Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080262.D
Acq On : 1 Jul 2015 7:24
Operator : TP/IZ
Sample : G2838-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B11

Manual Integrations APPROVED
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7/1/2015 4:18:04 PM

Quant Time: Jul 01 08:03:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	34301	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	139800	20.00	ng		-0.05
38) Acenaphthene-d10	10.34	164	73027	20.00	ng		-0.05
63) Phenanthrene-d10	11.86	188	152346	20.00	ng		-0.05
75) Chrysene-d12	14.97	240	160441	20.00	ng		-0.02
86) Perylene-d12	16.95	264	158526	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	341610	176.29	ng		-0.03
7) Phenol-d6	6.89	99	441812	171.34	ng		-0.03
23) Nitrobenzene-d5	7.84	82	262572	109.34	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	115824	162.20	ng		-0.03
44) 2-Fluorobiphenyl	9.65	172	492803	96.24	ng		-0.05
78) Terphenyl-d14	13.62	244	583672	84.96	ng		-0.05
Target Compounds							Qvalue
48) Acenaphthylene	10.21	152	18038	2.24	ng		95
49) Dimethylphthalate	10.04	163	55248	10.06	ng	#	96
70) Phenanthrene	11.89	178	19796	2.15	ng		97
74) Fluoranthene	13.19	202	53487	5.45	ng		93
77) Pyrene	13.46	202	53114	5.38	ng		97
80) Benzo(a)anthracene	14.96	228	32226m	3.30	ng		
82) Chrysene	15.01	228	33585m	3.73	ng		
85) Indeno(1,2,3-cd)pyrene	18.80	276	24205	2.13	ng	#	87
87) Benzo(b)fluoranthene	16.41	252	47392m	4.94	ng		
89) Benzo(a)pyrene	16.87	252	34331	3.77	ng	#	88
91) Benzo(g,h,i)perylene	19.35	276	28901	3.07	ng	#	77

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
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Acq On : 1 Jul 2015 7:24
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Misc :
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TEC-B11

Manual Integrations APPROVED
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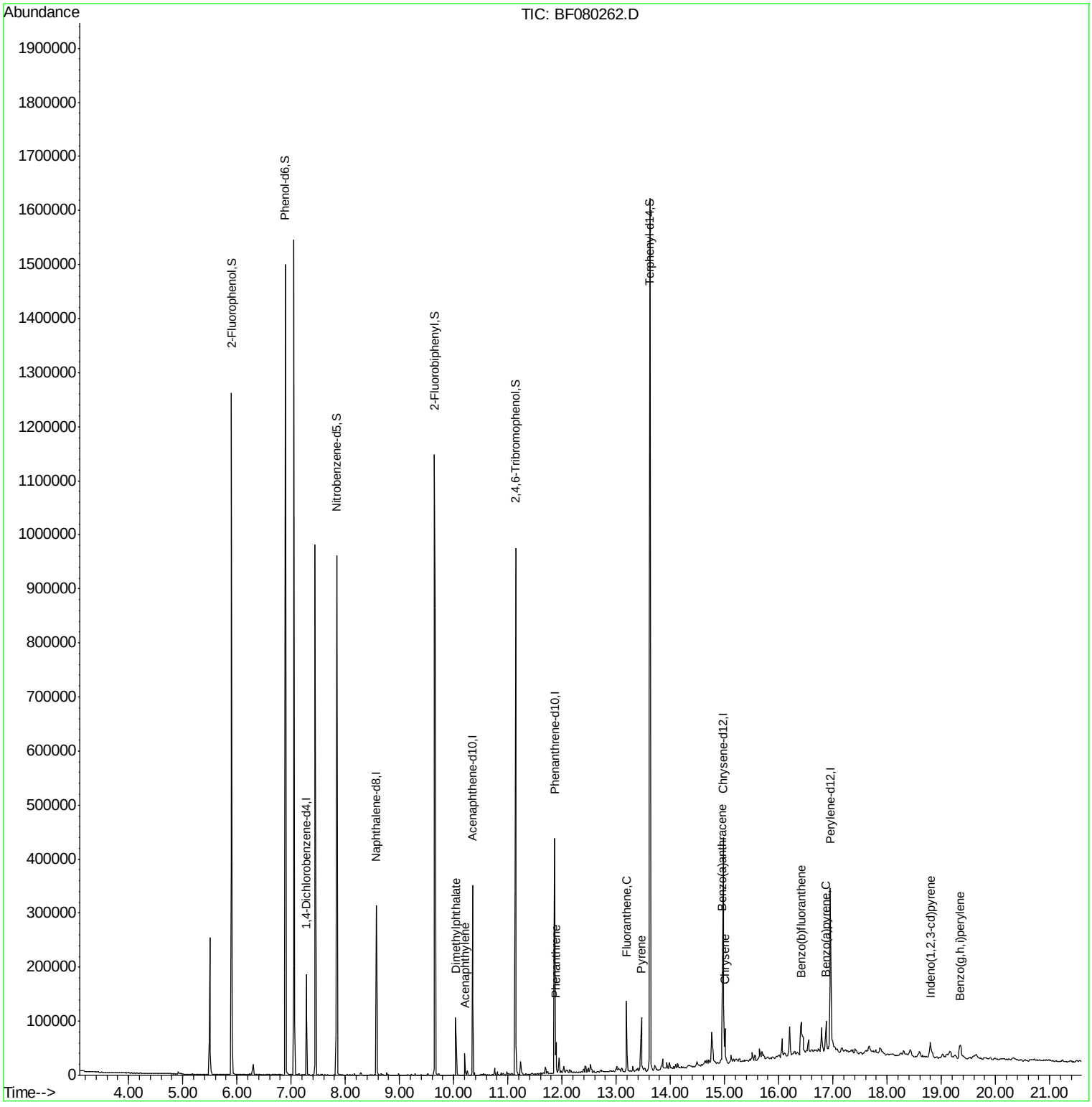
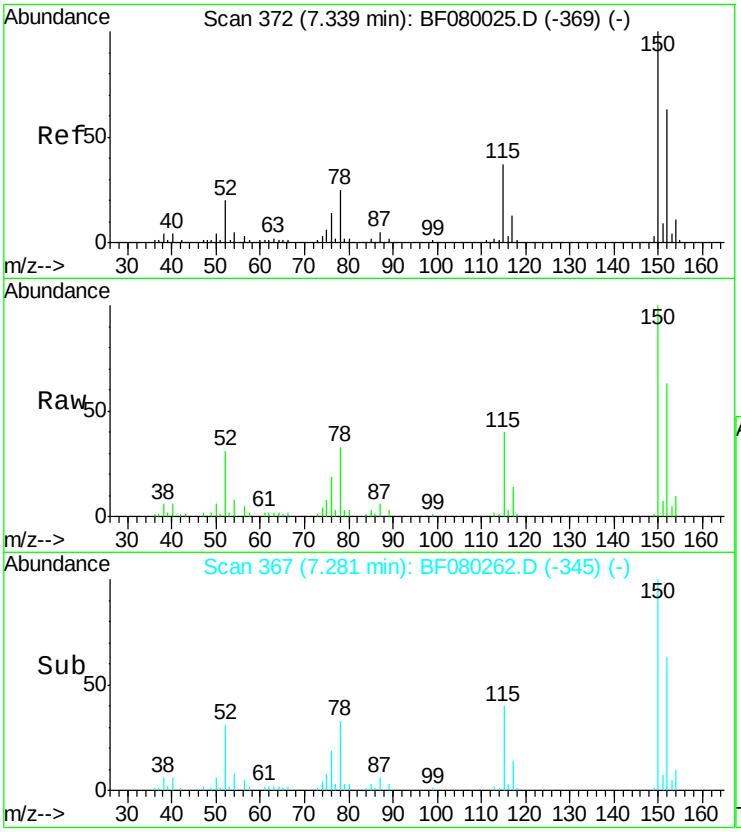
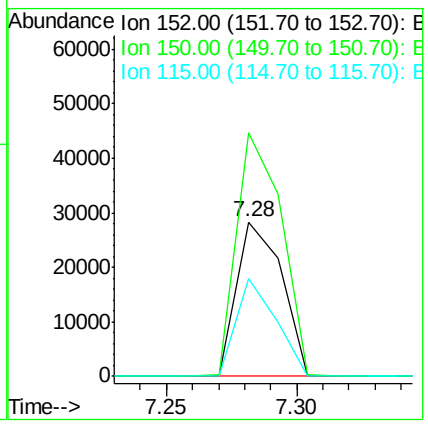




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:152 Resp: 34301

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.7	187.1
115	63.3	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
TEC-B11

