

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107273.D
 Acq On : 10 Jul 2018 15:29
 Operator : JU/SJ
 Sample : J3893-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-S-7-SOIL

Manual Integrations
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Sohil
 7/11/2018 11:22:43 AM

Quant Time: Jul 10 16:53:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	35641	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	121591	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	54135	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	114311	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	119558	20.00	ng	-0.03
86) Perylene-d12	15.68	264	85835	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	214231	101.78	ng	-0.01
7) Phenol-d6	6.59	99	252765	96.16	ng	-0.02
23) Nitrobenzene-d5	7.51	82	148963	68.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	67941	108.28	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	239386	72.72	ng	-0.03
78) Terphenyl-d14	13.07	244	315983	64.02	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.69	163	75138	18.506	ng	Qvalue 99

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

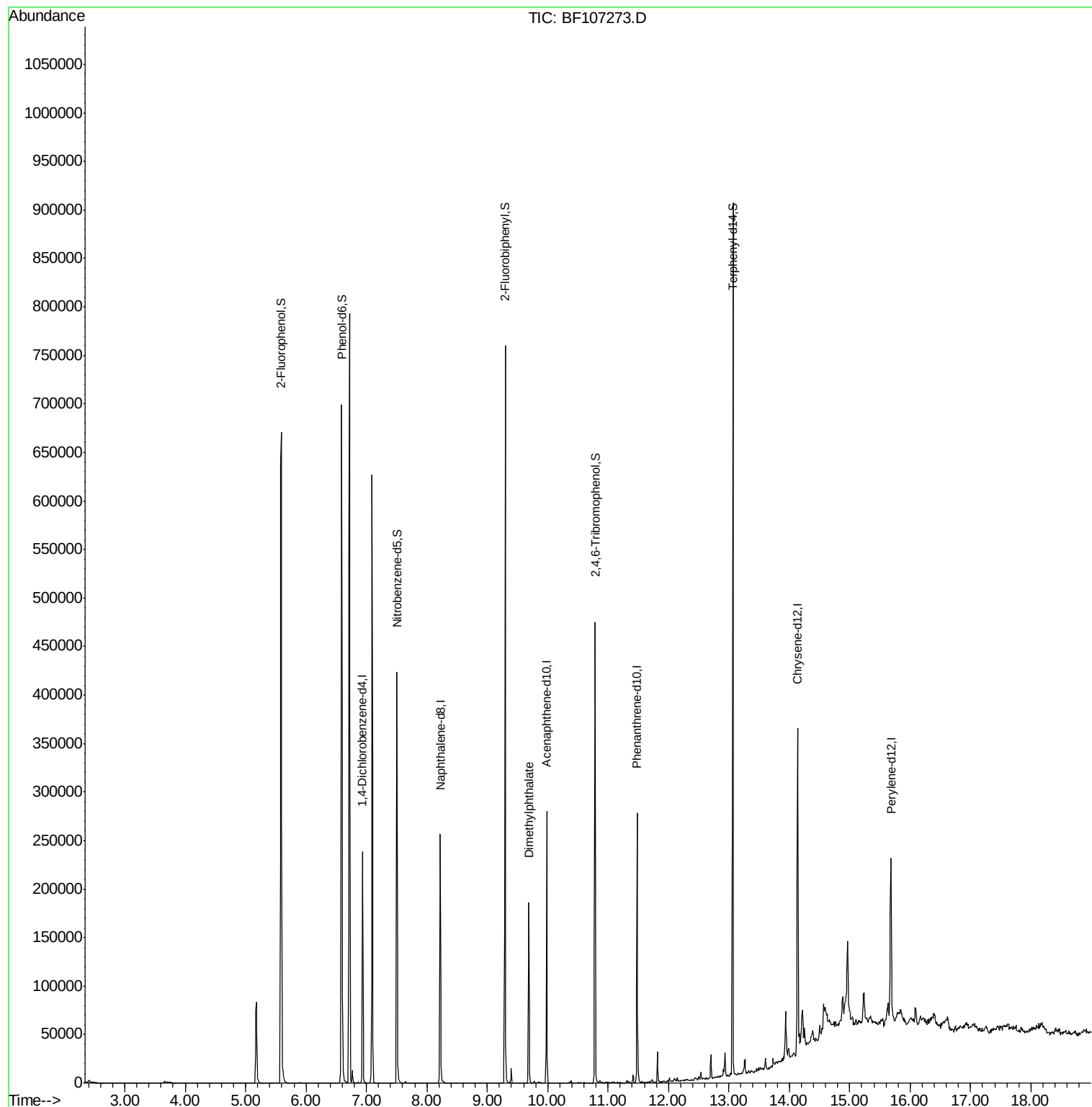
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107273.D
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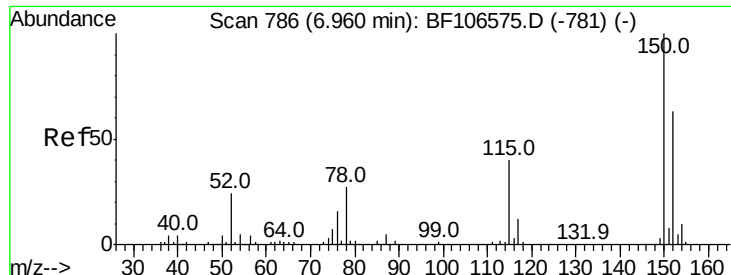
Instrument :
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#1

