Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081374.D
Acq On : 3 Sep 2015 4:28
Operator : UM/IZ
Sample : G3497-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Manual Integrations APPROVED
MMDadoda
9/3/2015 1:45:46 PM

Quant Time: Sep 03 04:58:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	60341	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	230847	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	102059	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	175068	20.00	ng		0.00
75) Chrysene-d12	13.49	240	109829	20.00	ng		-0.01
86) Perylene-d12	14.80	264	85208	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	595731	153.18	ng		0.03
7) Phenol-d6	6.07	99	728123	141.44	ng		0.01
23) Nitrobenzene-d5	6.97	82	532816	111.36	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	129433	142.43	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	818792	102.81	ng		0.00
78) Terphenyl-d14	12.47	244	473302	100.32	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.70	128	39018	3.17	ng		98
37) 2-Methylnaphthalene	8.39	142	33574	4.19	ng	#	90
49) Dimethylphthalate	9.16	163	120436	15.19	ng	#	97
70) Phenanthrene	10.90	178	40066	4.12	ng		97
74) Fluoranthene	12.08	202	36567	3.47	ng		88
77) Pyrene	12.30	202	29255m	3.60	ng		
80) Benzo(a)anthracene	13.49	228	14433m	2.06	ng		
82) Chrysene	13.52	228	15910m	2.54	ng		
91) Benzo(g,h,i)perylene	16.21	276	7832	2.06	ng	#	78

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

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Instrument :
BNA_F
ClientSampleId :
B4

Manual Integrations APPROVED
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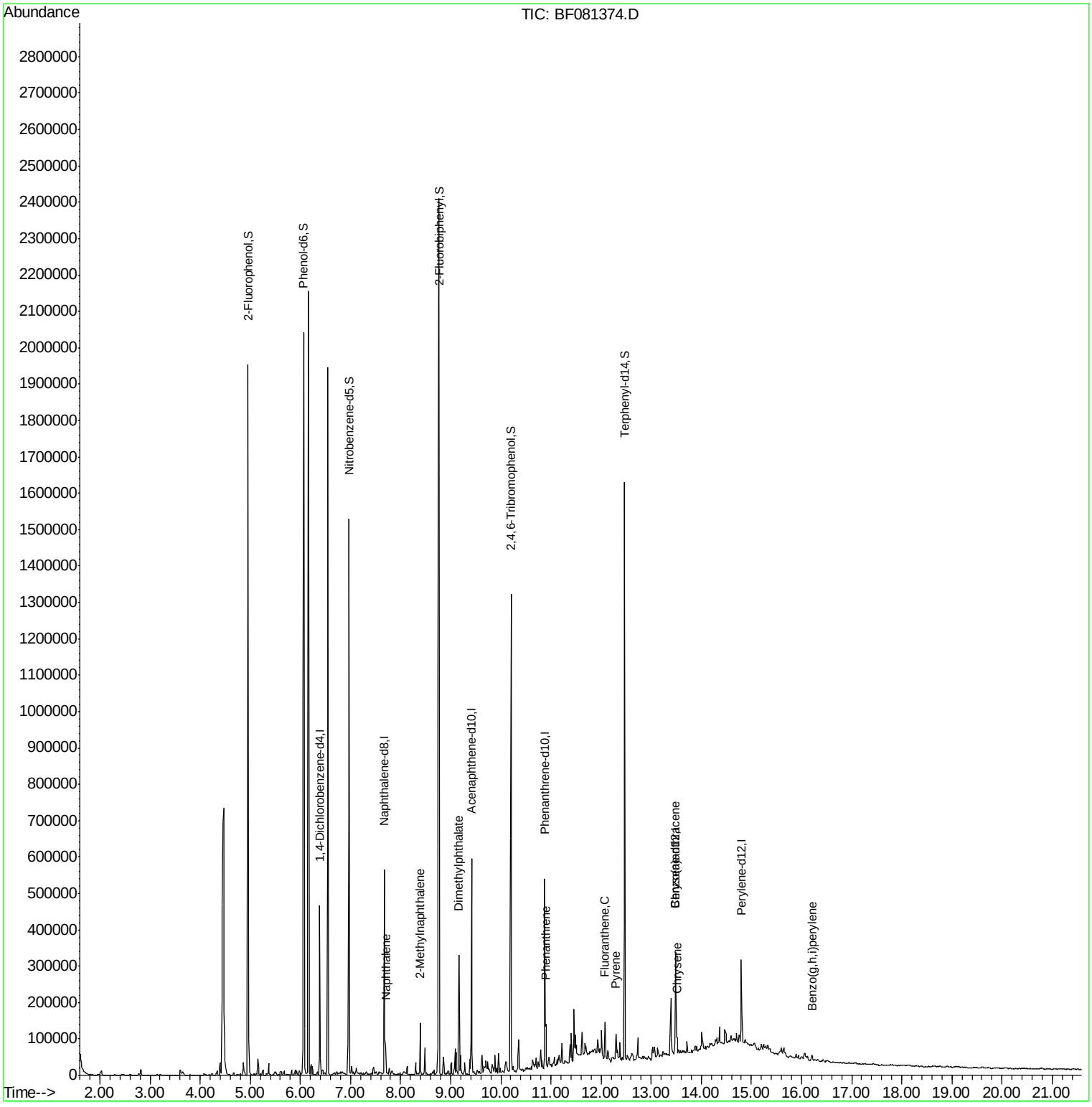
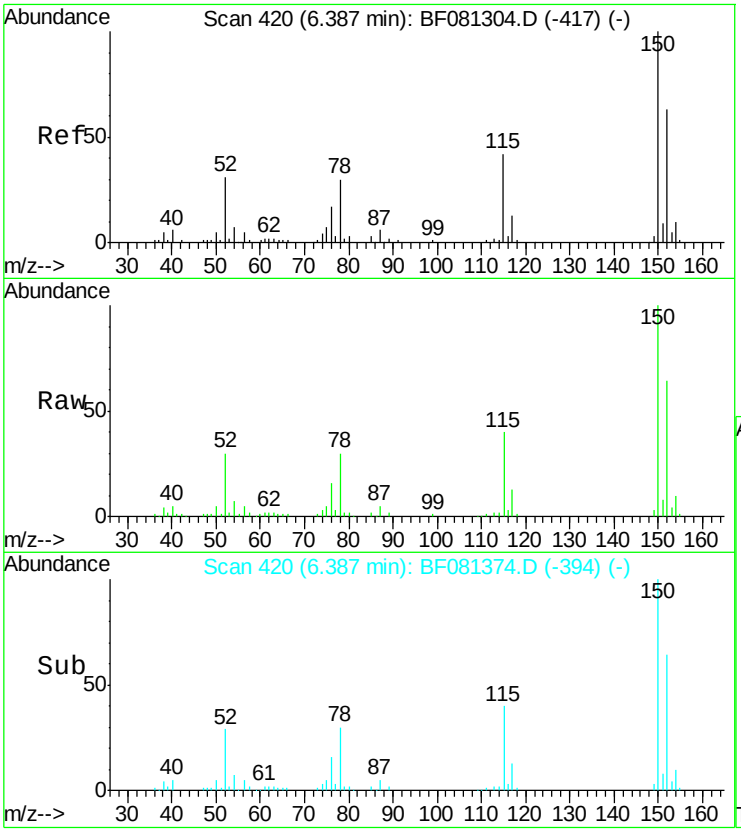
9/3/2015 1:45:46 PM

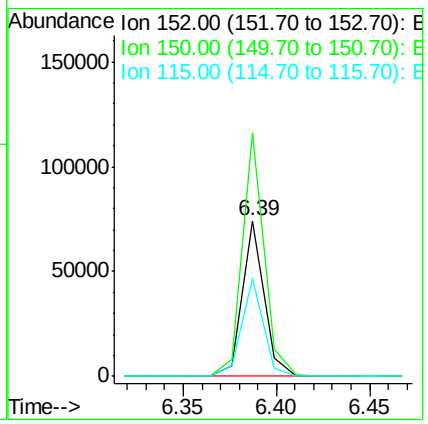




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:152 Resp: 60341

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.7	187.1
115	62.7	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
B4

