Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084931.D
Acq On : 8 Feb 2016 16:27
Operator : SJ/IZ
Sample : H1311-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Manual Integrations APPROVED
UMANGI
2/9/2016 12:56:26 PM

Quant Time: Feb 09 03:43:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	142039	20.00	ng	0.02
21) Naphthalene-d8	7.98	136	257010	20.00	ng	0.01
38) Acenaphthene-d10	9.69	164	286742	20.00	ng	-0.05
63) Phenanthrene-d10	11.16	188	506204	20.00	ng	-0.05
75) Chrysene-d12	13.79	240	359016	20.00	ng	-0.05
86) Perylene-d12	15.16	264	305837	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	264137	28.97	ng	0.01
7) Phenol-d6	6.34	99	800122	70.78	ng	0.00
23) Nitrobenzene-d5	7.29	82	529091	115.97	ng	0.02
41) 2,4,6-Tribromophenol	10.48	330	326804	109.26	ng	-0.05
44) 2-Fluorobiphenyl	9.02	172	1269406	70.42	ng	-0.03
78) Terphenyl-d14	12.75	244	1155402	72.93	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	8.02	128	7650748	593.46	ng	# 93
37) 2-Methylnaphthalene	8.69	142	5041464	624.83	ng	# 96
45) 1,1'-Biphenyl	9.12	154	122433	4.78	ng	96
49) Dimethylphthalate	9.41	163	292629	13.40	ng	# 91
57) Fluorene	10.22	166	55588m	2.92	ng	
70) Phenanthrene	11.18	178	227102	8.09	ng	98
74) Fluoranthene	12.39	202	167116	5.88	ng	97
77) Pyrene	12.60	202	160192	5.83	ng	99
80) Benzo(a)anthracene	13.78	228	50208	2.25	ng	96

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084931.D
Acq On : 8 Feb 2016 16:27
Operator : SJ/IZ
Sample : H1311-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

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Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Manual Integrations APPROVED
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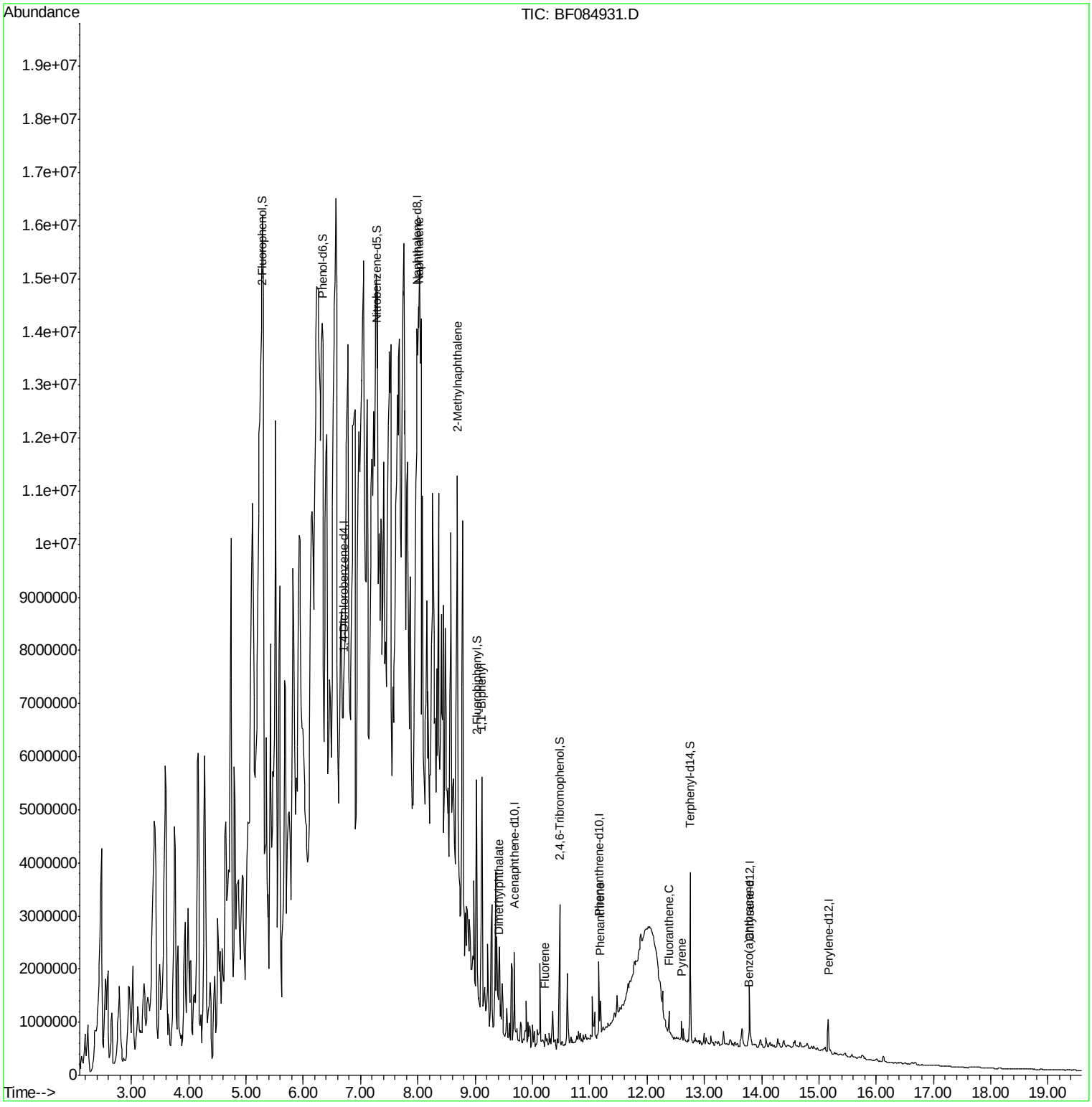
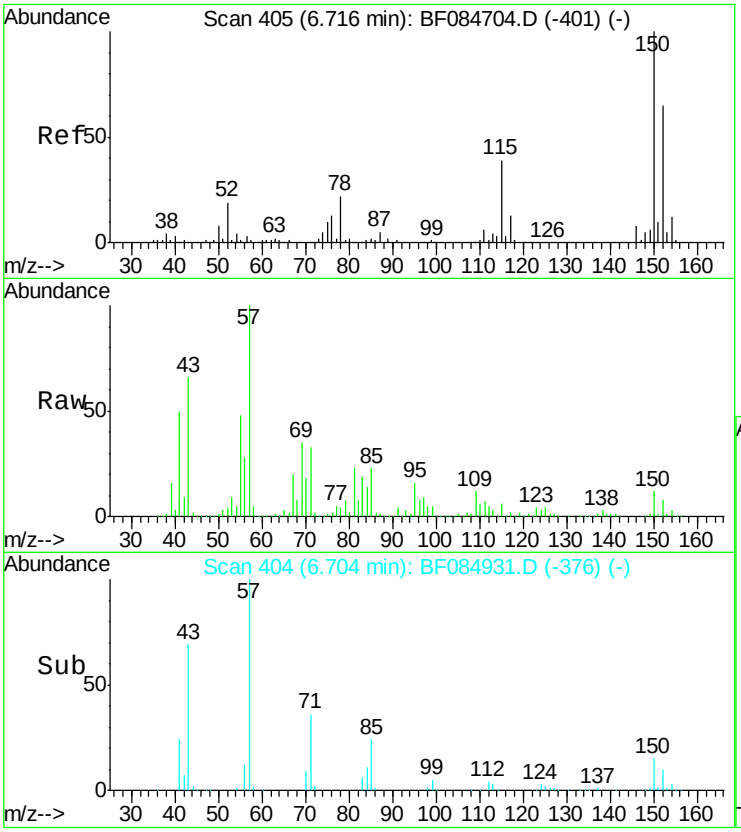
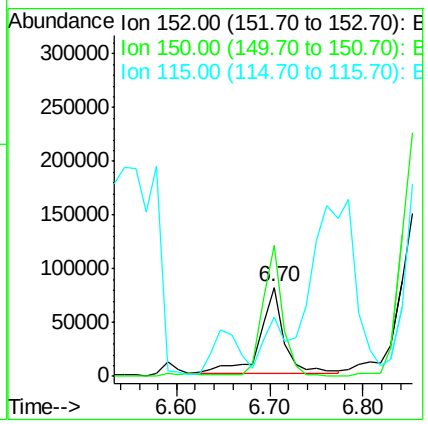




