

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
 Data File : BF083641.D
 Acq On : 9 Dec 2015 16:03
 Operator : UM/IZ
 Sample : G4579-11DL 500X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALLDL

Manual Integrations
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Quant Time: Dec 10 02:12:39 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	124573	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	515615	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	262666	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	456058	20.00	ng	-0.02
75) Chrysene-d12	16.98	240	310312	20.00	ng	-0.01
86) Perylene-d12	18.63	264	257409	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	6.73	82	747	0.07	ng	0.19
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.34	172	3739	0.20	ng	0.00
78) Terphenyl-d14	15.40	244	4422	0.34	ng	-0.01
Target Compounds						
70) Phenanthrene	12.80	178	541667	20.67	ng	Qvalue 98
71) Anthracene	12.90	178	75422	2.78	ng	95
72) Carbazole	13.21	167	48662	2.09	ng	# 96
74) Fluoranthene	14.73	202	505519	18.86	ng	100
77) Pyrene	15.08	202	308312	13.80	ng	97
82) Chrysene	17.03	228	70236	3.86	ng	98
87) Benzo(b)fluoranthene	18.26	252	40183m	2.74	ng	

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

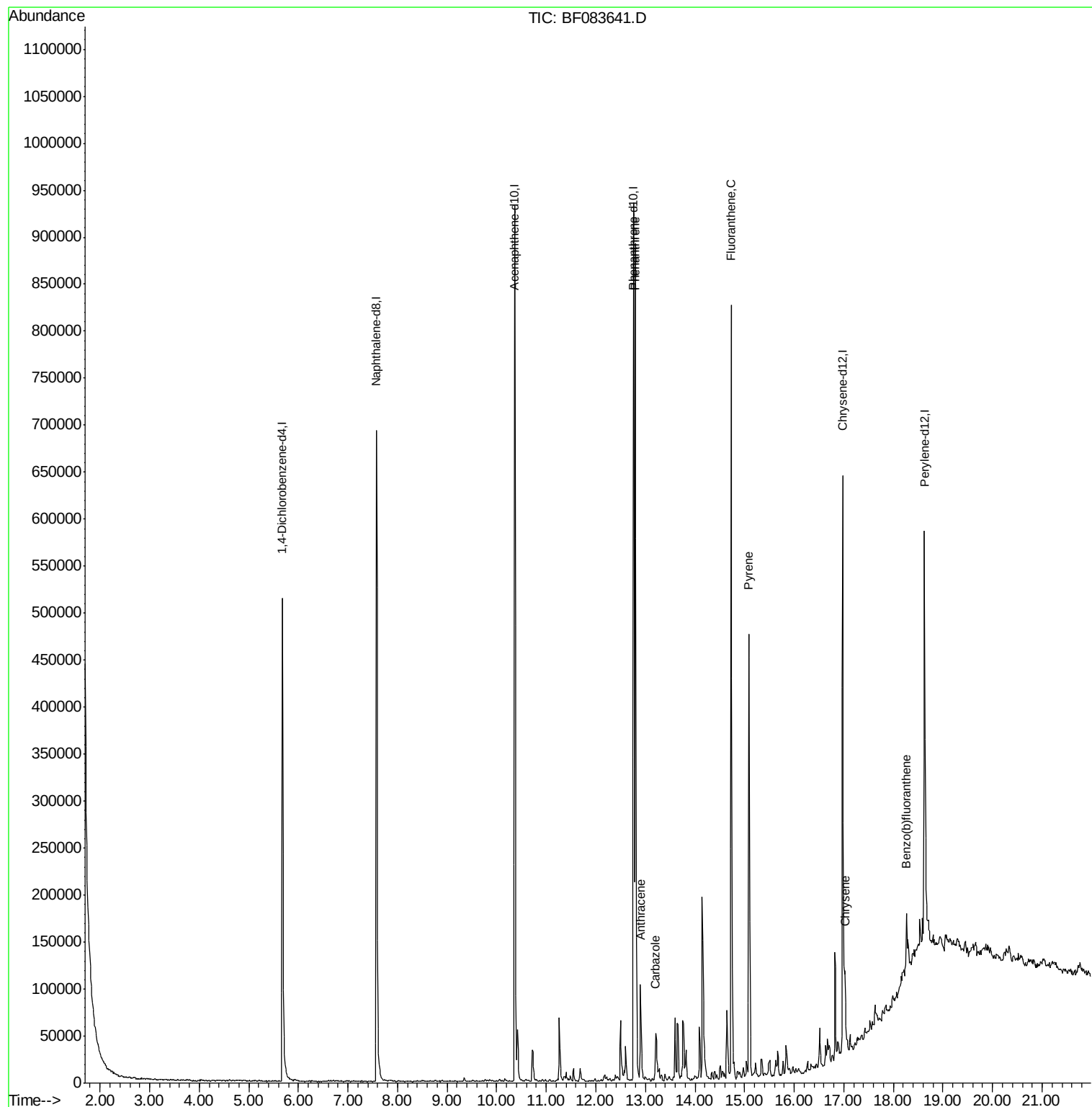
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083641.D
Acq On : 9 Dec 2015 16:03
Operator : UM/IZ
Sample : G4579-11DL 500X
Misc :
ALS Vial : 7 Sample Multiplier: 1

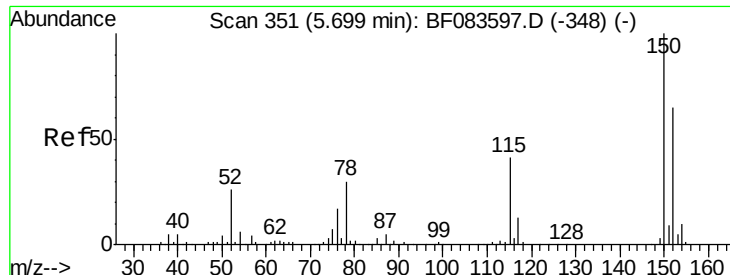
Instrument :
BNA_F
ClientSampleId :
SHED-NORTH-WALLDL

Manual Integrations
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Quant Time: Dec 10 02:12:39 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

