Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096742.D
Acq On : 13 Jul 2017 22:06
Operator : SJ/JU
Sample : I4069-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(6.5-7.0)

Manual Integrations APPROVED
mohammad
7/17/2017 8:11:23 AM

Quant Time: Jul 14 12:10:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	111238	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	427806	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	163420	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	228075	20.00	ng	0.00
75) Chrysene-d12	13.77	240	201912	20.00	ng	0.00
86) Perylene-d12	15.16	264	150219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	344395	46.55	ng	0.00
7) Phenol-d6	6.27	99	401836	45.26	ng	-0.01
23) Nitrobenzene-d5	7.19	82	228852	33.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	57671	41.34	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	370136	35.78	ng	0.00
78) Terphenyl-d14	12.73	244	221660	19.04	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	41972	3.411	ng	# 97
70) Phenanthrene	11.16	178	81704	6.588	ng	96
74) Fluoranthene	12.35	202	126682	10.672	ng	98
77) Pyrene	12.57	202	124466	6.792	ng	99
80) Benzo(a)anthracene	13.76	228	62150	4.940	ng	95
82) Chrysene	13.80	228	58226	4.701	ng	97
85) Indeno(1,2,3-cd)pyrene	16.47	276	23513	5.300	ng	99
87) Benzo(b)fluoranthene	14.77	252	61880m	6.830	ng	
88) Benzo(k)fluoranthene	14.79	252	22879m	2.667	ng	
89) Benzo(a)pyrene	15.10	252	42150	5.072	ng	# 85
91) Benzo(g,h,i)perylene	16.86	276	22265	2.719	ng	# 93

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096742.D
Acq On : 13 Jul 2017 22:06
Operator : SJ/JU
Sample : I4069-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 14 12:10:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Manual Integrations APPROVED
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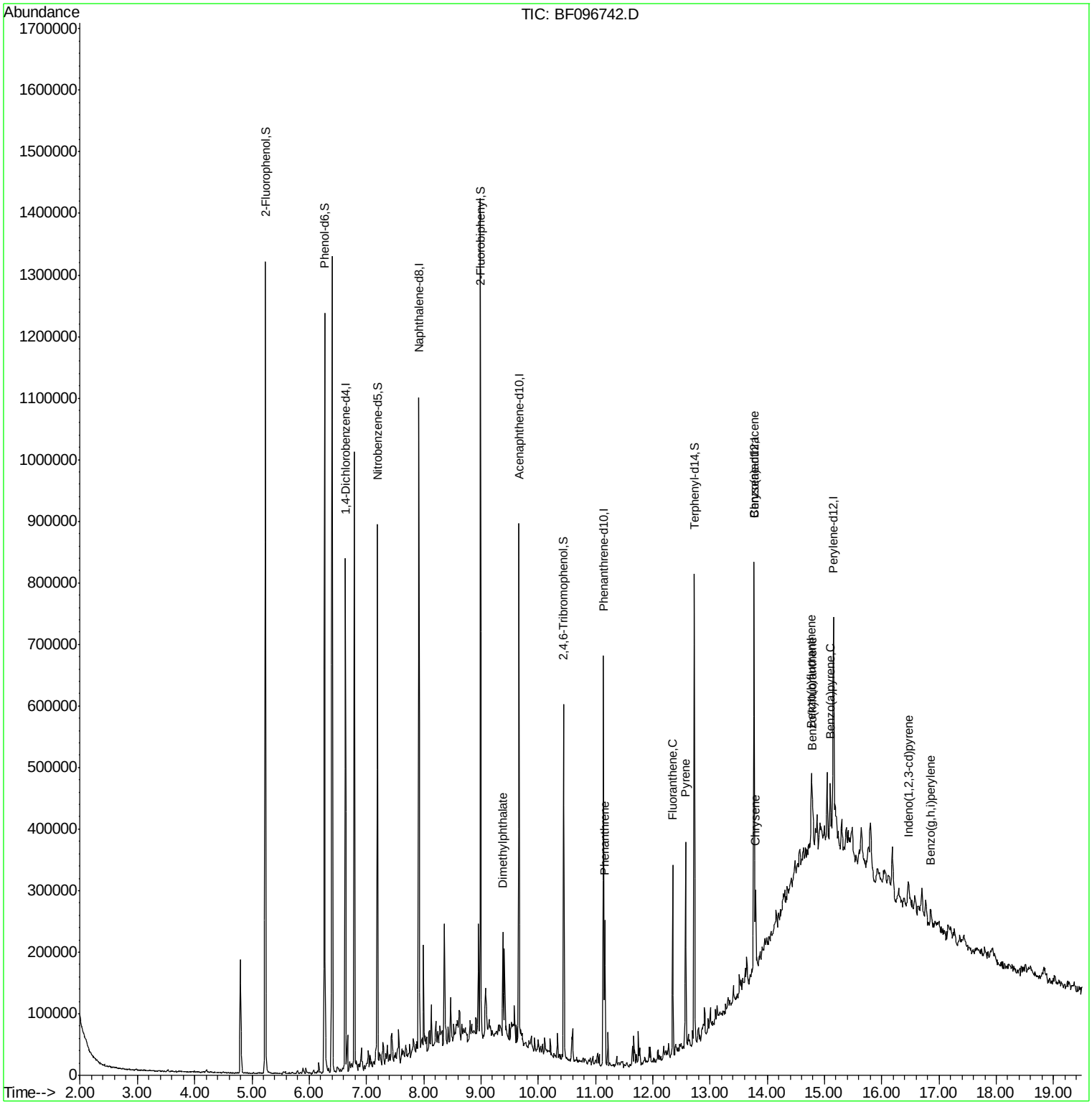
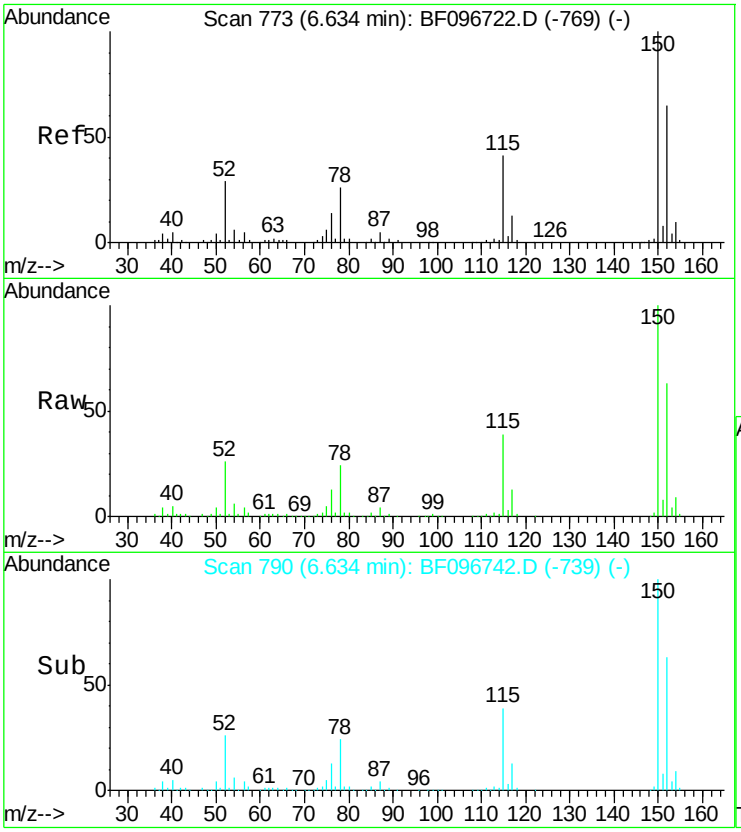
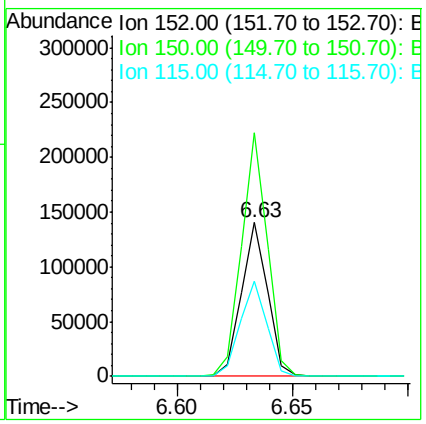




