Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096414.D
Acq On : 2 Jul 2017 14:21
Operator : SJ/MA
Sample : I3950-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-4-6

Manual Integrations APPROVED
mohammad
7/3/2017 4:07:26 PM

Quant Time: Jul 03 05:24:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	174197	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	634455	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	281239	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	366934	20.00	ng	0.00
75) Chrysene-d12	13.87	240	272636	20.00	ng	0.00
86) Perylene-d12	15.29	264	199419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	940582	79.70	ng	0.00
7) Phenol-d6	6.37	99	1259921	86.84	ng	0.00
23) Nitrobenzene-d5	7.29	82	698720	66.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	189608	86.31	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	950172	57.77	ng	0.00
78) Terphenyl-d14	12.83	244	542195	42.50	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	237831	11.328	ng	98
70) Phenanthrene	11.27	178	44136	2.225	ng	97
74) Fluoranthene	12.45	202	83464	4.292	ng	99
77) Pyrene	12.68	202	88442	4.041	ng	98
80) Benzo(a)anthracene	13.86	228	69888	4.427	ng	95
82) Chrysene	13.90	228	76393	4.621	ng	98
85) Indeno(1,2,3-cd)pyrene	16.65	276	29956	2.295	ng	94
87) Benzo(b)fluoranthene	14.89	252	94086m	7.530	ng	
88) Benzo(k)fluoranthene	14.90	252	32670m	2.923	ng	
89) Benzo(a)pyrene	15.23	252	47145	4.226	ng	93
91) Benzo(g,h,i)perylene	17.06	276	28009	3.080	ng	97

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096414.D
Acq On : 2 Jul 2017 14:21
Operator : SJ/MA
Sample : I3950-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 03 05:24:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B5-4-6

Manual Integrations APPROVED
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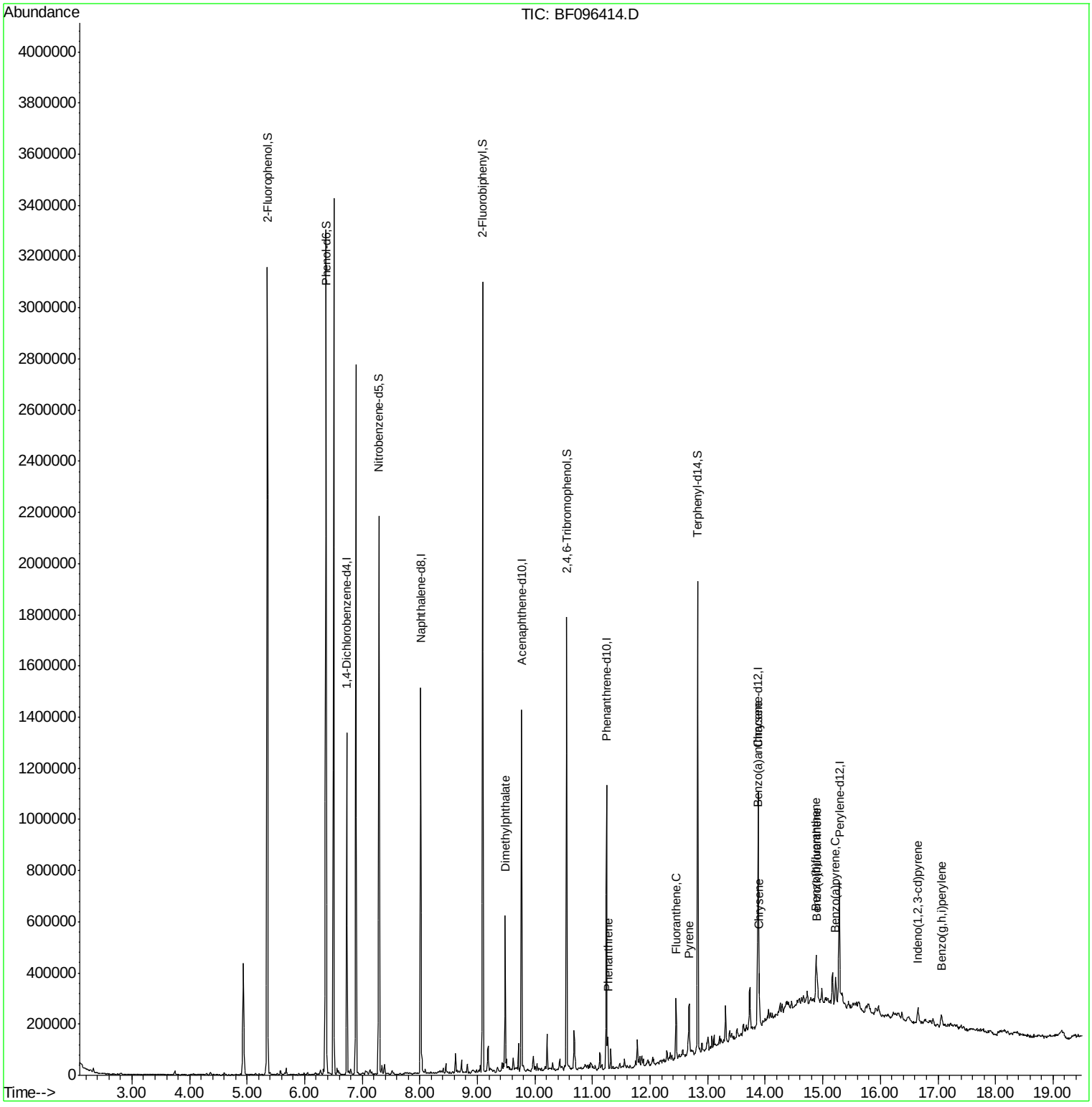
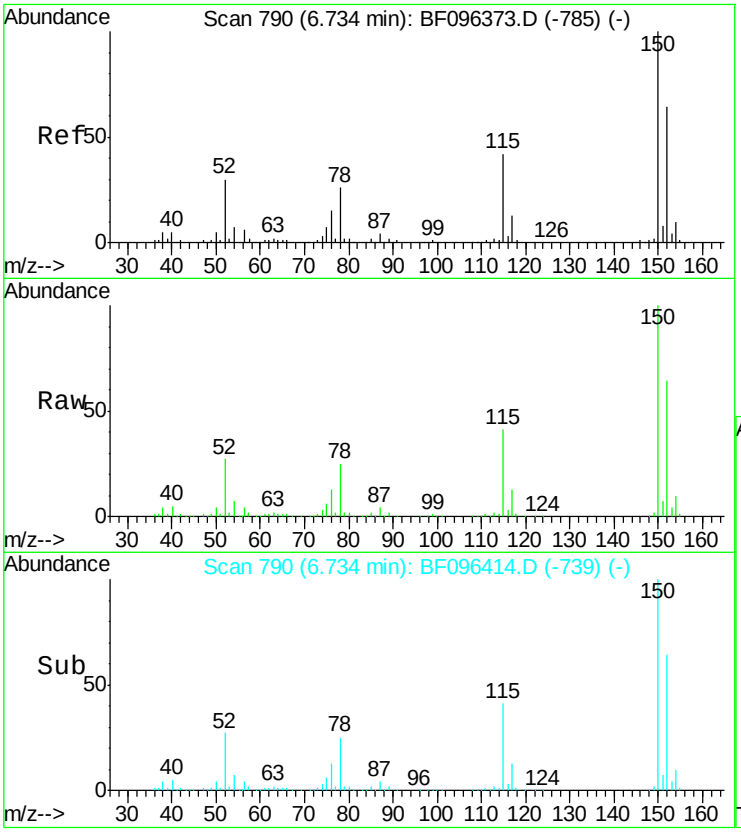
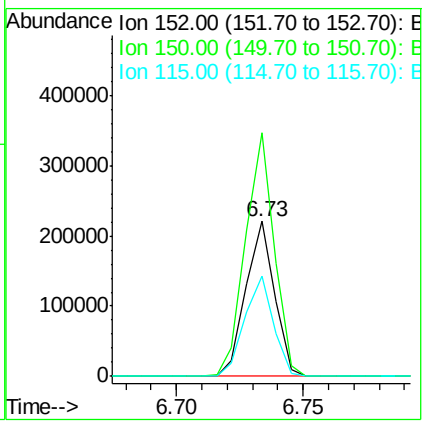




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:152 Resp: 174197

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	64.5	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
B5-4-6

