

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083291.D
 Acq On : 25 Nov 2015 23:47
 Operator : UM/IZ
 Sample : G4567-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB3

Manual Integrations
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 11/26/2015 6:43:44 PM

Quant Time: Nov 26 03:01:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	149443	20.00	ng	-0.08
21) Naphthalene-d8	7.87	136	556170	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	260836	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	417874	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	404014	20.00	ng	-0.08
86) Perylene-d12	15.07	264	367342	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	948572	95.96	ng	-0.09
7) Phenol-d6	6.26	99	1346271	105.26	ng	-0.08
23) Nitrobenzene-d5	7.15	82	837864	68.84	ng	-0.08
41) 2,4,6-Tribromophenol	10.41	330	202630	75.93	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1317040	70.41	ng	-0.07
78) Terphenyl-d14	12.69	244	956382	55.74	ng	-0.08
Target Compounds						Qvalue
31) Naphthalene	7.90	128	101445	3.38	ng	97
37) 2-Methylnaphthalene	8.59	142	52917m	2.72	ng	
48) Acenaphthylene	9.48	152	94075	3.48	ng	99
49) Dimethylphthalate	9.36	163	303292	15.10	ng	98
70) Phenanthrene	11.12	178	324703	13.49	ng	98
71) Anthracene	11.18	178	90543	3.69	ng	97
74) Fluoranthene	12.31	202	514999	20.90	ng	95
77) Pyrene	12.53	202	749185	27.14	ng	99
80) Benzo(a)anthracene	13.71	228	350816	14.04	ng	# 86
82) Chrysene	13.75	228	352153m	15.20	ng	
85) Indeno(1,2,3-cd)pyrene	16.30	276	186887	8.87	ng	99
87) Benzo(b)fluoranthene	14.72	252	355633m	14.17	ng	
88) Benzo(k)fluoranthene	14.72	252	177459m	9.49	ng	
89) Benzo(a)pyrene	15.02	252	354806	17.12	ng	# 94
90) Dibenzo(a,h)anthracene	16.31	278	41202m	2.19	ng	
91) Benzo(g,h,i)perylene	16.66	276	225918m	12.29	ng	

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

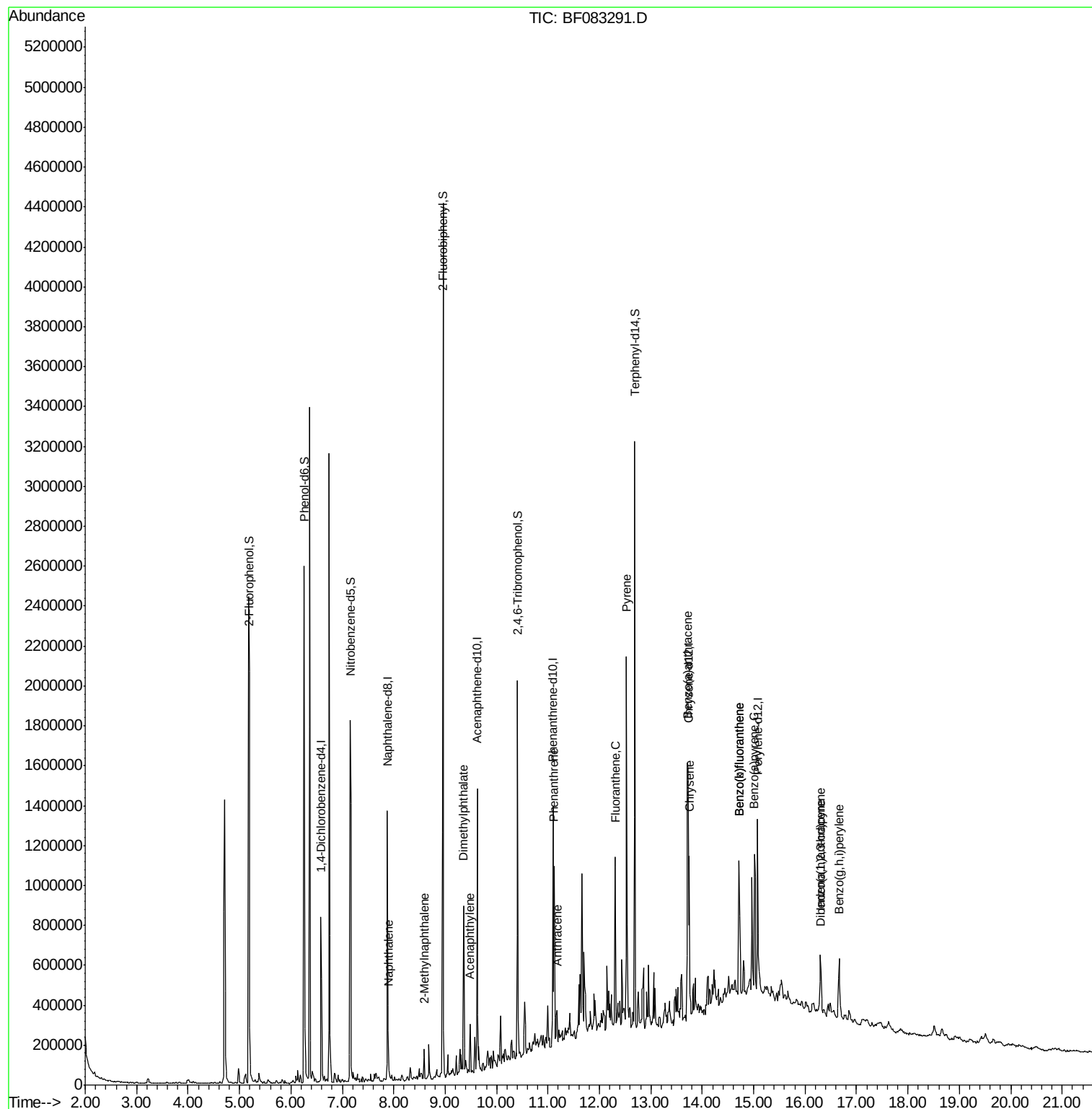
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
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ALS Vial : 18 Sample Multiplier: 1

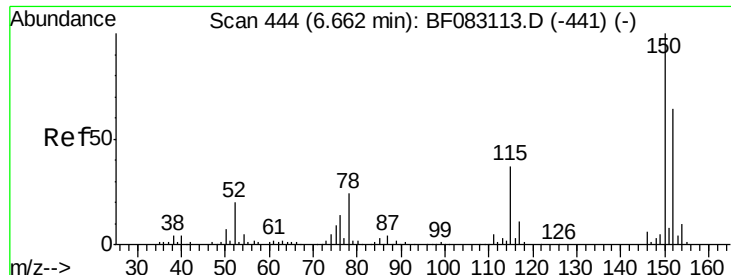
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB3

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Quant Time: Nov 26 03:01:21 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

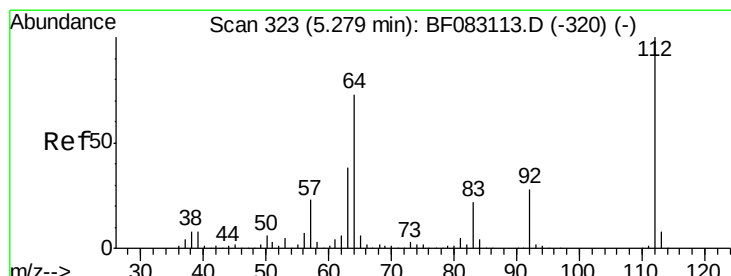
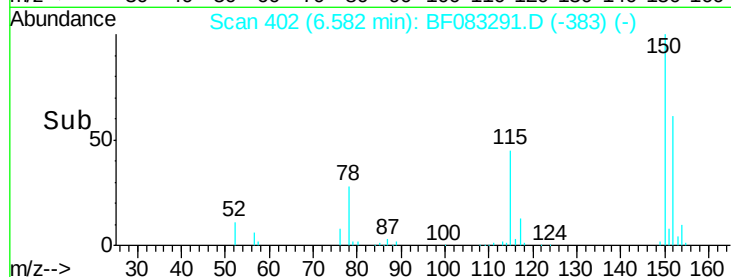
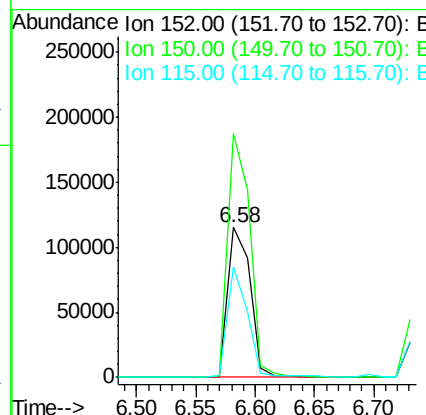
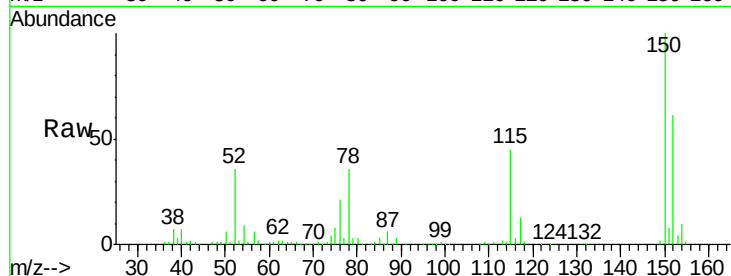
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 402
Delta R.T. -0.08 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB3

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	125.8	188.8
115	73.9	46.9	70.3

