Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
Operator : TP/UM
Sample : G3090-03
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCS3-072315

Quant Time: Aug 03 03:48:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110631	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	398841	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	176230	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	303375	20.00	ng		0.00
75) Chrysene-d12	14.00	240	245097	20.00	ng		0.00
86) Perylene-d12	15.41	264	310642	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	798266	123.78	ng		0.01
7) Phenol-d6	6.48	99	1110389	126.47	ng		-0.01
23) Nitrobenzene-d5	7.41	82	717004	87.06	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	225726	123.44	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	922761	78.12	ng		-0.01
78) Terphenyl-d14	12.95	244	730631	56.38	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.48	77	1837	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.41	70	102529	17.34	ng	#	74
25) Isophorone	7.41	82	705481	48.17	ng	#	71
49) Dimethylphthalate	9.61	163	210065	16.91	ng		96
51) Acenaphthene	9.92	154	27919	2.61	ng		97
55) 4-Nitrophenol	10.09	139	7654	3.42	ng	#	10
56) 2,4-Dinitrotoluene	9.88	165	22096	6.39	ng	#	16
66) 4-Bromophenyl-phenylether	10.67	248	14467	4.62	ng	#	1
70) Phenanthrene	11.39	178	513959	33.63	ng		98
71) Anthracene	11.44	178	106134	7.07	ng		98
72) Carbazole	11.60	167	53773	4.13	ng		96
74) Fluoranthene	12.58	202	801103	54.21	ng		95
77) Pyrene	12.80	202	643721	33.86	ng		98
80) Benzo(a)anthracene	13.99	228	391210	26.54	ng		99
82) Chrysene	14.02	228	306244	21.40	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	19350	2.04	ng		92
85) Indeno(1,2,3-cd)pyrene	16.64	276	60174	7.01	ng		95
87) Benzo(b)fluoranthene	15.01	252	779270	42.00	ng		99
88) Benzo(k)fluoranthene	15.01	252	779270	51.03	ng	#	97
89) Benzo(a)pyrene	15.45	252	119454	7.84	ng		96
90) Dibenzo(a,h)anthracene	16.81	278	74381	5.45	ng		94
91) Benzo(g,h,i)perylene	17.21	276	256250	19.10	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
Operator : TP/UM
Sample : G3090-03
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Quant Time: Aug 03 03:48:34 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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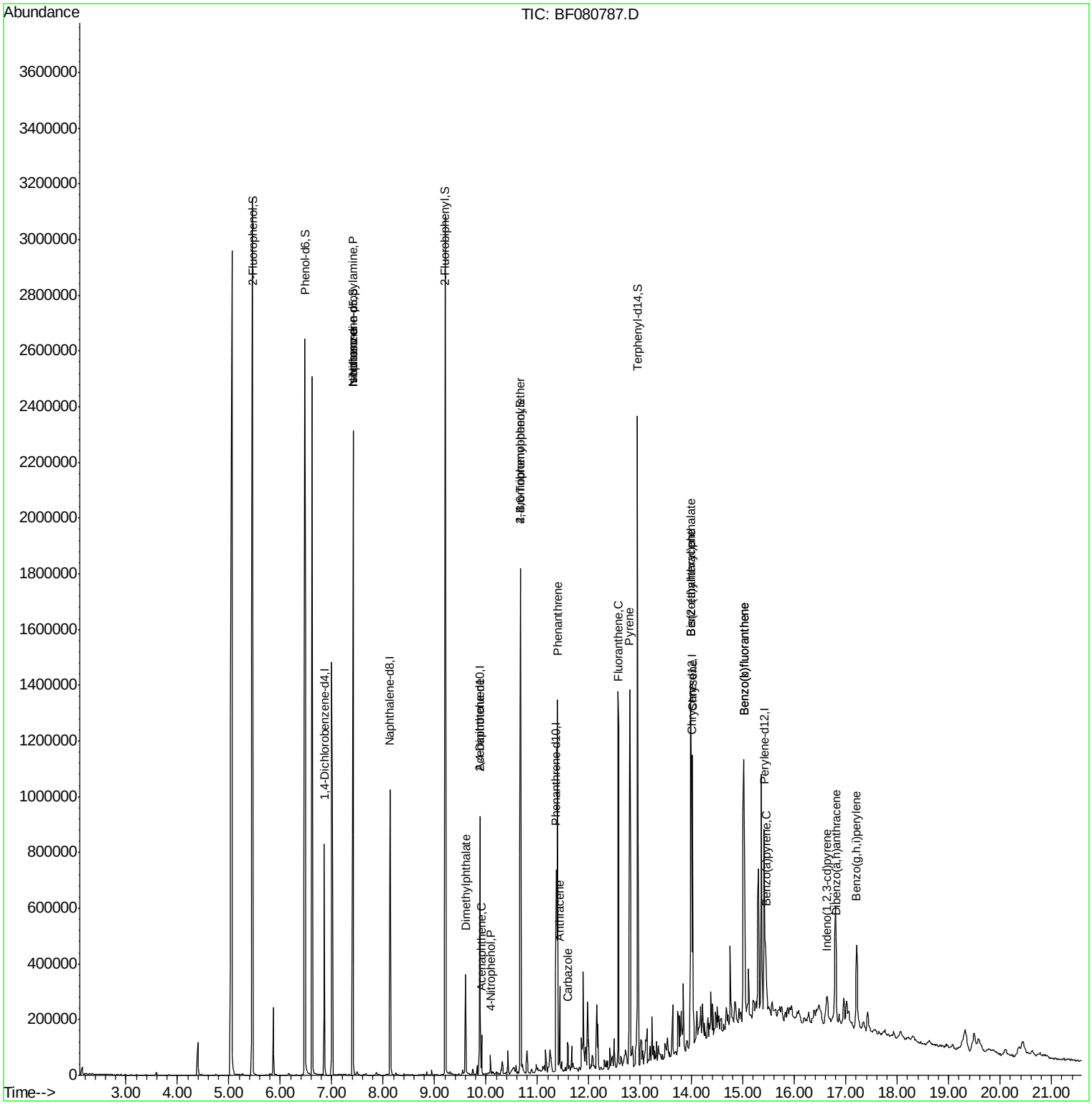
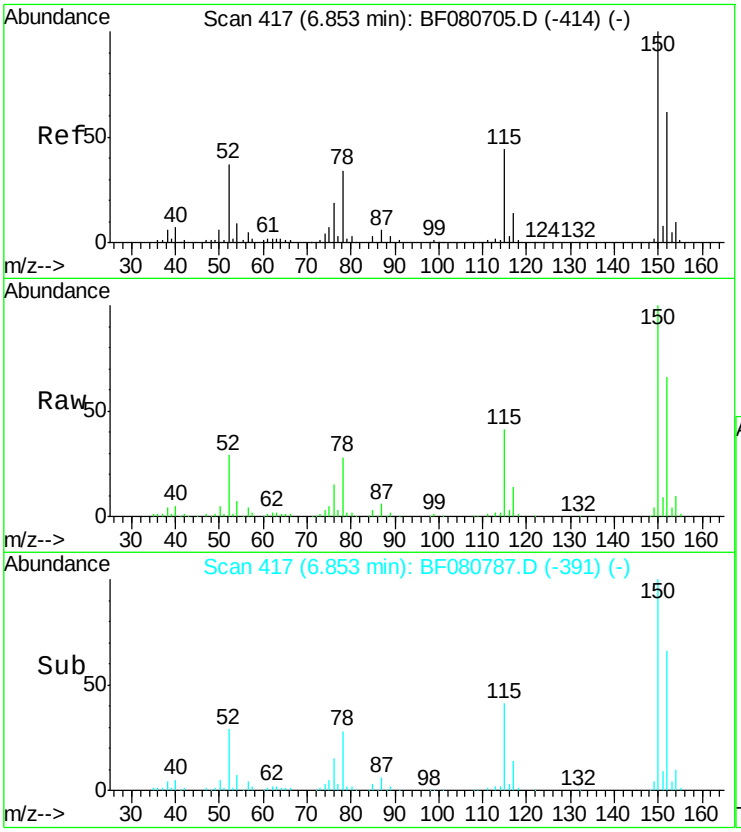


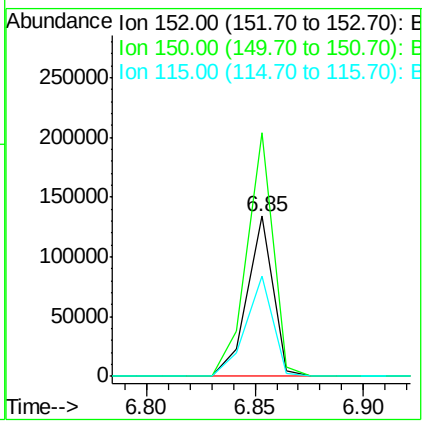


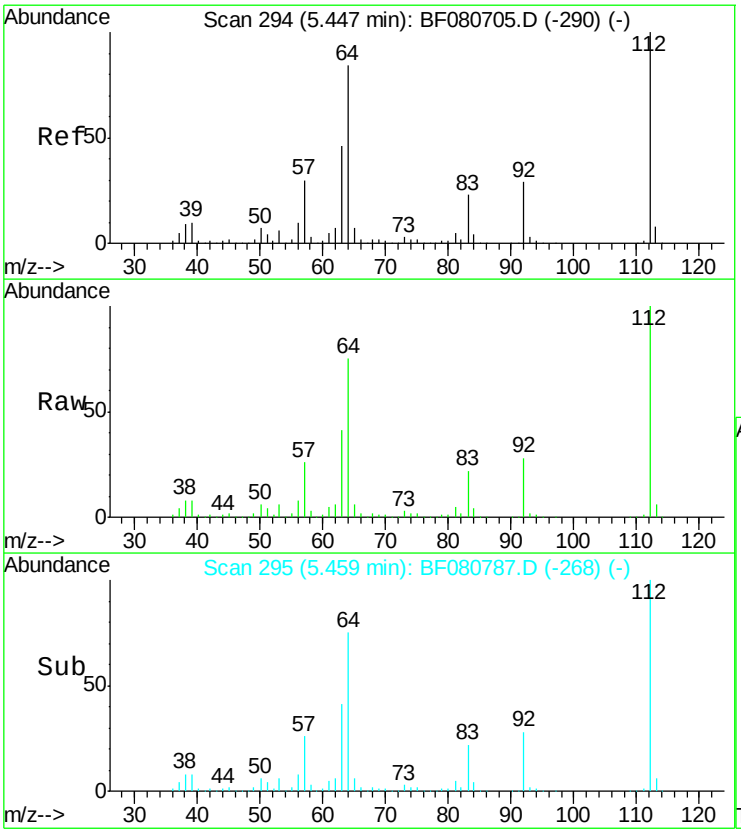
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:152 Resp: 110631

