

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091052.D
 Acq On : 7 Nov 2016 13:37
 Operator : UM/SJ
 Sample : H5524-15DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Manual Integrations
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 11/8/2016 4:31:41 PM

Quant Time: Nov 07 17:51:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	166509	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	693000	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	394197	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	597546	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	561126	20.00	ng	-0.03
86) Perylene-d12	15.20	264	449624	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	122482	12.15	ng	-0.03
7) Phenol-d6	6.32	99	186420	13.62	ng	-0.03
23) Nitrobenzene-d5	7.24	82	107798	8.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	33979	9.53	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	203955	8.91	ng	-0.03
78) Terphenyl-d14	12.77	244	198333	8.82	ng	-0.03
Target Compounds						Qvalue
8) 2-Chlorophenol	6.45	128	269980	22.45	ng	93
10) Phenol	6.33	94	460699	30.42	ng	# 58
11) bis(2-Chloroethyl)ether	6.41	93	178341	13.97	ng	97
12) 1,3-Dichlorobenzene	6.60	146	196034m	16.12	ng	
13) 1,4-Dichlorobenzene	6.68	146	144461m	11.07	ng	
14) 1,2-Dichlorobenzene	6.84	146	146626	12.24	ng	98
18) Hexachloroethane	7.18	117	23316	4.62	ng	98
24) Nitrobenzene	7.25	77	168363	12.00	ng	# 89
25) Isophorone	7.49	82	636480	26.00	ng	95
29) 2,4-Dichlorophenol	7.82	162	120669	14.08	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	110711	11.49	ng	98
31) Naphthalene	7.97	128	417042	12.58	ng	99
34) Hexachlorobutadiene	8.10	225	73390	14.11	ng	99
37) 2-Methylnaphthalene	8.67	142	226635	10.64	ng	98
48) Acenaphthylene	9.57	152	371800	10.92	ng	97
51) Acenaphthene	9.74	154	176229	8.24	ng	98
55) 4-Nitrophenol	9.86	139	29040	11.89	ng	96
57) Fluorene	10.26	166	228698	9.72	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	245399	22.92	ng	97
67) Hexachlorobenzene	10.81	284	31321	4.57	ng	# 89
70) Phenanthrene	11.22	178	574259	18.08	ng	98
71) Anthracene	11.27	178	445218	13.18	ng	98
74) Fluoranthene	12.40	202	432540	13.13	ng	96
77) Pyrene	12.63	202	306388	8.34	ng	97
80) Benzo(a)anthracene	13.81	228	95183	2.99	ng	97
82) Chrysene	13.85	228	174802	5.56	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	469309	19.73	ng	# 96
84) Di-n-octyl phthalate	14.43	149	788363	20.16	ng	95
85) Indeno(1,2,3-cd)pyrene	16.50	276	147619	5.66	ng	99
87) Benzo(b)fluoranthene	14.82	252	187209	6.14	ng	99
90) Dibenzo(a,h)anthracene	16.50	278	187108	8.15	ng	98
91) Benzo(a,h,i)perylene	16.88	276	86221	4.15	ng	95

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Quant Time: Nov 07 17:51:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

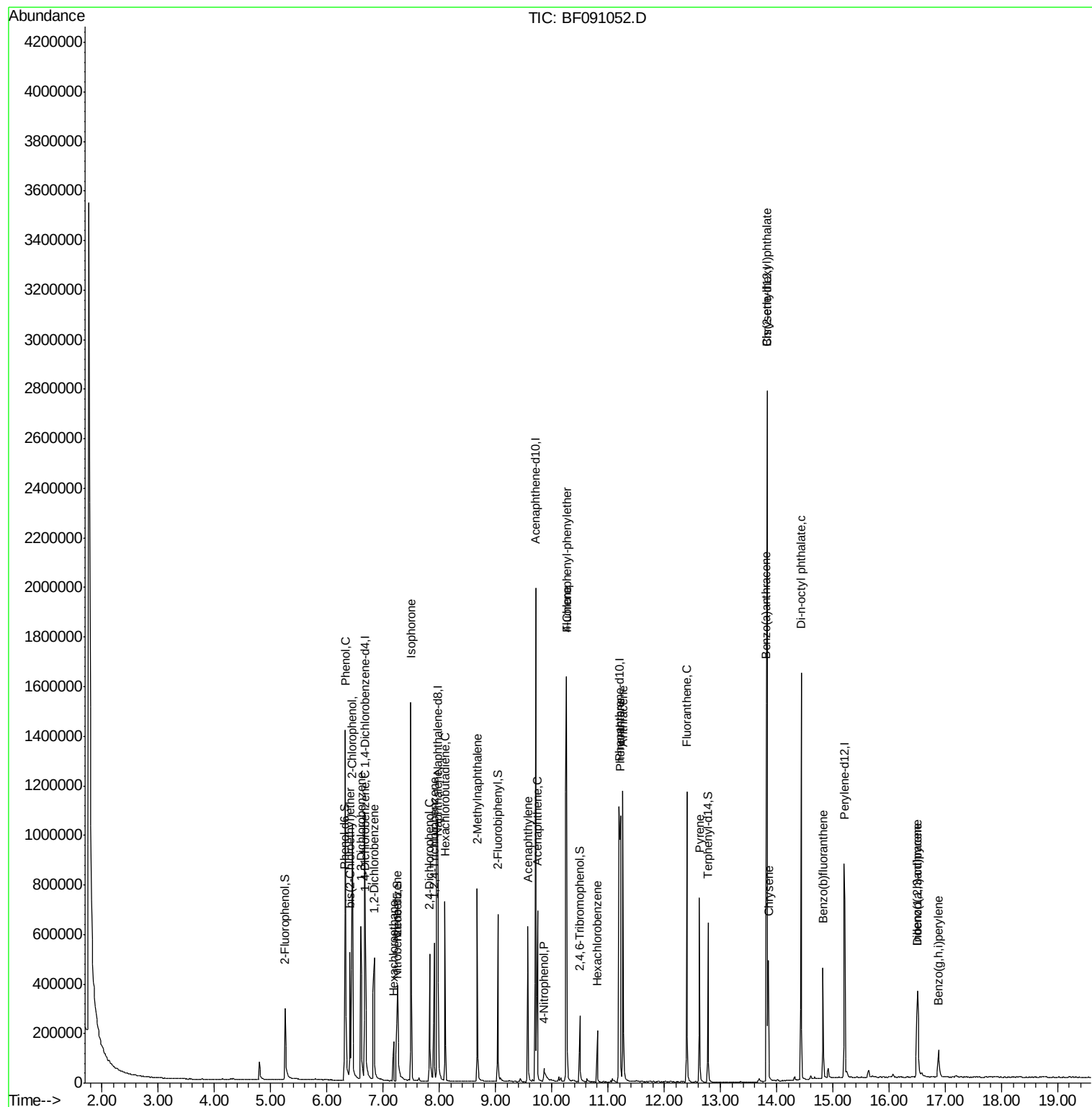
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091052.D
Acq On : 7 Nov 2016 13:37
Operator : UM/SJ
Sample : H5524-15DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

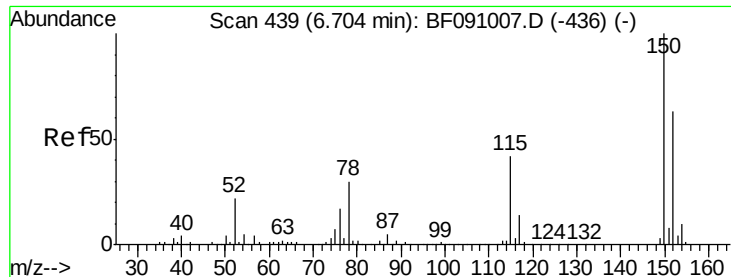
Instrument :
BNA_F
ClientSampled :
PT-BNA-SOILD

Manual Integrations
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Quant Time: Nov 07 17:51:16 2016
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#1

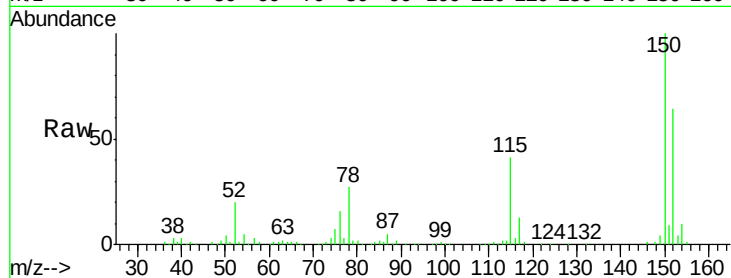
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Instrument :
BNA_F
ClientSampled :
PT-BNA-SOILD

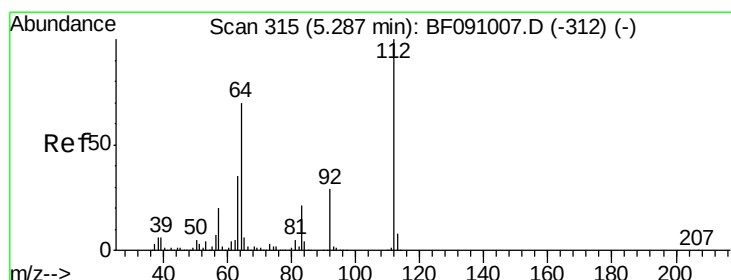
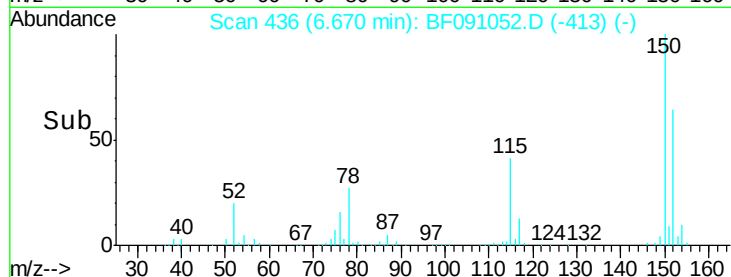
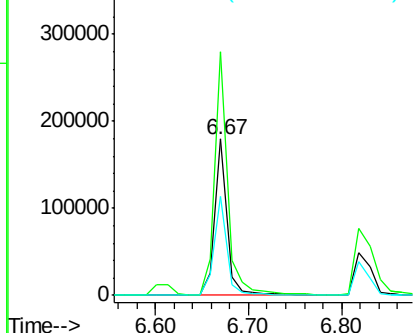
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.8	190.2
115	63.2	53.3	79.9

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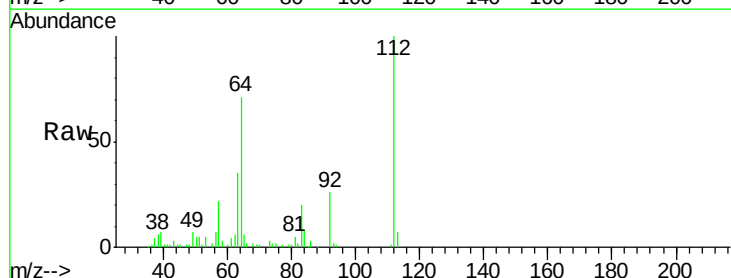
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



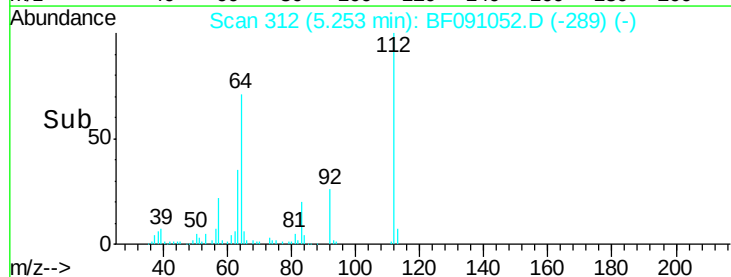
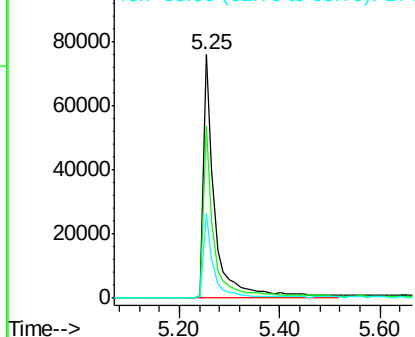
#5

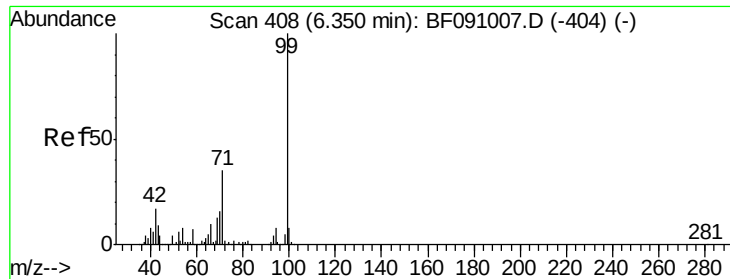
2-Fluorophenol
Concen: 12.15 ng
RT: 5.25 min Scan# 312
Delta R.T. -0.03 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	55.8	83.6
63	34.8	28.0	42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.62 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Instrument :

BNA_F

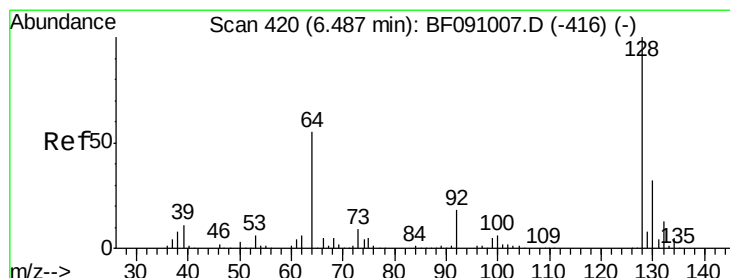
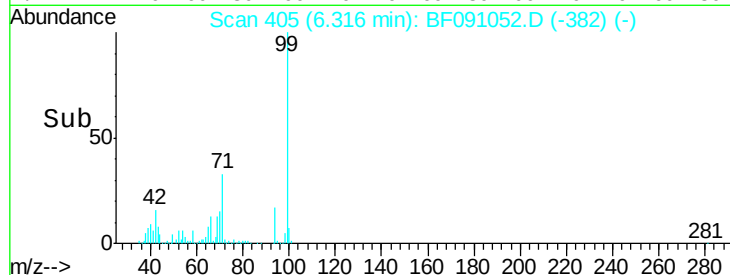
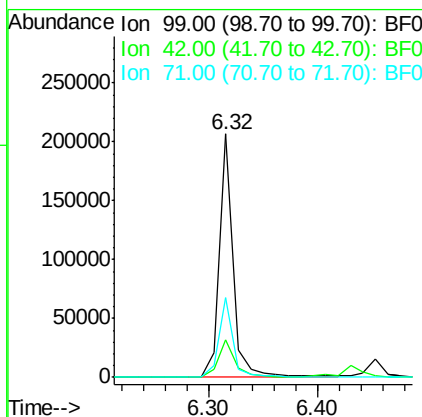
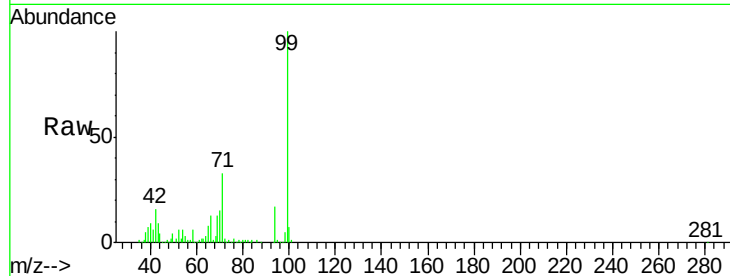
ClientSampleId :

