

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109402.D
 Acq On : 27 Sep 2018 21:54
 Operator : JU/SJ
 Sample : J5093-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOP-SOIL

Manual Integrations
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Quant Time: Sep 28 05:46:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101291	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	362275	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	146199	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	256579	20.00	ng	0.00
75) Chrysene-d12	13.84	240	264828	20.00	ng	0.00
86) Perylene-d12	15.24	264	188623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	502075	81.64	ng	0.00
7) Phenol-d6	6.35	99	627308	79.94	ng	-0.01
23) Nitrobenzene-d5	7.26	82	385381	62.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	123447	85.65	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	651317	67.19	ng	-0.01
78) Terphenyl-d14	12.80	244	580639	53.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	179397	16.871	ng	Qvalue 99
87) Benzo(b)fluoranthene	14.84	252	28319m	2.732	ng	

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

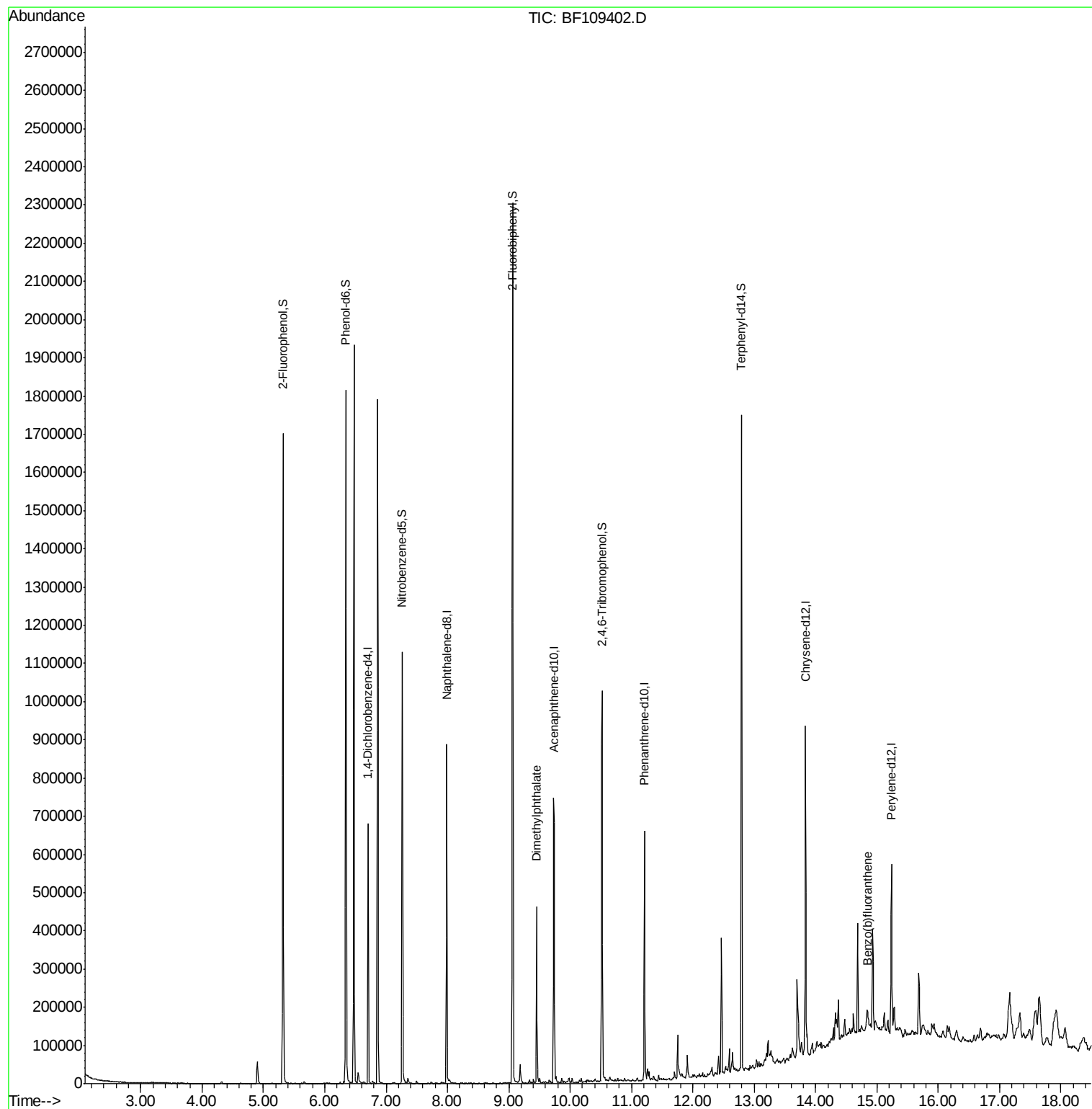
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
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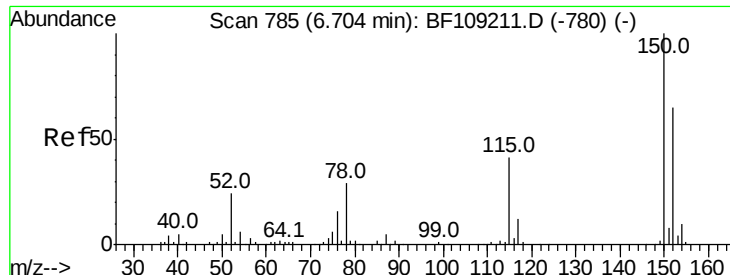
Instrument :
BNA_F
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#1

