

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101205.D
 Acq On : 7 Dec 2017 15:15
 Operator : SJ/JU
 Sample : I6765-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SB004A

Quant Time: Dec 07 17:00:43 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

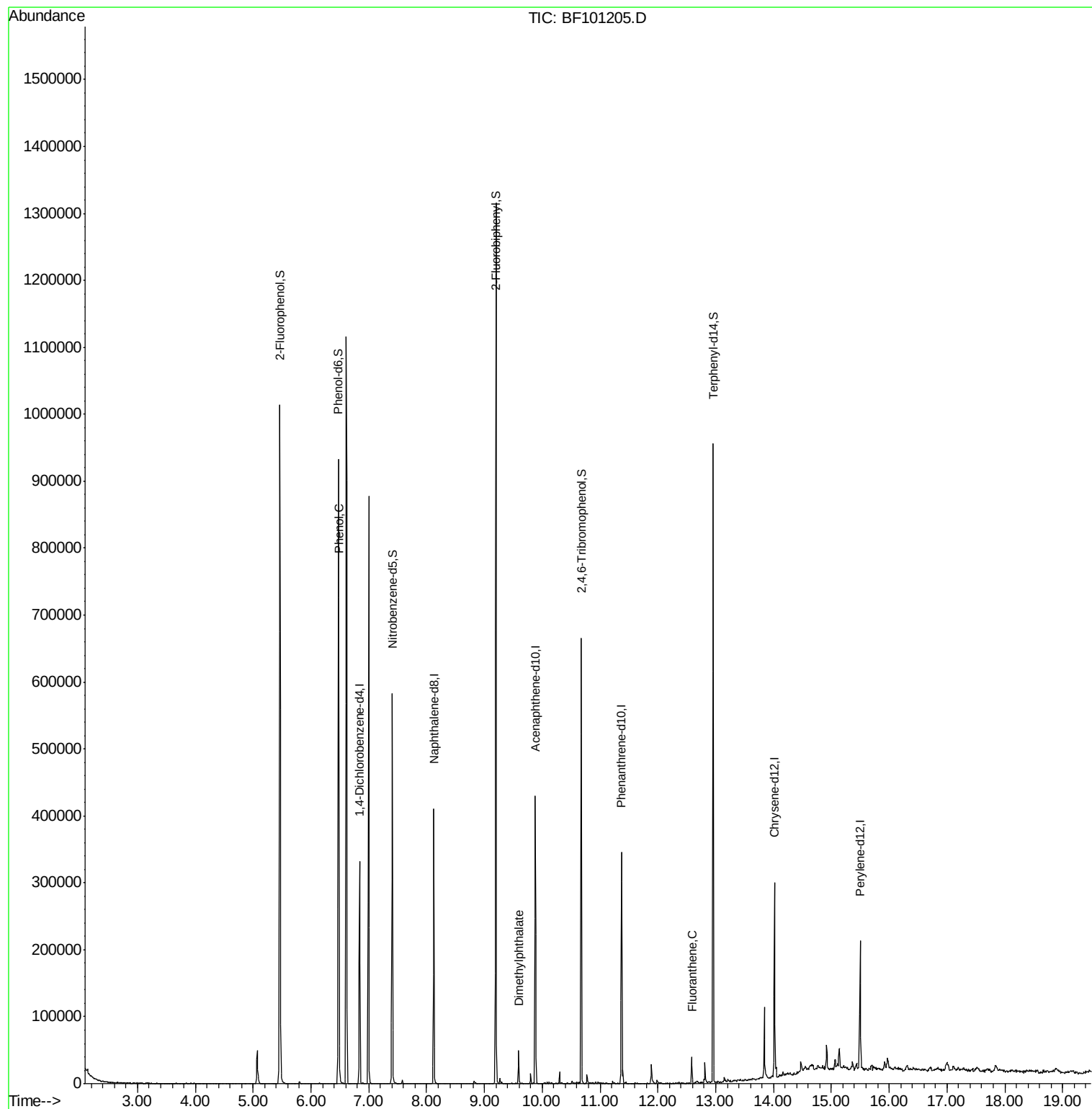
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	46955	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	178002	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	78351	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	129035	20.00	ng	0.00
75) Chrysene-d12	14.02	240	102316	20.00	ng	0.00
86) Perylene-d12	15.50	264	88891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	275700	97.02	ng	0.00
7) Phenol-d6	6.47	99	332613	96.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	201884	67.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	79586	84.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	397320	69.38	ng	-0.01
78) Terphenyl-d14	12.96	244	296101	63.30	ng	0.00
Target Compounds						
10) Phenol	6.49	94	15520	4.046	ng	91
49) Dimethylphthalate	9.59	163	18675	2.955	ng	99
74) Fluoranthene	12.59	202	16601	2.108	ng	94

