

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101203.D
 Acq On : 7 Dec 2017 14:21
 Operator : SJ/JU
 Sample : I6765-03 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SB002A

Manual Integrations
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Sohil
 12/8/2017 11:12:05 AM

Quant Time: Dec 07 16:54:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	48107	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	177993	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	75829	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	121684	20.00	ng	0.00
75) Chrysene-d12	14.02	240	103373	20.00	ng	0.00
86) Perylene-d12	15.50	264	81287	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	51067	17.54	ng	-0.01
7) Phenol-d6	6.47	99	59606	16.86	ng	-0.01
23) Nitrobenzene-d5	7.40	82	34185	11.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	13216	14.51	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	79612	14.36	ng	-0.01
78) Terphenyl-d14	12.96	244	62817	13.29	ng	0.00
Target Compounds						
77) Pyrene	12.82	202	22014	3.086	ng	97
91) Benzo(g,h,i)perylene	17.44	276	11415	3.104	ng	# 78

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

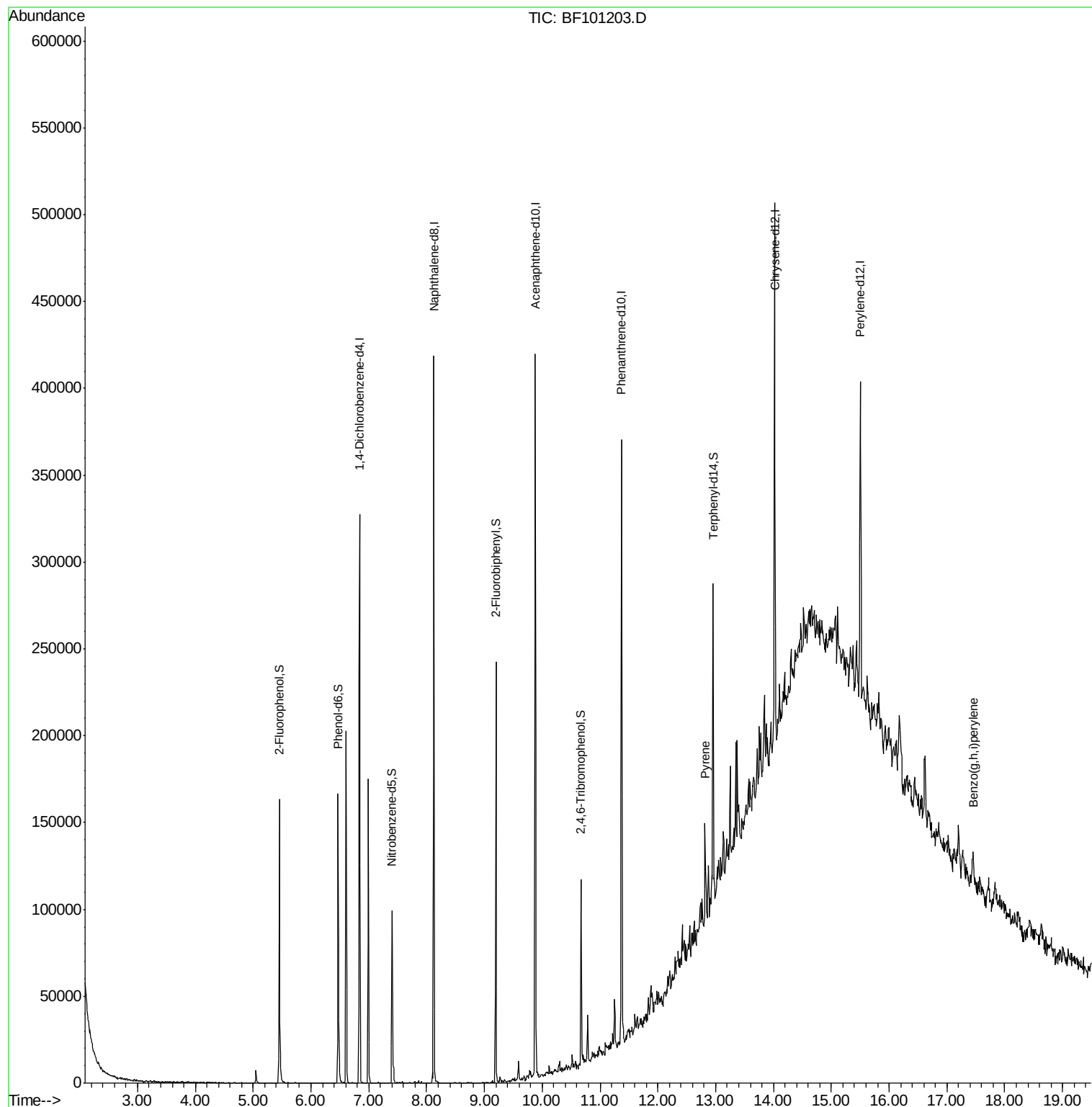
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101203.D
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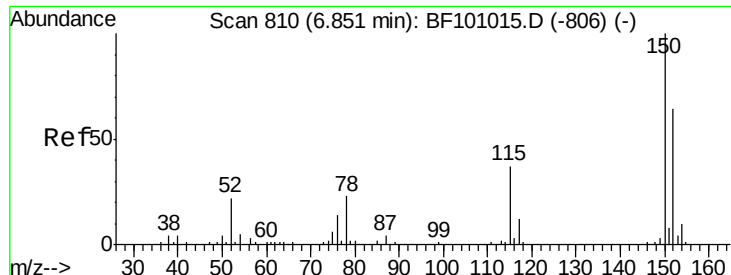
Instrument :
BNA_F
ClientSampleId :
SOIL-SB002A