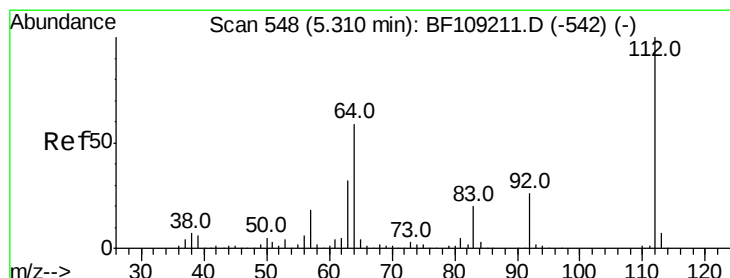
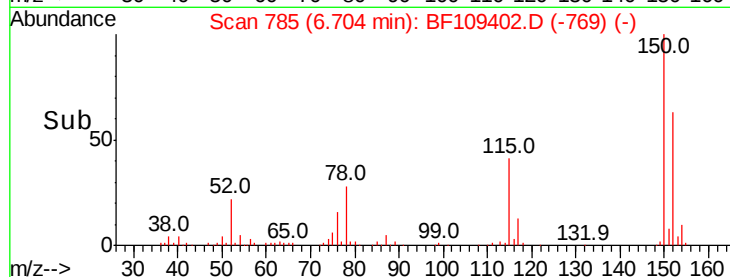
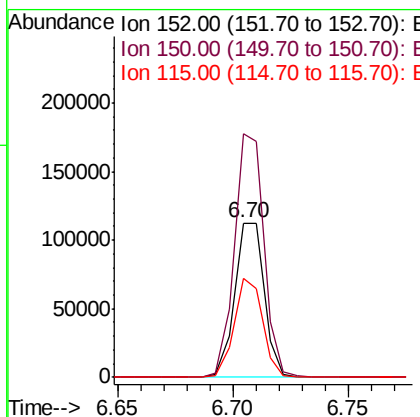
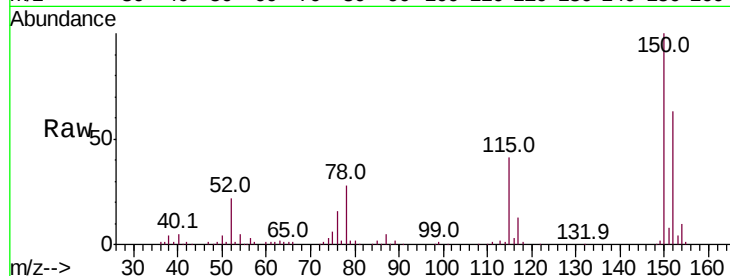
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109402.D
Acq: 27 Sep 2018 21:54

Instrument :
BNA_F
ClientSampleId :
TOP-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	64.0	50.1	75.1

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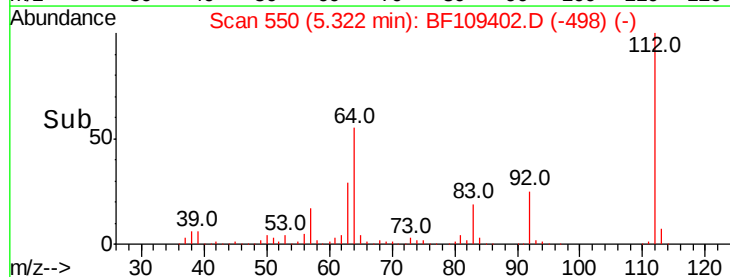
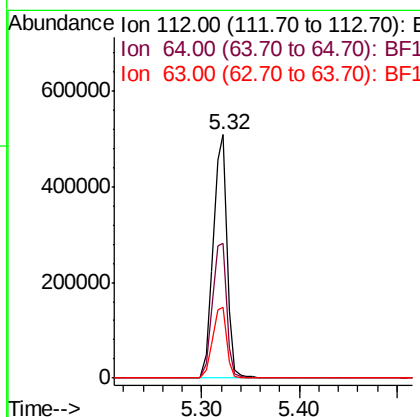
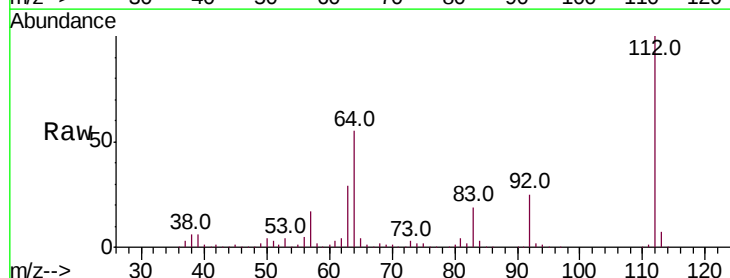
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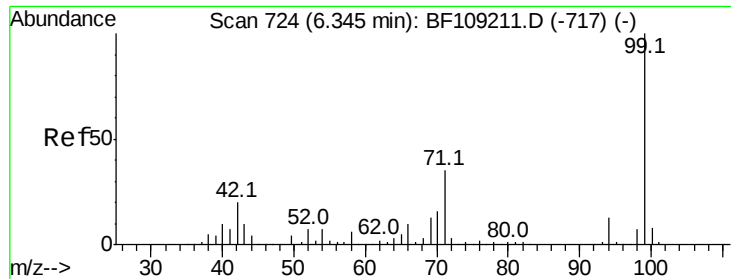


