

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083411.D
 Acq On : 2 Dec 2015 10:49
 Operator : UM/IZ
 Sample : G4567-05RE 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

Manual Integrations
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 12/2/2015 6:13:09 PM

Quant Time: Dec 02 12:19:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	143848	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	525310	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	224240	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	336680	20.00	ng	0.05
75) Chrysene-d12	14.95	240	261932	20.00	ng	0.18
86) Perylene-d12	16.95	264	190398	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	84739	8.84	ng	0.01
7) Phenol-d6	6.22	99	130258	9.93	ng	0.00
23) Nitrobenzene-d5	7.12	82	78027	6.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	17949	7.97	ng	0.01
44) 2-Fluorobiphenyl	8.92	172	107968	6.86	ng	0.00
78) Terphenyl-d14	13.35	244	73440	6.69	ng	0.13
Target Compounds						
31) Naphthalene	7.86	128	101746	3.57	ng	Qvalue 98
37) 2-Methylnaphthalene	8.54	142	50062m	2.63	ng	
48) Acenaphthylene	9.45	152	165114	6.91	ng	# 95
51) Acenaphthene	9.62	154	53756	3.82	ng	94
70) Phenanthrene	11.20	178	692329	34.75	ng	# 74
77) Pyrene	13.11	202	275793	15.08	ng	# 56
80) Benzo(a)anthracene	14.93	228	111297m	6.94	ng	
82) Chrysene	14.98	228	139367m	8.99	ng	

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

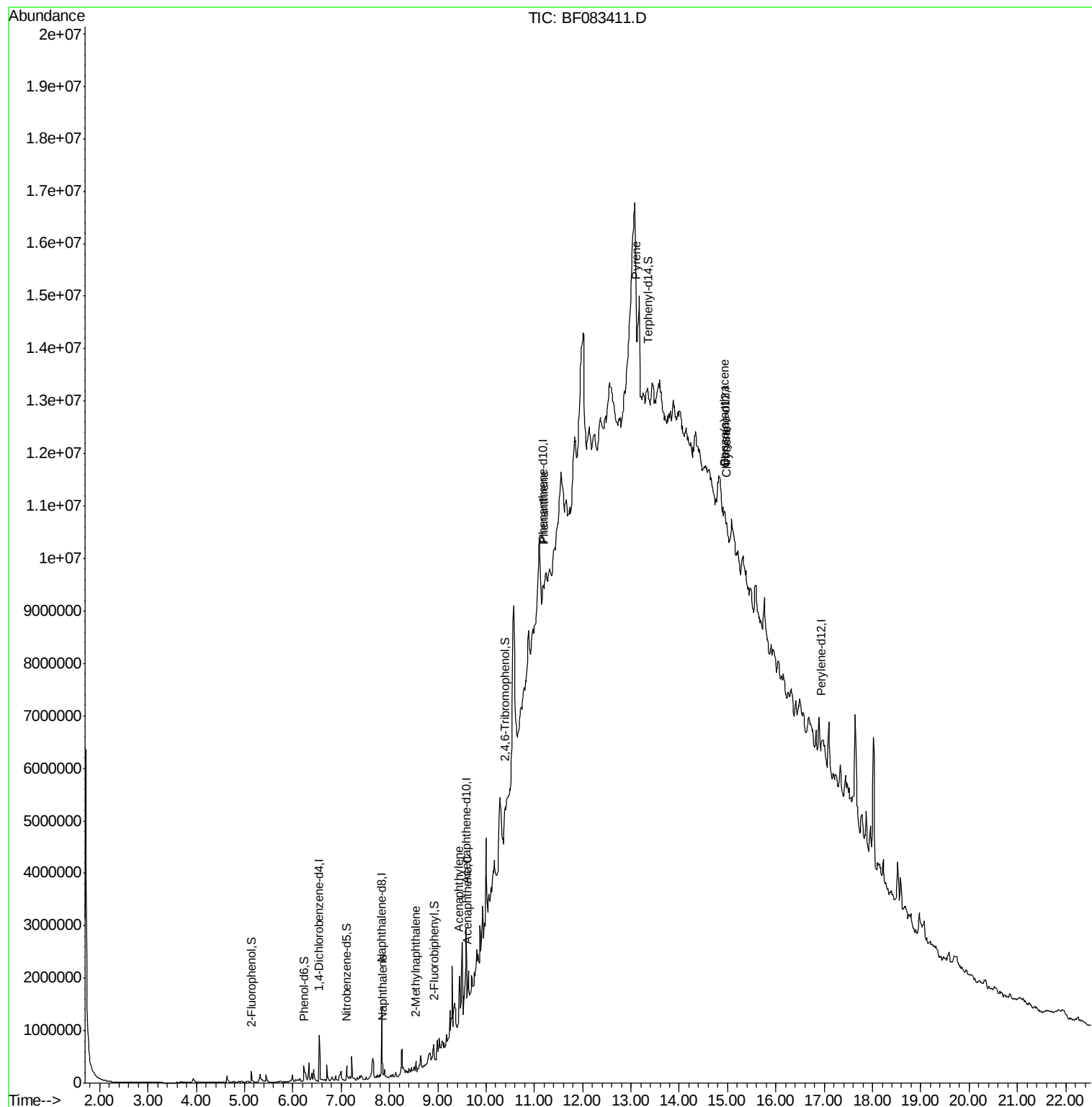
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083411.D
Acq On : 2 Dec 2015 10:49
Operator : UM/IZ
Sample : G4567-05RE 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

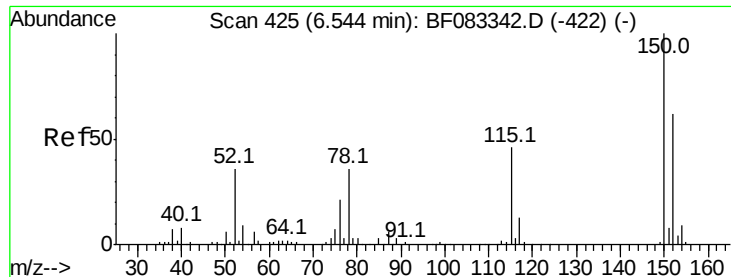
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB1

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Quant Time: Dec 02 12:19:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

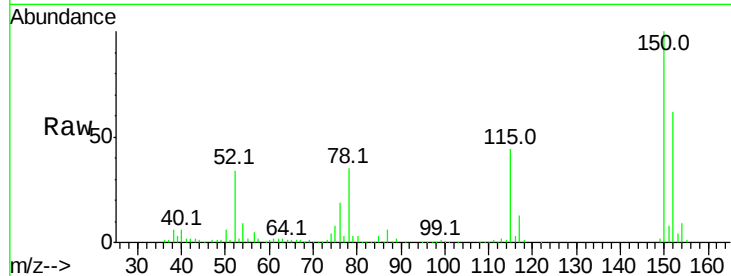
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB1

