Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096281.D
Acq On : 29 Jun 2017 6:54
Operator : SJ/MA
Sample : I3928-03 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Q8-BASE

Manual Integrations APPROVED
mohammad
6/29/2017 6:00:20 PM

Quant Time: Jun 29 08:20:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	157413	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	607642	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	242999	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	395506	20.00	ng		0.01
75) Chrysene-d12	13.93	240	360676	20.00	ng		0.01
86) Perylene-d12	15.35	264	264601	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	221761	20.30	ng		0.00
7) Phenol-d6	6.40	99	266135	20.12	ng		0.01
23) Nitrobenzene-d5	7.33	82	133467	15.21	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	46763	24.45	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	195823	14.76	ng		-0.01
78) Terphenyl-d14	12.87	244	153895	10.65	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.77	142	235040	12.35	ng		98
51) Acenaphthene	9.85	154	41447	2.74	ng		96
74) Fluoranthene	12.50	202	159972	7.28	ng		97
77) Pyrene	12.73	202	177916	6.00	ng		97
80) Benzo(a)anthracene	13.92	228	68038	3.09	ng		98
82) Chrysene	13.95	228	67396	2.96	ng		97
87) Benzo(b)fluoranthene	14.94	252	53229m	3.06	ng		
88) Benzo(k)fluoranthene	14.94	252	71755	4.52	ng	#	94
89) Benzo(a)pyrene	15.29	252	39362	2.56	ng	#	89

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jun 29 08:20:28 2017
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Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

Manual Integrations APPROVED
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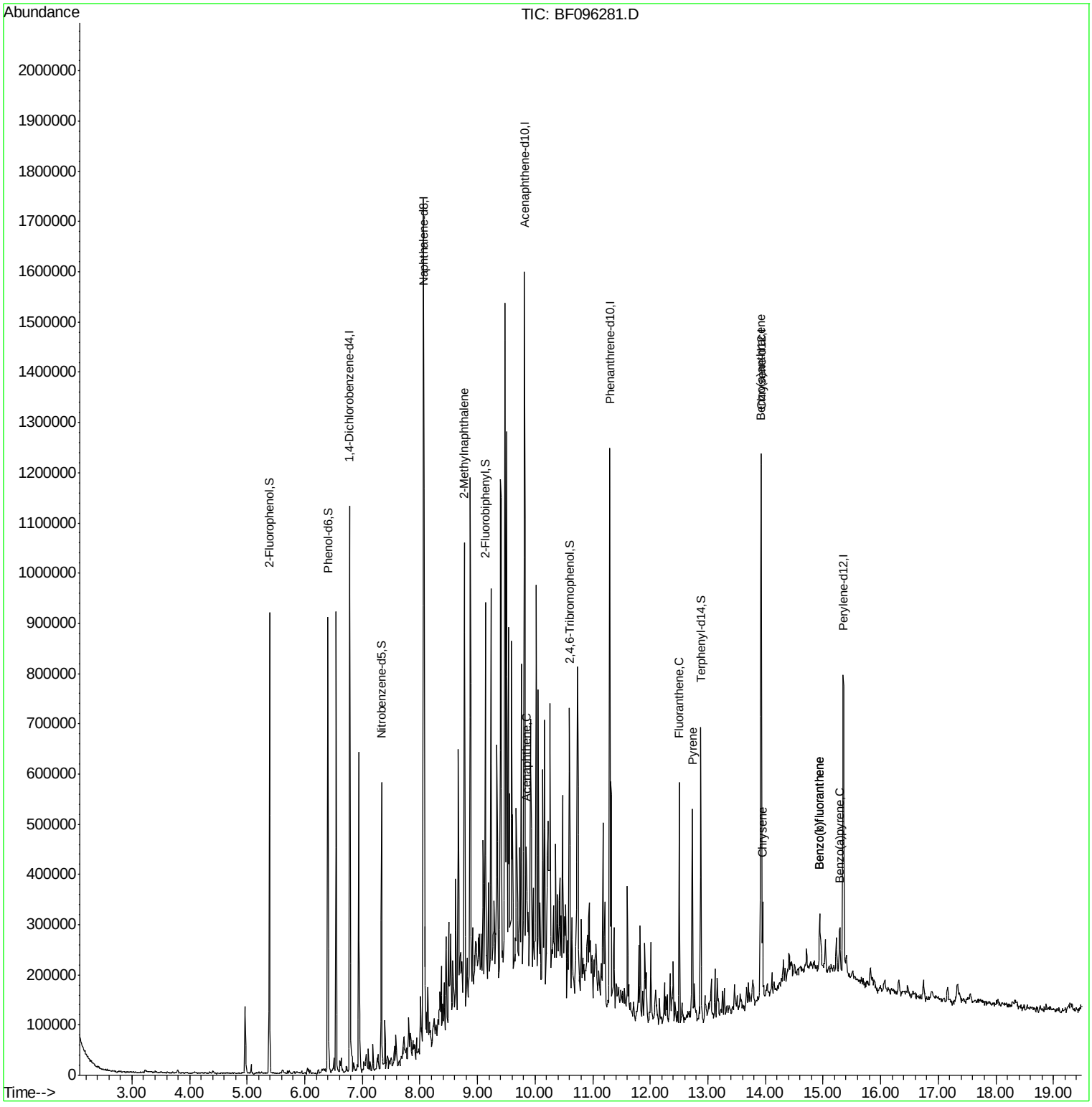
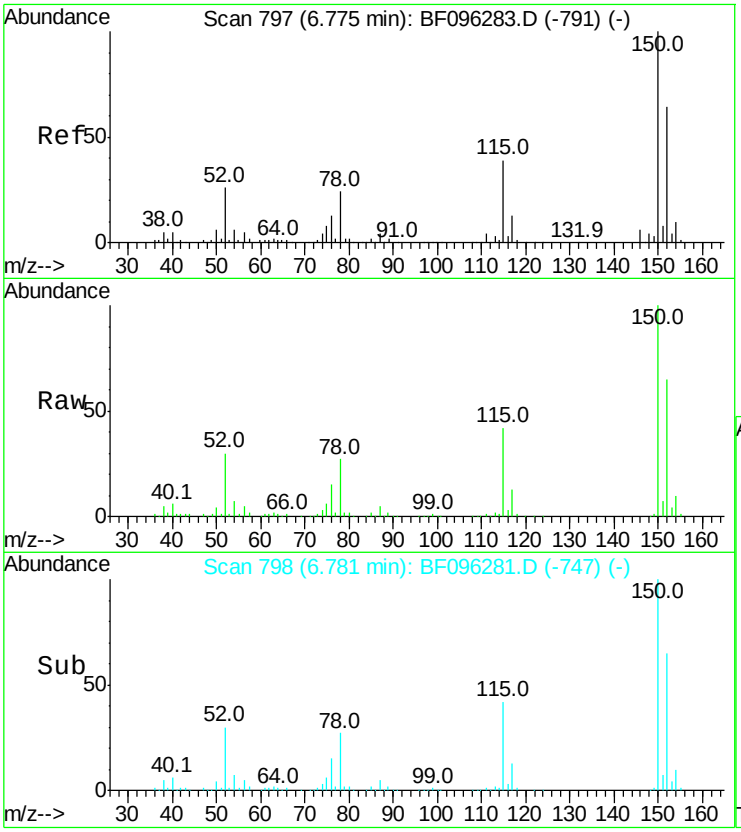
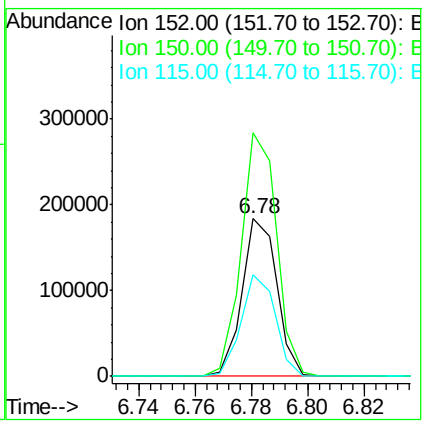