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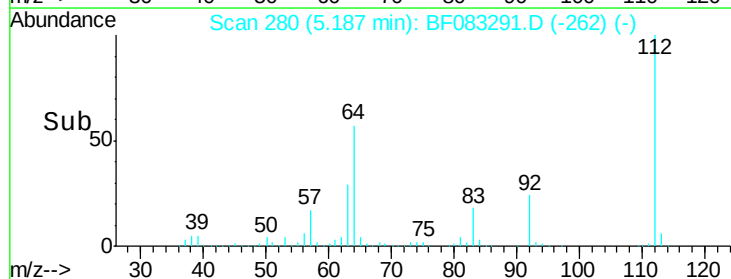
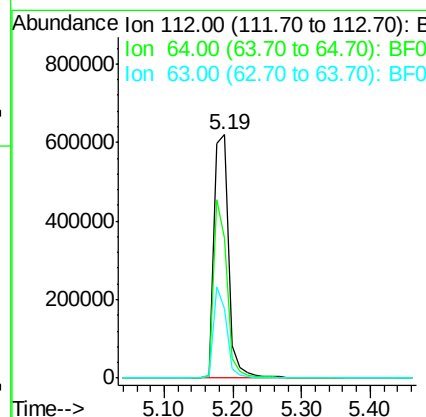
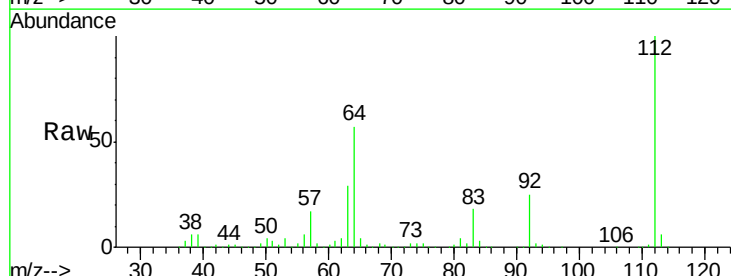
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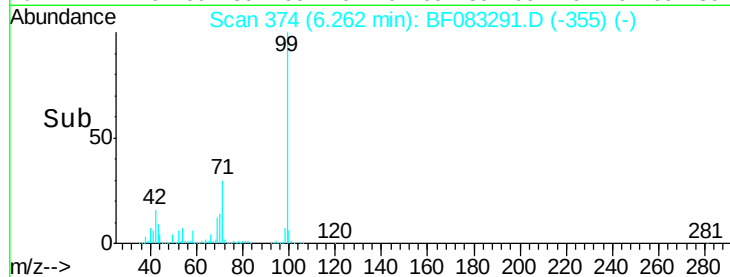
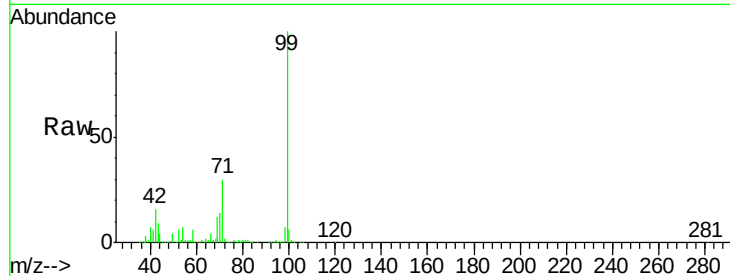
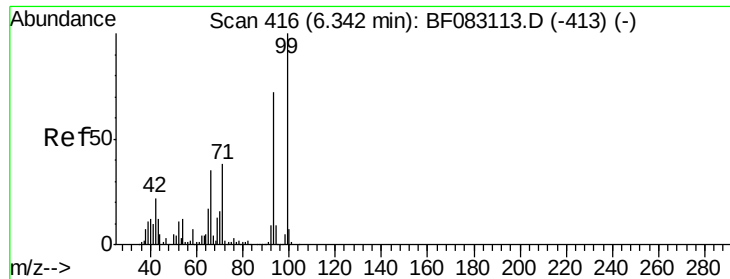


#5

2-Fluorophenol
Concen: 95.96 ng
RT: 5.19 min Scan# 280
Delta R.T. -0.09 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	58.4	87.6
63	28.8	30.0	45.0





#7

Phenol-d6

Concen: 105.26 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

Tot Ion: 99 Resp: 1346271

Ion Ratio Lower Upper

99 100

42 16.5 17.7 26.5#

71 29.9 30.2 45.4#

Instrument :

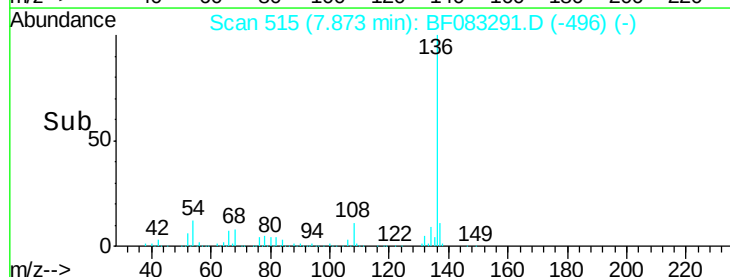
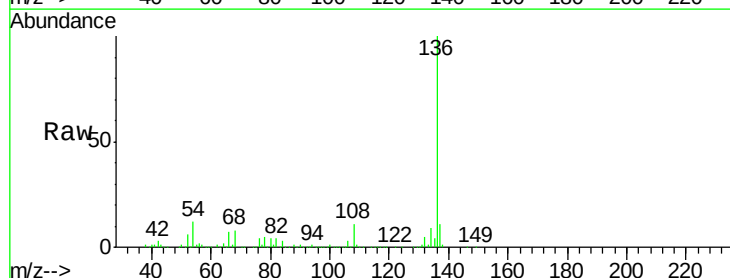
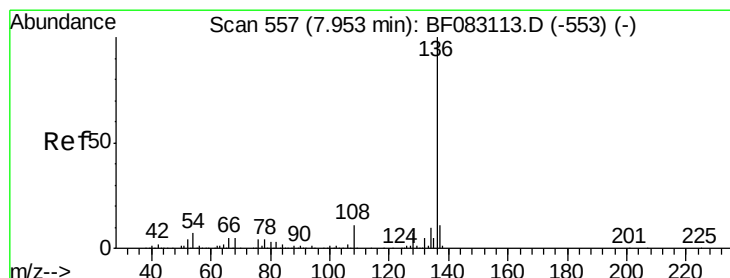
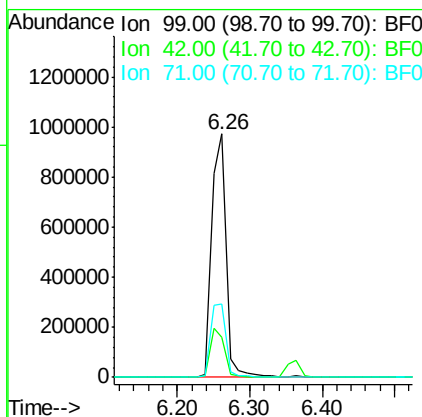
BNA_F

ClientSampleId :

STOCKPILE-GRAB3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

Tgt Ion: 136 Resp: 556170

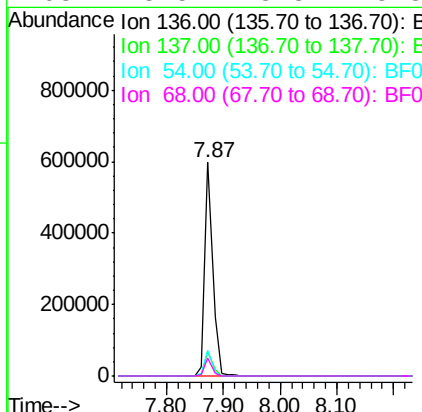
Ion Ratio Lower Upper

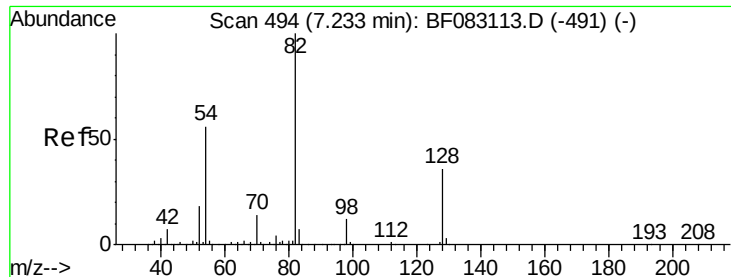
136 100

137 11.1 8.7 13.1

54 12.1 5.8 8.6#

68 8.5 3.8 5.8#





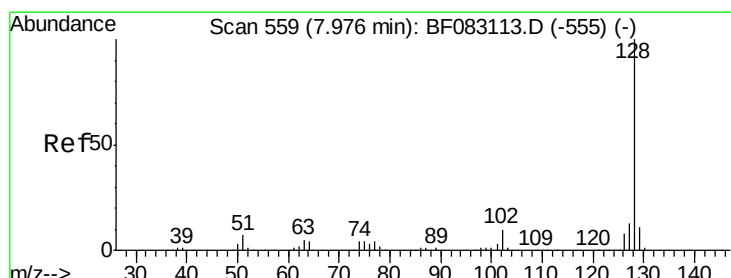
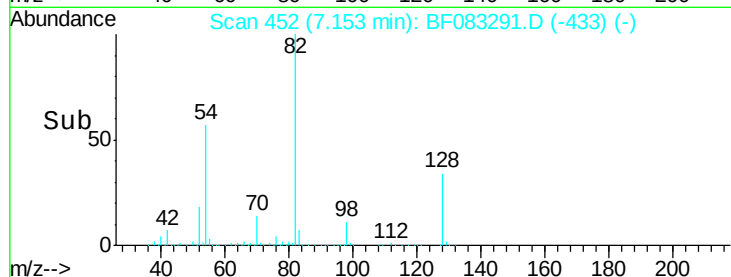
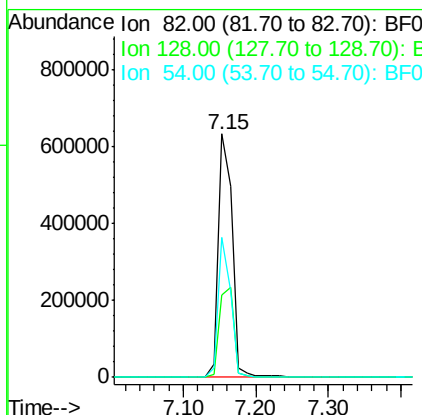
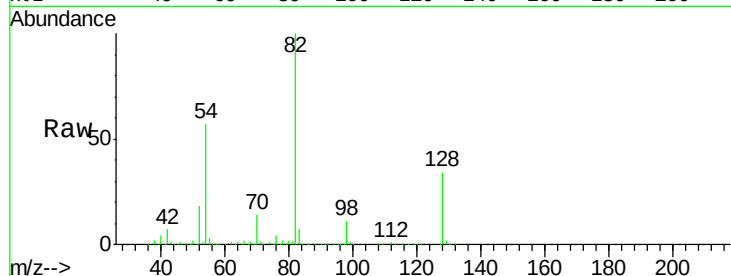
#23
Nitrobenzene-d5
Concen: 68.84 ng
RT: 7.15 min Scan# 452
Delta R.T. -0.08 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB3

