

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097857.D
 Acq On : 19 Aug 2017 2:43
 Operator : SJ/JU
 Sample : I4814-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WHITE-TWP-COMPOST

Manual Integrations
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Sohil
 8/21/2017 6:18:47 AM

Quant Time: Aug 19 03:37:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127138	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	506271	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	215512	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	364858	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	296045	20.00	ng	-0.01
86) Perylene-d12	15.36	264	250579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	940294	112.50	ng	0.00
7) Phenol-d6	6.41	99	1283137	112.98	ng	0.00
23) Nitrobenzene-d5	7.34	82	805228	86.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	202914	108.51	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1066330	72.69	ng	-0.01
78) Terphenyl-d14	12.88	244	721573	50.83	ng	-0.01
Target Compounds						
32) Benzoic acid	7.75	122	1742	6.661	ng	91
49) Dimethylphthalate	9.53	163	173840	11.035	ng	99
74) Fluoranthene	12.50	202	99460	4.901	ng	99
77) Pyrene	12.73	202	94012	3.883	ng	98
80) Benzo(a)anthracene	13.92	228	71774	4.045	ng	95
82) Chrysene	13.95	228	103839	5.883	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	54951	4.232	ng	# 91
87) Benzo(b)fluoranthene	14.94	252	157123m	9.948	ng	
88) Benzo(k)fluoranthene	14.97	252	53595m	3.612	ng	
89) Benzo(a)pyrene	15.30	252	83732	5.988	ng	# 93
91) Benzo(g,h,i)perylene	17.19	276	49858	4.198	ng	94

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

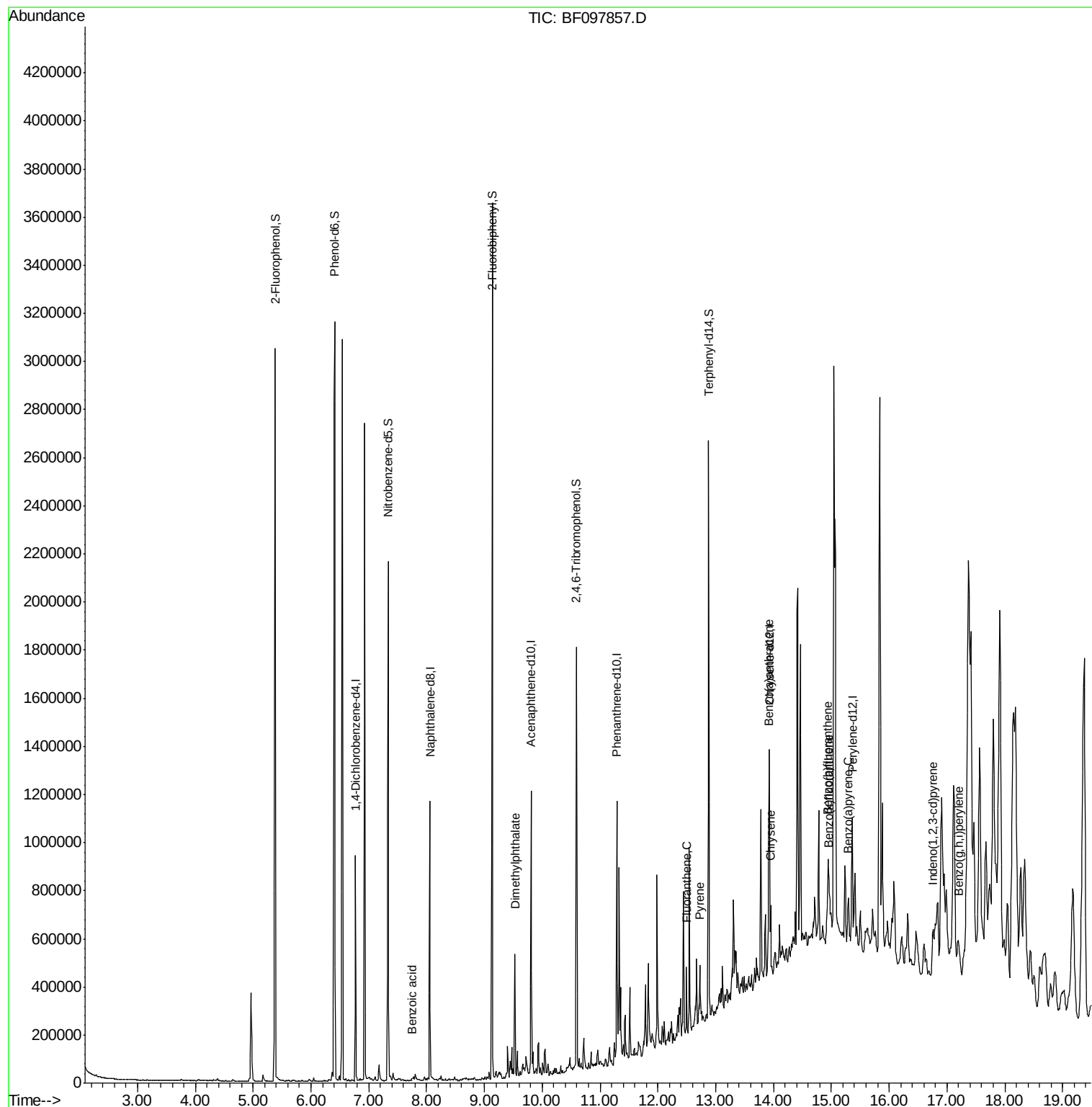
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097857.D
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Sample : I4814-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

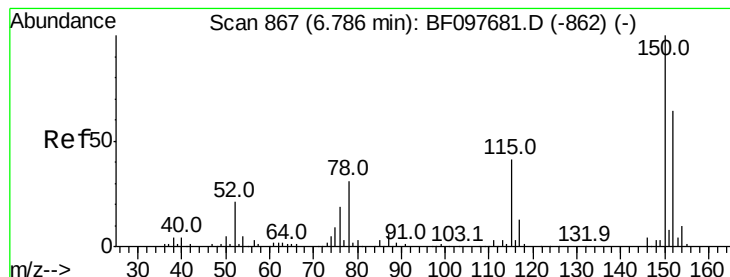
Instrument :
BNA_F
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WHITE-TWP-COMPOST

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Quant Time: Aug 19 03:37:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

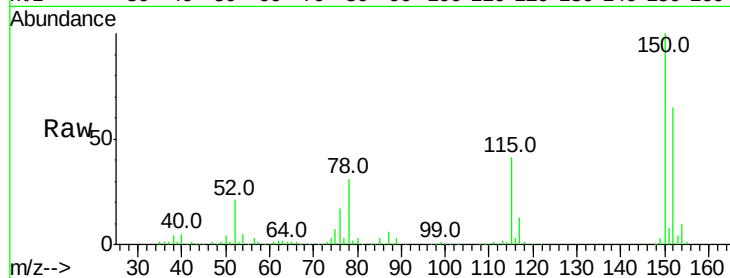
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

Instrument :
BNA_F
ClientSampleId :
WHITE-TWP-COMPOST

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	63.6	52.2	78.2

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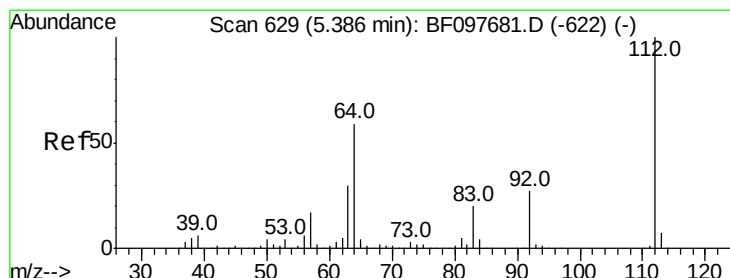
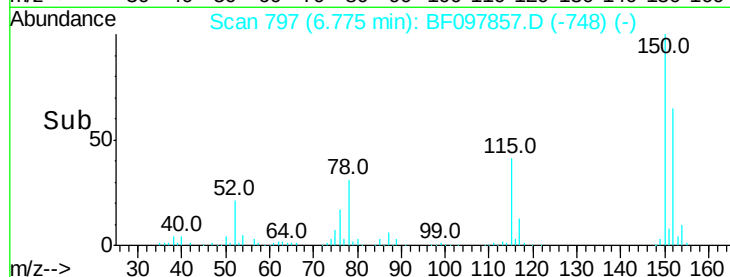
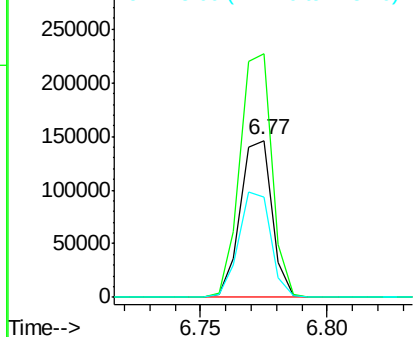


