

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083418.D
 Acq On : 2 Dec 2015 15:11
 Operator : UM/IZ
 Sample : G4582-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(8-14)

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:31 PM

Quant Time: Dec 03 03:36:57 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	145287m	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	587326	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	306368	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	547750	20.00	ng	-0.02
75) Chrysene-d12	14.73	240	490003	20.00	ng	-0.03
86) Perylene-d12	16.79	264	355068	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1519574	156.94	ng	0.01
7) Phenol-d6	6.21	99	1822513	137.52	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1339398	100.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	382741	124.45	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1740126	80.94	ng	-0.01
78) Terphenyl-d14	13.21	244	1625563	79.12	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.85	128	2719071	85.33	ng	99
37) 2-Methylnaphthalene	8.54	142	78984	3.71	ng	98
48) Acenaphthylene	9.44	152	71876	2.20	ng	97
49) Dimethylphthalate	9.31	163	437940	17.59	ng	99
51) Acenaphthene	9.61	154	41926	2.18	ng	94
70) Phenanthrene	11.14	178	240983	7.43	ng	97
74) Fluoranthene	12.64	202	105883	3.15	ng	96
77) Pyrene	12.95	202	146864	4.29	ng	98

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

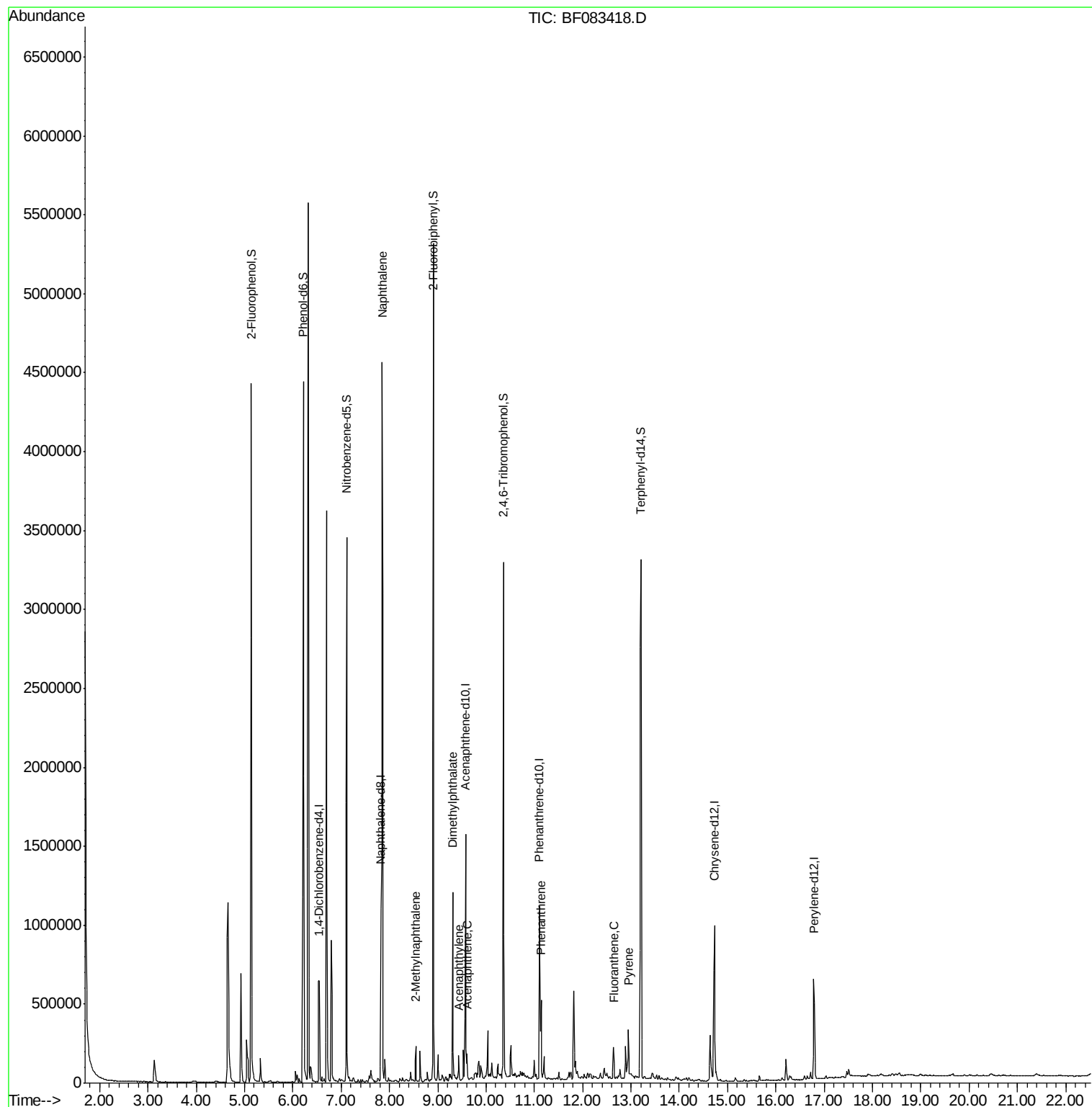
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083418.D
Acq On : 2 Dec 2015 15:11
Operator : UM/IZ
Sample : G4582-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

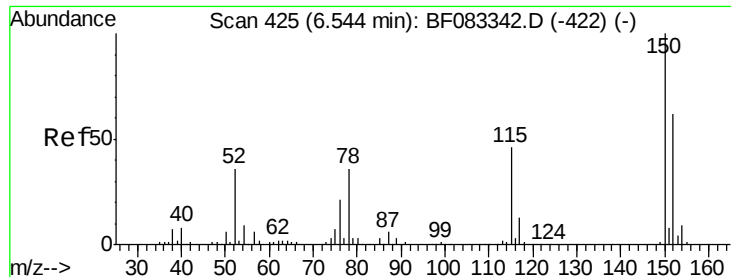
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Manual Integrations
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12/3/2015 7:09:31 PM

Quant Time: Dec 03 03:36:57 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

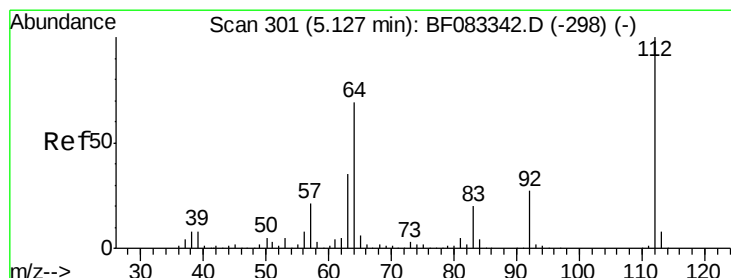
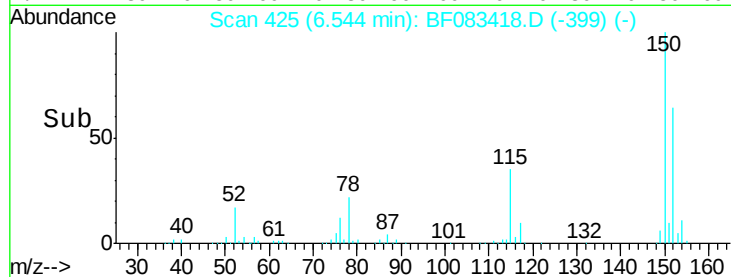
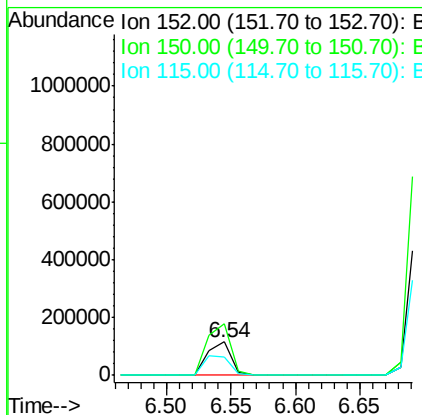
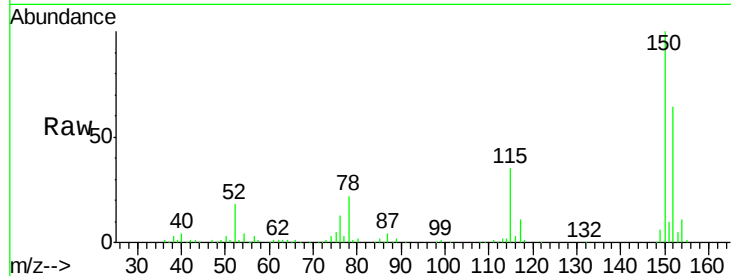
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	129.8	194.8
115	54.1	59.2	88.8