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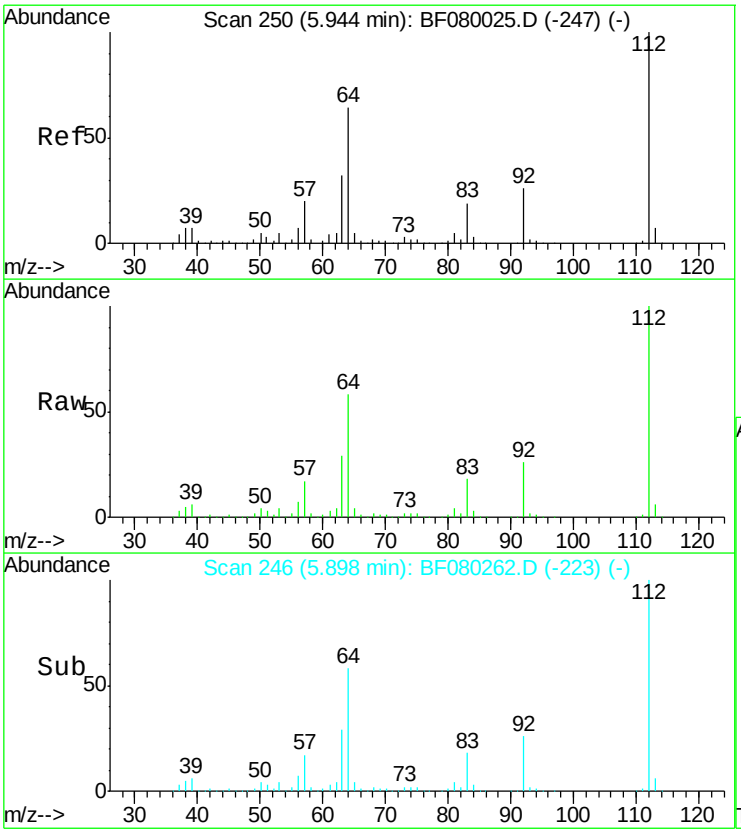
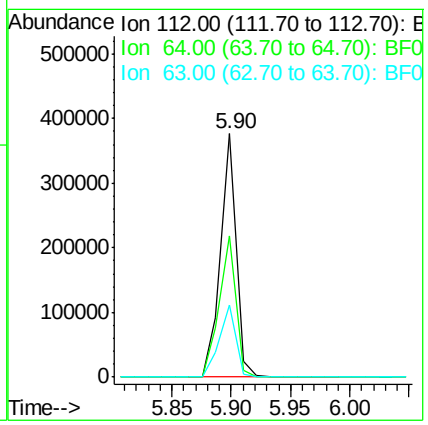
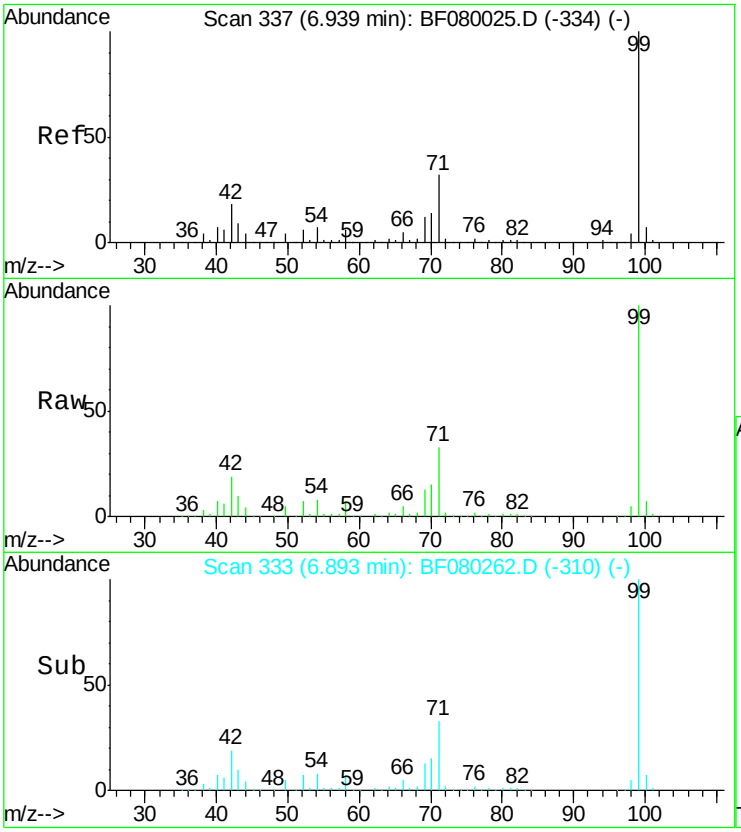


#5
2-Fluorophenol
Concen: 176.29 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:112 Resp: 341610

Ion	Ratio	Lower	Upper
112	100		
64	57.8	39.7	59.5
63	29.4	17.4	26.0#

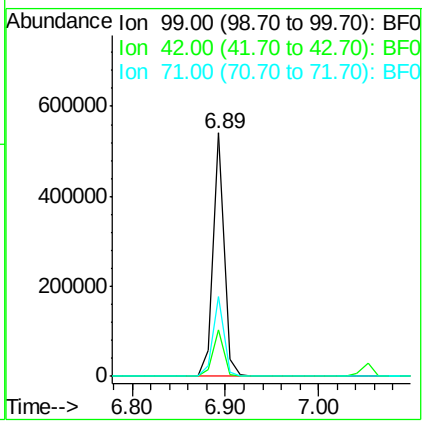




#7
Phenol-d6
Concen: 171.34 ng
RT: 6.89 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion: 99 Resp: 441812

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.7	20.5
71	33.0	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
TEC-B11

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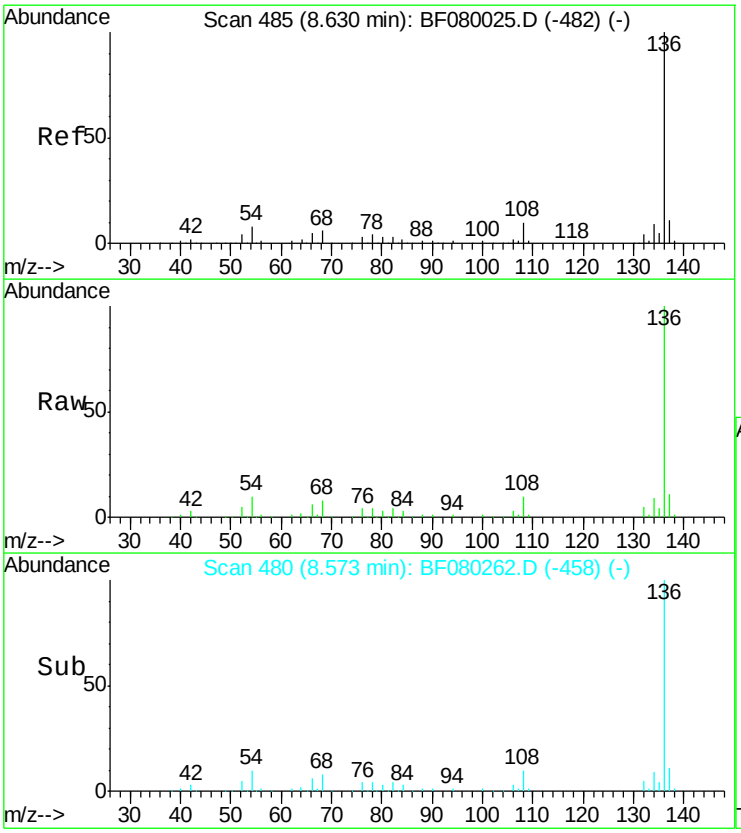
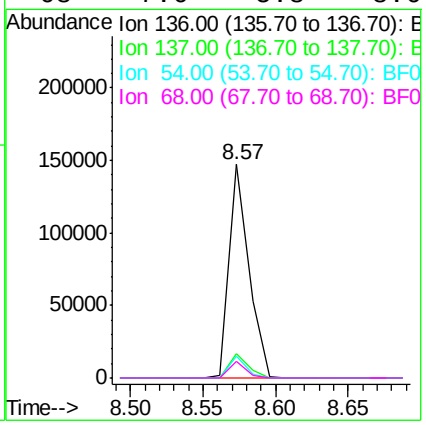
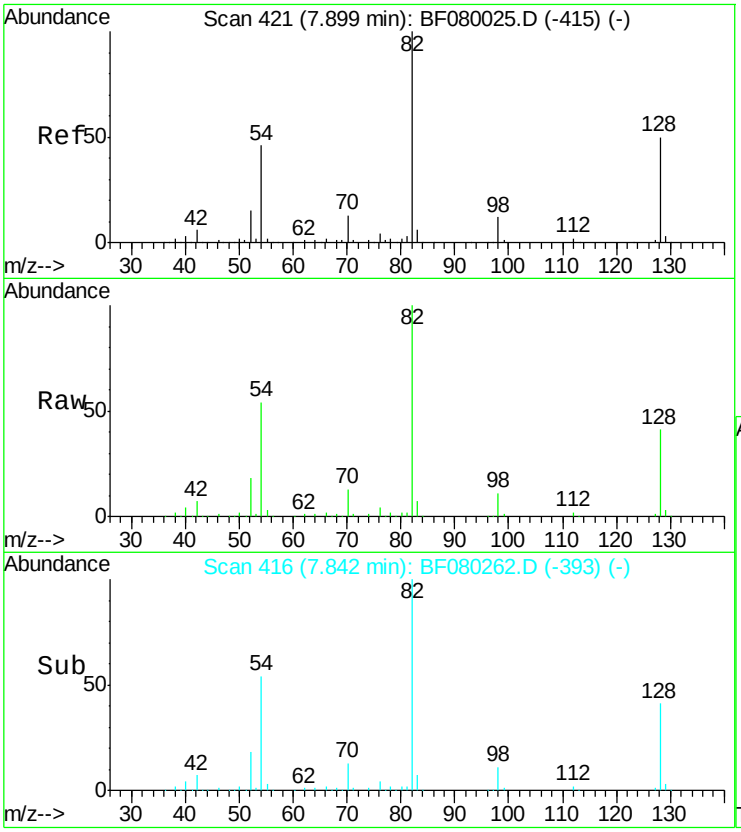