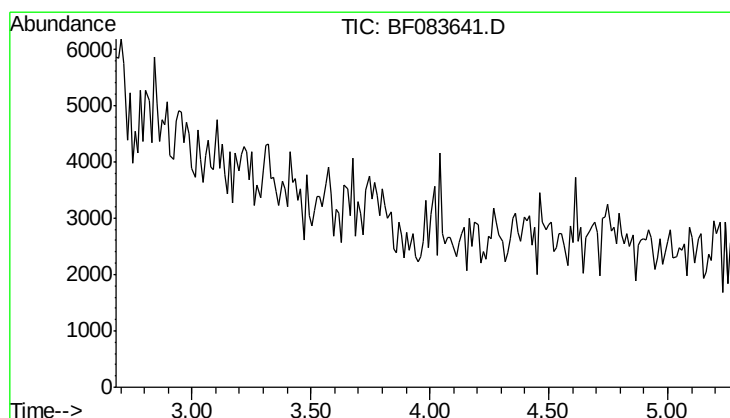
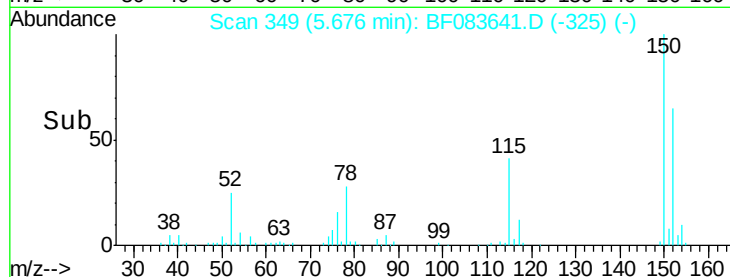
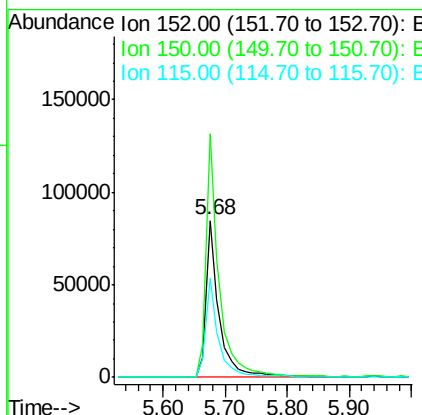
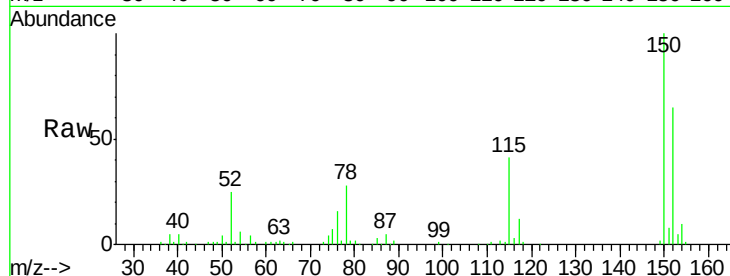
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083641.D
Acq: 9 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
SHED-NORTH-WALLDL

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
150	155.0	126.5	189.7	
115	62.9	52.3	78.5	

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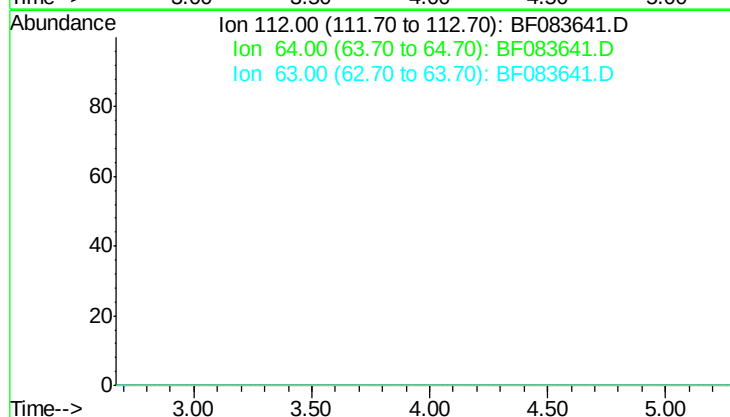


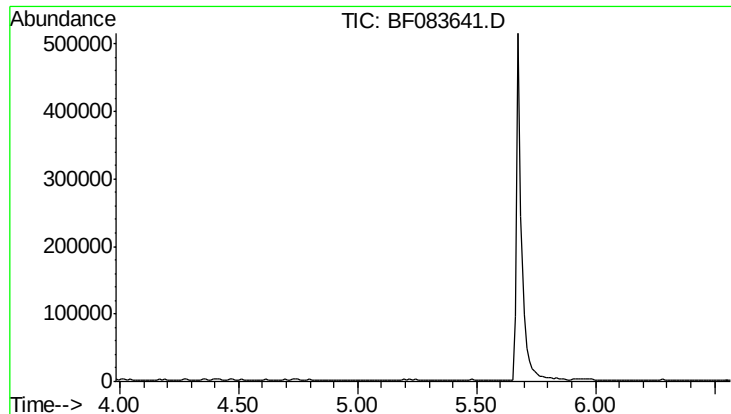
#5

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

Lab File: BF083641.D
Acq: 9 Dec 2015 16:03

Tgt Ion	Sig	Exp Ratio
112	100	
64	63.1	
63	32.2	





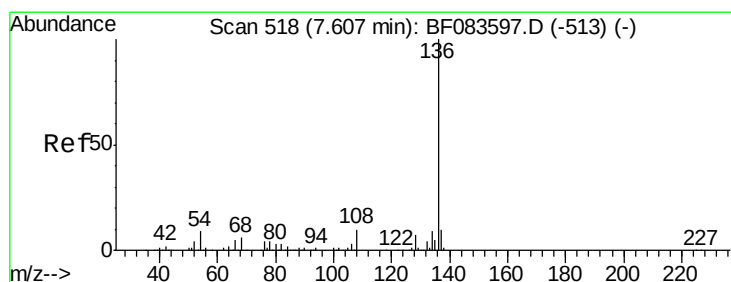
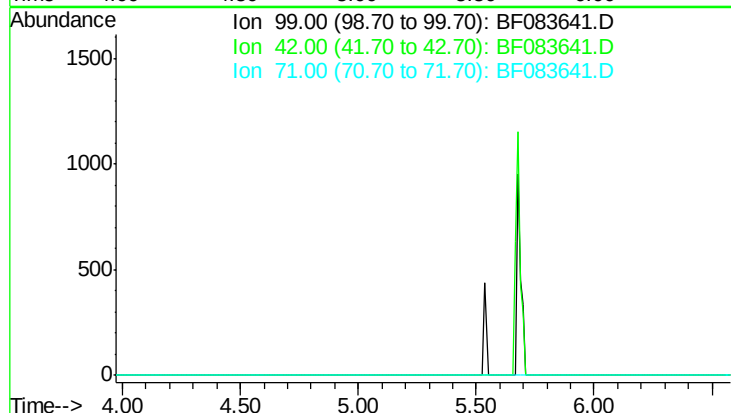
#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 5.28 min
 Lab File: BF083641.D
 Acq: 9 Dec 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALLDL

Tot Ion	99
Sig	Exp Ratio
99	100
42	21.6
71	33.3

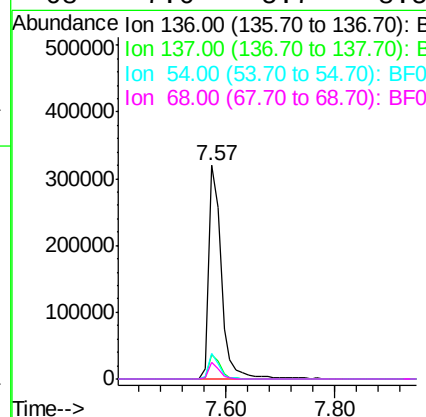
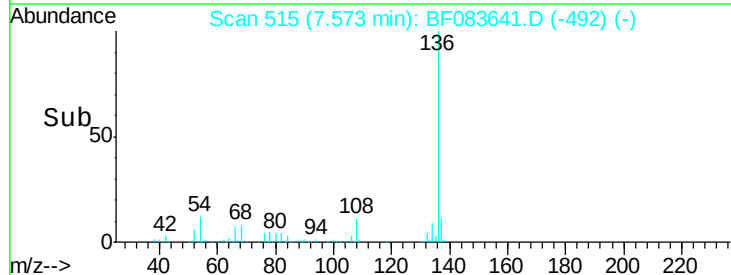
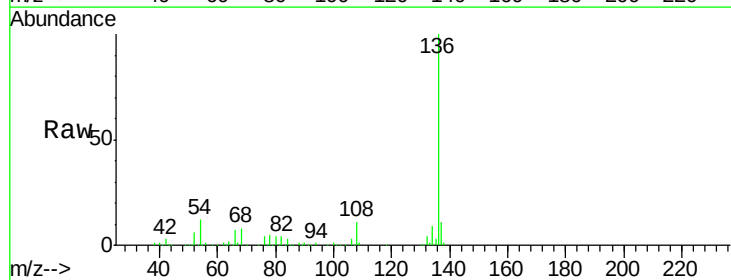
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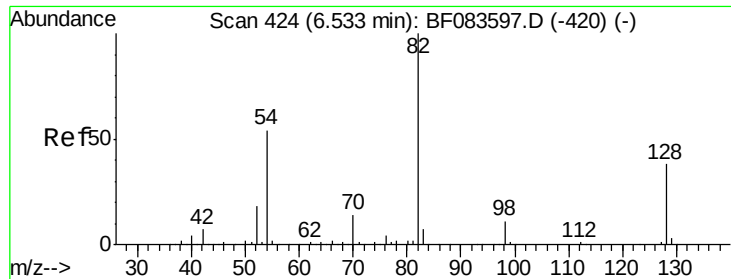
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#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.57 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF083641.D
 Acq: 9 Dec 2015 16:03

Tgt Ion	136	Resp	515615
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	11.8	7.8	11.6
68	7.6	5.7	8.5





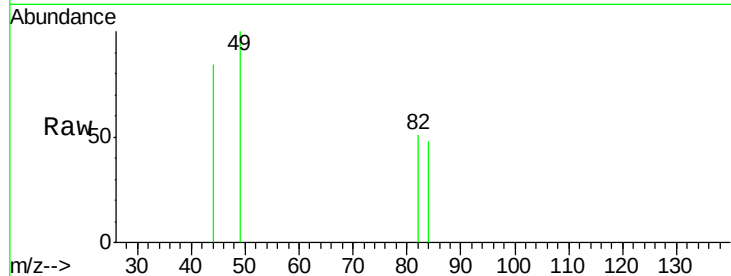
#23
Nitrobenzene-d5
Concen: 0.07 ng
RT: 6.73 min Scan# 441
Delta R.T. 0.19 min
Lab File: BF083641.D
Acq: 9 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
SHED-NORTH-WALLDL

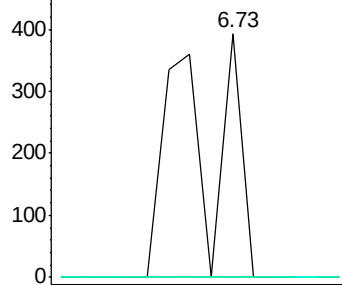
Tot Ion	Ratio	Lower	Upper
82	100		
128	0.0	30.7	46.1#
54	0.0	42.5	63.7#

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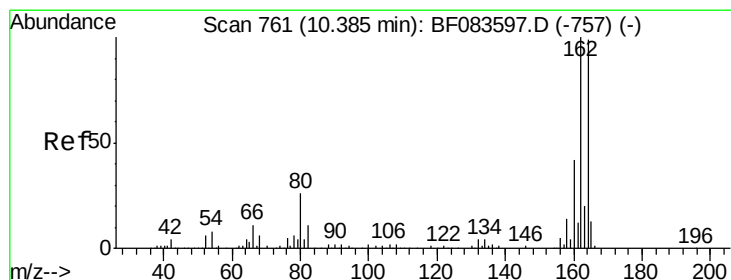
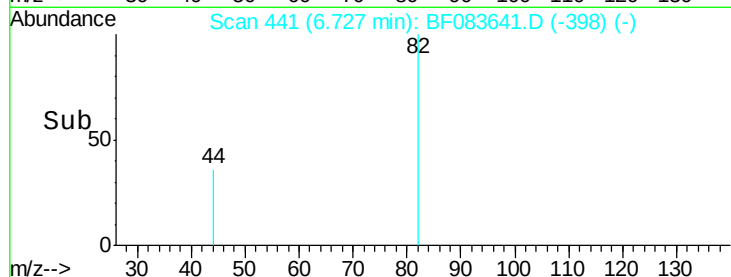
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

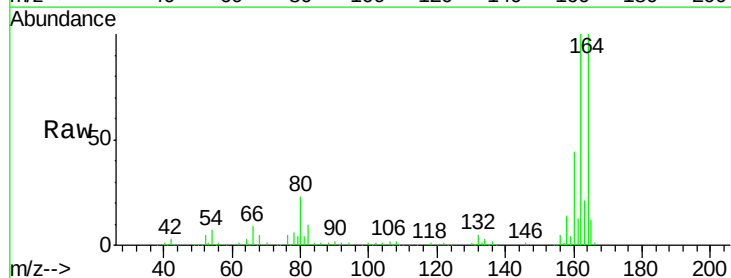


Time-->

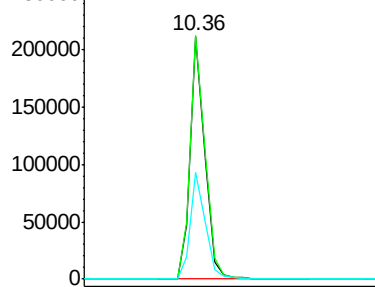


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083641.D
Acq: 9 Dec 2015 16:03

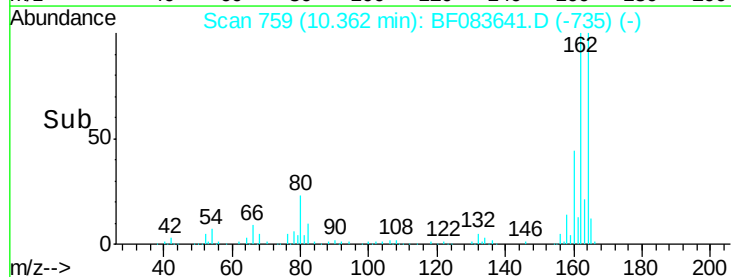
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.8	118.2
160	43.9	33.4	50.2