Manual Integrations
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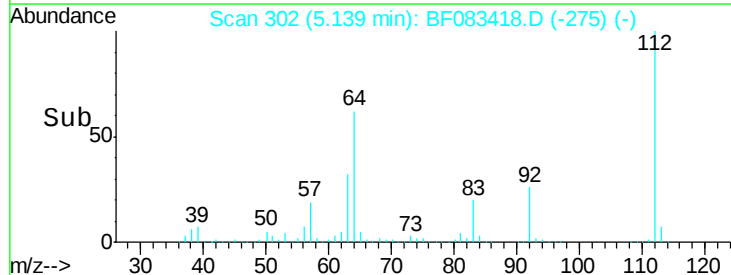
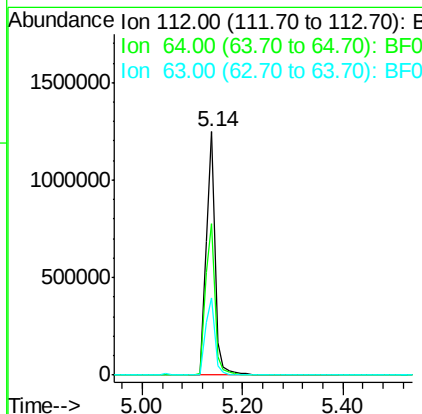
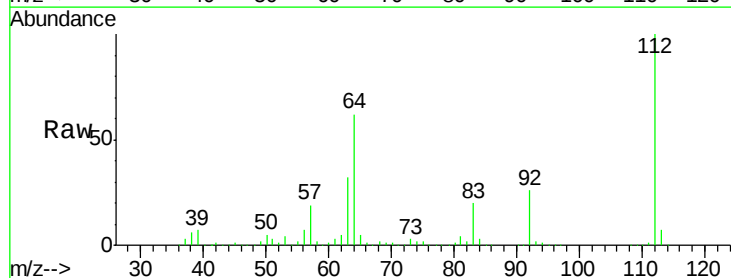
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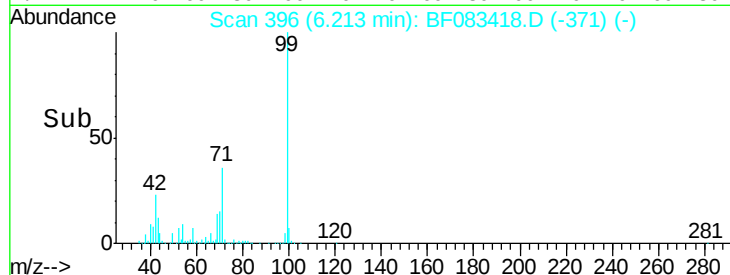
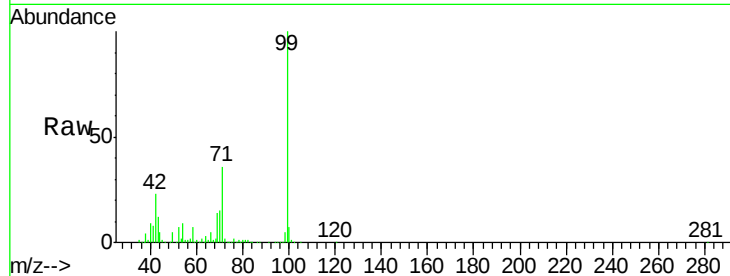


#5

2-Fluorophenol
Concen: 156.94 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	55.6	83.4
63	31.5	28.2	42.2





#7

Phenol-d6

Concen: 137.52 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083418.D

Acq: 2 Dec 2015 15:11

Tot Ion:	99	Resp:	1822513
Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.9	22.3#
71	35.8	24.7	37.1

Instrument :

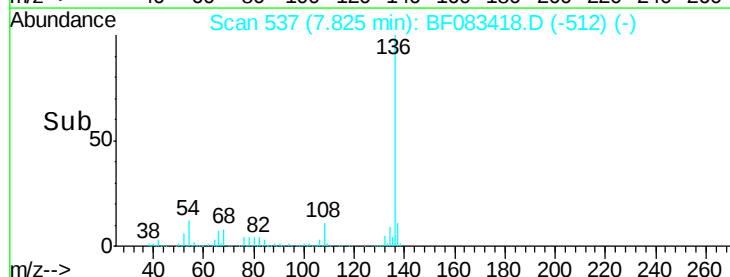
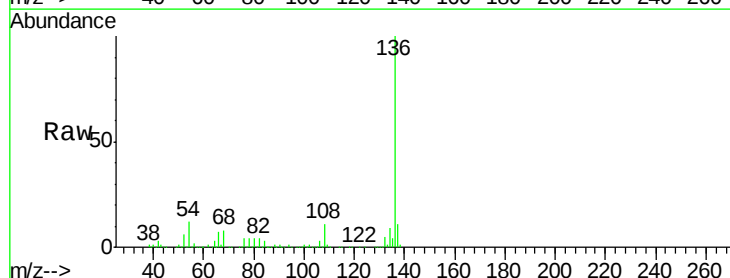
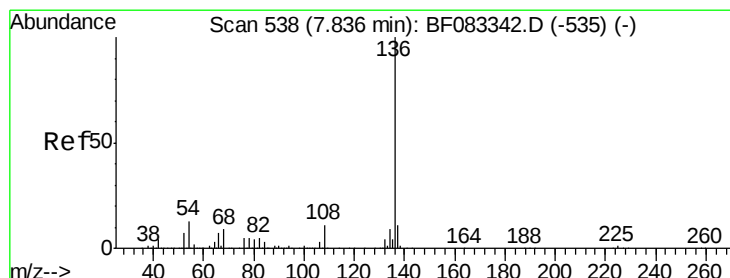
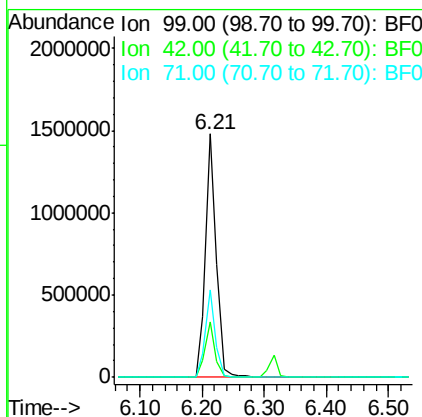
BNA_F

