

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101210.D
 Acq On : 7 Dec 2017 17:30
 Operator : SJ/JU
 Sample : I6765-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SB010A

Quant Time: Dec 07 19:34:01 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

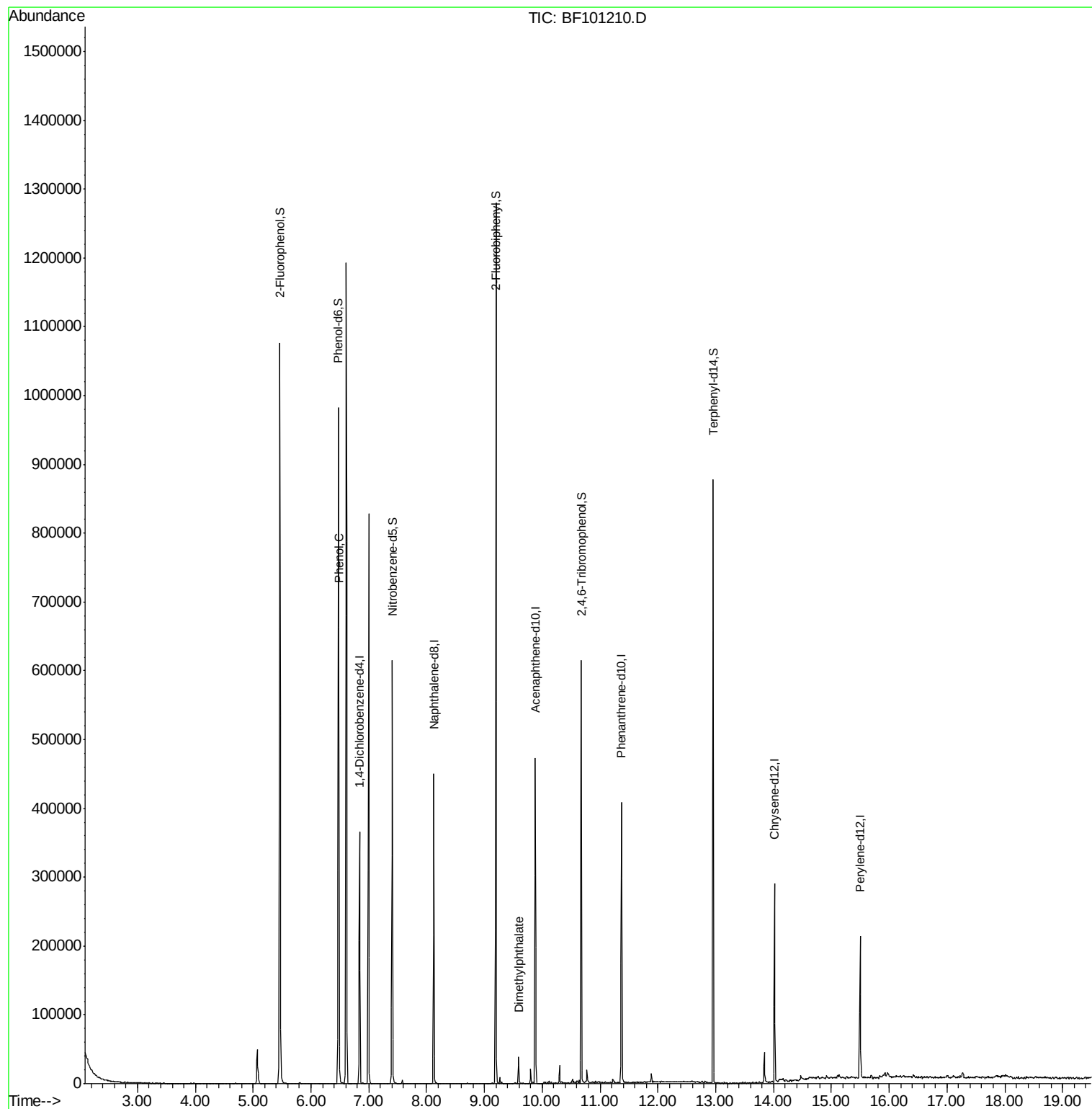
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	50186	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	190360	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	83972	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	143851	20.00	ng	0.00
75) Chrysene-d12	14.02	240	111722	20.00	ng	0.00
86) Perylene-d12	15.50	264	98774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	286504	94.34	ng	0.00
7) Phenol-d6	6.47	99	344820	93.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	205812	64.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	81080	80.38	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	374628	61.04	ng	-0.01
78) Terphenyl-d14	12.96	244	284066	55.61	ng	0.00
Target Compounds						
10) Phenol	6.49	94	16219	3.956	ng	92
49) Dimethylphthalate	9.59	163	15496	2.288	ng	# 99