Ion	Ratio	Lower	Upper
152	100		
150	152.3	129.6	194.4
115	62.5	56.6	85.0

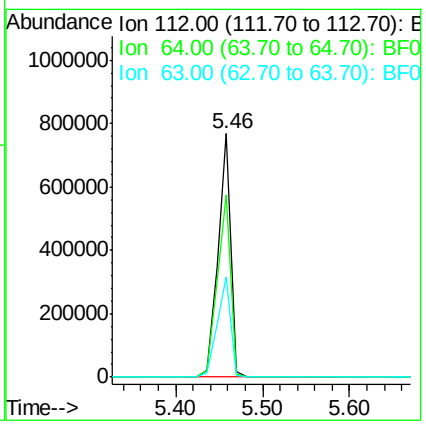


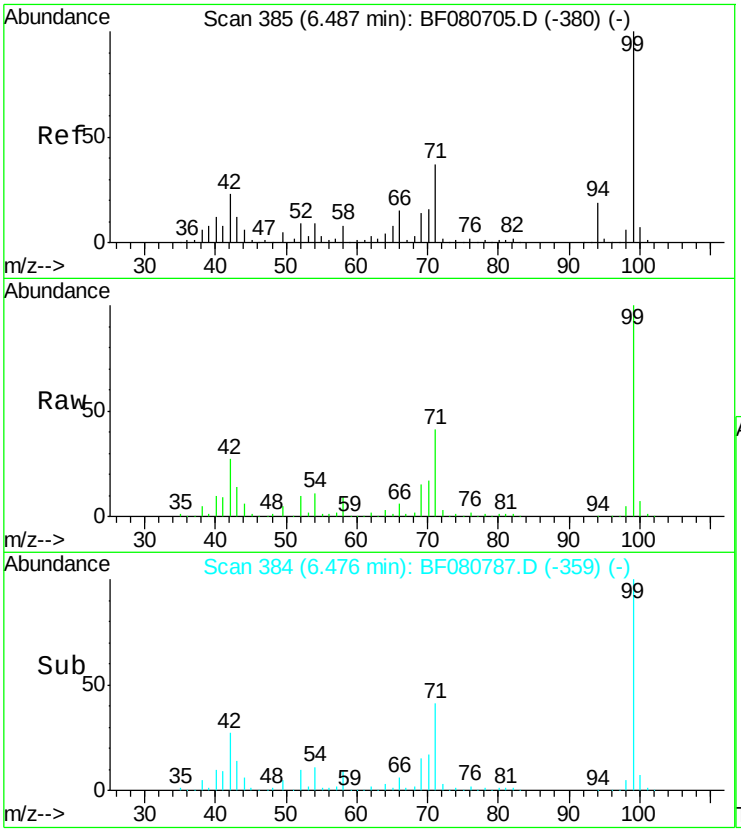


#5
2-Fluorophenol
Concen: 123.78 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:112 Resp: 798266

Ion	Ratio	Lower	Upper
112	100		
64	74.7	66.8	100.2
63	41.1	36.7	55.1



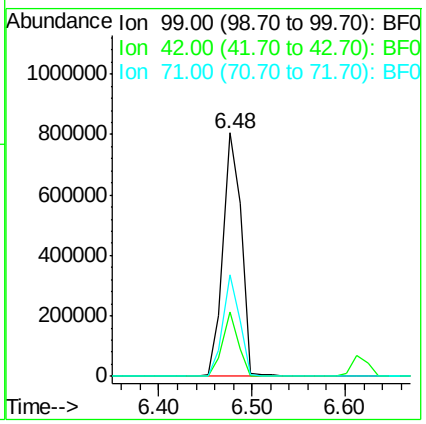


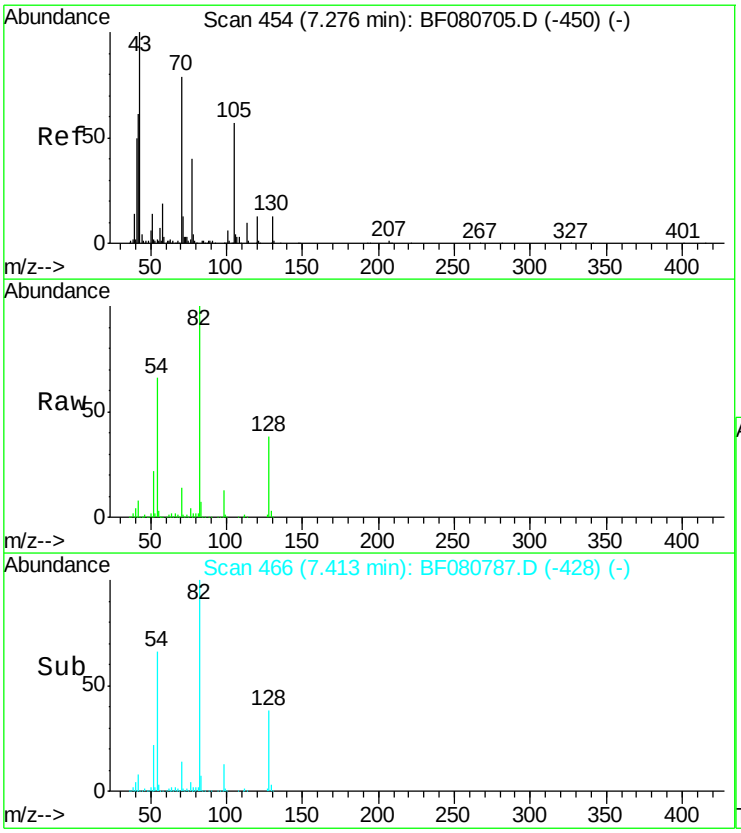
#7
Phenol-d6
Concen: 126.47 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion: 99 Resp: 1110389

Ion	Ratio	Lower	Upper
99	100		
42	26.6	18.2	27.2
71	41.5	29.5	44.3

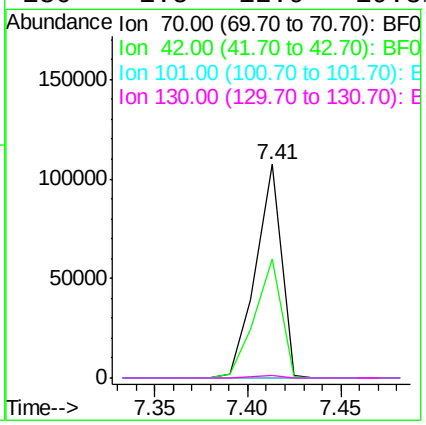


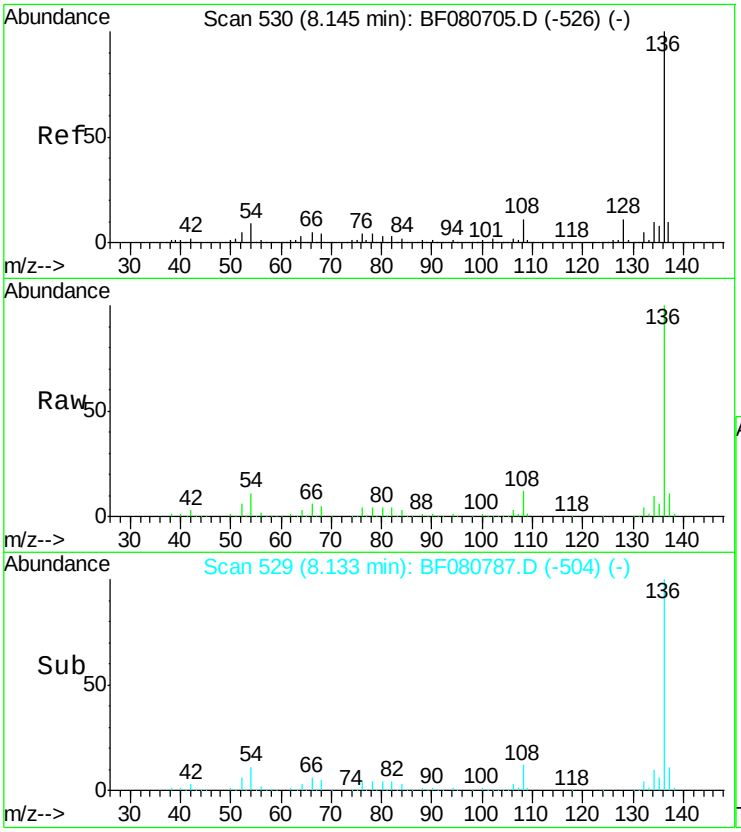


#19
n-Nitroso-di-n-propylamine
Concen: 17.34 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion: 70 Resp: 102529

Ion	Ratio	Lower	Upper
70	100		
42	55.6	61.8	92.6#
101	0.0	6.1	9.1#
130	1.5	12.9	19.3#



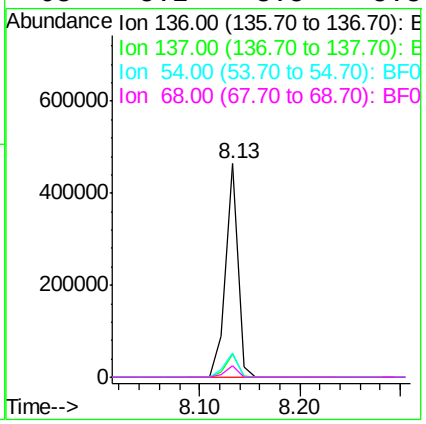


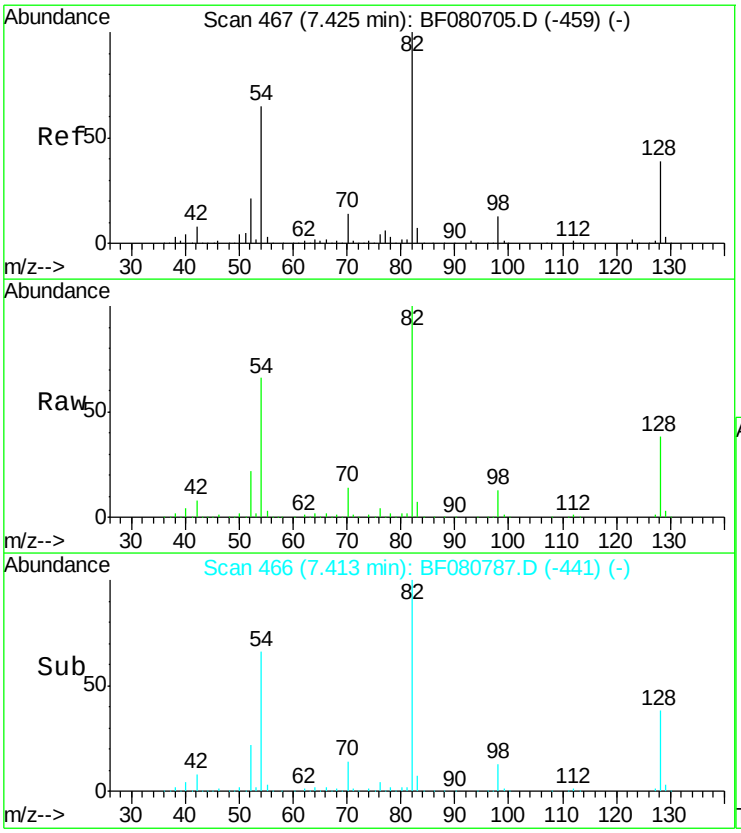
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:136 Resp: 398841

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	11.4	6.9	10.3#
68	5.2	3.5	5.3

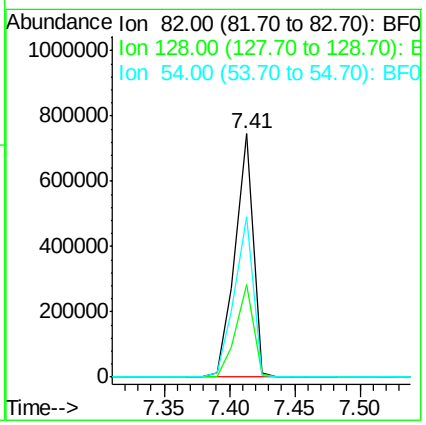


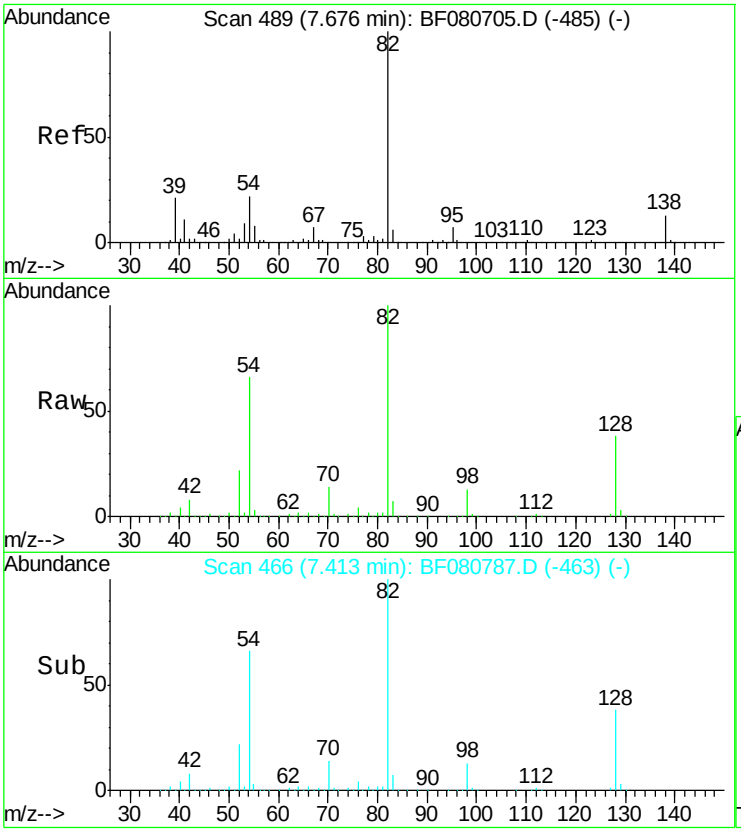


#23
Nitrobenzene-d5
Concen: 87.06 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion: 82 Resp: 717004

