

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083415.D
 Acq On : 2 Dec 2015 13:39
 Operator : UM/IZ
 Sample : G4582-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)

Manual Integrations
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 12/3/2015 7:09:23 PM

Quant Time: Dec 03 03:17:00 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	152378m	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	600162	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	320740	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	580511	20.00	ng	-0.01
75) Chrysene-d12	14.73	240	513945	20.00	ng	-0.03
86) Perylene-d12	16.80	264	381275	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1502393	147.95	ng	0.01
7) Phenol-d6	6.22	99	2184280	157.15	ng	0.00
23) Nitrobenzene-d5	7.12	82	1300163	95.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	440914	136.94	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1708275	75.90	ng	-0.01
78) Terphenyl-d14	13.21	244	1777293	82.47	ng	-0.01
Target Compounds						
10) Phenol	6.24	94	36245	2.17	ng	94
31) Naphthalene	7.85	128	839120	25.77	ng	98
37) 2-Methylnaphthalene	8.54	142	57466	2.64	ng	98
49) Dimethylphthalate	9.31	163	462266	17.73	ng	98
51) Acenaphthene	9.61	154	87396	4.35	ng	99

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

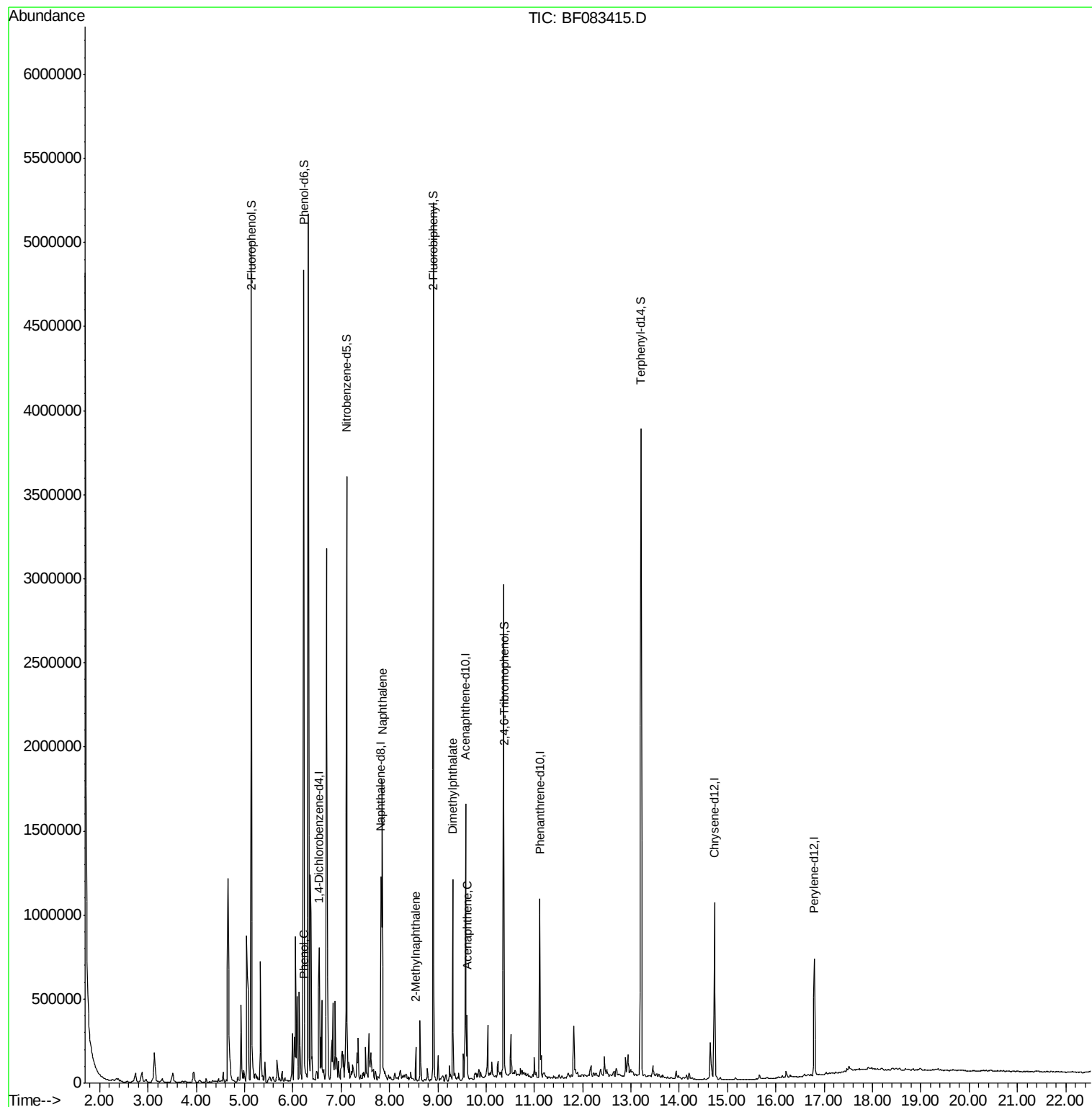
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

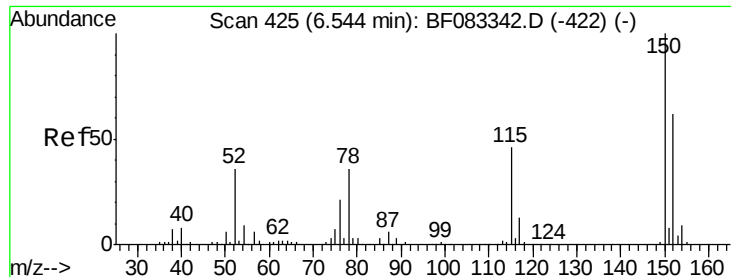
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)

Manual Integrations
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Quant Time: Dec 03 03:17:00 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