#5

2-Fluorophenol
Concen: 81.642 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109402.D
Acq: 27 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	29.3	23.7	35.5





#7

Phenol-d6

Concen: 79.939 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109402.D

Acq: 27 Sep 2018 21:54

Instrument :

BNA_F

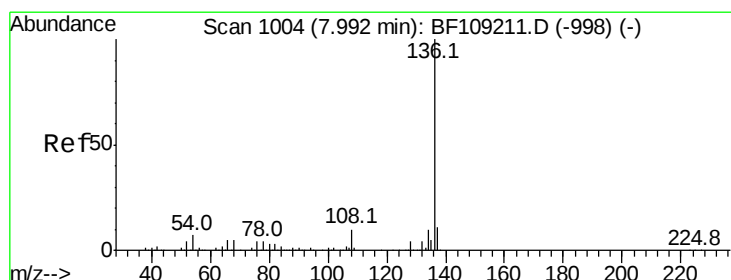
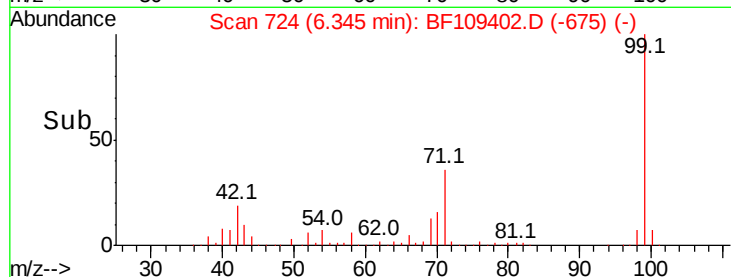
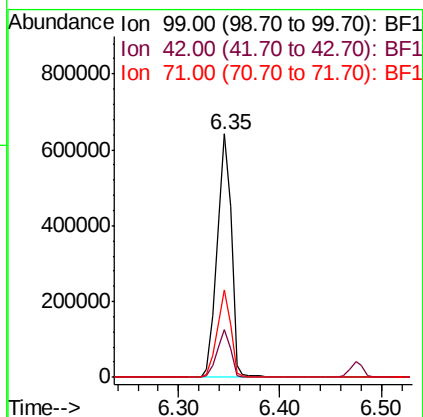
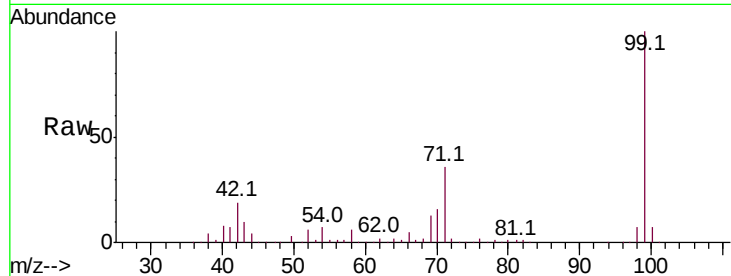
ClientSampled :

TOP-SOIL

Tot Ion:	99	Resp:	627308
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	35.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