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.02 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:152 Resp: 142039

Ion	Ratio	Lower	Upper
152	100		
150	147.5	123.0	184.4
115	67.2	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Manual Integrations APPROVED
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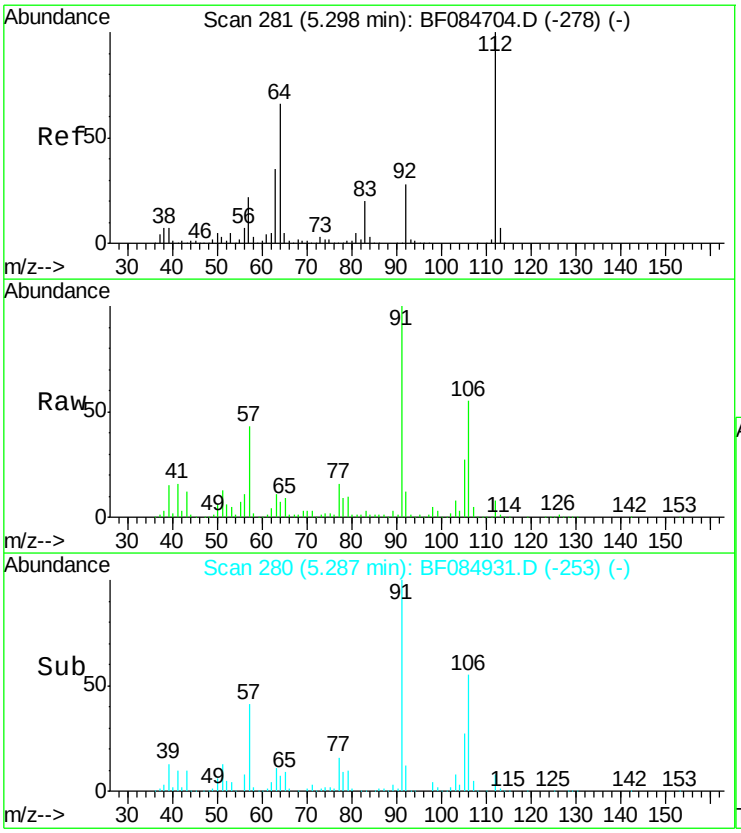
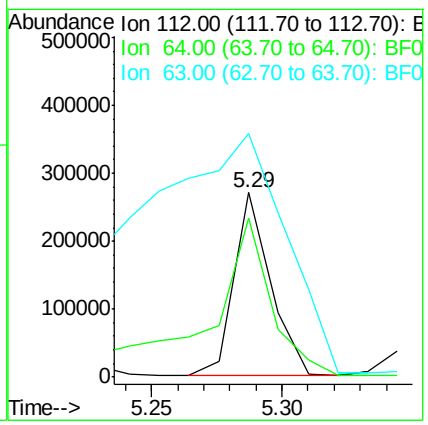
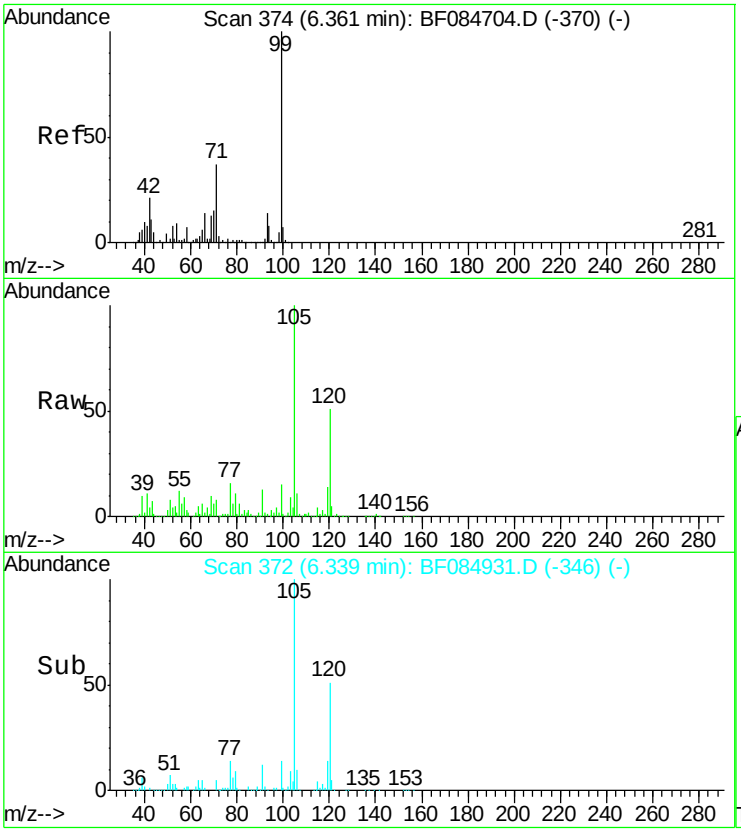


#5
2-Fluorophenol
Concen: 28.97 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:112 Resp: 264137

Ion	Ratio	Lower	Upper
112	100		
64	86.3	36.6	55.0#
63	132.1	19.4	29.0#

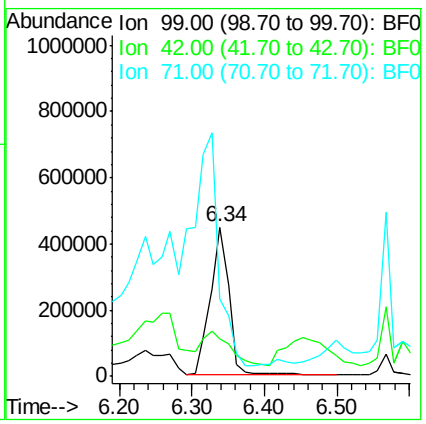




#7
Phenol-d6
Concen: 70.78 ng
RT: 6.34 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion: 99 Resp: 800122

