

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
 Data File : BF083681.D
 Acq On : 10 Dec 2015 12:43
 Operator : UM/IZ
 Sample : G4579-13DL2 1000X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

Manual Integrations
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MMdadoda
 12/10/2015 5:50:58 PM

Quant Time: Dec 10 13:12:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	131643	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	506164	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	221467	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	333211	20.00	ng	-0.02
75) Chrysene-d12	16.98	240	299695	20.00	ng	-0.01
86) Perylene-d12	18.63	264	232802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	15.40	244	292	0.02	ng	-0.01
Target Compounds						
51) Acenaphthene	10.42	154	47298	3.45	ng	Qvalue 93
54) Dibenzofuran	10.72	168	44565	2.34	ng	98
57) Fluorene	11.26	166	57931	3.49	ng	97
70) Phenanthrene	12.80	178	470787	24.59	ng	99
71) Anthracene	12.90	178	45650m	2.30	ng	
74) Fluoranthene	14.73	202	270524	13.81	ng	99
77) Pyrene	15.08	202	170870	7.92	ng	# 95

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

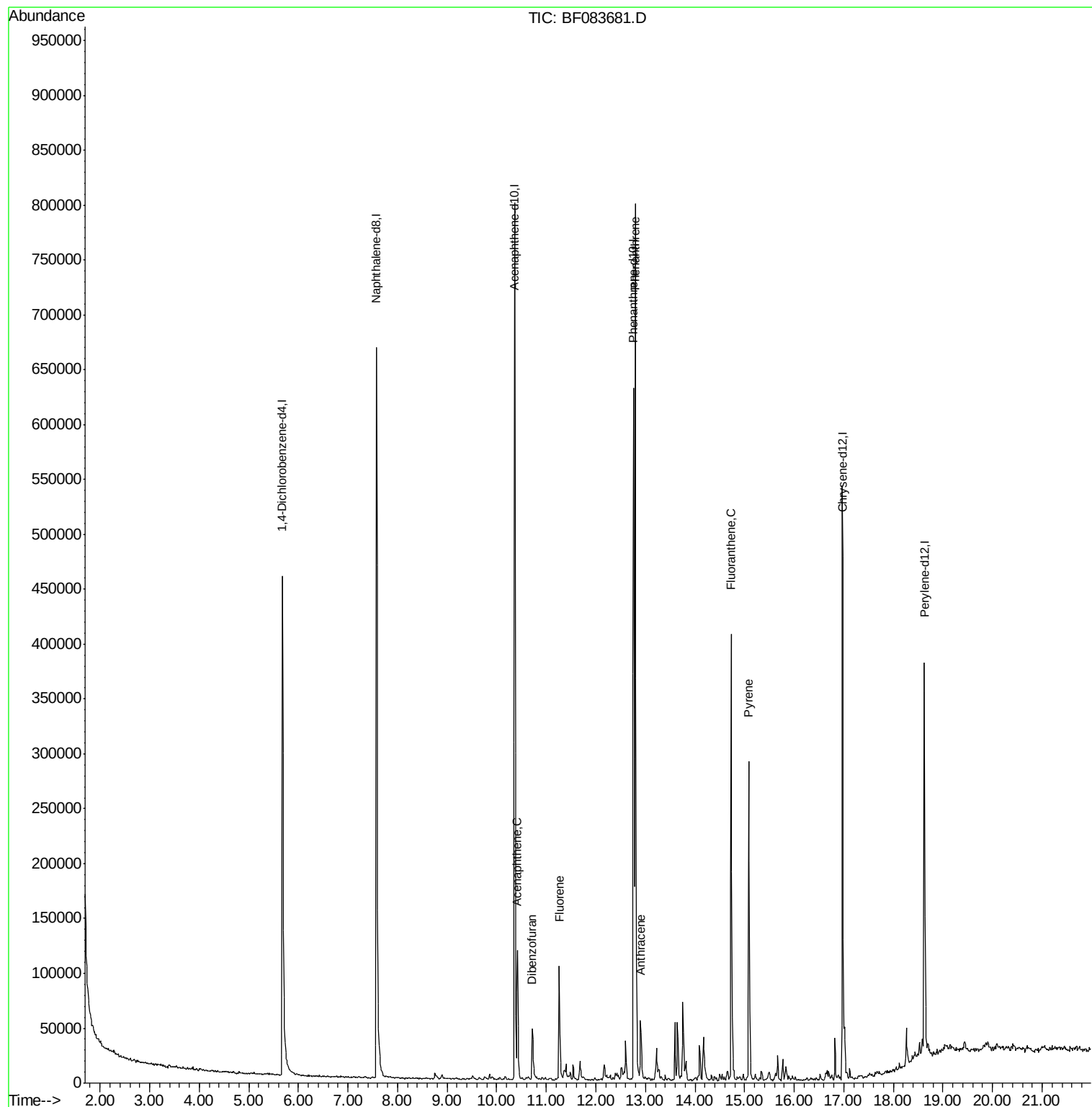
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083681.D
Acq On : 10 Dec 2015 12:43
Operator : UM/IZ
Sample : G4579-13DL2 1000X
Misc :
ALS Vial : 46 Sample Multiplier: 1

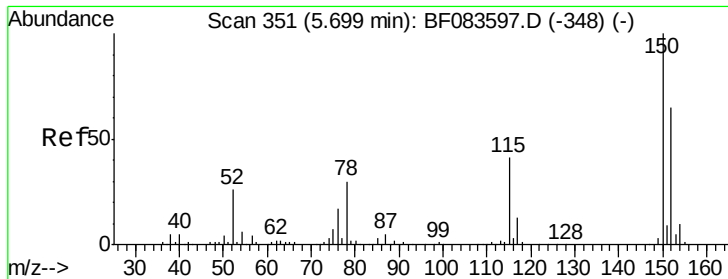
Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

Manual Integrations
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Quant Time: Dec 10 13:12:17 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration