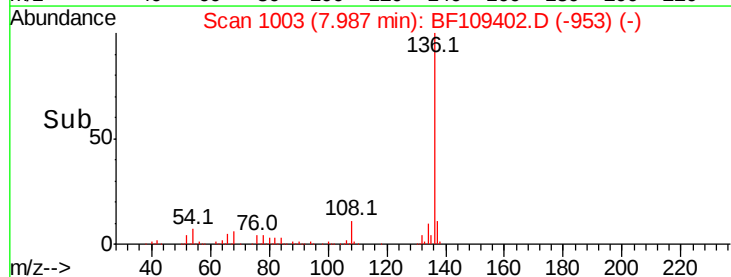
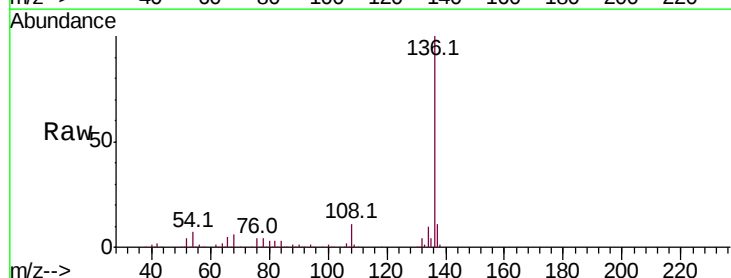
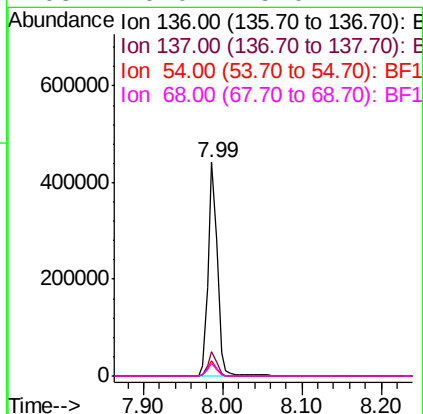
RT: 7.99 min Scan# 1003

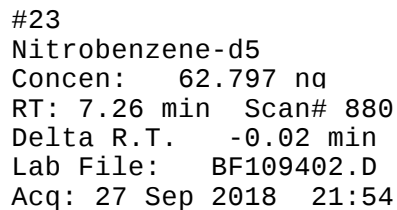
Delta R.T. -0.01 min

Lab File: BF109402.D

Acq: 27 Sep 2018 21:54

Tgt Ion:	136	Resp:	362275
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.1	6.6	9.8
68	6.0	5.0	7.4



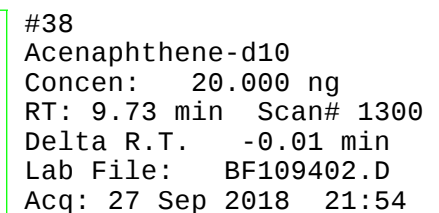
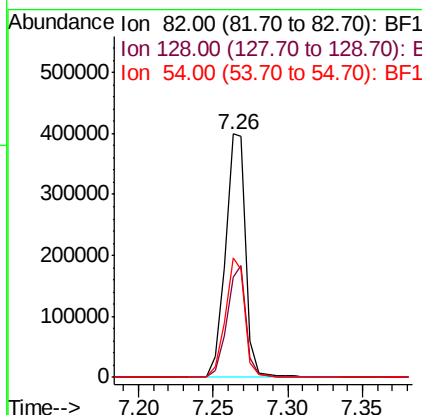


Instrument :
BNA_F
ClientSampleId :
TOP-SOIL

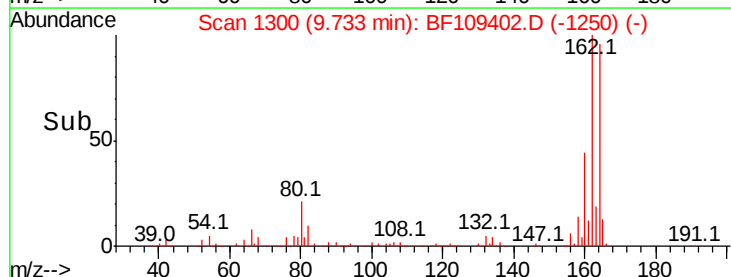
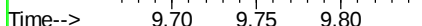
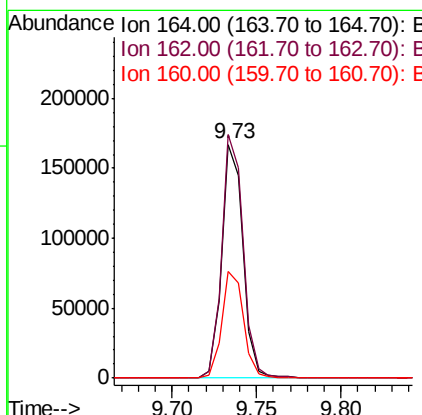
Tot	Ion: 82	Resp:	385381
Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	48.9	41.4	62.2

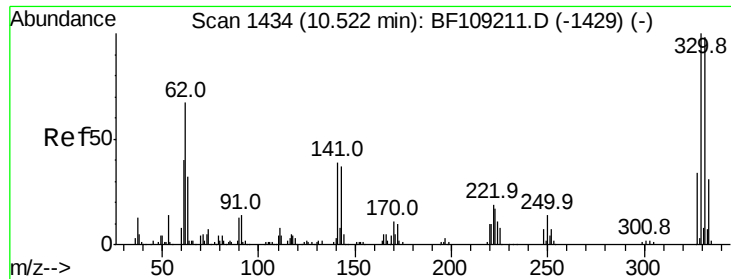
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Tgt	Ion:164	Resp:	146199
Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.4	38.3	57.5