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:152 Resp: 157413

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	64.7	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

Manual Integrations APPROVED
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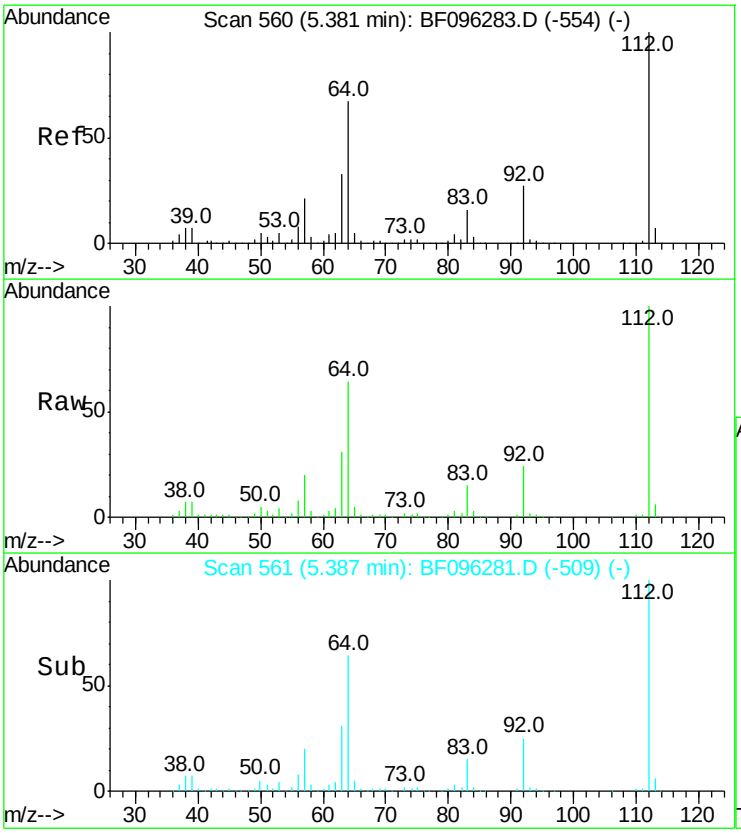
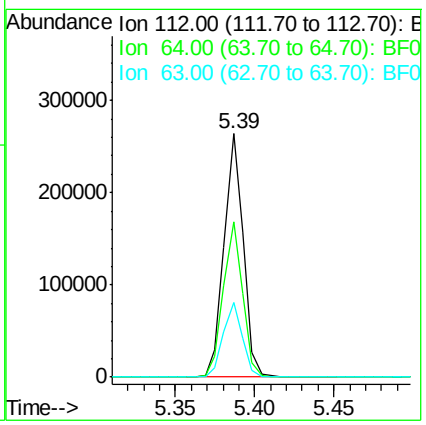
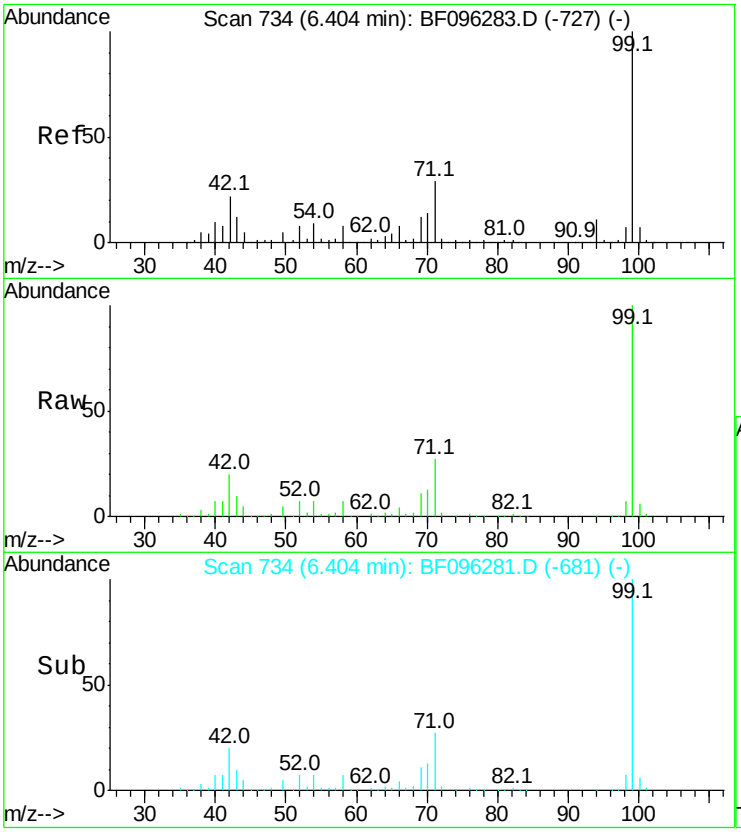


#5
2-Fluorophenol
Concen: 20.30 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:112 Resp: 221761

Ion	Ratio	Lower	Upper
112	100		
64	63.8	46.0	69.0
63	30.8	23.4	35.0

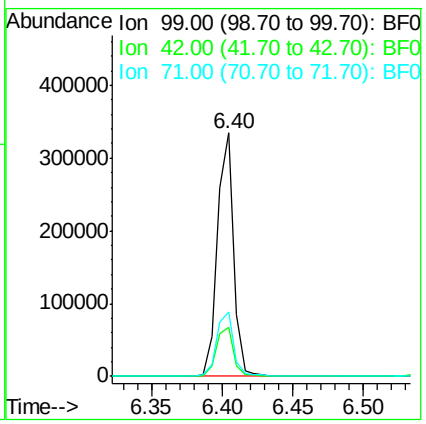




#7
Phenol-d6
Concen: 20.12 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion: 99 Resp: 266135

Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.5	20.3
71	26.7	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