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:152 Resp: 111238

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	61.6	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Manual Integrations APPROVED
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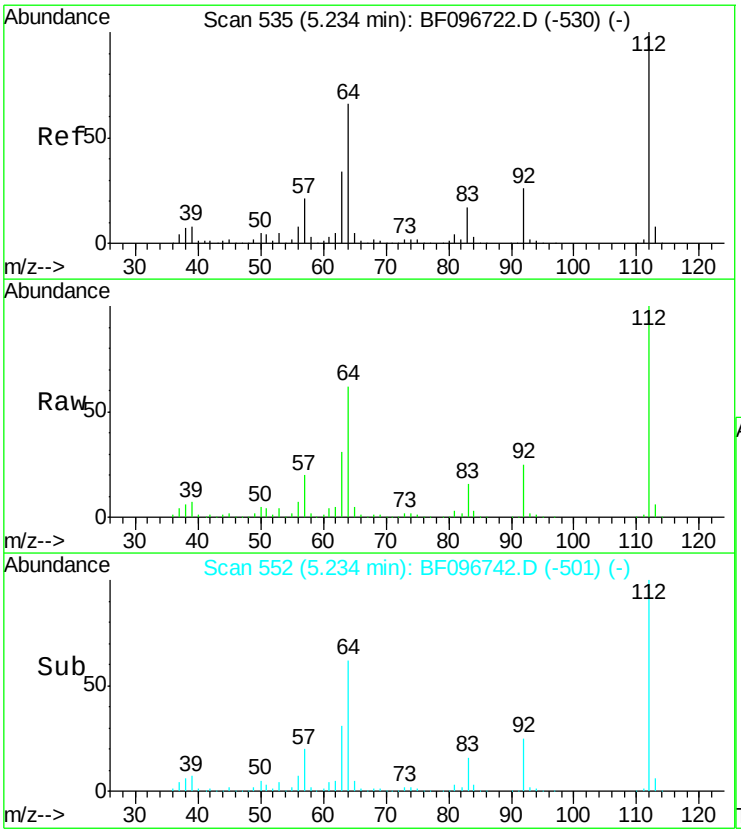
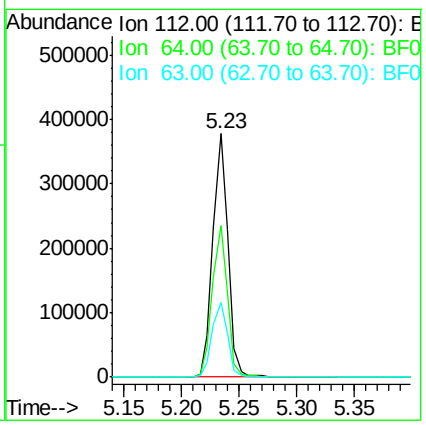
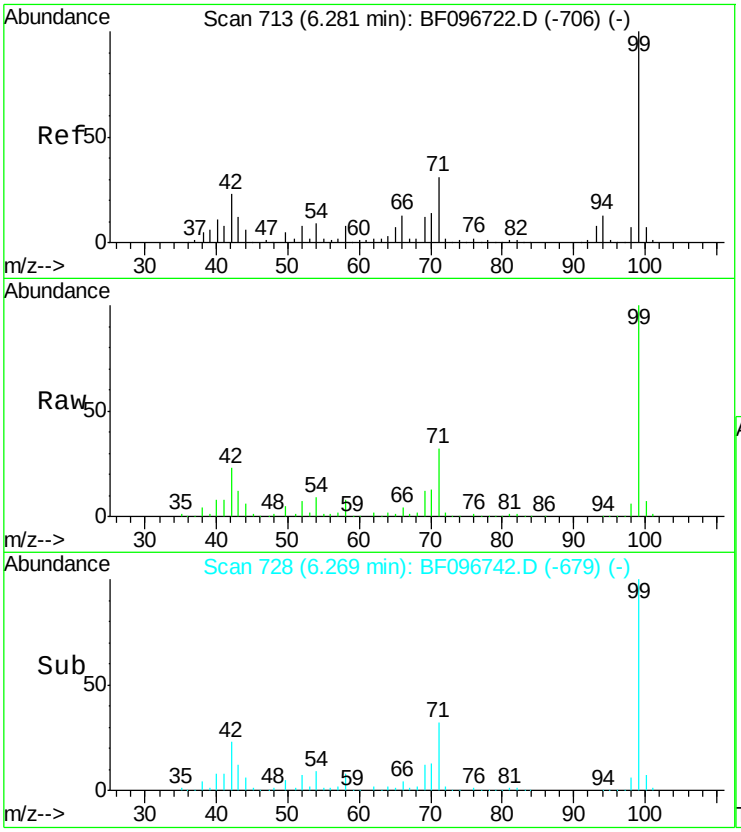


#5
2-Fluorophenol
Concen: 46.551 ng
RT: 5.23 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:112 Resp: 344395

Ion	Ratio	Lower	Upper
112	100		
64	62.0	46.0	69.0
63	30.9	23.4	35.0

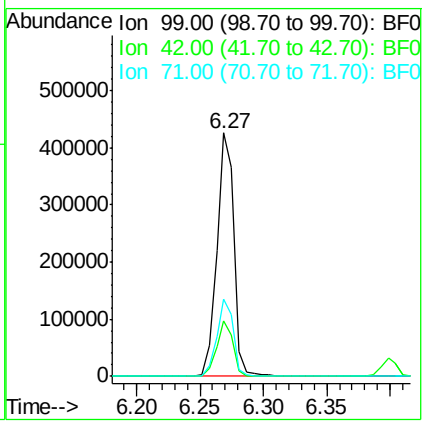




#7
Phenol-d6
Concen: 45.262 ng
RT: 6.27 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion: 99 Resp: 401836

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.7	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

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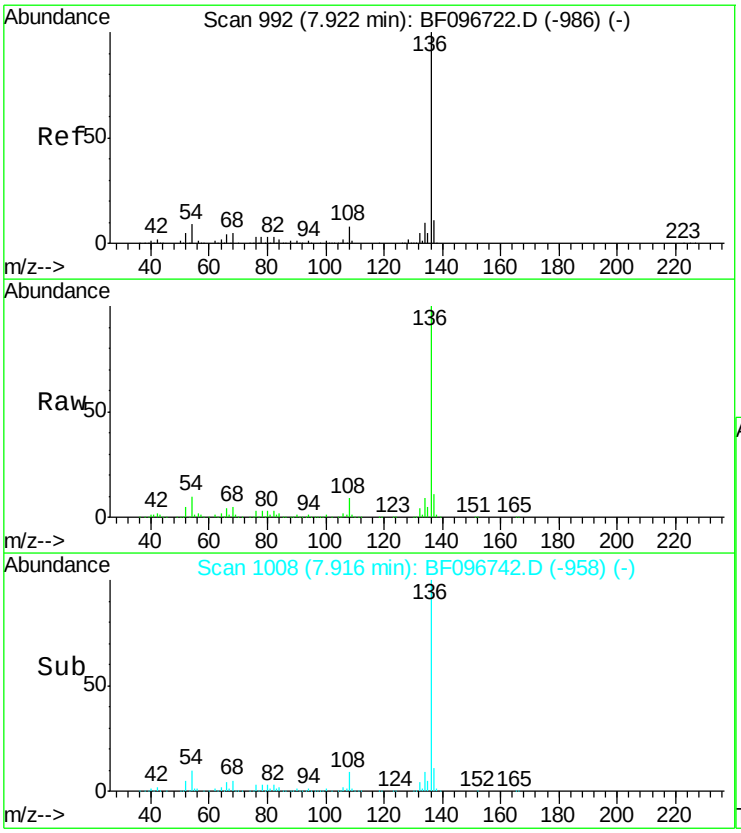
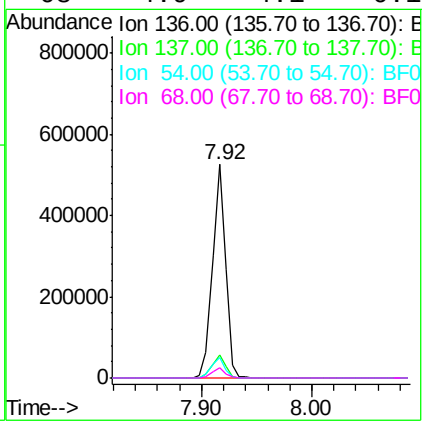
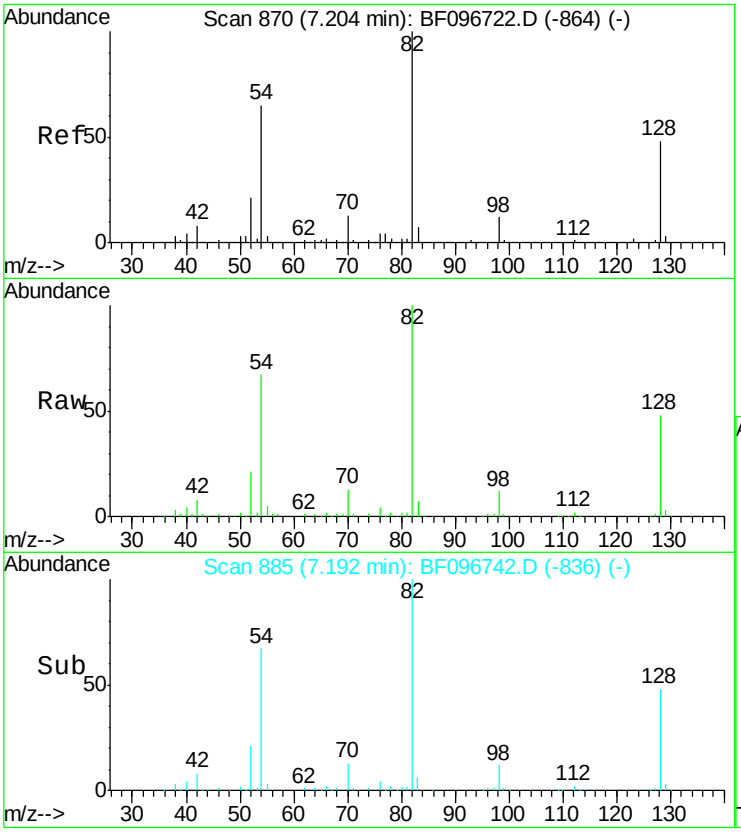