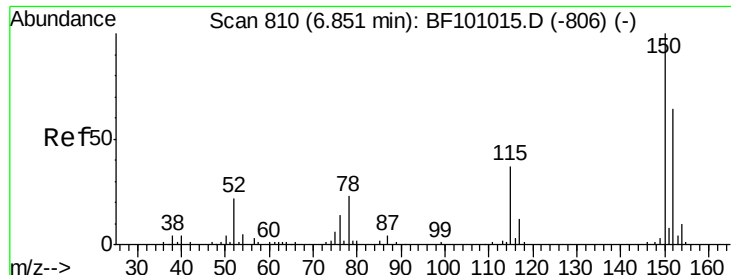
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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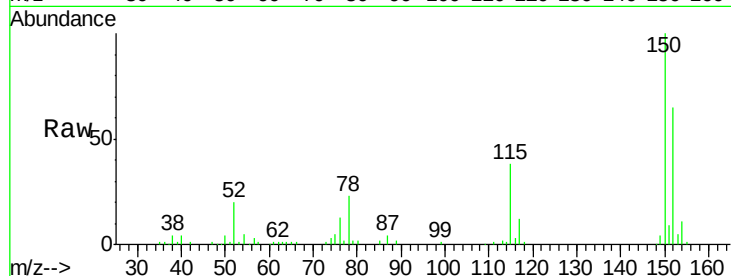


#1

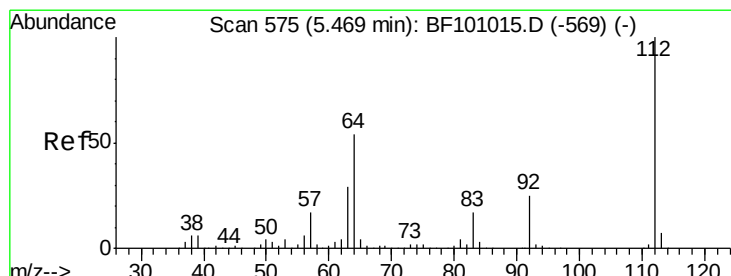
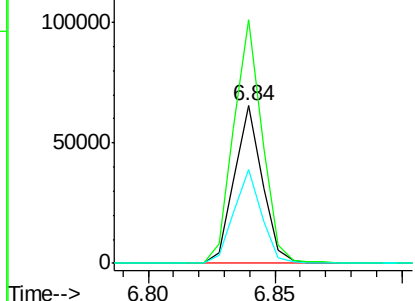
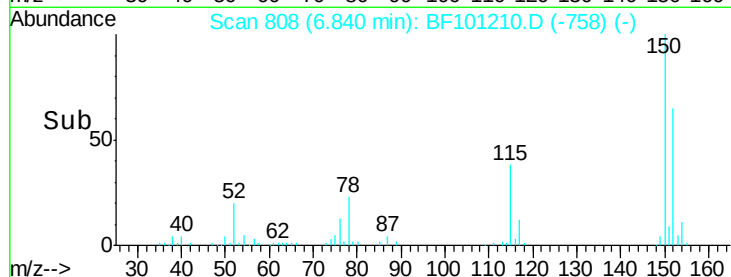
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101210.D
Acq: 7 Dec 2017 17:30

Instrument :
BNA_F
ClientSampleId :
SOIL-SB010A

Tot Ion:152 Resp: 50186
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 59.3 50.1 75.1



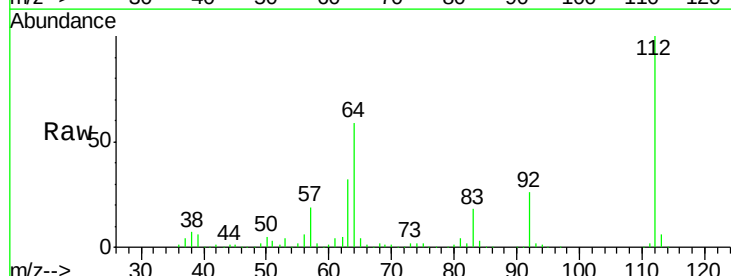
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



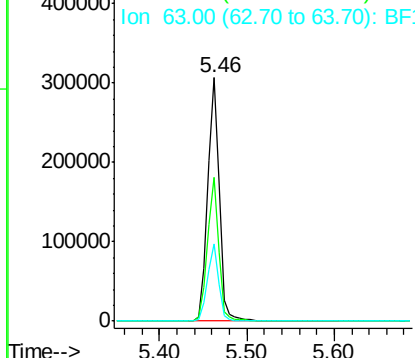
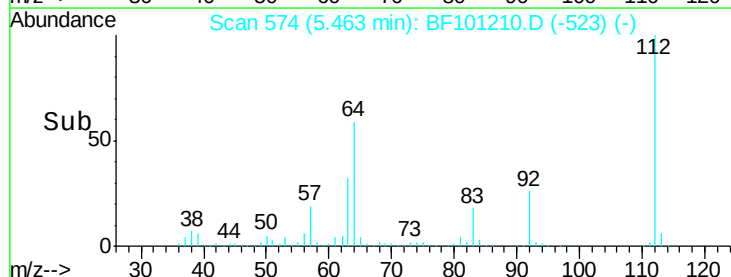
#5

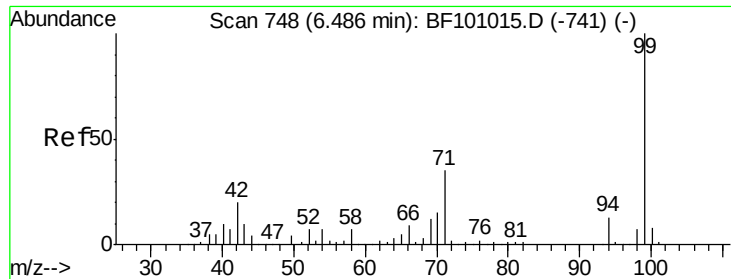
2-Fluorophenol
Concen: 94.335 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101210.D
Acq: 7 Dec 2017 17:30

