Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082033.D
Acq On : 3 Oct 2015 20:56
Operator : UM/IZ
Sample : G3867-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:27:14 PM

Quant Time: Oct 05 17:42:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	71293	20.00	ng		-0.05
21) Naphthalene-d8	8.18	136	233234	20.00	ng		-0.03
38) Acenaphthene-d10	9.95	164	110807	20.00	ng		-0.02
63) Phenanthrene-d10	11.45	188	203834	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	245930	20.00	ng		-0.05
86) Perylene-d12	15.53	264	213605	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	572948	145.89	ng		-0.04
7) Phenol-d6	6.51	99	744167	150.59	ng		-0.05
23) Nitrobenzene-d5	7.45	82	426400	121.87	ng		-0.05
41) 2,4,6-Tribromophenol	10.75	330	164332	146.44	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	680016	108.41	ng		-0.03
78) Terphenyl-d14	13.04	244	801788	117.29	ng		-0.01
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.91	142	1451537	205.76	ng	#	87
49) Dimethylphthalate	9.67	163	165746	21.67	ng	#	84
57) Fluorene	10.51	166	239999m	36.83	ng		
70) Phenanthrene	11.49	178	675524m	69.78	ng		
74) Fluoranthene	12.67	202	126666	11.60	ng		85
77) Pyrene	12.89	202	142212	9.68	ng	#	89
80) Benzo(a)anthracene	14.07	228	32552m	2.46	ng		
82) Chrysene	14.10	228	28018m	2.48	ng		
83) Bis(2-ethylhexyl)phthalate	14.06	149	31570	4.55	ng		93

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

Quantitation Report (LSC Reviewed)

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Acq On : 3 Oct 2015 20:56
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Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

Manual Integrations APPROVED
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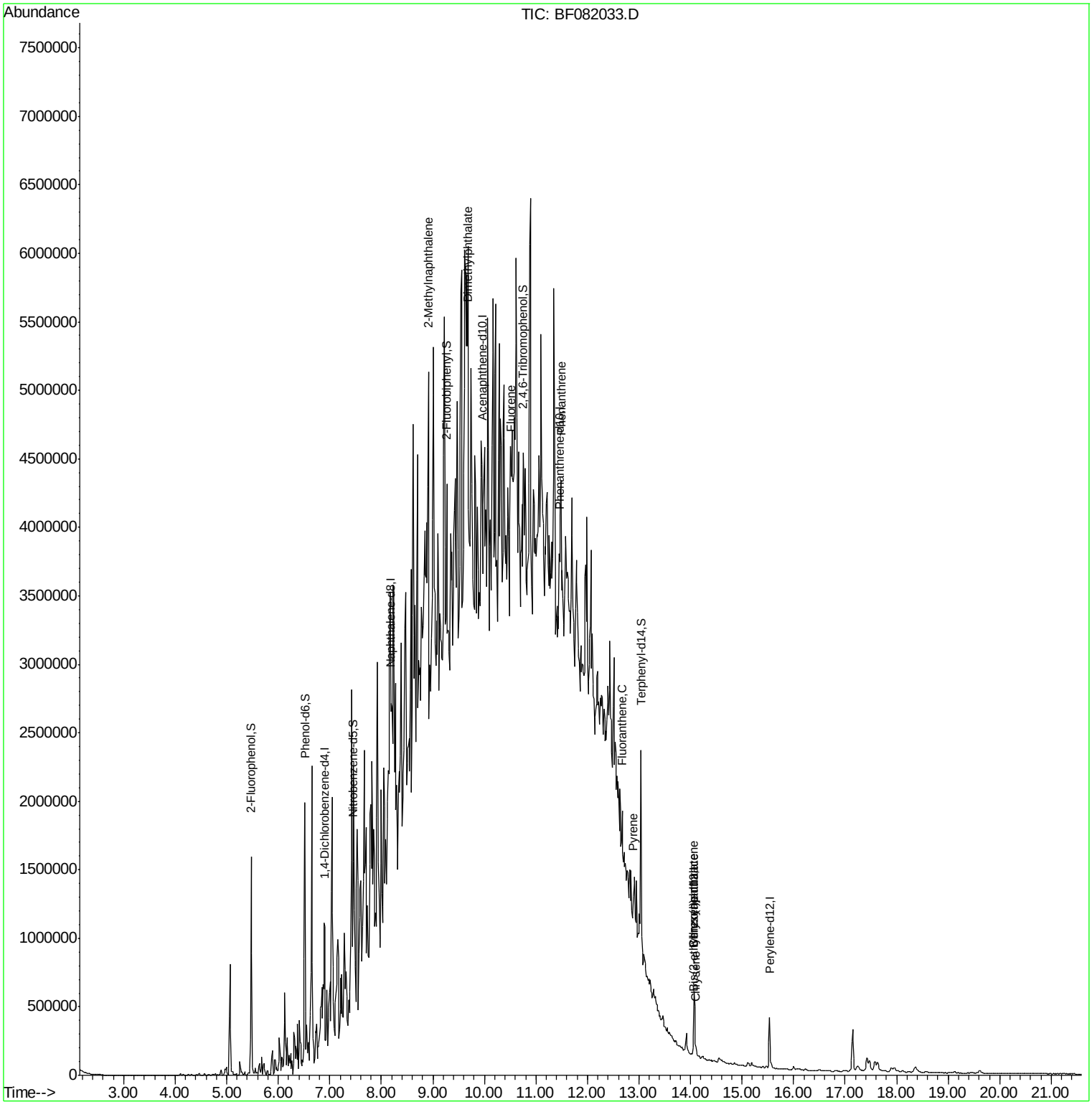
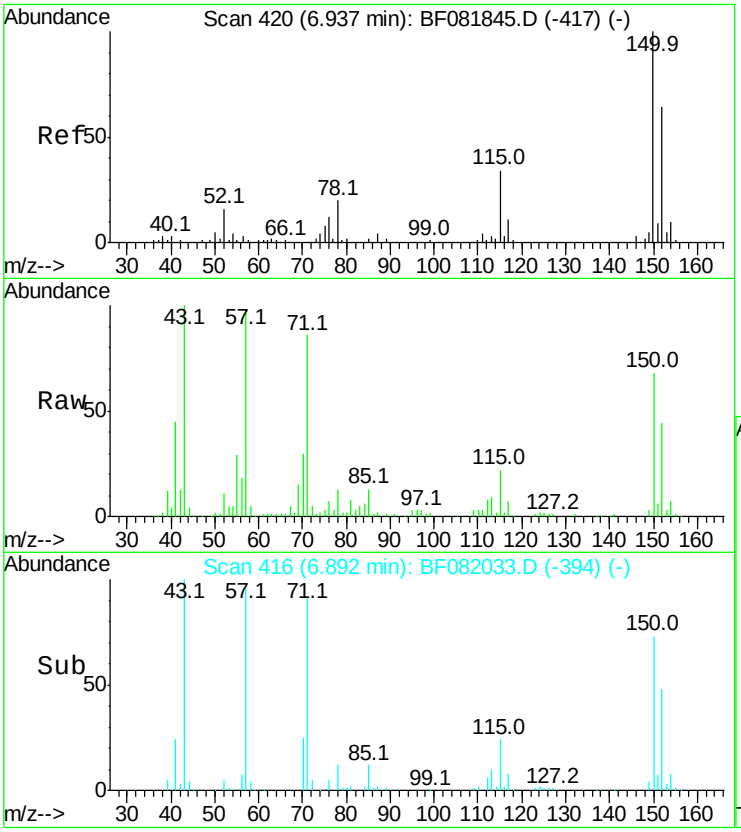
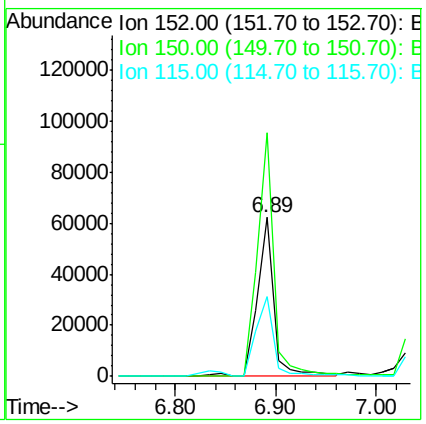