PT-BNA-SOILDL

Tot Ion:	99	Resp:	186420
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.9	20.9
71	33.0	27.8	41.8

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#8

2-Chlorophenol

Concen: 22.45 ng

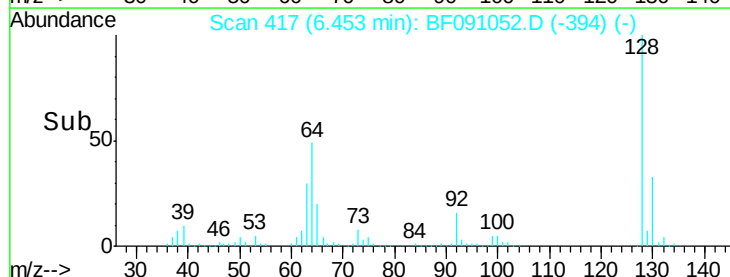
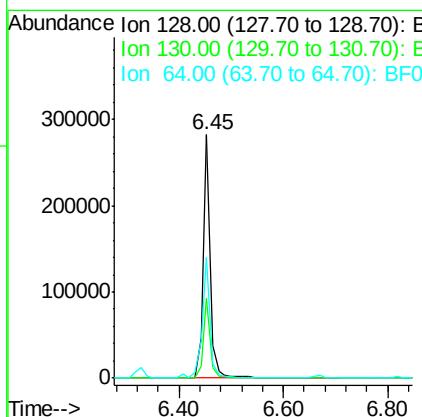
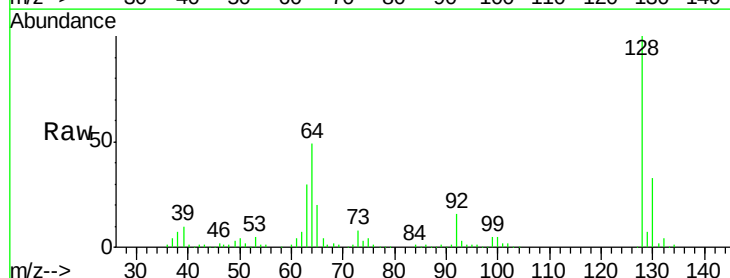
RT: 6.45 min Scan# 417

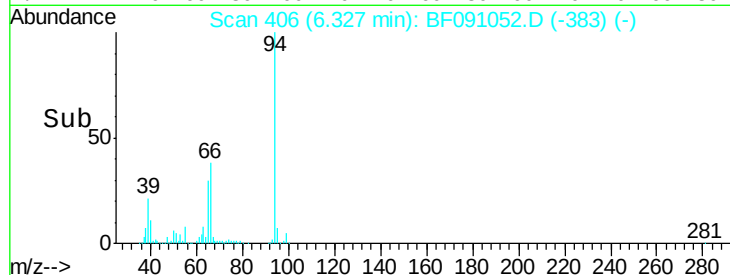
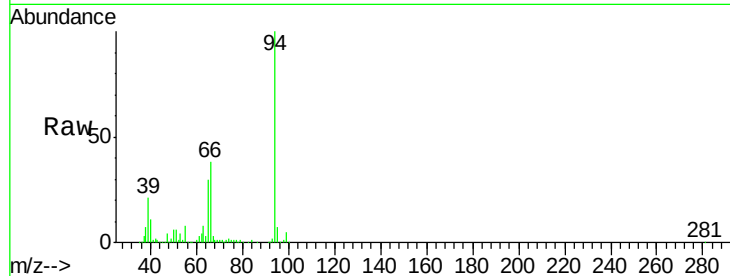
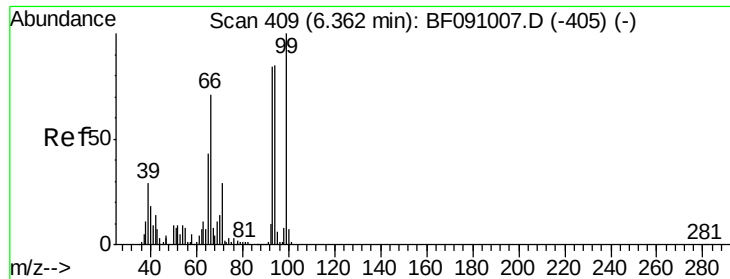
Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Tgt Ion:	128	Resp:	269980
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.0	52.0
64	49.5	37.2	77.2





#10

Phenol

Concen: 30.42 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Tot Ion:	94	Resp:	460699
Ion	Ratio	Lower	Upper
94	100		
65	29.9	30.4	70.4#
66	37.9	62.9	102.9#

Instrument :

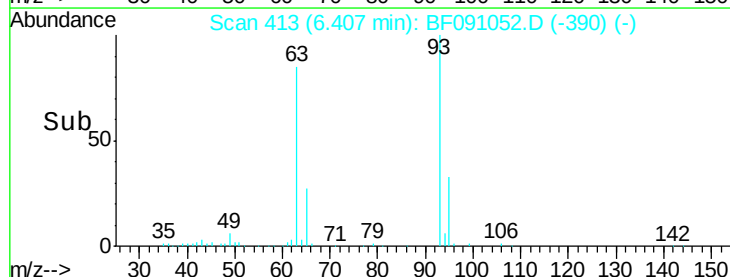
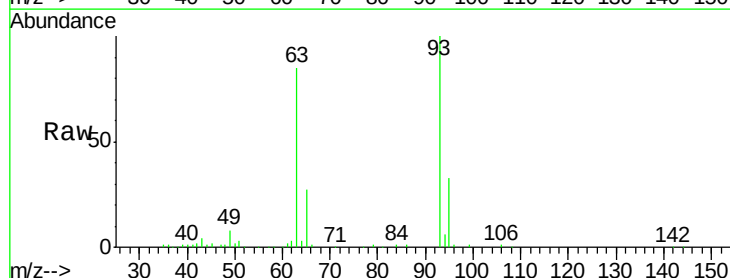
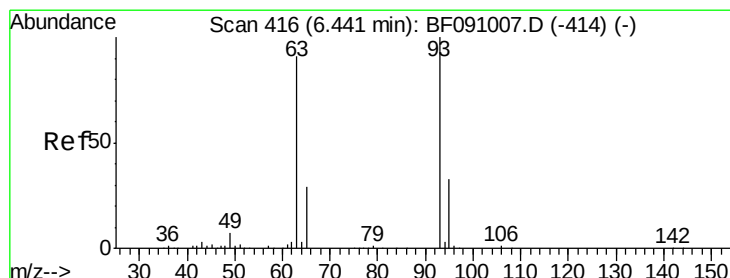
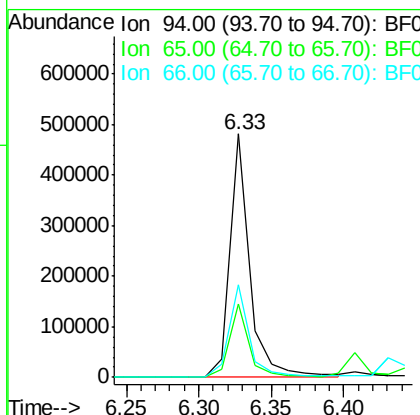
BNA_F

ClientSampleId :

PT-BNA-SOILD

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#11

bis(2-Chloroethyl)ether

Concen: 13.97 ng

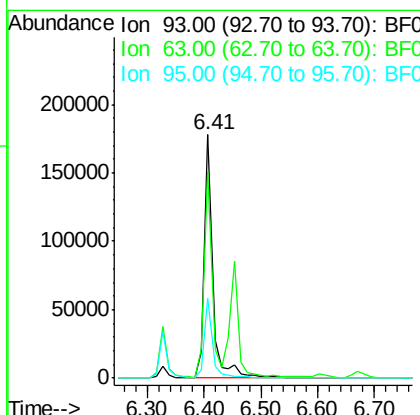
RT: 6.41 min Scan# 413

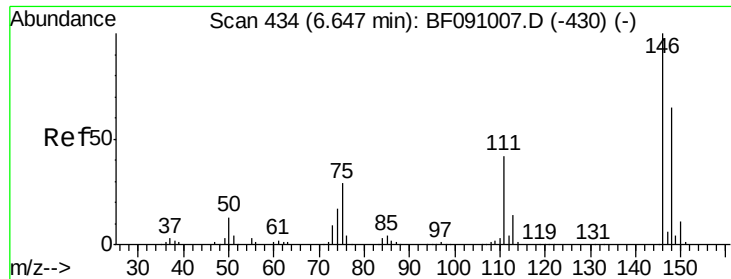
Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Tgt Ion:	93	Resp:	178341
Ion	Ratio	Lower	Upper
93	100		
63	84.8	68.9	108.9
95	32.7	12.3	52.3





#12

1,3-Dichlorobenzene

Concen: 16.12 ng m

RT: 6.60 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Instrument :

BNA_F

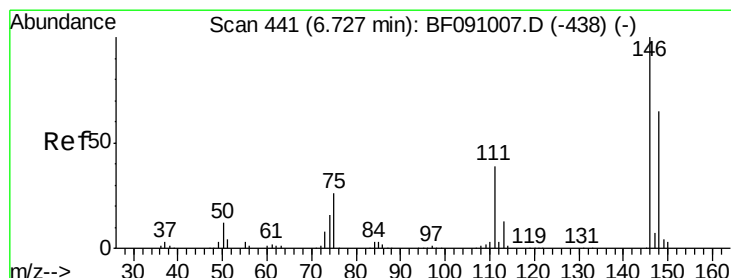
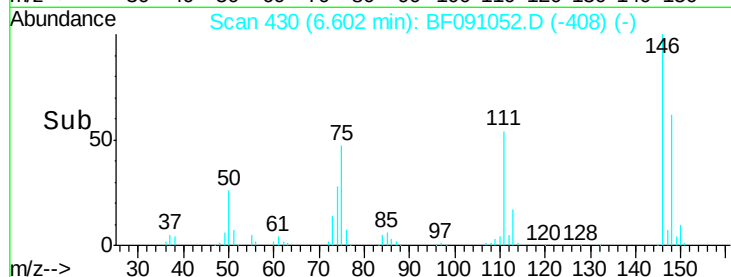
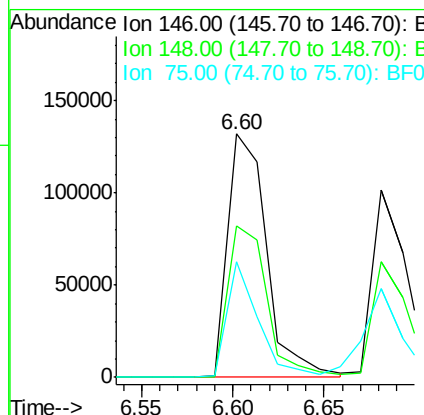
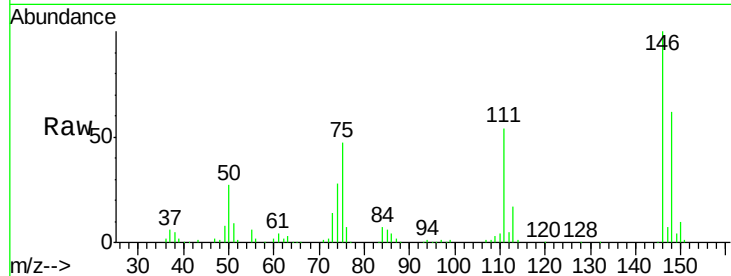
ClientSampleId :

PT-BNA-SOILDL

Tot Ion:	146	Resp:	196034
Ion Ratio	Lower	Upper	
146	100		
148	62.0	52.0	78.0
75	47.4	23.0	34.6#

Manual Integrations
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#13

1,4-Dichlorobenzene

Concen: 11.07 ng m

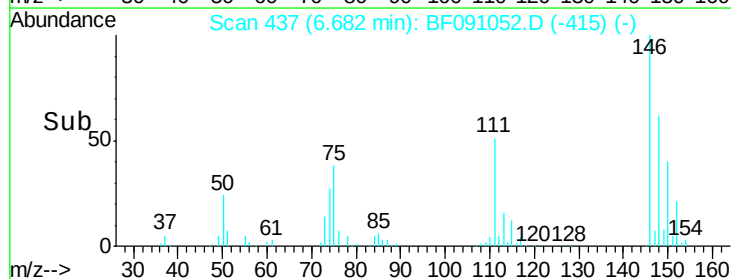
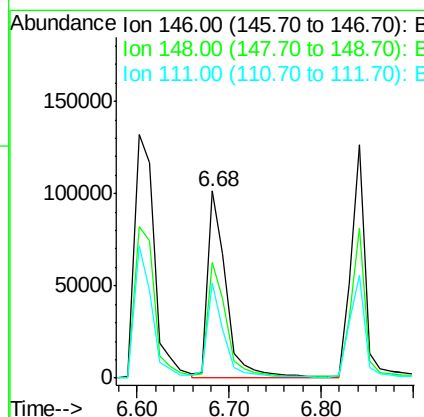
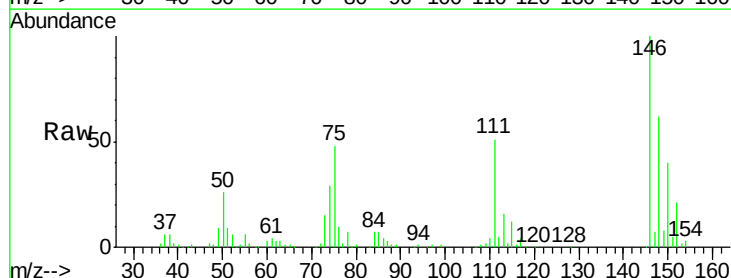
RT: 6.68 min Scan# 437

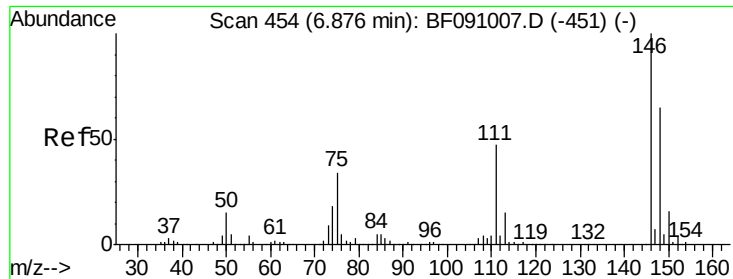
Delta R.T. -0.05 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Tgt Ion:	146	Resp:	144461
Ion Ratio	Lower	Upper	
146	100		
148	61.6	52.1	78.1
111	51.0	31.6	47.4#





