Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080257.D
Acq On : 1 Jul 2015 3:12
Operator : TP/IZ
Sample : G2838-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B7

Quant Time: Jul 01 05:08:11 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	33550	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	135550	20.00	ng		-0.05
38) Acenaphthene-d10	10.34	164	69453	20.00	ng		-0.05
63) Phenanthrene-d10	11.85	188	138046	20.00	ng		-0.06
75) Chrysene-d12	14.79	240	154289	20.00	ng		-0.21
86) Perylene-d12	16.64	264	158780	20.00	ng		-0.29
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	325745	171.87	ng		-0.03
7) Phenol-d6	6.89	99	447609	177.47	ng		-0.03
23) Nitrobenzene-d5	7.84	82	254680	109.38	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	107489	158.27	ng		-0.03
44) 2-Fluorobiphenyl	9.65	172	465734	95.63	ng		-0.05
78) Terphenyl-d14	13.53	244	563560	85.31	ng		-0.14
Target Compounds							Qvalue
15) Benzyl Alcohol	7.44	79	4322	2.10	ng	#	32
19) n-Nitroso-di-n-propylamine	7.84	70	32439	18.53	ng	#	60
25) Isophorone	7.84	82	254670	54.35	ng	#	58
48) Acenaphthylene	10.21	152	58452	7.64	ng		98
49) Dimethylphthalate	10.04	163	49764	9.53	ng	#	97
51) Acenaphthene	10.38	154	10965	2.34	ng	#	81
57) Fluorene	10.89	166	17718	3.36	ng		96
66) 4-Bromophenyl-phenylether	11.14	248	7334	5.00	ng	#	1
70) Phenanthrene	11.88	178	270472	32.36	ng		98
71) Anthracene	11.92	178	92678	11.52	ng		99
74) Fluoranthene	13.13	202	801211	90.01	ng		89
77) Pyrene	13.38	202	688331	72.46	ng		95
80) Benzo(a)anthracene	14.78	228	511465	54.41	ng		93
82) Chrysene	14.83	228	360246	41.56	ng		92
87) Benzo(b)fluoranthene	16.12	252	620242	64.52	ng	#	88
88) Benzo(k)fluoranthene	16.12	252	620242	63.36	ng	#	88
89) Benzo(a)pyrene	16.57	252	297536	32.59	ng	#	84
90) Dibenzo(a,h)anthracene	18.48	278	40132	4.29	ng	#	79
91) Benzo(g,h,i)perylene	19.01	276	155415	16.47	ng	#	80

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

Quantitation Report (Not Reviewed)

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QLast Update : Tue Jun 23 00:53:56 2015
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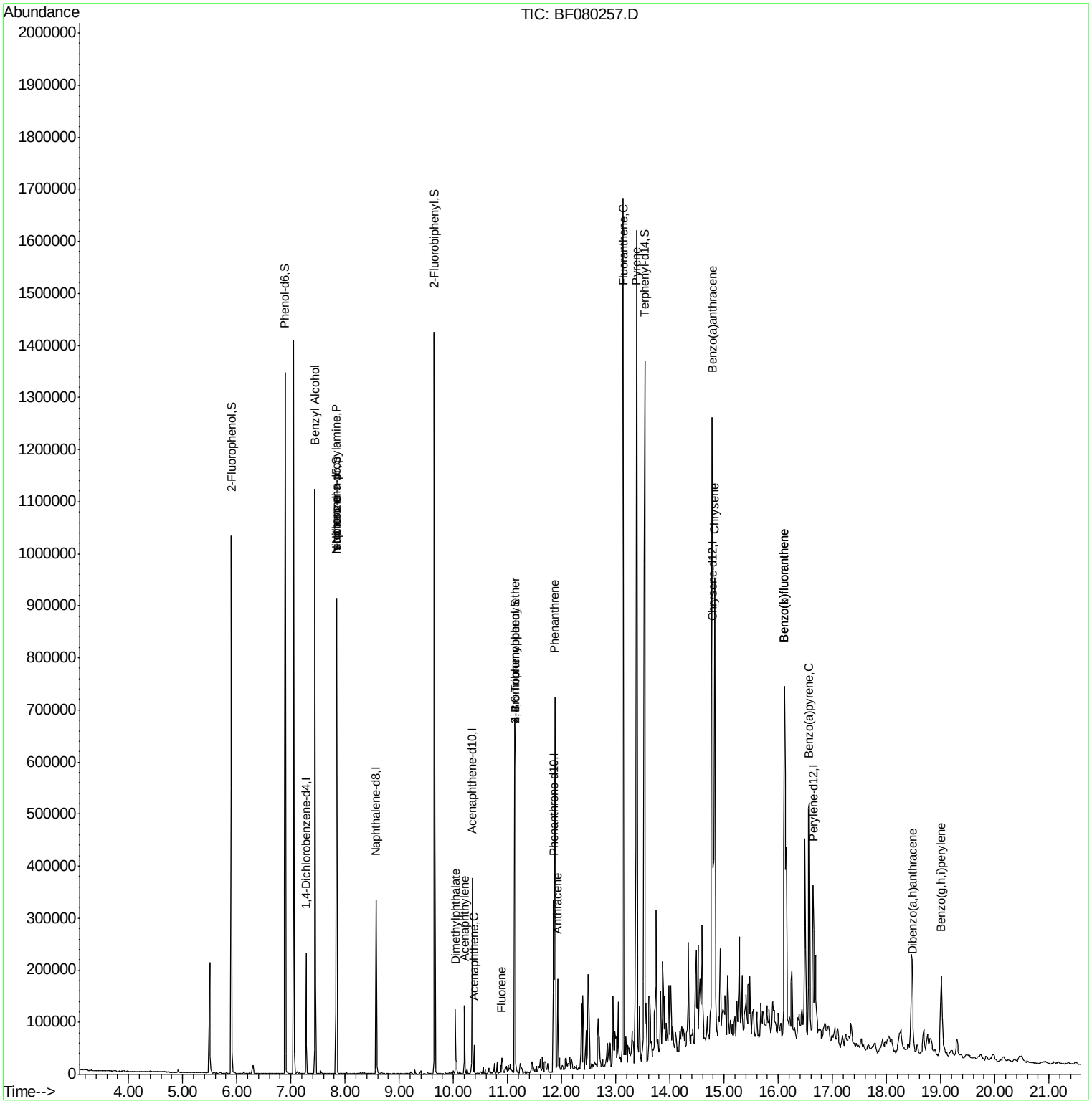
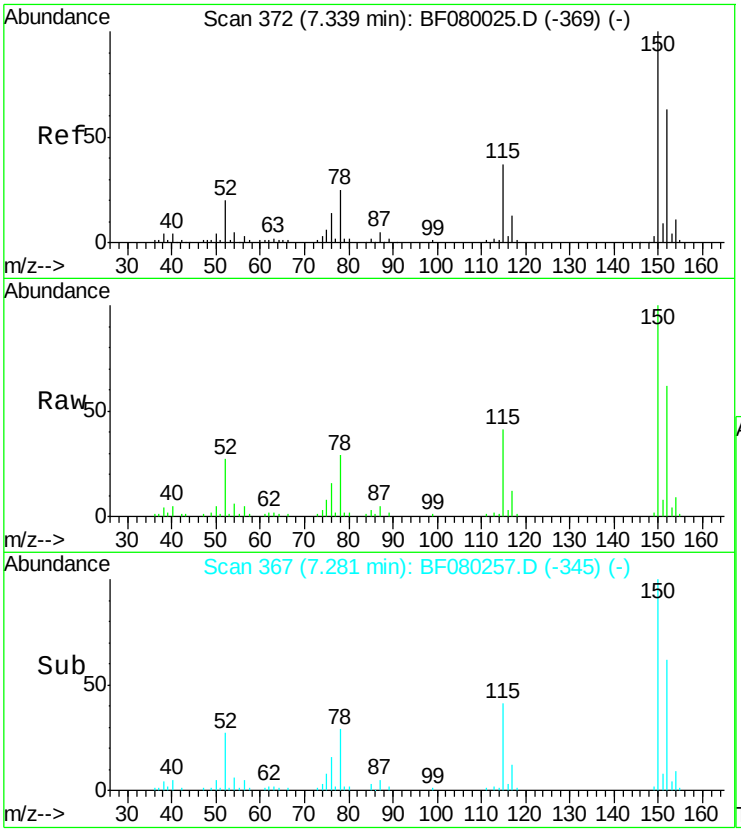


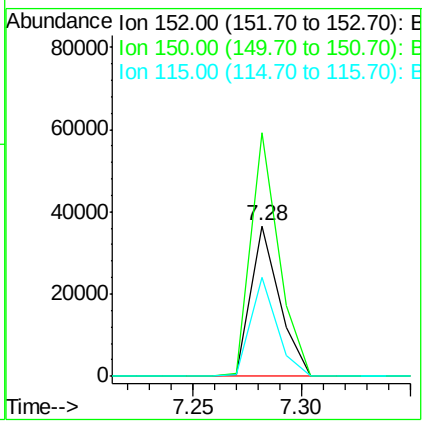


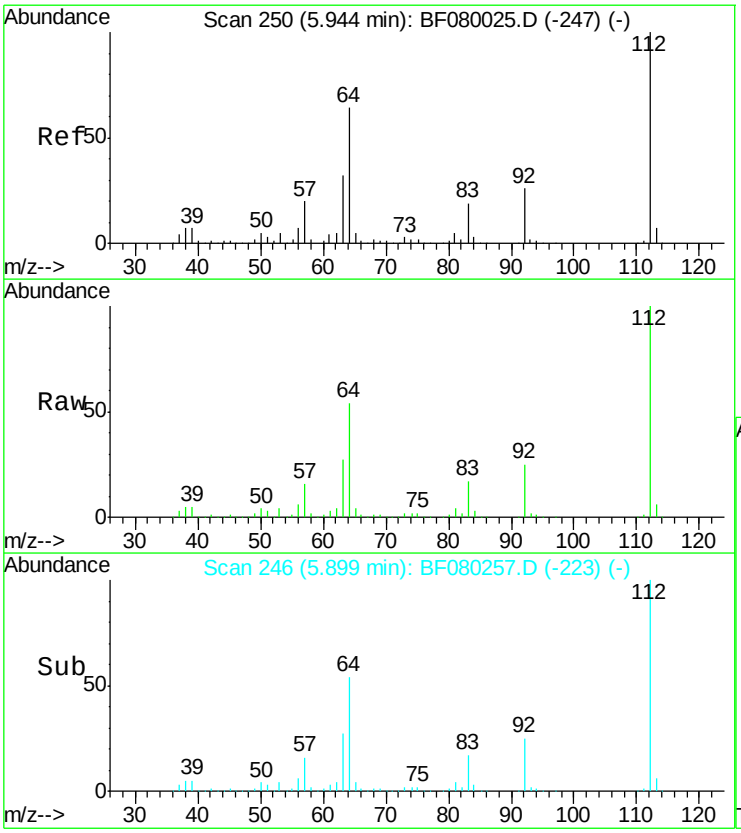
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:152 Resp: 33550

Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.7	187.1
115	65.8	39.0	58.4#