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:152 Resp: 71293

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.7	187.1
115	50.2	39.0	58.4



Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

Manual Integrations APPROVED
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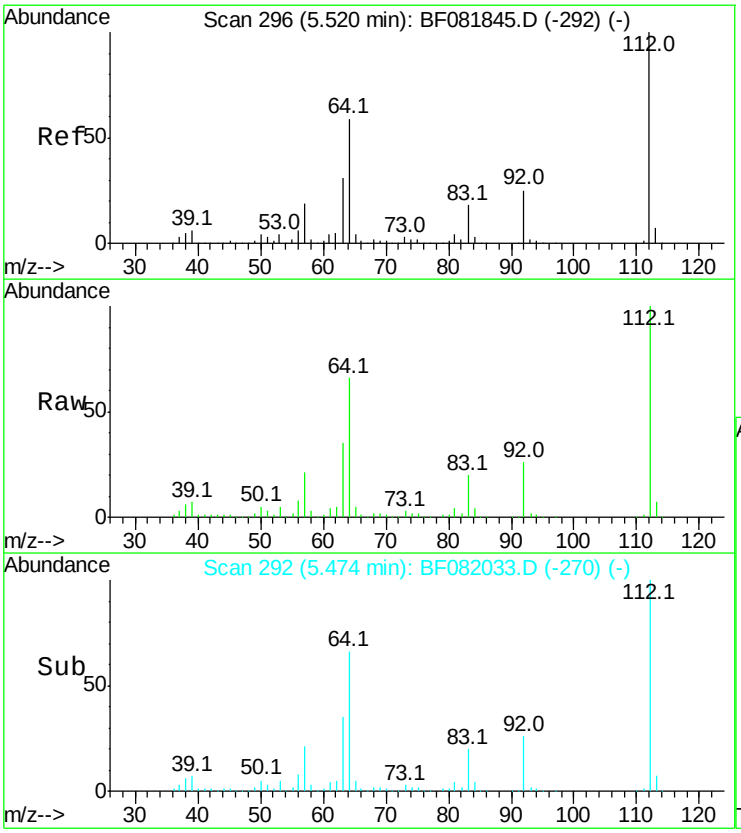
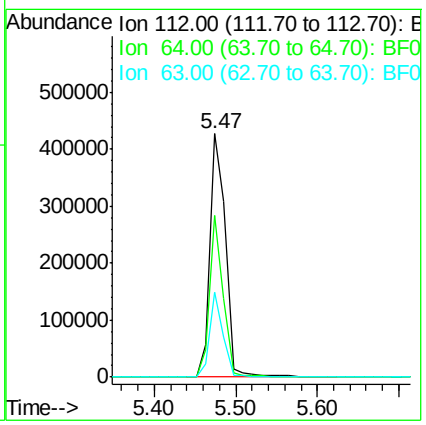
10/5/2015 6:27:14 PM

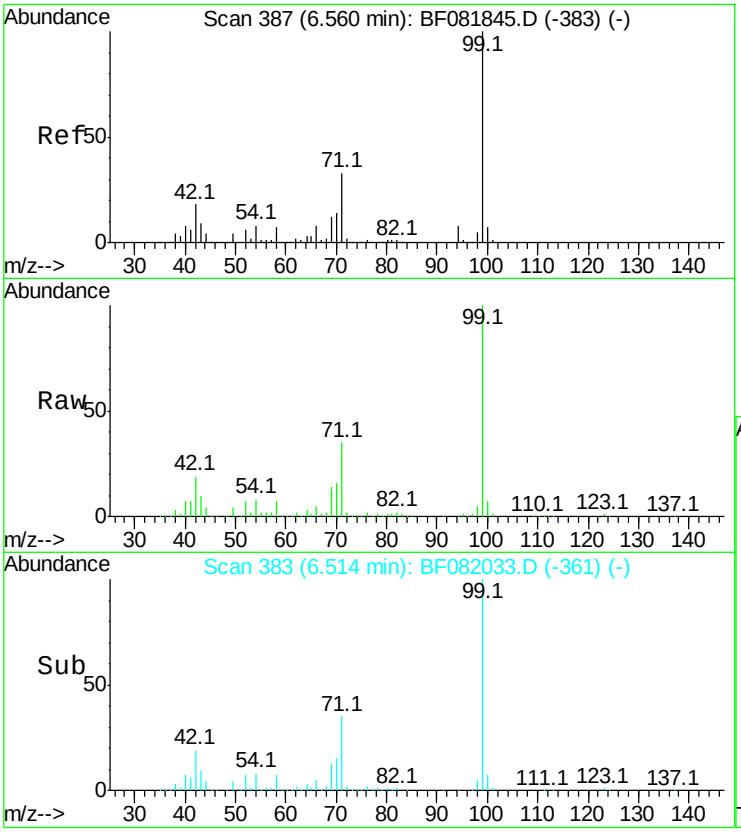


#5
2-Fluorophenol
Concen: 145.89 ng
RT: 5.47 min Scan# 292
Delta R.T. -0.04 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:112 Resp: 572948

Ion	Ratio	Lower	Upper
112	100		
64	66.2	39.7	59.5#
63	34.9	17.4	26.0#





#7
Phenol-d6
Concen: 150.59 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion: 99 Resp: 744167

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.7	20.5
71	35.3	14.2	21.2#

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

Manual Integrations APPROVED
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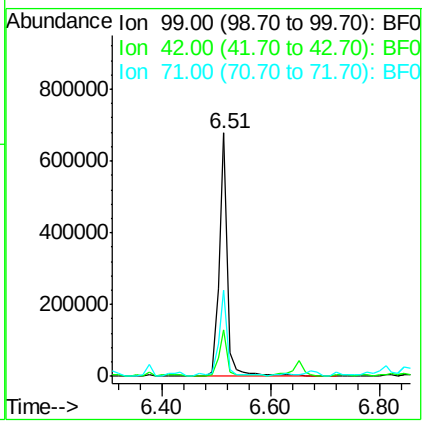
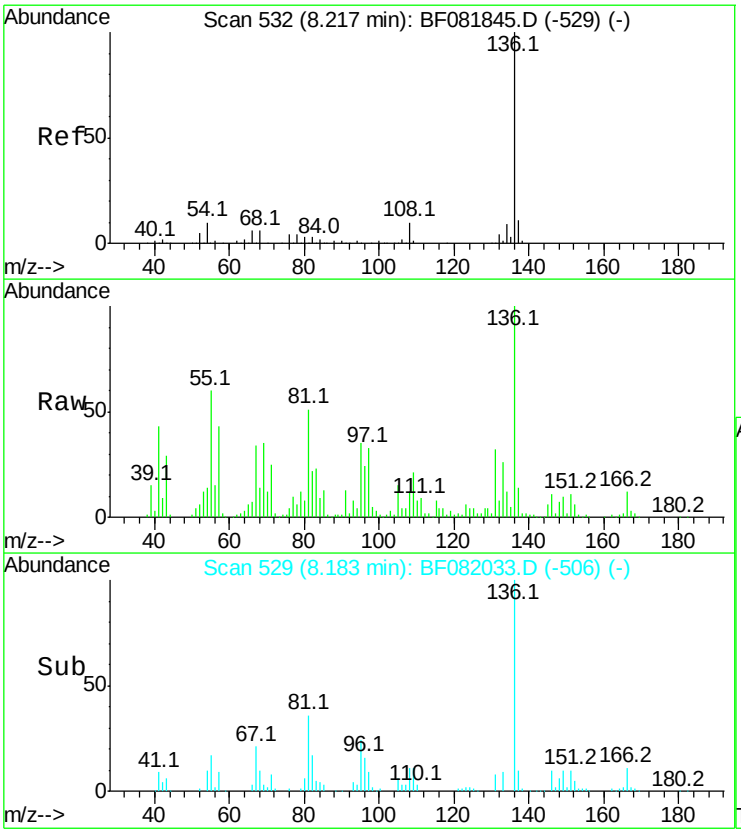
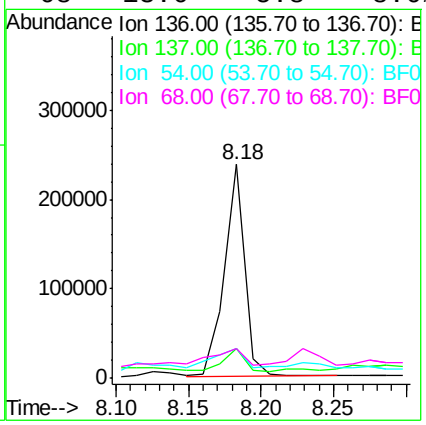


