

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
 Data File : BF084324.D
 Acq On : 8 Jan 2016 3:24
 Operator : SJ/UM
 Sample : H1026-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSSINING-STOCKPILE(0-2)

Manual Integrations
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 1/8/2016 10:43:09 AM

Quant Time: Jan 08 06:00:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	246694	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1072682	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	453352	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	822297	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	544525	20.00	ng	-0.03
86) Perylene-d12	15.46	264	507536	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1743555	114.32	ng	-0.01
7) Phenol-d6	6.51	99	2351407	122.76	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1613711	83.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	528324	115.43	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2113617	81.78	ng	-0.03
78) Terphenyl-d14	12.98	244	1856093	76.09	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.18	128	99764	2.05	ng	97
48) Acenaphthylene	9.77	152	160199	3.83	ng	97
49) Dimethylphthalate	9.62	163	445208	13.74	ng	# 89
70) Phenanthrene	11.41	178	531839	12.36	ng	99
71) Anthracene	11.46	178	165092	3.92	ng	99
74) Fluoranthene	12.60	202	1386504	30.86	ng	98
77) Pyrene	12.83	202	1288448	30.15	ng	98
80) Benzo(a)anthracene	14.02	228	652297	20.40	ng	# 89
82) Chrysene	14.05	228	639410m	20.81	ng	
83) Bis(2-ethylhexyl)phthalate	14.02	149	55440	2.37	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.85	276	359210	14.75	ng	95
87) Benzo(b)fluoranthene	15.05	252	781035m	23.53	ng	
88) Benzo(k)fluoranthene	15.06	252	352350m	12.98	ng	
89) Benzo(a)pyrene	15.40	252	503740	17.89	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	92900	3.83	ng	# 92
91) Benzo(g,h,i)perylene	17.28	276	321008	12.79	ng	98

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

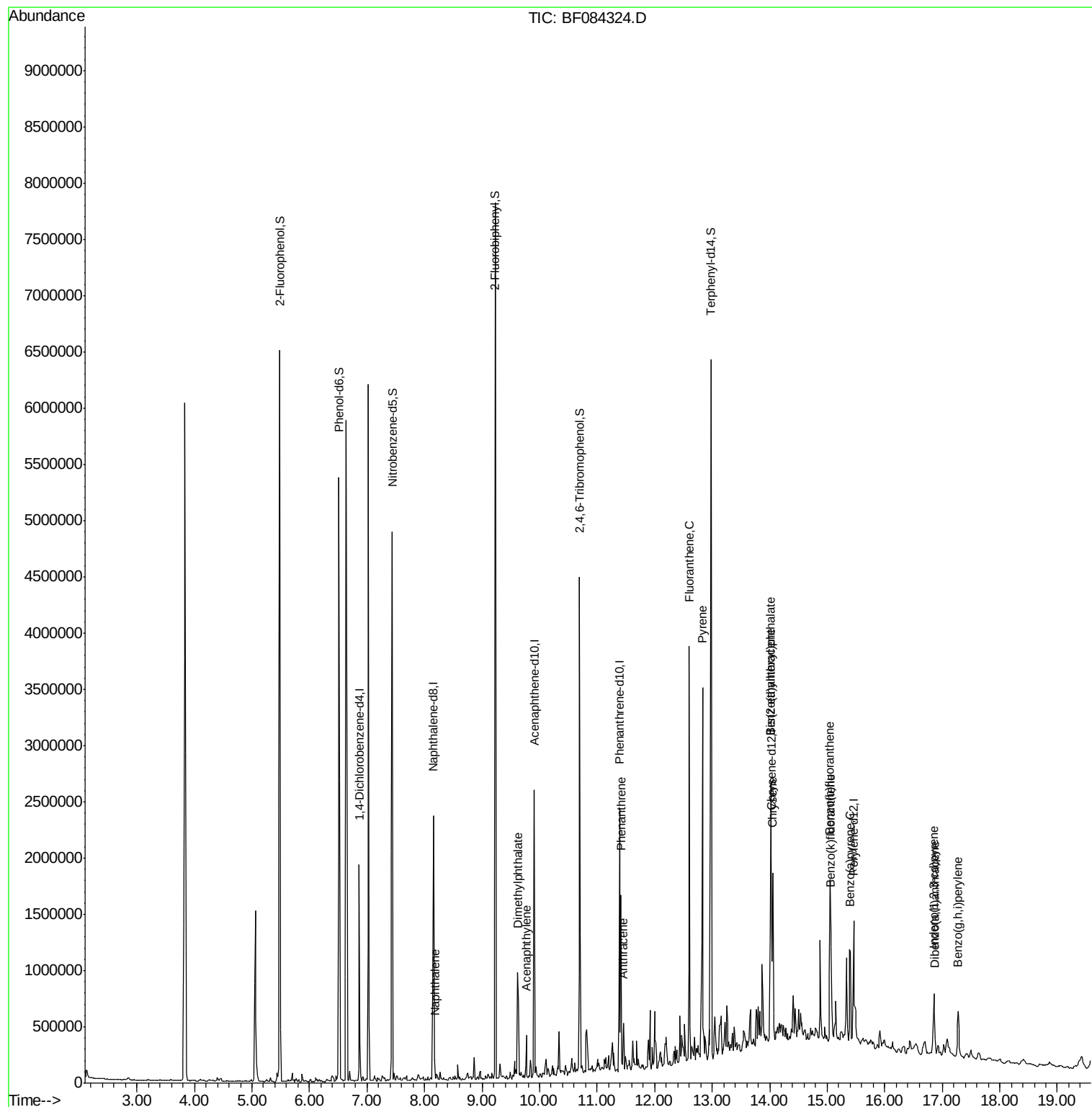
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084324.D
Acq On : 8 Jan 2016 3:24
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Misc :
ALS Vial : 19 Sample Multiplier: 1

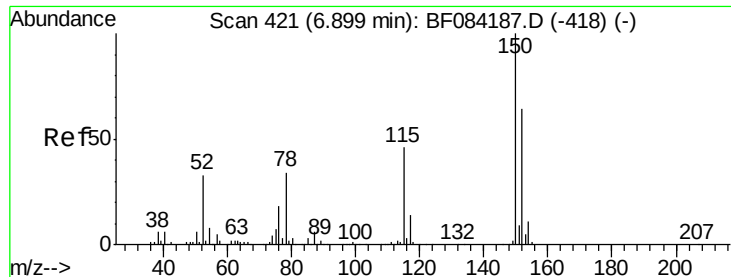
Instrument :
BNA_F
ClientSampleId :
OSSINING-STOCKPILE(0-2)

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Quant Time: Jan 08 06:00:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084324.D

Acq: 8 Jan 2016 3:24

Instrument :

BNA_F

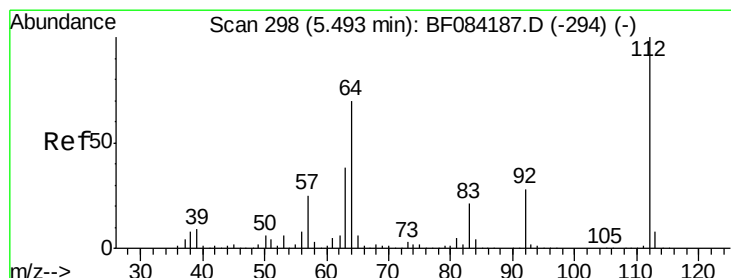
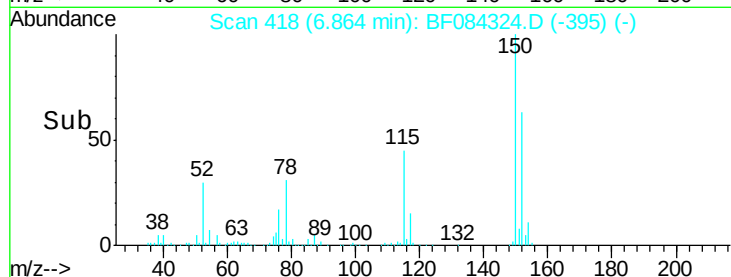
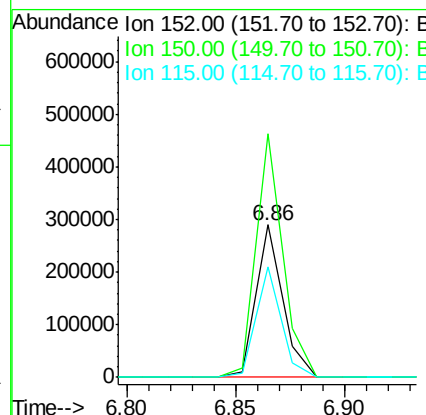
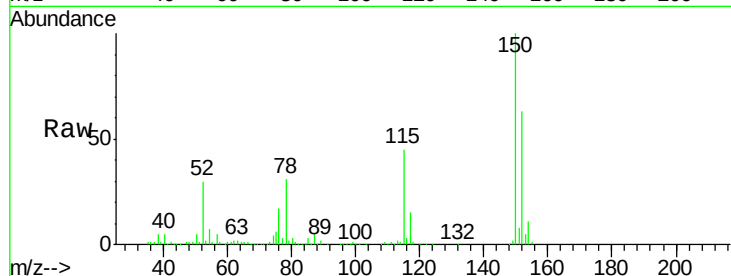
ClientSampleId :

OSSINING-STOCKPILE(0-2)

Tot Ion:	152	Resp:	246694
Ion Ratio	Lower	Upper	
152	100		
150	159.8	123.0	184.4
115	72.4	51.4	77.2