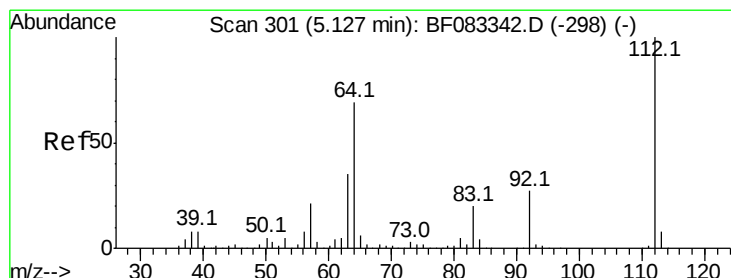
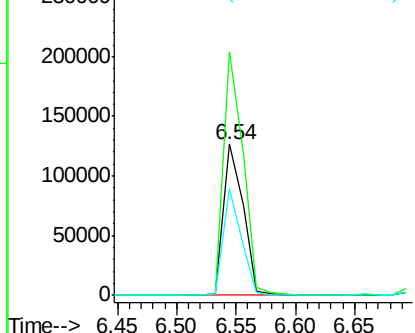
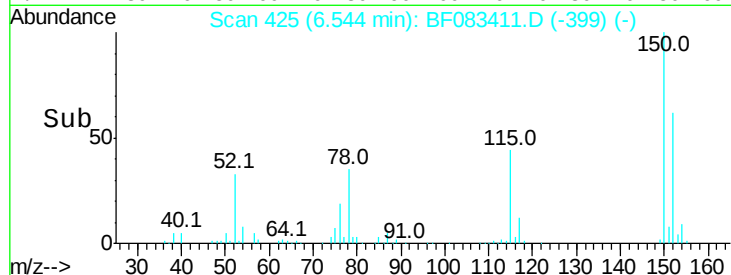
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	129.8	194.8
115	70.5	59.2	88.8

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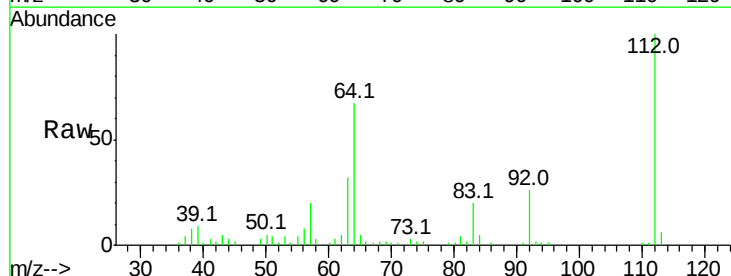
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



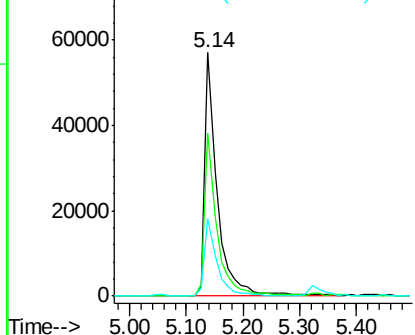
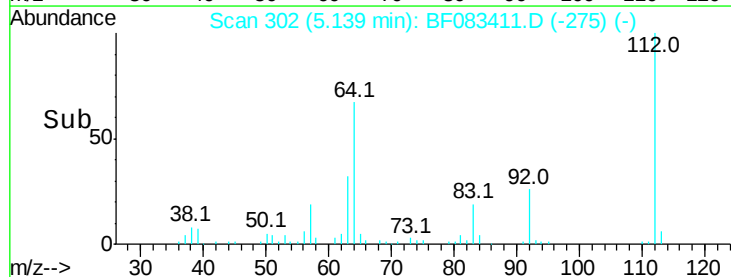
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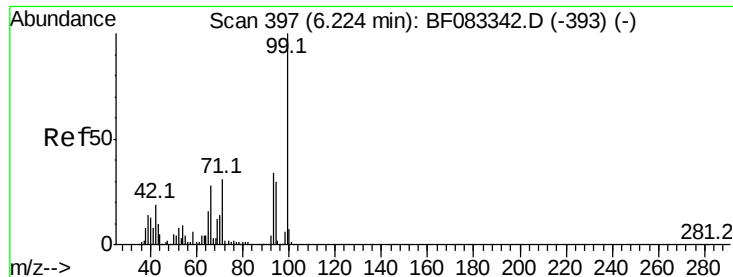
2-Fluorophenol
Concen: 8.84 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	55.6	83.4
63	31.5	28.2	42.2



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: 9.93 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

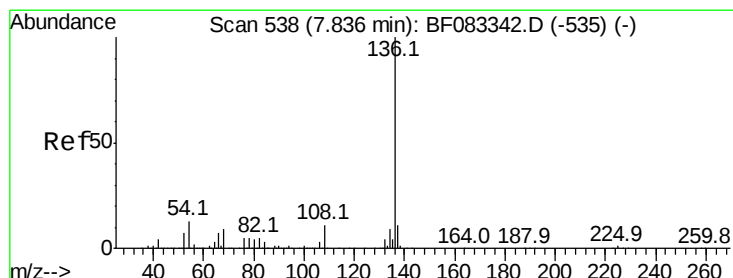
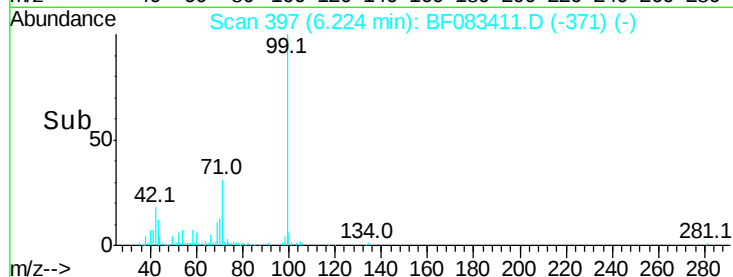
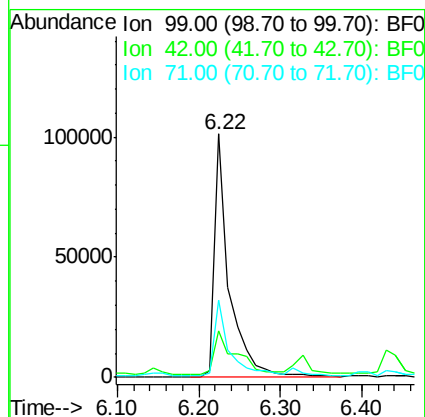
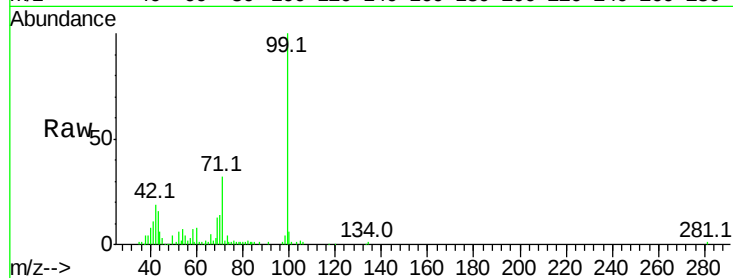
ClientSampleId :

STOCKPILE-GRAB1

Tot Ion:	99	Resp:	130258
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.9	22.3
71	31.5	24.7	37.1