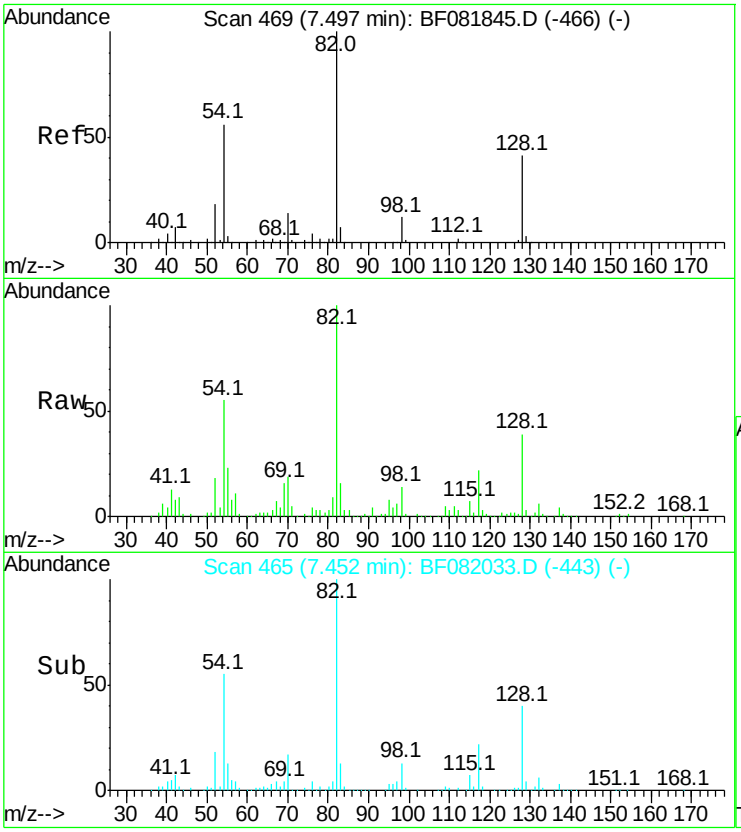


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:136 Resp: 233234

Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.0	13.6#
54	13.9	8.2	12.2#
68	13.6	5.8	8.6#

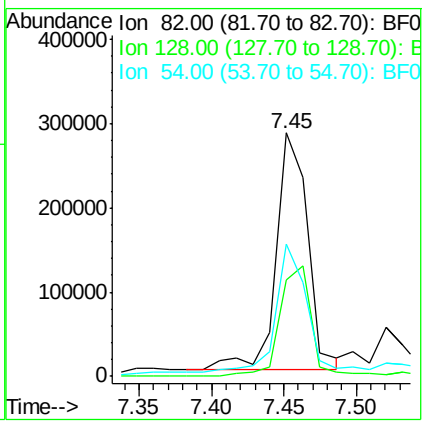




#23
Nitrobenzene-d5
Concen: 121.87 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion: 82 Resp: 426400

Ion	Ratio	Lower	Upper
82	100		
128	39.4	51.0	76.6#
54	54.6	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

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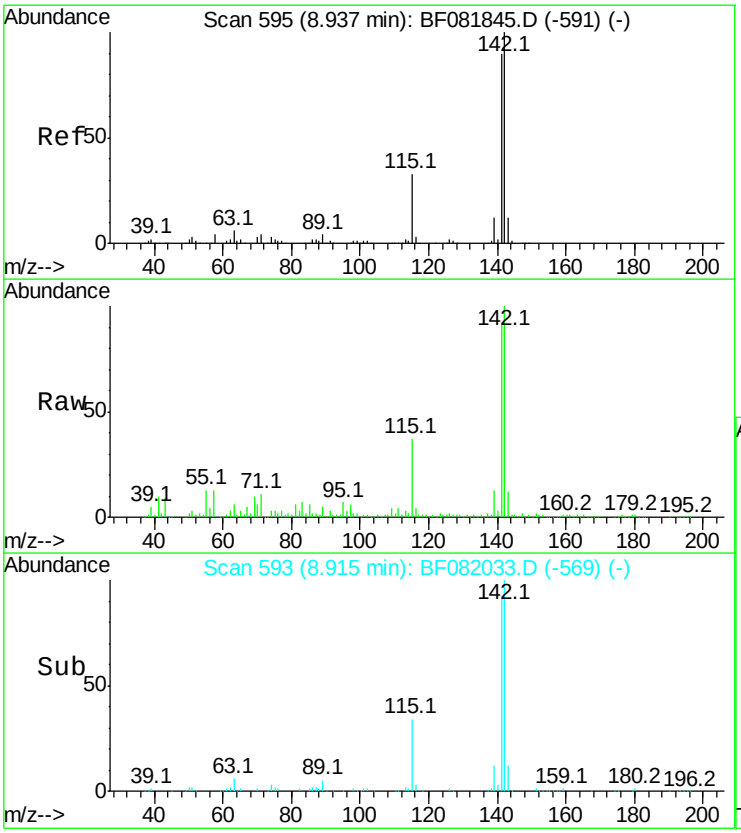
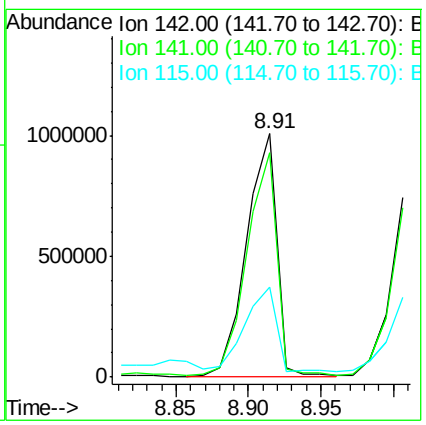
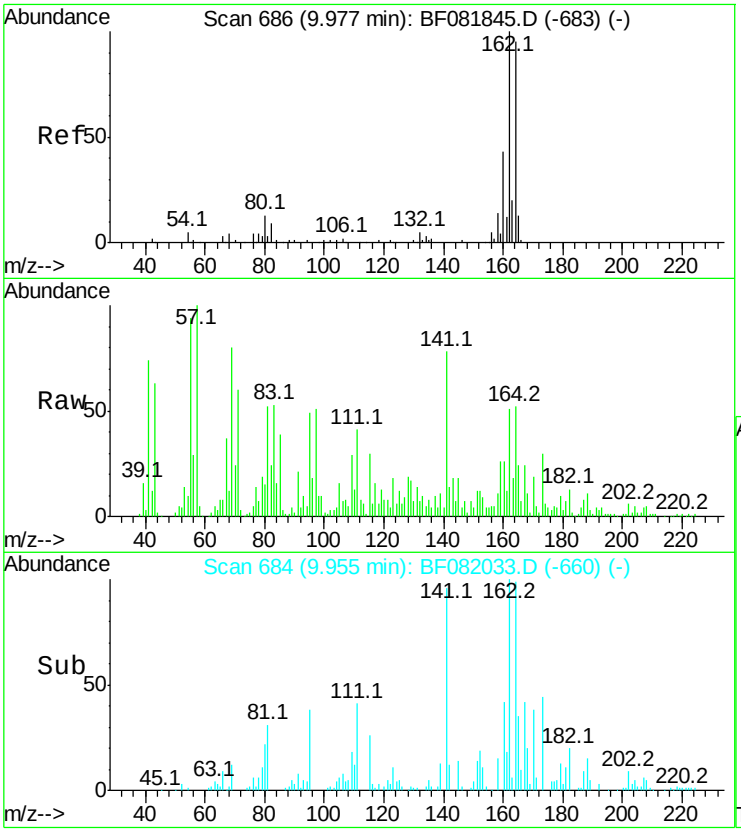


#37
2-Methylnaphthalene
Concen: 205.76 ng
RT: 8.91 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:142 Resp: 1451537