Ion	Ratio	Lower	Upper
99	100		
42	25.2	12.8	19.2#
71	52.0	30.9	46.3#



Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Manual Integrations APPROVED
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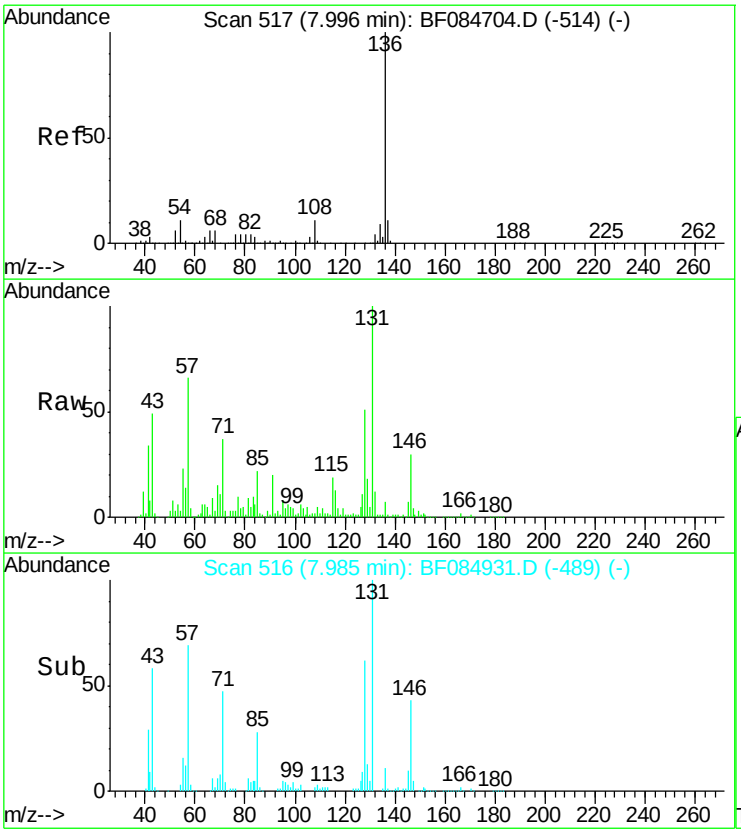
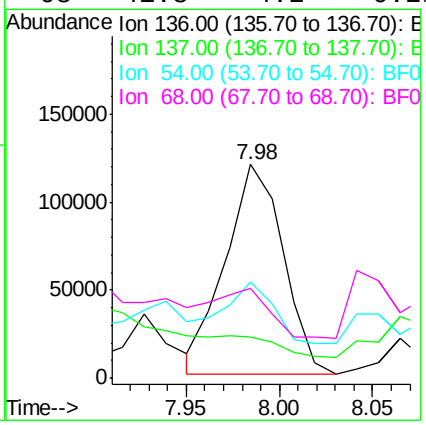
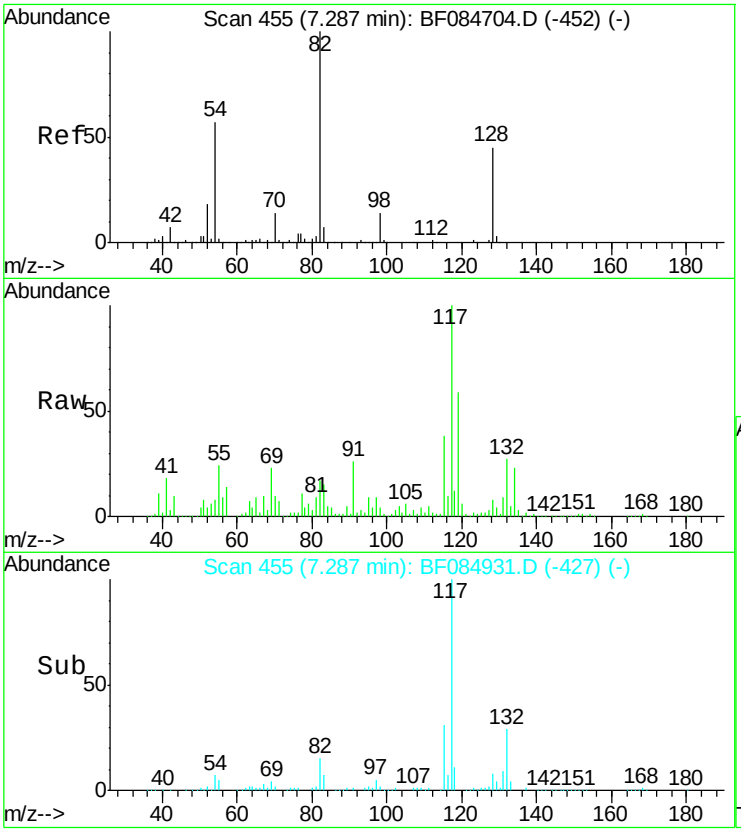


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:136 Resp: 257010

Ion	Ratio	Lower	Upper
136	100		
137	19.5	8.7	13.1#
54	45.1	5.8	8.8#
68	41.8	4.2	6.2#

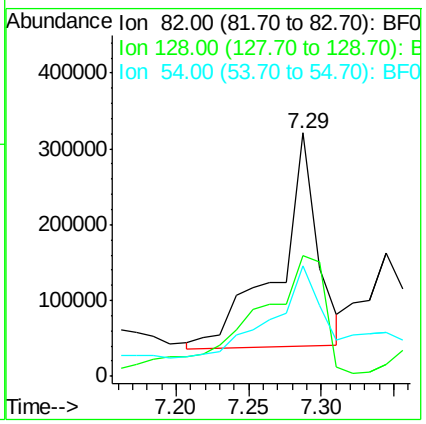




#23
Nitrobenzene-d5
Concen: 115.97 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.02 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion: 82 Resp: 529091

Ion	Ratio	Lower	Upper
82	100		
128	49.6	34.6	51.8
54	45.6	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Manual Integrations APPROVED
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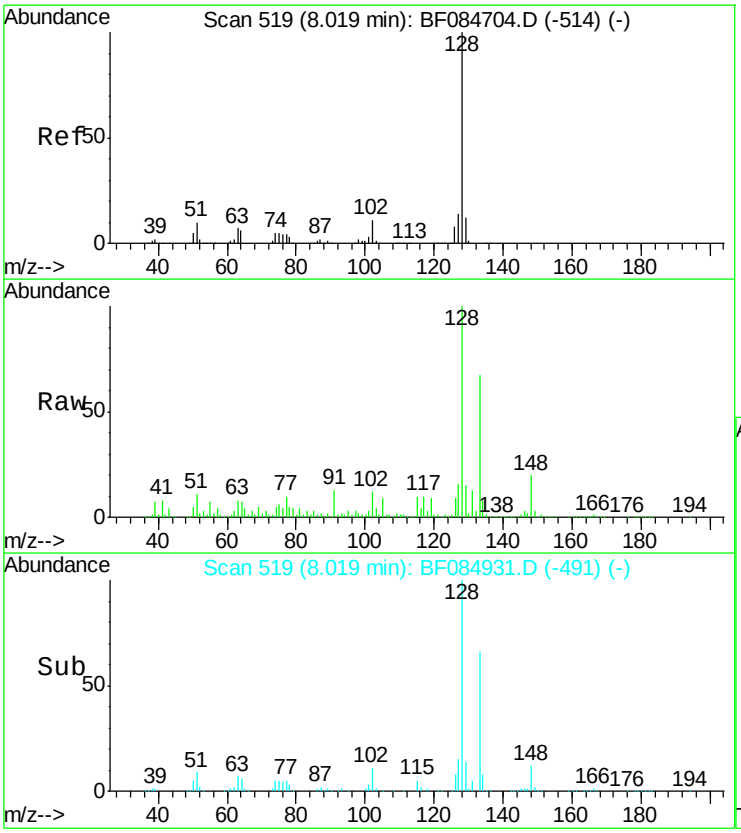
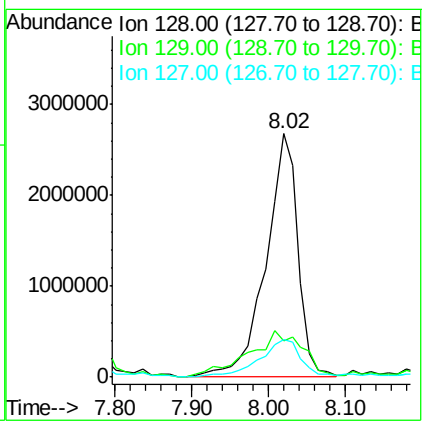
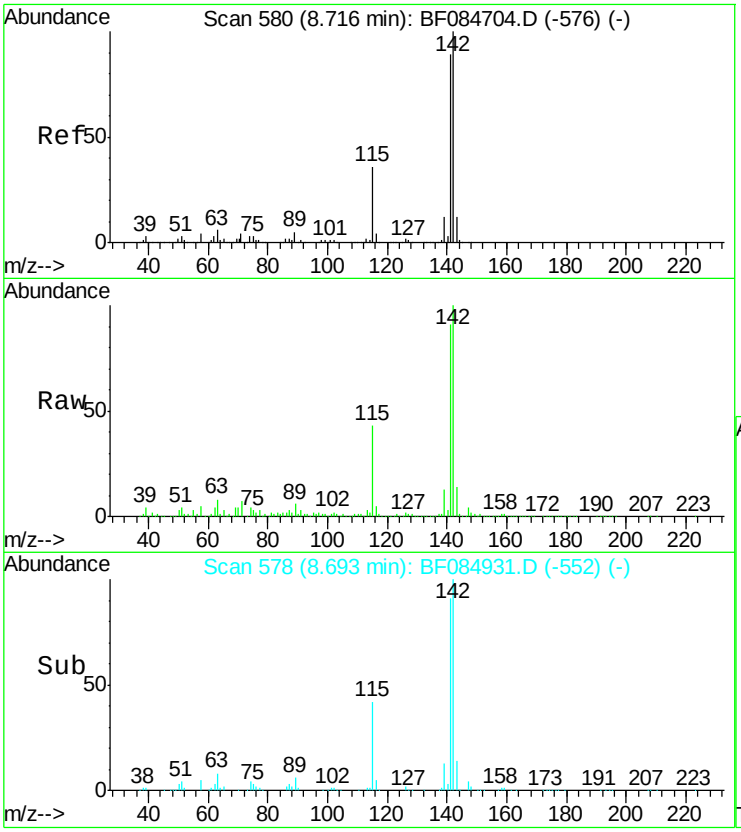