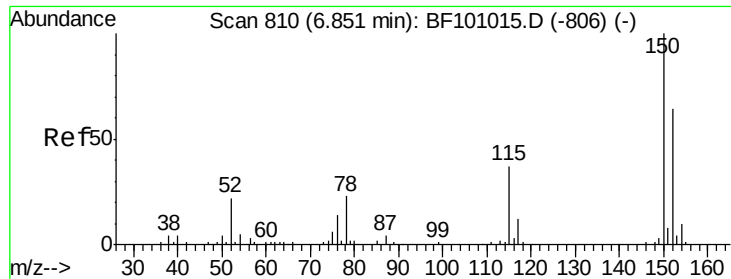
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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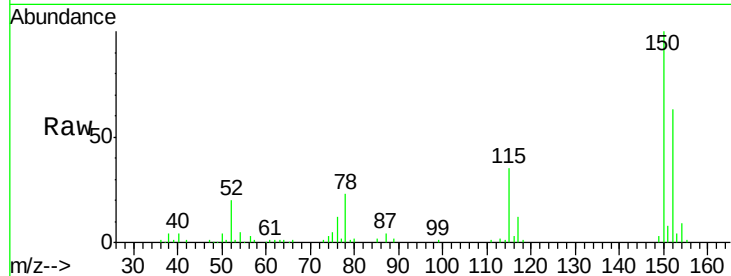


#1

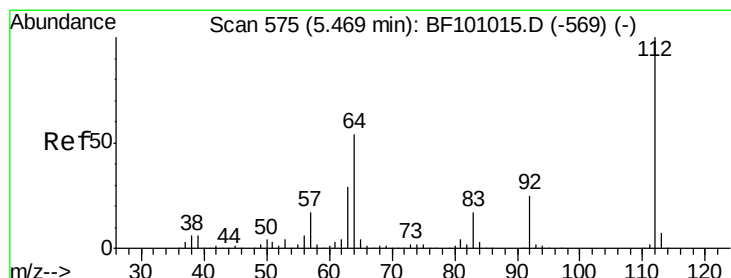
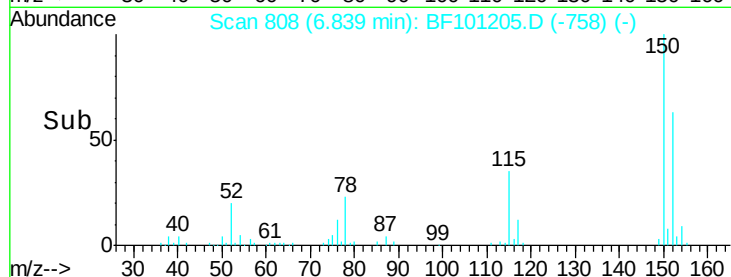
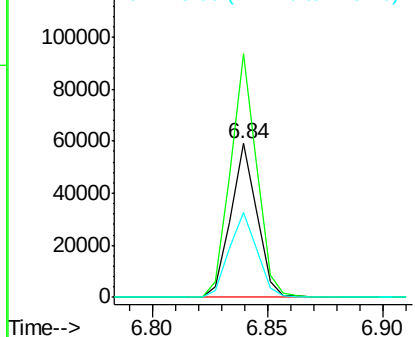
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Instrument :
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ClientSampleId :
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Tot Ion:152 Resp: 46955
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 55.6 50.1 75.1



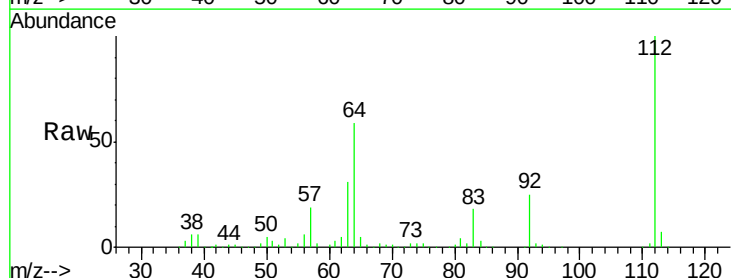
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



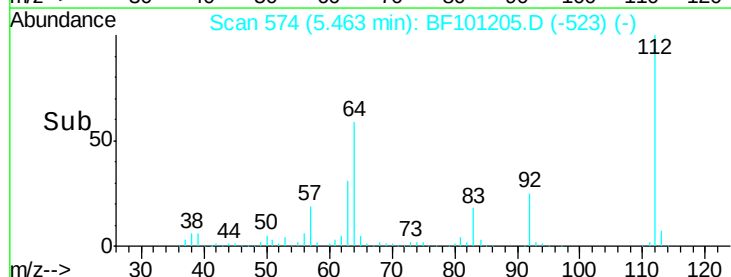
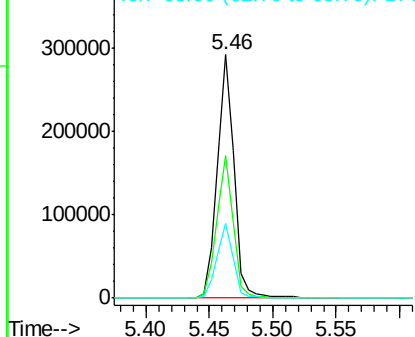
#5

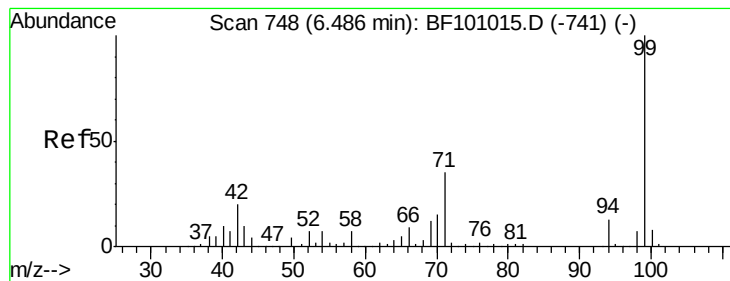
2-Fluorophenol
Concen: 97.025 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Tgt Ion:112 Resp: 275700
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 30.7 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: 96.412 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101205.D

