Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096465.D
Acq On : 4 Jul 2017 3:42
Operator : SJ/MA
Sample : I3998-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Q5-WSW

Manual Integrations APPROVED
mohammad
7/5/2017 11:42:07 AM

Quant Time: Jul 04 04:12:45 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	96129	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	361055	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	157374	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	259137	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	207033	20.00	ng		-0.01
86) Perylene-d12	15.28	264	124228	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	652022	100.11	ng		0.00
7) Phenol-d6	6.36	99	772039	96.42	ng		-0.01
23) Nitrobenzene-d5	7.29	82	396544	66.00	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	122987	100.05	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	789747	85.80	ng		-0.01
78) Terphenyl-d14	12.83	244	569796	58.81	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	40067	4.393	ng		97
31) Naphthalene	8.03	128	34700	2.036	ng		99
49) Dimethylphthalate	9.47	163	226550	19.284	ng		99
70) Phenanthrene	11.26	178	218569	15.603	ng		98
71) Anthracene	11.31	178	41799	2.928	ng		99
74) Fluoranthene	12.45	202	315365	22.962	ng		98
77) Pyrene	12.67	202	288084	17.336	ng		99
80) Benzo(a)anthracene	13.86	228	105390	8.791	ng		97
82) Chrysene	13.90	228	104776	8.345	ng		97
85) Indeno(1,2,3-cd)pyrene	16.64	276	37002	3.734	ng		95
87) Benzo(b)fluoranthene	14.88	252	85725m	11.013	ng		
88) Benzo(k)fluoranthene	14.90	252	27670m	3.974	ng		
89) Benzo(a)pyrene	15.22	252	62241	8.956	ng	#	92
91) Benzo(g,h,i)perylene	17.05	276	34897	6.160	ng		97

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

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Misc :
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Quant Time: Jul 04 04:12:45 2017
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Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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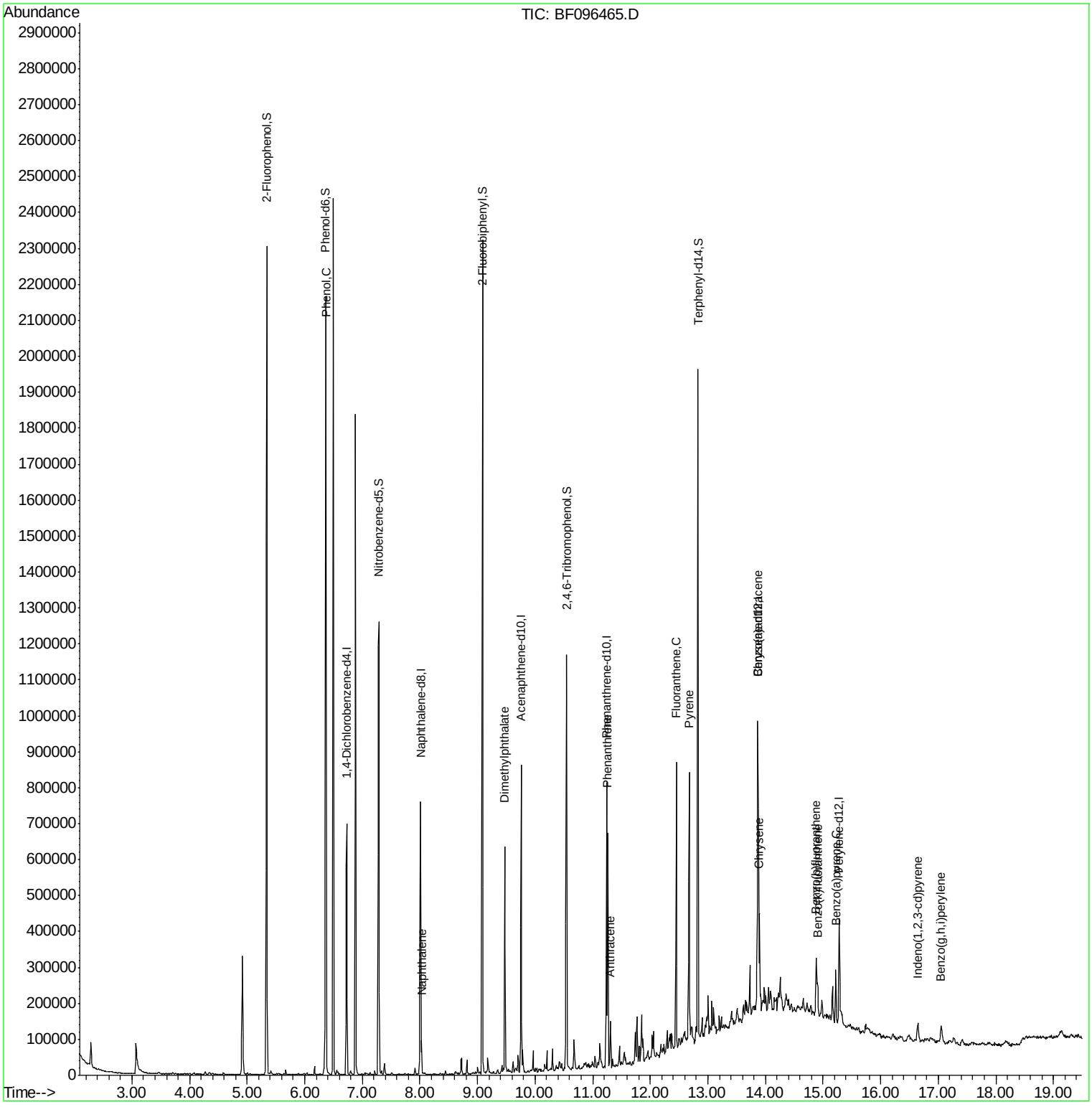
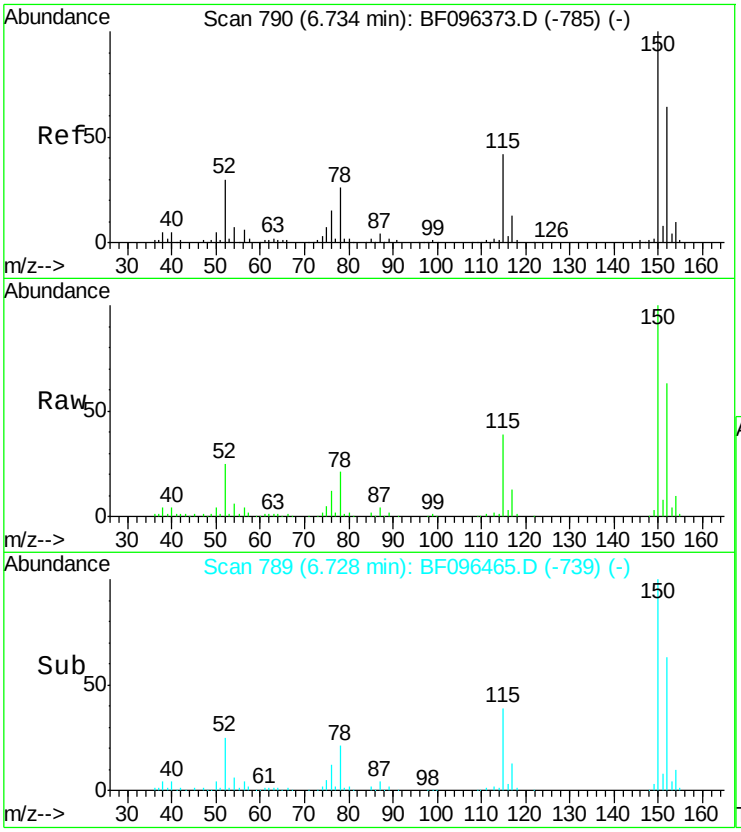
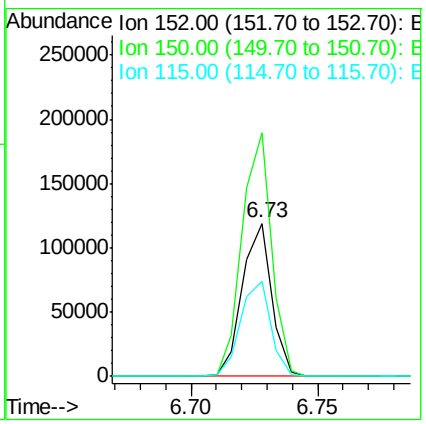




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:152 Resp: 96129

Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	62.4	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
E2-Q5-WSW