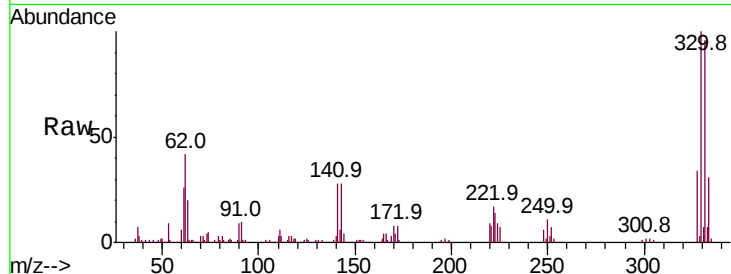
#41
 2,4,6-Tribromophenol
 Concen: 85.655 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109402.D
 Acq: 27 Sep 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 TOP-SOIL

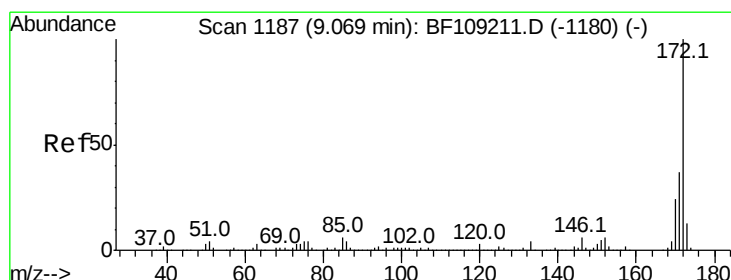
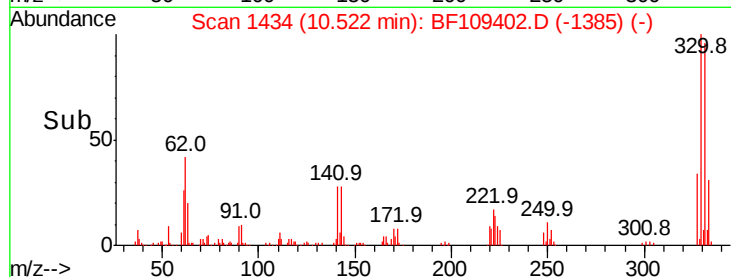
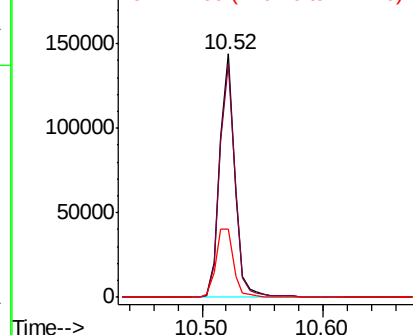
Tot Ion	330	Resp	123447
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.0	115.6
141	33.3	29.9	44.9

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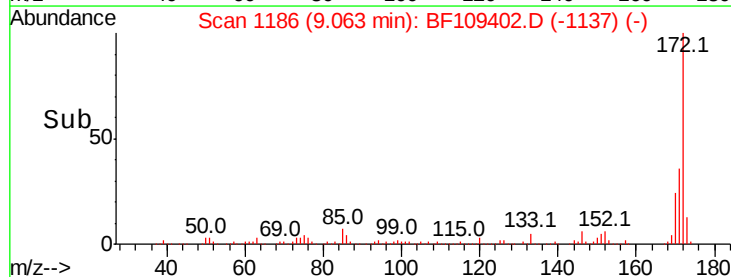
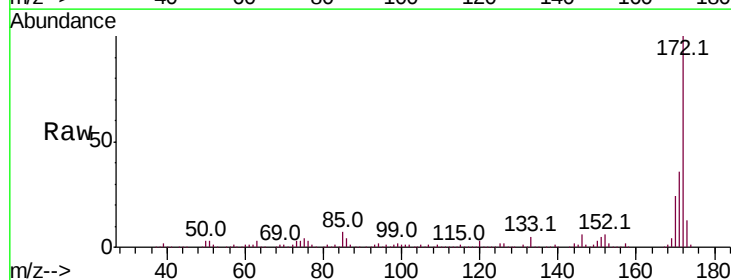
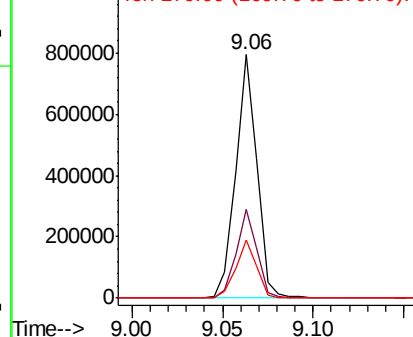
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

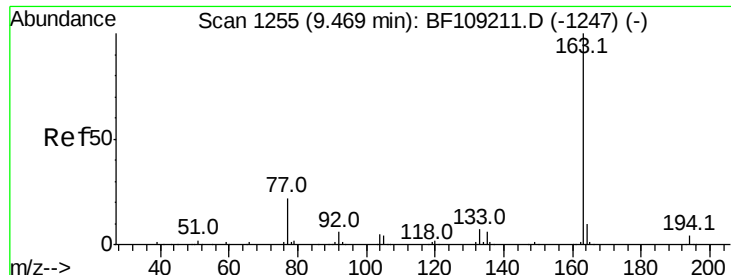


#44
 2-Fluorobiphenyl
 Concen: 67.190 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109402.D
 Acq: 27 Sep 2018 21:54