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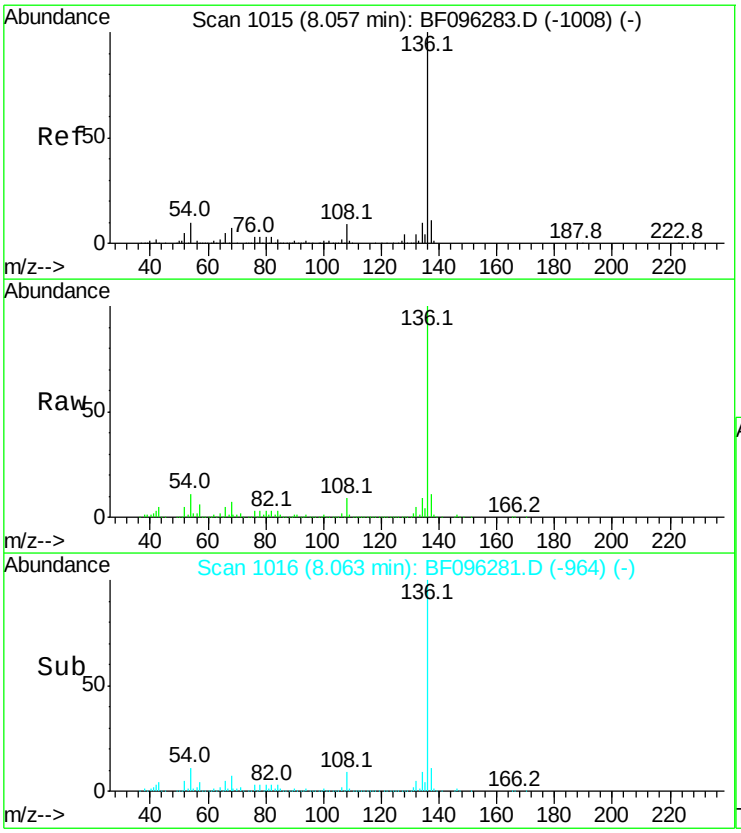
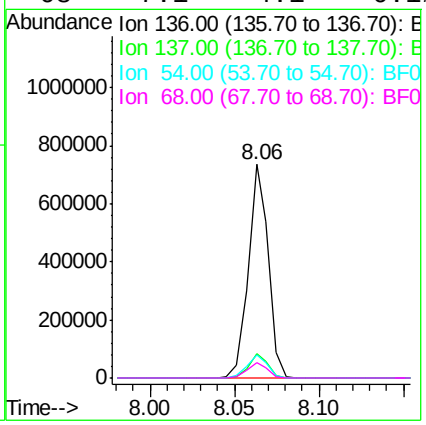
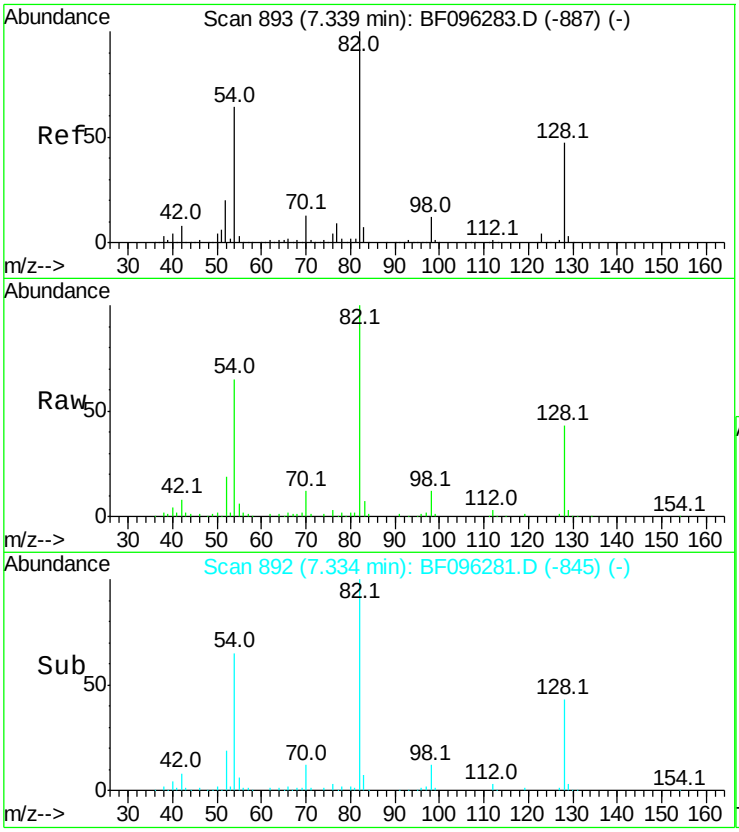


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:136 Resp: 607642

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.6	4.9	7.3#
68	7.1	4.1	6.1#

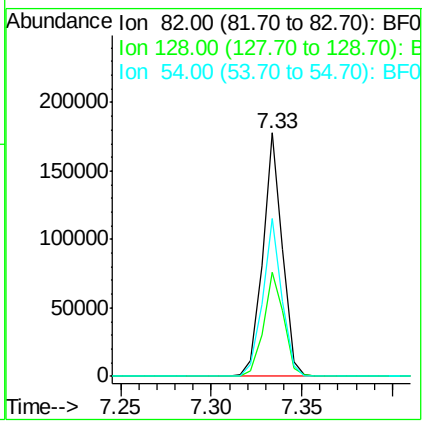




#23
Nitrobenzene-d5
Concen: 15.21 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion: 82 Resp: 133467

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	64.6	42.2	63.2#



Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

Manual Integrations APPROVED
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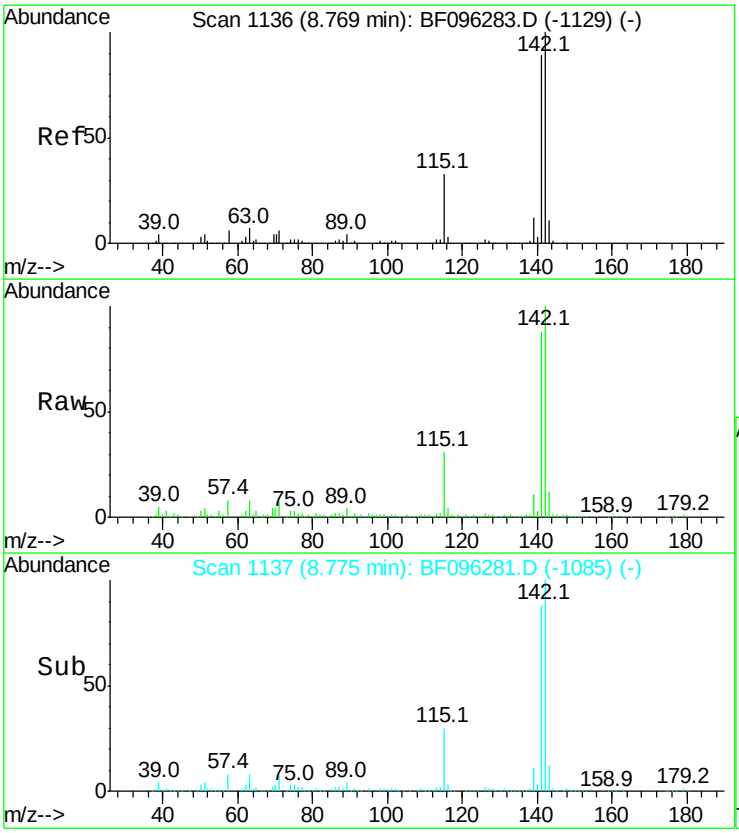
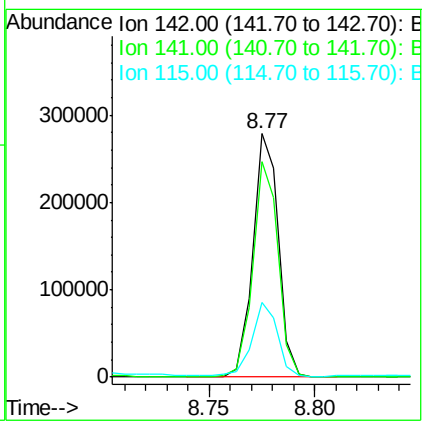
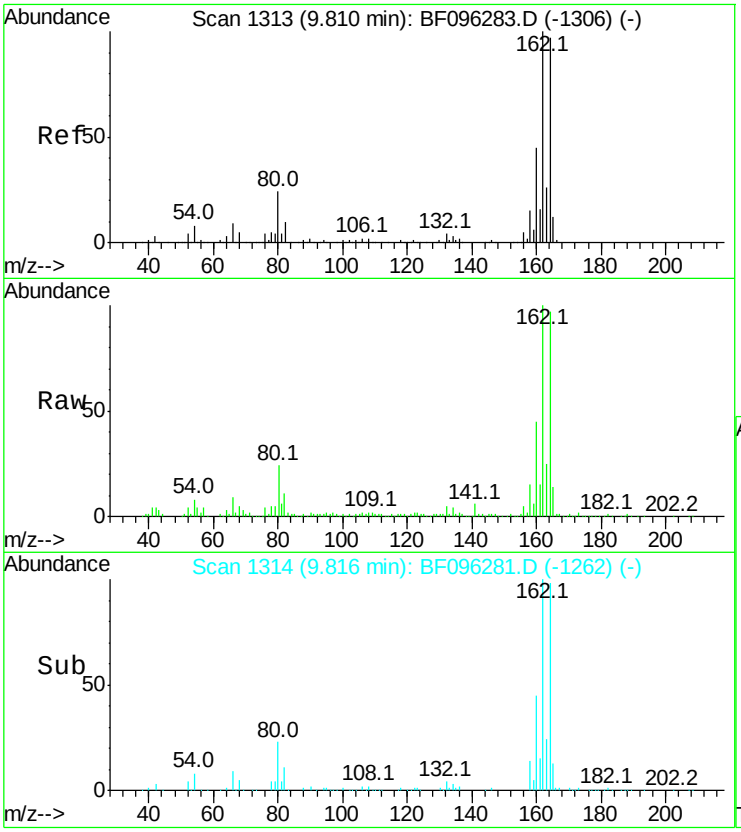