Manual Integrations APPROVED
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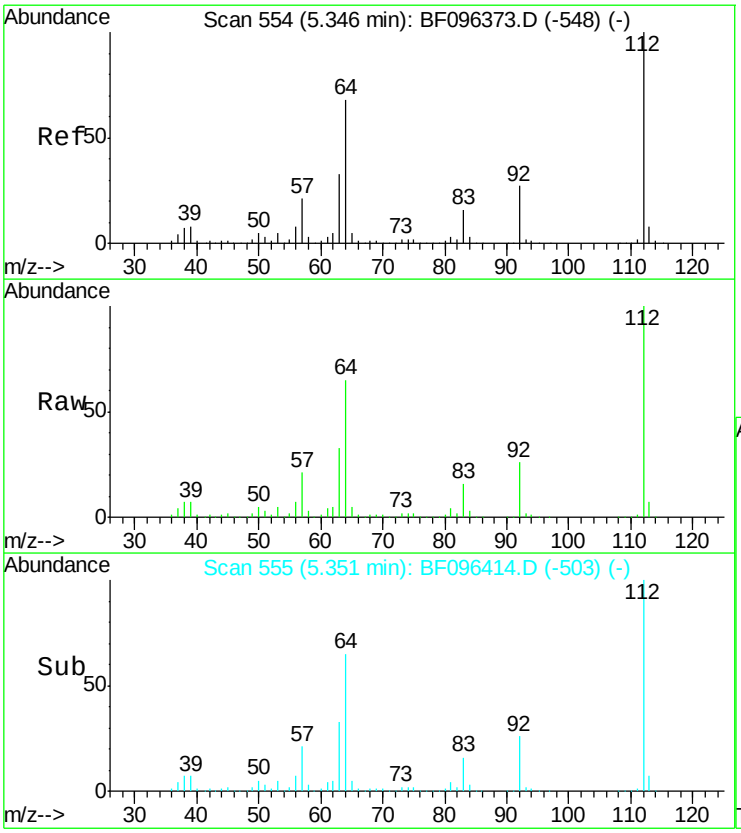
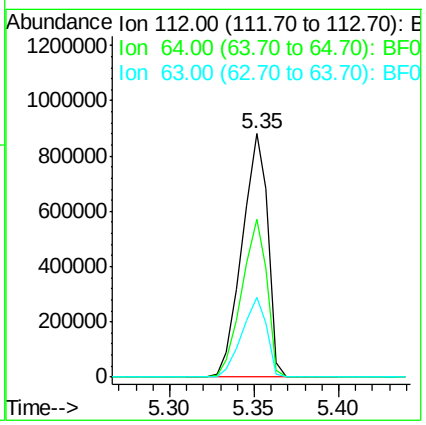
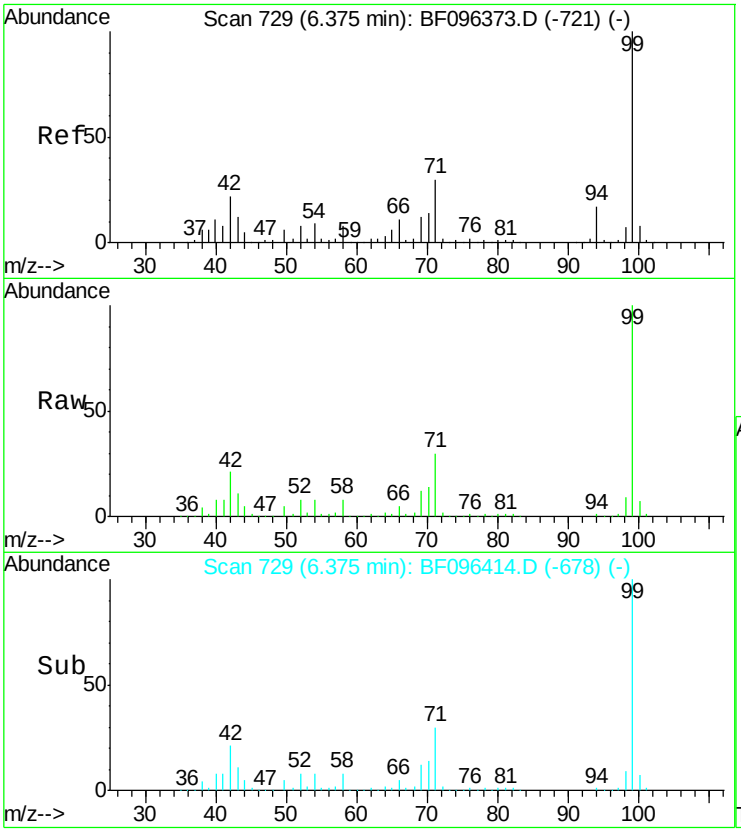


#5
2-Fluorophenol
Concen: 79.695 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:112 Resp: 940582

Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	32.5	23.4	35.0

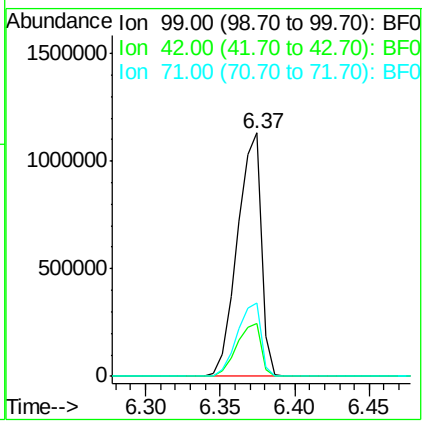




#7
Phenol-d6
Concen: 86.836 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion: 99 Resp: 1259921

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	30.4	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
B5-4-6

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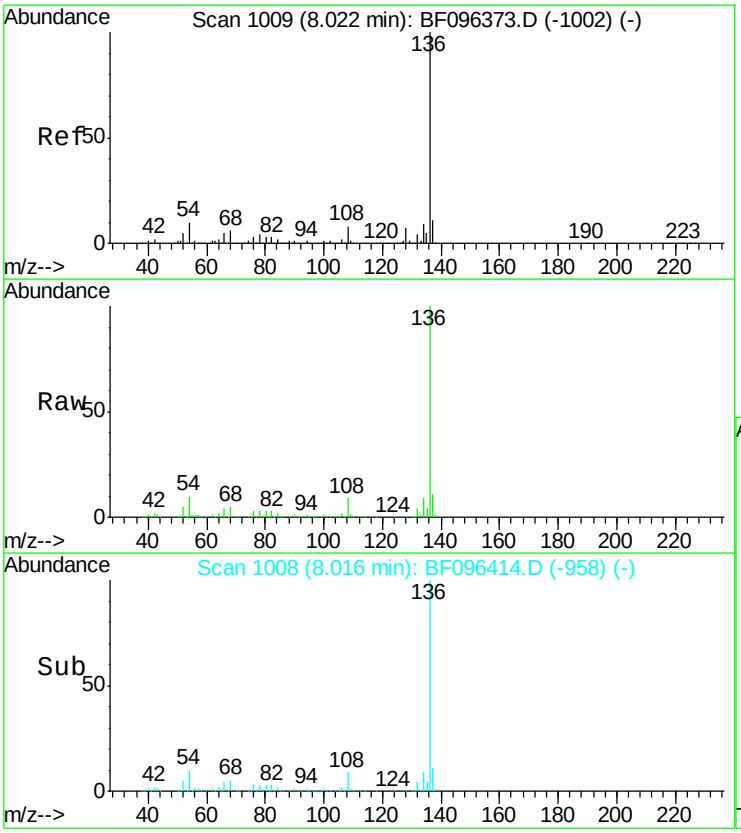
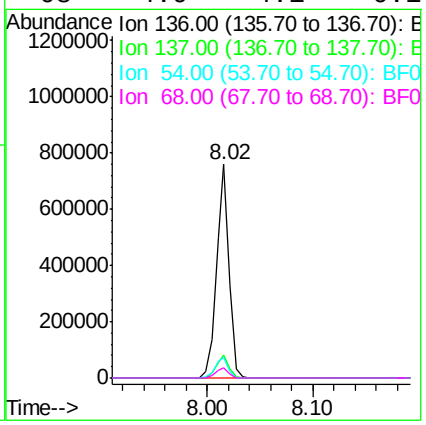
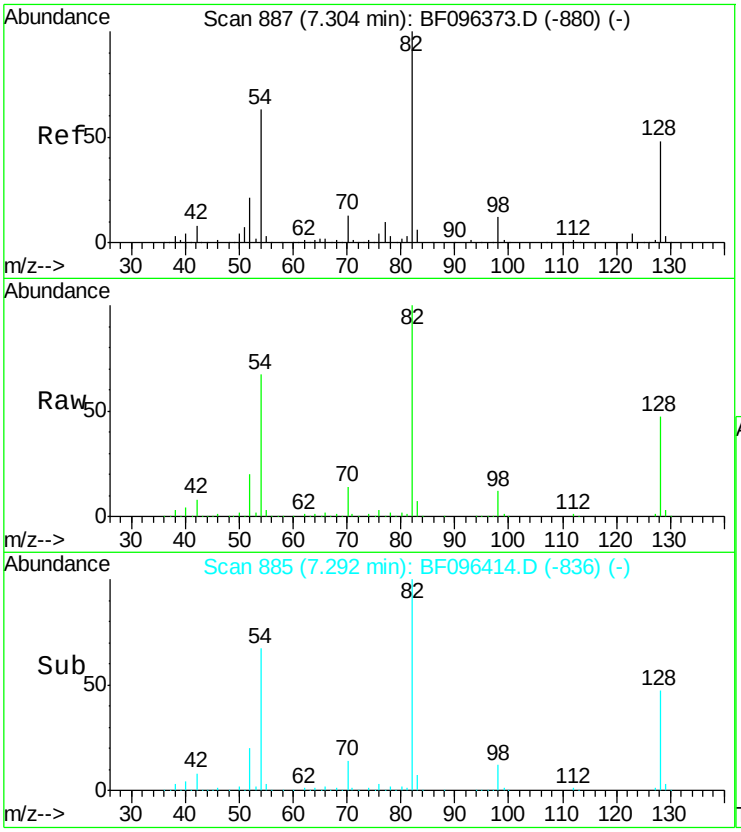