Tgt Ion	172	Resp	651317
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	23.8	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





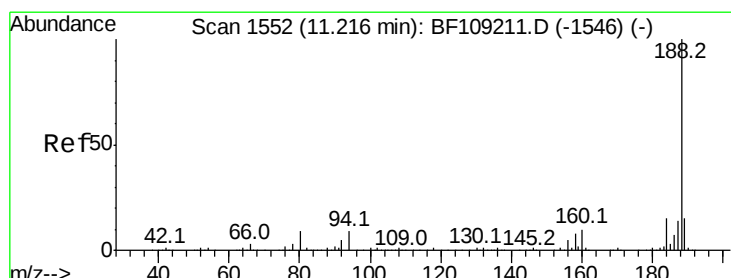
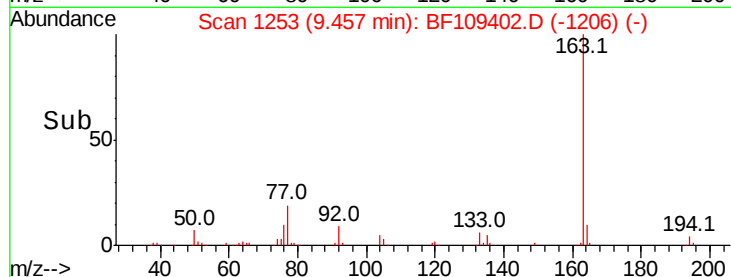
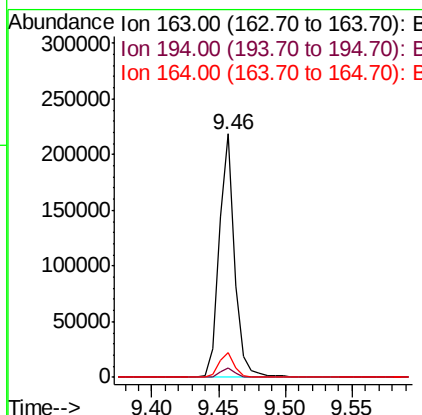
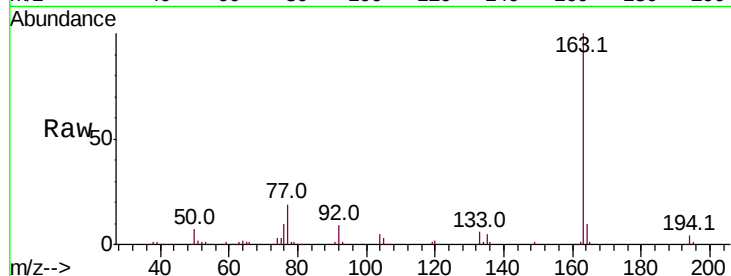
#49
 Dimethylphthalate
 Concen: 16.871 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109402.D
 Acq: 27 Sep 2018 21:54

Instrument :
 BNA_F
 ClientSampled :
 TOP-SOIL

Tot Ion:	163	Resp:	179397
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2

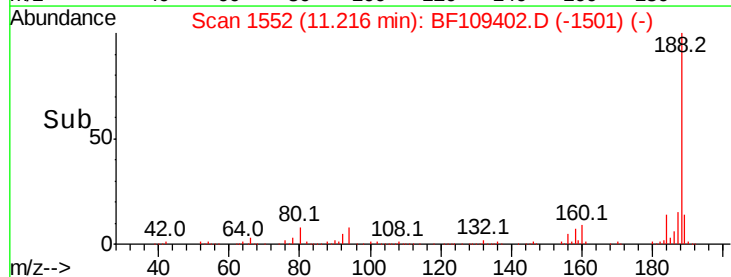
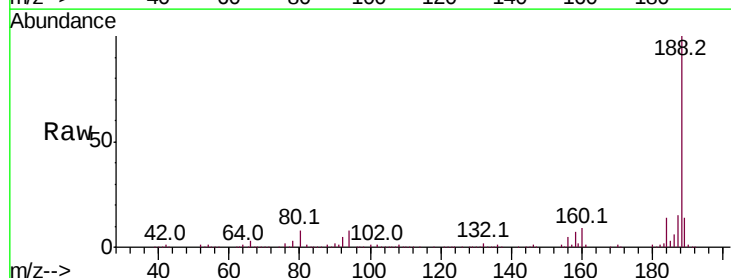
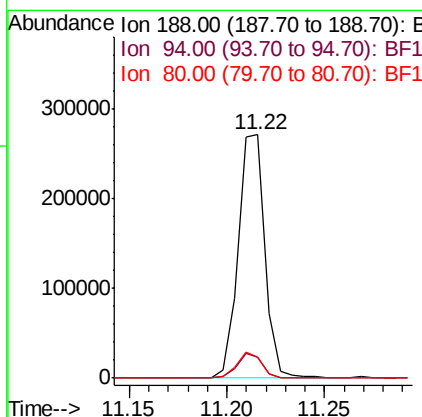
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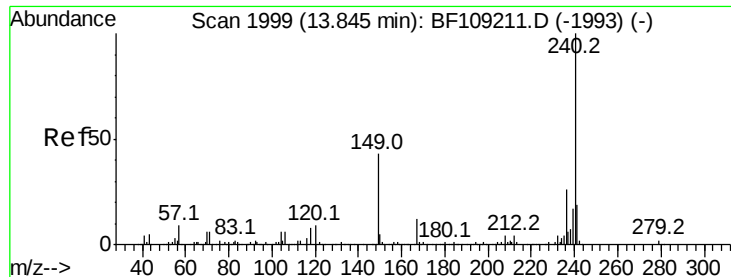
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109402.D
 Acq: 27 Sep 2018 21:54