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#21

Naphthalene-d8

Concen: 20.00 ng

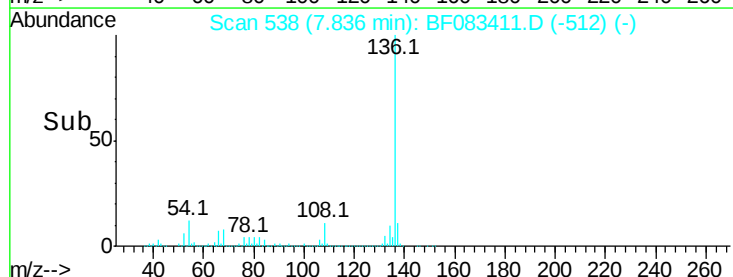
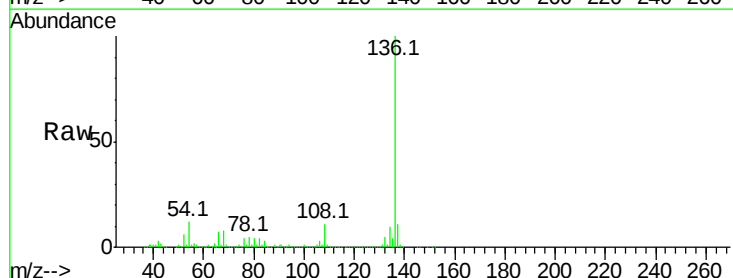
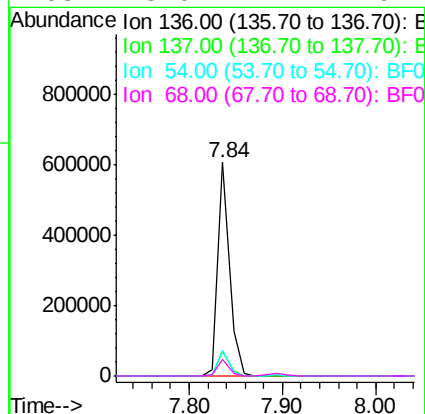
RT: 7.84 min Scan# 538

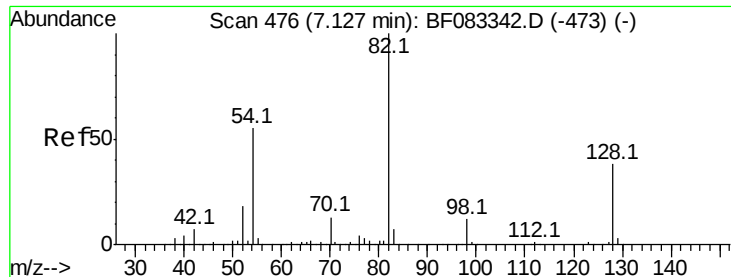
Delta R.T. -0.00 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Tgt Ion:	136	Resp:	525310
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	11.8	10.1	15.1
68	8.0	7.1	10.7





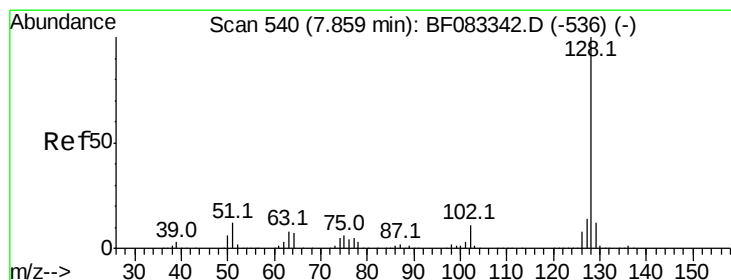
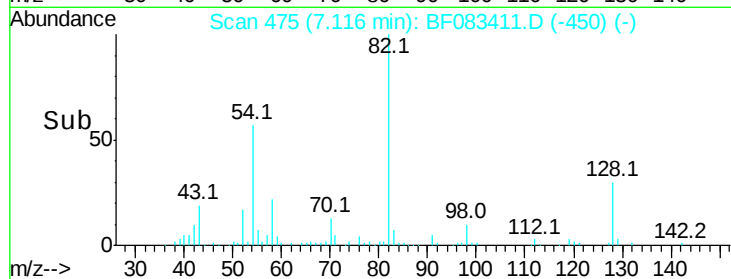
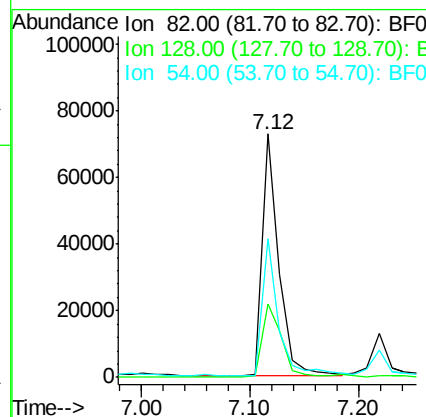
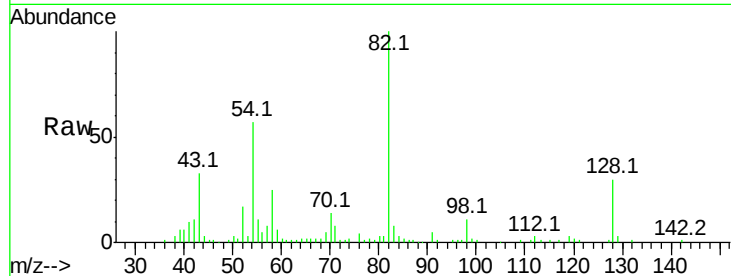
#23
Nitrobenzene-d5
Concen: 6.53 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB1

Tot Ion	Ratio	Lower	Upper
82	100		
128	30.1	30.6	46.0#
54	57.2	43.8	65.6

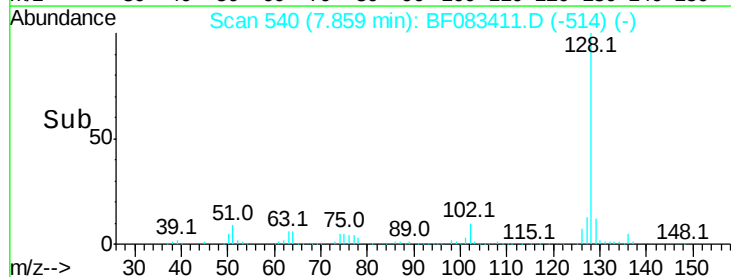
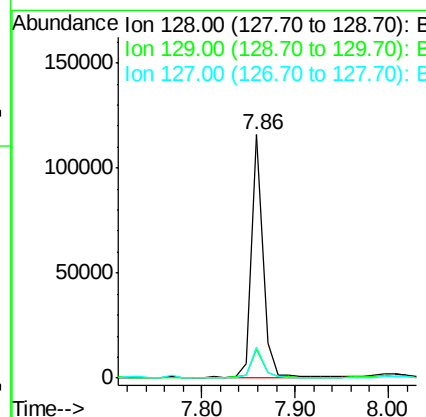
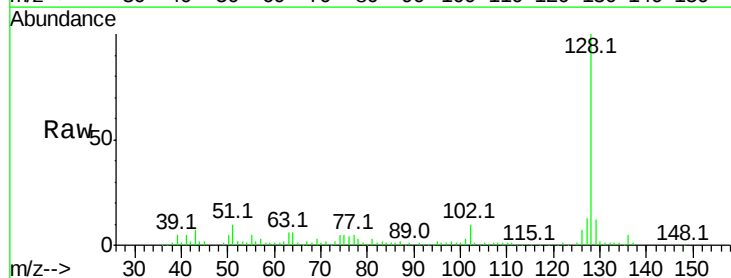
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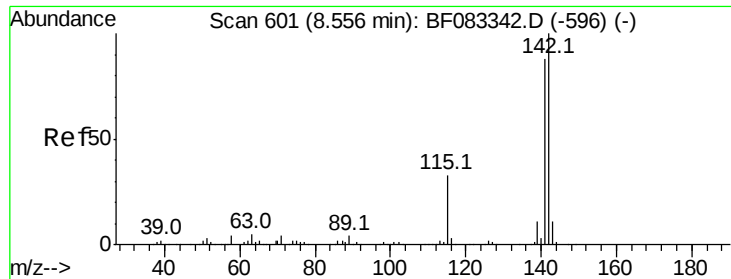
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#31
Naphthalene
Concen: 3.57 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.7	14.5
127	12.9	11.0	16.4