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#5

2-Fluorophenol

Concen: 114.32 ng

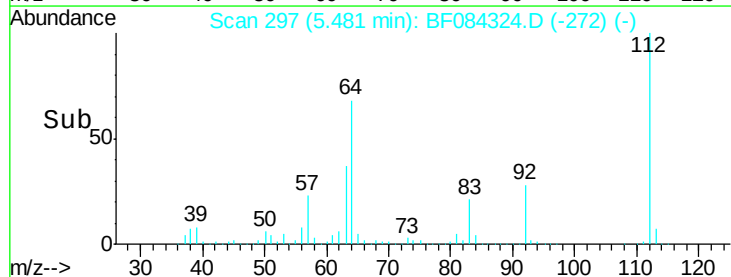
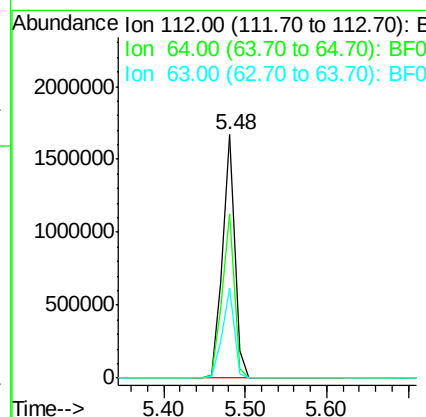
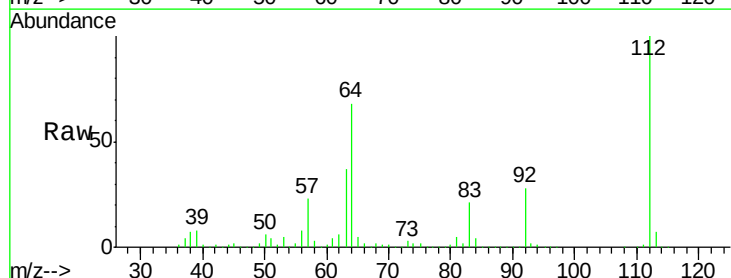
RT: 5.48 min Scan# 297

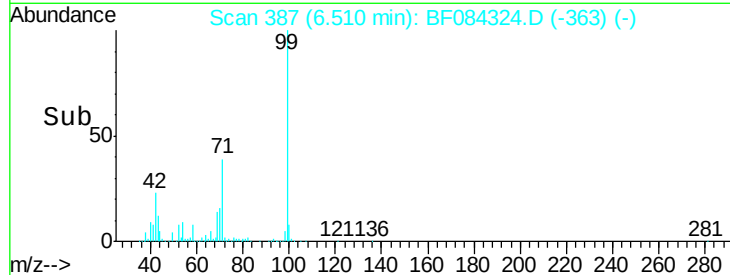
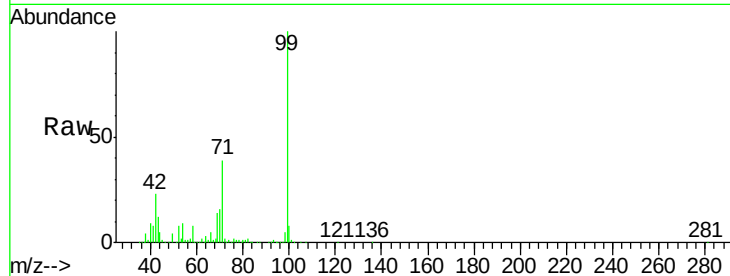
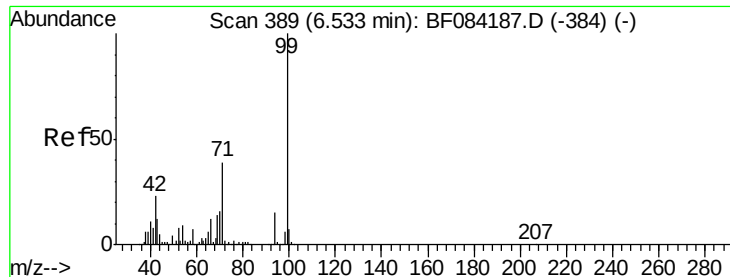
Delta R.T. -0.01 min

Lab File: BF084324.D

Acq: 8 Jan 2016 3:24

Tgt Ion:	112	Resp:	1743555
Ion Ratio	Lower	Upper	
112	100		
64	67.6	36.6	55.0#
63	36.9	19.4	29.0#





#7

Phenol-d6

Concen: 122.76 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084324.D

Acq: 8 Jan 2016 3:24

Tot Ion: 99 Resp: 2351407

Ion Ratio Lower Upper

99 100

42 22.8 12.8 19.2#

71 39.3 30.9 46.3

Instrument :

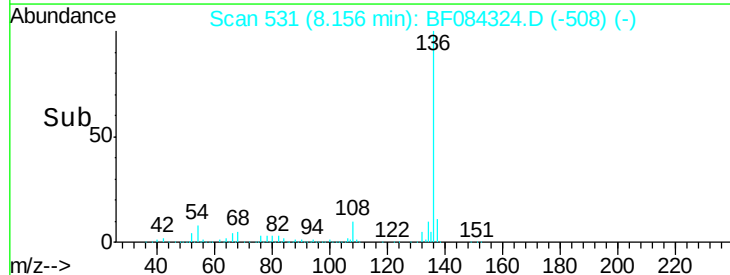
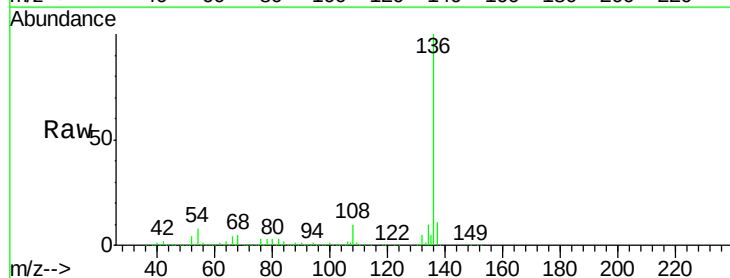
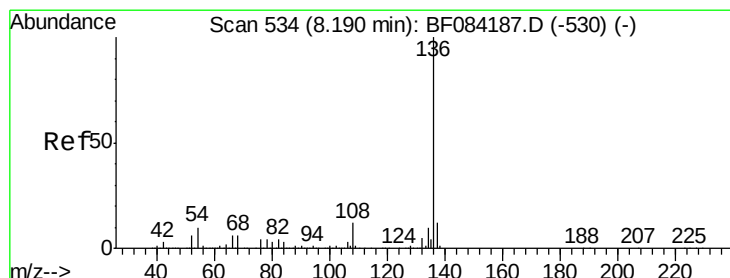
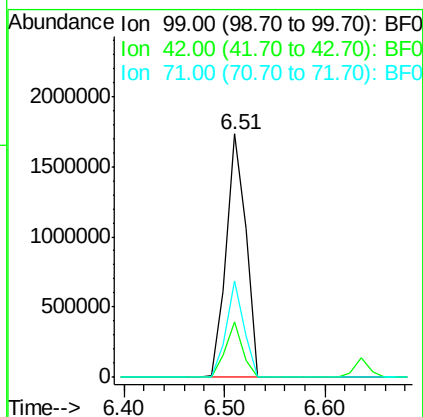
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ClientSampleId :

OSSINING-STOCKPILE(0-2)

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084324.D

Acq: 8 Jan 2016 3:24

Tgt Ion:136 Resp: 1072682

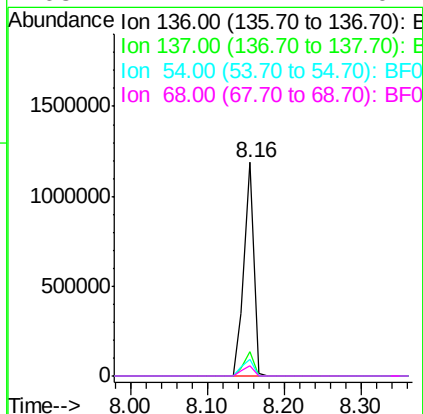
Ion Ratio Lower Upper

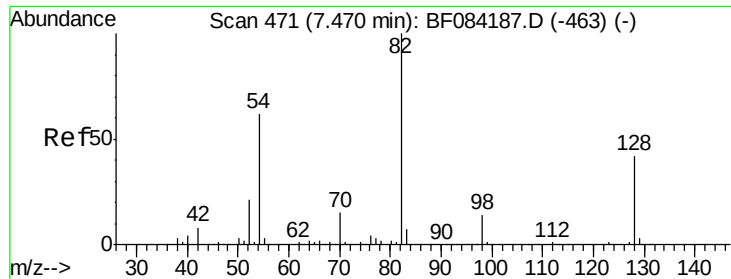
136 100

137 11.1 8.7 13.1

54 7.6 5.8 8.8

68 4.7 4.2 6.2





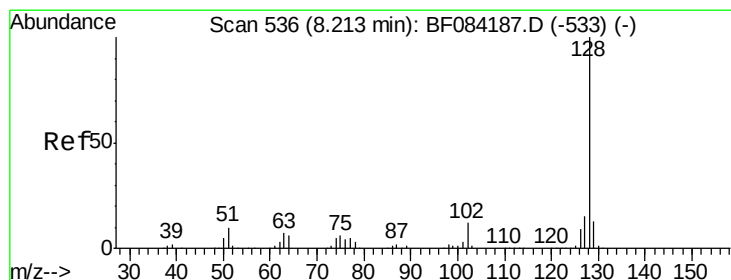
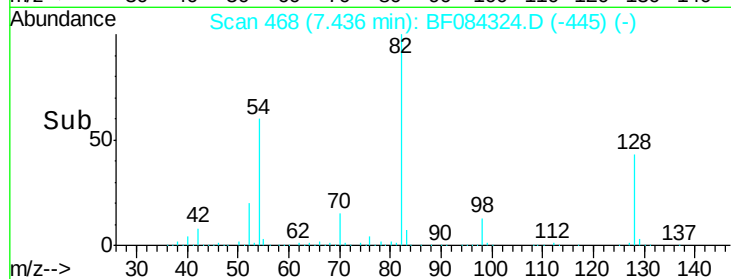
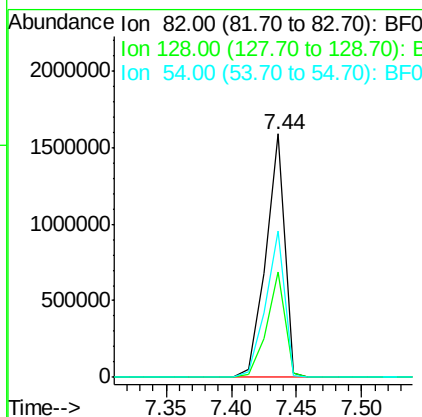
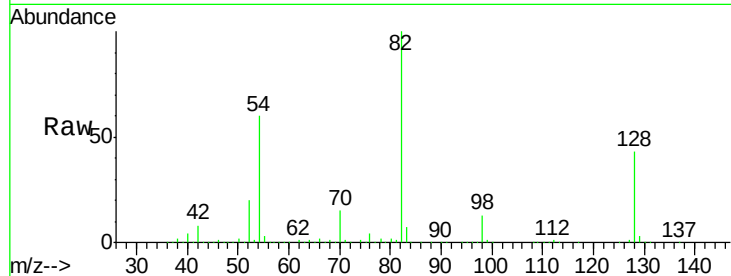
#23
 Nitrobenzene-d5
 Concen: 83.73 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084324.D
 Acq: 8 Jan 2016 3:24