#31
Naphthalene
Concen: 593.46 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.02 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:128 Resp: 7650748

Ion	Ratio	Lower	Upper
128	100		
129	14.9	9.1	13.7#
127	15.7	11.1	16.7

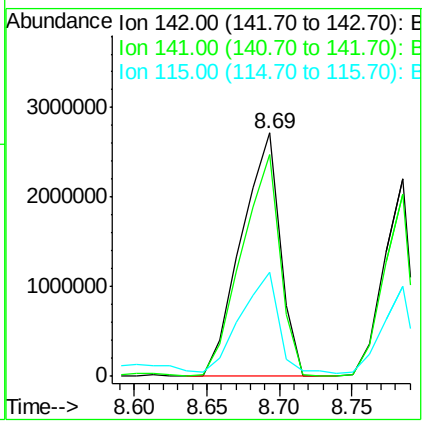




#37
2-Methylnaphthalene
Concen: 624.83 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:142 Resp: 5041464

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.4	108.6
115	42.9	27.9	41.9#



Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Manual Integrations APPROVED
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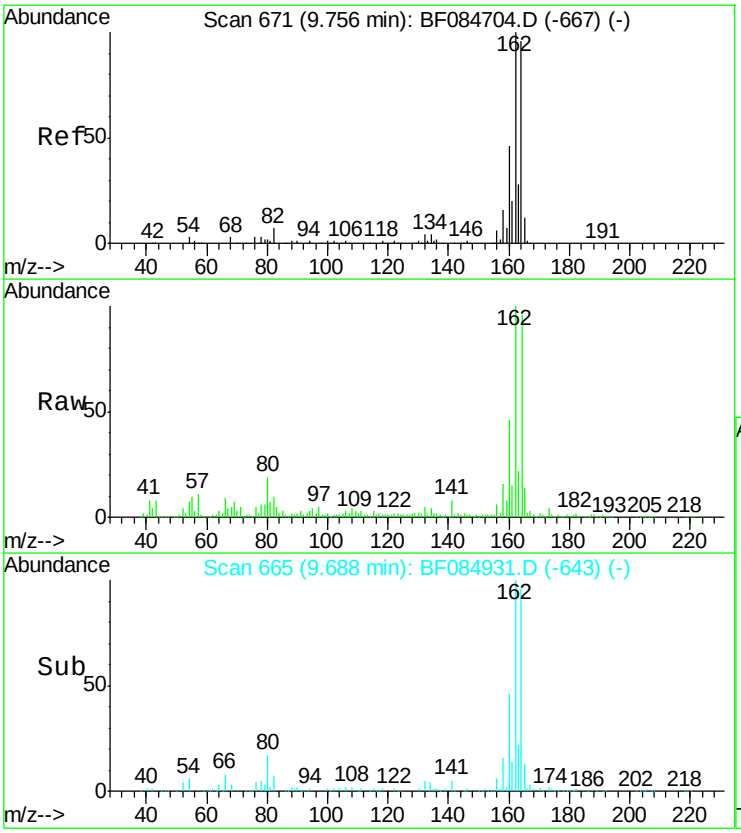
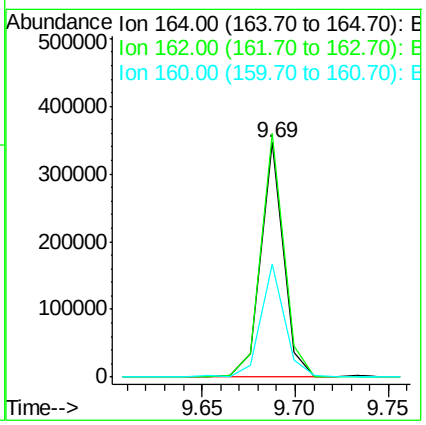
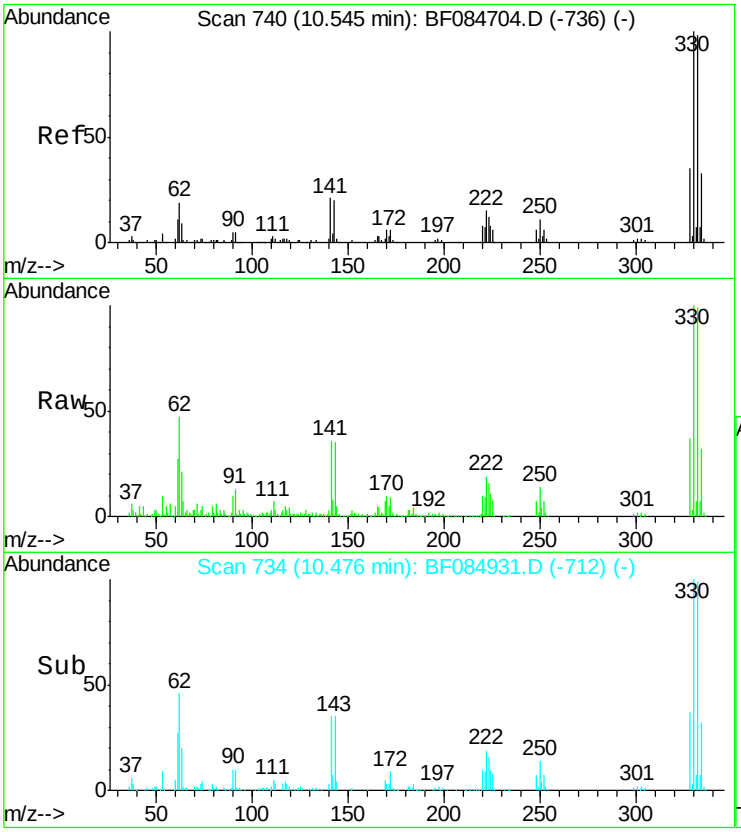


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:164 Resp: 286742

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	48.1	37.5	56.3

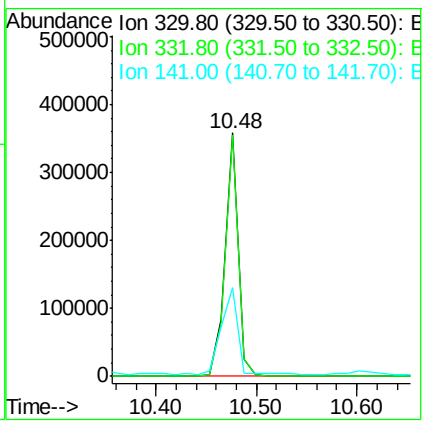




#41
2,4,6-Tribromophenol
Concen: 109.26 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:330 Resp: 326804