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Quant Time: Dec 07 16:54:43 2017
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#1

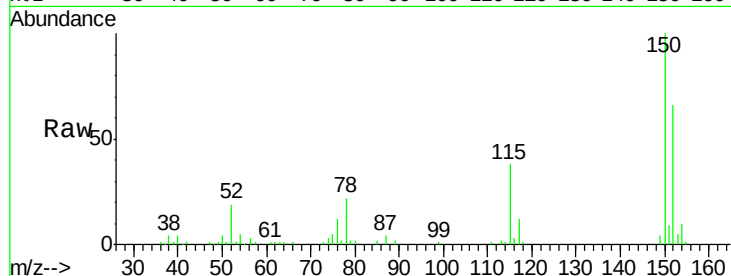
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Instrument :
BNA_F
ClientSampleId :
SOIL-SB002A

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.6	186.8
115	57.2	50.1	75.1

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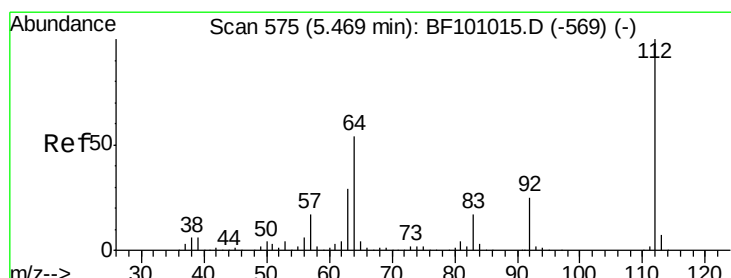
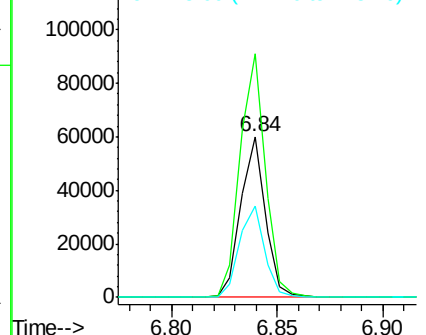
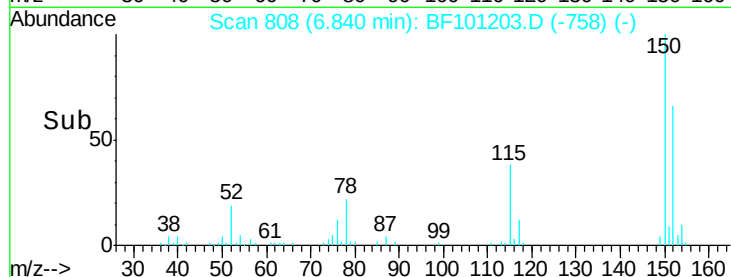


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

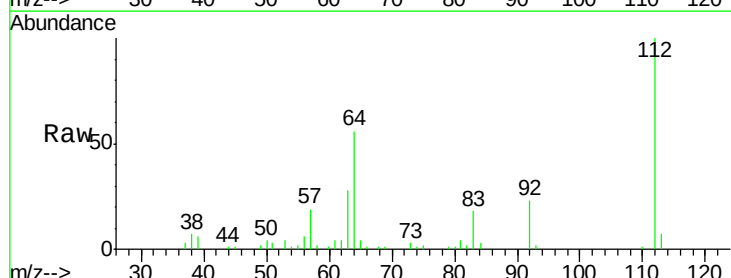
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 17.541 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	27.8	23.7	35.5

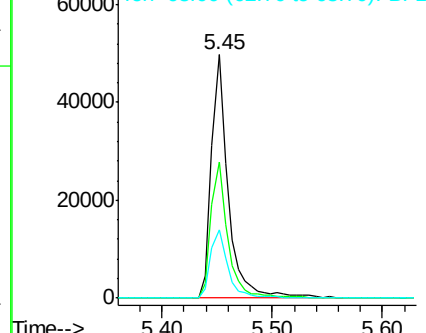
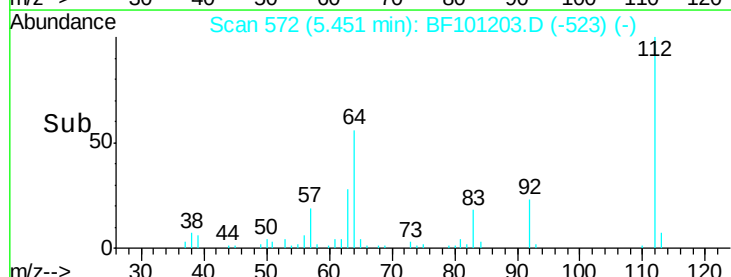


