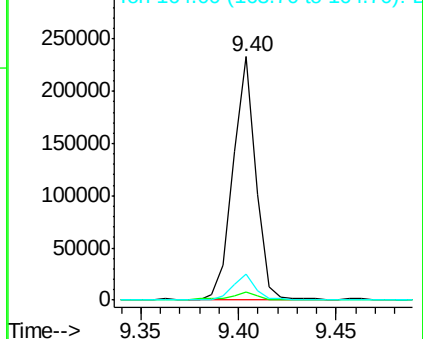


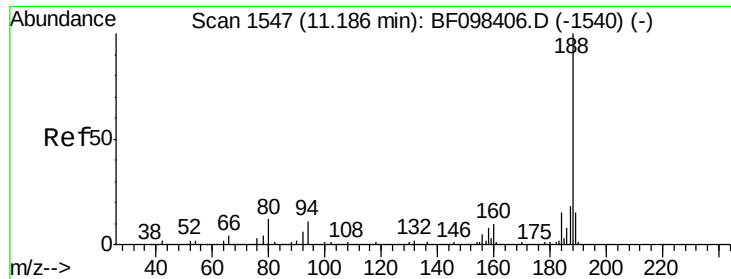
#49
Dimethylphthalate
Concen: 10.429 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098589.D
Acq: 16 Sep 2017 00:47

Tgt Ion:	163	Resp:	187476
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	10.6	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: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.02 min

Lab File: BF098589.D

Acq: 16 Sep 2017 00:47

Instrument :

BNA_F

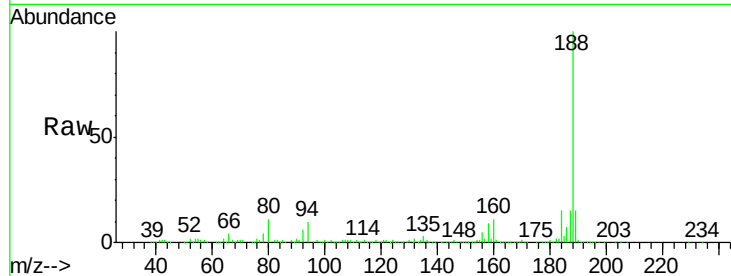
ClientSampleId :

SOIL-STOCKPILE-INSIDE

Tgt Ion:	188	Resp:	387305
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.4	14.2
80	11.0	10.2	15.2

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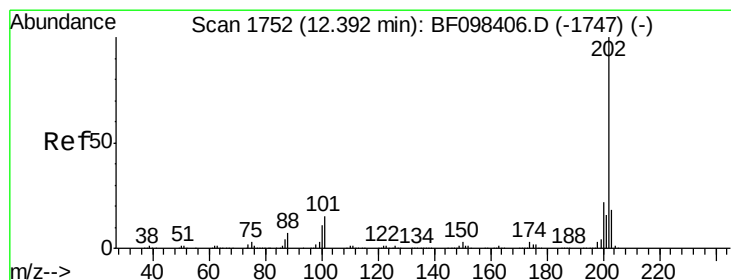
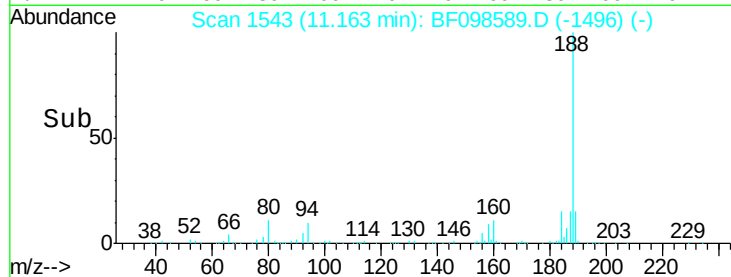
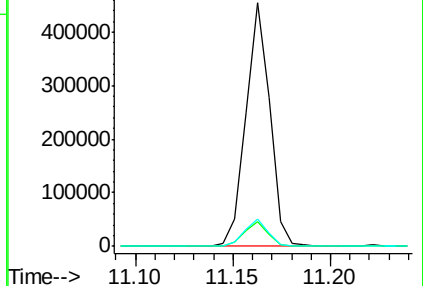
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74