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:136 Resp: 634455

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.6	4.9	7.3#
68	4.9	4.1	6.1

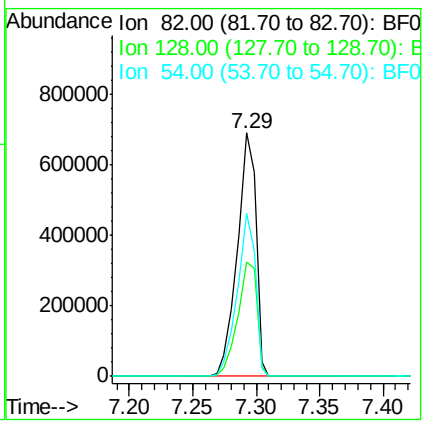




#23
Nitrobenzene-d5
Concen: 66.178 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion: 82 Resp: 698720

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	67.2	42.2	63.2#



Instrument :
BNA_F
ClientSampleId :
B5-4-6

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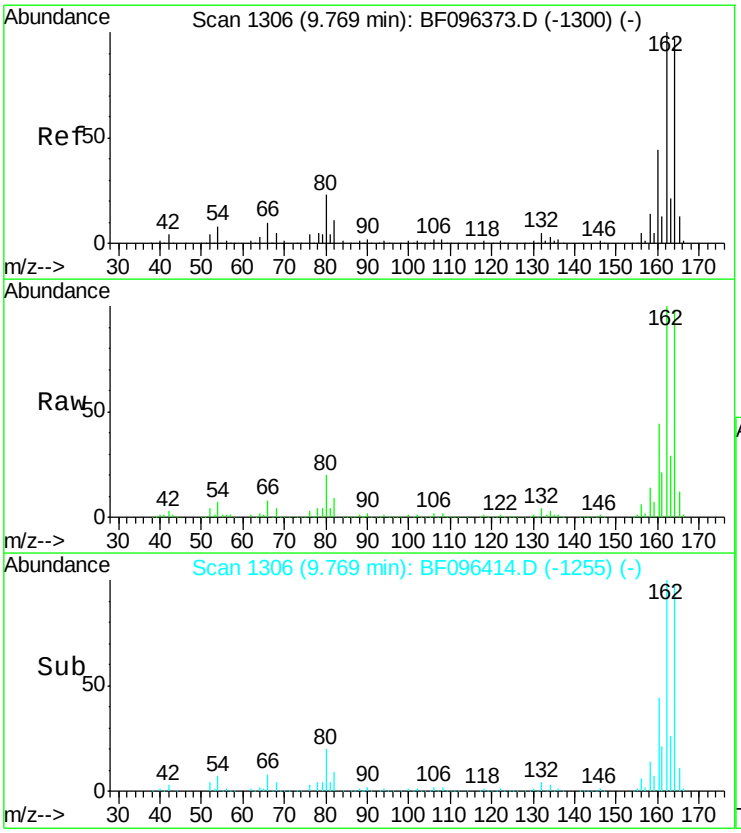
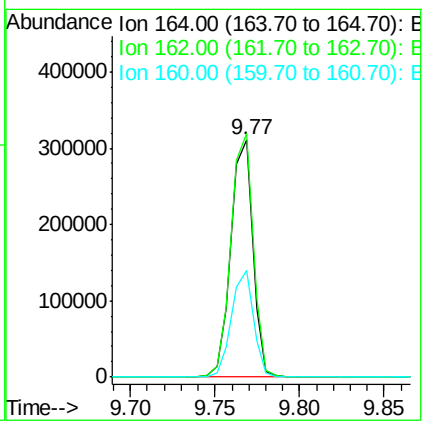
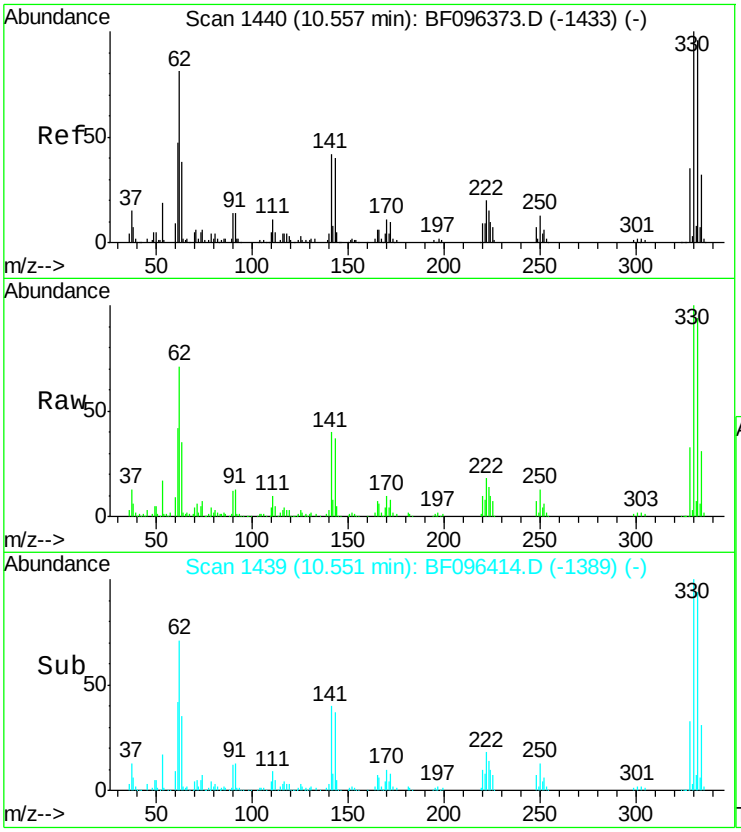


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:164 Resp: 281239

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.9	36.2	54.2

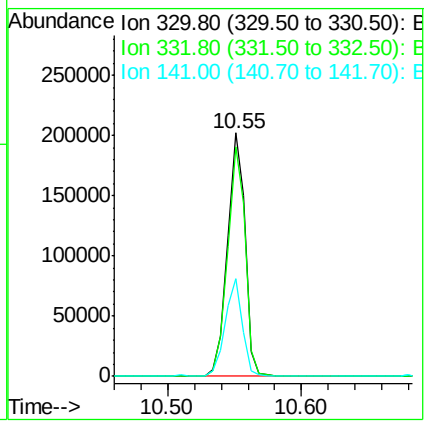




#41
2,4,6-Tribromophenol
Concen: 86.310 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:330 Resp: 189608

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	39.7	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
B5-4-6