#1

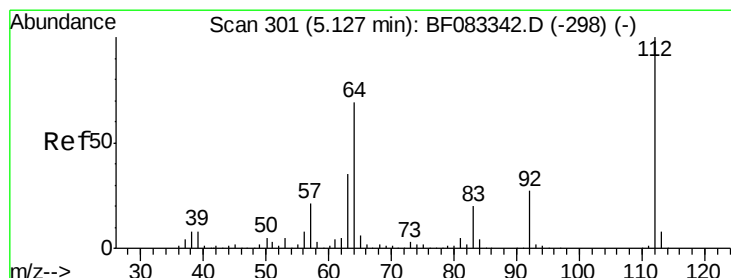
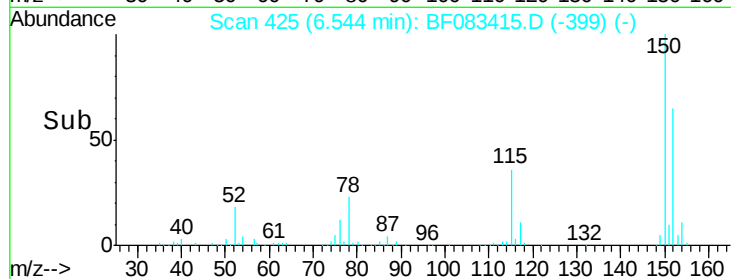
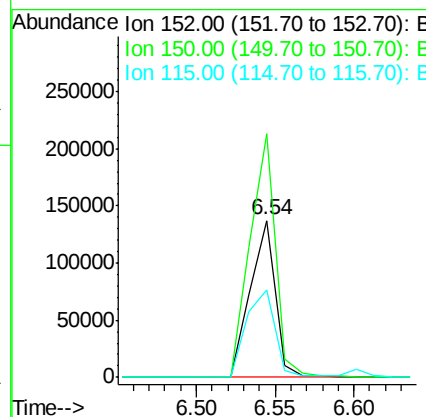
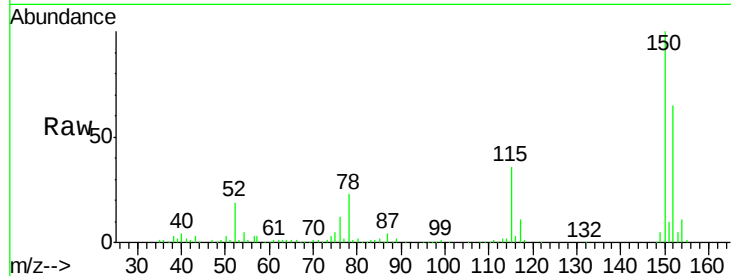
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	129.8	194.8
115	55.5	59.2	88.8

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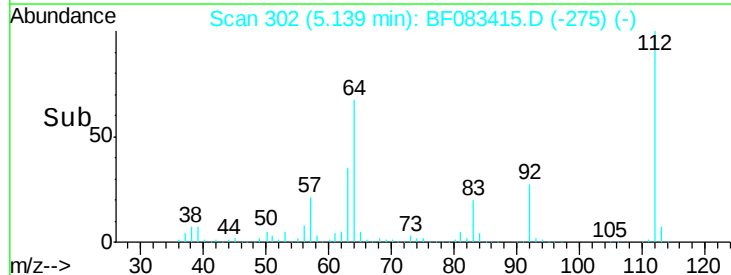
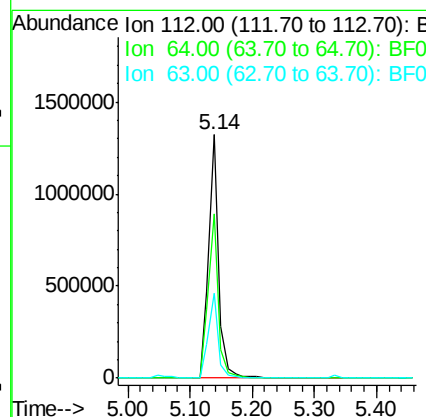
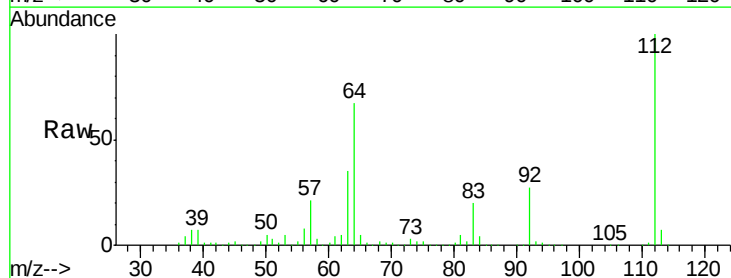
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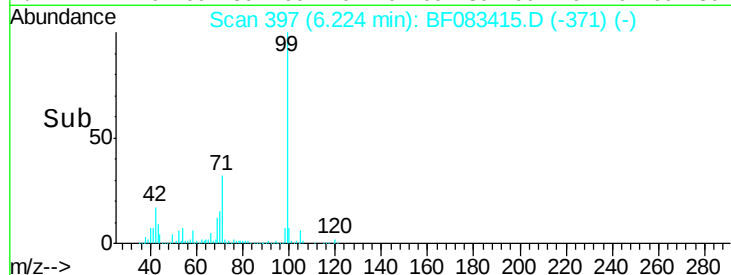
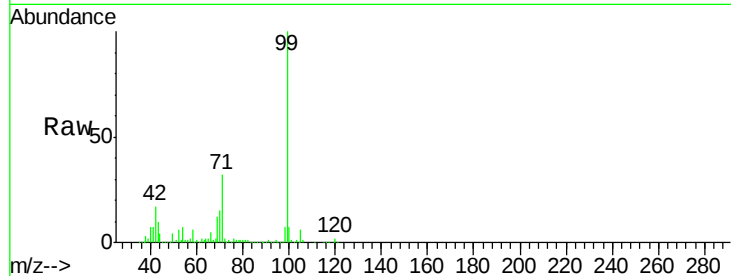
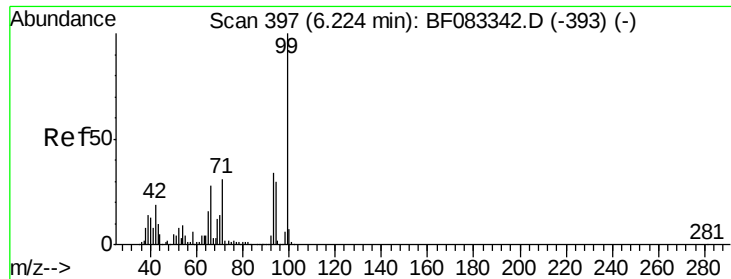


#5

2-Fluorophenol
Concen: 147.95 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	55.6	83.4
63	34.6	28.2	42.2





#7

Phenol-d6

Concen: 157.15 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Tot Ion: 99 Resp: 2184280

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

71 31.8 24.7 37.1

Instrument :