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:136 Resp: 427806

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.8	4.9	7.3#
68	4.9	4.1	6.1

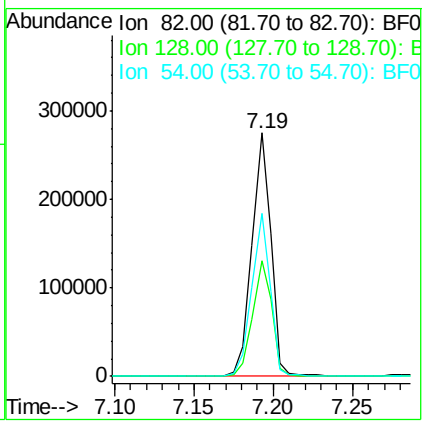




#23
Nitrobenzene-d5
Concen: 33.135 ng
RT: 7.19 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion: 82 Resp: 228852

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	67.1	42.2	63.2#



Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

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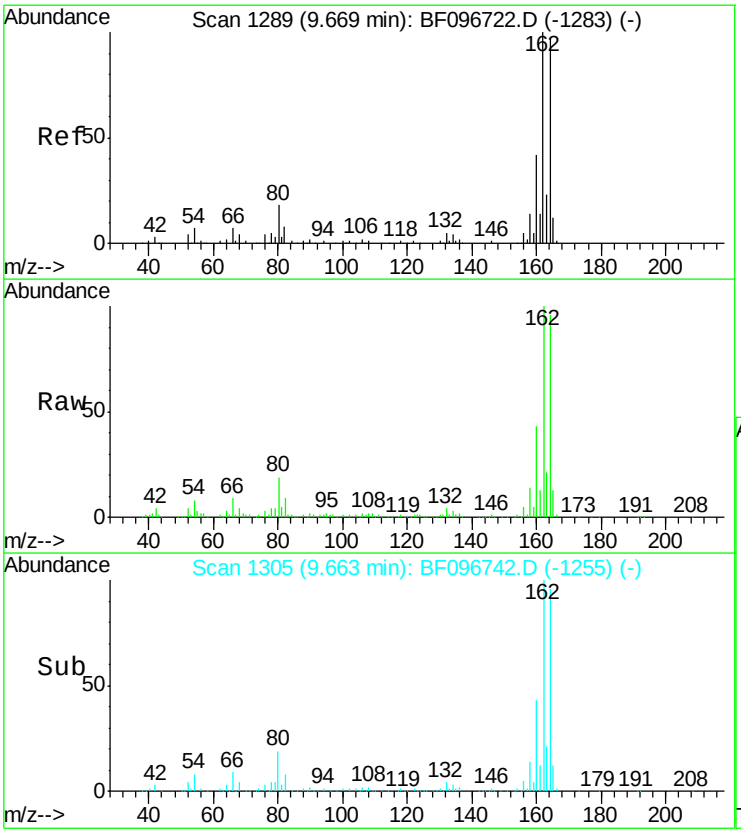
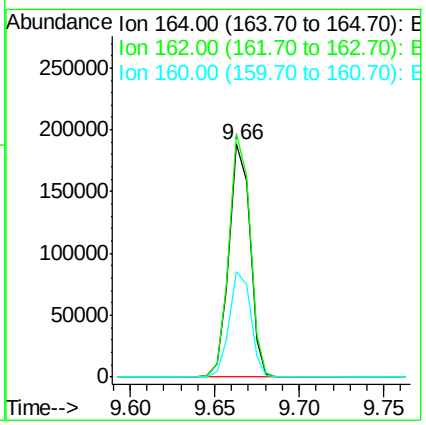
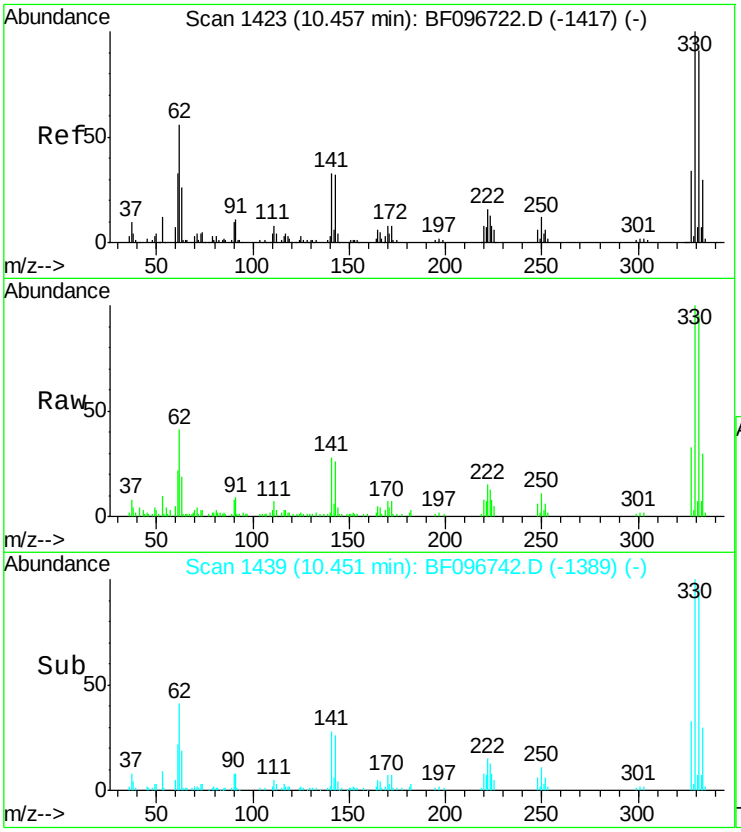


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:164 Resp: 163420

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	45.3	36.2	54.2

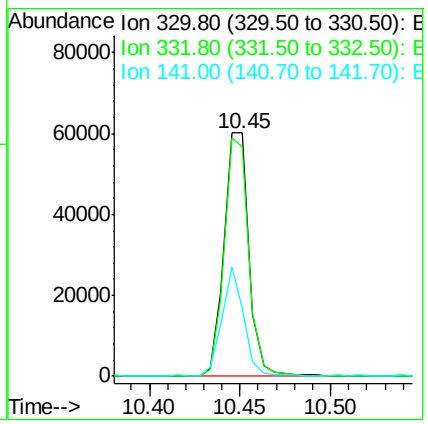




#41
2,4,6-Tribromophenol
Concen: 41.343 ng
RT: 10.45 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:330 Resp: 57671