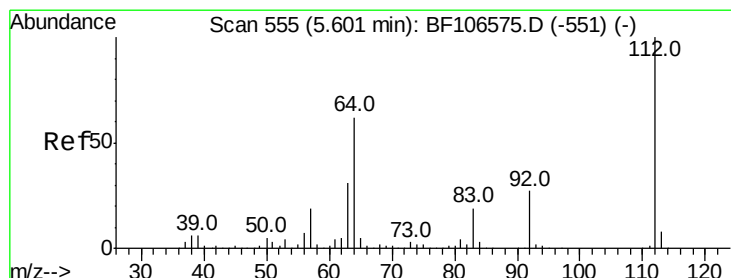
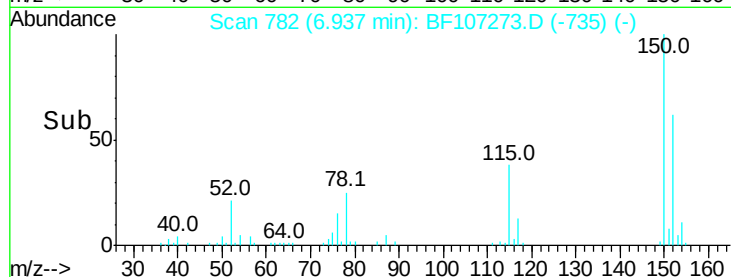
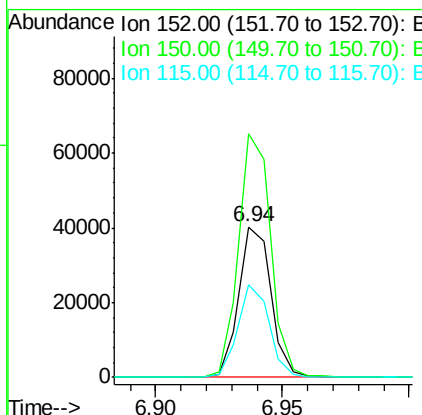
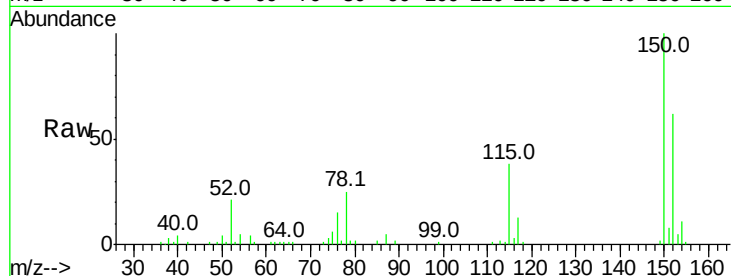
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107273.D
Acq: 10 Jul 2018 15:29

Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	61.3	50.1	75.1

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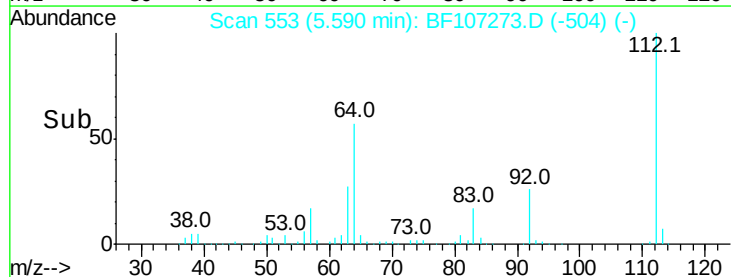
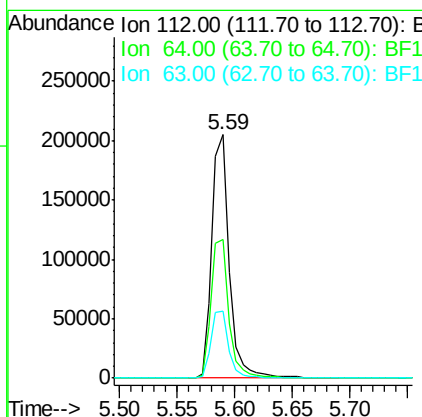
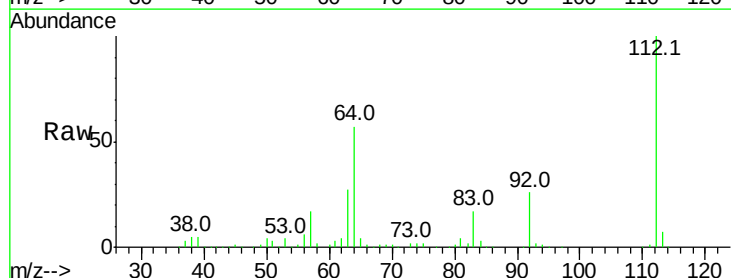
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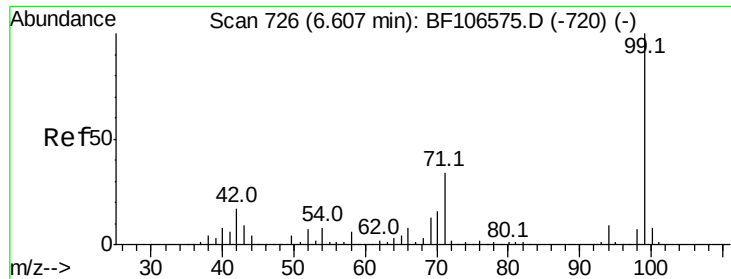