ClientSampleId :

SB-P3WC-09(8-14)

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.00 ng

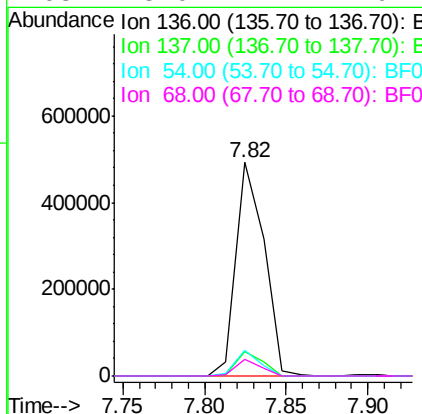
RT: 7.82 min Scan# 537

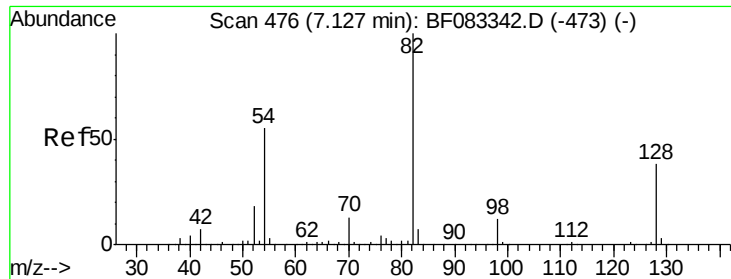
Delta R.T. -0.01 min

Lab File: BF083418.D

Acq: 2 Dec 2015 15:11

Tgt Ion:	136	Resp:	587326
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	12.0	10.1	15.1
68	8.0	7.1	10.7





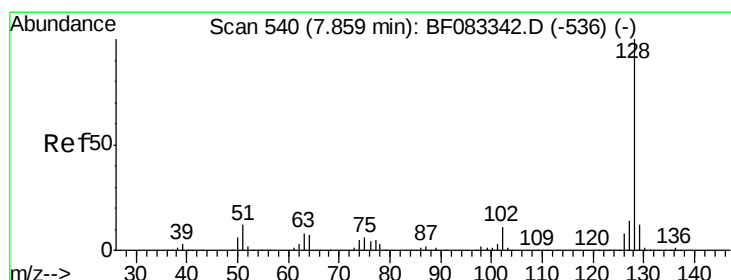
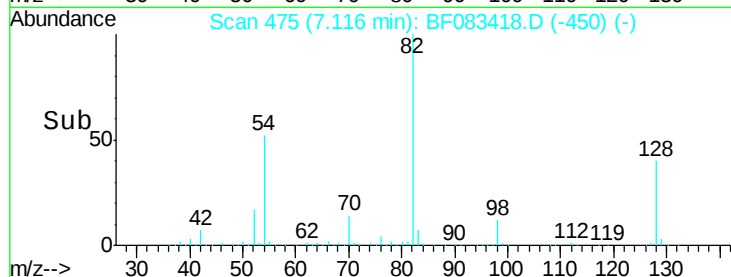
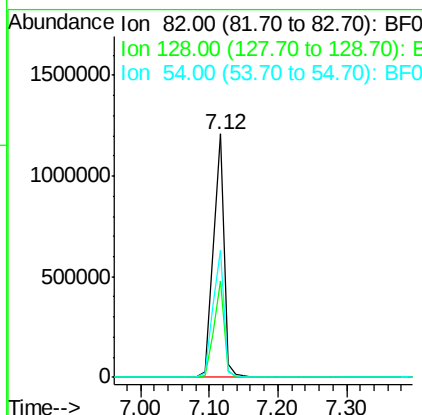
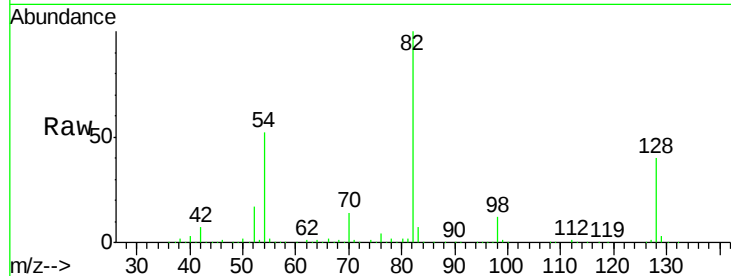
#23
 Nitrobenzene-d5
 Concen: 100.25 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083418.D
 Acq: 2 Dec 2015 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(8-14)

Tot Ion: 82 Resp: 1339398
 Ion Ratio Lower Upper
 82 100
 128 39.7 30.6 46.0
 54 52.1 43.8 65.6

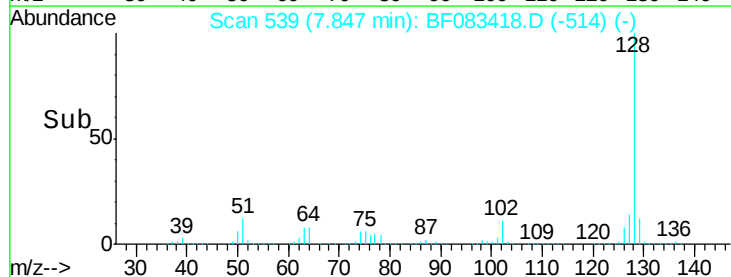
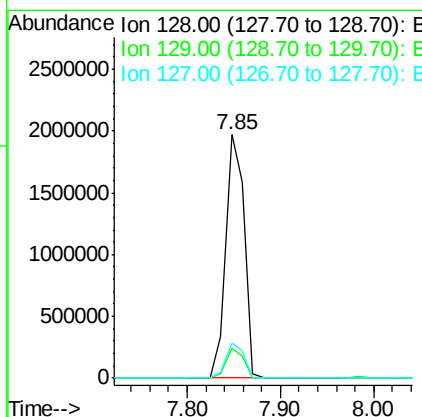
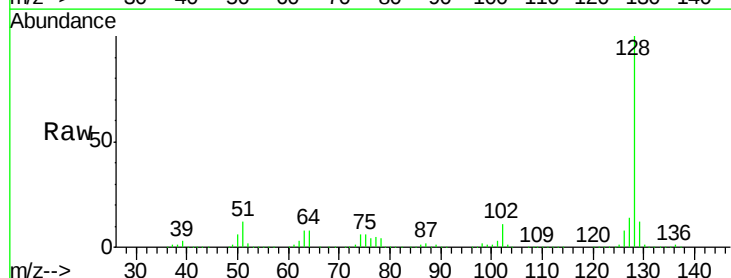
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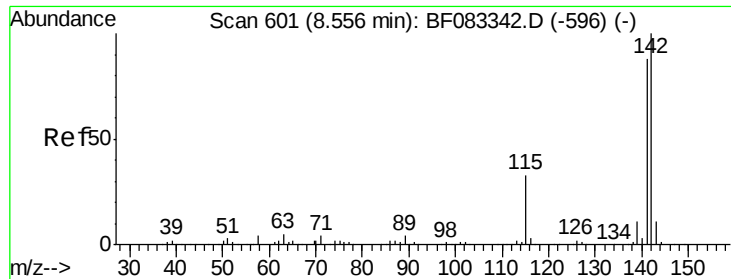
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#31
 Naphthalene
 Concen: 85.33 ng
 RT: 7.85 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF083418.D
 Acq: 2 Dec 2015 15:11