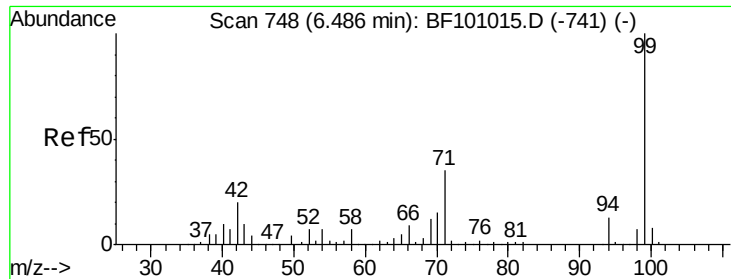
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 16.864 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

Instrument :

BNA_F

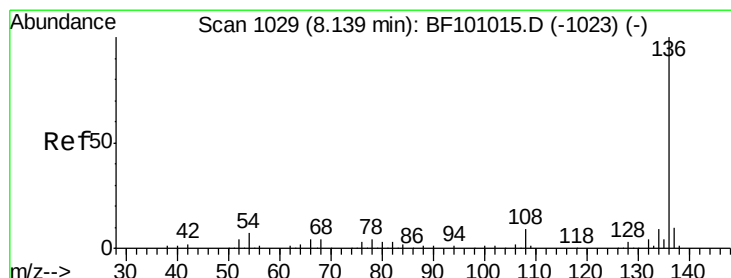
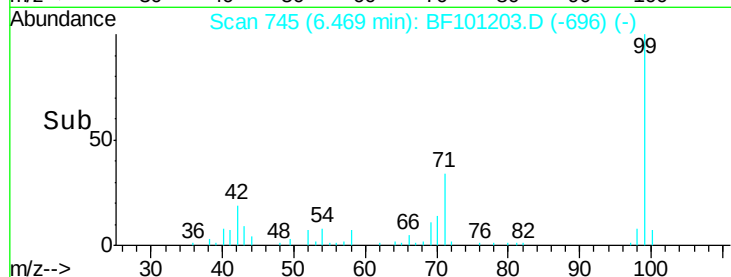
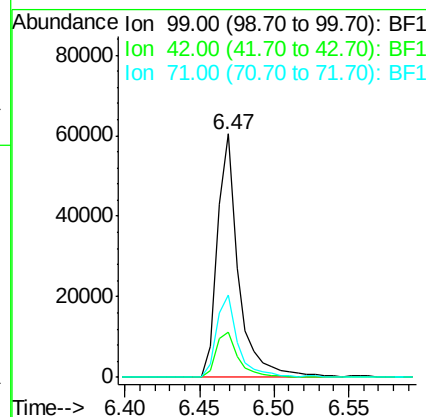
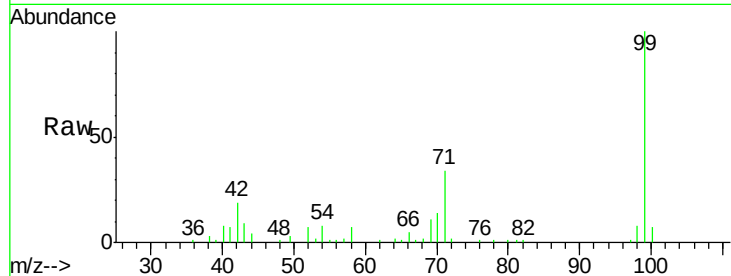
ClientSampled :

SOIL-SB002A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		59606		
42	18.8	14.5	21.7		
71	33.8	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

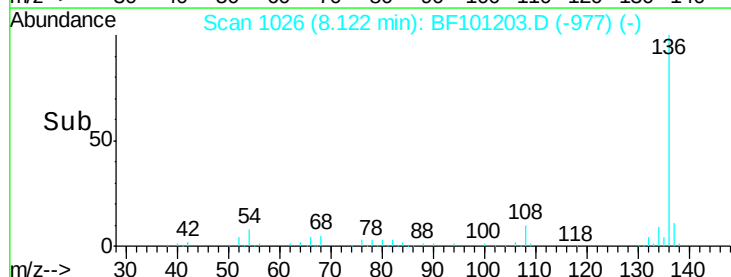
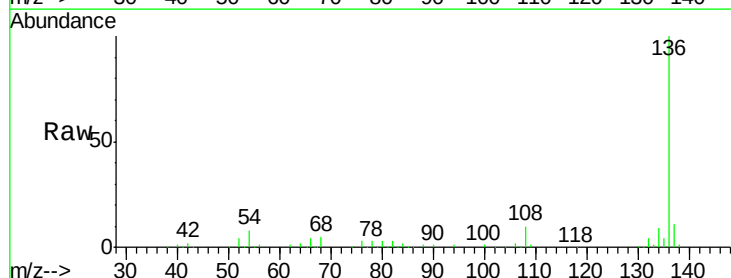
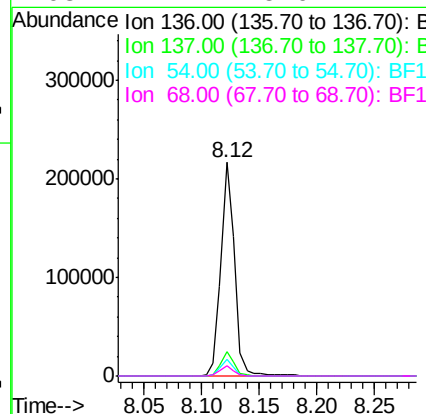
RT: 8.12 min Scan# 1026