#5

2-Fluorophenol
Concen: 101.782 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107273.D
Acq: 10 Jul 2018 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	27.3	23.7	35.5





#7

Phenol-d6

Concen: 96.164 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107273.D

Acq: 10 Jul 2018 15:29

Instrument :

BNA_F

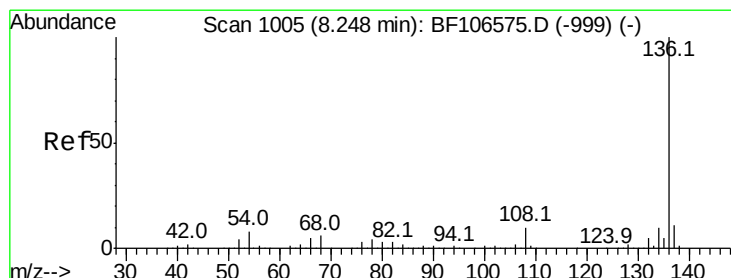
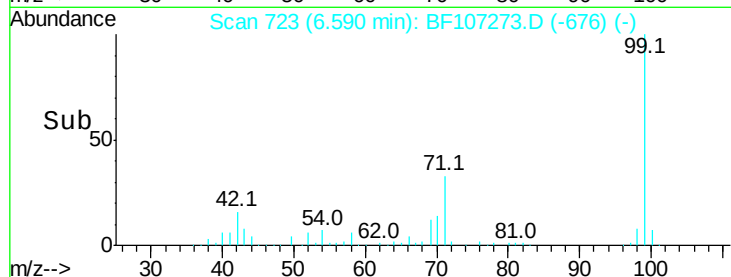
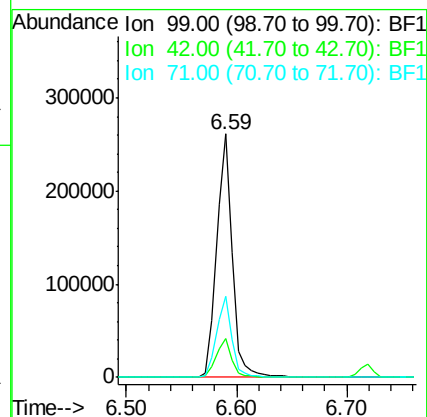
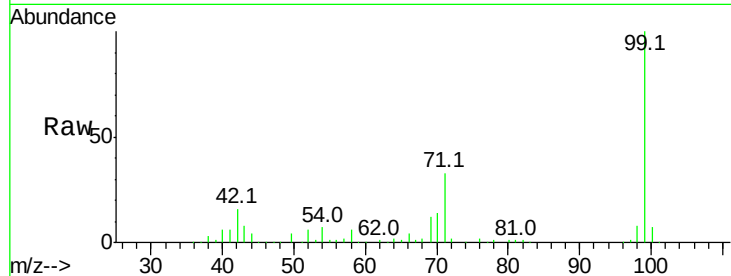
ClientSampleId :

BS-S-7-SOIL

Tot Ion:	99	Resp:	252765
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	33.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