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.0	28.5	42.7
54	57.3	44.6	67.0

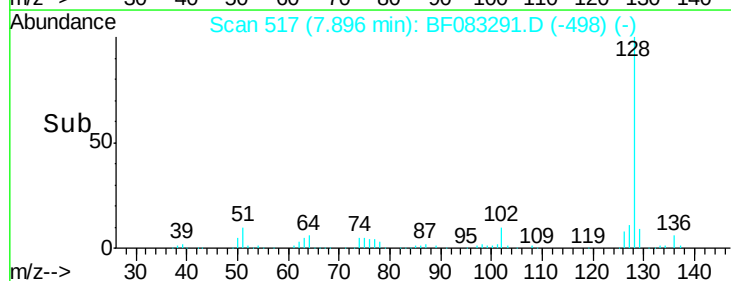
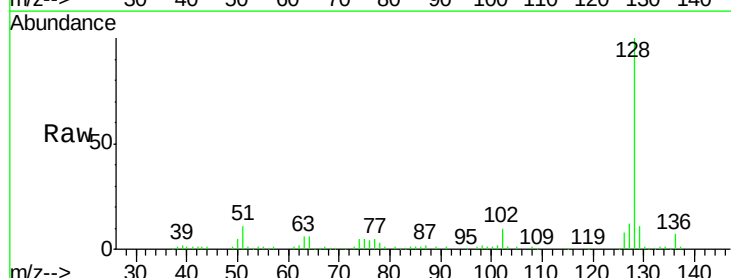
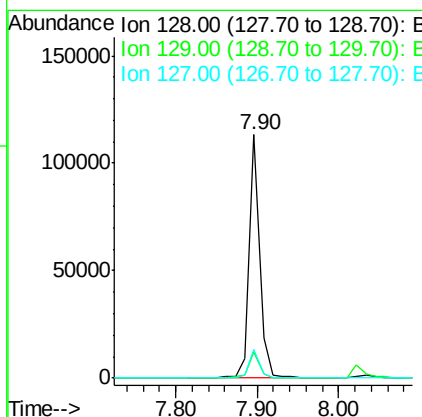
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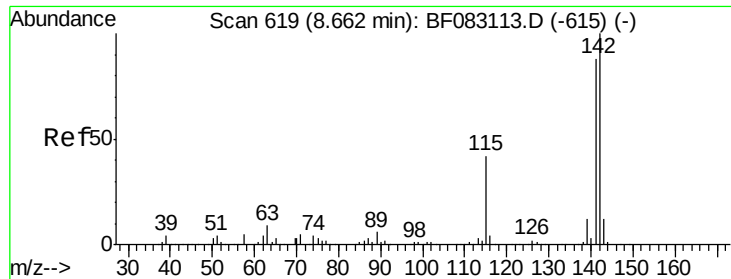
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#31
Naphthalene
Concen: 3.38 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.08 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	11.7	10.6	15.8





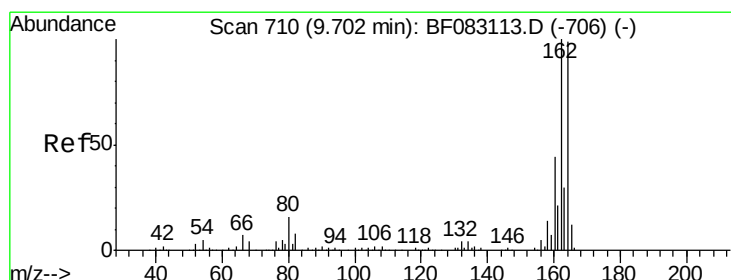
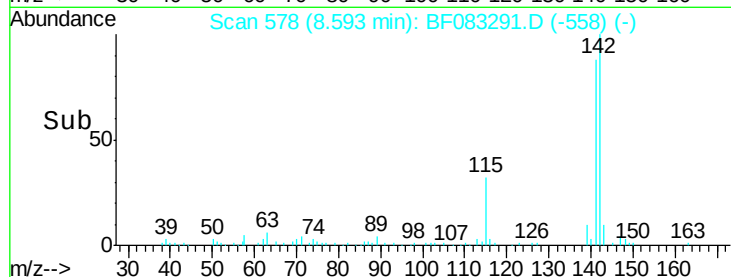
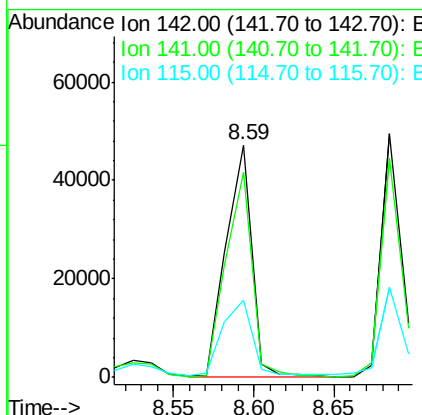
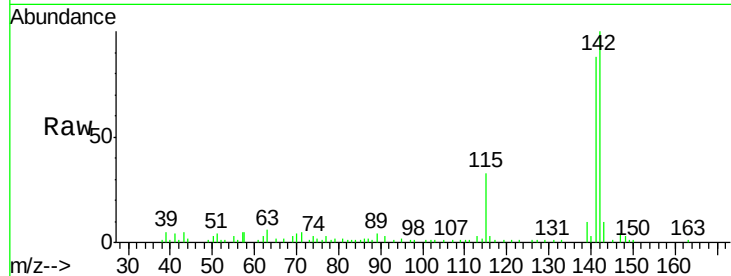
#37
2-Methylnaphthalene
Concen: 2.72 ng/ml
RT: 8.59 min Scan# 578
Delta R.T. -0.07 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB3

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	33.0	33.4	50.2

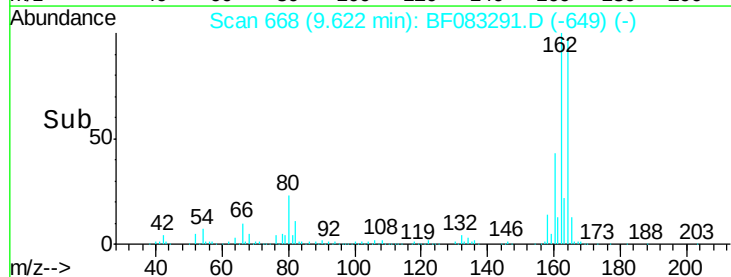
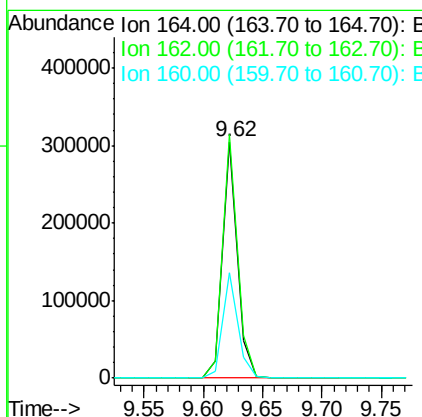
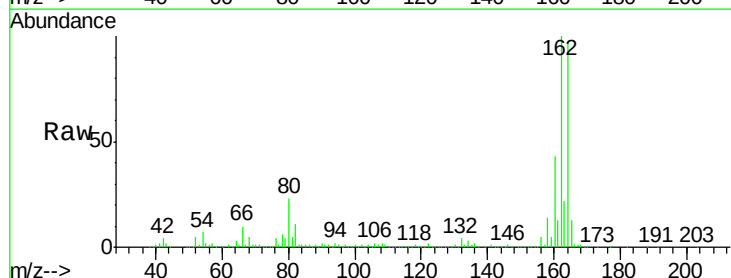
Manual Integrations
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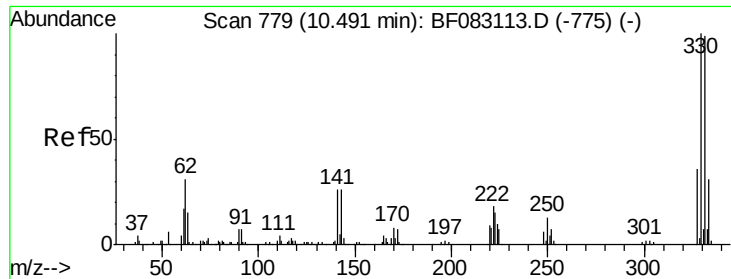
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.2	121.8
160	44.4	35.6	53.4





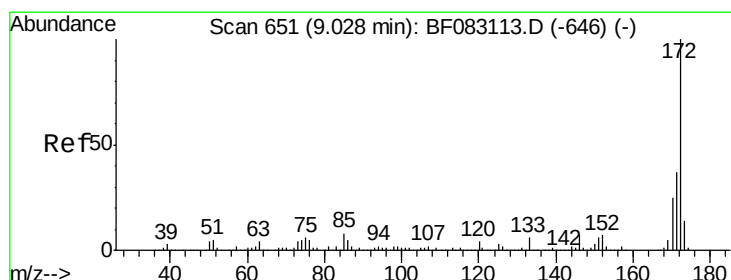
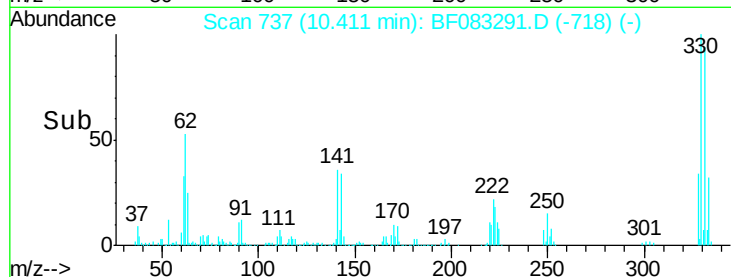
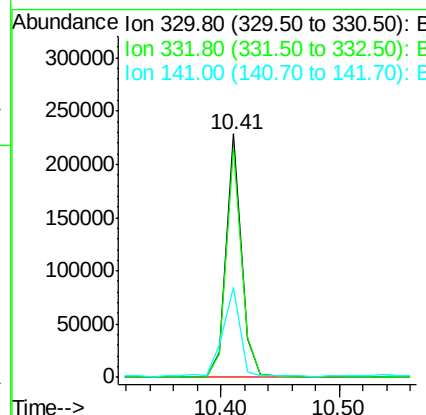
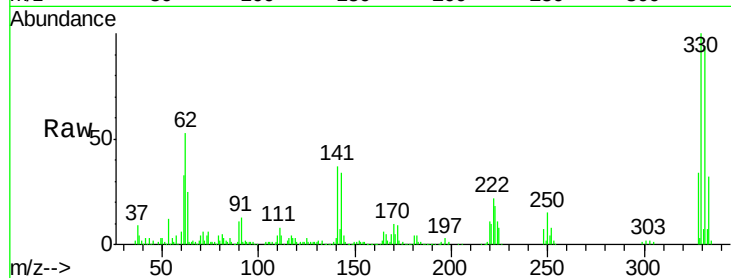
#41
 2,4,6-Tribromophenol
 Concen: 75.93 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083291.D
 Acq: 25 Nov 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.7	116.5
141	42.2	29.7	44.5

