Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Time: Jun 25 05:31:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 00:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	32922	20.00	ng		0.00
21) Naphthalene-d8	8.61	136	132795	20.00	ng		0.00
38) Acenaphthene-d10	10.38	164	70092	20.00	ng		0.00
63) Phenanthrene-d10	11.88	188	130361	20.00	ng		-0.01
75) Chrysene-d12	14.80	240	147233	20.00	ng		-0.13
86) Perylene-d12	16.65	264	149227	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.92	112	193273	103.92	ng		0.00
7) Phenol-d6	6.92	99	271141	109.56	ng		0.00
23) Nitrobenzene-d5	7.86	82	147311	64.58	ng		-0.01
41) 2,4,6-Tribromophenol	11.17	330	65163	95.07	ng		0.00
44) 2-Fluorobiphenyl	9.68	172	297451	60.52	ng		0.00
78) Terphenyl-d14	13.54	244	320635	50.86	ng		-0.07
Target Compounds							Qvalue
31) Naphthalene	8.63	128	71803	10.34	ng		99
32) Benzoic acid	8.28	122	6644	5.35	ng	#	73
37) 2-Methylnaphthalene	9.33	142	21523	4.79	ng	#	94
49) Dimethylphthalate	10.07	163	44678	8.48	ng	#	98
70) Phenanthrene	11.91	178	72157	9.14	ng		99
71) Anthracene	11.96	178	27268	3.59	ng		99
74) Fluoranthene	13.16	202	111880	13.31	ng		87
77) Pyrene	13.41	202	120968	13.34	ng		97
80) Benzo(a)anthracene	14.79	228	82608m	9.21	ng		
82) Chrysene	14.84	228	60378	7.30	ng		94
85) Indeno(1,2,3-cd)pyrene	18.49	276	45888	4.40	ng	#	89
87) Benzo(b)fluoranthene	16.13	252	66024m	7.31	ng		
88) Benzo(k)fluoranthene	16.15	252	32578m	3.54	ng		
89) Benzo(a)pyrene	16.57	252	57008m	6.64	ng		
90) Dibenzo(a,h)anthracene	18.52	278	23452m	2.67	ng		
91) Benzo(g,h,i)perylene	19.05	276	42554	4.80	ng	#	77

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

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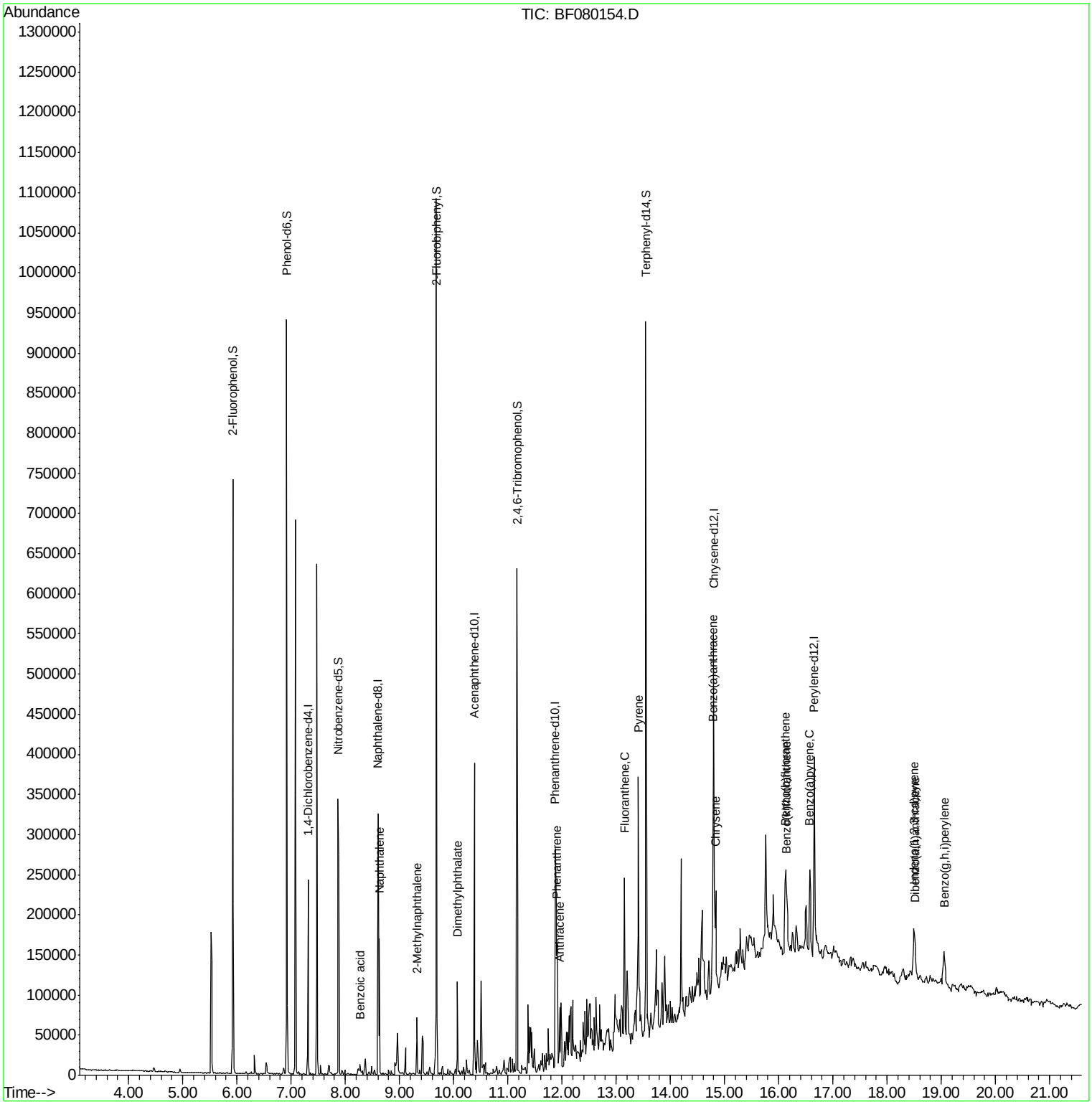
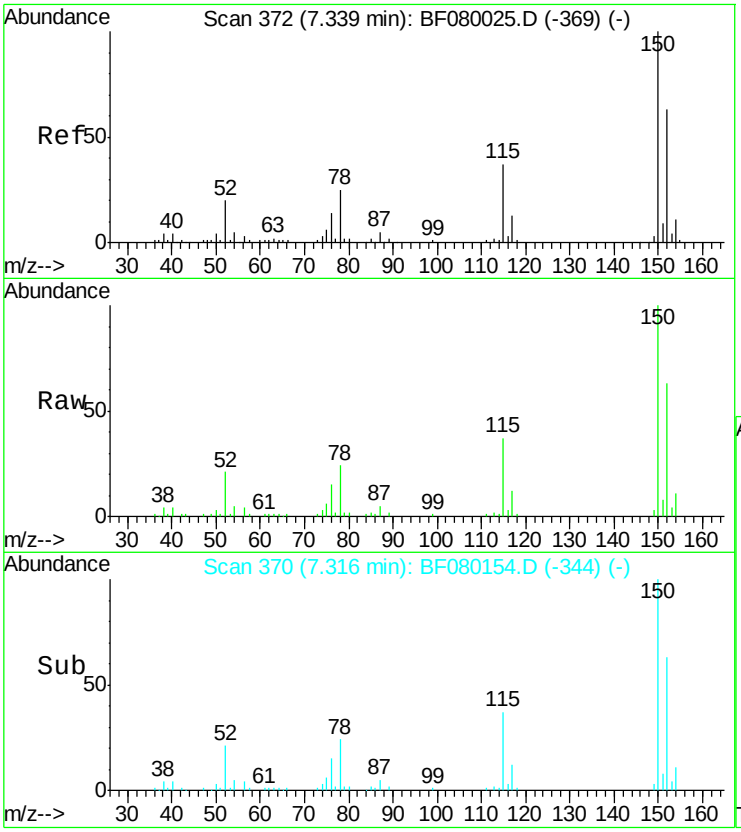