Tgt Ion: 128 Resp: 2719071
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.7 14.5
 127 14.3 11.0 16.4





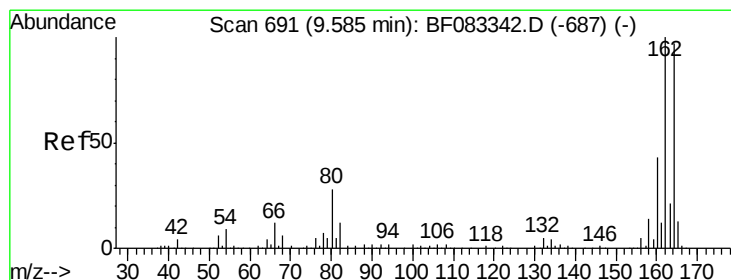
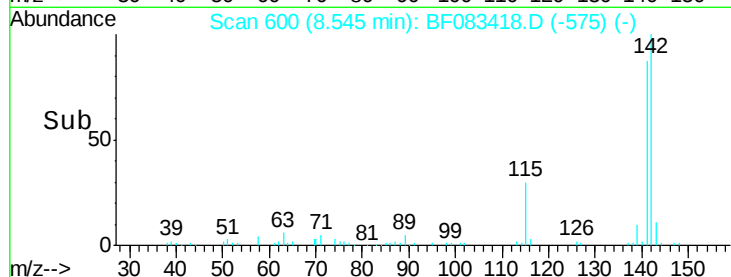
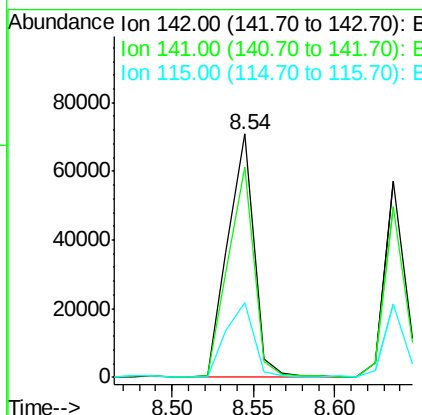
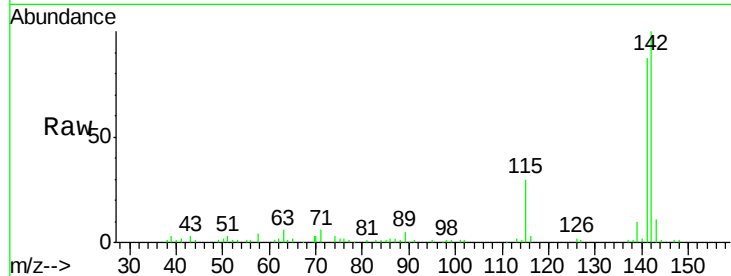
#37
2-Methylnaphthalene
Concen: 3.71 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.6	105.8
115	30.5	26.2	39.2

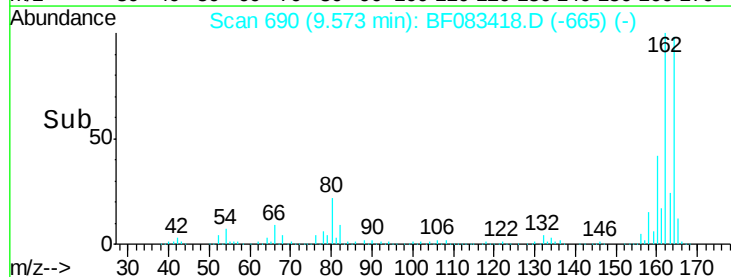
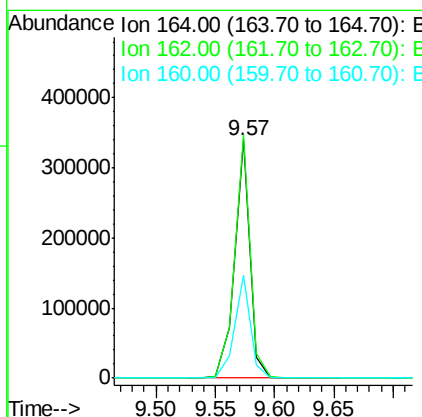
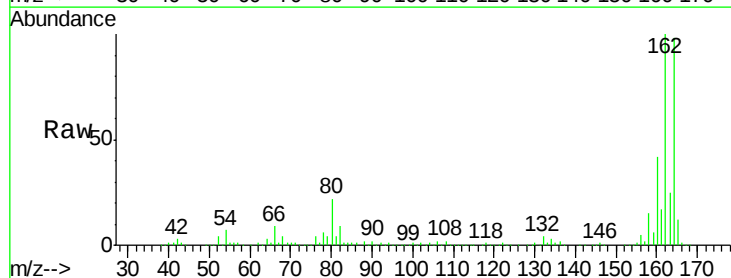
Manual Integrations
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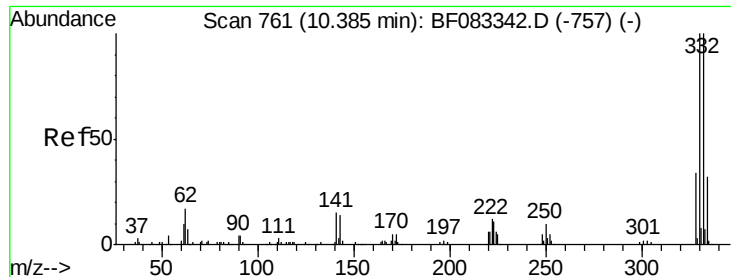
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	43.0	35.3	52.9





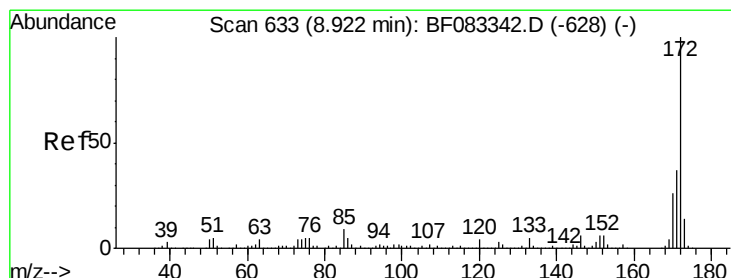
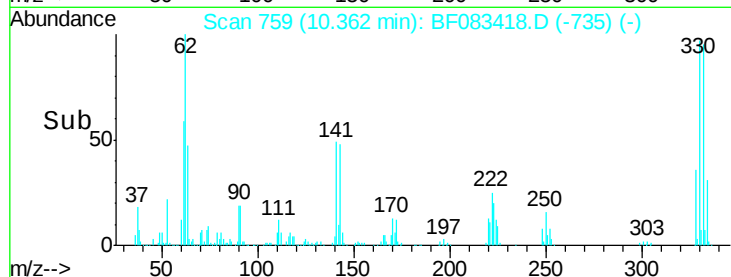
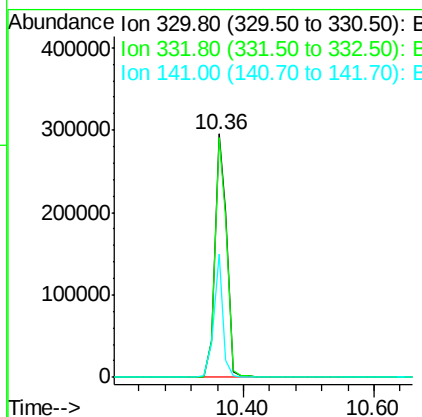
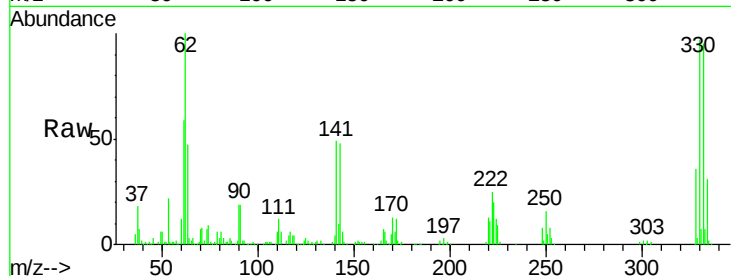
#41
 2,4,6-Tribromophenol
 Concen: 124.45 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083418.D
 Acq: 2 Dec 2015 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(8-14)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.9	77.8	116.6	
141	39.0	29.4	44.0	