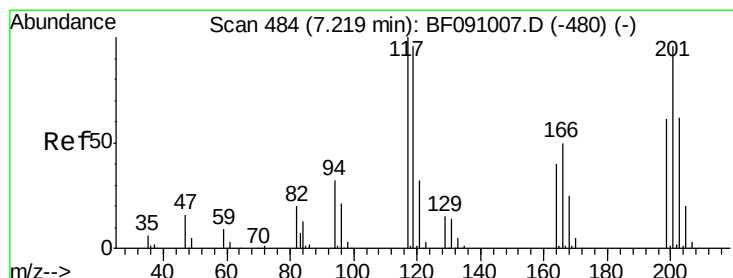
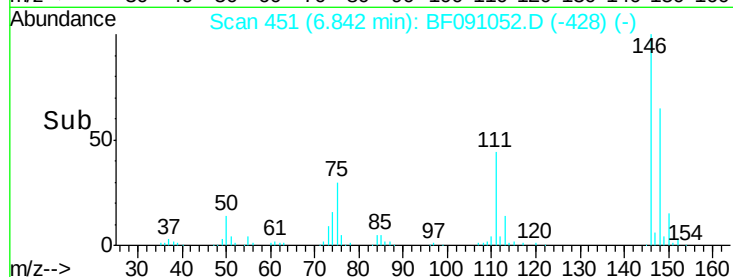
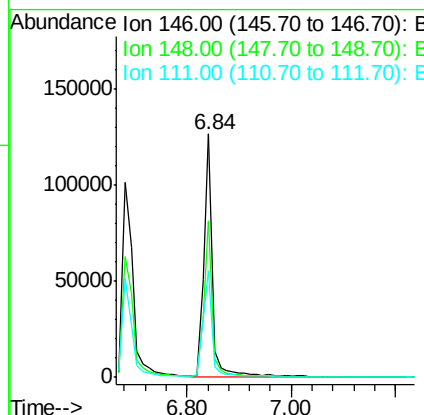
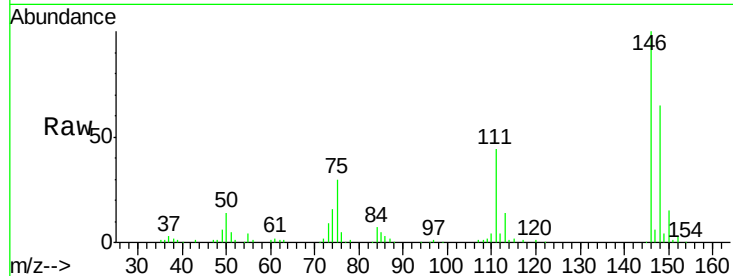
#14
 1,2-Dichlorobenzene
 Concen: 12.24 ng
 RT: 6.84 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Instrument :
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 PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	43.9	37.3	55.9

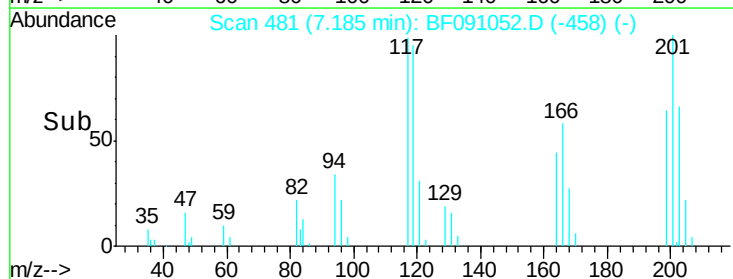
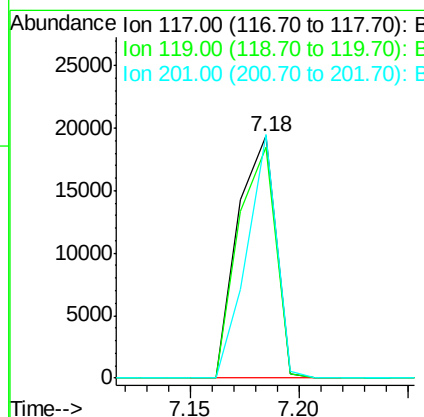
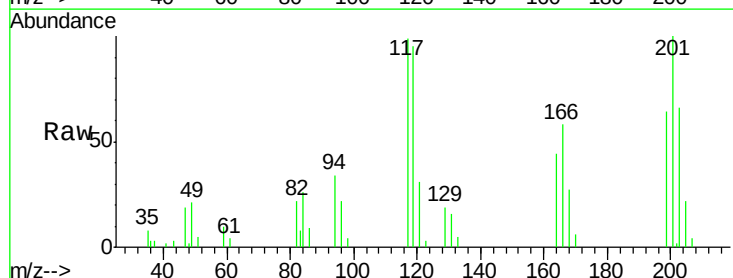
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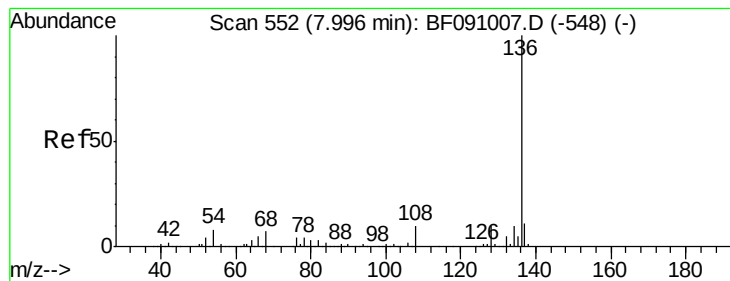
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#18
 Hexachloroethane
 Concen: 4.62 ng
 RT: 7.18 min Scan# 481
 Delta R.T. -0.03 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.6	115.0
201	100.5	77.1	115.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Instrument :

BNA_F

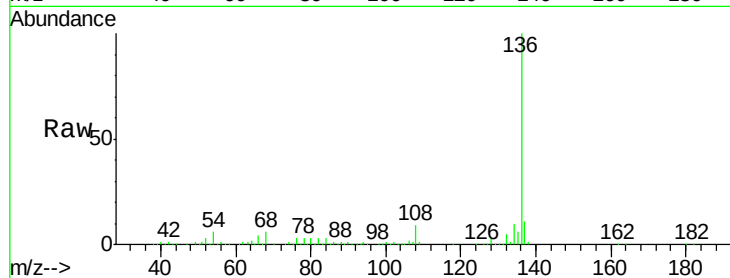
ClientSampleId :

PT-BNA-SOILDL

Tot Ion	Ratio	Resp	Lower	Upper
136	100	693000		
137	10.7	8.9	13.3	
54	6.0	6.2	9.2	
68	5.5	5.5	8.3	

Manual Integrations
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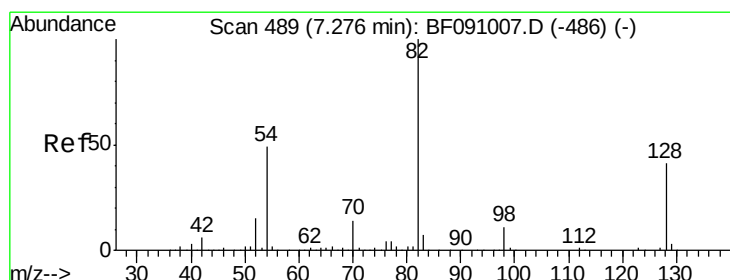
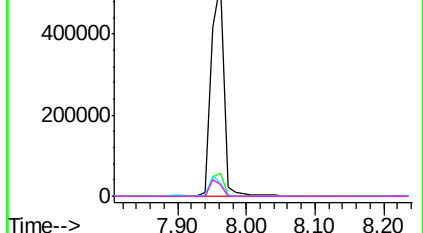
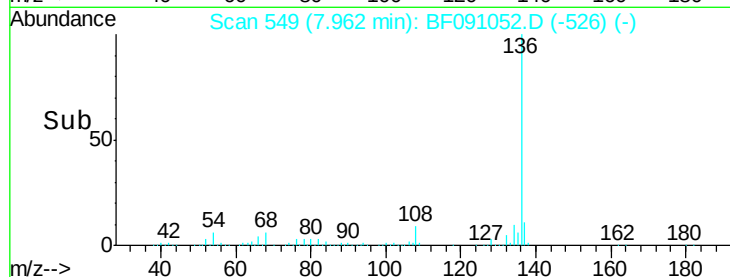


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 8.49 ng

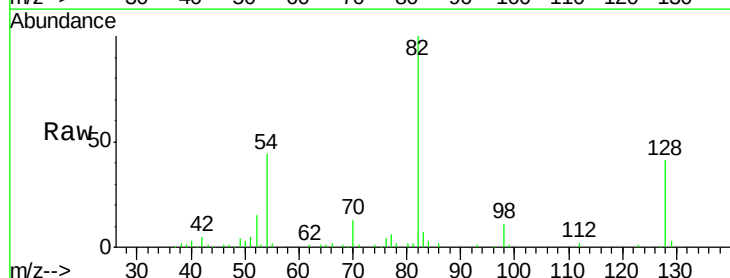
RT: 7.24 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

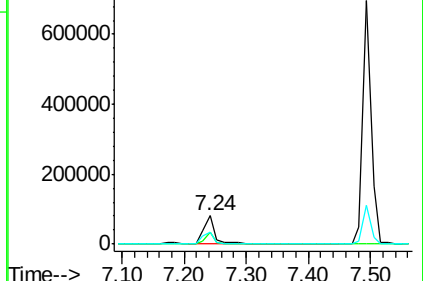
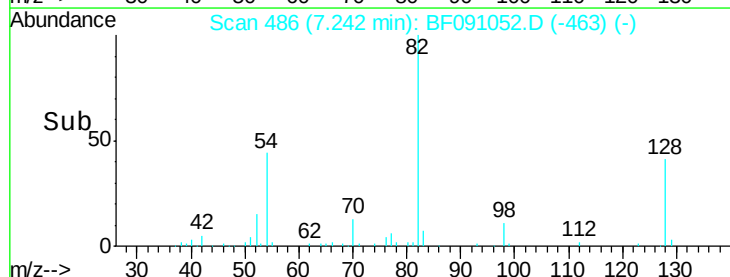
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	107798		
128	41.4	32.4	48.6	
54	43.7	39.2	58.8	

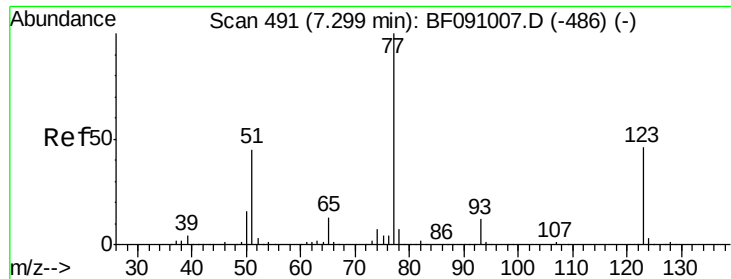


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





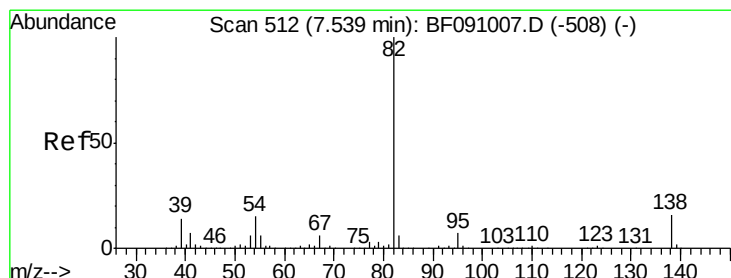
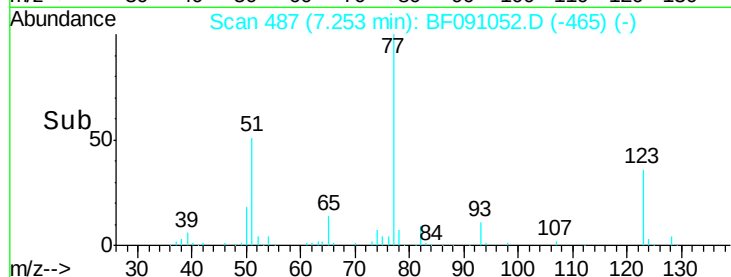
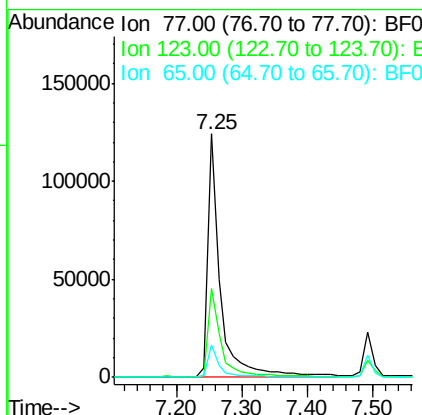
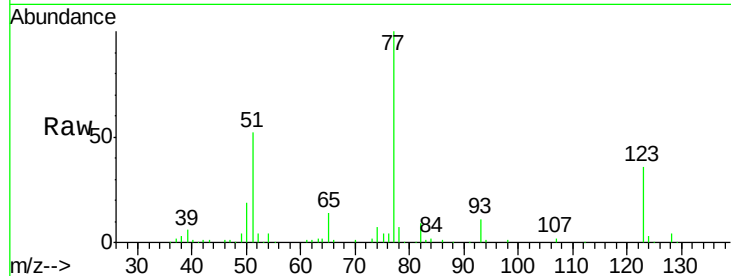
#24
 Nitrobenzene
 Concen: 12.00 ng
 RT: 7.25 min Scan# 487
 Delta R.T. -0.05 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
77	100		
123	36.4	36.5	54.7#
65	13.5	10.7	16.1

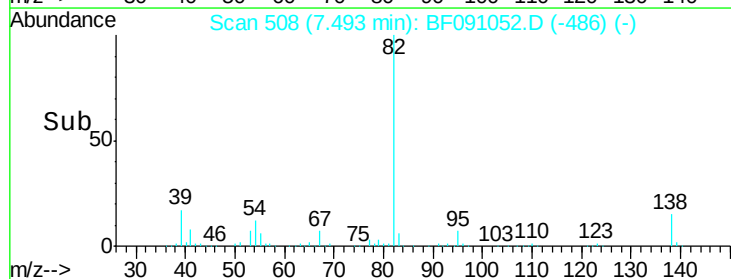
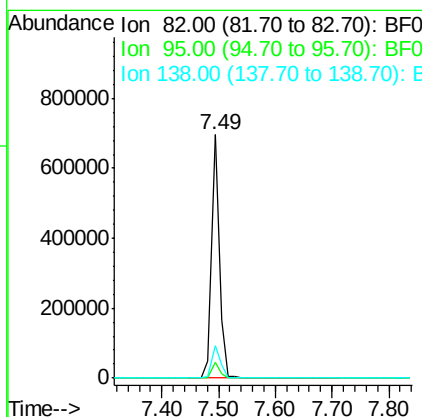
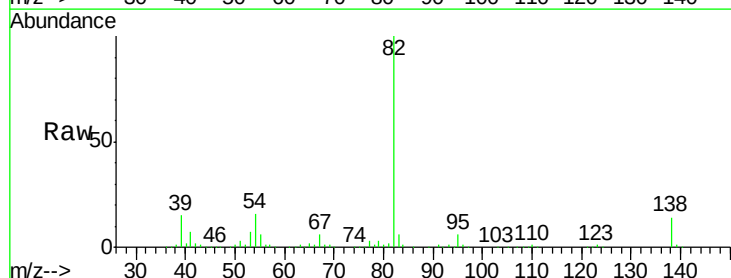
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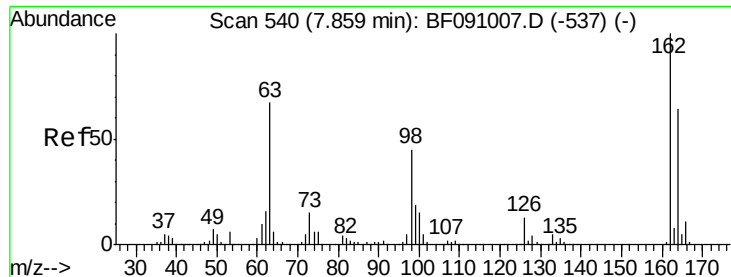
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#25
 Isophorone
 Concen: 26.00 ng
 RT: 7.49 min Scan# 508
 Delta R.T. -0.05 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.4	8.0
138	13.6	13.0	19.4