Instrument :
 BNA_F
 ClientSampleId :
 OSSINING-STOCKPILE(0-2)

Tot Ion	82	Resp	1613711
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	60.2	38.4	57.6

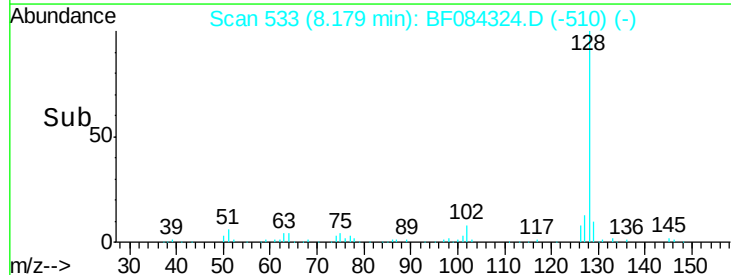
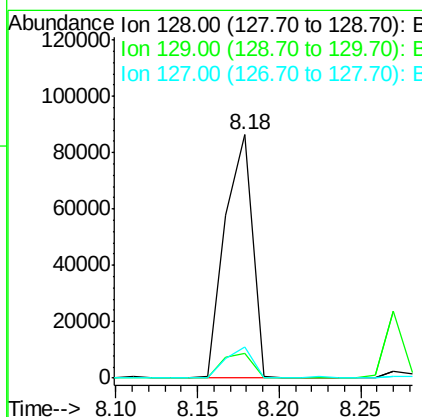
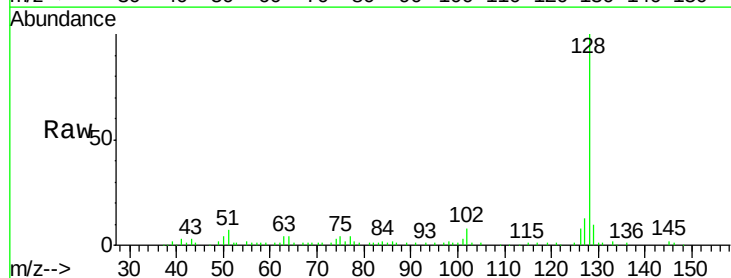
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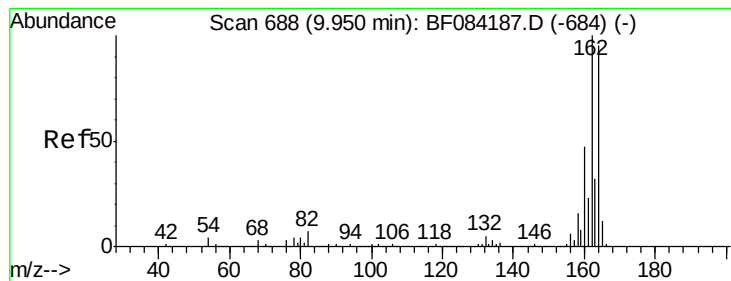
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#31
 Naphthalene
 Concen: 2.05 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.03 min
 Lab File: BF084324.D
 Acq: 8 Jan 2016 3:24

Tgt Ion	128	Resp	99764
Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.1	13.7
127	13.0	11.1	16.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084324.D

Acq: 8 Jan 2016 3:24

Instrument :

BNA_F

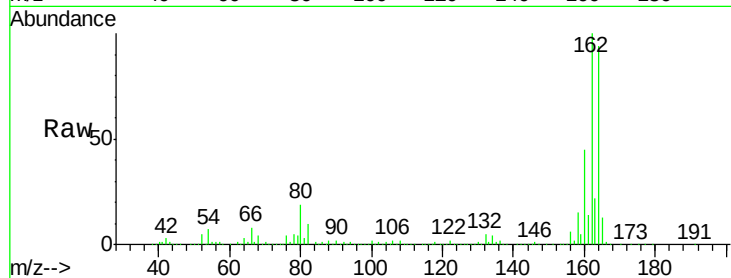
ClientSampleId :

OSSINING-STOCKPILE(0-2)

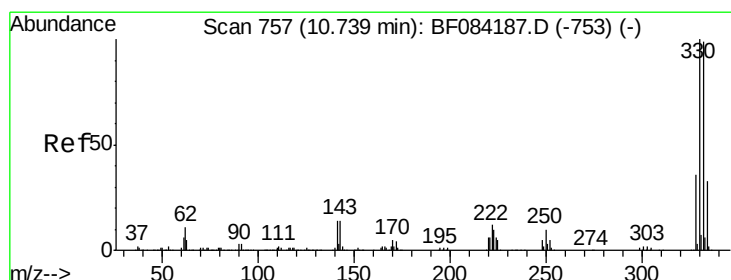
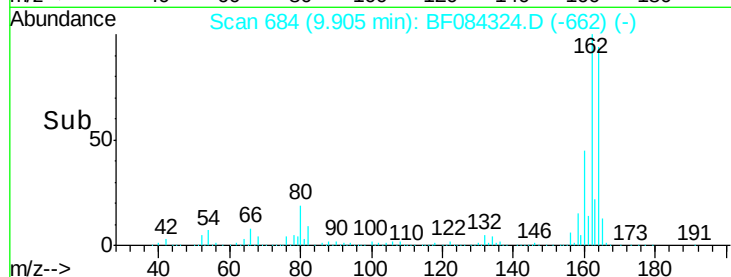
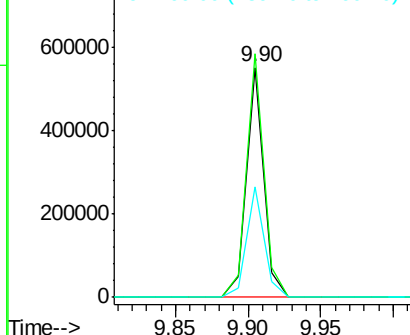
Tot Ion:	164	Resp:	453352
Ion Ratio	Lower	Upper	
164	100		
162	105.9	85.1	127.7
160	47.8	37.5	56.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 115.43 ng

RT: 10.69 min Scan# 753

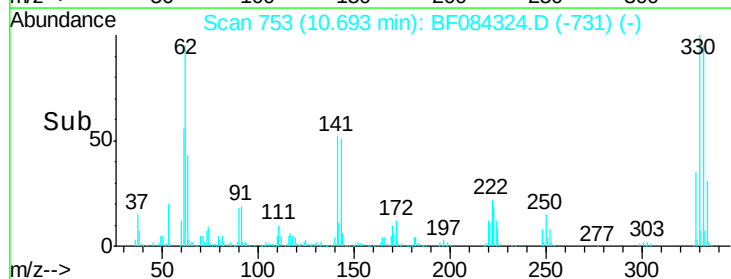
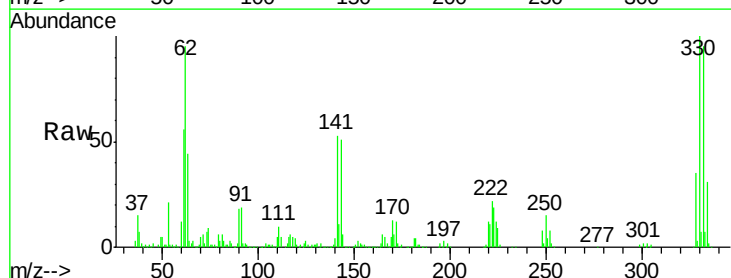
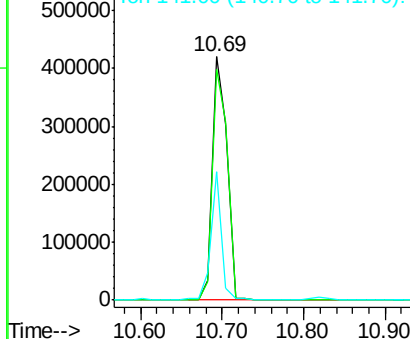
Delta R.T. -0.05 min

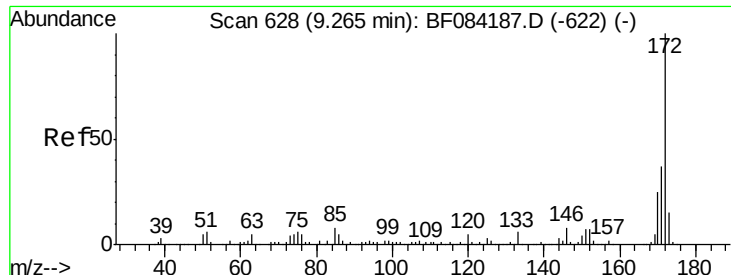
Lab File: BF084324.D

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Tgt Ion:	330	Resp:	528324
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.6	114.8
141	38.2	27.8	41.6

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





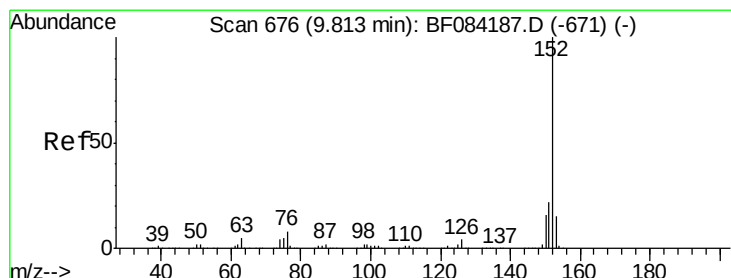
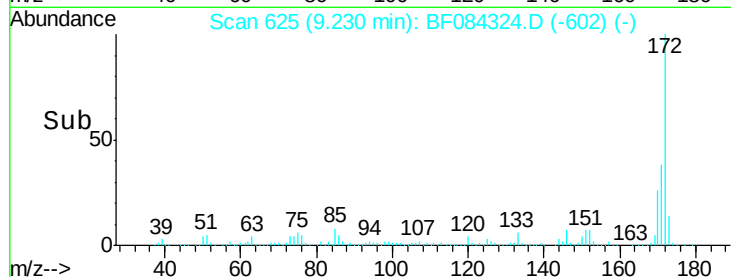
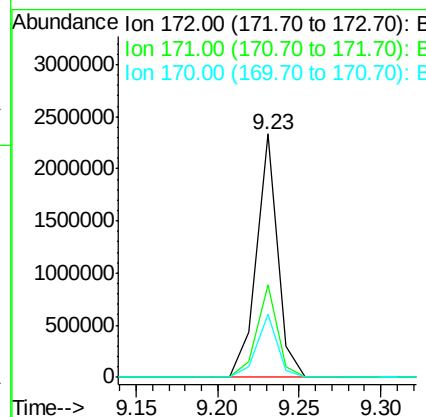
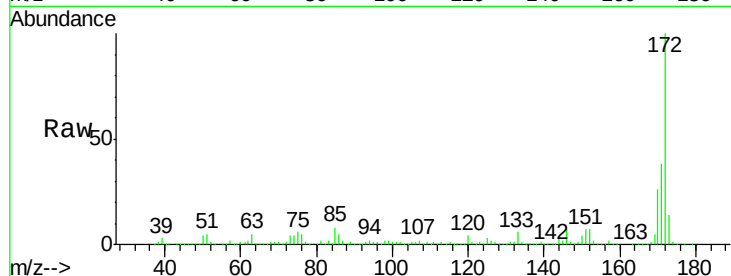
#44
2-Fluorobiphenyl
Concen: 81.78 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Instrument :
BNA_F
ClientSampleId :
OSSINING-STOCKPILE(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.9	43.3
170	25.9	18.6	27.8