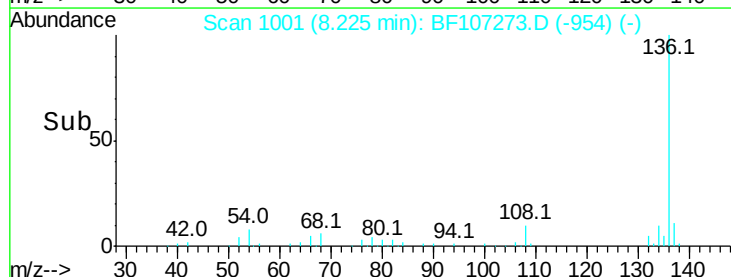
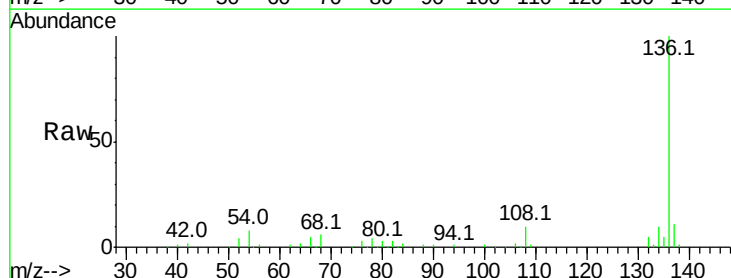
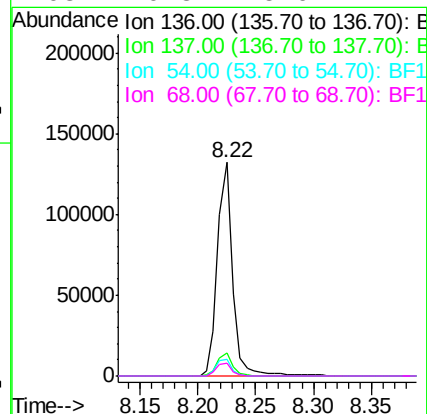
RT: 8.22 min Scan# 1001

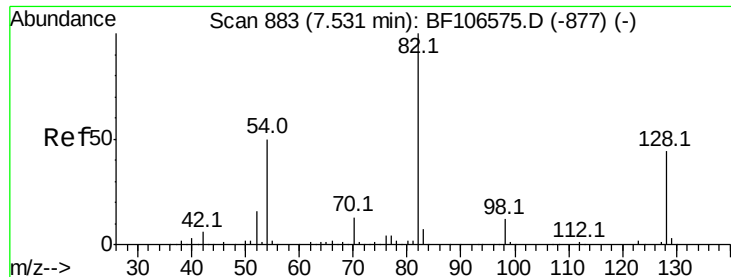
Delta R.T. -0.02 min

Lab File: BF107273.D

Acq: 10 Jul 2018 15:29

Tgt Ion:	136	Resp:	121591
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	7.6	6.6	9.8
68	6.3	5.0	7.4





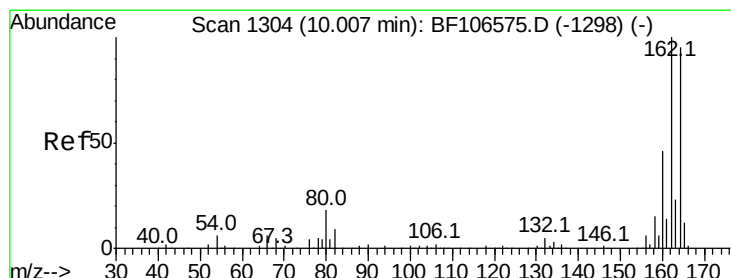
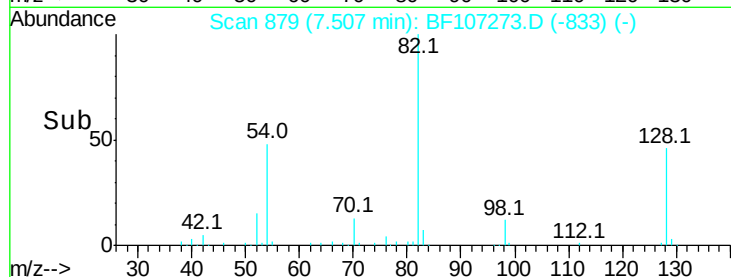
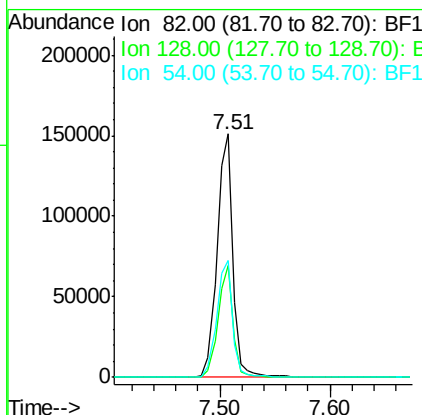
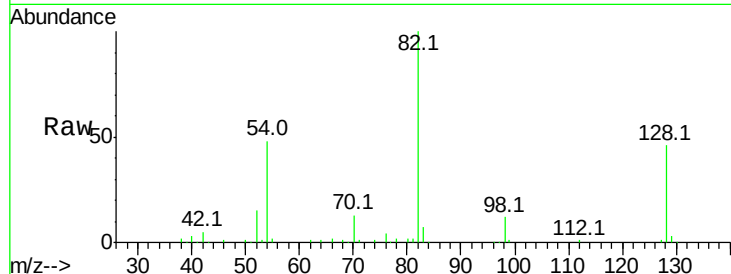
#23
 Nitrobenzene-d5
 Concen: 68.084 ng
 RT: 7.51 min Scan# 879
 Delta R.T. -0.03 min
 Lab File: BF107273.D
 Acq: 10 Jul 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :
 BS-S-7-SOIL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	36.1	54.1	
54	48.1	41.4	62.2	