#37
2-Methylnaphthalene
Concen: 12.35 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:142 Resp: 235040

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	30.7	27.1	40.7

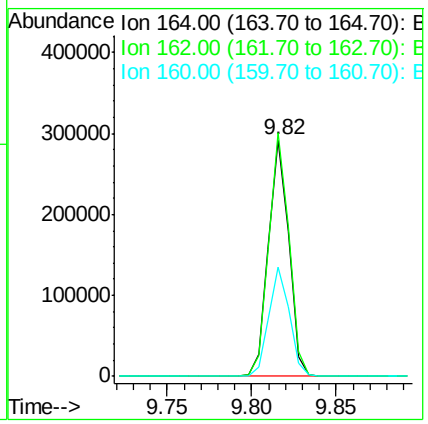




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:164 Resp: 242999

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	46.4	36.2	54.2



Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

Manual Integrations APPROVED
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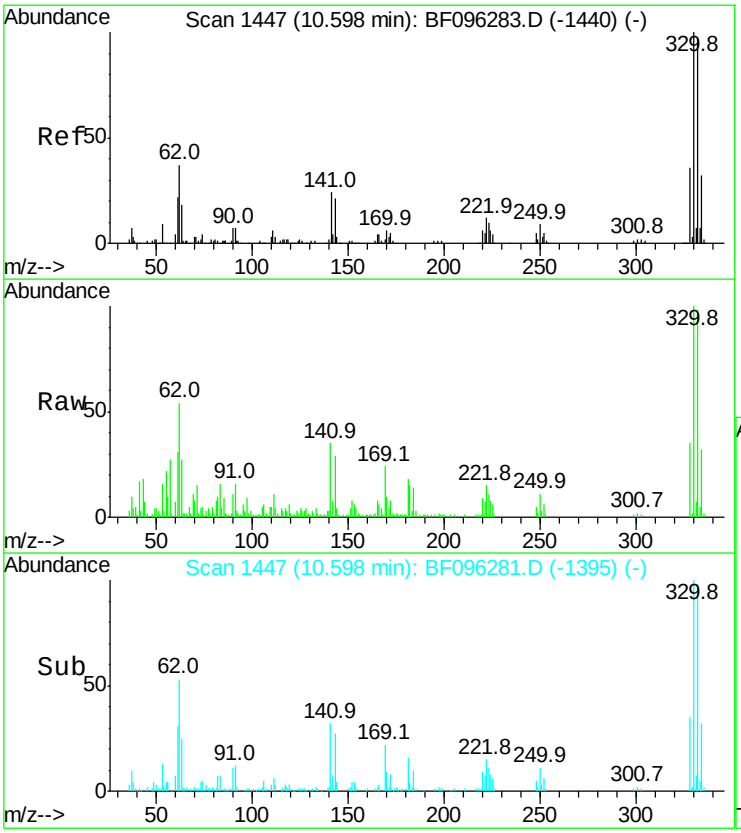
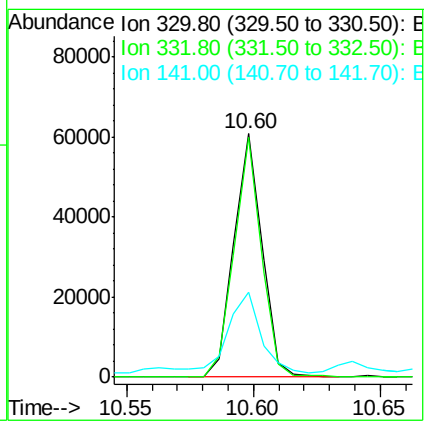
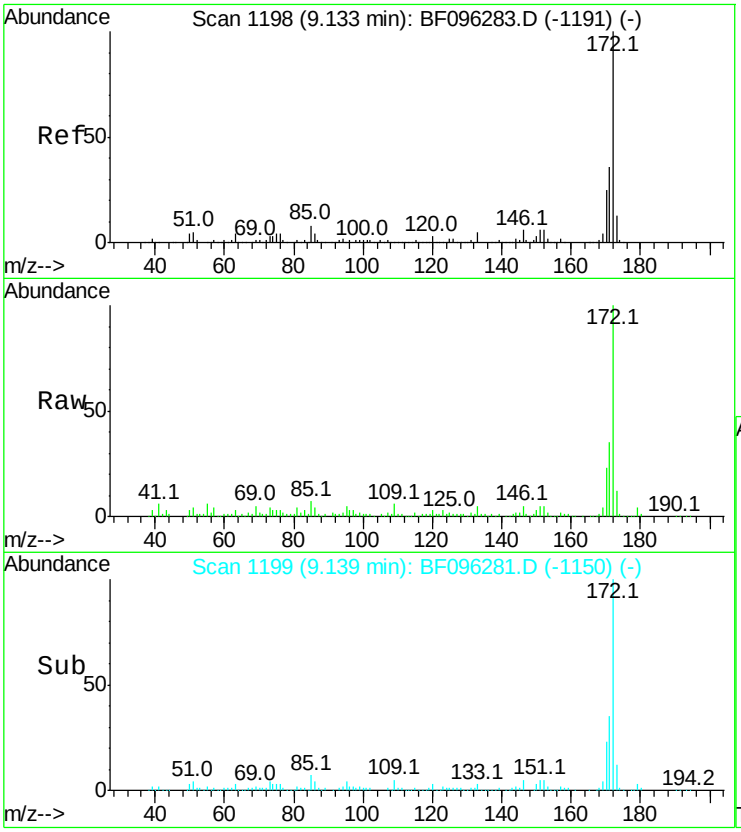


#41
2,4,6-Tribromophenol
Concen: 24.45 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:330 Resp: 46763

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	38.0	31.4	47.2

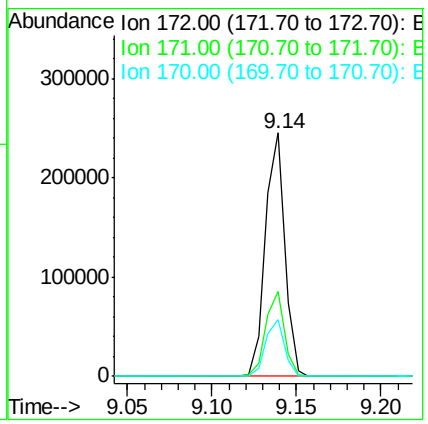




#44
2-Fluorobiphenyl
Concen: 14.76 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:172 Resp: 195823

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	23.1	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