Ion	Ratio	Lower	Upper
82	100		
128	37.8	31.5	47.3
54	65.7	51.8	77.8



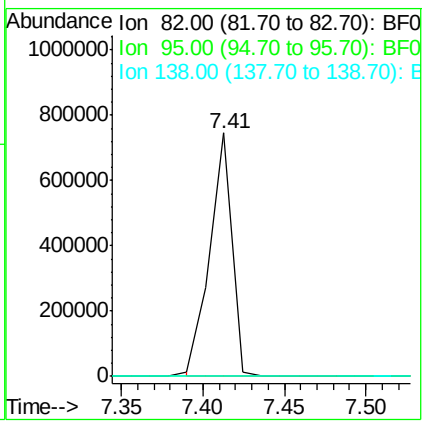


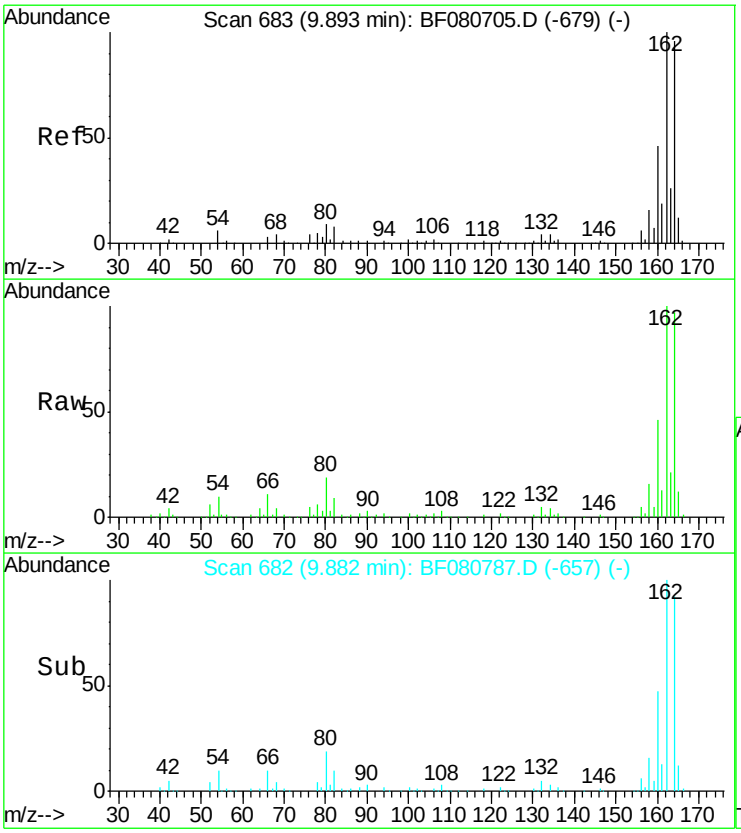
#25
Isophorone
Concen: 48.17 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.26 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion: 82 Resp: 705481

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	10.7	16.1#

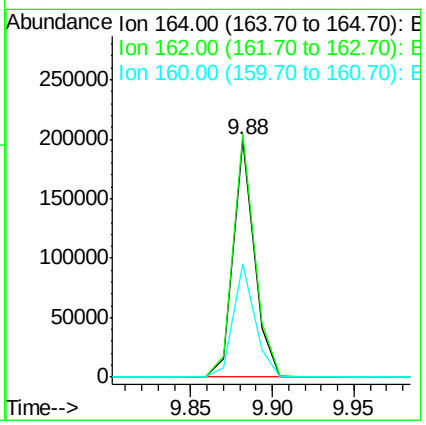


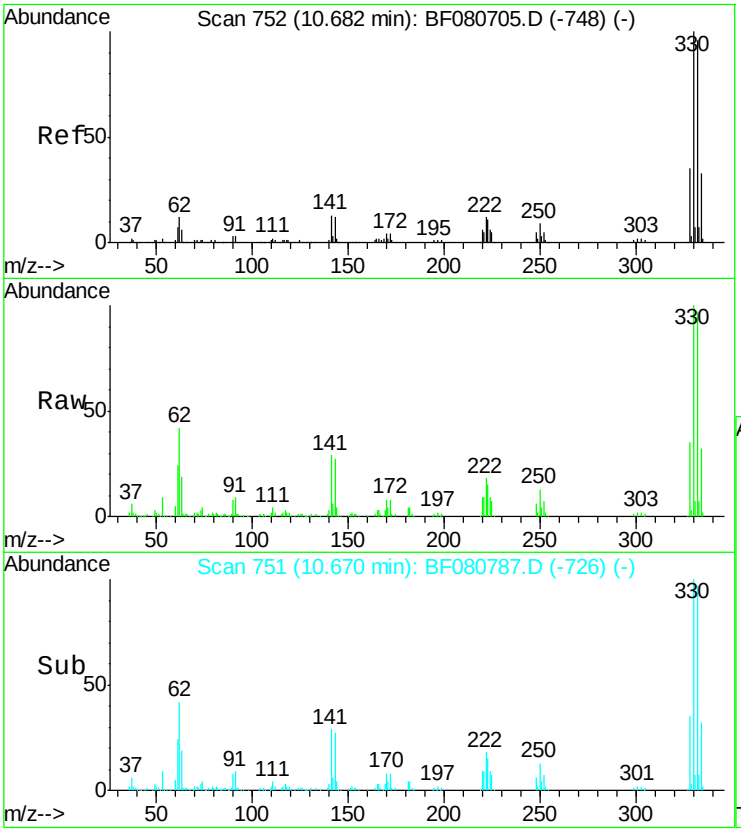


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:164 Resp: 176230

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.4	125.0
160	47.6	38.0	57.0



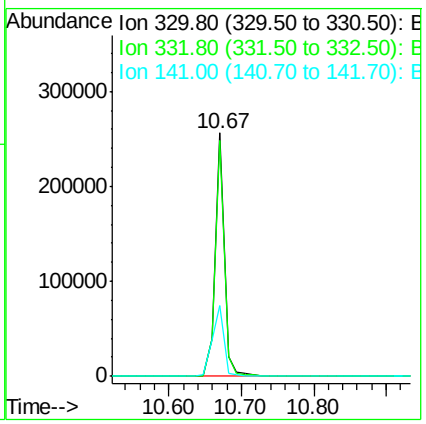


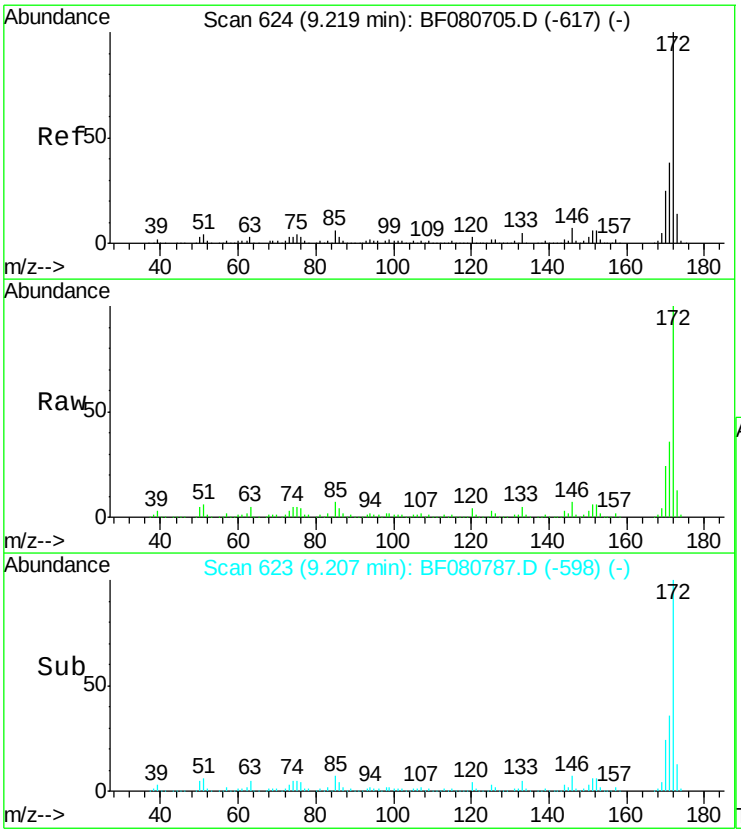
#41
2,4,6-Tribromophenol
Concen: 123.44 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:330 Resp: 225726

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	36.6	26.0	39.0

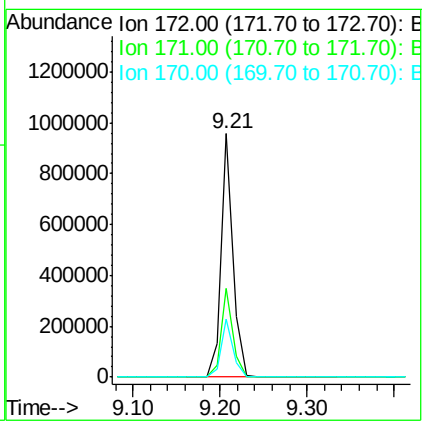


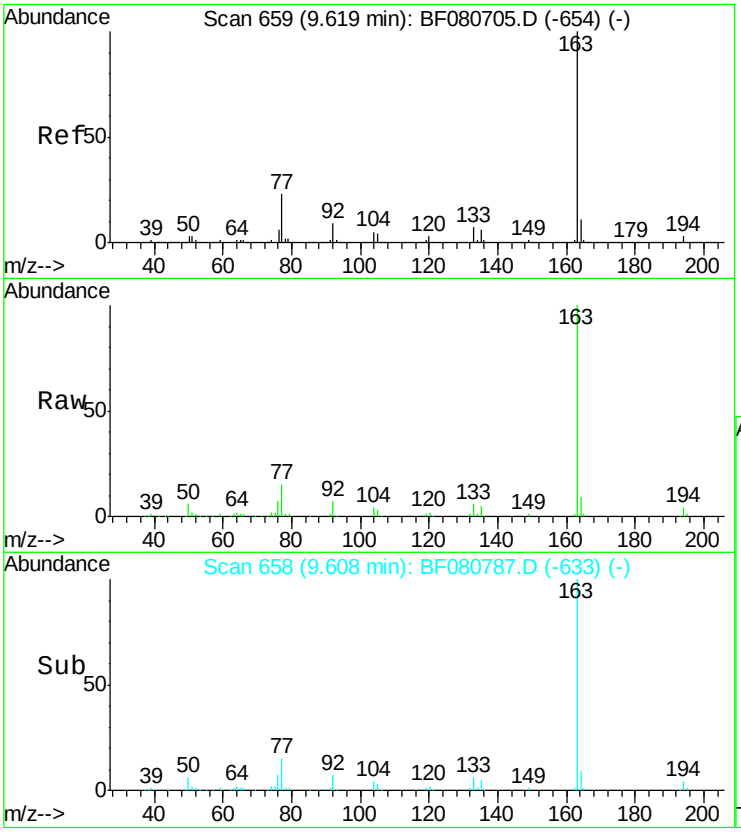


#44
2-Fluorobiphenyl
Concen: 78.12 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:172 Resp: 922761