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

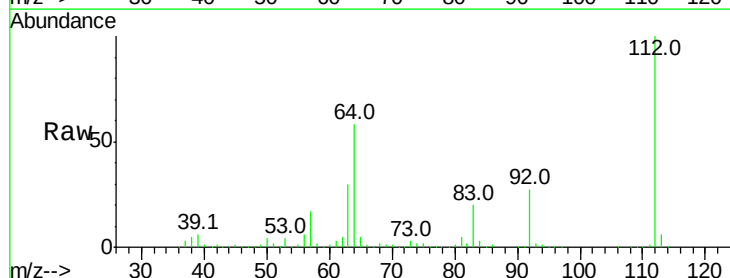
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.496 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.0	69.0
63	29.7	23.4	35.0

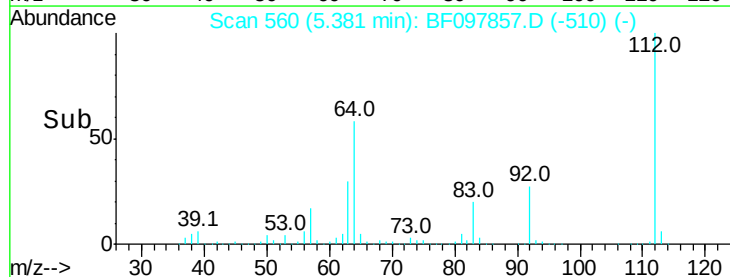
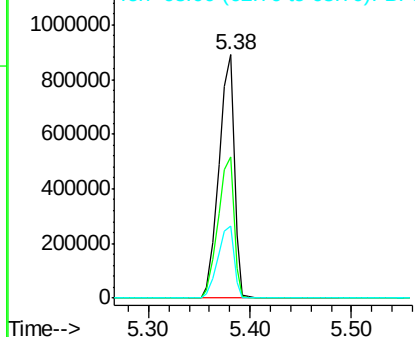


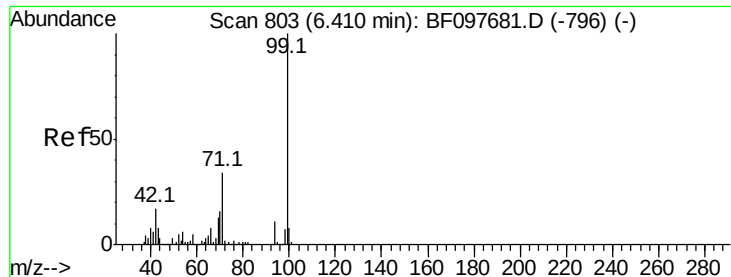
Abundance

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: 112.985 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

BNA_F

ClientSampleId :

WHITE-TWP-COMPOST

Tot Ion: 99 Resp: 1283137

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

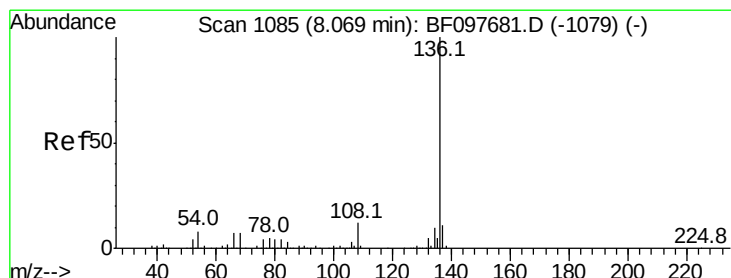
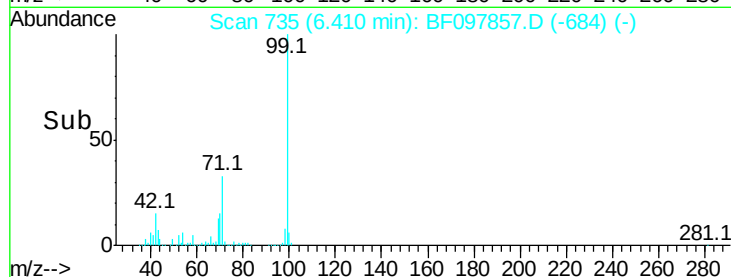
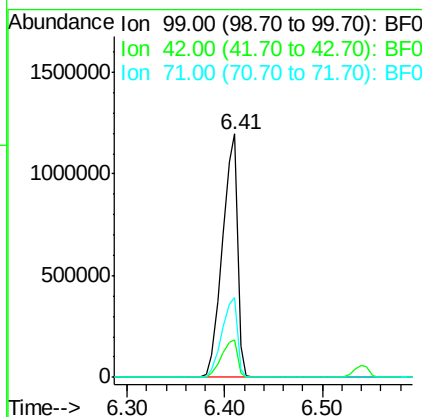
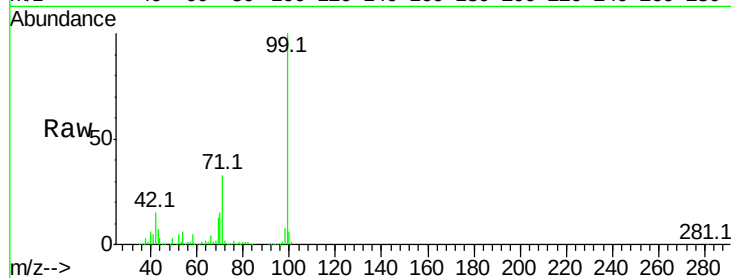
71 32.8 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Tgt Ion: 136 Resp: 506271

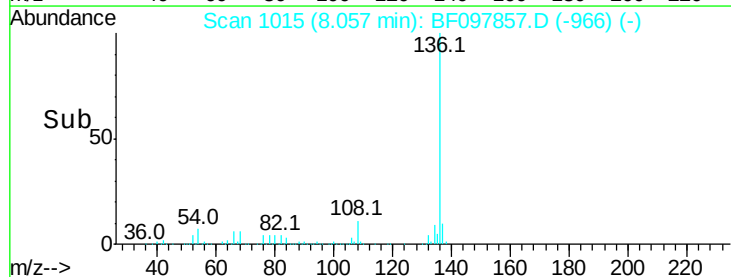
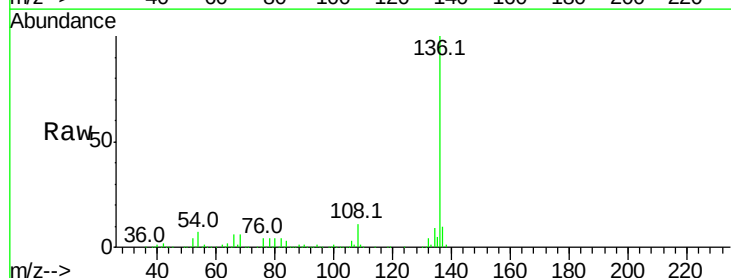
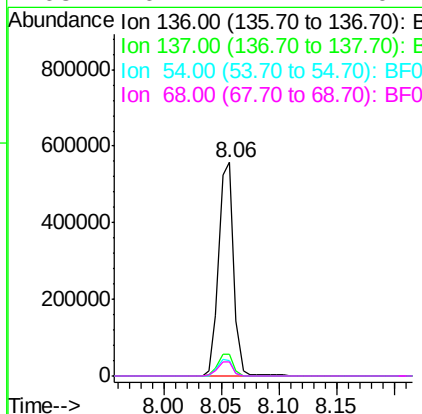
Ion Ratio Lower Upper