Acq: 7 Dec 2017 15:15

Instrument :

BNA_F

ClientSampleId :

SOIL-SB004A

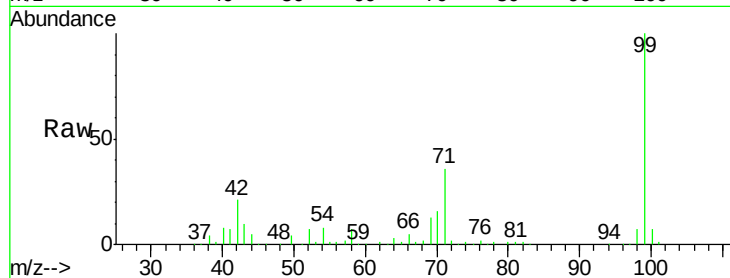
Tot Ion: 99 Resp: 332613

Ion Ratio Lower Upper

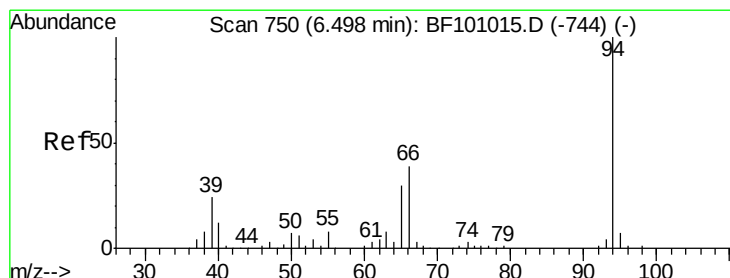
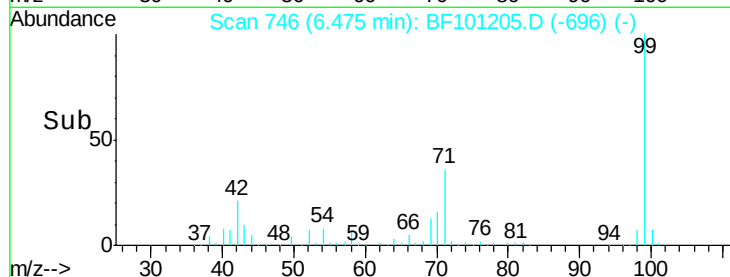
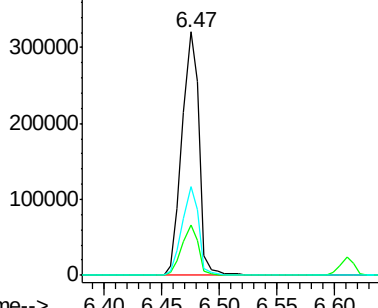
99 100

42 20.8 14.5 21.7

71 36.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.046 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF101205.D

Acq: 7 Dec 2017 15:15

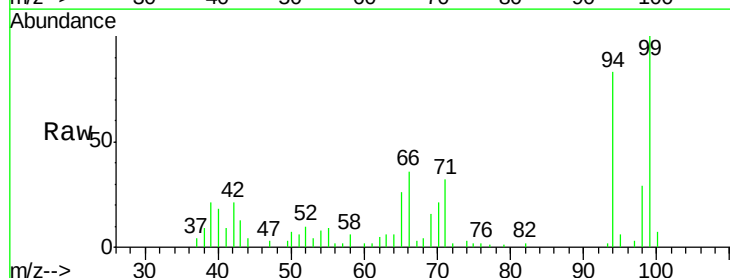
Tgt Ion: 94 Resp: 15520

Ion Ratio Lower Upper

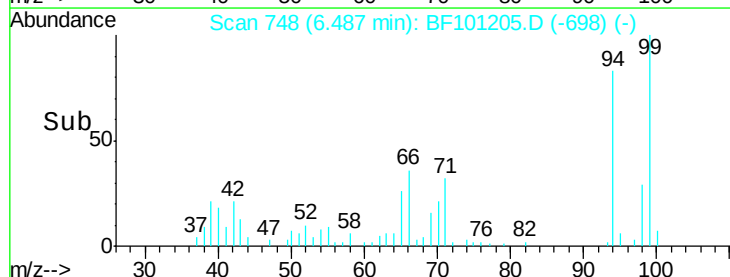
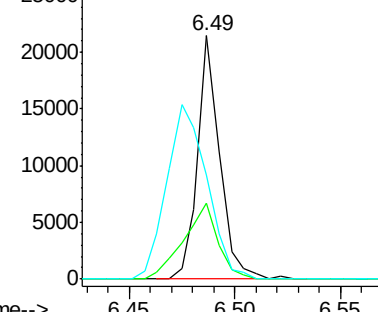
94 100