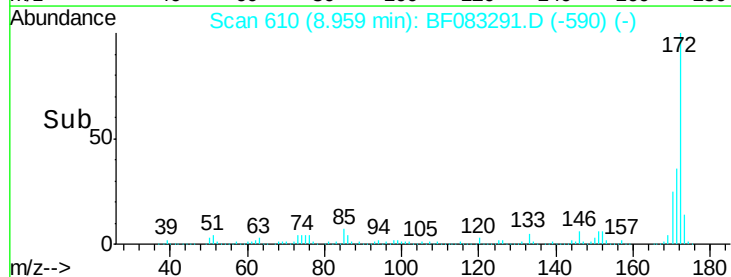
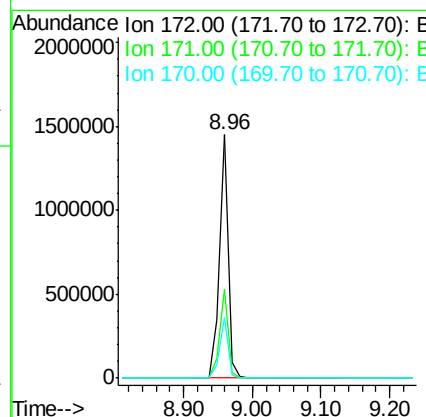
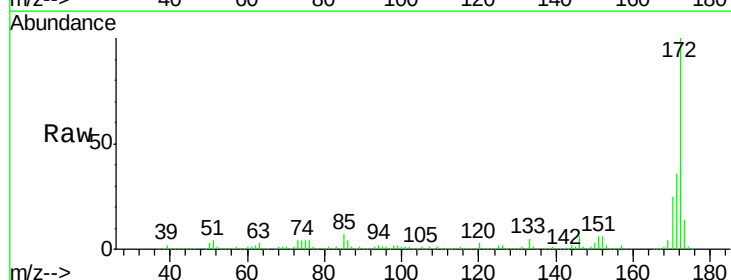
Manual Integrations
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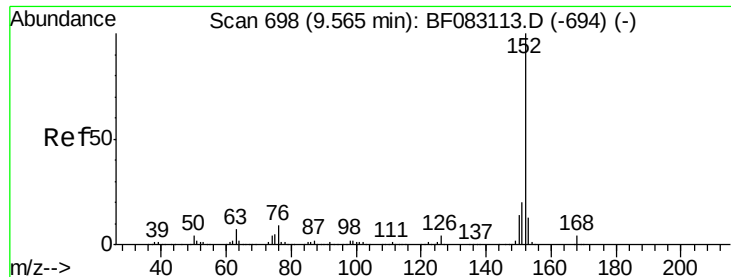
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#44
 2-Fluorobiphenyl
 Concen: 70.41 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083291.D
 Acq: 25 Nov 2015 23:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.5	44.3
170	24.7	19.9	29.9





#48

Acenaphthylene

Concen: 3.48 ng

RT: 9.48 min Scan# 656

Delta R.T. -0.08 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

Instrument :

BNA_F

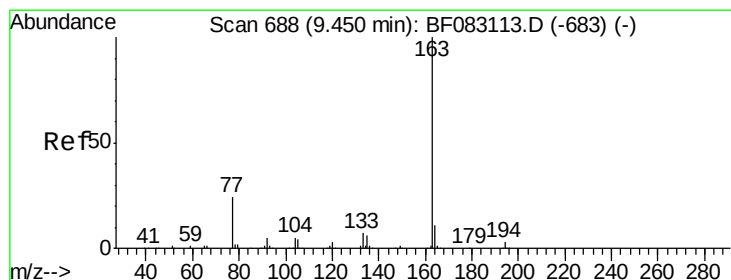
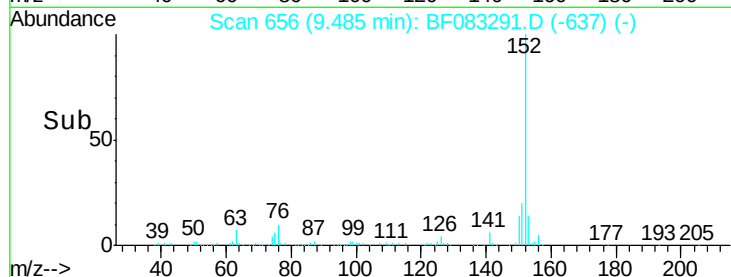
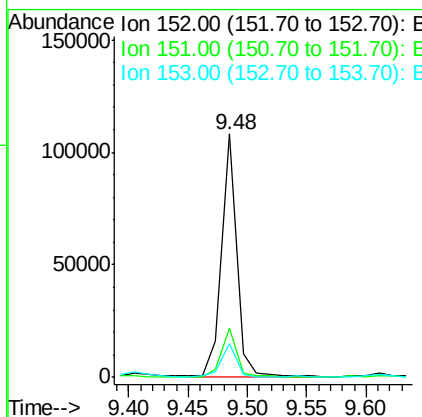
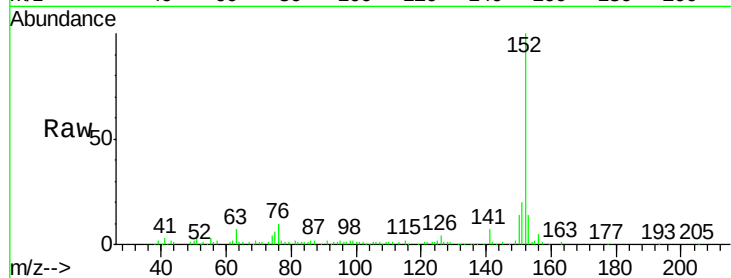
ClientSampleId :

STOCKPILE-GRAB3

Tot Ion:	152	Resp:	94075
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	13.9	10.8	16.2

Manual Integrations
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#49

Dimethylphthalate

Concen: 15.10 ng

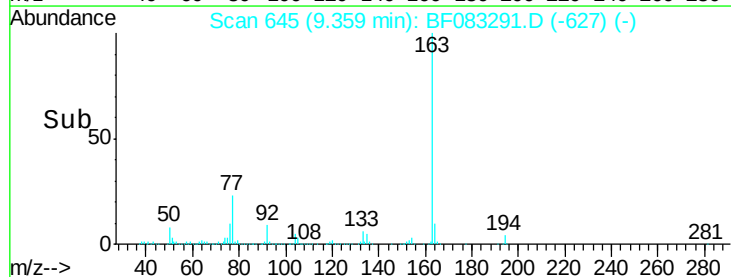
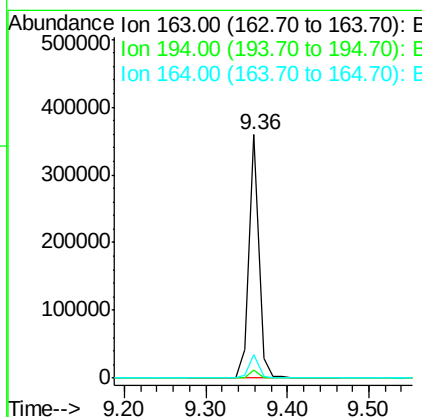
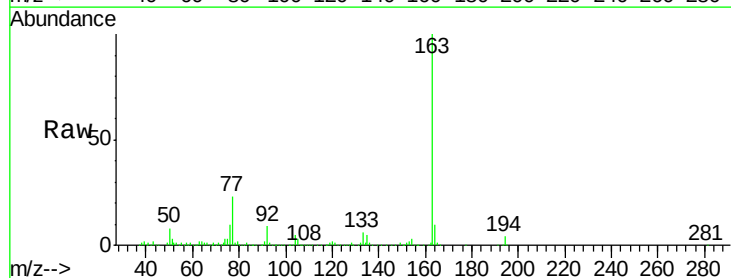
RT: 9.36 min Scan# 645

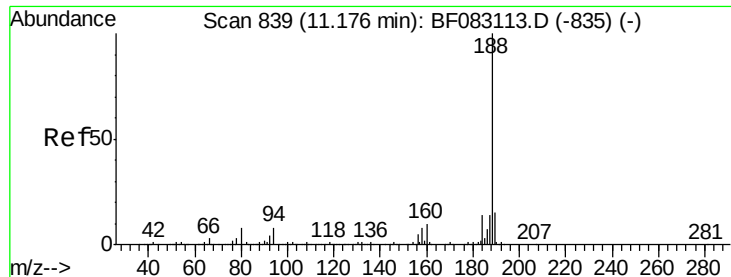
Delta R.T. -0.09 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

Tgt Ion:	163	Resp:	303292
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	9.8	8.6	12.8