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	39.4	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Manual Integrations APPROVED
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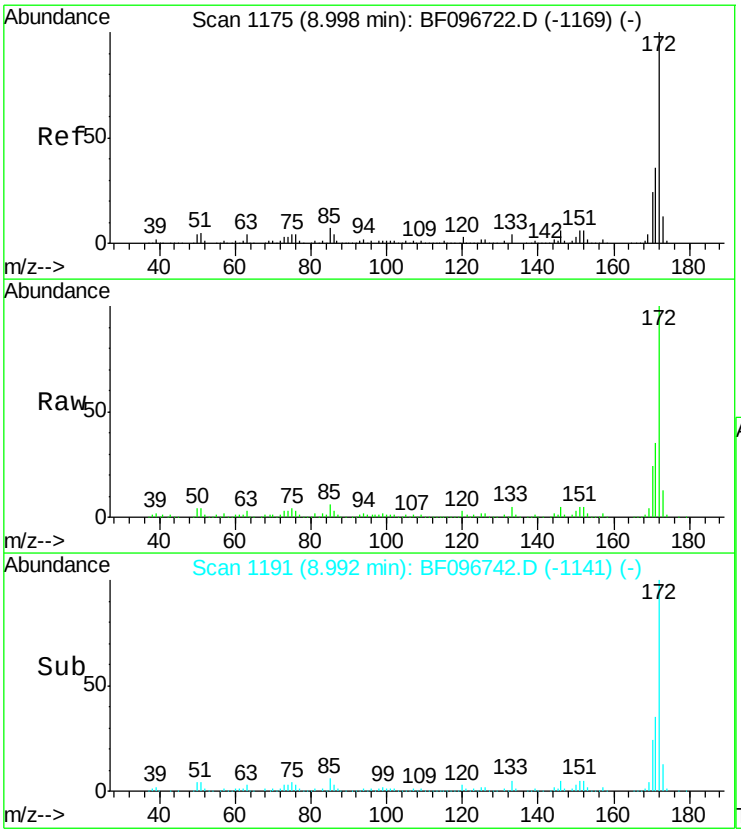
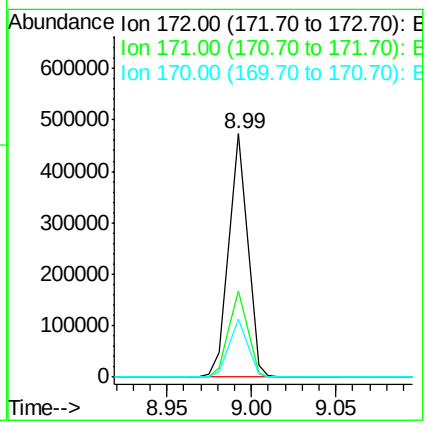
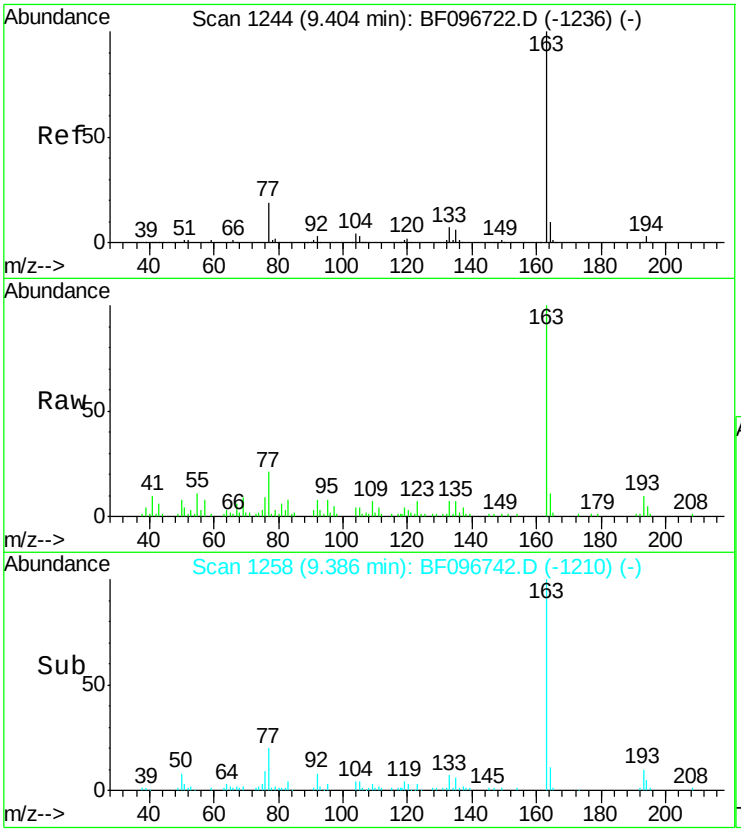


#44
2-Fluorobiphenyl
Concen: 35.784 ng
RT: 8.99 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:172 Resp: 370136

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.8	19.8	29.8

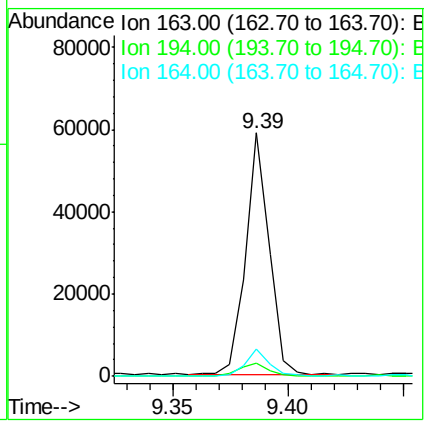




#49
Dimethylphthalate
Concen: 3.411 ng
RT: 9.39 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:163 Resp: 41972

Ion	Ratio	Lower	Upper
163	100		
194	5.4	2.6	4.0#
164	11.1	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Manual Integrations APPROVED
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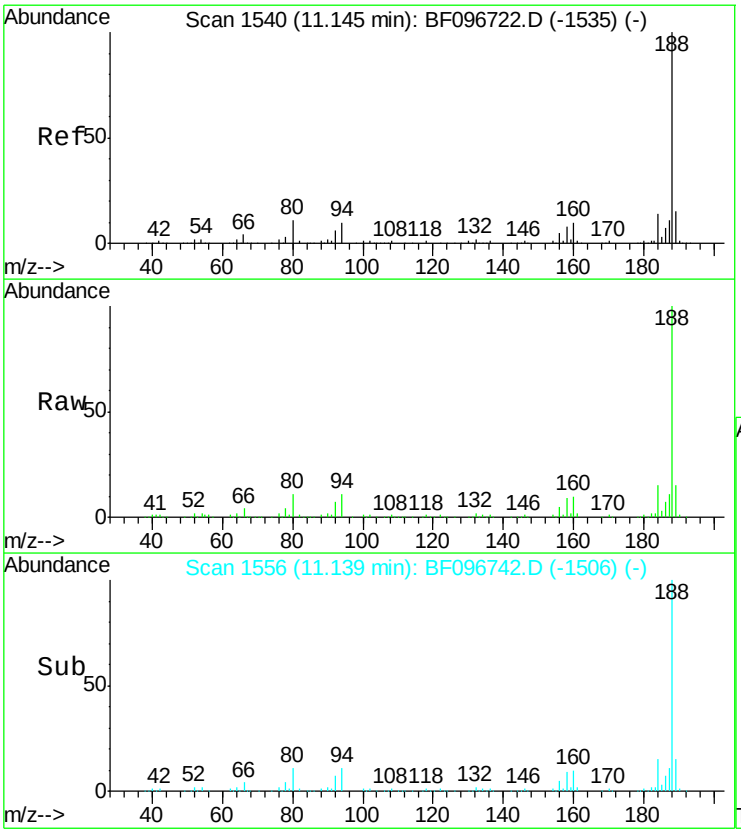
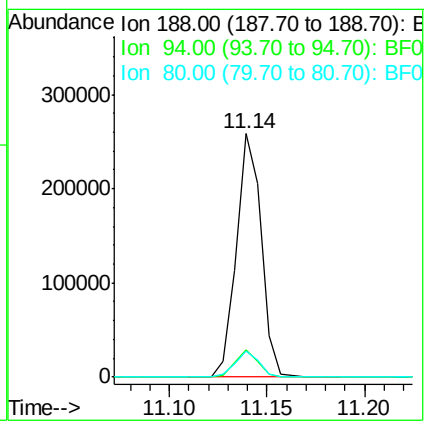
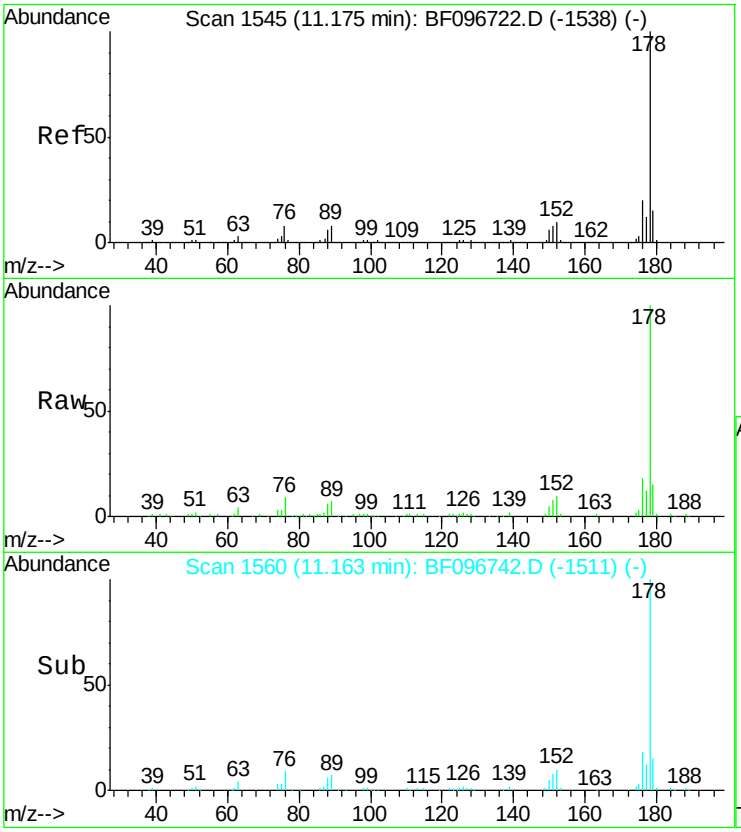