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.2	45.4
170	24.0	20.2	30.2



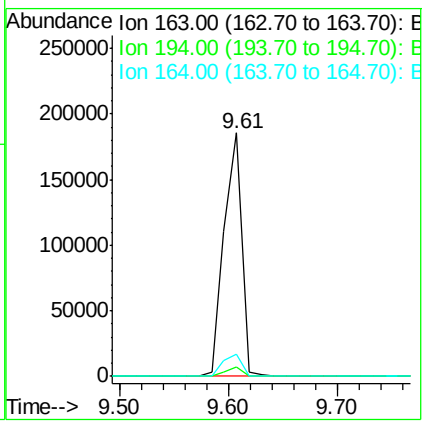


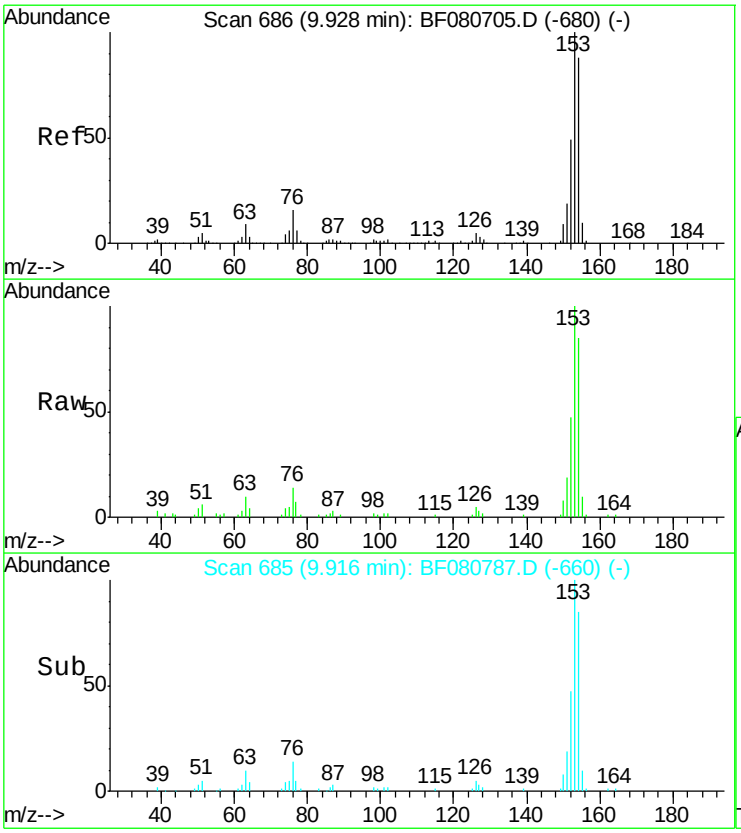
#49
Dimethylphthalate
Concen: 16.91 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:163 Resp: 210065

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	9.2	8.7	13.1

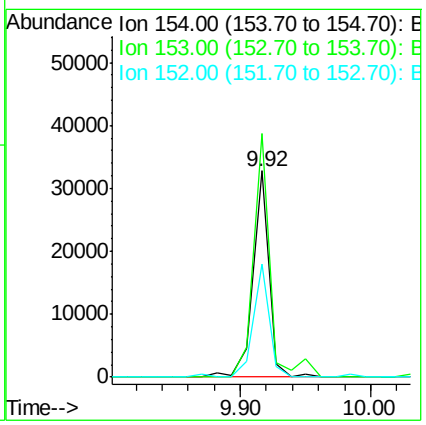


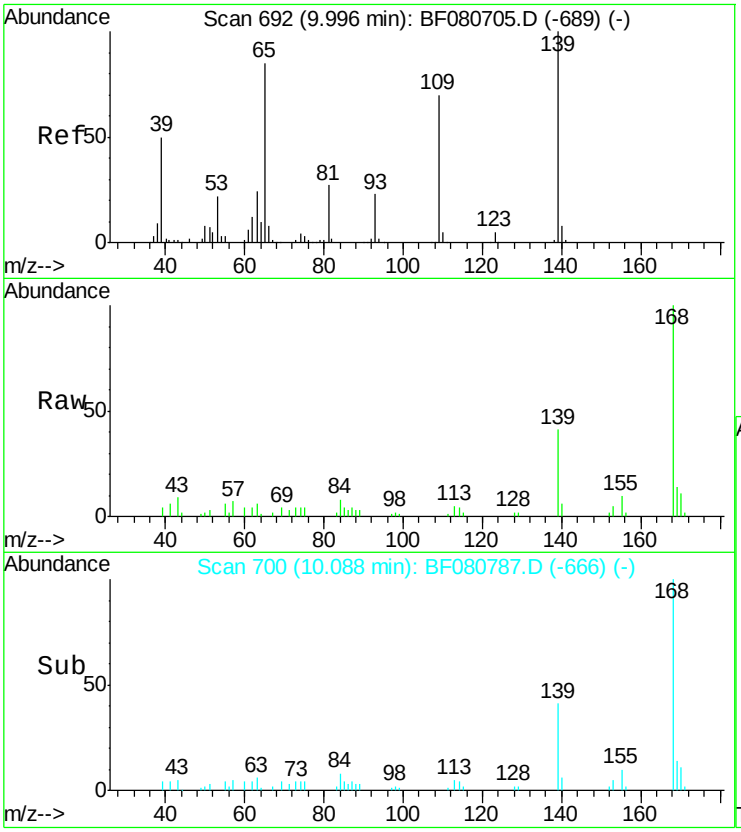


#51
Acenaphthene
Concen: 2.61 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:154 Resp: 27919

Ion	Ratio	Lower	Upper
154	100		
153	118.1	90.7	136.1
152	55.0	44.2	66.4



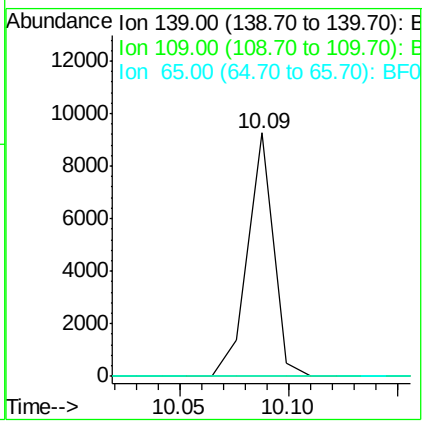


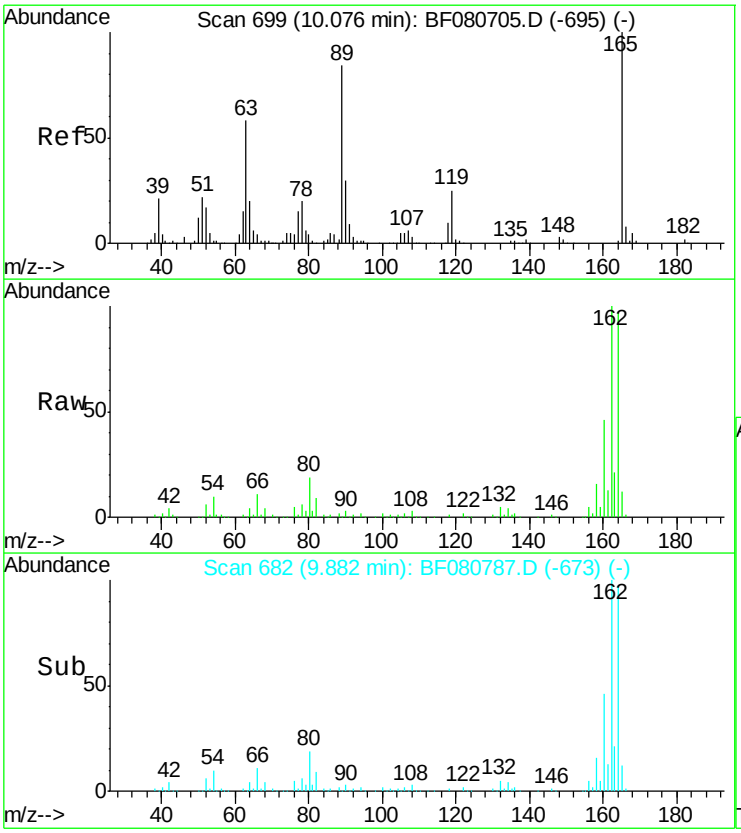
#55
4-Nitrophenol
Concen: 3.42 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.09 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:139 Resp: 7654

Ion	Ratio	Lower	Upper
139	100		
109	0.0	50.4	90.4#
65	0.0	66.1	106.1#

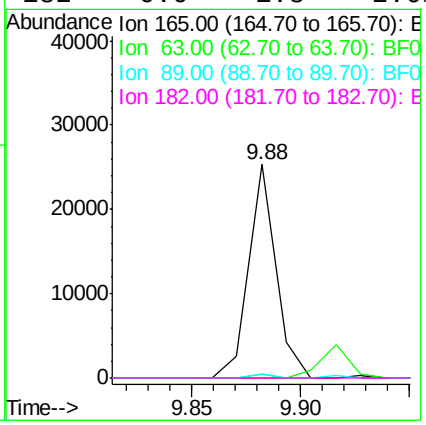


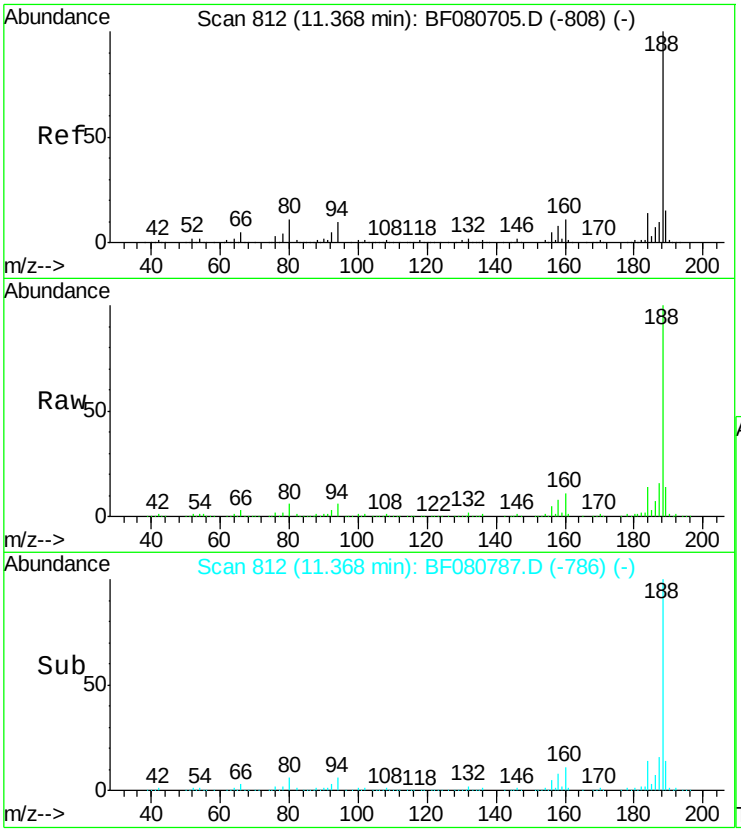


#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:165 Resp: 22096

Ion	Ratio	Lower	Upper
165	100		
63	1.5	46.7	70.1#
89	1.6	67.4	101.2#
182	0.0	1.8	2.6#