#1

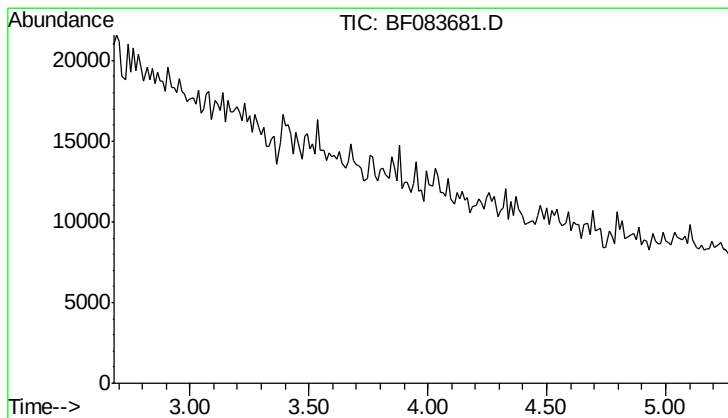
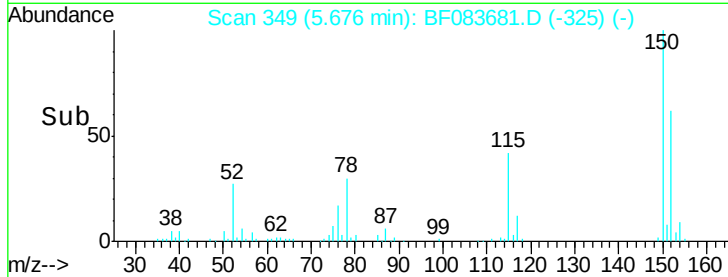
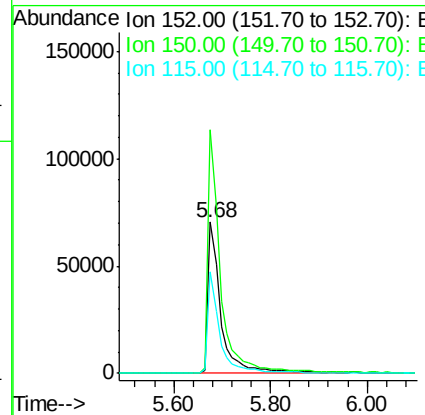
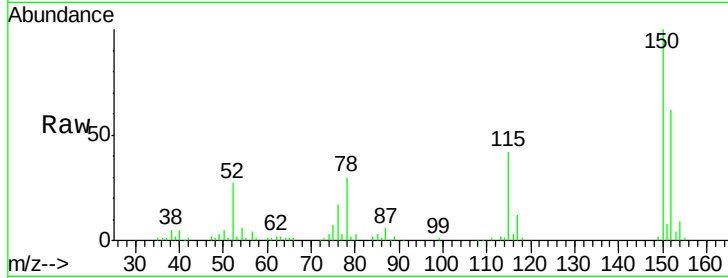
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
150	161.0	126.5	189.7	
115	67.4	52.3	78.5	

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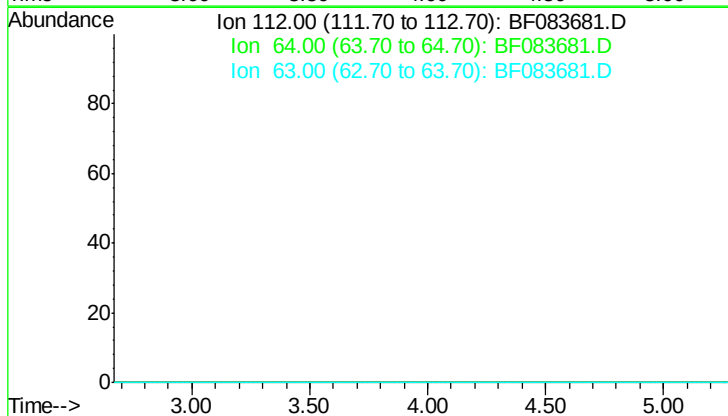


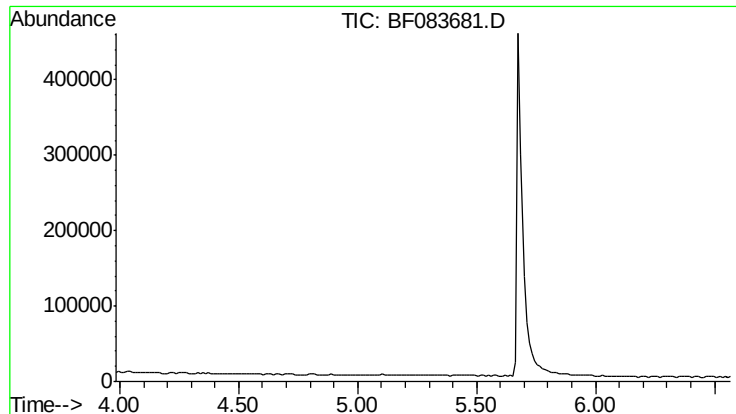
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 3.97 min

Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Tgt Ion	Sig	Exp Ratio
112	100	
64	63.1	
63	32.2	





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 5.28 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

Tot Ion: 99

Sig Exp Ratio

99 100

42 21.6

71 33.3

Instrument :

BNA_F

ClientSampleId :

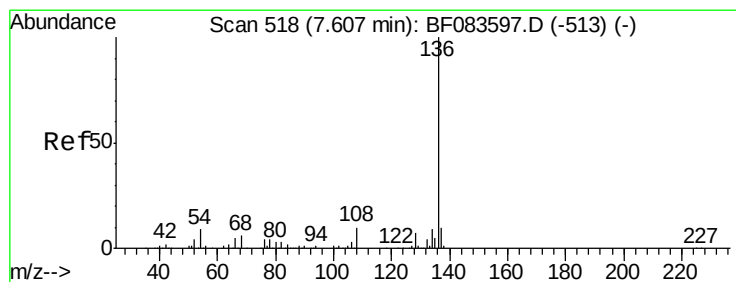
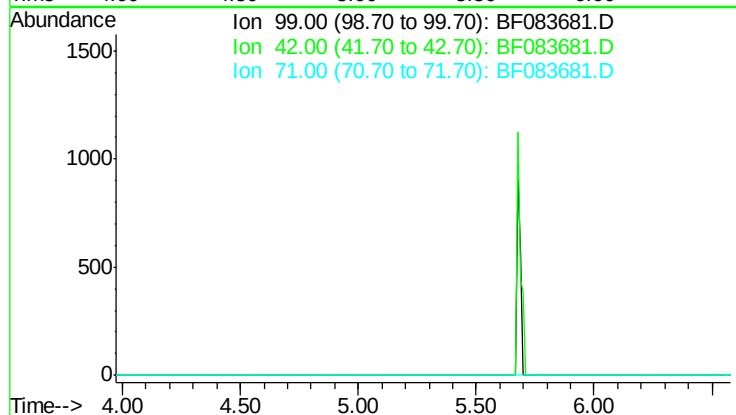
SHED-SOUTH-WALLDL2

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.57 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