Tgt Ion:112 Resp: 286504
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 31.6 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: 93.515 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

Instrument :

BNA_F

ClientSampleId :

SOIL-SB010A

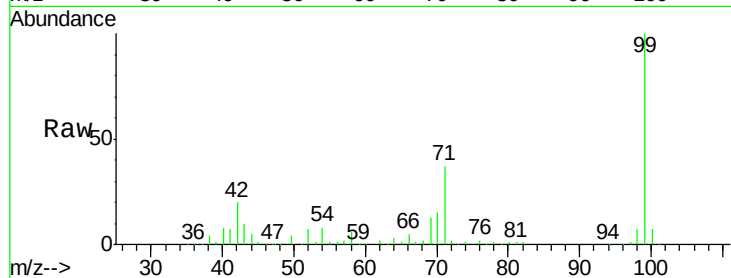
Tot Ion: 99 Resp: 344820

Ion Ratio Lower Upper

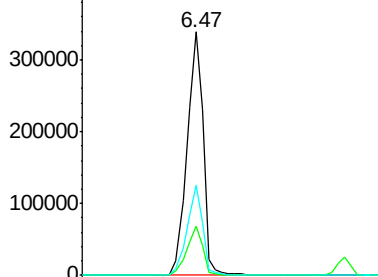
99 100

42 20.4 14.5 21.7

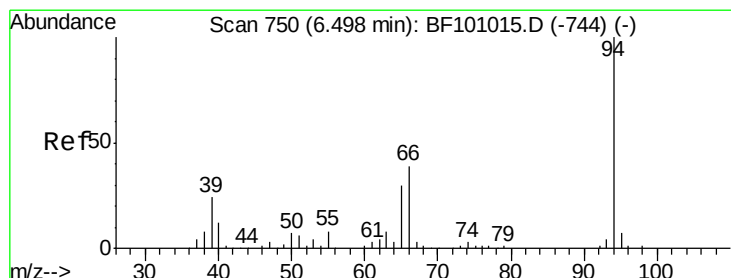
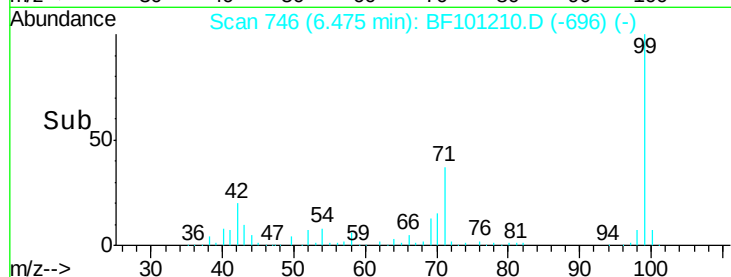
71 36.9 25.4 38.0