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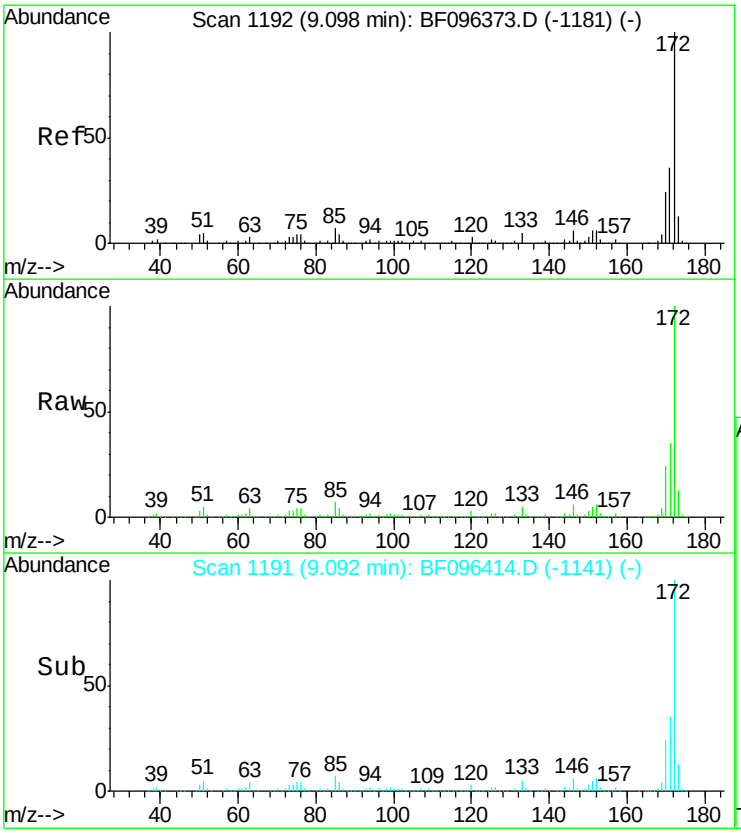
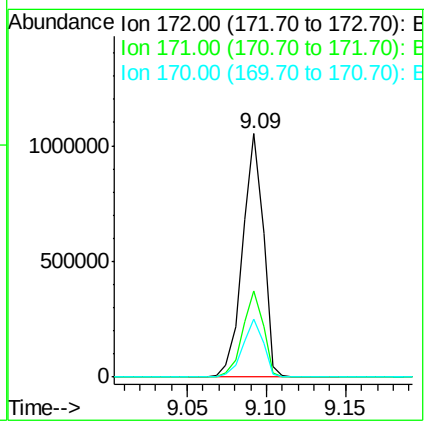
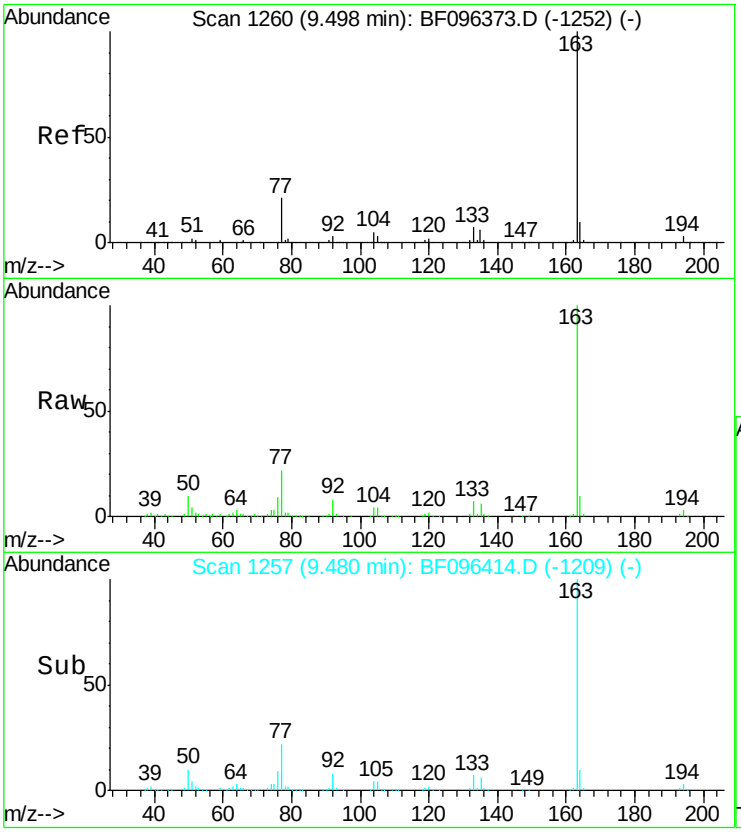


#44
2-Fluorobiphenyl
Concen: 57.765 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:172 Resp: 950172

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	24.0	19.8	29.8

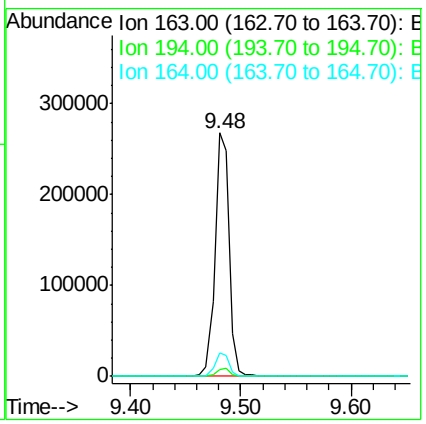




#49
Dimethylphthalate
Concen: 11.328 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:163 Resp: 237831

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.8	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
B5-4-6

Manual Integrations APPROVED
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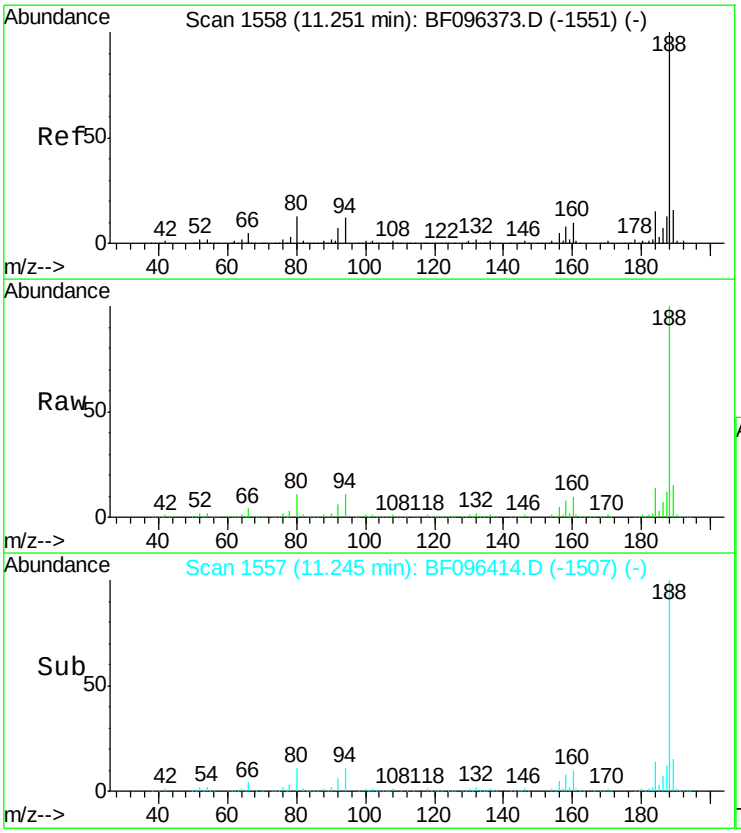
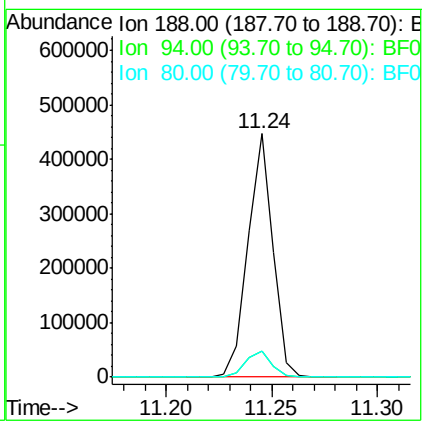
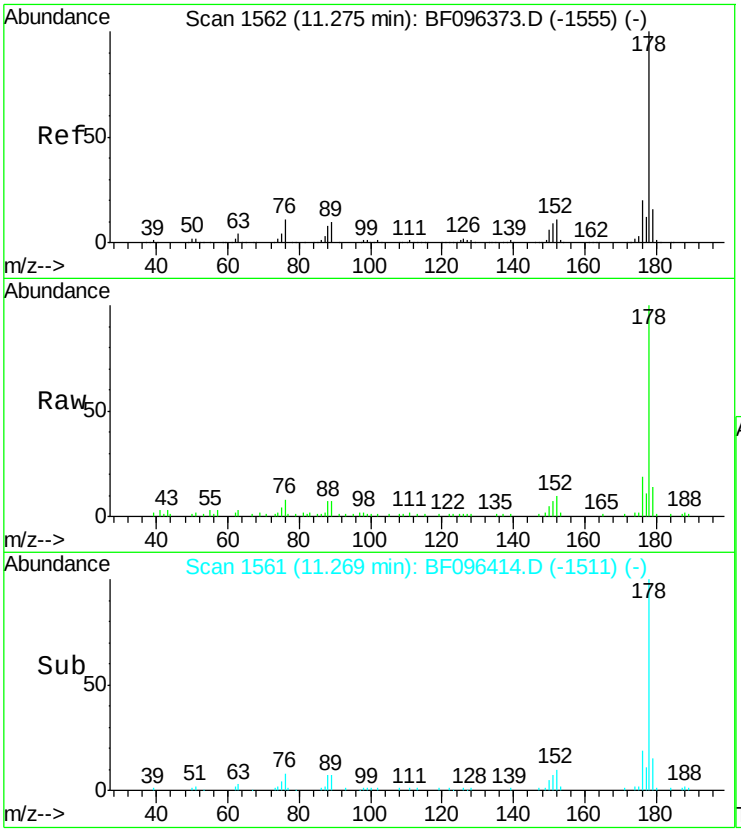