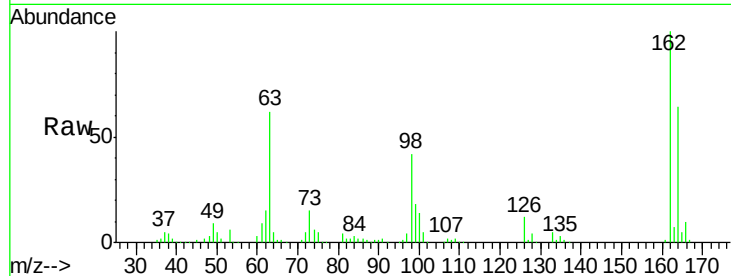
#29
 2,4-Dichlorophenol
 Concen: 14.08 ng
 RT: 7.82 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Instrument :
 BNA_F
 ClientSampled :
 PT-BNA-SOILD

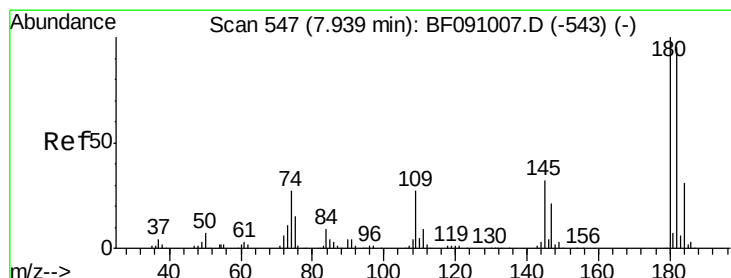
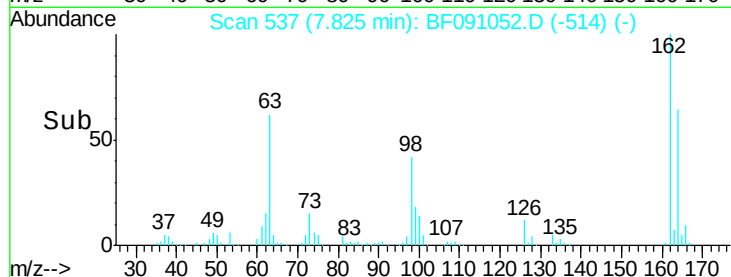
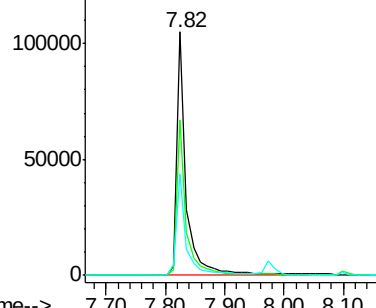
Tot Ion:	162	Resp:	120669
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.4	84.4
98	41.7	25.2	65.2

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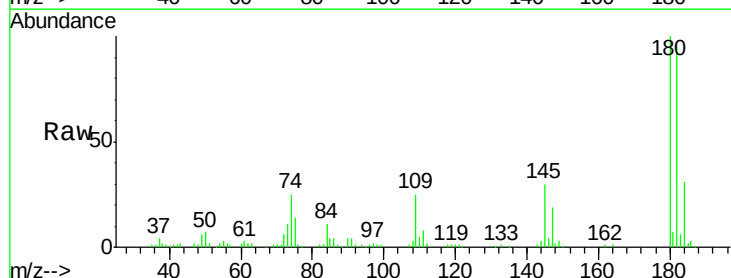


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

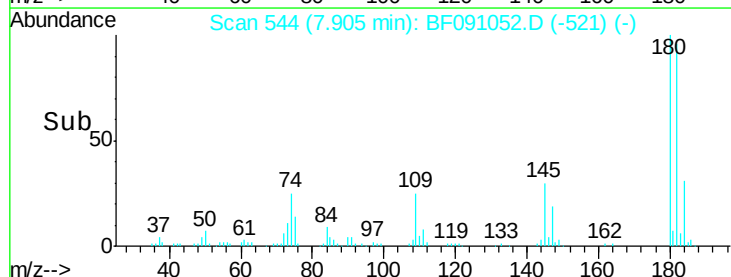
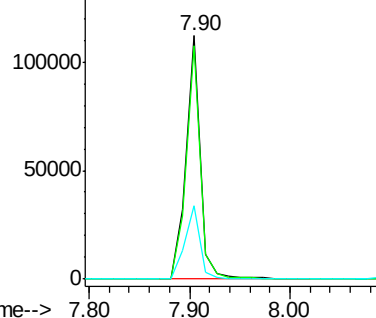


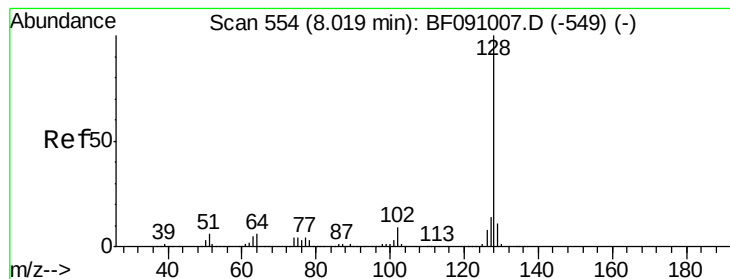
#30
 1,2,4-Trichlorobenzene
 Concen: 11.49 ng
 RT: 7.90 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Tgt Ion:	180	Resp:	110711
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.0	114.0
145	30.2	25.8	38.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 12.58 ng

RT: 7.97 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Instrument :

BNA_F

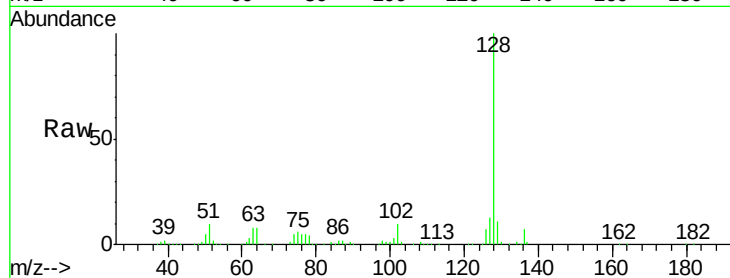
ClientSampleId :

PT-BNA-SOILD

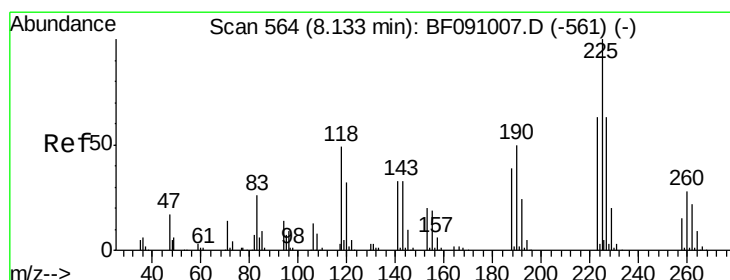
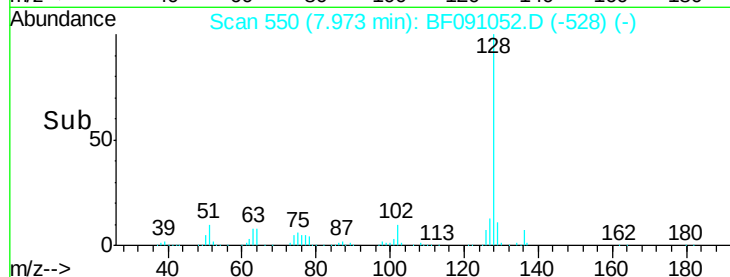
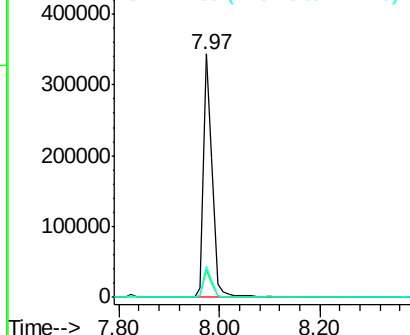
Tot Ion:	128	Resp:	417042
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	12.7	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

Hexachlorobutadiene

Concen: 14.11 ng

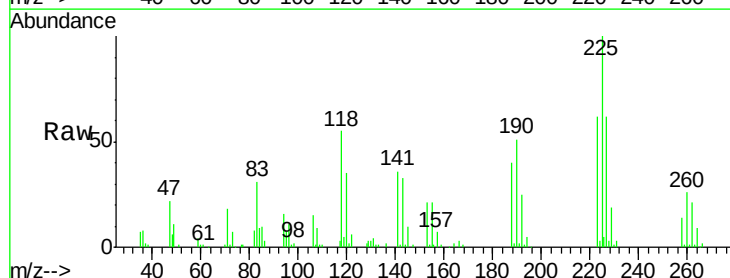
RT: 8.10 min Scan# 561

Delta R.T. -0.03 min

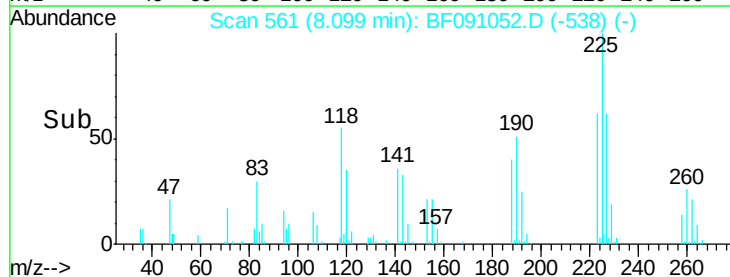
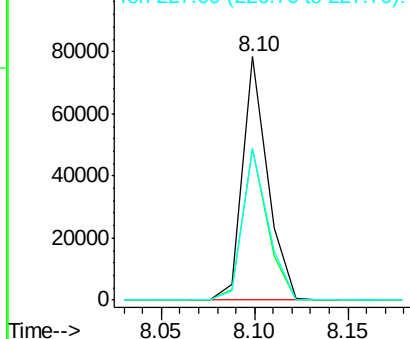
Lab File: BF091052.D

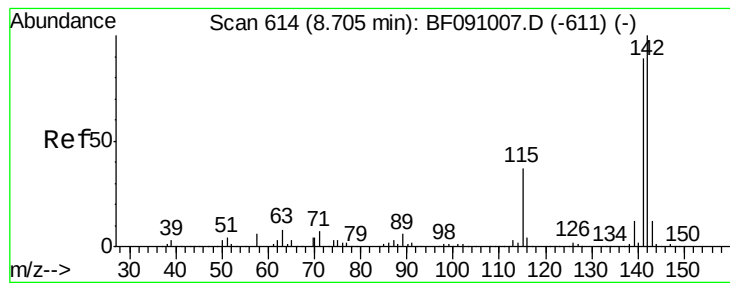
Acq: 7 Nov 2016 13:37

Tgt Ion:	225	Resp:	73390
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.4	75.6
227	62.2	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





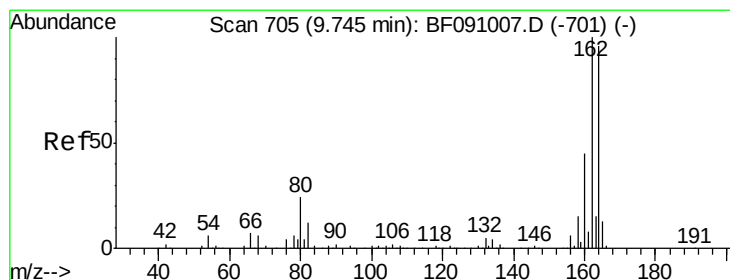
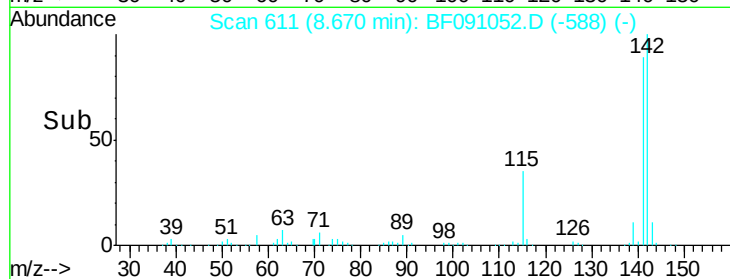
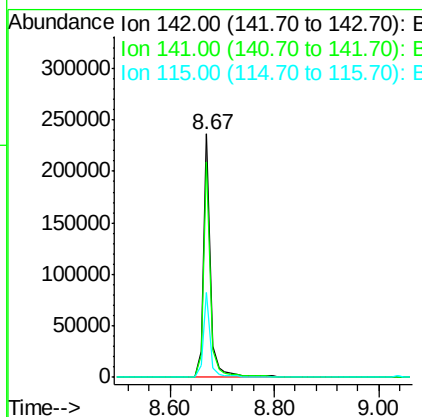
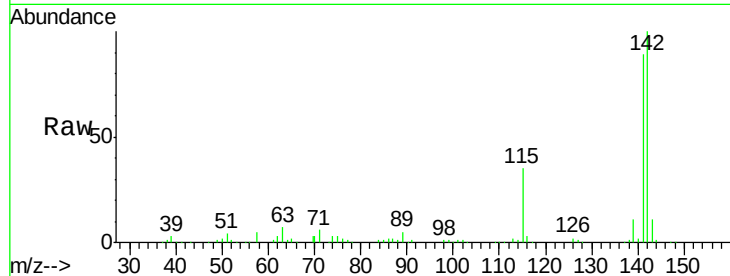
#37
2-Methylnaphthalene
Concen: 10.64 ng
RT: 8.67 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	34.8	29.9	44.9

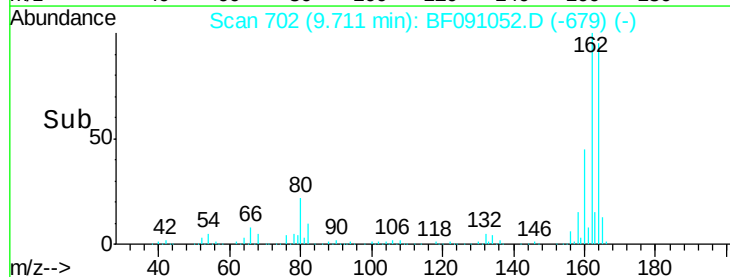
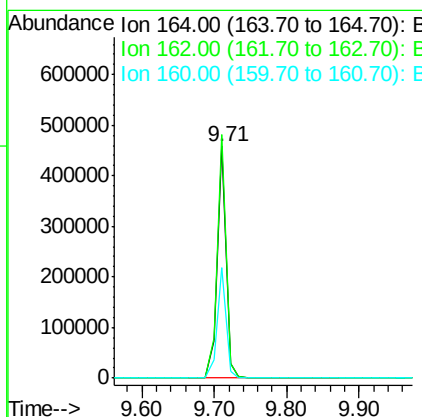
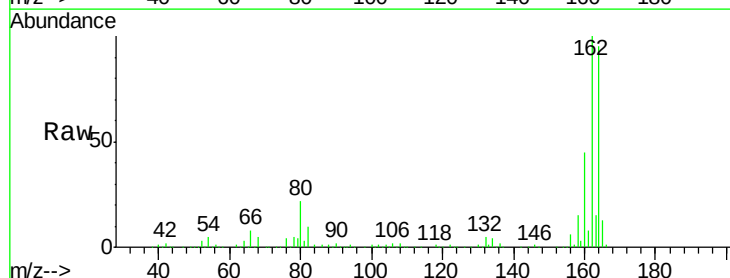
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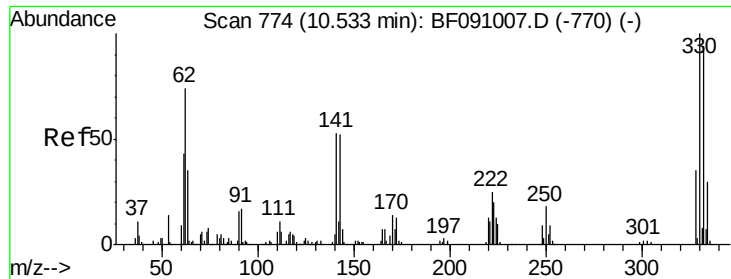
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.6	125.4
160	47.8	37.9	56.9