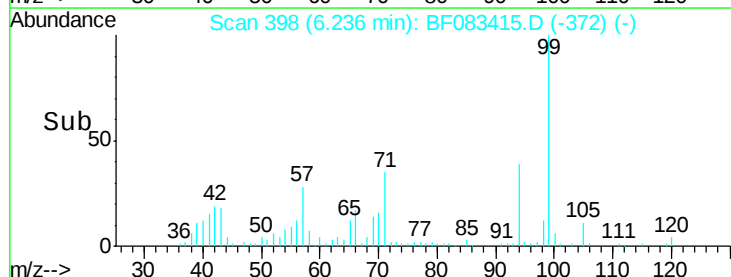
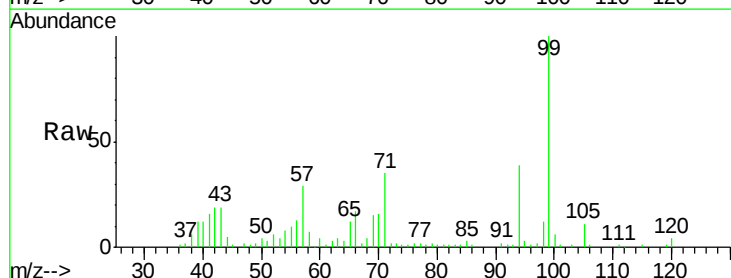
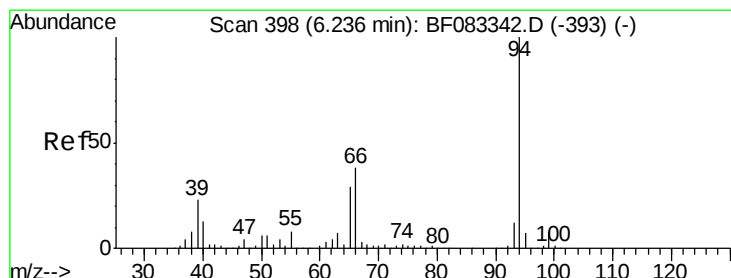
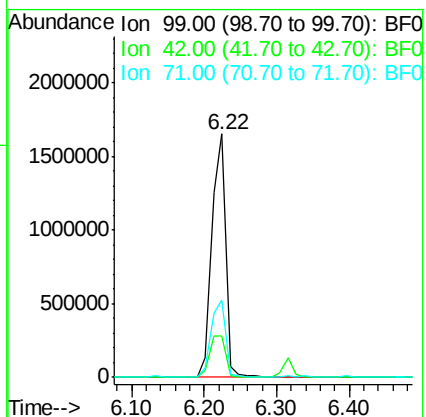
BNA_F

ClientSampleId :

SB-P3WC-07(8-14)

Manual Integrations
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#10

Phenol

Concen: 2.17 ng

RT: 6.24 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

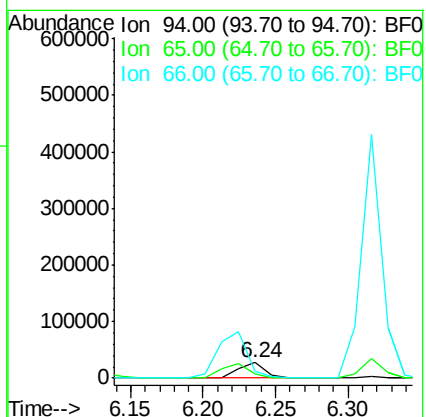
Tgt Ion: 94 Resp: 36245

Ion Ratio Lower Upper

94 100

65 30.6 9.5 49.5

66 43.7 17.9 57.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Instrument :

BNA_F

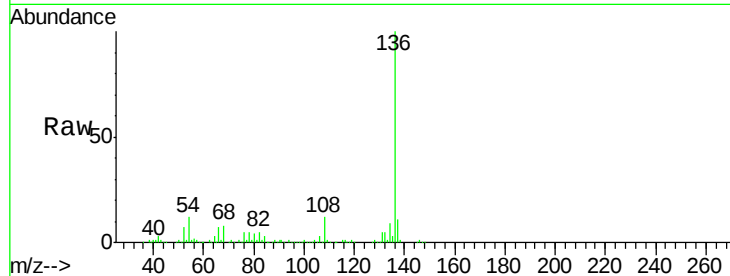
ClientSampleId :

SB-P3WC-07(8-14)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	600162		
137	11.1	9.0	13.4	
54	12.3	10.1	15.1	
68	8.3	7.1	10.7	

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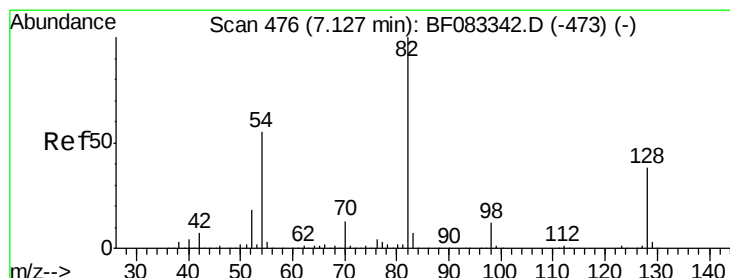
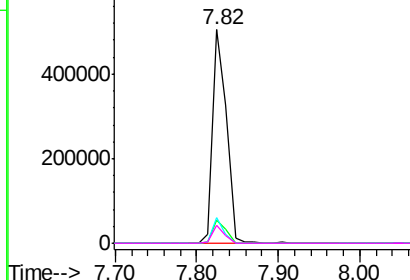
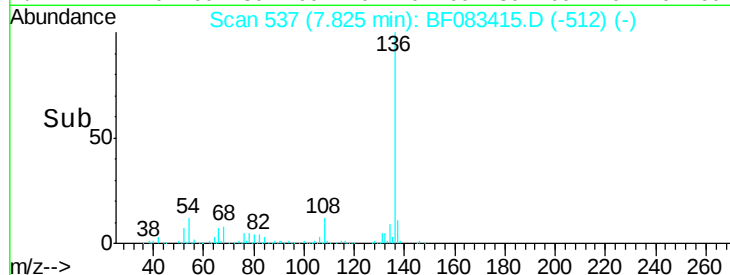