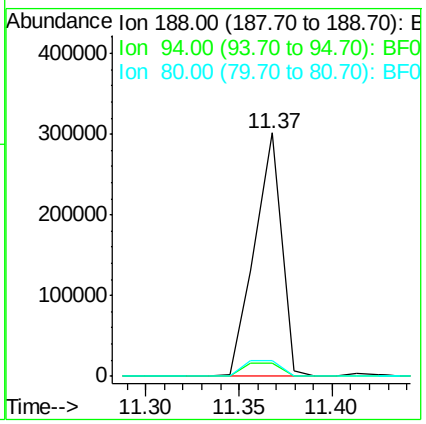


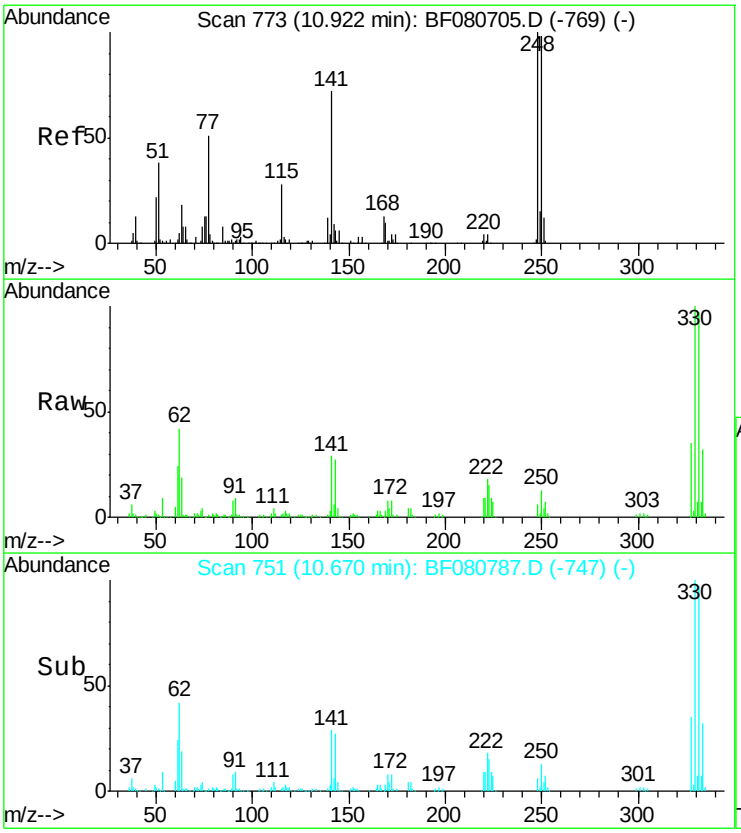
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:188 Resp: 303375

Ion	Ratio	Lower	Upper
188	100		
94	5.6	8.1	12.1#
80	6.4	9.1	13.7#

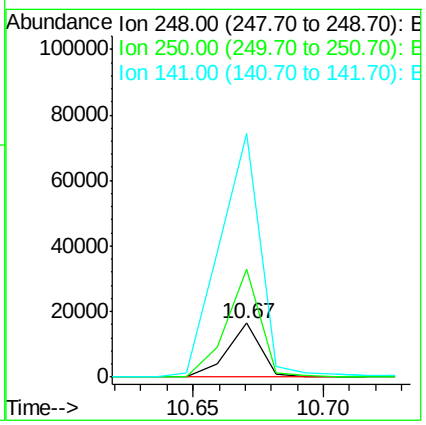


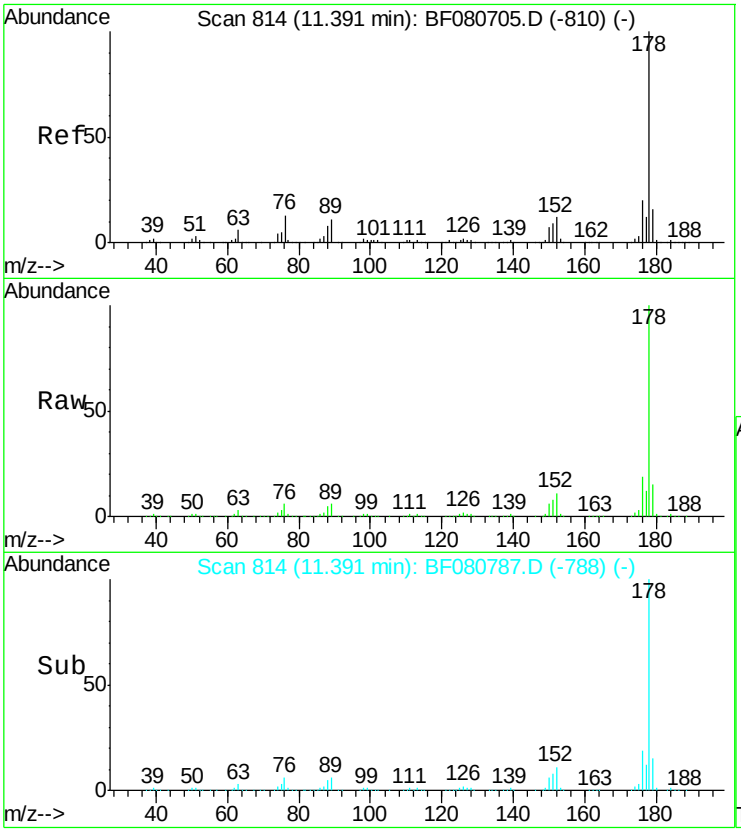


#66
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:248 Resp: 14467

Ion	Ratio	Lower	Upper
248	100		
250	202.1	78.4	117.6#
141	453.9	57.5	86.3#



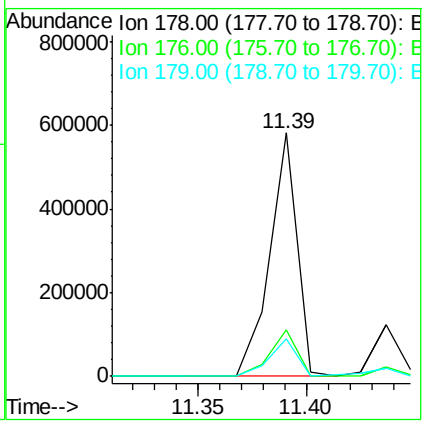


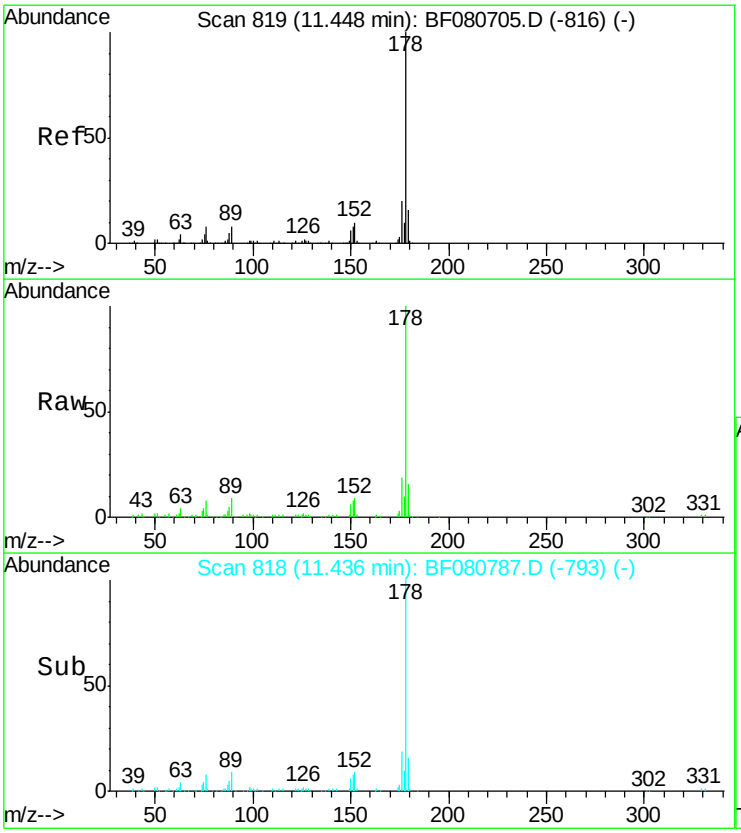
#70
Phenanthrene
Concen: 33.63 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:178 Resp: 513959

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.3	13.0	19.4

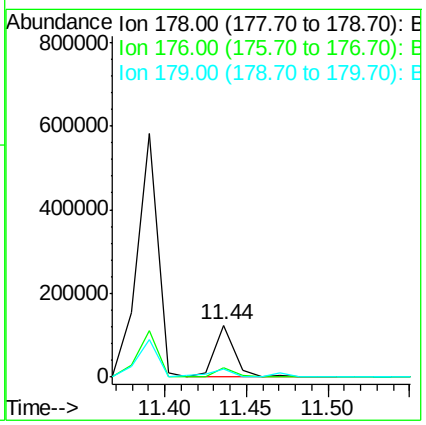


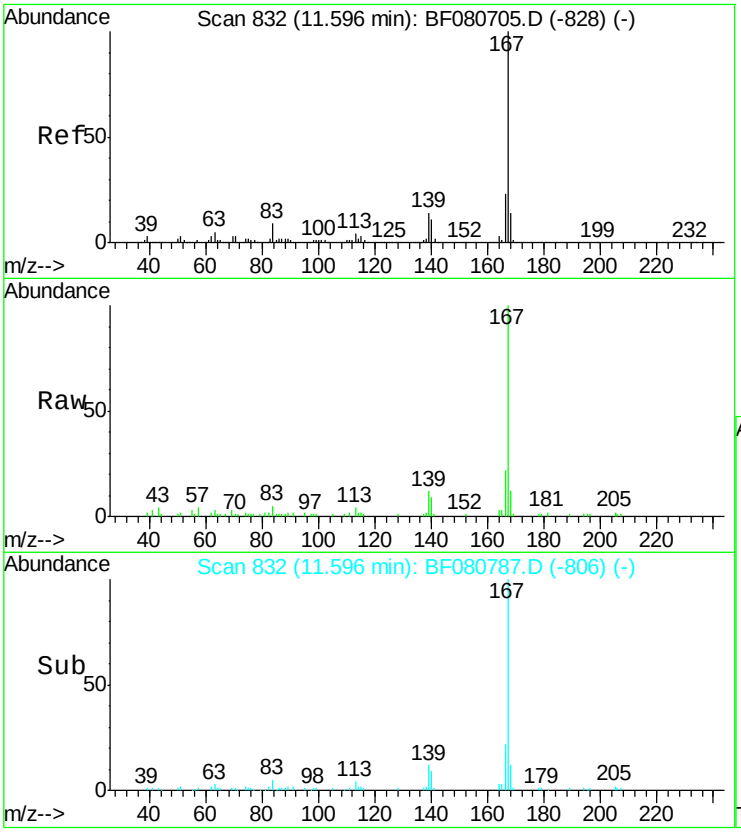


#71
Anthracene
Concen: 7.07 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:178 Resp: 106134

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.6	12.7	19.1



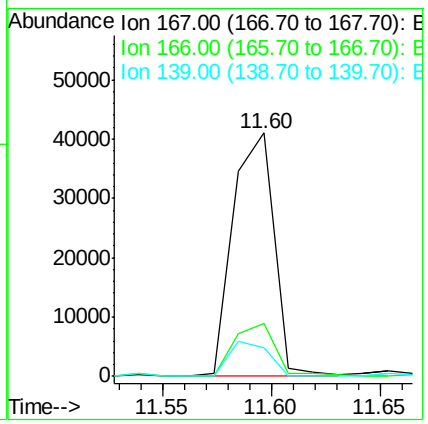


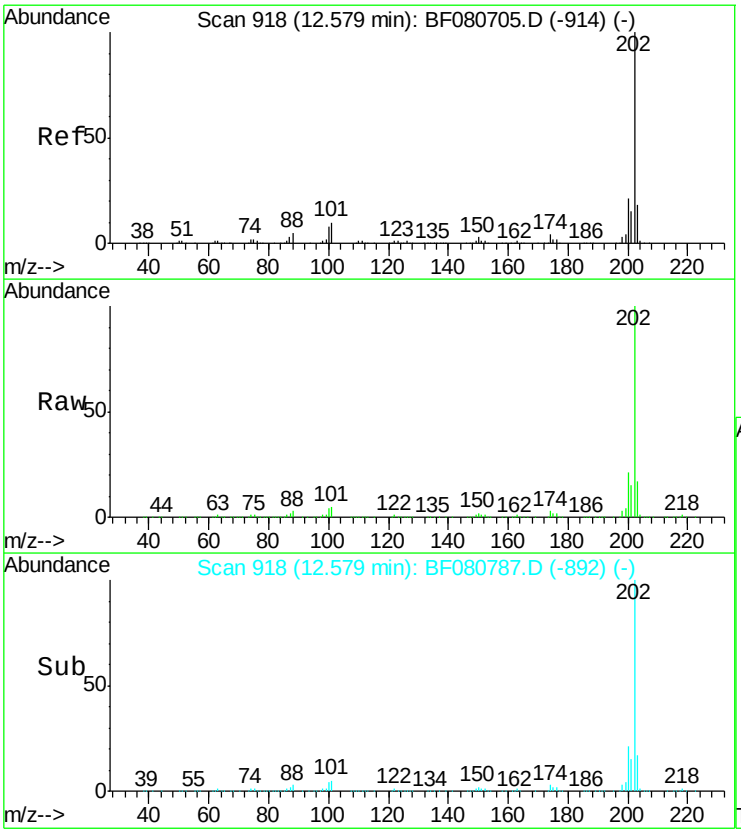
#72
Carbazole
Concen: 4.13 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:167 Resp: 53773

