

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101202.D
 Acq On : 7 Dec 2017 13:54
 Operator : SJ/JU
 Sample : I6765-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SB001A

Manual Integrations
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 12/8/2017 11:12:03 AM

Quant Time: Dec 07 16:51:58 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	46508	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	179660	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	79579	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	130335	20.00	ng	0.00
75) Chrysene-d12	14.02	240	101169	20.00	ng	0.00
86) Perylene-d12	15.50	264	90272	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	56443	20.05	ng	-0.01
7) Phenol-d6	6.47	99	66901	19.58	ng	-0.01
23) Nitrobenzene-d5	7.40	82	40388	13.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	16150	16.89	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	92729	15.94	ng	-0.01
78) Terphenyl-d14	12.95	244	70302	15.20	ng	-0.01
Target Compounds						
74) Fluoranthene	12.59	202	20365	2.560	ng	Qvalue 93
77) Pyrene	12.82	202	17618m	2.524	ng	

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

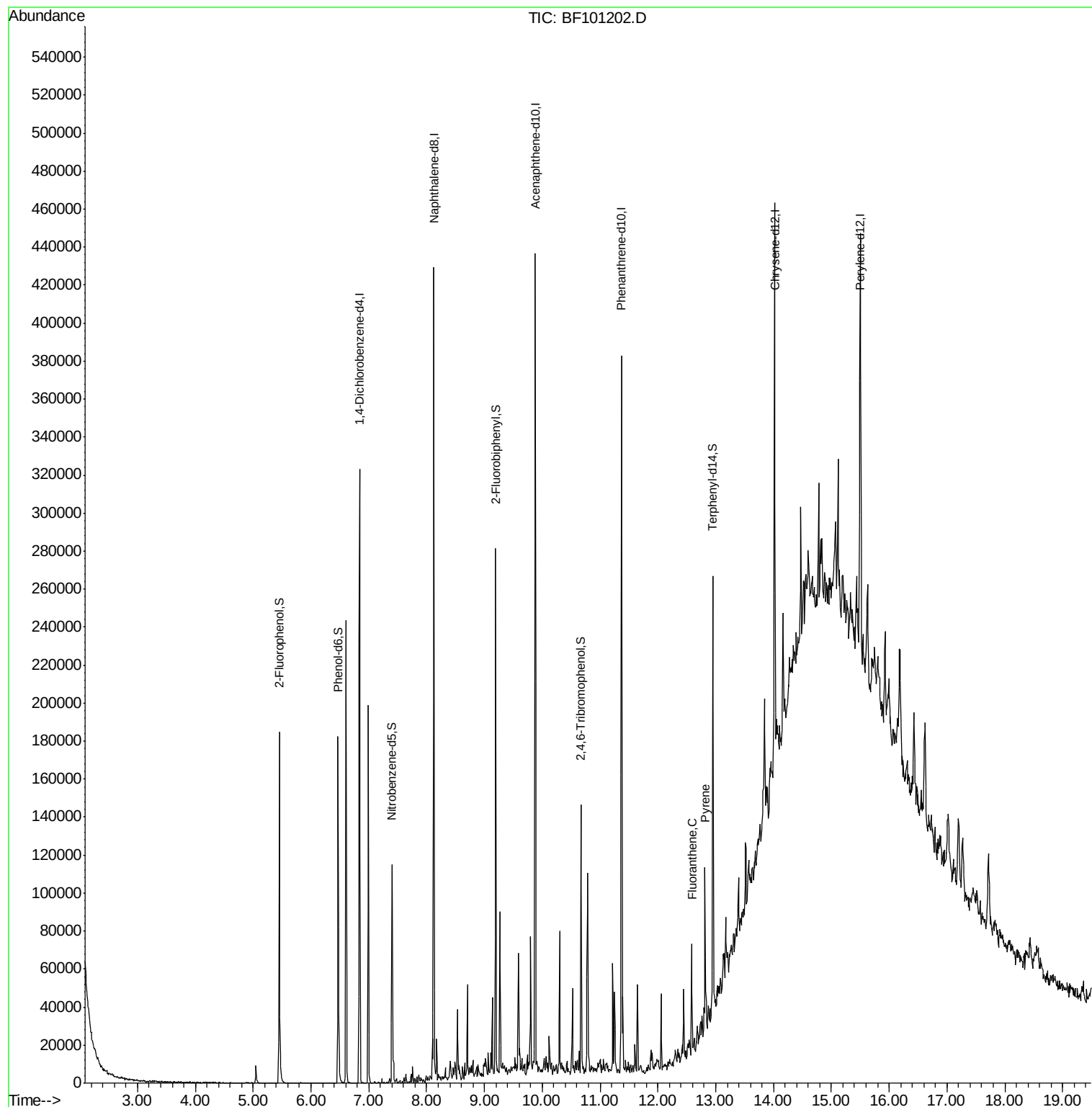
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
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ALS Vial : 6 Sample Multiplier: 1