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 95.23 ng

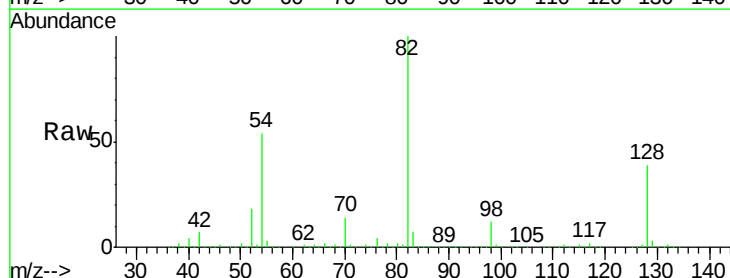
RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

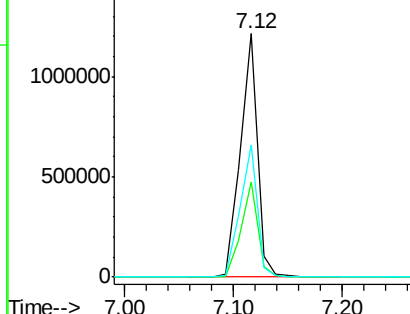
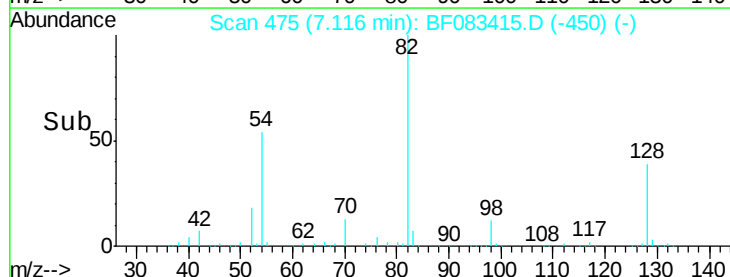
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1300163		
128	39.1	30.6	46.0	
54	54.3	43.8	65.6	

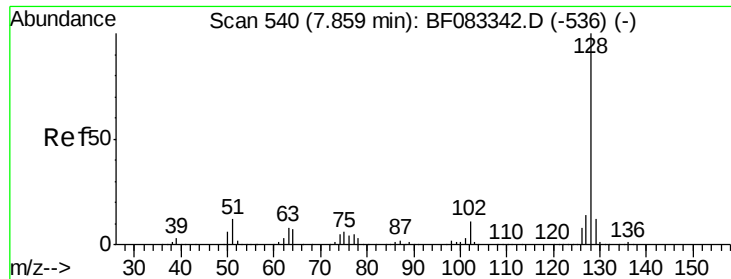


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 25.77 ng

RT: 7.85 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Instrument :

BNA_F

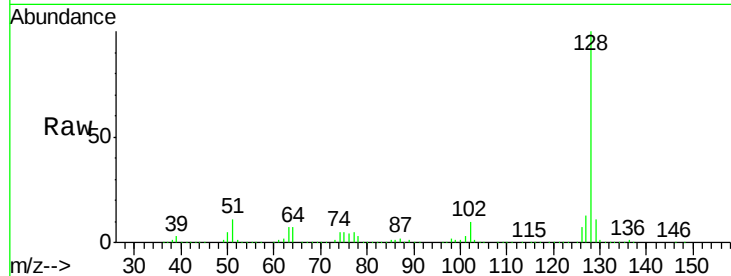
ClientSampleId :

SB-P3WC-07(8-14)

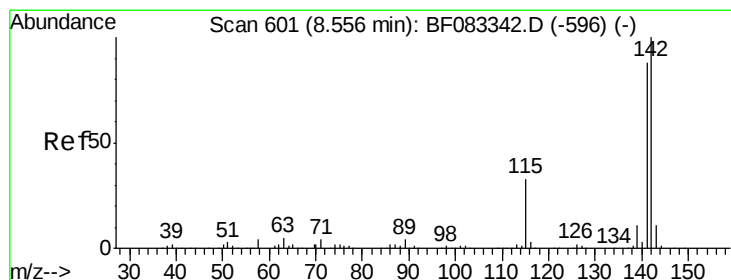
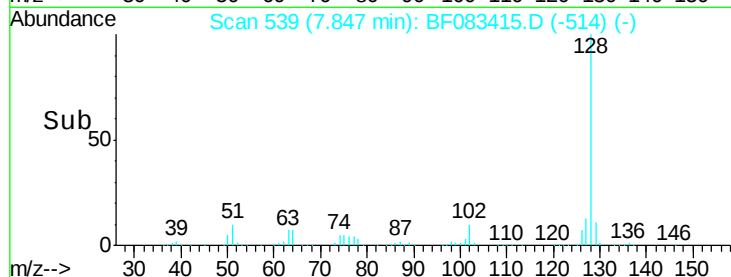
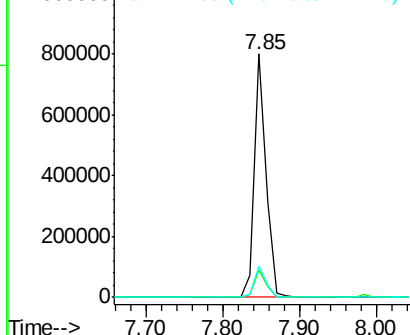
Tot Ion:	128	Resp:	839120
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.7	14.5
127	12.8	11.0	16.4

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



#37

2-Methylnaphthalene

Concen: 2.64 ng

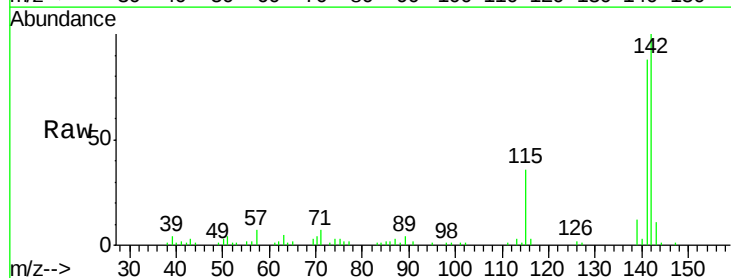
RT: 8.54 min Scan# 600

Delta R.T. -0.01 min

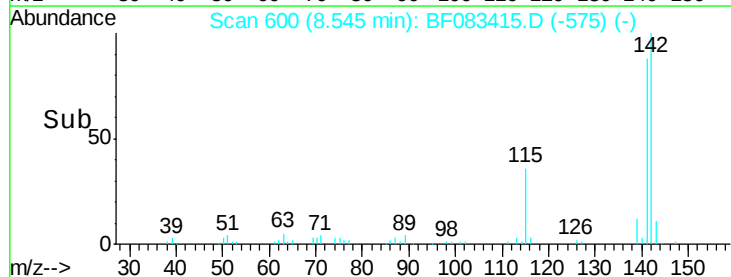
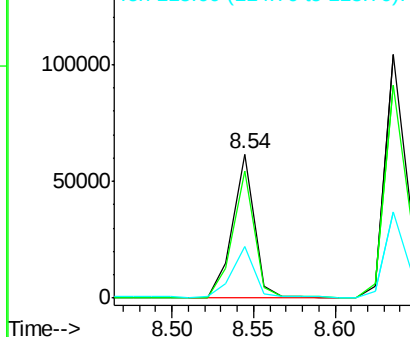
Lab File: BF083415.D