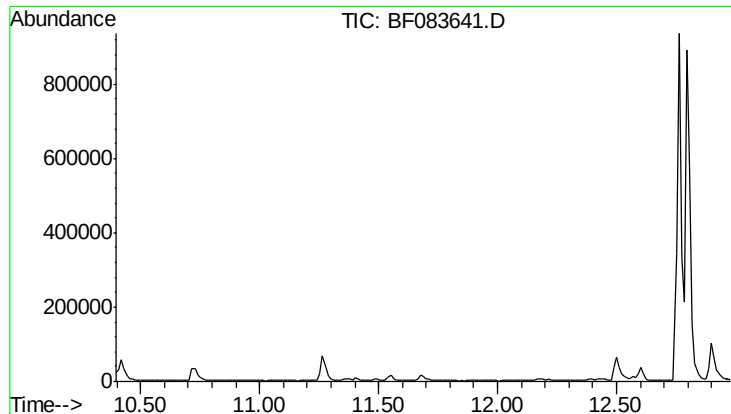


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





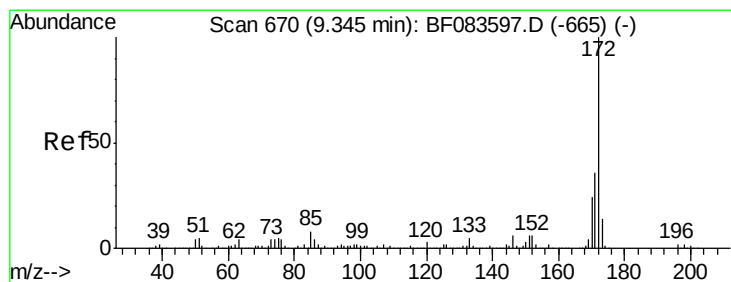
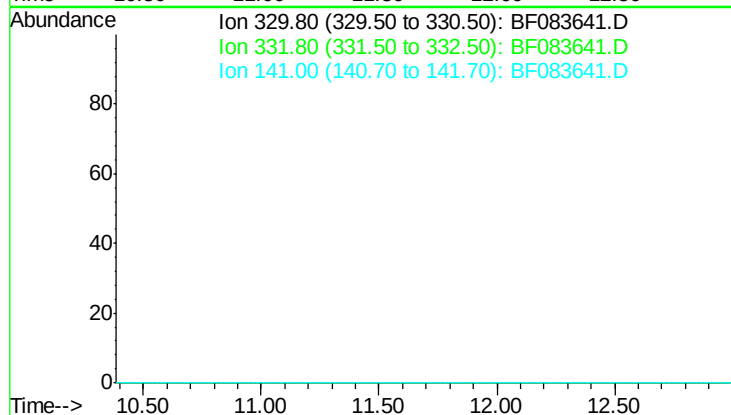
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.69 min
 Lab File: BF083641.D
 Acq: 9 Dec 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALLDL

Tot Ion	330	332	141
Exp Ratio	100	0.0	0.0

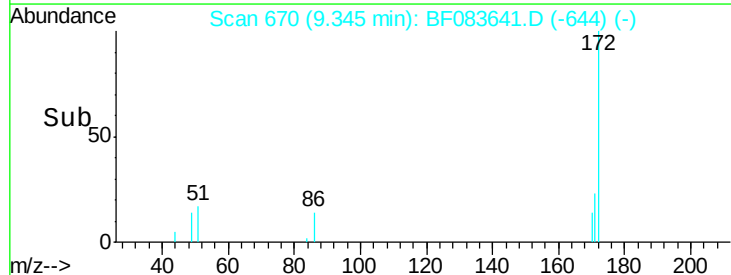
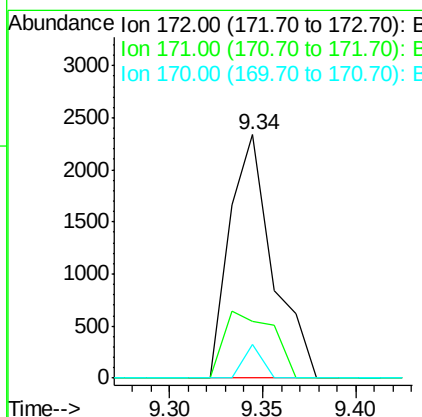
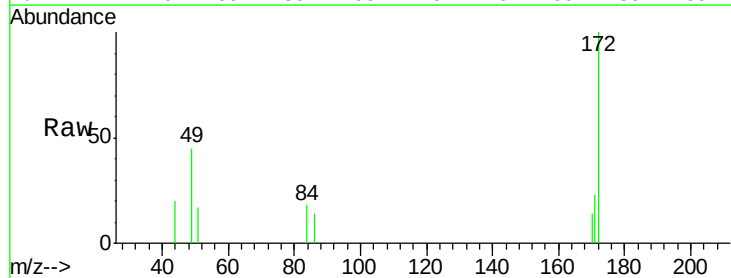
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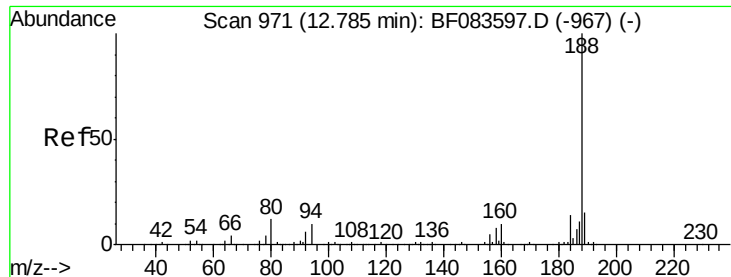
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#44
 2-Fluorobiphenyl
 Concen: 0.20 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083641.D
 Acq: 9 Dec 2015 16:03

Tgt Ion	172	Resp	3739
Ion Ratio	100	Lower	Upper
171	23.3	28.6	42.8#
170	13.9	19.4	29.0#