Tgt Ion:136 Resp: 506164

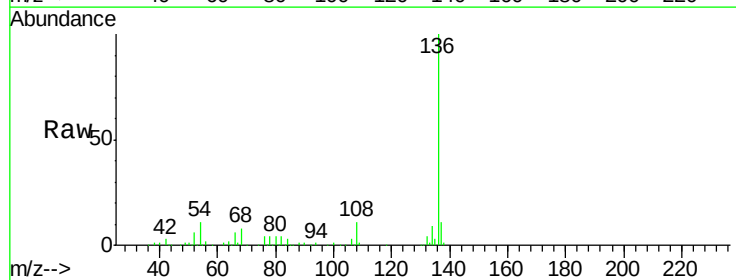
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.1 7.8 11.6

68 8.2 5.7 8.5

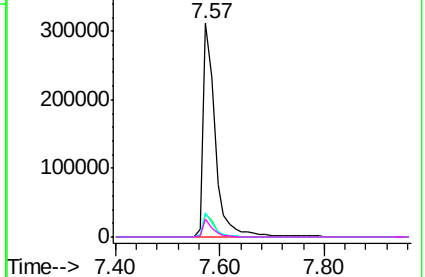
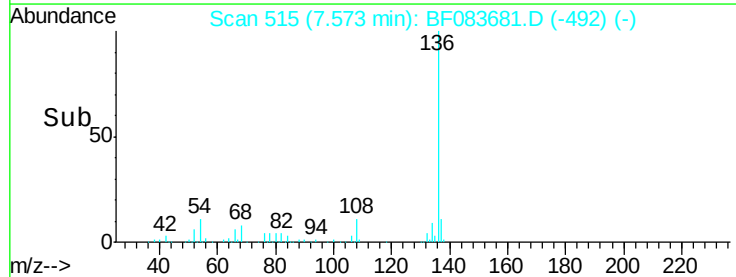


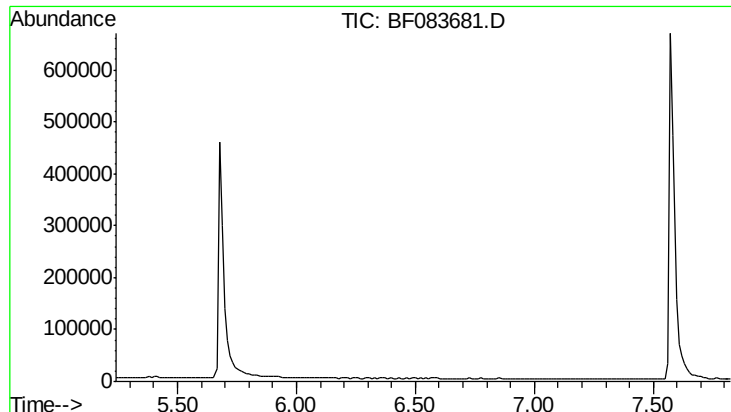
Abundance Ion 136.00 (135.70 to 136.70): E

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





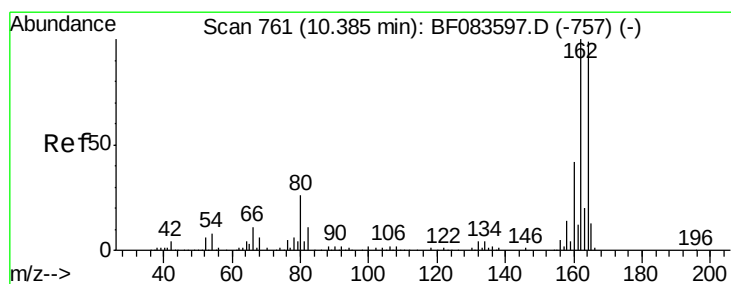
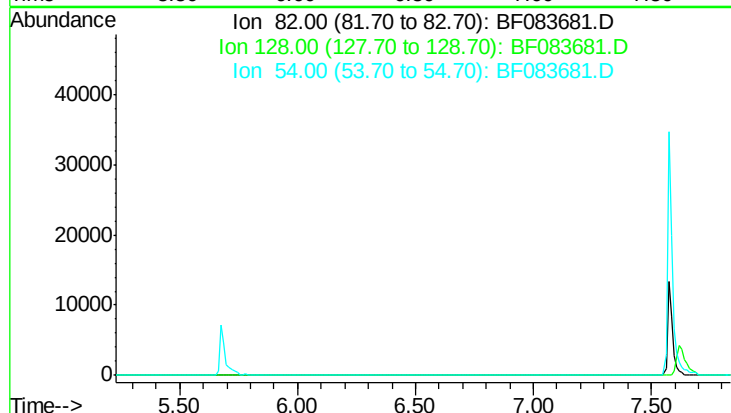
#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 6.53 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

Tot Ion:	82
Sig	Exp Ratio
82	100
128	38.4
54	53.1

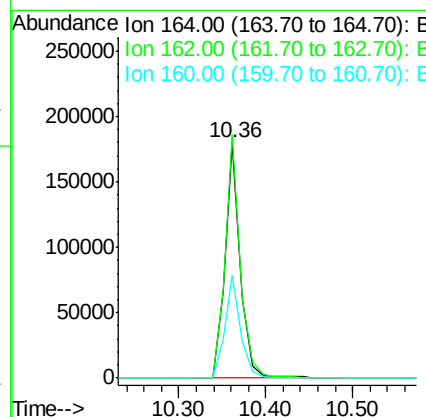
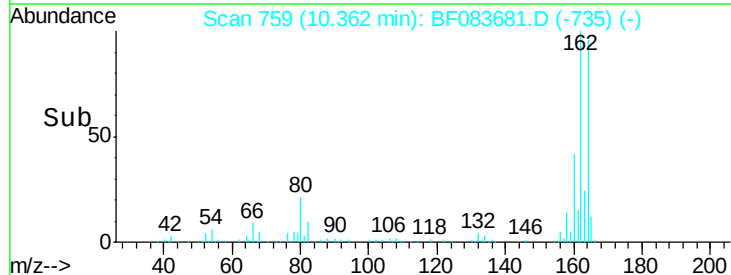
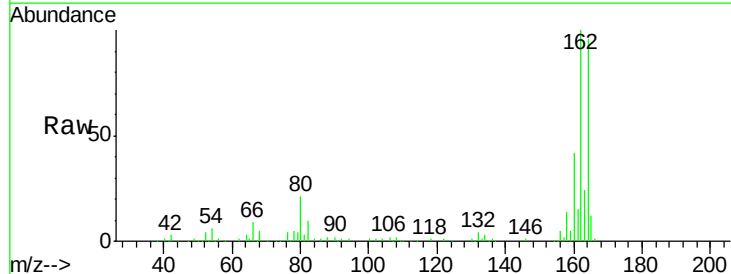
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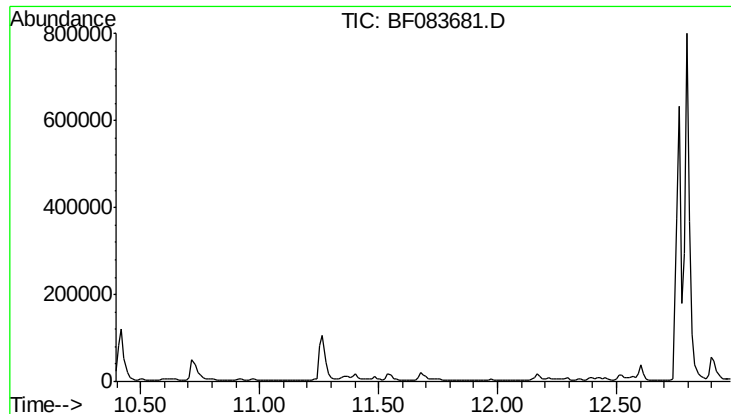
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