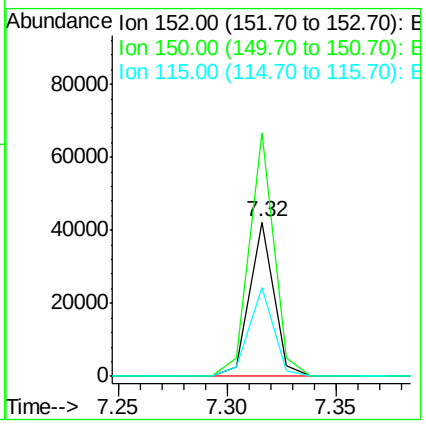


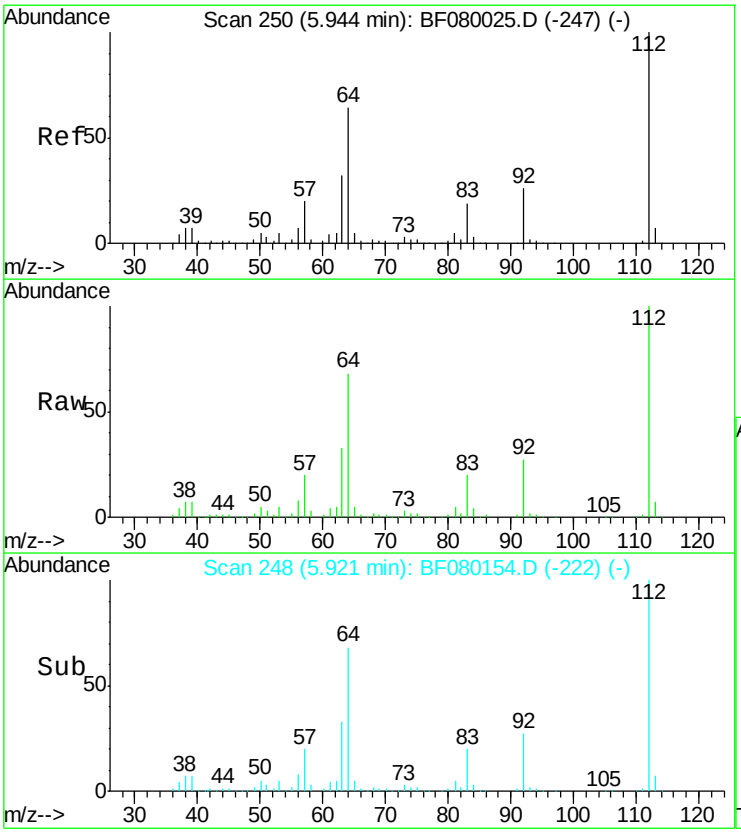
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 370
Delta R.T. -0.00 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:152 Resp: 32922