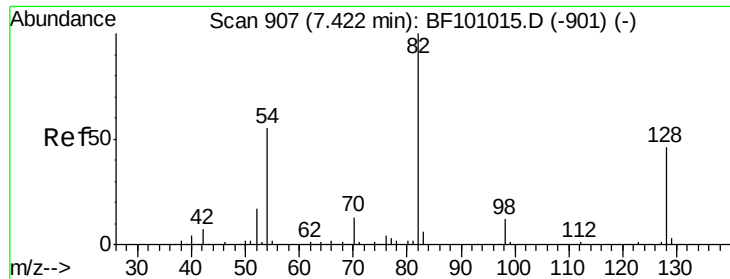
Delta R.T. -0.01 min

Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		177993		
137	11.1	8.9	13.3		
54	7.9	6.6	9.8		
68	4.7	5.0	7.4#		





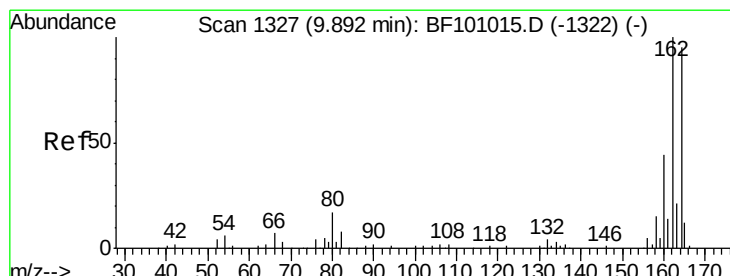
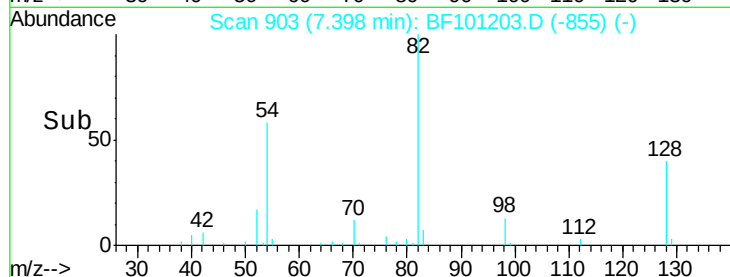
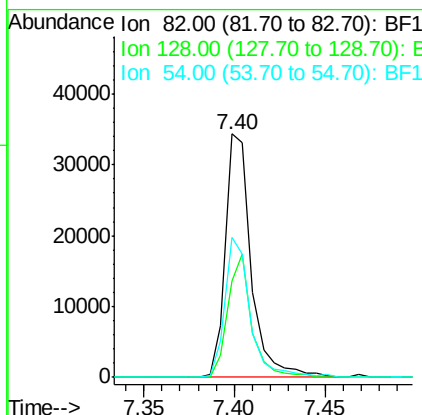
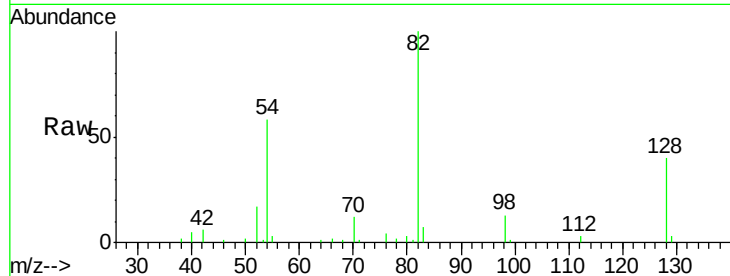
#23
Nitrobenzene-d5
Concen: 11.457 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Instrument :
BNA_F
ClientSampleId :
SOIL-SB002A

Tot Ion	82	Resp	34185
Ion Ratio	100	Lower	Upper
128	39.7	36.1	54.1
54	57.6	41.4	62.2