#37

2-Methylnaphthalene

Concen: 2.63 ng/mL

RT: 8.54 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

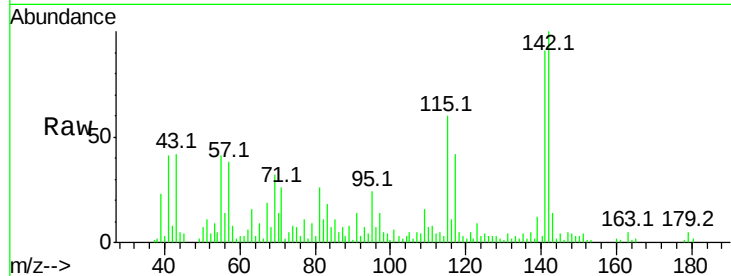
ClientSampleId :

STOCKPILE-GRAB1

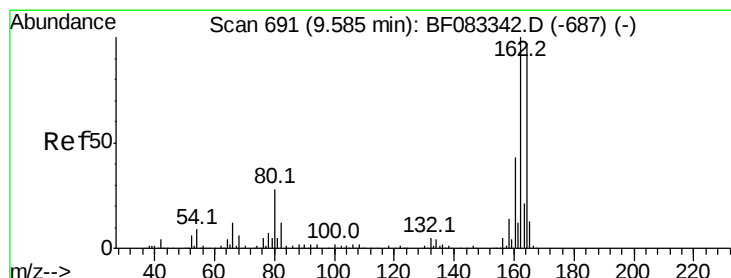
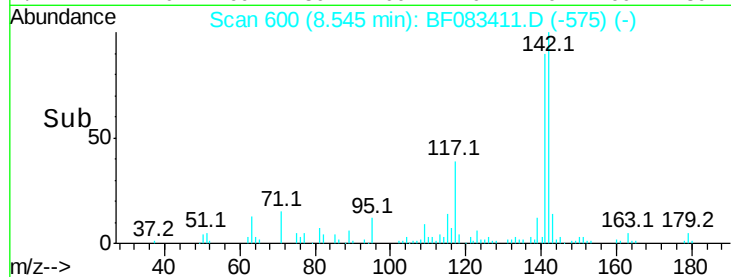
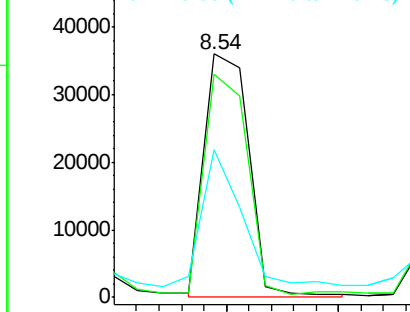
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Tot Ion:	142	Resp:	50062
Ion Ratio	Lower	Upper	
142	100		
141	91.5	70.6	105.8
115	60.5	26.2	39.2#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng/mL

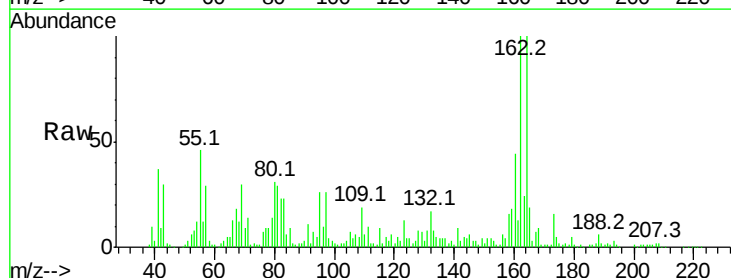
RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

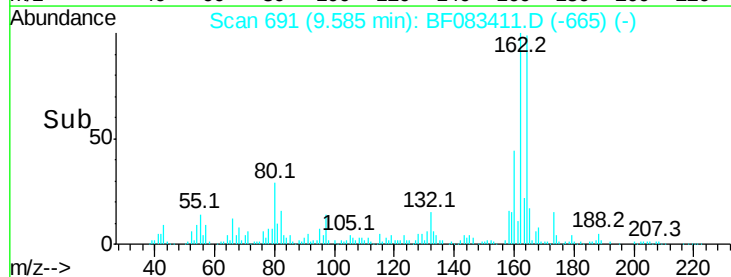
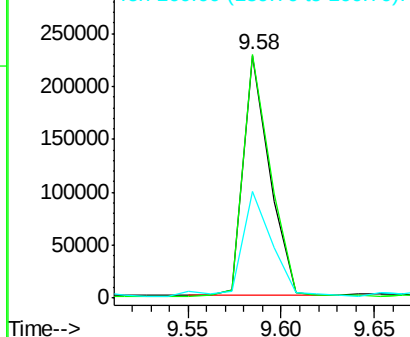
Lab File: BF083411.D

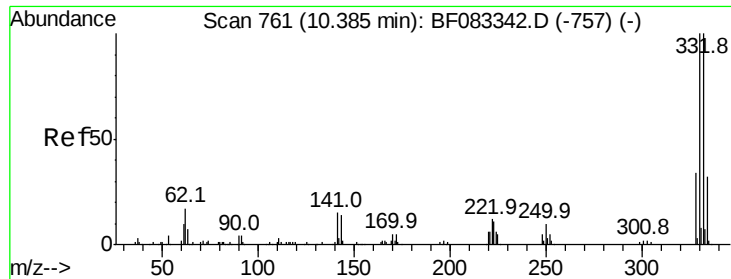
Acq: 2 Dec 2015 10:49

Tgt Ion:	164	Resp:	224240
Ion Ratio	Lower	Upper	
164	100		
162	100.4	82.6	123.8
160	44.1	35.3	52.9



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





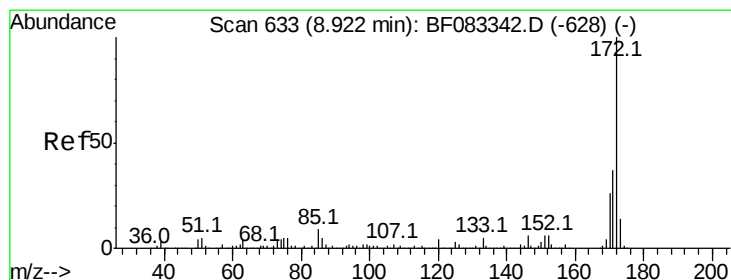
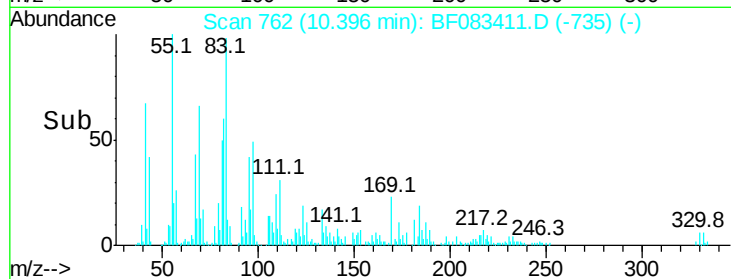
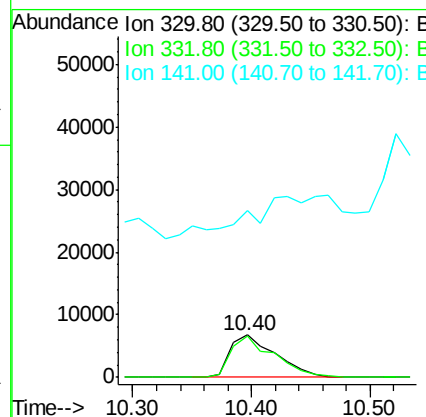
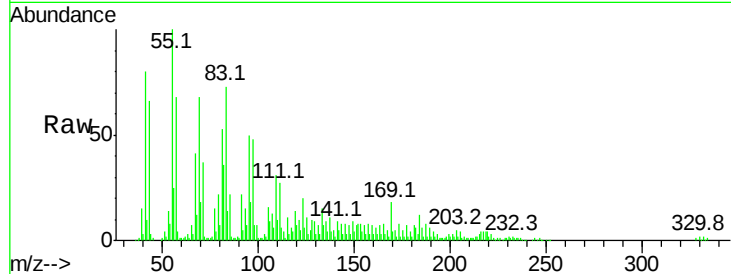
#41
 2,4,6-Tribromophenol
 Concen: 7.97 ng
 RT: 10.40 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BF083411.D
 Acq: 2 Dec 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.8	116.6
141	0.0	29.4	44.0