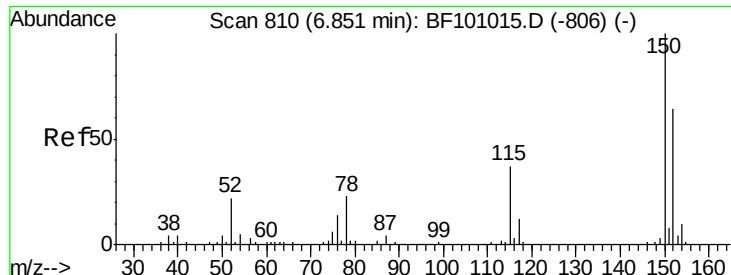
Instrument :
BNA_F
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Quant Time: Dec 07 16:51:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

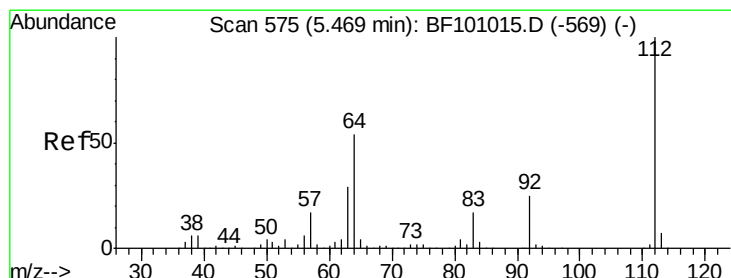
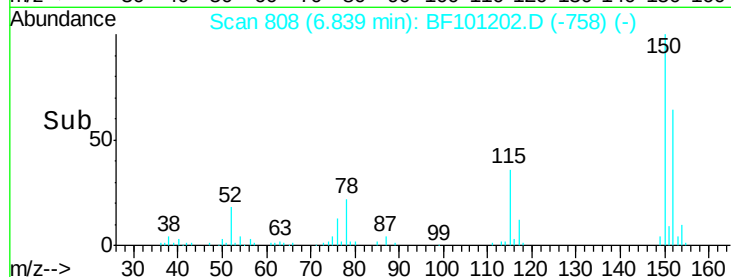
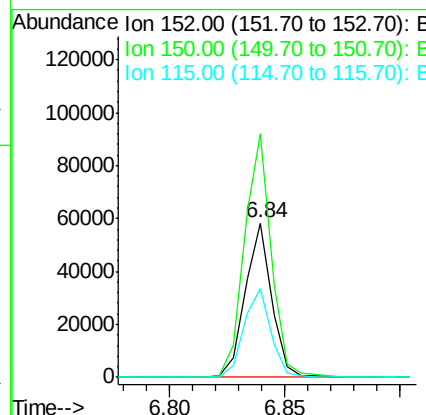
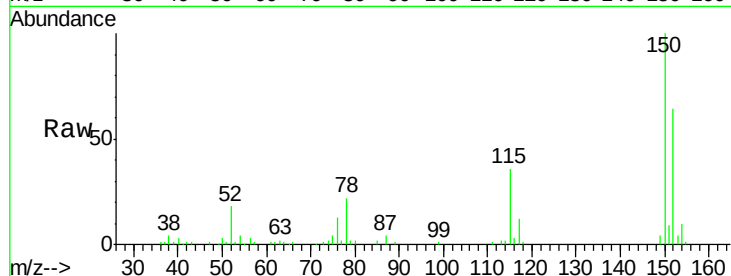
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101202.D
Acq: 7 Dec 2017 13:54

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	57.1	50.1	75.1

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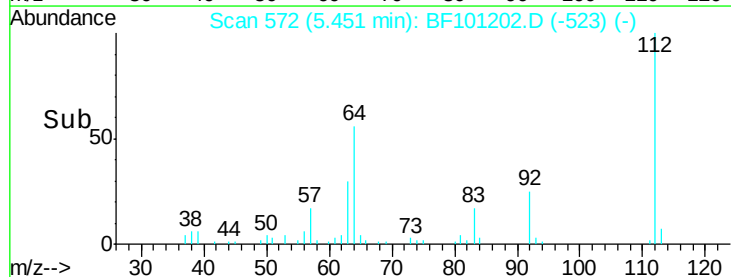
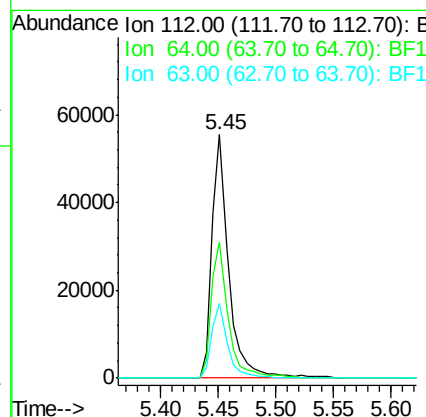
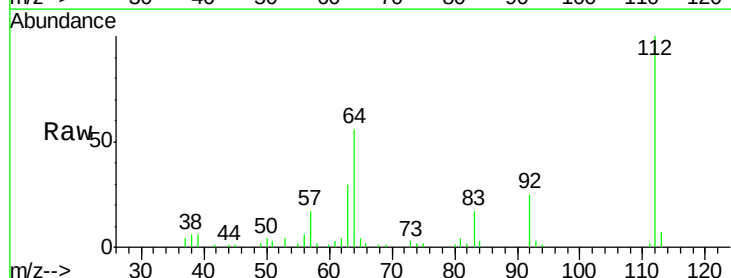
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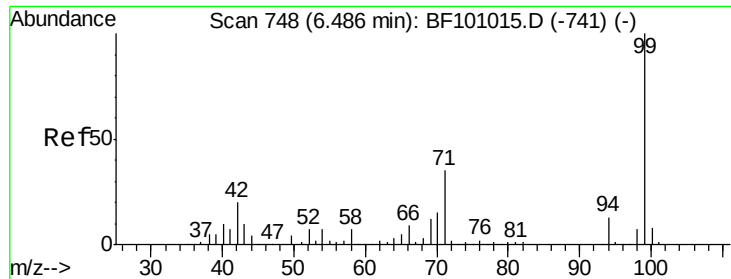


