Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083024.D
Acq On : 18 Nov 2015 22:54
Operator : UM/IZ
Sample : G4430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-JC

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:44:49 PM

Quant Time: Nov 19 08:06:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	120036	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	449036	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	202796	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	284349	20.00	ng	0.00
75) Chrysene-d12	13.91	240	223940	20.00	ng	0.01
86) Perylene-d12	15.32	264	201519	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	9065	1.18	ng	-0.01
7) Phenol-d6	6.37	99	14831	1.45	ng	-0.02
23) Nitrobenzene-d5	7.29	82	8658	0.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	2271	0.98	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	12427	0.88	ng	-0.01
78) Terphenyl-d14	12.84	244	8676	0.92	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	65326	3.93	ng	# 97
70) Phenanthrene	11.28	178	81383	4.93	ng	# 92
74) Fluoranthene	12.47	202	119678	6.75	ng	93
77) Pyrene	12.69	202	131283m	8.54	ng	
80) Benzo(a)anthracene	13.89	228	49491	3.53	ng	# 81
82) Chrysene	13.93	228	49096m	3.83	ng	
83) Bis(2-ethylhexyl)phthalate	13.91	149	117643	12.65	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.67	276	34669	3.14	ng	# 86
91) Benzo(g,h,i)perylene	17.07	276	60101	6.61	ng	# 66

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083024.D
Acq On : 18 Nov 2015 22:54
Operator : UM/IZ
Sample : G4430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 19 08:06:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-JC

Manual Integrations APPROVED
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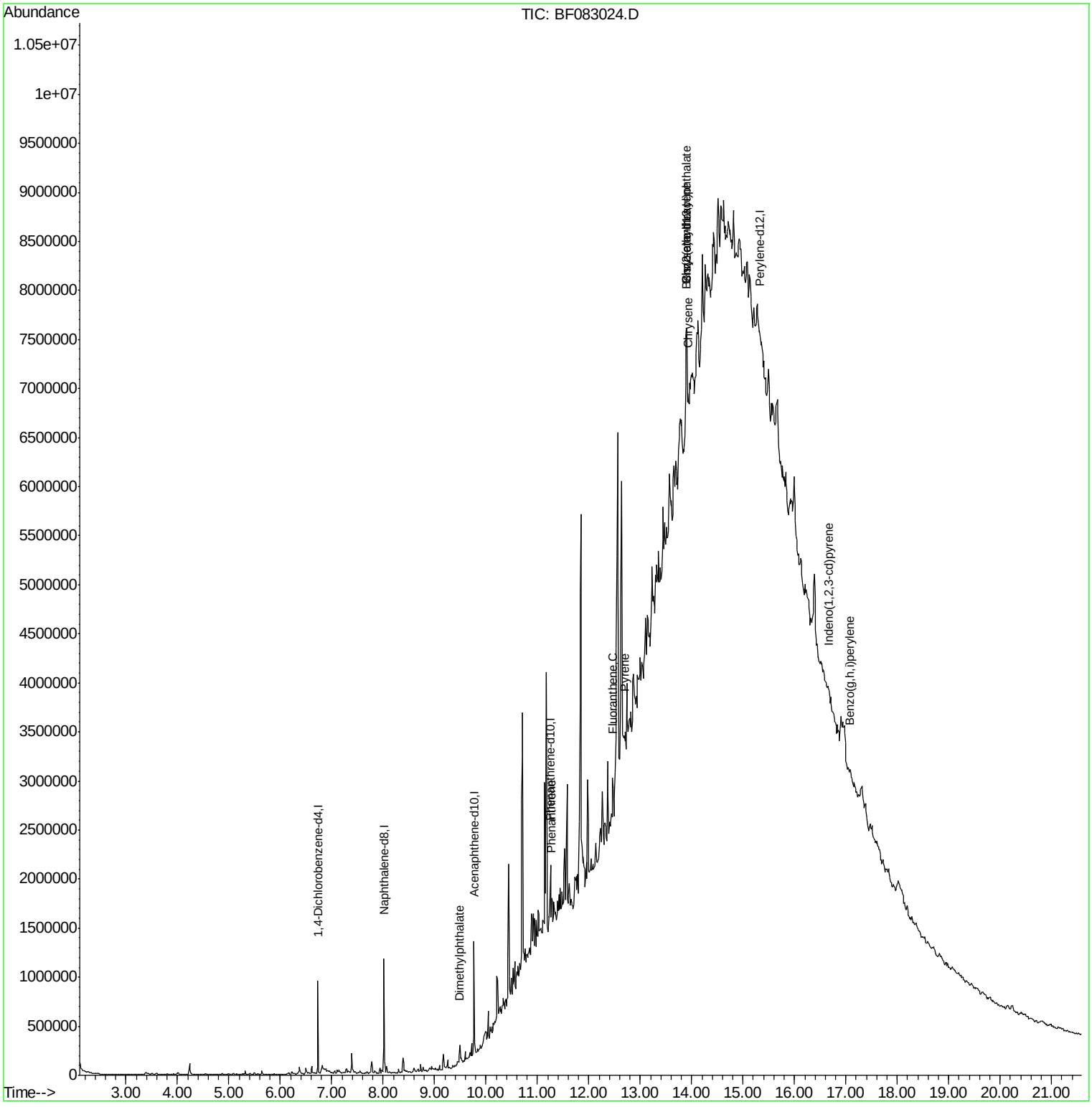
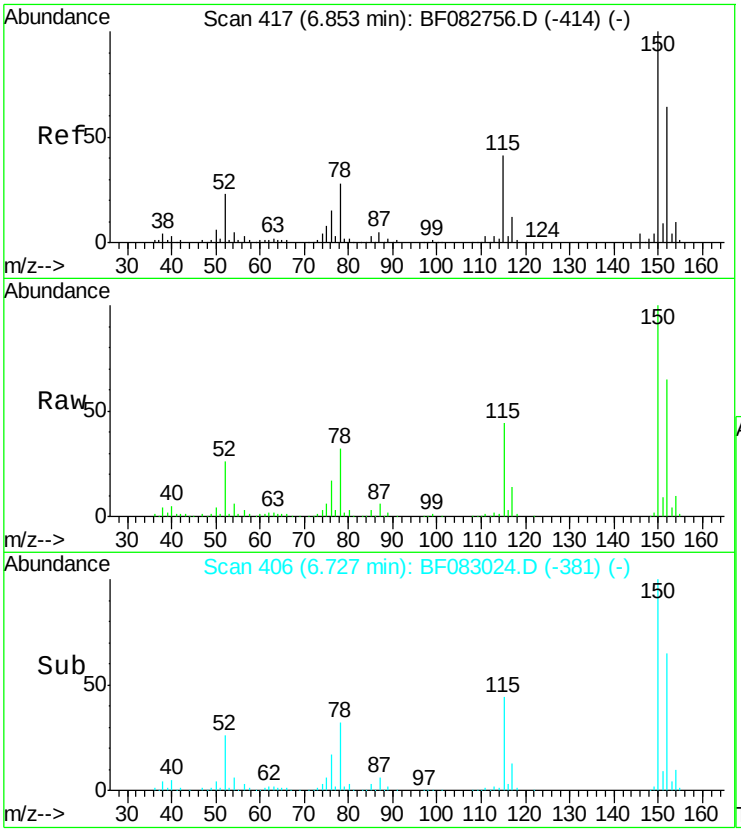
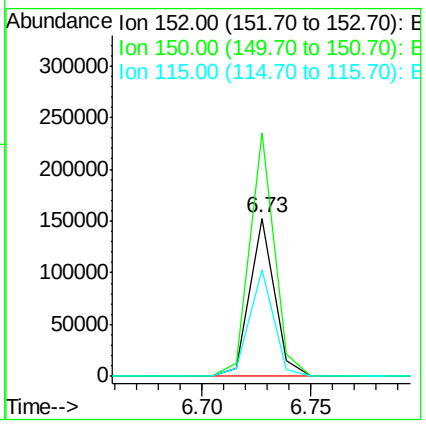




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:152 Resp: 120036

Ion	Ratio	Lower	Upper
152	100		
150	154.2	127.0	190.4
115	67.8	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
WC-JC