Ion	Ratio	Lower	Upper
142	100		
141	92.0	67.5	101.3
115	36.8	18.2	27.2#

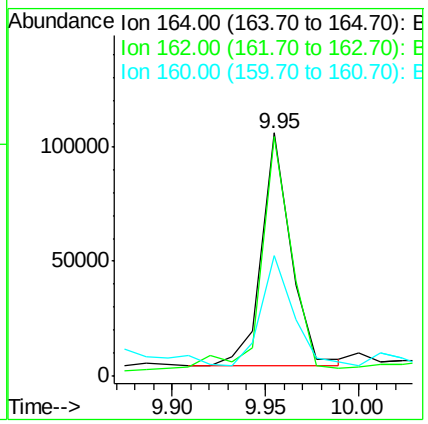




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:164 Resp: 110807

Ion	Ratio	Lower	Upper
164	100		
162	98.5	75.2	112.8
160	49.7	31.5	47.3#



Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

Manual Integrations APPROVED
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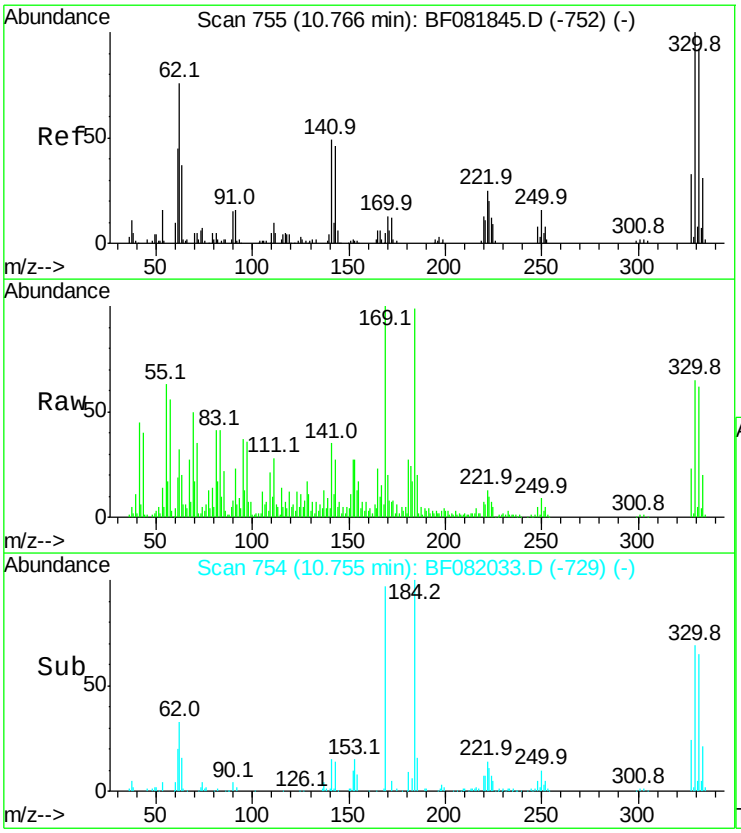
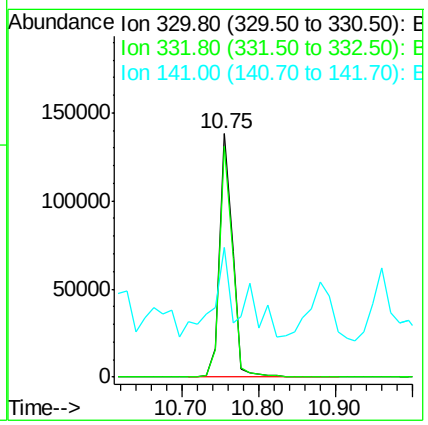
10/5/2015 6:27:14 PM

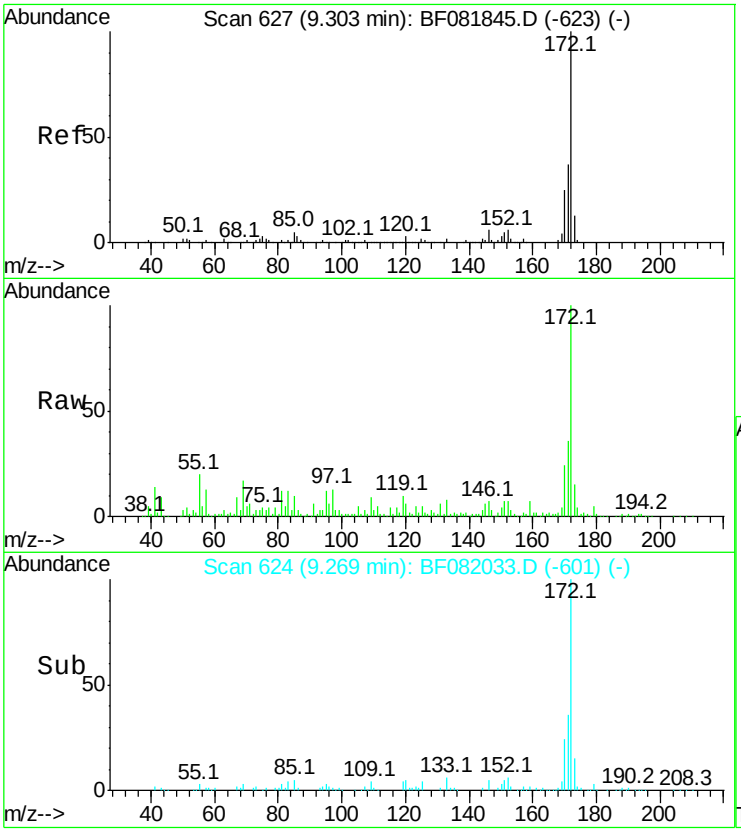


#41
2,4,6-Tribromophenol
Concen: 146.44 ng
RT: 10.75 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:330 Resp: 164332

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	47.7	29.7	44.5#

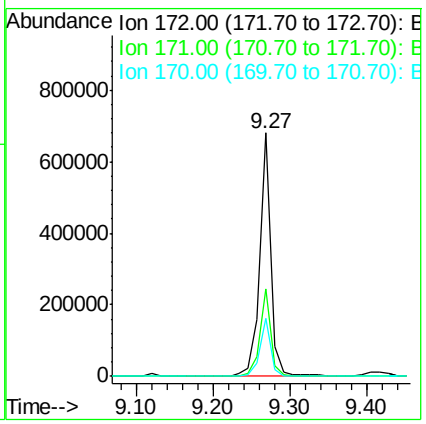




#44
2-Fluorobiphenyl
Concen: 108.41 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:172 Resp: 680016

Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	24.0	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

Manual Integrations APPROVED
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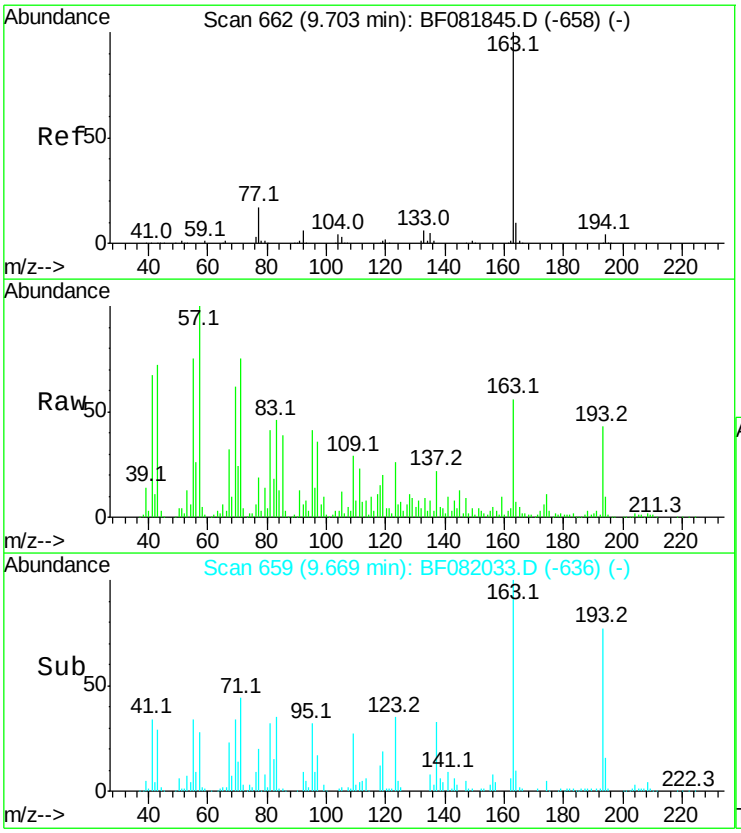
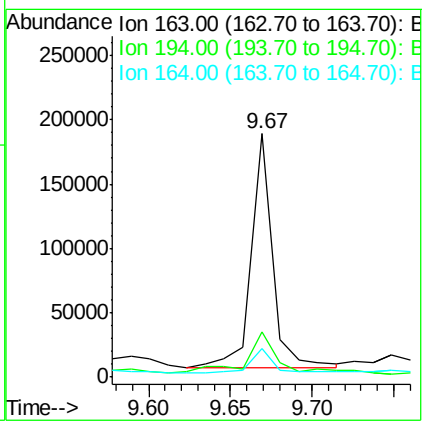
10/5/2015 6:27:14 PM