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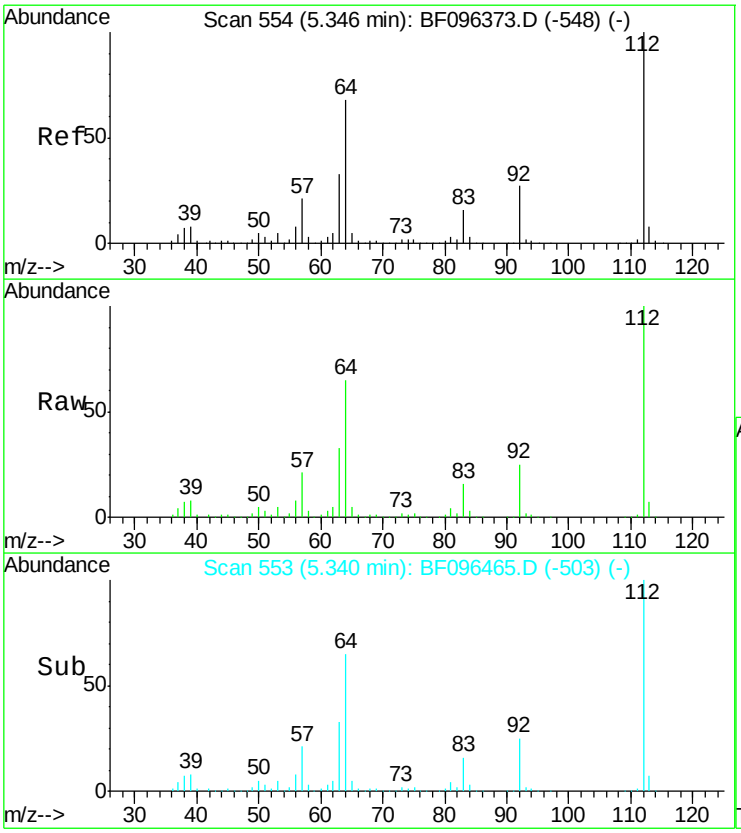
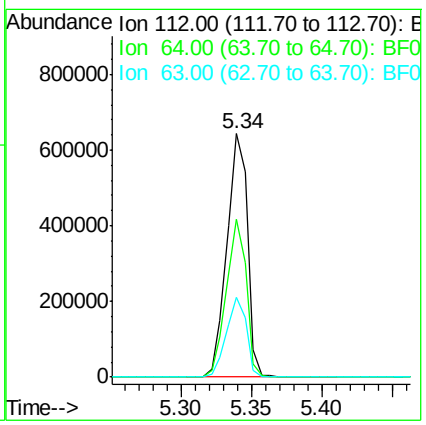
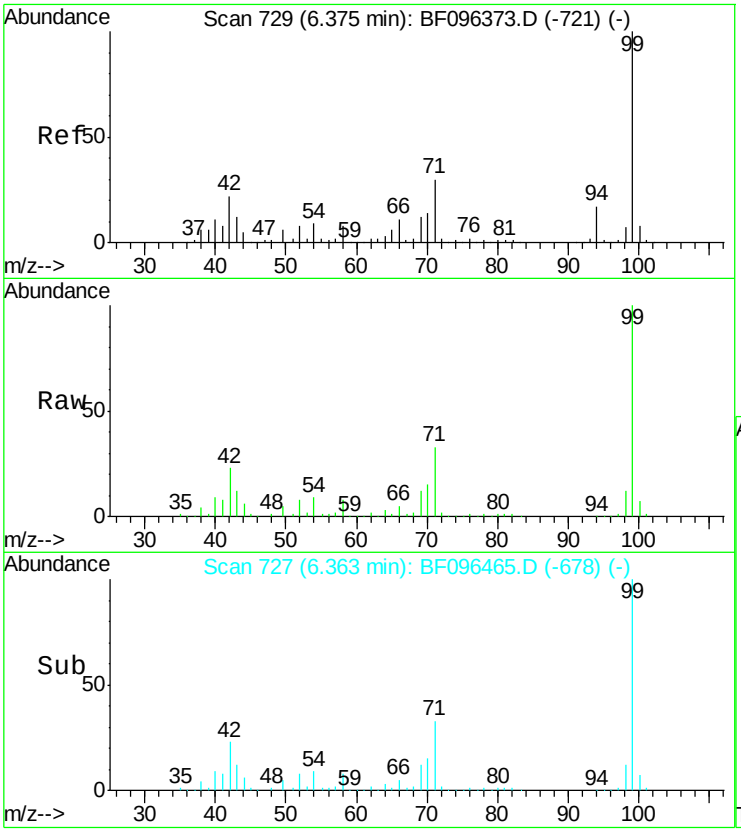


#5
2-Fluorophenol
Concen: 100.112 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:112 Resp: 652022

Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	32.8	23.4	35.0

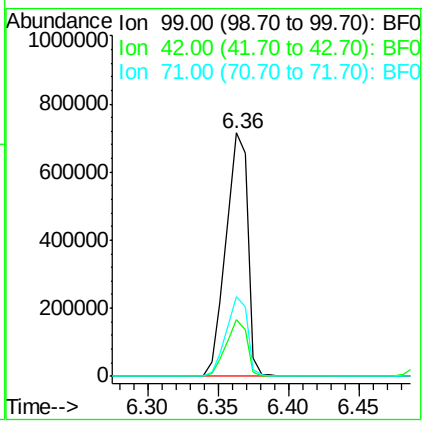




#7
Phenol-d6
Concen: 96.423 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion: 99 Resp: 772039

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	32.7	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
E2-Q5-WSW

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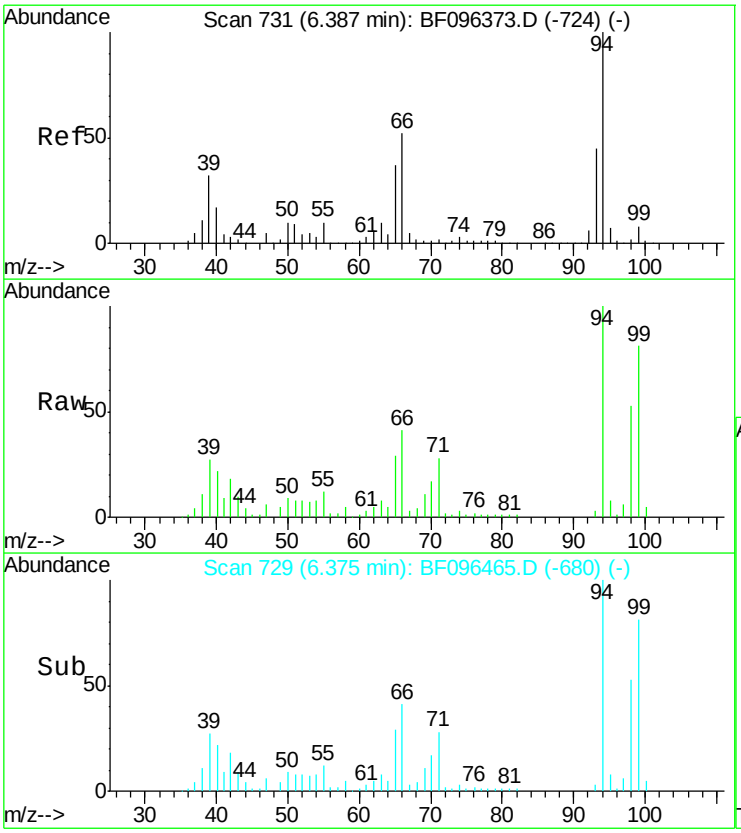
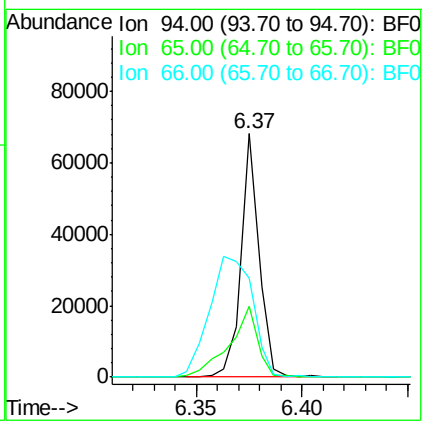
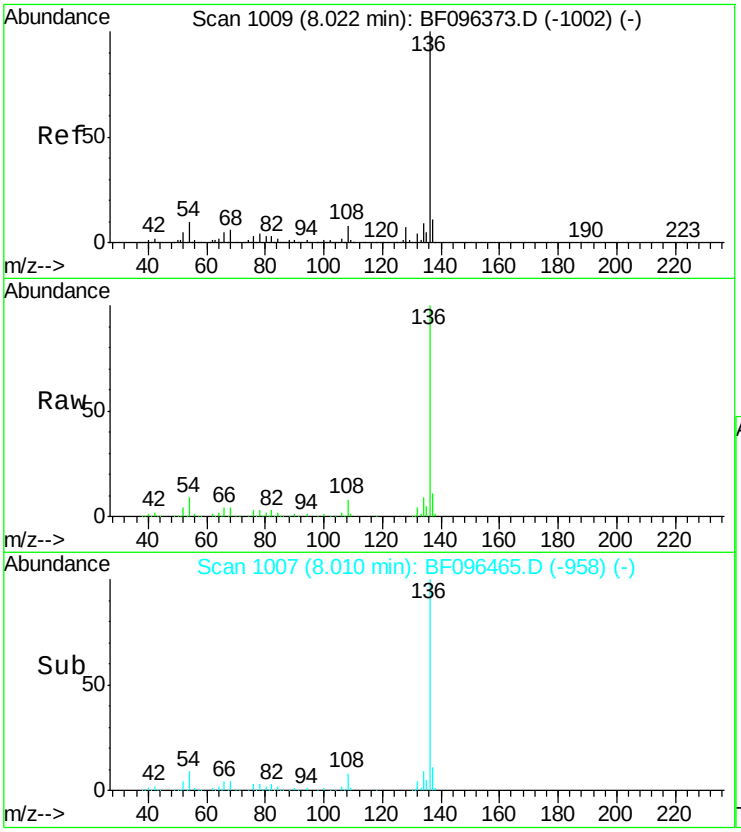


#10
Phenol
Concen: 4.393 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion: 94 Resp: 40067

Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.9	49.9
66	40.6	23.1	63.1

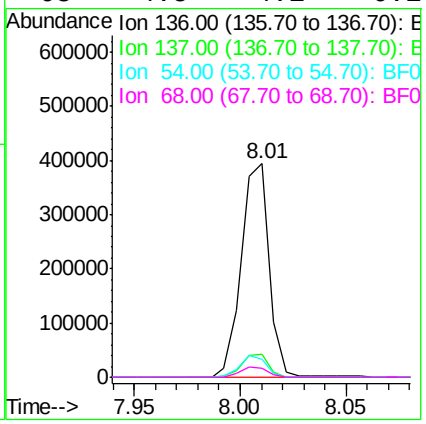




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:136 Resp: 361055

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	8.5	4.9	7.3#
68	4.5	4.1	6.1