Tgt Ion:	164	Resp:	221467
Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	43.9	33.4	50.2





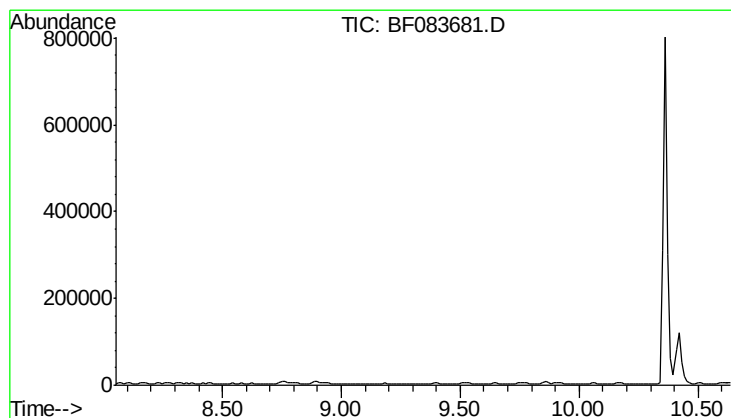
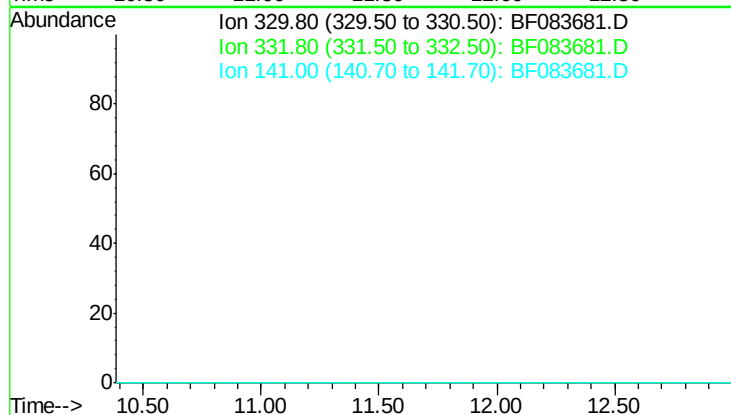
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.69 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

Tot Ion	330	332	141
Sig	100	0.0	0.0
Exp Ratio			

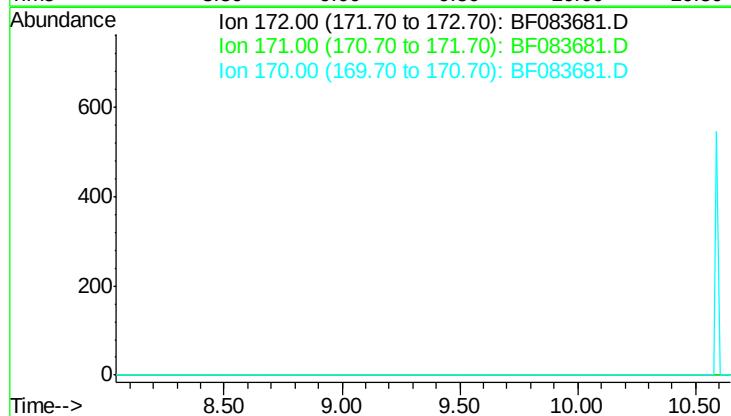
Manual Integrations
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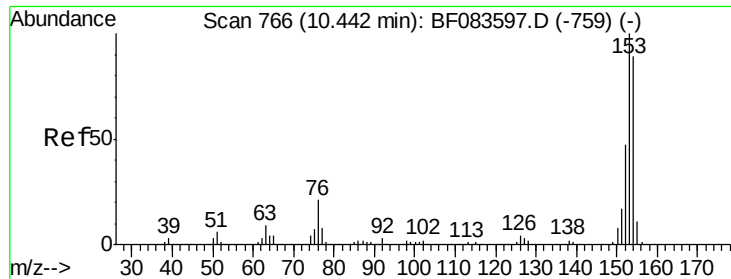
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#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.34 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

Tgt Ion	172	171	170
Sig	100	35.7	24.2
Exp Ratio			





#51

Acenaphthene

Concen: 3.45 ng

RT: 10.42 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF083681.D

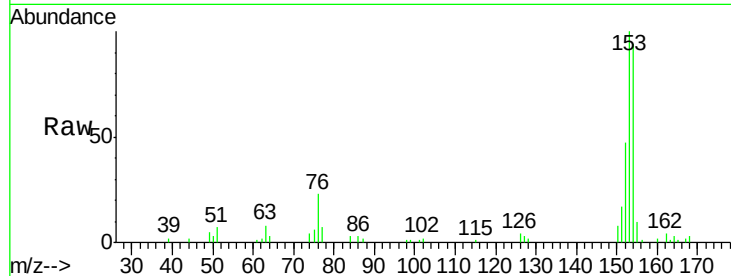
Acq: 10 Dec 2015 12:43

Instrument :

BNA_F

ClientSampleId :