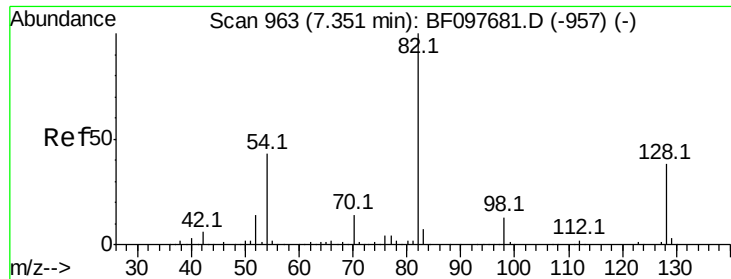
136 100

137 10.5 8.5 12.7

54 7.1 4.9 7.3

68 6.4 4.1 6.1#





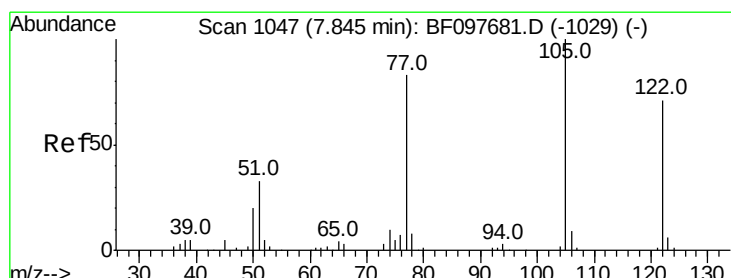
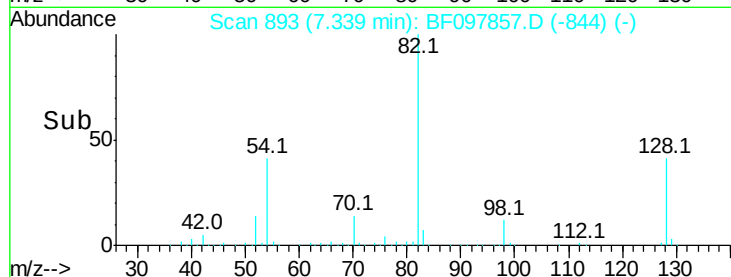
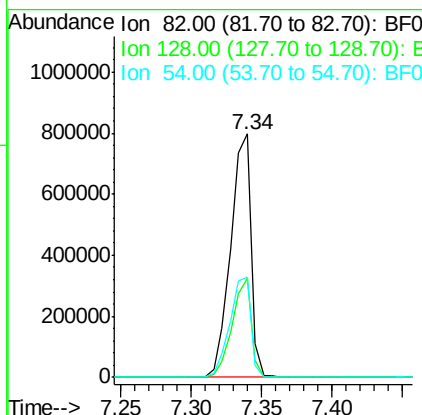
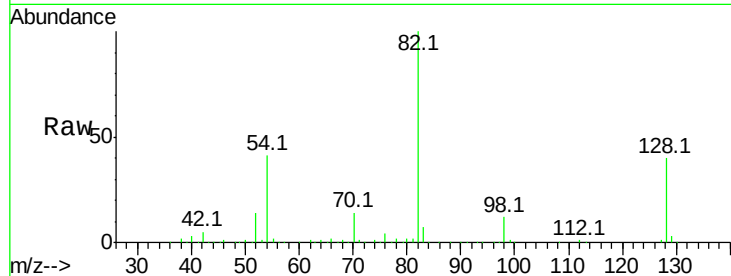
#23
 Nitrobenzene-d5
 Concen: 86.404 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Instrument :
 BNA_F
 ClientSampleId :
 WHITE-TWP-COMPOST

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.5	34.0	51.0	
54	41.2	42.2	63.2	

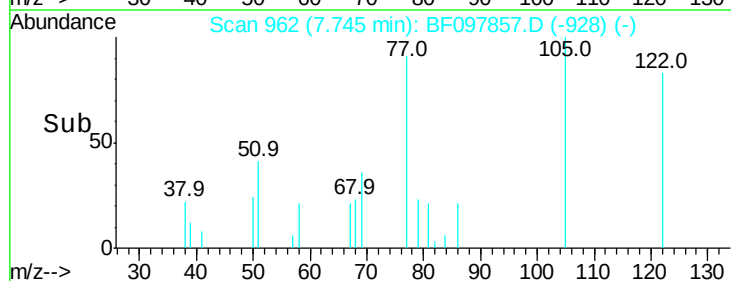
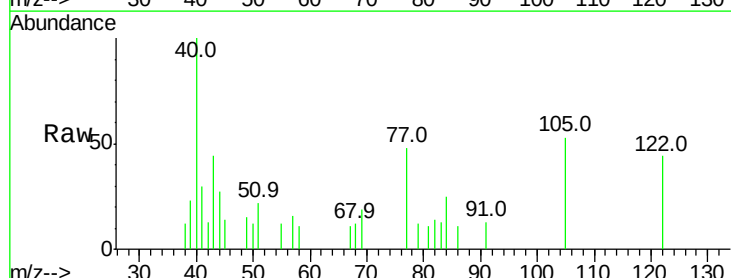
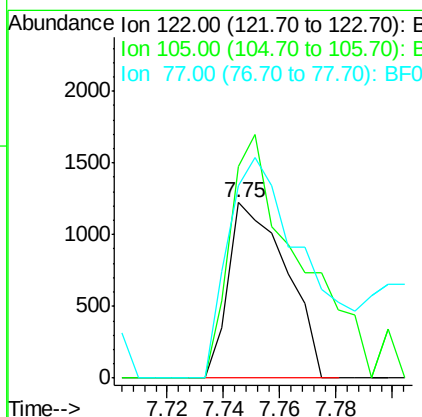
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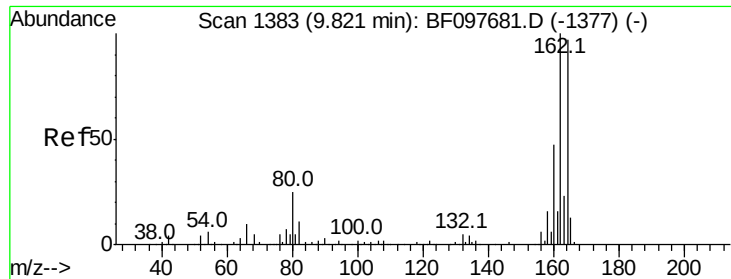
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#32
 Benzoic acid
 Concen: 6.661 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.10 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.7	103.3	143.3	
77	109.7	73.7	113.7	





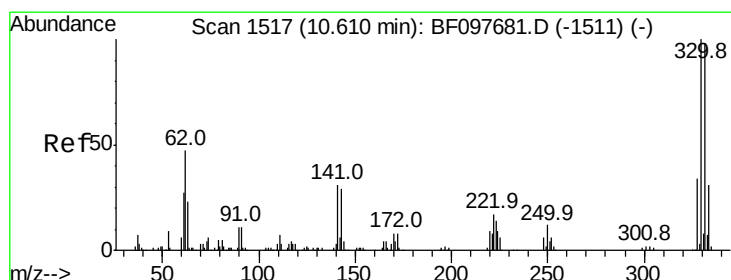
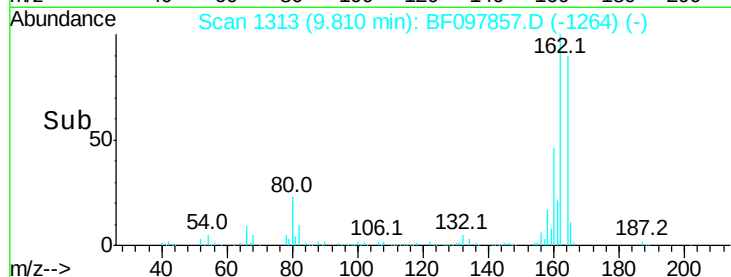
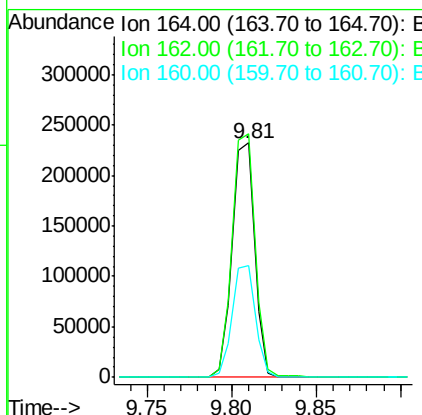
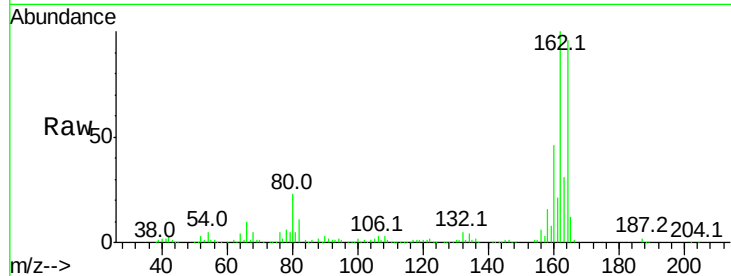
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Instrument :
 BNA_F
 ClientSampleId :
 WHITE-TWP-COMPOST

Tot Ion	Ratio	Resp	Lower	Upper
164	100	215512		
162	103.9	82.6	123.8	
160	47.7	36.2	54.2	