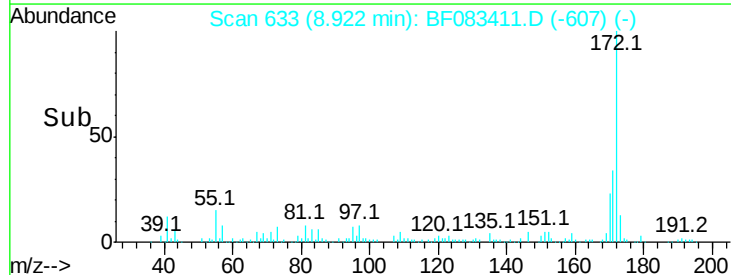
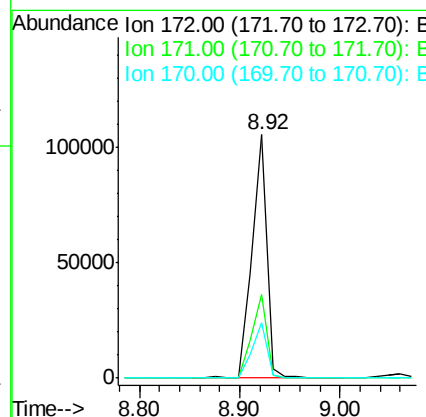
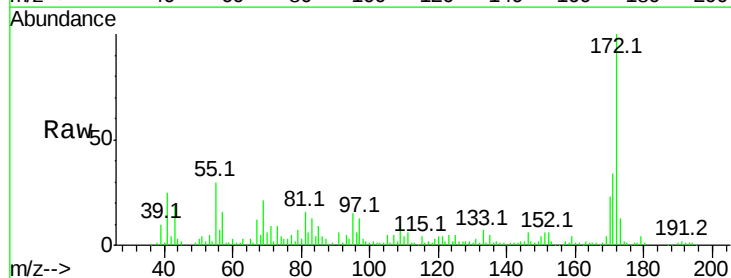
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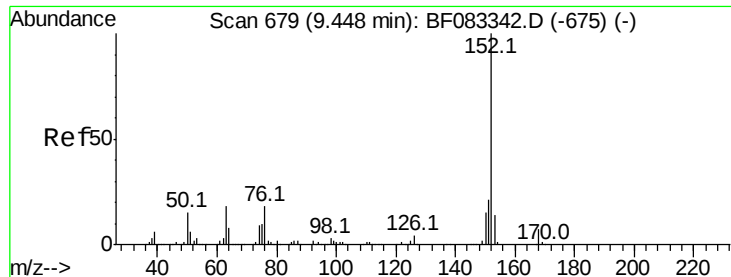
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#44
 2-Fluorobiphenyl
 Concen: 6.86 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083411.D
 Acq: 2 Dec 2015 10:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.4	44.0
170	22.6	20.4	30.6





#48

Acenaphthylene

Concen: 6.91 ng

RT: 9.45 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

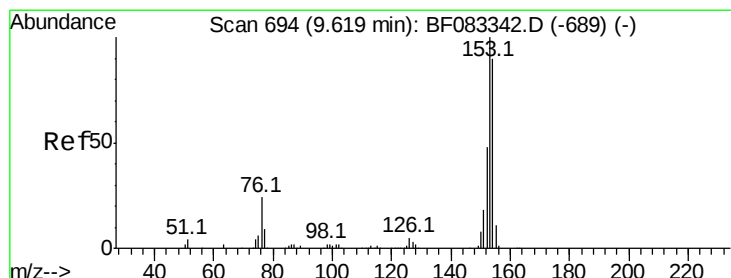
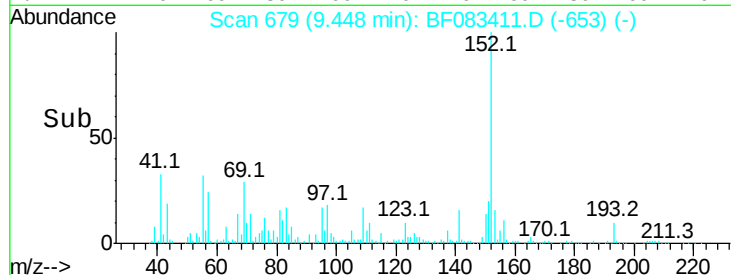
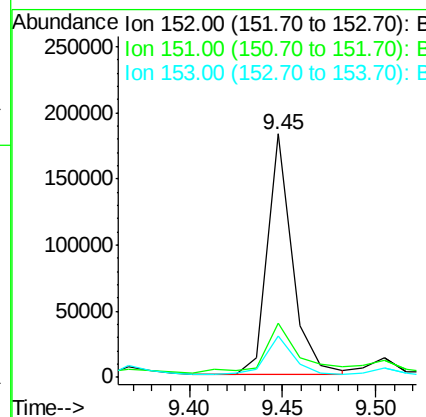
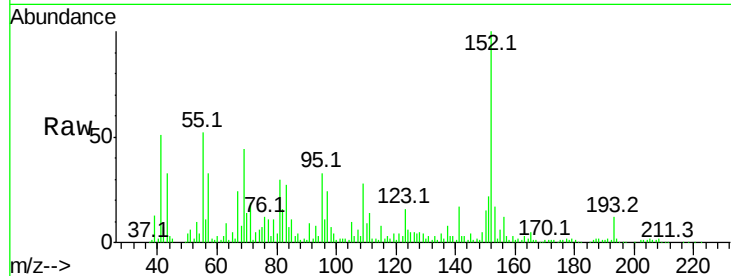
ClientSampleId :

STOCKPILE-GRAB1

Tot Ion:	152	Resp:	165114
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.7	25.1
153	16.8	11.2	16.8#