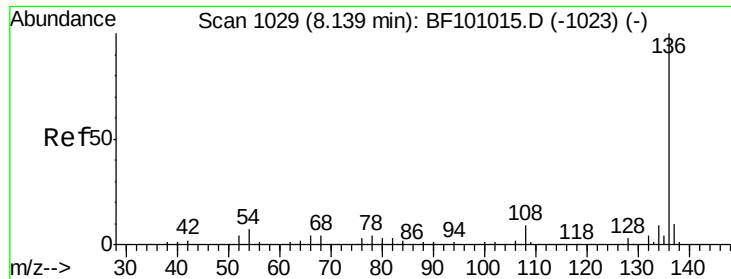
65 31.1 7.9 47.9

66 42.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

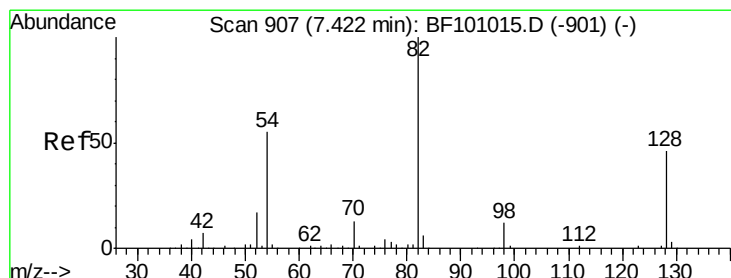
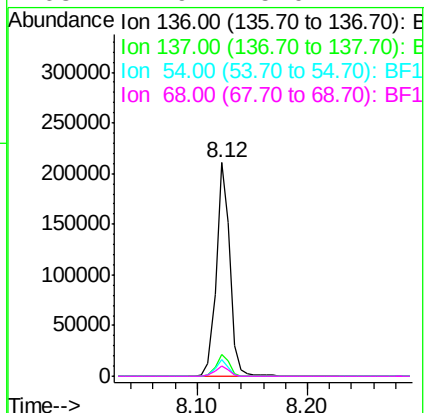
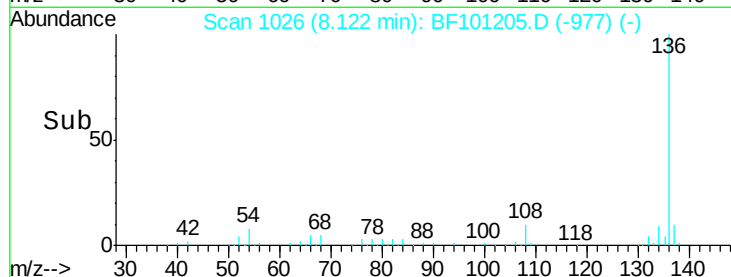
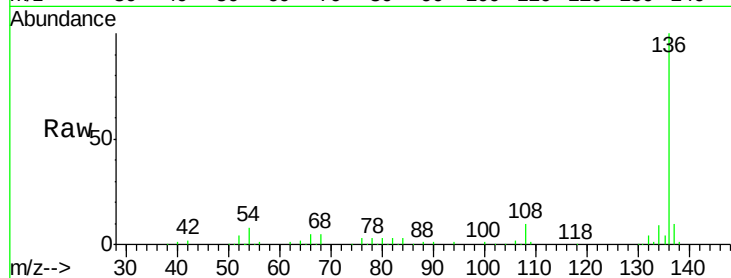




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

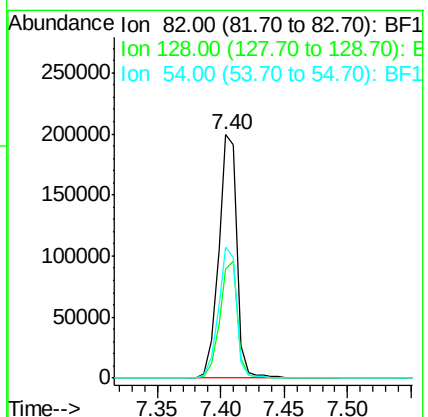
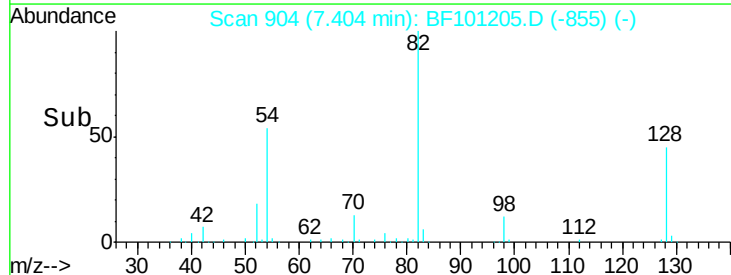
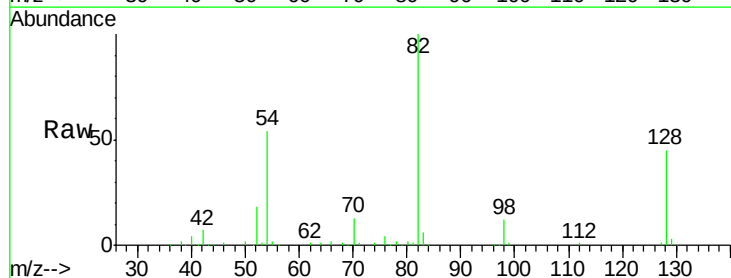
Instrument :
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ClientSampleId :
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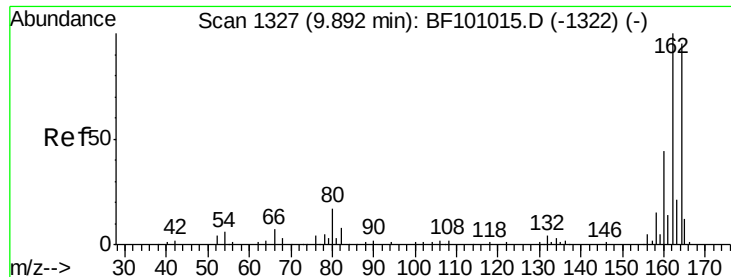
Tot Ion:136 Resp: 178002
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 7.7 6.6 9.8
68 4.9 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 67.657 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Tgt Ion: 82 Resp: 201884
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 53.9 41.4 62.2