Instrument :
BNA_F
ClientSampleId :
E2-Q5-WSW

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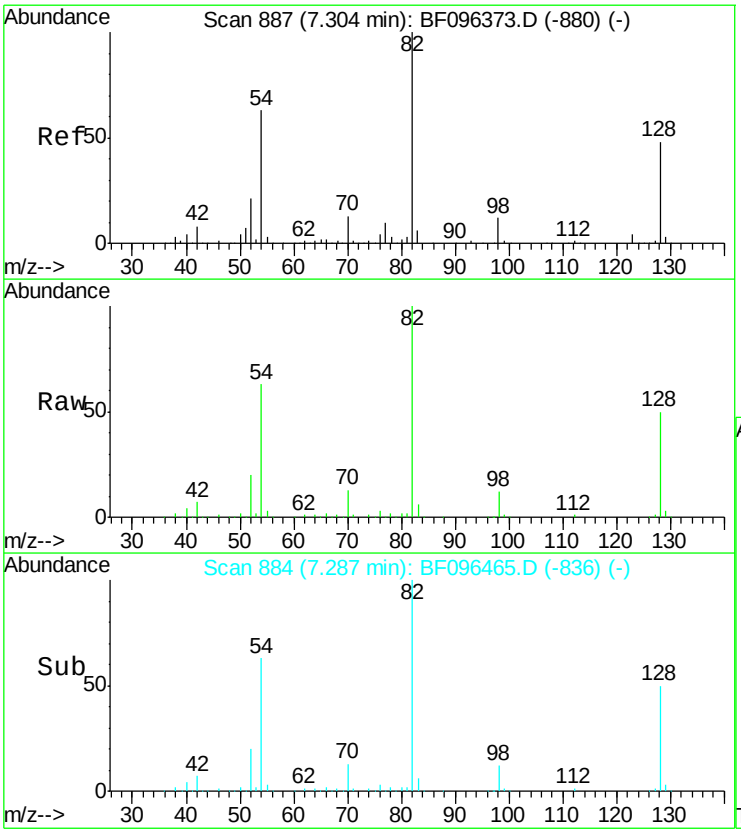
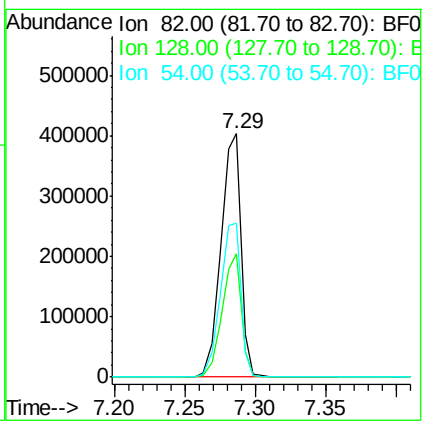
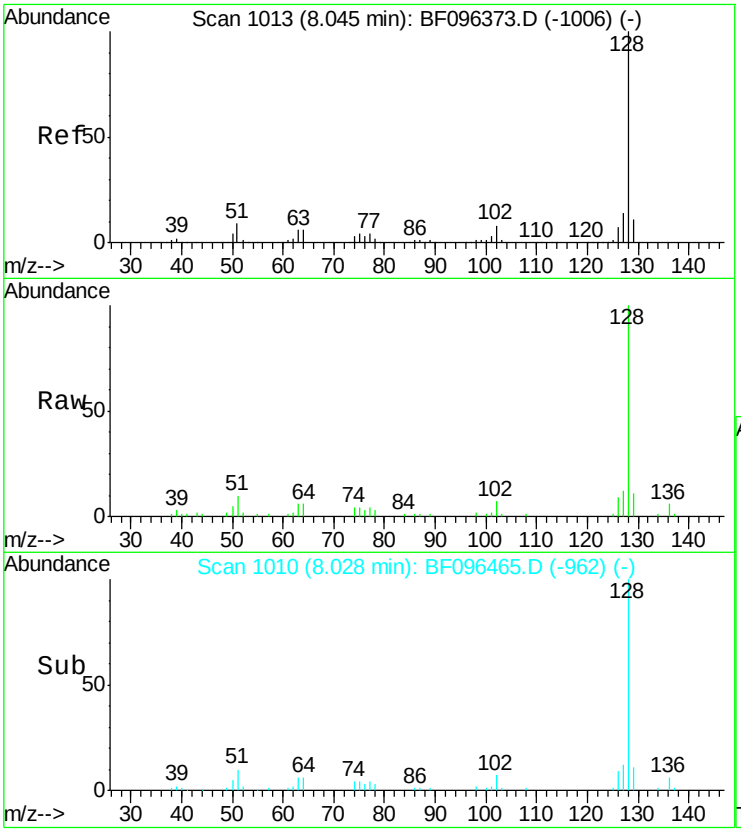


#23
Nitrobenzene-d5
Concen: 65.997 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion: 82 Resp: 396544

Ion	Ratio	Lower	Upper
82	100		
128	50.4	34.0	51.0
54	63.5	42.2	63.2#

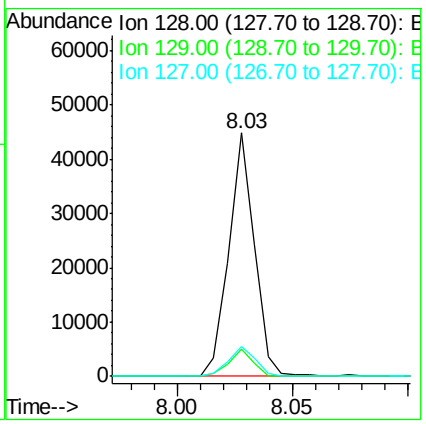




#31
Naphthalene
Concen: 2.036 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:128 Resp: 34700

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
E2-Q5-WSW

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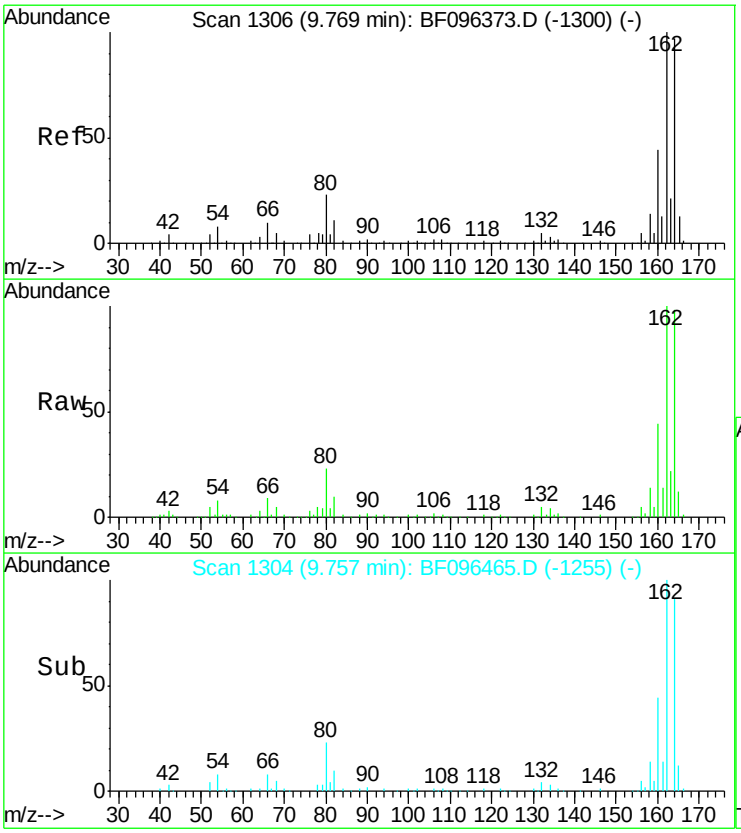
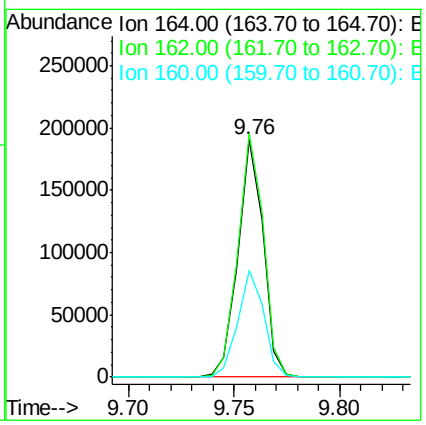
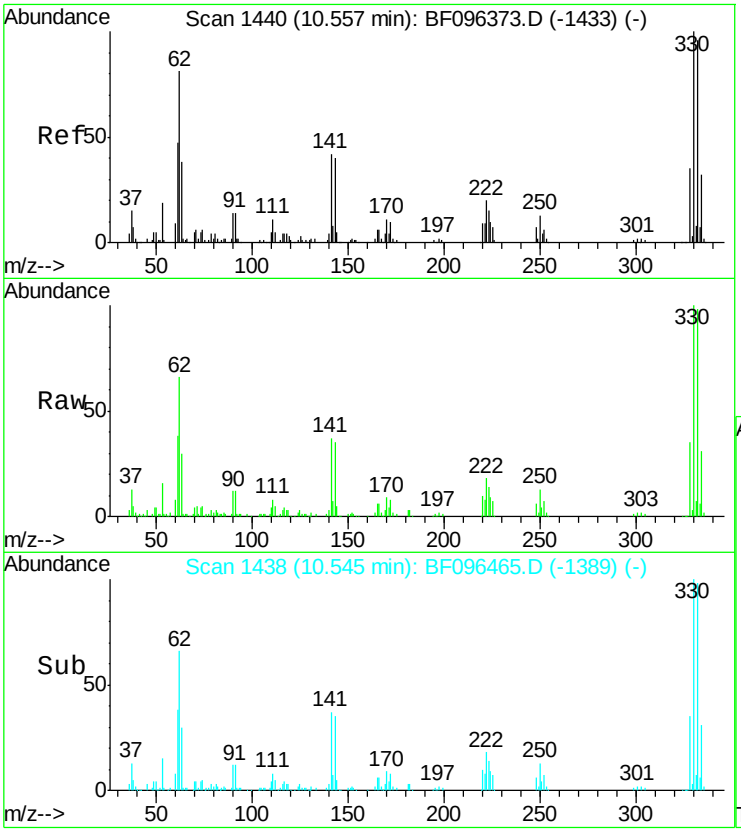