Manual Integrations APPROVED
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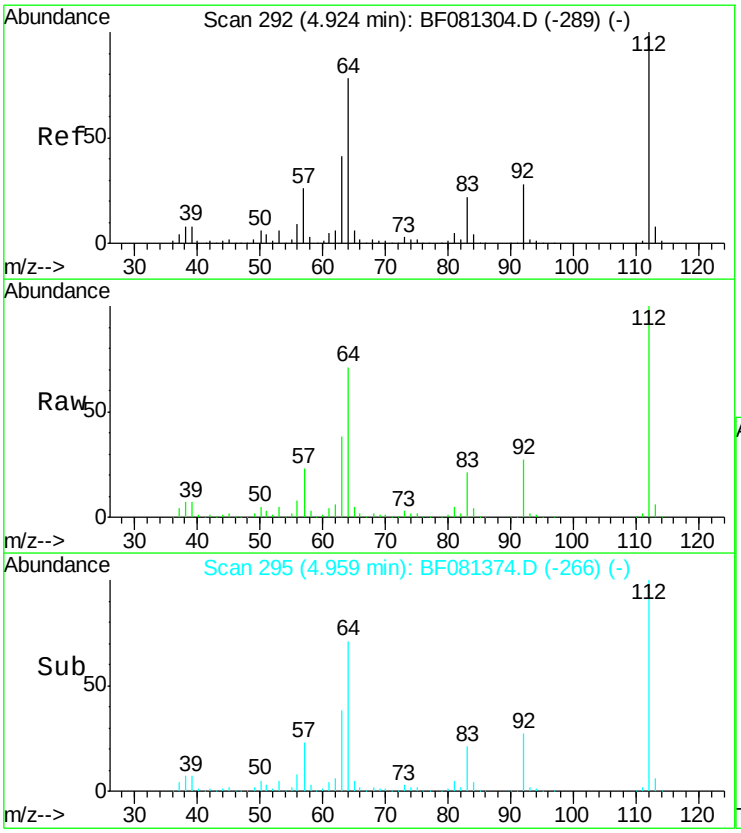
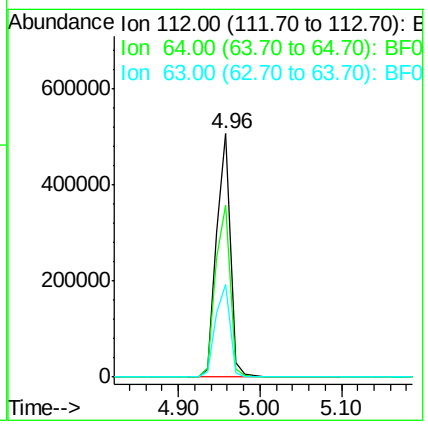
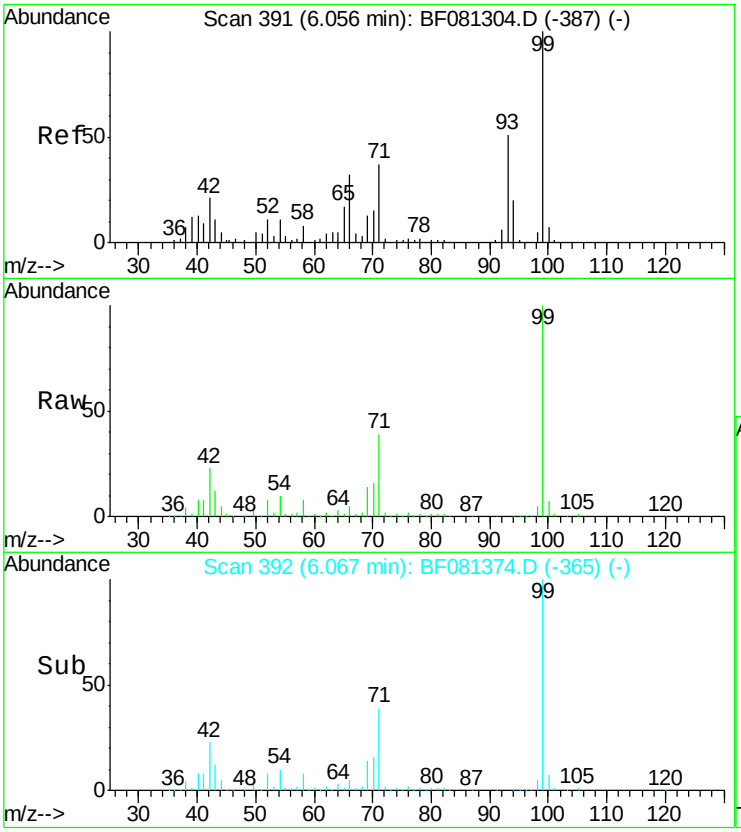


#5
2-Fluorophenol
Concen: 153.18 ng
RT: 4.96 min Scan# 295
Delta R.T. 0.03 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:112 Resp: 595731

Ion	Ratio	Lower	Upper
112	100		
64	70.6	39.7	59.5#
63	37.8	17.4	26.0#

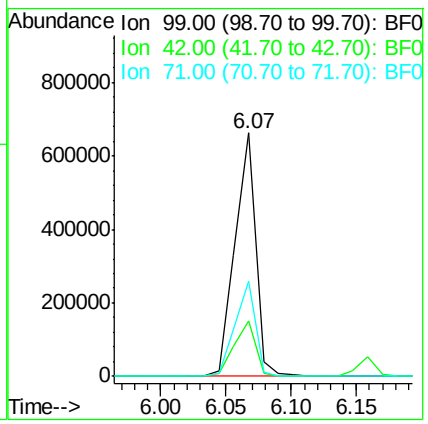




#7
Phenol-d6
Concen: 141.44 ng
RT: 6.07 min Scan# 392
Delta R.T. 0.01 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion: 99 Resp: 728123

Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.7	20.5#
71	38.8	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
B4