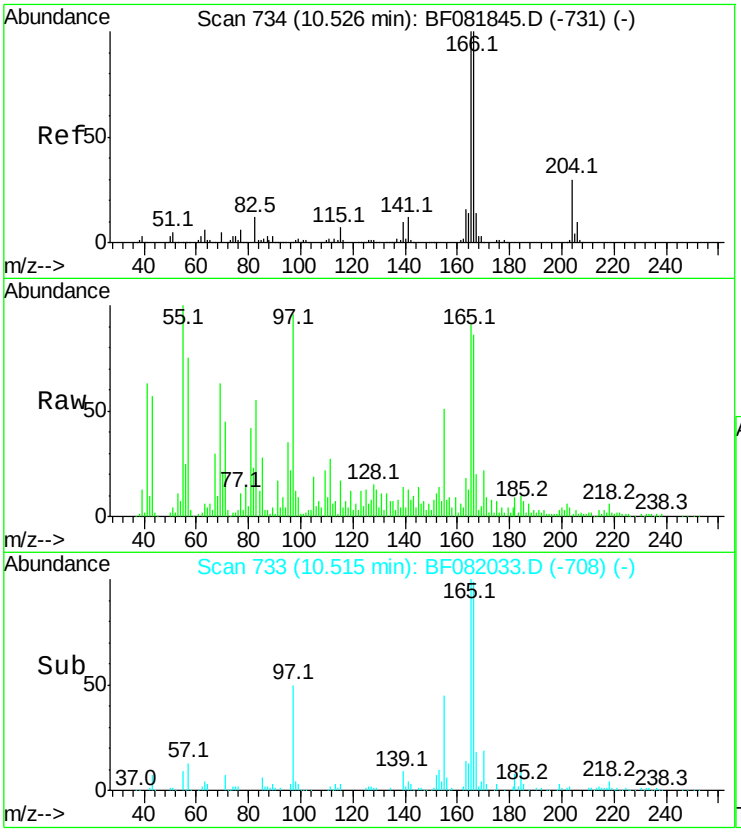


#49
Dimethylphthalate
Concen: 21.67 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:163 Resp: 165746

Ion	Ratio	Lower	Upper
163	100		
194	18.4	4.4	6.6#
164	11.9	8.3	12.5

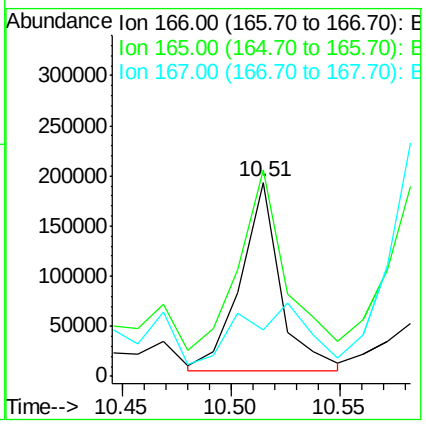




#57
Fluorene
Concen: 36.83 ng m
RT: 10.51 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

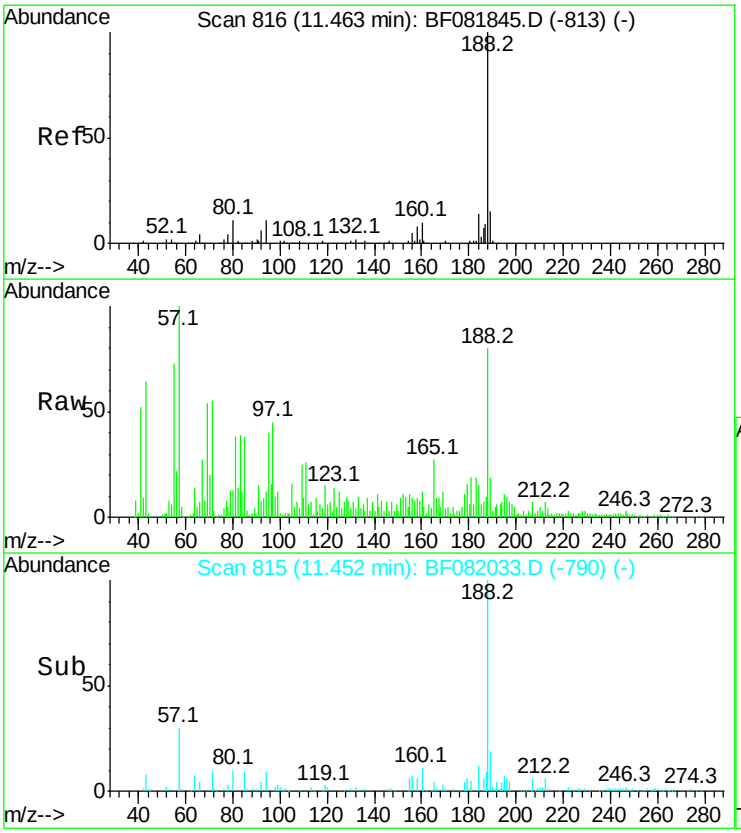
Tgt Ion:166 Resp: 239999

Ion	Ratio	Lower	Upper
166	100		
165	106.1	72.6	109.0
167	23.8	10.6	16.0#



Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

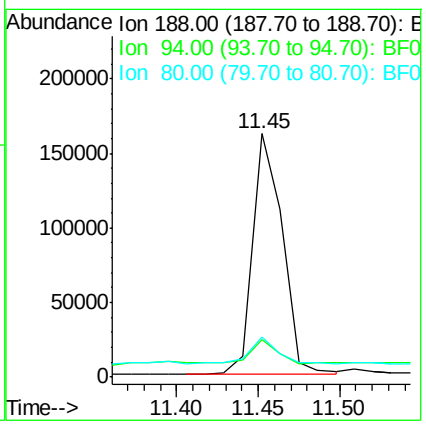
Manual Integrations APPROVED
MMDADODA
10/5/2015 6:27:14 PM