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	45.4	27.8	41.6#



Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Manual Integrations APPROVED
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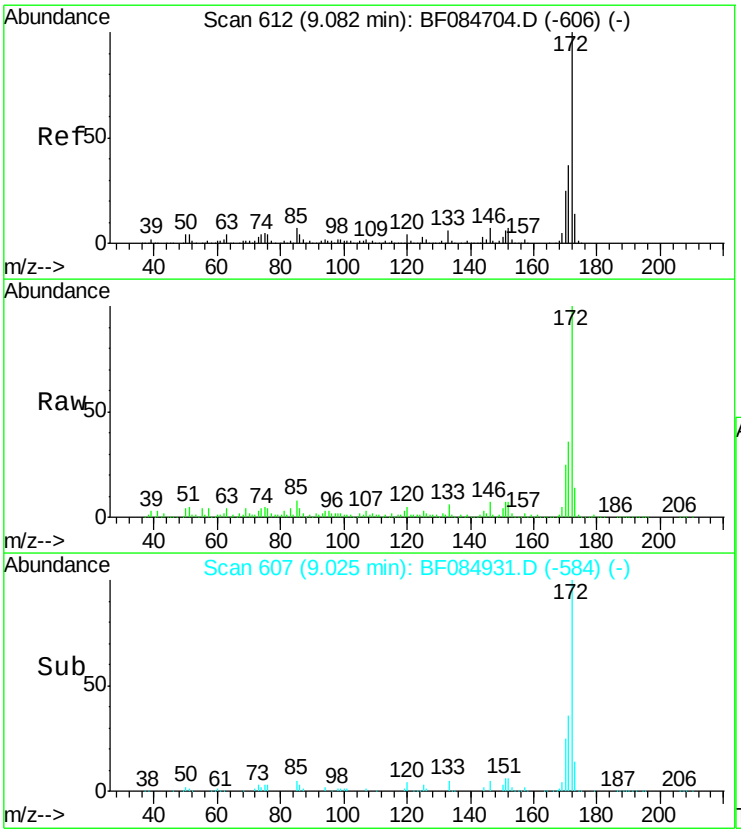
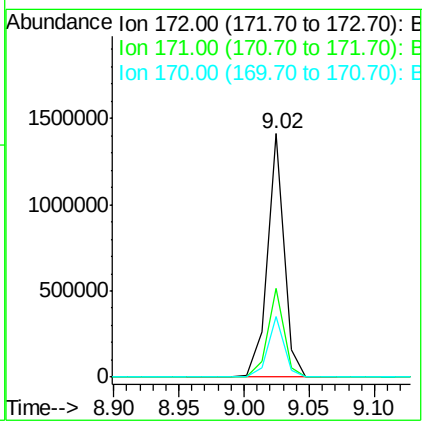
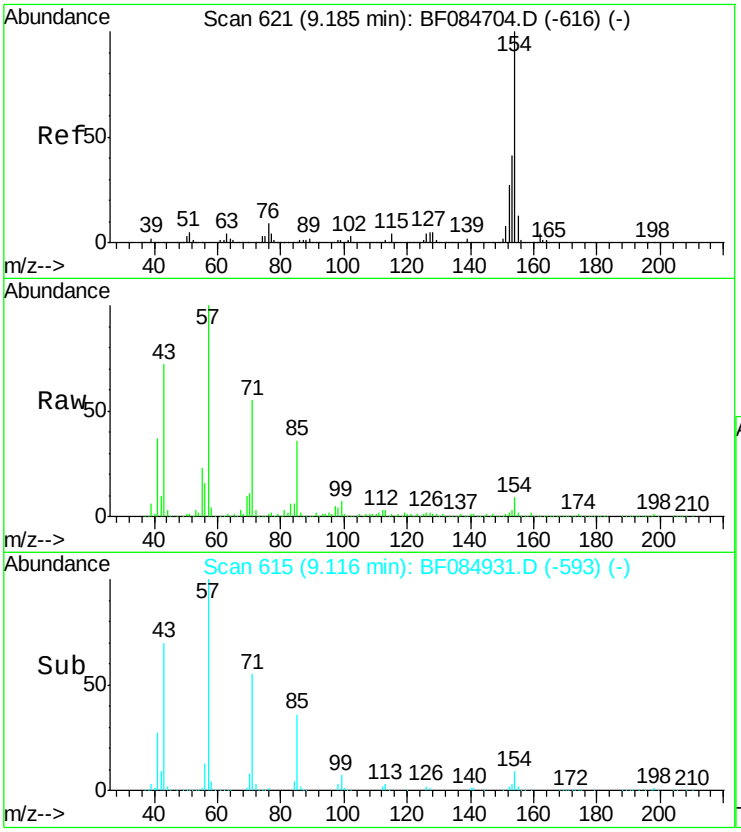


#44
2-Fluorobiphenyl
Concen: 70.42 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:172 Resp: 1269406

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	25.1	18.6	27.8

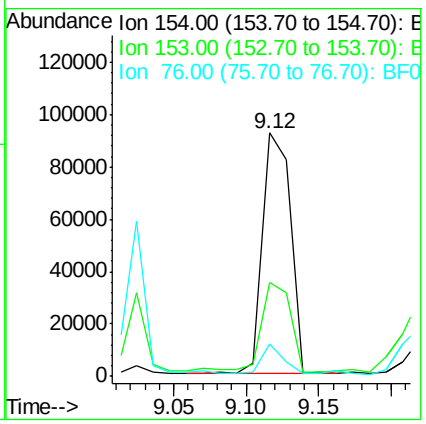




#45
1,1'-Biphenyl
Concen: 4.78 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.05 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:154 Resp: 122433

Ion	Ratio	Lower	Upper
154	100		
153	38.4	21.6	61.6
76	13.5	0.0	32.7



Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

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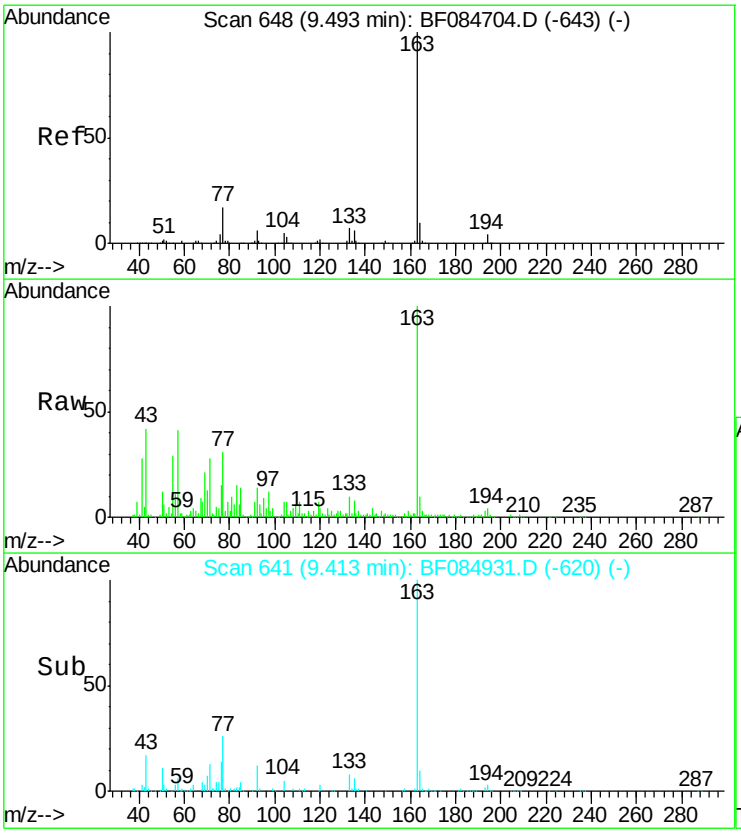
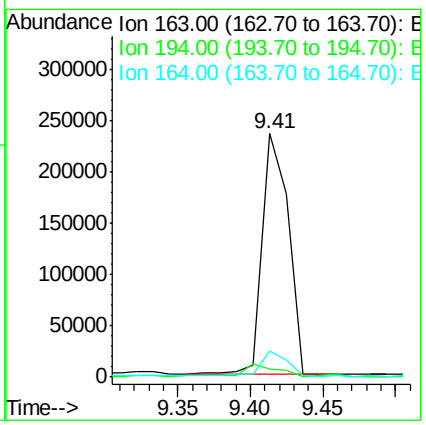
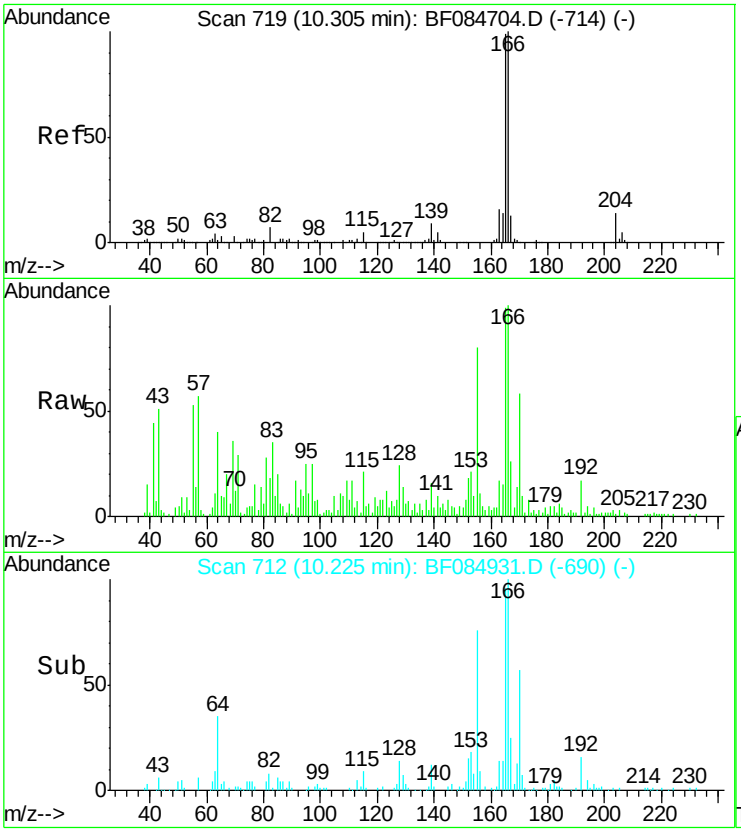