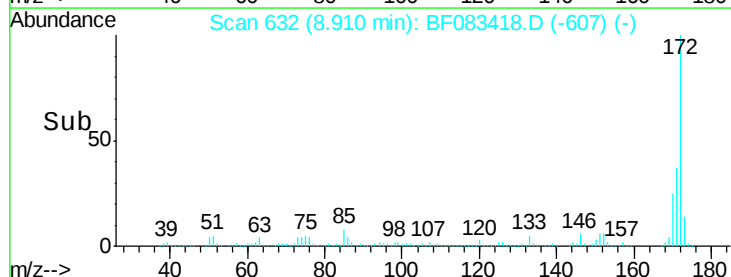
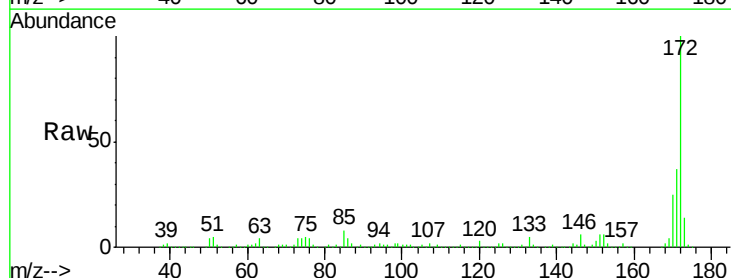
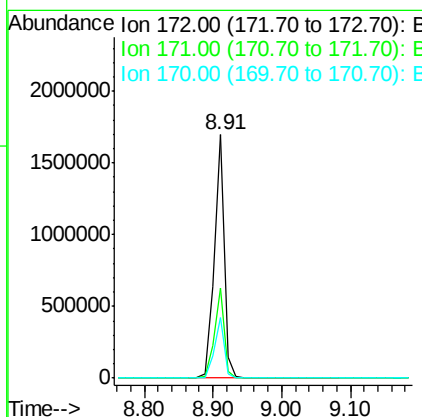
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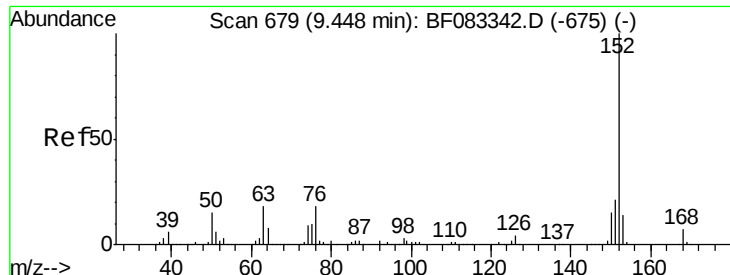
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 12/3/2015 7:09:31 PM



#44
 2-Fluorobiphenyl
 Concen: 80.94 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083418.D
 Acq: 2 Dec 2015 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.0	29.4	44.0	
170	25.0	20.4	30.6	





#48

Acenaphthylene

Concen: 2.20 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083418.D

Acq: 2 Dec 2015 15:11

Instrument :

BNA_F

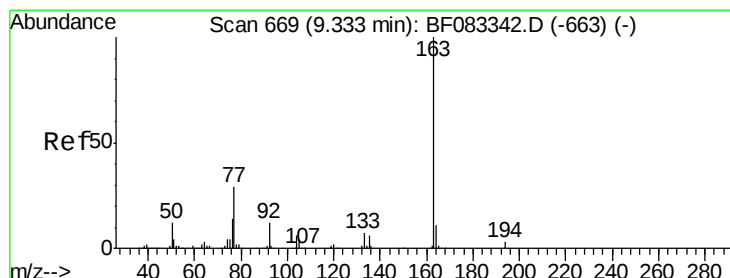
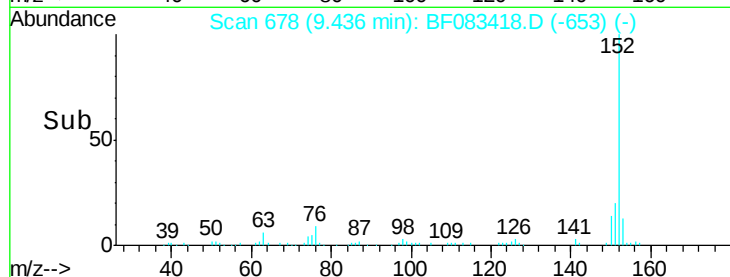
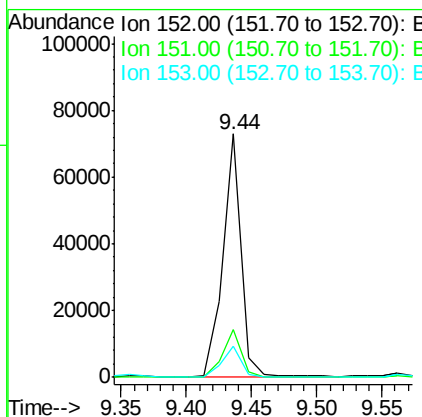
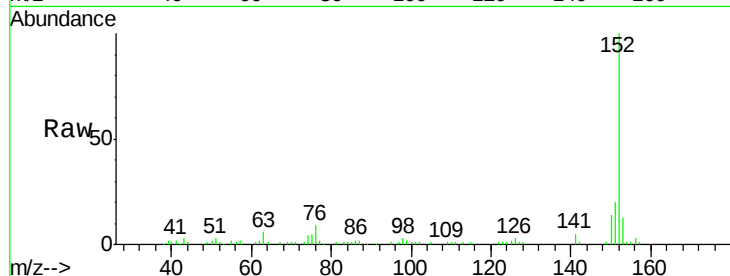
ClientSampleId :

SB-P3WC-09(8-14)

Tot Ion:	152	Resp:	71876
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.7	25.1
153	12.7	11.2	16.8