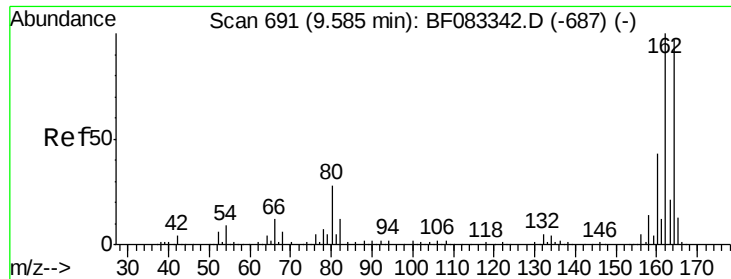
Acq: 2 Dec 2015 13:39

Tgt Ion:	142	Resp:	57466
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.6	105.8
115	35.5	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

RT: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Instrument :

BNA_F

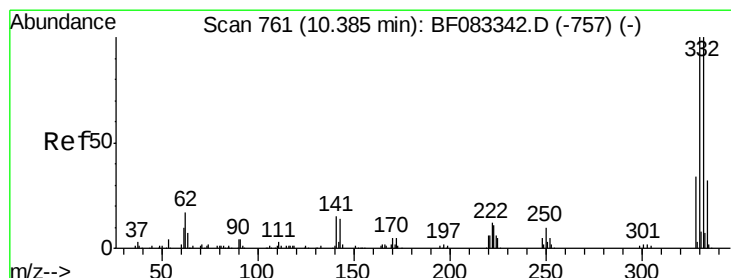
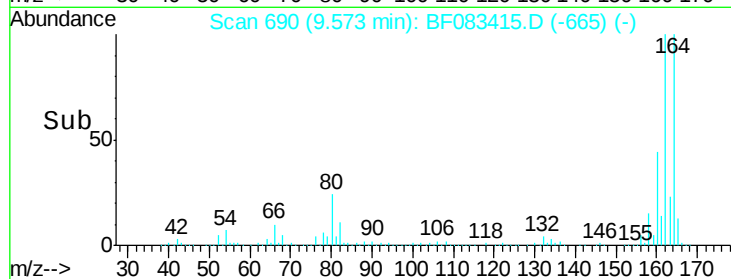
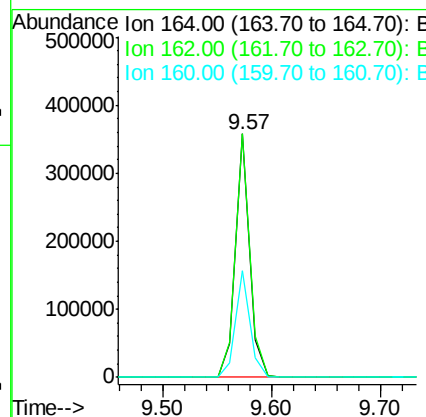
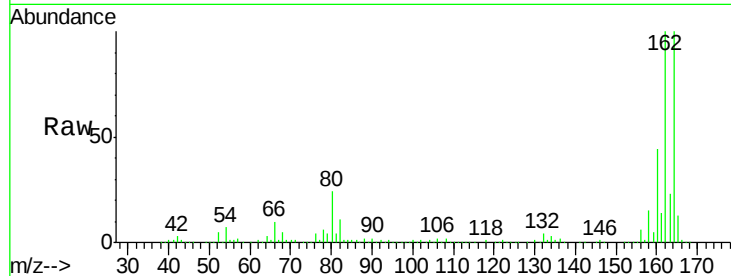
ClientSampleId :

SB-P3WC-07(8-14)

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Tot Ion	164	Resp	320740
Ion Ratio	Lower	Upper	
164	100		
162	100.1	82.6	123.8
160	43.8	35.3	52.9



#41

2,4,6-Tribromophenol

Concen: 136.94 ng

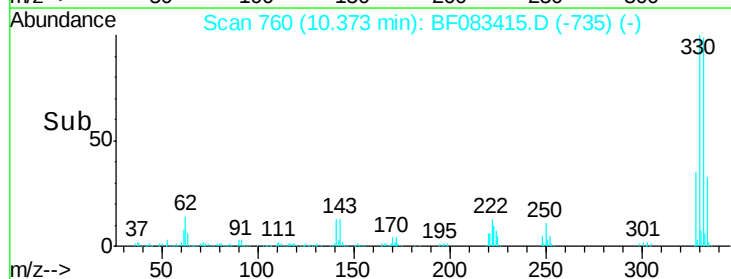
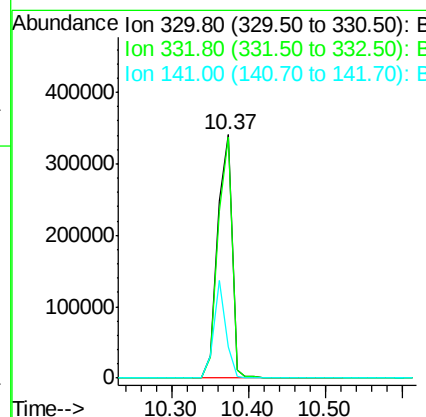
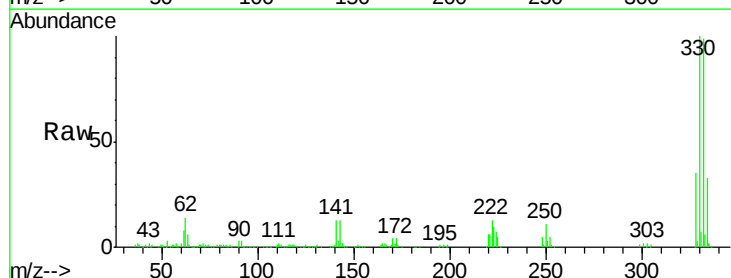
RT: 10.37 min Scan# 760