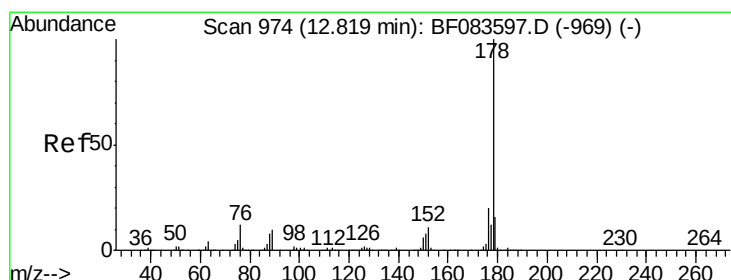
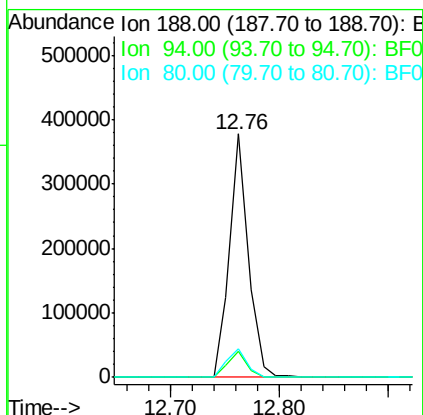
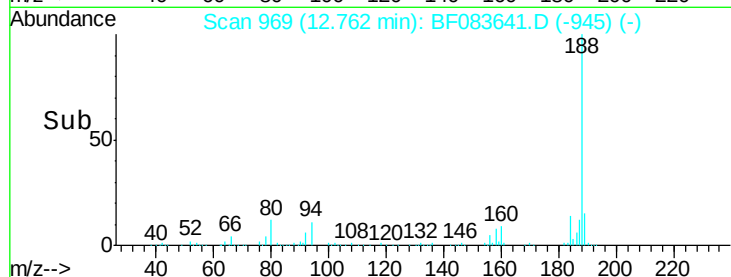
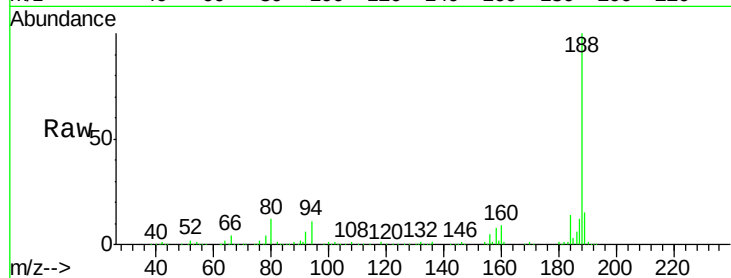
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083641.D
Acq: 9 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
SHED-NORTH-WALLDL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	456058		
94	10.5		9.4	14.2
80	11.8		10.6	16.0

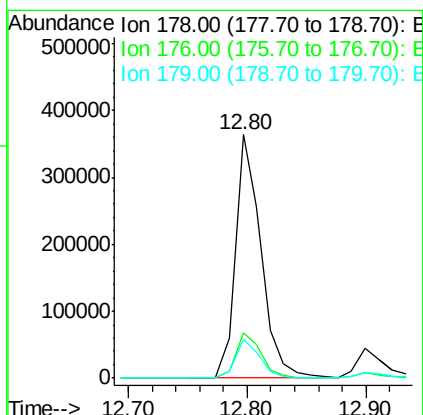
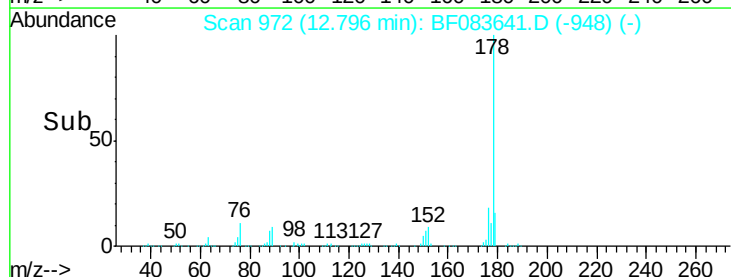
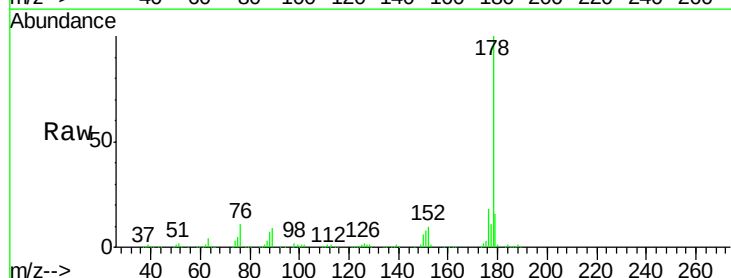
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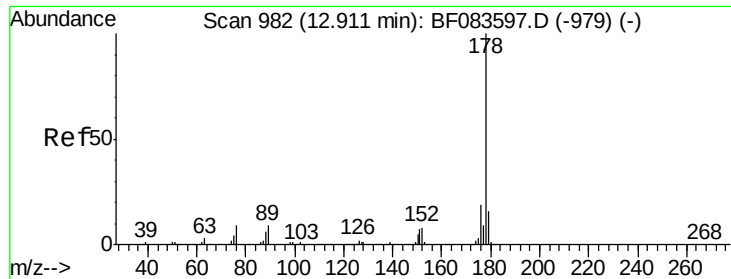
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#70
Phenanthrene
Concen: 20.67 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF083641.D
Acq: 9 Dec 2015 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	541667		
176	18.4		15.7	23.5
179	15.8		12.2	18.4





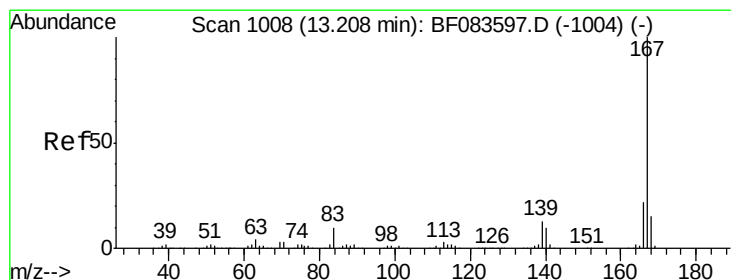
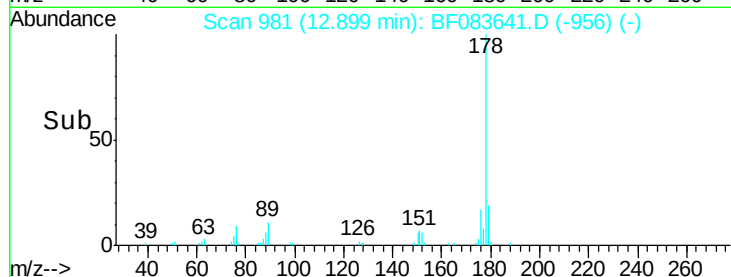
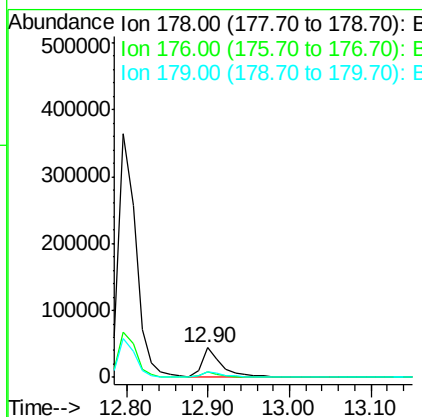
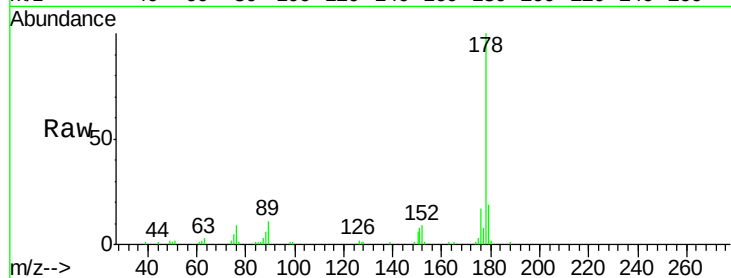
#71
 Anthracene
 Concen: 2.78 ng
 RT: 12.90 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF083641.D
 Acq: 9 Dec 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALLDL

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.2	22.8
179	18.7	12.6	18.8

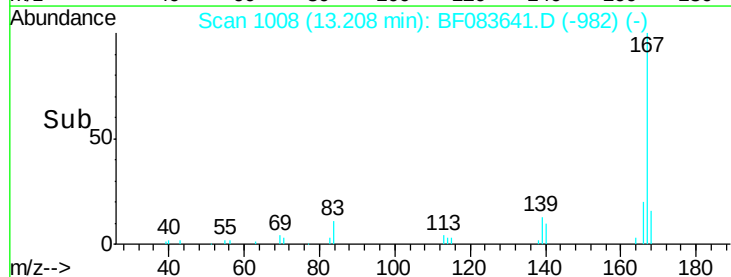
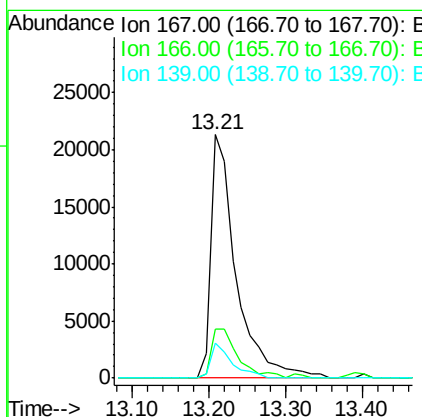
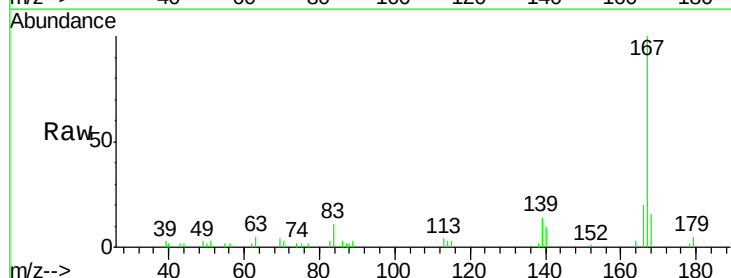
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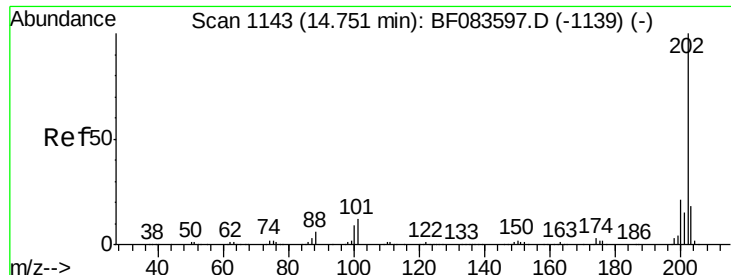
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#72
 Carbazole
 Concen: 2.09 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF083641.D
 Acq: 9 Dec 2015 16:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.2	25.8
139	14.4	9.3	13.9





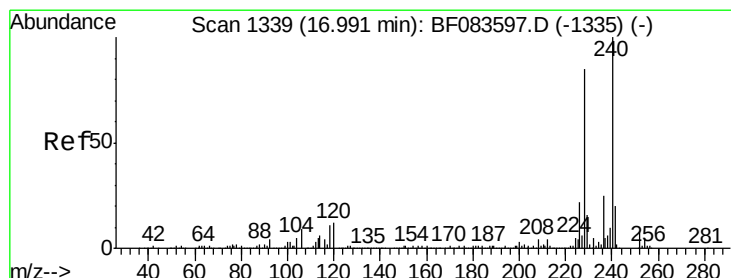
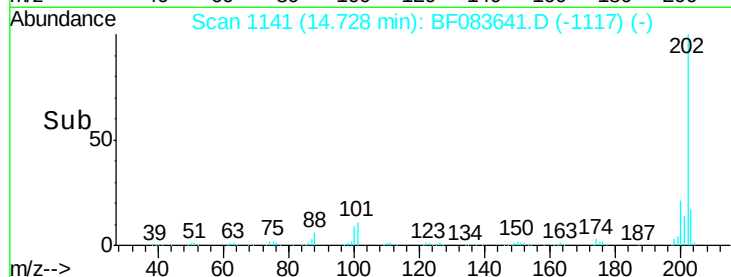
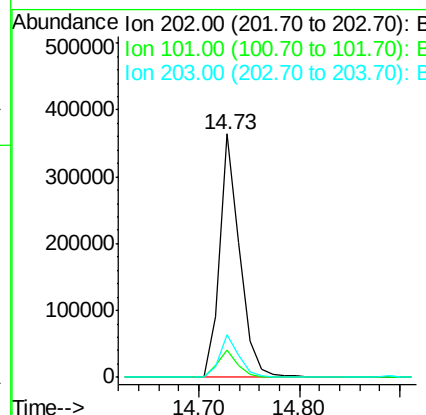
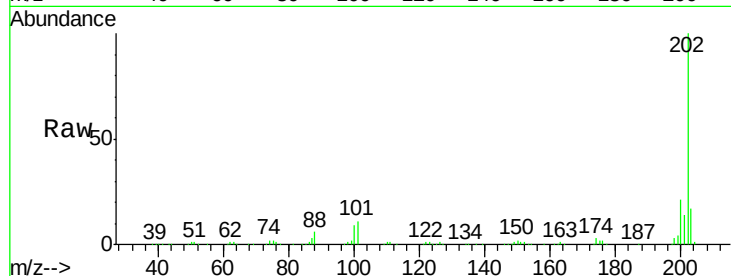
#74
 Fluoranthene
 Concen: 18.86 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF083641.D
 Acq: 9 Dec 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALLDL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	31.5
203	17.4	0.0	37.6