Fluoranthene

Concen: 3.172 ng

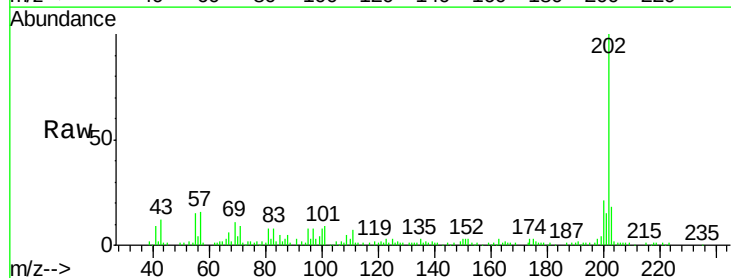
RT: 12.37 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BF098589.D

Acq: 16 Sep 2017 00:47

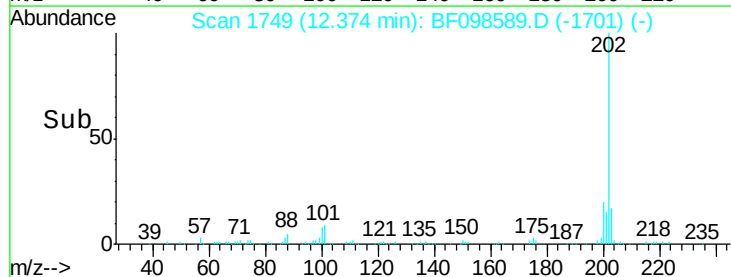
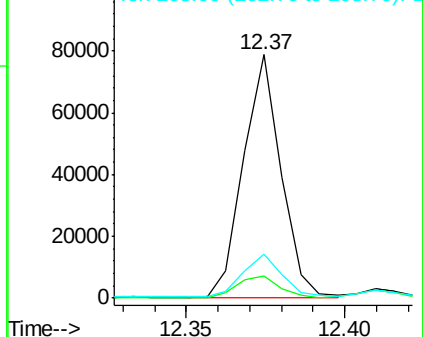
Tgt Ion:	202	Resp:	65189
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	33.2
203	17.9	0.0	38.1