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#51

Acenaphthene

Concen: 3.82 ng

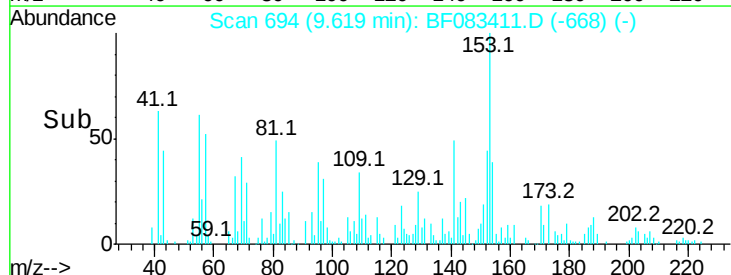
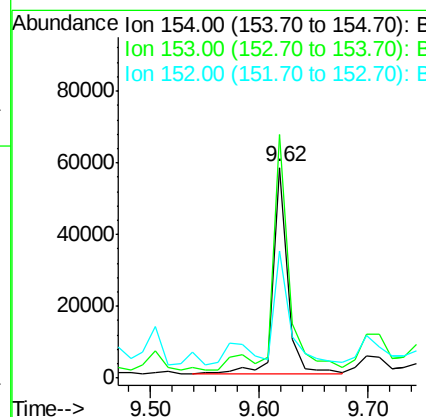
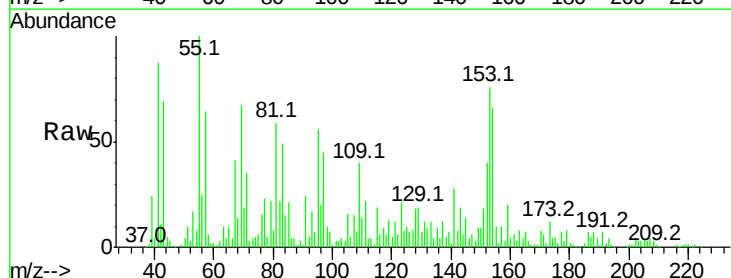
RT: 9.62 min Scan# 694

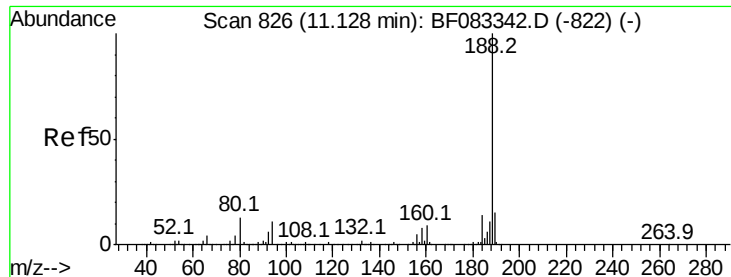
Delta R.T. -0.00 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Tgt Ion:	154	Resp:	53756
Ion Ratio	Lower	Upper	
154	100		
153	115.5	89.3	133.9
152	60.0	42.5	63.7





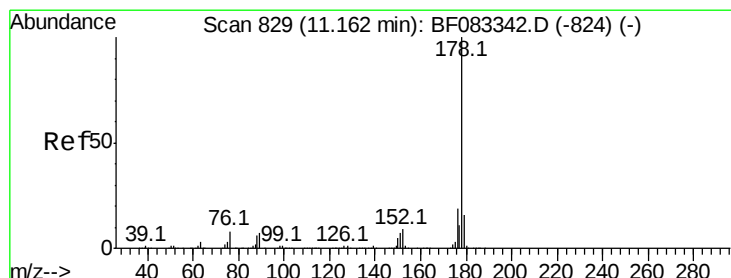
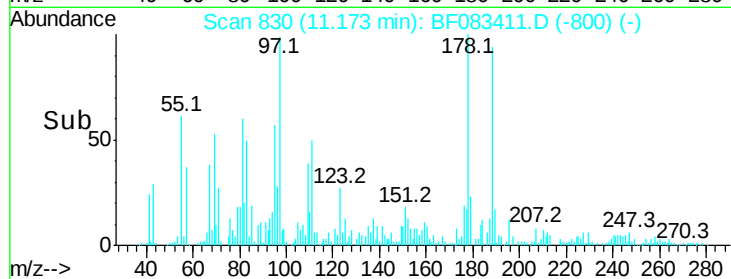
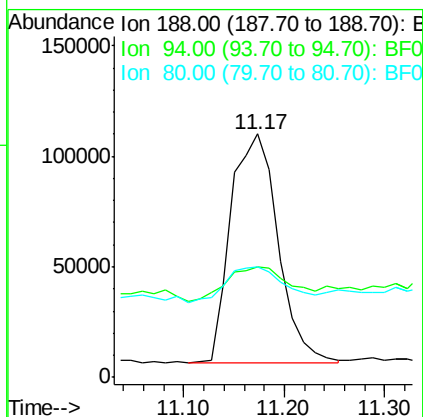
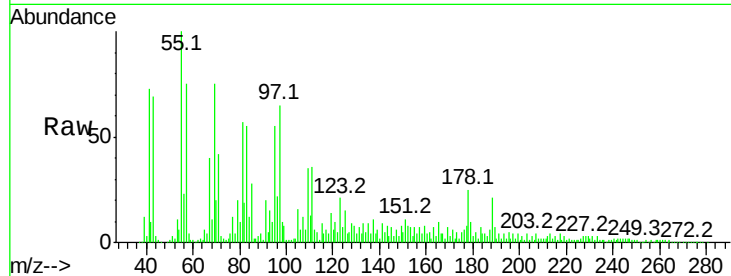
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.05 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	45.6	8.7	13.1#
80	45.1	10.3	15.5#

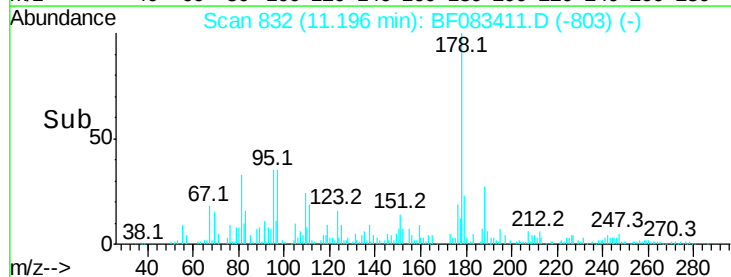
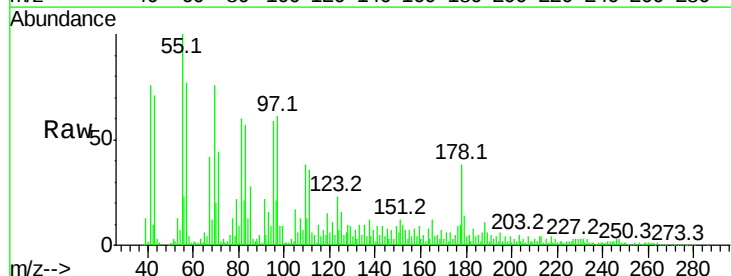
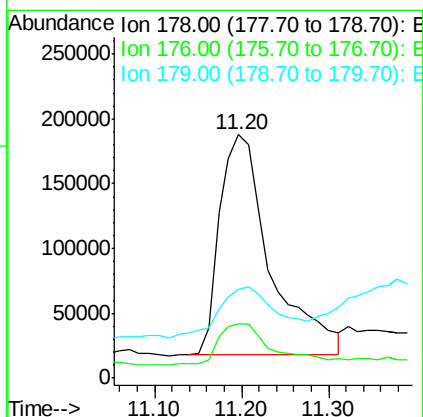
Manual Integrations
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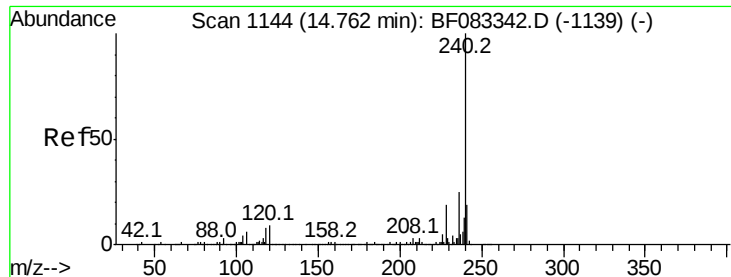
Mmdadoda
12/2/2015 6:13:09 PM



#70
Phenanthrene
Concen: 34.75 ng
RT: 11.20 min Scan# 832
Delta R.T. 0.03 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	22.4	15.3	22.9
179	36.3	12.4	18.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.95 min Scan# 1160