Manual Integrations APPROVED
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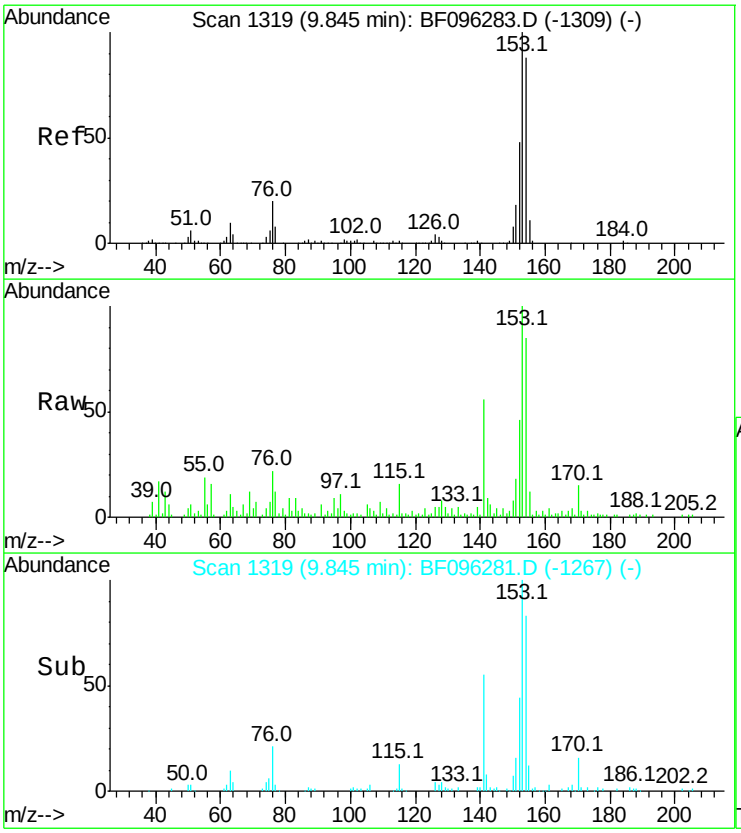
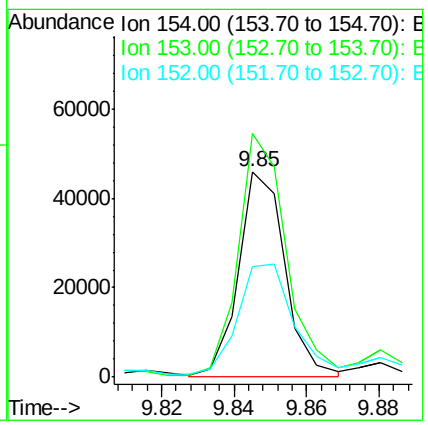
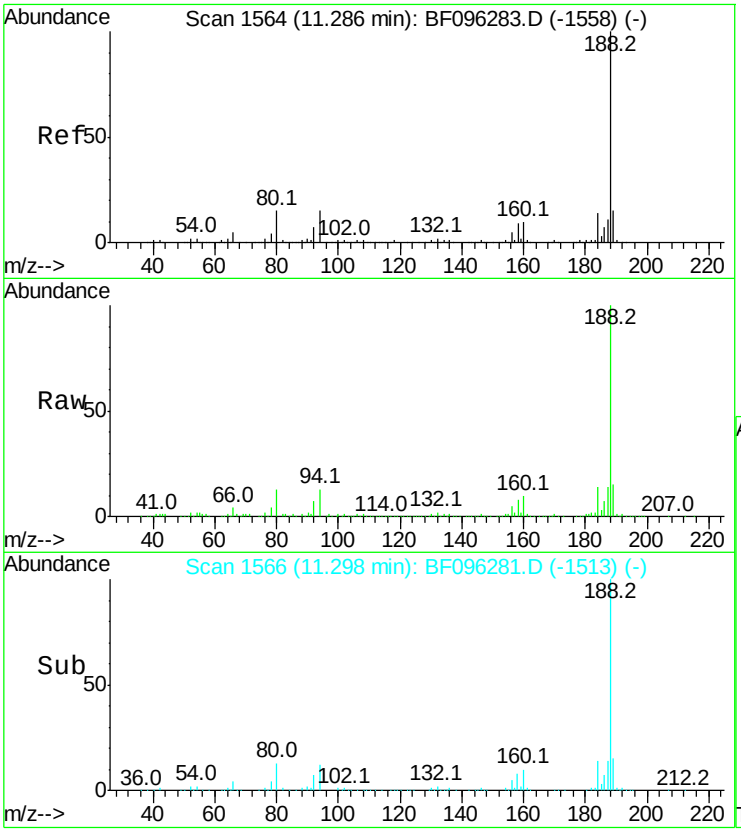


#51
Acenaphthene
Concen: 2.74 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:154 Resp: 41447

Ion	Ratio	Lower	Upper
154	100		
153	118.3	90.5	135.7
152	53.8	43.6	65.4

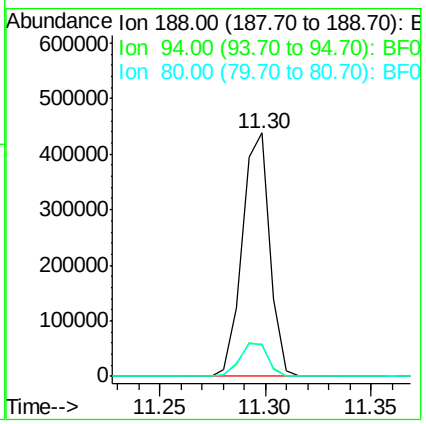




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:188 Resp: 395506

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	13.1	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

Manual Integrations APPROVED
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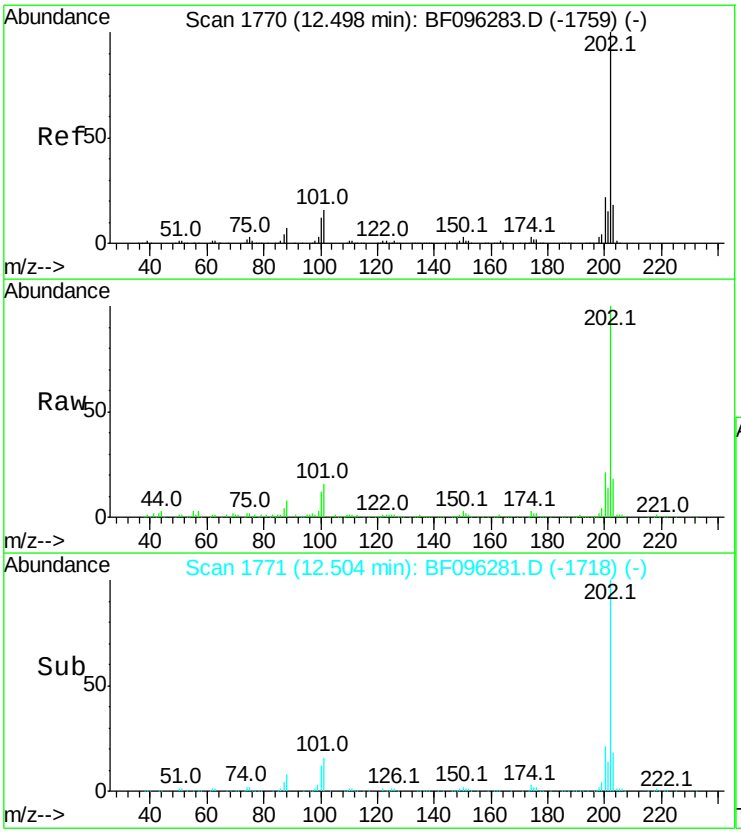
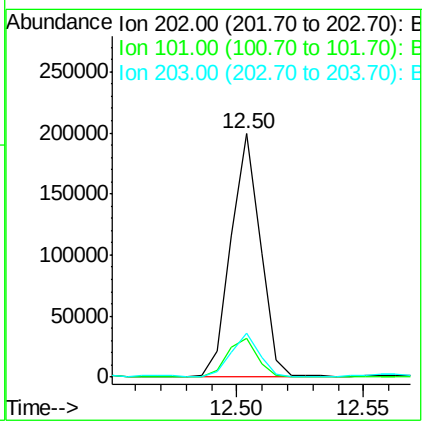
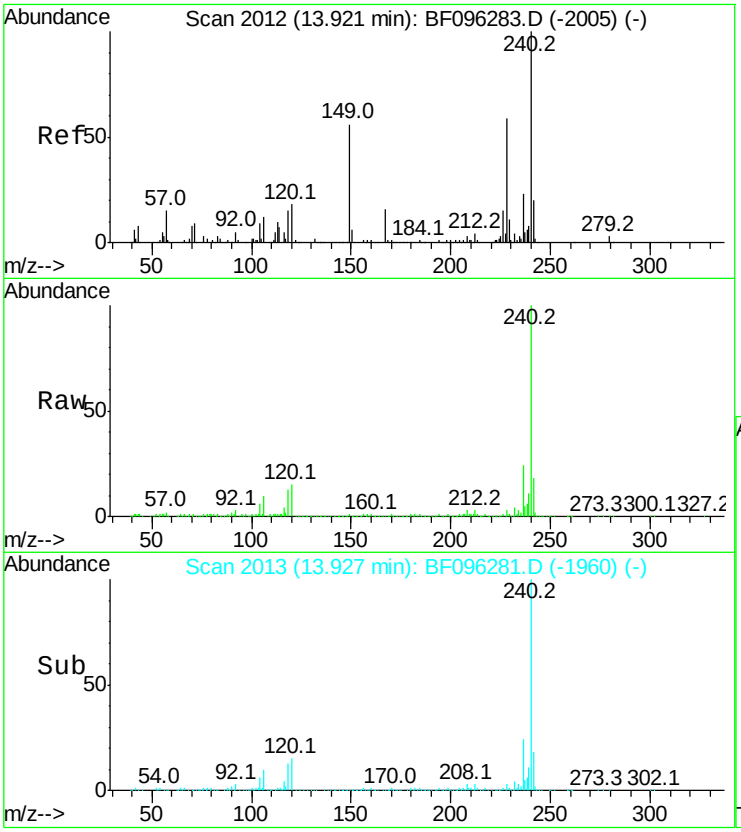