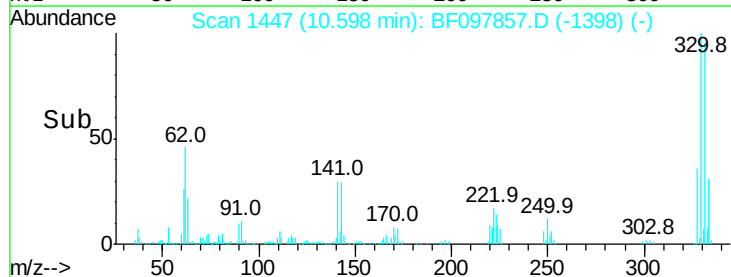
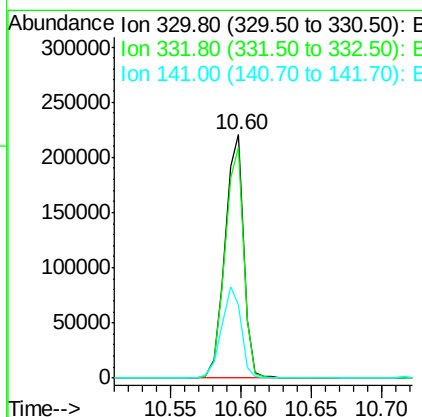
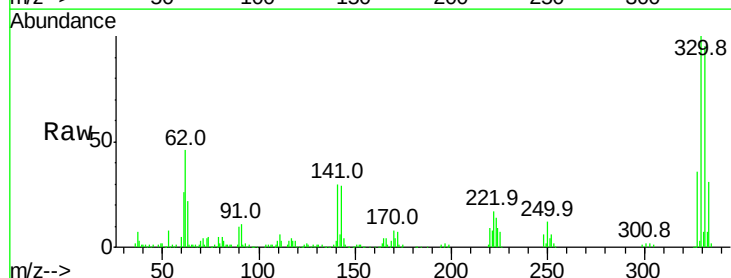
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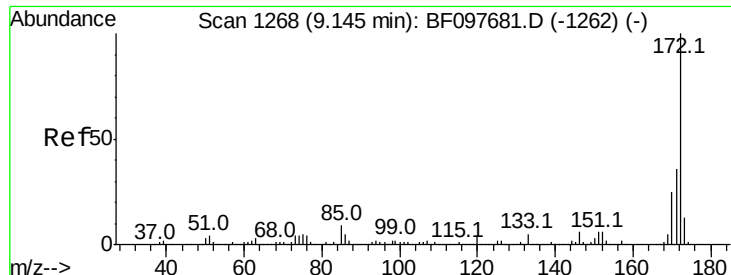
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#41
 2,4,6-Tribromophenol
 Concen: 108.515 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	202914		
332	95.5	76.6	115.0	
141	39.5	31.4	47.2	





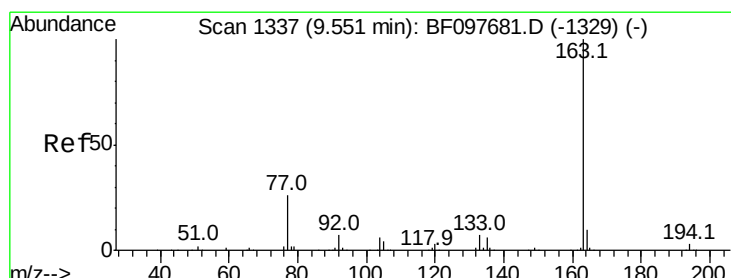
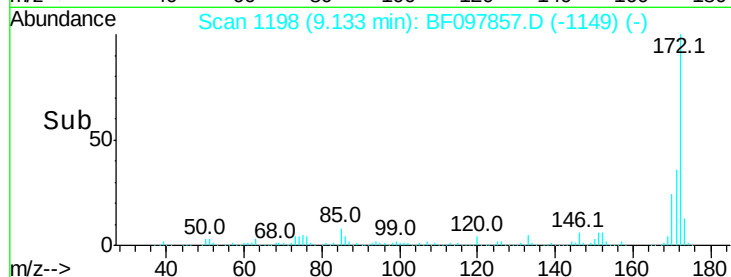
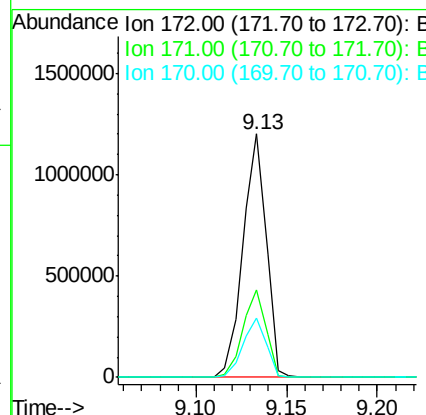
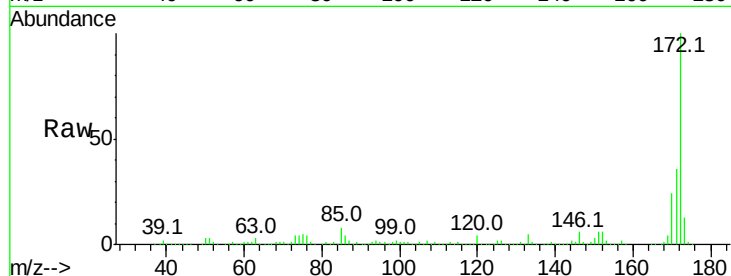
#44
2-Fluorobiphenyl
Concen: 72.695 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

Instrument :
BNA_F
ClientSampleId :
WHITE-TWP-COMPOST

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	19.8	29.8

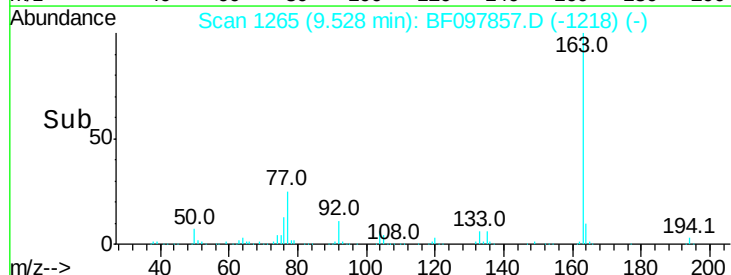
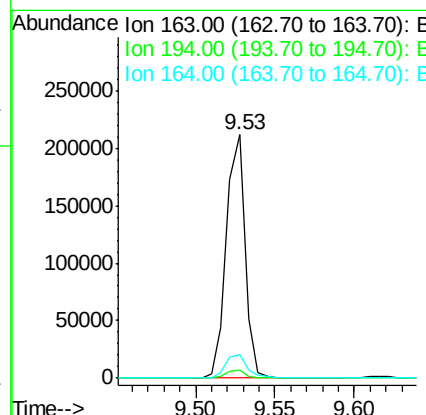
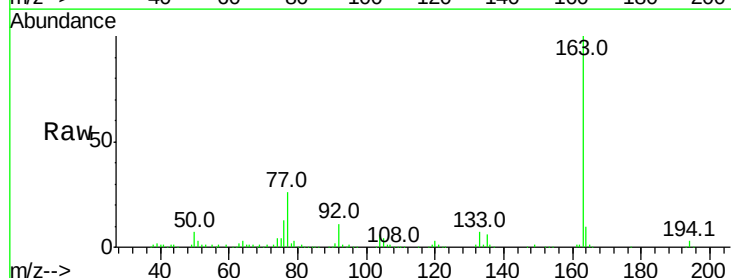
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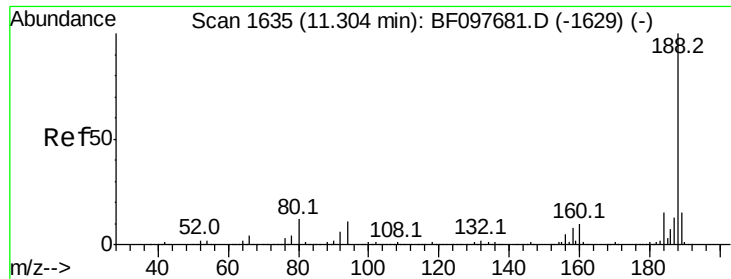
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#49
Dimethylphthalate
Concen: 11.035 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

