Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096575.D
Acq On : 7 Jul 2017 22:44
Operator : SJ/MA
Sample : I4070-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

Manual Integrations APPROVED
mohammad
7/10/2017 2:22:48 PM

Quant Time: Jul 08 01:13:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	123147	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	507649	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	214210	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	316756	20.00	ng		0.00
75) Chrysene-d12	13.83	240	237818	20.00	ng		-0.01
86) Perylene-d12	15.23	264	236805	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	809793	97.06	ng		0.00
7) Phenol-d6	6.34	99	965202	94.10	ng		0.00
23) Nitrobenzene-d5	7.26	82	567972	67.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	170557	101.93	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	877069	70.01	ng		0.00
78) Terphenyl-d14	12.79	244	534299	48.01	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.35	94	33545	2.871	ng		88
49) Dimethylphthalate	9.45	163	114292	7.147	ng		99
70) Phenanthrene	11.23	178	49160	2.871	ng		98
74) Fluoranthene	12.41	202	53744	3.201	ng		99
77) Pyrene	12.64	202	76319	3.998	ng		98
80) Benzo(a)anthracene	13.82	228	29630m	2.152	ng		
82) Chrysene	13.86	228	33894	2.350	ng		96
87) Benzo(b)fluoranthene	14.84	252	32847m	2.214	ng		
89) Benzo(a)pyrene	15.17	252	28419	2.145	ng	#	95

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

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Misc :
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Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

Manual Integrations APPROVED
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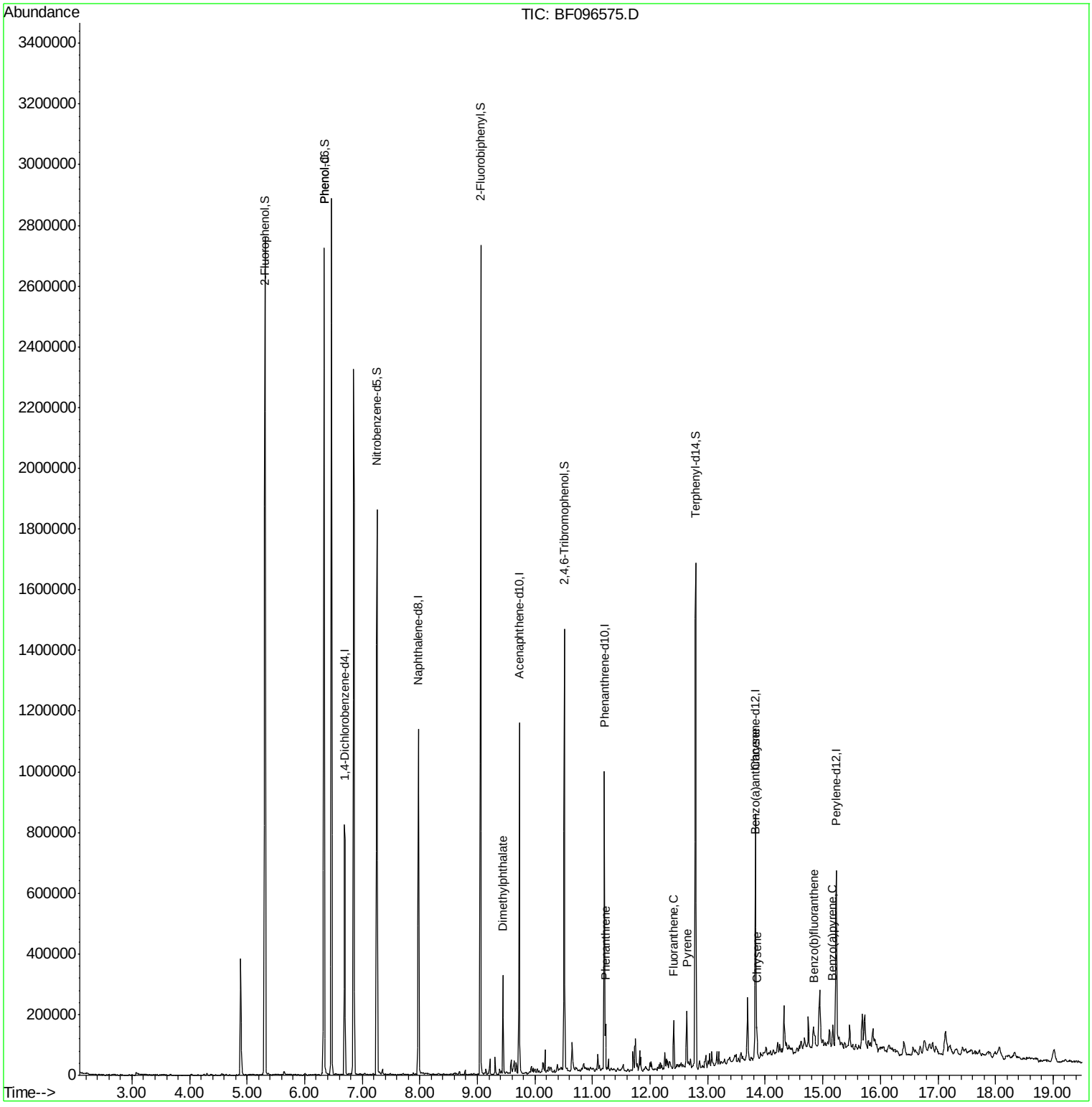
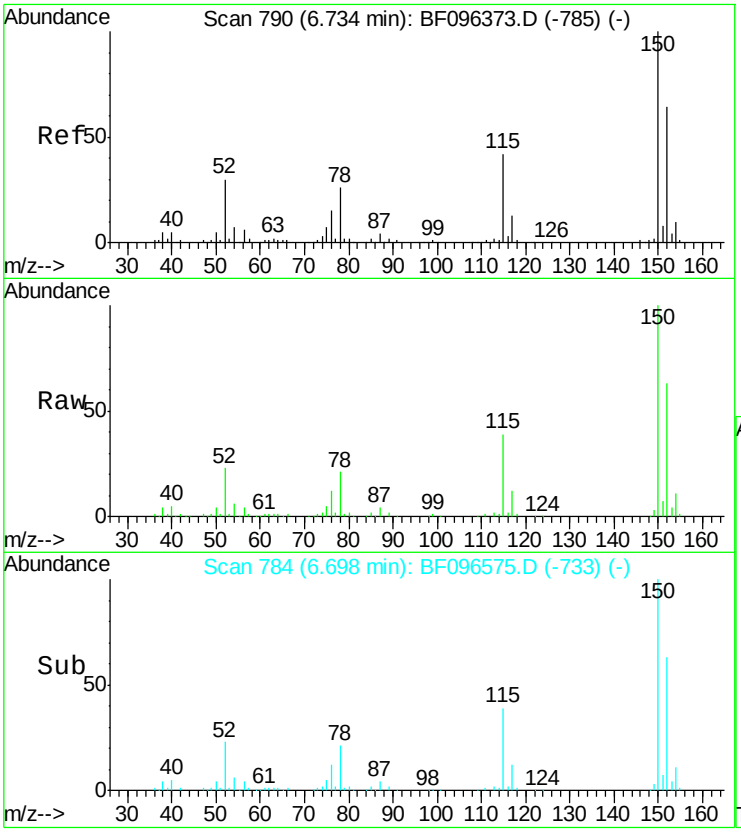
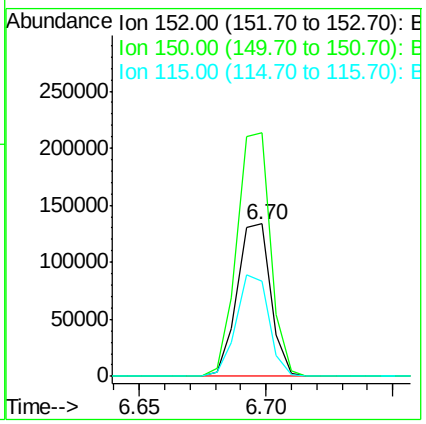