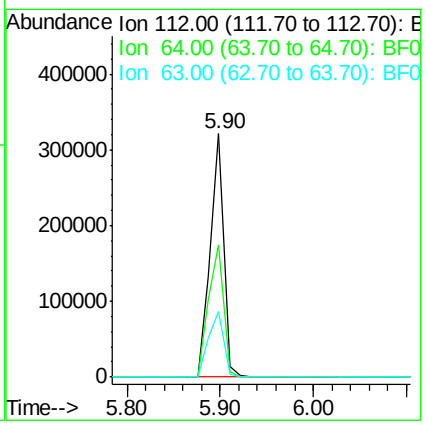


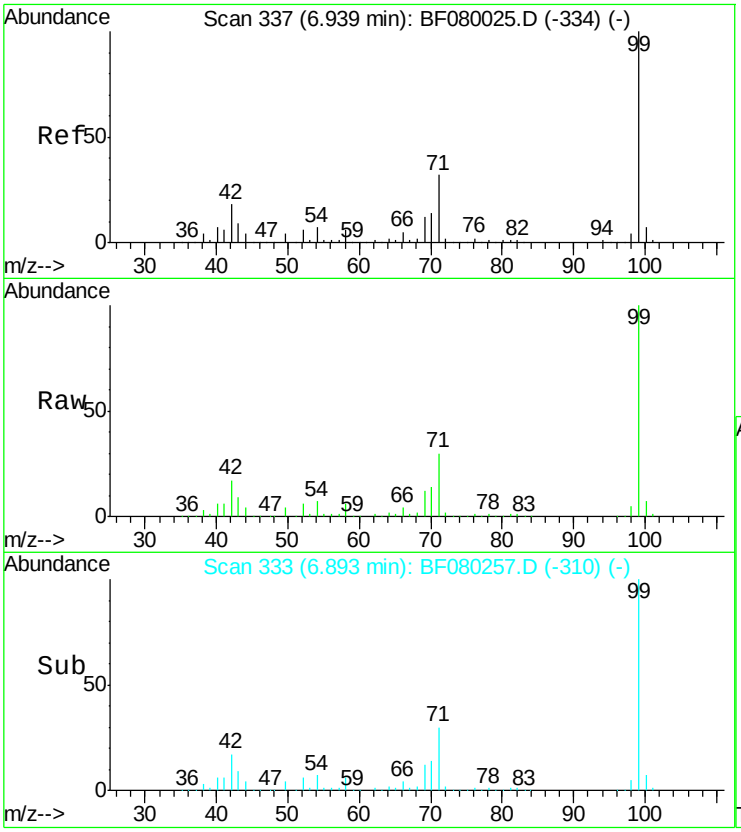


#5
2-Fluorophenol
Concen: 171.87 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:112 Resp: 325745

Ion	Ratio	Lower	Upper
112	100		
64	54.4	39.7	59.5
63	27.2	17.4	26.0#



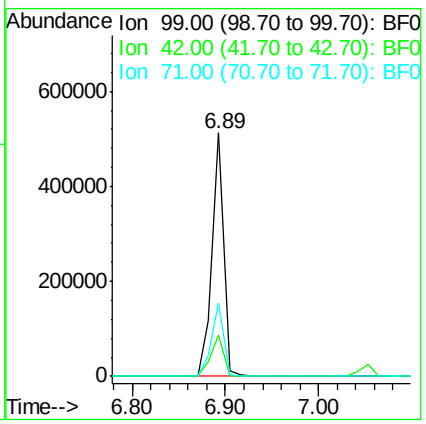


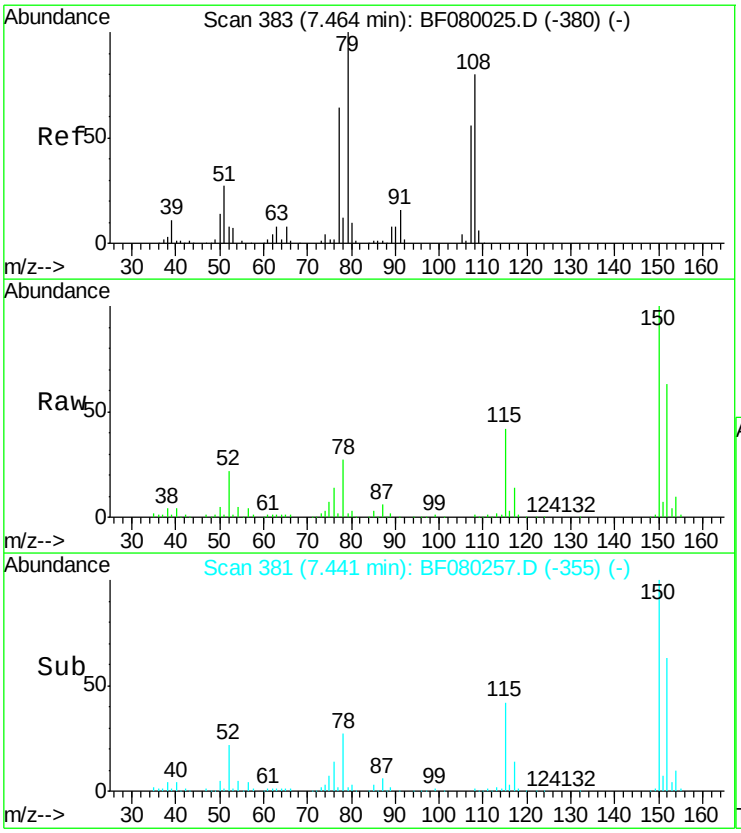
#7
Phenol-d6
Concen: 177.47 ng
RT: 6.89 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion: 99 Resp: 447609

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.7	20.5
71	30.3	14.2	21.2#

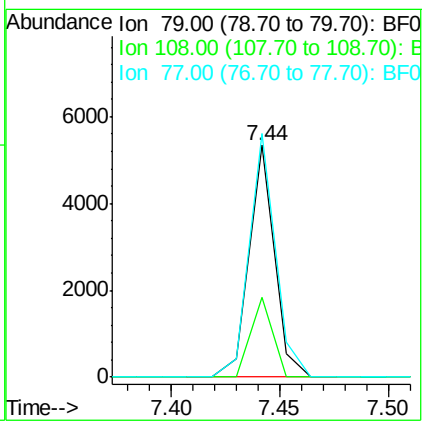


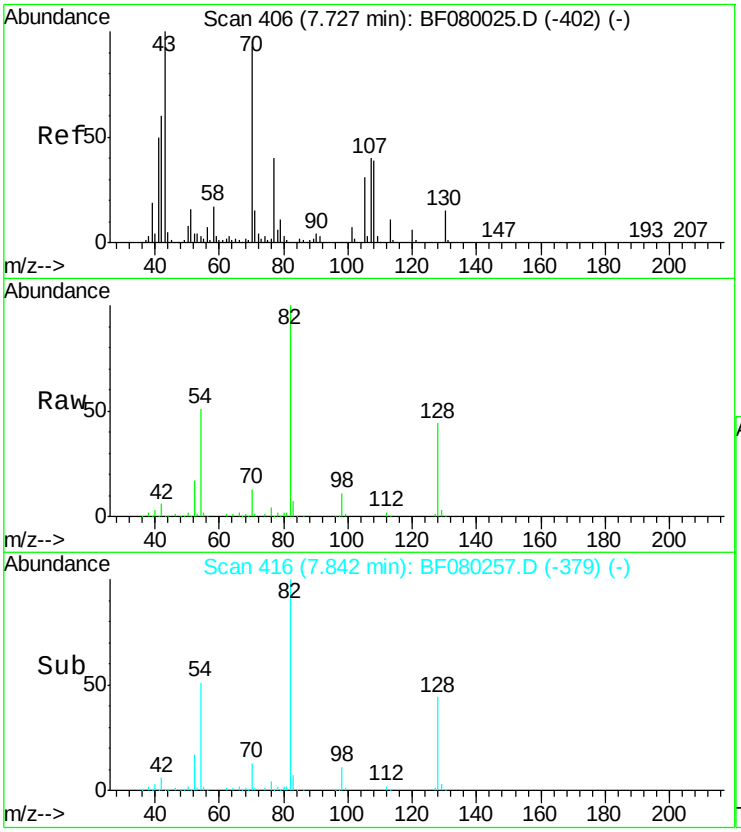


#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 7.44 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion: 79 Resp: 4322

Ion	Ratio	Lower	Upper
79	100		
108	34.6	88.6	132.8#
77	104.9	47.0	70.4#



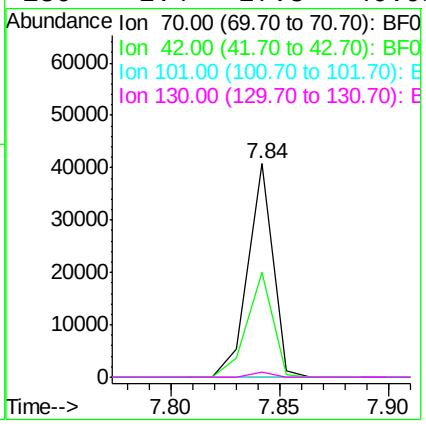


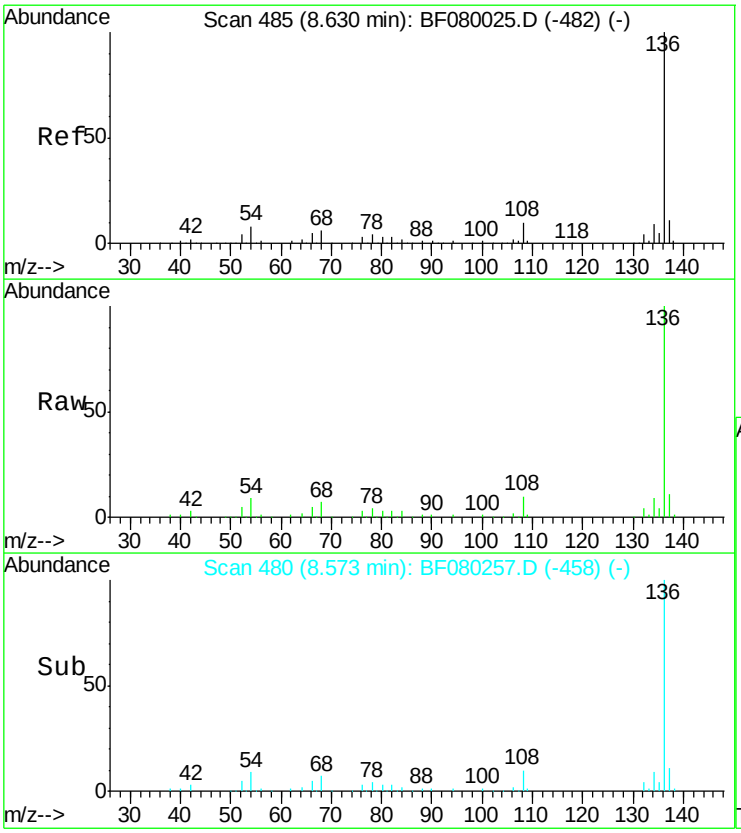
#19
n-Nitroso-di-n-propylamine
Concen: 18.53 ng
RT: 7.84 min Scan# 416
Delta R.T. 0.13 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion: 70 Resp: 32439

Ion	Ratio	Lower	Upper
70	100		
42	49.1	63.8	95.6#
101	0.0	9.2	13.8#
130	2.4	27.3	40.9#