BNA_F

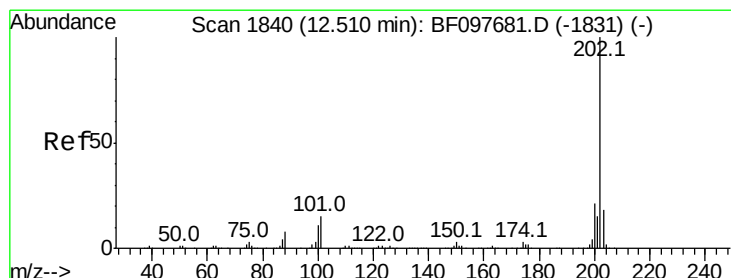
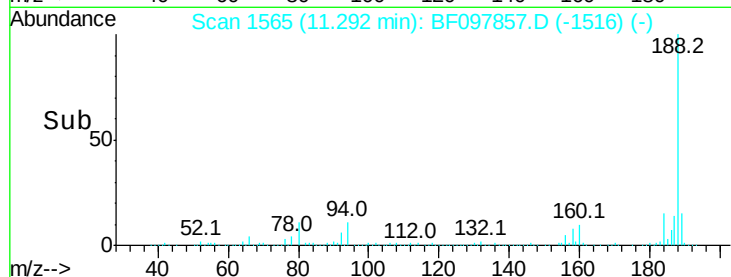
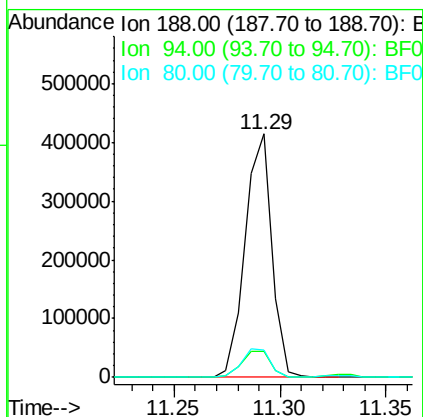
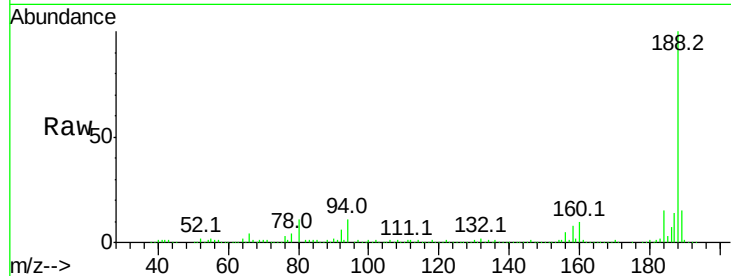
ClientSampleId :

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Tot Ion:	188	Resp:	364858
Ion Ratio	Lower	Upper	
188	100		
94	10.8	9.4	14.2
80	11.4	10.2	15.2

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#74

Fluoranthene

Concen: 4.901 ng

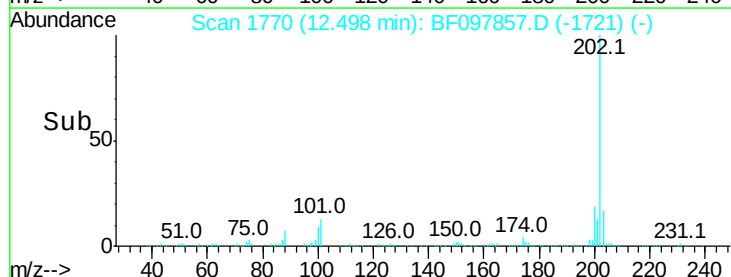
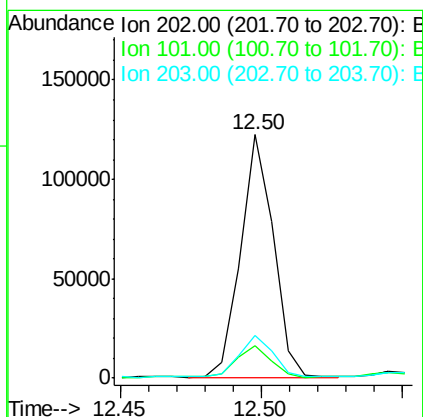
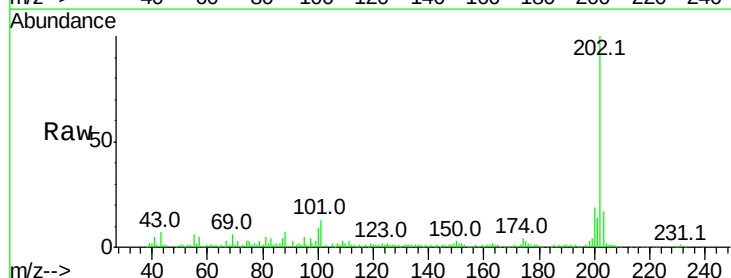
RT: 12.50 min Scan# 1770

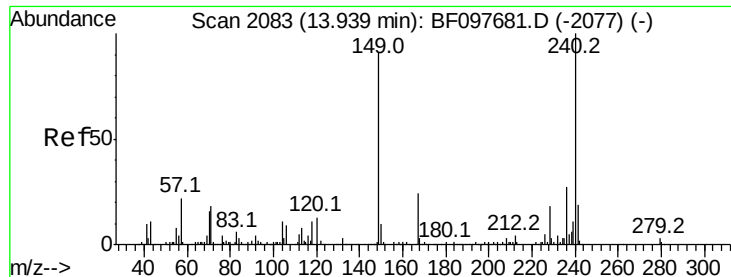
Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Tgt Ion:	202	Resp:	99460
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	33.2
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

BNA_F

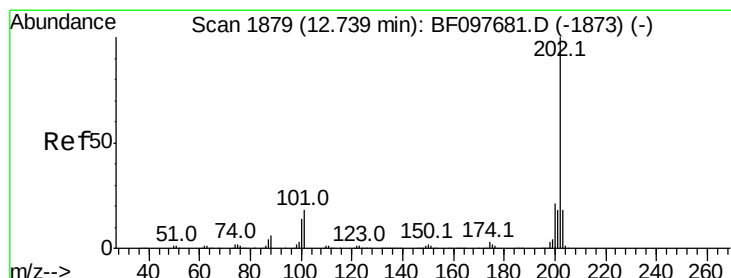
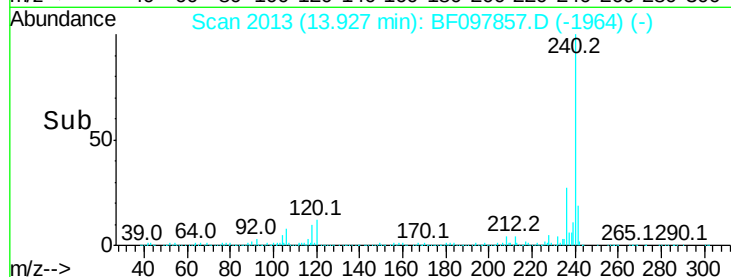
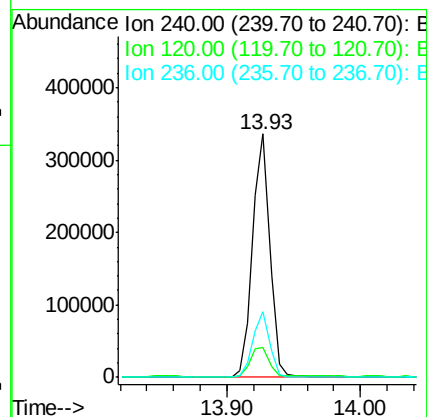
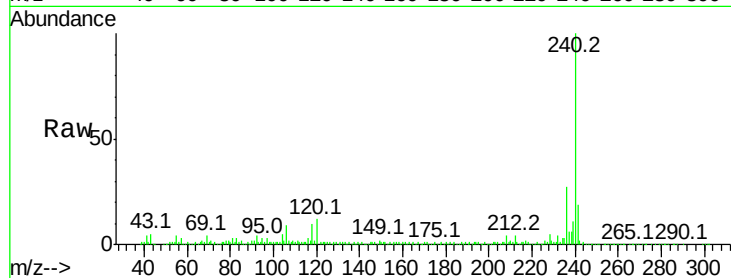
ClientSampleId :

WHITE-TWP-COMPOST

Tot Ion	Ratio	Resp	Lower	Upper
240	100	296045		
120	12.5	5.8	8.8#	
236	27.1	20.5	30.7	