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



Time-->



#10

Phenol

Concen: 3.956 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

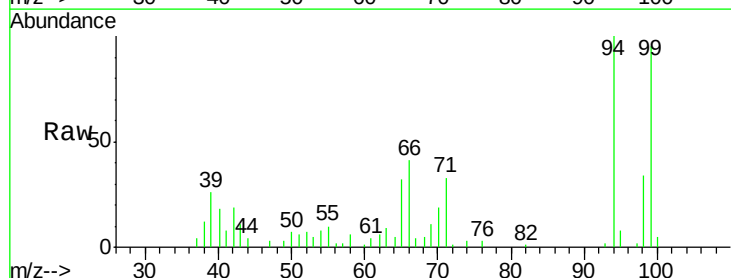
Tgt Ion: 94 Resp: 16219

Ion Ratio Lower Upper

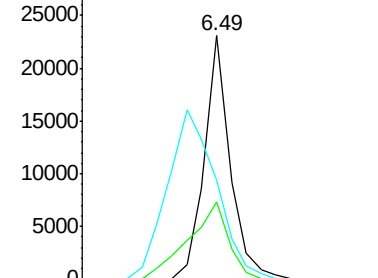
94 100

65 31.9 7.9 47.9

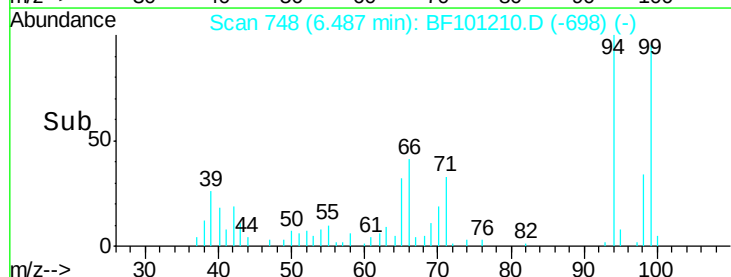
66 40.8 16.2 56.2

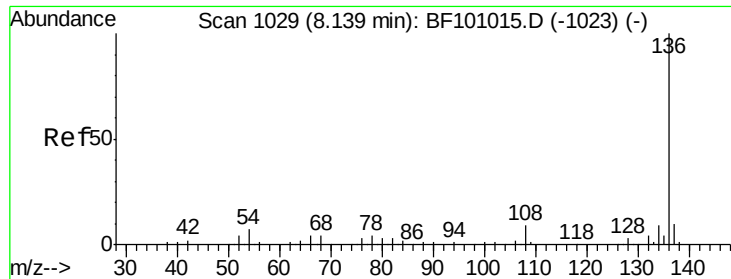


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->

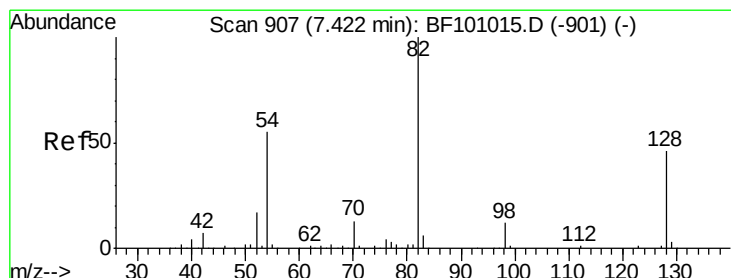
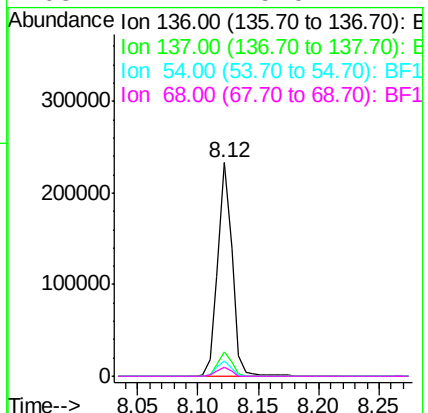
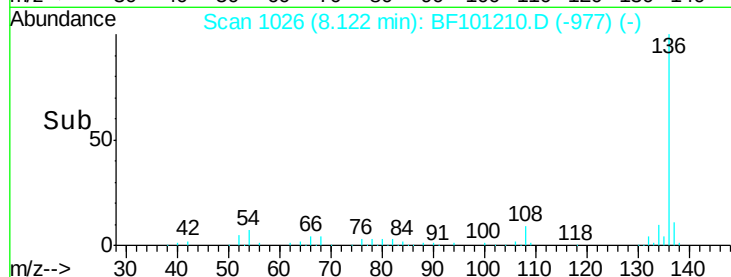
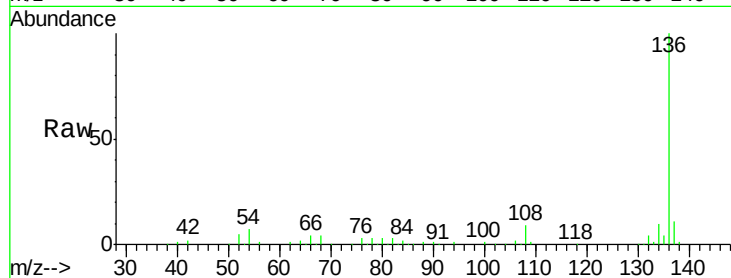




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101210.D
Acq: 7 Dec 2017 17:30

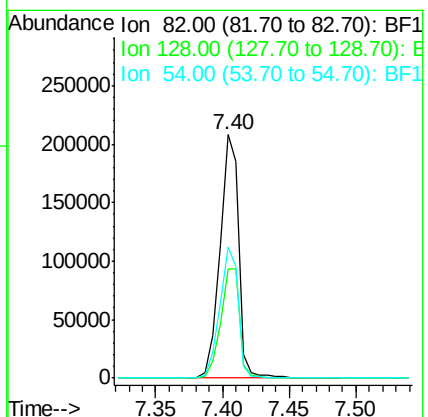
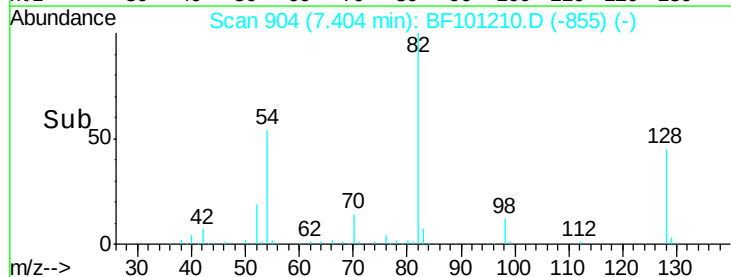
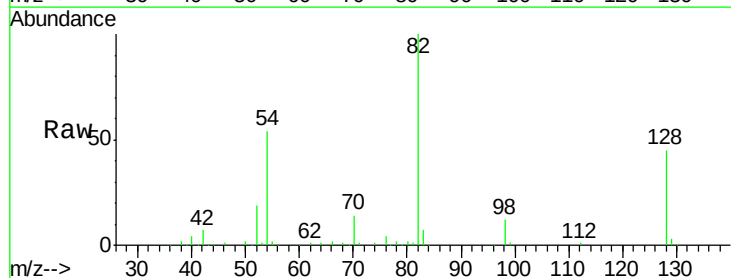
Instrument :
BNA_F
ClientSampleId :
SOIL-SB010A