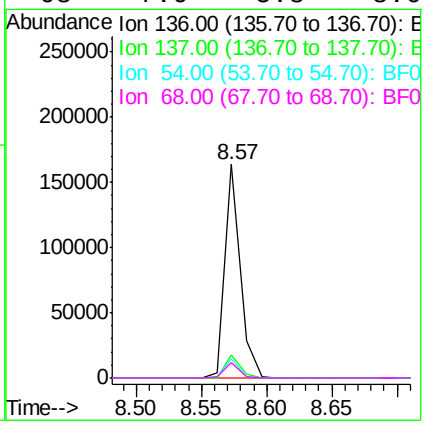


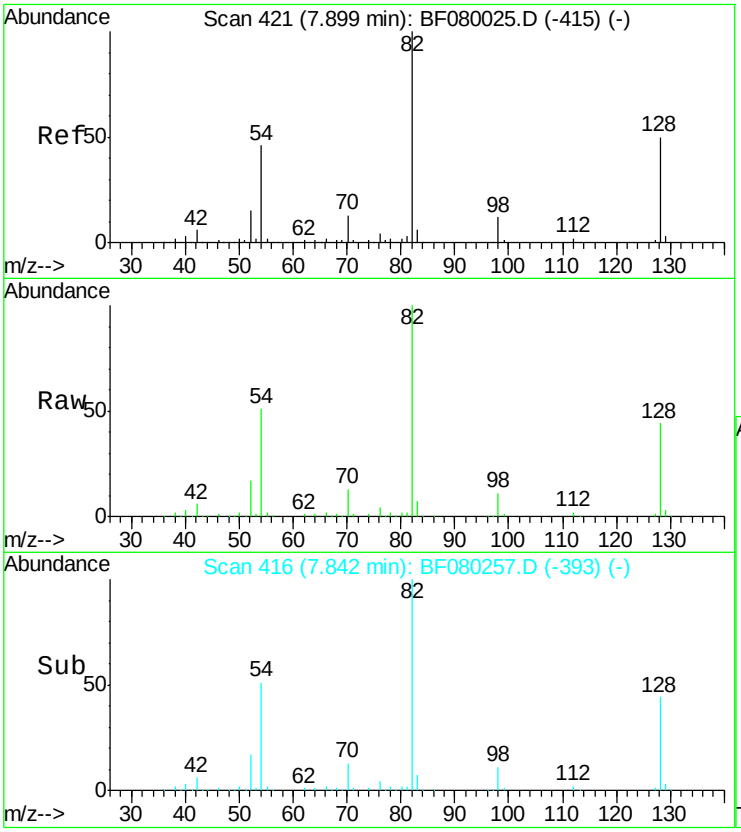


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:136 Resp: 135550

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	9.2	8.2	12.2
68	7.0	5.8	8.6



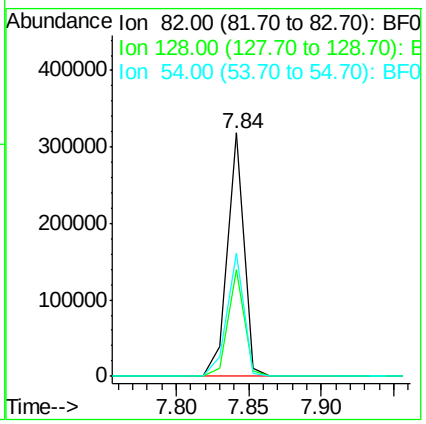


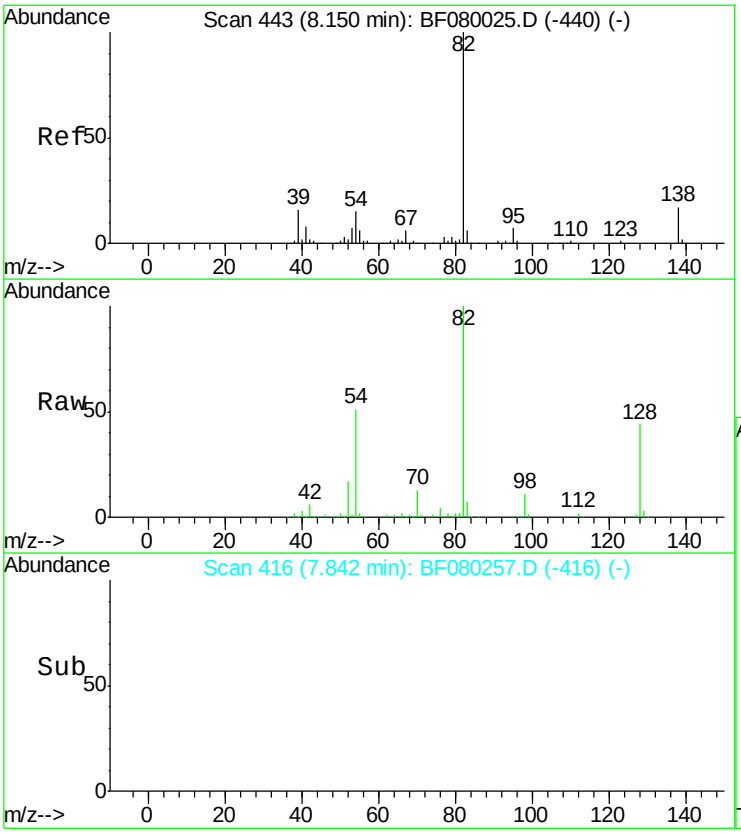
#23
Nitrobenzene-d5
Concen: 109.38 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion: 82 Resp: 254680

Ion	Ratio	Lower	Upper
82	100		
128	43.6	51.0	76.6#
54	50.8	47.5	71.3

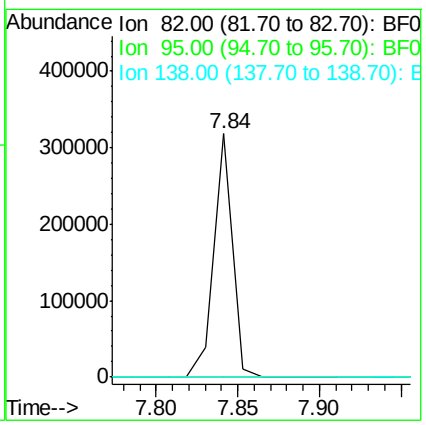


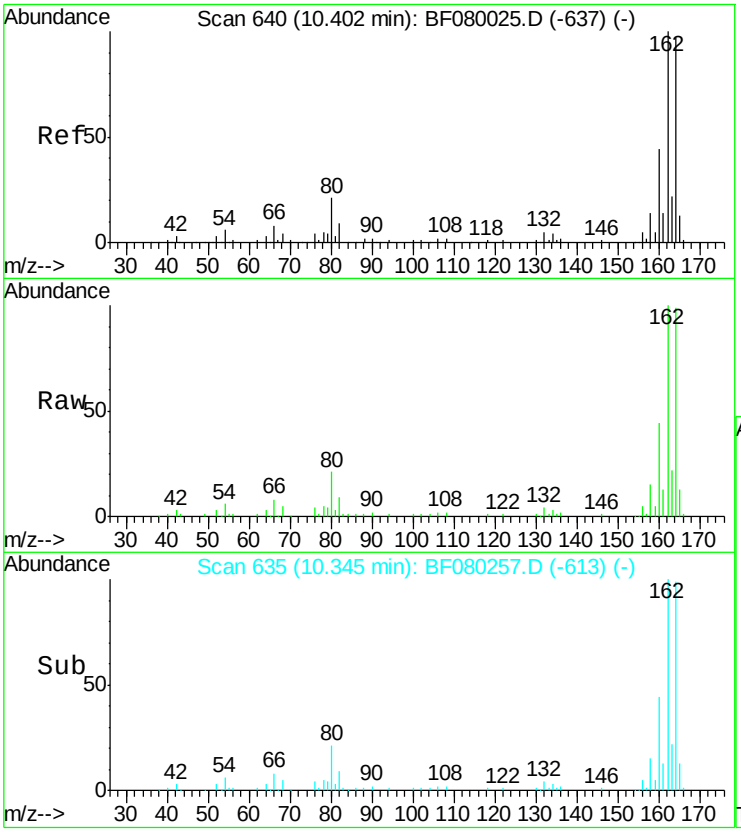


#25
Isophorone
Concen: 54.35 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.30 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion: 82 Resp: 254670

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#



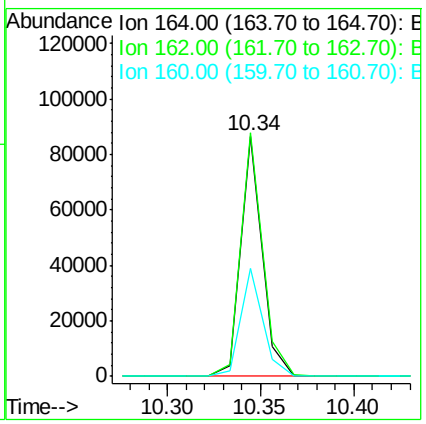


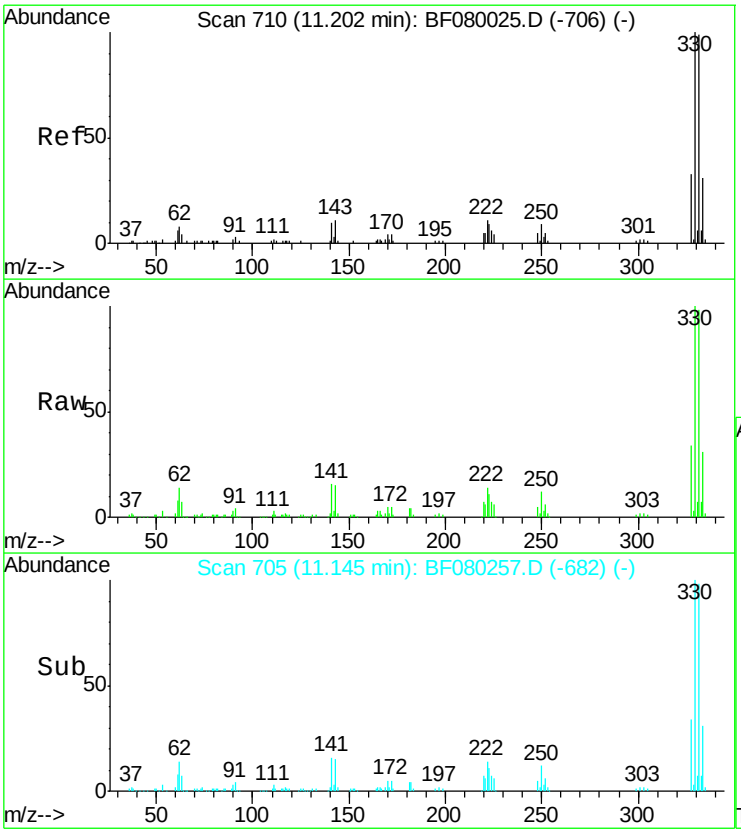
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.34 min Scan# 635
Delta R.T. -0.05 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:164 Resp: 69453

Ion	Ratio	Lower	Upper
164	100		
162	101.5	75.2	112.8
160	44.8	31.5	47.3

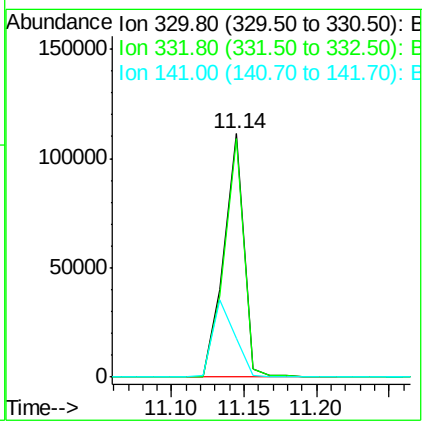


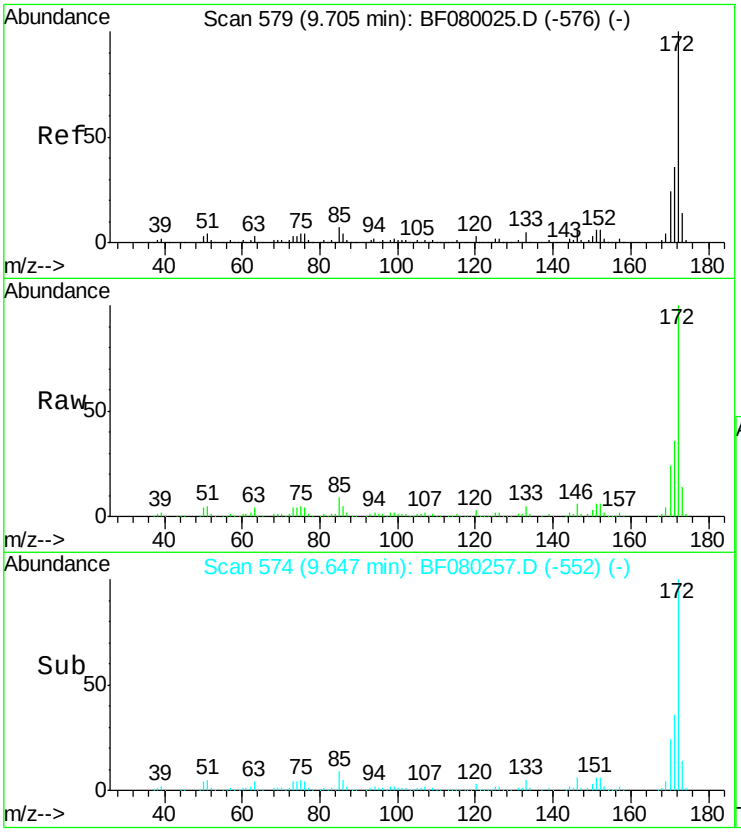


#41
2,4,6-Tribromophenol
Concen: 158.27 ng
RT: 11.14 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:330 Resp: 107489