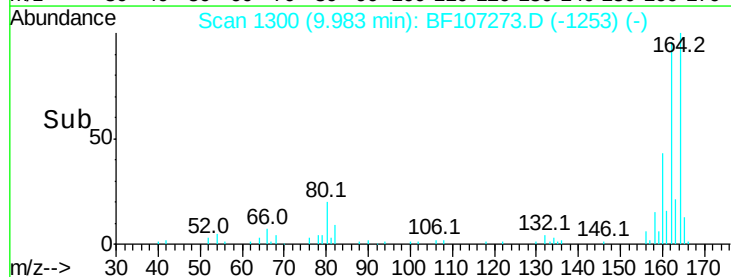
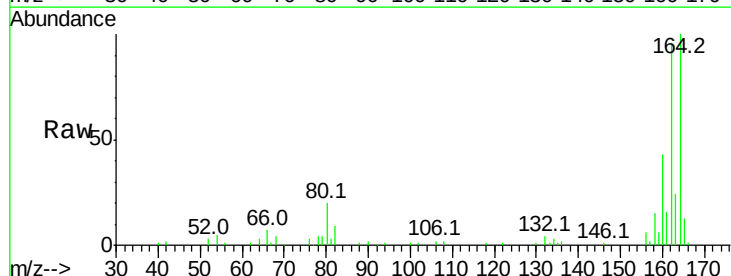
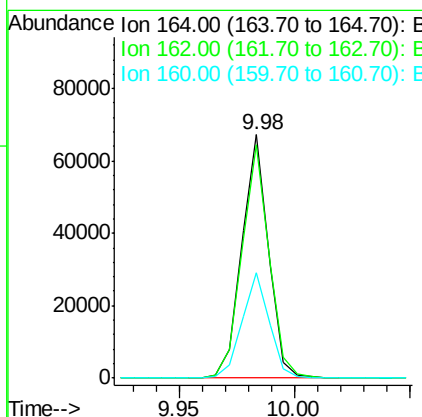
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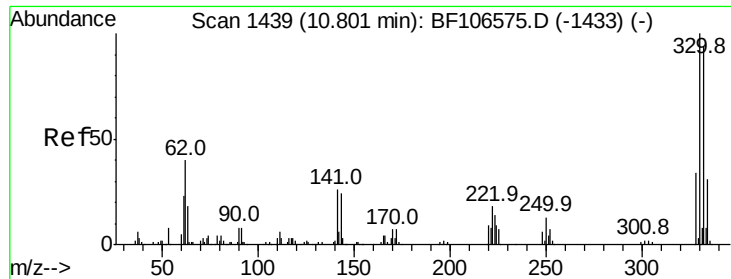
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107273.D
 Acq: 10 Jul 2018 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	96.0	86.1	129.1	
160	43.1	38.3	57.5	





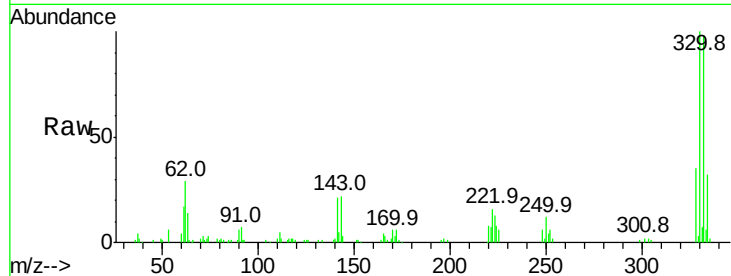
#41
 2,4,6-Tribromophenol
 Concen: 108.283 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107273.D
 Acq: 10 Jul 2018 15:29

Instrument :
 BNA_F
 ClientSampled :
 BS-S-7-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	23.4	29.9	44.9#

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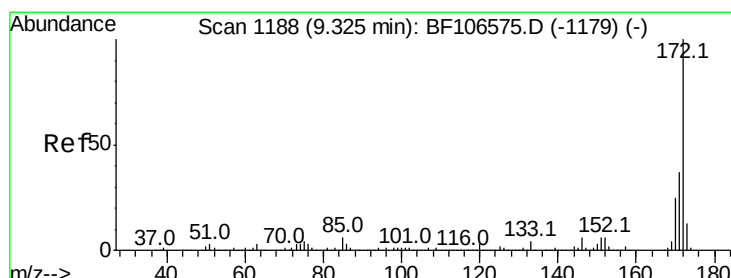
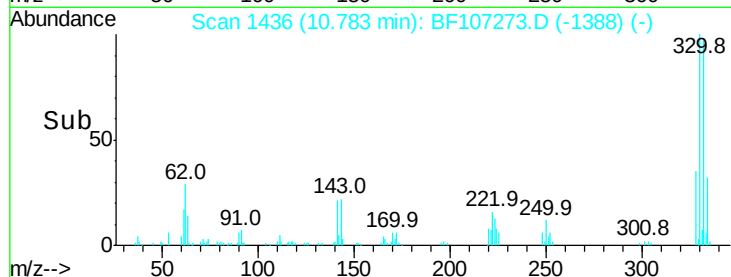
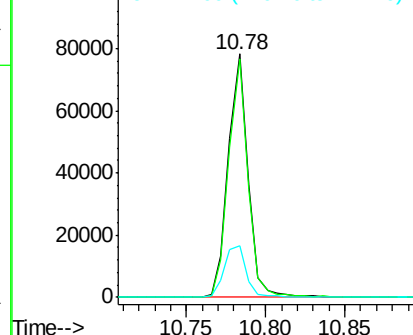