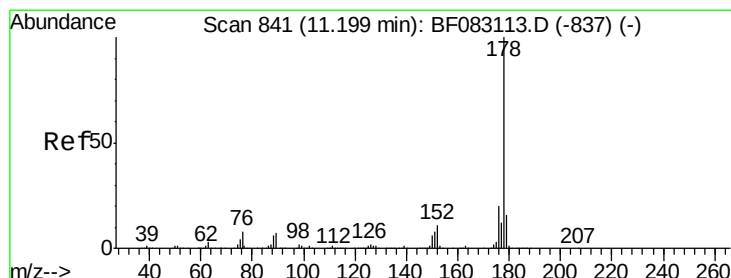
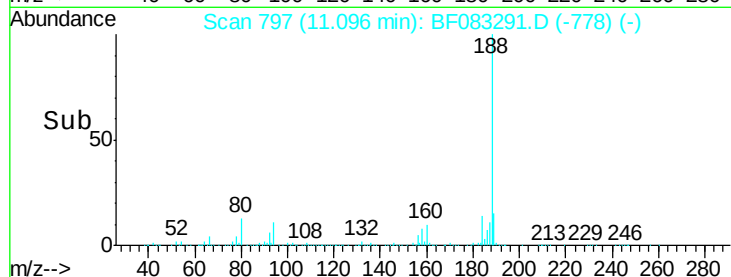
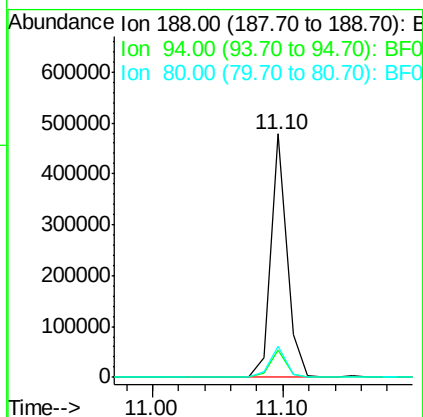
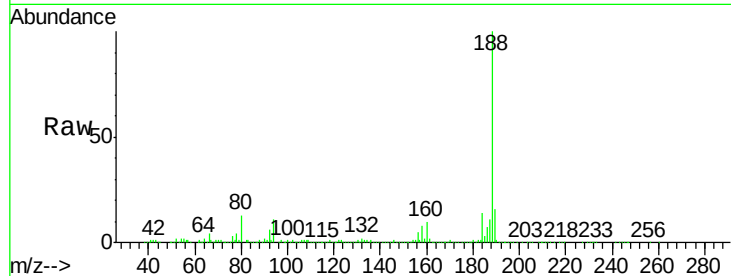
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	417874		
94	11.2	6.0	9.0#	
80	12.9	6.7	10.1#	

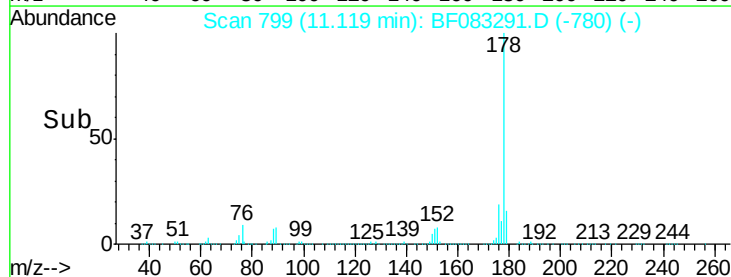
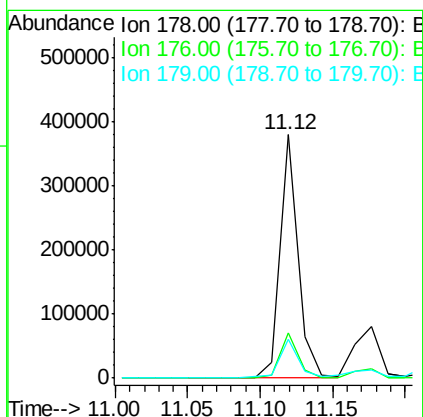
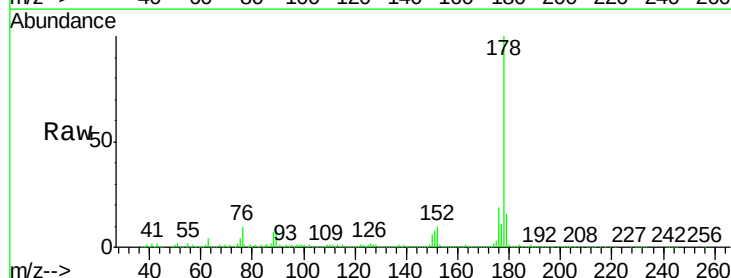
Manual Integrations
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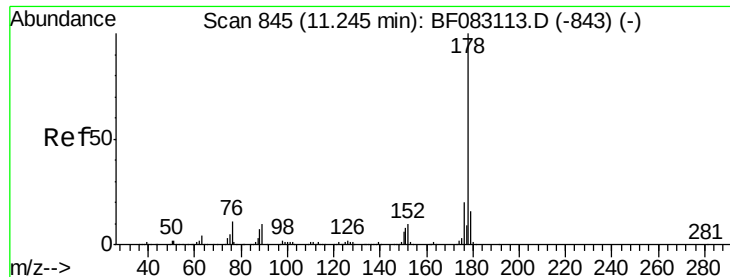
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#70
Phenanthrene
Concen: 13.49 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.08 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	324703		
176	18.8	16.2	24.2	
179	16.1	12.8	19.2	





#71

Anthracene

Concen: 3.69 ng

RT: 11.18 min Scan# 804

Delta R.T. -0.07 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

Instrument :

BNA_F

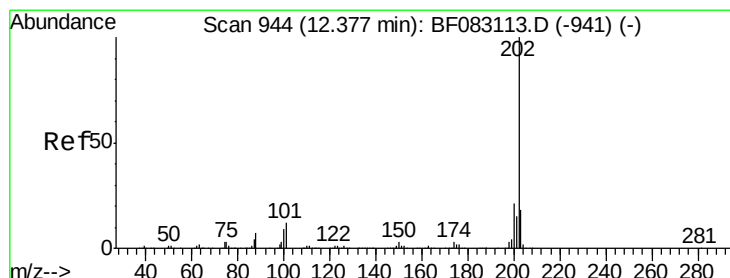
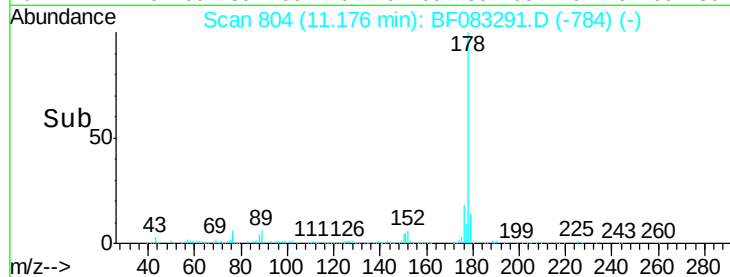
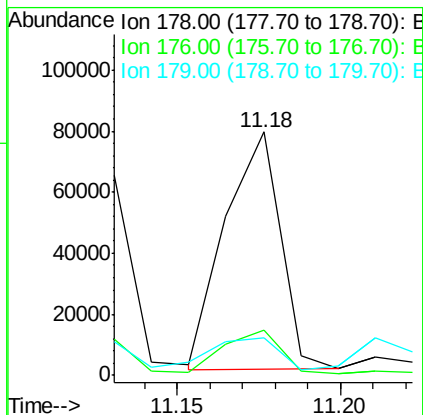
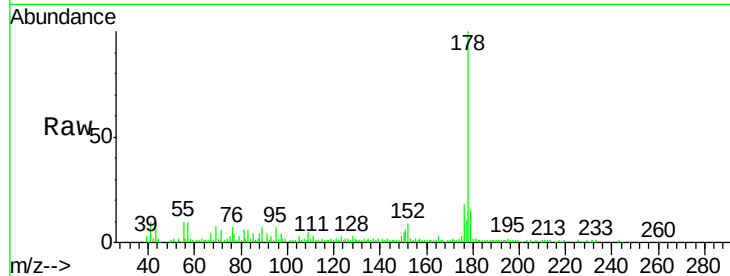
ClientSampleId :

STOCKPILE-GRAB3

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Tot Ion:178	Resp:	90543
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.6 23.4
179	15.4	13.2 19.8



#74

Fluoranthene

Concen: 20.90 ng

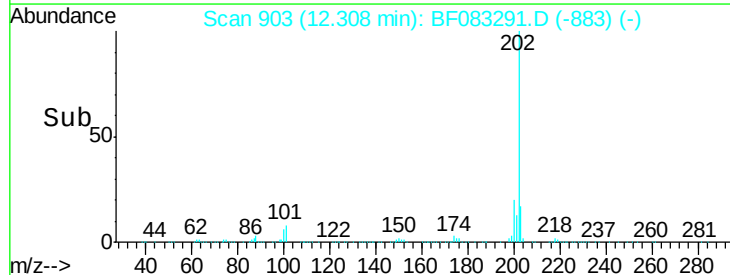
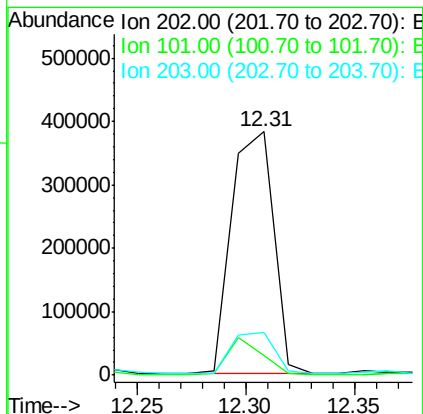
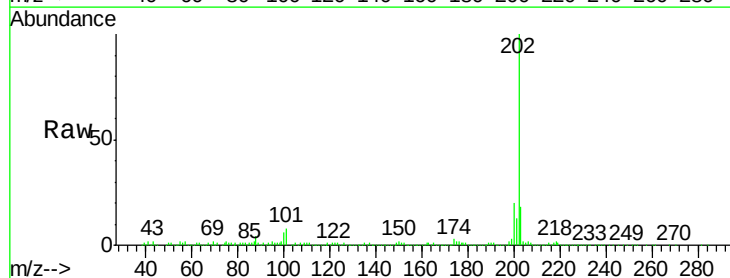
RT: 12.31 min Scan# 903

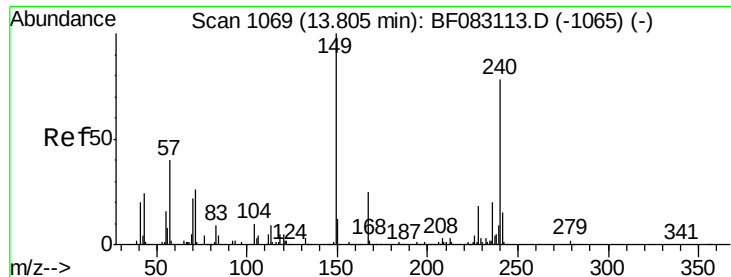
Delta R.T. -0.07 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

Tgt Ion:202	Resp:	514999
Ion Ratio	Lower	Upper
202	100	
101	8.0	0.0 32.3
203	17.6	0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB3