Manual Integrations APPROVED
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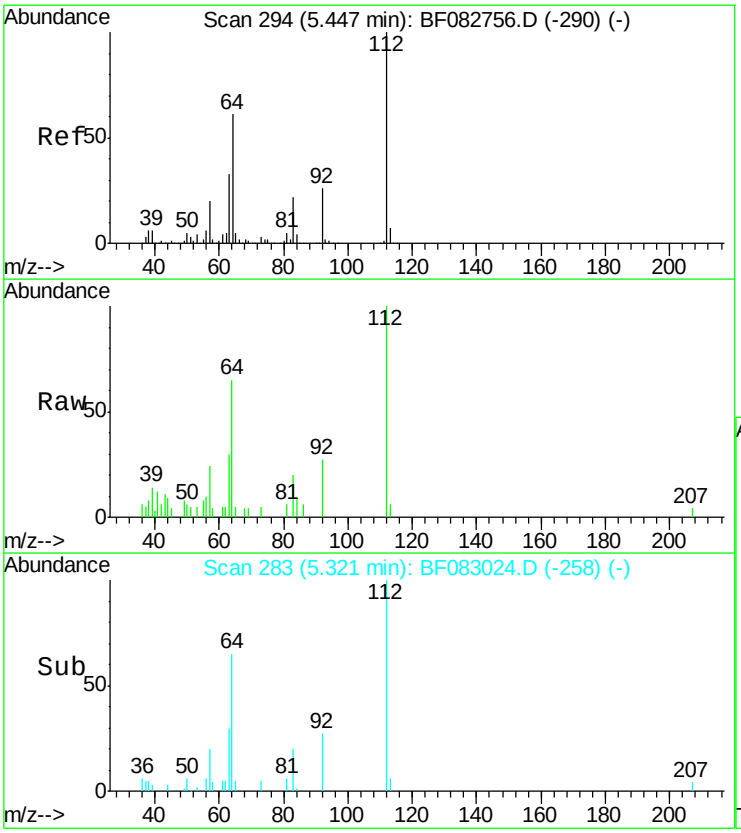
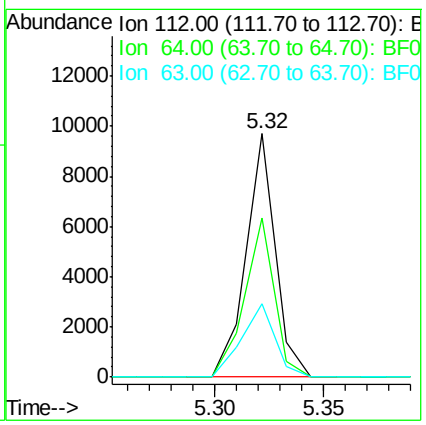
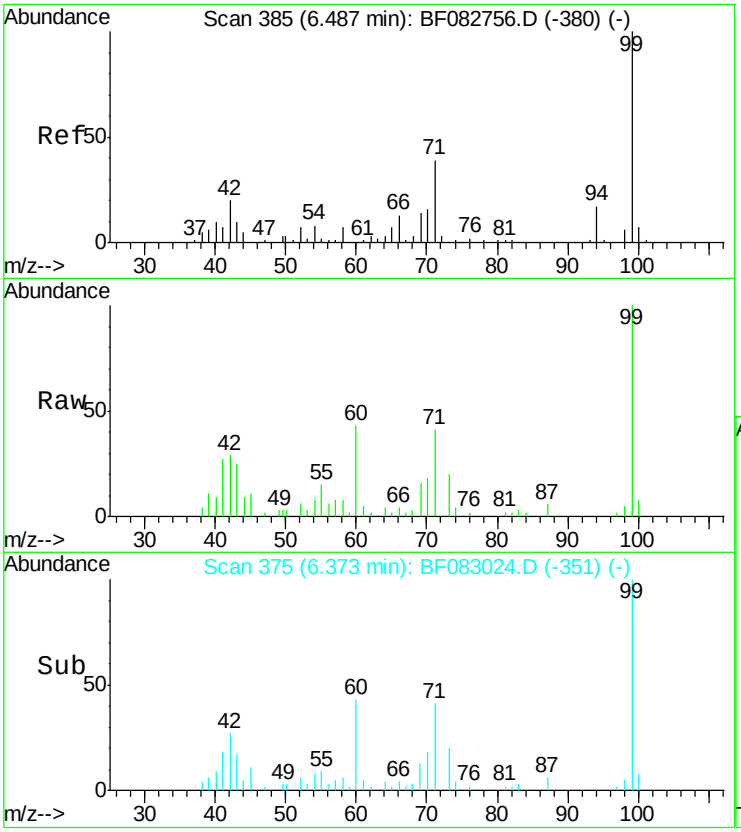


#5
2-Fluorophenol
Concen: 1.18 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:112 Resp: 9065

Ion	Ratio	Lower	Upper
112	100		
64	65.4	48.9	73.3
63	30.1	28.1	42.1

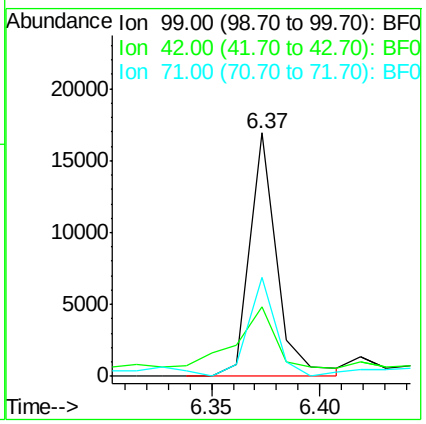




#7
Phenol-d6
Concen: 1.45 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion: 99 Resp: 14831

Ion	Ratio	Lower	Upper
99	100		
42	28.7	19.2	28.8
71	40.8	35.0	52.4



Instrument :
BNA_F
ClientSampleId :
WC-JC

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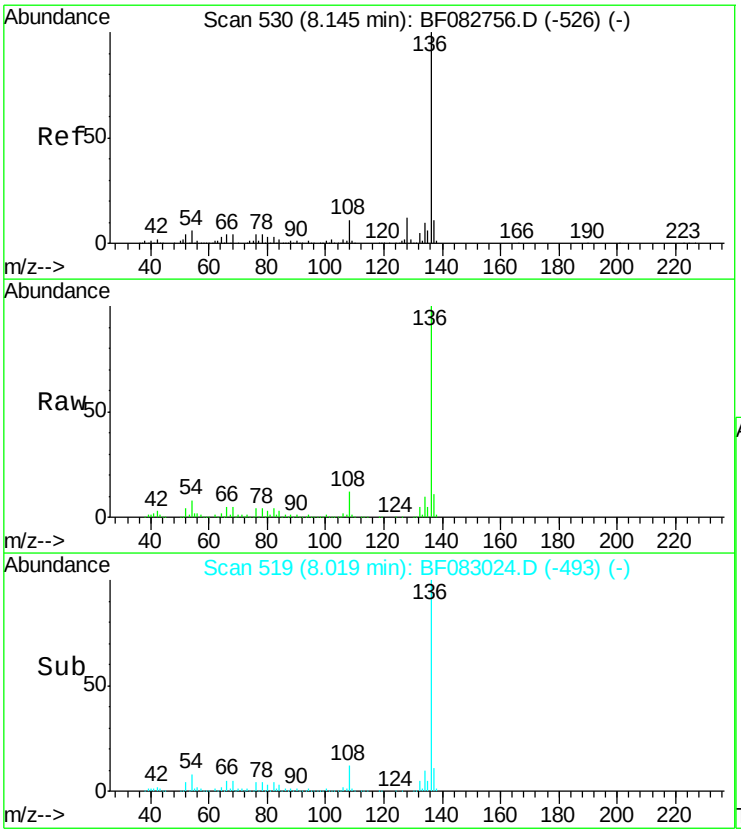
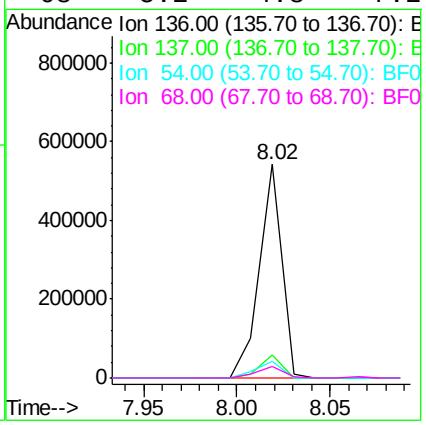
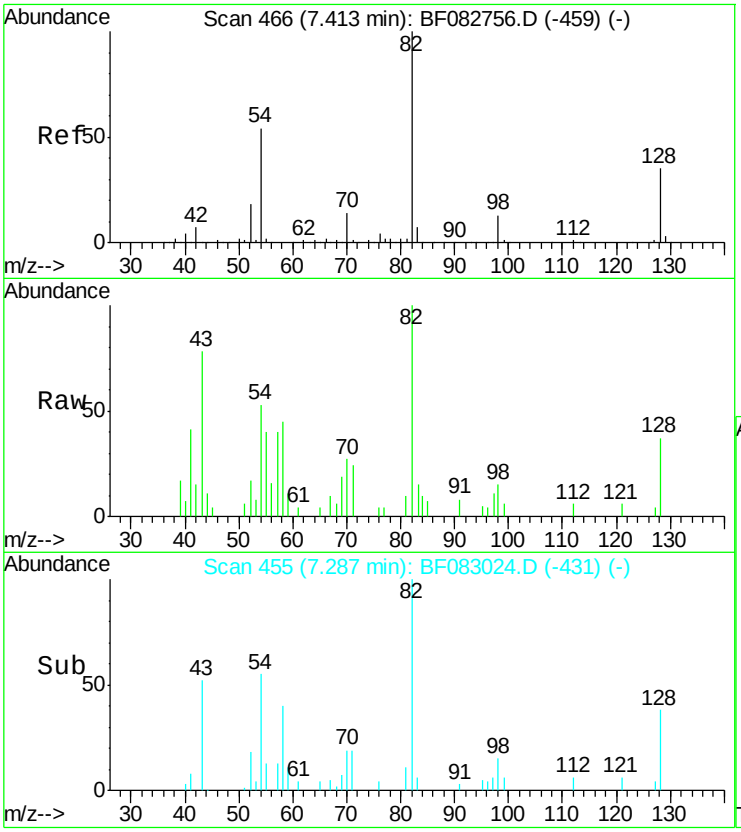