#74
Fluoranthene
Concen: 7.28 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:202 Resp: 159972

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	33.2
203	18.1	0.0	38.1

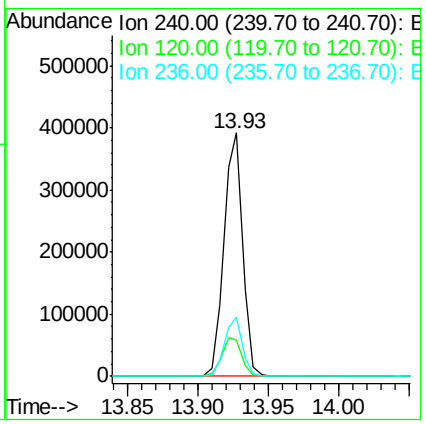




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:240 Resp: 360676

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	24.3	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

Manual Integrations APPROVED
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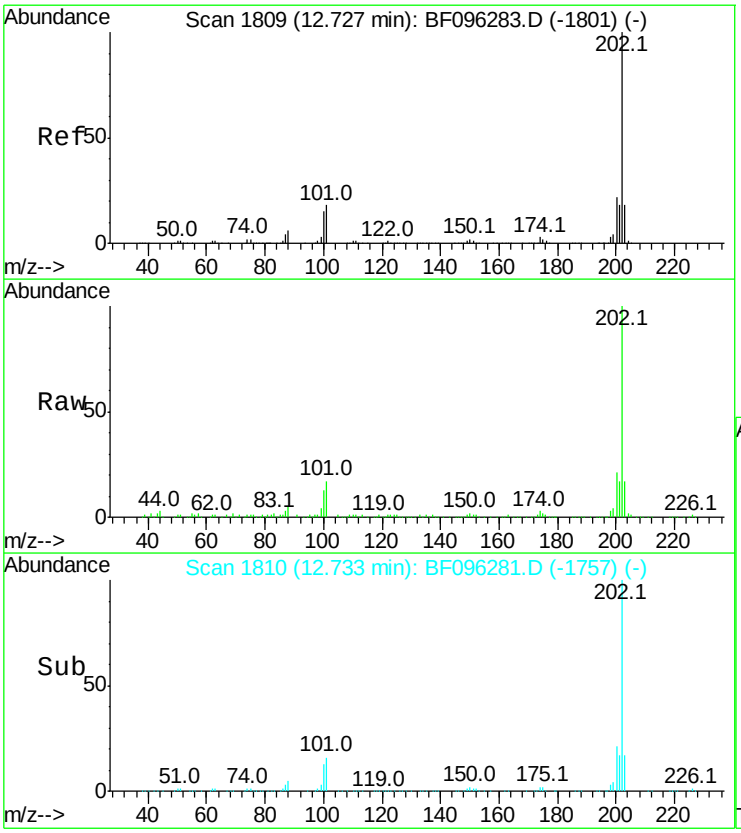
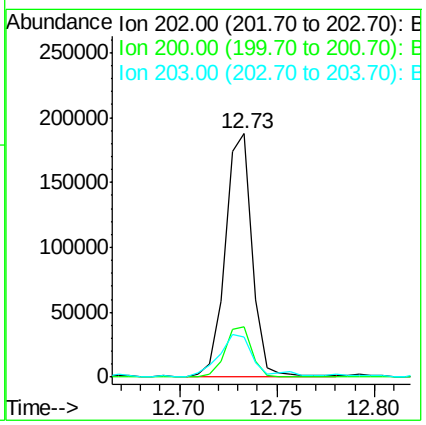
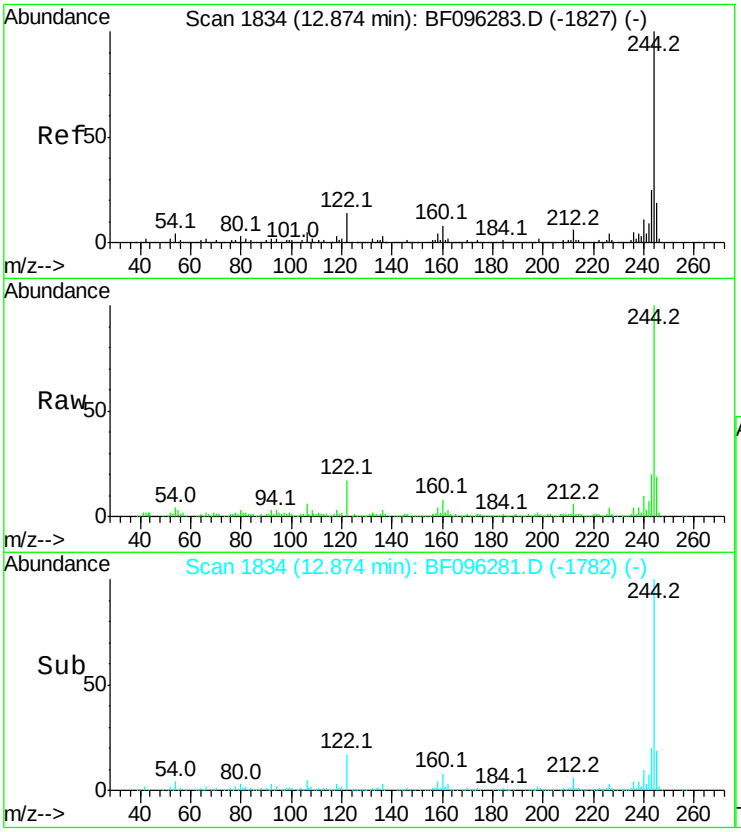


#77
Pyrene
Concen: 6.00 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:202 Resp: 177916

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	16.7	14.4	21.6





#78
Terphenyl-d14
Concen: 10.65 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:244 Resp: 153895

Ion	Ratio	Lower	Upper
244	100		
212	5.7	6.0	9.0#
122	16.9	10.3	15.5#

Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

Manual Integrations APPROVED
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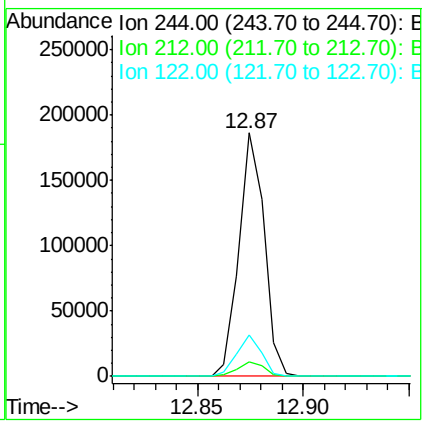
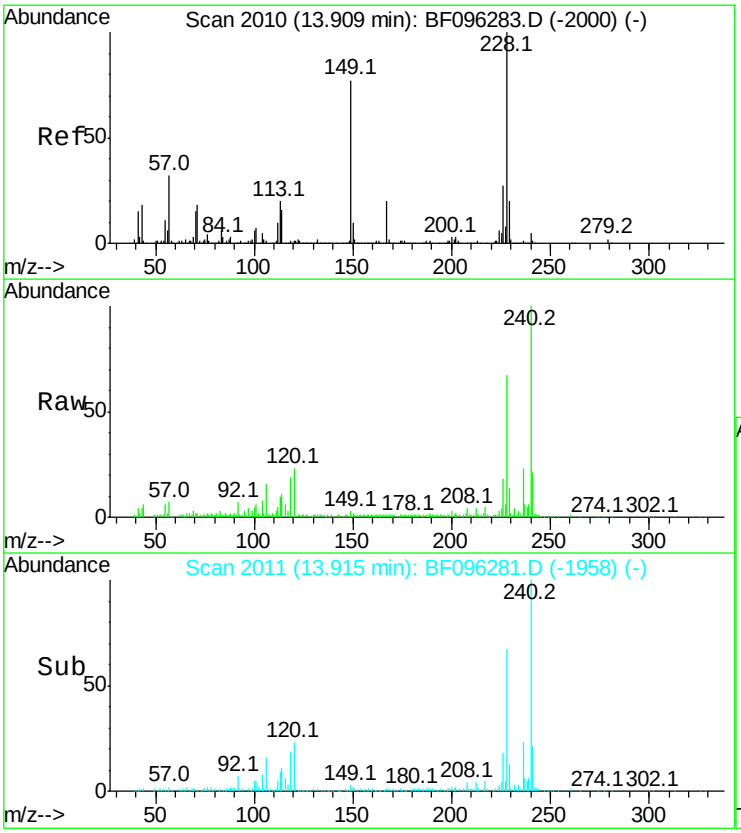
6/29/2017 6:00:20 PM