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.7	187.1
115	57.9	39.0	58.4

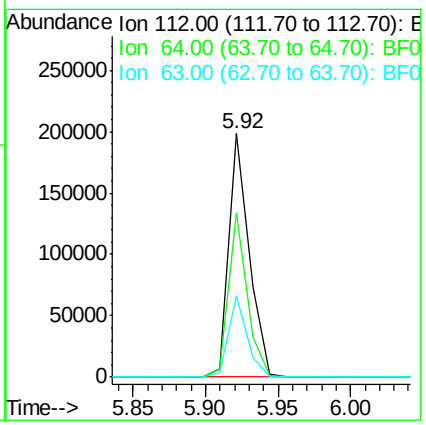


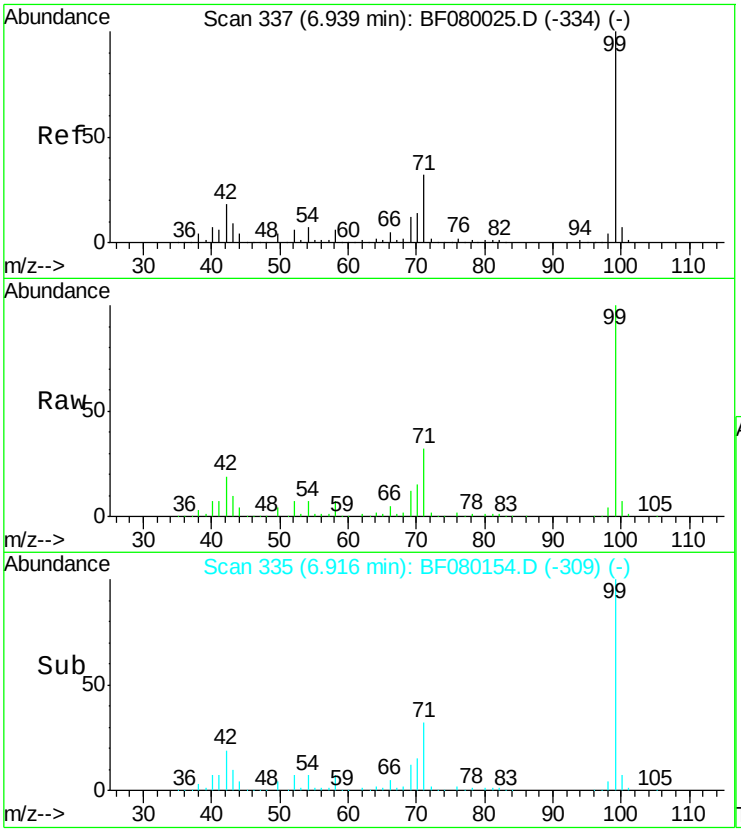


#5
2-Fluorophenol
Concen: 103.92 ng
RT: 5.92 min Scan# 248
Delta R.T. -0.00 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:112 Resp: 193273

Ion	Ratio	Lower	Upper
112	100		
64	67.5	39.7	59.5#
63	33.4	17.4	26.0#



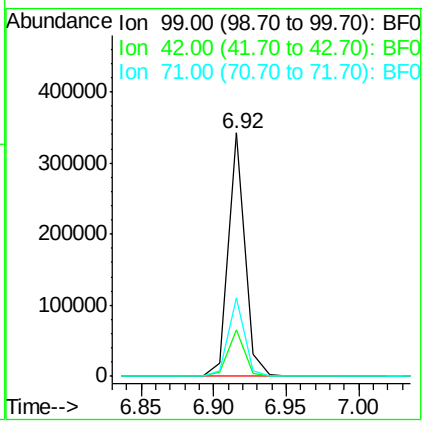


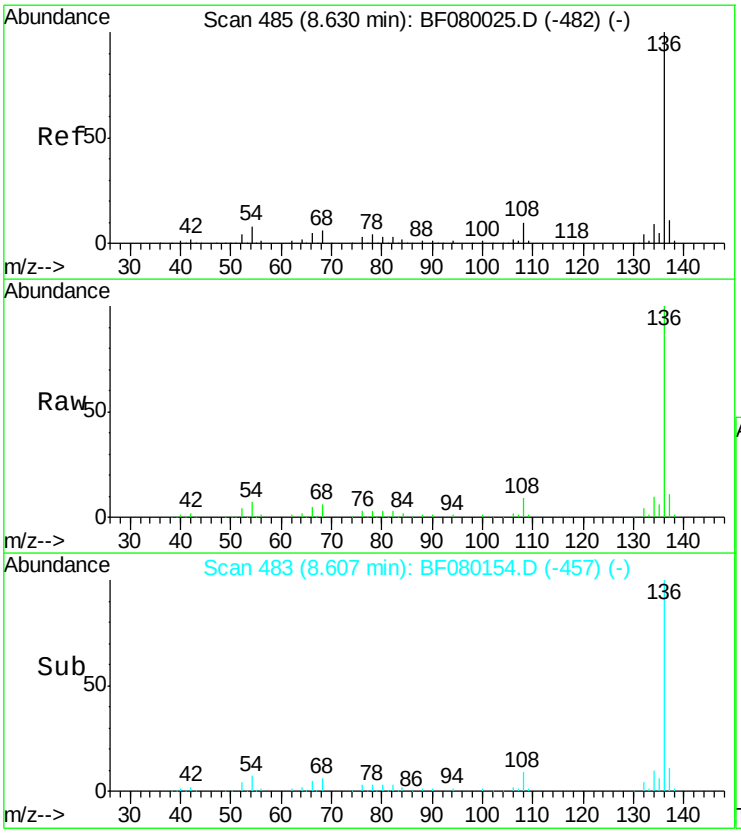
#7
Phenol-d6
Concen: 109.56 ng
RT: 6.92 min Scan# 335
Delta R.T. -0.00 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion: 99 Resp: 271141