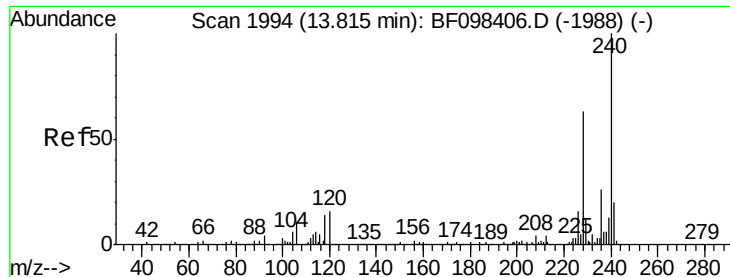


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098589.D

Acq: 16 Sep 2017 00:47

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDE

Tgt Ion: 240 Resp: 257588

Ion Ratio Lower Upper

240 100

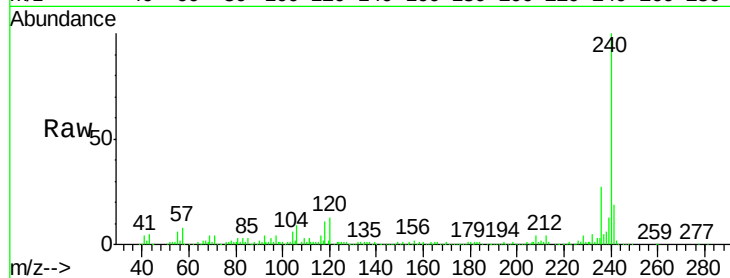
120 12.6 5.8 8.8#

236 26.9 20.5 30.7

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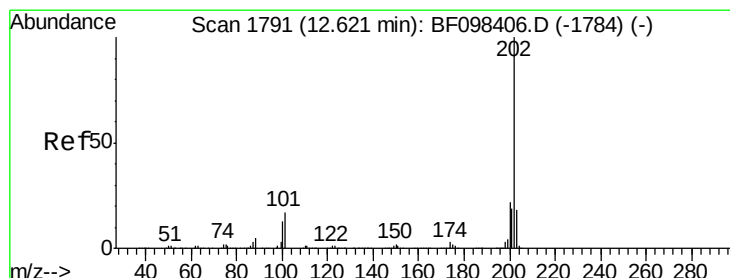
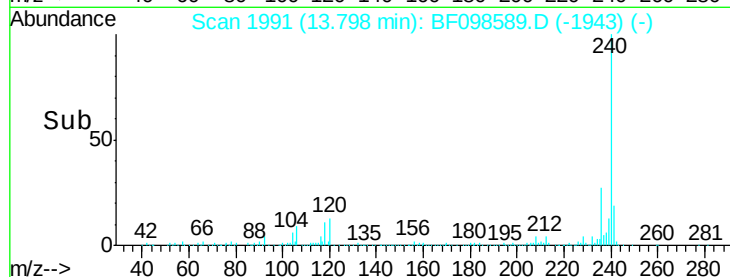
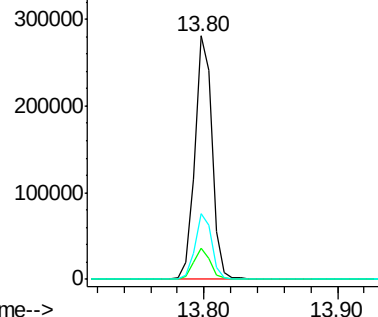
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.001 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF098589.D

Acq: 16 Sep 2017 00:47

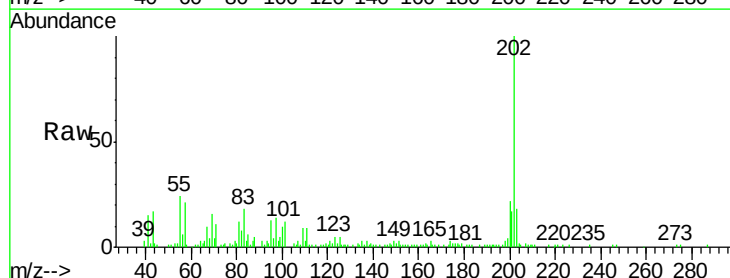
Tgt Ion: 202 Resp: 60972

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

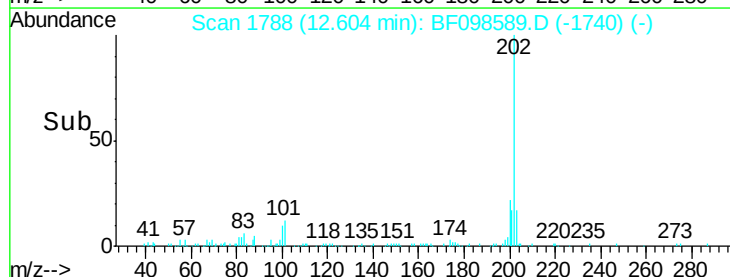
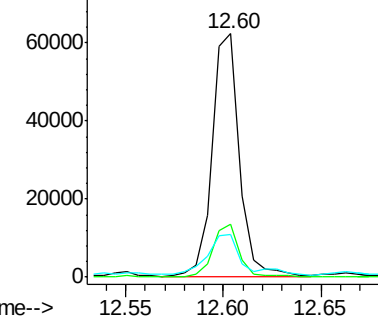
203 17.7 14.4 21.6