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:188 Resp: 366934

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.8	10.2	15.2

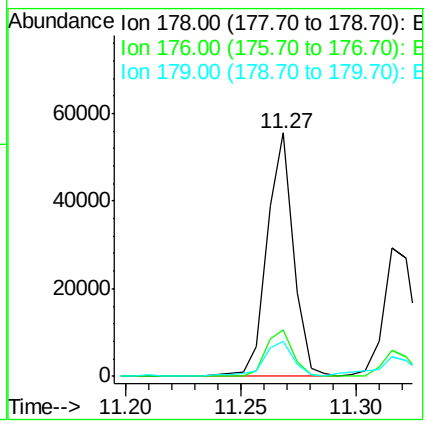




#70
Phenanthrene
Concen: 2.225 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:178 Resp: 44136

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	14.5	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
B5-4-6

Manual Integrations APPROVED
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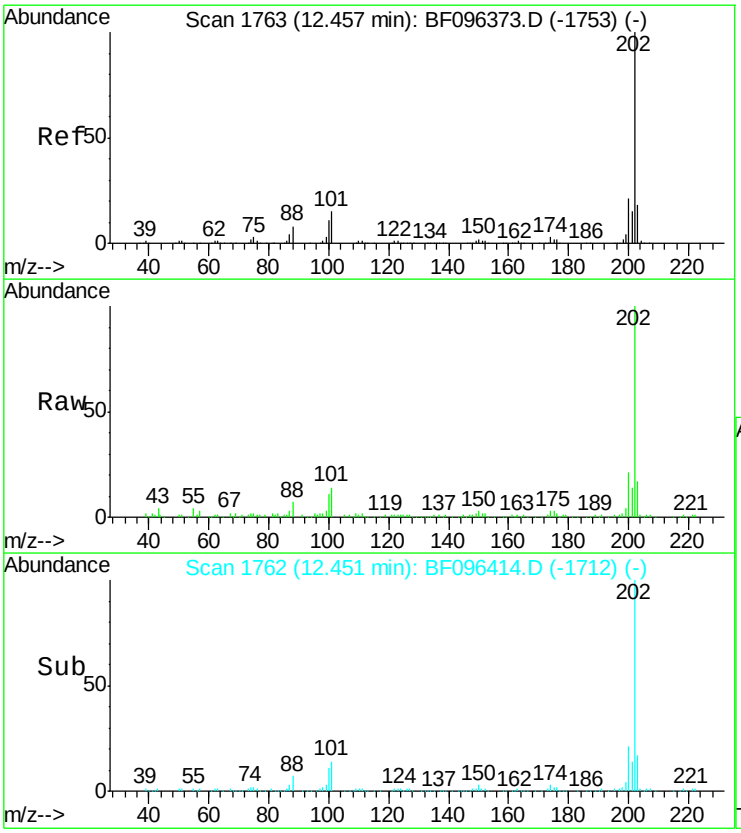
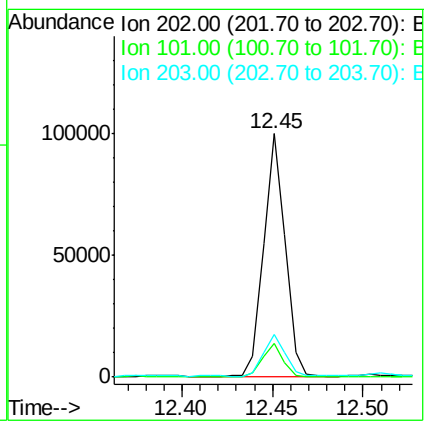
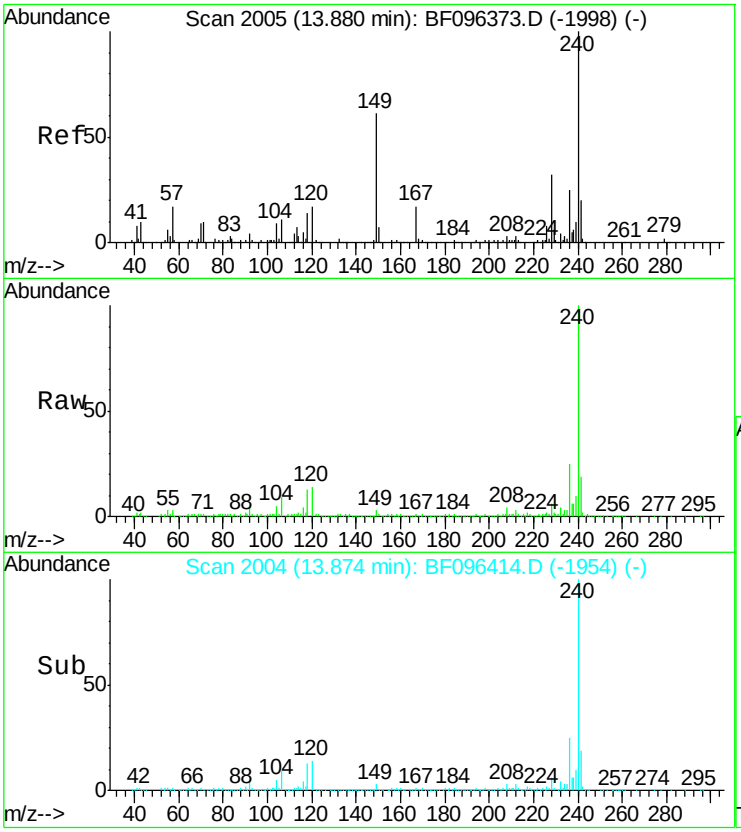


#74
Fluoranthene
Concen: 4.292 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:202 Resp: 83464

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.5	0.0	38.1

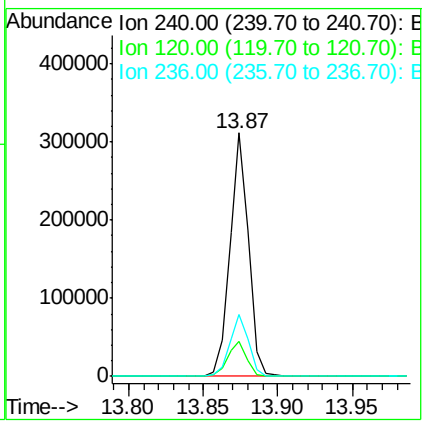




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:240 Resp: 272636

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	25.2	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
B5-4-6