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:136 Resp: 139800

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	10.4	8.2	12.2
68	7.6	5.8	8.6

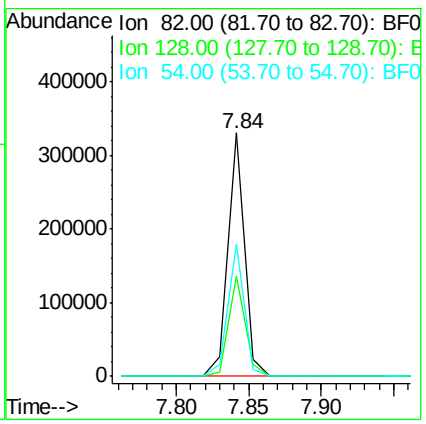




#23
Nitrobenzene-d5
Concen: 109.34 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion: 82 Resp: 262572

Ion	Ratio	Lower	Upper
82	100		
128	41.3	51.0	76.6#
54	54.2	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
TEC-B11

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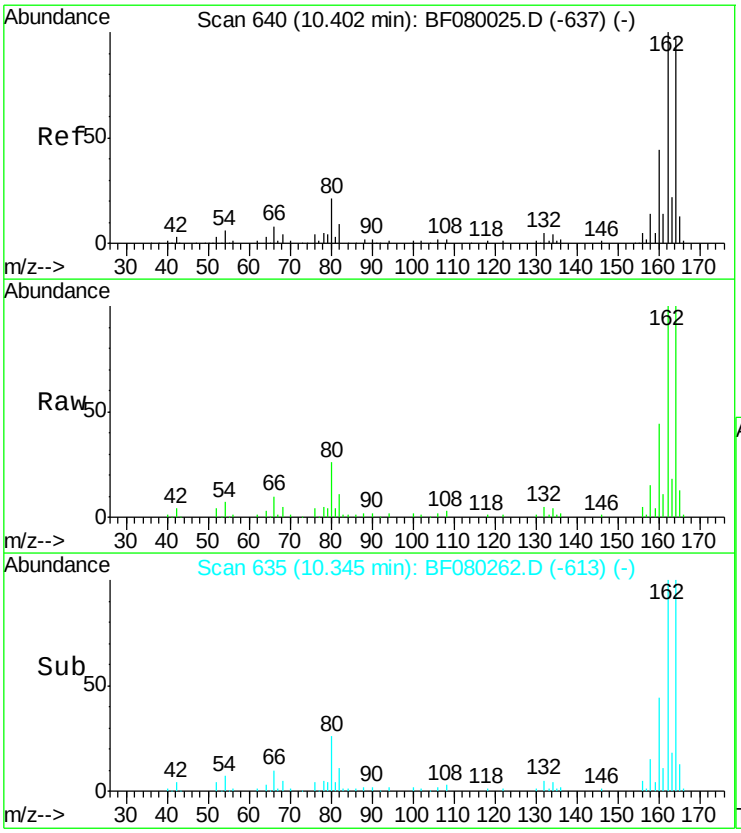
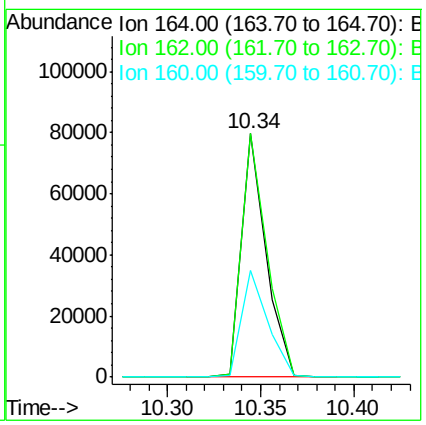
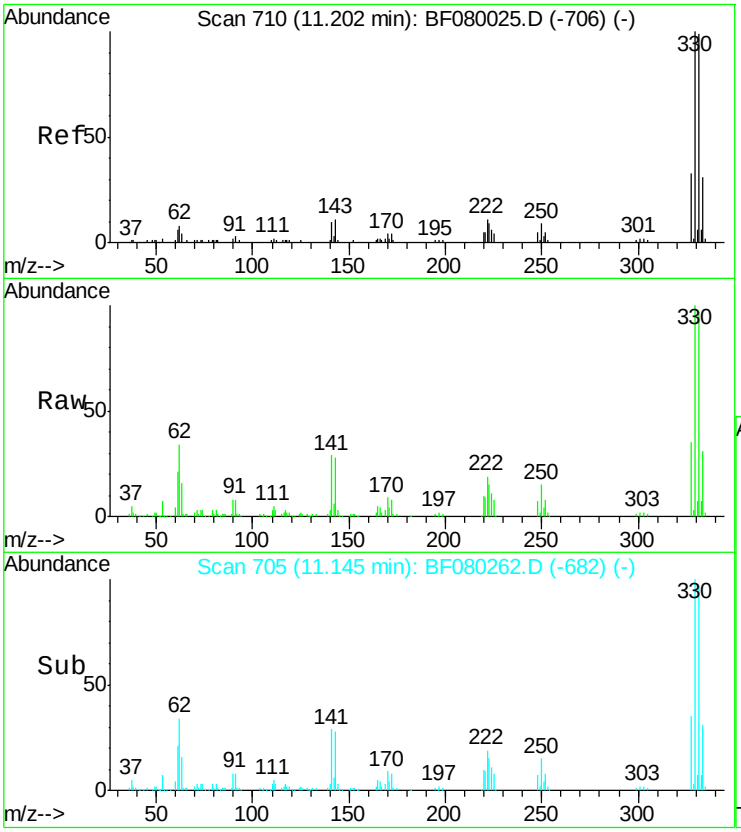


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.34 min Scan# 635
Delta R.T. -0.05 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:164 Resp: 73027

Ion	Ratio	Lower	Upper
164	100		
162	100.1	75.2	112.8
160	43.7	31.5	47.3

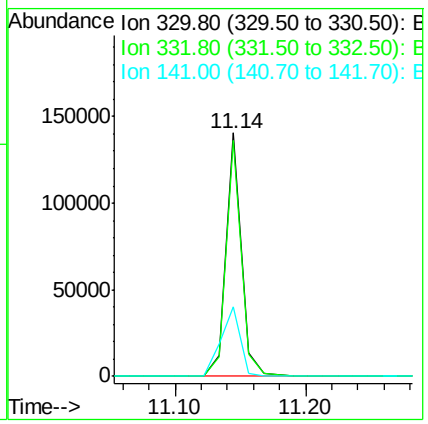




#41
2,4,6-Tribromophenol
Concen: 162.20 ng
RT: 11.14 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:330 Resp: 115824

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	36.1	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
TEC-B11