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:152 Resp: 123147

Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	62.7	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

Manual Integrations APPROVED
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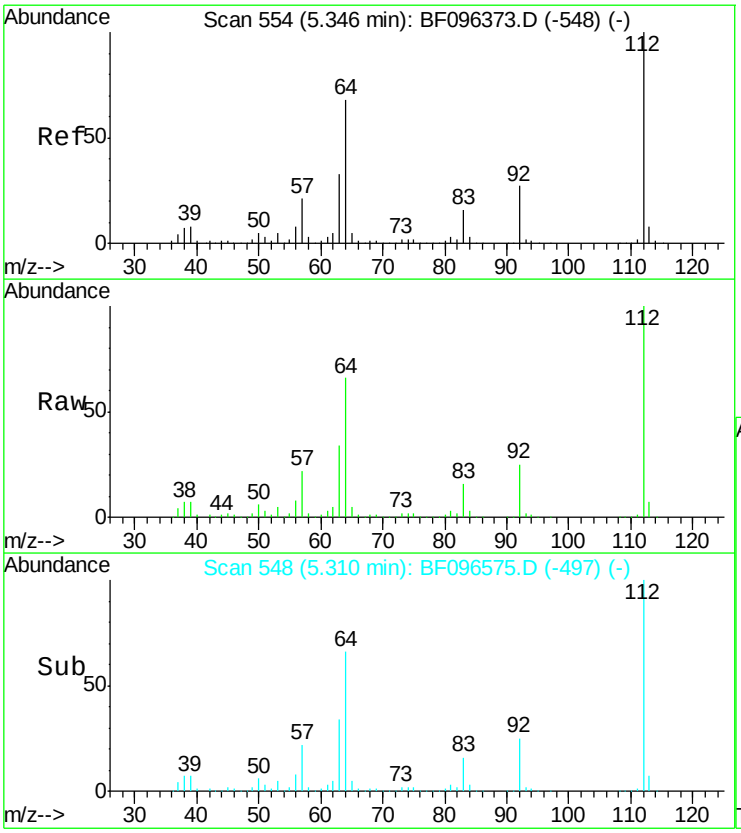
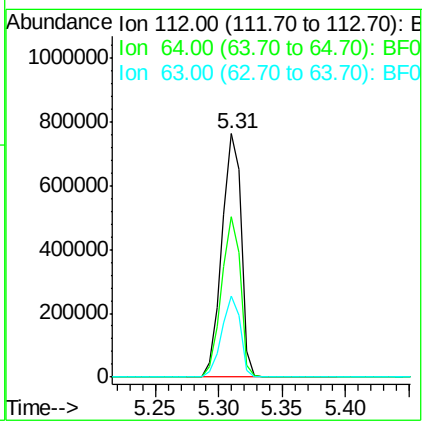
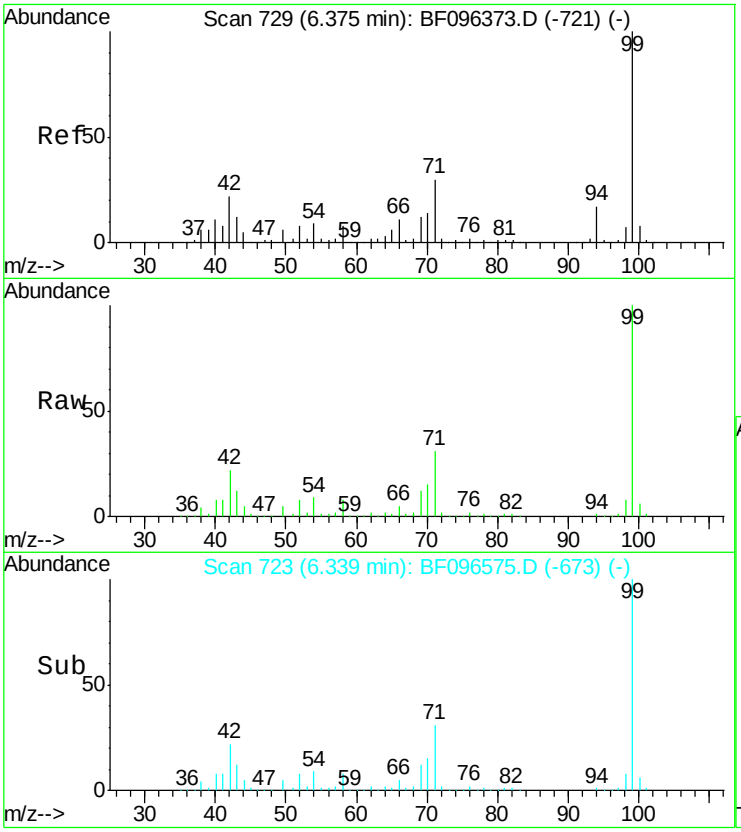


#5
2-Fluorophenol
Concen: 97.057 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:112 Resp: 809793

Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.0	69.0
63	33.5	23.4	35.0

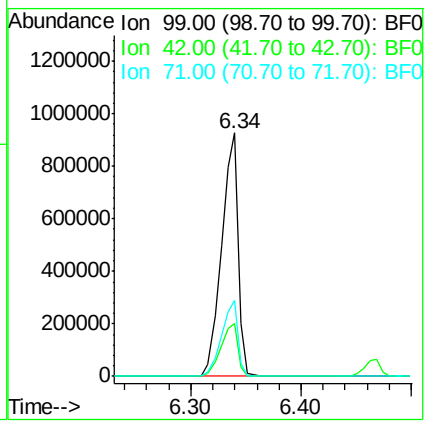




#7
Phenol-d6
Concen: 94.100 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion: 99 Resp: 965202

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	31.2	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