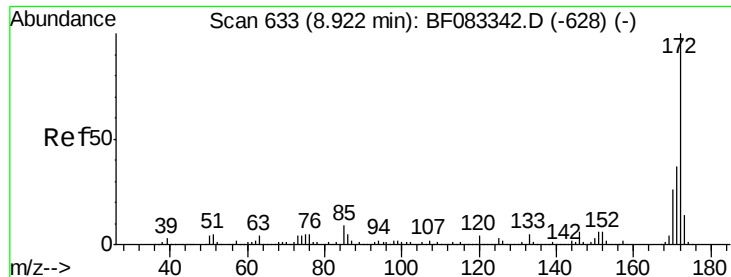
Delta R.T. -0.01 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Tgt Ion	330	Resp	440914
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.8	116.6
141	34.1	29.4	44.0





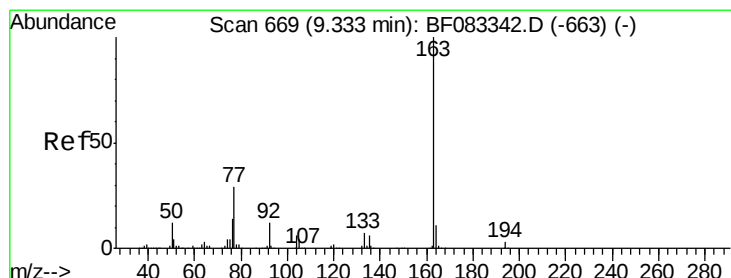
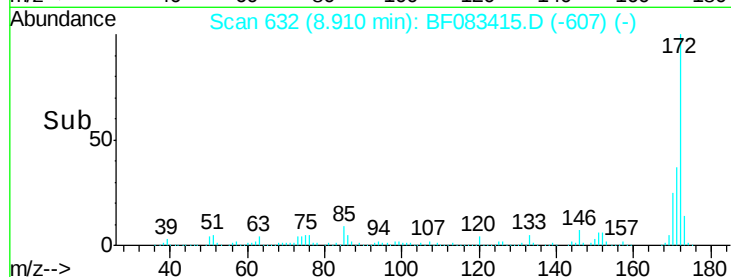
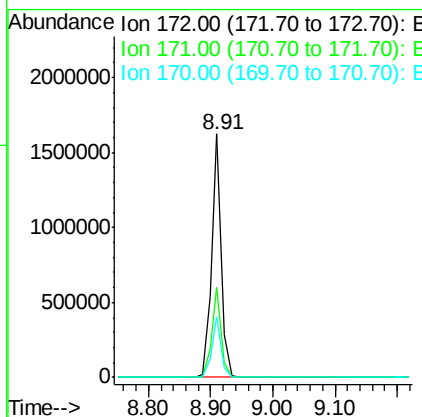
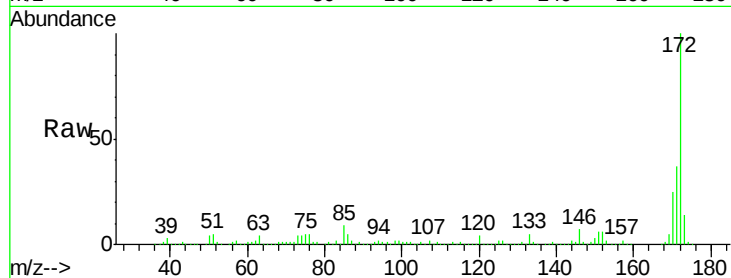
#44
2-Fluorobiphenyl
Concen: 75.90 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.1	20.4	30.6

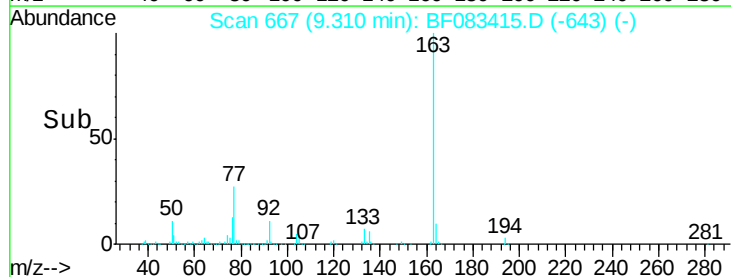
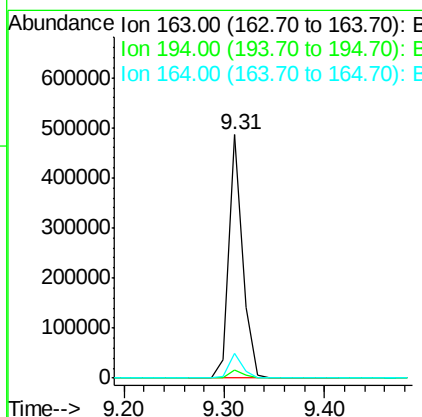
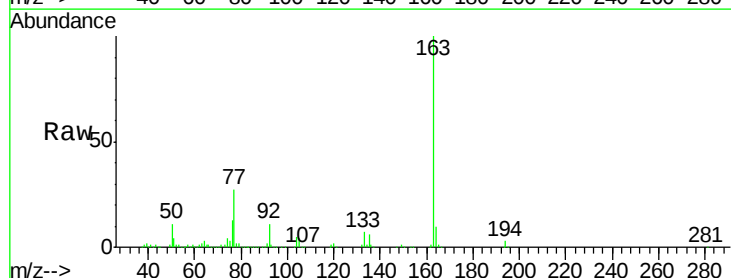
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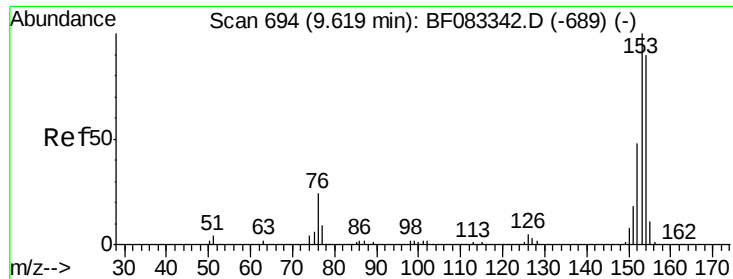
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#49
Dimethylphthalate
Concen: 17.73 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.3	8.8	13.2