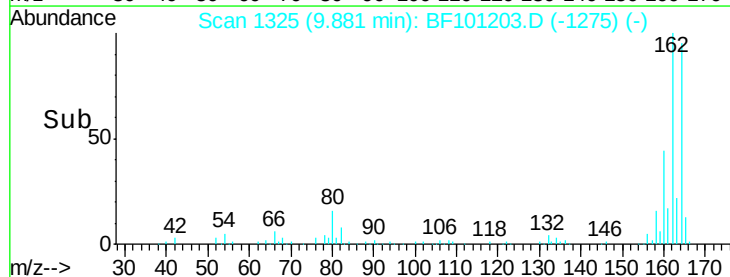
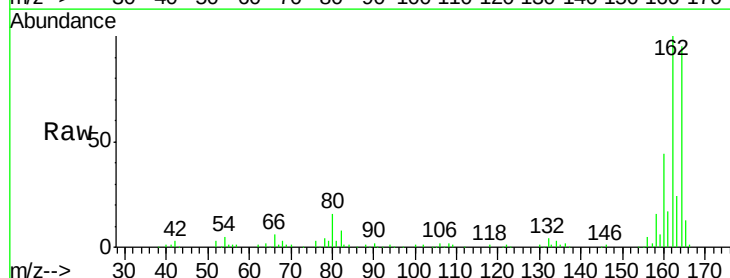
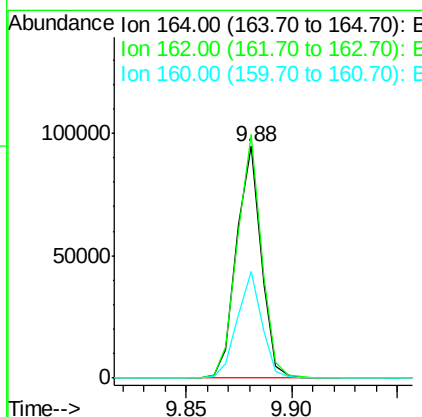
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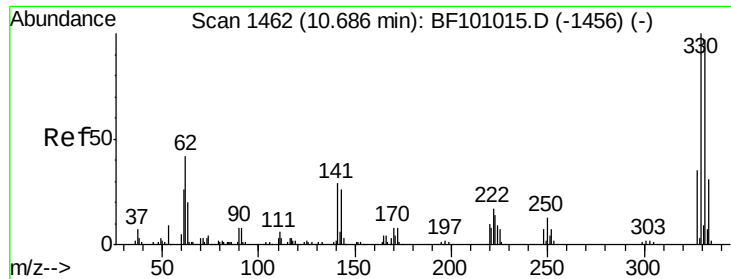
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Tgt Ion	164	Resp	75829
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.0	86.1	129.1
160	45.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 14.508 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

Instrument :

BNA_F

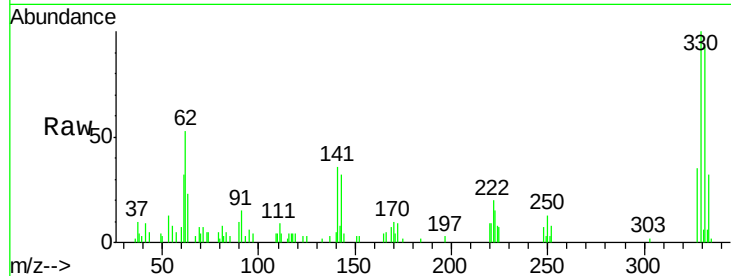
ClientSampleId :

SOIL-SB002A

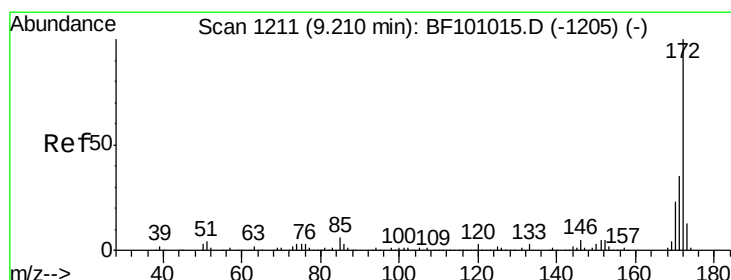
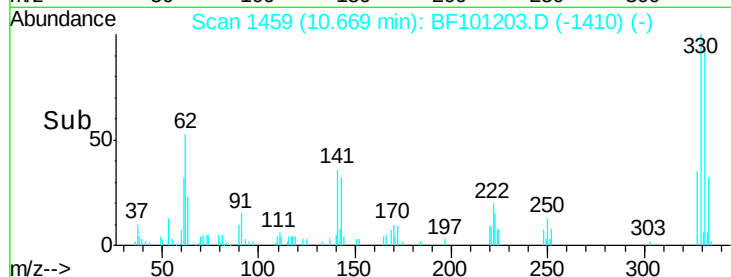
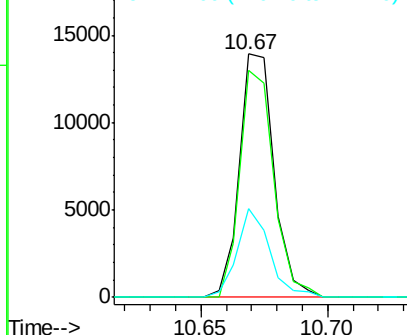
Tot Ion:	330	Resp:	13216
Ion Ratio	Lower	Upper	
330	100		
332	91.7	77.0	115.6
141	34.6	29.9	44.9

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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: 14.365 ng