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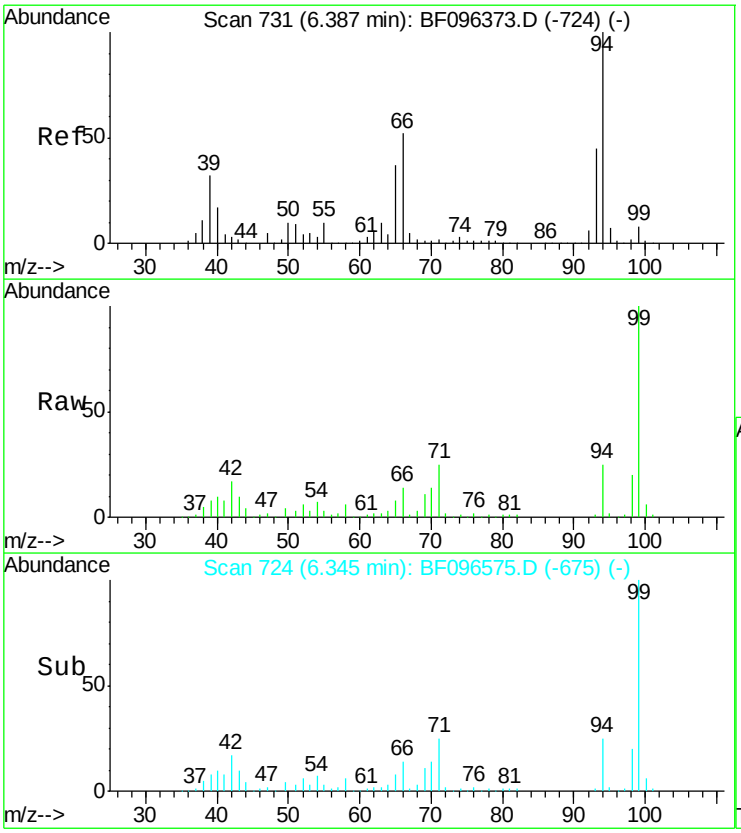
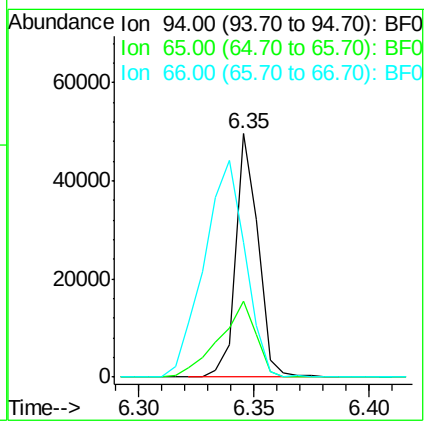
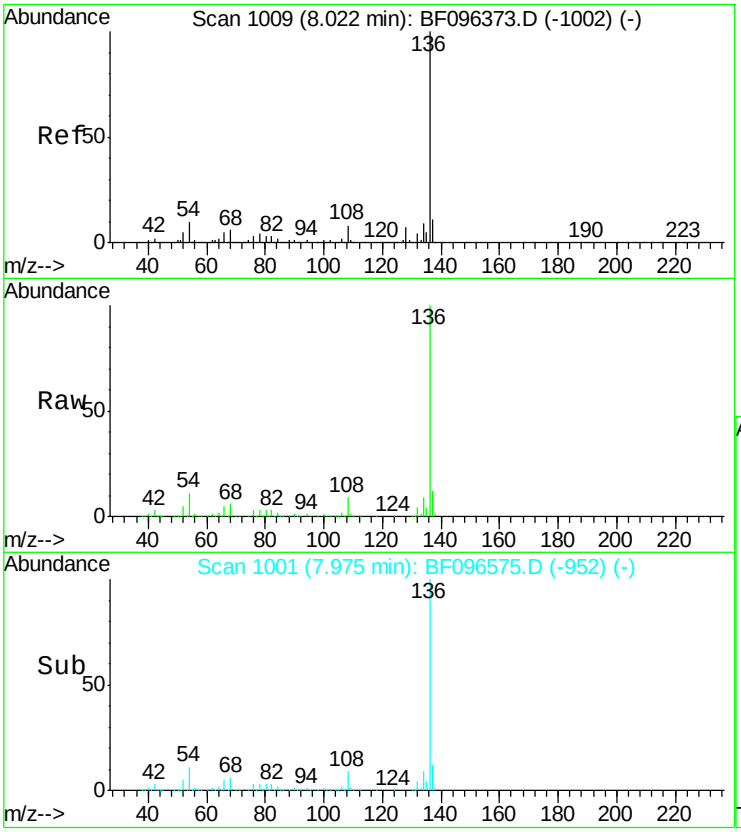


#10
Phenol
Concen: 2.871 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion: 94 Resp: 33545

Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.9	49.9
66	55.3	23.1	63.1

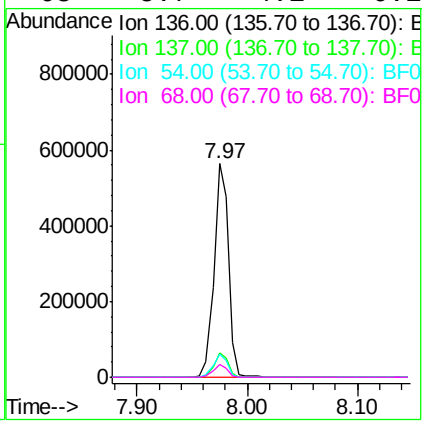




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:136 Resp: 507649

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	10.6	4.9	7.3#
68	5.7	4.1	6.1



Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

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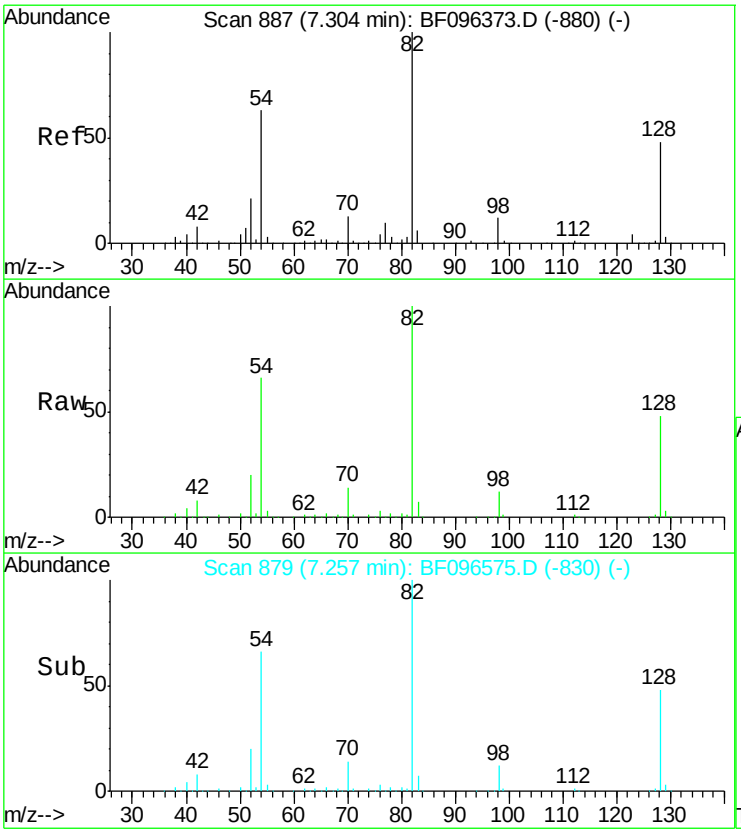
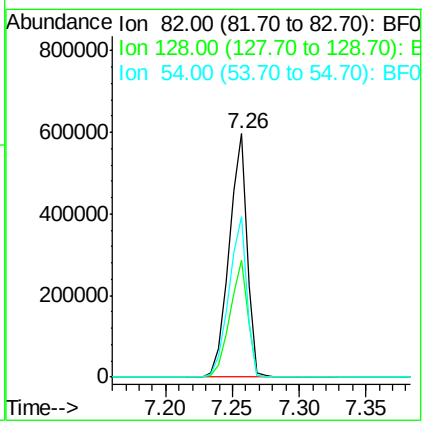
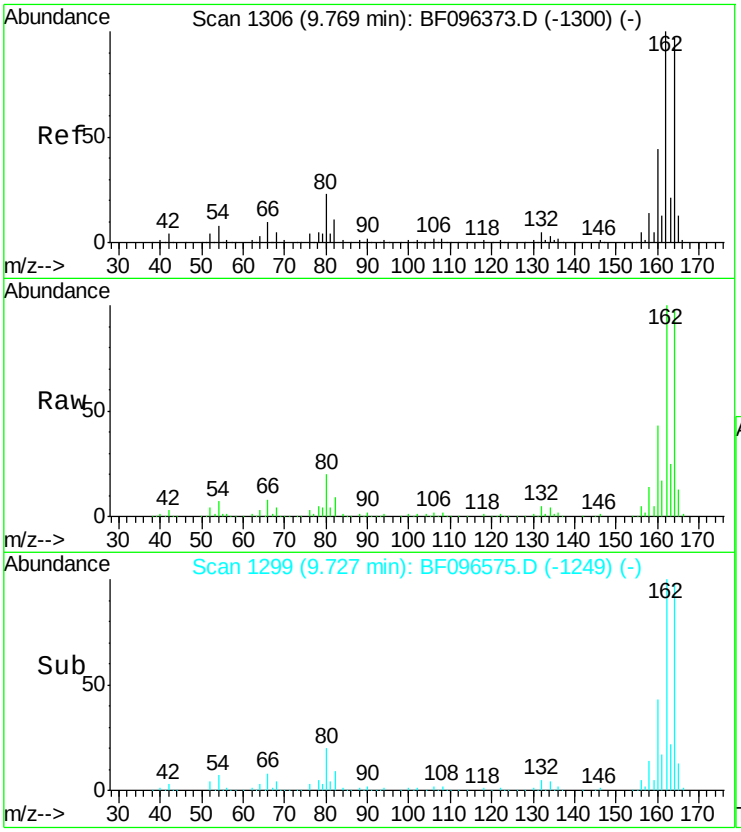


#23
Nitrobenzene-d5
Concen: 67.231 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion: 82 Resp: 567972