#5

2-Fluorophenol
Concen: 20.054 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF101202.D
Acq: 7 Dec 2017 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 19.578 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

Instrument :

BNA_F

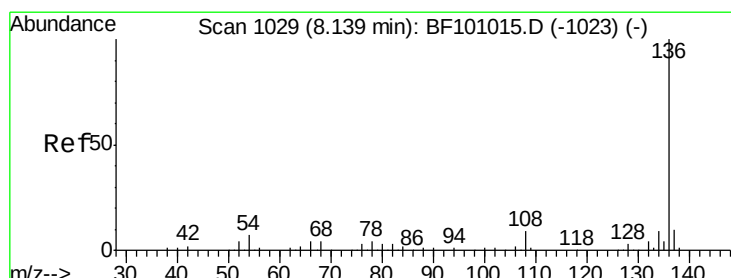
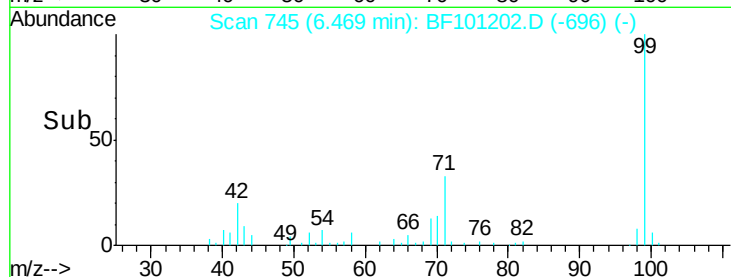
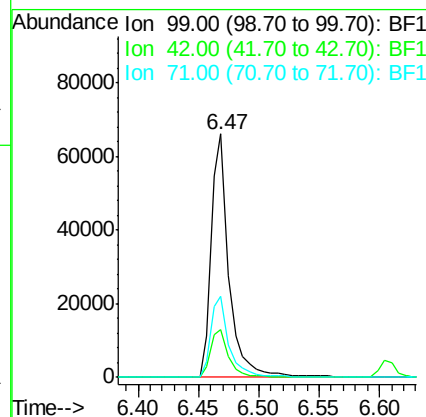
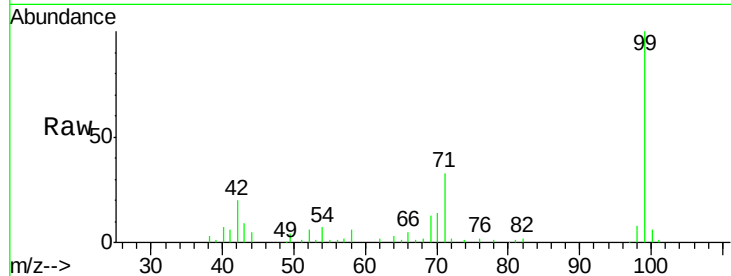
ClientSampled :

SOIL-SB001A

Tot Ion:	99	Resp:	66901
Ion Ratio	Lower	Upper	
99	100		
42	19.7	14.5	21.7
71	33.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

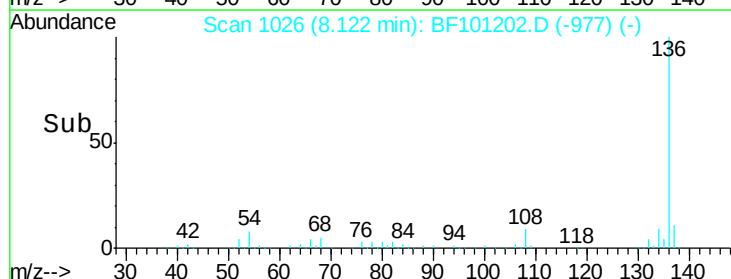
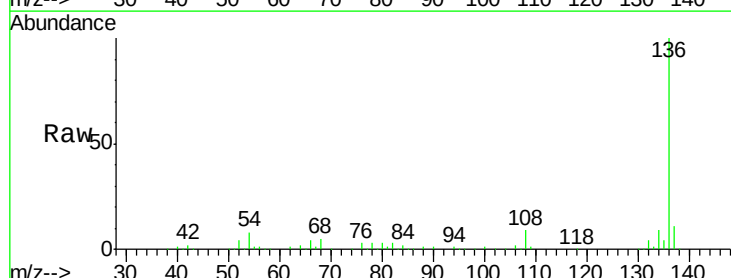
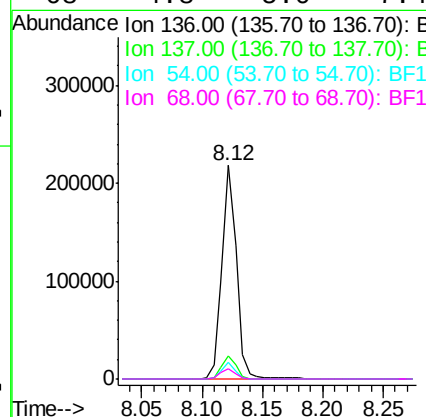
RT: 8.12 min Scan# 1026