Manual Integrations APPROVED
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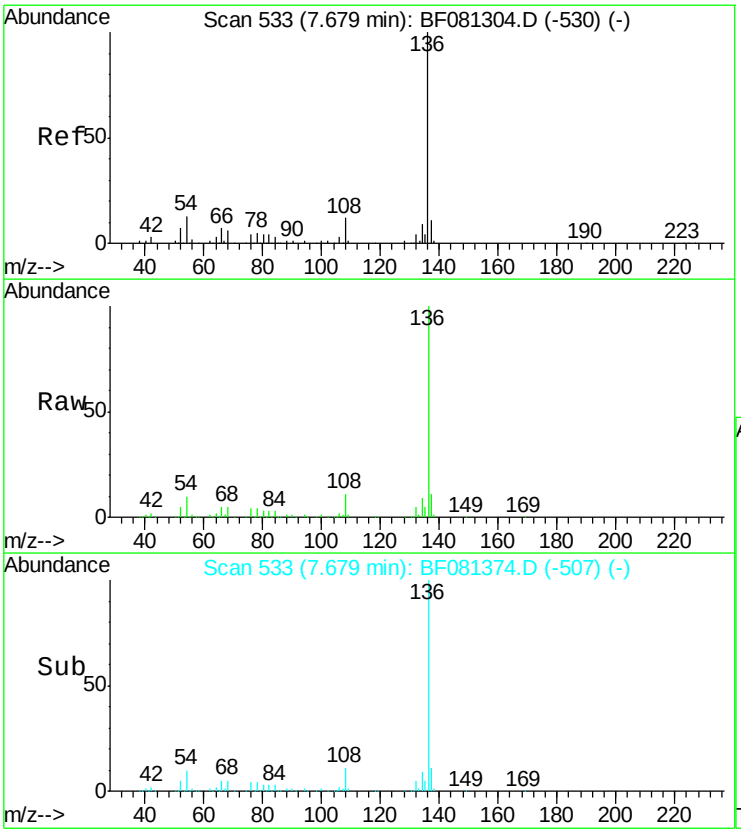
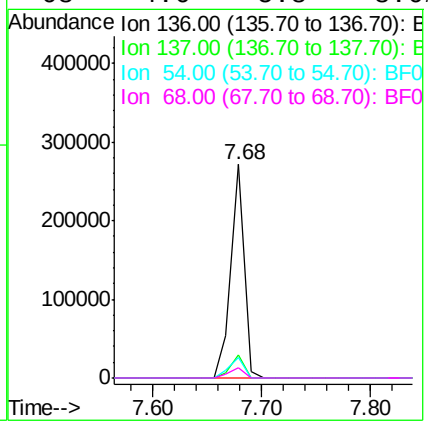
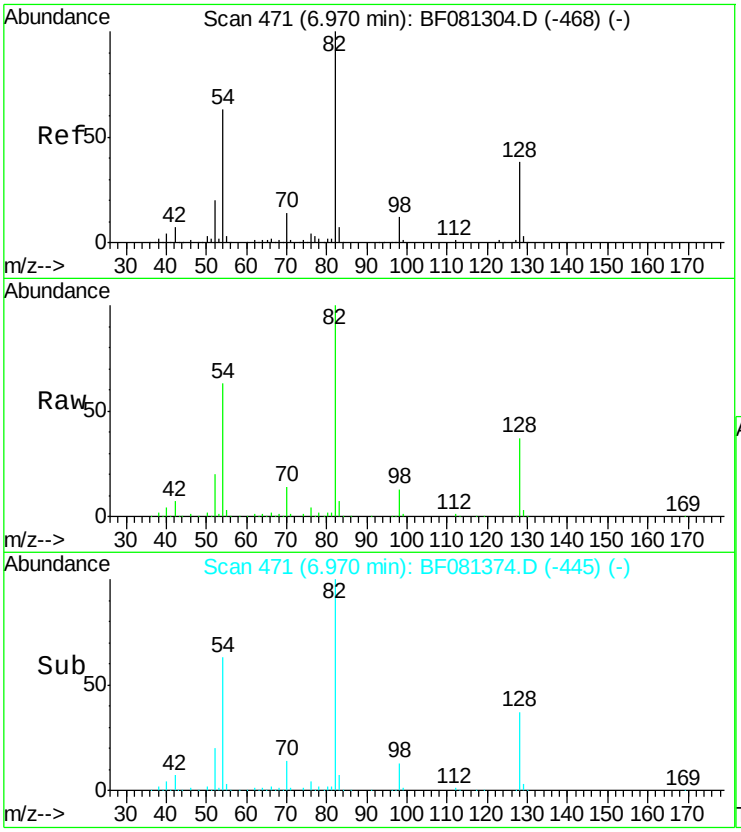


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:136 Resp: 230847

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	9.6	8.2	12.2
68	4.6	5.8	8.6#

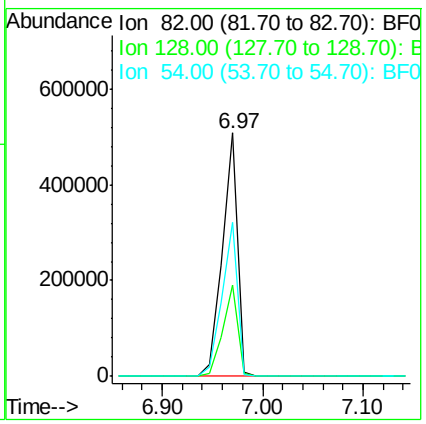




#23
Nitrobenzene-d5
Concen: 111.36 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion: 82 Resp: 532816

Ion	Ratio	Lower	Upper
82	100		
128	37.4	51.0	76.6#
54	63.2	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
B4

Manual Integrations APPROVED
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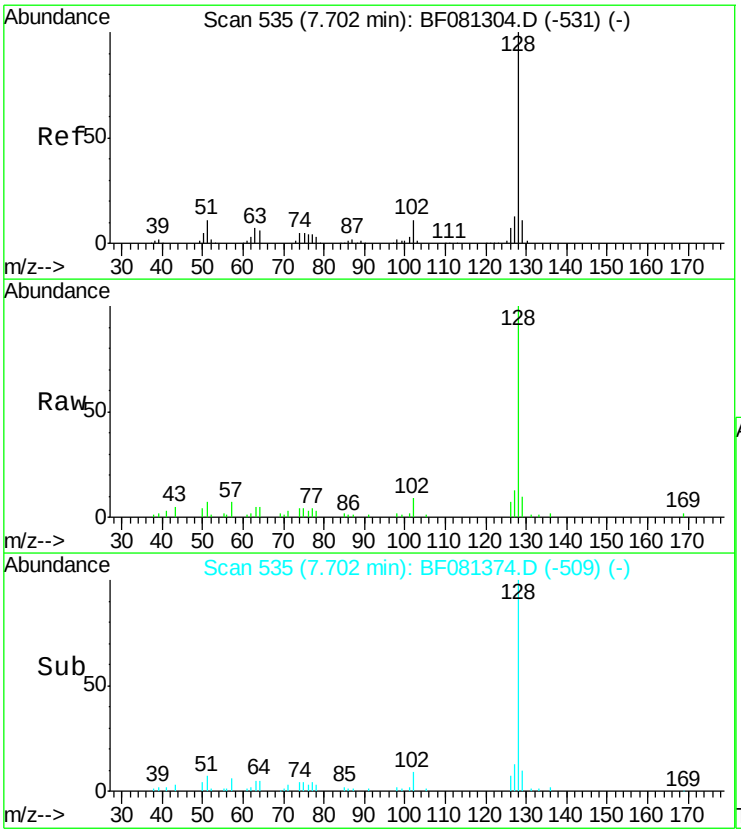
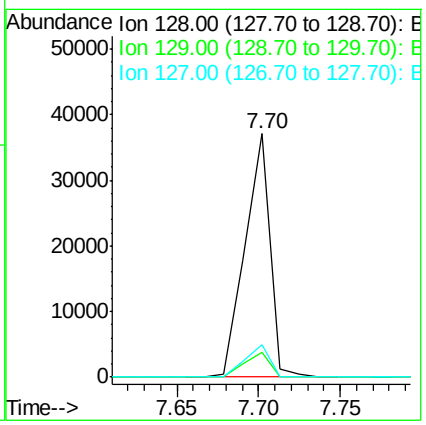
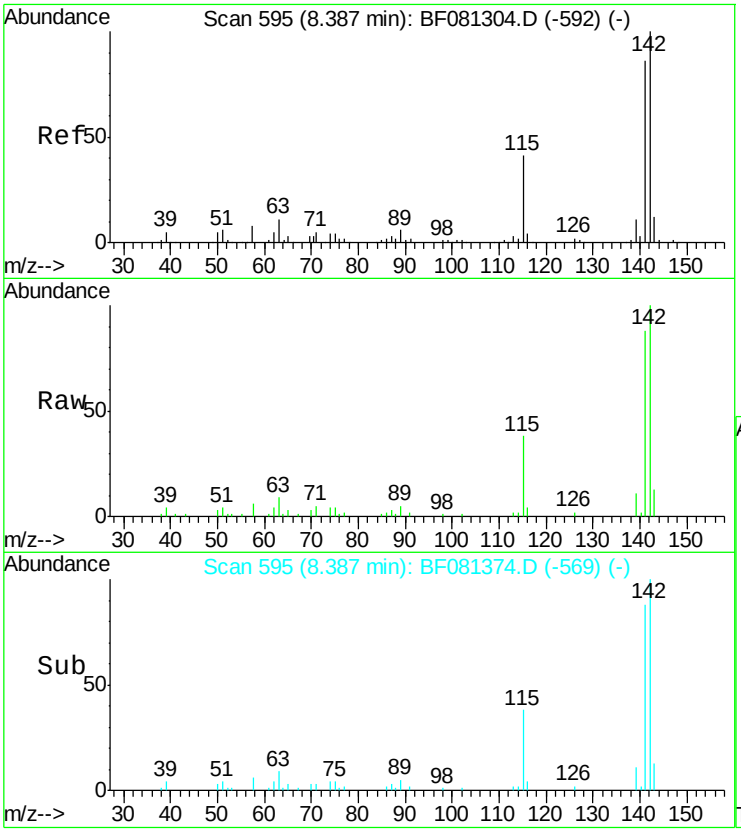