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:164 Resp: 157374

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	45.0	36.2	54.2

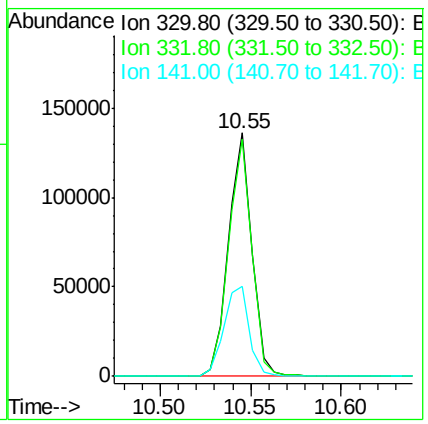




#41
2,4,6-Tribromophenol
Concen: 100.048 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:330 Resp: 122987

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	40.3	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
E2-Q5-WSW

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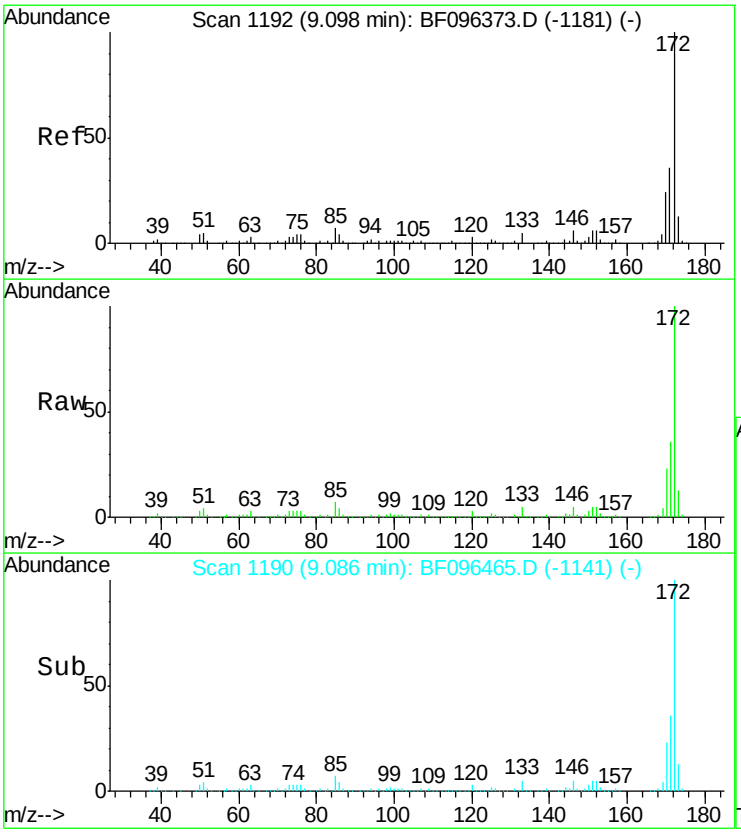
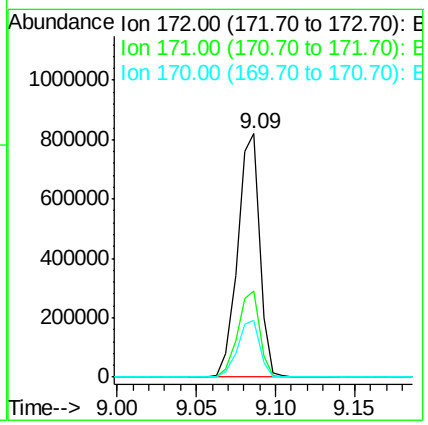
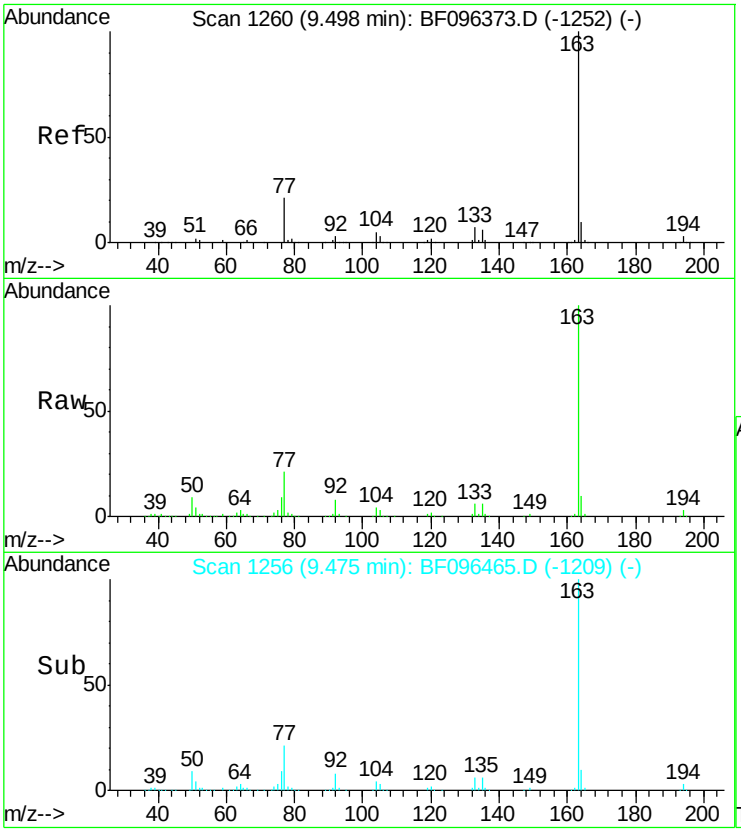


#44
2-Fluorobiphenyl
Concen: 85.801 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:172 Resp: 789747

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.4	19.8	29.8

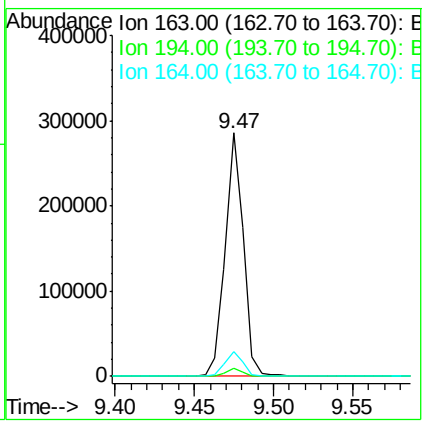




#49
Dimethylphthalate
Concen: 19.284 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:163 Resp: 226550

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
E2-Q5-WSW

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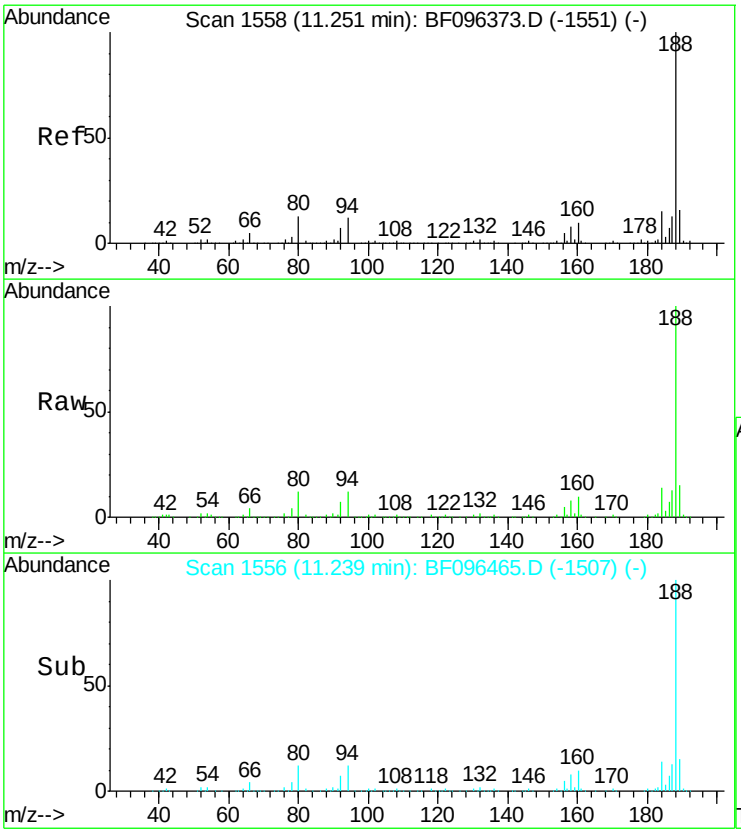
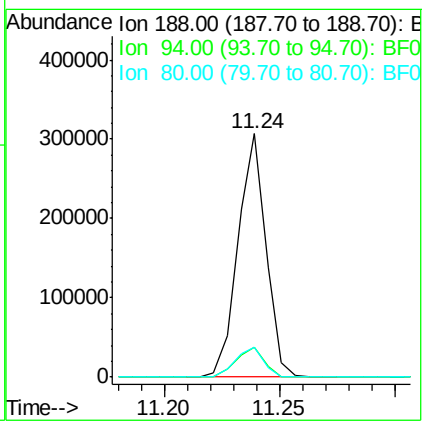
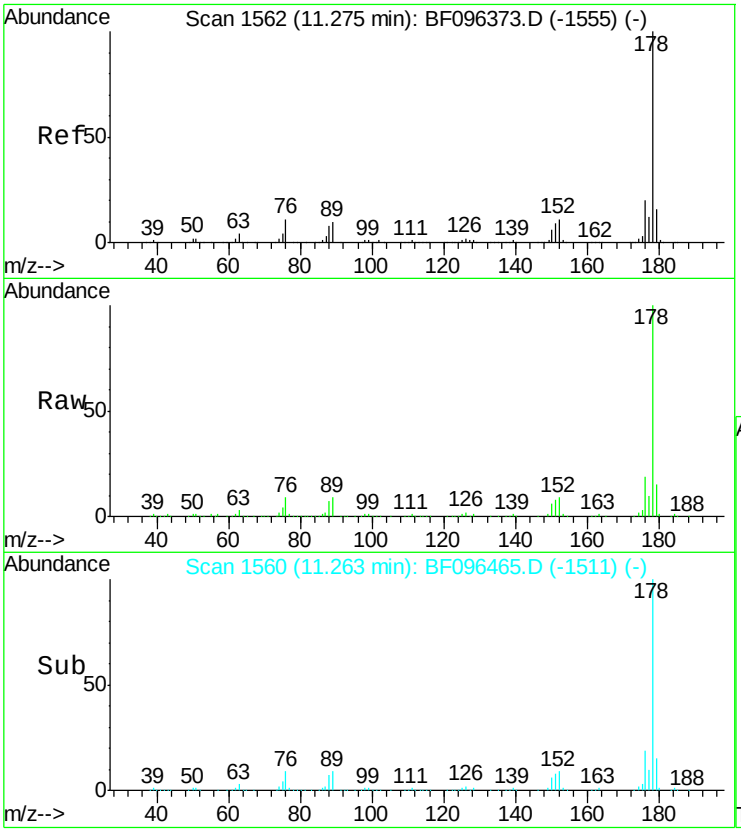