Manual Integrations APPROVED
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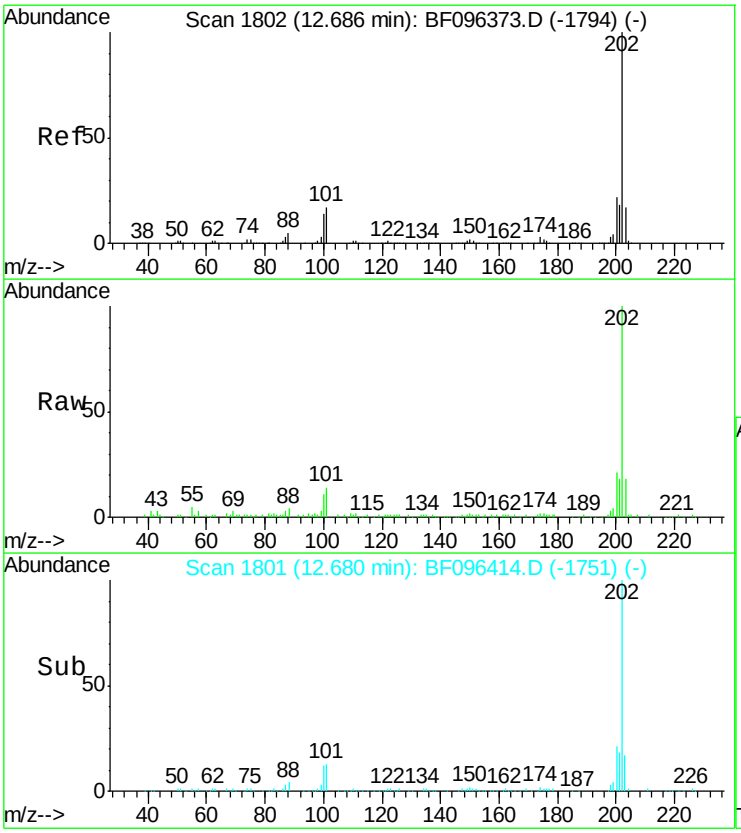
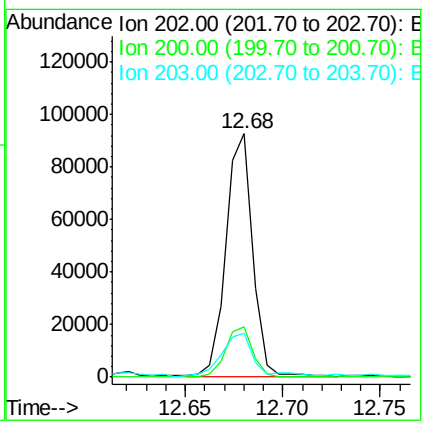
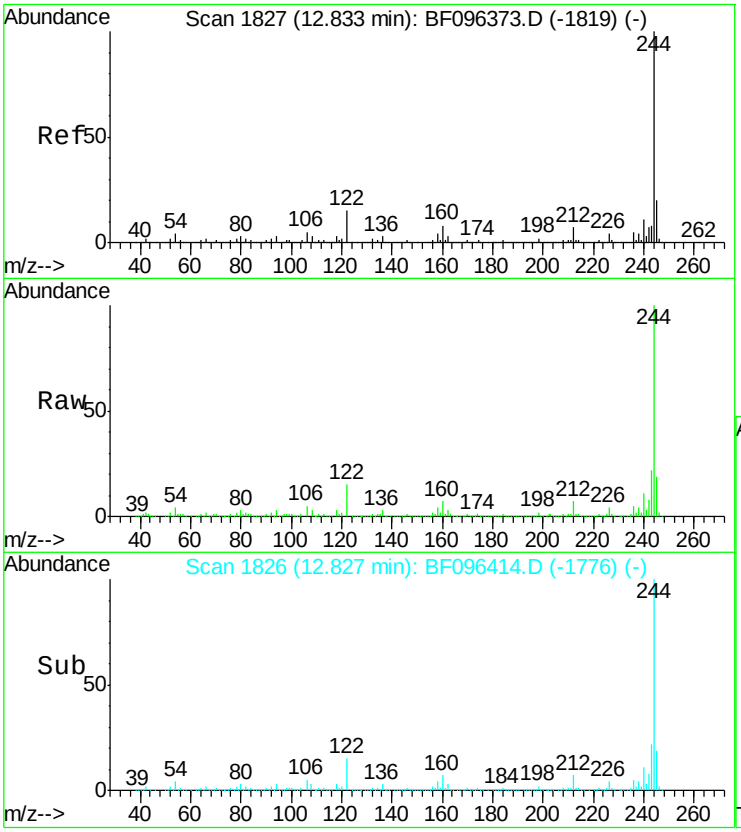


#77
Pyrene
Concen: 4.041 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:202 Resp: 88442

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.9	14.4	21.6

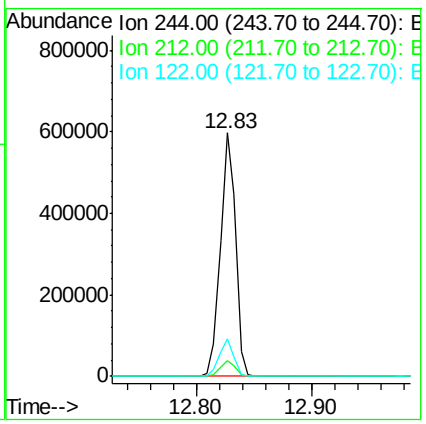




#78
Terphenyl-d14
Concen: 42.496 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:244 Resp: 542195

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.4	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
B5-4-6

Manual Integrations APPROVED
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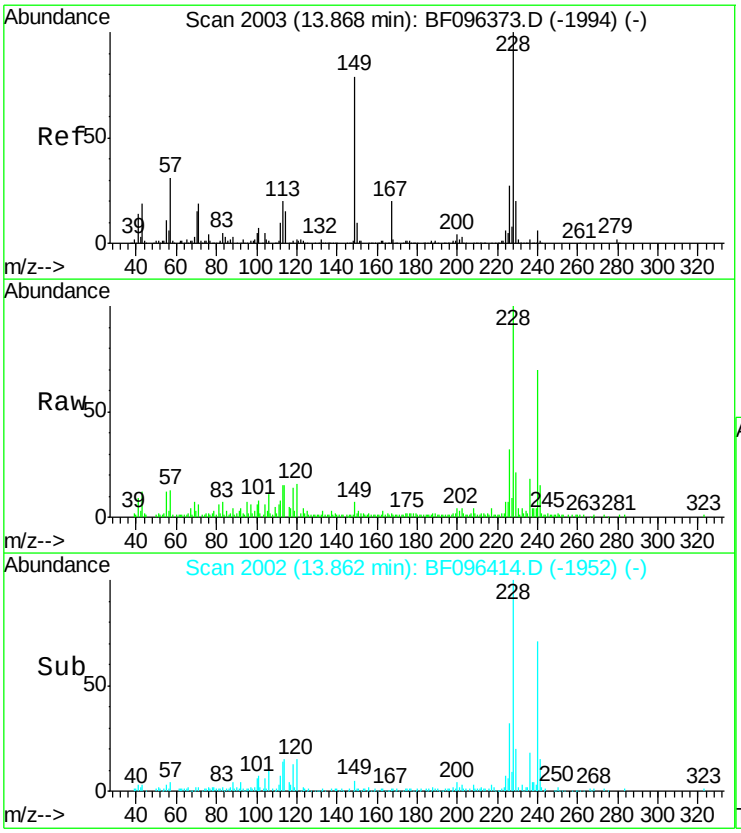
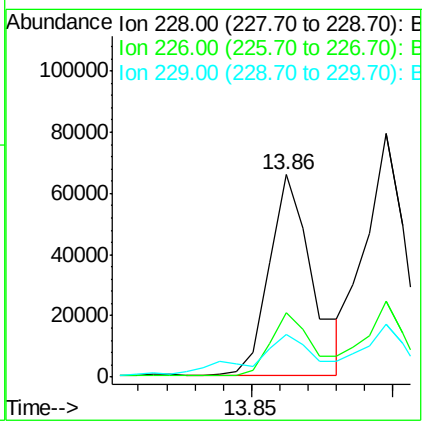
7/3/2017 4:07:26 PM

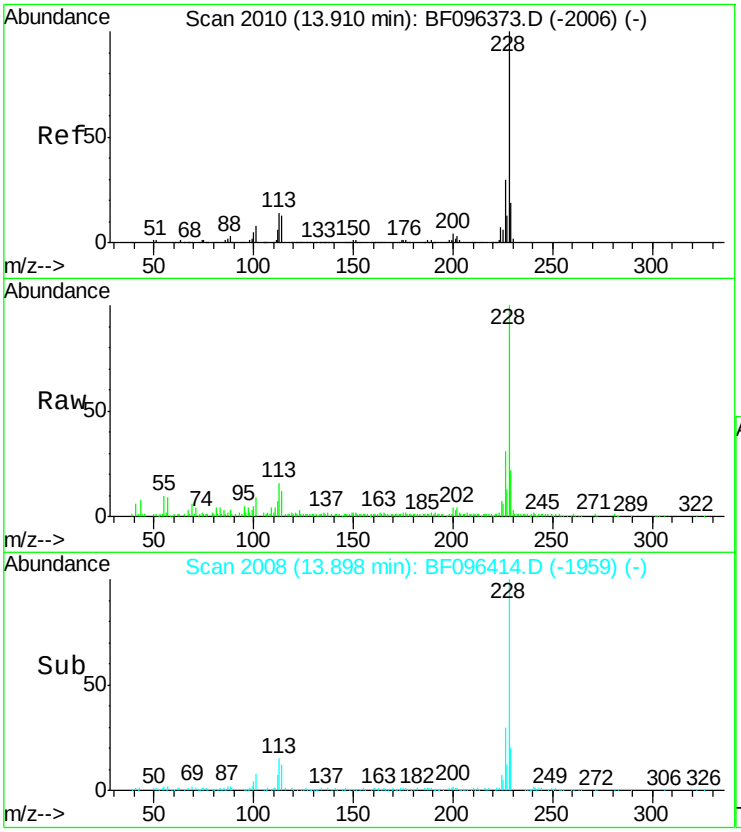


#80
Benzo(a)anthracene
Concen: 4.427 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:228 Resp: 69888