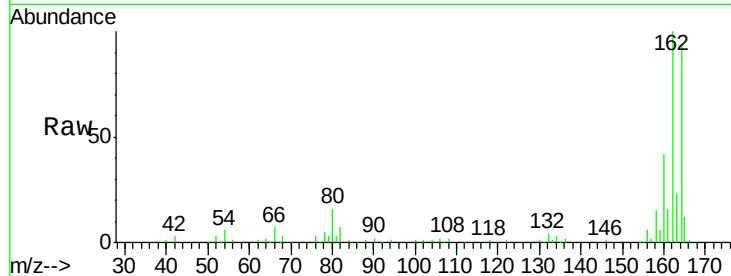




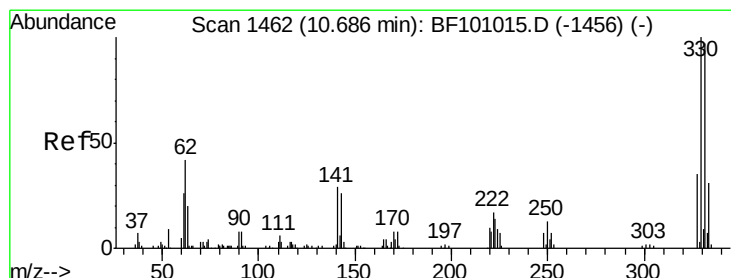
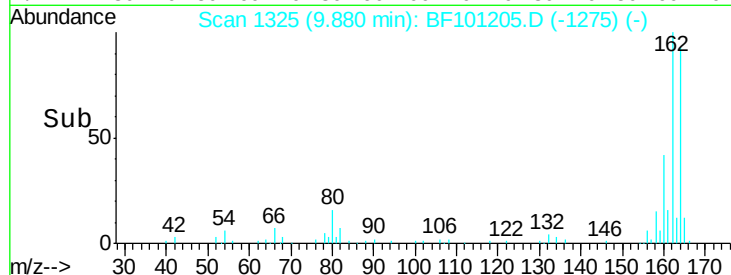
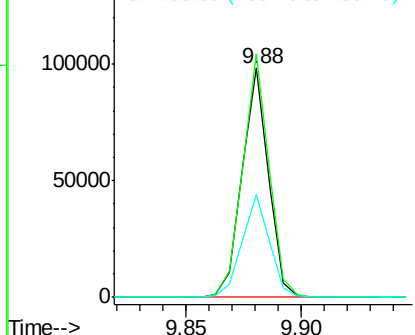
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SOIL-SB004A

Tot Ion:164 Resp: 78351
Ion Ratio Lower Upper
164 100
162 106.4 86.1 129.1
160 44.6 38.3 57.5

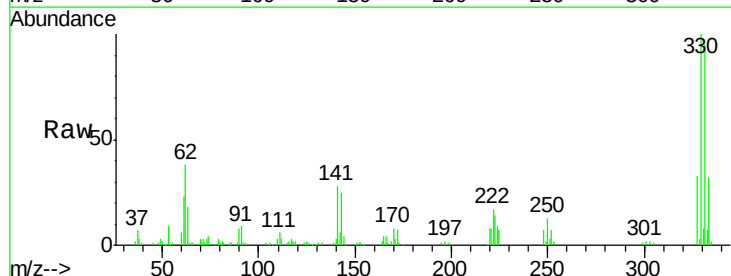


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

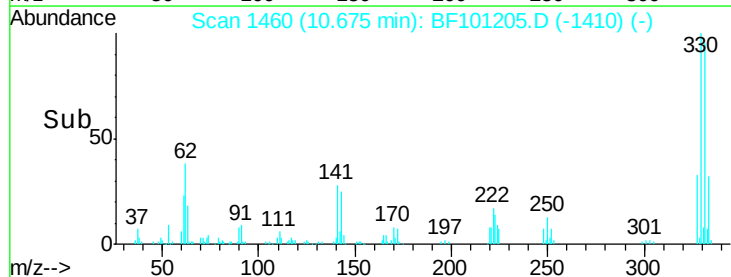
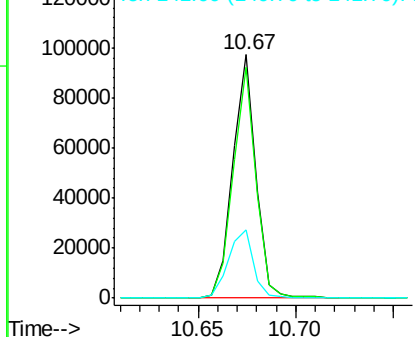


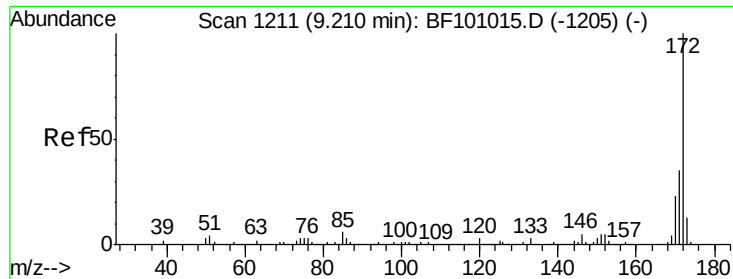
#41
2,4,6-Tribromophenol
Concen: 84.556 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Tgt Ion:330 Resp: 79586
Ion Ratio Lower Upper
330 100
332 94.1 77.0 115.6
141 30.4 29.9 44.9