#49
Dimethylphthalate
Concen: 13.40 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:163 Resp: 292629

Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	10.4	8.0	12.0

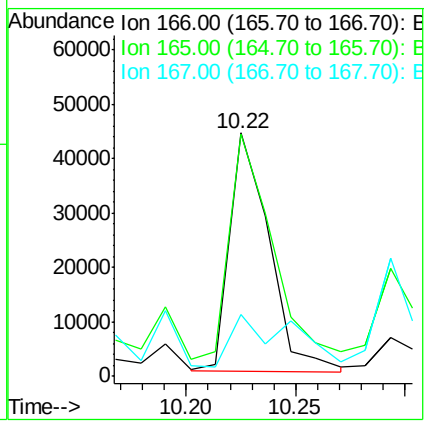




#57
Fluorene
Concen: 2.92 ng m
RT: 10.22 min Scan# 712
Delta R.T. -0.05 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:166 Resp: 55588

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.1	118.7
167	25.6	10.4	15.6#



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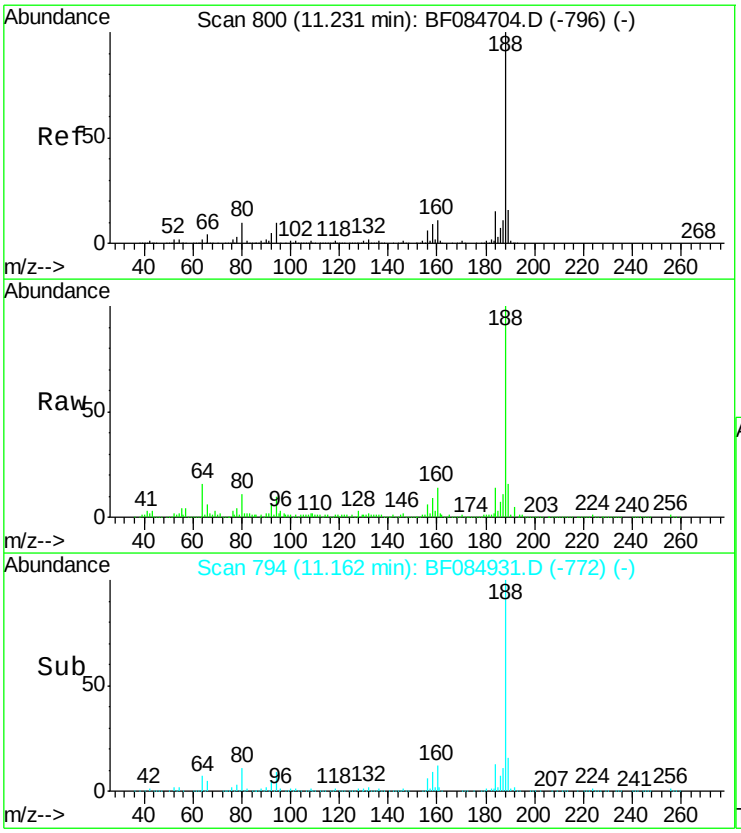
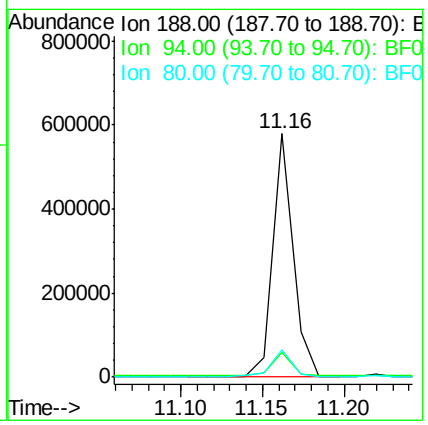
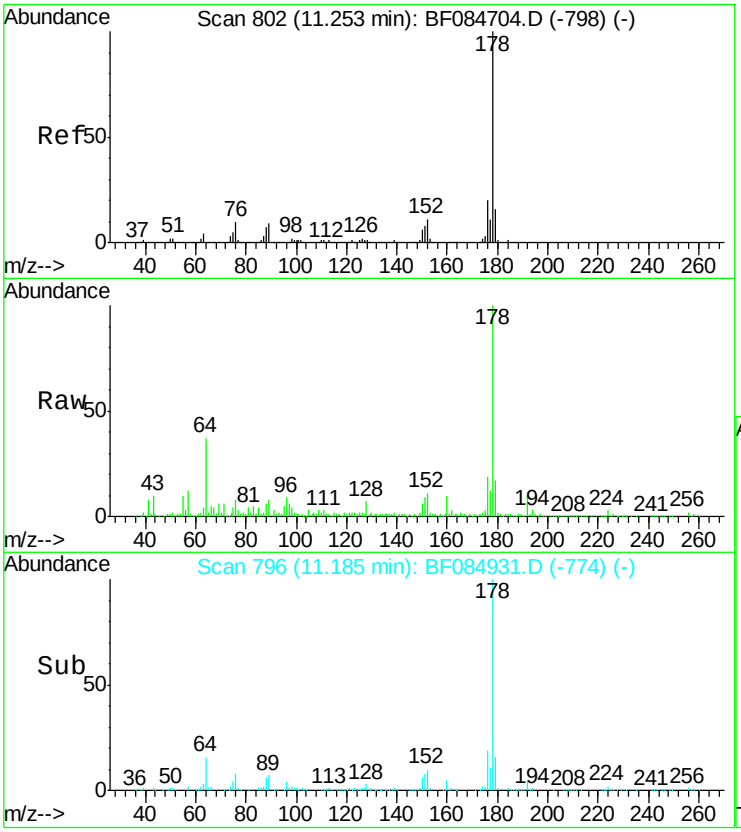


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 794
Delta R.T. -0.05 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:188 Resp: 506204

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.4
80	11.0	9.6	14.4

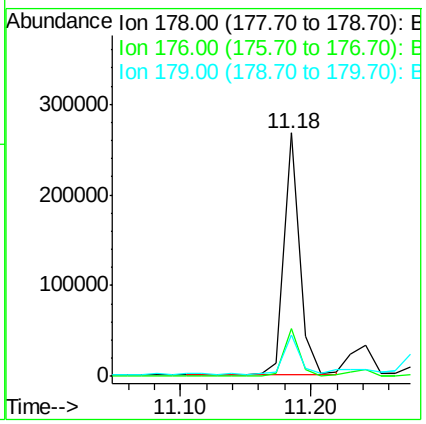




#70
Phenanthrene
Concen: 8.09 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.05 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:178 Resp: 227102