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	21.4	16.3	24.5

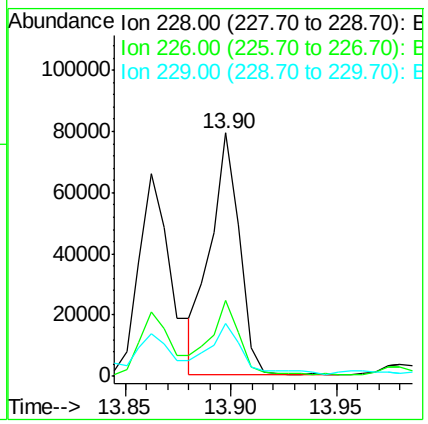




#82
Chrysene
Concen: 4.621 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:228 Resp: 76393

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.7	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
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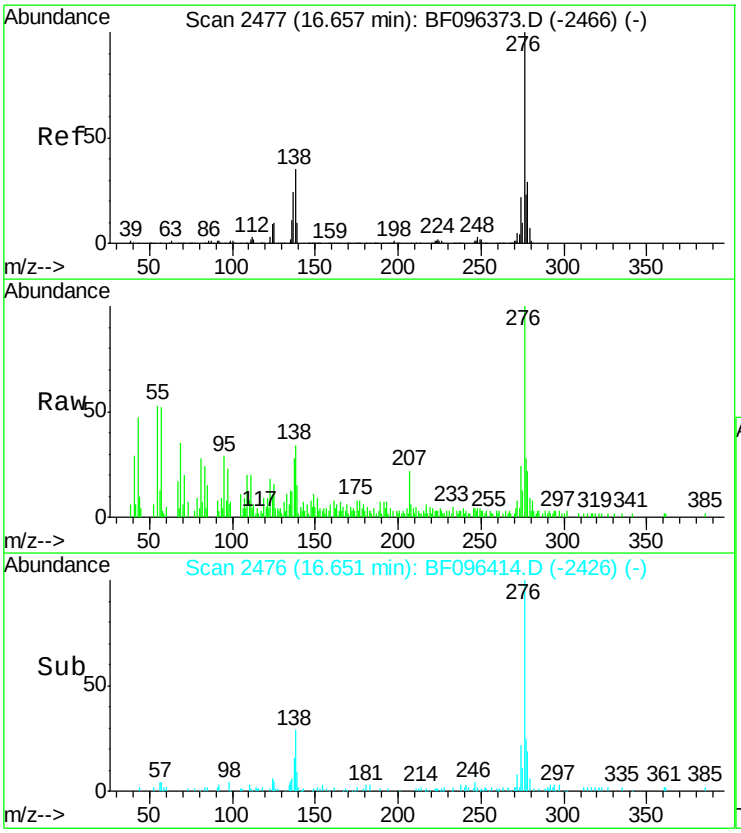
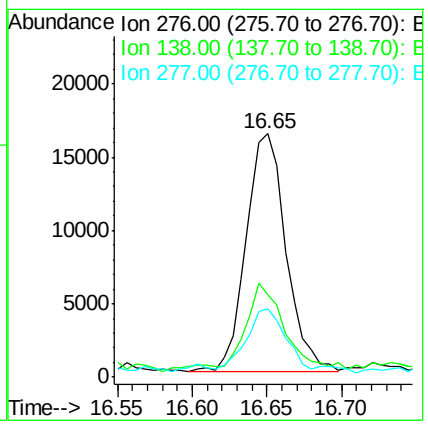
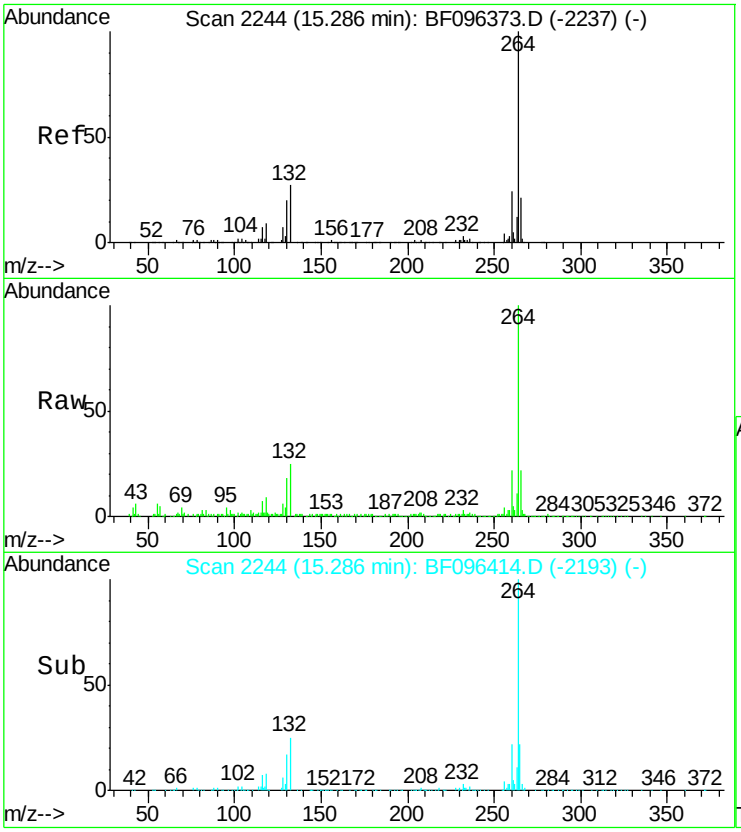


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.295 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:276 Resp: 29956

Ion	Ratio	Lower	Upper
276	100		
138	38.7	27.8	41.6
277	28.2	20.2	30.4

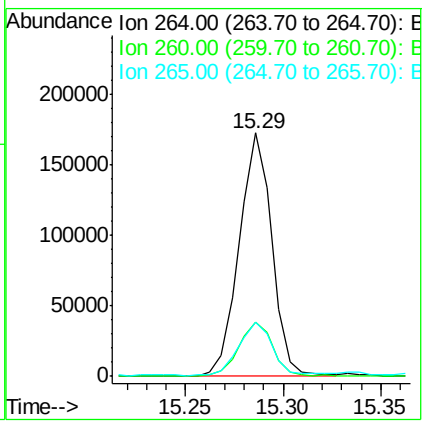




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:264 Resp: 199419

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	22.2	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
B5-4-6

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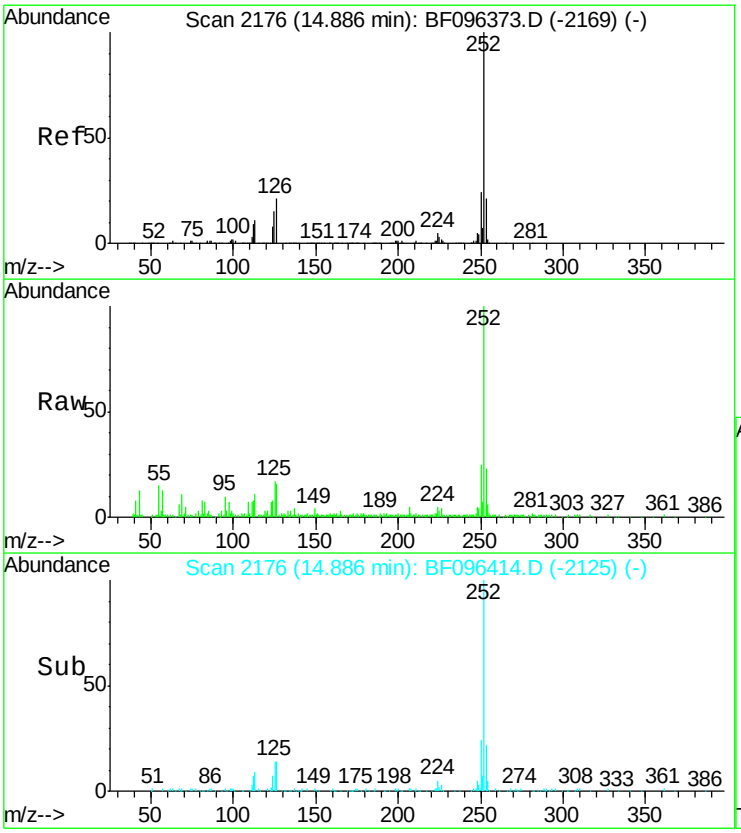
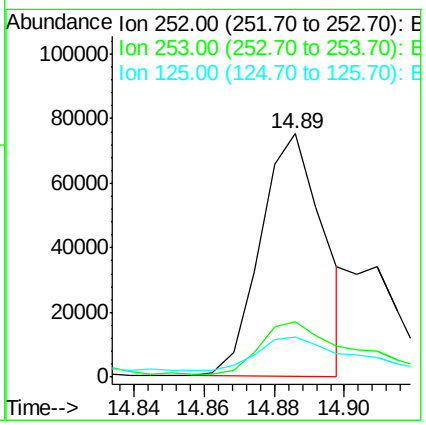
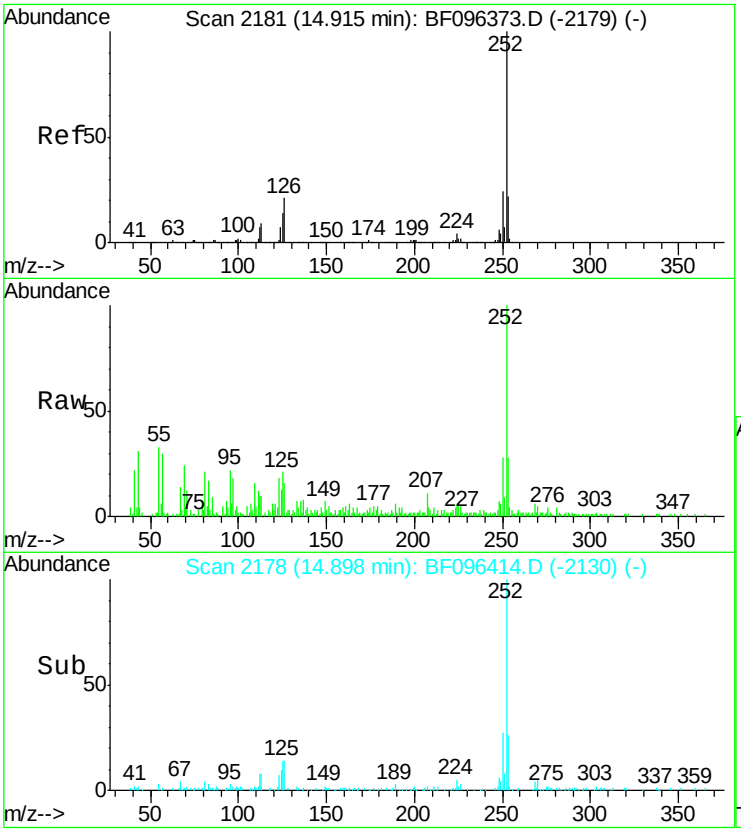