Abundance

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: 72.717 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107273.D
 Acq: 10 Jul 2018 15:29

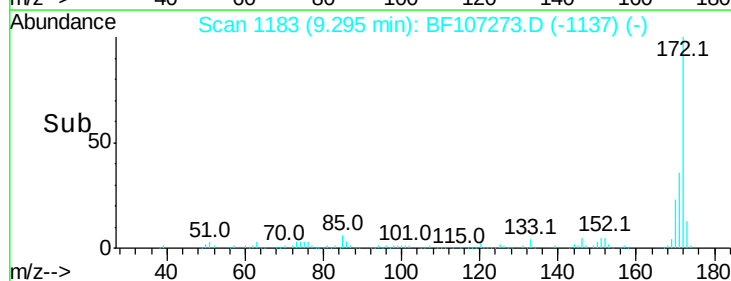
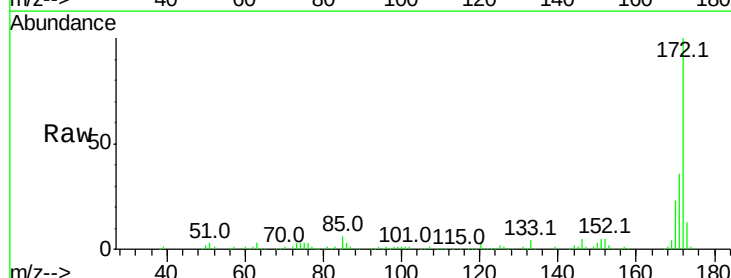
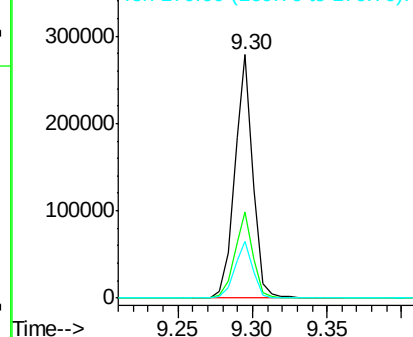
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	19.6	29.4