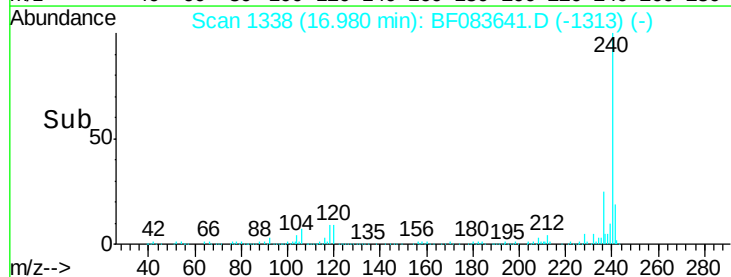
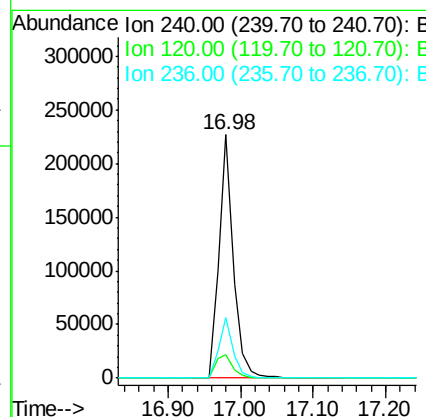
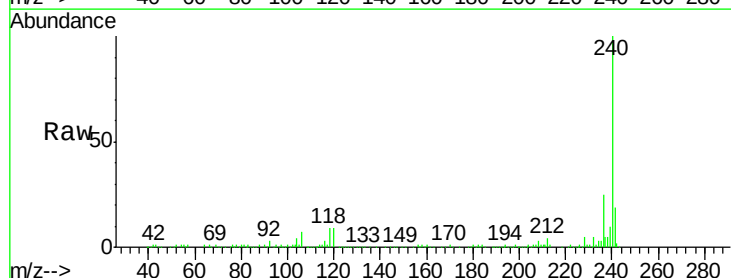
Manual Integrations
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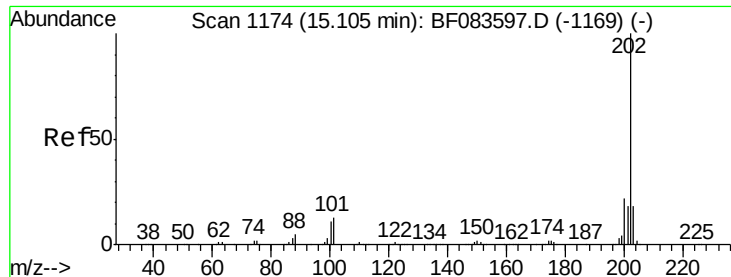
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.98 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF083641.D
 Acq: 9 Dec 2015 16:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	8.1	12.1
236	24.8	20.8	31.2





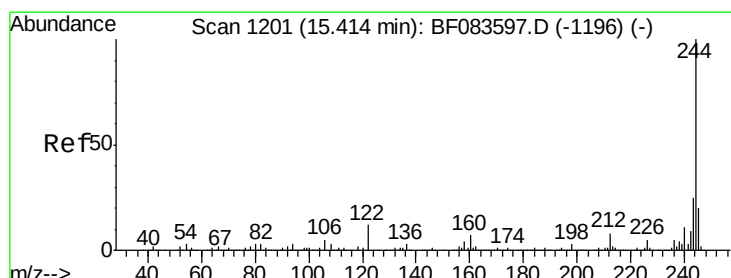
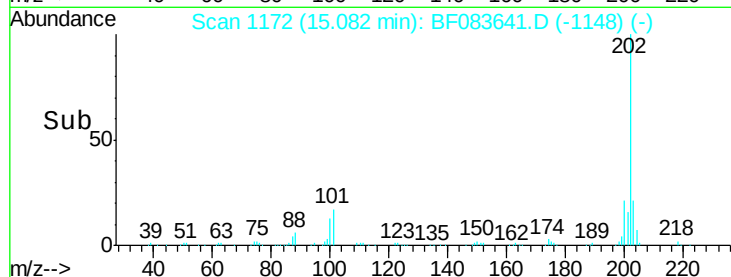
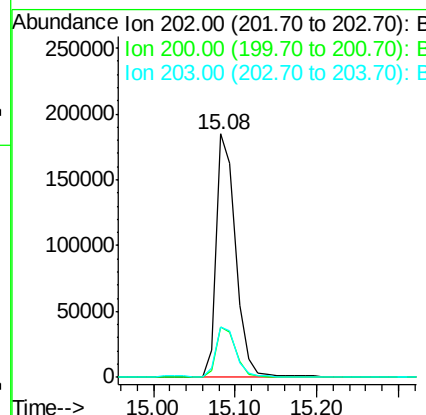
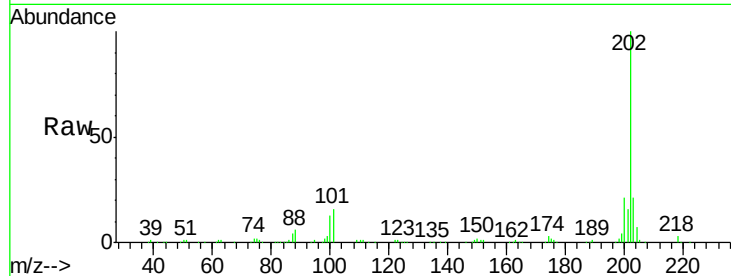
#77
Pvrene
Concen: 13.80 ng
RT: 15.08 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083641.D
Acq: 9 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
SHED-NORTH-WALLDL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	16.7	25.1
203	20.8	14.3	21.5

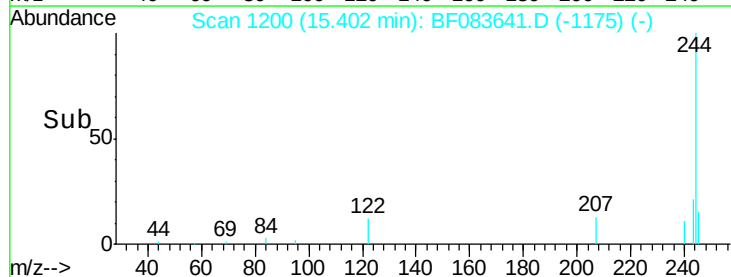
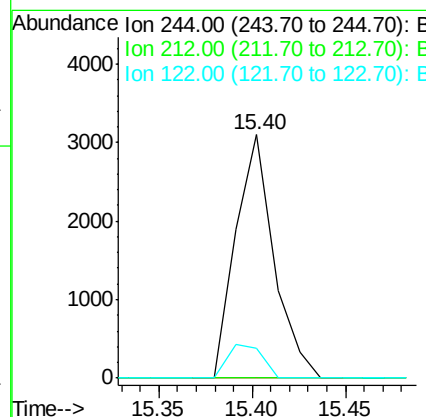
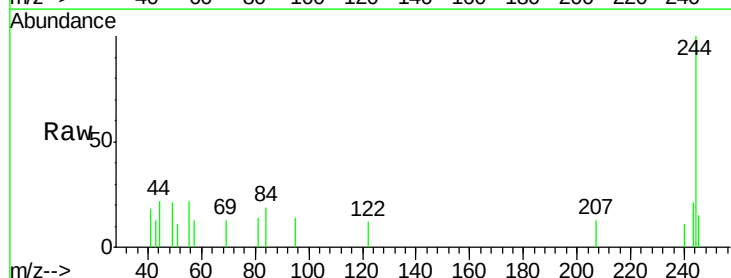
Manual Integrations
APPROVED

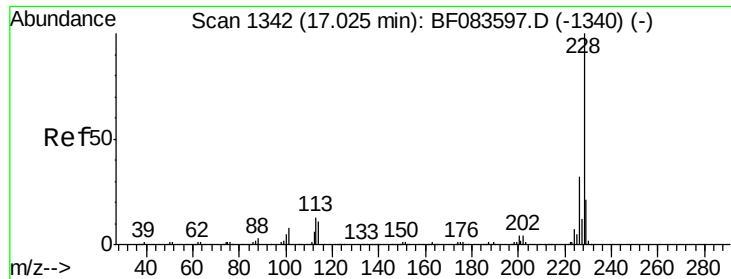
MMdadoda
12/10/2015 5:50:01 PM



#78
Terphenyl-d14
Concen: 0.34 ng
RT: 15.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF083641.D
Acq: 9 Dec 2015 16:03