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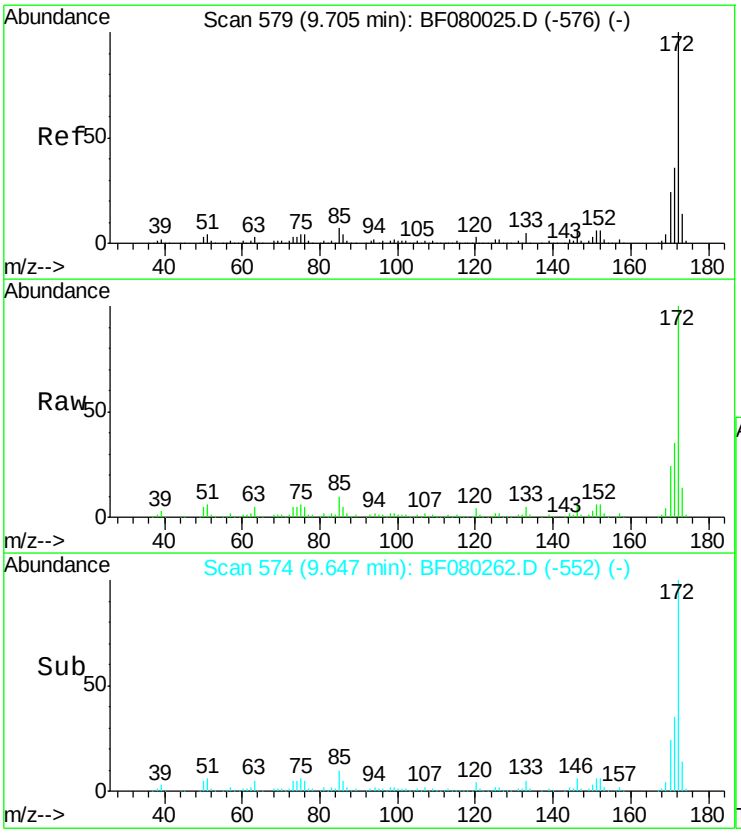
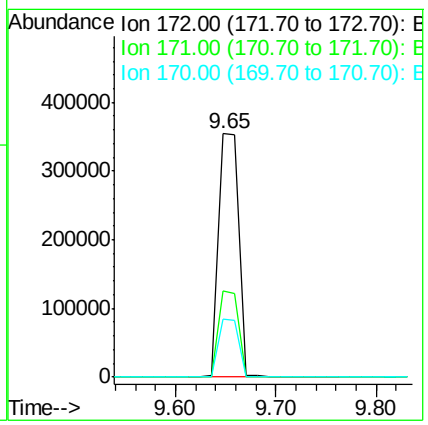
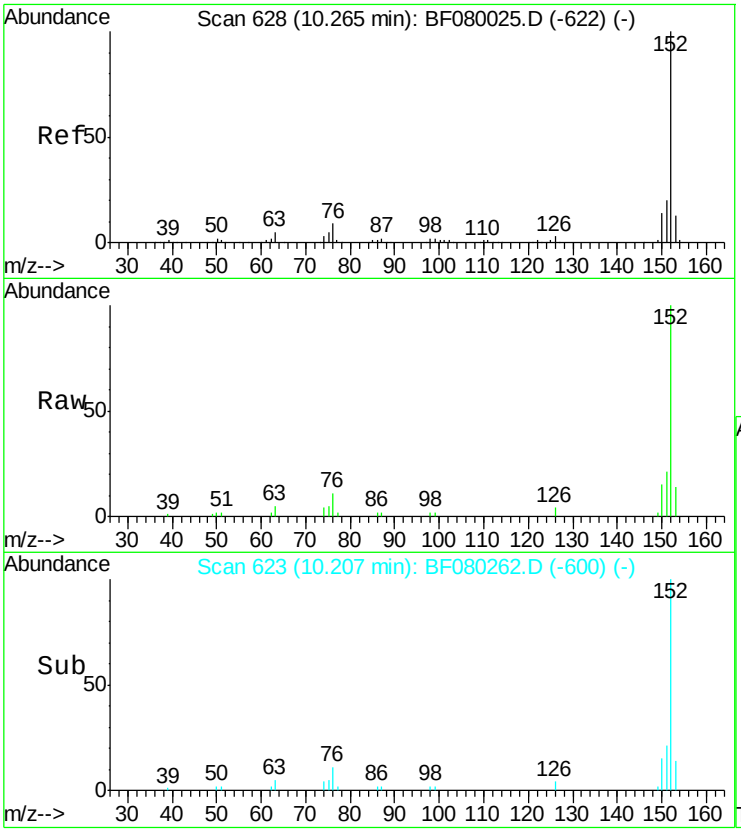


#44
2-Fluorobiphenyl
Concen: 96.24 ng
RT: 9.65 min Scan# 574
Delta R.T. -0.05 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:172 Resp: 492803

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.9	17.4	26.2

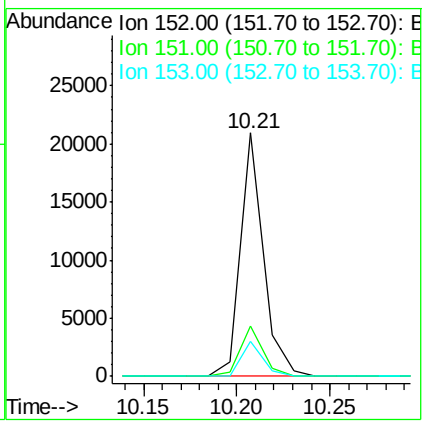




#48
Acenaphthylene
Concen: 2.24 ng
RT: 10.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:152 Resp: 18038

Ion	Ratio	Lower	Upper
152	100		
151	20.9	14.6	22.0
153	14.2	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
TEC-B11

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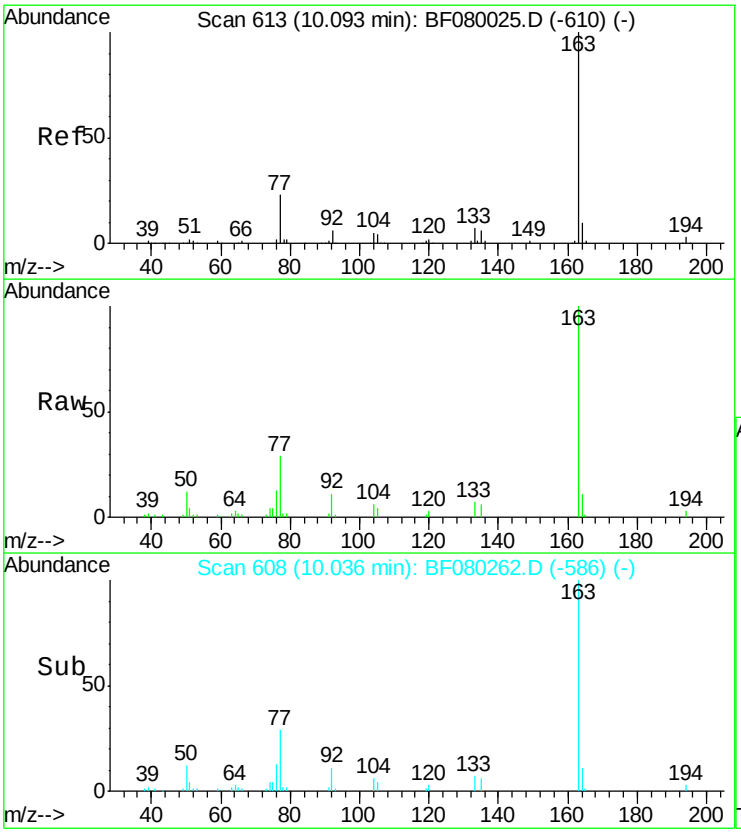
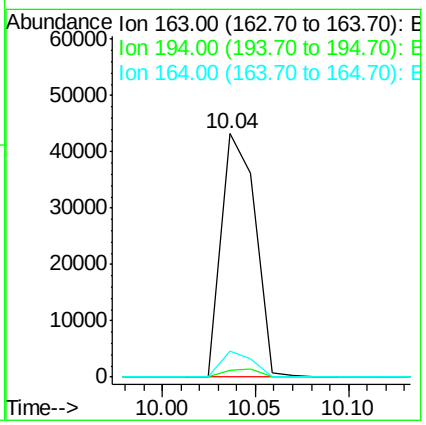
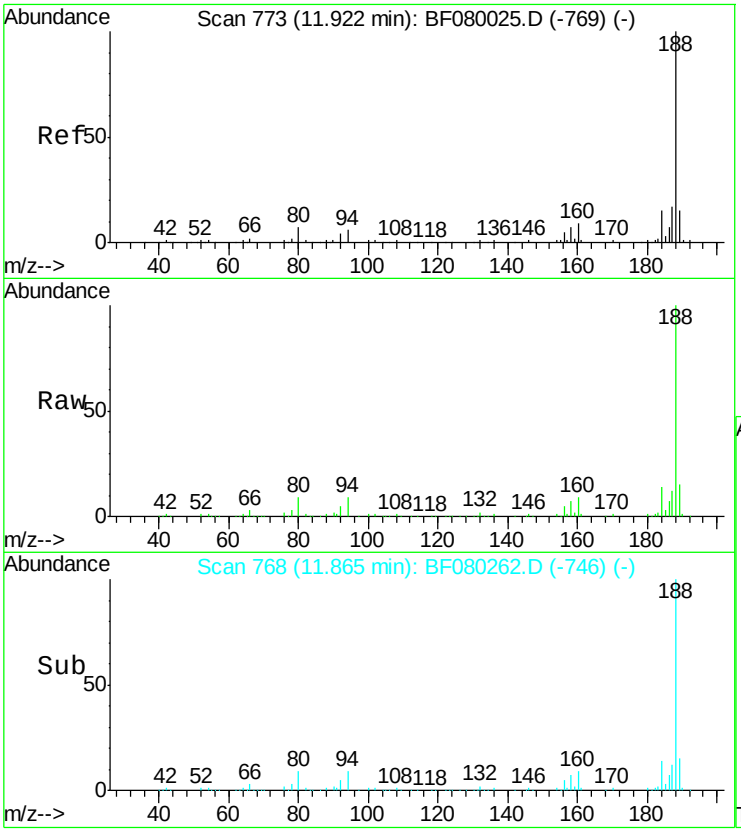