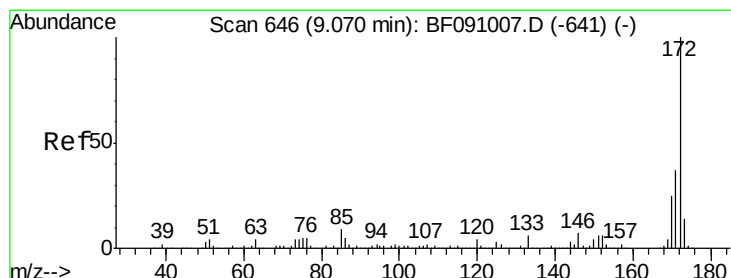
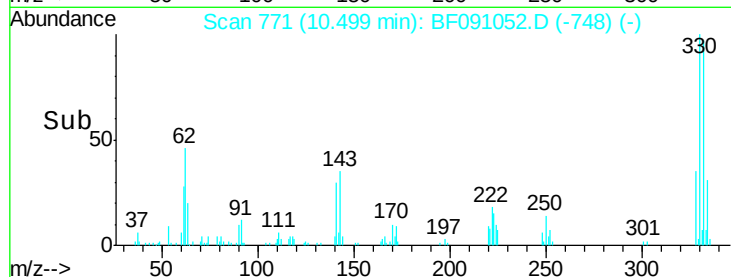
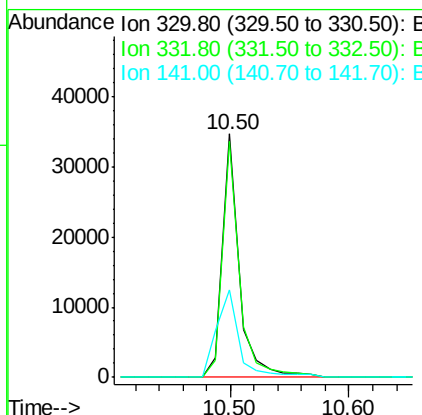
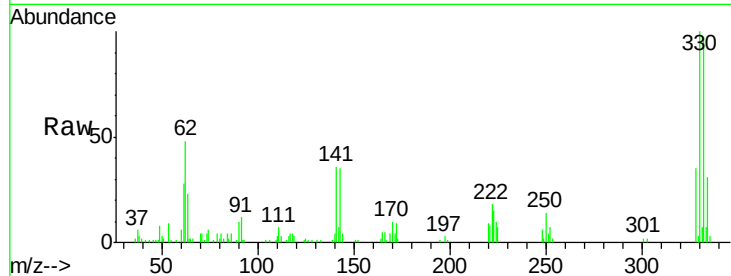
#41
 2,4,6-Tribromophenol
 Concen: 9.53 ng
 RT: 10.50 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.9	113.9
141	48.5	36.1	54.1

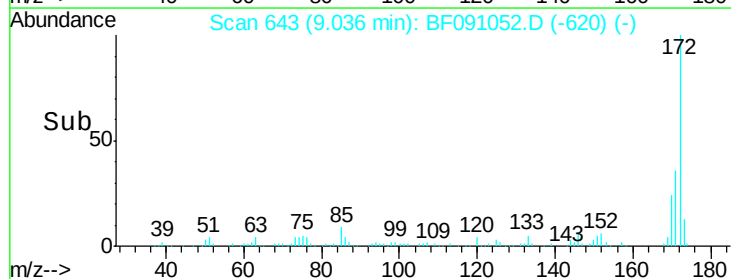
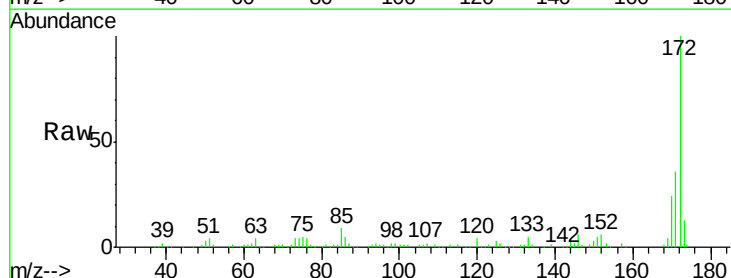
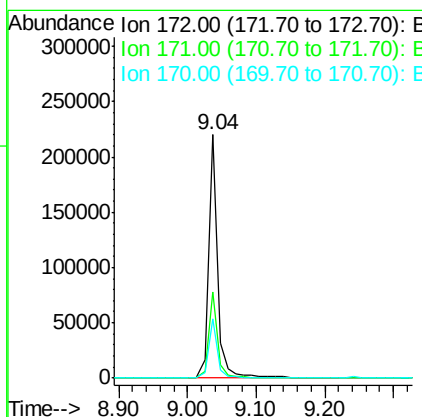
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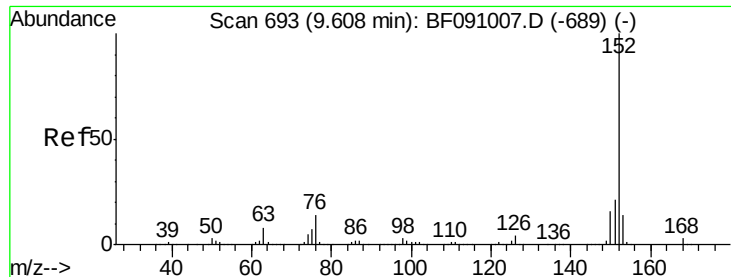
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#44
 2-Fluorobiphenyl
 Concen: 8.91 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.03 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.6
170	24.4	20.3	30.5





#48

Acenaphthylene

Concen: 10.92 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Instrument :

BNA_F

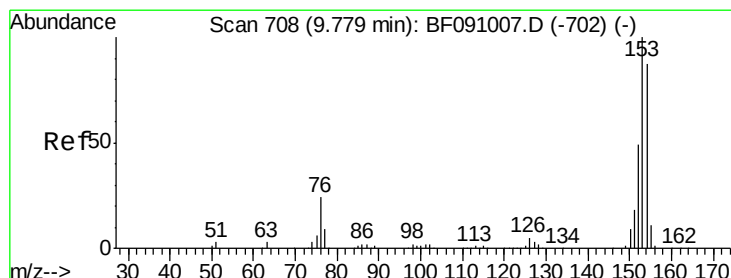
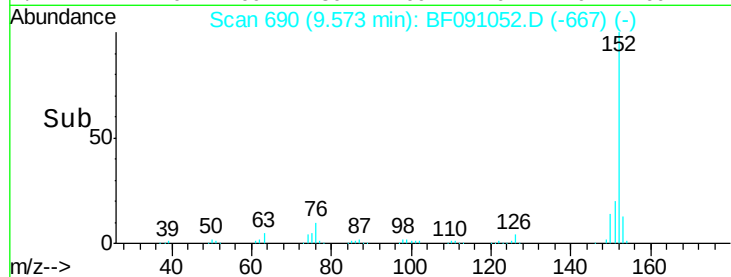
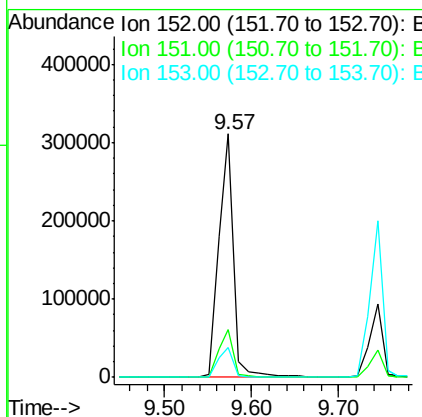
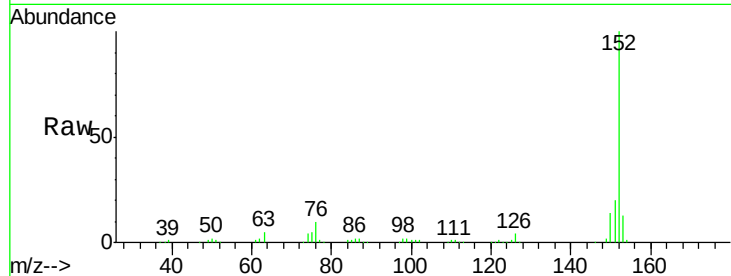
ClientSampleId :

PT-BNA-SOILDL

Tot Ion:	152	Resp:	371800
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.7	25.1
153	12.5	11.1	16.7

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#51

Acenaphthene

Concen: 8.24 ng

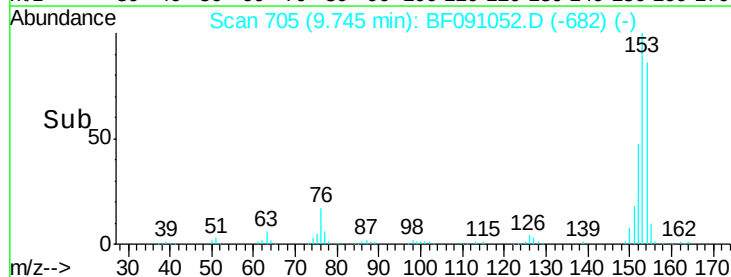
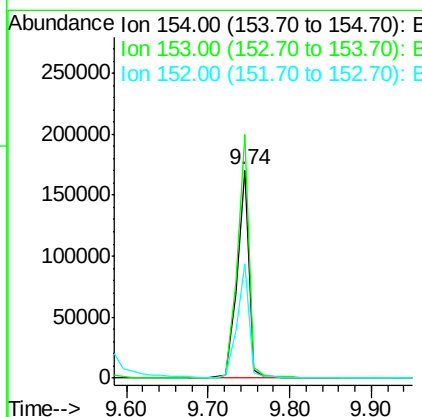
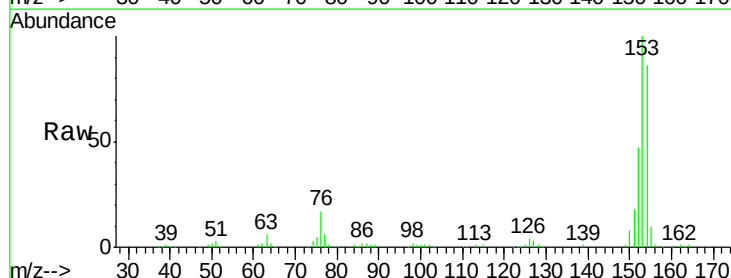
RT: 9.74 min Scan# 705

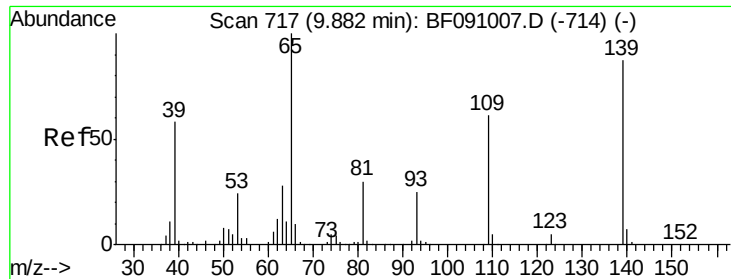
Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Tgt Ion:	154	Resp:	176229
Ion Ratio	Lower	Upper	
154	100		
153	116.9	91.6	137.4
152	54.7	44.6	67.0





#55

4-Nitrophenol

Concen: 11.89 ng

RT: 9.86 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Instrument :

BNA_F

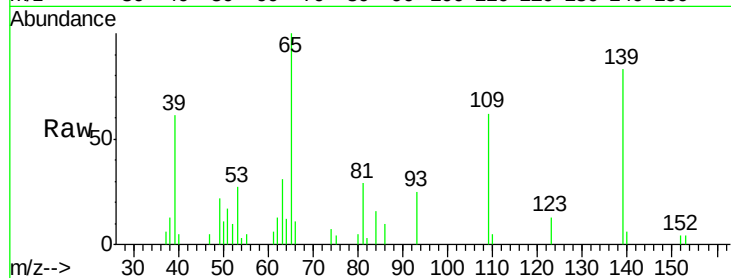
ClientSampleId :

PT-BNA-SOILD

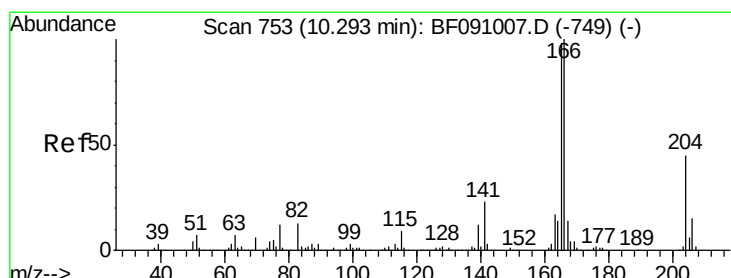
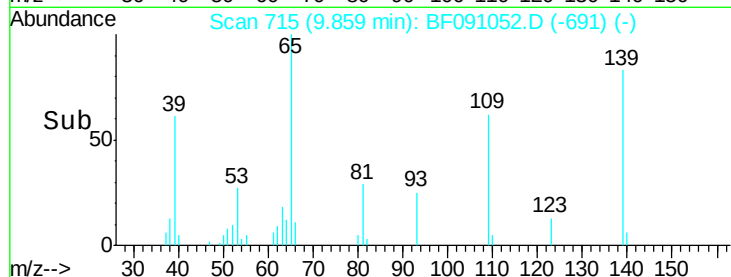
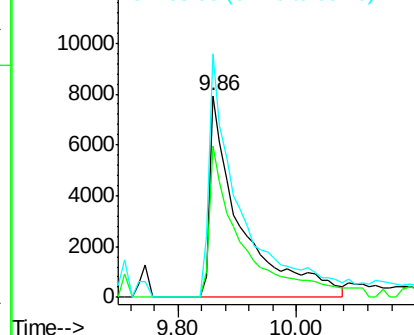
Tot Ion:	139	Resp:	29040
Ion Ratio	Lower	Upper	
139	100		
109	75.1	50.5	90.5
65	120.9	97.1	137.1

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B



#57

Fluorene

Concen: 9.72 ng

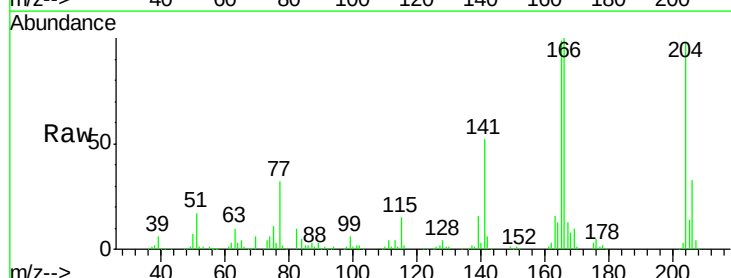
RT: 10.26 min Scan# 750

Delta R.T. -0.03 min

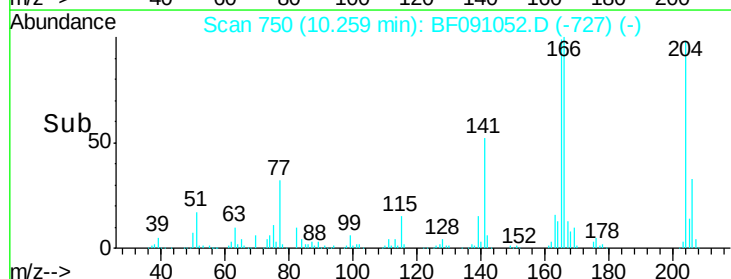
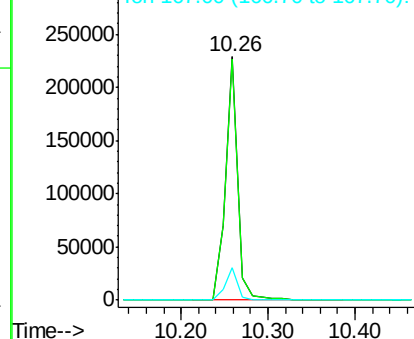
Lab File: BF091052.D