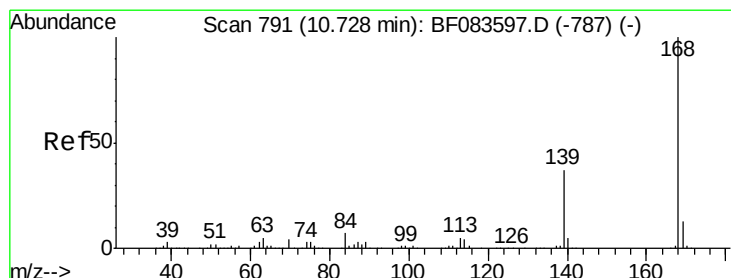
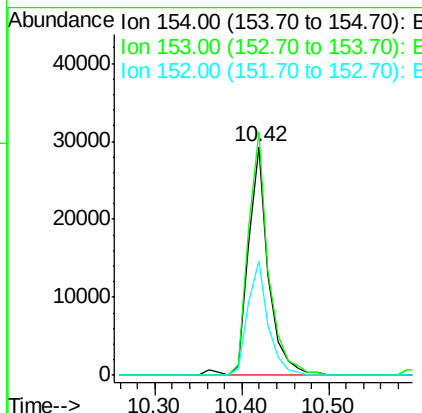
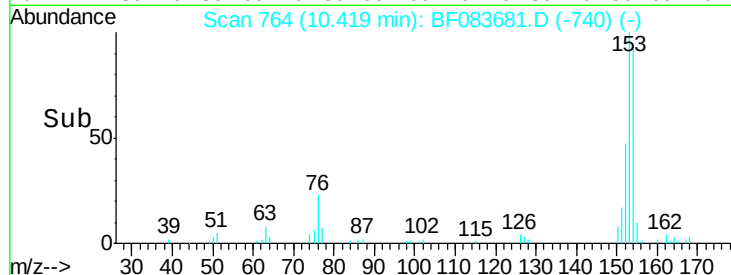
SHED-SOUTH-WALLDL2



Tot Ion:	154	Resp:	47298
Ion	Ratio	Lower	Upper
154	100		
153	106.6	91.4	137.0
152	50.2	43.4	65.2

Manual Integrations
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#54

Dibenzofuran

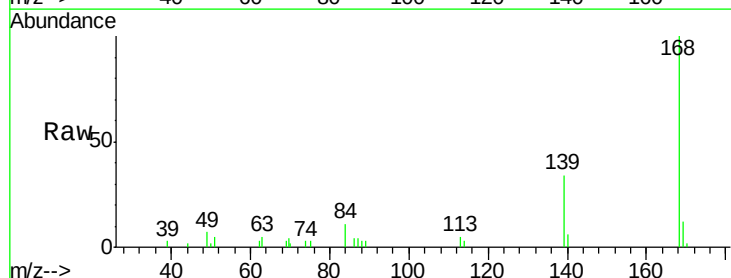
Concen: 2.34 ng

RT: 10.72 min Scan# 790

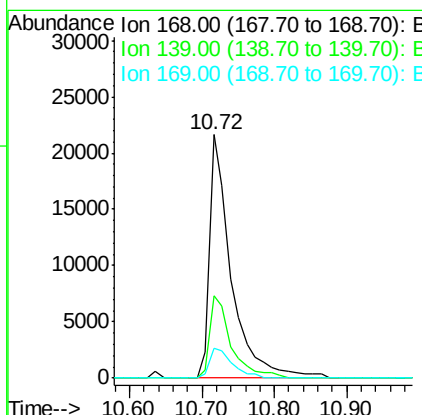
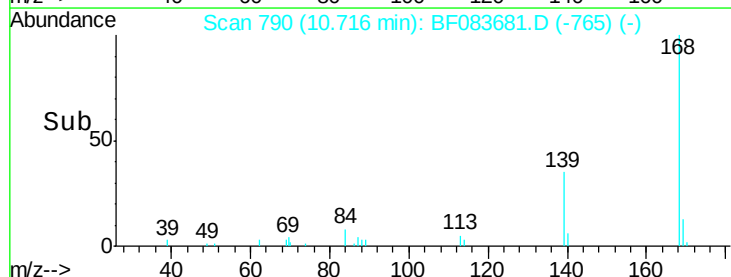
Delta R.T. -0.01 min

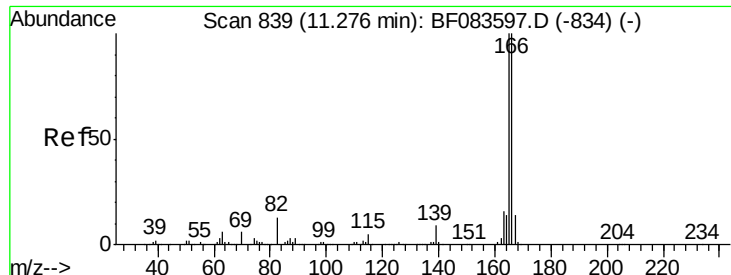
Lab File: BF083681.D

Acq: 10 Dec 2015 12:43



Tgt Ion:	168	Resp:	44565
Ion	Ratio	Lower	Upper
168	100		
139	34.0	28.0	42.0
169	12.5	10.8	16.2





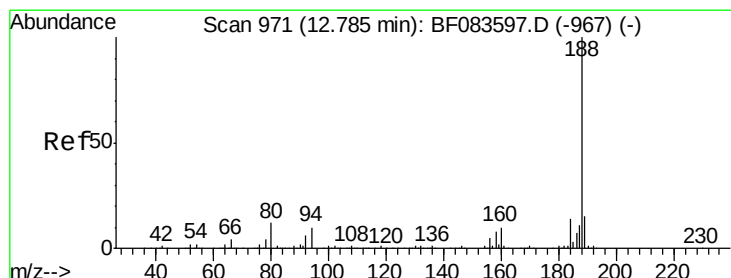
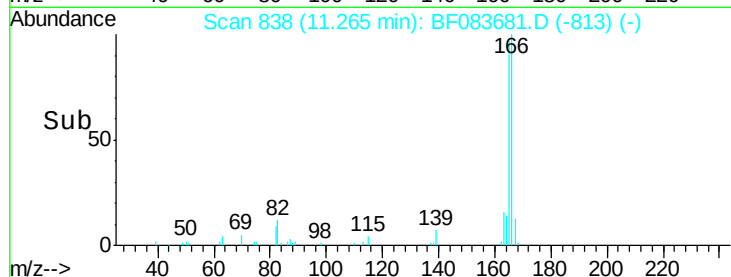
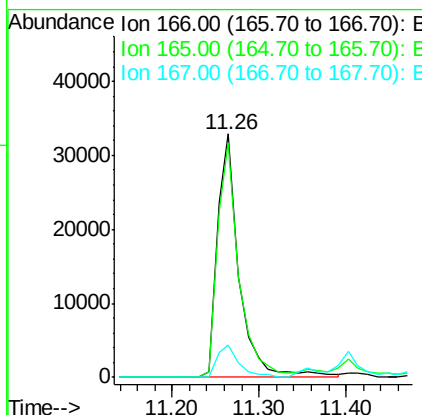
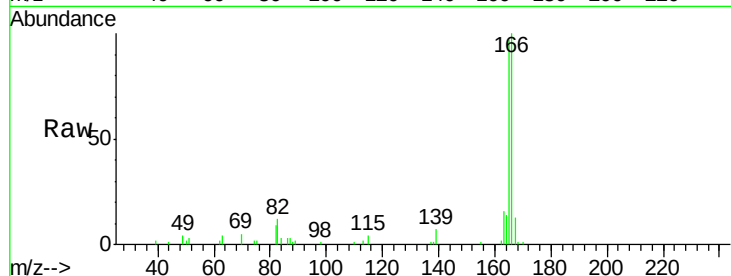
#57
Fluorene
Concen: 3.49 ng
RT: 11.26 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		57931		
165	96.6	80.0	120.0		
167	13.2	10.6	16.0		