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	16.8	12.0	18.0



Instrument :
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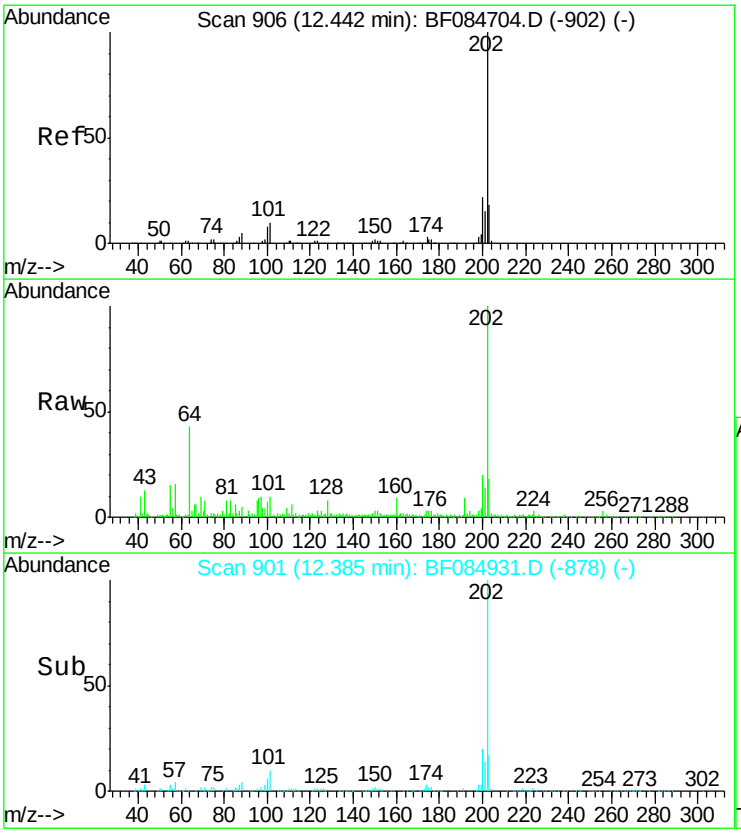
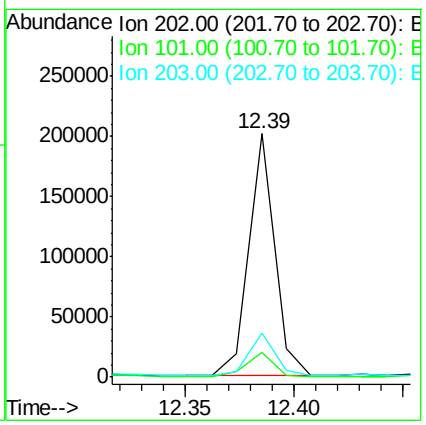
2/9/2016 12:56:26 PM

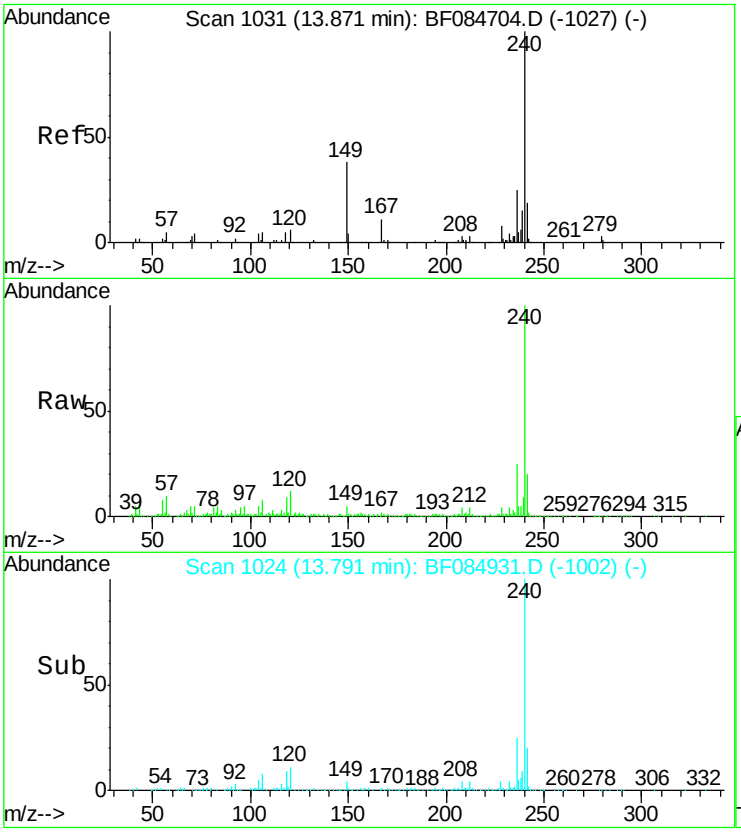


#74
Fluoranthene
Concen: 5.88 ng
RT: 12.39 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:202 Resp: 167116

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.8
203	17.8	0.0	37.9

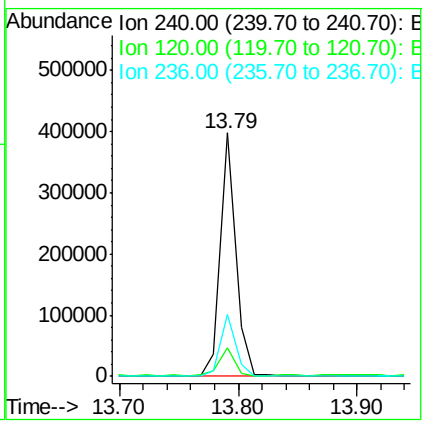




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:240 Resp: 359016

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.2	20.6	31.0



Instrument :
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ClientSampleId :
SUP-B008(25-27)

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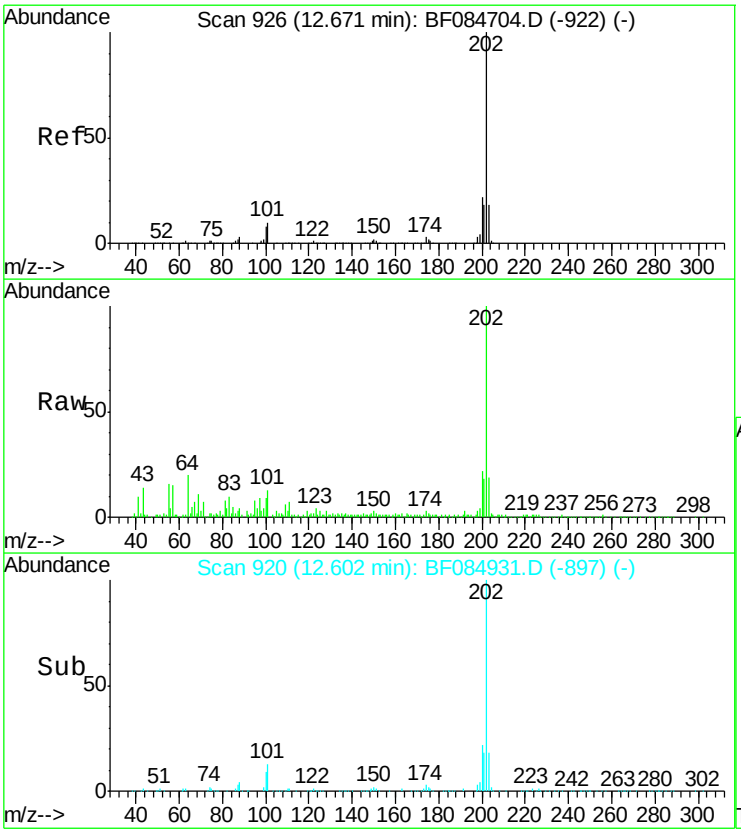
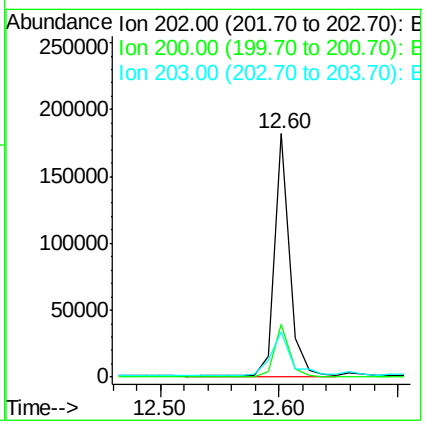
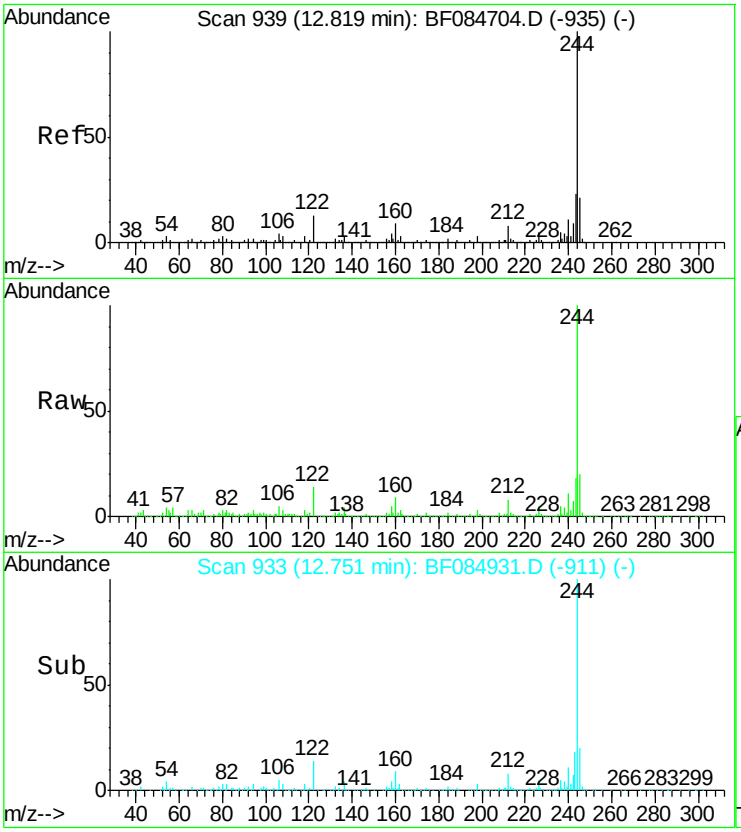