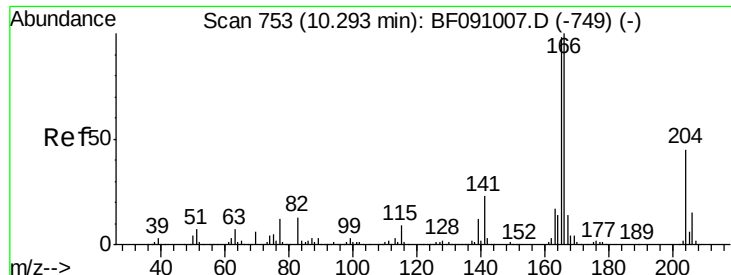
Acq: 7 Nov 2016 13:37

Tgt Ion:	166	Resp:	228698
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.6	118.0
167	13.1	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#60

4-Chlorophenyl-phenylether

Concen: 22.92 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILD

Tot Ion:204 Resp: 245399

Ion Ratio Lower Upper

204 100

206 33.3 27.1 40.7

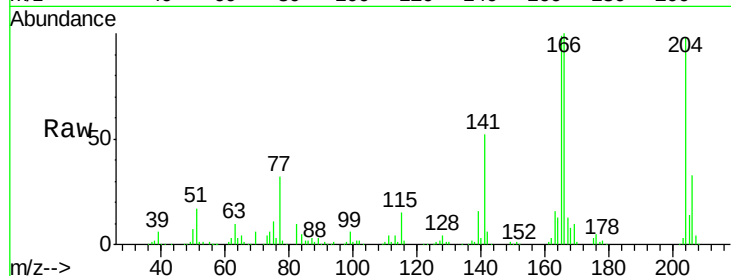
141 52.8 40.1 60.1

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Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.26

250000

200000

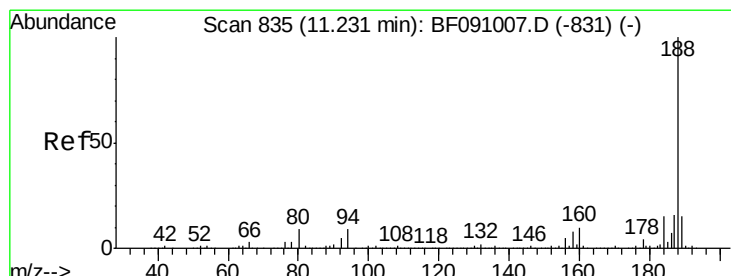
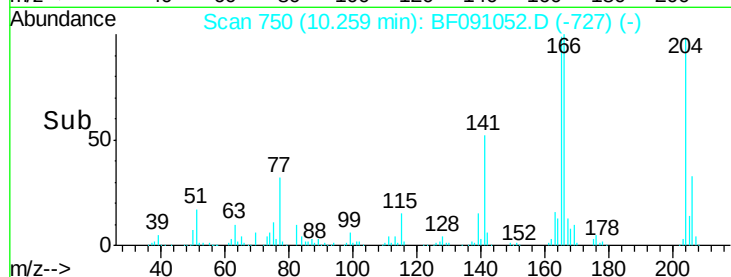
150000

100000

50000

0

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 832

Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

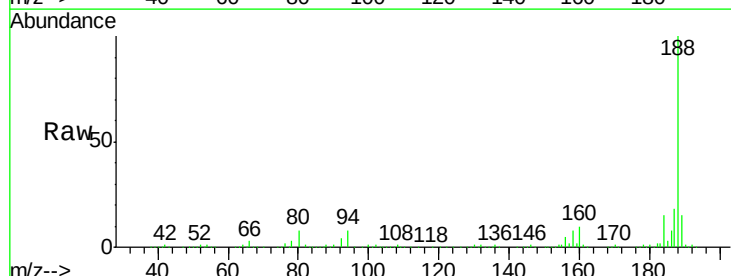
Tgt Ion:188 Resp: 597546

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 8.4 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

600000

500000

400000

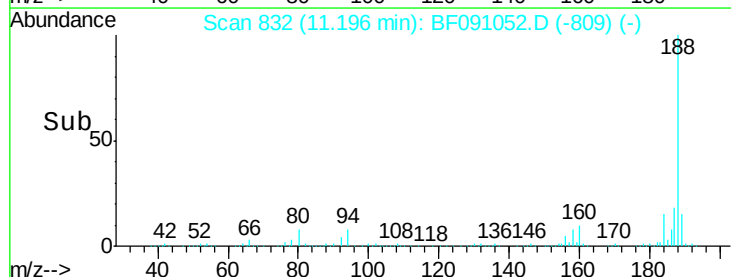
300000

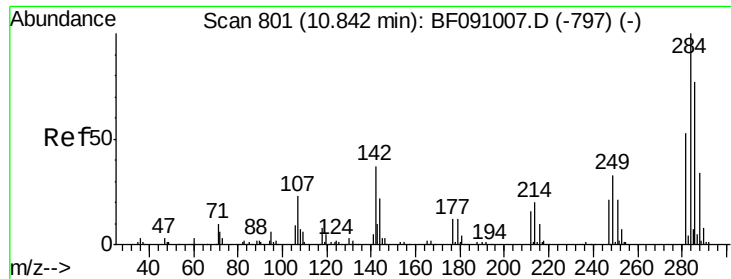
200000

100000

0

Time-->





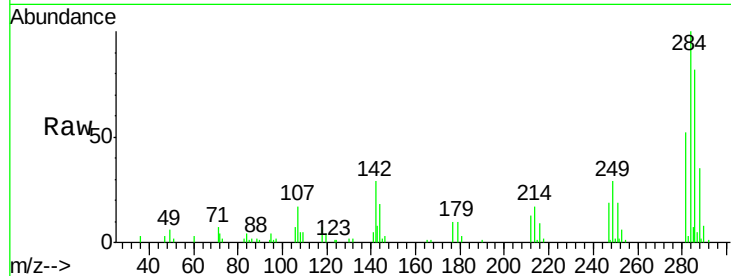
#67
Hexachlorobenzene
Concen: 4.57 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

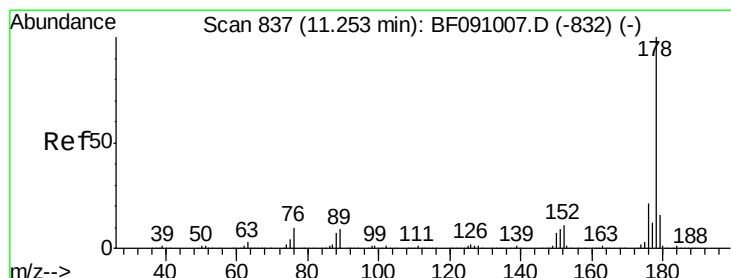
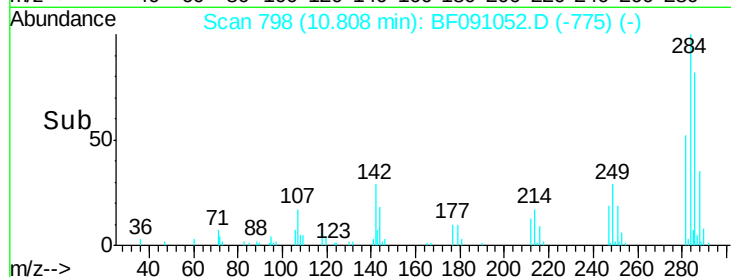
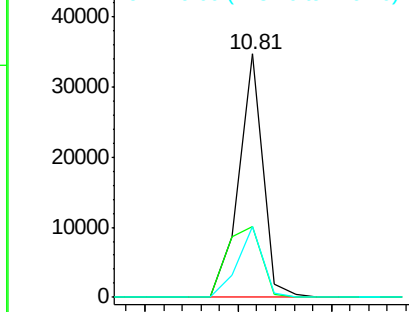
Tot Ion	Ratio	Resp	Lower	Upper
284	100	31321		
142	28.8	29.9	44.9	#
249	29.2	26.6	39.8	

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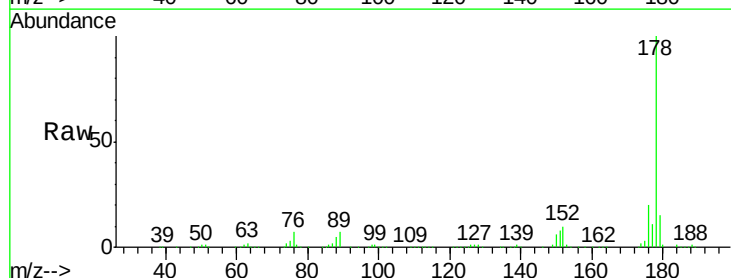


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

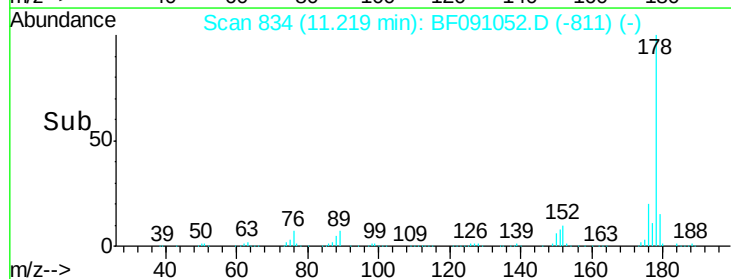
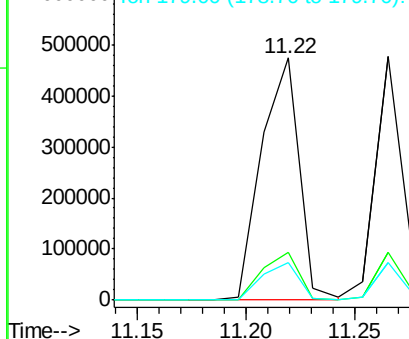


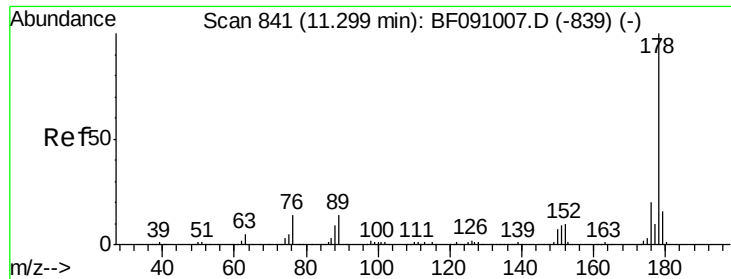
#70
Phenanthrene
Concen: 18.08 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	574259		
176	19.8	16.6	25.0	
179	15.2	12.9	19.3	



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





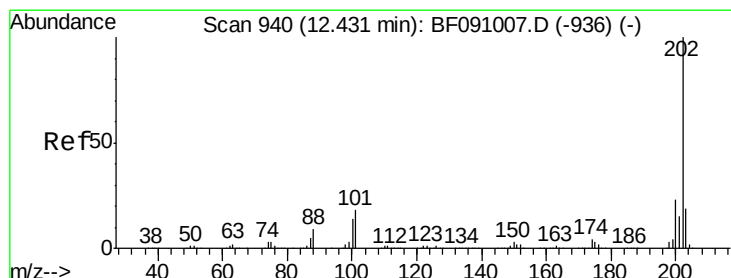
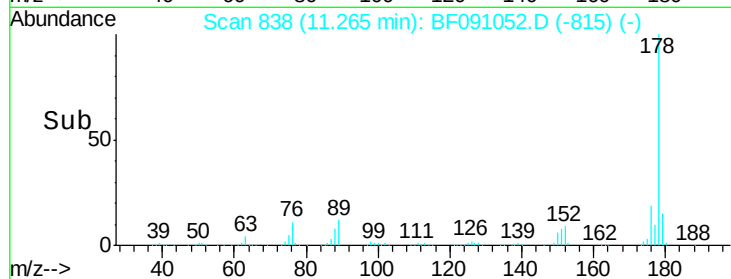
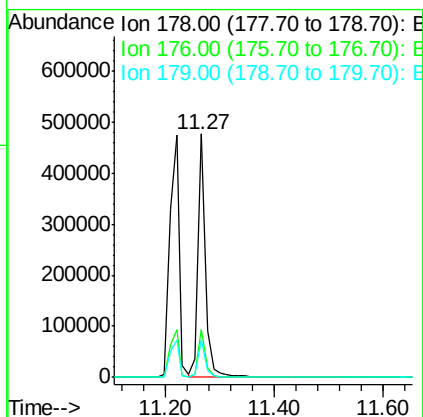
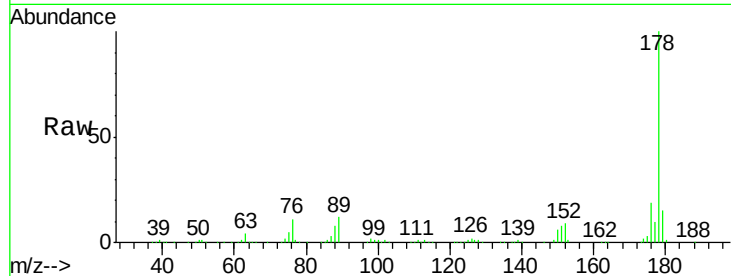
#71
 Anthracene
 Concen: 13.18 ng
 RT: 11.27 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.4	13.0	19.6

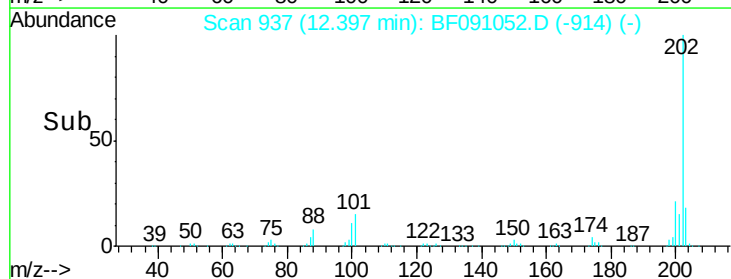
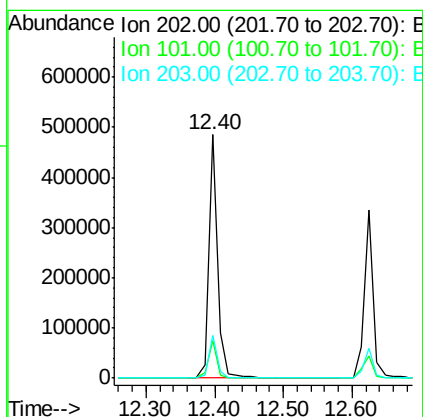
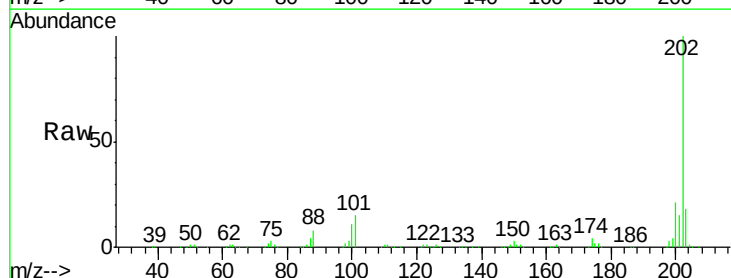
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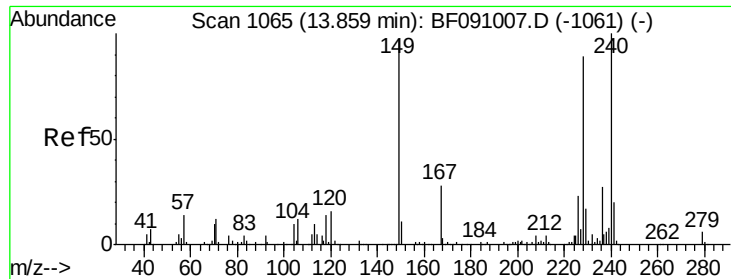
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#74
 Fluoranthene
 Concen: 13.13 ng
 RT: 12.40 min Scan# 937
 Delta R.T. -0.03 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	37.6
203	17.6	0.0	38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Instrument :