#51

Acenaphthene

Concen: 4.35 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Instrument :

BNA_F

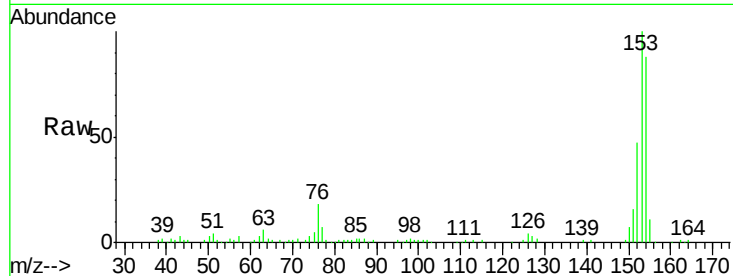
ClientSampleId :

SB-P3WC-07(8-14)

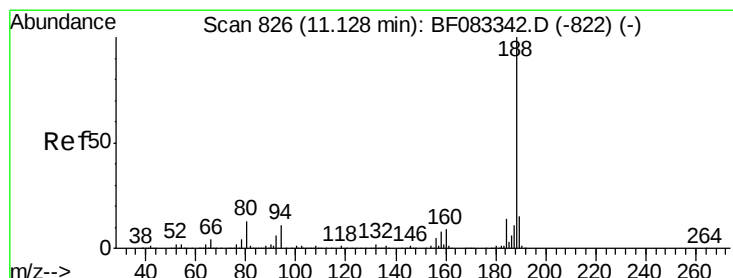
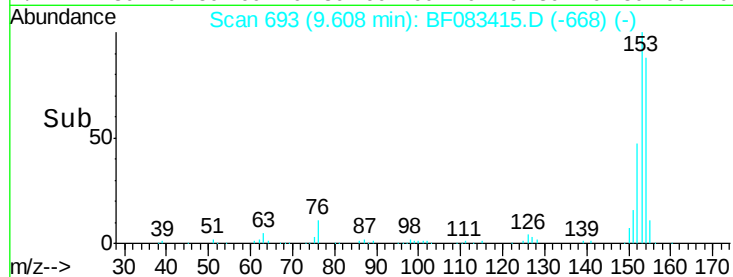
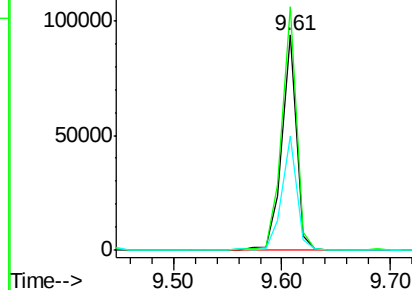
Tot Ion:	154	Resp:	87396
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.3	133.9
152	53.1	42.5	63.7

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

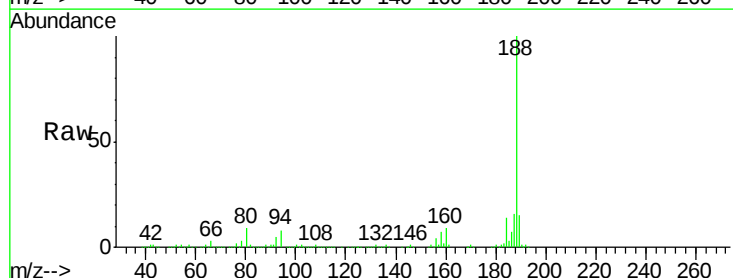
RT: 11.12 min Scan# 825

Delta R.T. -0.01 min

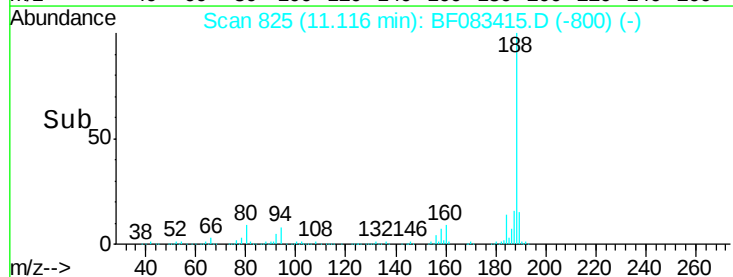
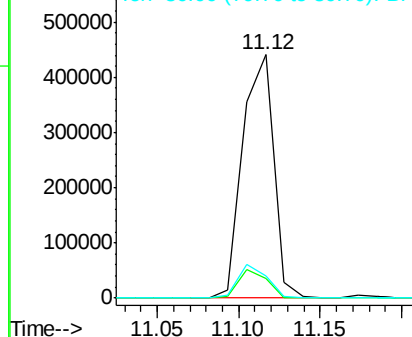
Lab File: BF083415.D

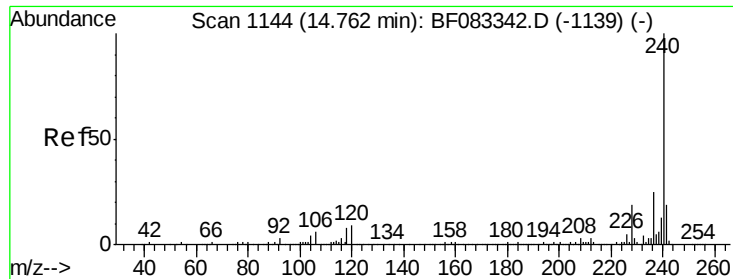
Acq: 2 Dec 2015 13:39

Tgt Ion:	188	Resp:	580511
Ion Ratio	Lower	Upper	
188	100		
94	7.9	8.7	13.1#
80	9.1	10.3	15.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