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	65.7	42.2	63.2#

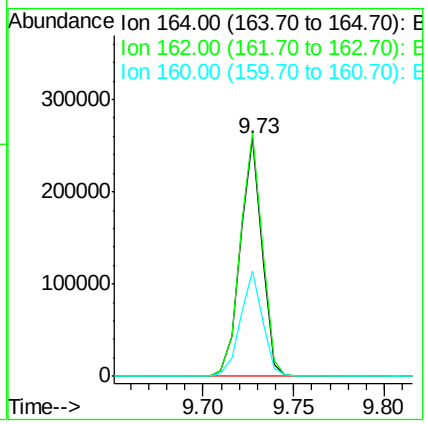




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:164 Resp: 214210

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.0	36.2	54.2



Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

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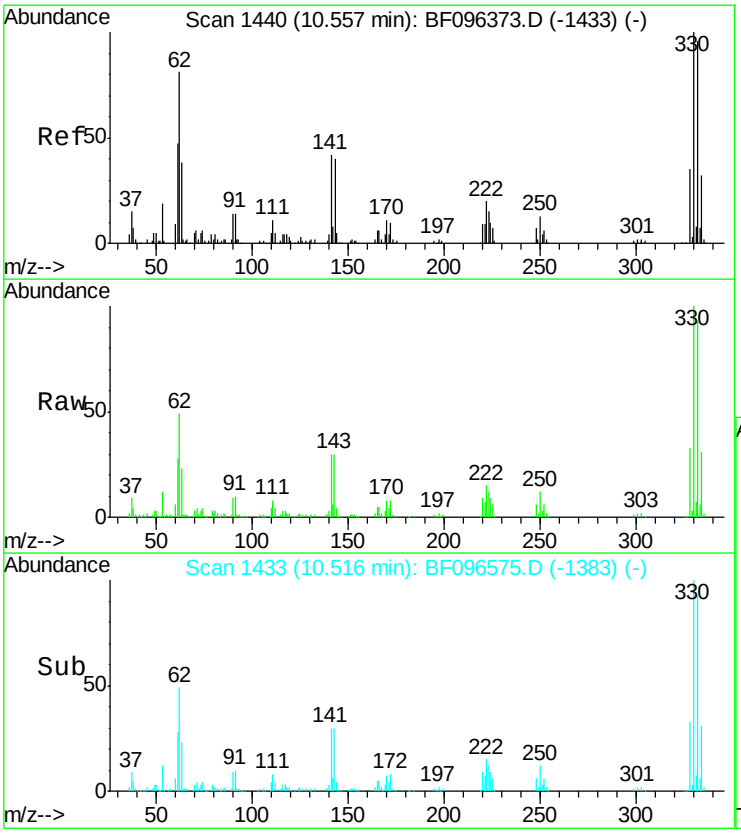
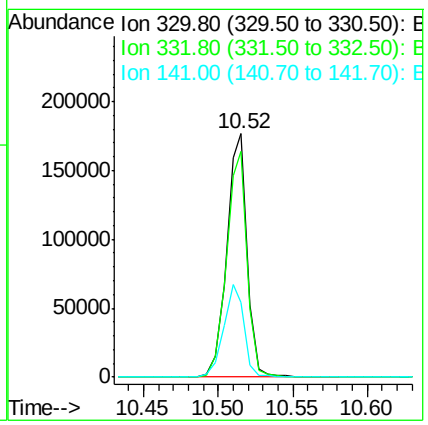
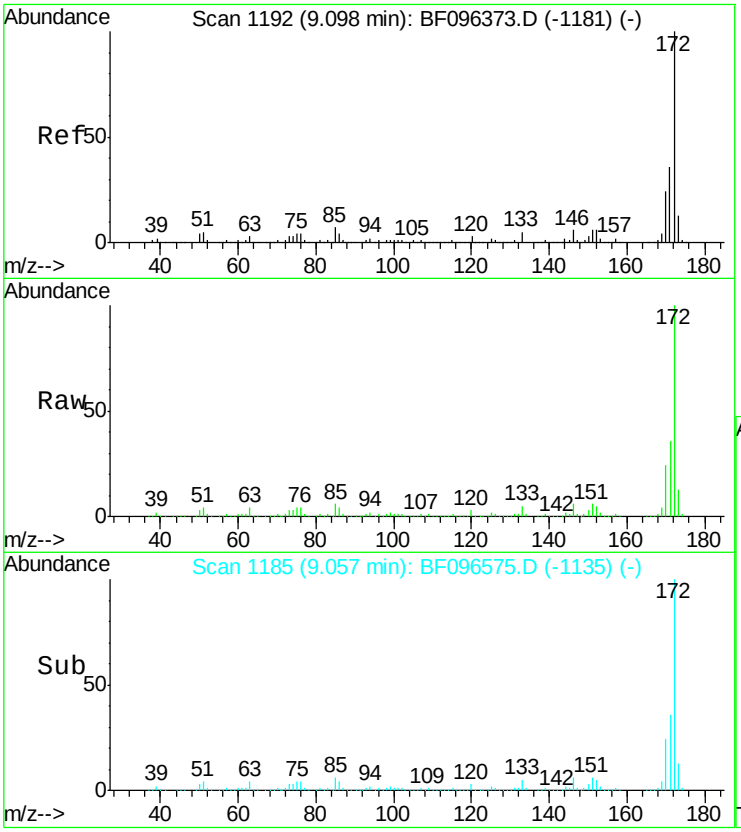


#41
2,4,6-Tribromophenol
Concen: 101.932 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:330 Resp: 170557

Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.6	115.0
141	38.0	31.4	47.2

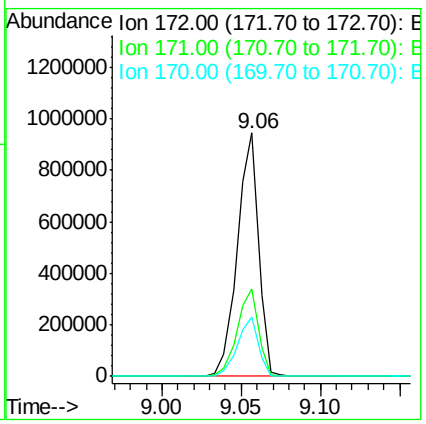




#44
2-Fluorobiphenyl
Concen: 70.006 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:172 Resp: 877069