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	35.0	29.7	44.5



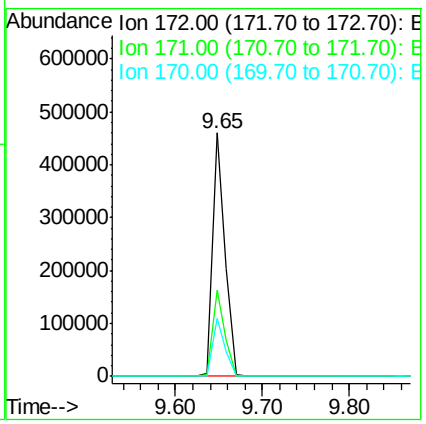


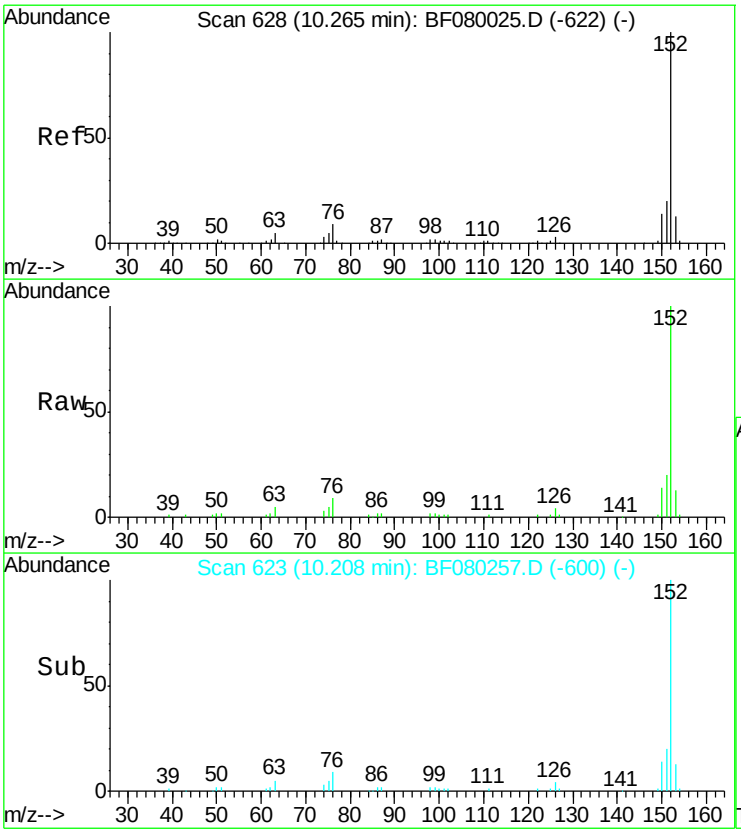
#44
2-Fluorobiphenyl
Concen: 95.63 ng
RT: 9.65 min Scan# 574
Delta R.T. -0.05 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:172 Resp: 465734

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	23.8	17.4	26.2

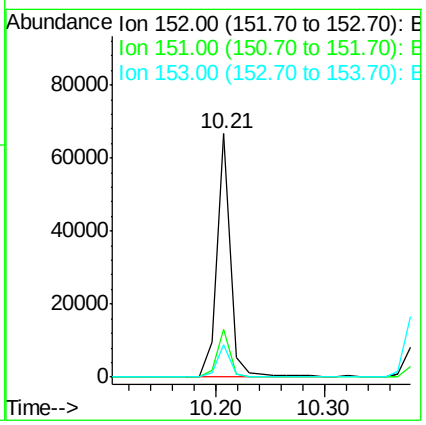


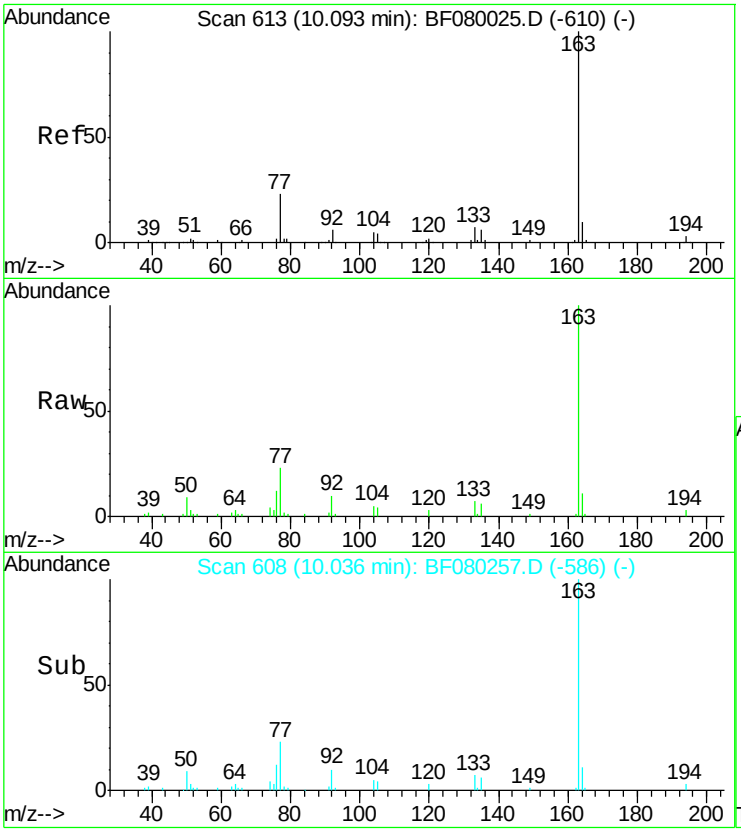


#48
Acenaphthylene
Concen: 7.64 ng
RT: 10.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:152 Resp: 58452

Ion	Ratio	Lower	Upper
152	100		
151	19.7	14.6	22.0
153	13.2	10.3	15.5



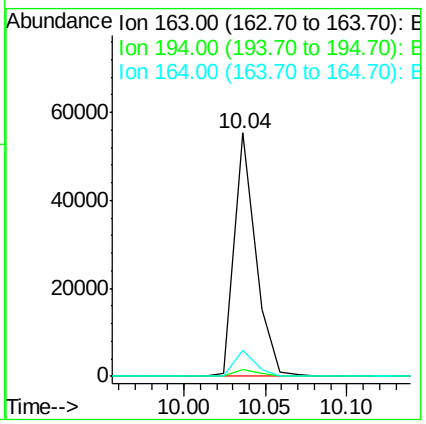


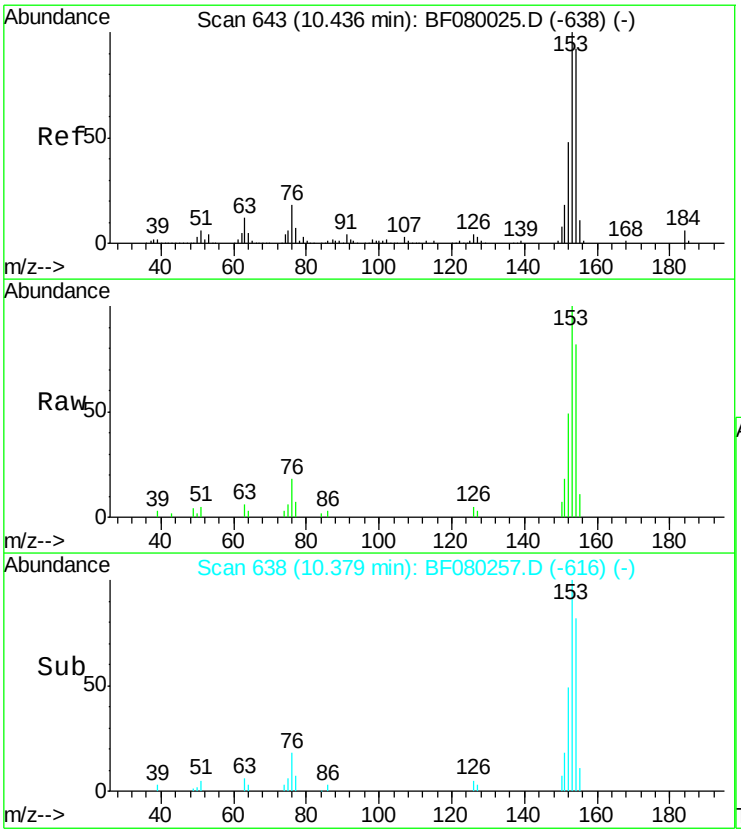
#49
Dimethylphthalate
Concen: 9.53 ng
RT: 10.04 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:163 Resp: 49764

Ion	Ratio	Lower	Upper
163	100		
194	3.1	4.4	6.6#
164	10.7	8.3	12.5

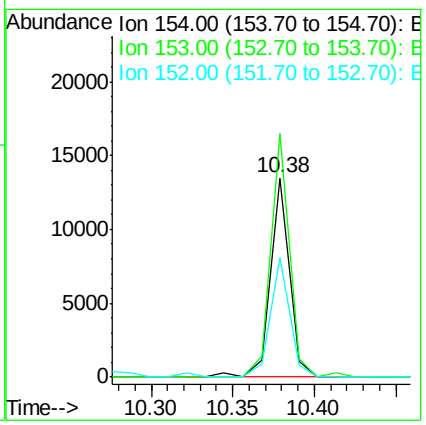


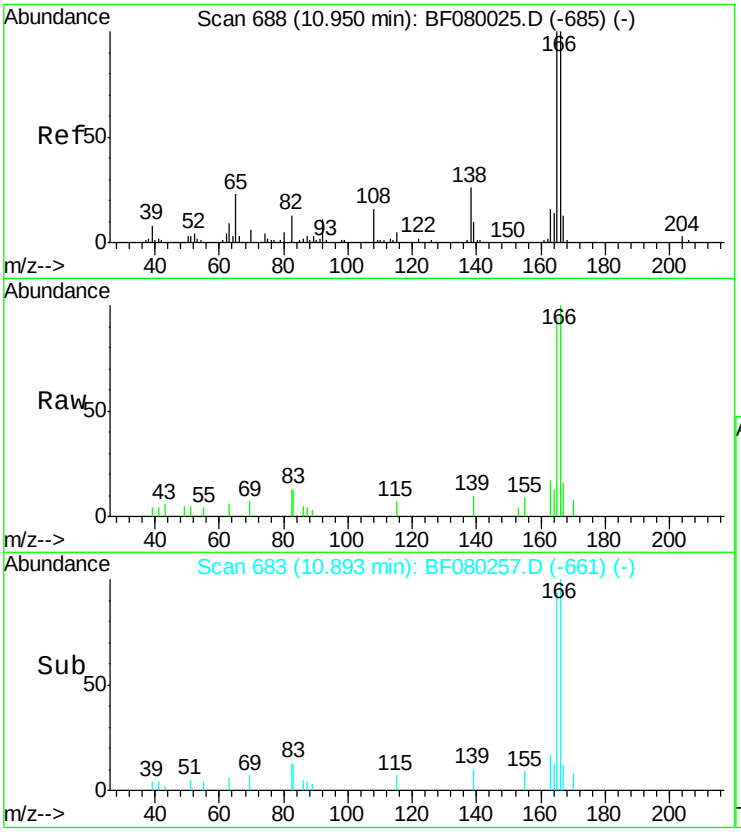


#51
Acenaphthene
Concen: 2.34 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.05 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:154 Resp: 10965