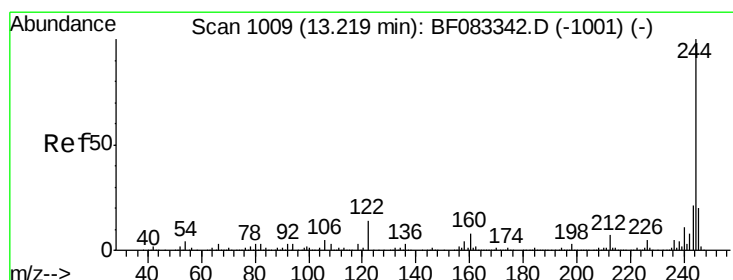
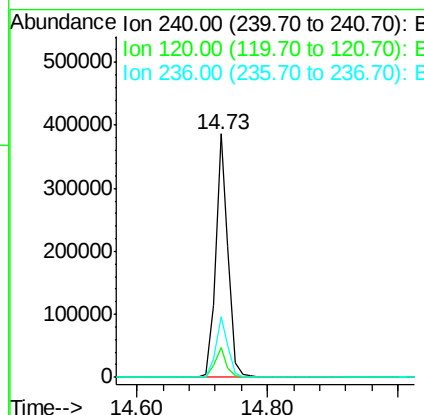
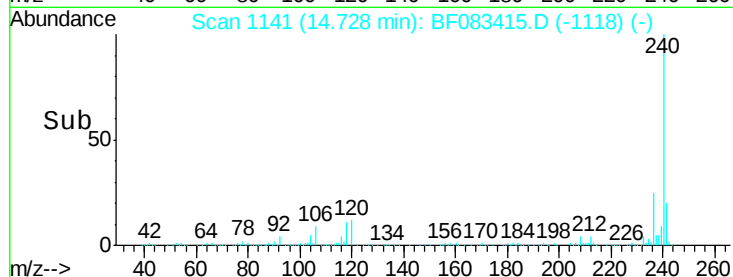
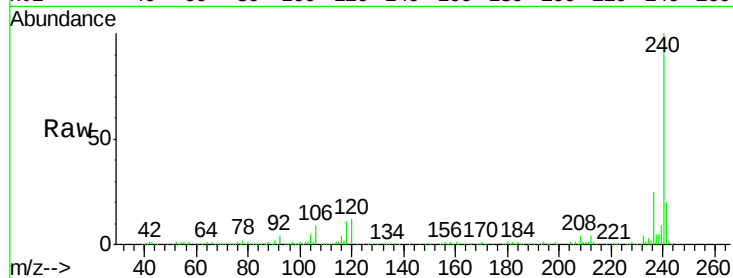
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.03 min
 Lab File: BF083415.D
 Acq: 2 Dec 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.1	6.9	10.3	
236	25.0	19.8	29.6	

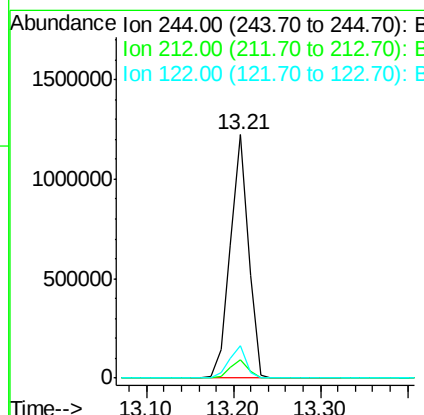
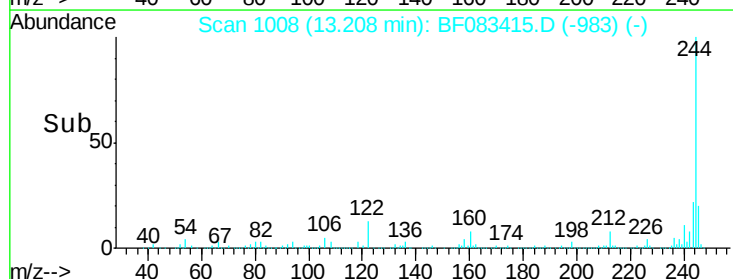
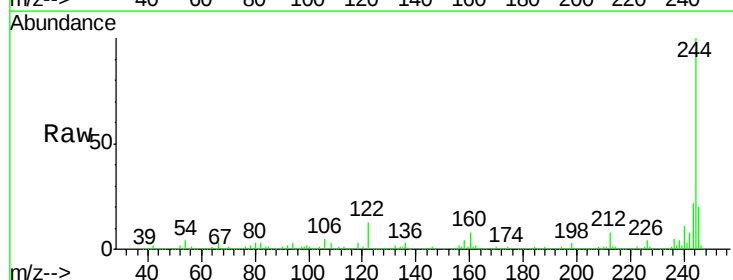
Manual Integrations
 APPROVED

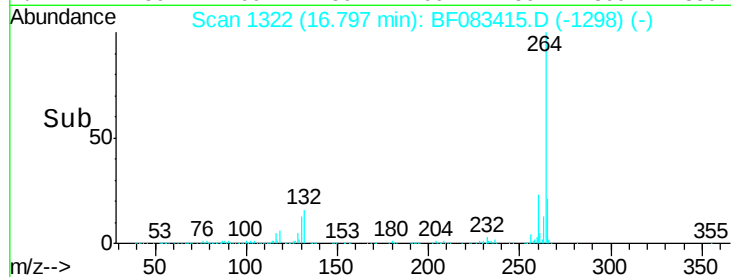
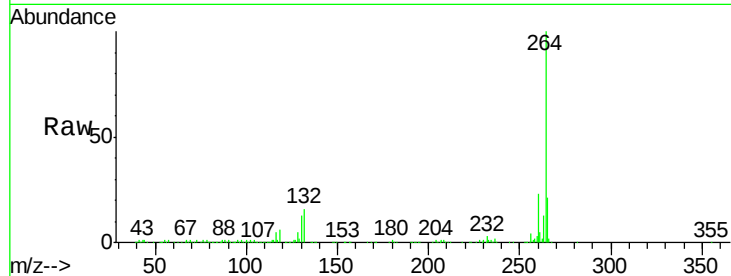
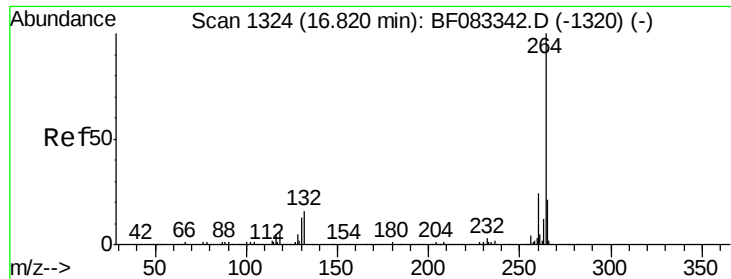
Mmdadoda
 12/3/2015 7:09:23 PM



#78
 Terphenyl-d14
 Concen: 82.47 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF083415.D
 Acq: 2 Dec 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.6	5.8	8.8	
122	13.3	11.0	16.4	





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.1	19.0	28.4	
265	21.0	16.8	25.2	

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:23 PM