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

Manual Integrations APPROVED
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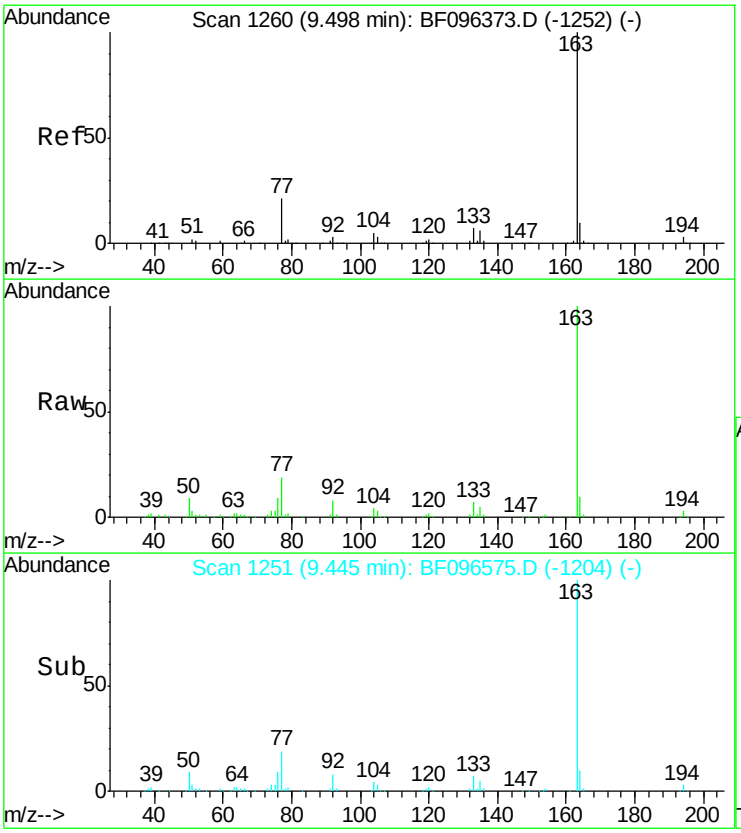
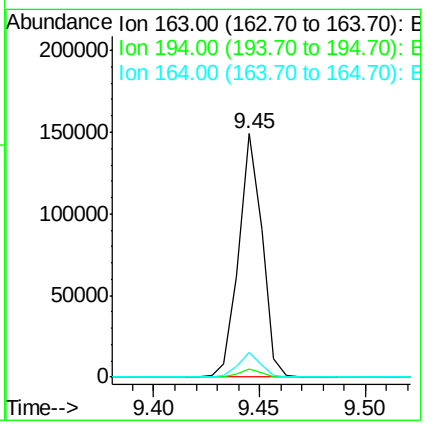
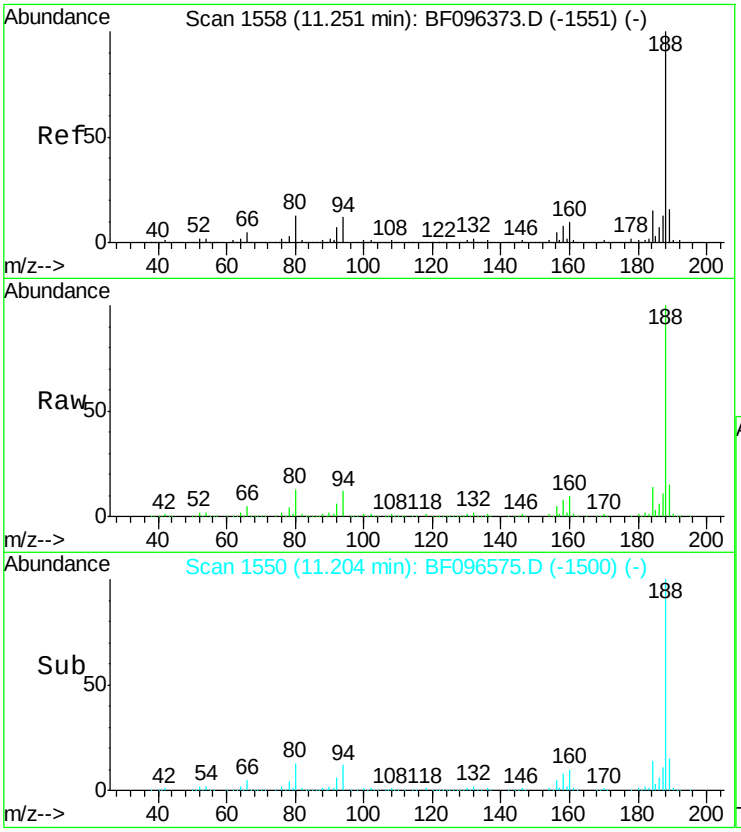


#49
Dimethylphthalate
Concen: 7.147 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:163 Resp: 114292

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.2	8.4	12.6

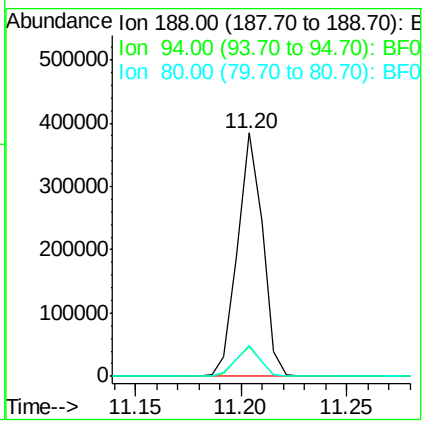




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:188 Resp: 316756

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.4	14.2
80	12.6	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

Manual Integrations APPROVED
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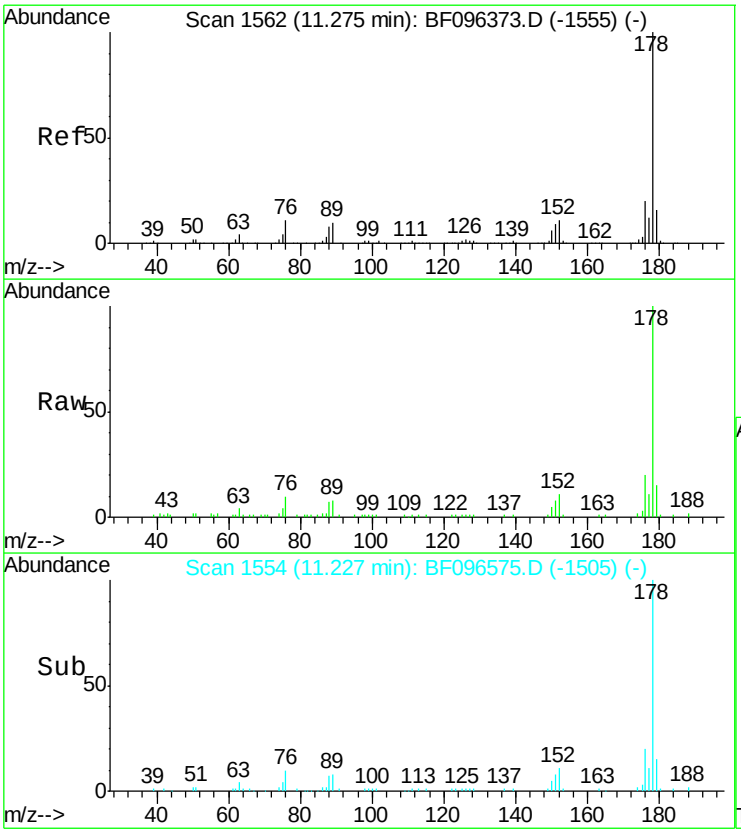
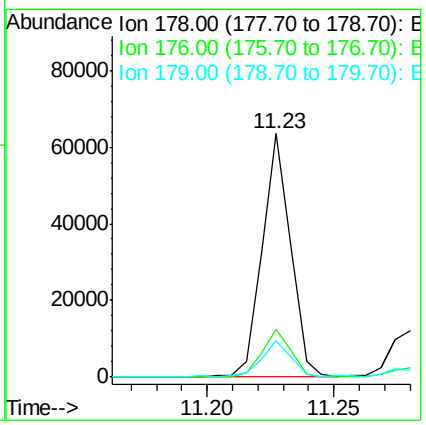
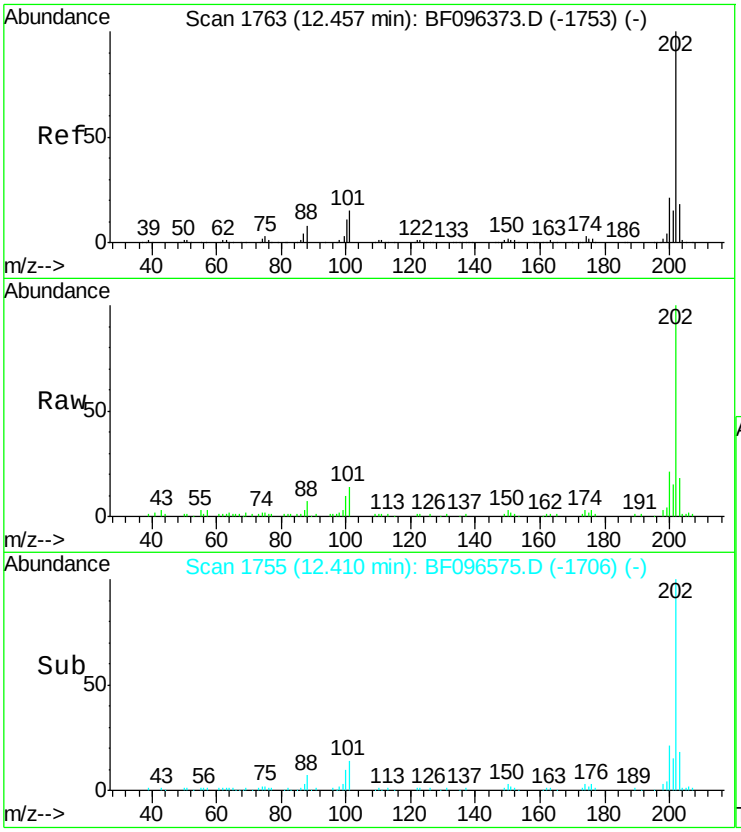