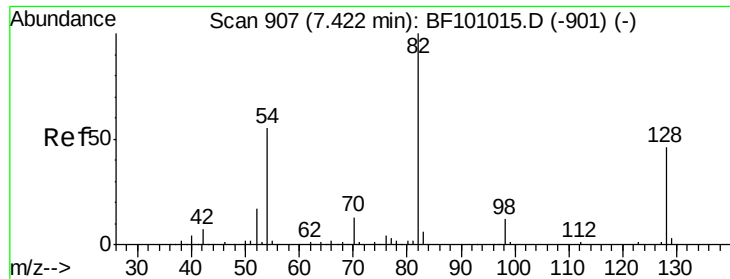
Delta R.T. -0.01 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

Tgt Ion:	136	Resp:	179660
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	4.8	5.0	7.4#





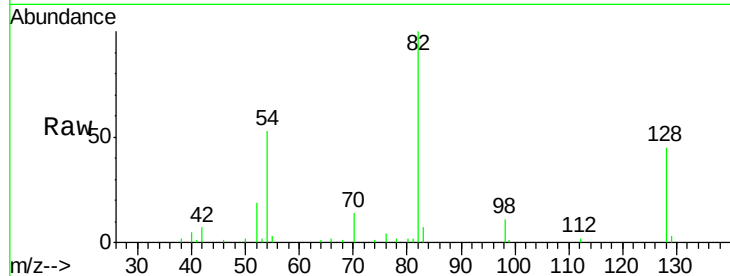
#23
Nitrobenzene-d5
Concen: 13.410 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF101202.D
Acq: 7 Dec 2017 13:54

Instrument :
BNA_F
ClientSampled :
SOIL-SB001A

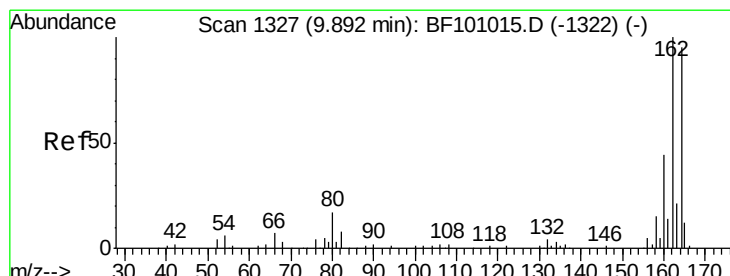
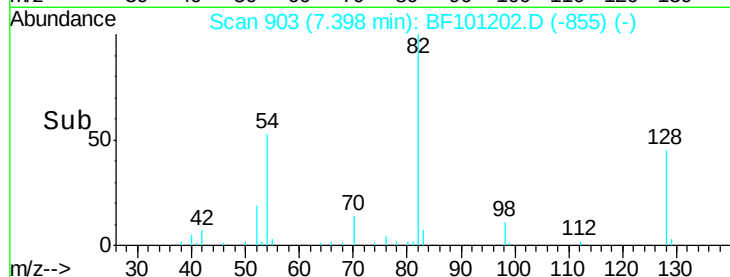
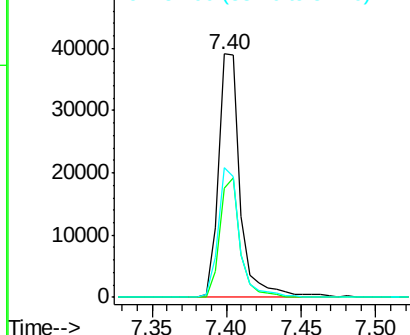
Tot Ion	82	Resp	40388
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	53.3	41.4	62.2

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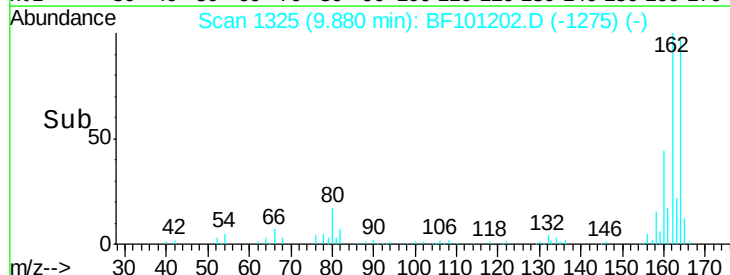
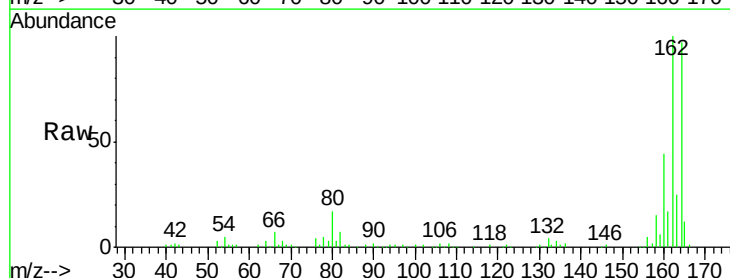
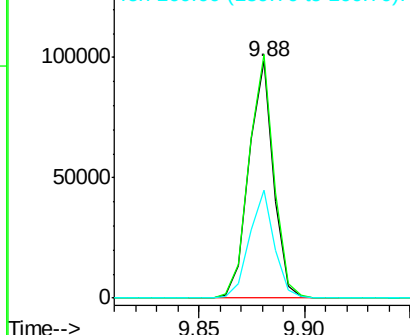
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