#49
Dimethylphthalate
Concen: 10.06 ng
RT: 10.04 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:163 Resp: 55248

Ion	Ratio	Lower	Upper
163	100		
194	2.7	4.4	6.6#
164	10.8	8.3	12.5

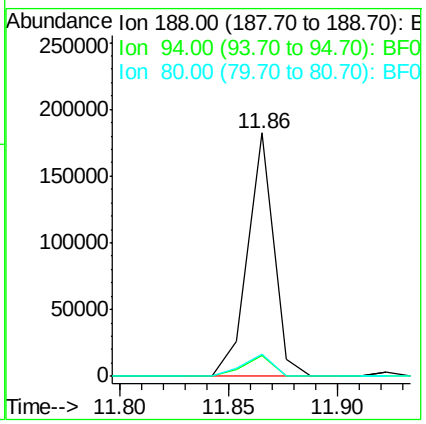




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:188 Resp: 152346

Ion	Ratio	Lower	Upper
188	100		
94	8.8	11.1	16.7#
80	9.2	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
TEC-B11

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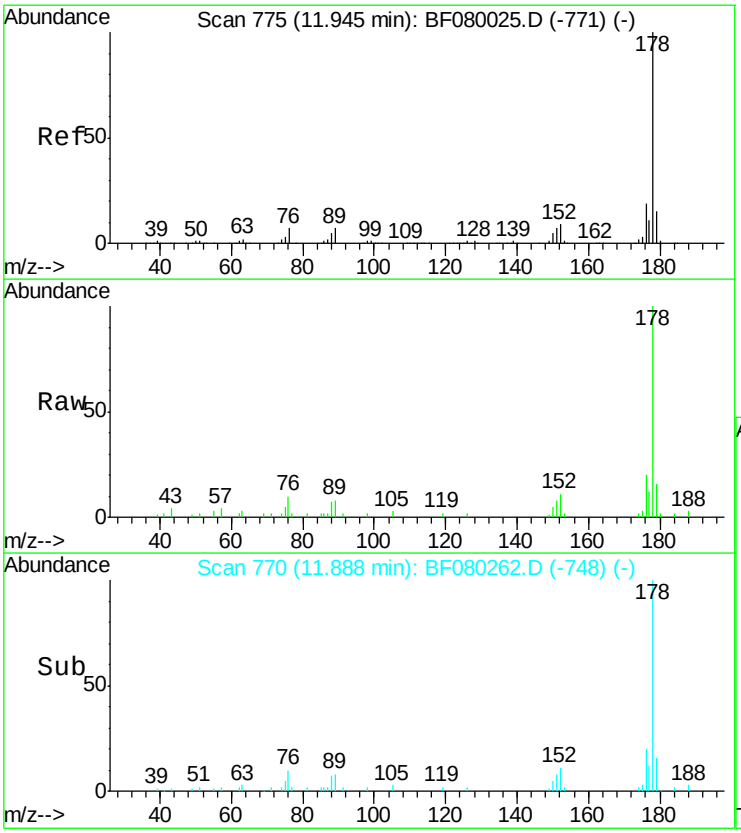
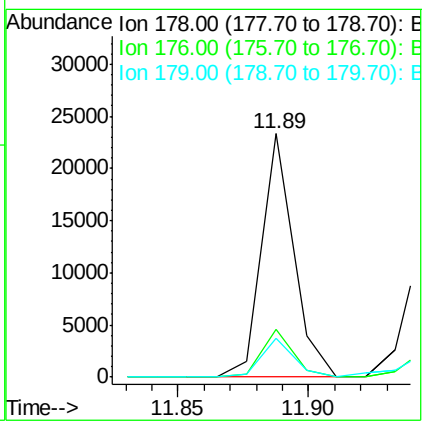
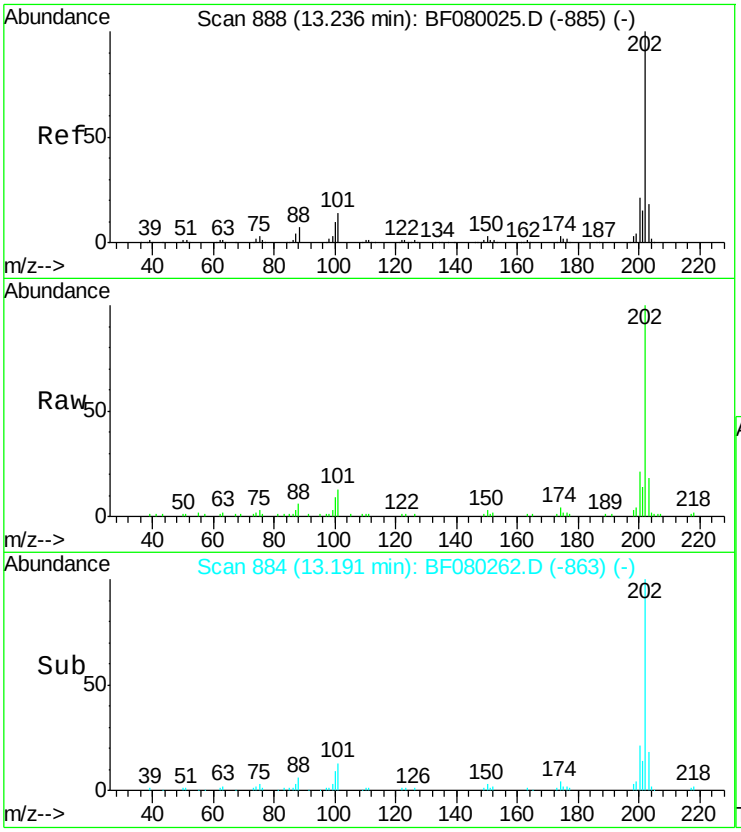


#70
Phenanthrene
Concen: 2.15 ng
RT: 11.89 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:178 Resp: 19796

Ion	Ratio	Lower	Upper
178	100		
176	19.5	13.8	20.8
179	15.7	12.2	18.2

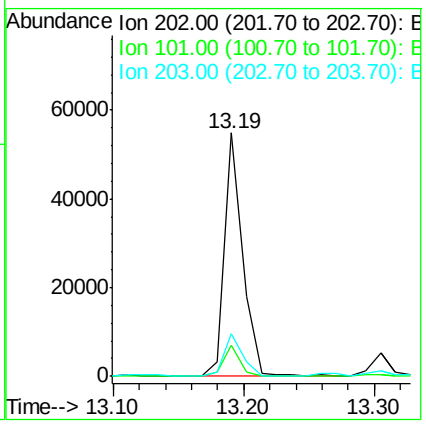




#74
Fluoranthene
Concen: 5.45 ng
RT: 13.19 min Scan# 884
Delta R.T. -0.06 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:202 Resp: 53487