#31
Naphthalene
Concen: 3.17 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:128 Resp: 39018

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.4	12.6
127	13.2	9.9	14.9

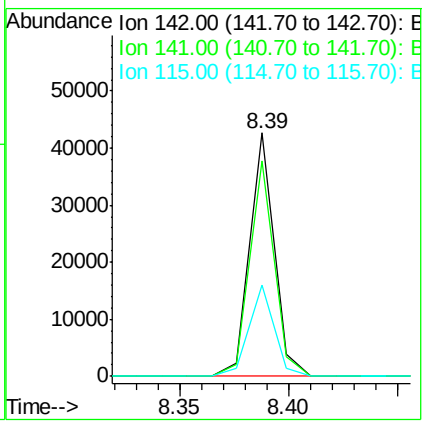




#37
2-Methylnaphthalene
Concen: 4.19 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:142 Resp: 33574

Ion	Ratio	Lower	Upper
142	100		
141	88.3	67.5	101.3
115	37.7	18.2	27.2#



Instrument :
BNA_F
ClientSampleId :
B4

Manual Integrations APPROVED
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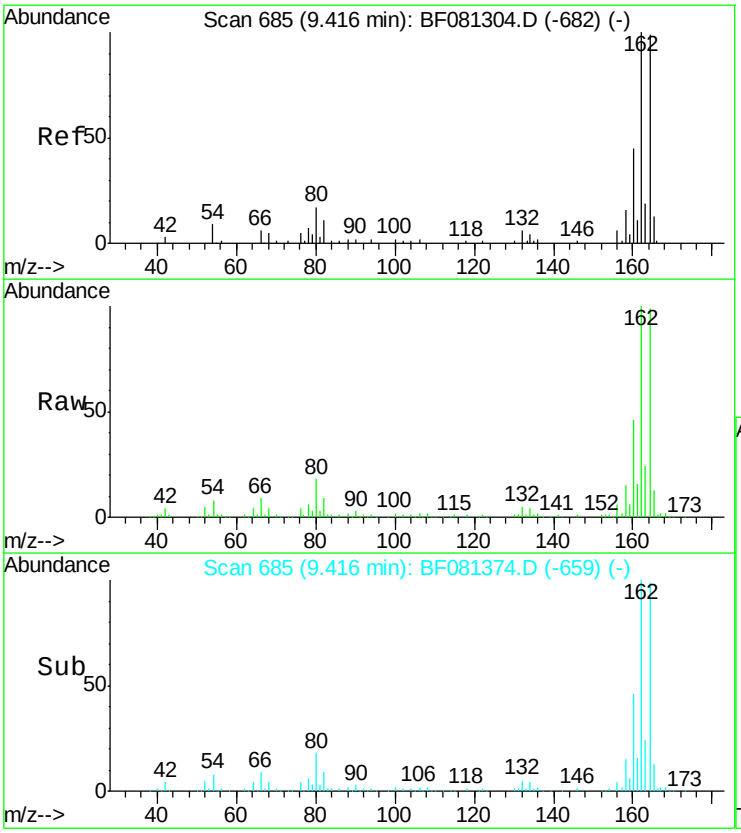
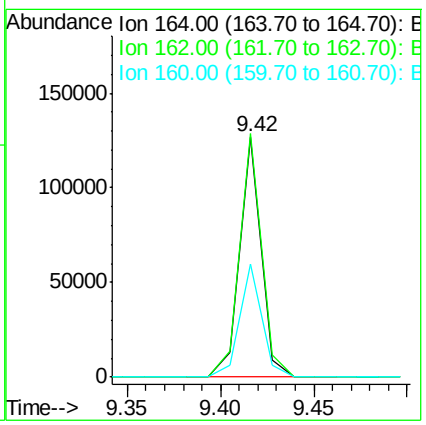
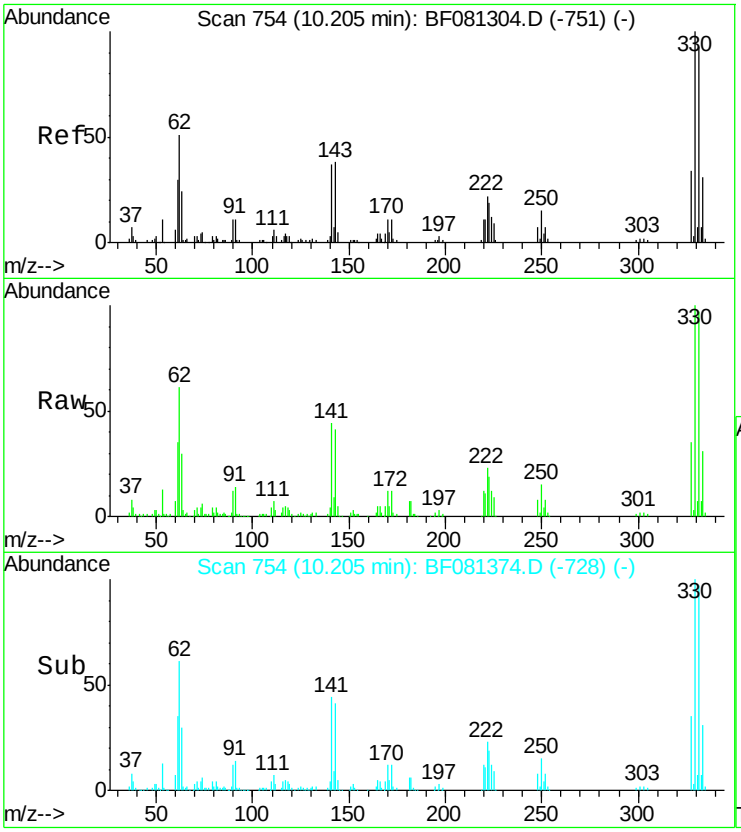


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:164 Resp: 102059

Ion	Ratio	Lower	Upper
164	100		
162	101.4	75.2	112.8
160	47.1	31.5	47.3

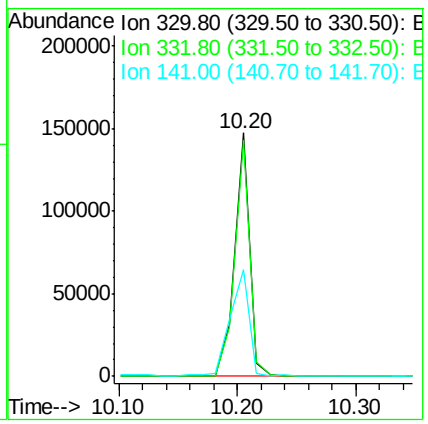




#41
2,4,6-Tribromophenol
Concen: 142.43 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:330 Resp: 129433