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:188 Resp: 259137

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.5	10.2	15.2

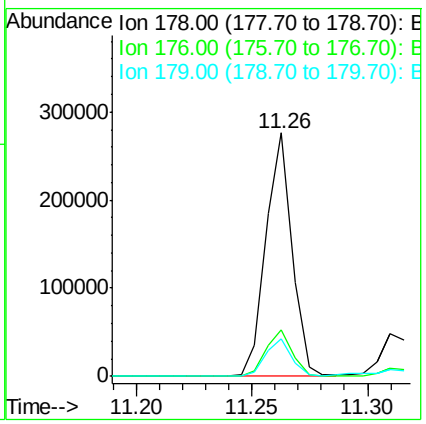




#70
Phenanthrene
Concen: 15.603 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:178 Resp: 218569

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.2	12.6	19.0



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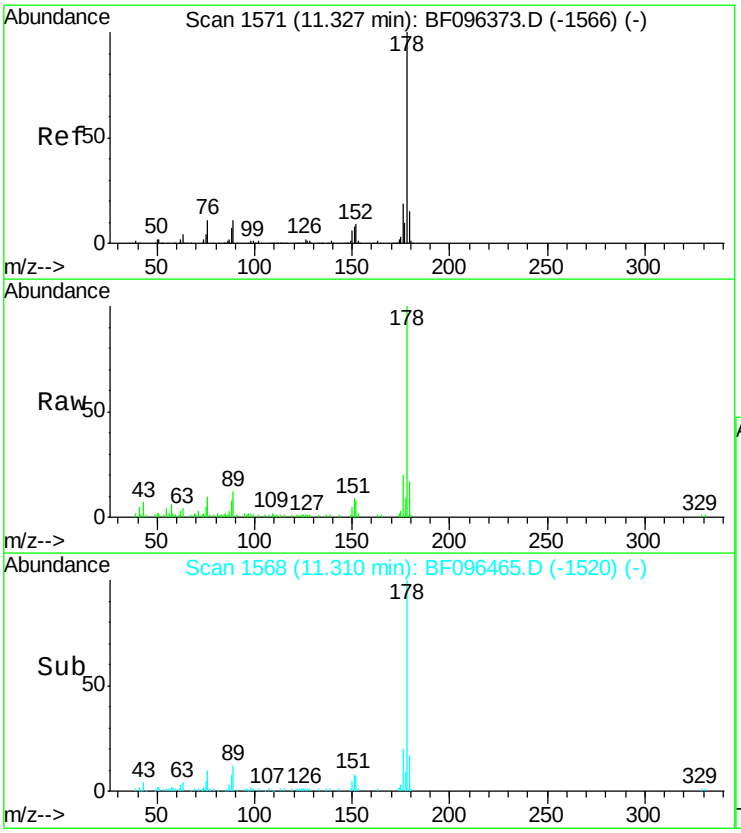
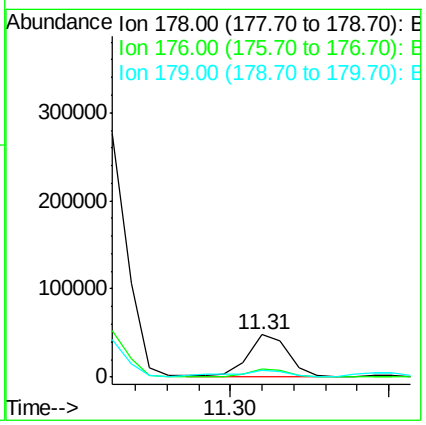
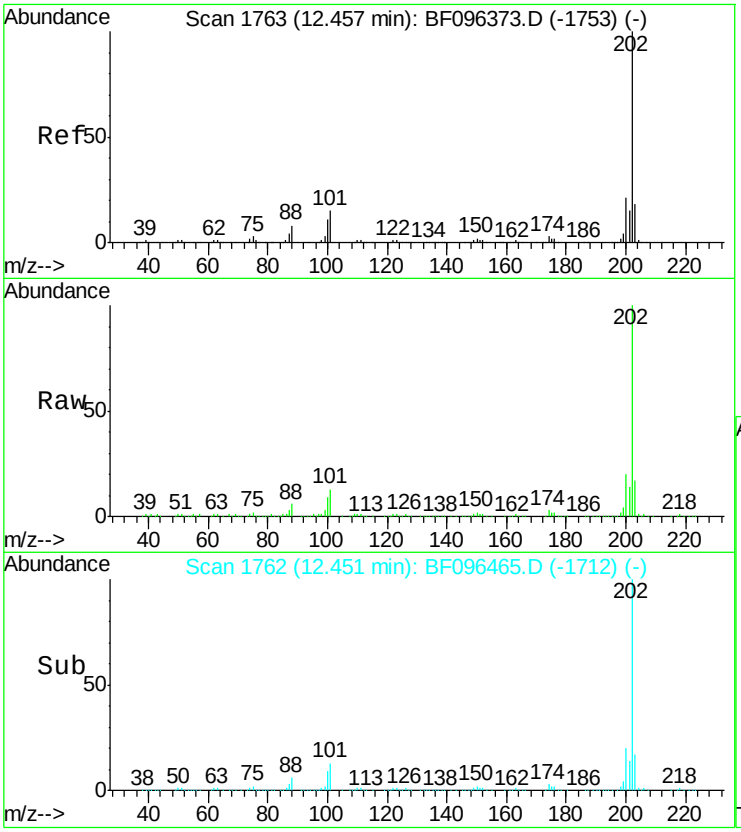


#71
Anthracene
Concen: 2.928 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:178 Resp: 41799

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	17.0	12.7	19.1

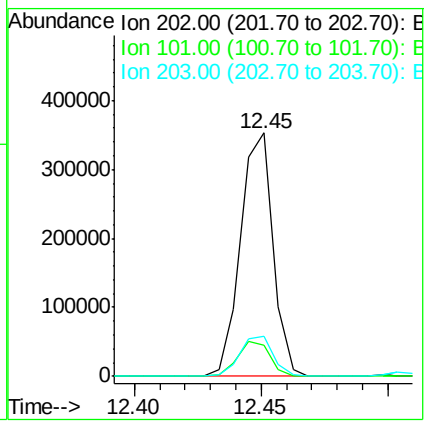




#74
Fluoranthene
Concen: 22.962 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:202 Resp: 315365

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	16.5	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
E2-Q5-WSW