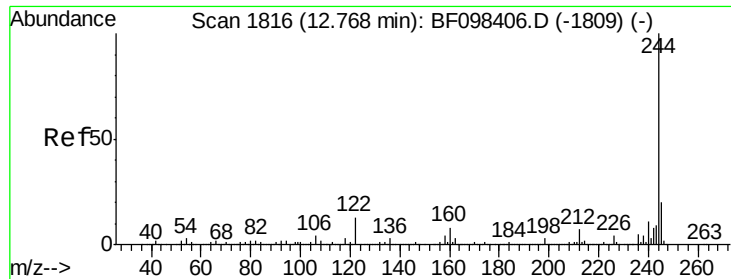


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





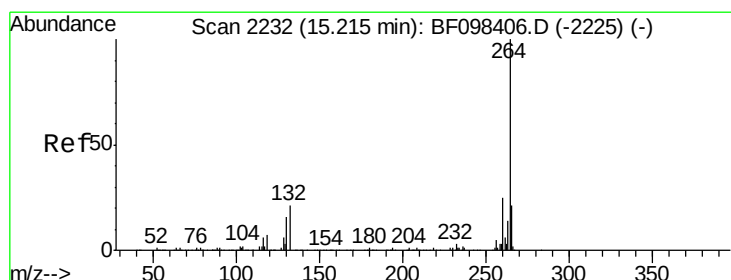
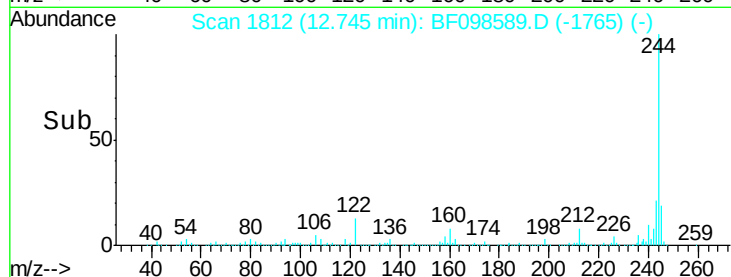
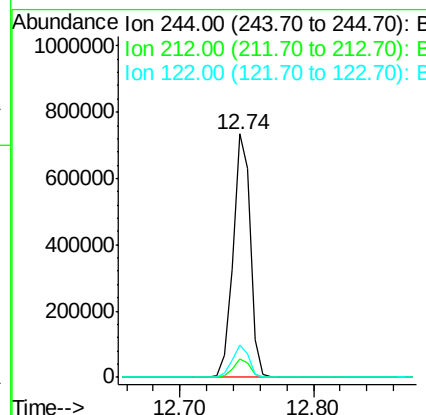
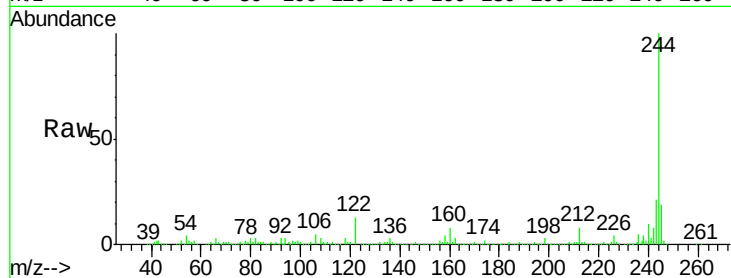
#78
 Terphenyl-d14
 Concen: 56.119 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BF098589.D
 Acq: 16 Sep 2017 00:47

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDE

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	669720		
212	7.6	6.0	9.0	
122	13.5	10.3	15.5	

Manual Integrations
 APPROVED

Sohil
 9/18/2017 3:33:59 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF098589.D
 Acq: 16 Sep 2017 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	243333		
260	23.8	19.5	29.3	
265	20.7	17.2	25.8	