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	38.3
203	17.6	0.0	37.3



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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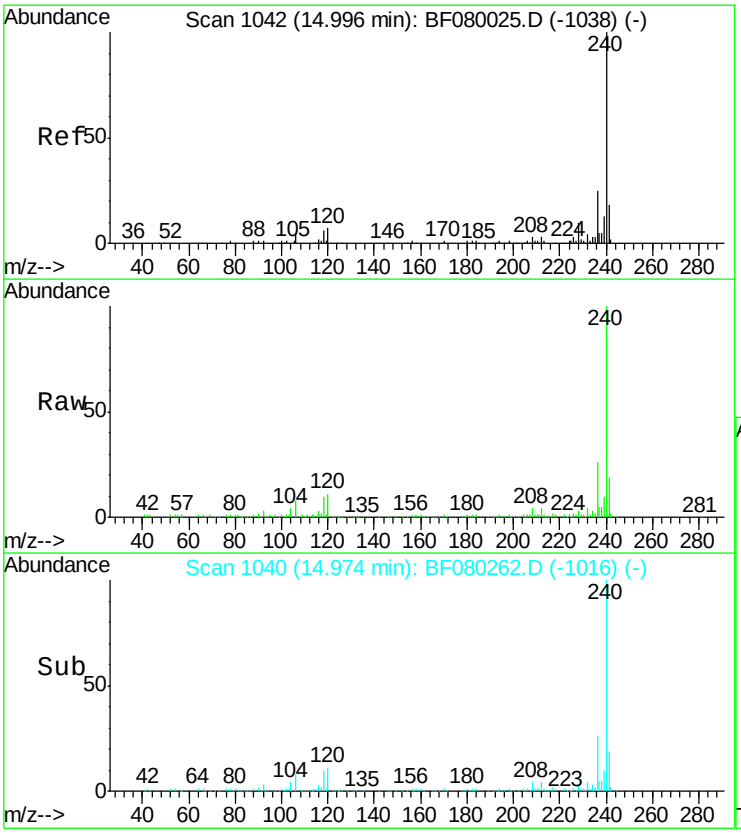
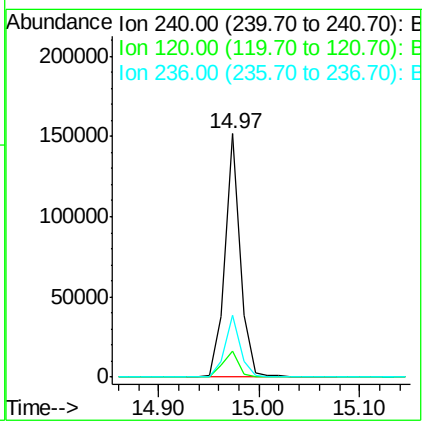
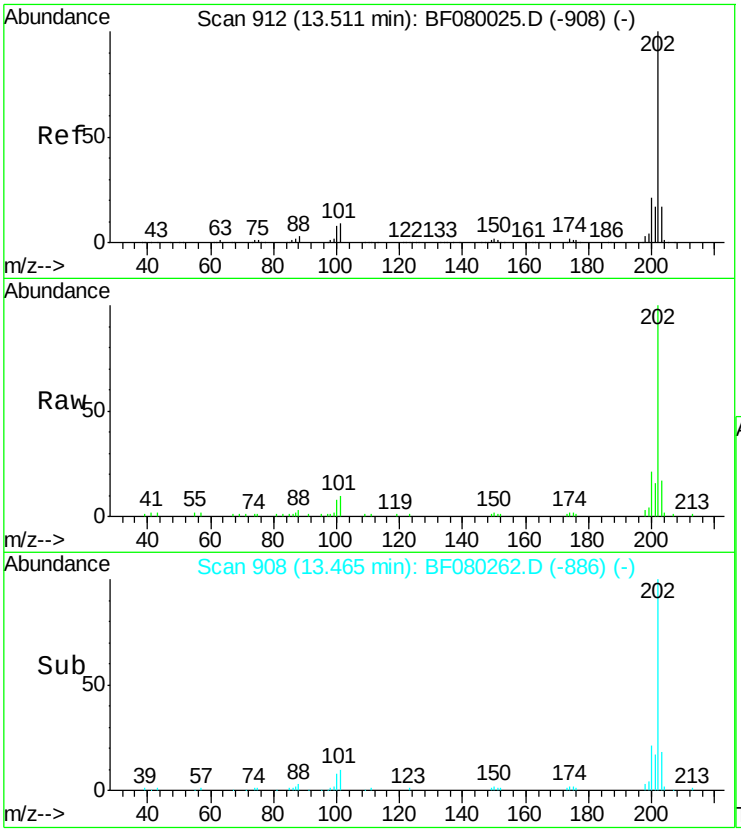


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:240 Resp: 160441

Ion	Ratio	Lower	Upper
240	100		
120	10.7	16.2	24.2#
236	25.6	18.4	27.6

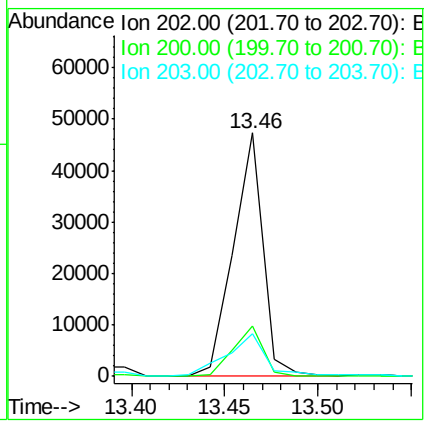




#77
Pyrene
Concen: 5.38 ng
RT: 13.46 min Scan# 908
Delta R.T. -0.05 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:202 Resp: 53114

Ion	Ratio	Lower	Upper
202	100		
200	20.8	15.0	22.4
203	17.3	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
TEC-B11

Manual Integrations APPROVED
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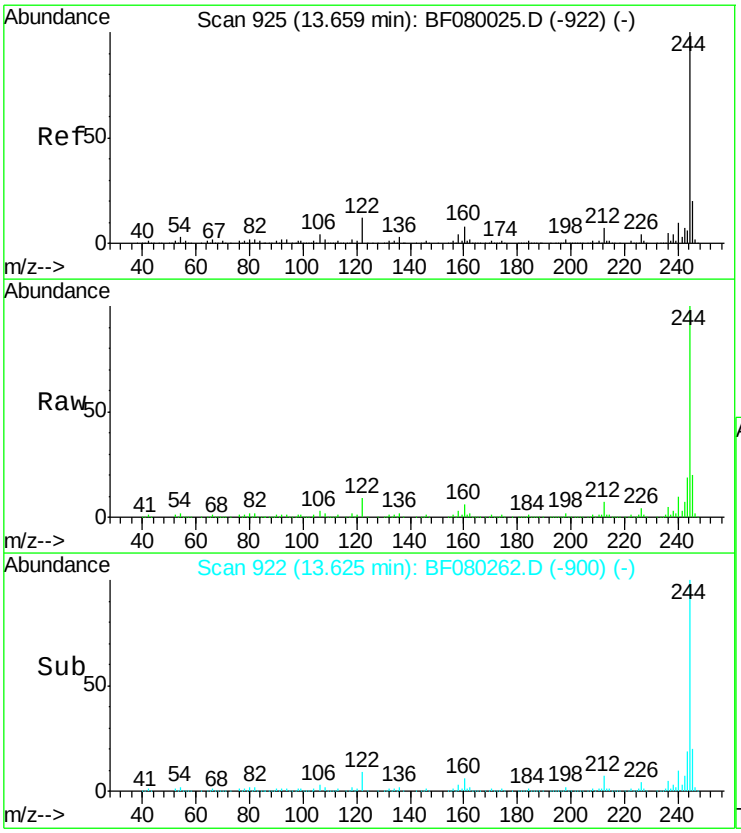
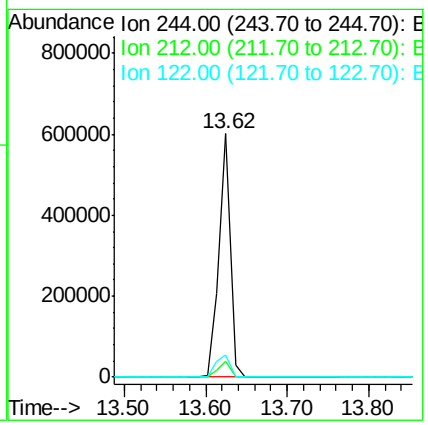
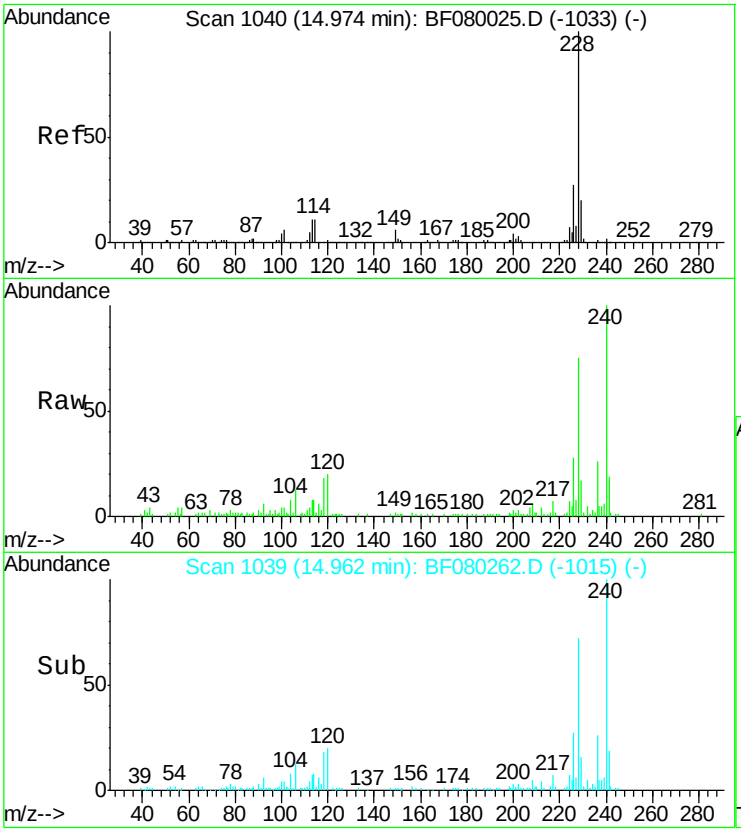


#78
Terphenyl-d14
Concen: 84.96 ng
RT: 13.62 min Scan# 922
Delta R.T. -0.05 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:244 Resp: 583672

Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.3	6.5#
122	9.0	17.4	26.2#





#80
Benzo(a)anthracene
Concen: 3.30 ng m
RT: 14.96 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:228 Resp: 32226

Ion	Ratio	Lower	Upper
228	100		
226	37.8	20.0	30.0#
229	22.5	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
TEC-B11