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:136 Resp: 449036

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.7	9.1	13.7#
68	5.2	4.8	7.2

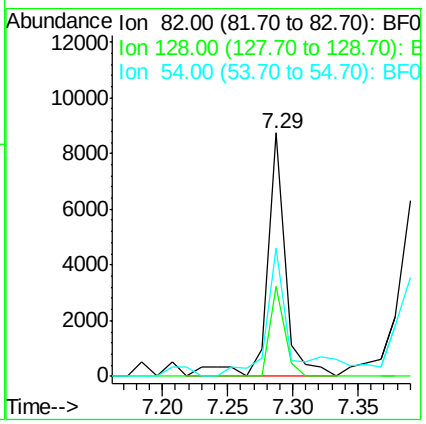




#23
Nitrobenzene-d5
Concen: 0.84 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion: 82 Resp: 8658

Ion	Ratio	Lower	Upper
82	100		
128	37.0	26.8	40.2
54	52.9	45.7	68.5



Instrument :
BNA_F
ClientSampleId :
WC-JC

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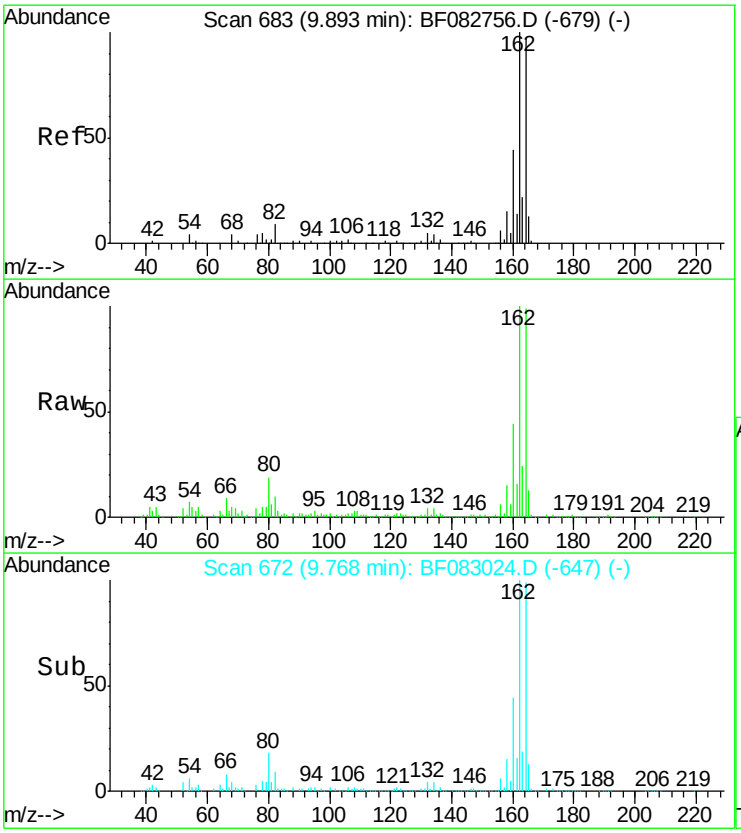
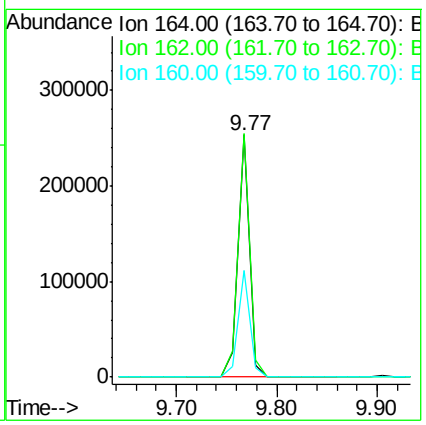
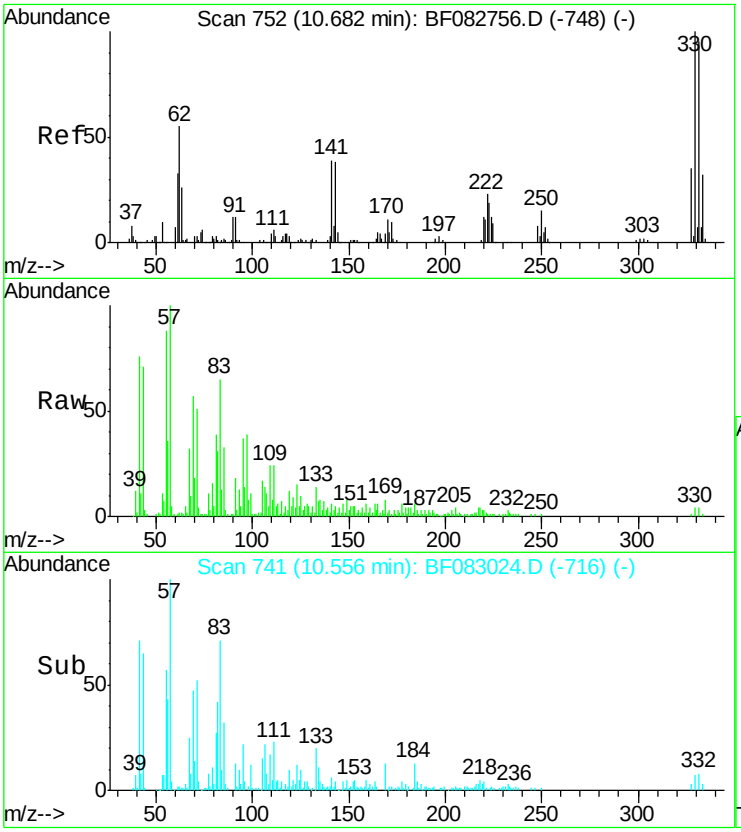