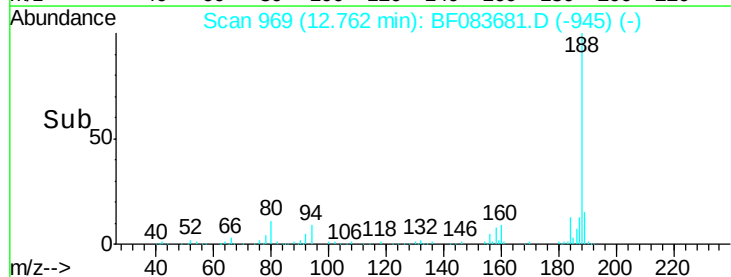
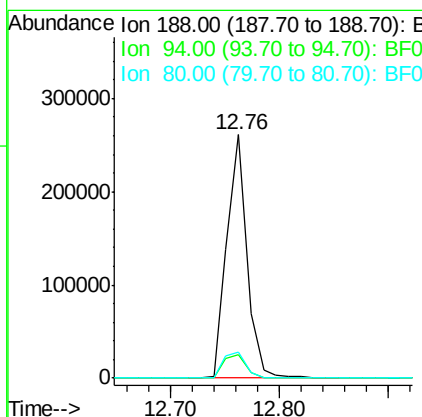
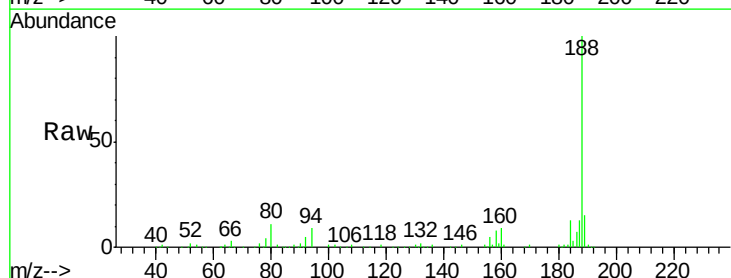
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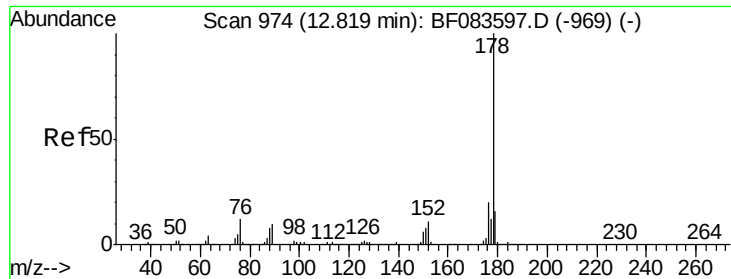
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		333211		
94	9.4	9.4	14.2		
80	10.6	10.6	16.0		





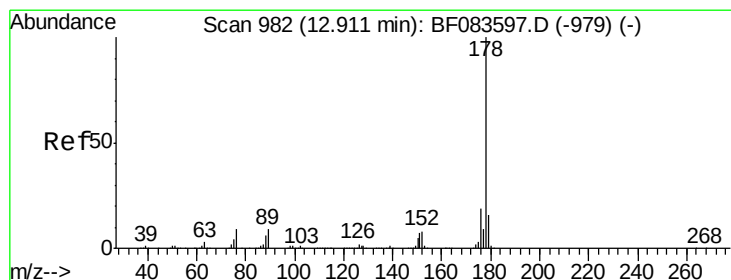
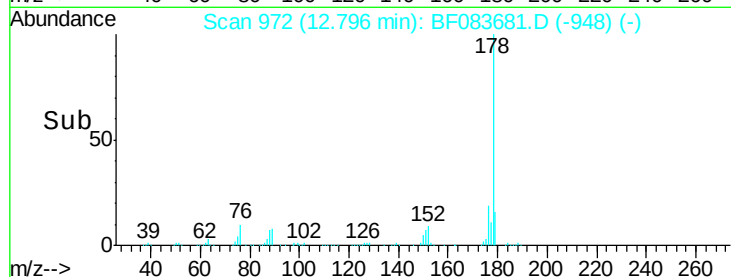
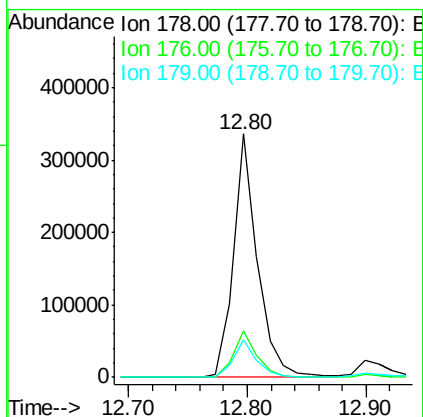
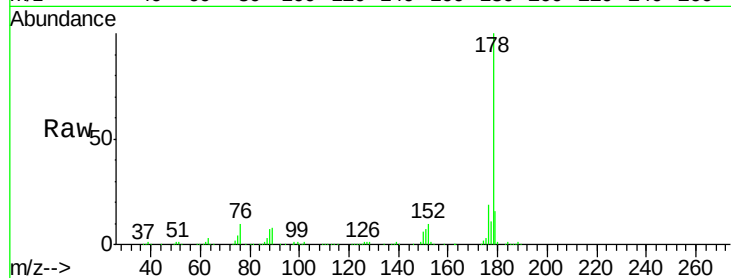
#70
Phenanthrene
Concen: 24.59 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.7	12.2	18.4