Delta R.T. 0.18 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

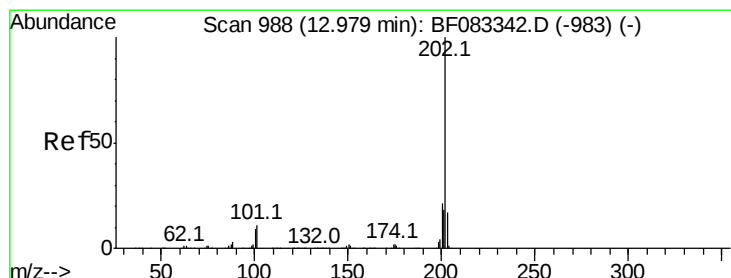
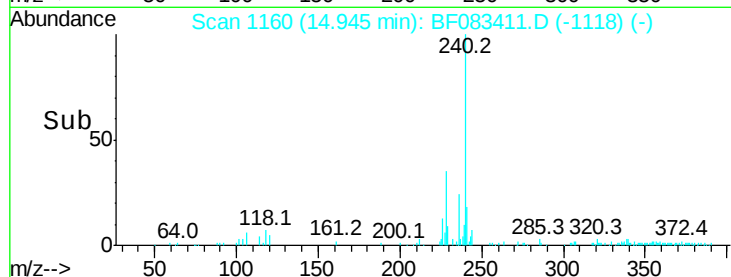
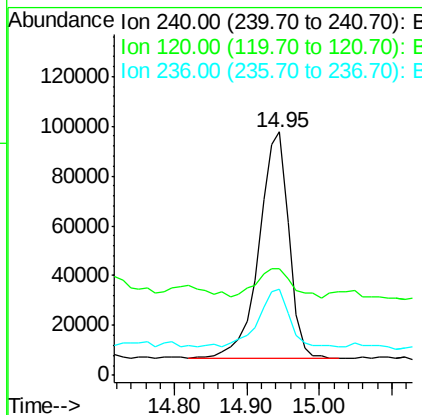
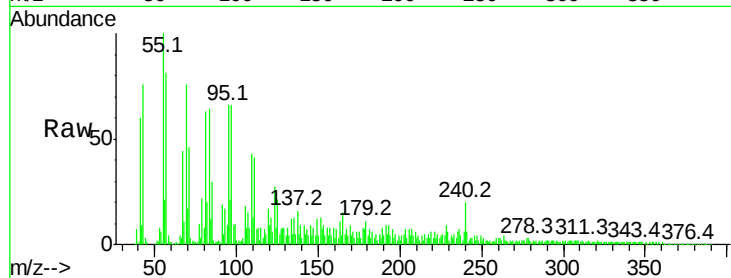
ClientSampleId :

STOCKPILE-GRAB1

Tot Ion:	240	Resp:	261932
Ion Ratio	Lower	Upper	
240	100		
120	43.7	6.9	10.3#
236	35.5	19.8	29.6#

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#77

Pyrene

Concen: 15.08 ng

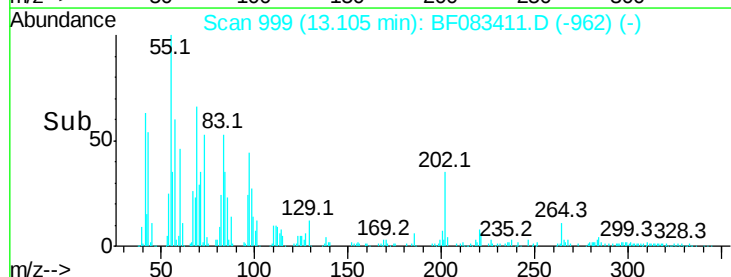
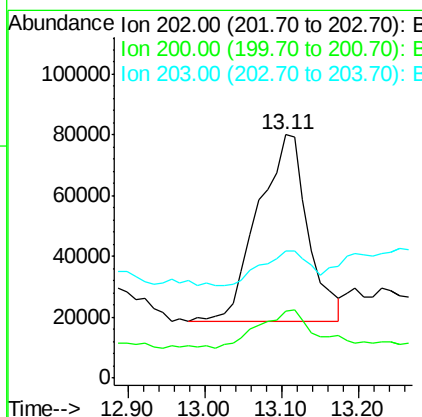
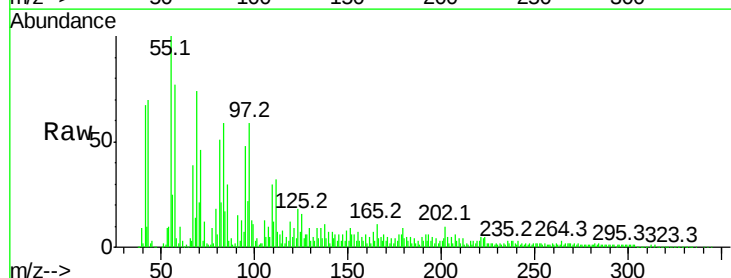
RT: 13.11 min Scan# 999

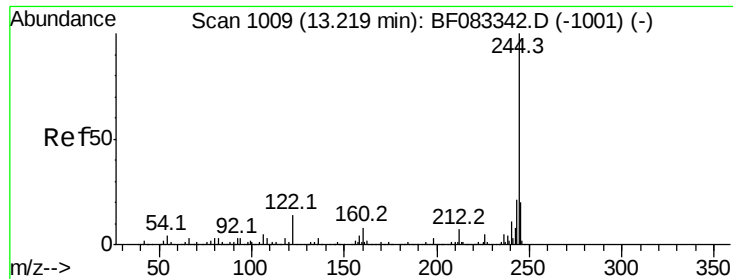
Delta R.T. 0.13 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Tgt Ion:	202	Resp:	275793
Ion Ratio	Lower	Upper	
202	100		
200	27.8	16.9	25.3#
203	52.2	13.9	20.9#





#78

Terphenyl-d14

Concen: 6.69 ng

RT: 13.35 min Scan# 1020

Delta R.T. 0.13 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

Tot Ion:244 Resp: 73440

Ion Ratio Lower Upper

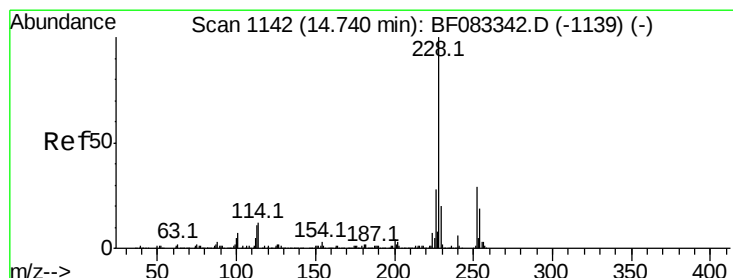
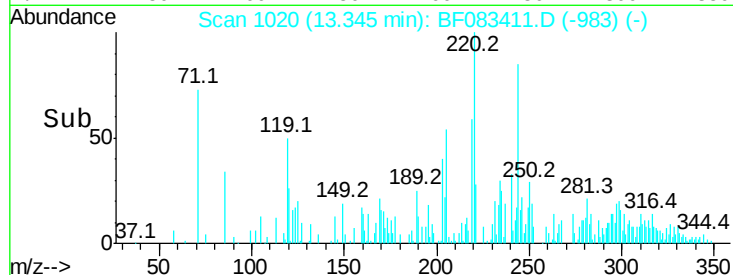
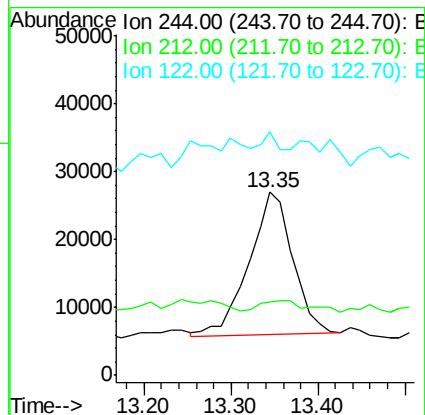
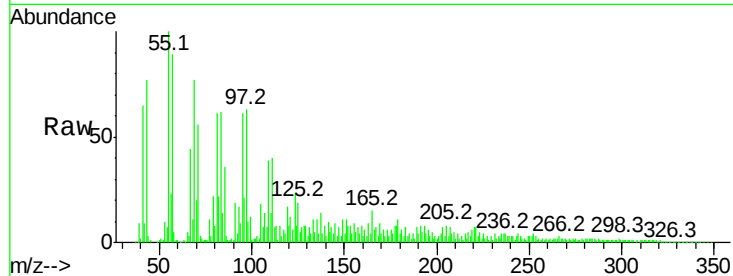
244 100