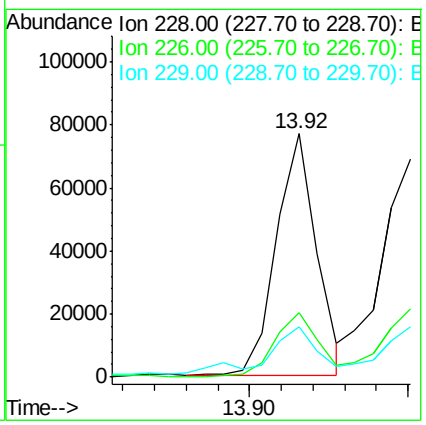


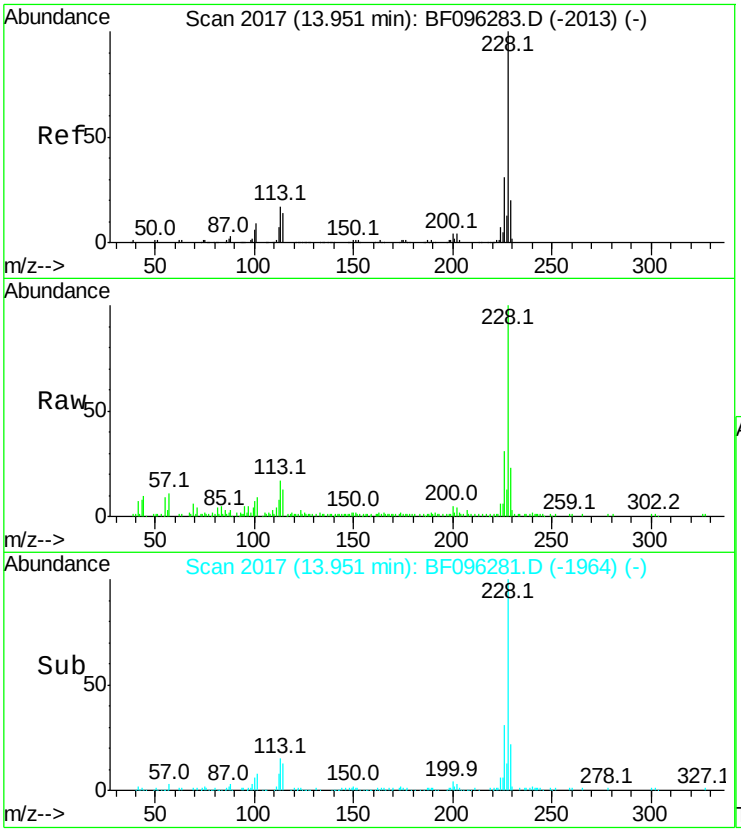


#80
Benzo(a)anthracene
Concen: 3.09 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:228 Resp: 68038

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	20.6	16.3	24.5

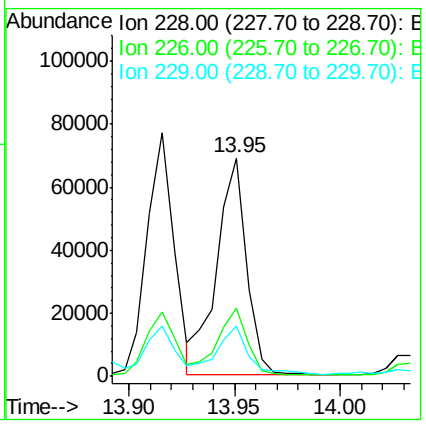




#82
Chrysene
Concen: 2.96 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:228 Resp: 67396

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	22.9	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

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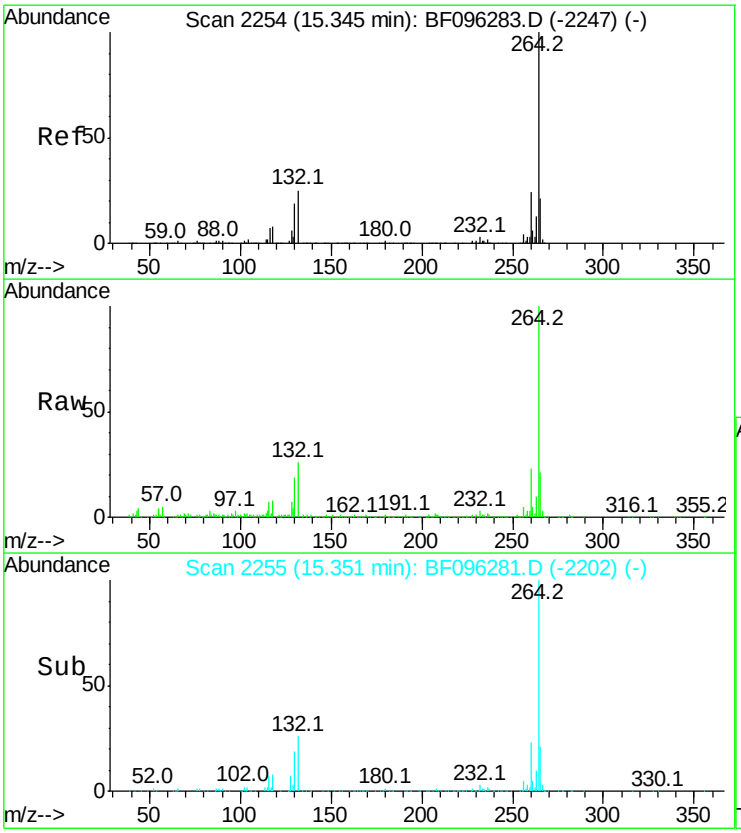
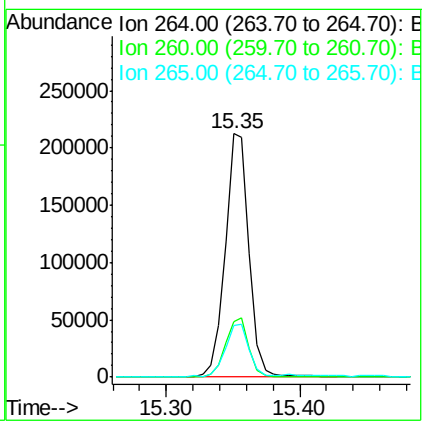
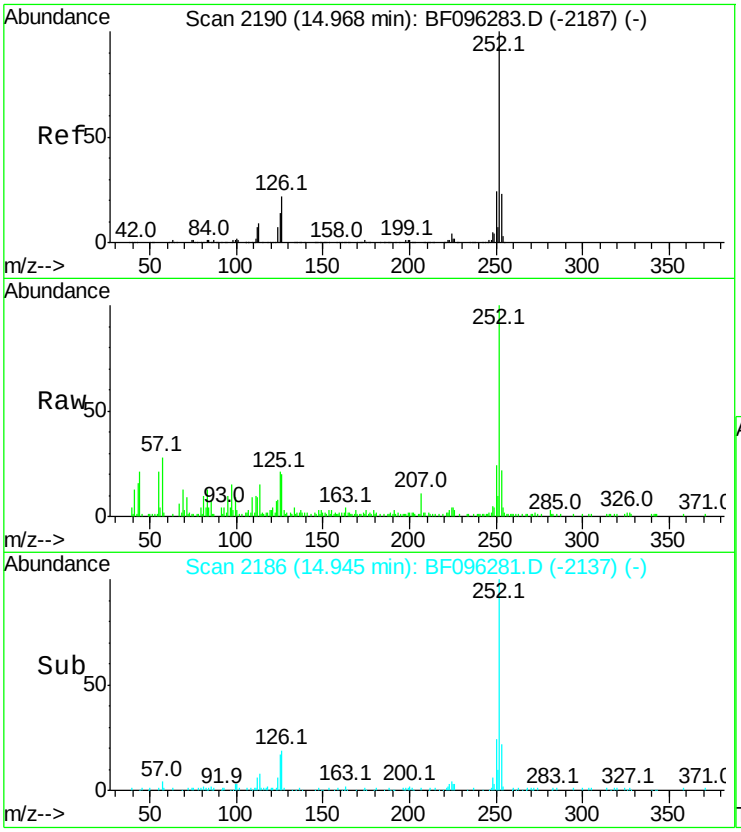