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

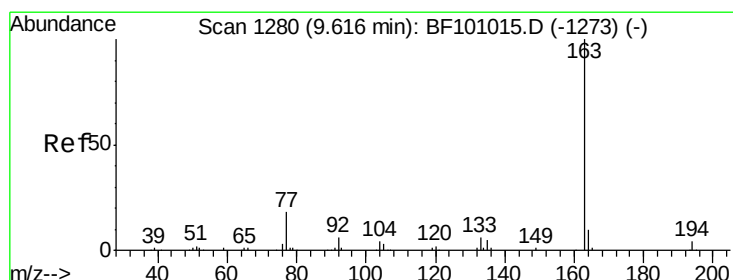
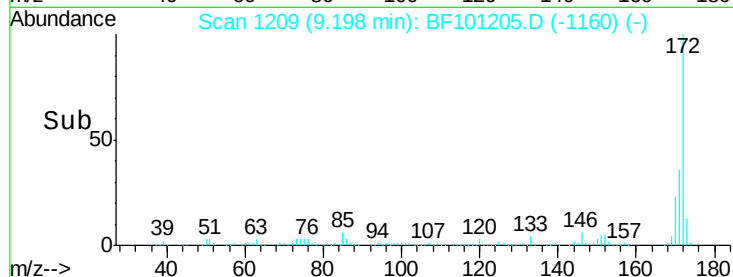
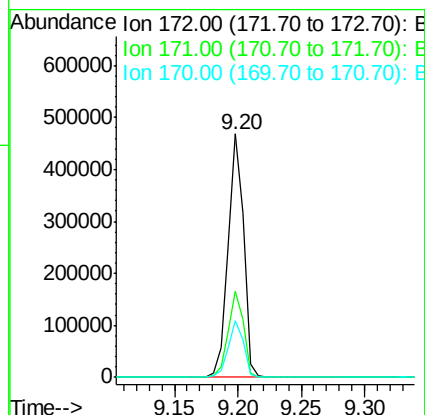
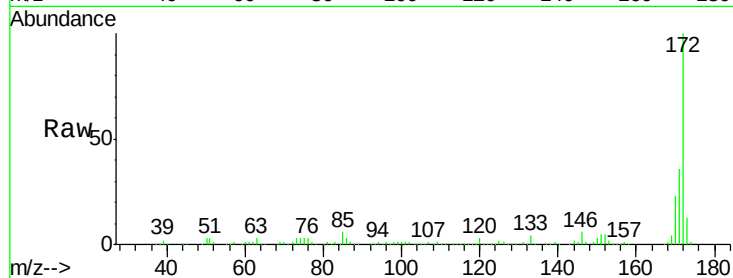




#44
2-Fluorobiphenyl
Concen: 69.382 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

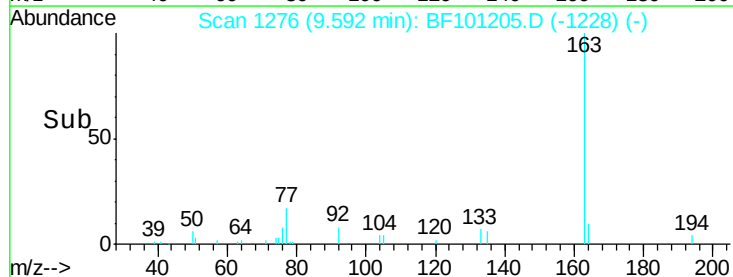
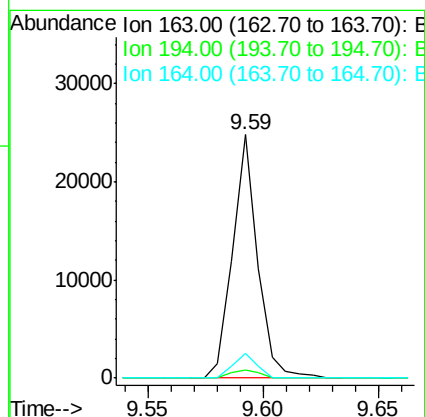
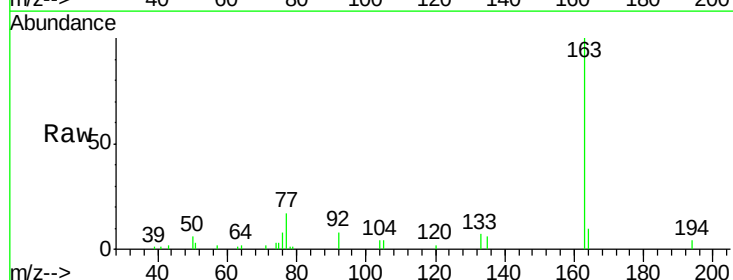
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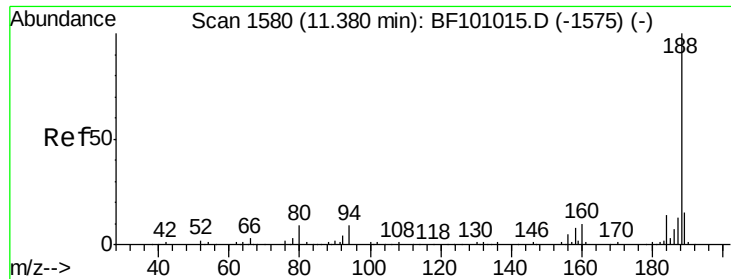
Tot Ion:172 Resp: 397320
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.3 19.6 29.4