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:188 Resp: 228075

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	10.7	10.2	15.2

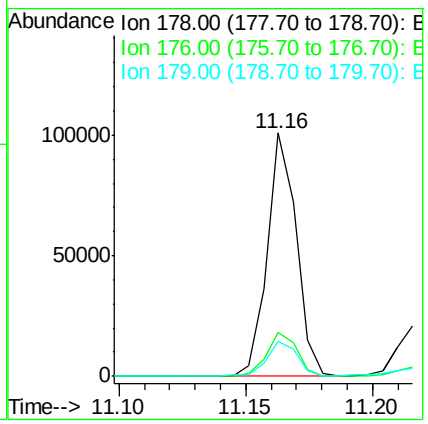




#70
Phenanthrene
Concen: 6.588 ng
RT: 11.16 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:178 Resp: 81704

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	14.6	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Manual Integrations APPROVED
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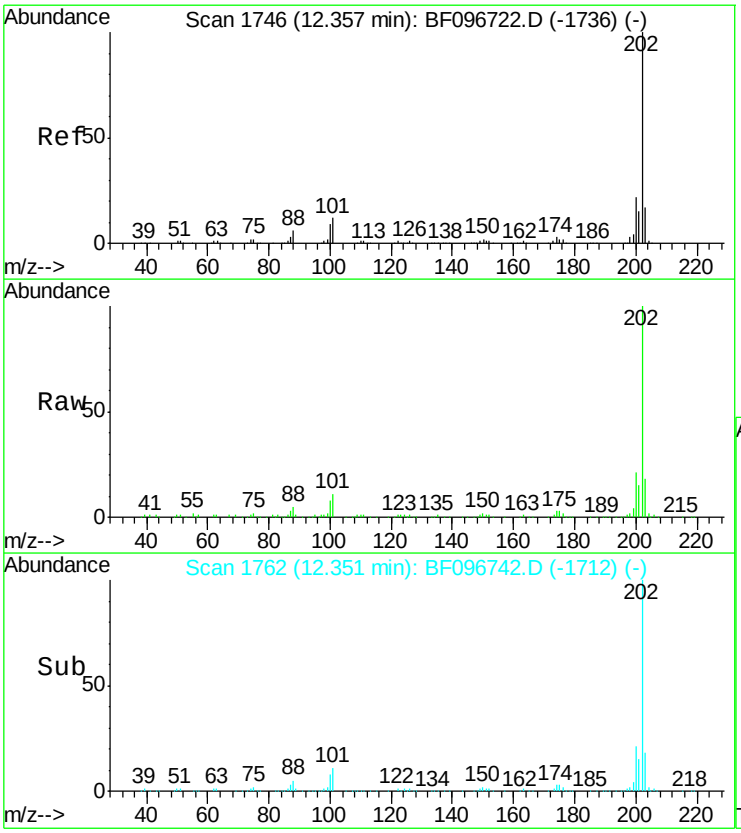
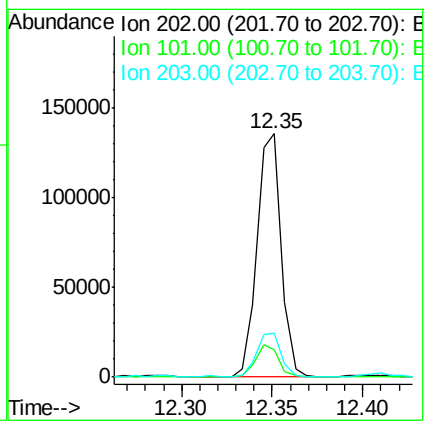
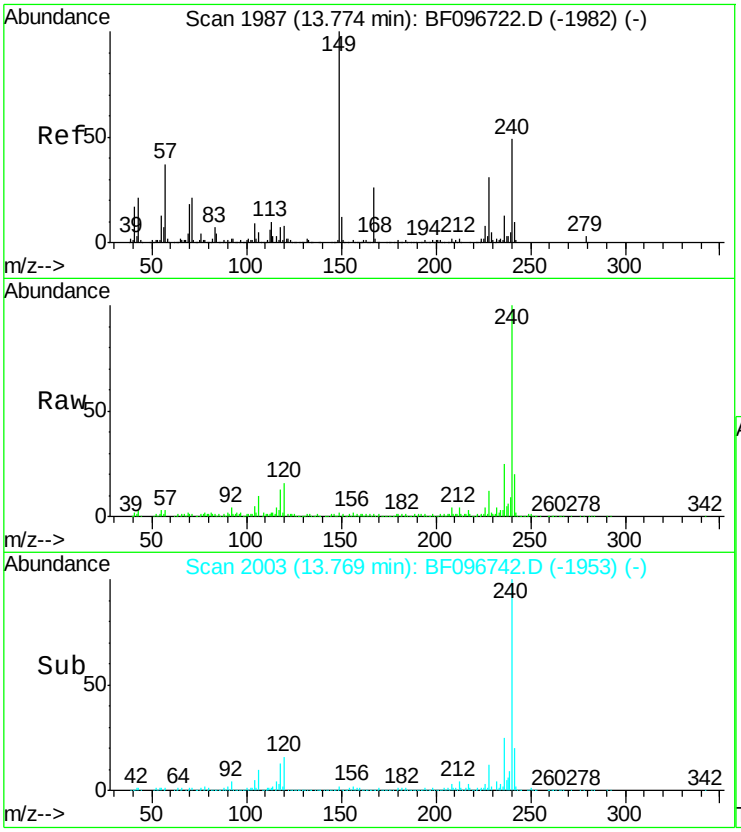


#74
Fluoranthene
Concen: 10.672 ng
RT: 12.35 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:202 Resp: 126682

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.2
203	18.0	0.0	38.1





#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:240 Resp: 201912

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	25.2	20.5	30.7

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Manual Integrations APPROVED
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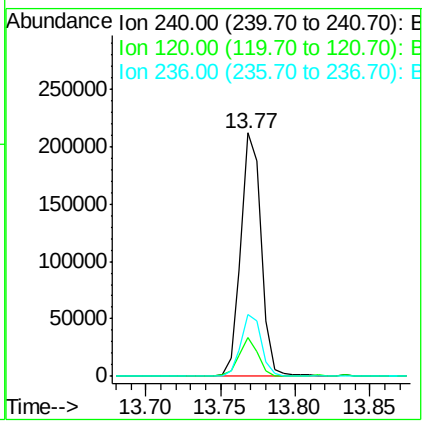
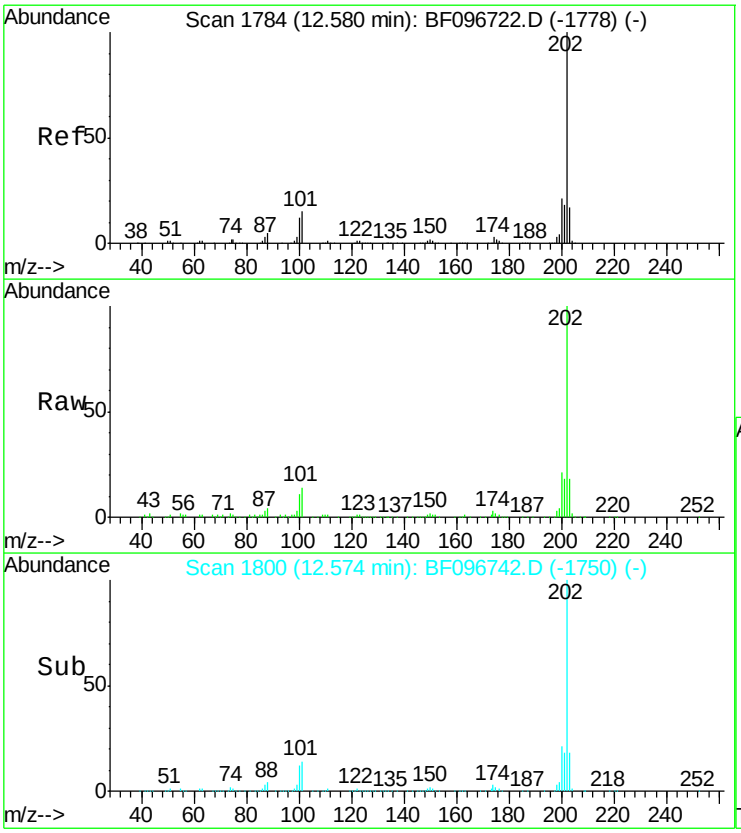
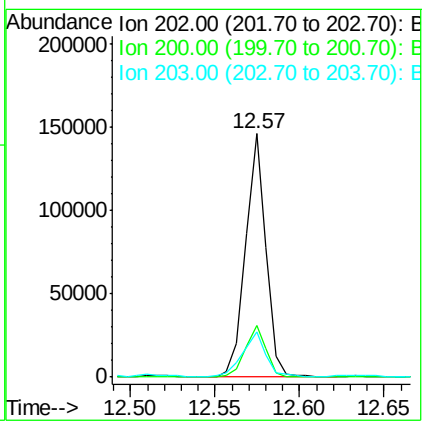