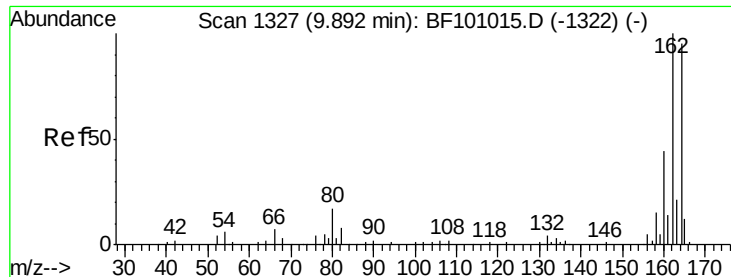
Tot Ion:	136	Resp:	190360
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	4.4	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 64.495 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF101210.D
Acq: 7 Dec 2017 17:30

Tgt Ion:	82	Resp:	205812
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	54.0	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: BF101210.D

Acq: 7 Dec 2017 17:30

Instrument :

BNA_F

ClientSampleId :

SOIL-SB010A

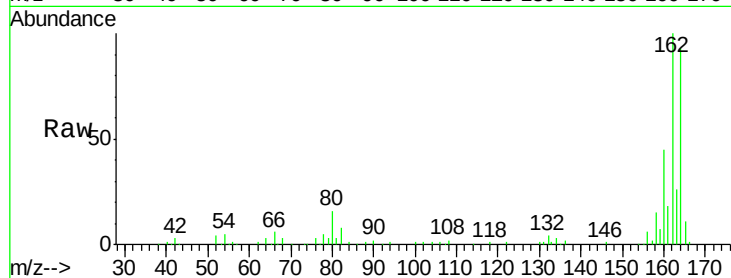
Tot Ion:164 Resp: 83972

Ion Ratio Lower Upper

164 100

162 107.5 86.1 129.1

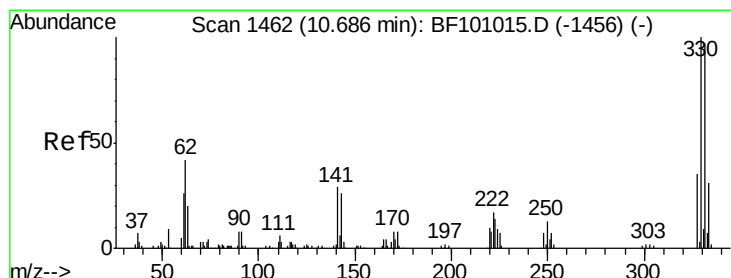
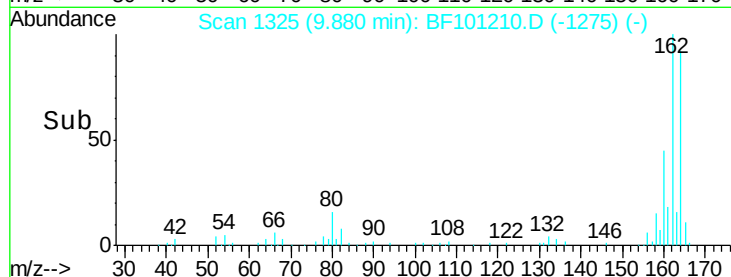
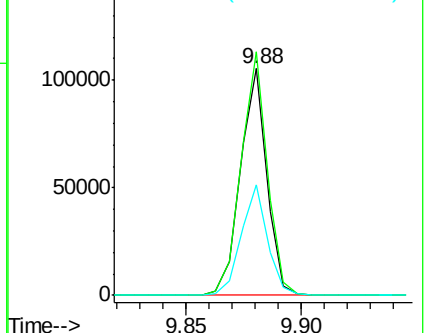
160 48.6 38.3 57.5



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: 80.377 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

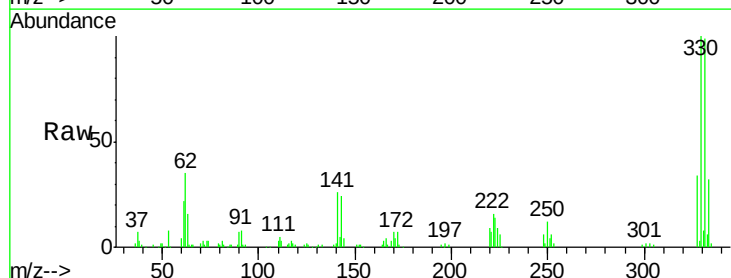
Tgt Ion:330 Resp: 81080

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

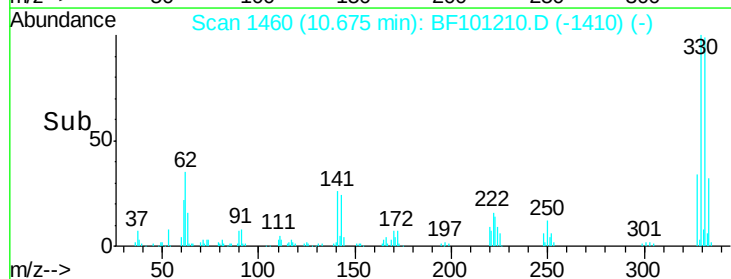
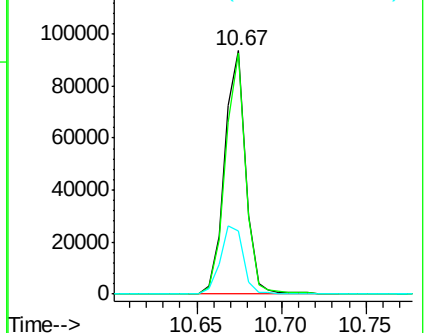
141 30.4 29.9 44.9