#87
Benzo(b)fluoranthene
Concen: 7.530 ng m
RT: 14.89 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:252 Resp: 94086

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	16.7	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 2.923 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:252 Resp: 32670

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.4	27.6#
125	21.2	13.1	19.7#

Instrument :
BNA_F
ClientSampleId :
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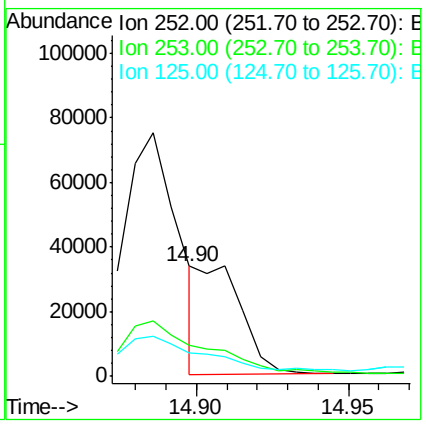
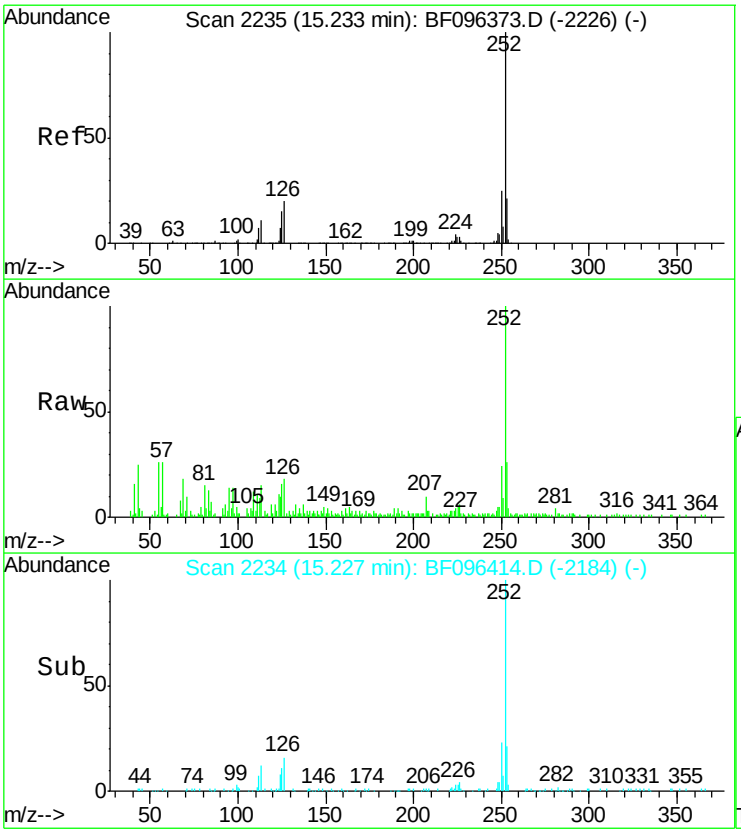
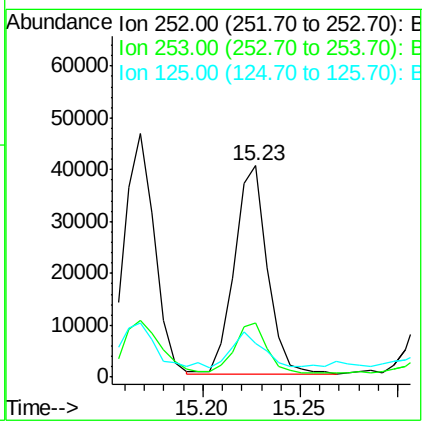


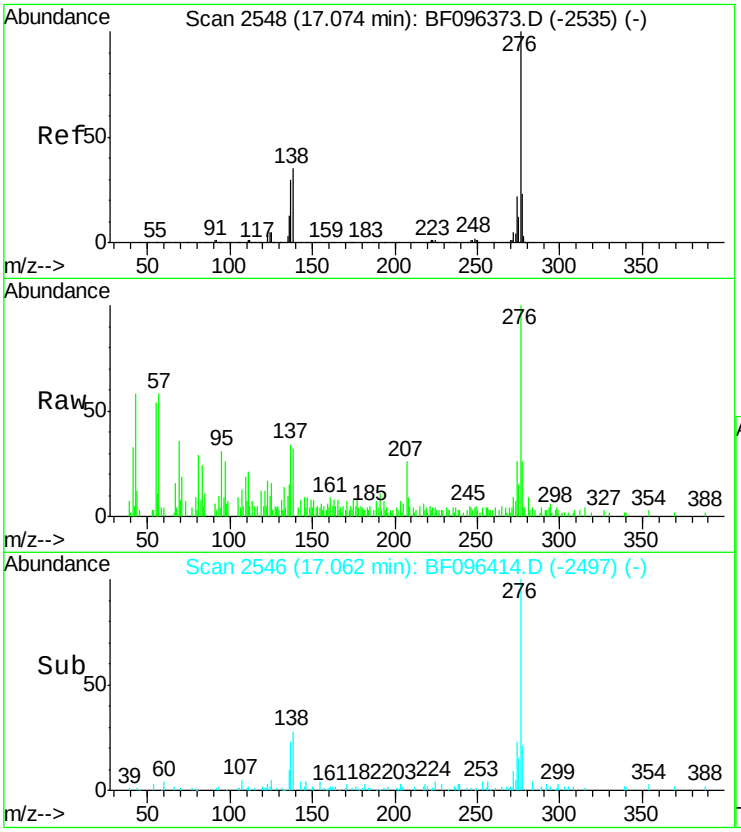


#89
Benzo(a)pyrene
Concen: 4.226 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:252 Resp: 47145

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	16.1	11.0	16.4

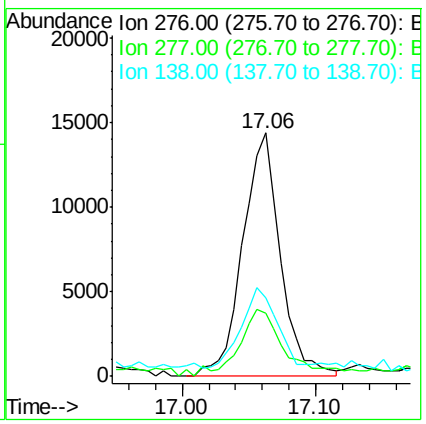




#91
Benzo(g,h,i)perylene
Concen: 3.080 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF096414.D
Acq: 2 Jul 2017 14:21

Tgt Ion:276 Resp: 28009

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.6	28.0
138	32.3	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
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