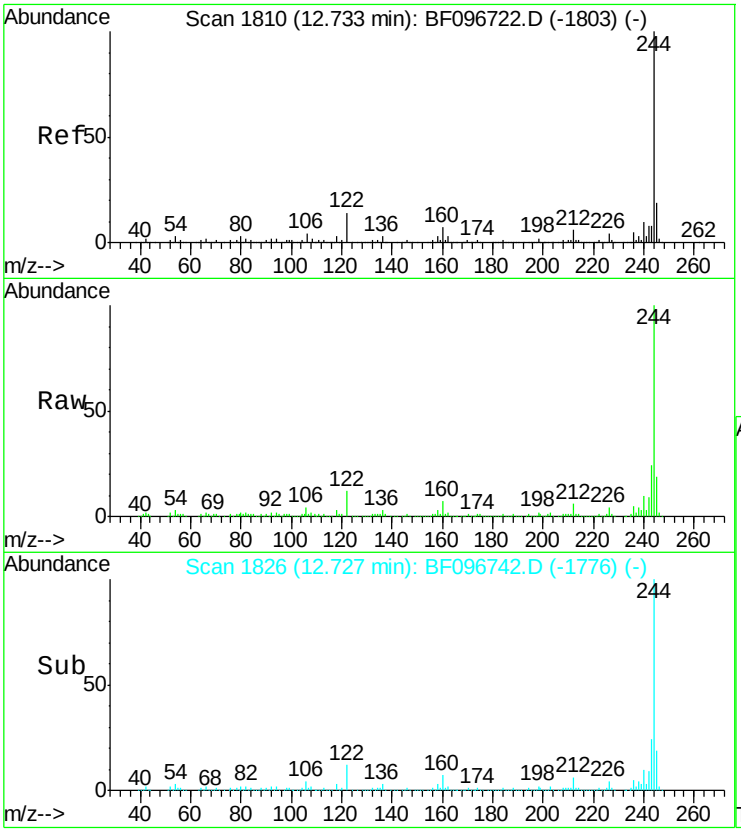


#77
Pyrene
Concen: 6.792 ng
RT: 12.57 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:202 Resp: 124466

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.3	14.4	21.6

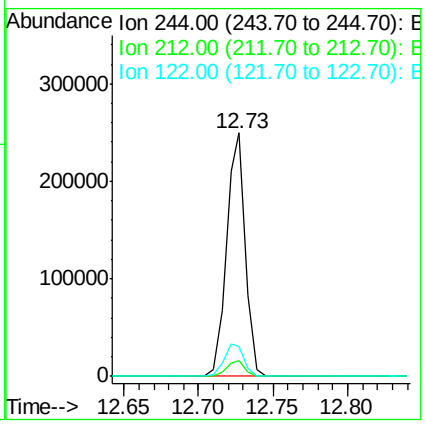




#78
Terphenyl-d14
Concen: 19.039 ng
RT: 12.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:244 Resp: 221660

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	12.4	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Manual Integrations APPROVED
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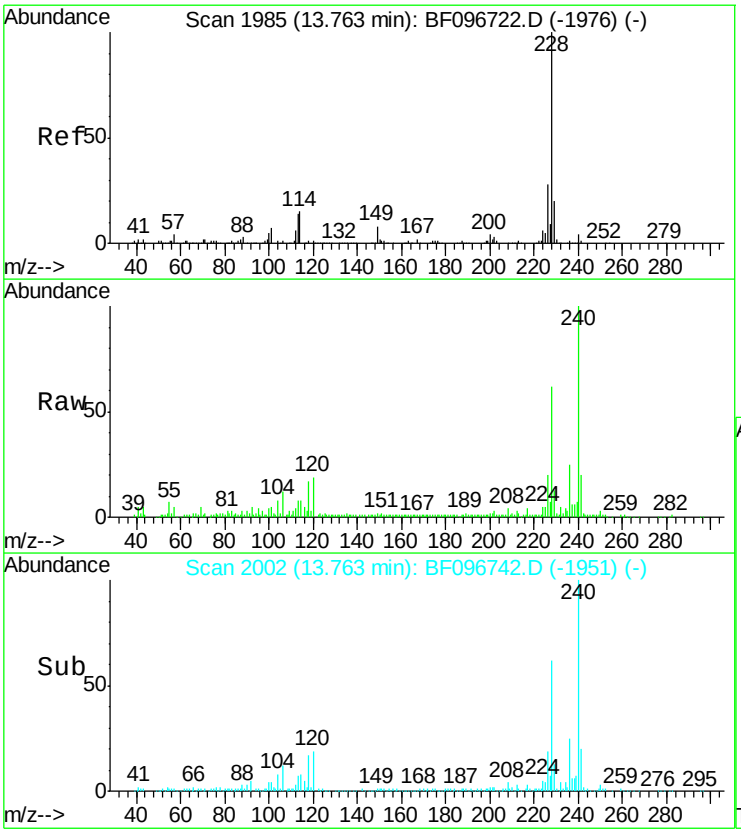
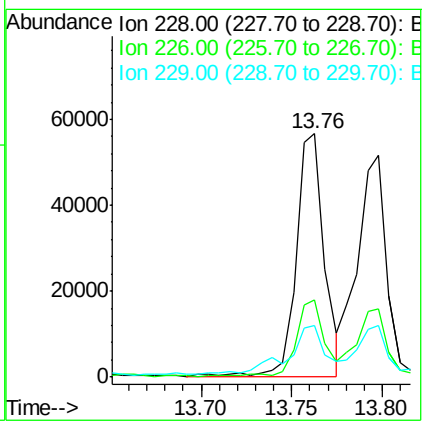
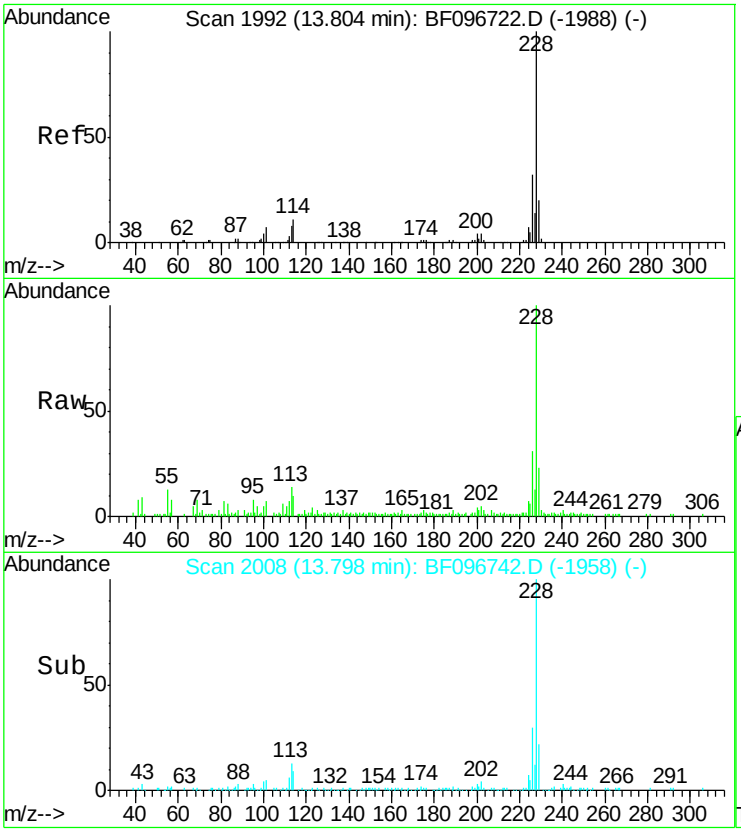


#80
Benzo(a)anthracene
Concen: 4.940 ng
RT: 13.76 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:228 Resp: 62150