Manual Integrations
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#49

Dimethylphthalate

Concen: 17.59 ng

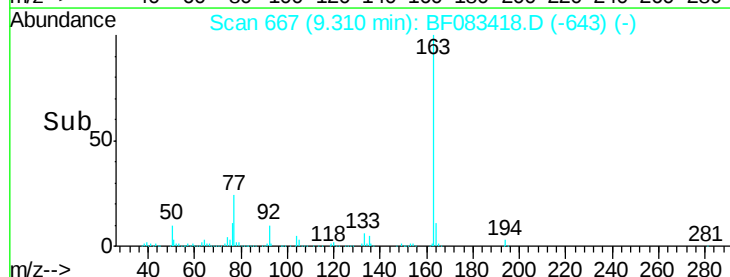
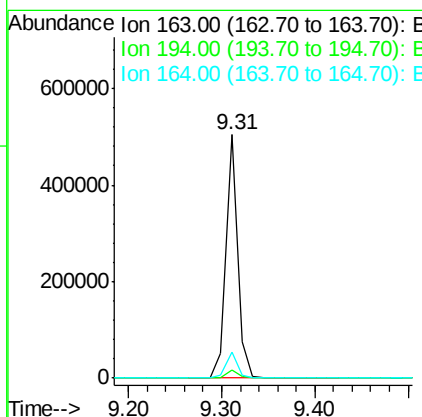
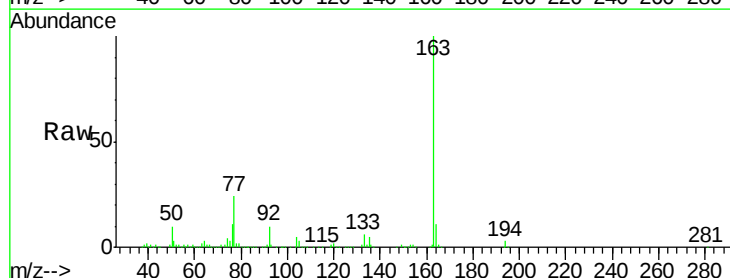
RT: 9.31 min Scan# 667

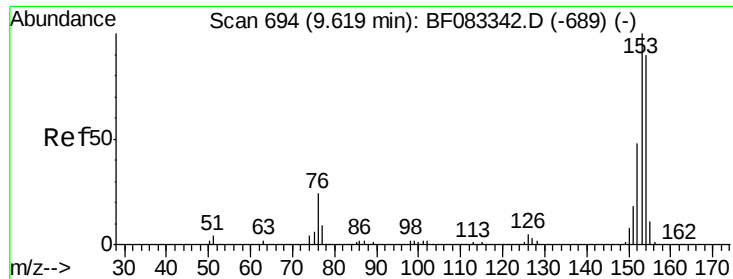
Delta R.T. -0.02 min

Lab File: BF083418.D

Acq: 2 Dec 2015 15:11

Tgt Ion:	163	Resp:	437940
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.6	8.8	13.2





#51

Acenaphthene

Concen: 2.18 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083418.D

Acq: 2 Dec 2015 15:11

Instrument :

BNA_F

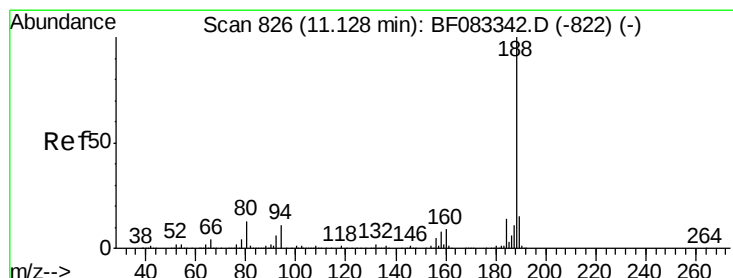
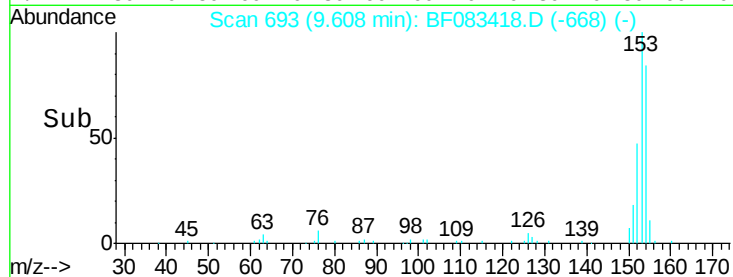
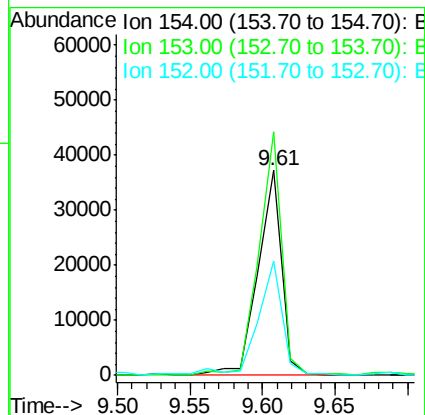
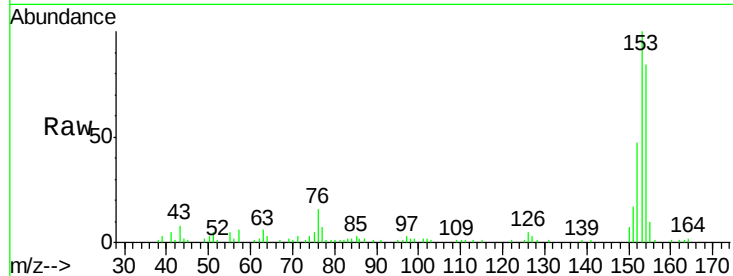
ClientSampleId :

SB-P3WC-09(8-14)

Manual Integrations
APPROVED

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12/3/2015 7:09:31 PM

Tot Ion:	154	Resp:	41926
Ion Ratio	Lower	Upper	
154	100		
153	118.9	89.3	133.9
152	56.1	42.5	63.7



#63

Phenanthrene-d10

Concen: 20.00 ng

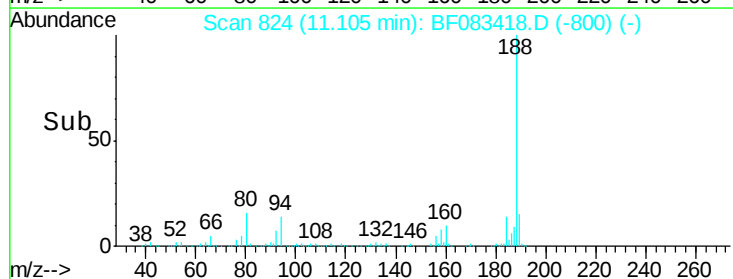
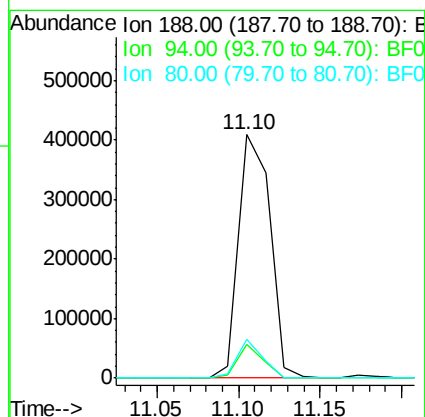
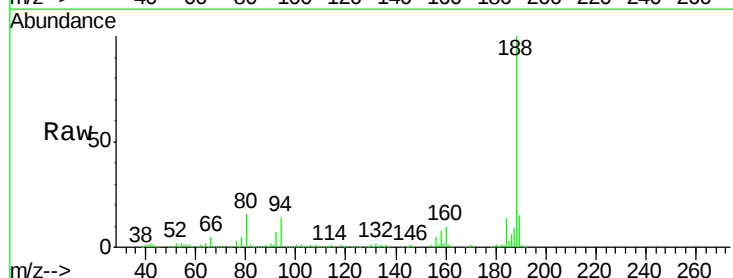
RT: 11.10 min Scan# 824