Manual Integrations APPROVED
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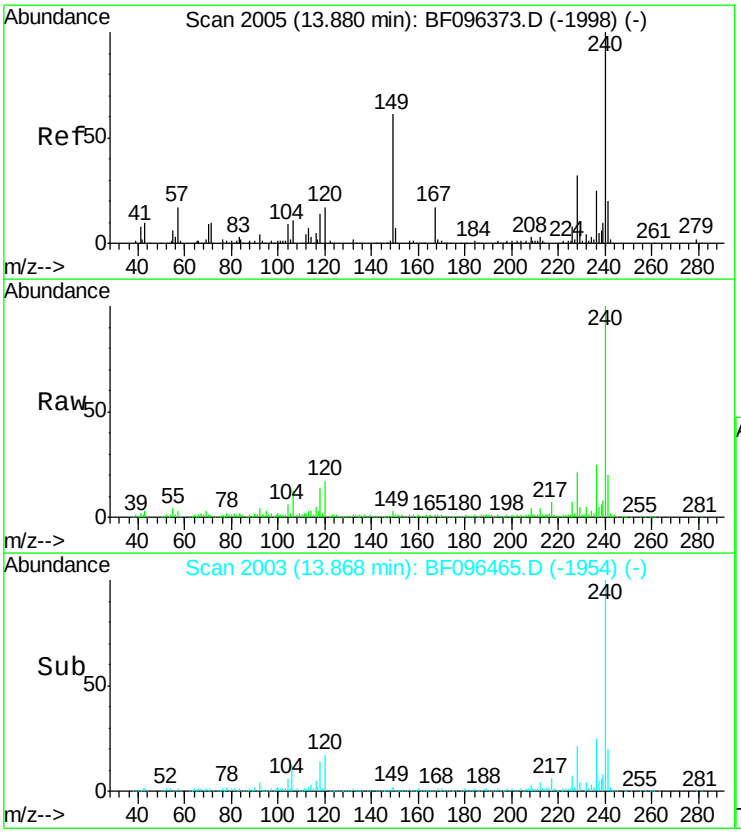
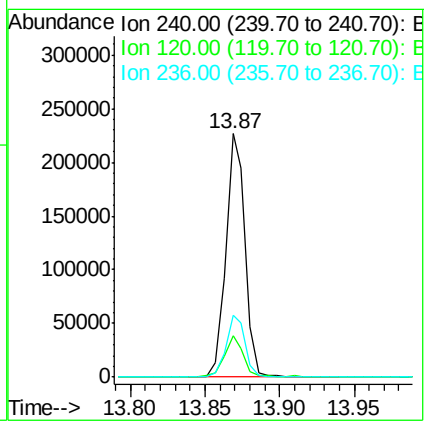
7/5/2017 11:42:07 AM

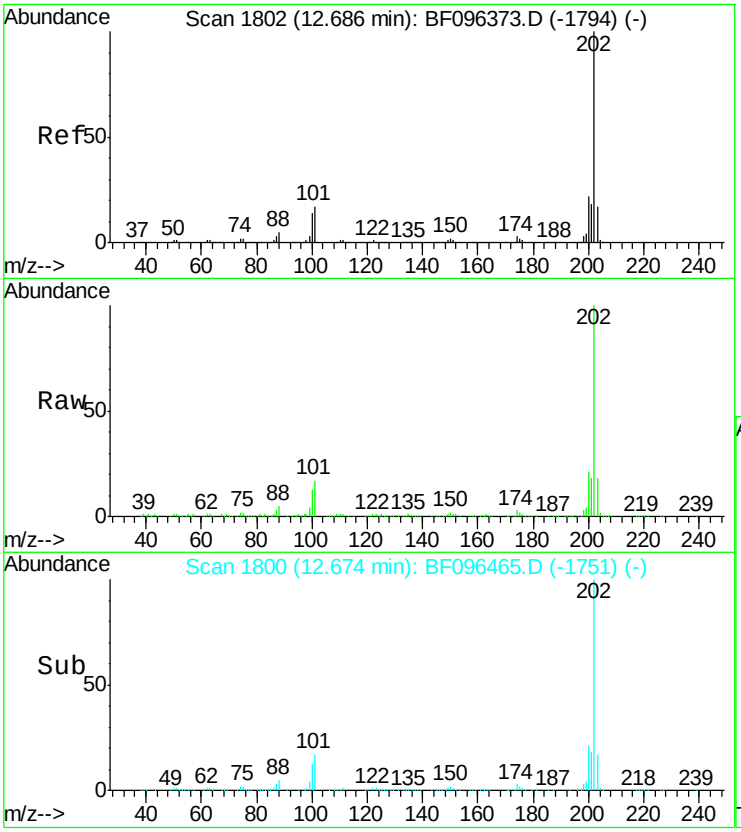


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:240 Resp: 207033

Ion	Ratio	Lower	Upper
240	100		
120	17.1	5.8	8.8#
236	25.3	20.5	30.7

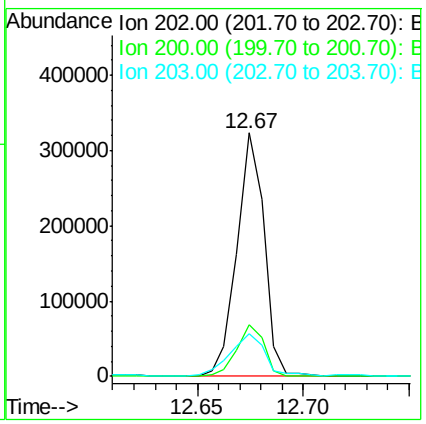




#77
Pyrene
Concen: 17.336 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:202 Resp: 288084

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.6	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
E2-Q5-WSW

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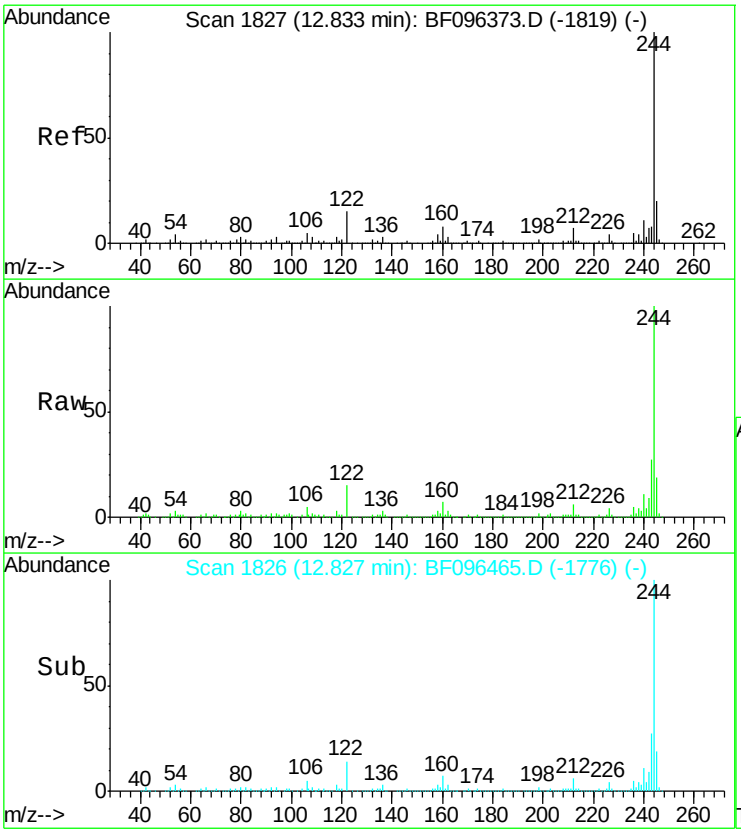
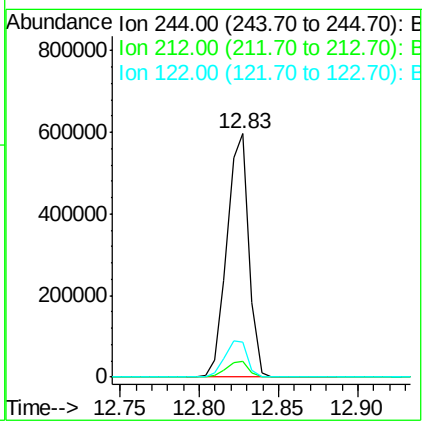
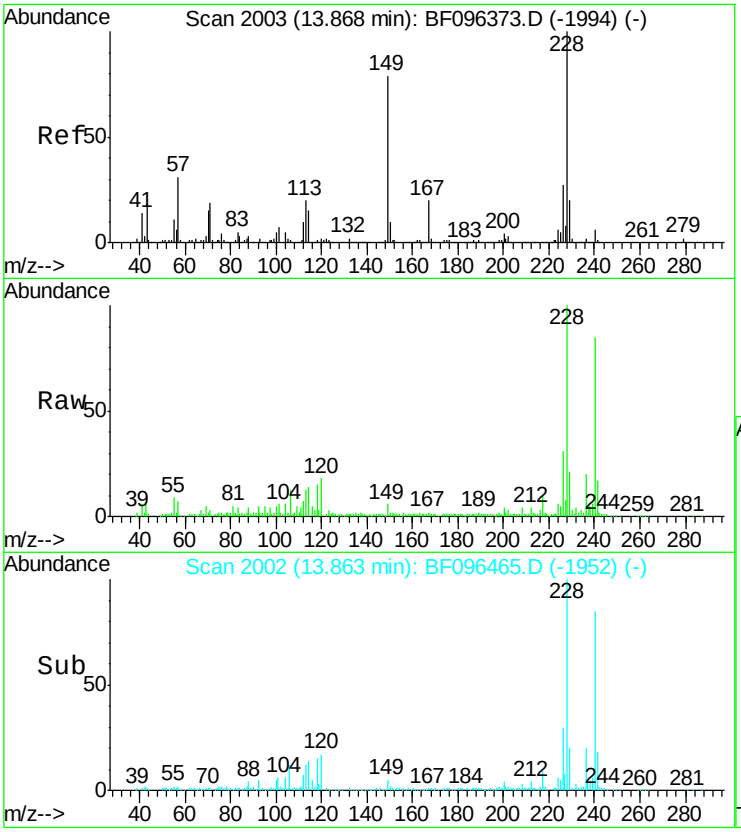


#78
Terphenyl-d14
Concen: 58.810 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:244 Resp: 569796

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.5	10.3	15.5

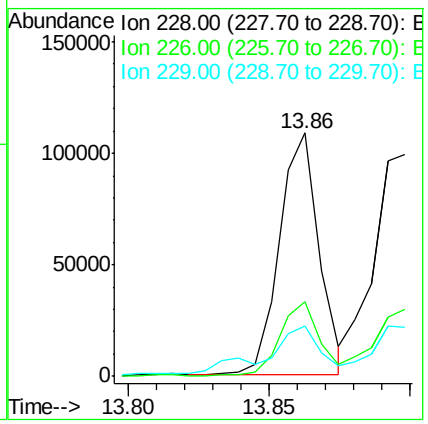




#80
Benzo(a)anthracene
Concen: 8.791 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:228 Resp: 105390