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:164 Resp: 202796

Ion	Ratio	Lower	Upper
164	100		
162	100.5	84.9	127.3
160	43.8	37.5	56.3

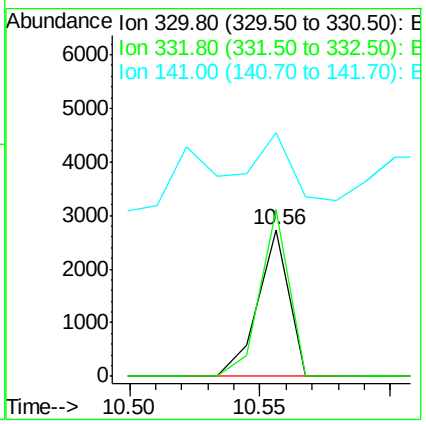




#41
2,4,6-Tribromophenol
Concen: 0.98 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:330 Resp: 2271

Ion	Ratio	Lower	Upper
330	100		
332	105.5	76.6	114.8
141	0.0	41.2	61.8#



Instrument :
BNA_F
ClientSampleId :
WC-JC

Manual Integrations APPROVED
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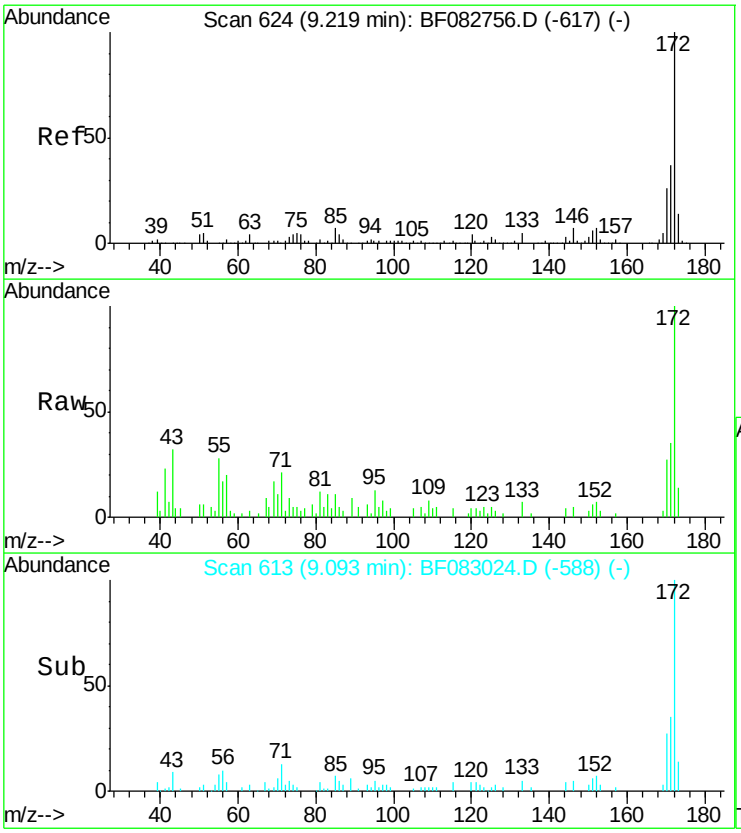
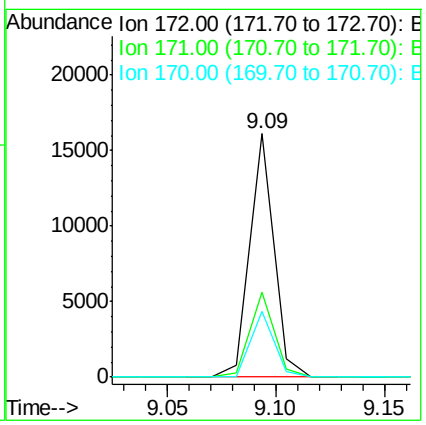
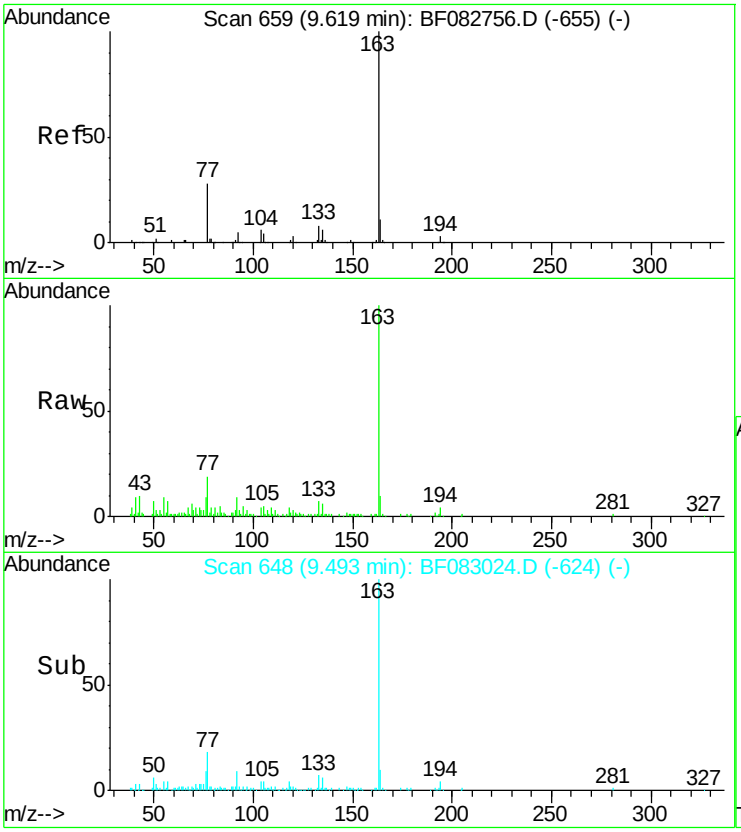


#44
2-Fluorobiphenyl
Concen: 0.88 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:172 Resp: 12427

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.8	46.2
170	27.2	21.2	31.8

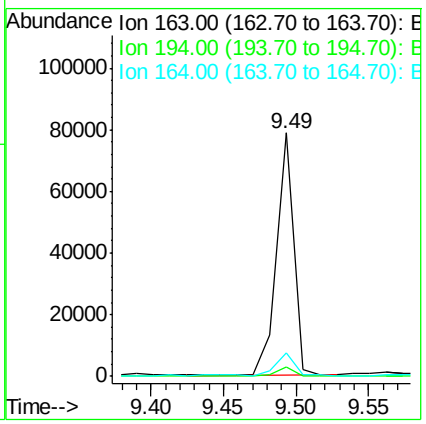




#49
Dimethylphthalate
Concen: 3.93 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:163 Resp: 65326

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	9.9	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
WC-JC