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:264 Resp: 264601

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.1	17.2	25.8

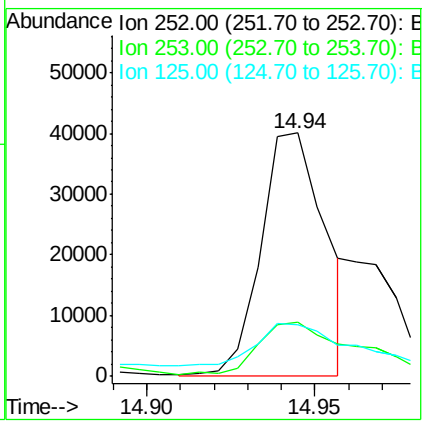




#87
Benzo(b)fluoranthene
Concen: 3.06 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:252 Resp: 53229

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	21.3	9.8	14.8#



Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

Manual Integrations APPROVED
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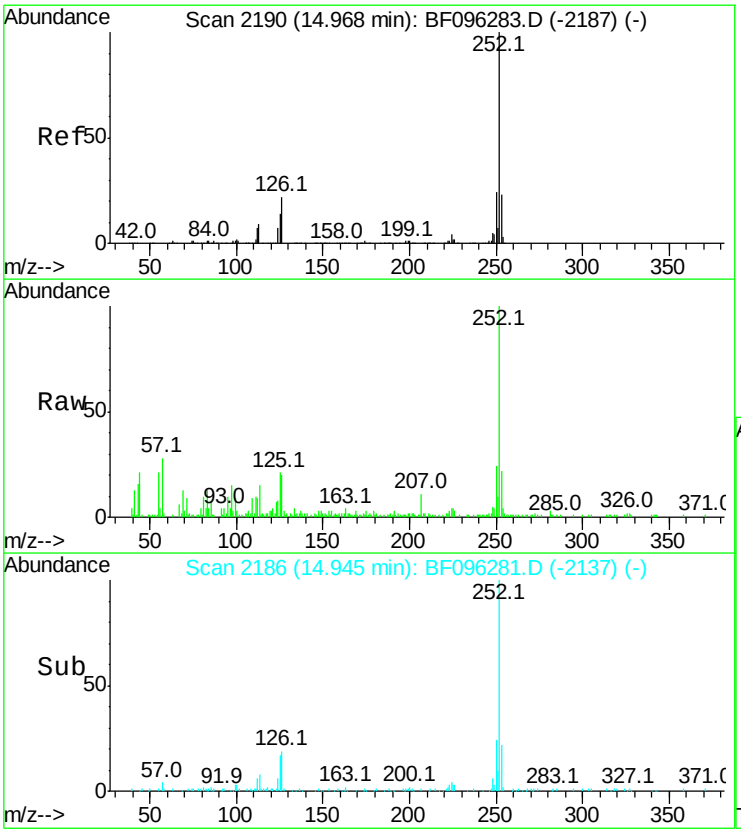
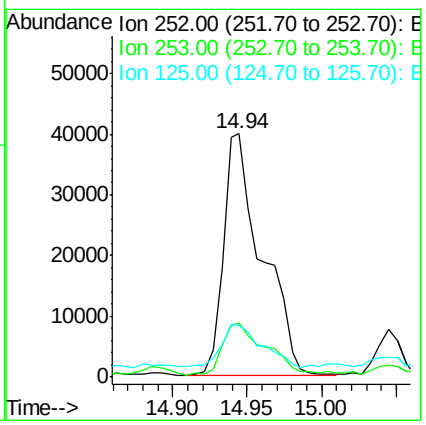
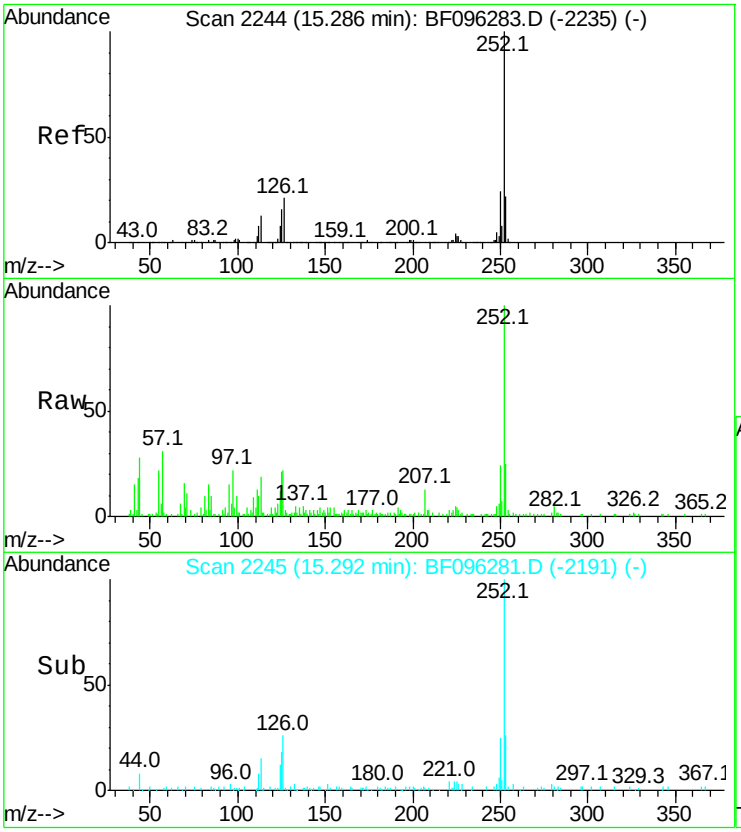


#88
Benzo(k)fluoranthene
Concen: 4.52 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:252 Resp: 71755

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	21.3	13.1	19.7#

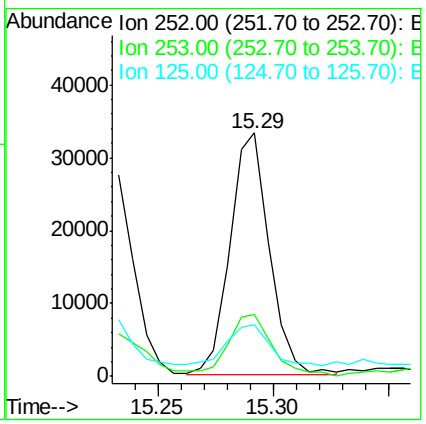




#89
Benzo(a)pyrene
Concen: 2.56 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF096281.D
Acq: 29 Jun 2017 6:54

Tgt Ion:252 Resp: 39362

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	21.2	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
E2-Q8-BASE

Manual Integrations APPROVED
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