#77
Pyrene
Concen: 5.83 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:202 Resp: 160192

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	18.8	14.3	21.5

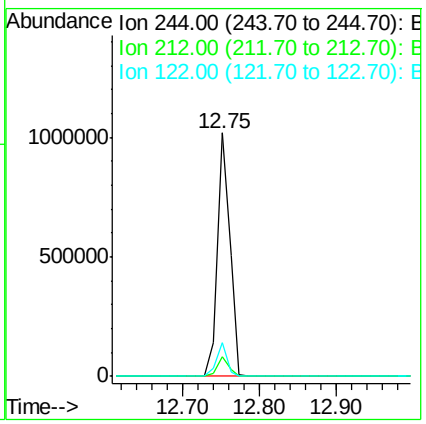




#78
Terphenyl-d14
Concen: 72.93 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:244 Resp: 1155402

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	14.0	7.4	11.0#



Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Manual Integrations APPROVED
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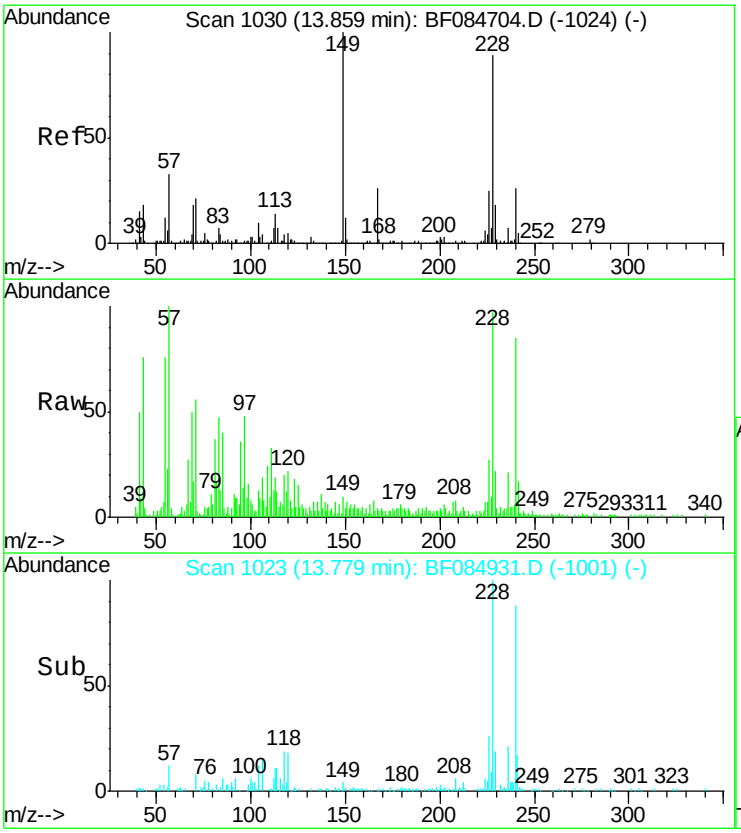
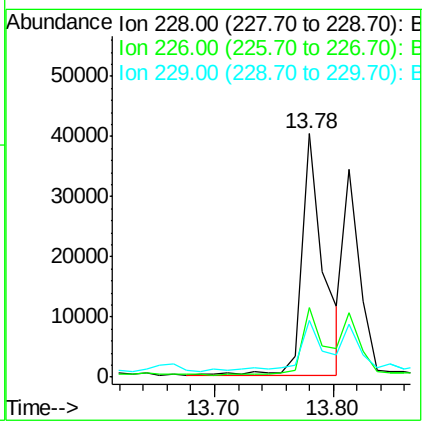
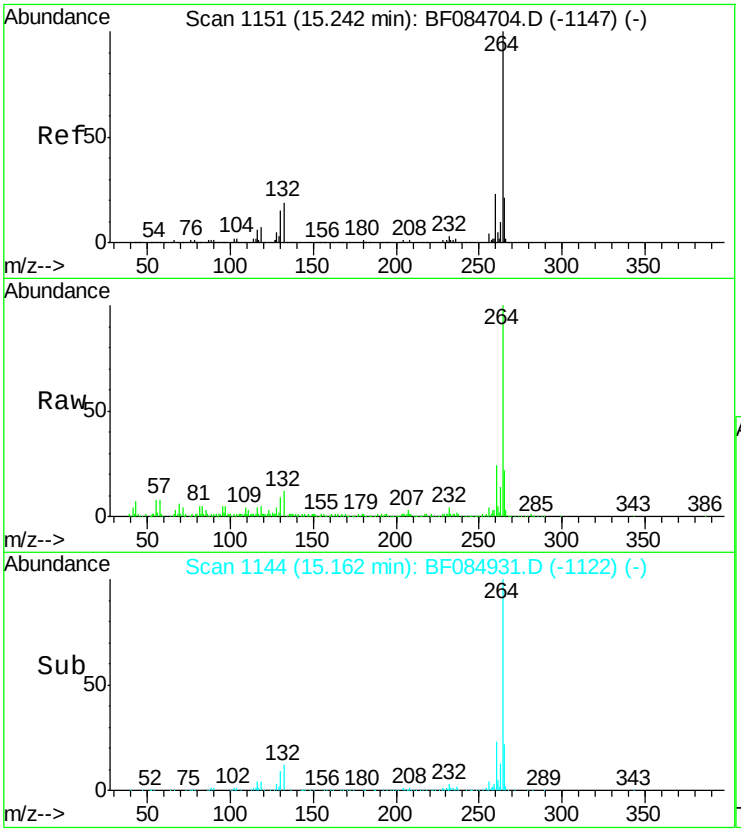


#80
Benzo(a)anthracene
Concen: 2.25 ng
RT: 13.78 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:228 Resp: 50208

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.6
229	23.1	15.8	23.8

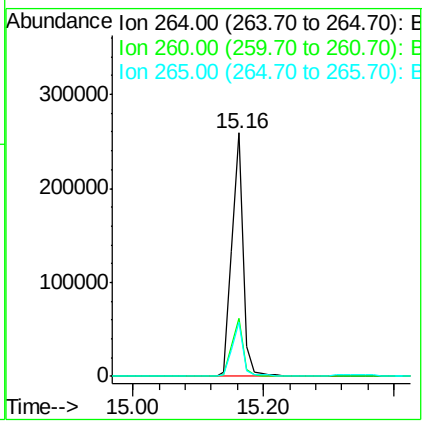




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF084931.D
Acq: 8 Feb 2016 16:27

Tgt Ion:264 Resp: 305837

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.1	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Manual Integrations APPROVED
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