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	20.7	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
E2-Q5-WSW

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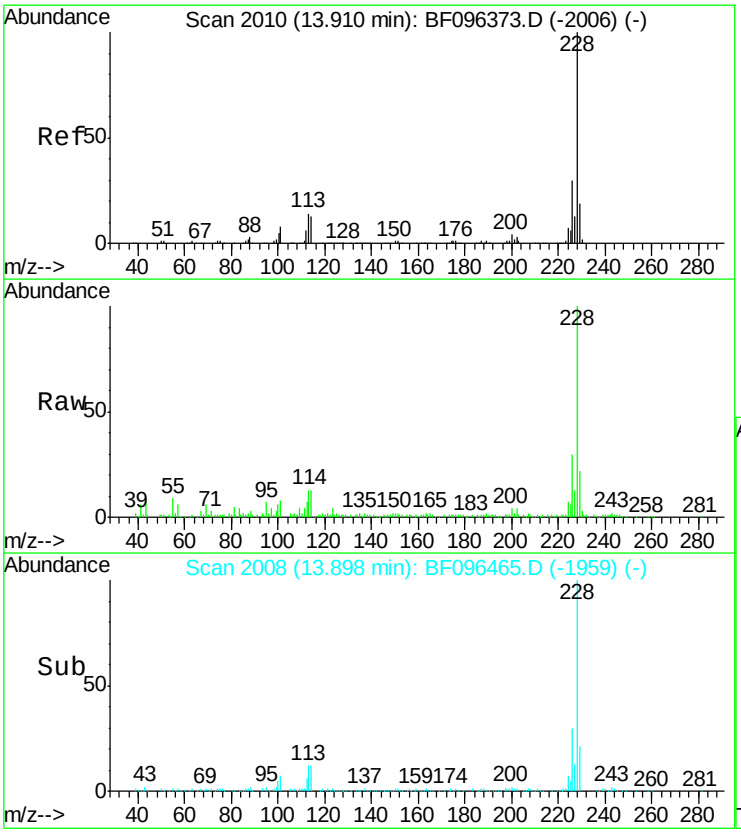
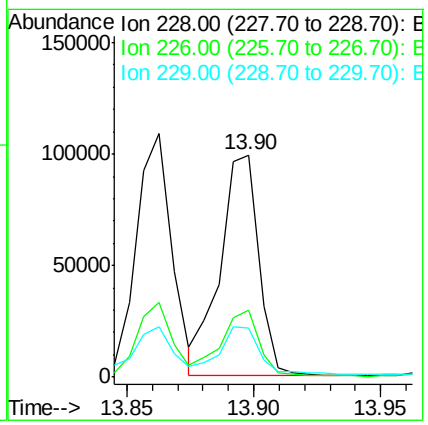
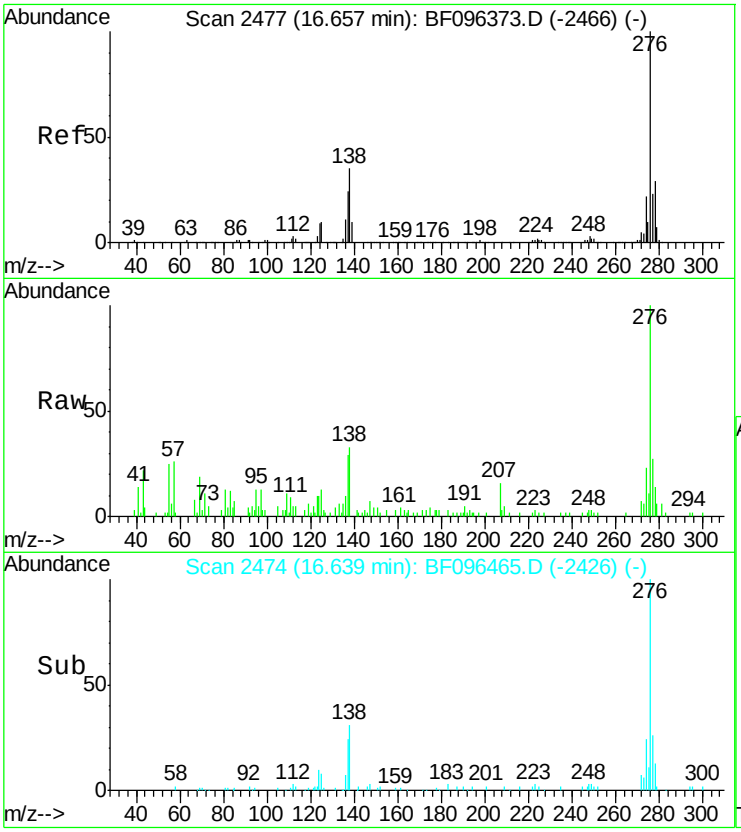


#82
Chrysene
Concen: 8.345 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:228 Resp: 104776

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	22.0	15.8	23.6

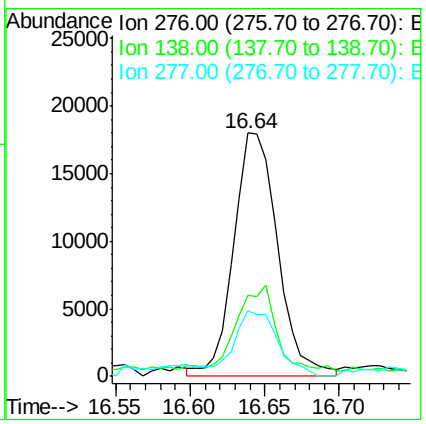




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.734 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.02 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:276 Resp: 37002

Ion	Ratio	Lower	Upper
276	100		
138	30.6	27.8	41.6
277	26.4	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
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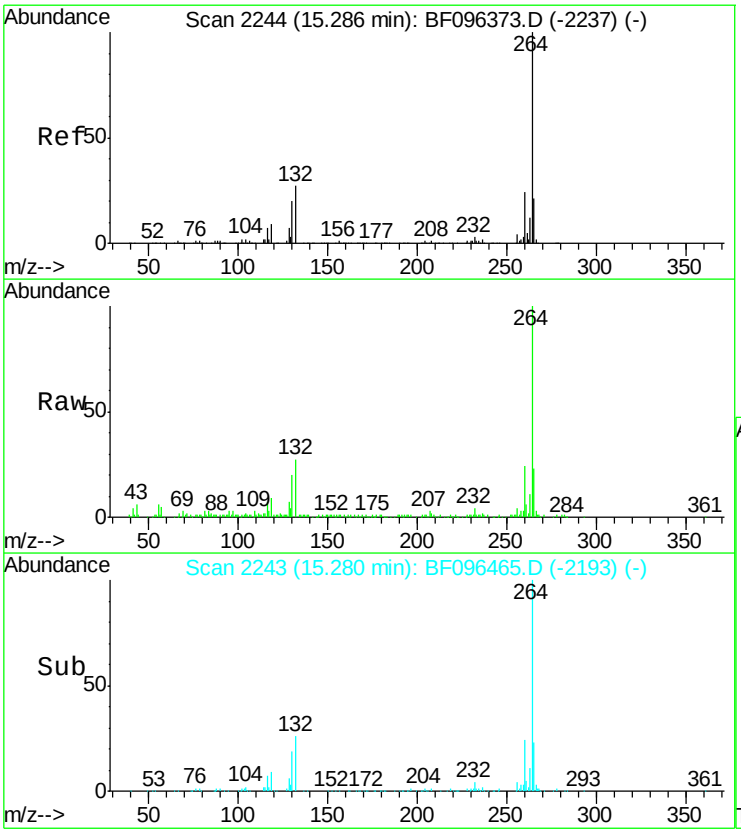
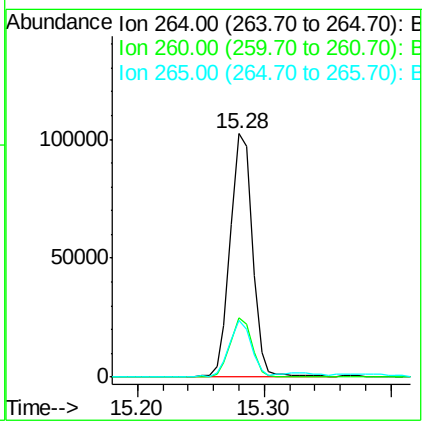
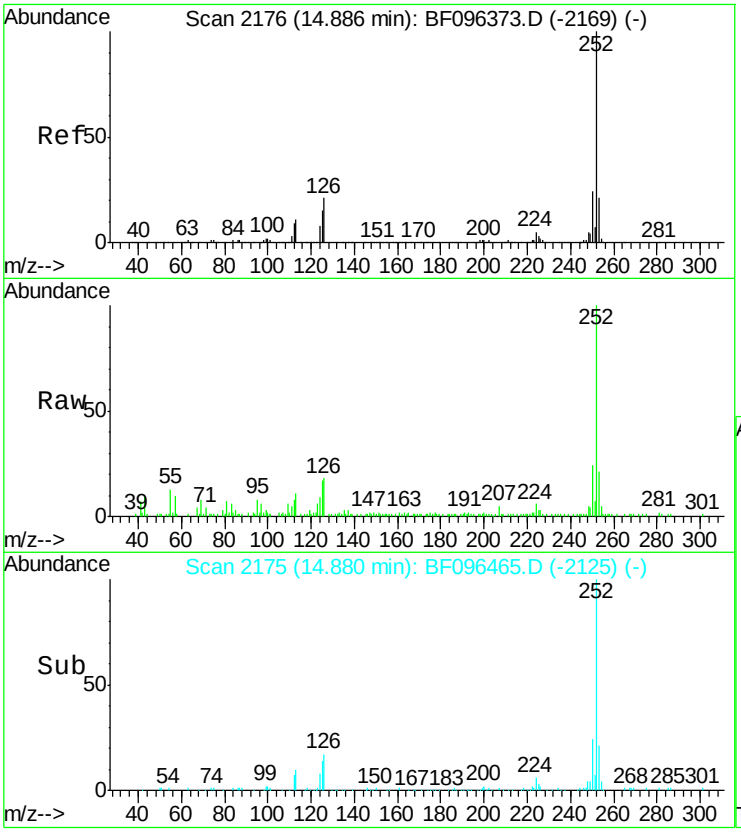