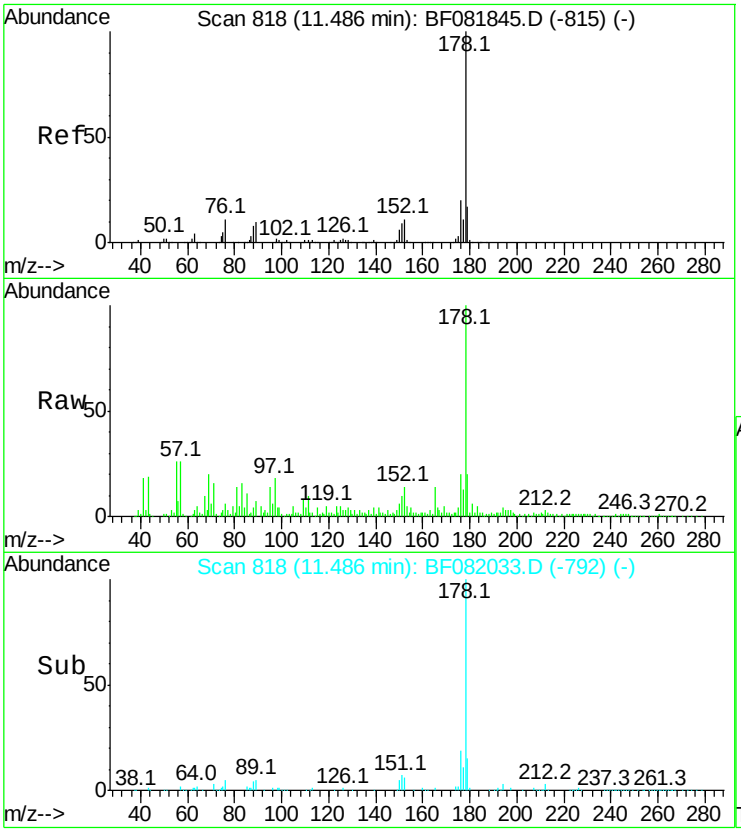


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:188 Resp: 203834

Ion	Ratio	Lower	Upper
188	100		
94	15.5	11.1	16.7
80	16.6	11.0	16.4#

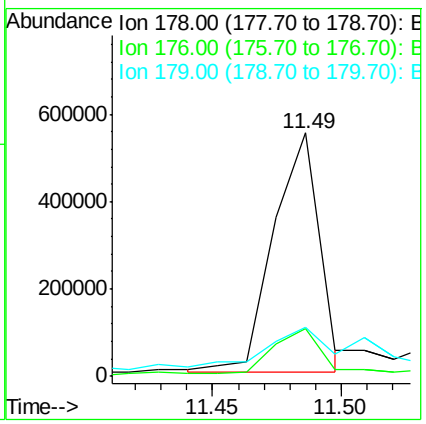




#70
Phenanthrene
Concen: 69.78 ng m
RT: 11.49 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:178 Resp: 675524

Ion	Ratio	Lower	Upper
178	100		
176	19.6	13.8	20.8
179	20.1	12.2	18.2#



Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

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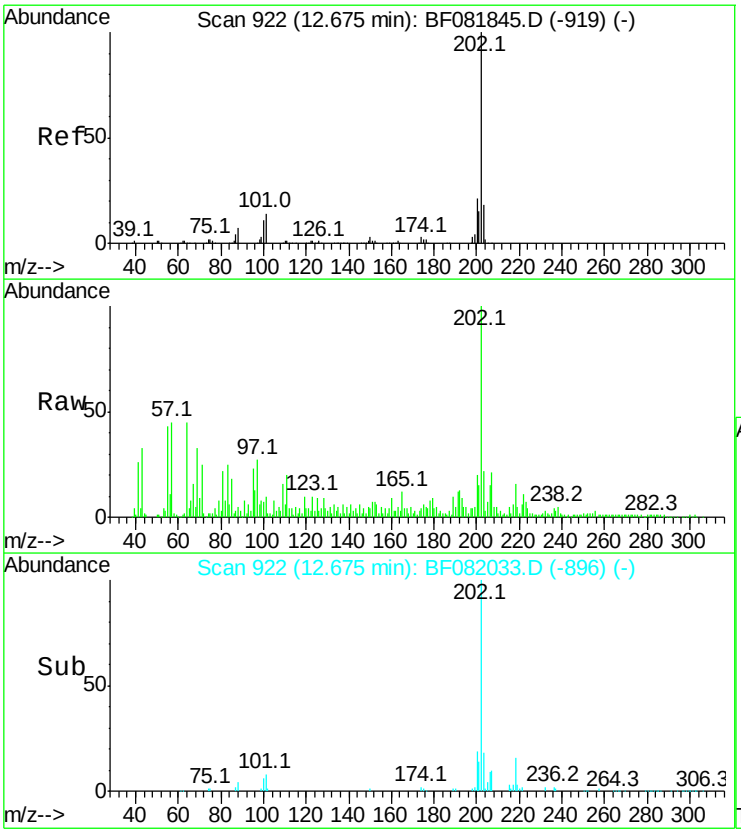
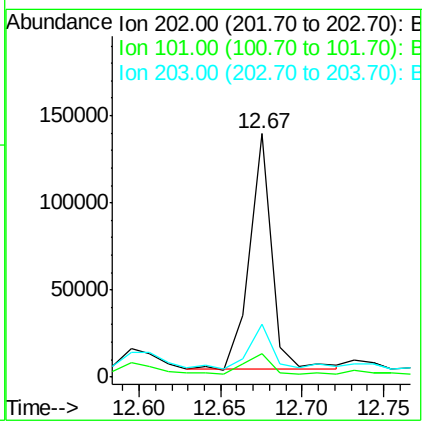
10/5/2015 6:27:14 PM

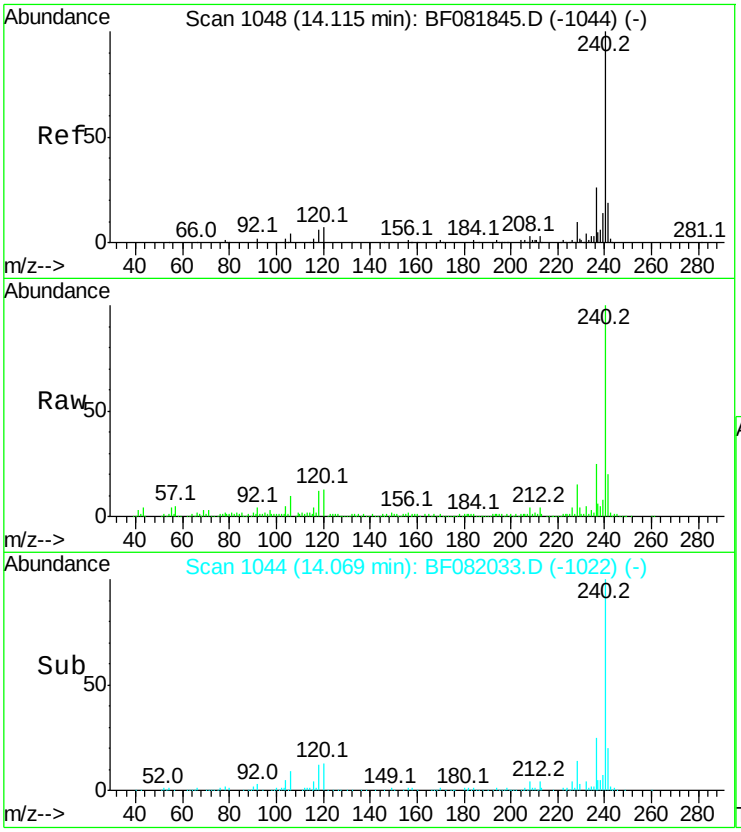


#74
Fluoranthene
Concen: 11.60 ng
RT: 12.67 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:202 Resp: 126666

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	38.3
203	21.6	0.0	37.3





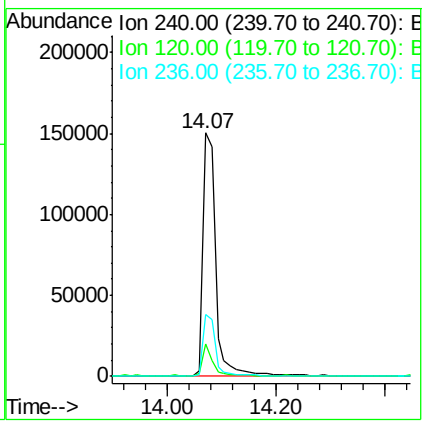
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