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	0.0	6.1	9.1#
122	12.4	11.0	16.6





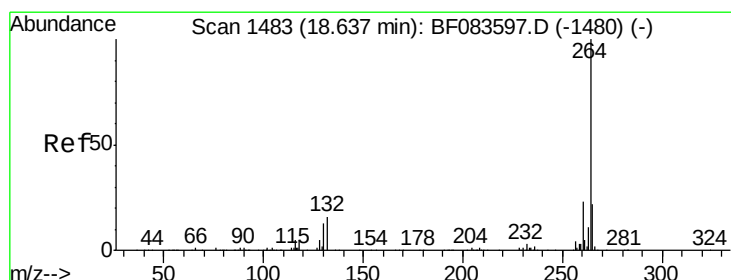
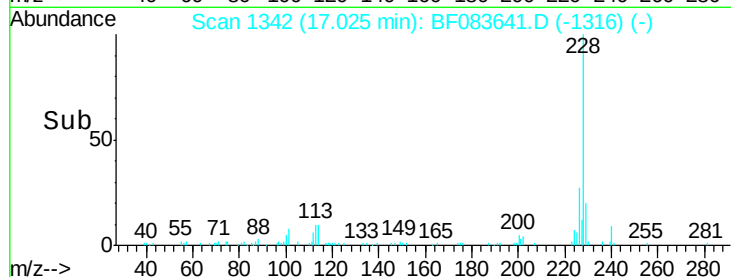
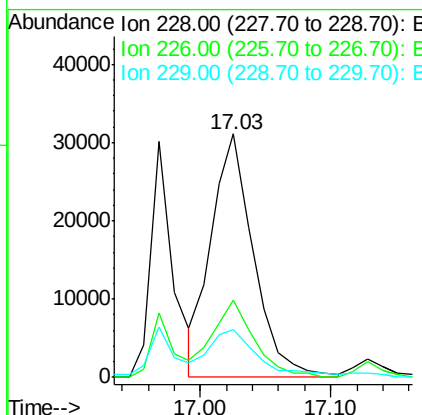
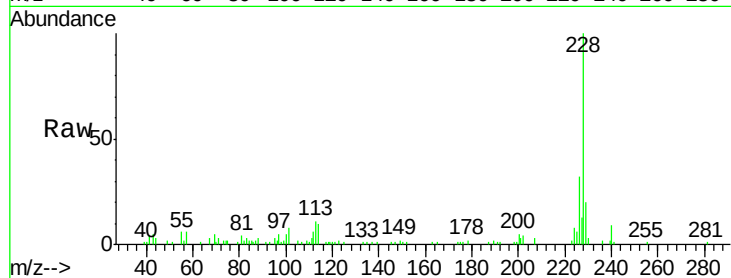
#82
Chrysene
Concen: 3.86 ng
RT: 17.03 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF083641.D
Acq: 9 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
SHED-NORTH-WALLDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.7	37.1
229	19.7	16.3	24.5

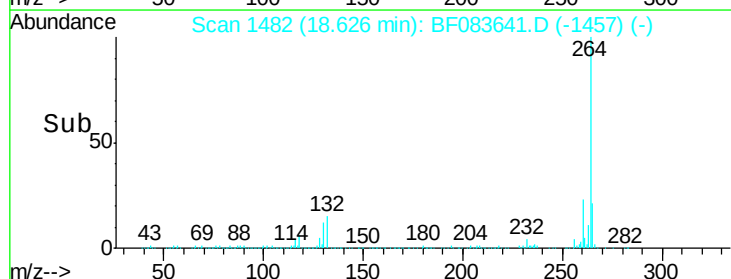
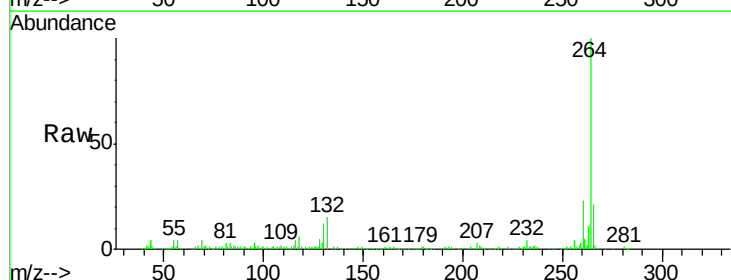
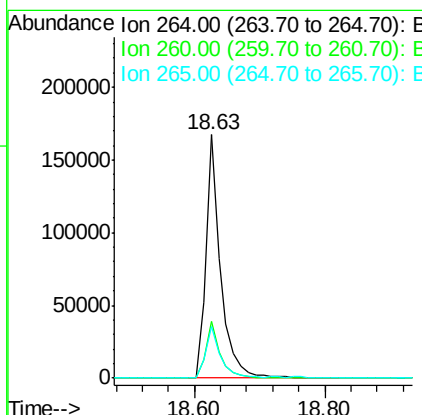
Manual Integrations
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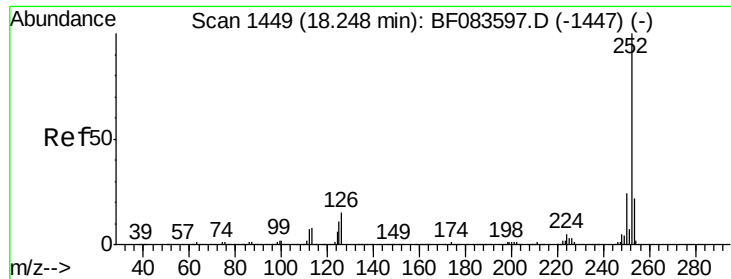
MMdadoda
12/10/2015 5:50:01 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083641.D
Acq: 9 Dec 2015 16:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.2	17.8	26.6





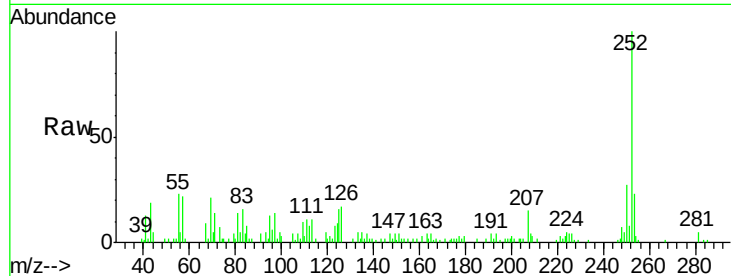
#87
 Benzo(b)fluoranthene
 Concen: 2.74 ng/ml
 RT: 18.26 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF083641.D
 Acq: 9 Dec 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALLDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	16.2	8.2	12.4

Manual Integrations
 APPROVED

MMdadoda
 12/10/2015 5:50:01 PM



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