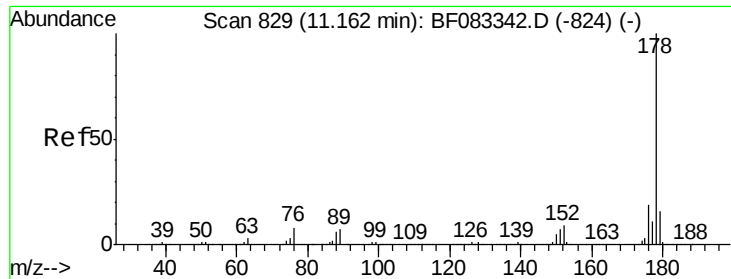
Delta R.T. -0.02 min

Lab File: BF083418.D

Acq: 2 Dec 2015 15:11

Tgt Ion:	188	Resp:	547750
Ion Ratio	Lower	Upper	
188	100		
94	13.7	8.7	13.1#
80	16.1	10.3	15.5#





#70

Phenanthrene

Concen: 7.43 ng

RT: 11.14 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF083418.D

Acq: 2 Dec 2015 15:11

Instrument :

BNA_F

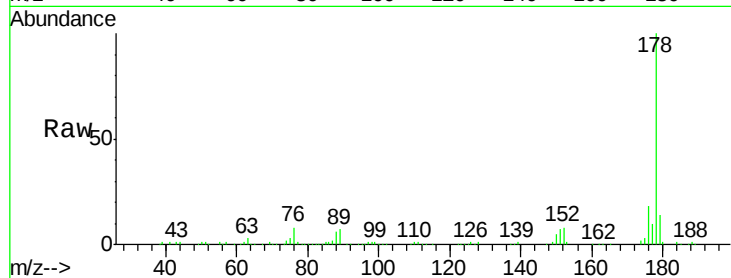
ClientSampleId :

SB-P3WC-09(8-14)

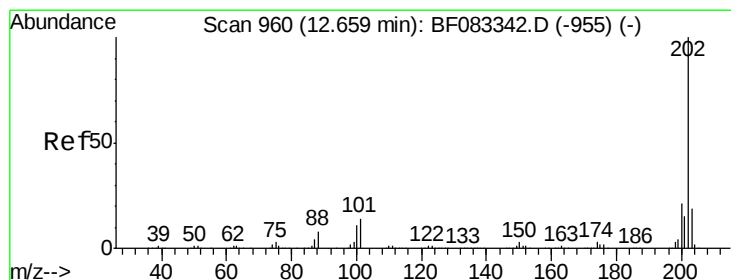
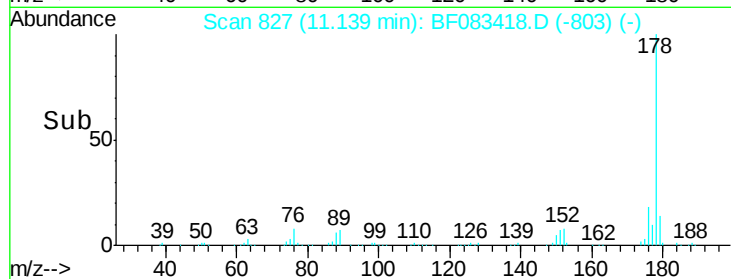
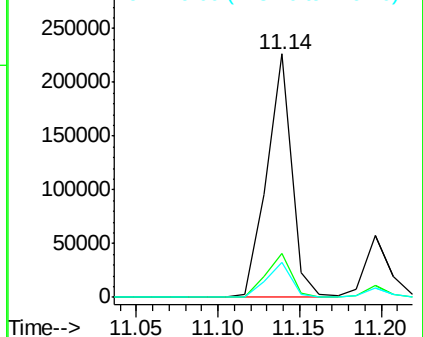
Tot Ion:	178	Resp:	240983
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.3	22.9
179	14.3	12.4	18.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.15 ng

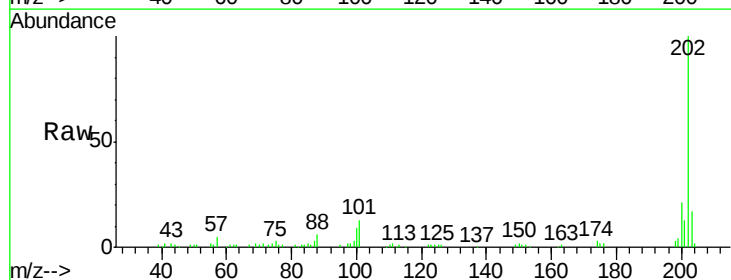
RT: 12.64 min Scan# 958

Delta R.T. -0.02 min

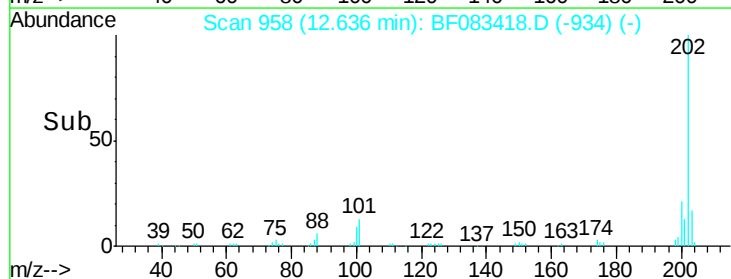
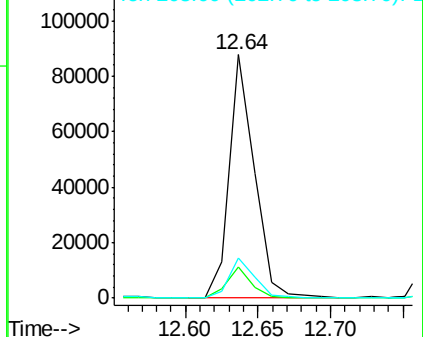
Lab File: BF083418.D

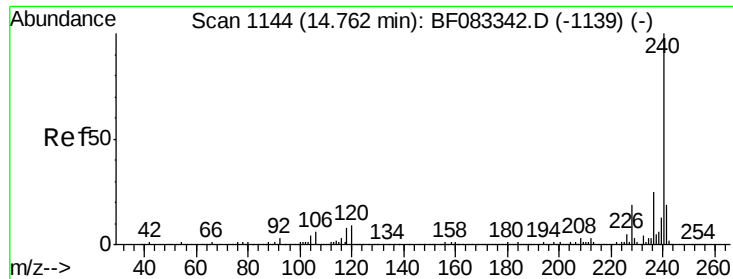
Acq: 2 Dec 2015 15:11

Tgt Ion:	202	Resp:	105883
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	34.5
203	16.6	0.0	38.7