Tot Ion:240 Resp: 404014

Ion Ratio Lower Upper

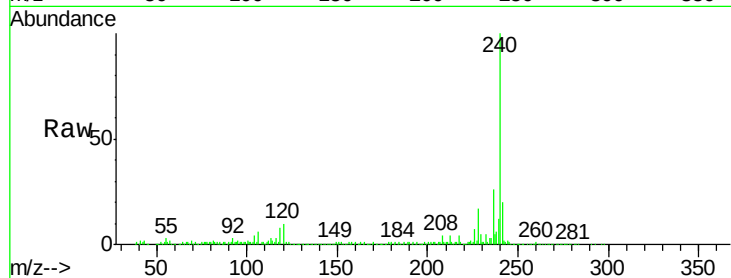
240 100

120 9.6 5.4 8.2#

236 25.6 20.6 31.0

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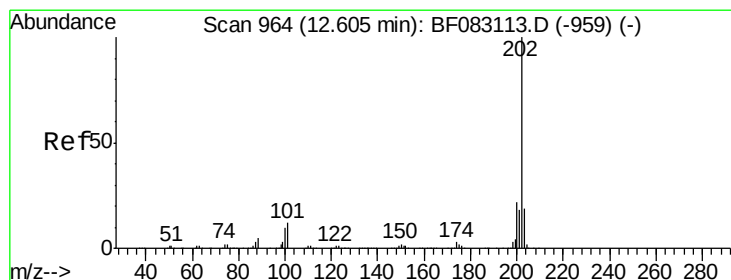
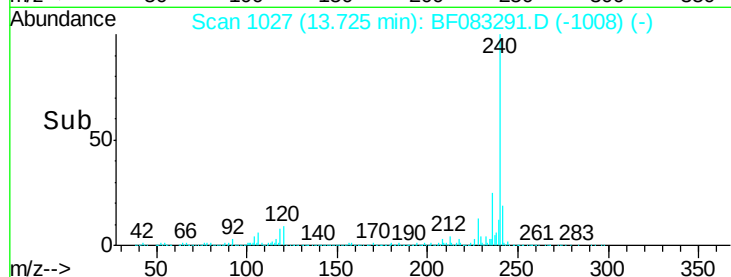
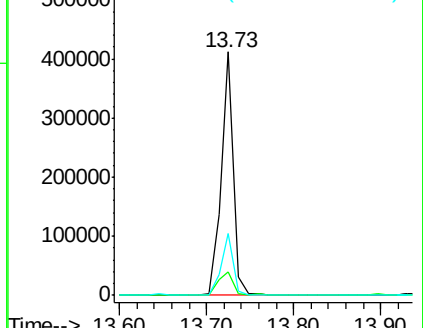
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 27.14 ng

RT: 12.53 min Scan# 922

Delta R.T. -0.08 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

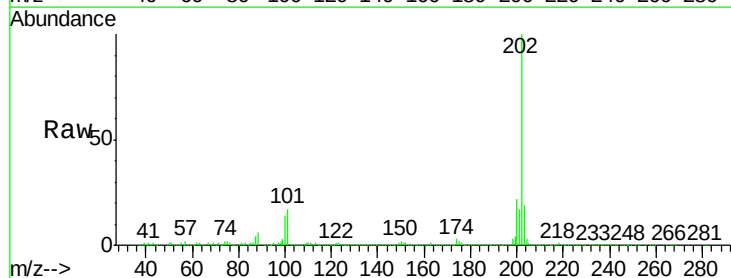
Tgt Ion:202 Resp: 749185

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

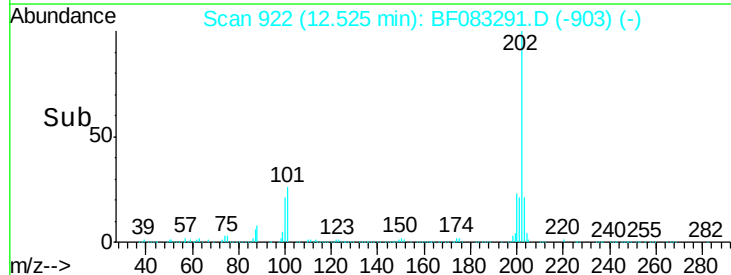
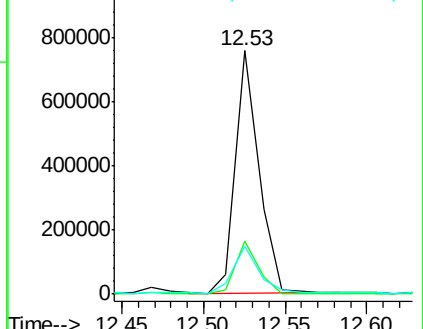
203 19.4 15.0 22.4

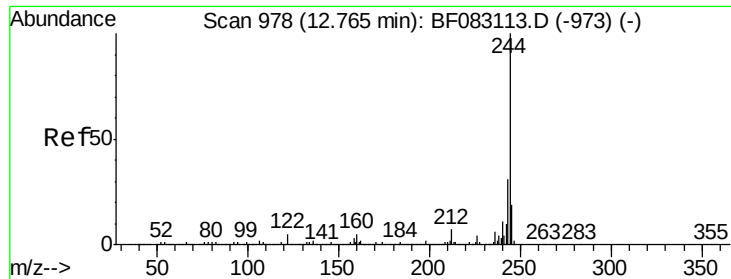


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 55.74 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

Instrument :

BNA_F

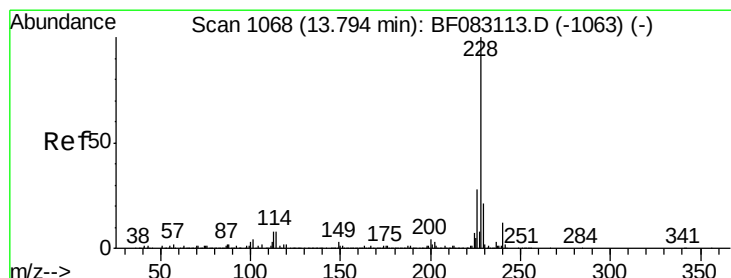
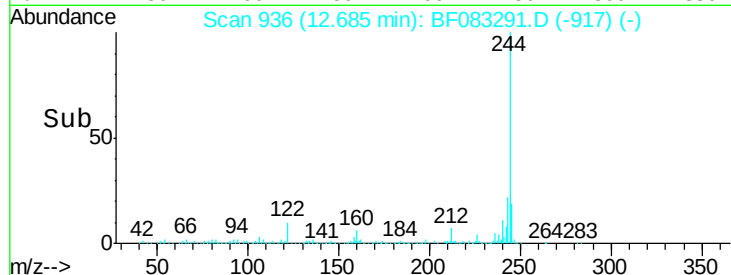
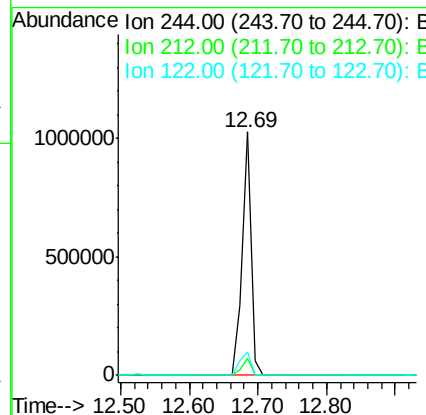
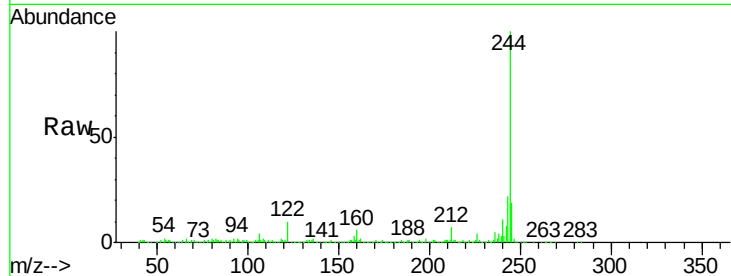
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	9.7	4.3	6.5

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#80

Benzo(a)anthracene

Concen: 14.04 ng

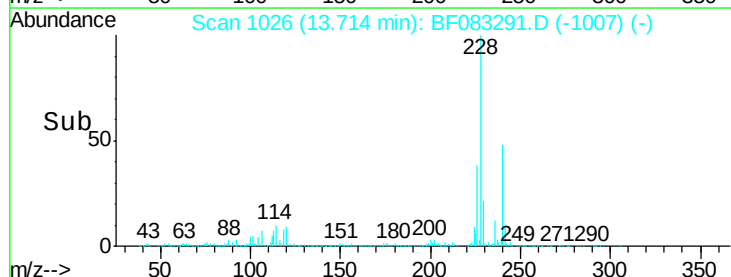
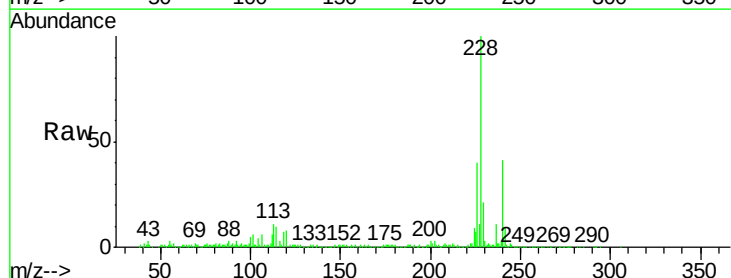
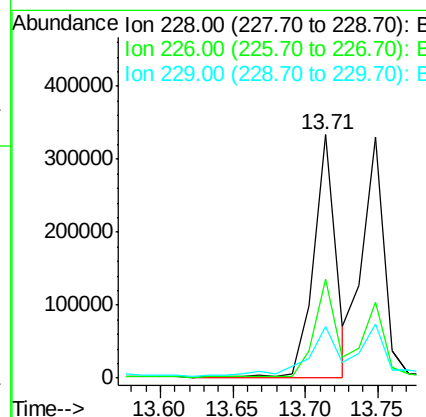
RT: 13.71 min Scan# 1026