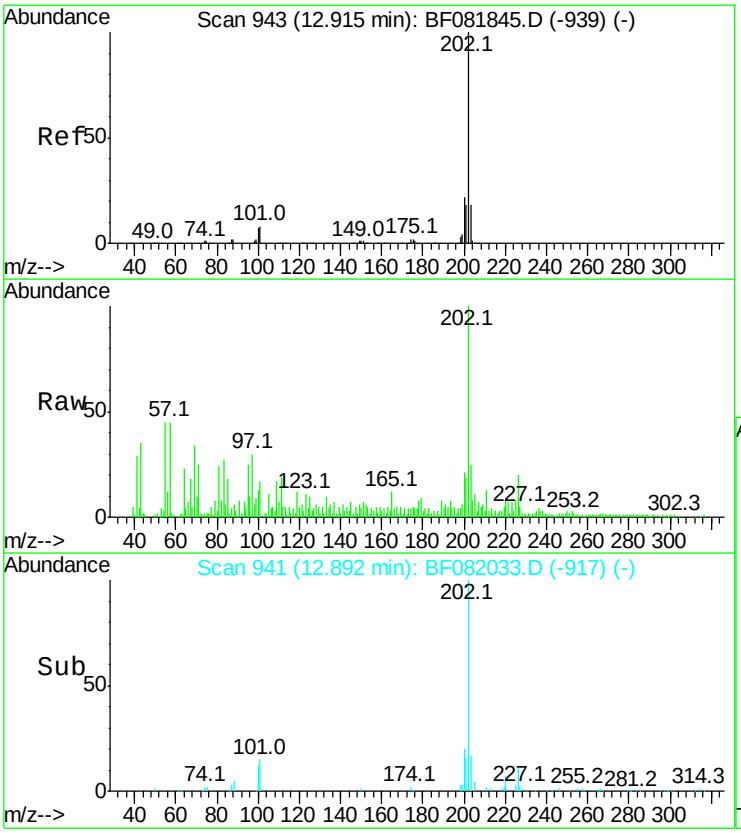
Tgt Ion:240 Resp: 245930

Ion	Ratio	Lower	Upper
240	100		
120	13.3	16.2	24.2#
236	25.4	18.4	27.6

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:27:14 PM

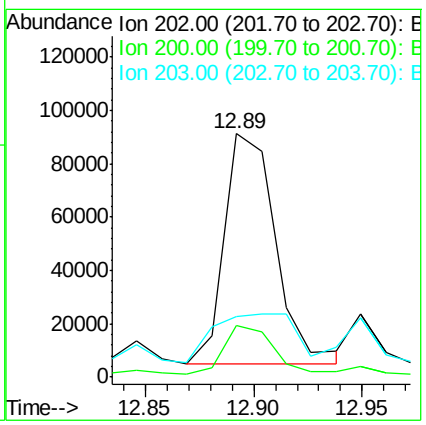


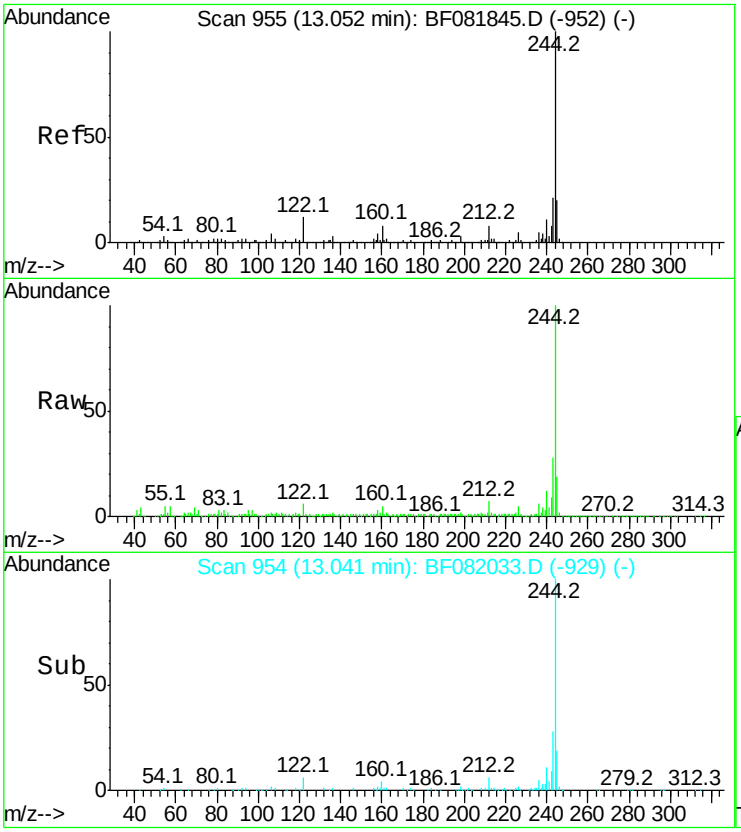


#77
Pyrene
Concen: 9.68 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:202 Resp: 142212

Ion	Ratio	Lower	Upper
202	100		
200	21.3	15.0	22.4
203	25.1	14.1	21.1#

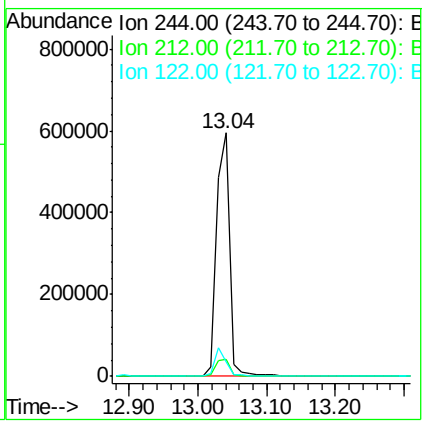




#78
Terphenyl-d14
Concen: 117.29 ng
RT: 13.04 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:244 Resp: 801788

Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	6.2	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

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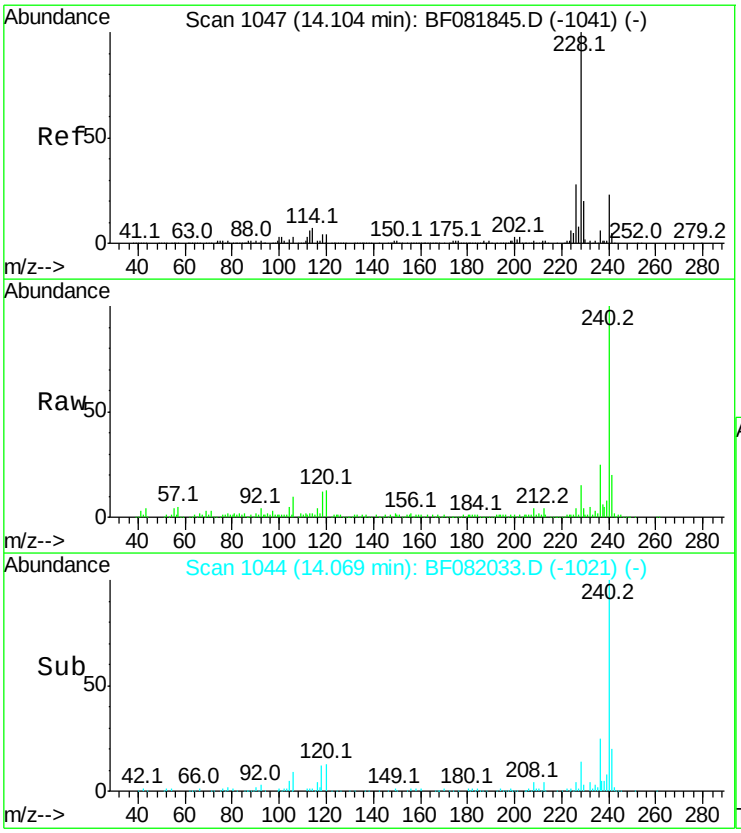
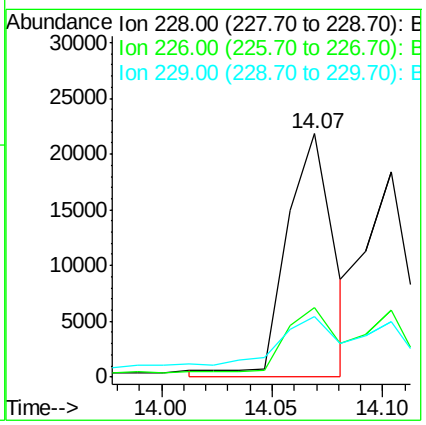
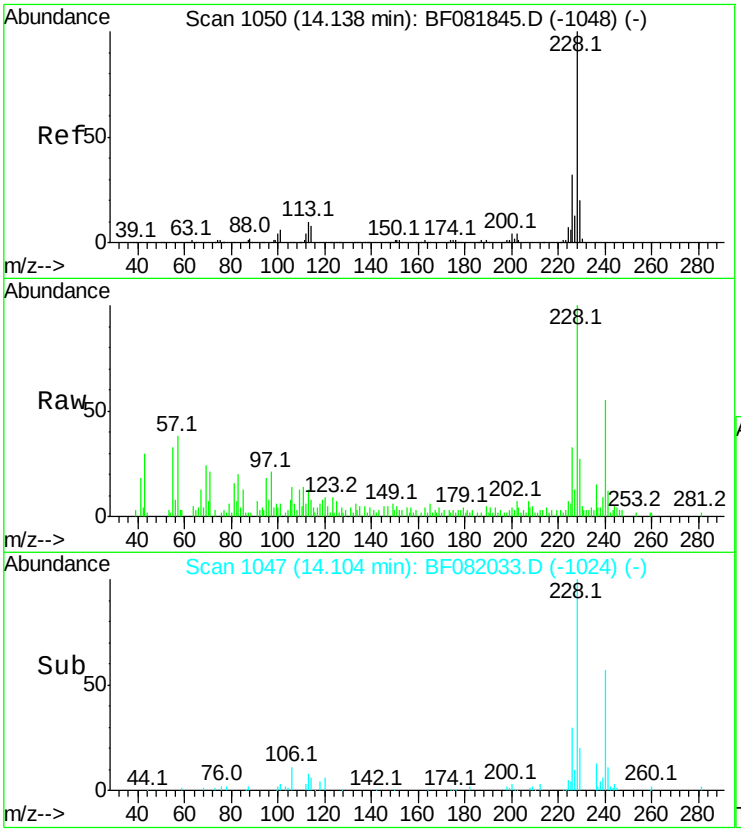