#49
Dimethylphthalate
Concen: 2.955 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Tgt Ion:163 Resp: 18675
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.2 12.2

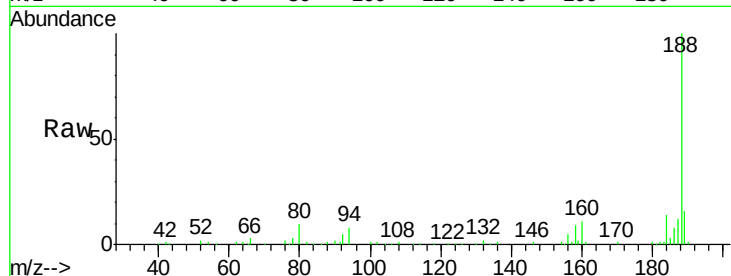




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF101205.D
 Acq: 7 Dec 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SB004A

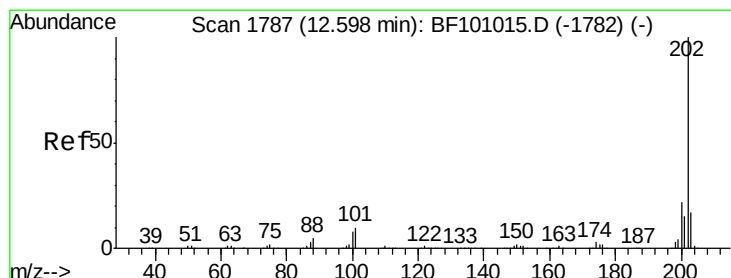
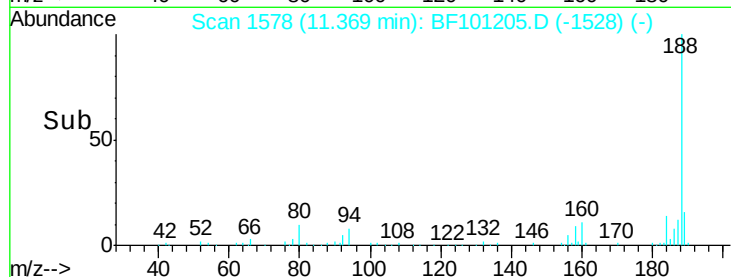
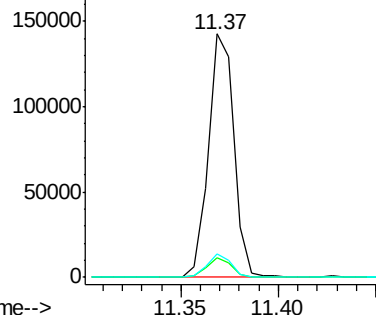
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.7	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

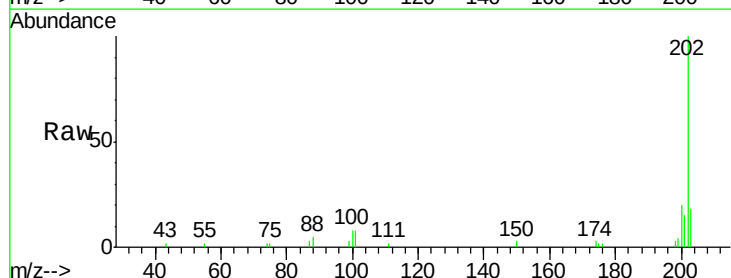
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74
 Fluoranthene
 Concen: 2.108 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BF101205.D
 Acq: 7 Dec 2017 15:15

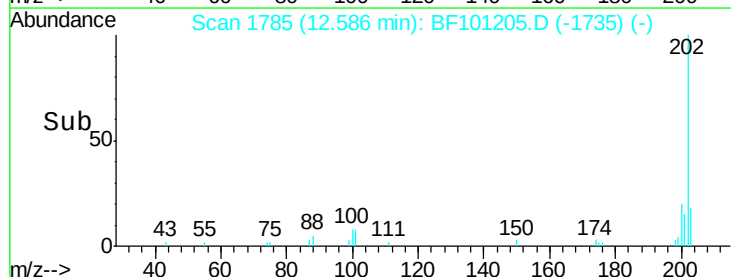
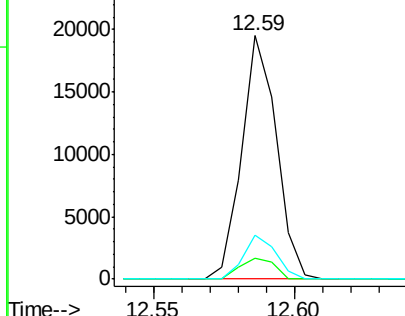
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	34.1
203	17.9	0.0	38.1