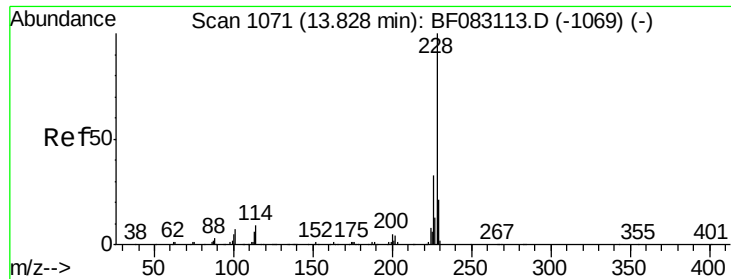
Delta R.T. -0.08 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.5	22.6	33.8
229	21.3	16.6	24.8





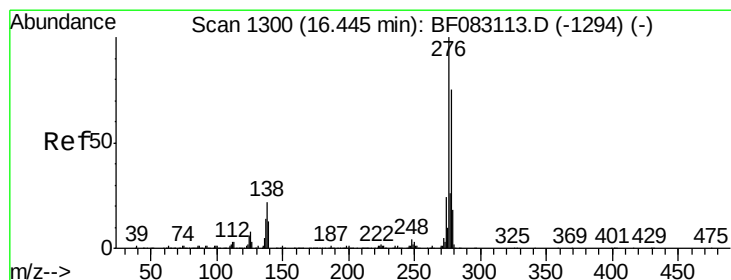
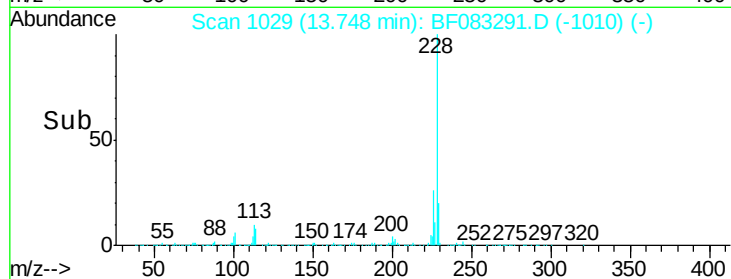
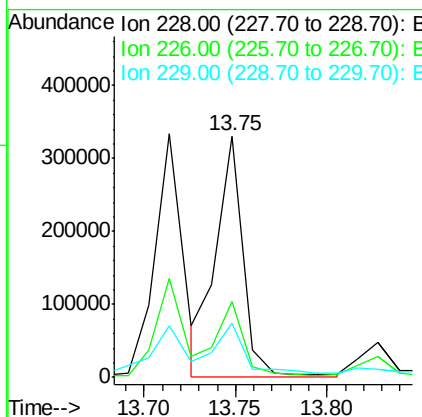
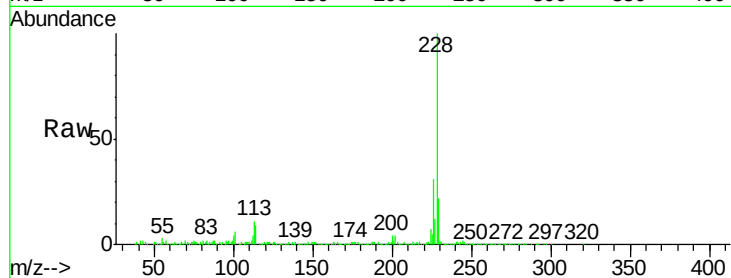
#82
Chrysene
Concen: 15.20 ng/ml
RT: 13.75 min Scan# 1029
Delta R.T. -0.08 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB3

Tot Ion:	228	Resp:	352153
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.5	38.3
229	22.3	16.6	25.0

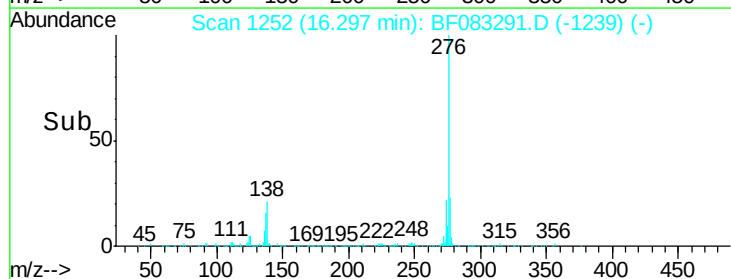
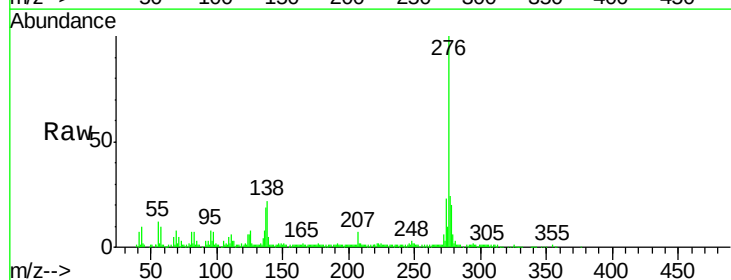
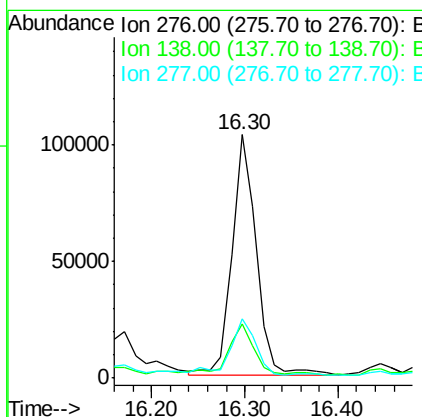
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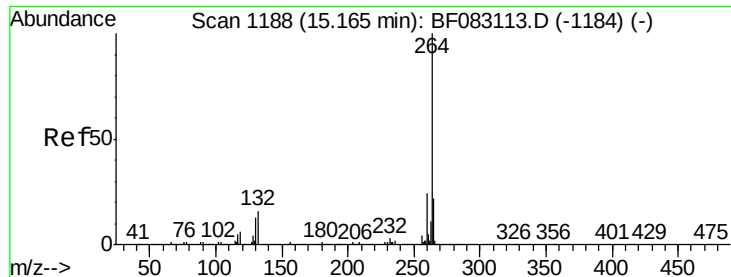
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#85
Indeno(1,2,3-cd)pyrene
Concen: 8.87 ng
RT: 16.30 min Scan# 1252
Delta R.T. -0.15 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Tgt Ion:	276	Resp:	186887
Ion Ratio	Lower	Upper	
276	100		
138	22.4	18.0	27.0
277	26.4	20.2	30.4





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

Instrument :

BNA_F

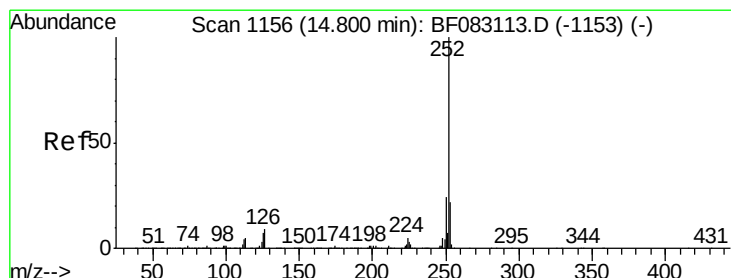
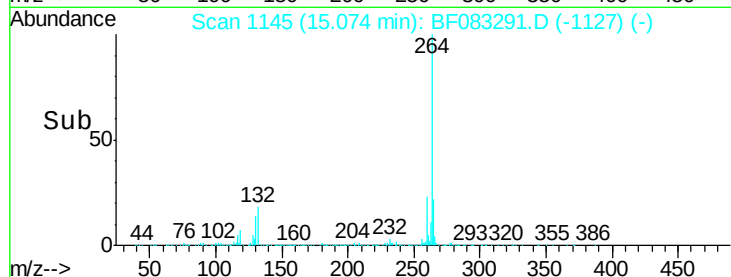
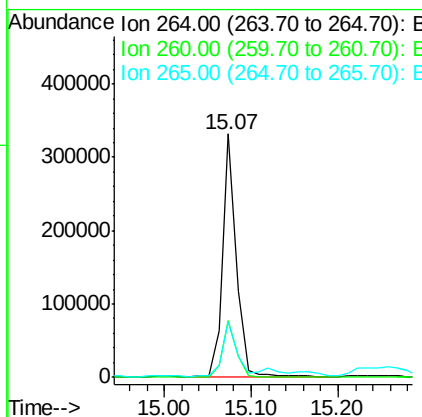
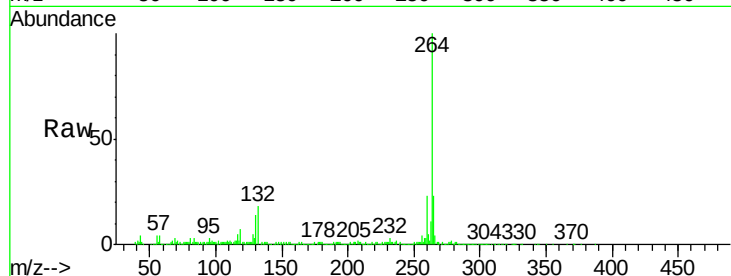
ClientSampleId :

STOCKPILE-GRAB3

Tot Ion:	264	Resp:	367342
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.1	28.7
265	22.6	18.2	27.4

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 14.17 ng m

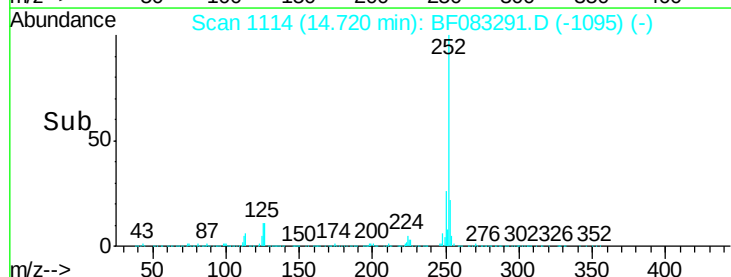
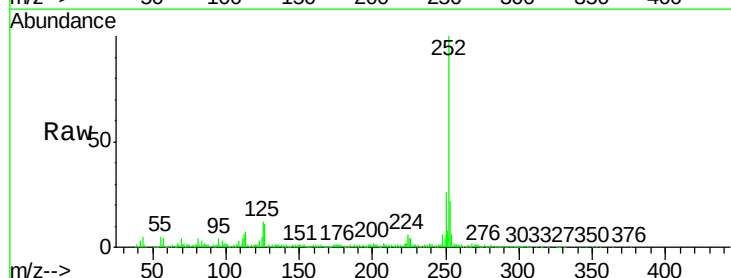
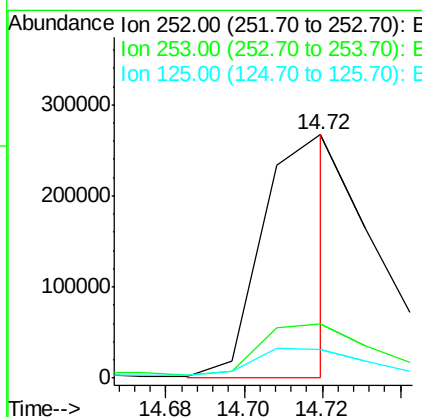
RT: 14.72 min Scan# 1114