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#77

Pyrene

Concen: 3.883 ng

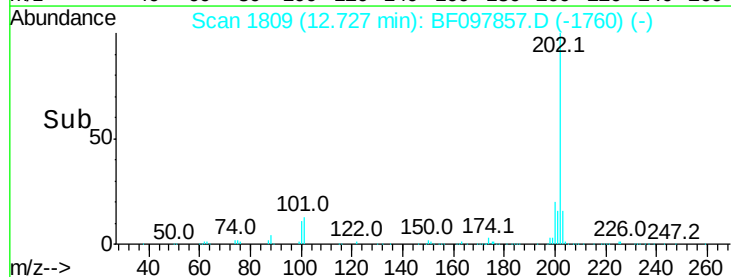
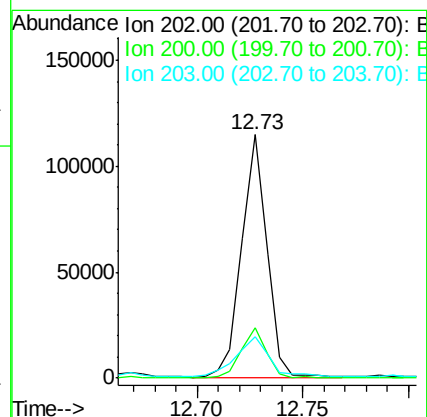
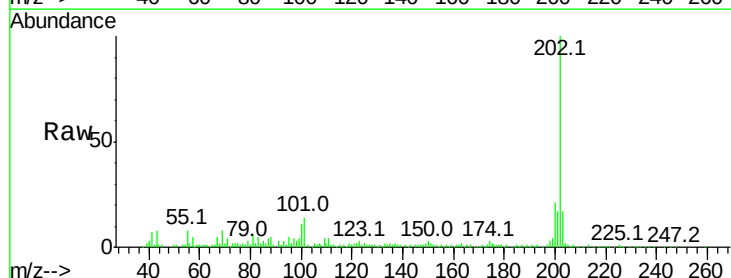
RT: 12.73 min Scan# 1809

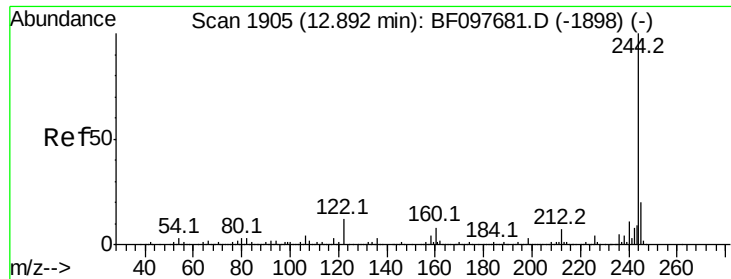
Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	94012		
200	20.7	17.6	26.4	
203	17.1	14.4	21.6	





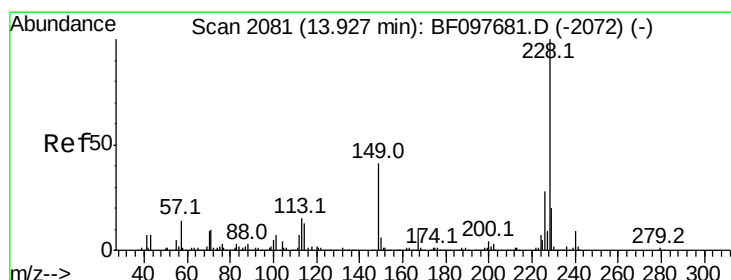
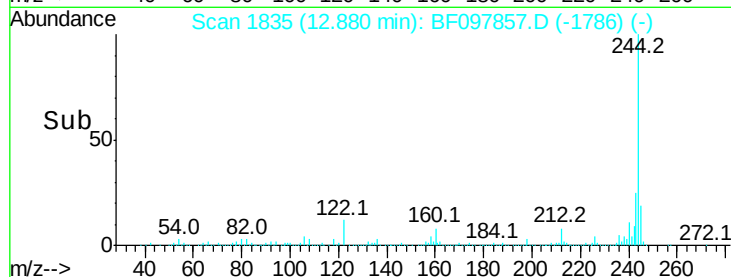
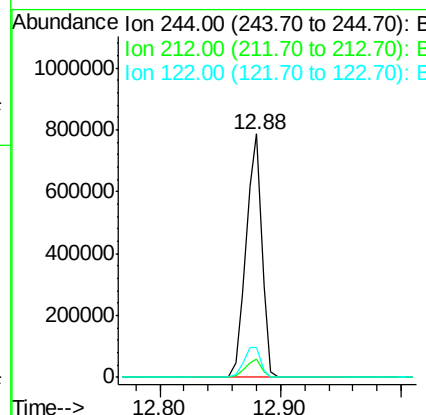
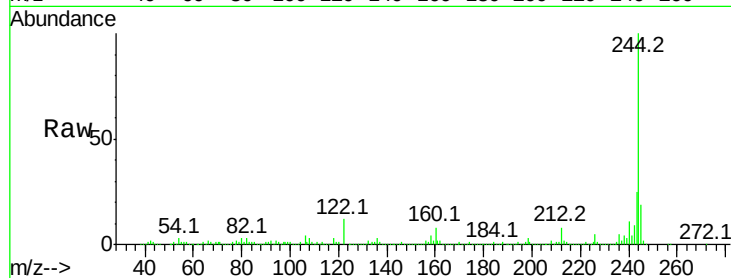
#78
 Terphenyl-d14
 Concen: 50.827 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Instrument :
 BNA_F
 ClientSampled :
 WHITE-TWP-COMPOST

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.1	10.3	15.5

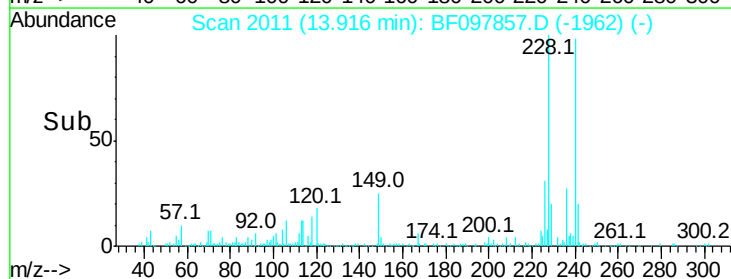
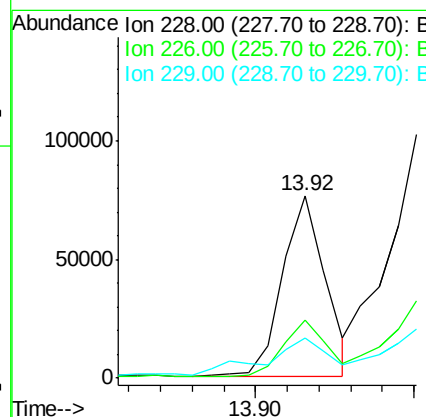
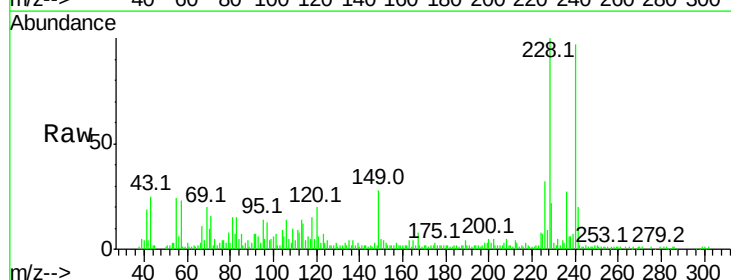
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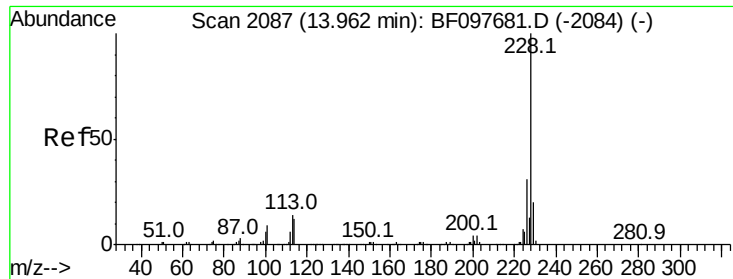
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#80
 Benzo(a)anthracene
 Concen: 4.045 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.6	33.8
229	21.7	16.3	24.5