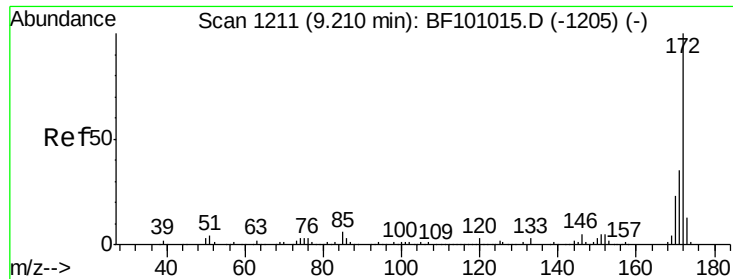


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

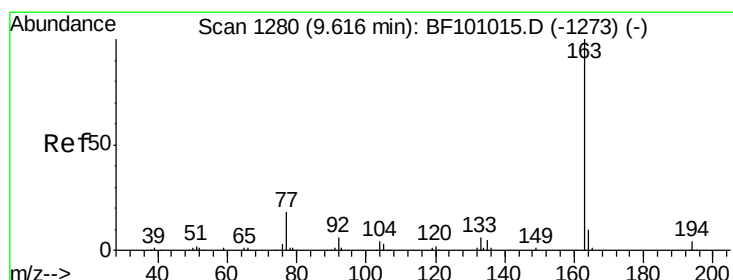
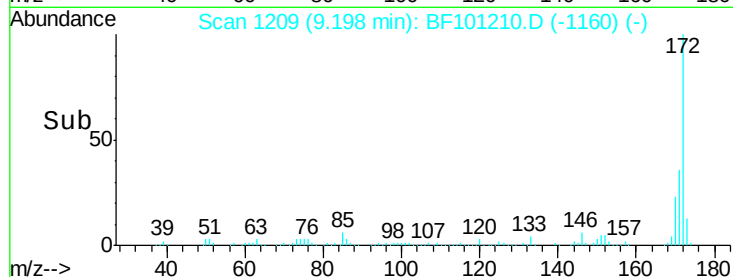
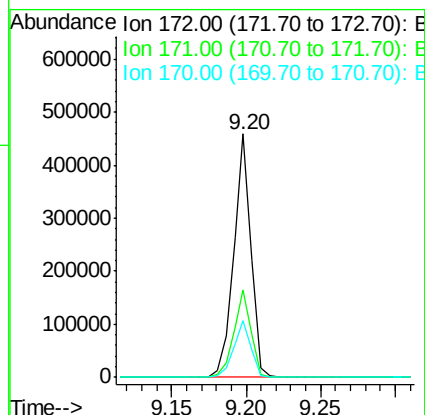
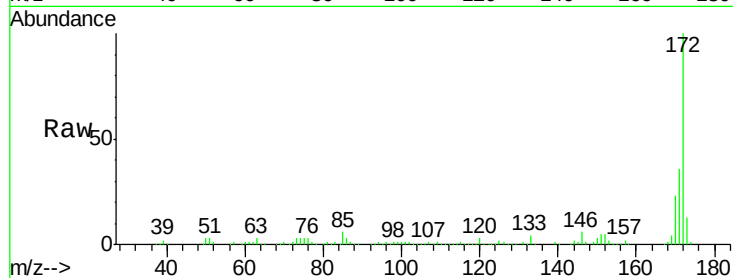




#44
2-Fluorobiphenyl
Concen: 61.040 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101210.D
Acq: 7 Dec 2017 17:30