BNA_F

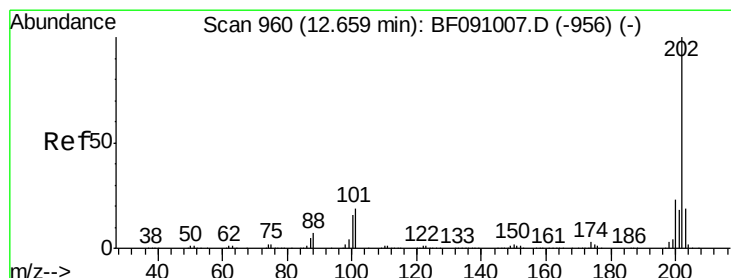
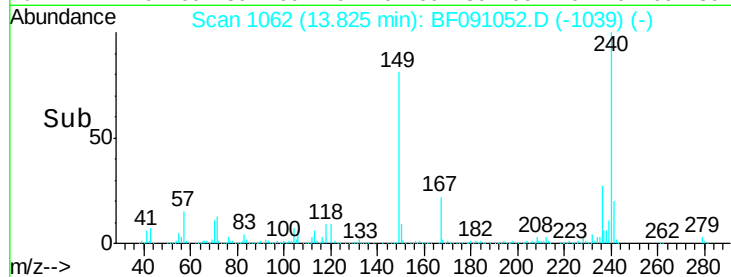
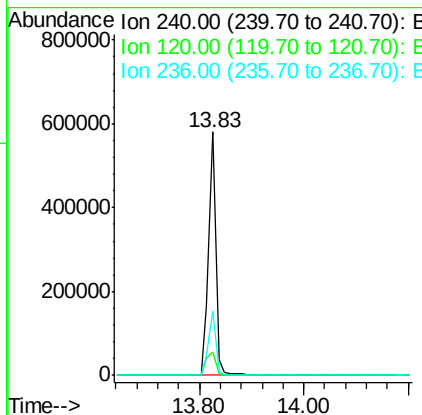
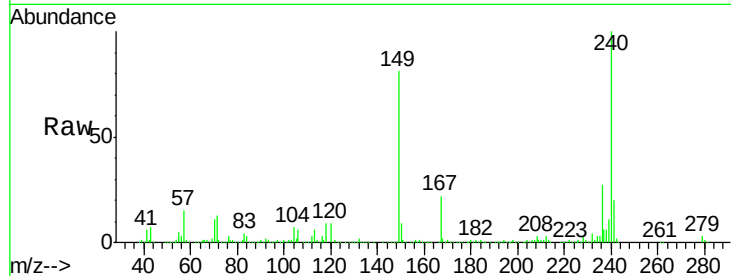
ClientSampleId :

PT-BNA-SOILD

Tot Ion:	240	Resp:	561126
Ion Ratio	Lower	Upper	
240	100		
120	9.5	12.9	19.3#
236	26.5	21.9	32.9

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#77

Pyrene

Concen: 8.34 ng

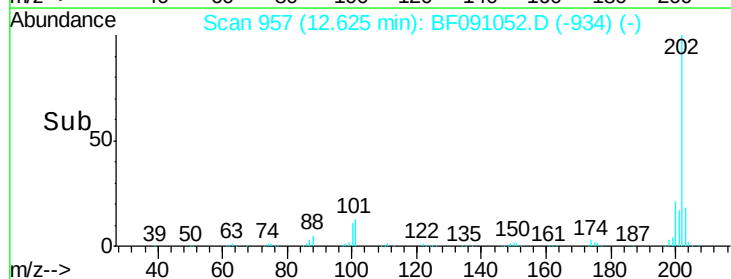
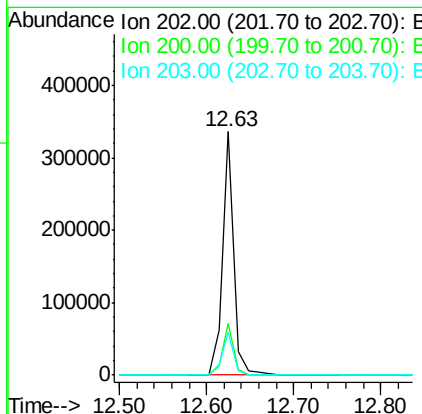
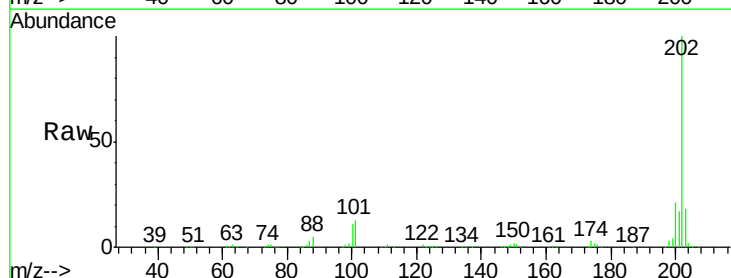
RT: 12.63 min Scan# 957

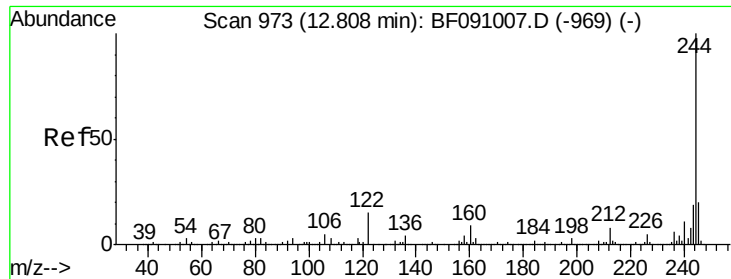
Delta R.T. -0.03 min

Lab File: BF091052.D

Acq: 7 Nov 2016 13:37

Tgt Ion:	202	Resp:	306388
Ion Ratio	Lower	Upper	
202	100		
200	21.4	18.4	27.6
203	17.7	15.0	22.6





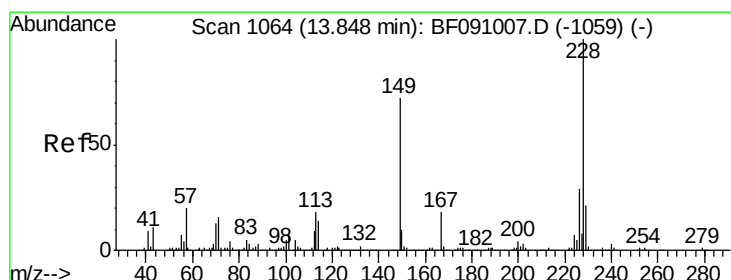
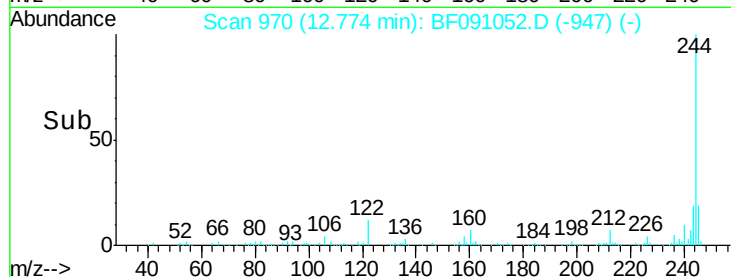
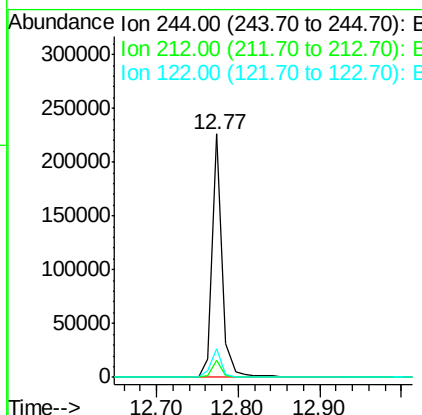
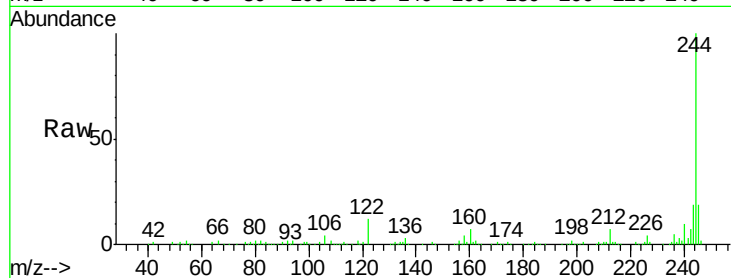
#78
 Terphenyl-d14
 Concen: 8.82 ng
 RT: 12.77 min Scan# 970
 Delta R.T. -0.03 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	12.0	12.3	18.5#

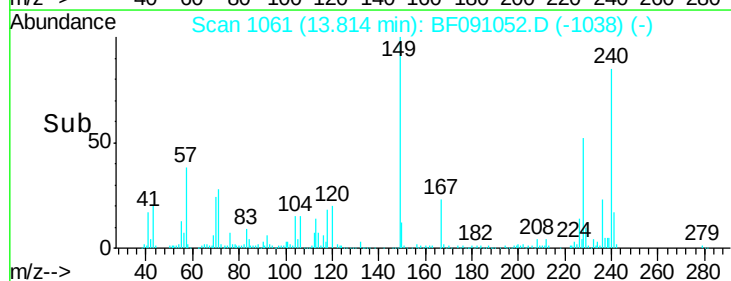
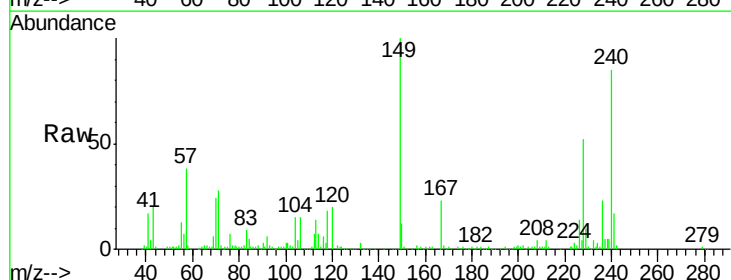
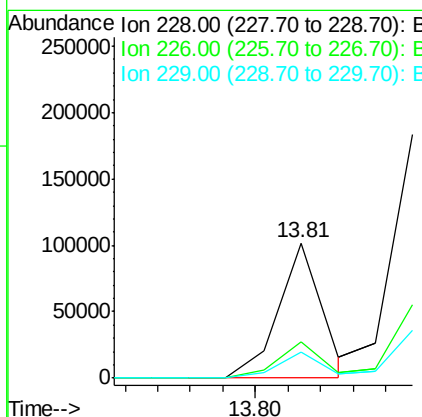
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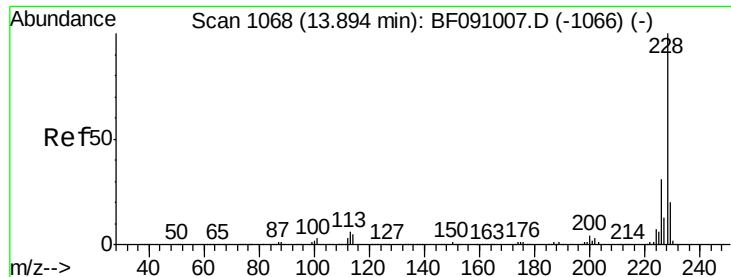
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#80
 Benzo(a)anthracene
 Concen: 2.99 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.03 min
 Lab File: BF091052.D
 Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.0	34.6
229	19.7	16.6	24.8





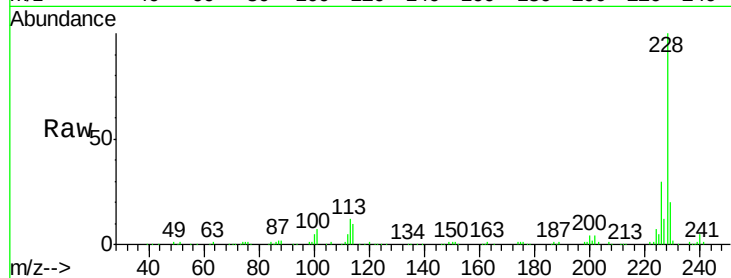
#82
Chrysene
Concen: 5.56 ng
RT: 13.85 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

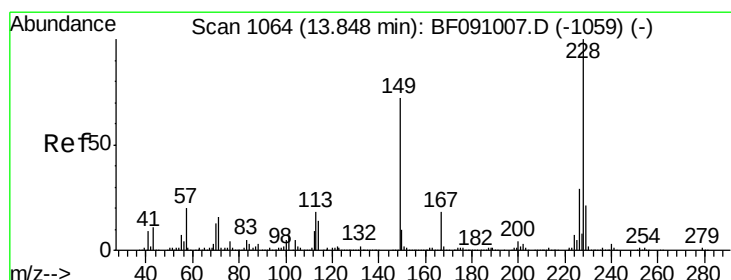
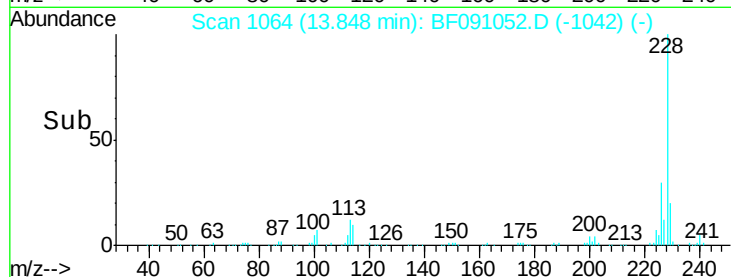
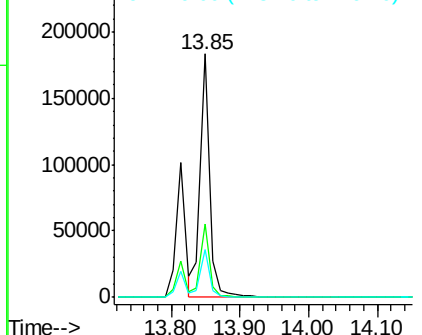
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.8	15.9	23.9

Manual Integrations
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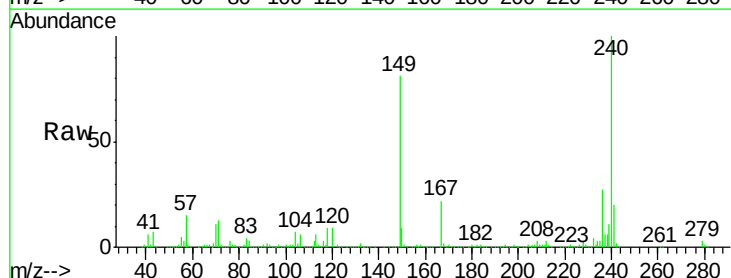