#82

Chrysene

Concen: 5.883 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

BNA_F

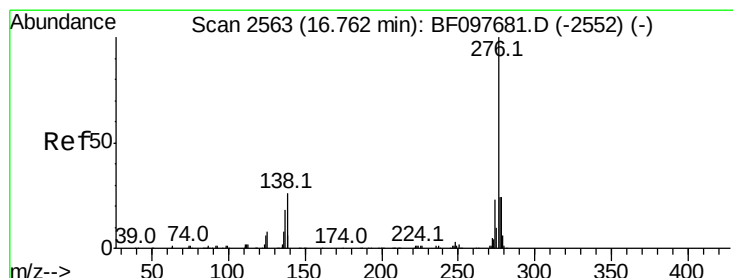
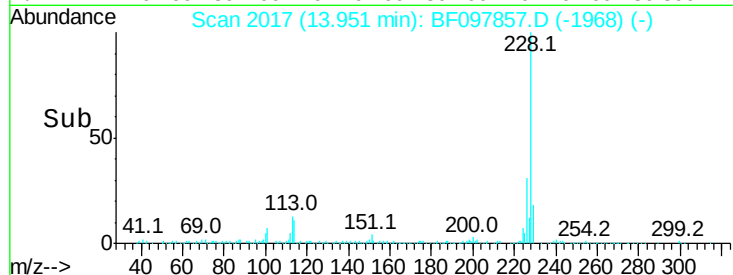
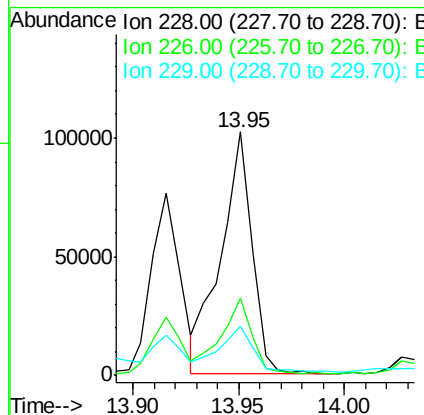
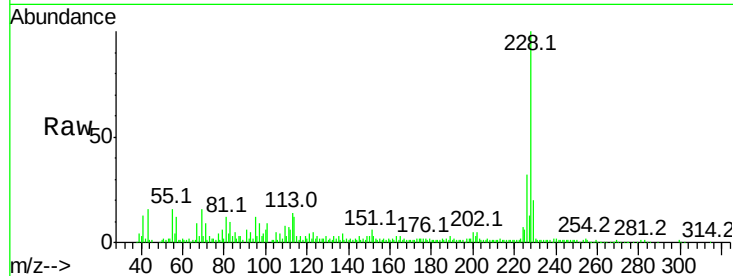
ClientSampleId :

WHITE-TWP-COMPOST

Tot Ion:	228	Resp:	103839
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.9	37.3
229	20.0	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.232 ng

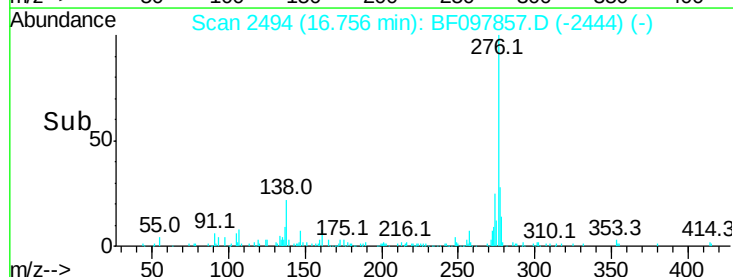
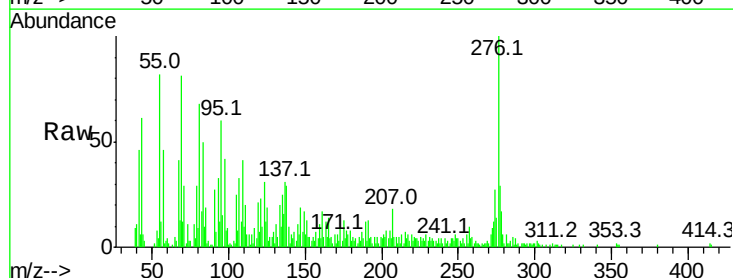
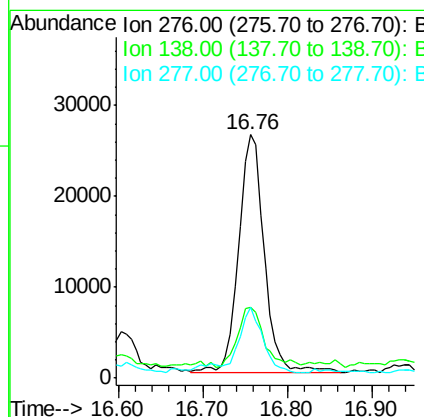
RT: 16.76 min Scan# 2494

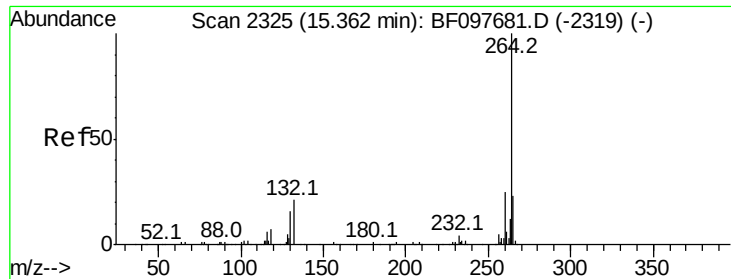
Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Tgt Ion:	276	Resp:	54951
Ion Ratio	Lower	Upper	
276	100		
138	26.2	27.8	41.6#
277	24.3	20.2	30.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Instrument :

BNA_F

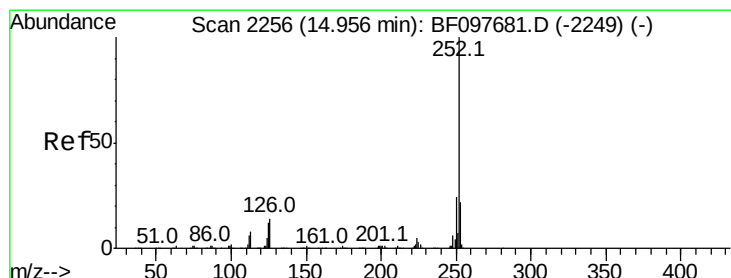
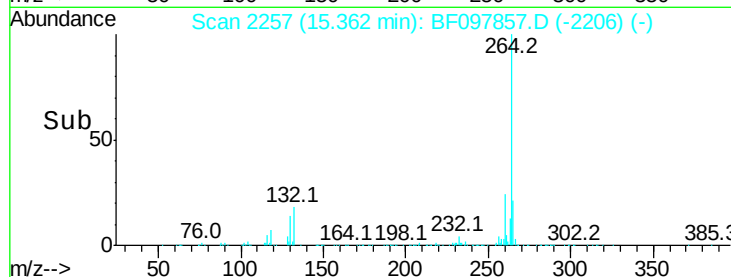
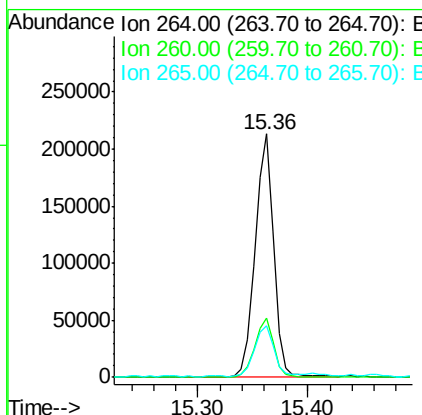
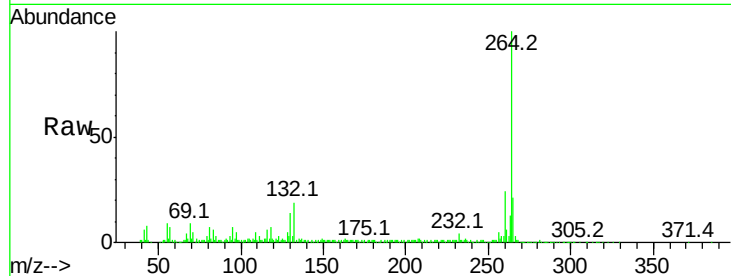
ClientSampleId :

WHITE-TWP-COMPOST

Tot Ion:	264	Resp:	250579
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.2	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 9.948 ng m