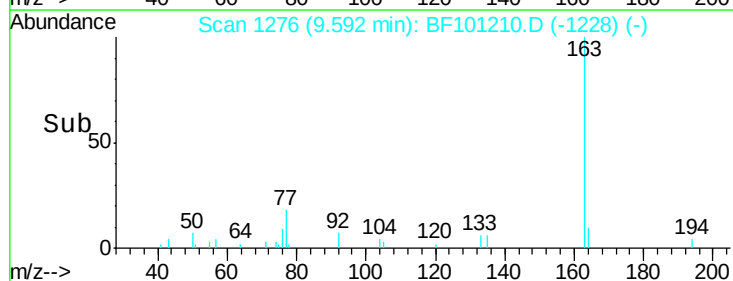
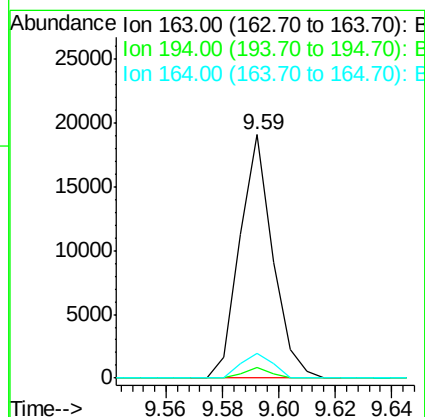
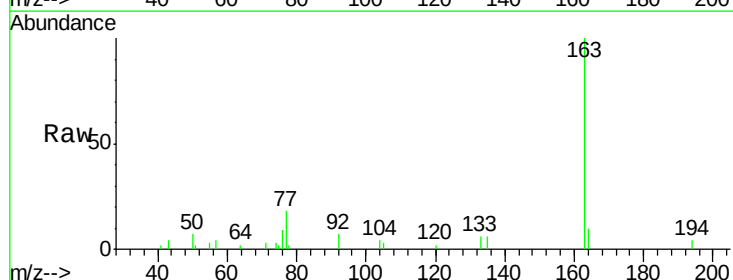
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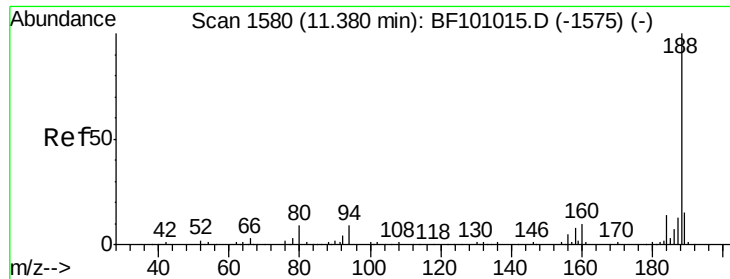
Tot Ion:172 Resp: 374628
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.3 19.6 29.4



#49
Dimethylphthalate
Concen: 2.288 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101210.D
Acq: 7 Dec 2017 17:30

Tgt Ion:163 Resp: 15496
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.4 8.2 12.2

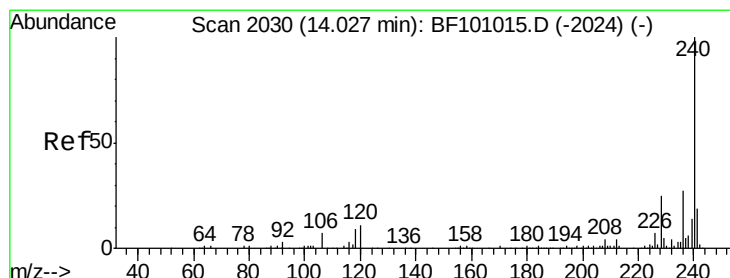
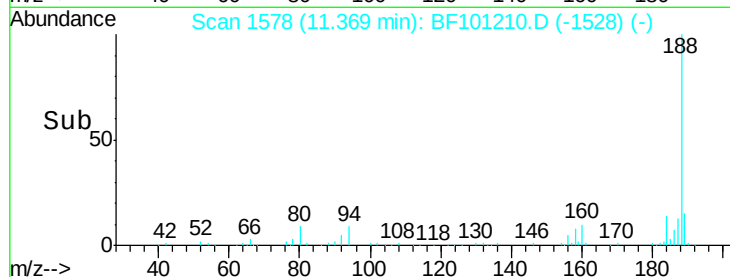
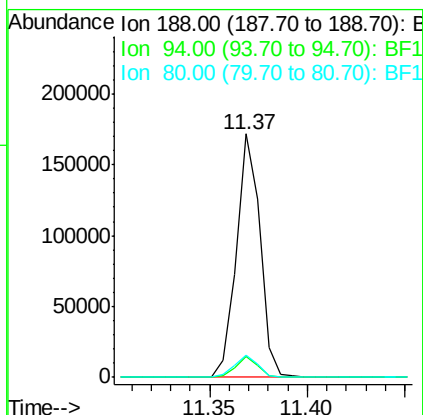
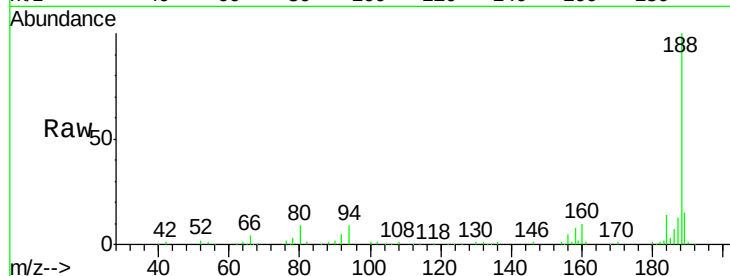




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101210.D
Acq: 7 Dec 2017 17:30