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	56.6	29.7	44.5#



Instrument :
BNA_F
ClientSampleId :
B4

Manual Integrations APPROVED
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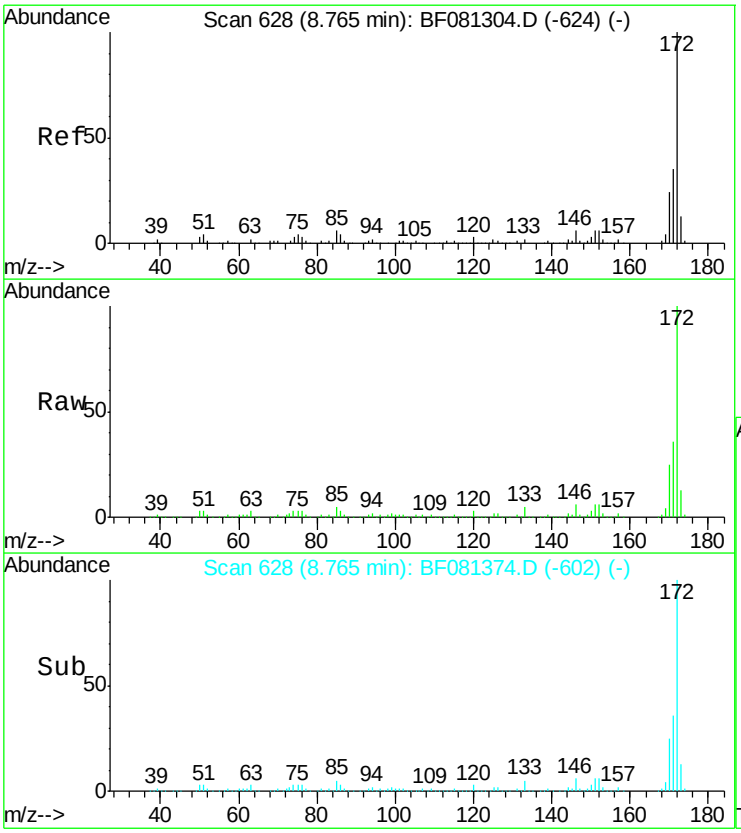
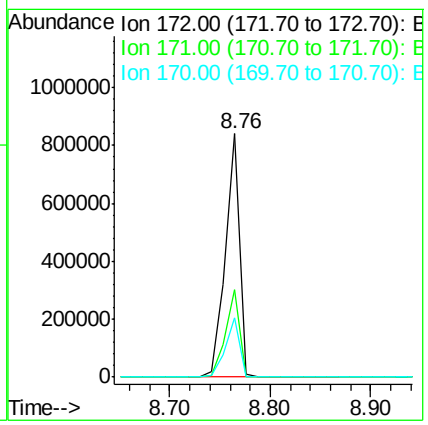
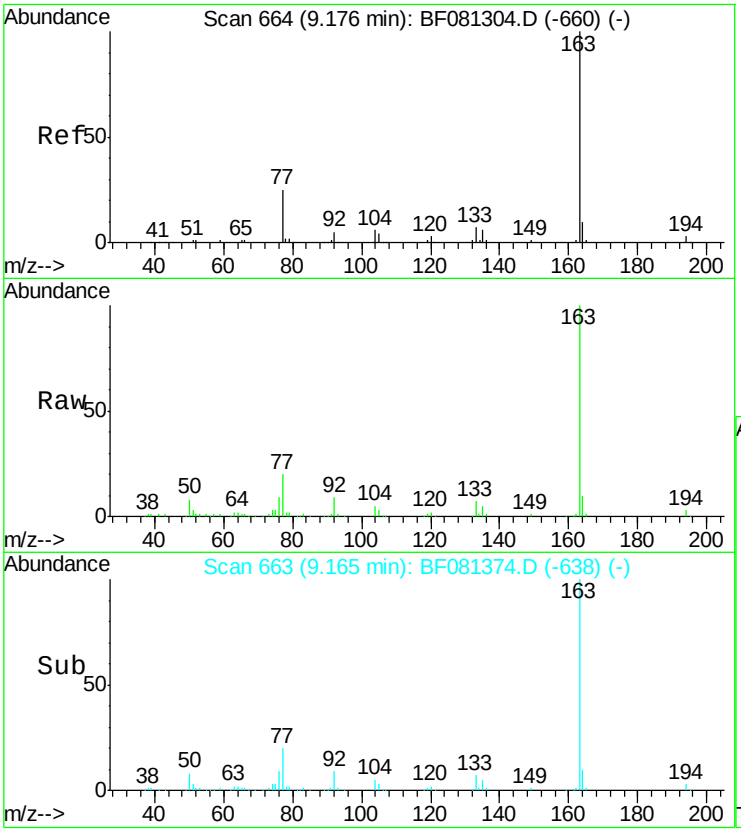


#44
2-Fluorobiphenyl
Concen: 102.81 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:172 Resp: 818792

Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	24.6	17.4	26.2

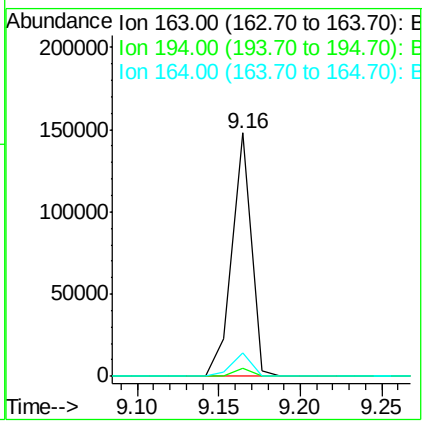




#49
Dimethylphthalate
Concen: 15.19 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:163 Resp: 120436

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	9.9	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
B4

Manual Integrations APPROVED
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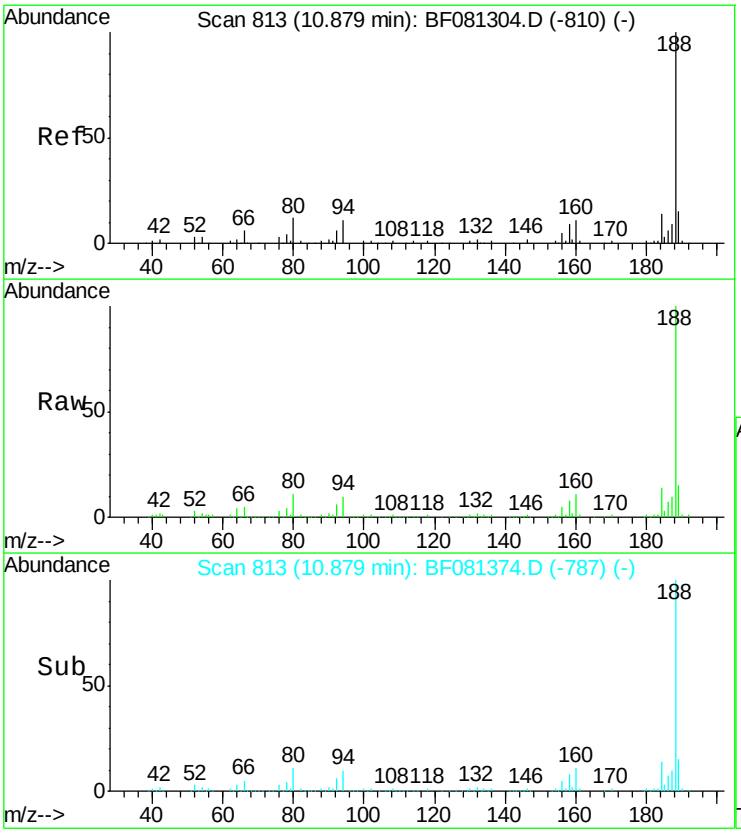
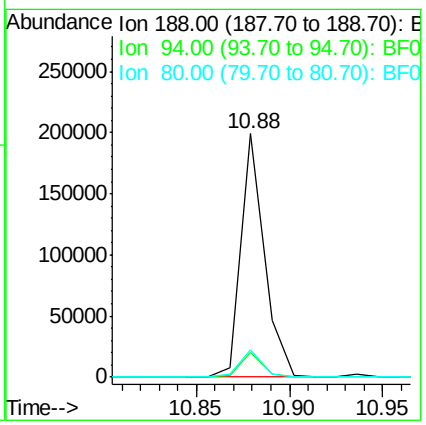
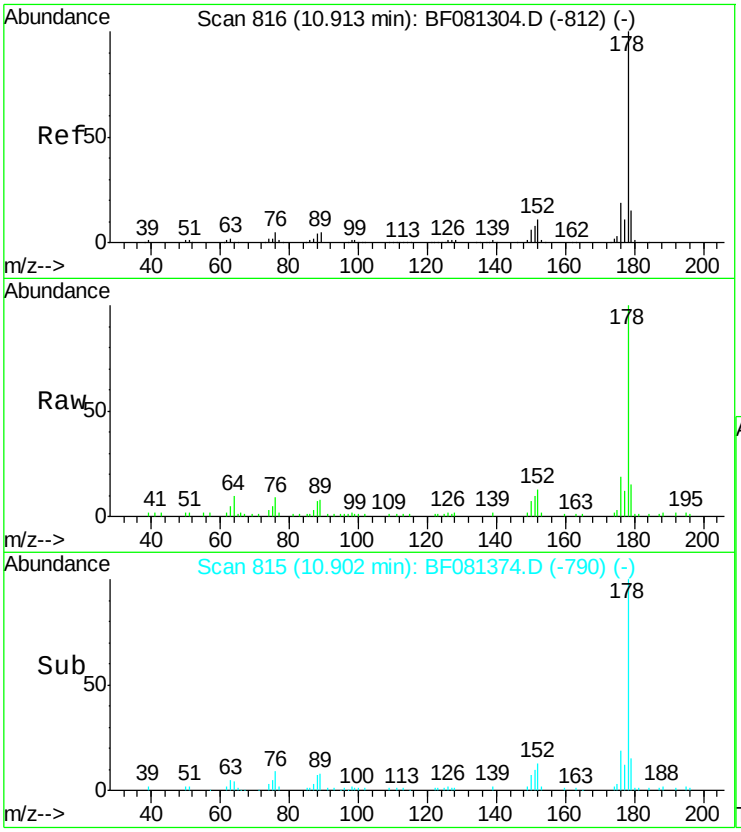