Tgt Ion:	188	Resp:	256579
Ion Ratio	Lower	Upper	
188	100		
94	8.3	8.5	12.7#
80	8.3	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109402.D

Acq: 27 Sep 2018 21:54

Instrument :

BNA_F

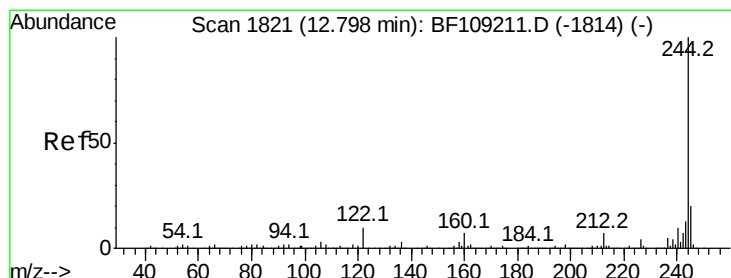
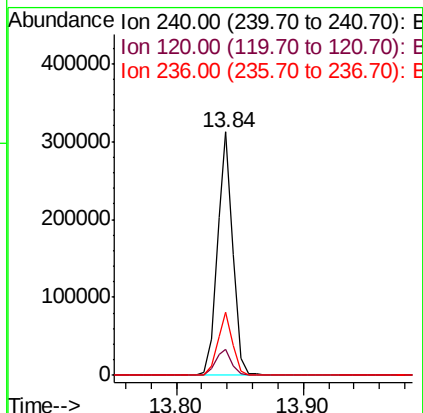
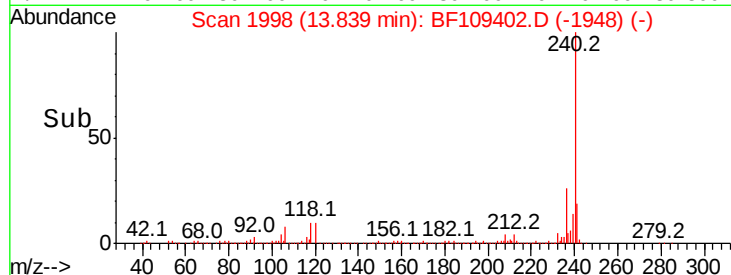
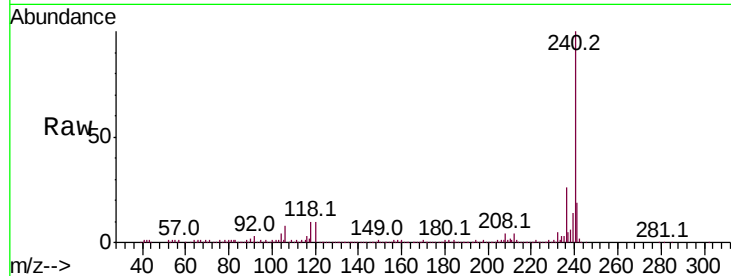
ClientSampleId :

TOP-SOIL

Tot Ion:	240	Resp:	264828
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	25.8	20.7	31.1