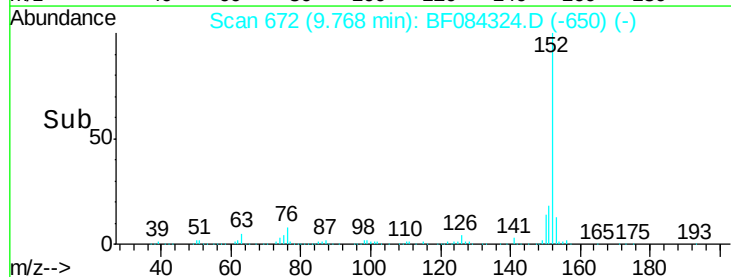
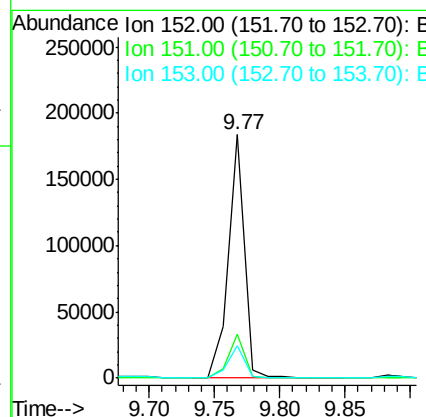
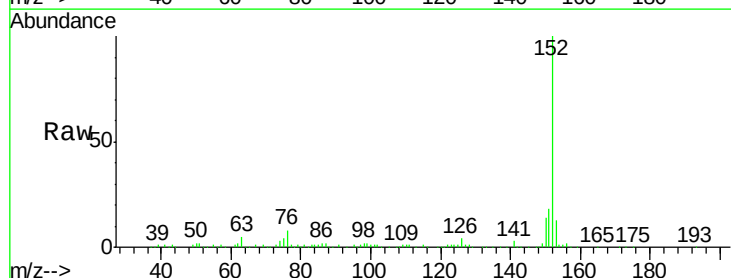
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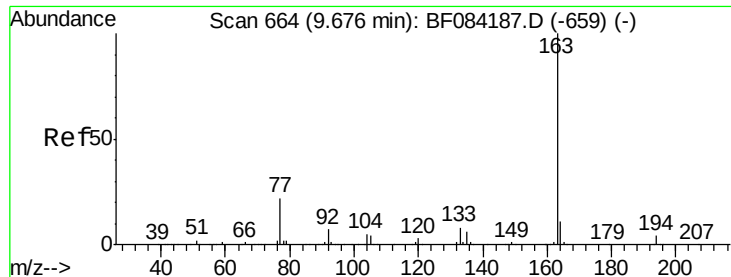
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#48
Acenaphthylene
Concen: 3.83 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.3	24.5
153	13.5	10.4	15.6





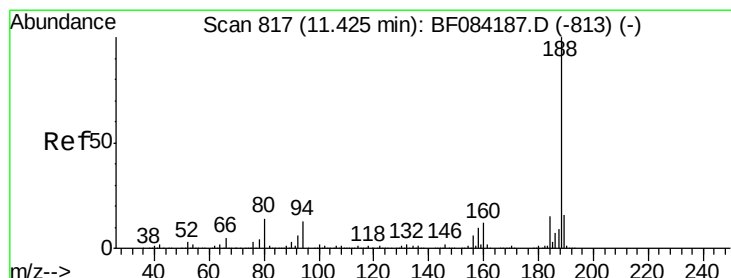
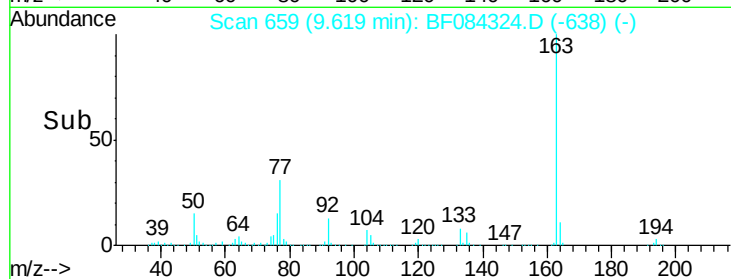
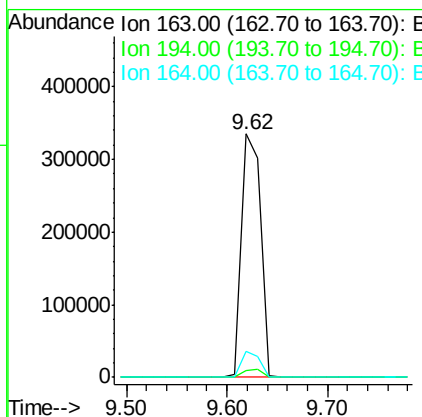
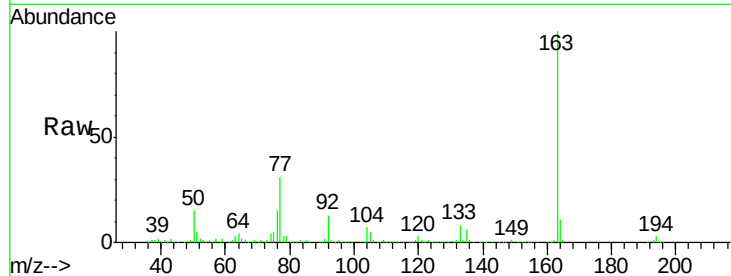
#49
Dimethylphthalate
Concen: 13.74 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Instrument :
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ClientSampleId :
OSSINING-STOCKPILE(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	445208		
194	3.0	8.0	12.0#	
164	10.9	8.0	12.0	

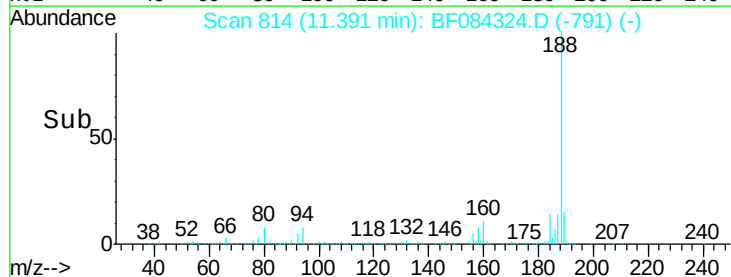
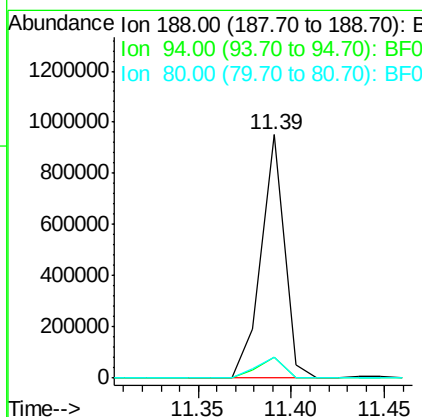
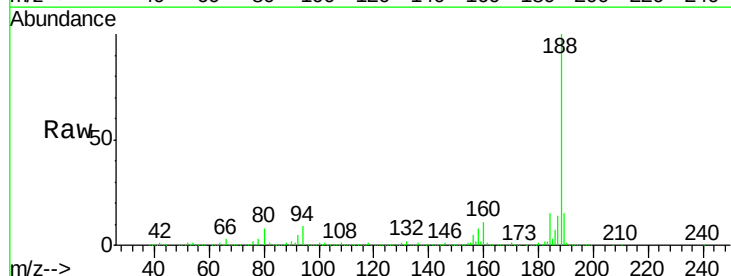
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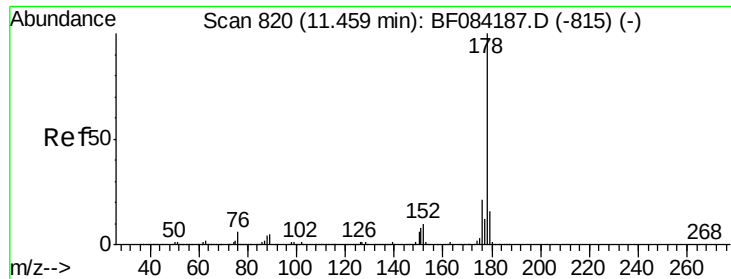
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	822297		
94	8.5	9.0	13.4#	
80	8.5	9.6	14.4#	