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.7	20.5
71	32.3	14.2	21.2#

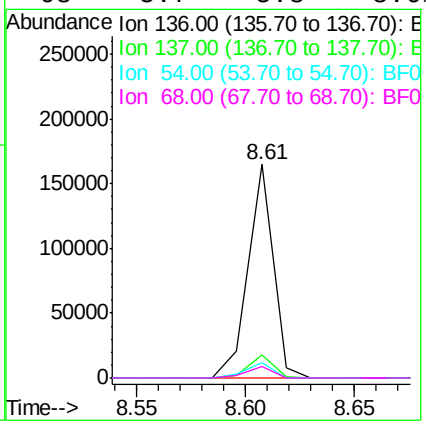


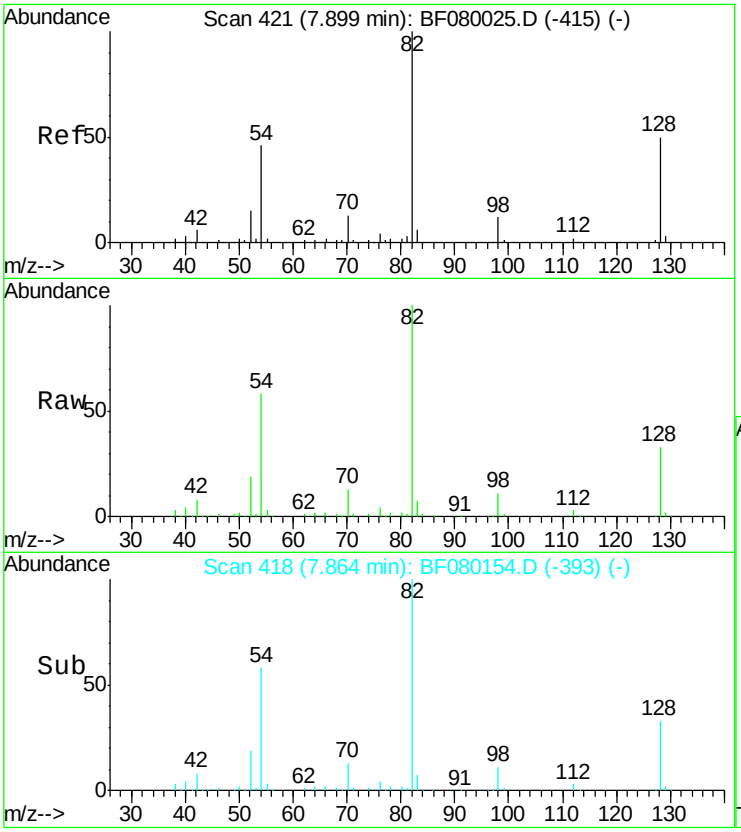


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:136 Resp: 132795

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	7.4	8.2	12.2#
68	5.7	5.8	8.6#



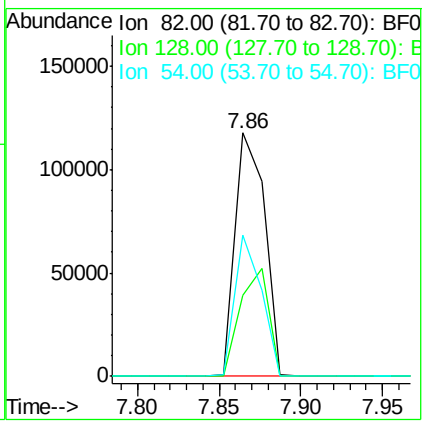


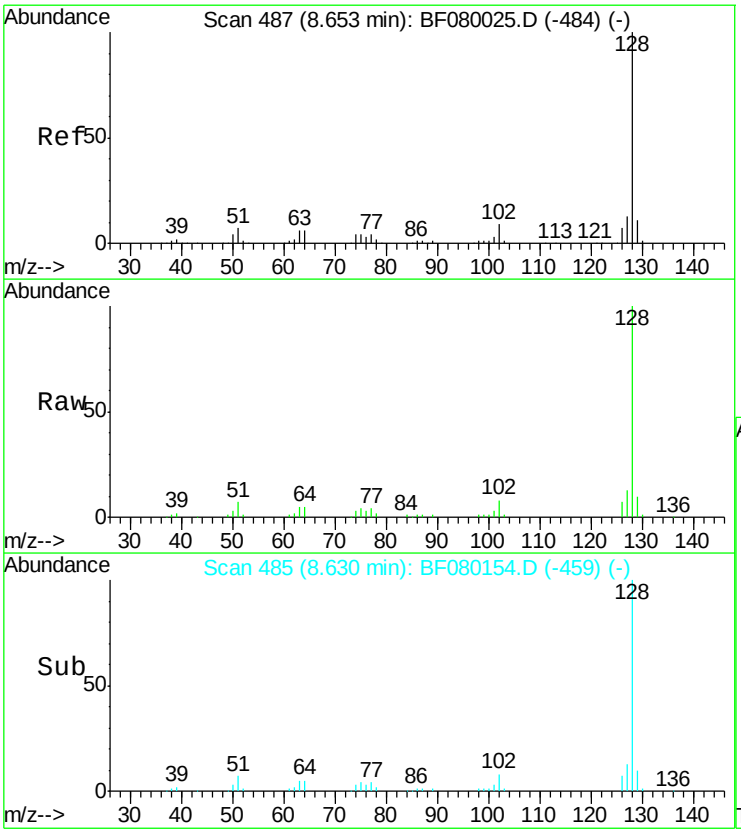
#23
Nitrobenzene-d5
Concen: 64.58 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion: 82 Resp: 147311