RT: 9.20 min Scan# 1209

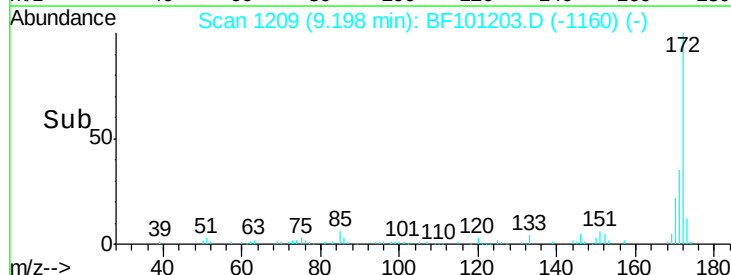
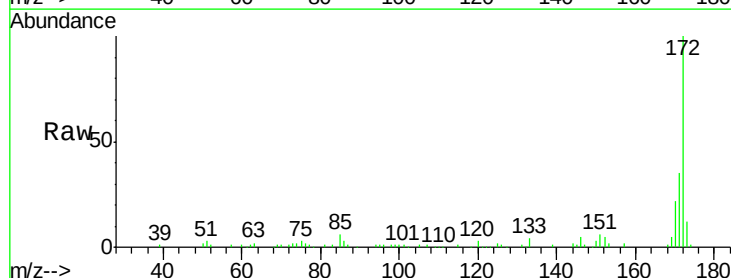
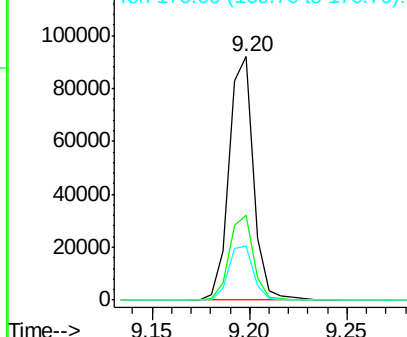
Delta R.T. -0.01 min

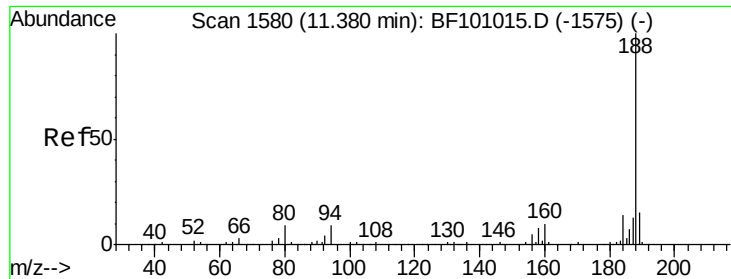
Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

Tgt Ion:	172	Resp:	79612
Ion Ratio	Lower	Upper	
172	100		
171	34.9	29.7	44.5
170	22.4	19.6	29.4

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

Instrument :

BNA_F

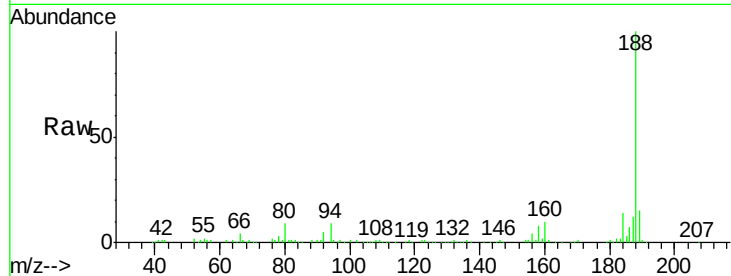
ClientSampleId :

SOIL-SB002A

Tot Ion:188	Resp:	121684
Ion Ratio	Lower	Upper
188 100		
94 9.1	8.5	12.7
80 8.9	9.2	13.8#

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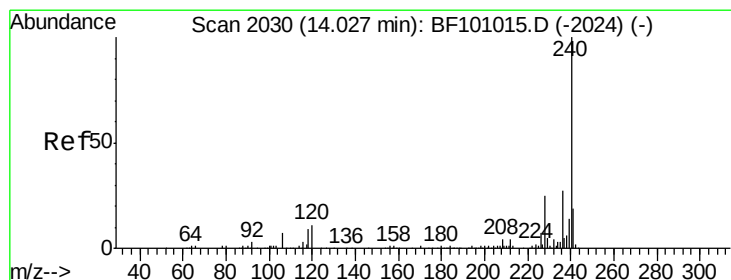
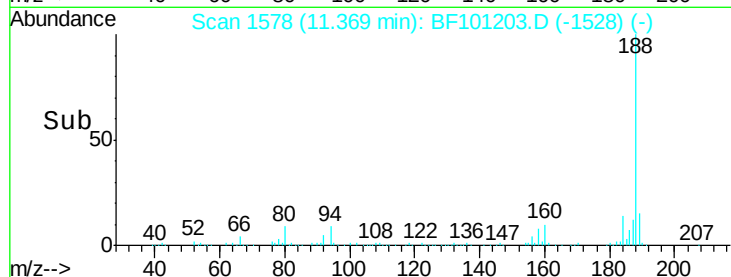
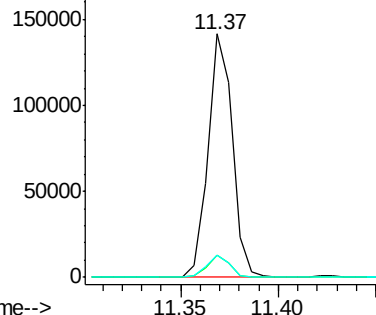
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101203.D