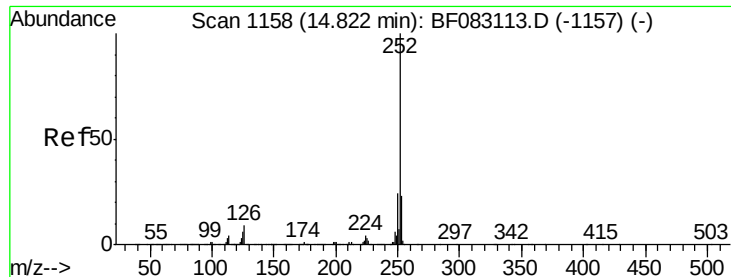
Delta R.T. -0.08 min

Lab File: BF083291.D

Acq: 25 Nov 2015 23:47

Tgt Ion:	252	Resp:	355633
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.7	26.5
125	11.7	5.6	8.4#





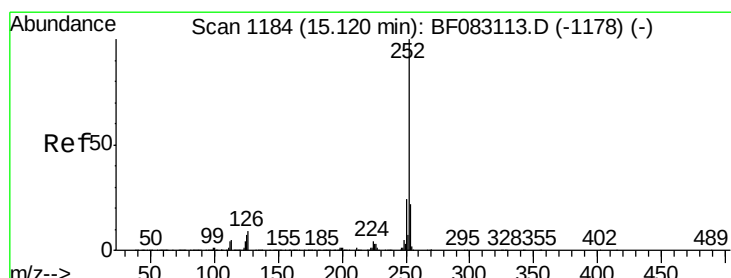
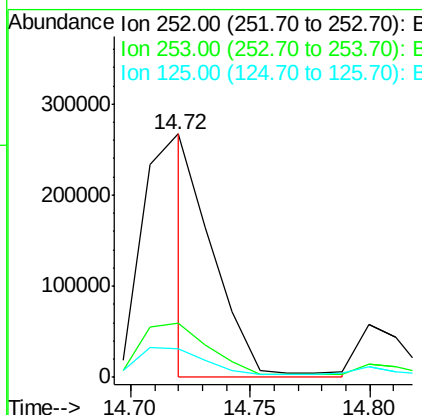
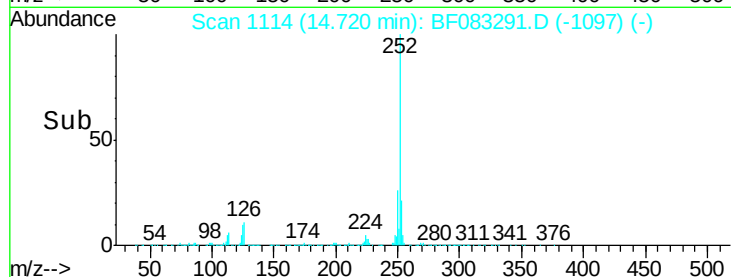
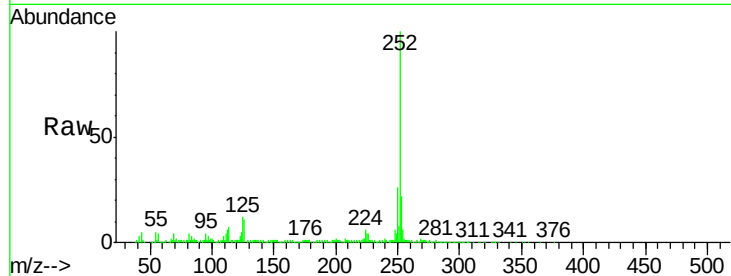
#88
Benzo(k)fluoranthene
Concen: 9.49 ng m
RT: 14.72 min Scan# 1114
Delta R.T. -0.10 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.7	6.8	10.2

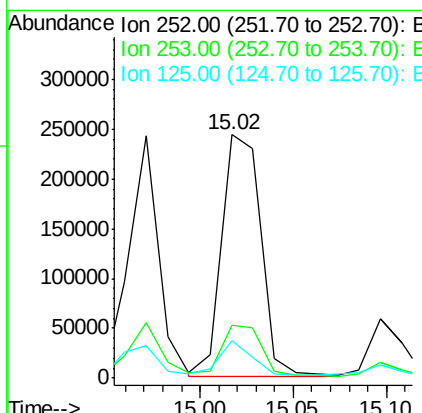
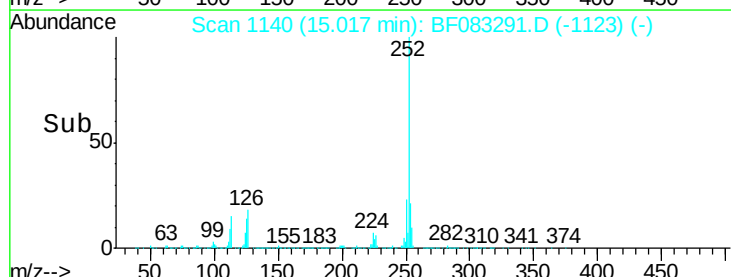
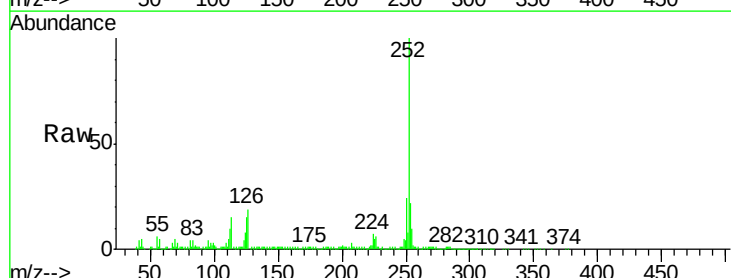
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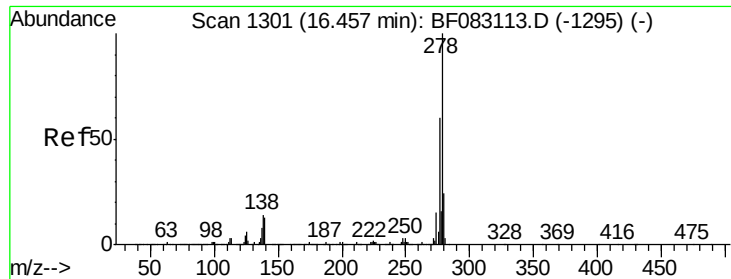
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#89
Benzo(a)pyrene
Concen: 17.12 ng
RT: 15.02 min Scan# 1140
Delta R.T. -0.10 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.2	5.4	8.0





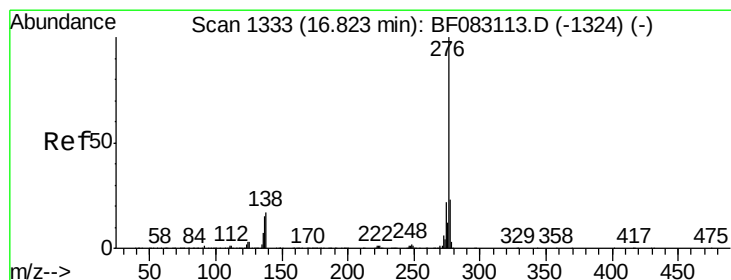
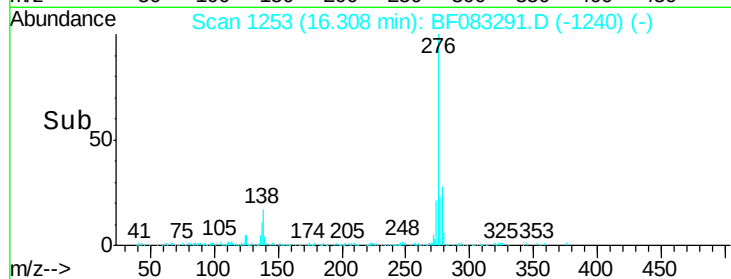
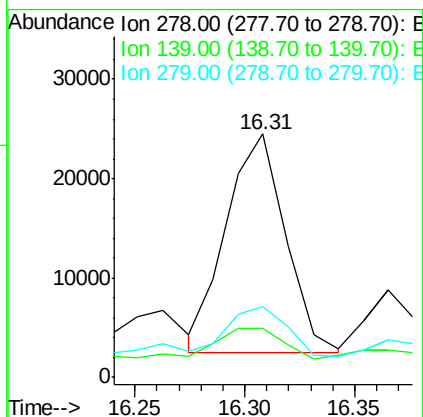
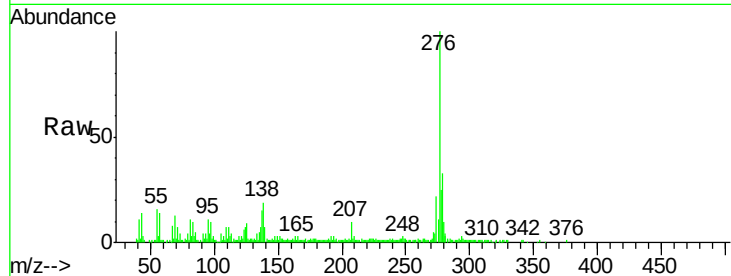
#90
Dibenzo(a,h)anthracene
Concen: 2.19 ng m
RT: 16.31 min Scan# 1253
Delta R.T. -0.15 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB3

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	10.7	16.1#
279	29.2	19.3	28.9#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 12.29 ng m
RT: 16.66 min Scan# 1284
Delta R.T. -0.16 min
Lab File: BF083291.D
Acq: 25 Nov 2015 23:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.7	28.1
138	20.9	13.9	20.9#