Ion	Ratio	Lower	Upper
82	100		
128	33.1	51.0	76.6#
54	58.1	47.5	71.3

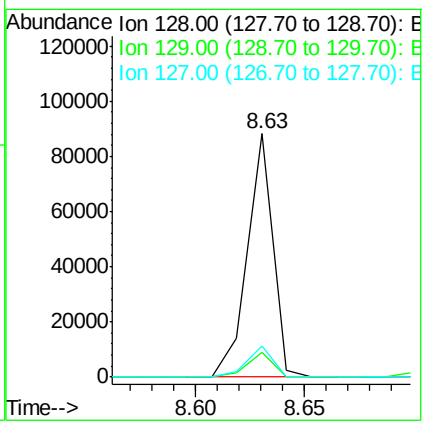


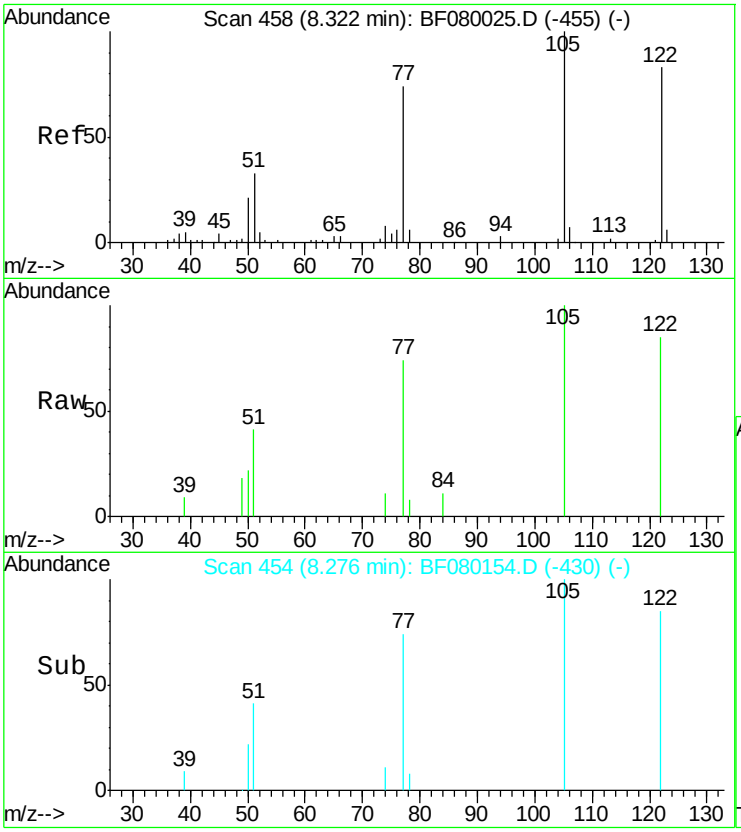


#31
Naphthalene
Concen: 10.34 ng
RT: 8.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:128 Resp: 71803

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.4	12.6
127	12.6	9.9	14.9



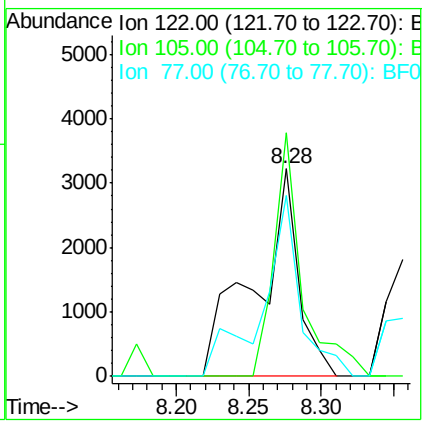


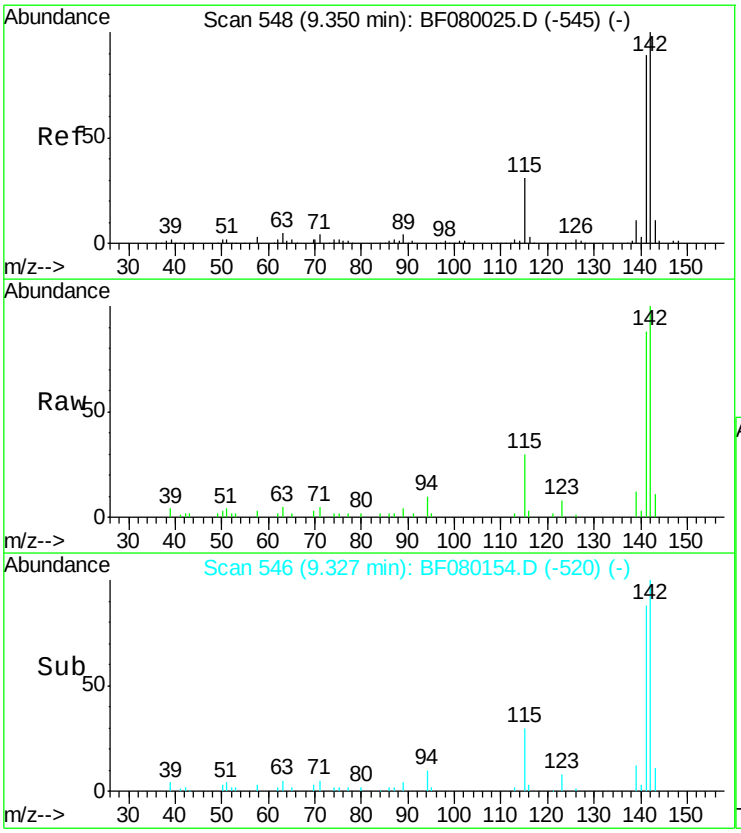
#32
Benzoic acid
Concen: 5.35 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:122 Resp: 6644