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.4
139	12.0	11.5	17.3

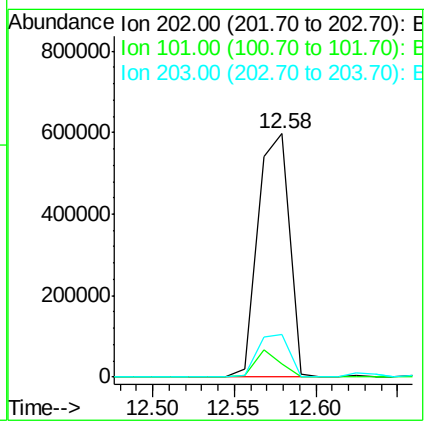


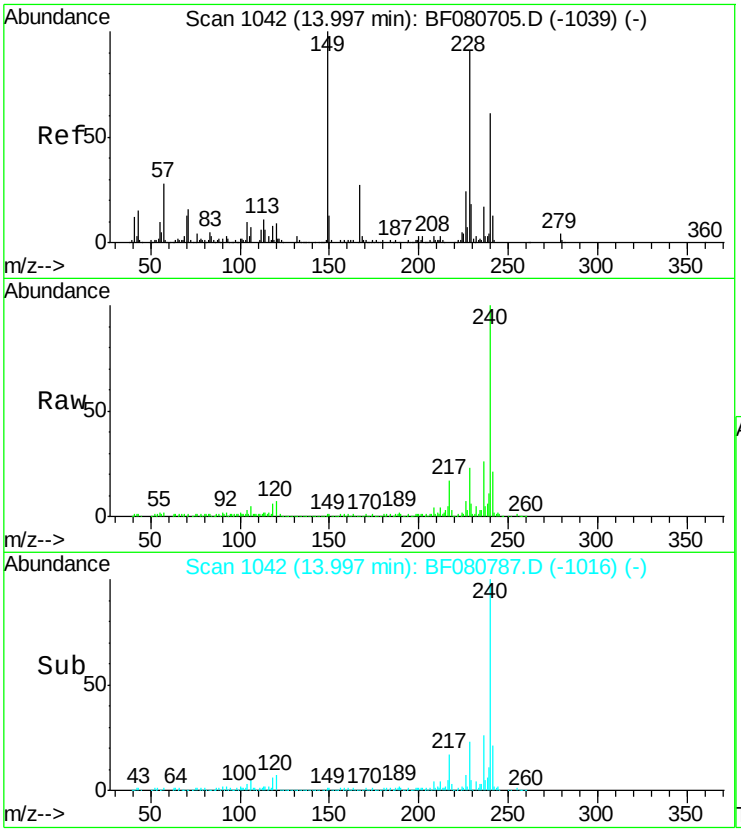


#74
Fluoranthene
Concen: 54.21 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:202 Resp: 801103

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	29.6
203	17.3	0.0	37.8



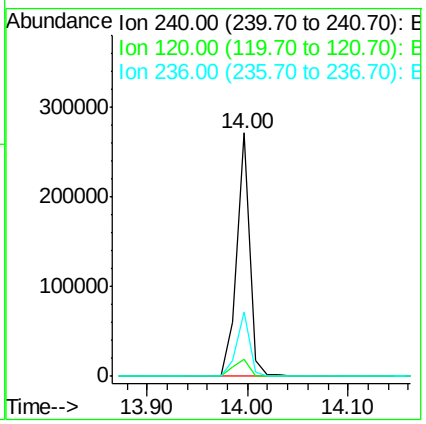


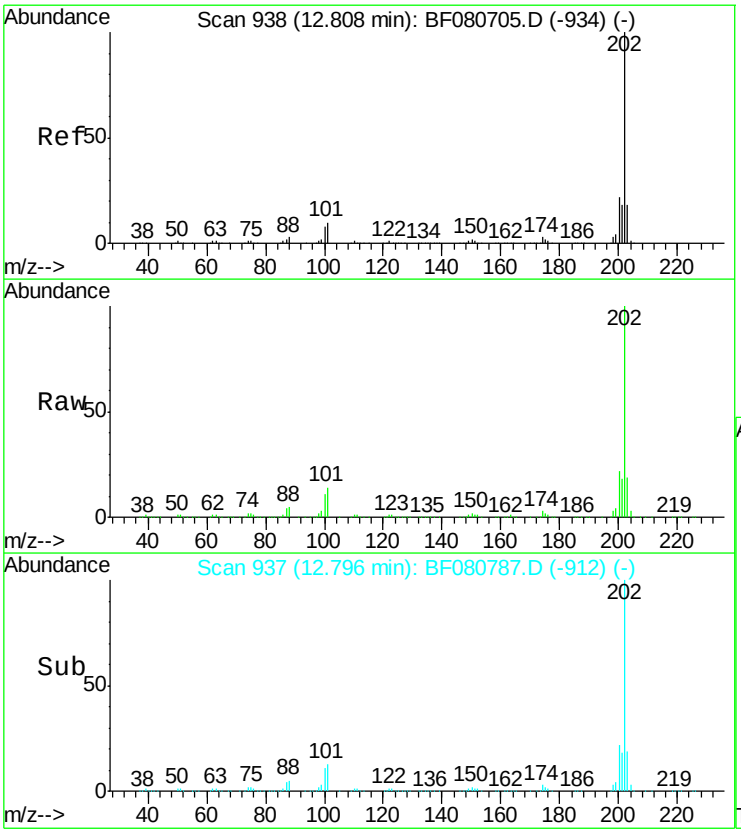
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:240 Resp: 245097

Ion	Ratio	Lower	Upper
240	100		
120	7.2	11.8	17.8#
236	26.4	21.8	32.8

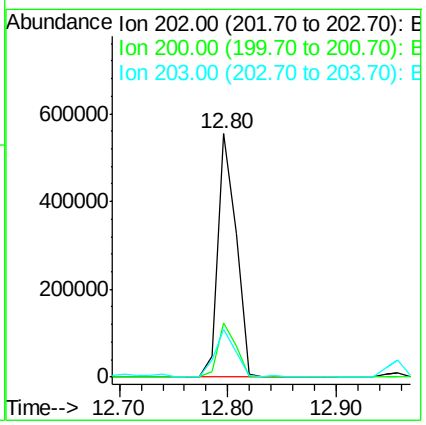


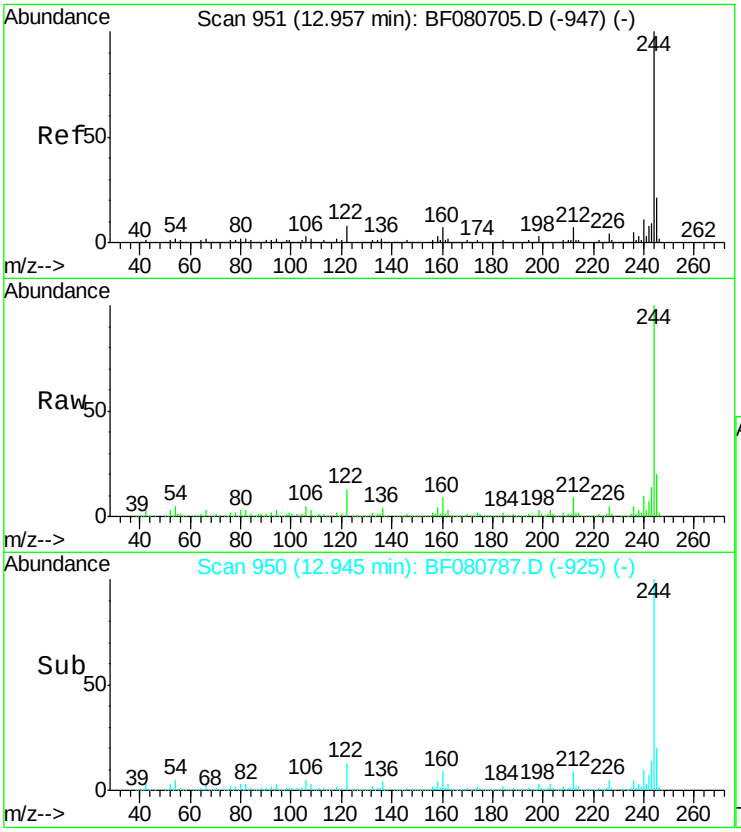


#77
Pyrene
Concen: 33.86 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:202 Resp: 643721

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	19.4	14.2	21.2



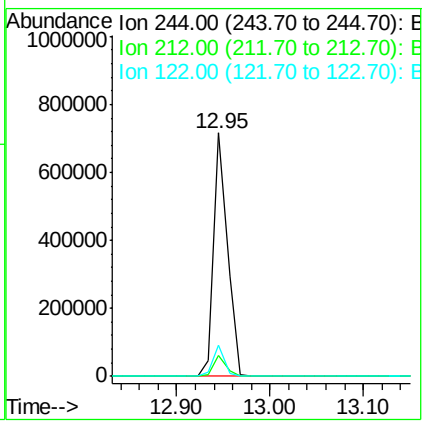


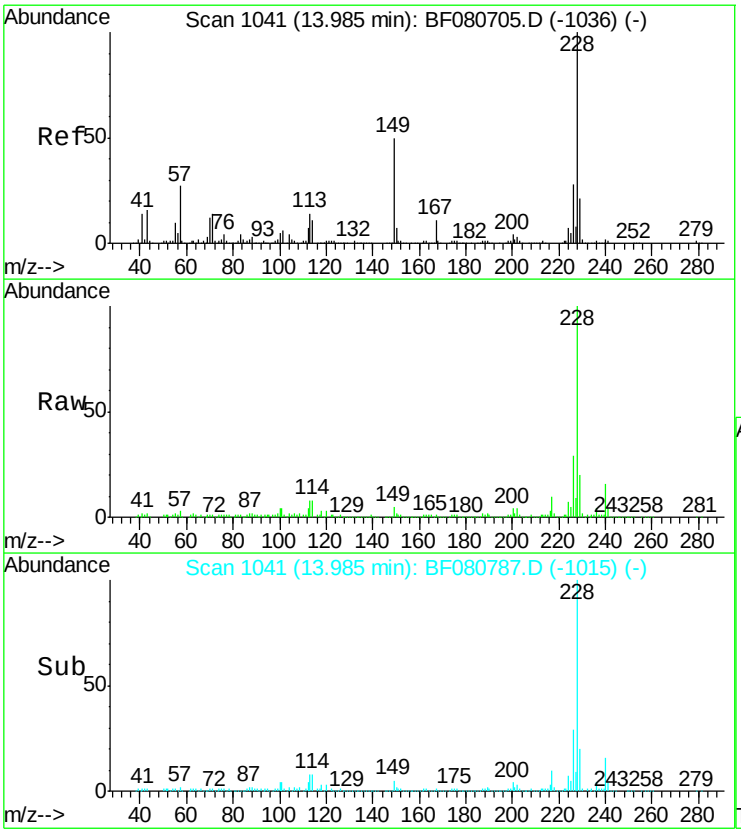
#78
Terphenyl-d14
Concen: 56.38 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:244 Resp: 730631