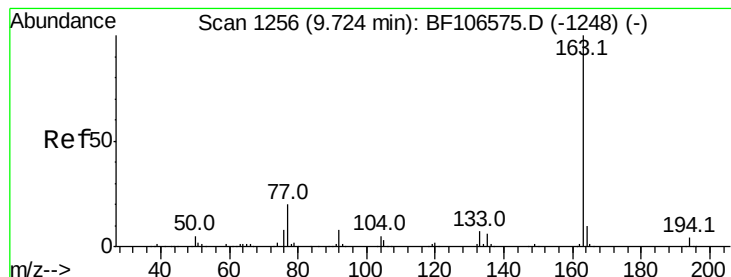
Abundance

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





#49

Dimethylphthalate

Concen: 18.506 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.04 min

Lab File: BF107273.D

Acq: 10 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

BS-S-7-SOIL

Tot Ion:163 Resp: 75138

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

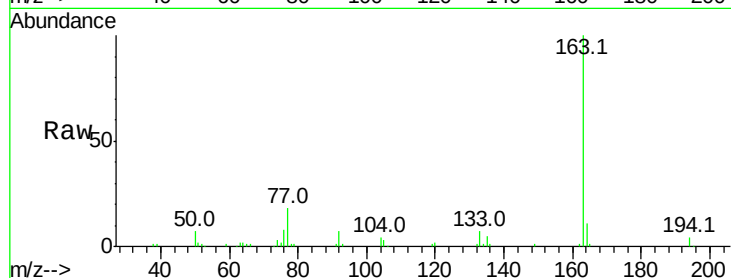
164 10.6 8.2 12.2

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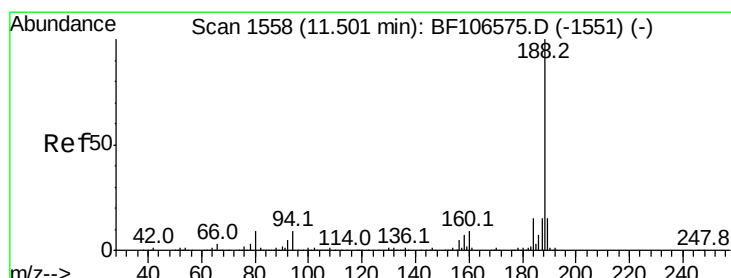
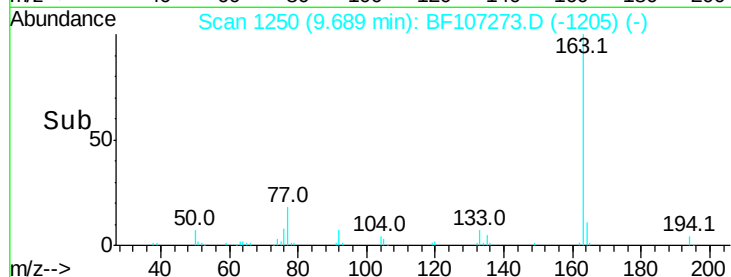
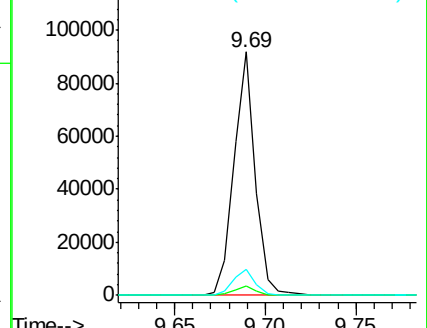
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Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.48 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF107273.D

Acq: 10 Jul 2018 15:29

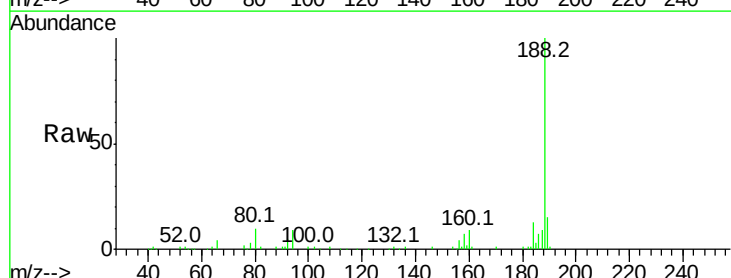
Tgt Ion:188 Resp: 114311

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

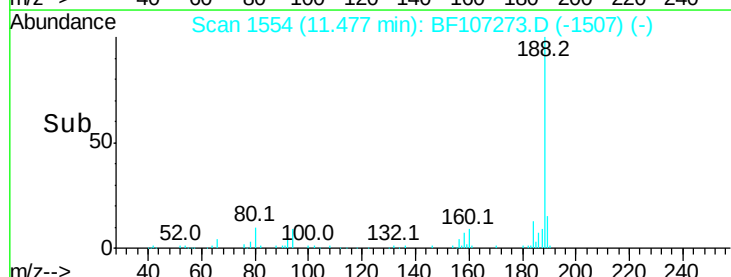
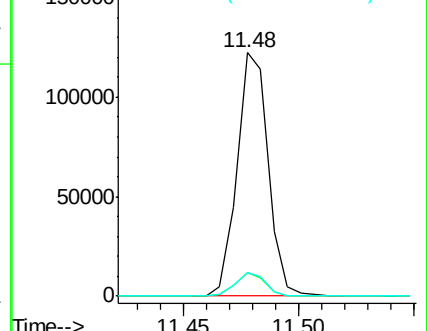
80 9.9 9.2 13.8

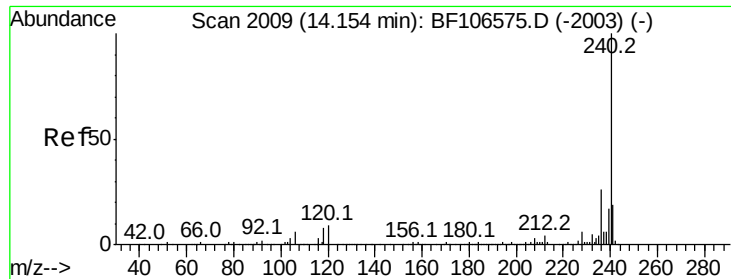


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107273.D

Acq: 10 Jul 2018 15:29

Instrument :

BNA_F

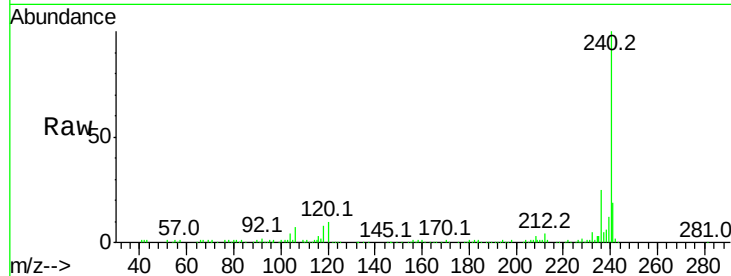
ClientSampleId :