#70
Phenanthrene
Concen: 2.871 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:178 Resp: 49160

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	14.8	12.6	19.0





#74
Fluoranthene
Concen: 3.201 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:202 Resp: 53744

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.2
203	18.5	0.0	38.1

Instrument :
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ClientSampleId :
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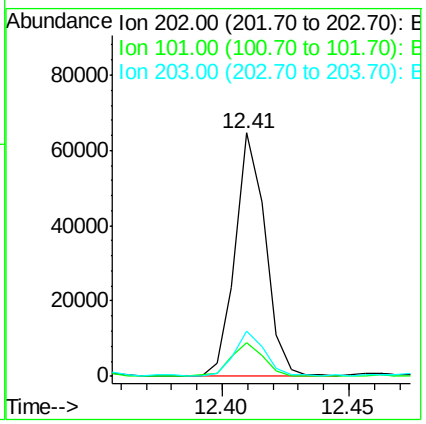
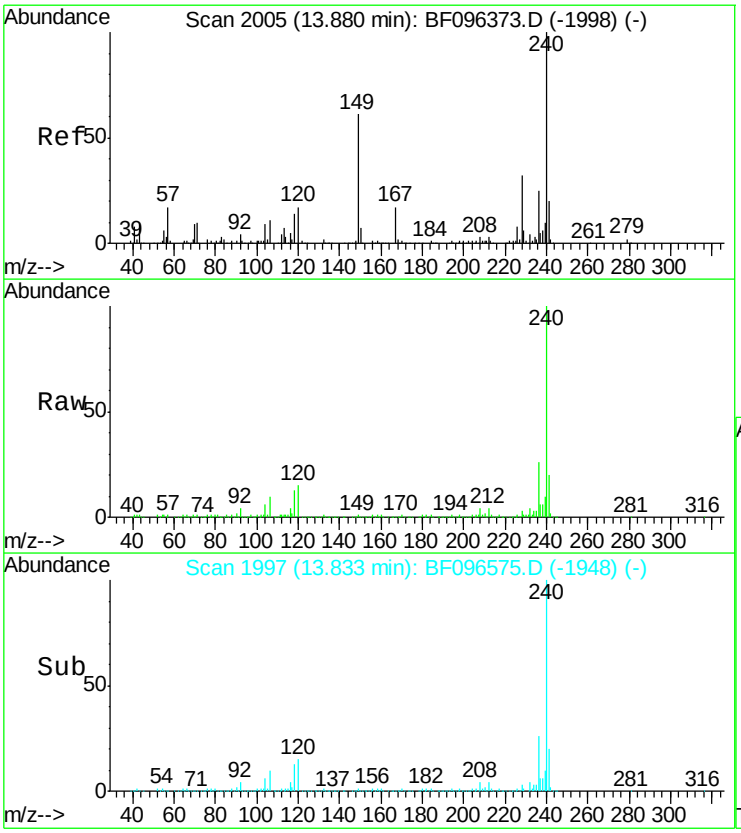
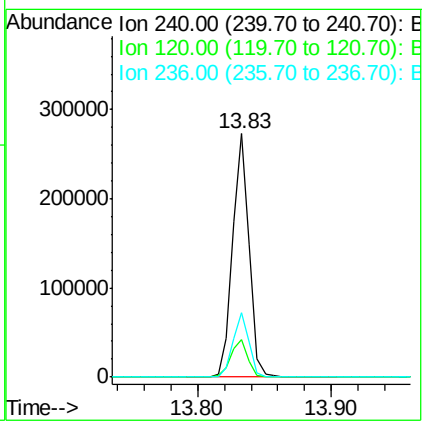


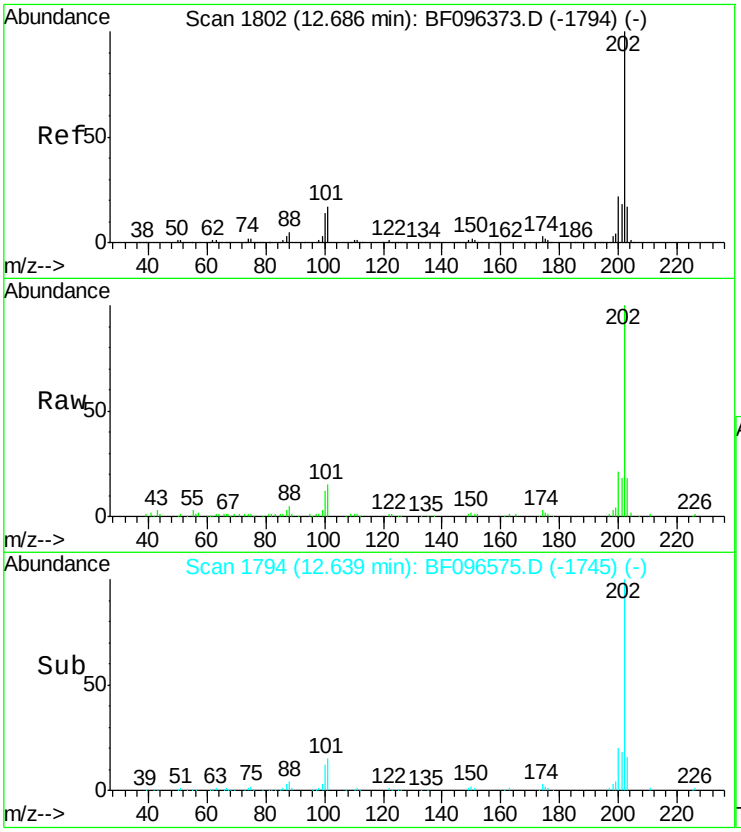


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:240 Resp: 237818

Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	26.3	20.5	30.7

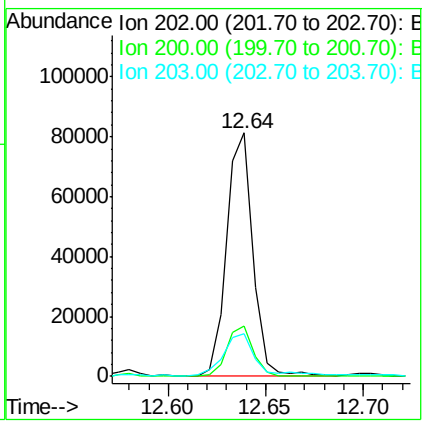




#77
Pyrene
Concen: 3.998 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:202 Resp: 76319

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.6	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