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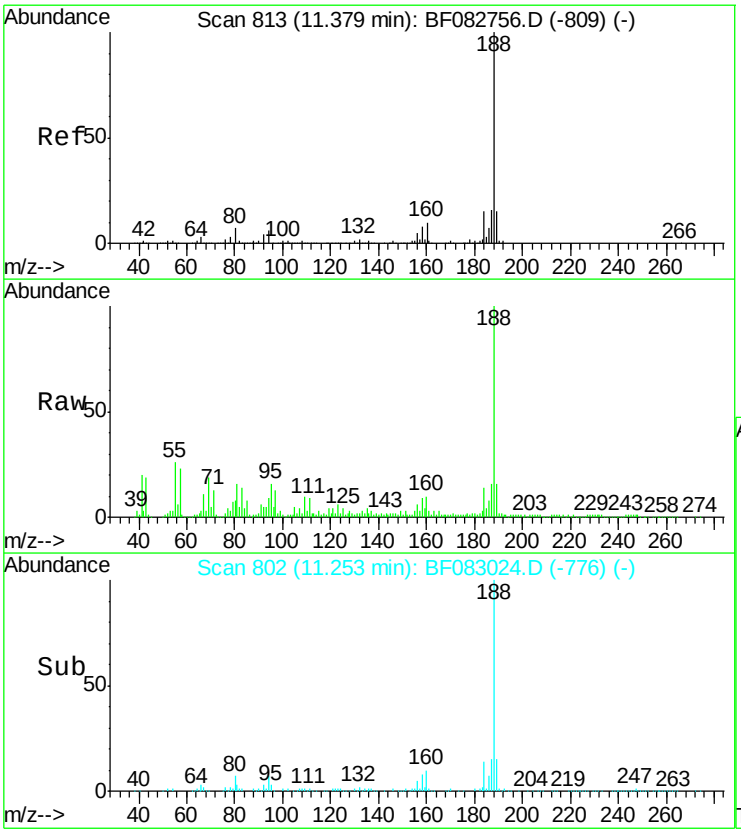
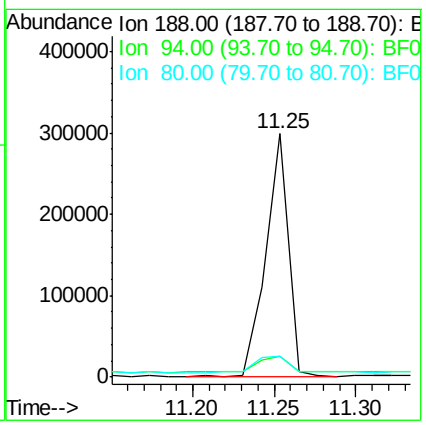
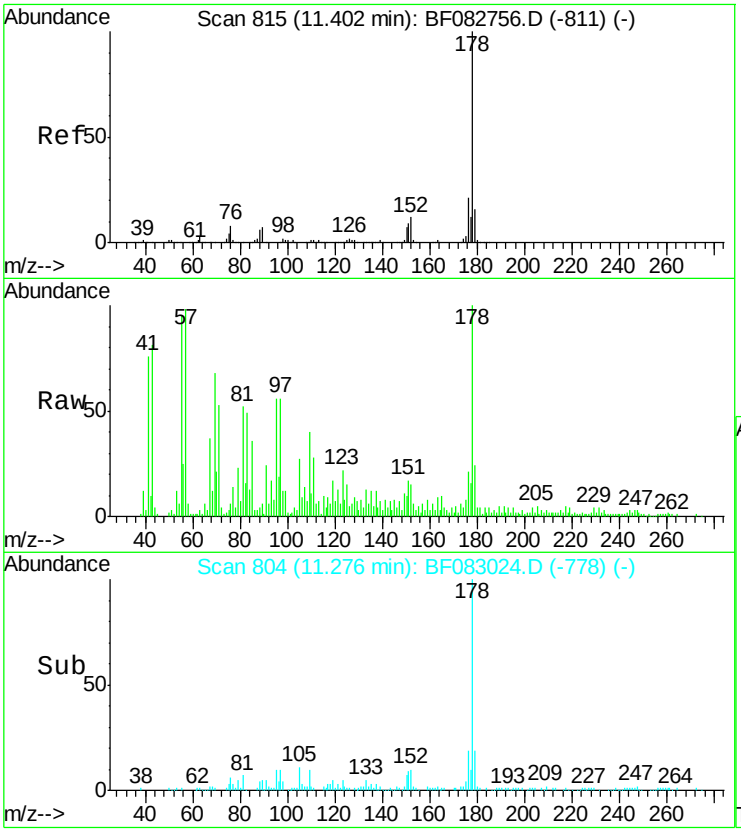


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:188 Resp: 284349

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.1	9.1
80	8.4	7.0	10.6

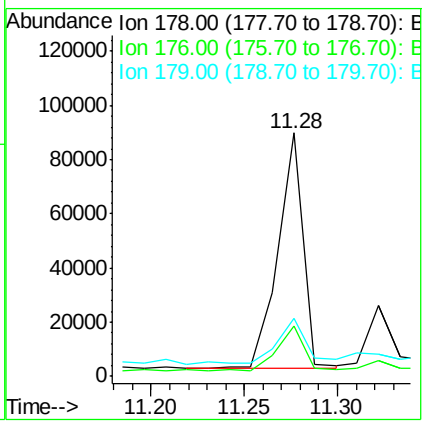




#70
Phenanthrene
Concen: 4.93 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:178 Resp: 81383

Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.0	25.4
179	23.7	13.4	20.0#



Instrument :
BNA_F
ClientSampleId :
WC-JC

Manual Integrations APPROVED
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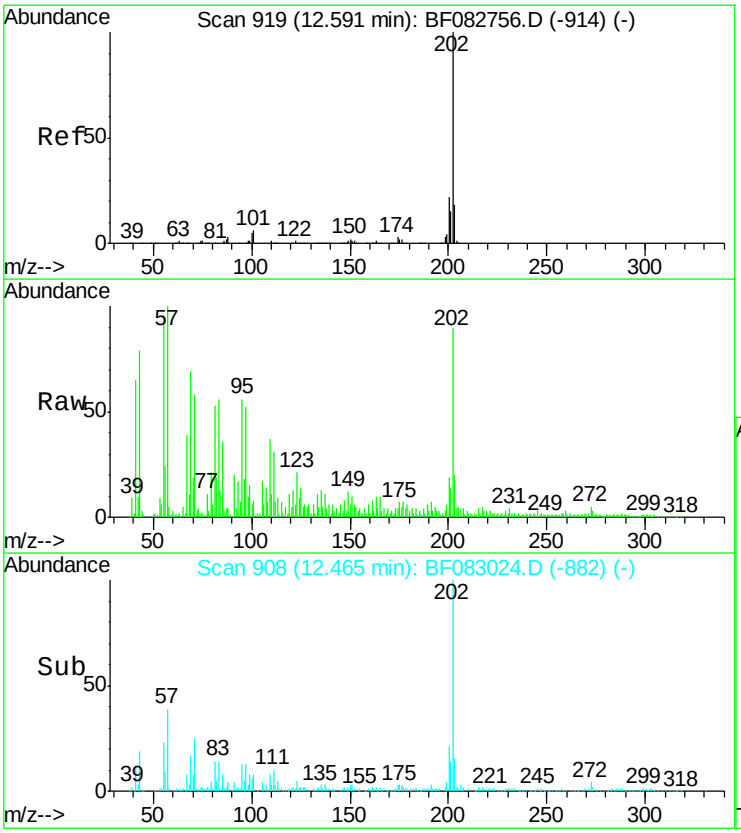
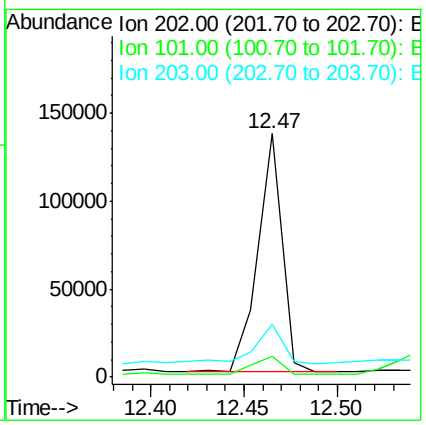
11/19/2015 6:44:49 PM

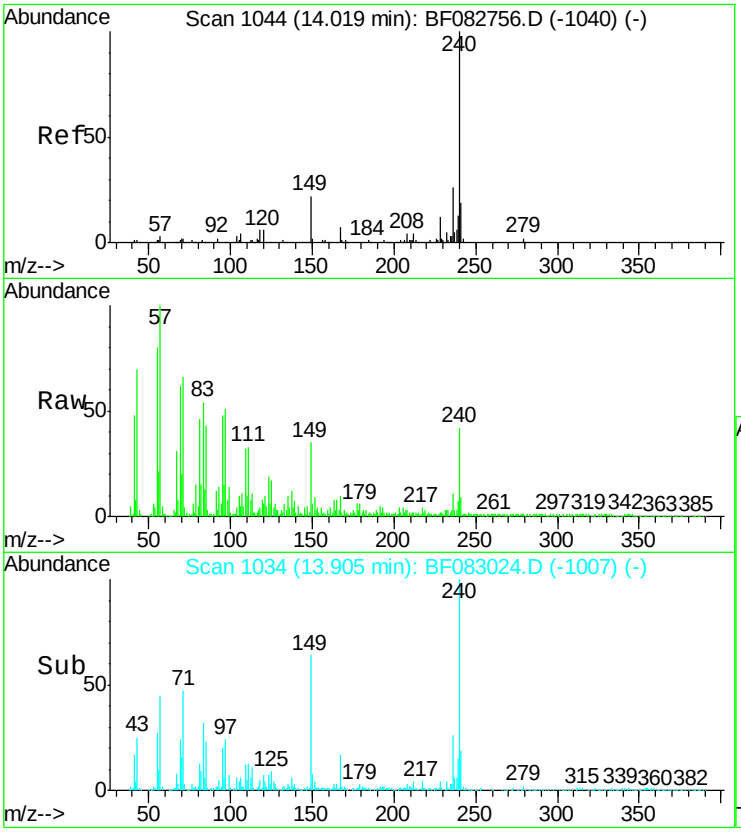


#74
Fluoranthene
Concen: 6.75 ng
RT: 12.47 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:202 Resp: 119678