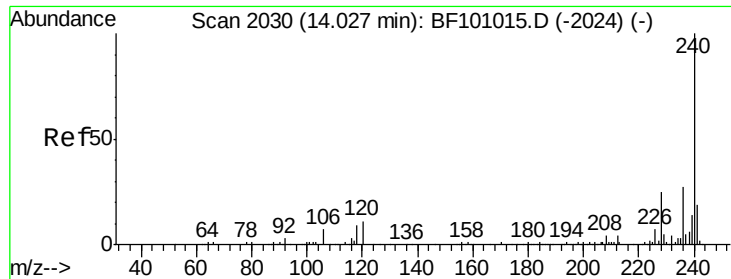


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

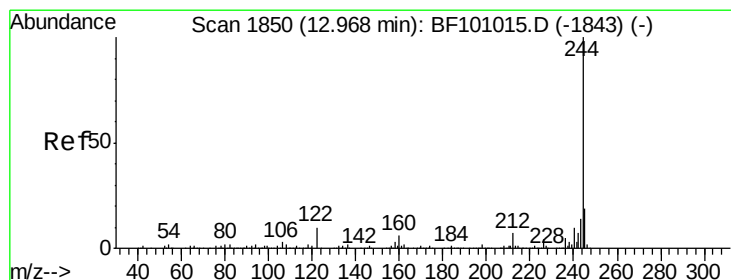
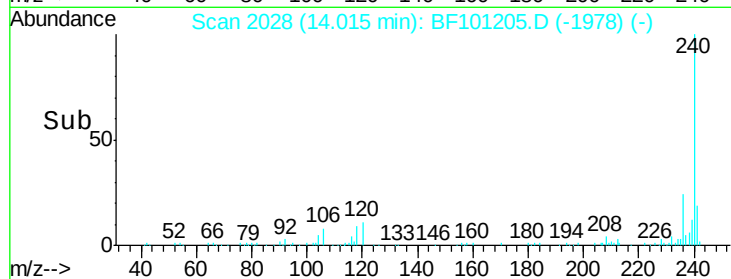
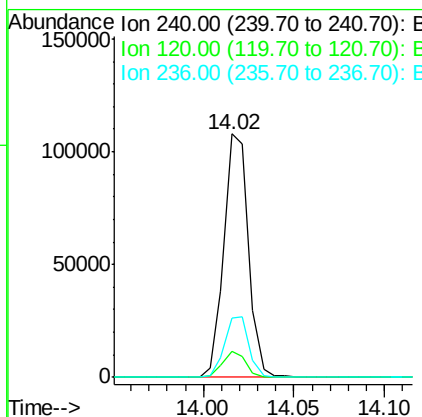
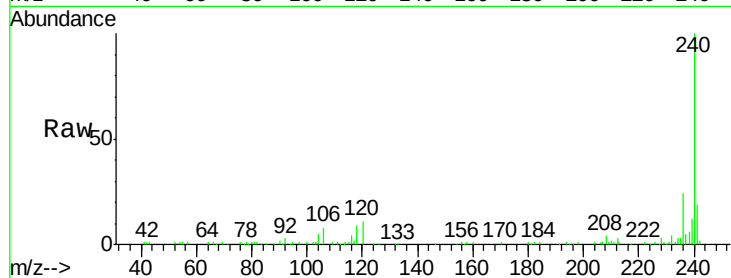




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

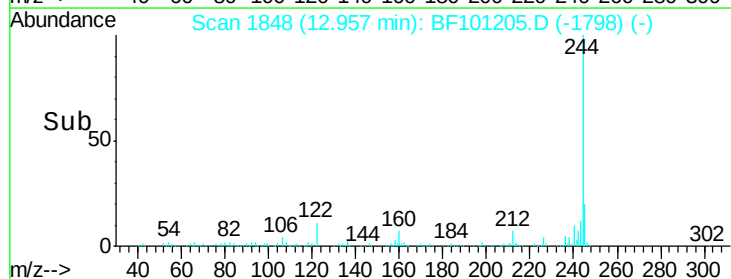
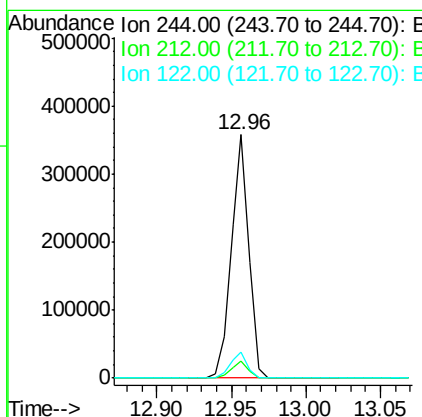
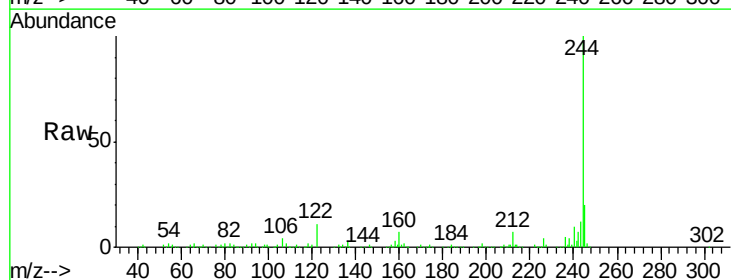
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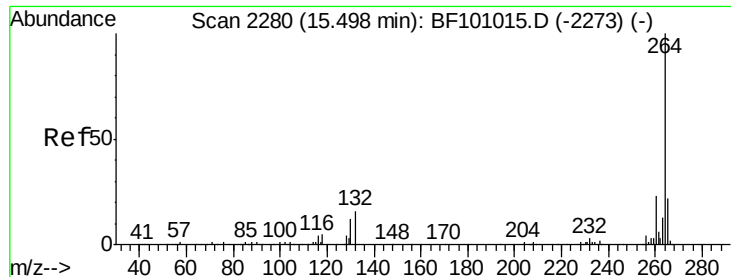
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	24.4	20.7	31.1



#78
Terphenyl-d14
Concen: 63.299 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.7	11.0	16.4





#86
Pervlone-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SOIL-SB004A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.5	17.5	26.3