Manual Integrations APPROVED
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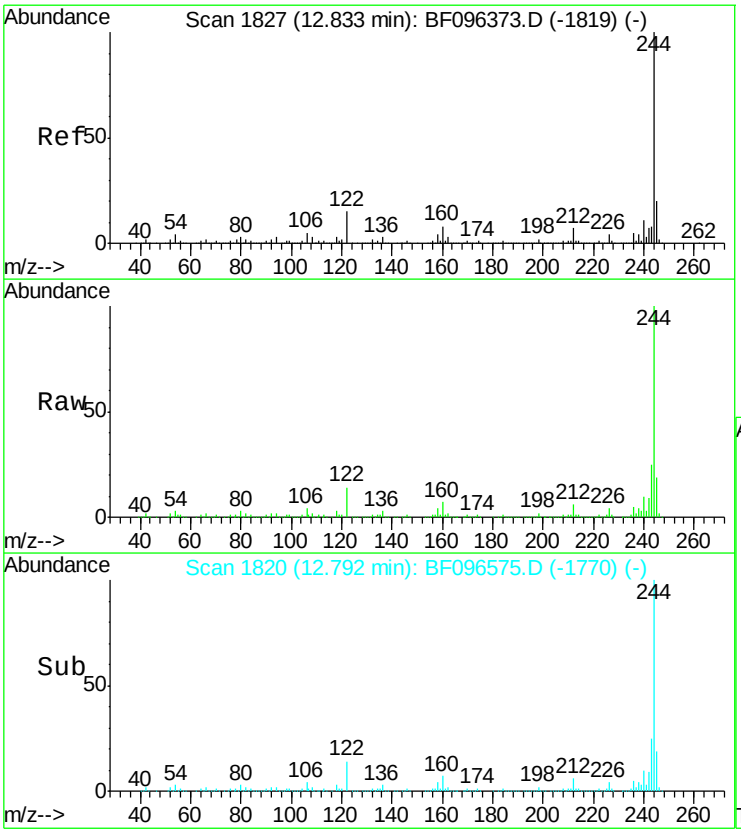
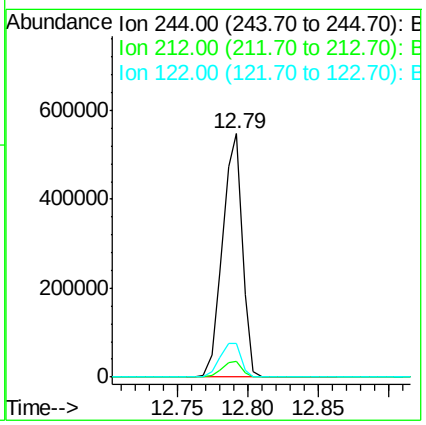
7/10/2017 2:22:48 PM

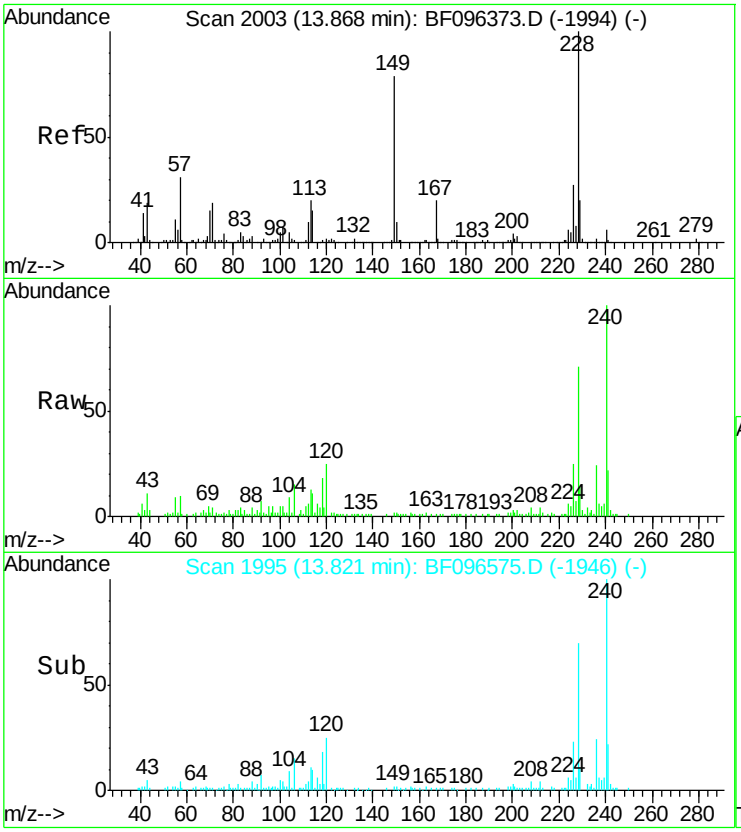


#78
Terphenyl-d14
Concen: 48.008 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:244 Resp: 534299

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	14.0	10.3	15.5

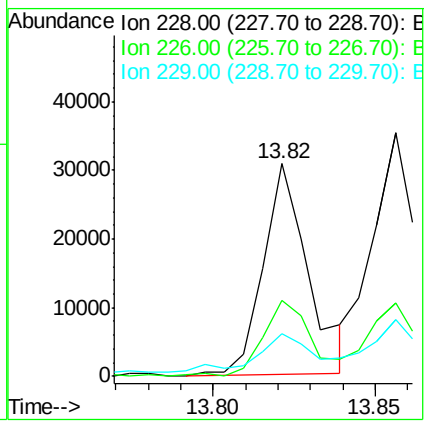




#80
Benzo(a)anthracene
Concen: 2.152 ng m
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:228 Resp: 29630

Ion	Ratio	Lower	Upper
228	100		
226	35.8	22.6	33.8#
229	20.3	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

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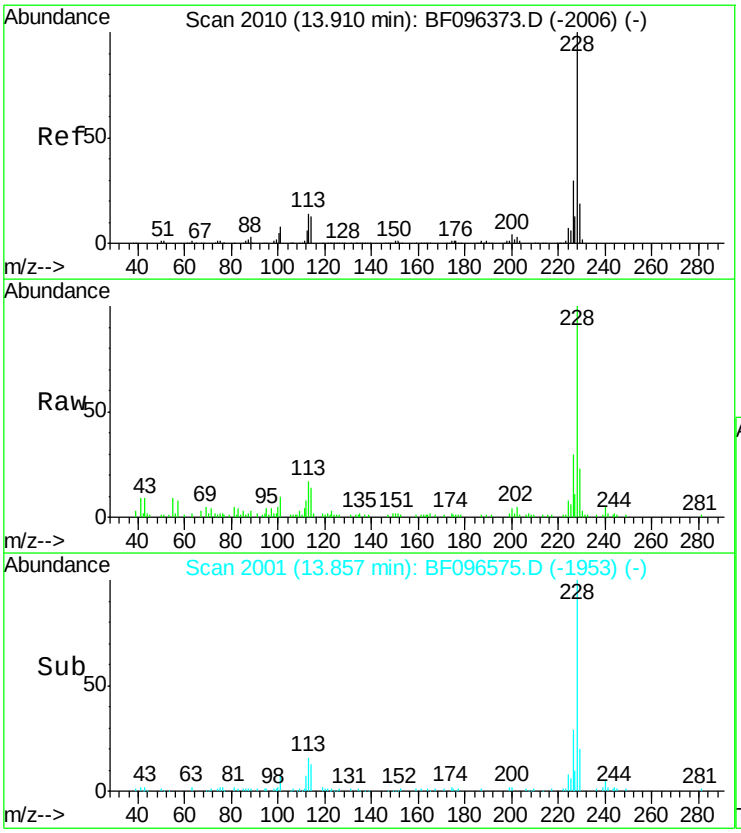
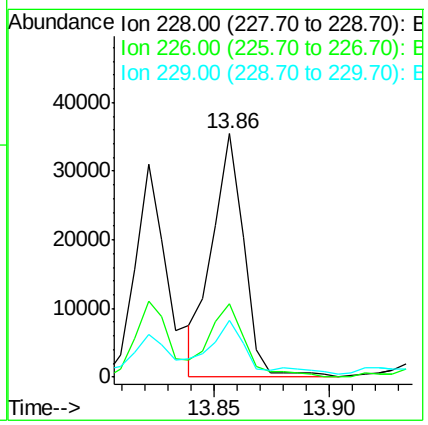
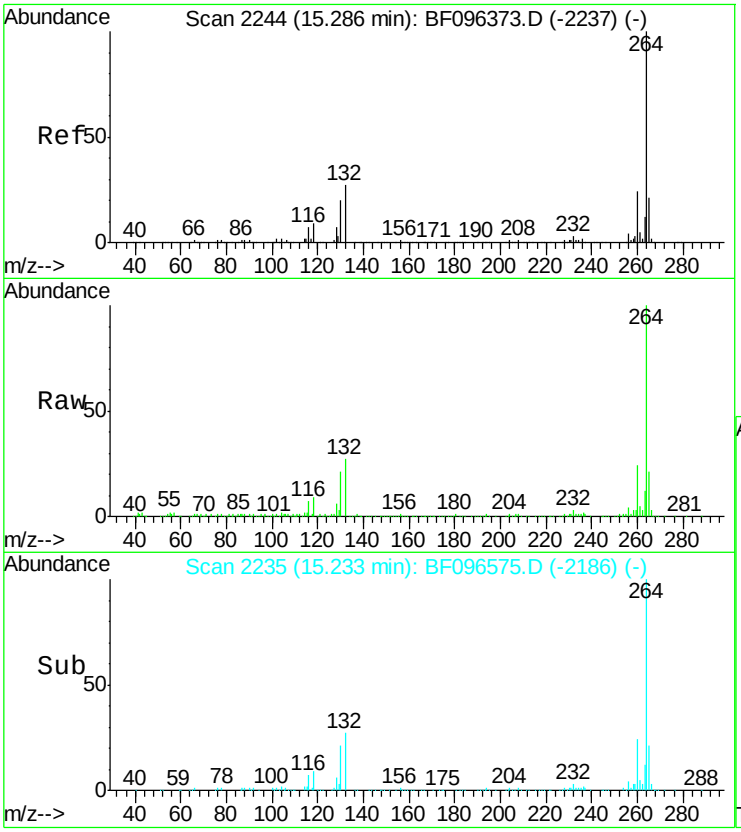