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





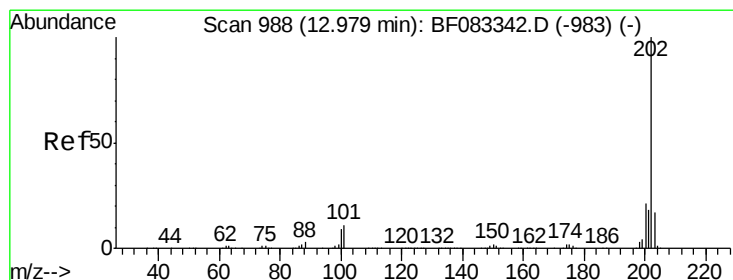
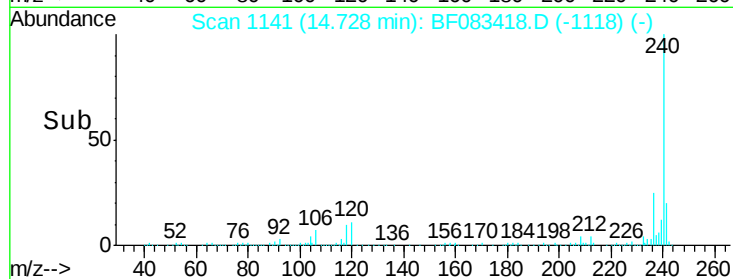
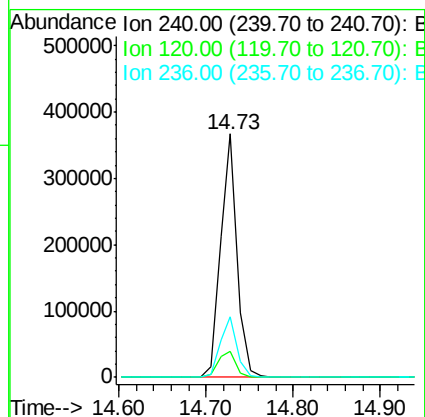
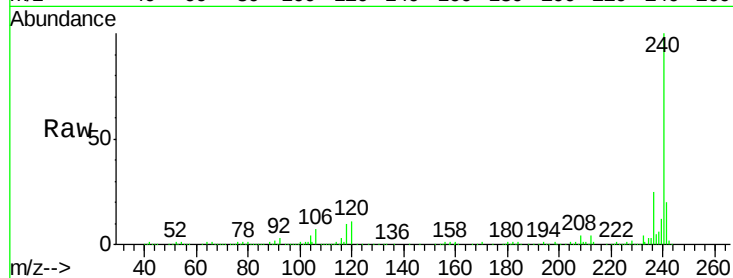
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.03 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.6	6.9	10.3	
236	25.1	19.8	29.6	

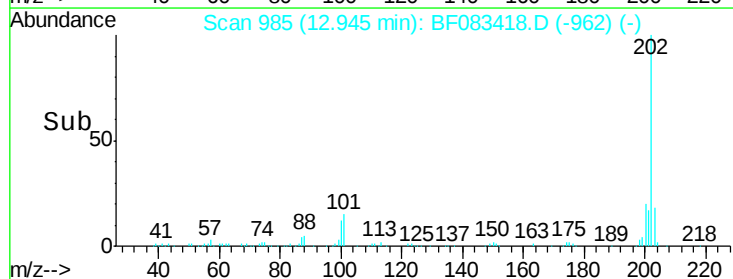
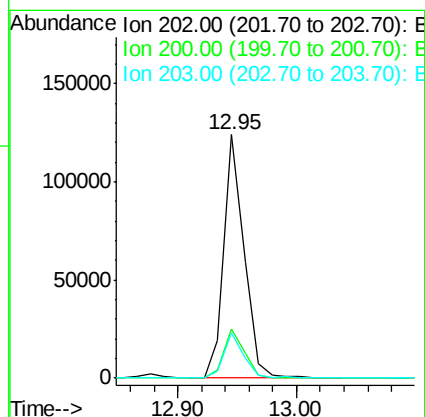
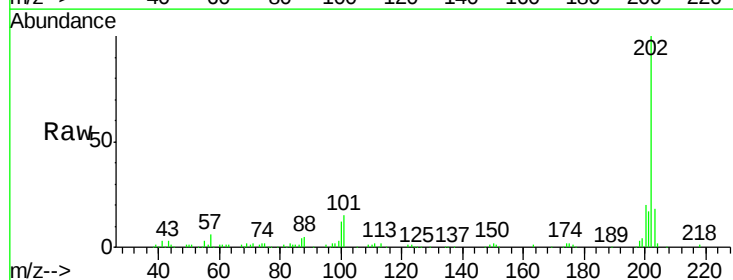
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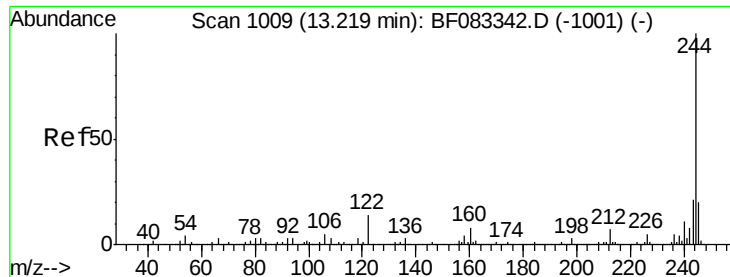
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#77
Pyrene
Concen: 4.29 ng
RT: 12.95 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.3	16.9	25.3	
203	18.4	13.9	20.9	





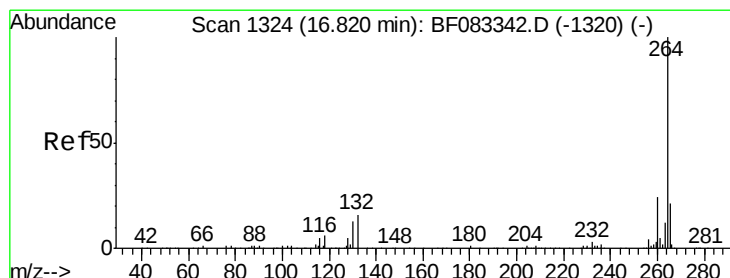
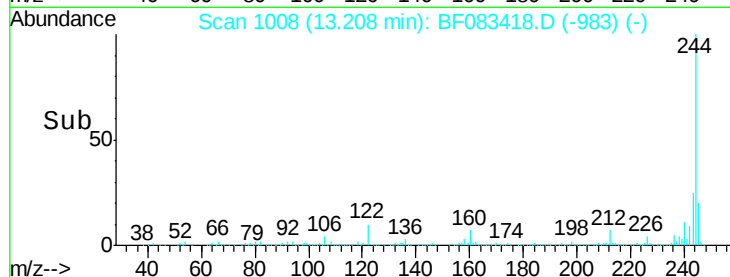
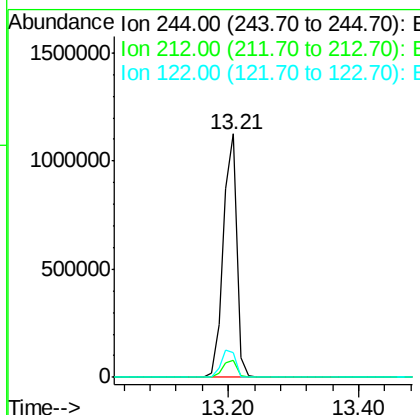
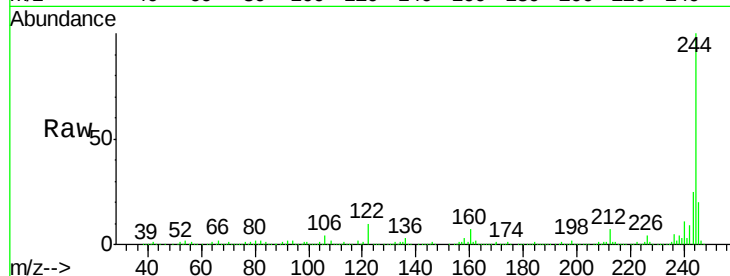
#78
 Terphenyl-d14
 Concen: 79.12 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF083418.D
 Acq: 2 Dec 2015 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(8-14)

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.2	11.0	16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.79 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF083418.D
 Acq: 2 Dec 2015 15:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	22.5	16.8	25.2