Ion	Ratio	Lower	Upper
122	100		
105	117.5	76.1	116.1#
77	87.1	40.5	80.5#

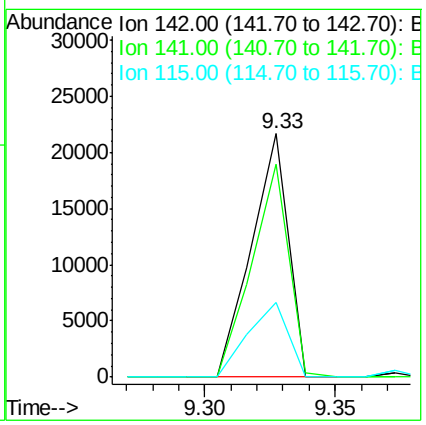


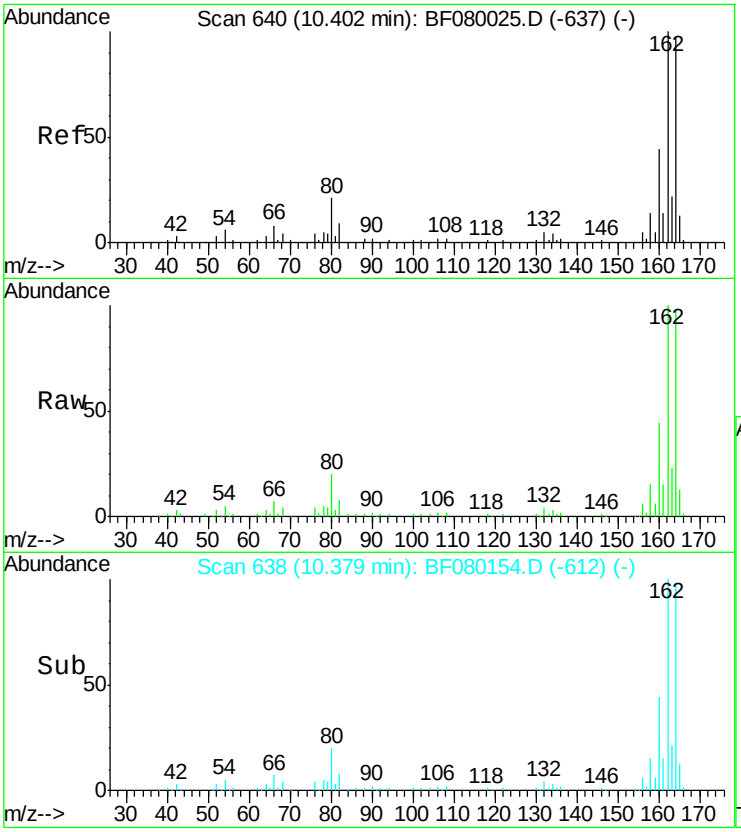


#37
2-Methylnaphthalene
Concen: 4.79 ng
RT: 9.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:142 Resp: 21523

Ion	Ratio	Lower	Upper
142	100		
141	87.6	67.5	101.3
115	30.4	18.2	27.2#



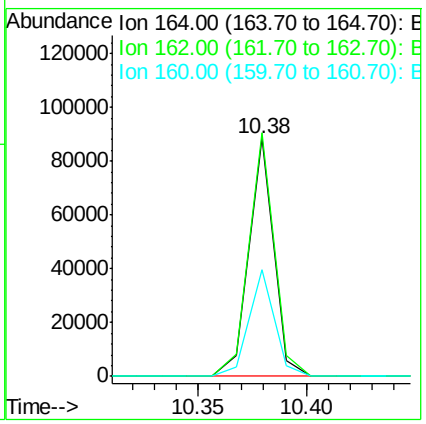


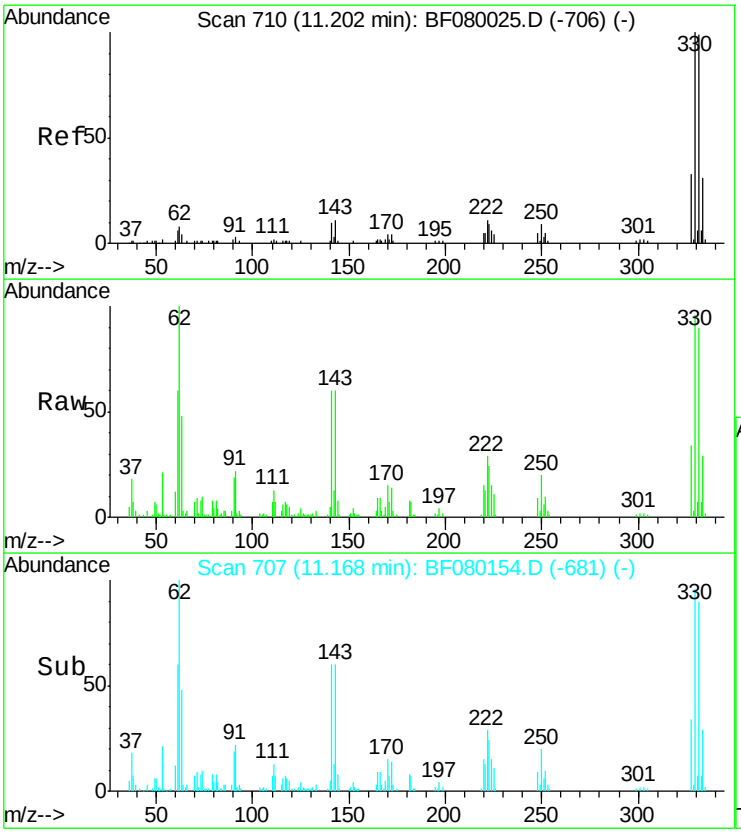
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:164 Resp: 70092