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.9	8.9
122	13.0	6.6	9.8#

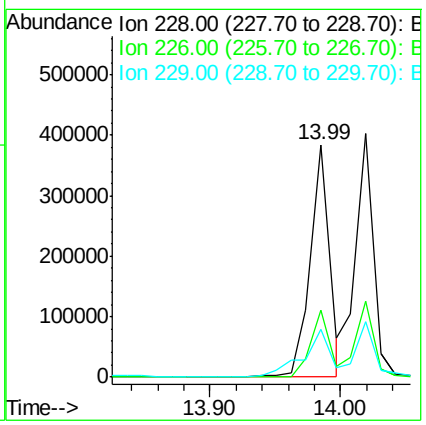


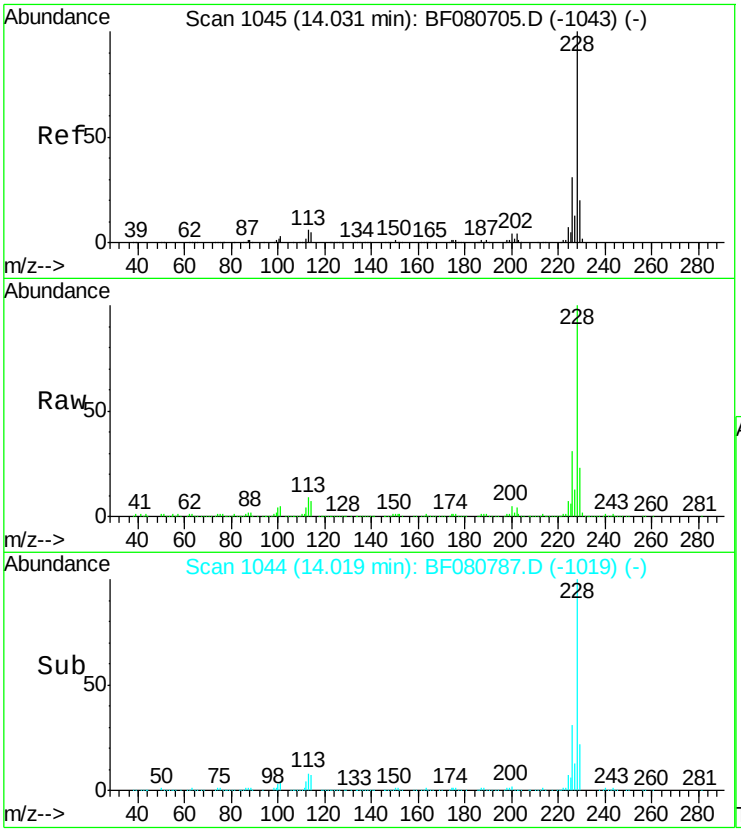


#80
Benzo(a)anthracene
Concen: 26.54 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:228 Resp: 391210

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.4	16.6	25.0



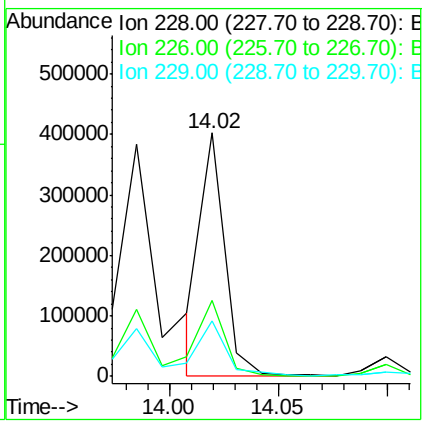


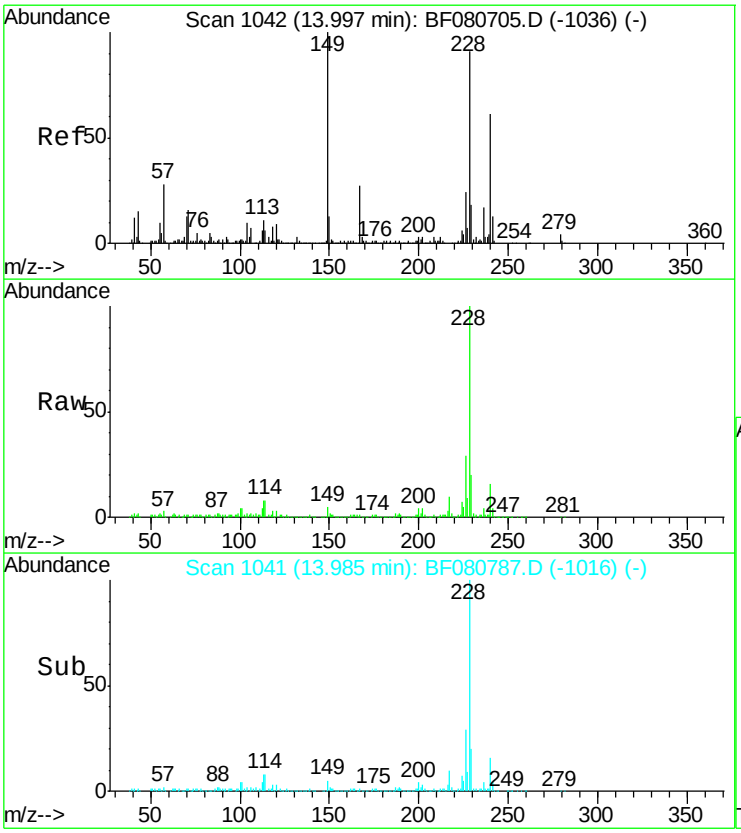
#82
Chrysene
Concen: 21.40 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:228 Resp: 306244

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.1	37.7
229	22.7	15.8	23.8

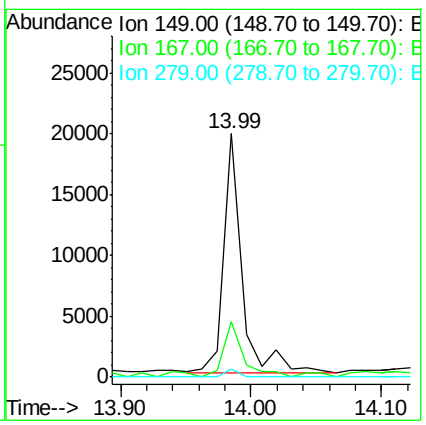


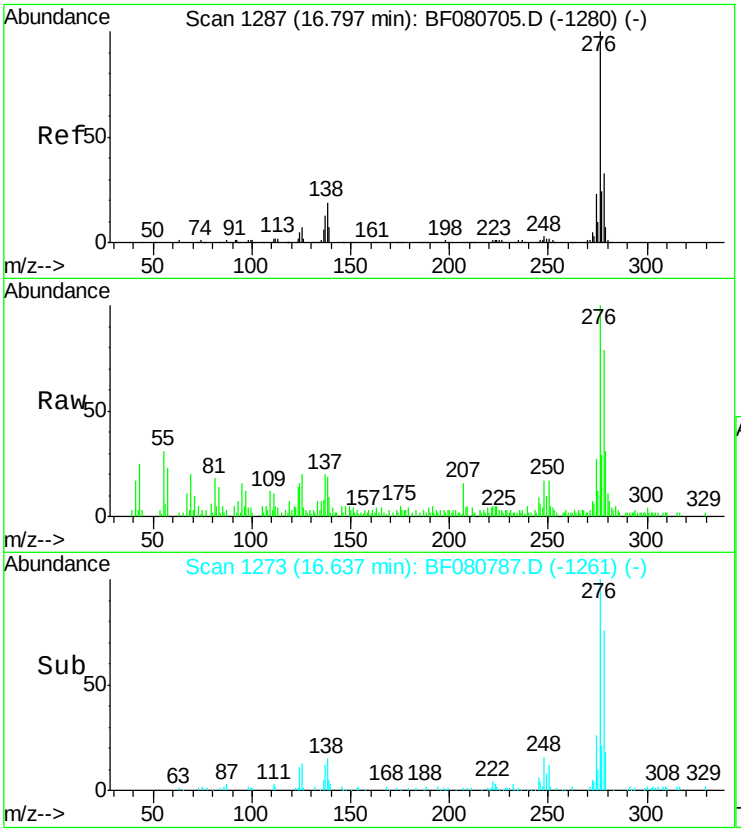


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.04 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:149 Resp: 19350

Ion	Ratio	Lower	Upper
149	100		
167	22.9	21.8	32.8
279	3.4	3.4	5.0



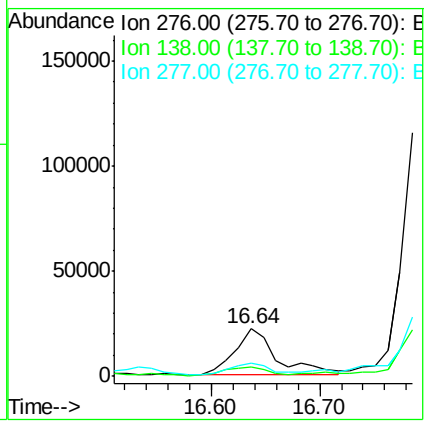


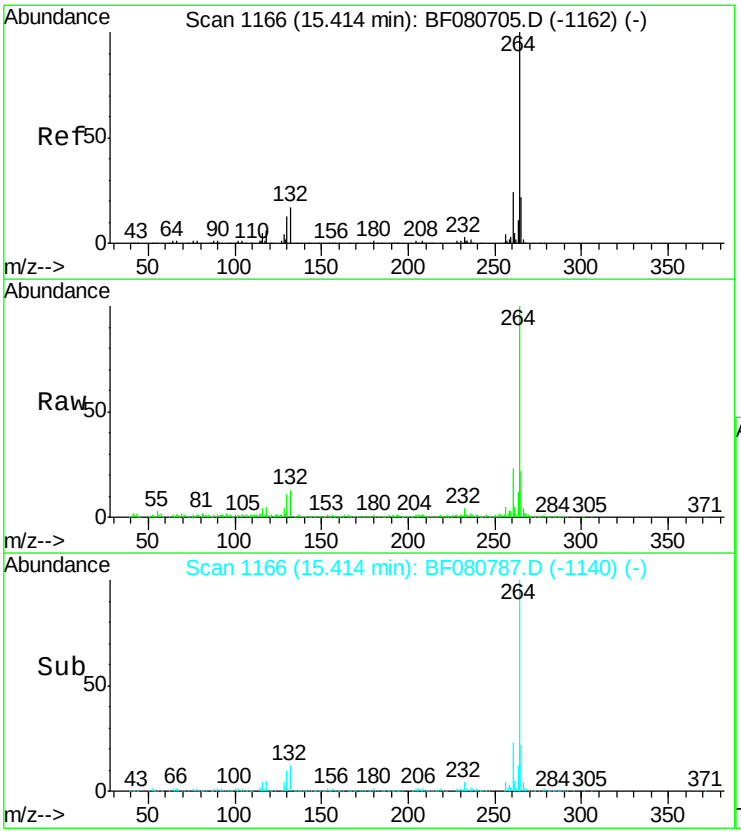
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.01 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.16 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:276 Resp: 60174