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.5
203	21.9	0.0	38.5

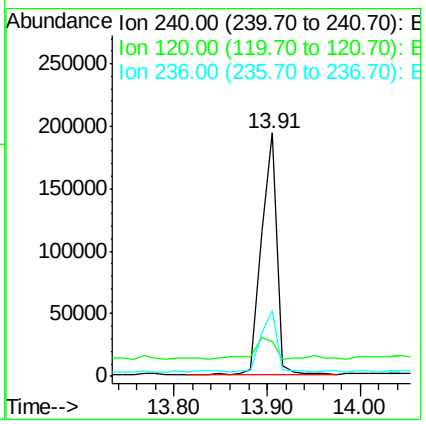




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:240 Resp: 223940

Ion	Ratio	Lower	Upper
240	100		
120	14.5	10.9	16.3
236	27.1	21.6	32.4



Instrument :
BNA_F
ClientSampleId :
WC-JC

Manual Integrations APPROVED
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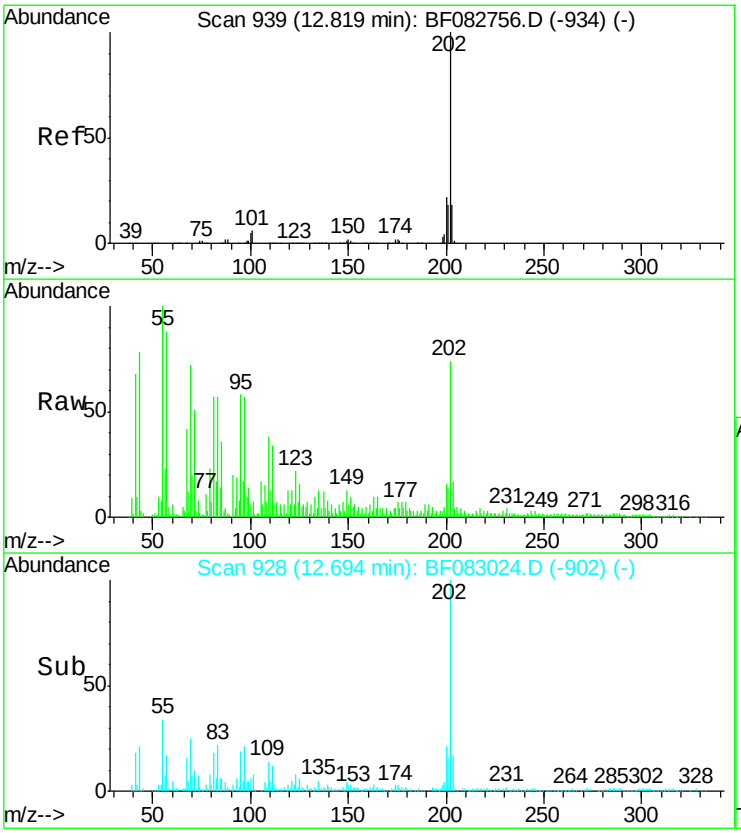
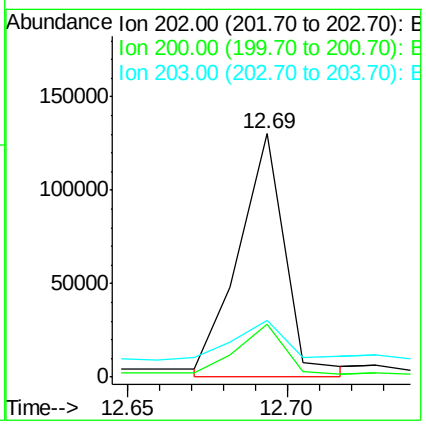
11/19/2015 6:44:49 PM

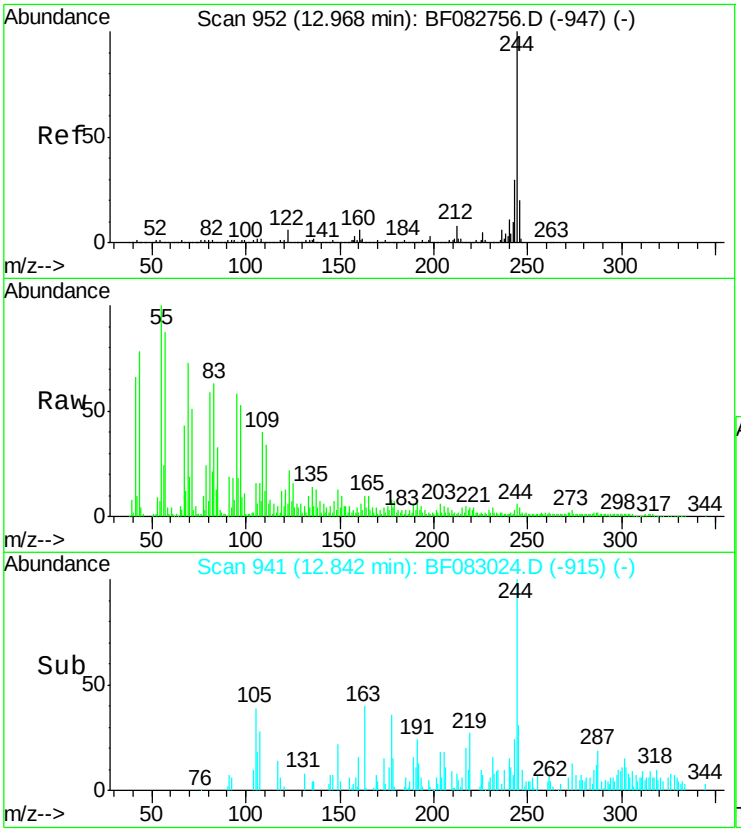


#77
Pyrene
Concen: 8.54 ng m
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:202 Resp: 131283

Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.7	28.1
203	23.2	14.8	22.2#

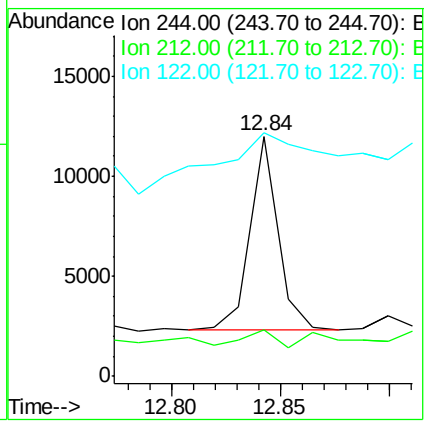




#78
Terphenyl-d14
Concen: 0.92 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