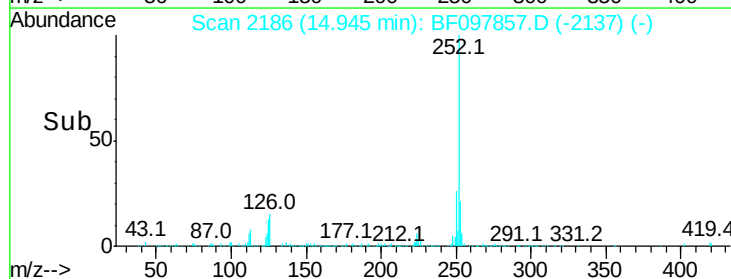
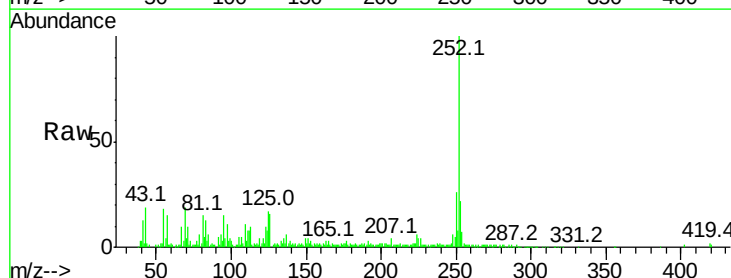
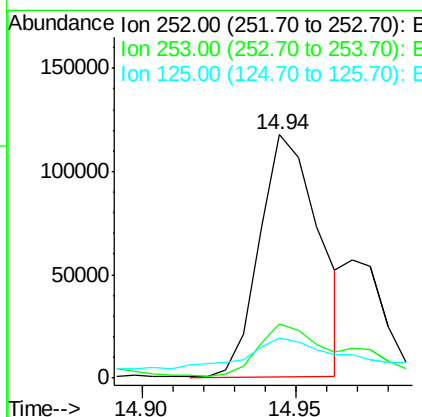
RT: 14.94 min Scan# 2186

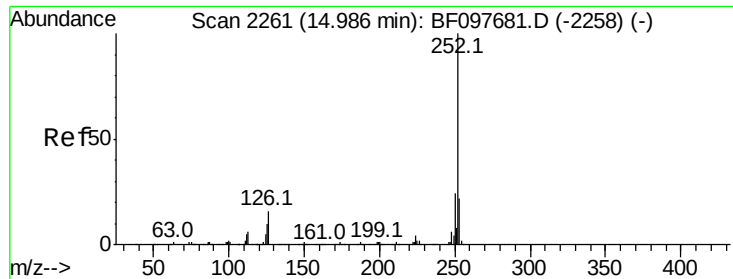
Delta R.T. -0.01 min

Lab File: BF097857.D

Acq: 19 Aug 2017 2:43

Tgt Ion:	252	Resp:	157123
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	16.6	9.8	14.8#





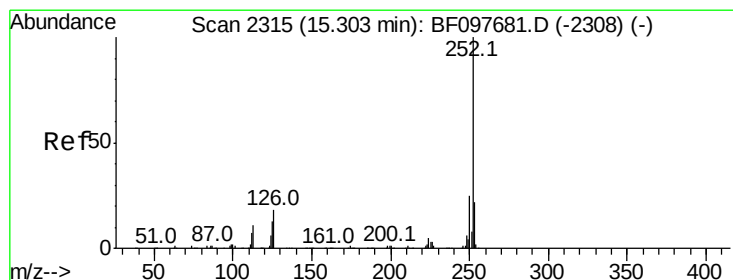
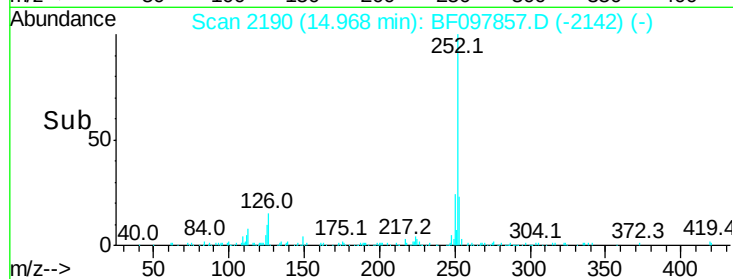
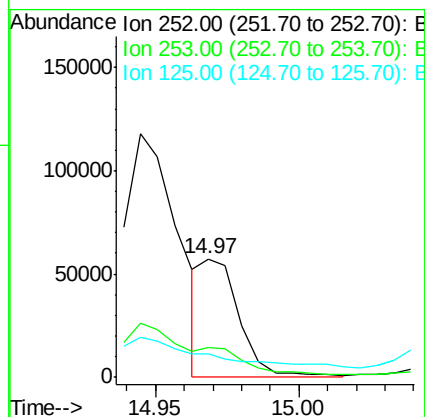
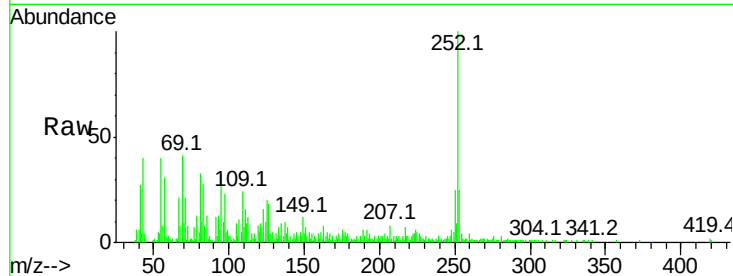
#88
Benzo(k)fluoranthene
Concen: 3.612 ng m
RT: 14.97 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

Instrument :
BNA_F
ClientSampleId :
WHITE-TWP-COMPOST

Tot Ion:	252	Resp:	53595
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.4	27.6
125	19.6	13.1	19.7

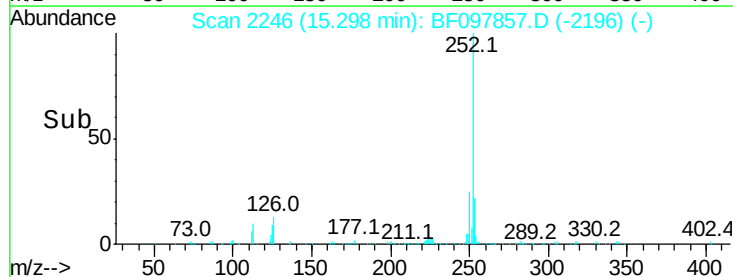
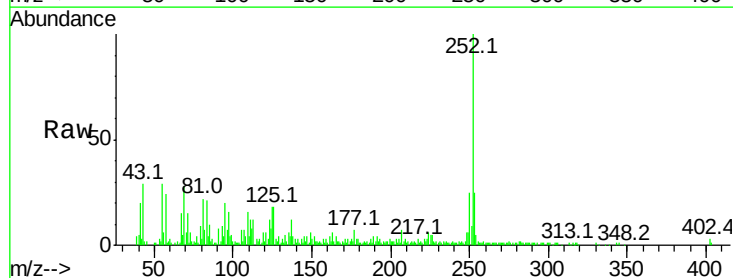
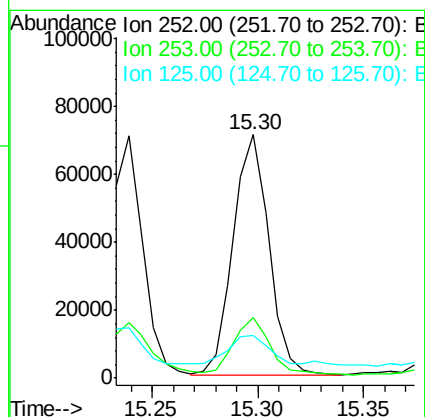
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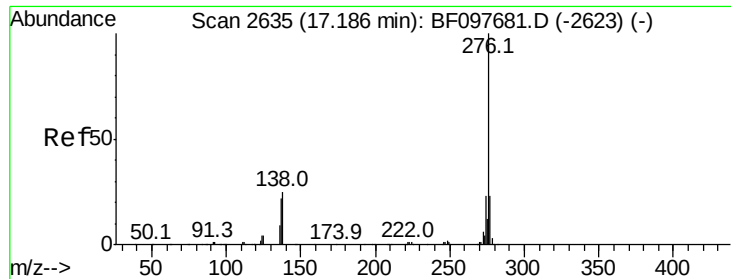
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#89
Benzo(a)pyrene
Concen: 5.988 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097857.D
Acq: 19 Aug 2017 2:43

Tgt Ion:	252	Resp:	83732
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.5	26.3
125	17.5	11.0	16.4#





#91
 Benzo(a,h,i)perylene
 Concen: 4.198 ng
 RT: 17.19 min Scan# 2568
 Delta R.T. 0.01 min
 Lab File: BF097857.D
 Acq: 19 Aug 2017 2:43

Instrument :
 BNA_F
 ClientSampleId :
 WHITE-TWP-COMPOST

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.6	28.0
138	34.5	25.4	38.0

Manual Integrations
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