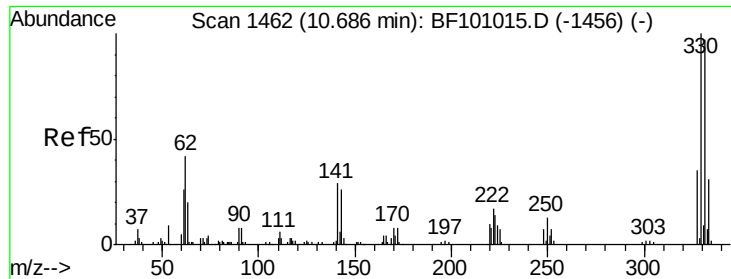


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101202.D
Acq: 7 Dec 2017 13:54

Tgt Ion	164	Resp	79579
Ion Ratio	Lower	Upper	
164	100		
162	102.9	86.1	129.1
160	45.5	38.3	57.5

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: 16.894 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

Instrument :

BNA_F

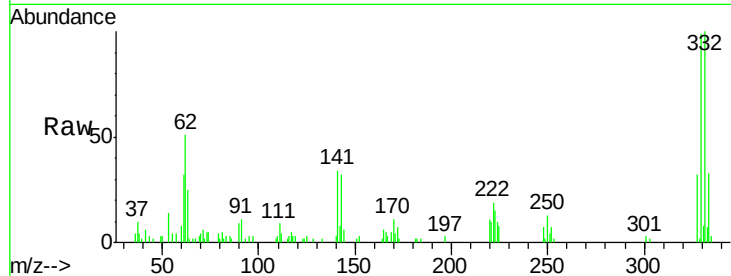
ClientSampleId :

SOIL-SB001A

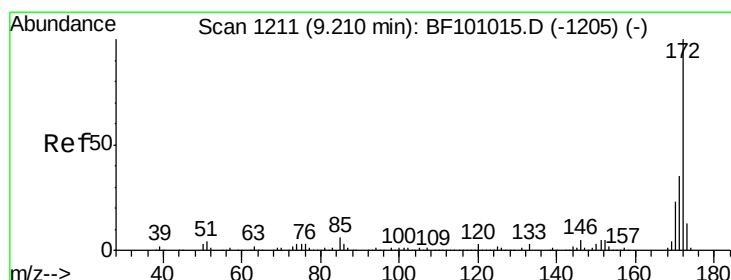
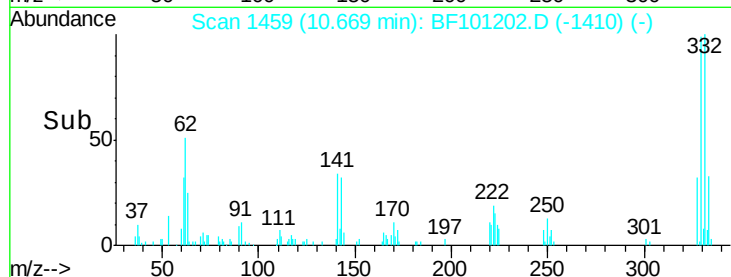
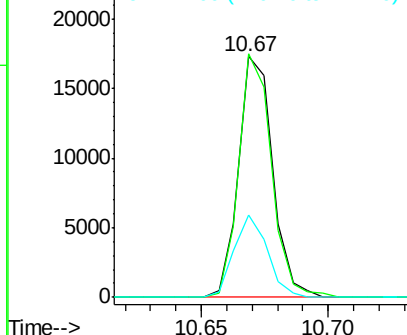
Tot Ion:	330	Resp:	16150
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.0	115.6
141	33.2	29.9	44.9

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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: 15.943 ng

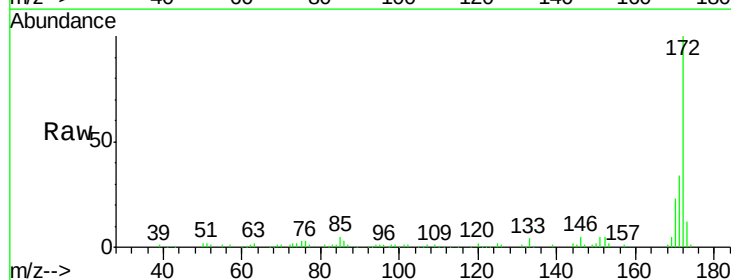
RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