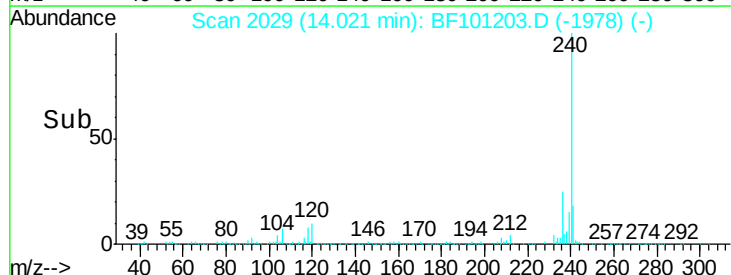
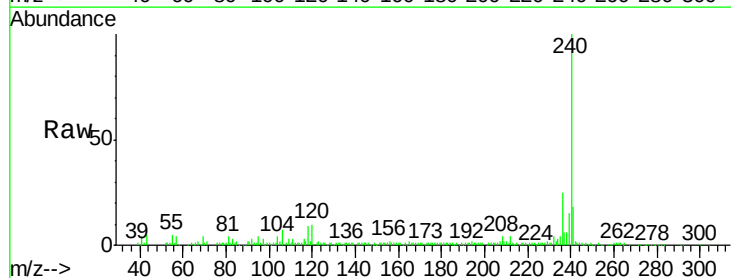
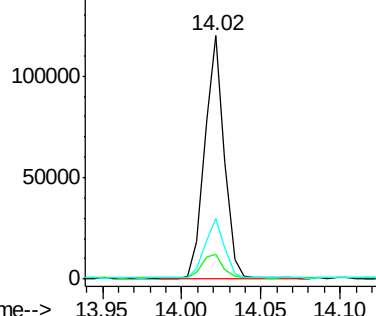
Acq: 7 Dec 2017 14:21

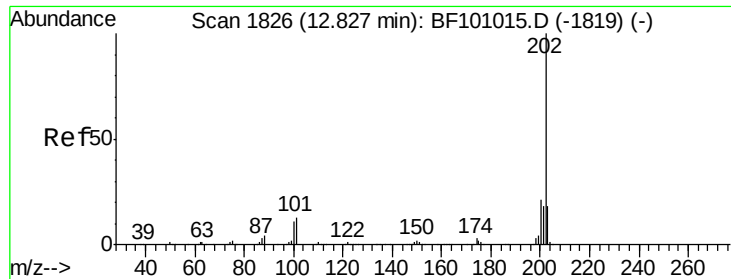
Tgt Ion:240	Resp:	103373
Ion Ratio	Lower	Upper
240 100		
120 10.3	9.5	14.3
236 25.1	20.7	31.1

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





#77

Pvrene

Concen: 3.086 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

Instrument :

BNA_F

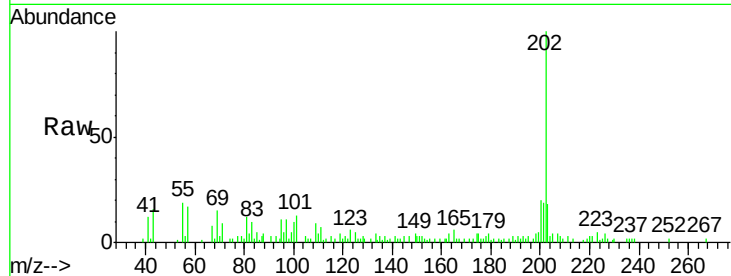
ClientSampleId :

SOIL-SB002A

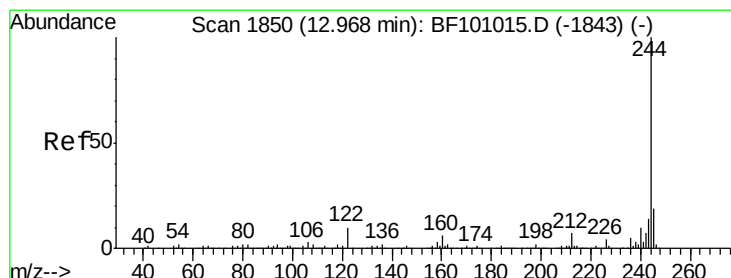
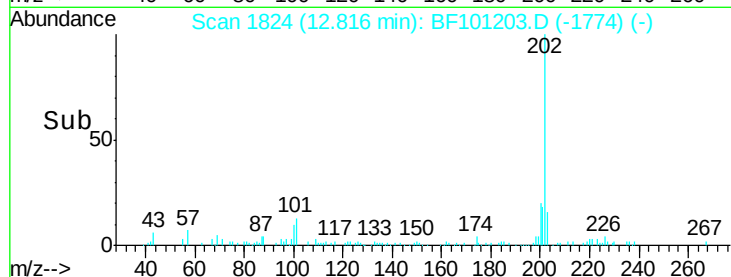
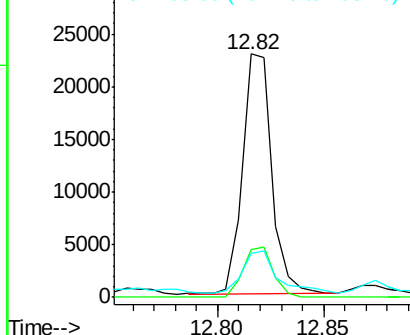
Tot Ion:	202	Resp:	22014
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.4	26.2
203	17.9	14.3	21.5

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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: 13.291 ng

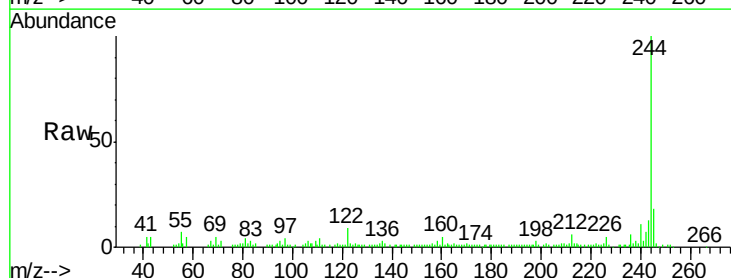
RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