Manual Integrations APPROVED
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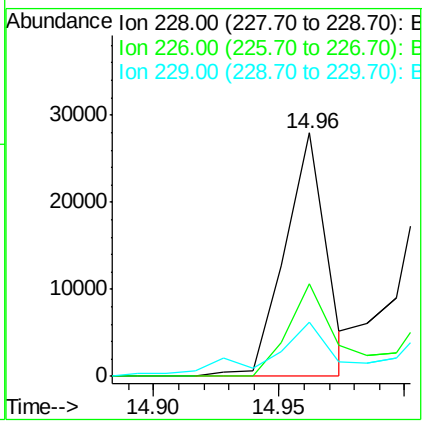
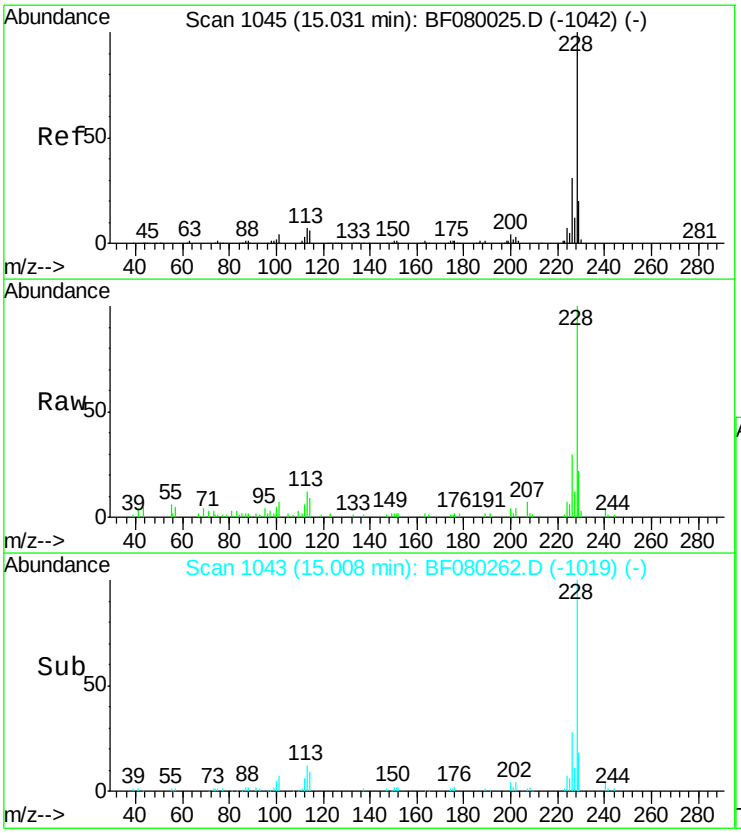
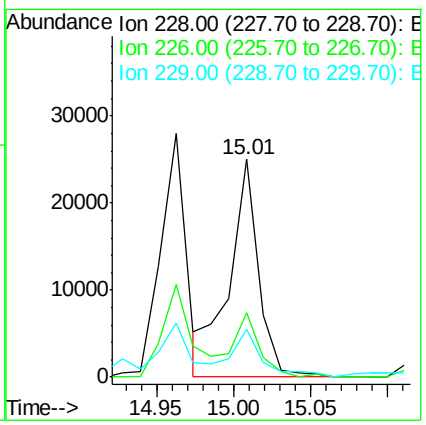


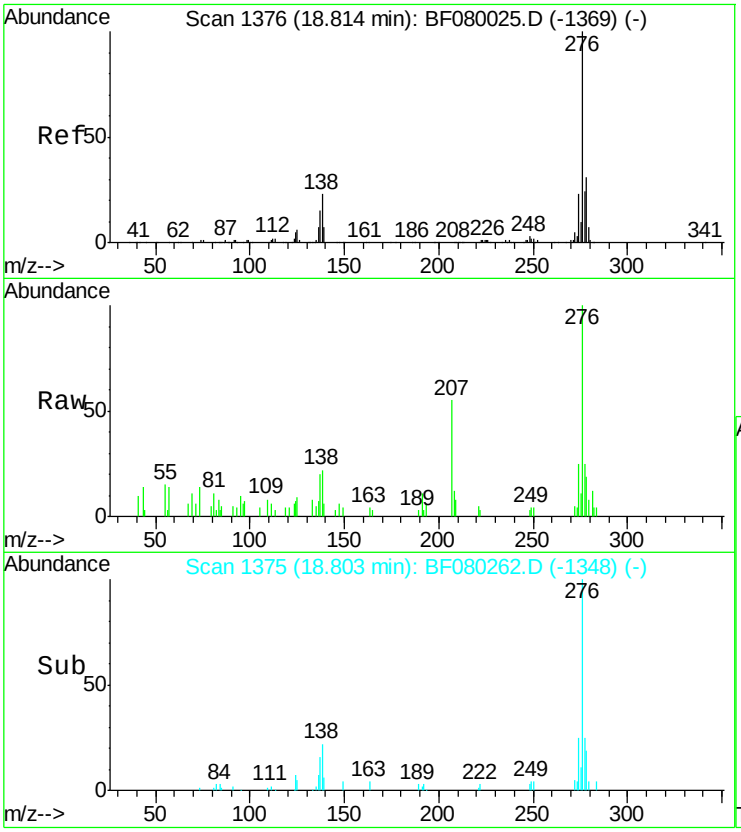


#82
Chrysene
Concen: 3.73 ng m
RT: 15.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:228 Resp: 33585

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.0	31.4
229	22.2	15.6	23.4

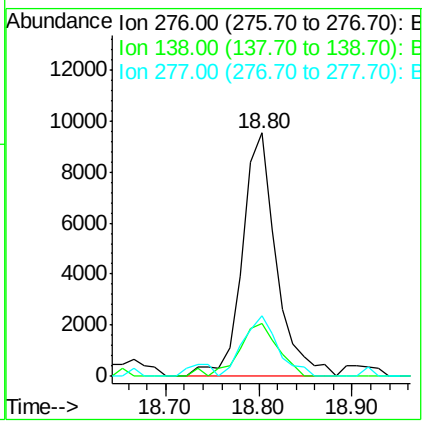




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng
RT: 18.80 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:276 Resp: 24205

Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.7	38.5#
277	25.5	15.6	23.4#



Instrument :
BNA_F
ClientSampleId :
TEC-B11

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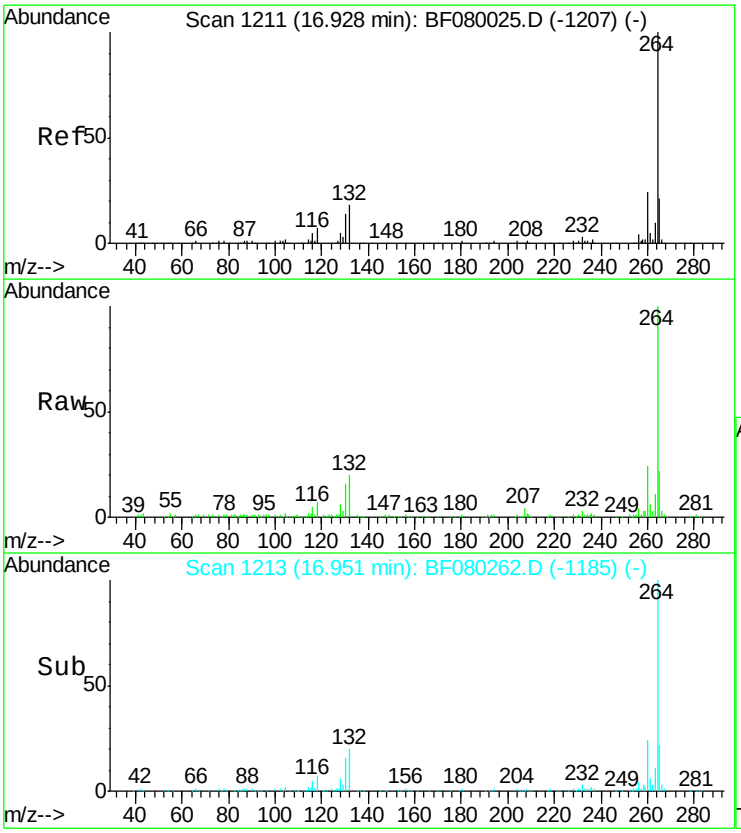
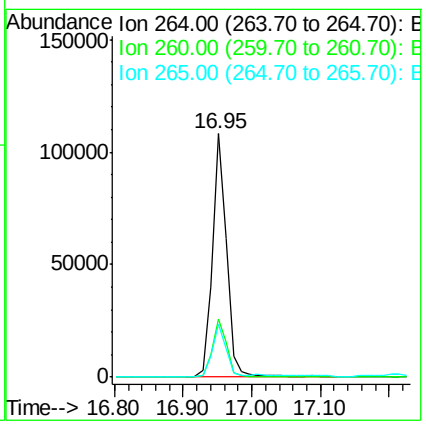
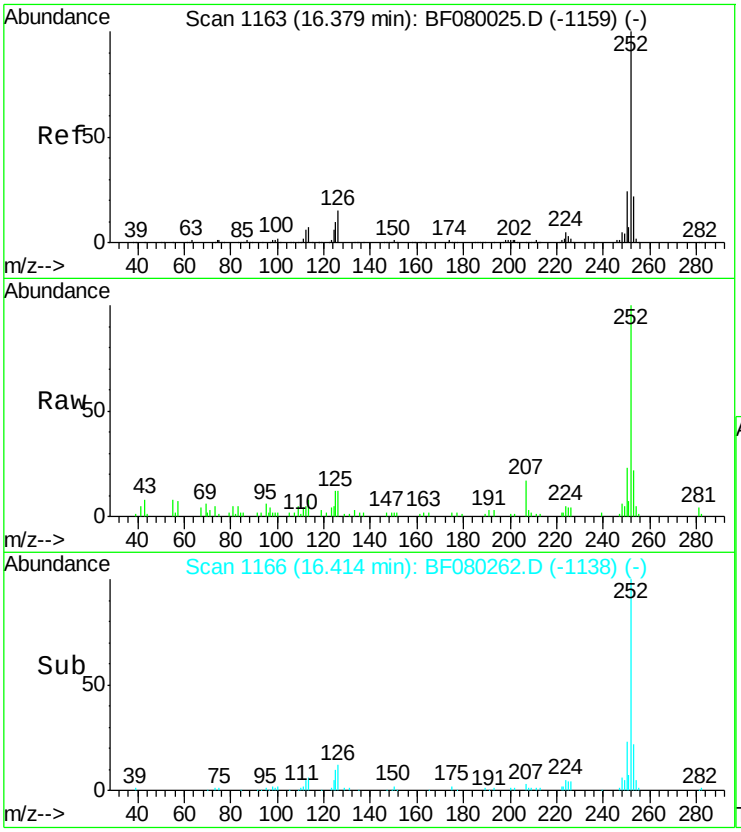