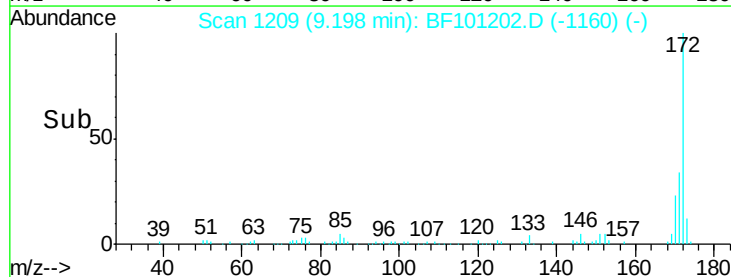
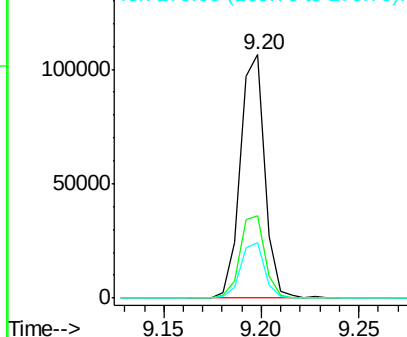
Lab File: BF101202.D

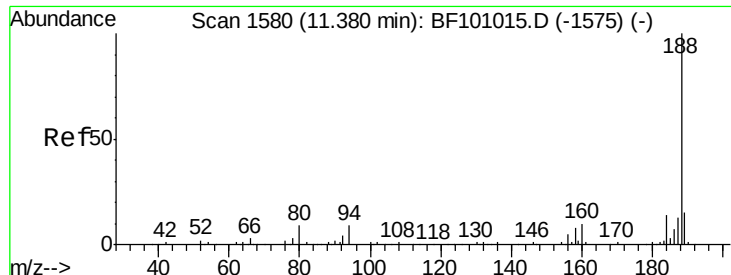
Acq: 7 Dec 2017 13:54

Tgt Ion:	172	Resp:	92729
Ion Ratio	Lower	Upper	
172	100		
171	33.6	29.7	44.5
170	22.8	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





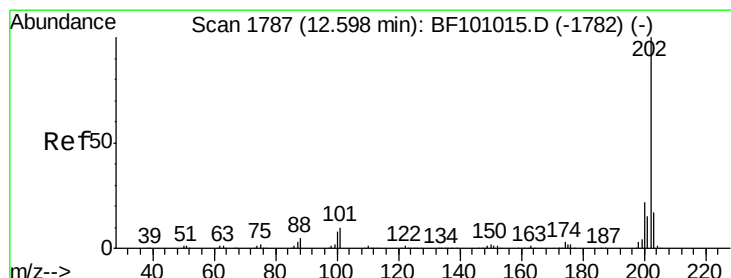
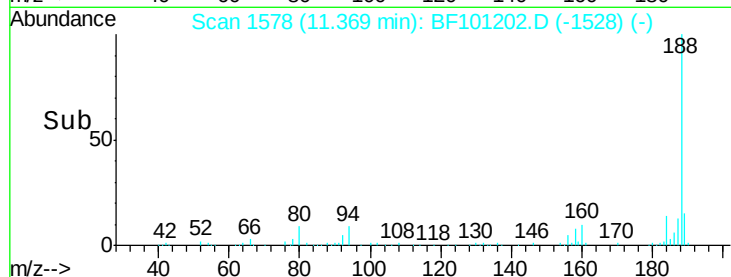
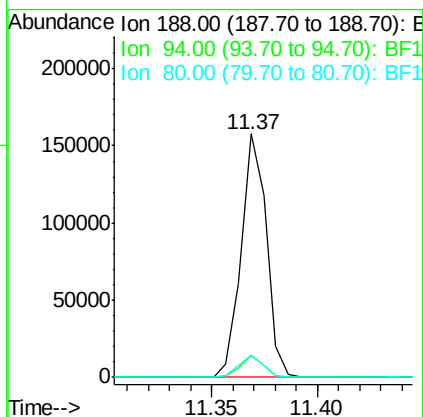
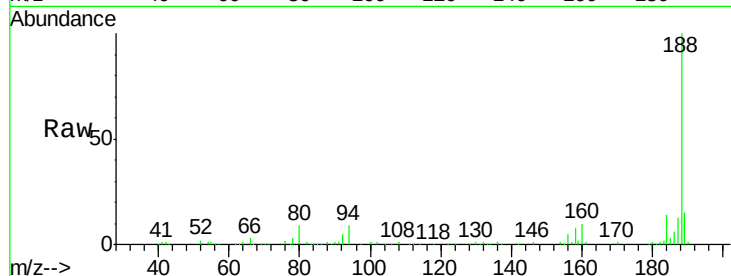
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101202.D
Acq: 7 Dec 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SOIL-SB001A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.2	9.2	13.8