#82
Chrysene
Concen: 2.350 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:228 Resp: 33894

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	23.4	15.8	23.6

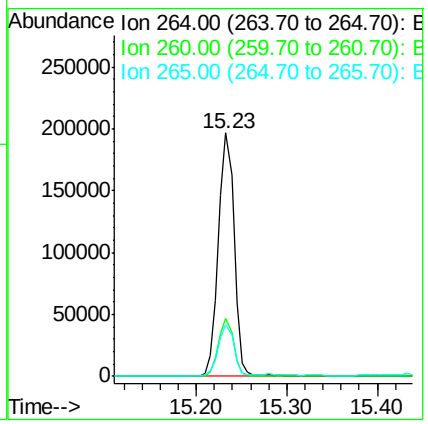




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:264 Resp: 236805

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.4	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

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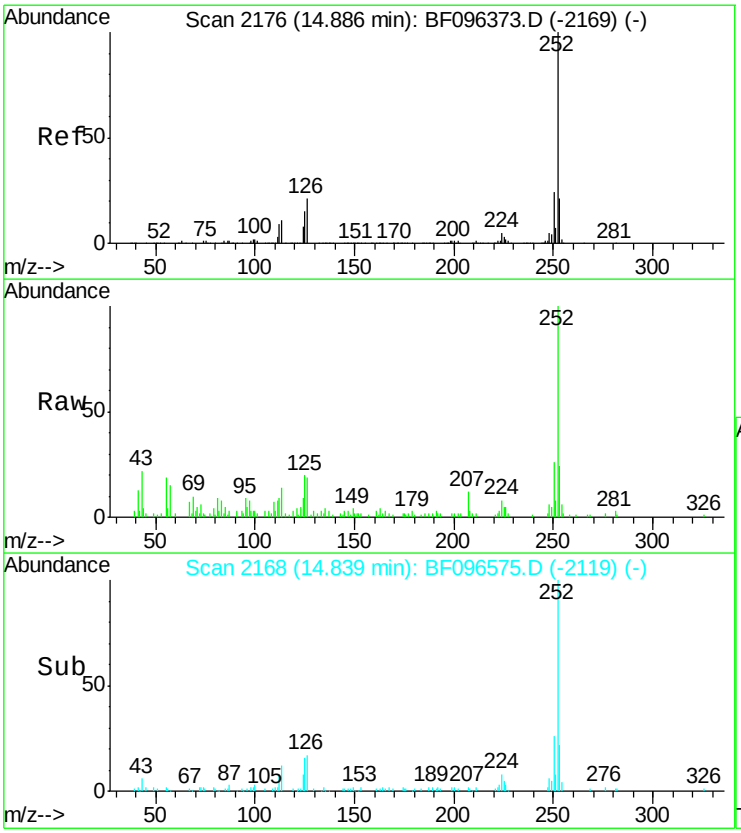
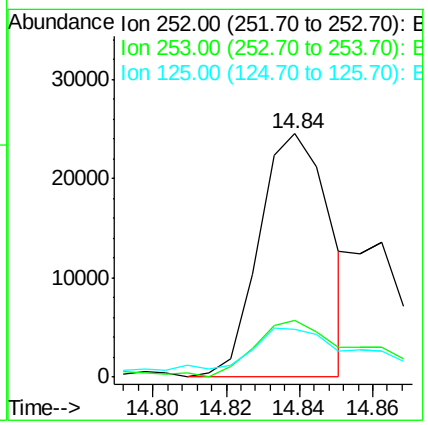
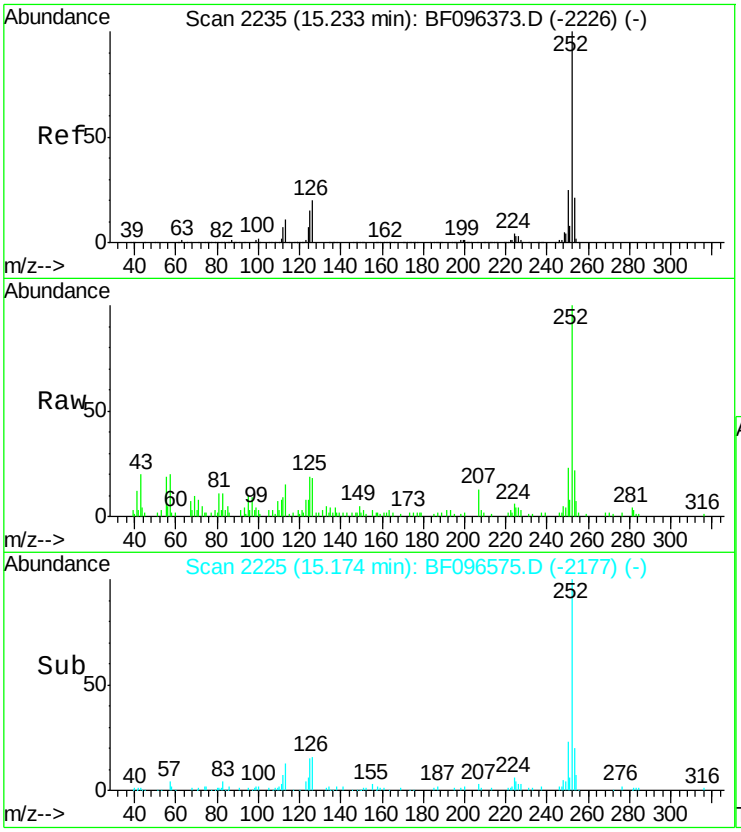


#87
Benzo(b)fluoranthene
Concen: 2.214 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:252 Resp: 32847

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	19.7	9.8	14.8#

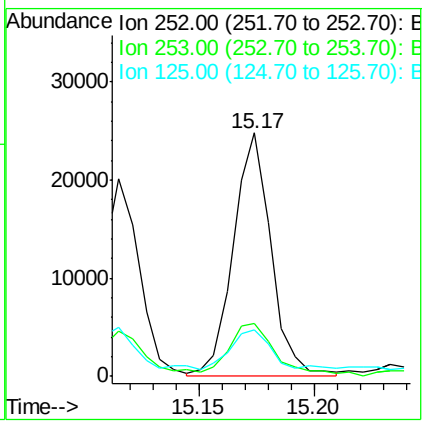




#89
Benzo(a)pyrene
Concen: 2.145 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF096575.D
Acq: 7 Jul 2017 22:44

Tgt Ion:252 Resp: 28419

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	19.0	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
AU-05-070517-B

Manual Integrations APPROVED
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