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:188 Resp: 175068

Ion	Ratio	Lower	Upper
188	100		
94	9.9	11.1	16.7#
80	11.5	11.0	16.4

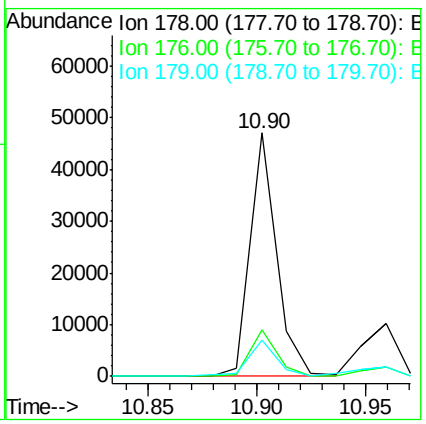




#70
Phenanthrene
Concen: 4.12 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:178 Resp: 40066

Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	14.9	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
B4

Manual Integrations APPROVED
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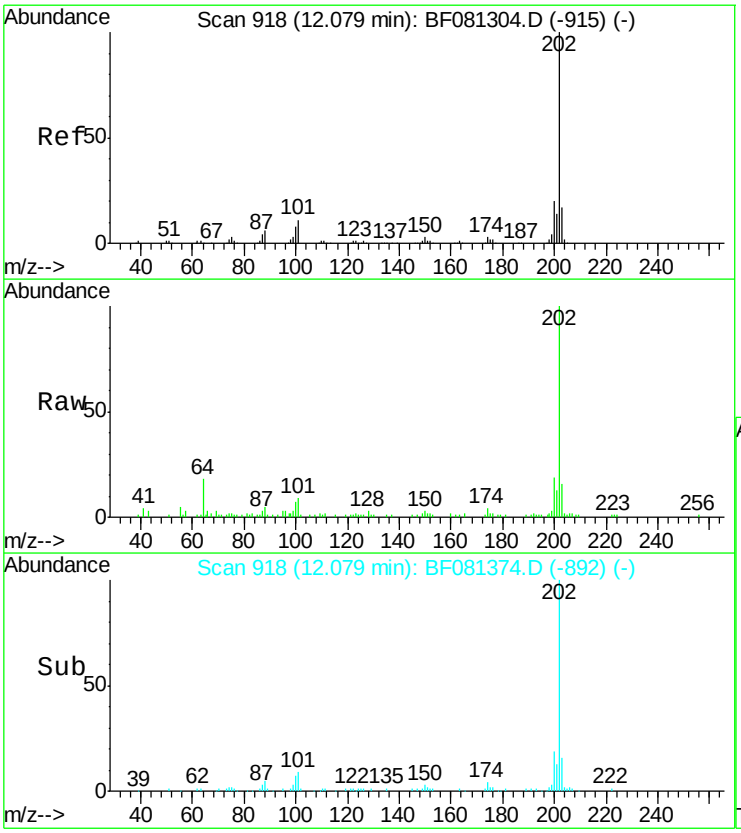
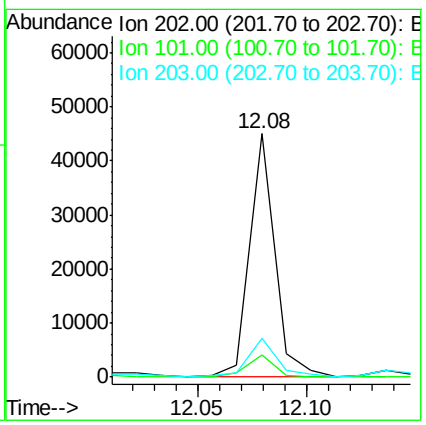
9/3/2015 1:45:46 PM

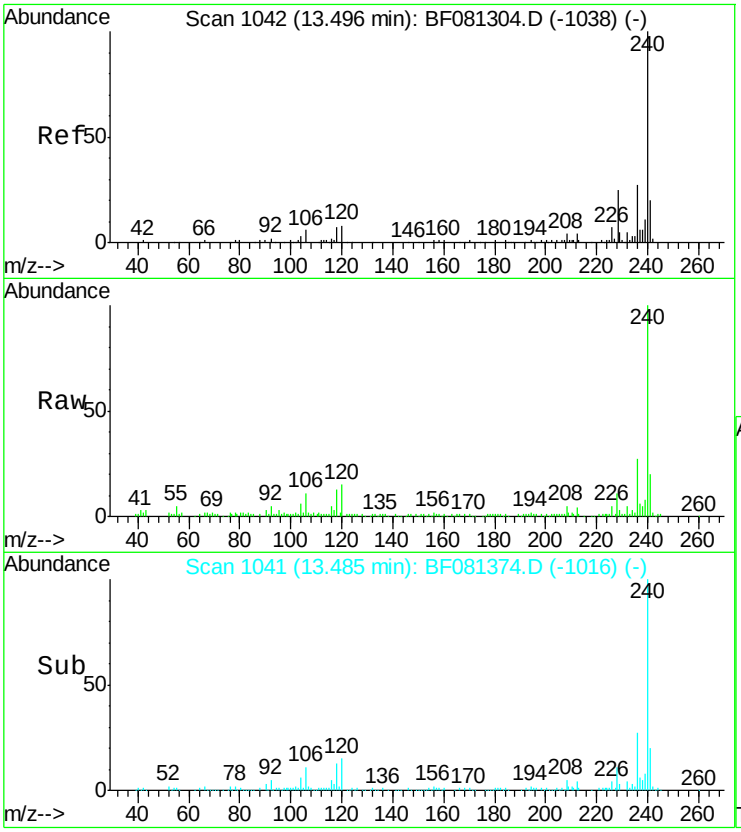


#74
Fluoranthene
Concen: 3.47 ng
RT: 12.08 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:202 Resp: 36567

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	38.3
203	16.2	0.0	37.3





#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:240 Resp: 109829

Ion	Ratio	Lower	Upper
240	100		
120	14.6	16.2	24.2#
236	27.3	18.4	27.6

Instrument :
BNA_F
ClientSampleId :
B4

Manual Integrations APPROVED
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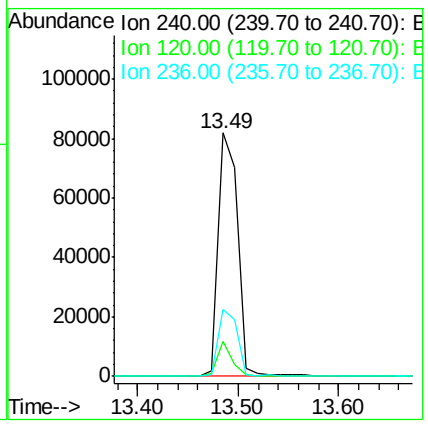
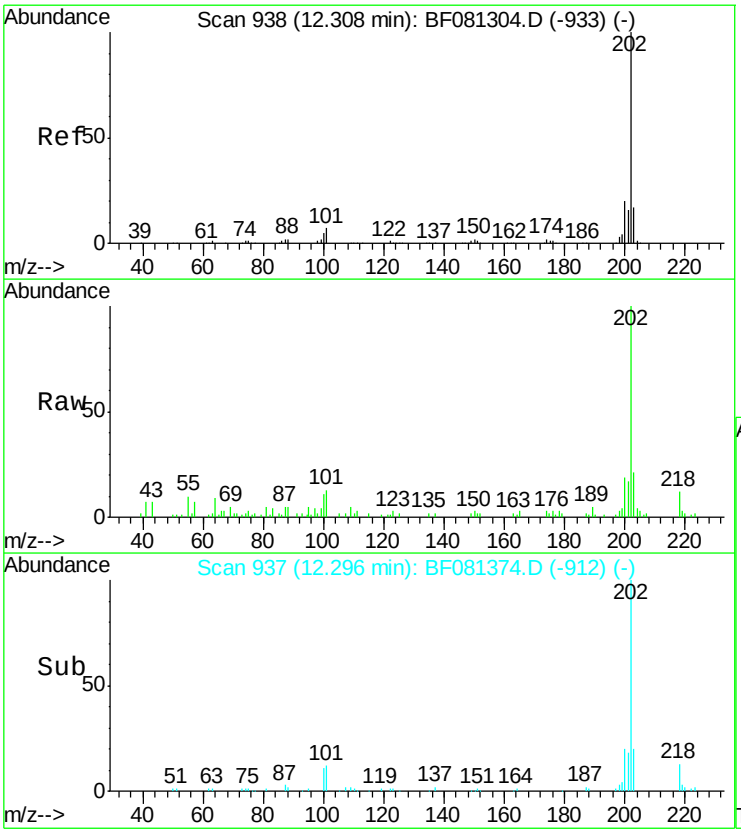
9/3/2015 1:45:46 PM