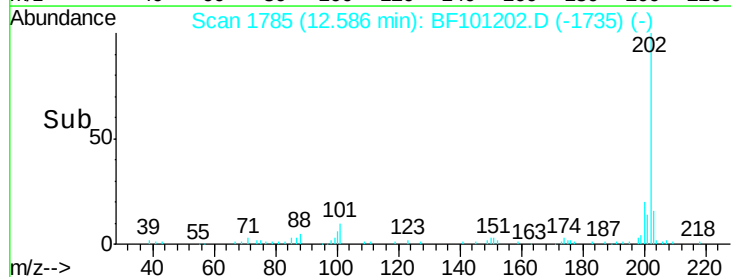
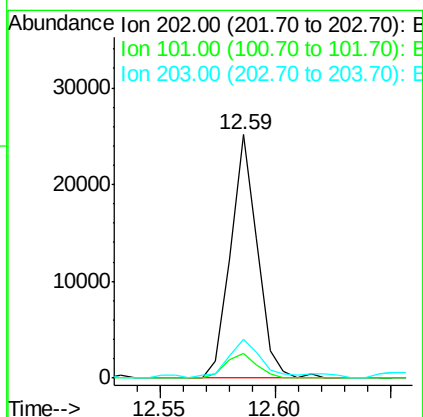
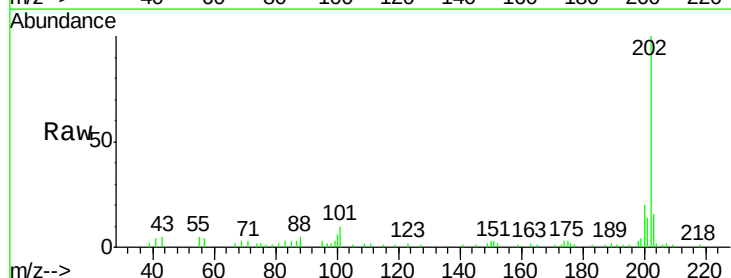
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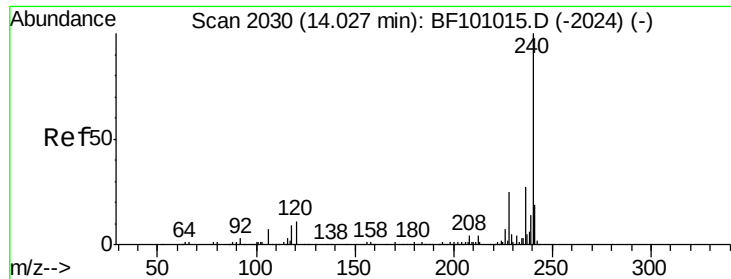
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#74
Fluoranthene
Concen: 2.560 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101202.D
Acq: 7 Dec 2017 13:54

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	34.1
203	15.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

Instrument :

BNA_F

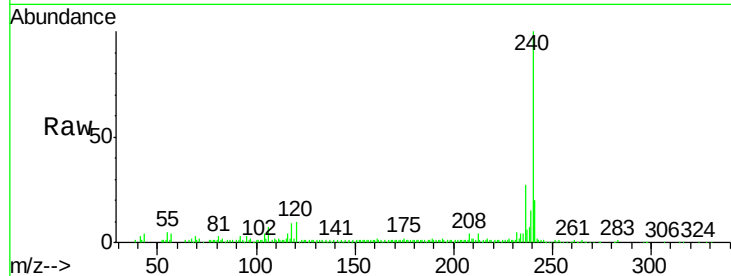
ClientSampleId :

SOIL-SB001A

Tot Ion:	240	Resp:	101169
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	26.6	20.7	31.1

Manual Integrations
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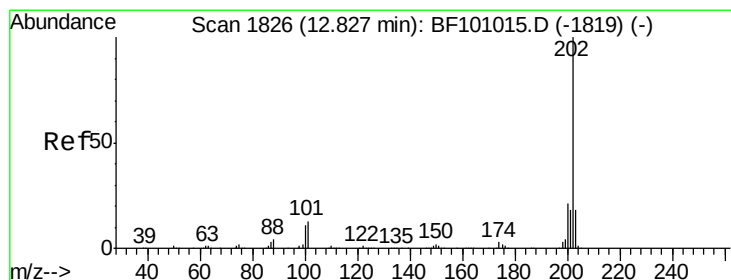
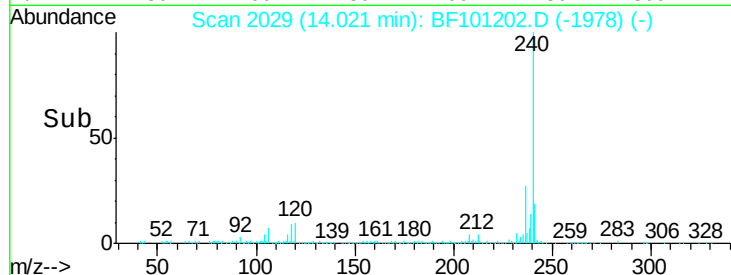
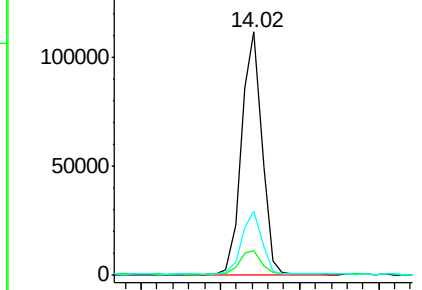
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.524 ng m