BS-S-7-SOIL

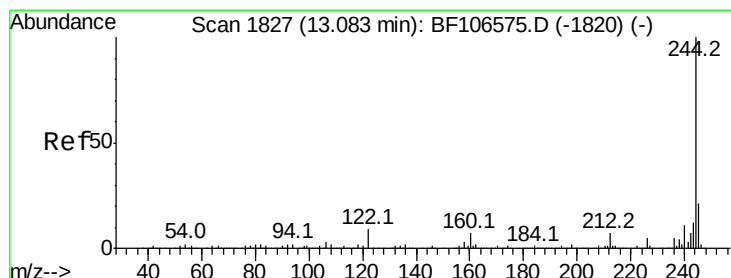
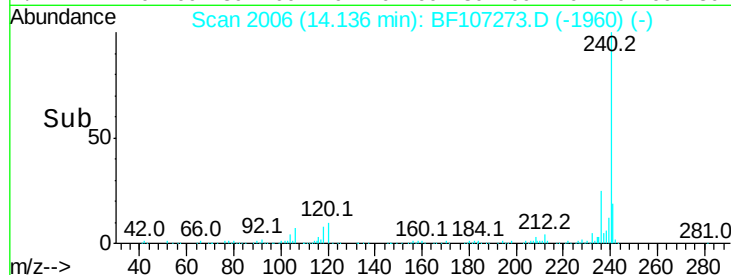
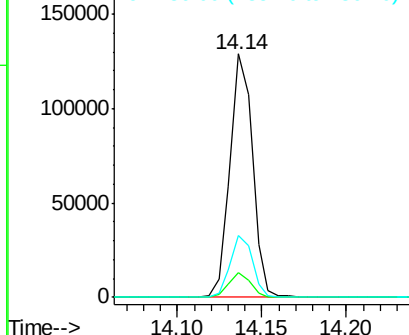
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.3	20.7	31.1

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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



#78

Terphenyl-d14

Concen: 64.020 ng

RT: 13.07 min Scan# 1824

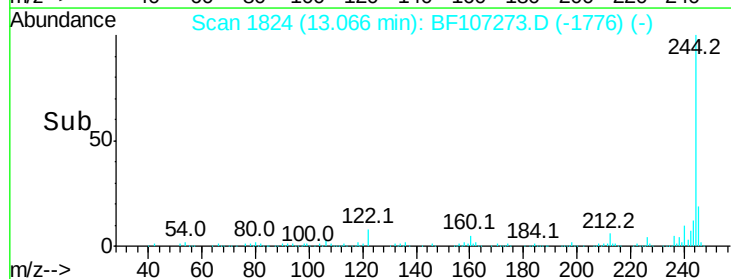
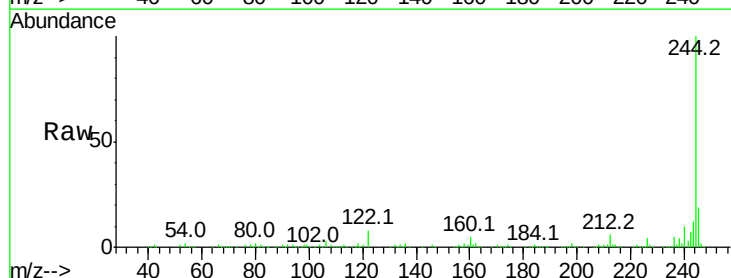
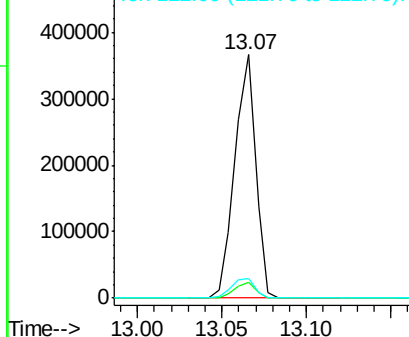
Delta R.T. -0.02 min

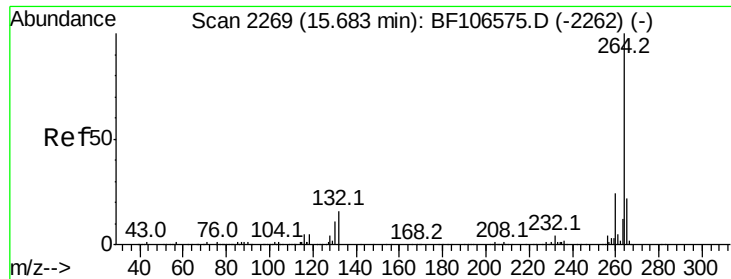
Lab File: BF107273.D

Acq: 10 Jul 2018 15:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.3	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: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107273.D
Acq: 10 Jul 2018 15:29

Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOIL

Tot Ion:	264	Resp:	85835
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3

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