Ion	Ratio	Lower	Upper
276	100		
138	18.8	13.2	19.8
277	21.4	15.4	23.2

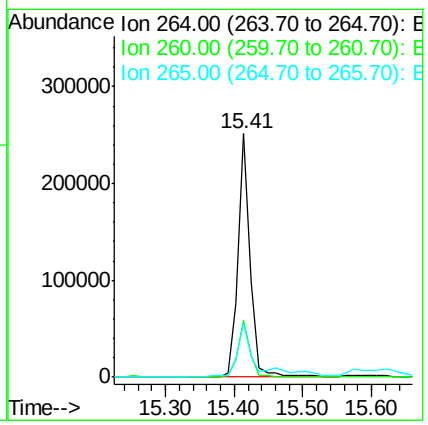


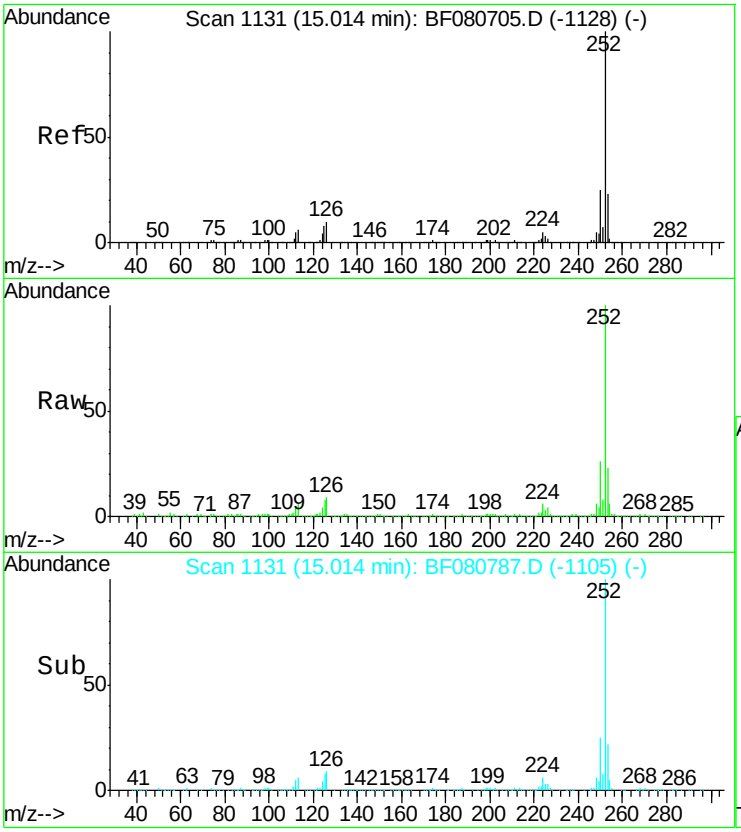


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:264 Resp: 310642

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	22.1	17.3	25.9



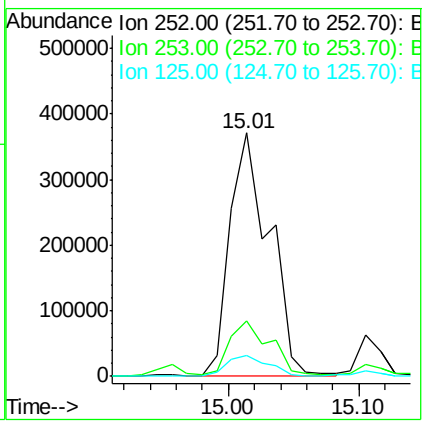


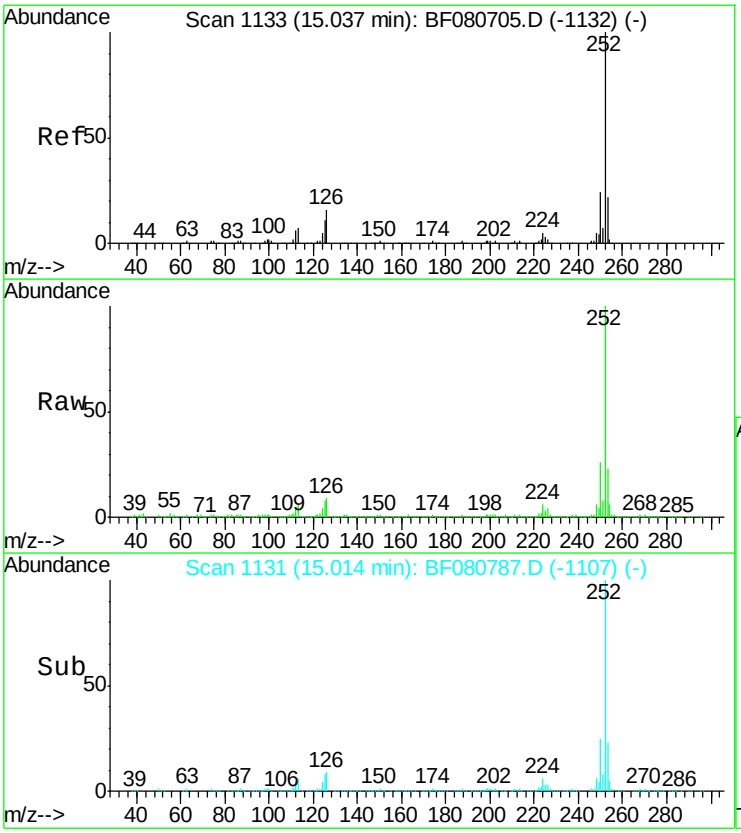
#87
Benzo(b)fluoranthene
Concen: 42.00 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:252 Resp: 779270

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	8.3	6.2	9.2

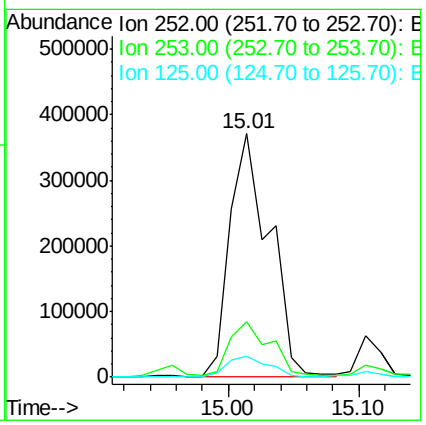


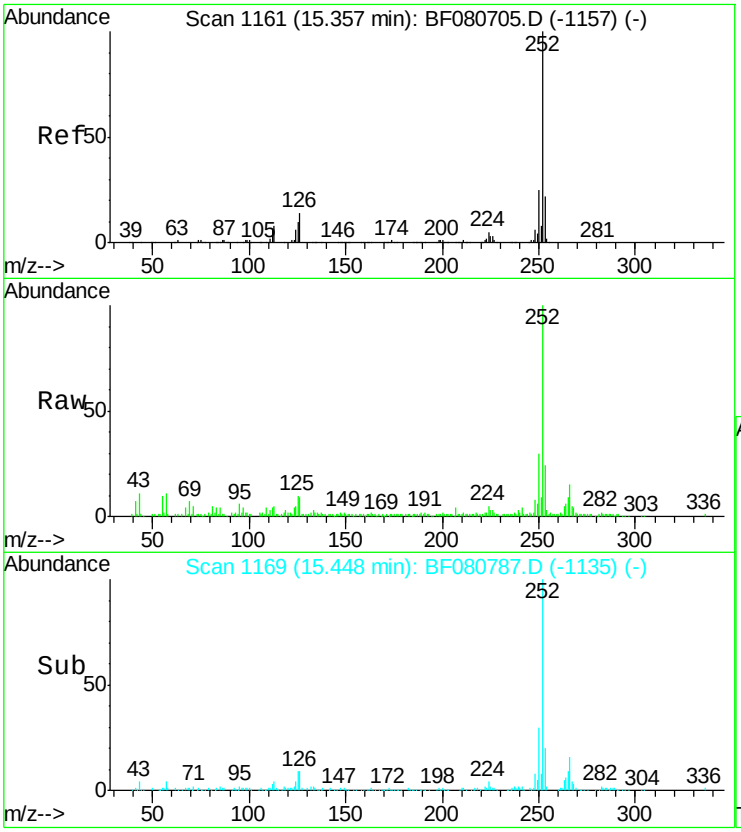


#88
Benzo(k)fluoranthene
Concen: 51.03 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:252 Resp: 779270

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	8.3	9.0	13.4#



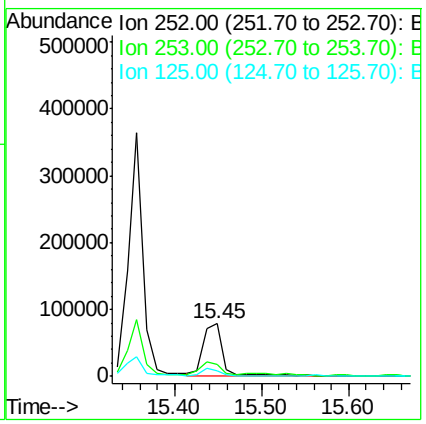


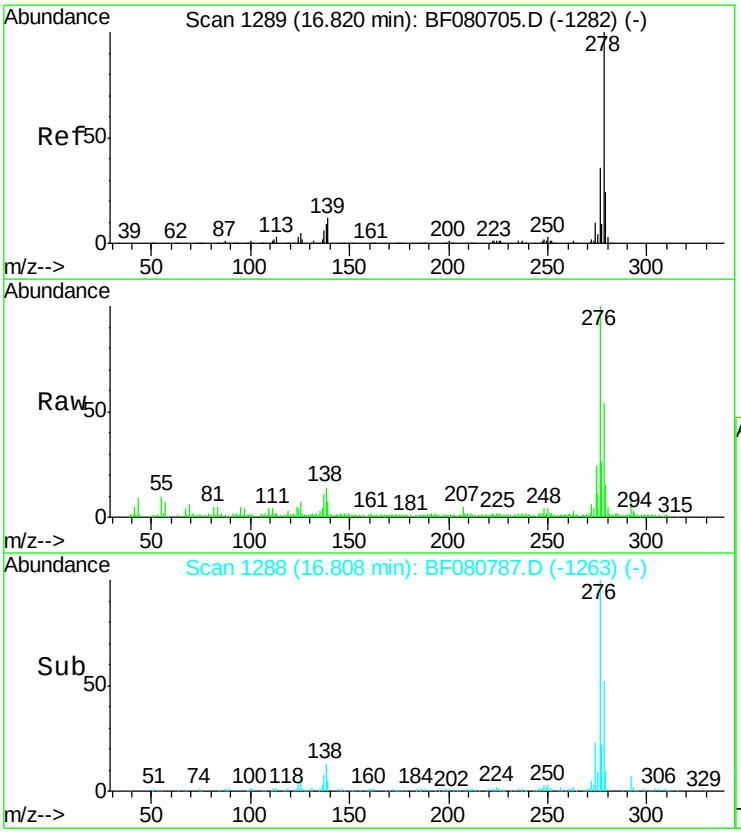
#89
Benzo(a)pyrene
Concen: 7.84 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.09 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:252 Resp: 119454

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	9.8	8.2	12.4

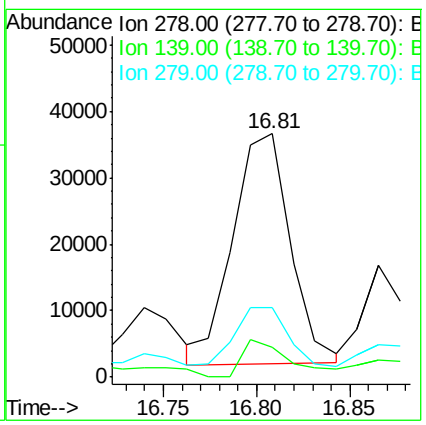


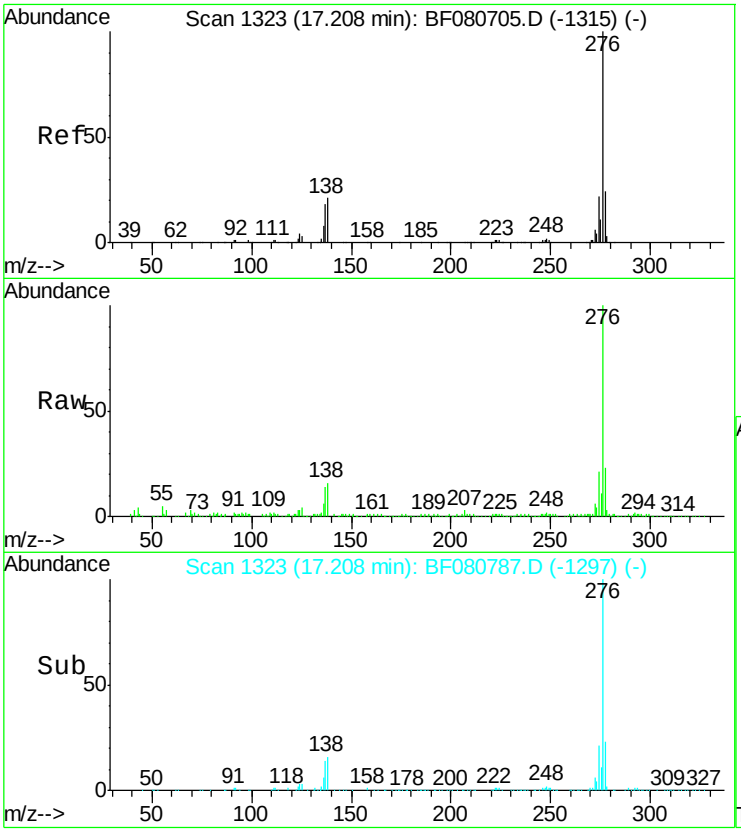


#90
Dibenzo(a,h)anthracene
Concen: 5.45 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Tgt Ion:278 Resp: 74381

Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.8	14.8
279	28.5	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 19.10 ng
RT: 17.21 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF080787.D
Acq: 1 Aug 2015 18:30

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

Tgt Ion:276 Resp: 256250

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	16.3	16.9	25.3#