Ion	Ratio	Lower	Upper
154	100		
153	122.2	82.1	123.1
152	60.0	37.9	56.9#



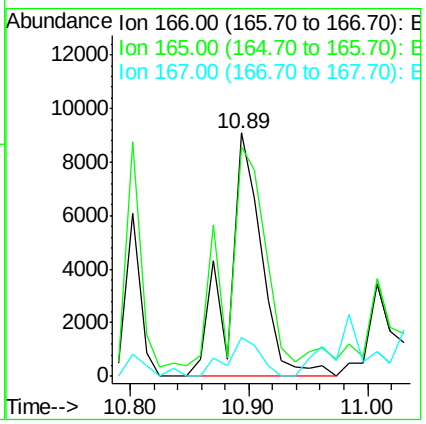


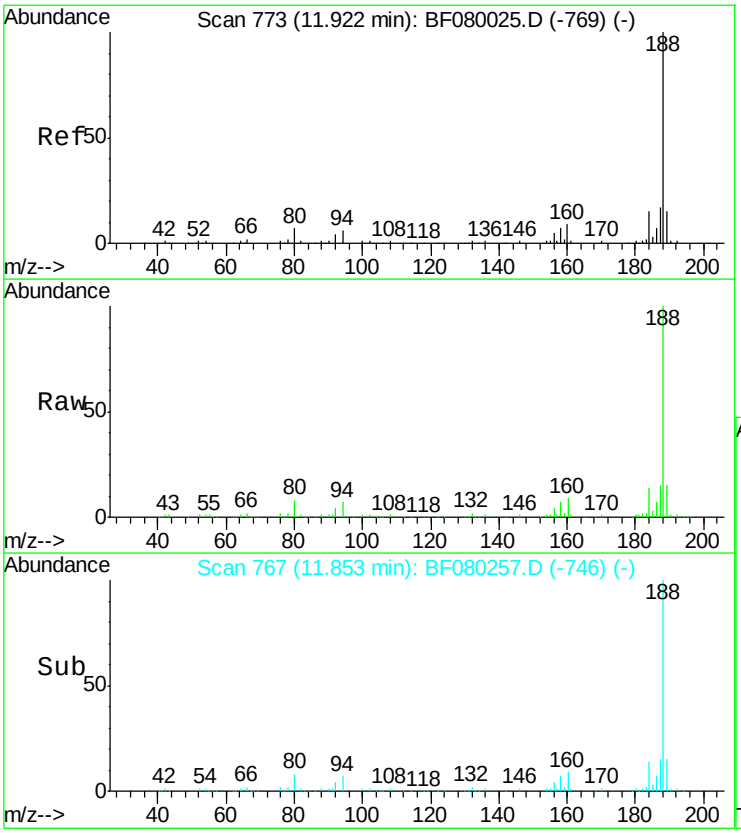
#57
Fluorene
Concen: 3.36 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.05 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:166 Resp: 17718

Ion	Ratio	Lower	Upper
166	100		
165	94.1	72.6	109.0
167	15.7	10.6	16.0

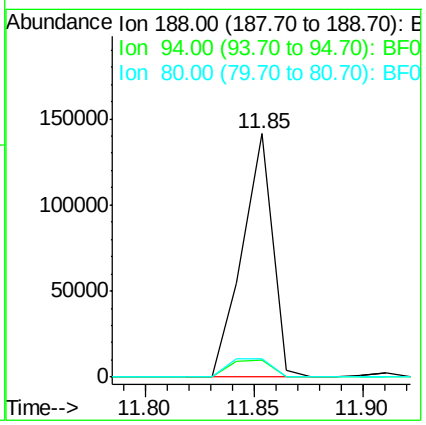


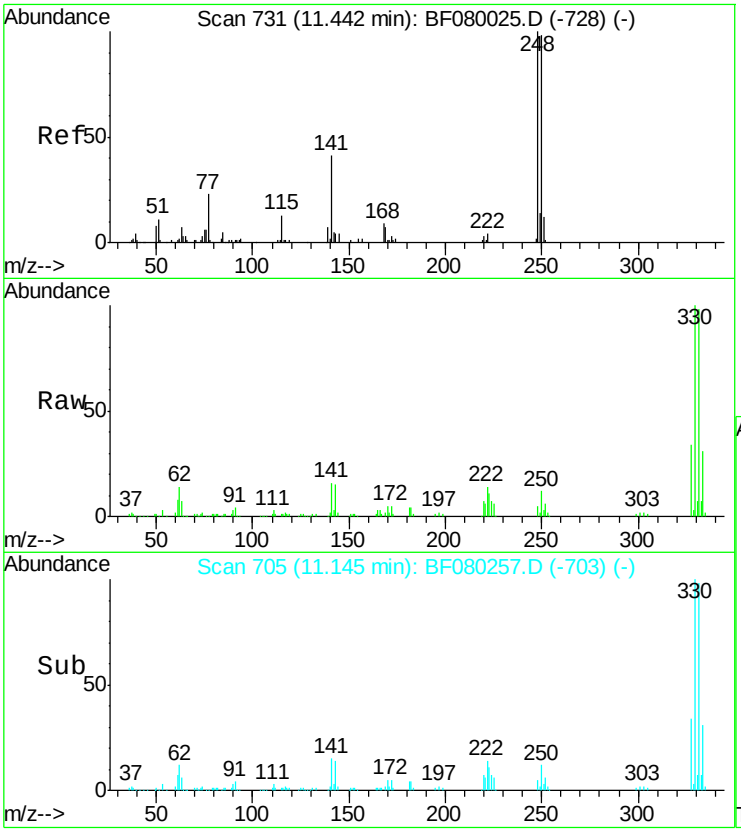


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.85 min Scan# 767
Delta R.T. -0.06 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:188 Resp: 138046

Ion	Ratio	Lower	Upper
188	100		
94	7.2	11.1	16.7#
80	7.6	11.0	16.4#



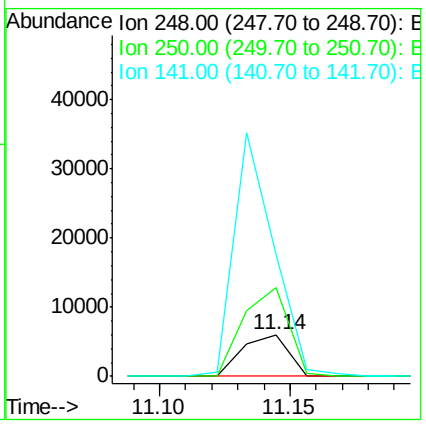


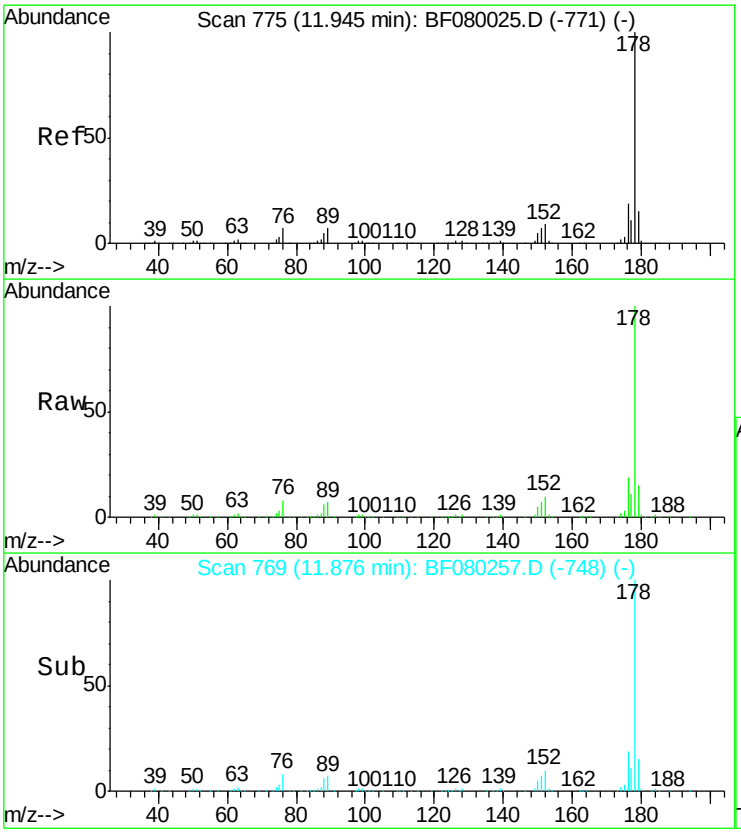
#66
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 11.14 min Scan# 705
Delta R.T. -0.27 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:248 Resp: 7334

Ion	Ratio	Lower	Upper
248	100		
250	214.9	78.5	117.7#
141	294.2	59.0	88.6#

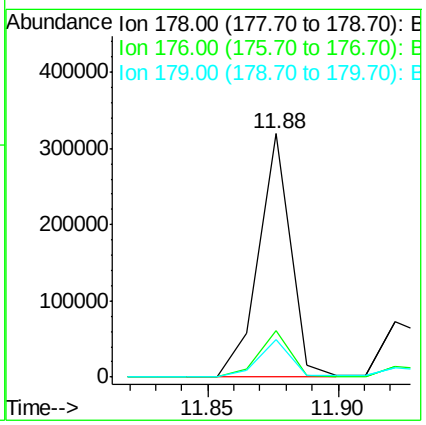


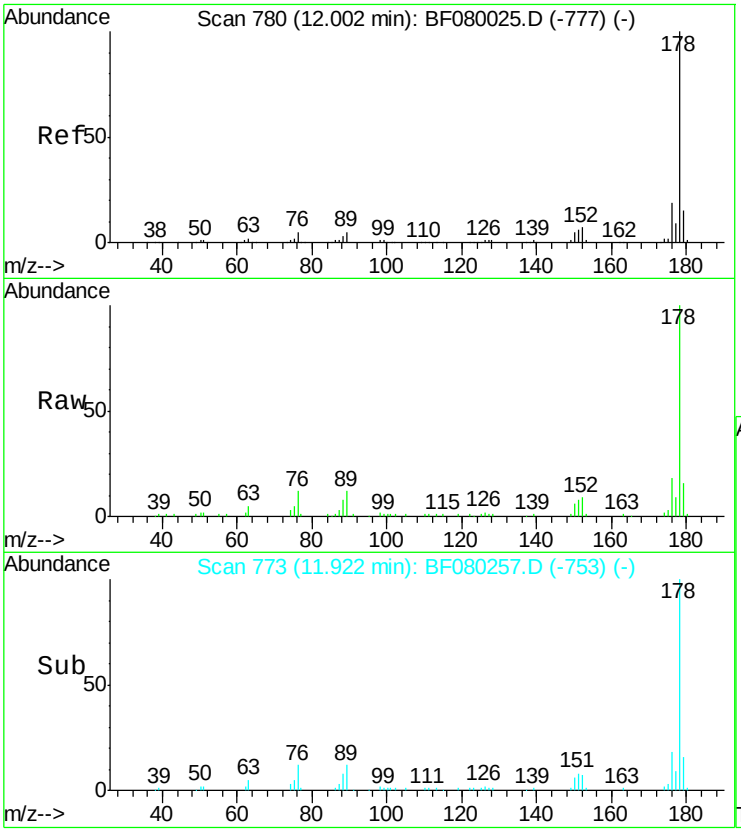


#70
Phenanthrene
Concen: 32.36 ng
RT: 11.88 min Scan# 769
Delta R.T. -0.06 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:178 Resp: 270472

Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	15.4	12.2	18.2



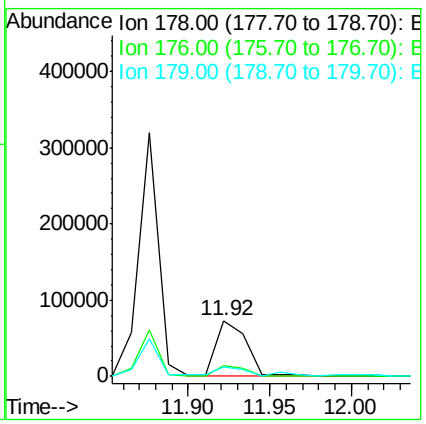


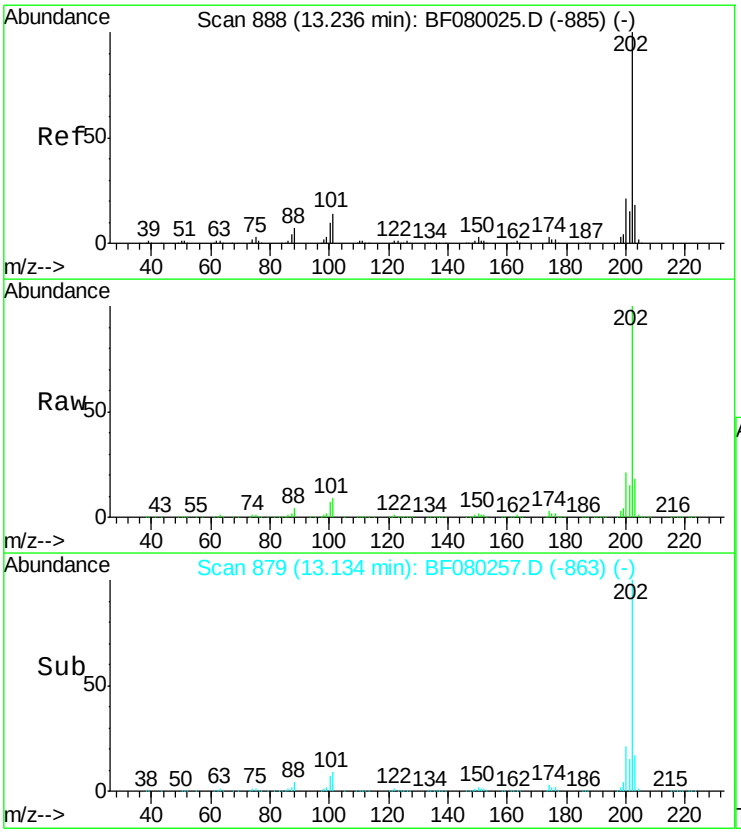
#71
Anthracene
Concen: 11.52 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.07 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:178 Resp: 92678

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.1	21.1
179	15.7	12.2	18.2

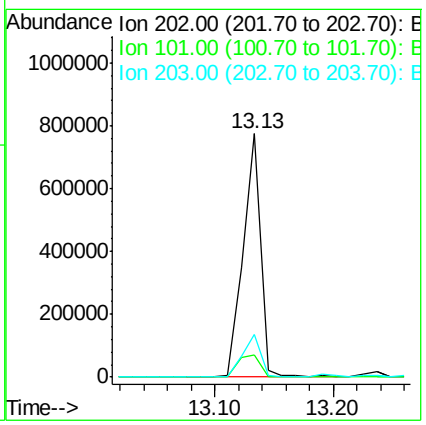


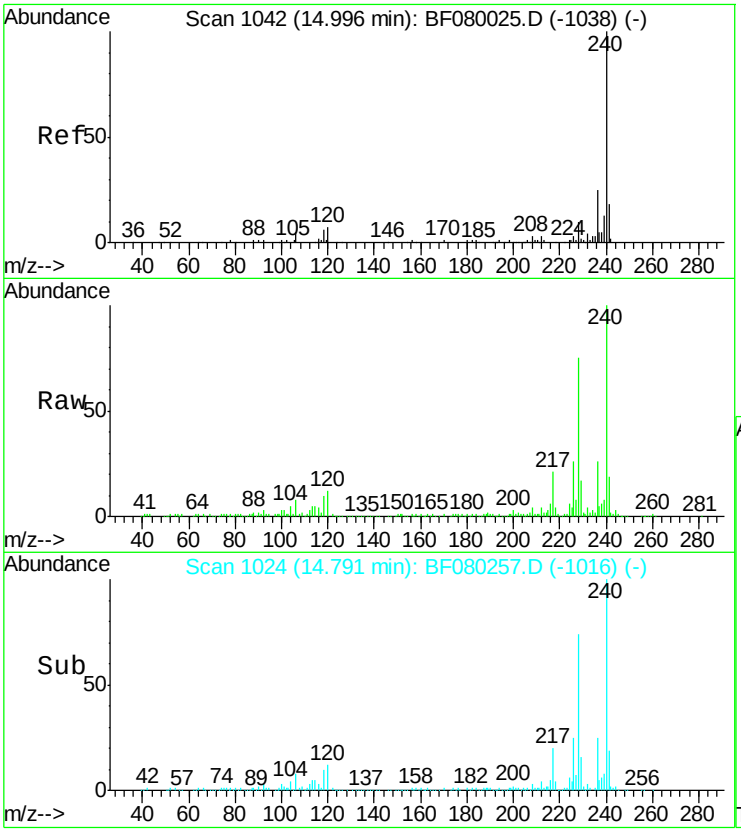


#74
Fluoranthene
Concen: 90.01 ng
RT: 13.13 min Scan# 879
Delta R.T. -0.11 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:202 Resp: 801211

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	38.3
203	17.8	0.0	37.3



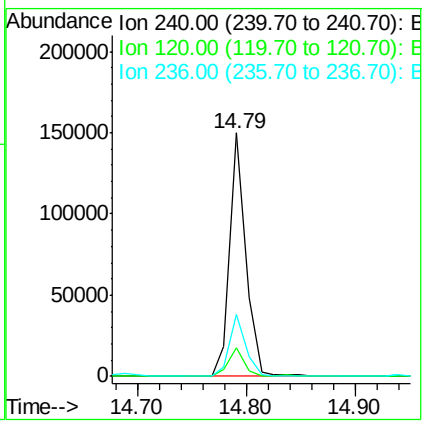


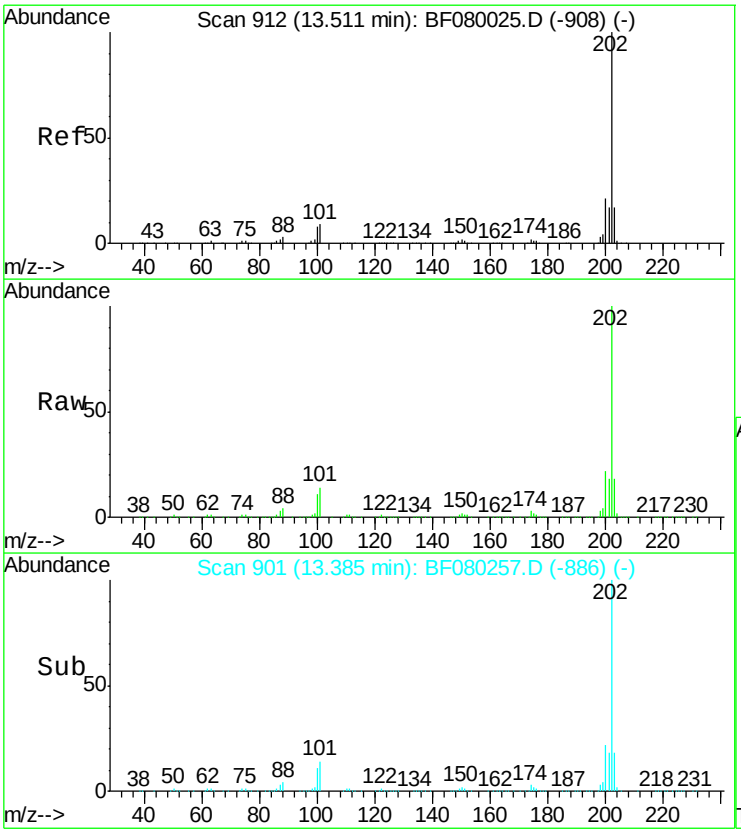
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.79 min Scan# 1024
Delta R.T. -0.21 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:240 Resp: 154289

Ion	Ratio	Lower	Upper
240	100		
120	11.6	16.2	24.2#
236	25.6	18.4	27.6

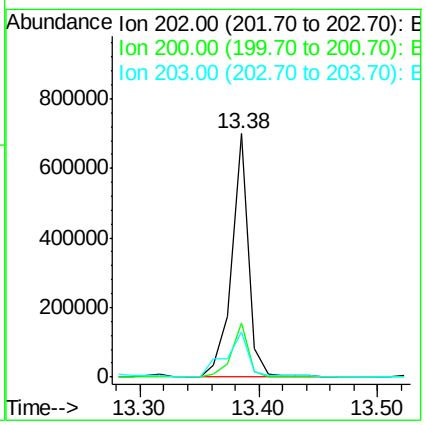


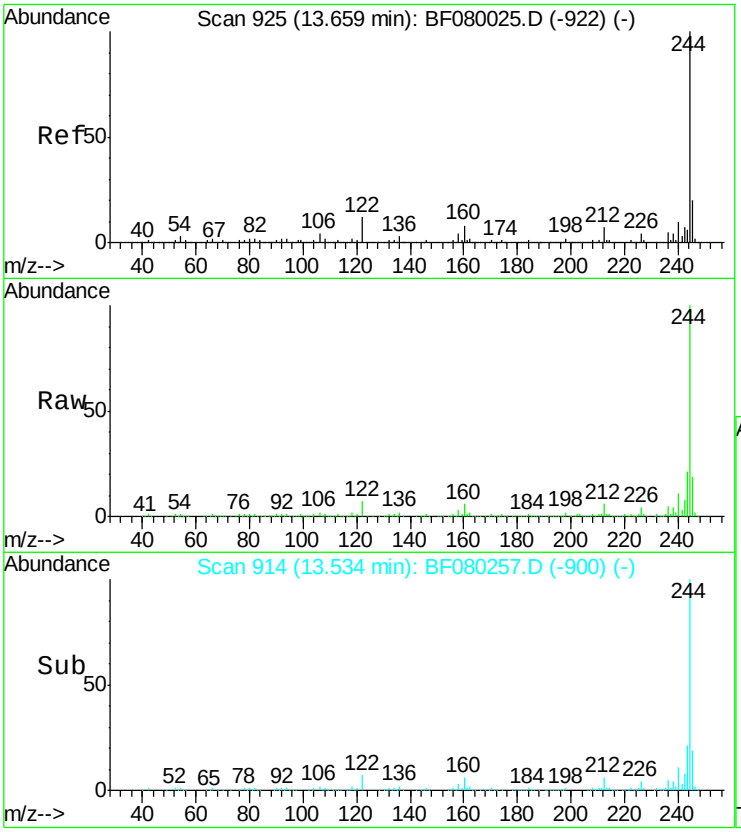


#77
Pyrene
Concen: 72.46 ng
RT: 13.38 min Scan# 901
Delta R.T. -0.13 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:202 Resp: 688331

Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	18.4	14.1	21.1



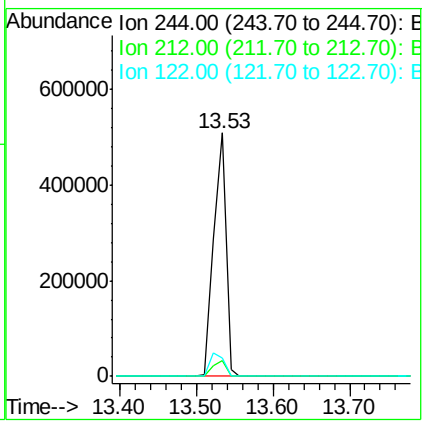


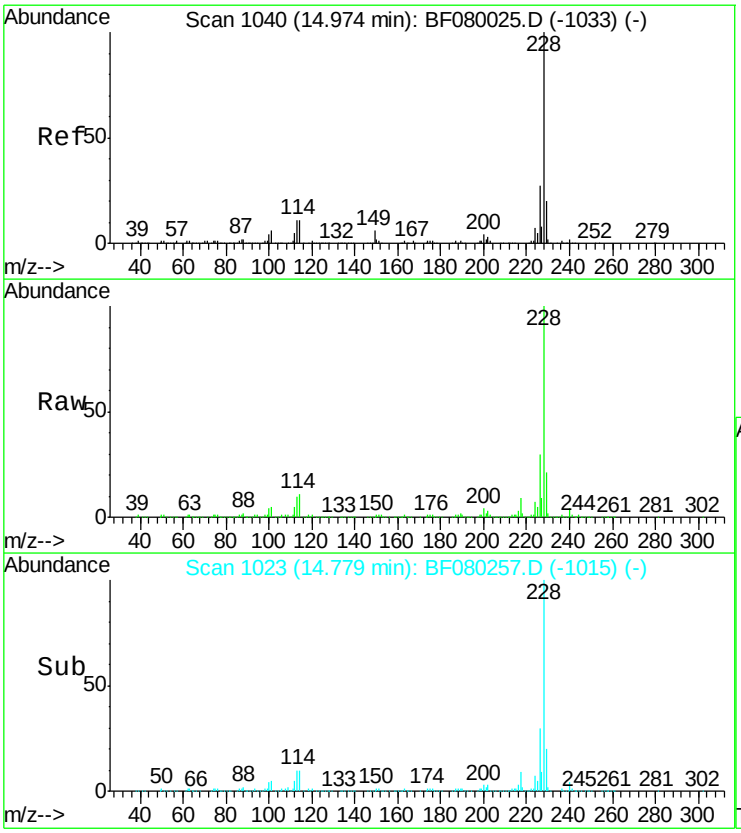
#78
Terphenyl-d14
Concen: 85.31 ng
RT: 13.53 min Scan# 914
Delta R.T. -0.14 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:244 Resp: 563560

Ion	Ratio	Lower	Upper
244	100		
212	6.4	4.3	6.5
122	7.4	17.4	26.2#

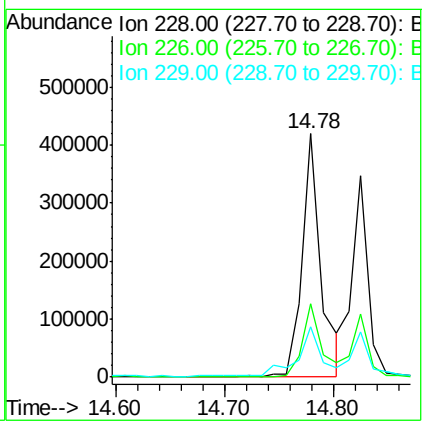


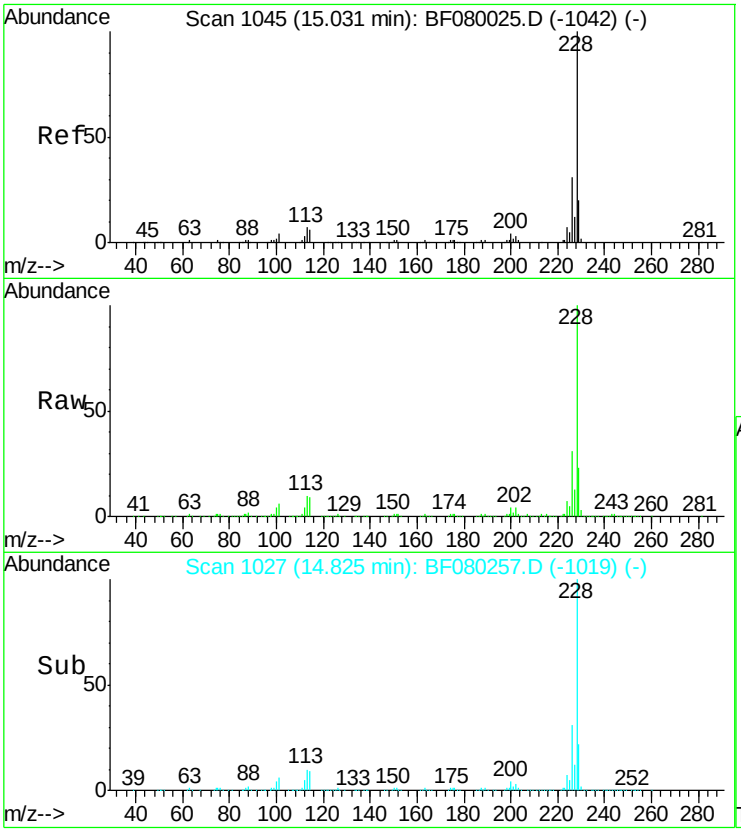


#80
Benzo(a)anthracene
Concen: 54.41 ng
RT: 14.78 min Scan# 1023
Delta R.T. -0.21 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:228 Resp: 511465

Ion	Ratio	Lower	Upper
228	100		
226	30.0	20.0	30.0
229	20.6	15.4	23.2



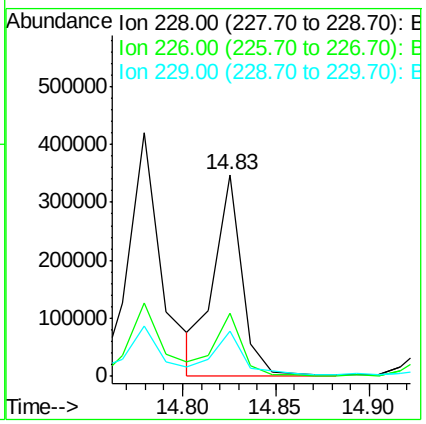


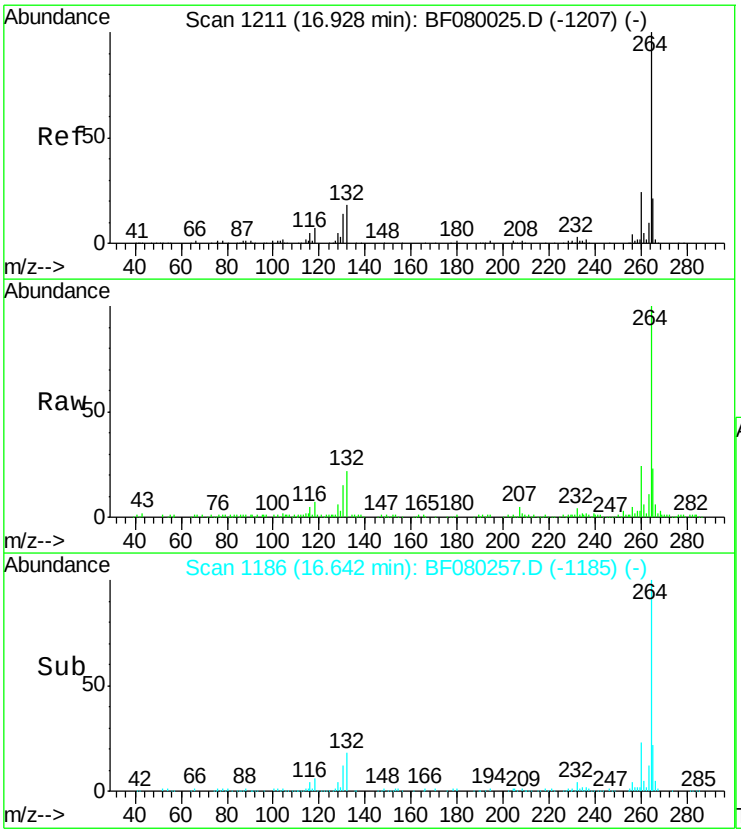
#82
Chrysene
Concen: 41.56 ng
RT: 14.83 min Scan# 1027
Delta R.T. -0.21 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:228 Resp: 360246

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.0	31.4
229	22.5	15.6	23.4

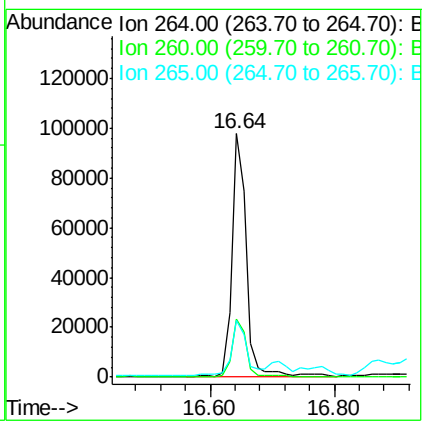


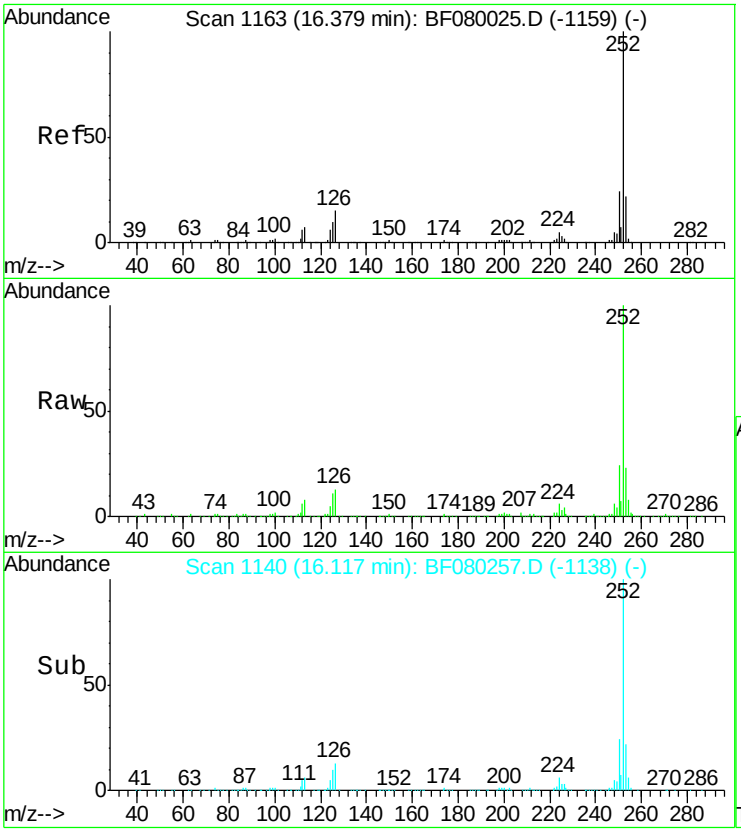


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.64 min Scan# 1186
Delta R.T. -0.29 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:264 Resp: 158780

Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	23.4	17.2	25.8



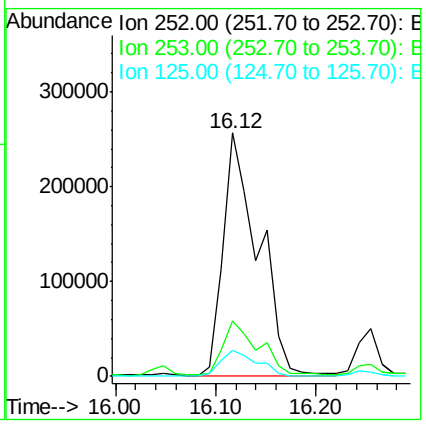


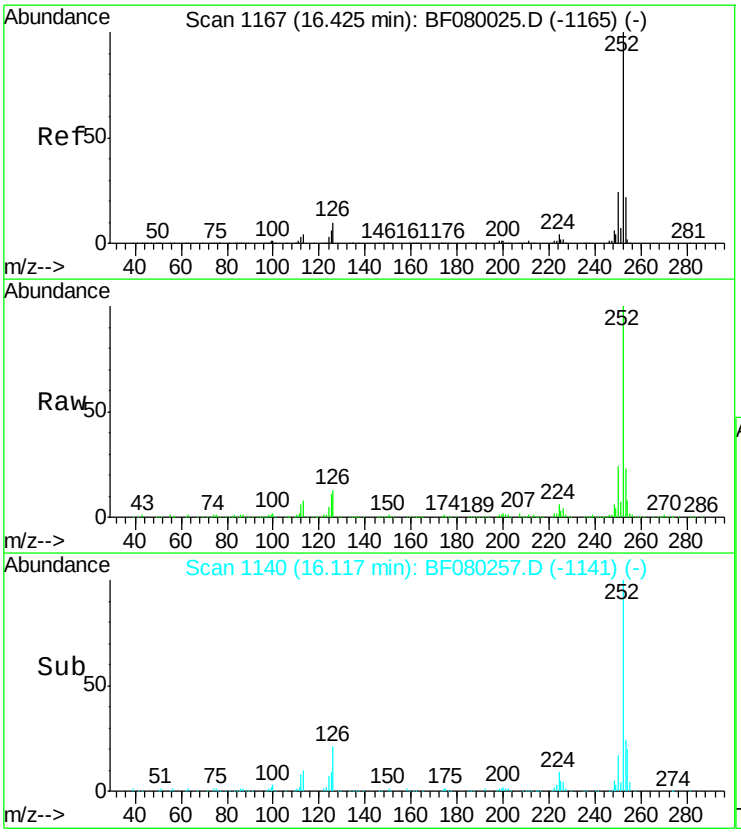
#87
Benzo(b)fluoranthene
Concen: 64.52 ng
RT: 16.12 min Scan# 1140
Delta R.T. -0.27 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:252 Resp: 620242

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.7	17.1	25.7#

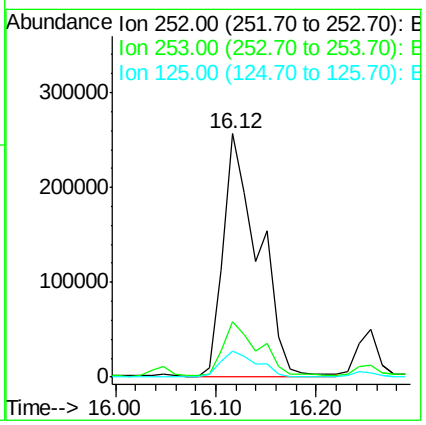


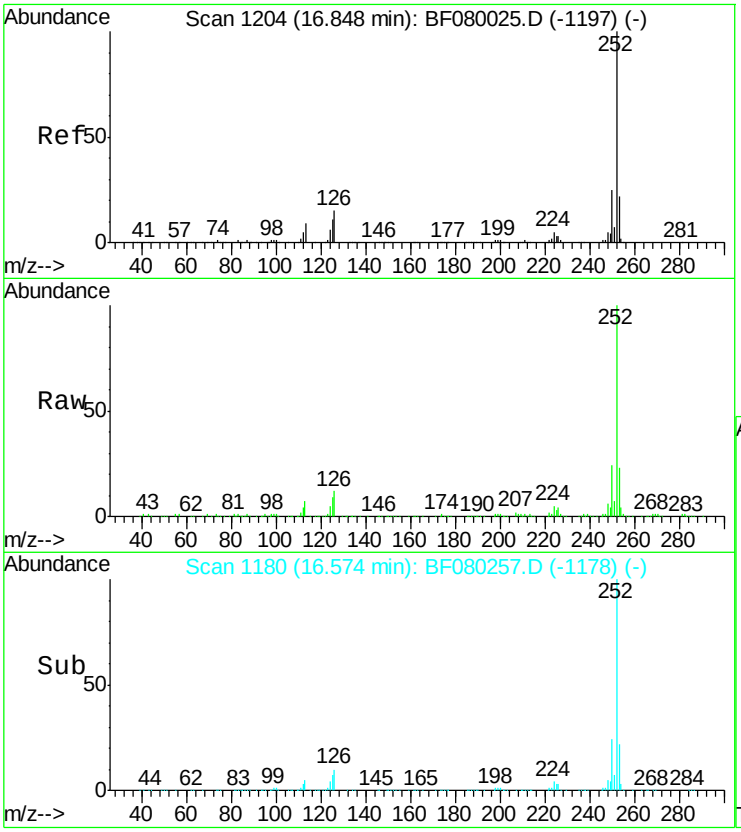


#88
Benzo(k)fluoranthene
Concen: 63.36 ng
RT: 16.12 min Scan# 1140
Delta R.T. -0.31 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:252 Resp: 620242

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.4
125	10.7	16.0	24.0#



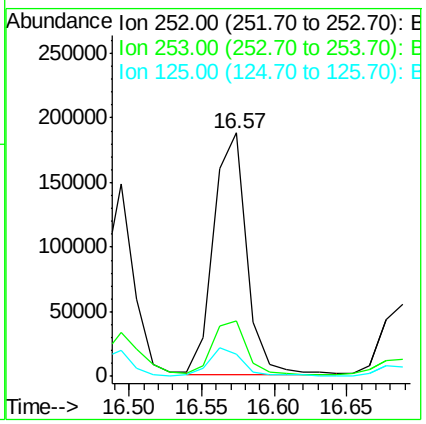


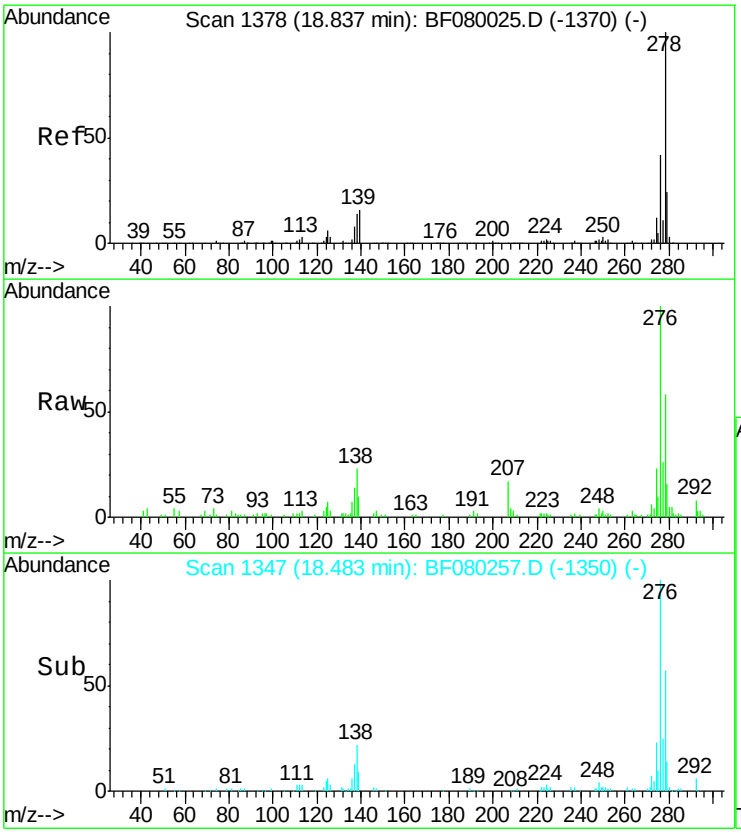
#89
Benzo(a)pyrene
Concen: 32.59 ng
RT: 16.57 min Scan# 1180
Delta R.T. -0.27 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:252 Resp: 297536

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	8.9	18.0	27.0#

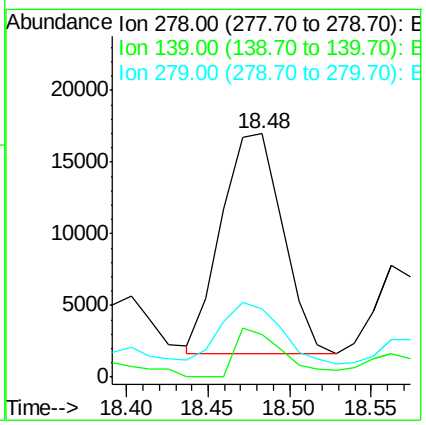


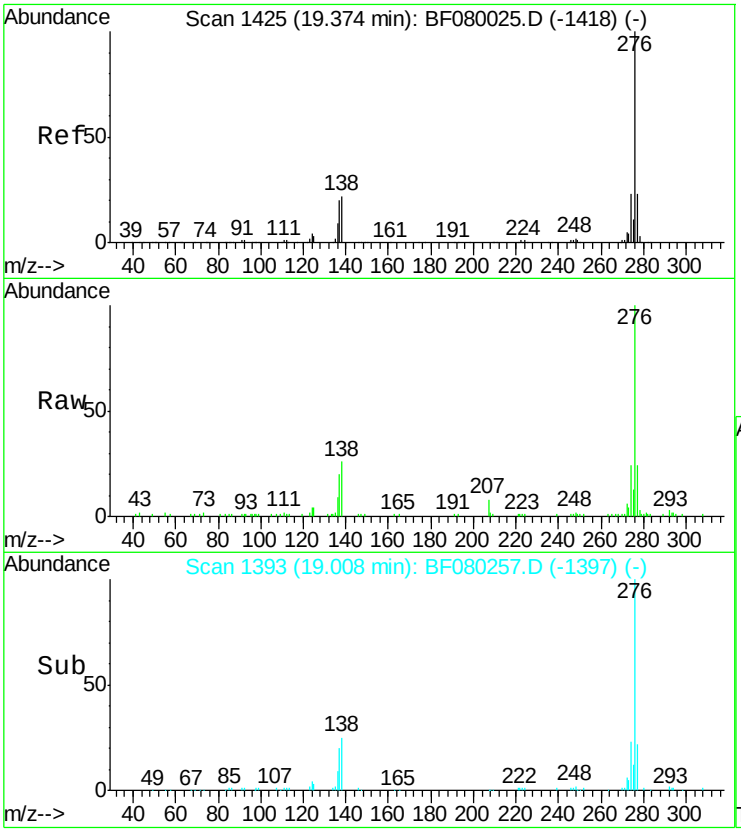


#90
Dibenzo(a,h)anthracene
Concen: 4.29 ng
RT: 18.48 min Scan# 1347
Delta R.T. -0.33 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Tgt Ion:278 Resp: 40132

Ion	Ratio	Lower	Upper
278	100		
139	17.3	26.3	39.5#
279	28.2	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 16.47 ng
RT: 19.01 min Scan# 1393
Delta R.T. -0.34 min
Lab File: BF080257.D
Acq: 1 Jul 2015 3:12

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:276 Resp: 155415

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.8	26.6
138	25.5	34.6	51.8#