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:264 Resp: 124228

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	23.3	17.2	25.8





#87
Benzo(b)fluoranthene
Concen: 11.013 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:252 Resp: 85725

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	17.1	9.8	14.8#

Instrument :
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ClientSampleId :
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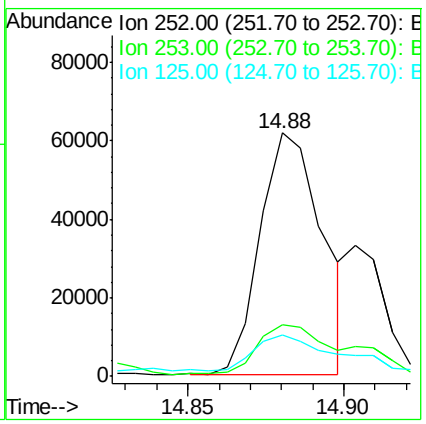
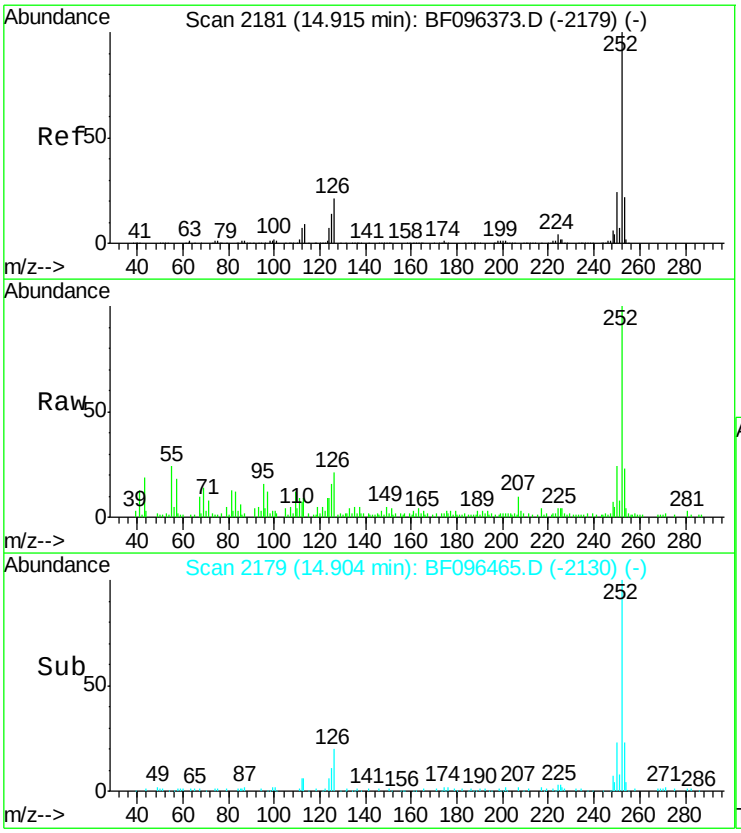
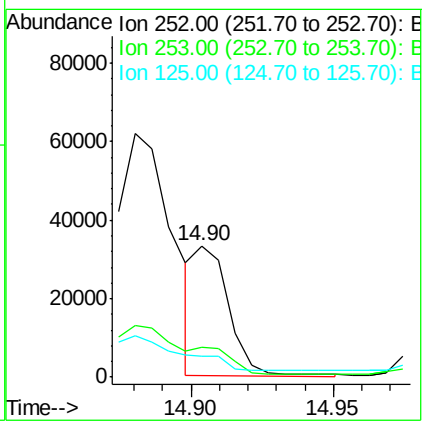


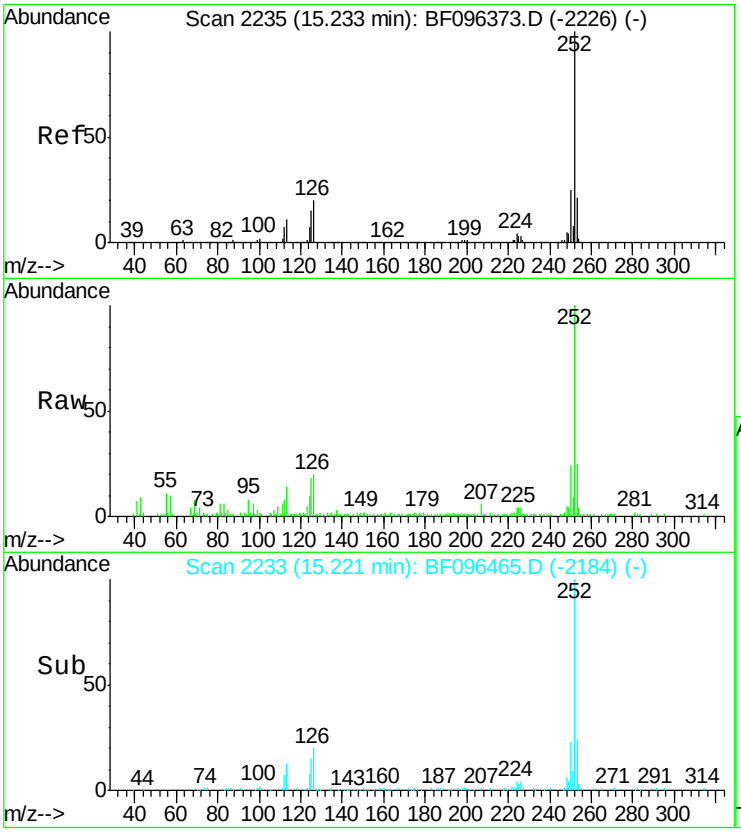


#88
Benzo(k)fluoranthene
Concen: 3.974 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:252 Resp: 27670

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	16.1	13.1	19.7

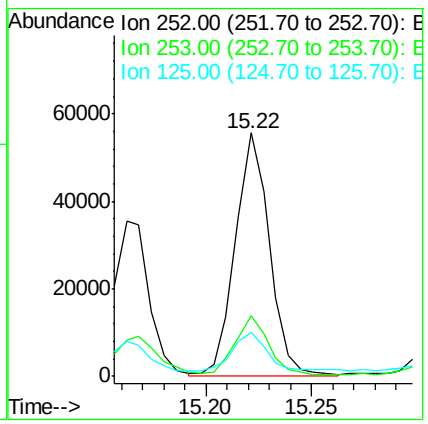




#89
Benzo(a)pyrene
Concen: 8.956 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:252 Resp: 62241

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	18.2	11.0	16.4#



Instrument :
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ClientSampleId :
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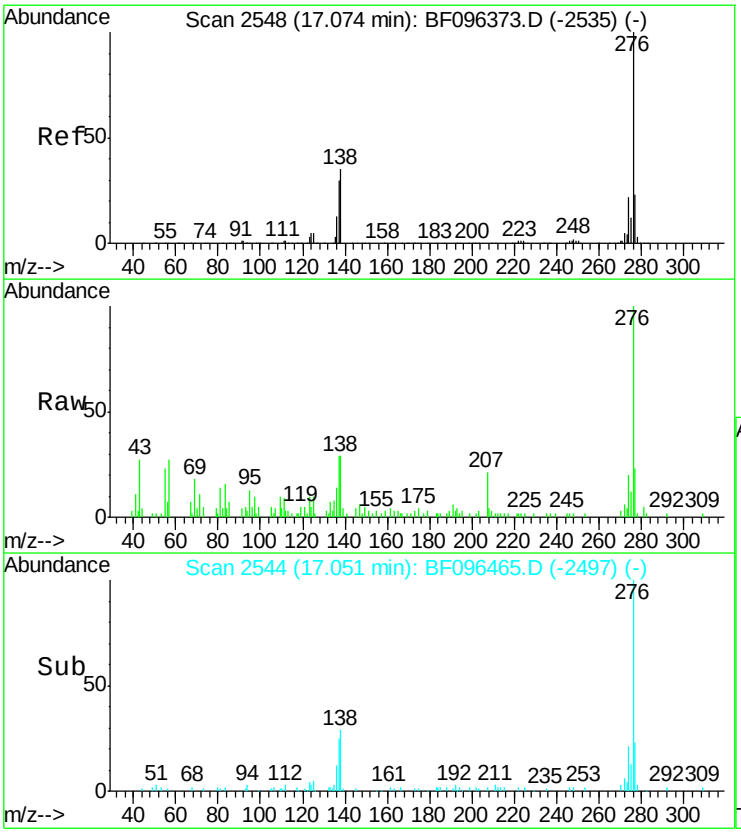

#91
Benzo(g,h,i)perylene
Concen: 6.160 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.02 min
Lab File: BF096465.D
Acq: 4 Jul 2017 3:42

Tgt Ion:276 Resp: 34897

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	28.9	25.4	38.0