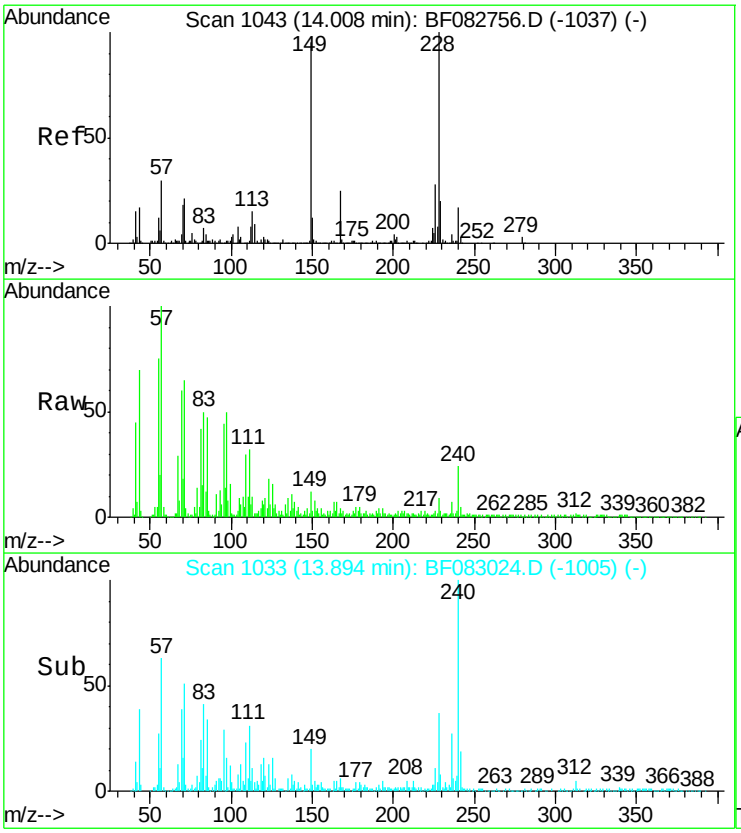
Tgt Ion:244 Resp: 8676

Ion	Ratio	Lower	Upper
244	100		
212	19.2	7.6	11.4#
122	101.4	11.3	16.9#



Instrument :
BNA_F
ClientSampleId :
WC-JC

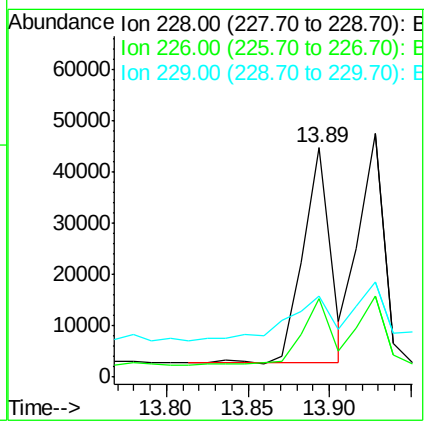
Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:44:49 PM

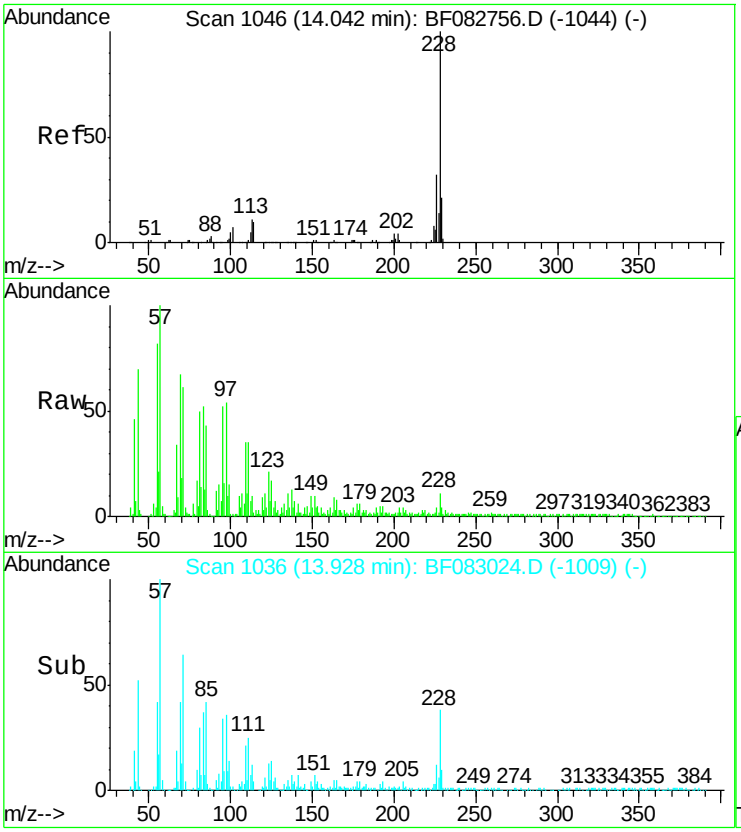


#80
Benzo(a)anthracene
Concen: 3.53 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:228 Resp: 49491

Ion	Ratio	Lower	Upper
228	100		
226	34.2	23.4	35.2
229	35.6	16.3	24.5#





#82
Chrysene
Concen: 3.83 ng m
RT: 13.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:228 Resp: 49096

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.5	38.3
229	38.8	16.3	24.5#

Instrument :
BNA_F
ClientSampleId :
WC-JC

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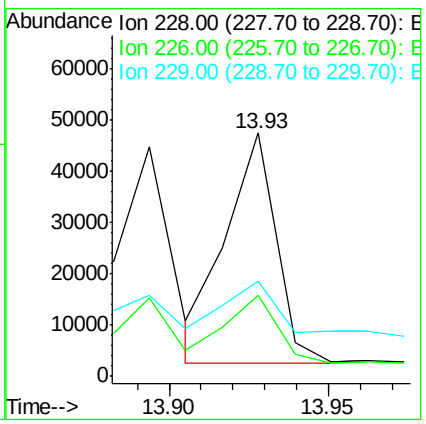
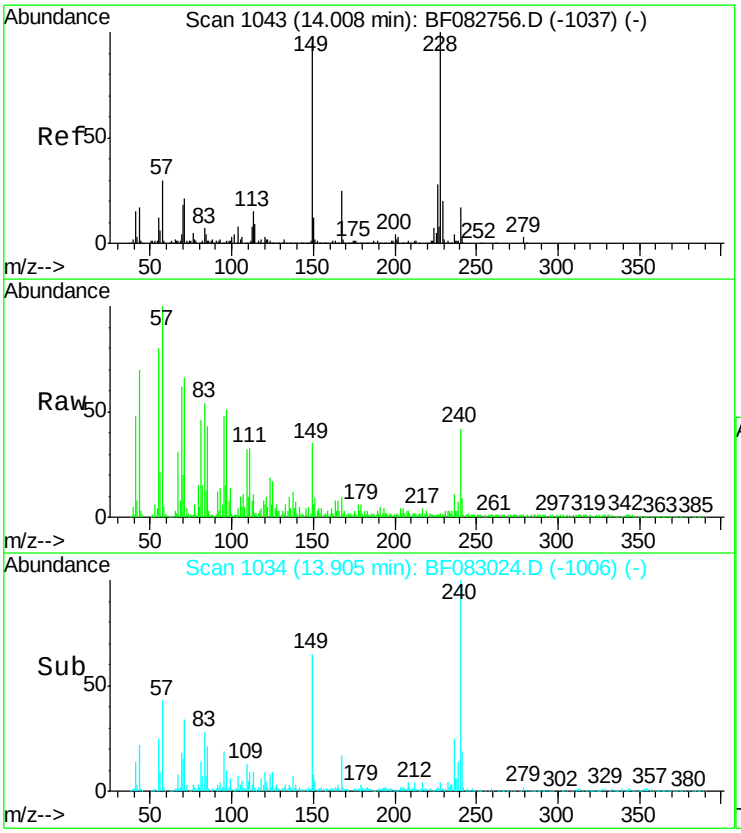
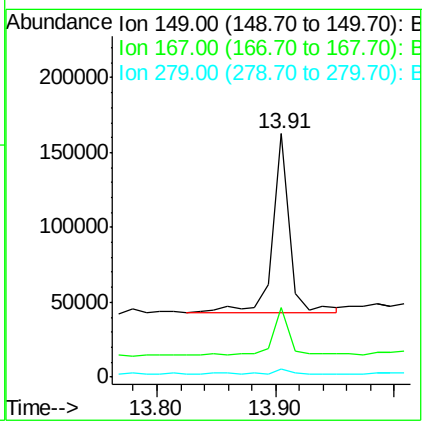