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#78

Terphenyl-d14

Concen: 53.808 ng

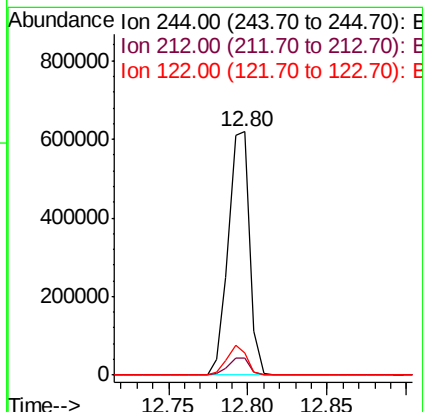
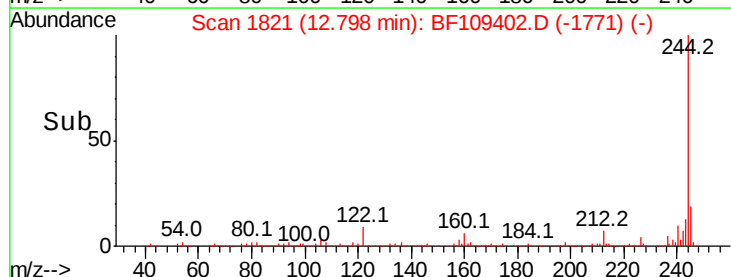
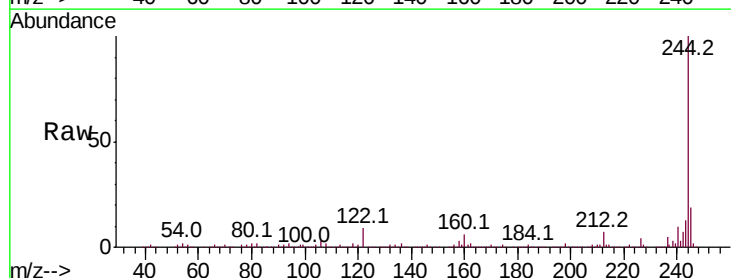
RT: 12.80 min Scan# 1821

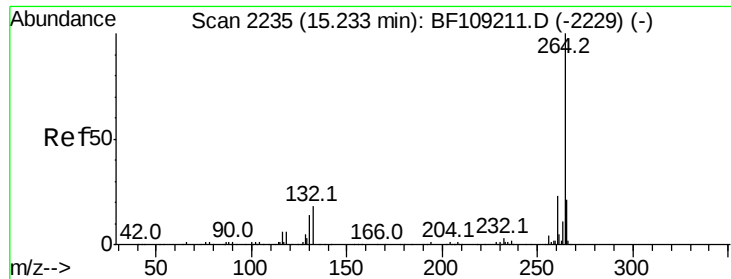
Delta R.T. -0.01 min

Lab File: BF109402.D

Acq: 27 Sep 2018 21:54

Tgt Ion:	244	Resp:	580639
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	9.3	11.0	16.4#





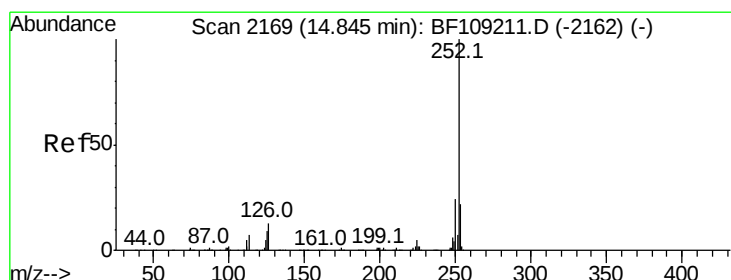
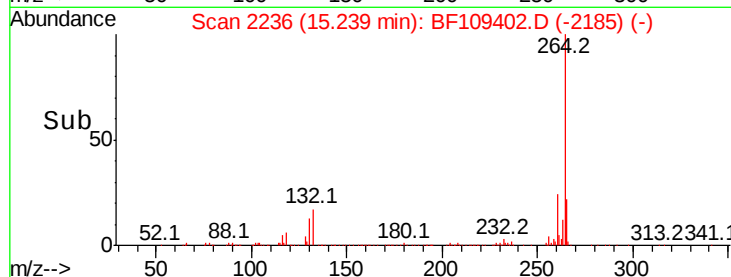
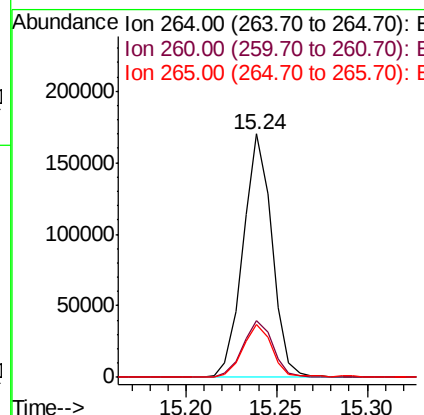
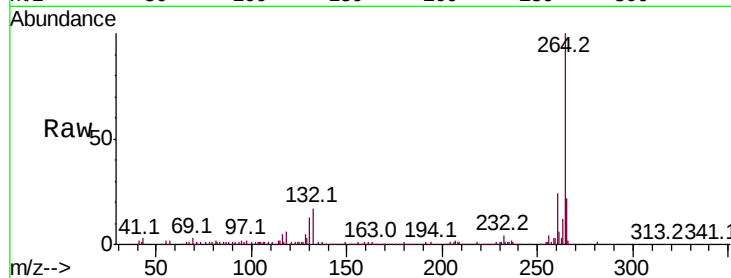
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109402.D
Acq: 27 Sep 2018 21:54

Instrument :
BNA_F
ClientSampleId :
TOP-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	17.5	26.3

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#87
Benzo(b)fluoranthene
Concen: 2.732 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109402.D
Acq: 27 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	14.8	9.0	13.6