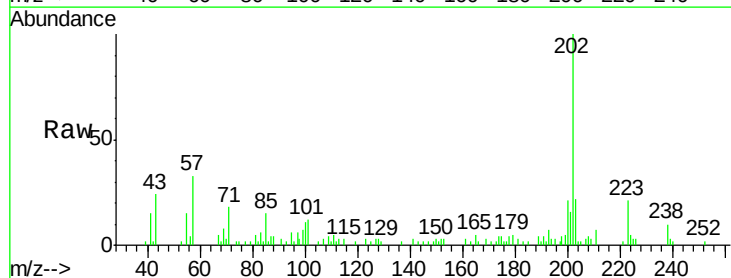
RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

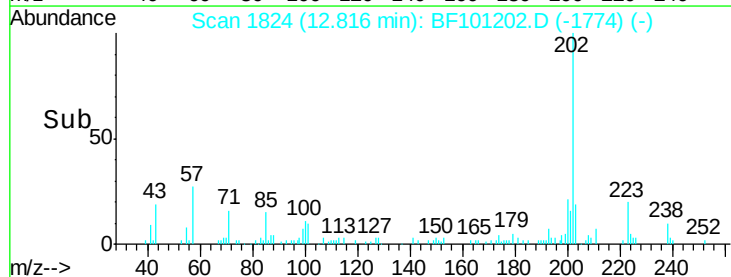
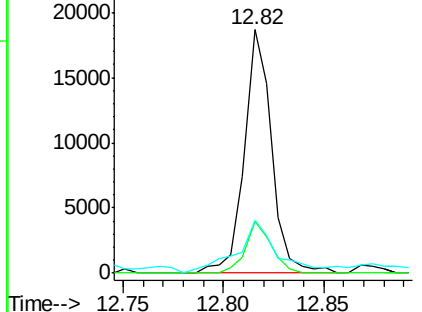
Tgt Ion:	202	Resp:	17618
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	21.7	14.3	21.5#

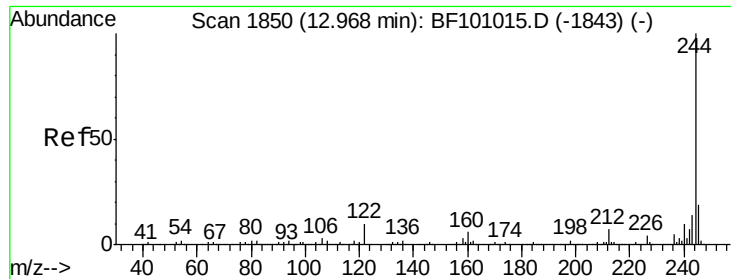


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





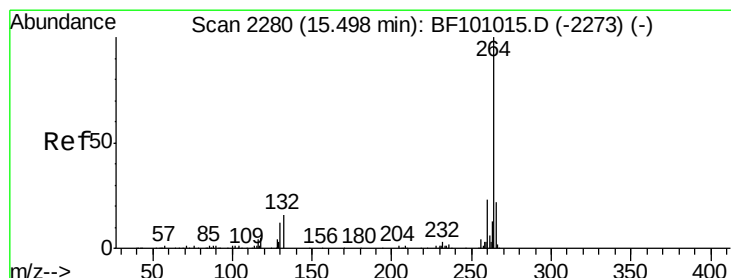
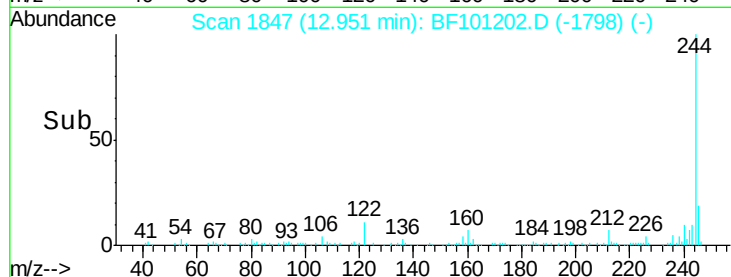
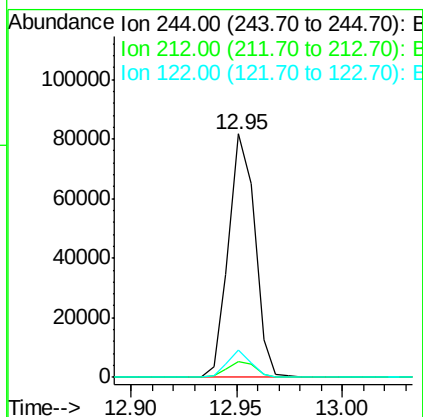
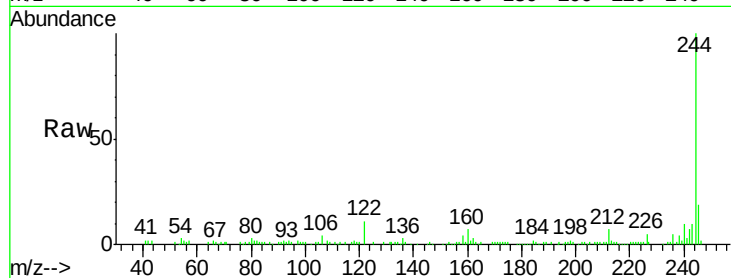
#78
 Terphenyl-d14
 Concen: 15.199 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

Instrument :
 BNA_F
 ClientSampleID :
 SOIL-SB001A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.4	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3