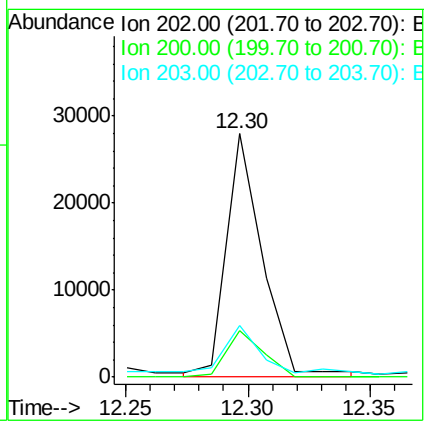


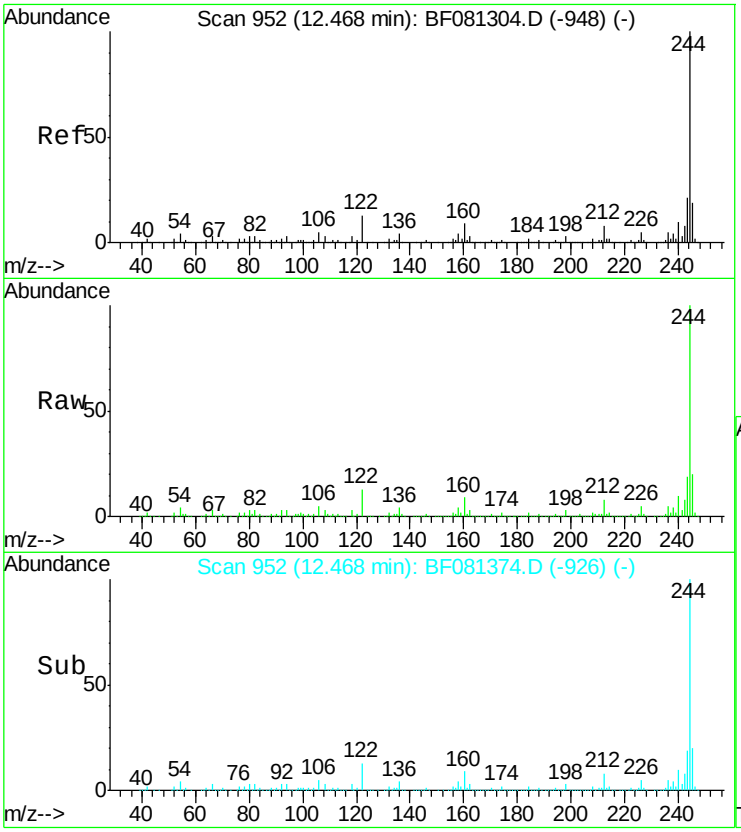


#77
Pyrene
Concen: 3.60 ng m
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:202 Resp: 29255

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.0	22.4
203	21.2	14.1	21.1#

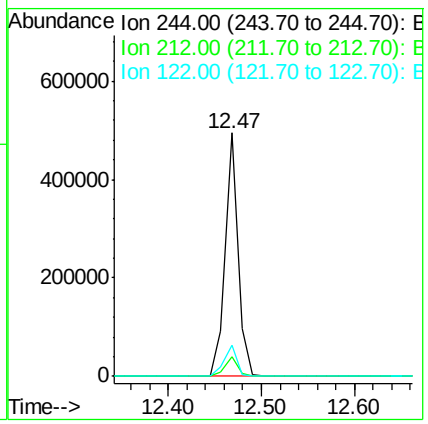




#78
Terphenyl-d14
Concen: 100.32 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:244 Resp: 473302

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	12.8	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
B4

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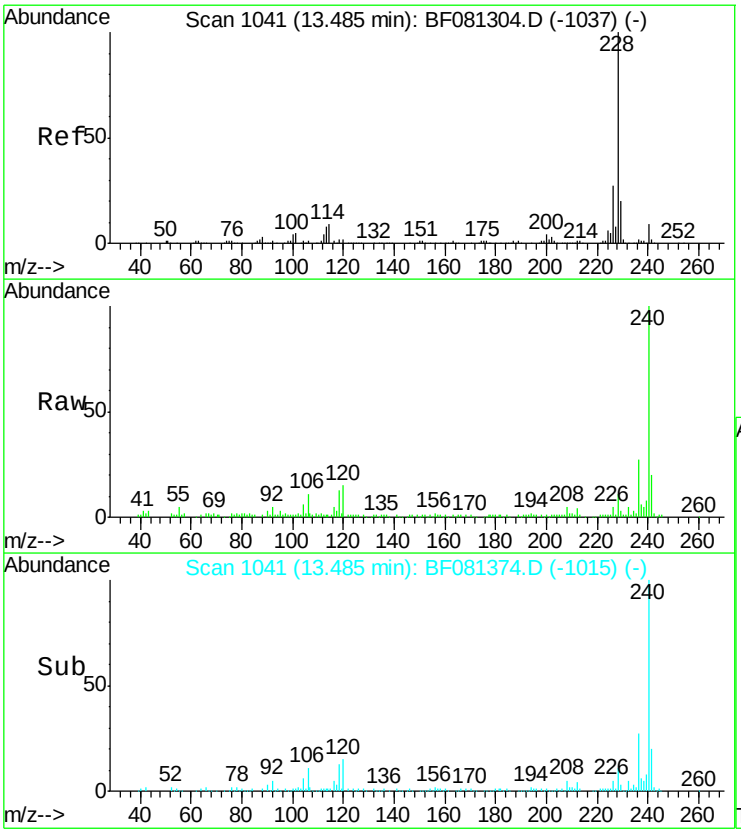
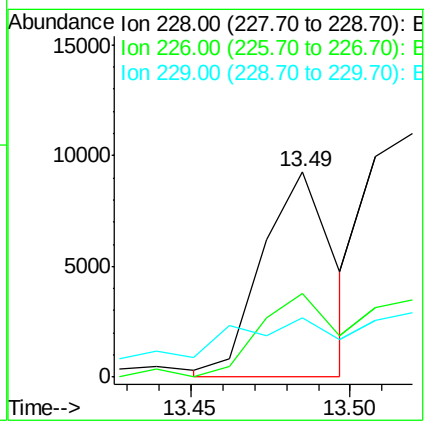
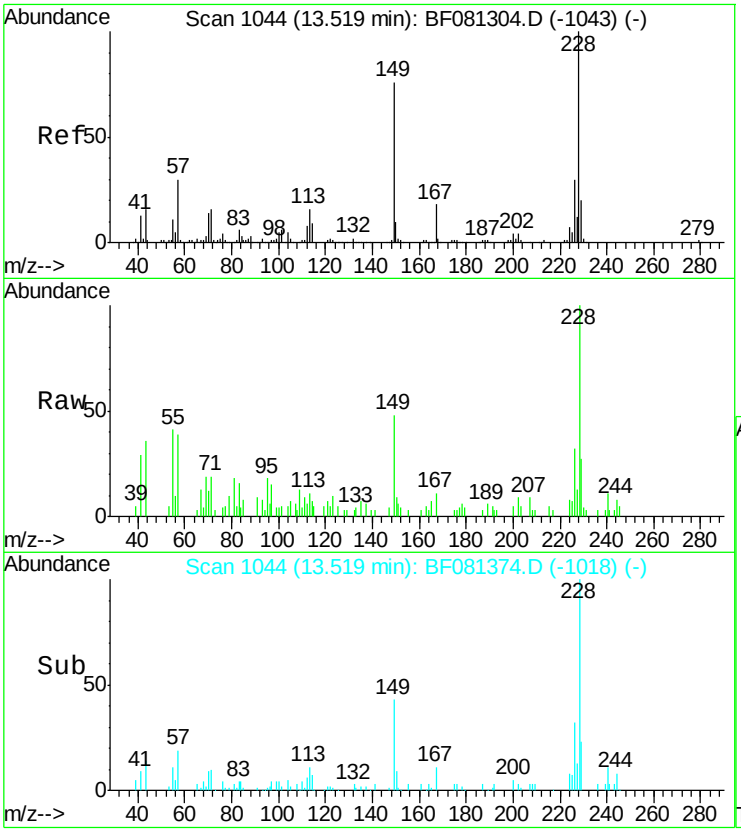