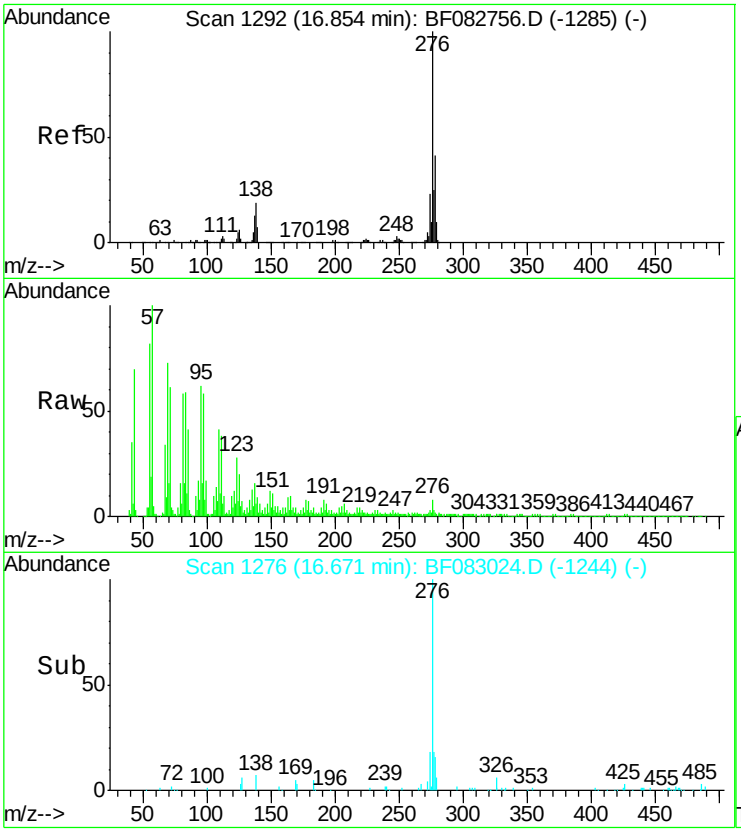


#83
Bis(2-ethylhexyl)phthalate
Concen: 12.65 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:149 Resp: 117643

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.2	31.8
279	3.5	2.2	3.2#





#85
Indeno(1,2,3-cd)pyrene
Concen: 3.14 ng
RT: 16.67 min Scan# 1276
Delta R.T. 0.07 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:276 Resp: 34669

Ion	Ratio	Lower	Upper
276	100		
138	32.9	15.3	22.9#
277	24.5	20.2	30.4

Instrument :
BNA_F
ClientSampleId :
WC-JC

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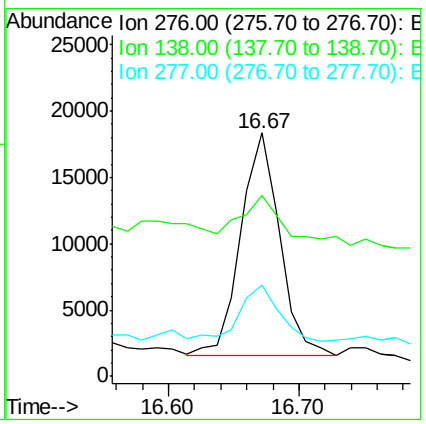
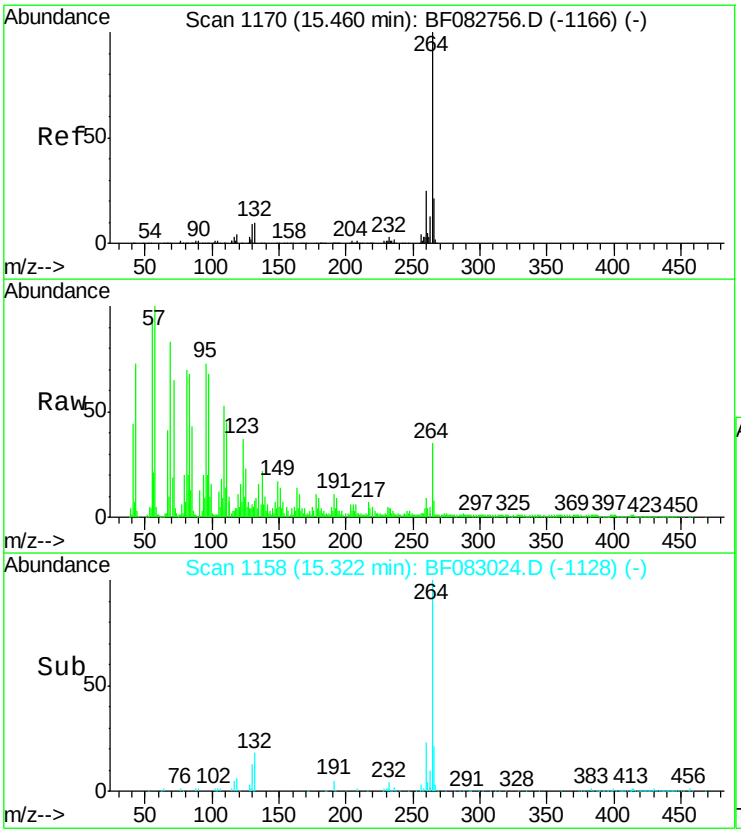
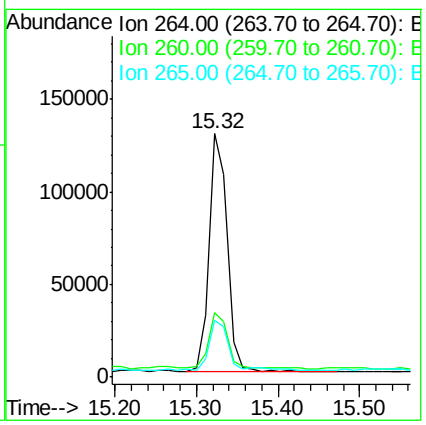


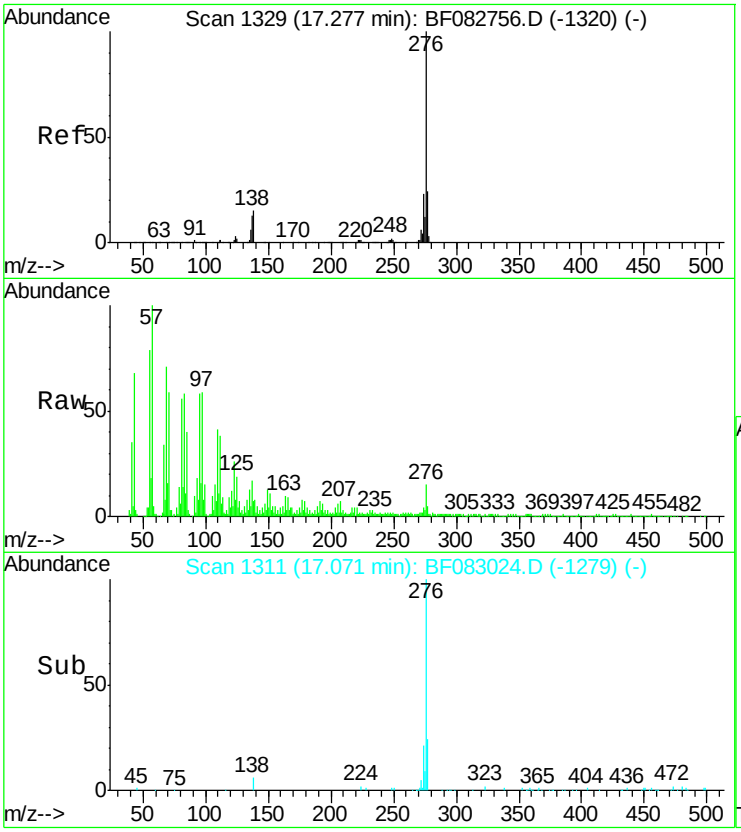


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.05 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:264 Resp: 201519

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.8	29.6
265	23.5	17.4	26.0

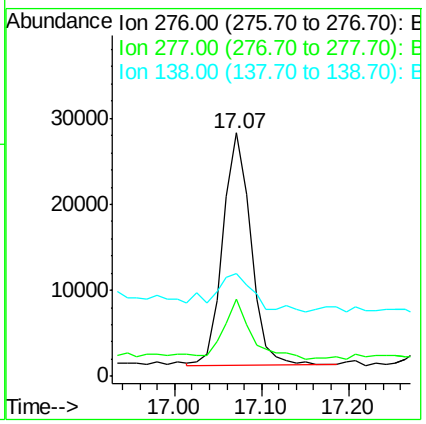




#91
Benzo(g,h,i)perylene
Concen: 6.61 ng
RT: 17.07 min Scan# 1311
Delta R.T. 0.07 min
Lab File: BF083024.D
Acq: 18 Nov 2015 22:54

Tgt Ion:276 Resp: 60101

Ion	Ratio	Lower	Upper
276	100		
277	31.8	19.2	28.8#
138	42.3	13.1	19.7#



Instrument :
BNA_F
ClientSampleId :
WC-JC

Manual Integrations APPROVED
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