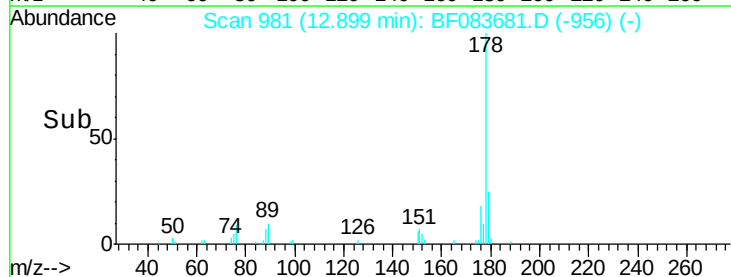
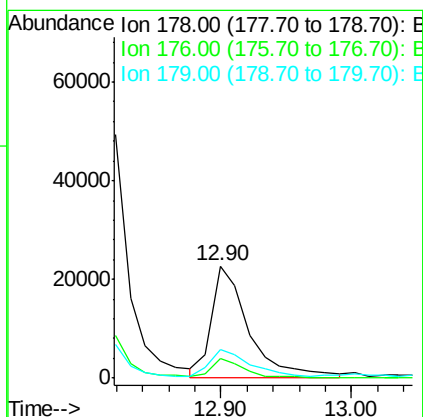
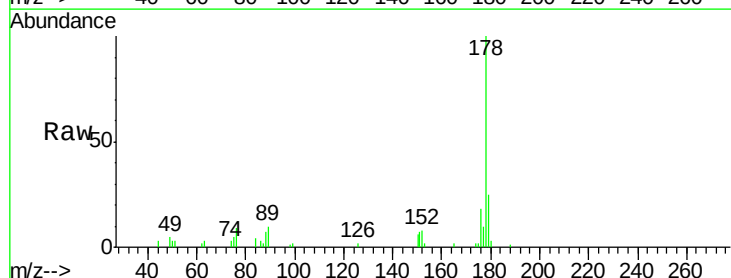
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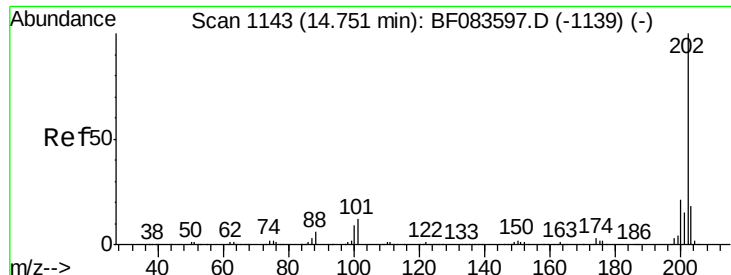
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#71
Anthracene
Concen: 2.30 ng m
RT: 12.90 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.2	22.8
179	25.3	12.6	18.8#





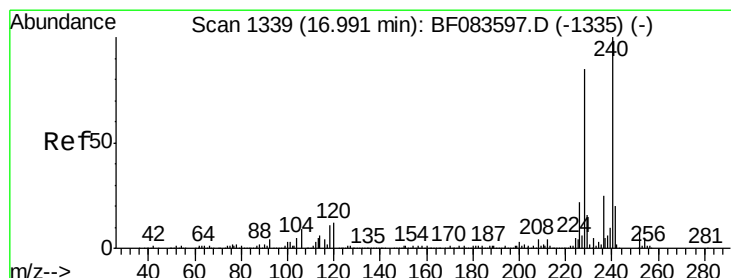
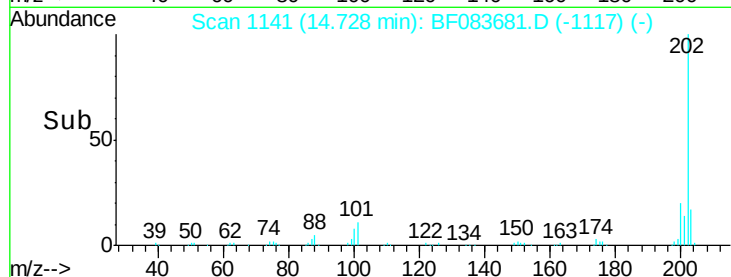
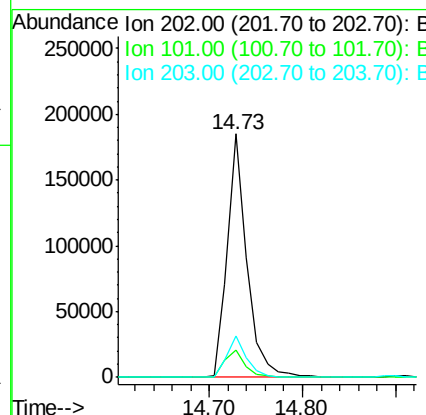
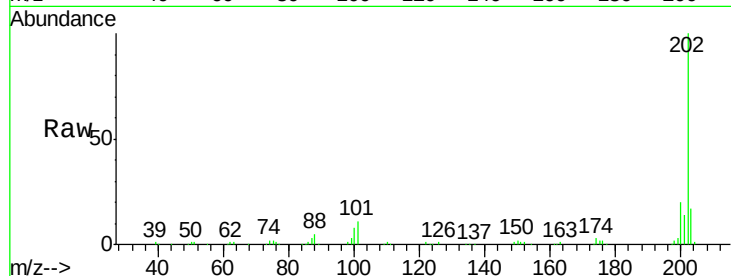
#74
Fluoranthene
Concen: 13.81 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	31.5
203	17.0	0.0	37.6

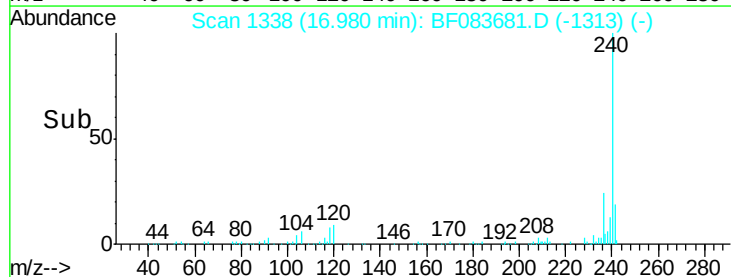
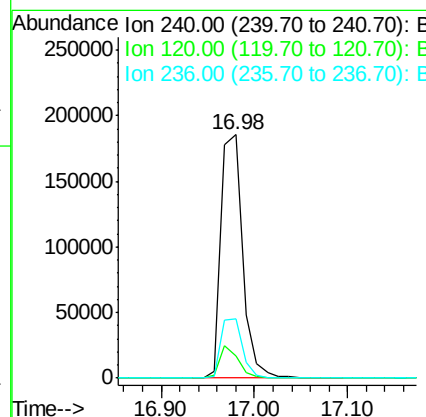
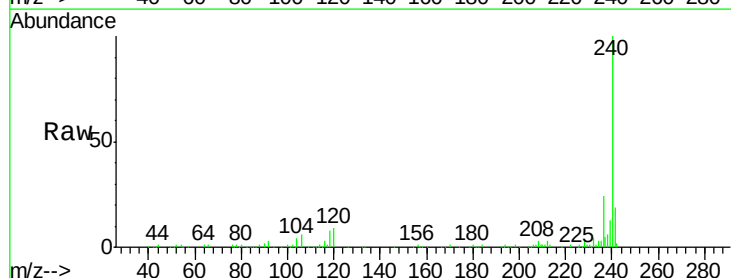
Manual Integrations
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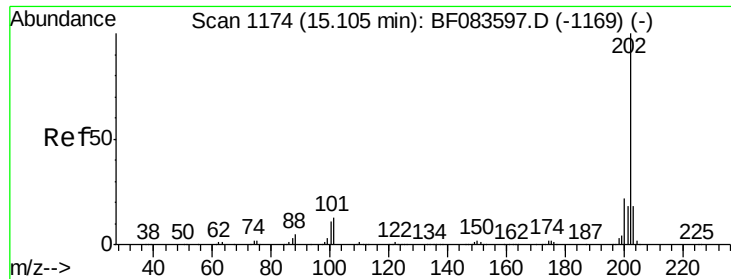
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.98 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.3	8.1	12.1
236	24.3	20.8	31.2