#80
Benzo(a)anthracene
Concen: 2.06 ng m
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:228 Resp: 14433

Ion	Ratio	Lower	Upper
228	100		
226	40.6	20.0	30.0#
229	28.9	15.4	23.2#





#82
Chrysene
Concen: 2.54 ng m
RT: 13.52 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:228 Resp: 15910

Ion	Ratio	Lower	Upper
228	100		
226	31.7	21.0	31.4#
229	26.7	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
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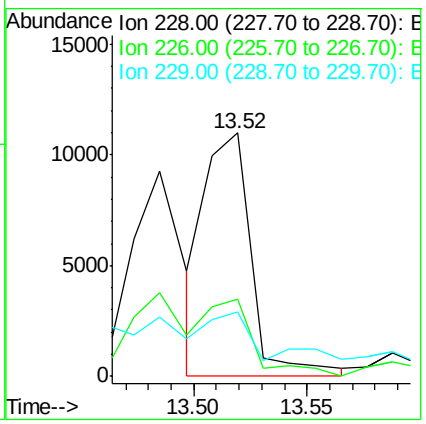
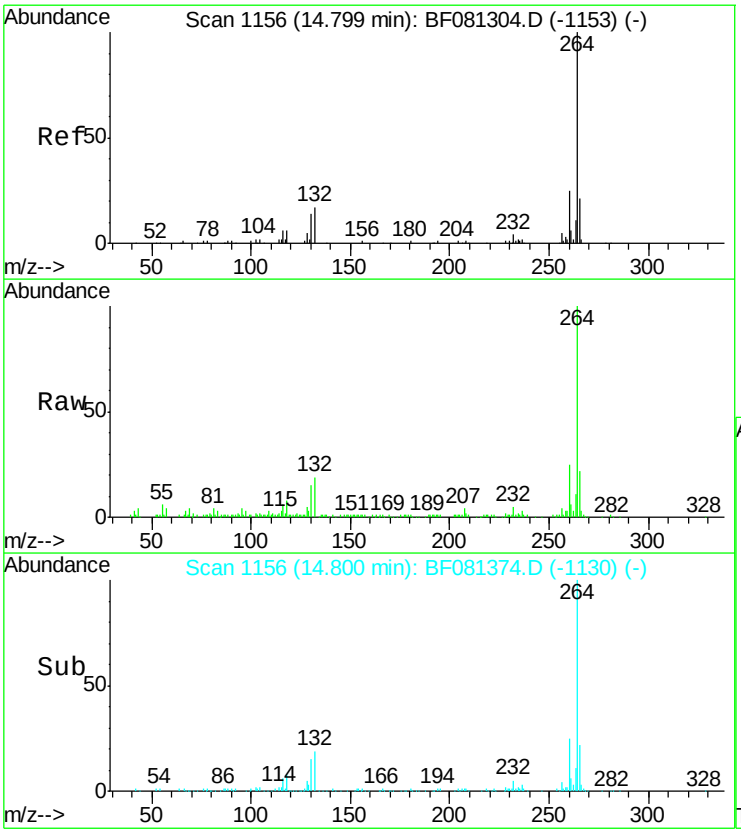
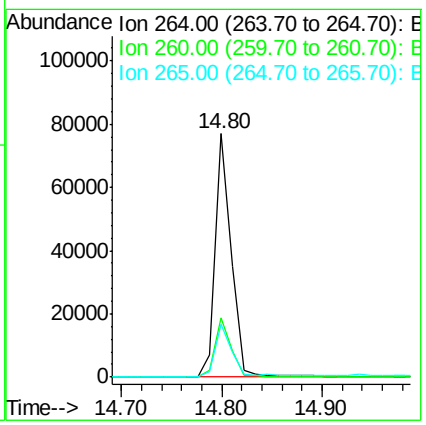


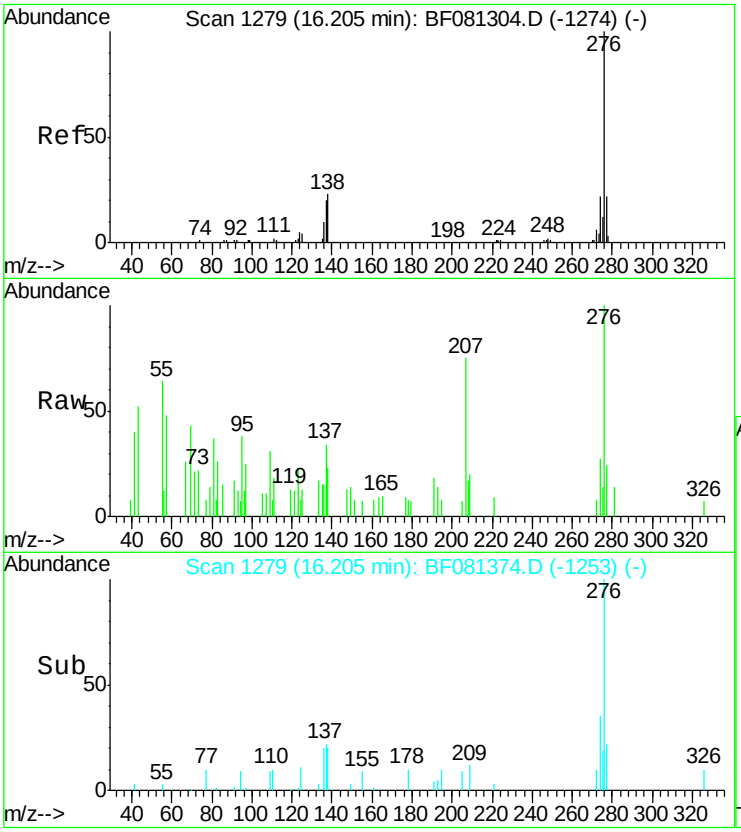


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:264 Resp: 85208

Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.5	17.2	25.8

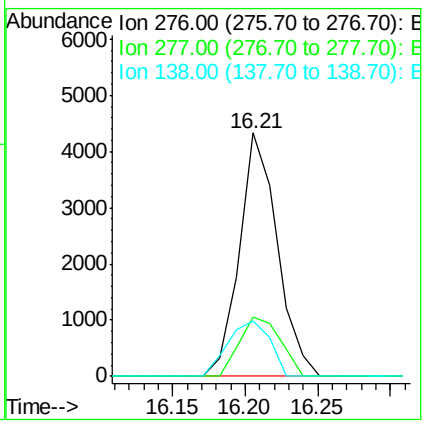




#91
Benzo(g,h,i)perylene
Concen: 2.06 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF081374.D
Acq: 3 Sep 2015 4:28

Tgt Ion:276 Resp: 7832

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.8	26.6
138	22.7	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
B4

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