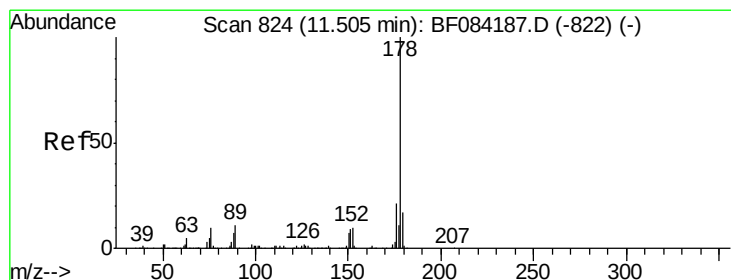
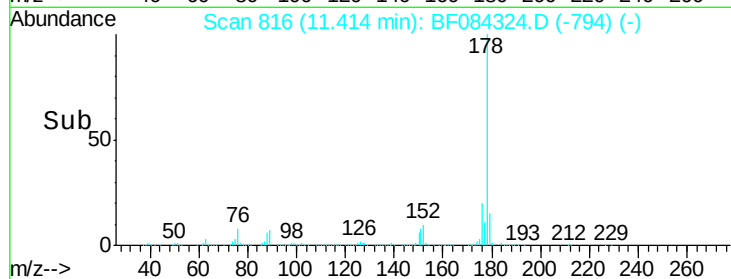
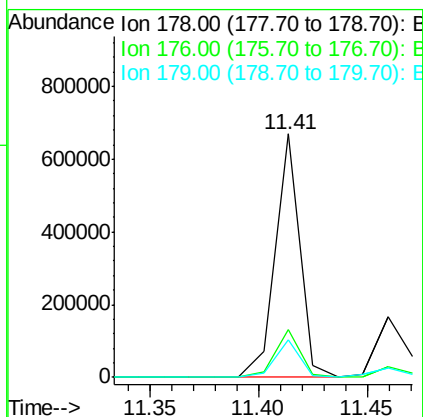
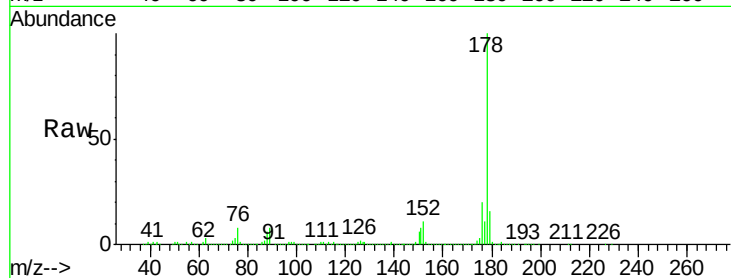
#70
Phenanthrene
Concen: 12.36 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Instrument :
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ClientSampleId :
OSSINING-STOCKPILE(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.6	12.0	18.0

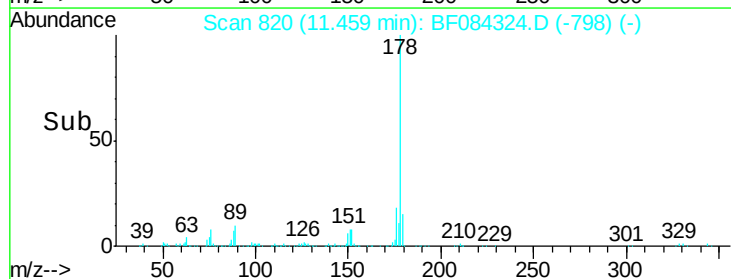
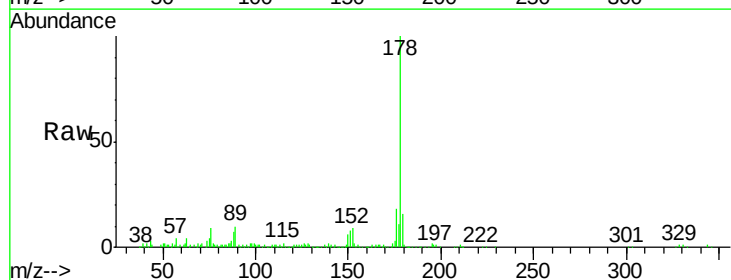
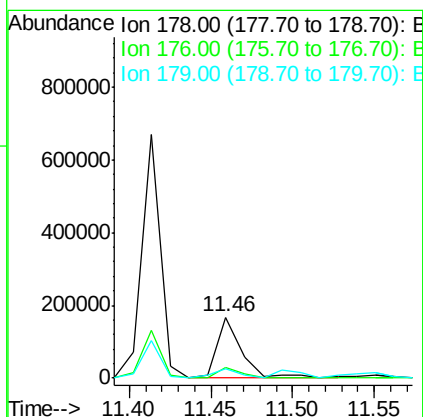
Manual Integrations
APPROVED

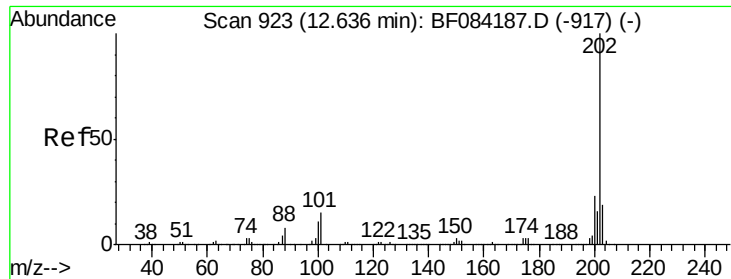
UMANGI
1/8/2016 10:43:09 AM



#71
Anthracene
Concen: 3.92 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.04 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.8	12.5	18.7





#74

Fluoranthene

Concen: 30.86 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084324.D

Acq: 8 Jan 2016 3:24

Instrument :

BNA_F

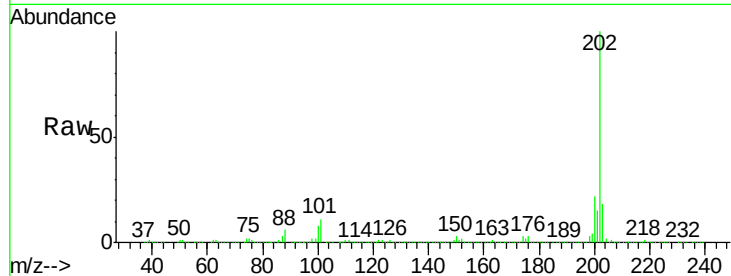
ClientSampleId :

OSSINING-STOCKPILE(0-2)

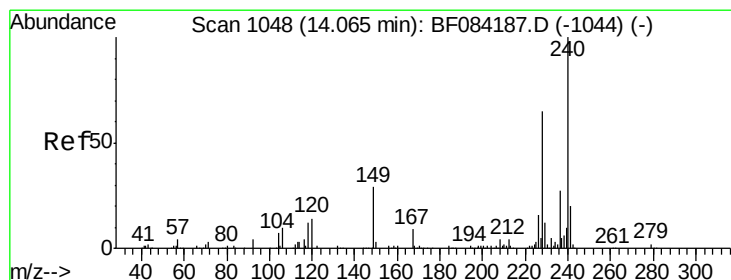
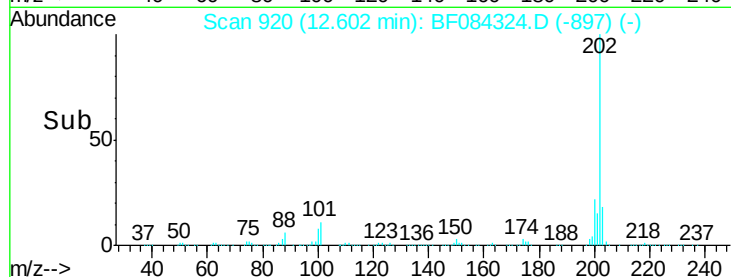
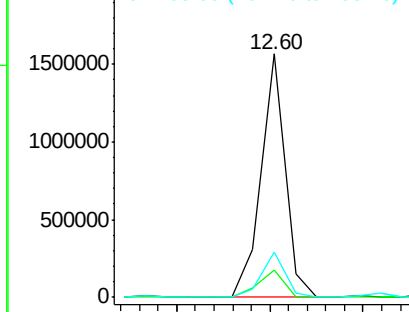
Tot Ion:	202	Resp:	1386504
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	32.8
203	18.5	0.0	37.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

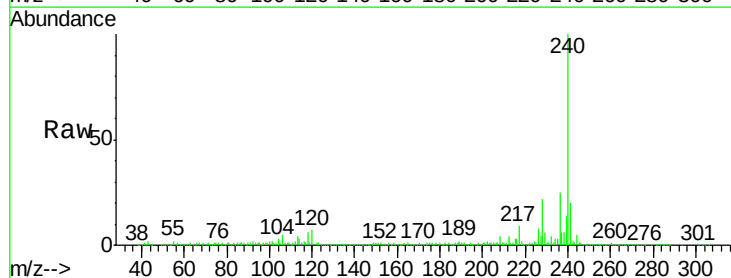
RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

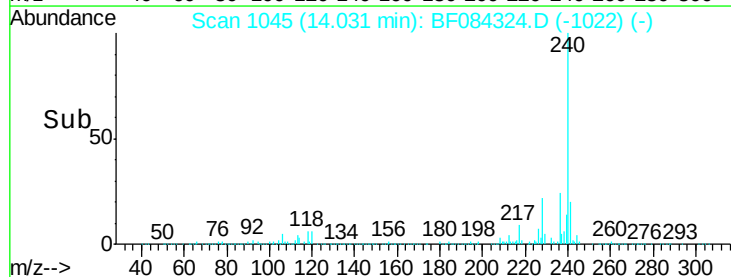
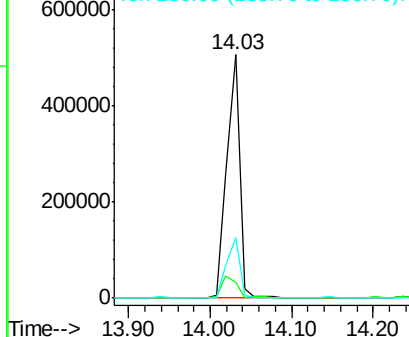
Lab File: BF084324.D

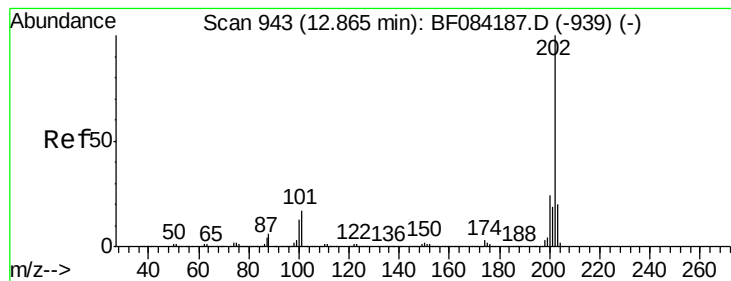
Acq: 8 Jan 2016 3:24

Tgt Ion:	240	Resp:	544525
Ion Ratio	Lower	Upper	
240	100		
120	6.6	9.5	14.3#
236	25.1	20.6	31.0