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.95 min Scan# 1213
Delta R.T. 0.02 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:264 Resp: 158526

Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.8	17.2	25.8

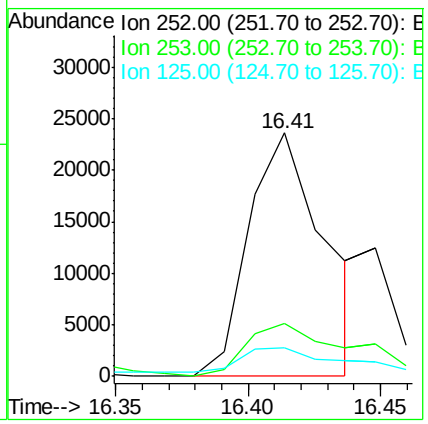




#87
Benzo(b)fluoranthene
Concen: 4.94 ng m
RT: 16.41 min Scan# 1166
Delta R.T. 0.02 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:252 Resp: 47392

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.7	17.1	25.7#



Instrument :
BNA_F
ClientSampleId :
TEC-B11

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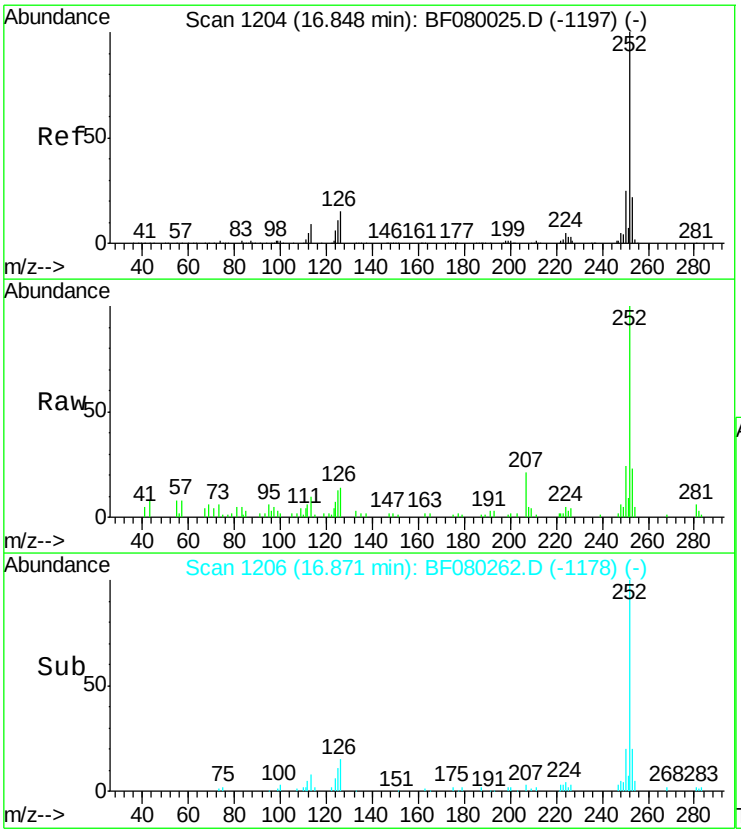
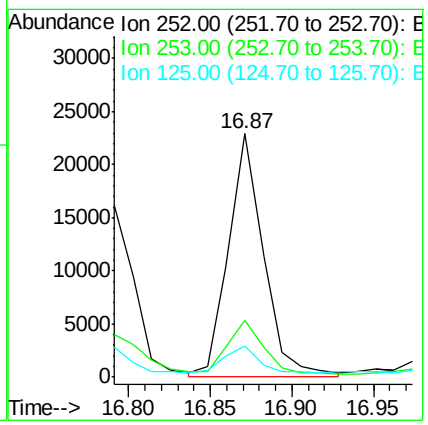
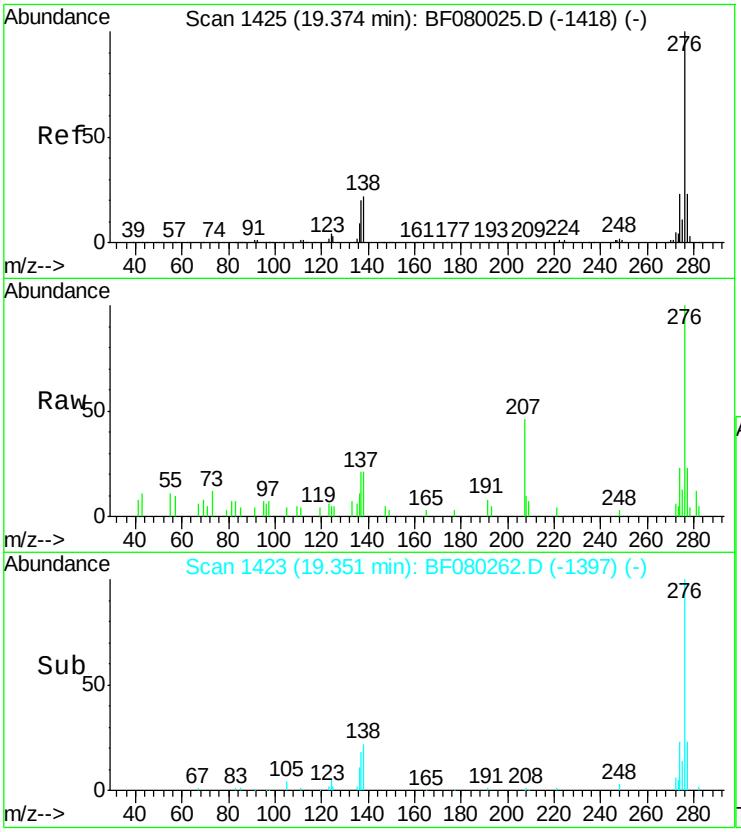


#89
Benzo(a)pyrene
Concen: 3.77 ng
RT: 16.87 min Scan# 1206
Delta R.T. 0.02 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:252 Resp: 34331

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	12.7	18.0	27.0#

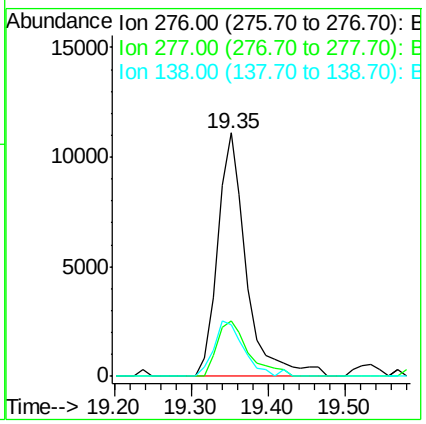




#91
Benzo(g,h,i)perylene
Concen: 3.07 ng
RT: 19.35 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF080262.D
Acq: 1 Jul 2015 7:24

Tgt Ion:276 Resp: 28901

Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.8	26.6
138	21.1	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
TEC-B11

Manual Integrations APPROVED
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