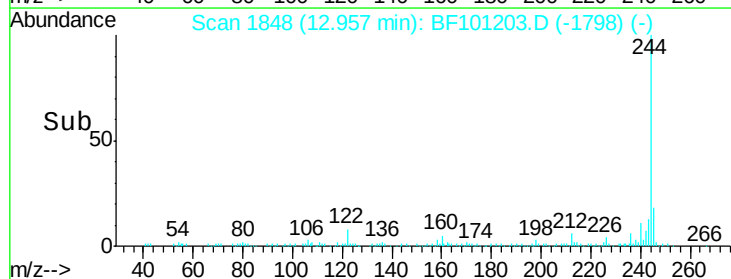
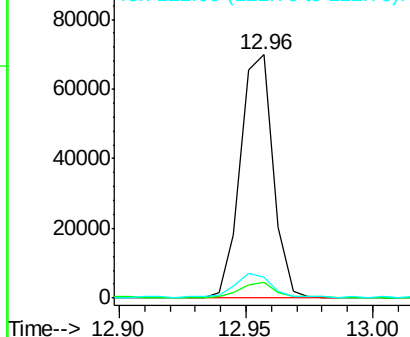
Lab File: BF101203.D

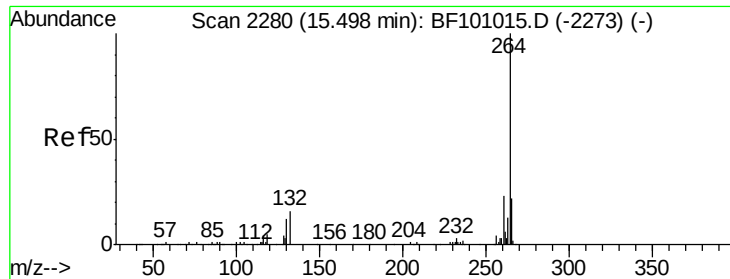
Acq: 7 Dec 2017 14:21

Tgt Ion:	244	Resp:	62817
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	8.8	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





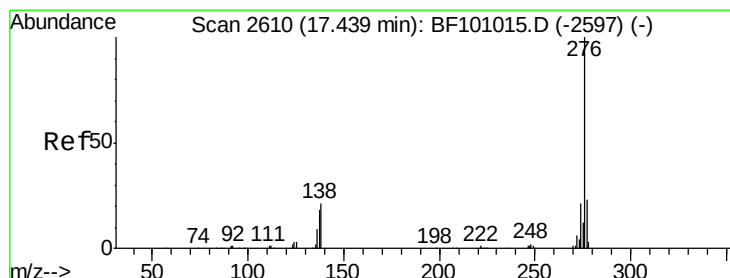
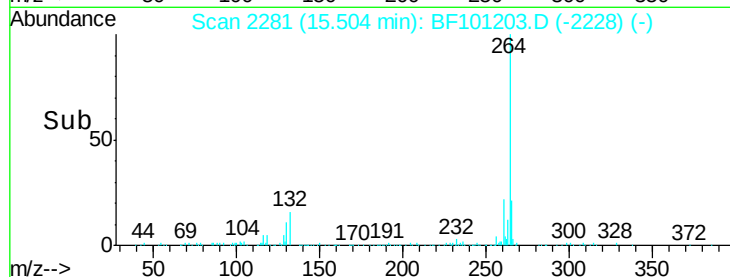
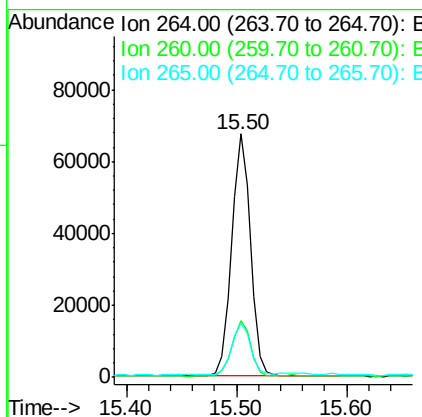
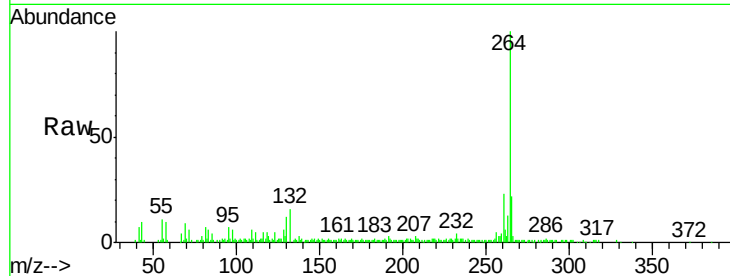
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Instrument :
BNA_F
ClientSampleId :
SOIL-SB002A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.2	17.5	26.3

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#91
Benzo(g,h,i)perylene
Concen: 3.104 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.02 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	45.0	21.8	32.8#