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





#77

Pvrene

Concen: 30.15 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084324.D

Acq: 8 Jan 2016 3:24

Instrument :

BNA_F

ClientSampleId :

OSSINING-STOCKPILE(0-2)

Tot Ion:202 Resp: 1288448

Ion Ratio Lower Upper

202 100

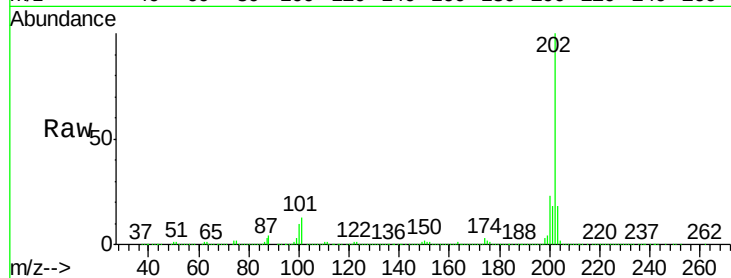
200 22.6 17.2 25.8

203 18.4 14.3 21.5

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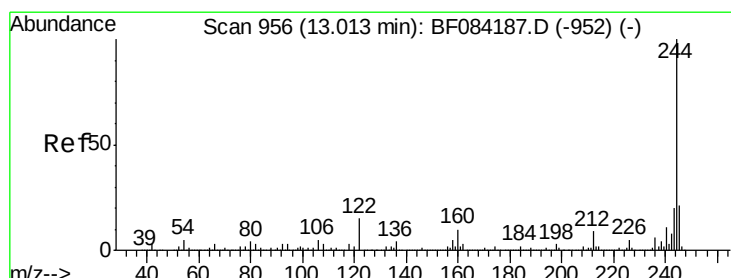
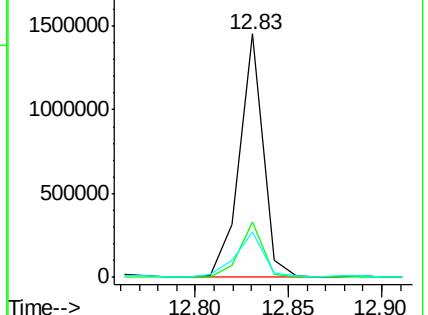
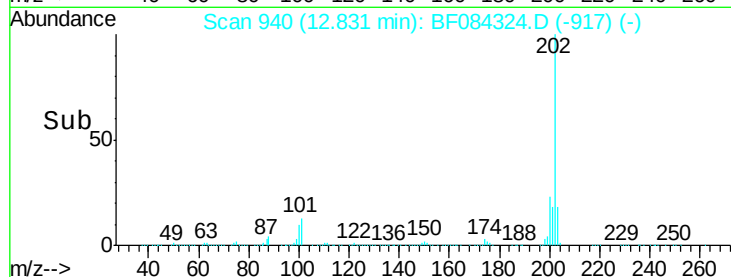
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.09 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084324.D

Acq: 8 Jan 2016 3:24

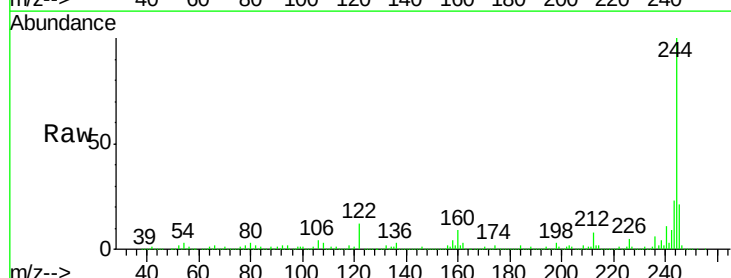
Tgt Ion:244 Resp: 1856093

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

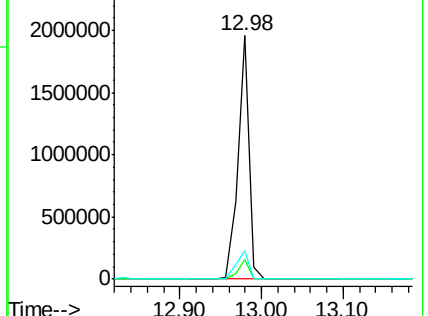
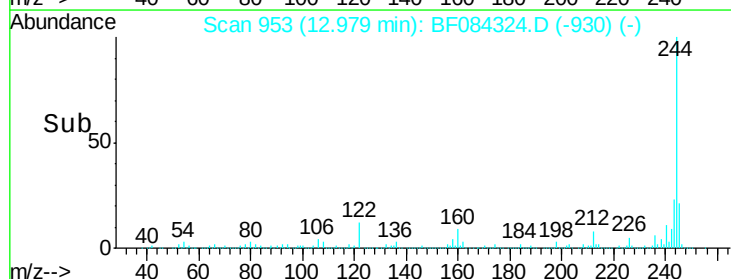
122 11.8 7.4 11.0#

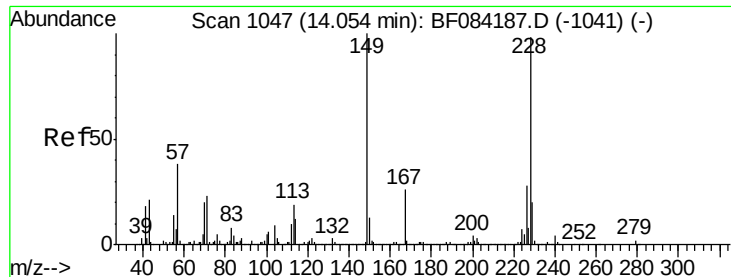


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





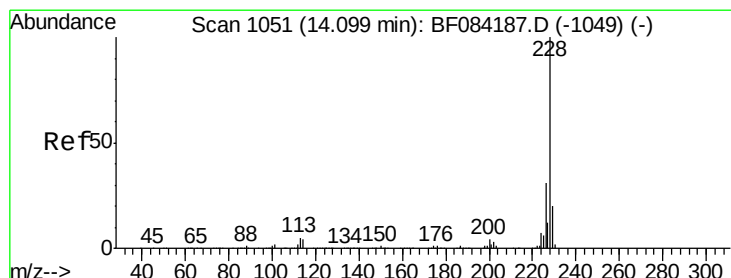
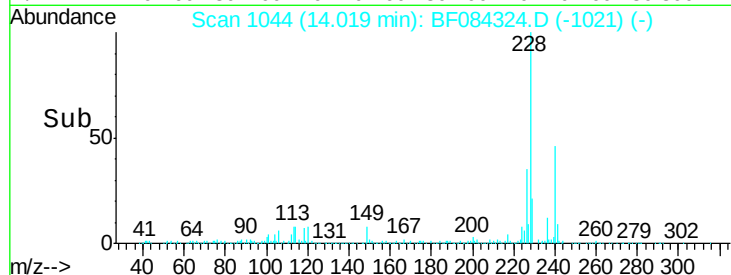
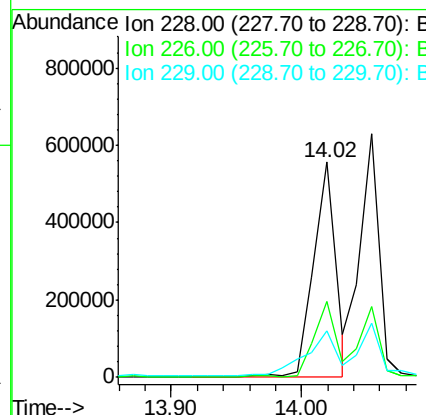
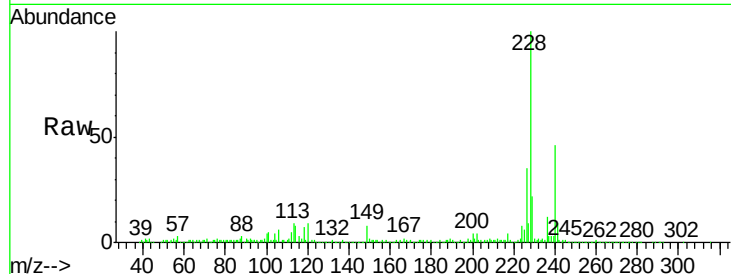
#80
Benzo(a)anthracene
Concen: 20.40 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Instrument :
BNA_F
ClientSampleId :
OSSINING-STOCKPILE(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.4	21.8	32.6#
229	21.8	15.8	23.8

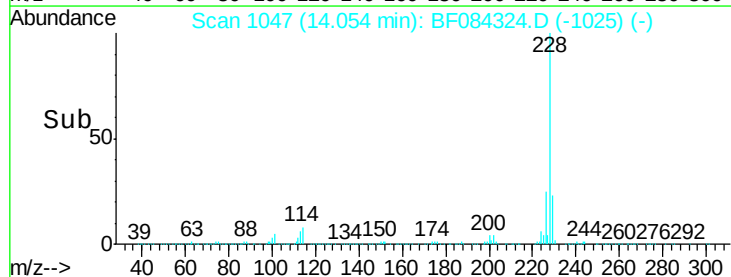
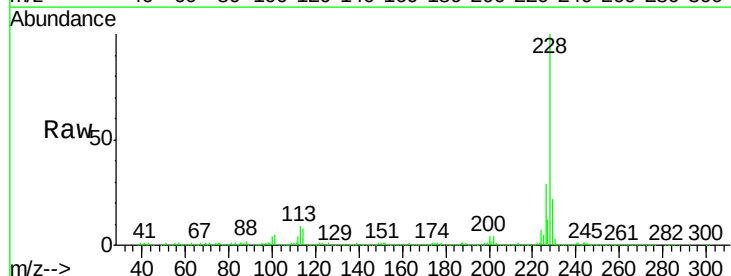
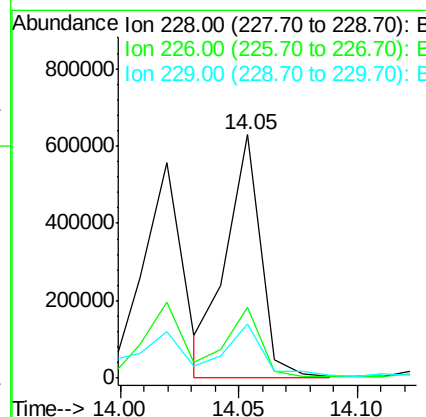
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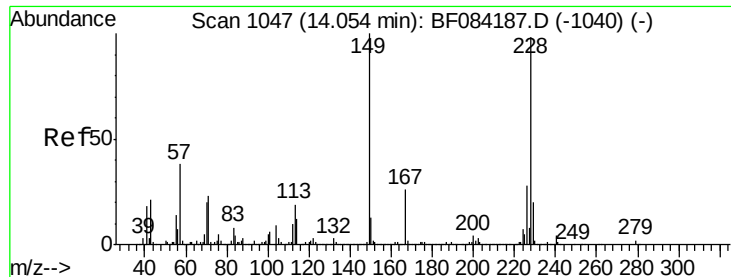
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#82
Chrysene
Concen: 20.81 ng m
RT: 14.05 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.3	36.5
229	22.1	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.37 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF084324.D