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	21.2	16.3	24.5

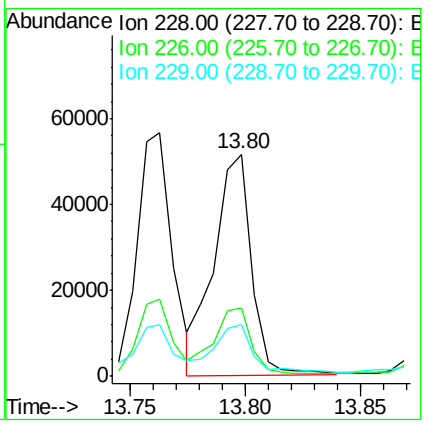




#82
Chrysene
Concen: 4.701 ng
RT: 13.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:228 Resp: 58226

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	23.4	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

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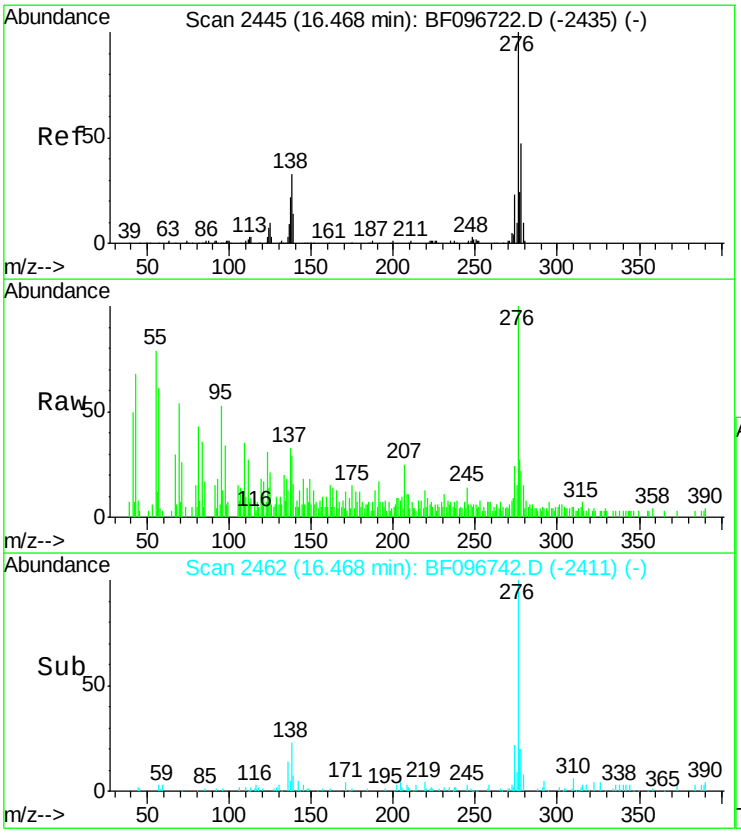
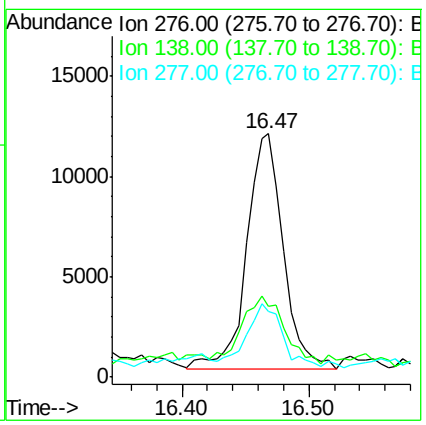
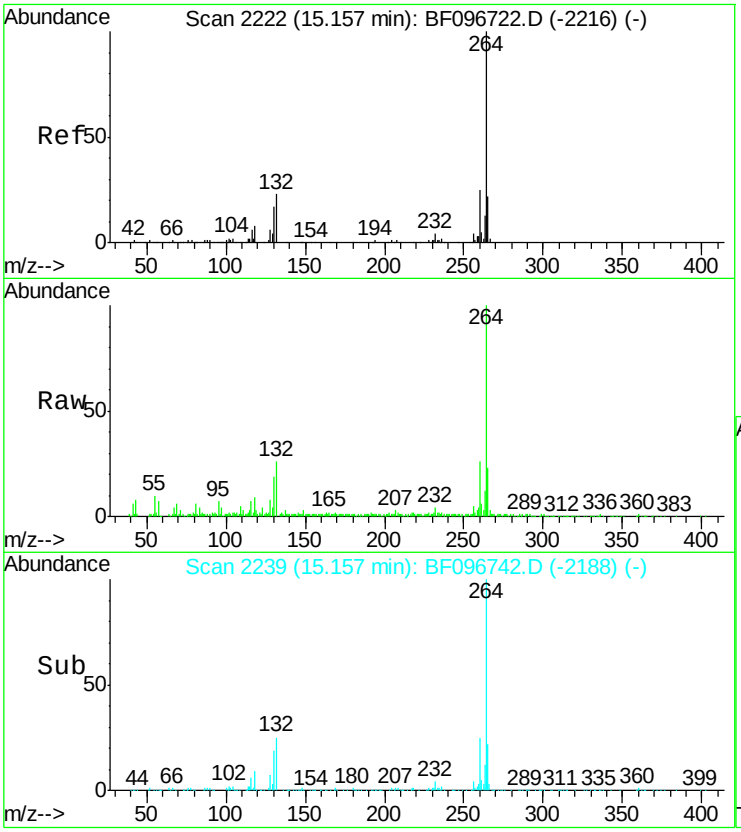


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.300 ng
RT: 16.47 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:276 Resp: 23513

Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.8	41.6
277	25.5	20.2	30.4

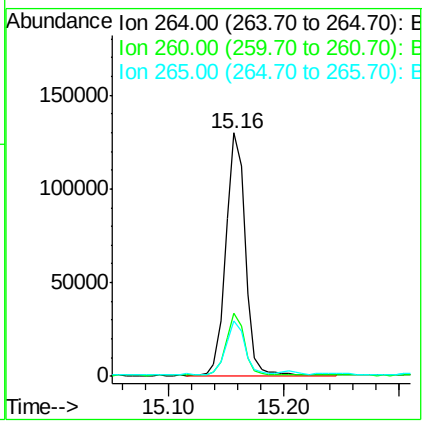




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:264 Resp: 150219

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.5	29.3
265	22.7	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

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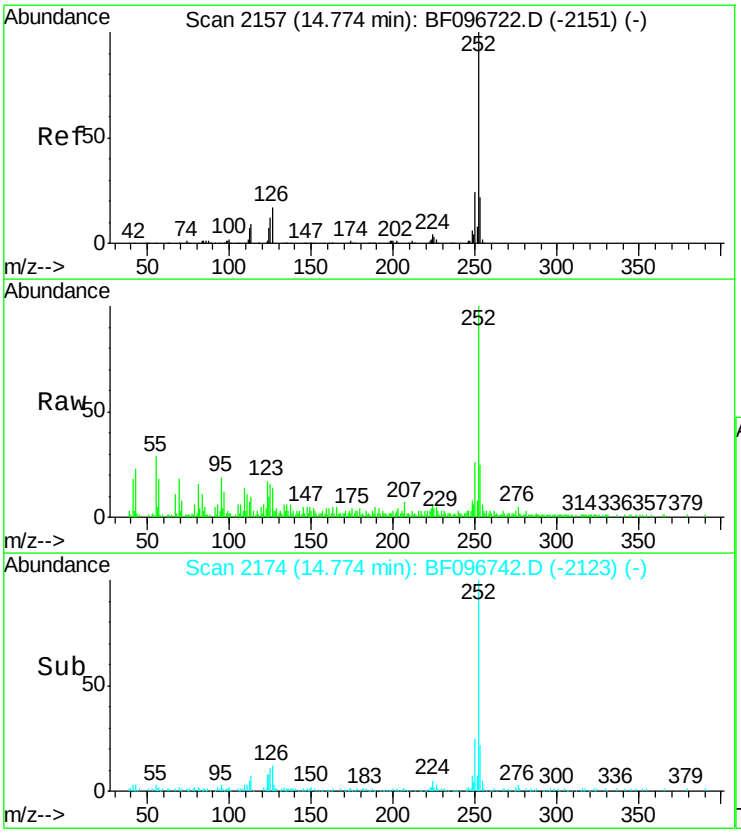
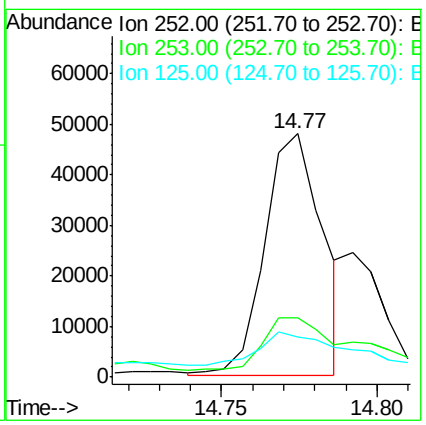
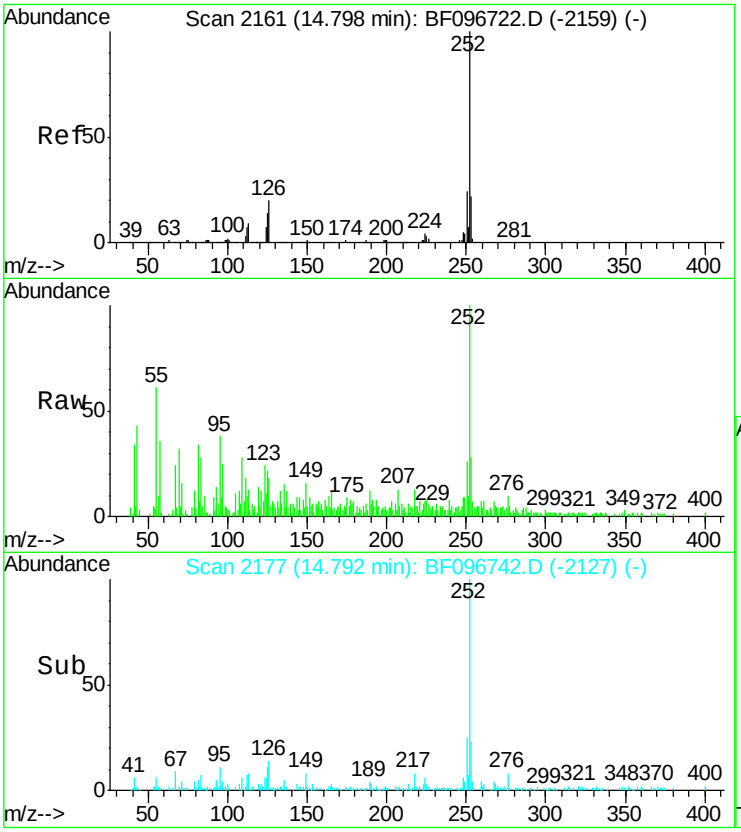