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

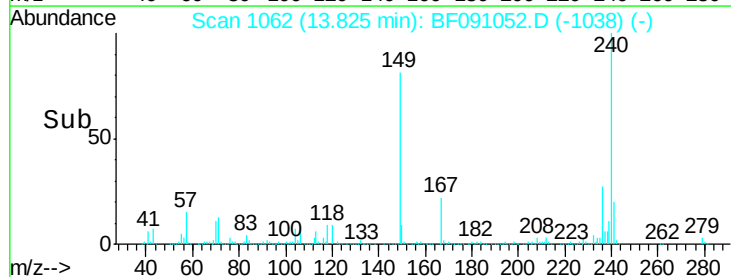
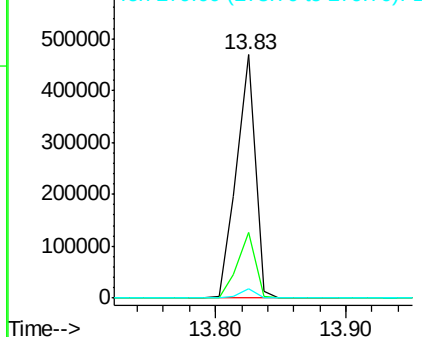


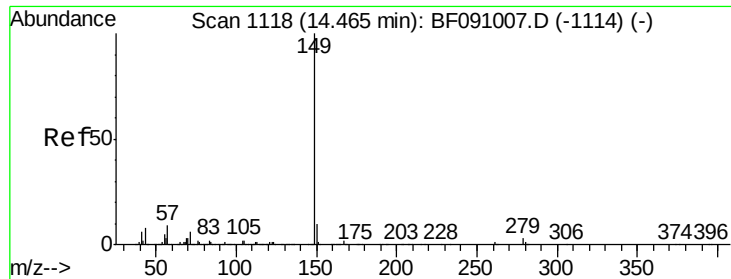
#83
Bis(2-ethylhexyl)phthalate
Concen: 19.73 ng
RT: 13.83 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.4	30.6
279	3.9	1.6	2.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





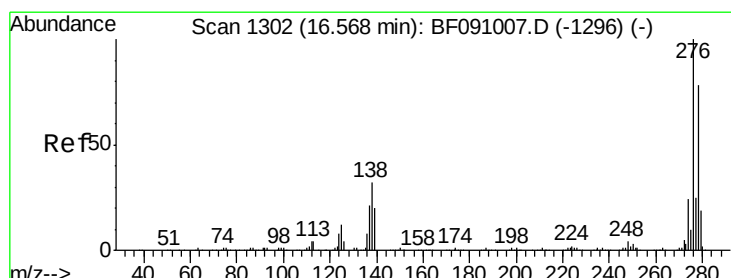
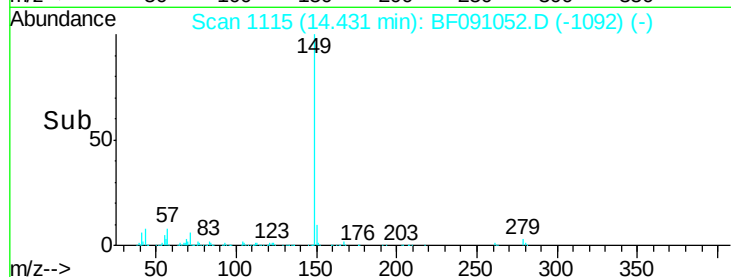
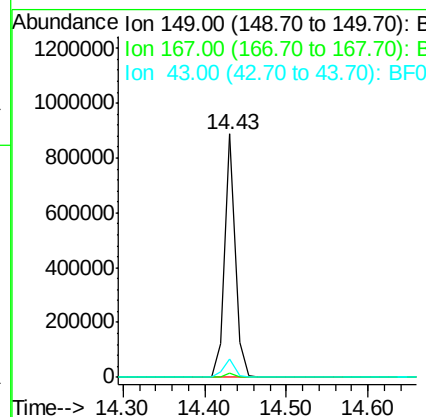
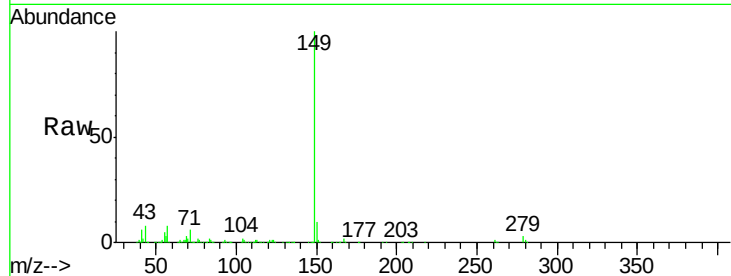
#84
Di-n-octyl phthalate
Concen: 20.16 ng
RT: 14.43 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILDL

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	8.2	12.4

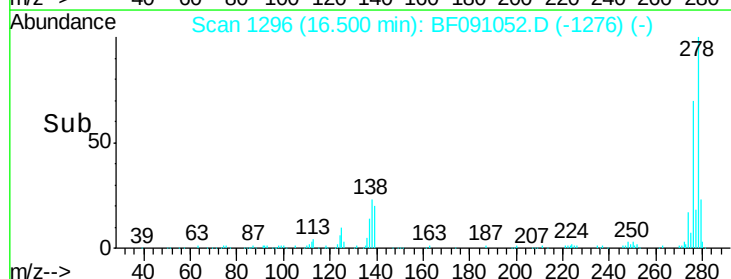
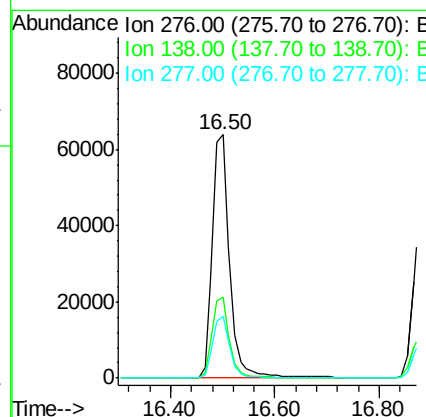
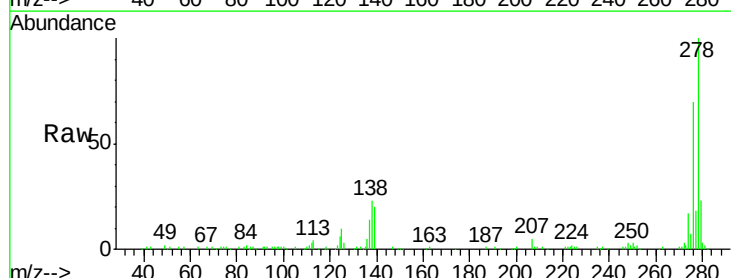
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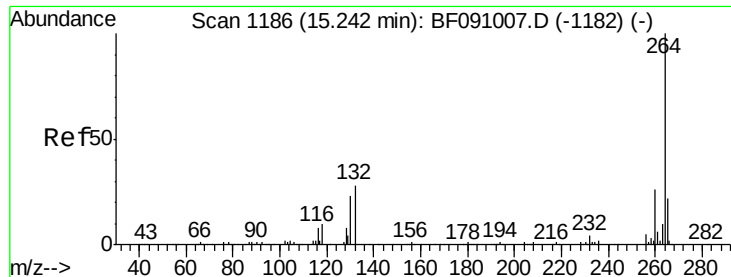
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.66 ng
RT: 16.50 min Scan# 1296
Delta R.T. -0.07 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	33.1	26.0	39.0
277	24.9	20.1	30.1





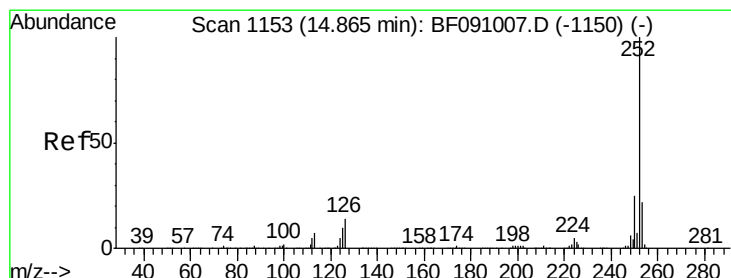
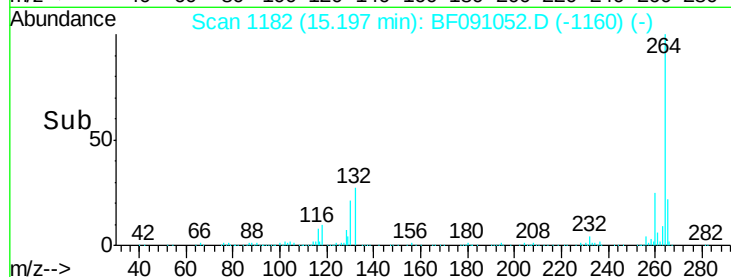
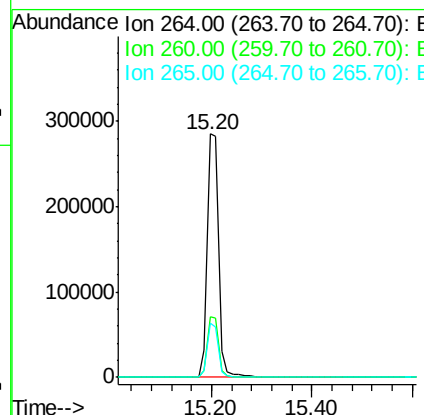
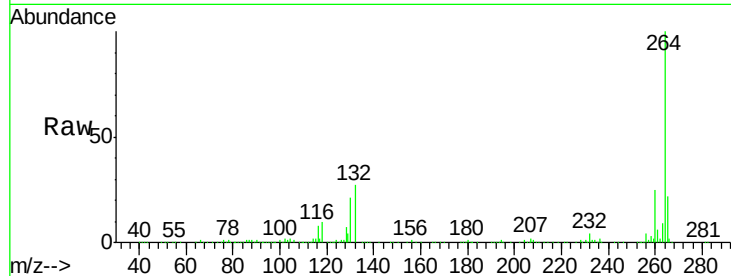
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1182
Delta R.T. -0.05 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	22.0	17.8	26.8

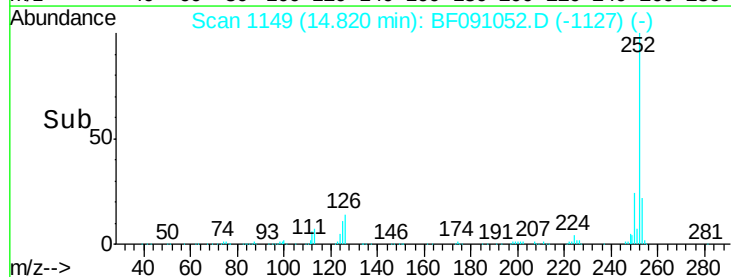
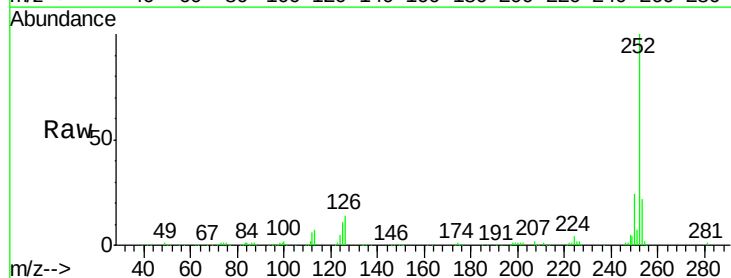
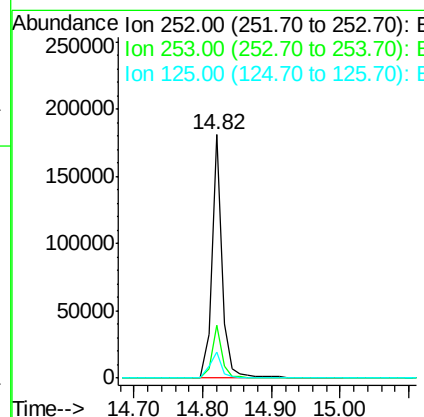
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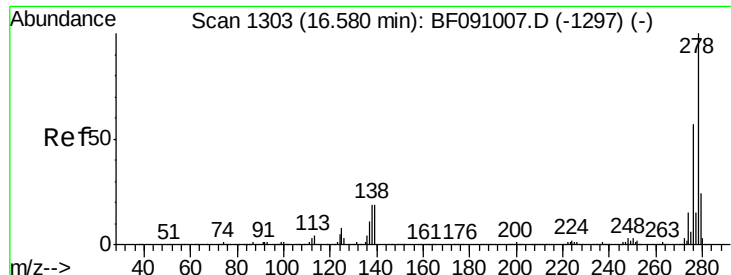
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#87
Benzo(b)fluoranthene
Concen: 6.14 ng
RT: 14.82 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	10.6	8.3	12.5





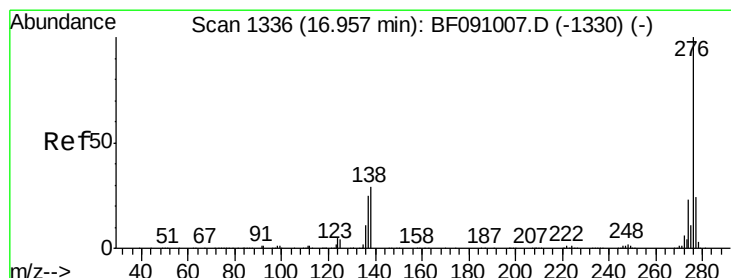
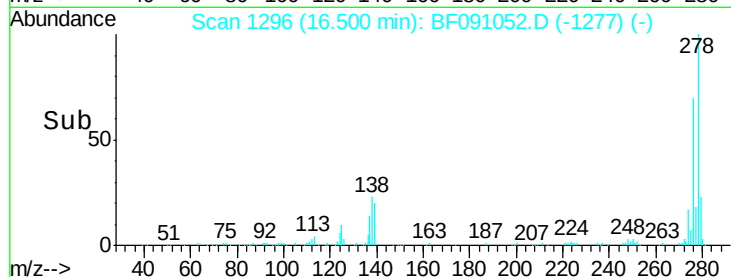
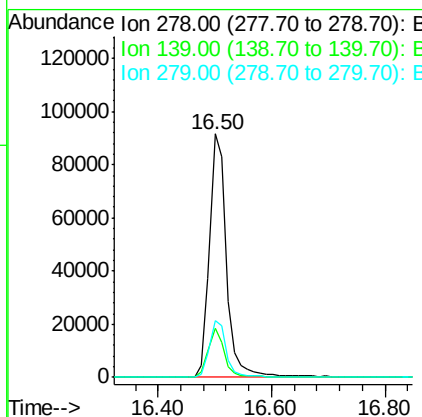
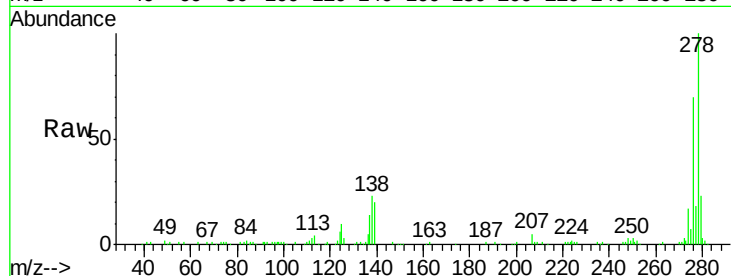
#90
Dibenzo(a,h)anthracene
Concen: 8.15 ng
RT: 16.50 min Scan# 1296
Delta R.T. -0.08 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.3	22.9
279	23.1	19.3	28.9

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.15 ng
RT: 16.88 min Scan# 1329
Delta R.T. -0.08 min
Lab File: BF091052.D
Acq: 7 Nov 2016 13:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.2	28.8
138	25.6	23.3	34.9