Acq: 8 Jan 2016 3:24

Instrument :

BNA_F

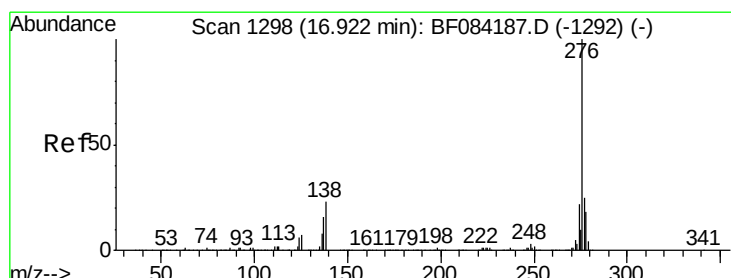
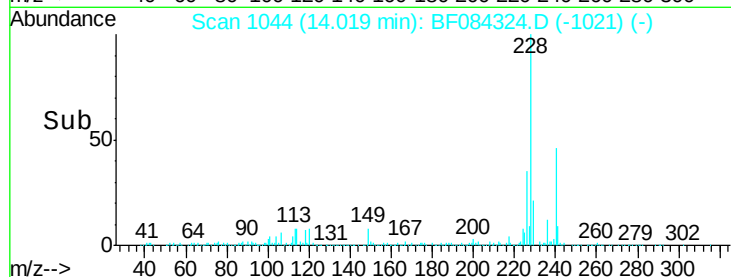
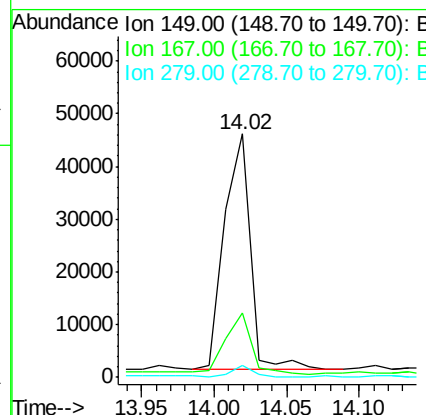
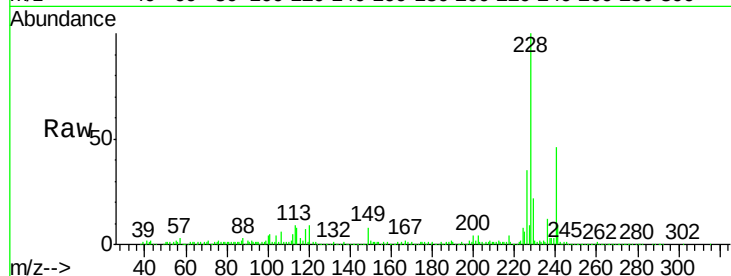
ClientSampleId :

OSSINING-STOCKPILE(0-2)

Tot Ion:	149	Resp:	55440
Ion Ratio	Lower	Upper	
149	100		
167	26.5	19.7	29.5
279	4.8	1.8	2.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 14.75 ng

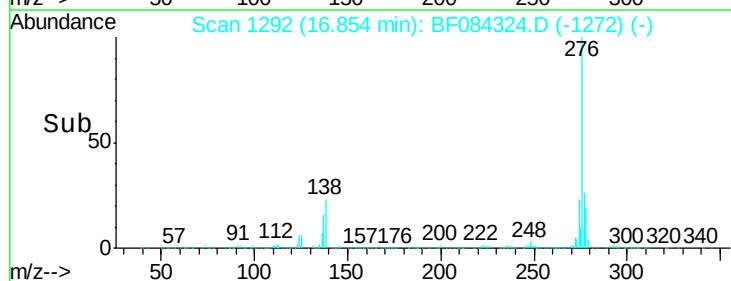
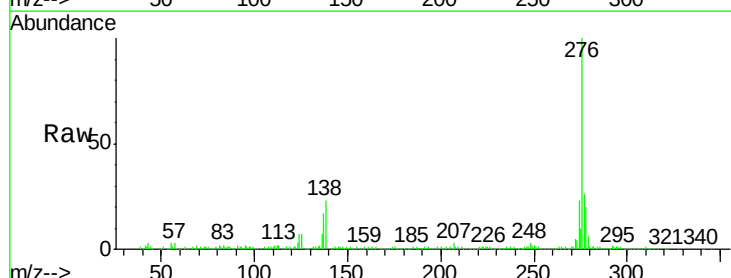
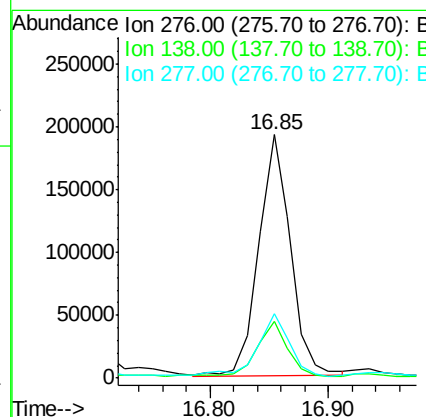
RT: 16.85 min Scan# 1292

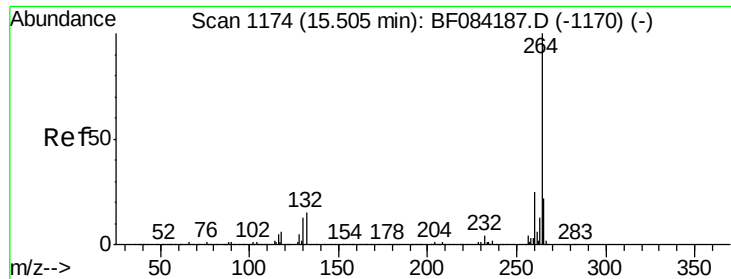
Delta R.T. -0.07 min

Lab File: BF084324.D

Acq: 8 Jan 2016 3:24

Tgt Ion:	276	Resp:	359210
Ion Ratio	Lower	Upper	
276	100		
138	22.3	20.6	30.8
277	26.4	20.1	30.1





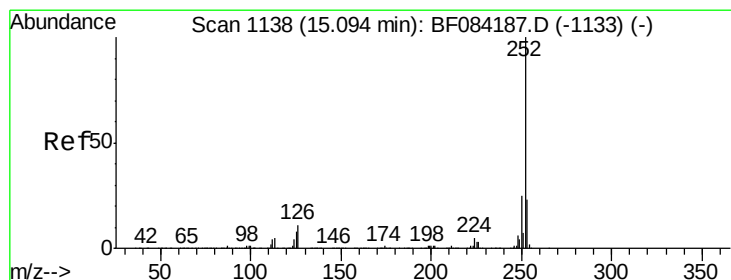
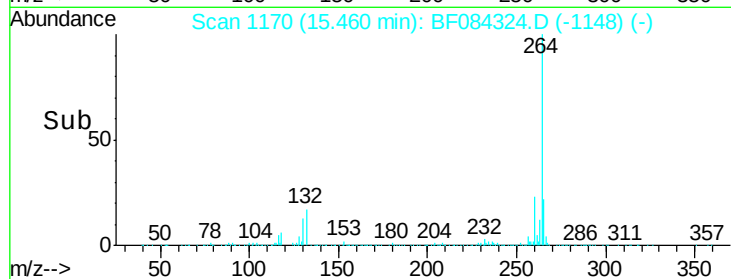
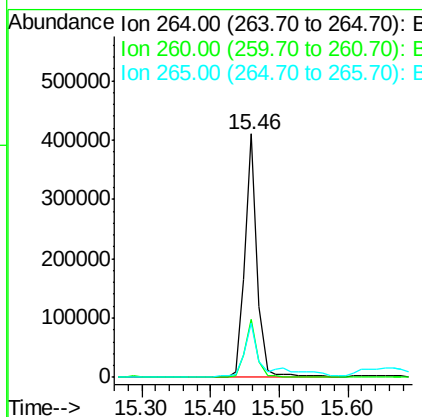
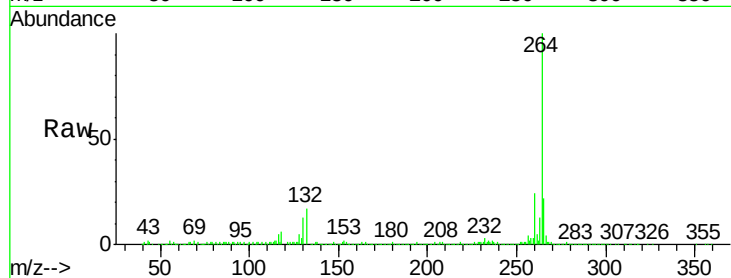
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Instrument :
BNA_F
ClientSampleId :
OSSINING-STOCKPILE(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.3	17.8	26.6