#87
Benzo(b)fluoranthene
Concen: 6.830 ng m
RT: 14.77 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:252 Resp: 61880

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	16.4	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 2.667 ng m
RT: 14.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:252 Resp: 22879

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.4	27.6#
125	21.9	13.1	19.7#

Instrument :
BNA_F
ClientSampleId :
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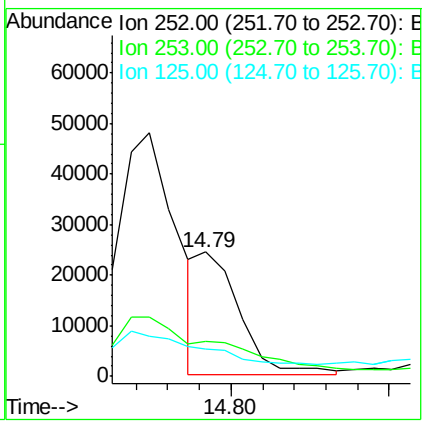
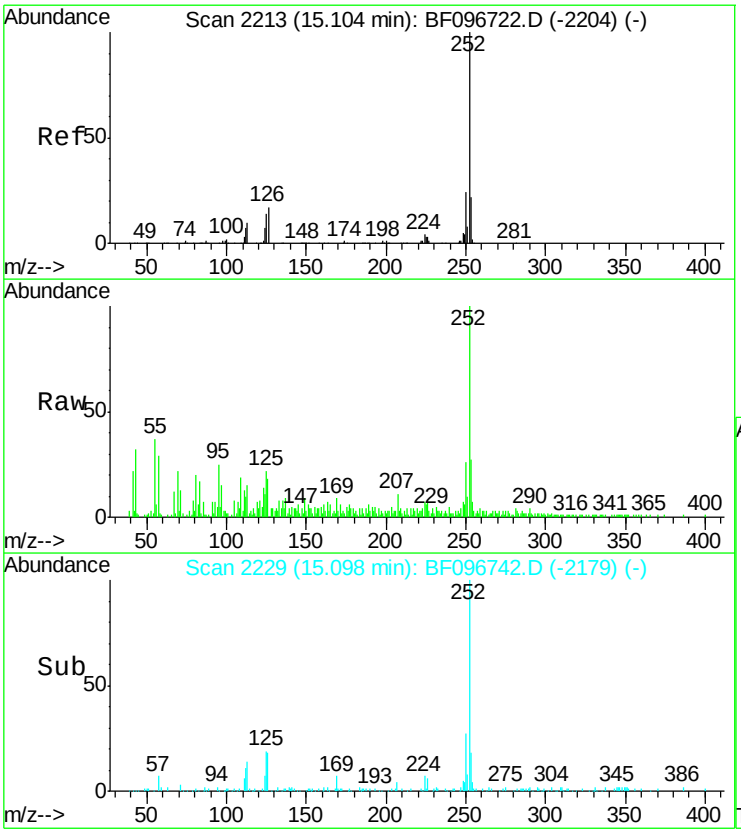
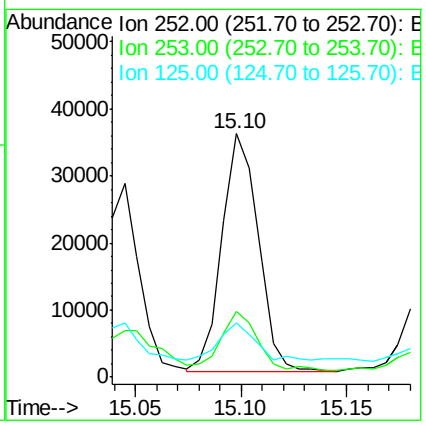


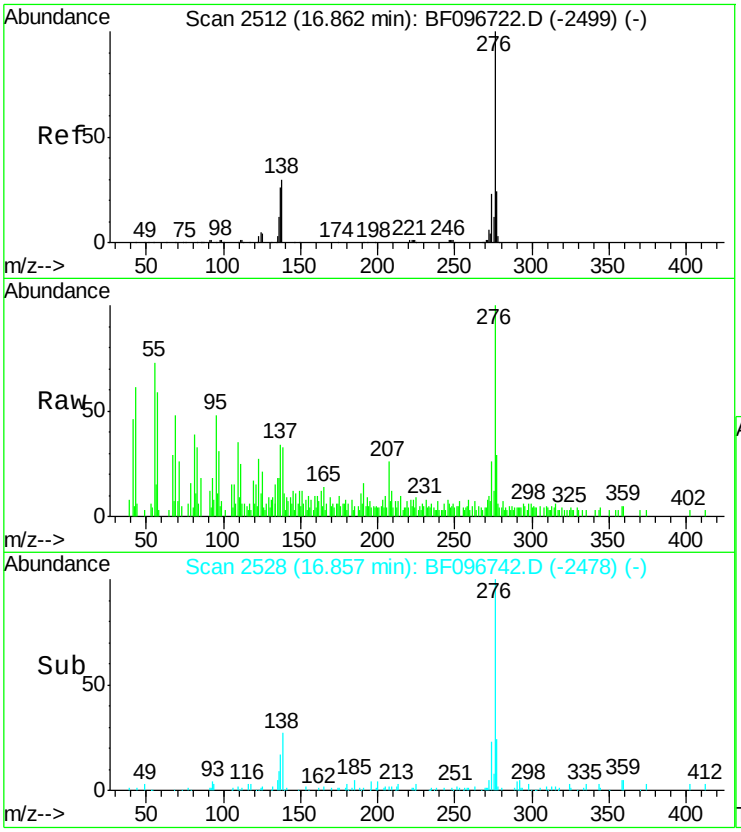


#89
Benzo(a)pyrene
Concen: 5.072 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:252 Resp: 42150

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	22.4	11.0	16.4#

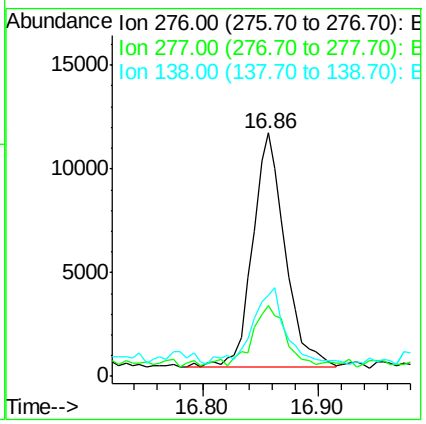




#91
Benzo(g,h,i)perylene
Concen: 2.719 ng
RT: 16.86 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:276 Resp: 22265

Ion	Ratio	Lower	Upper
276	100		
277	29.2	18.6	28.0#
138	33.4	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

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