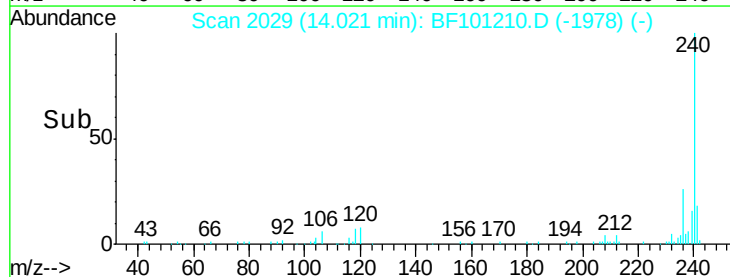
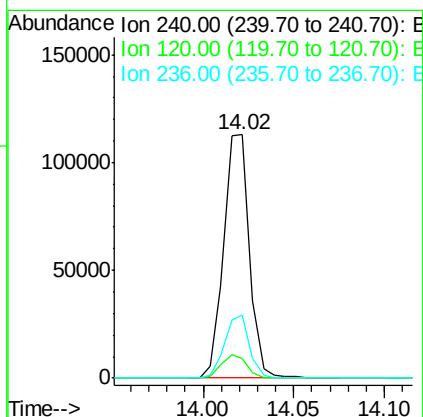
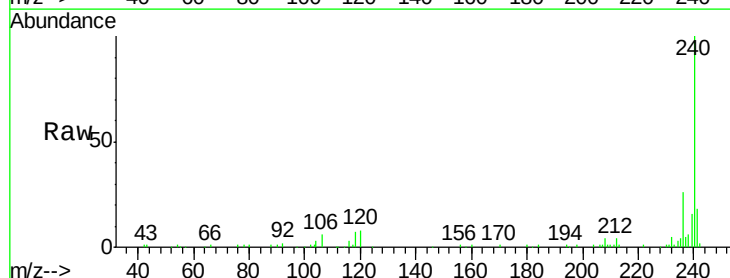
Instrument :
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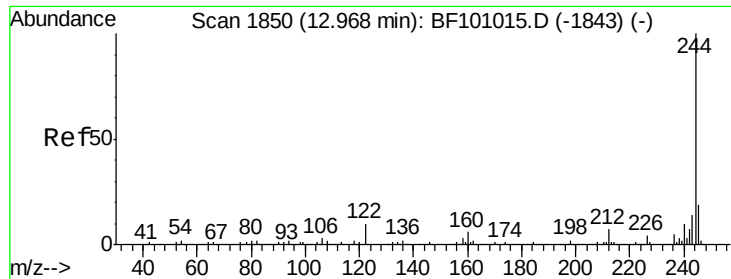
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.0	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101210.D
Acq: 7 Dec 2017 17:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.5	14.3#
236	25.7	20.7	31.1

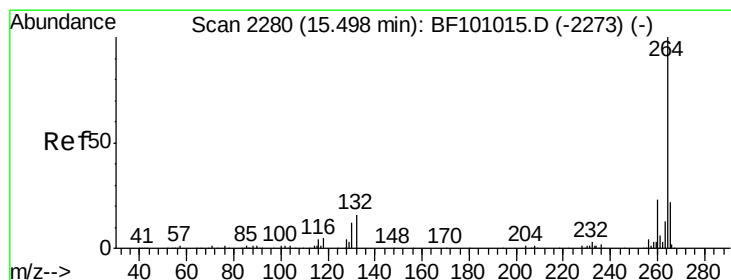
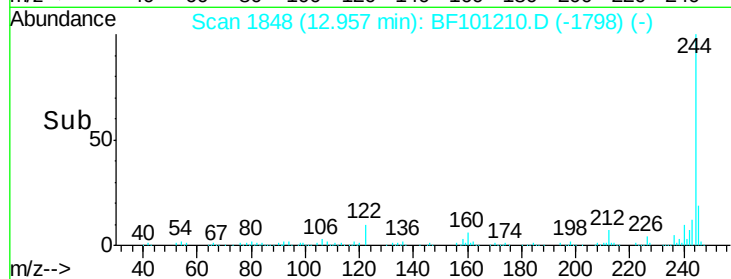
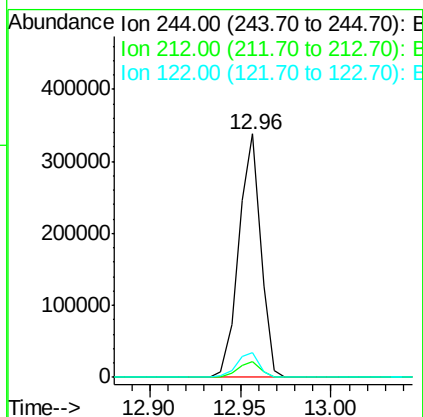
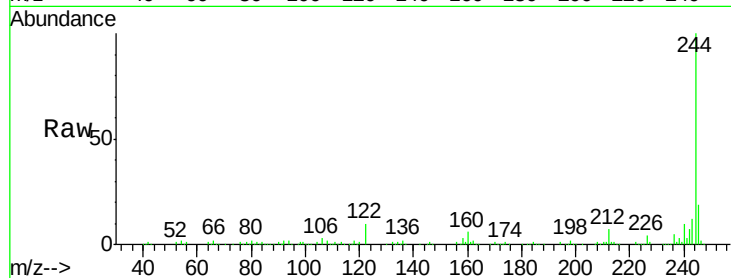




#78
 Terphenyl-d14
 Concen: 55.614 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101210.D
 Acq: 7 Dec 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SB010A

Tot Ion:244 Resp: 284066
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101210.D
 Acq: 7 Dec 2017 17:30

Tgt Ion:264 Resp: 98774
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.2 28.8
 265 20.4 17.5 26.3