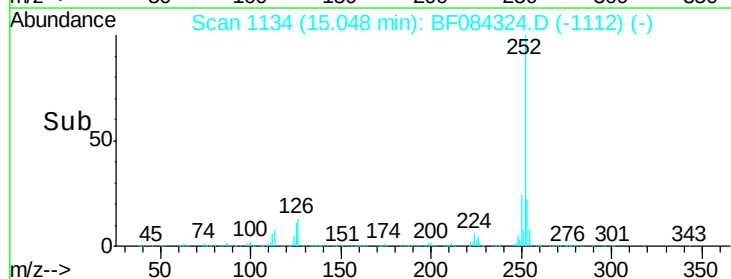
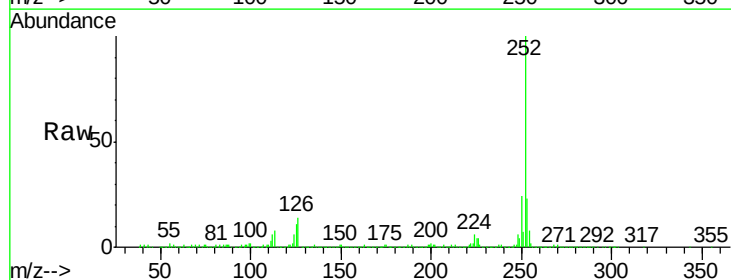
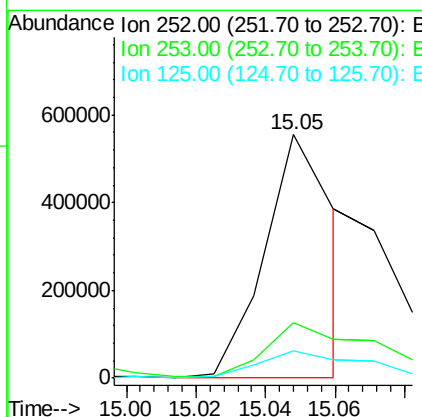
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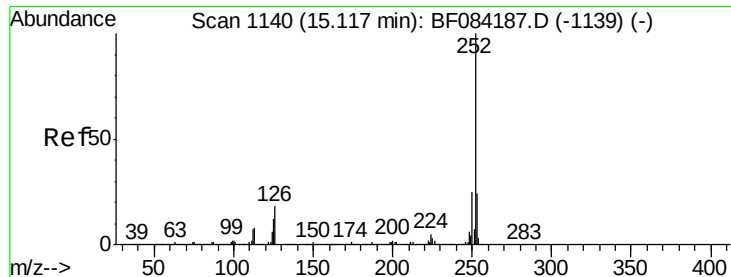
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#87
Benzo(b)fluoranthene
Concen: 23.53 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.1	6.5	9.7#





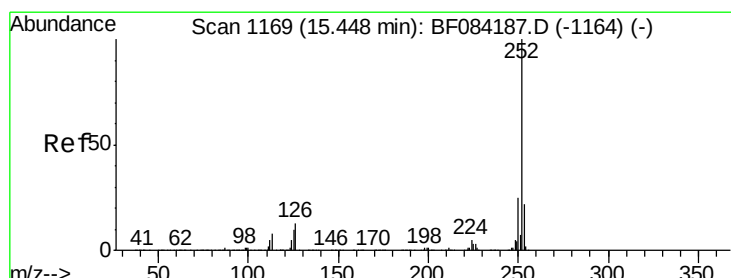
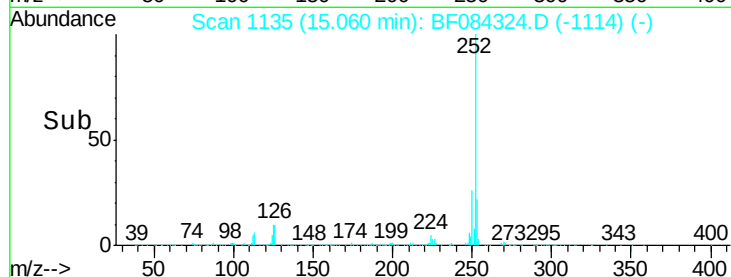
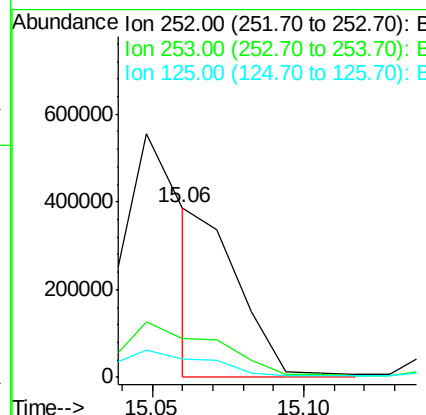
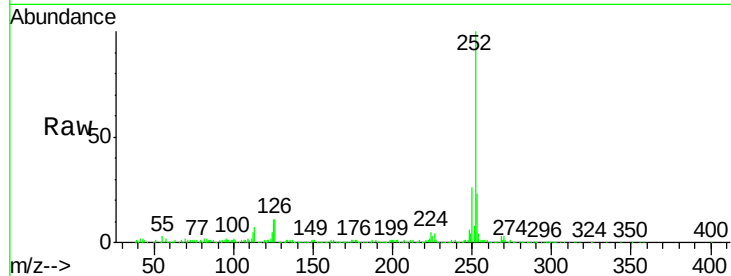
#88
Benzo(k)fluoranthene
Concen: 12.98 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.06 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Instrument :
BNA_F
ClientSampleId :
OSSINING-STOCKPILE(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.1	9.0	13.6

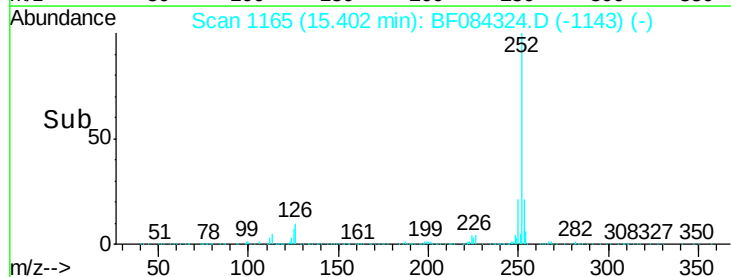
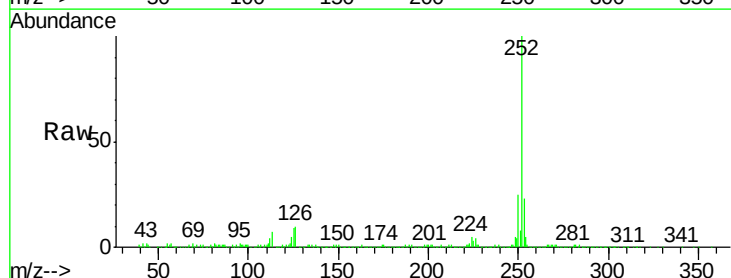
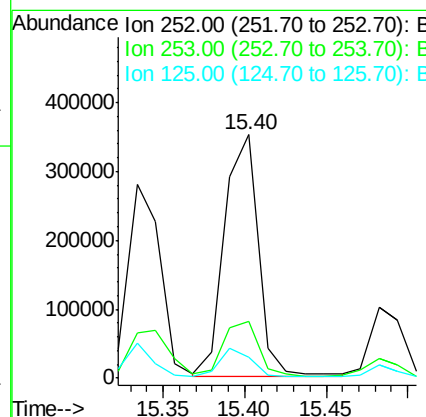
Manual Integrations
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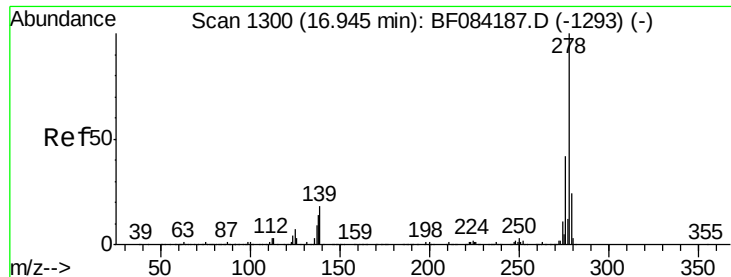
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#89
Benzo(a)pyrene
Concen: 17.89 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	8.7	7.0	10.4





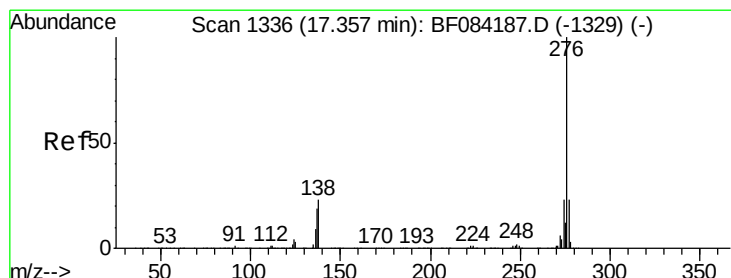
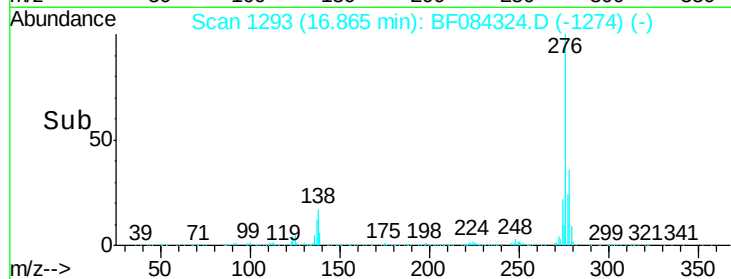
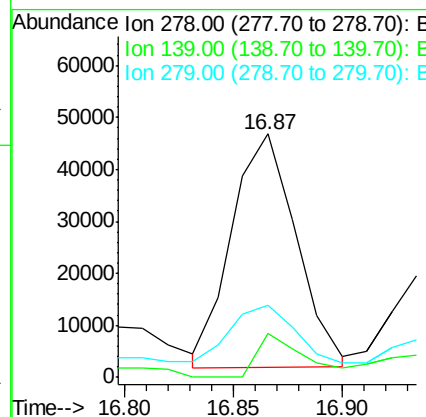
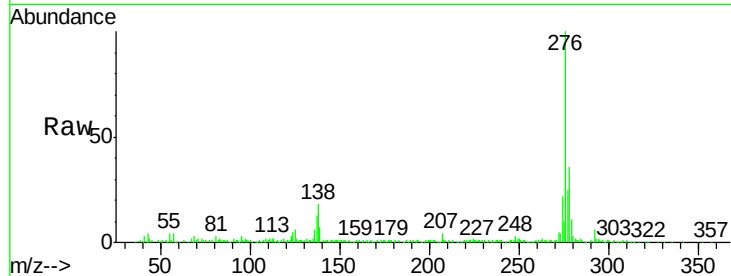
#90
Dibenzo(a,h)anthracene
Concen: 3.83 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.08 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Instrument :
BNA_F
ClientSampleId :
OSSINING-STOCKPILE(0-2)

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.0	22.4
279	29.9	18.9	28.3

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 12.79 ng
RT: 17.28 min Scan# 1329
Delta R.T. -0.08 min
Lab File: BF084324.D
Acq: 8 Jan 2016 3:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.6	17.8	26.6