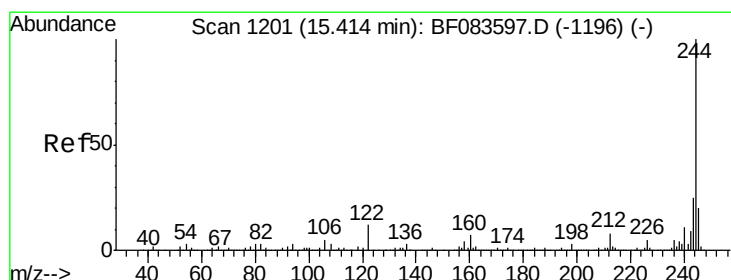
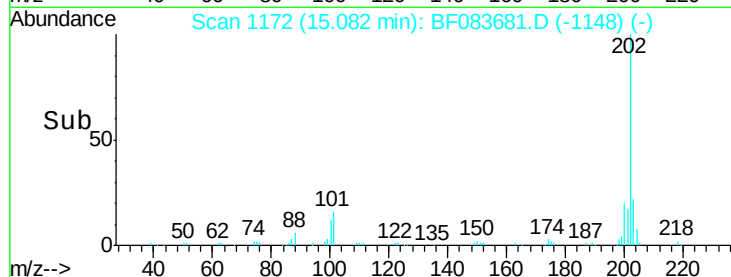
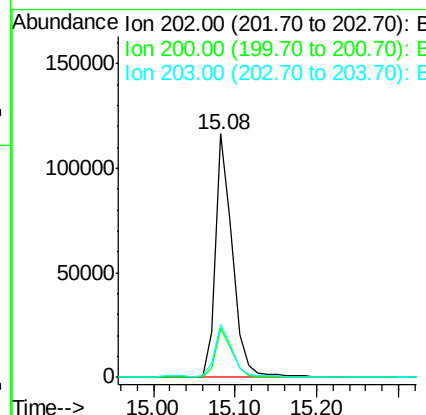
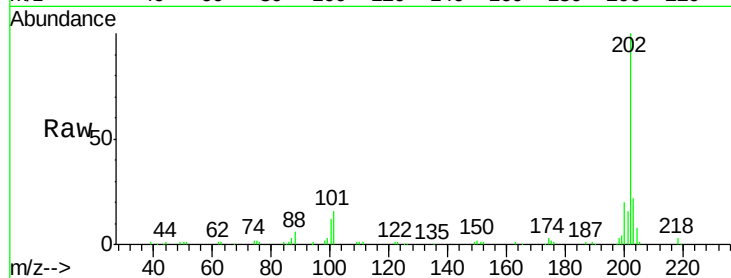
#77
Pvrene
Concen: 7.92 ng
RT: 15.08 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.7	25.1
203	21.9	14.3	21.5#

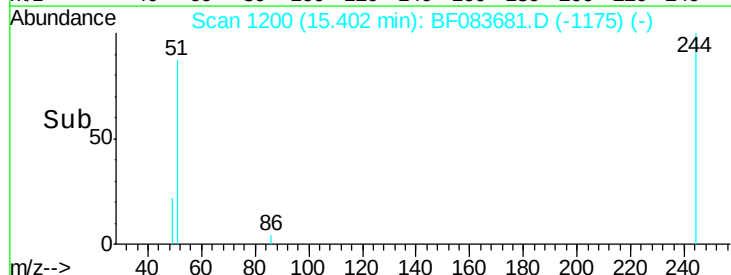
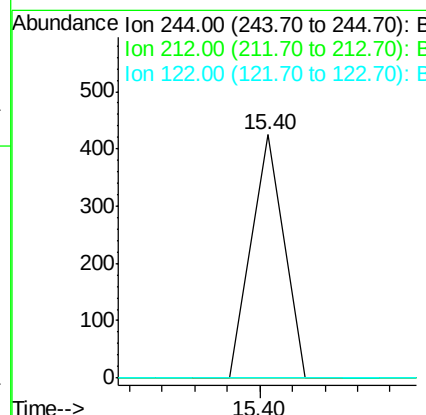
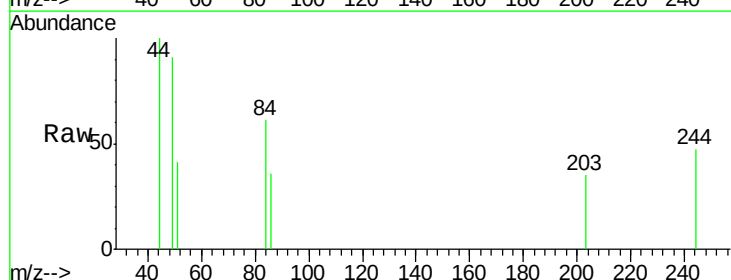
Manual Integrations
APPROVED

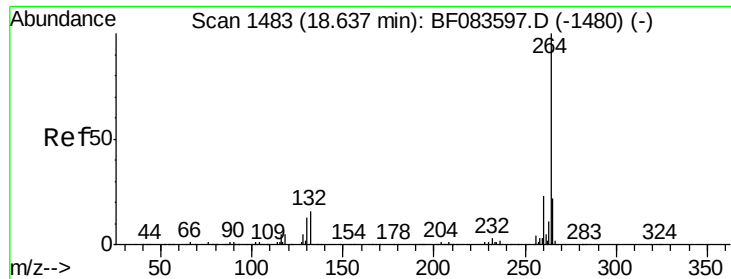
MMdadoda
12/10/2015 5:50:58 PM



#78
Terphenyl-d14
Concen: 0.02 ng
RT: 15.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.1	9.1#
122	0.0	11.0	16.6#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

Tot Ion:	264	Resp:	232802
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.4	29.0
265	20.4	17.8	26.6

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:50:58 PM