#80
Benzo(a)anthracene
Concen: 2.46 ng m
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:228 Resp: 32552

Ion	Ratio	Lower	Upper
228	100		
226	28.7	20.0	30.0
229	25.1	15.4	23.2#





#82
Chrysene
Concen: 2.48 ng m
RT: 14.10 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

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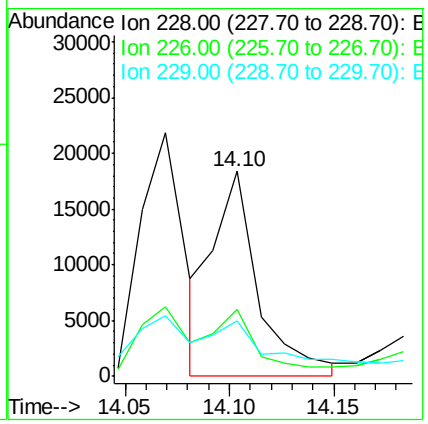
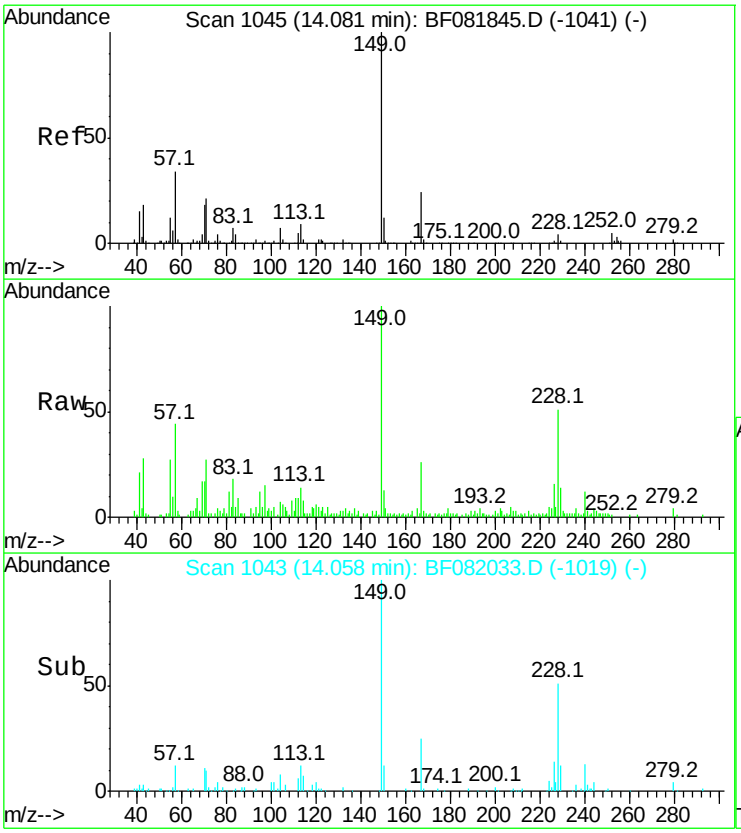
Tgt Ion:228 Resp: 28018

Ion	Ratio	Lower	Upper
228	100		
226	32.8	21.0	31.4#
229	27.0	15.6	23.4#

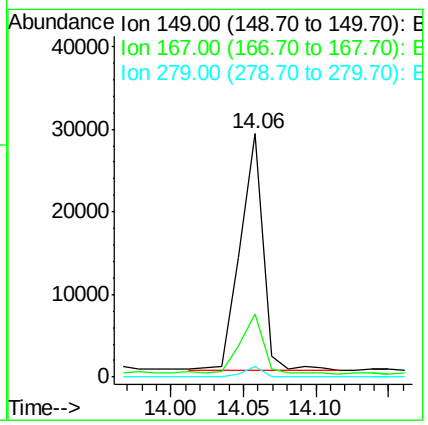


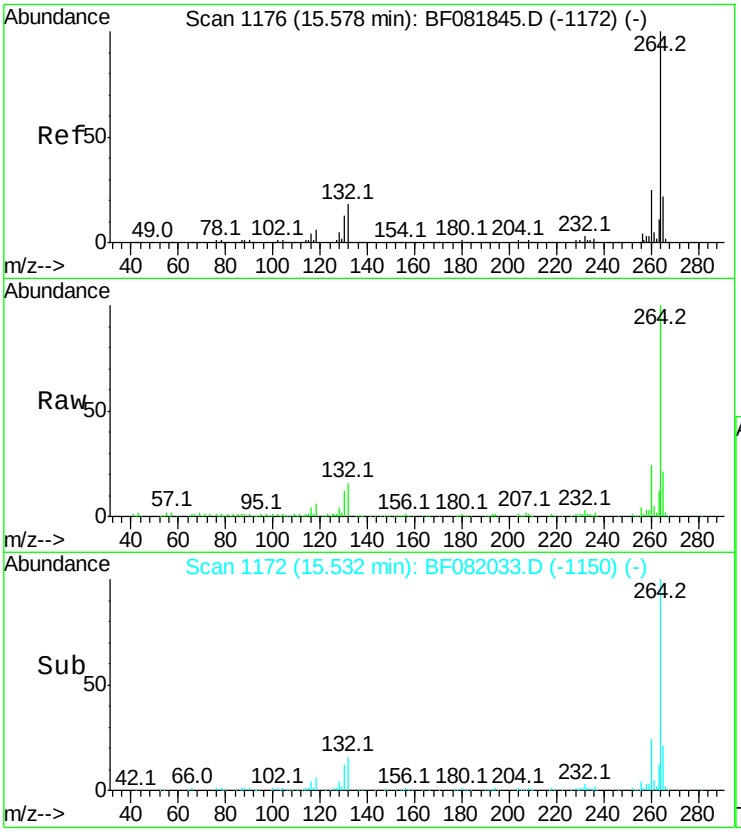


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.55 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:149 Resp: 31570

Ion	Ratio	Lower	Upper
149	100		
167	25.9	24.2	36.2
279	4.3	3.8	5.6

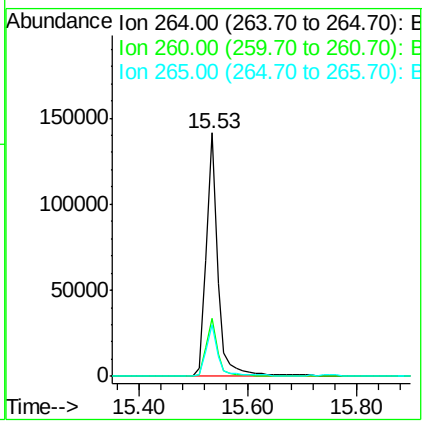




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:264 Resp: 213605

Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.2	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

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