212 40.3 5.8 8.8#

122 133.0 11.0 16.4#

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#80

Benzo(a)anthracene

Concen: 6.94 ng m

RT: 14.93 min Scan# 1159

Delta R.T. 0.19 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

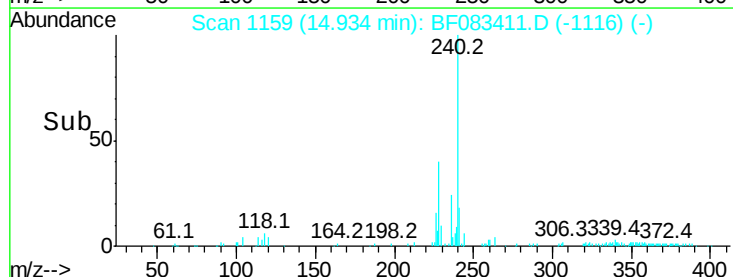
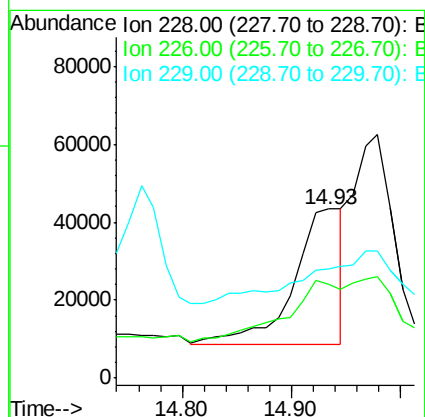
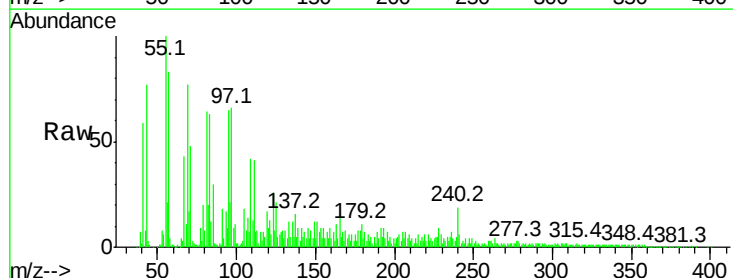
Tgt Ion:228 Resp: 111297

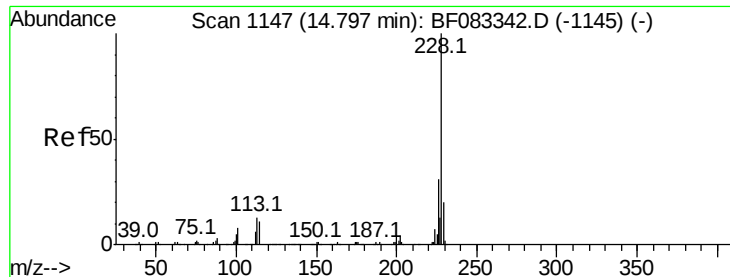
Ion Ratio Lower Upper

228 100

226 55.7 22.2 33.4#

229 64.8 16.1 24.1#





#82

Chrysene

Concen: 8.99 ng/mL

RT: 14.98 min Scan# 1163

Delta R.T. 0.18 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

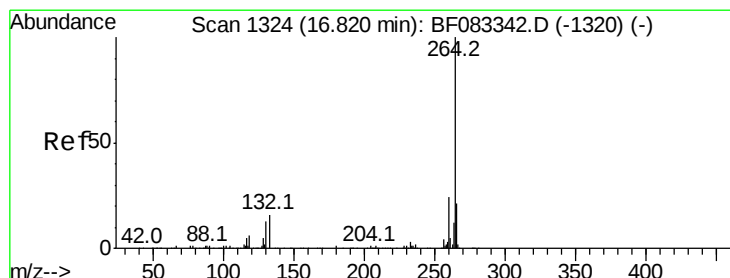
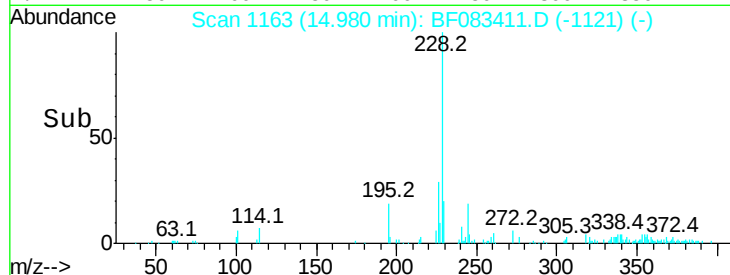
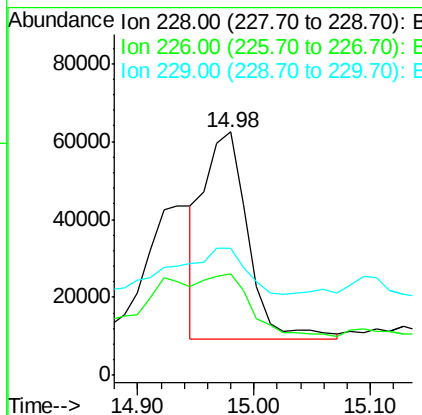
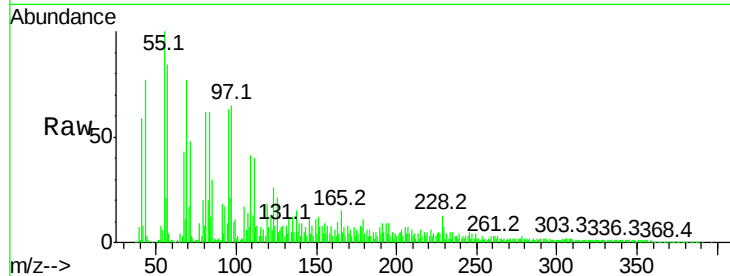
ClientSampleId :

STOCKPILE-GRAB1

Tot Ion:	228	Resp:	139367
Ion Ratio	Lower	Upper	
228	100		
226	41.7	24.6	37.0#
229	52.0	16.2	24.2#

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng/mL

RT: 16.95 min Scan# 1335

Delta R.T. 0.13 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Tgt Ion:	264	Resp:	190398
Ion Ratio	Lower	Upper	
264	100		
260	25.8	19.0	28.4
265	26.0	16.8	25.2#