Ion	Ratio	Lower	Upper
164	100		
162	102.2	75.2	112.8
160	44.9	31.5	47.3

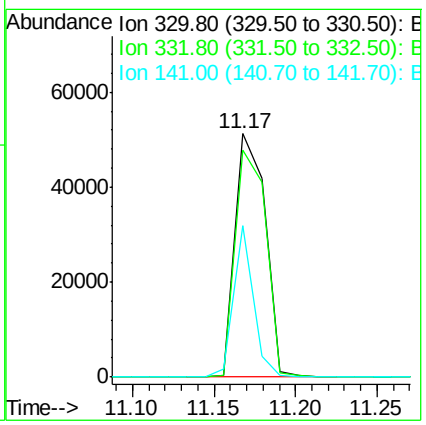


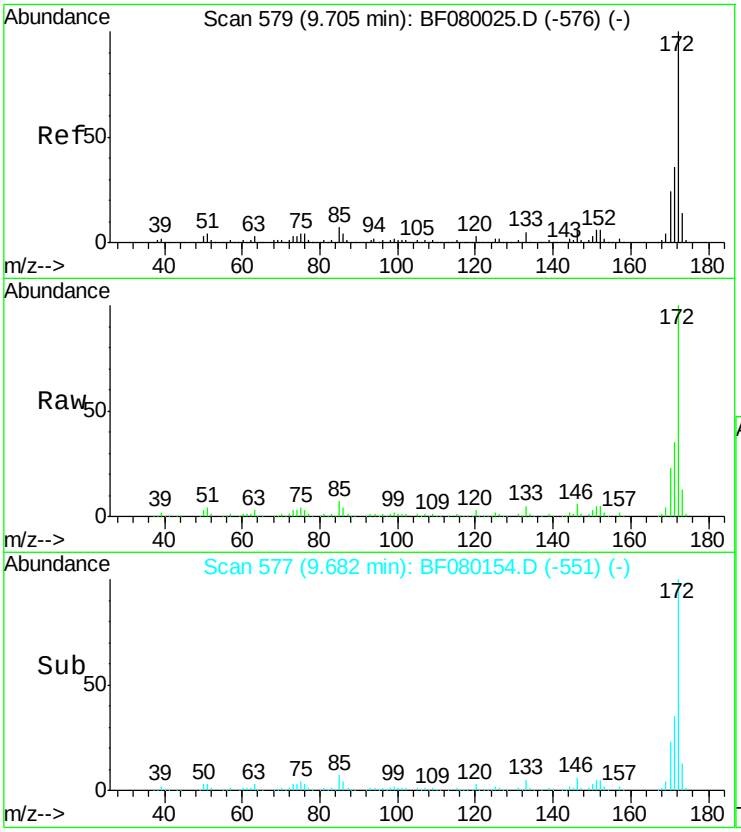


#41
2,4,6-Tribromophenol
Concen: 95.07 ng
RT: 11.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:330 Resp: 65163

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	40.2	29.7	44.5



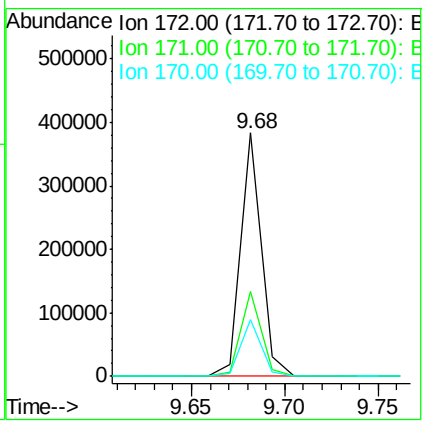


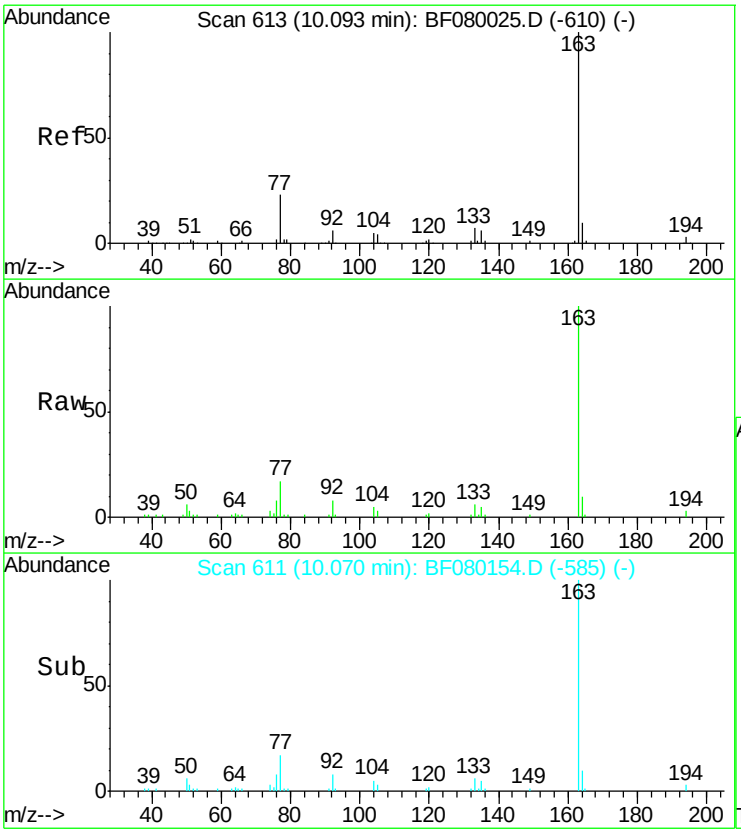
#44
2-Fluorobiphenyl
Concen: 60.52 ng
RT: 9.68 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:172 Resp: 297451

Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.1	39.1
170	23.3	17.4	26.2

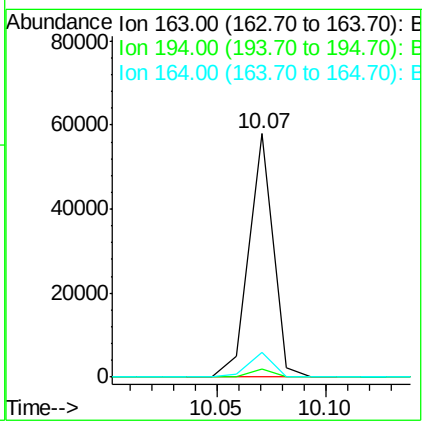


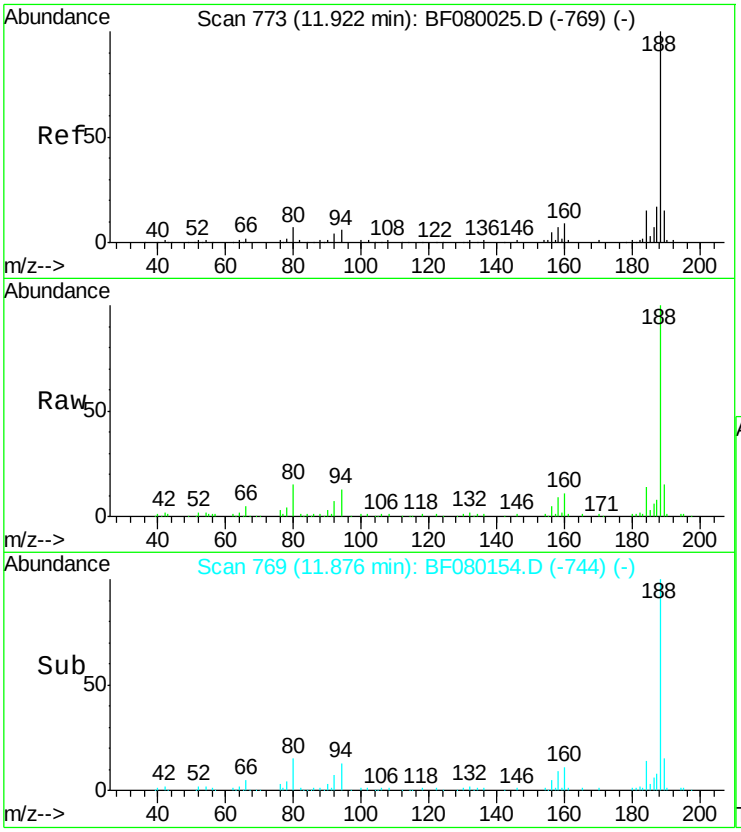


#49
Dimethylphthalate
Concen: 8.48 ng
RT: 10.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:163 Resp: 44678

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	10.3	8.3	12.5



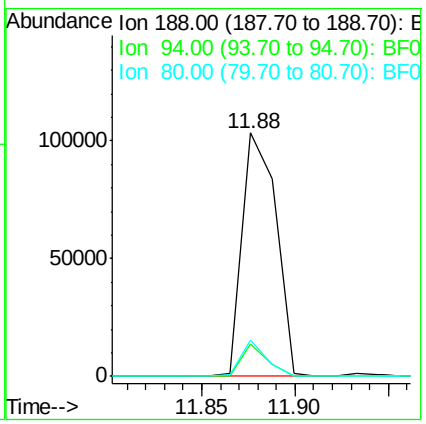


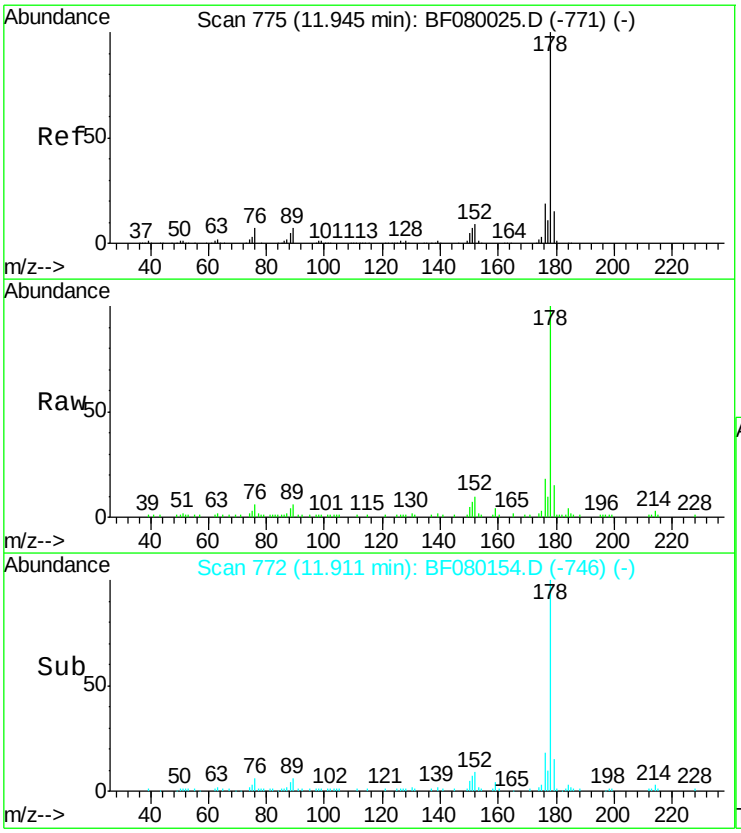
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:188 Resp: 130361

Ion	Ratio	Lower	Upper
188	100		
94	13.1	11.1	16.7
80	14.7	11.0	16.4

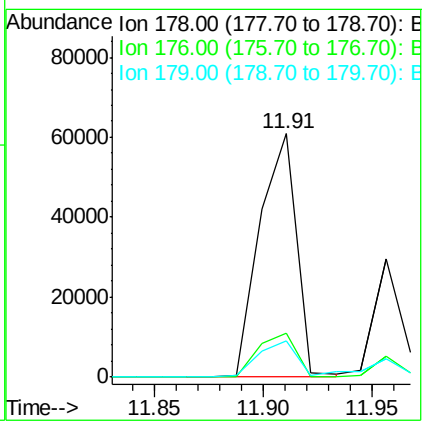


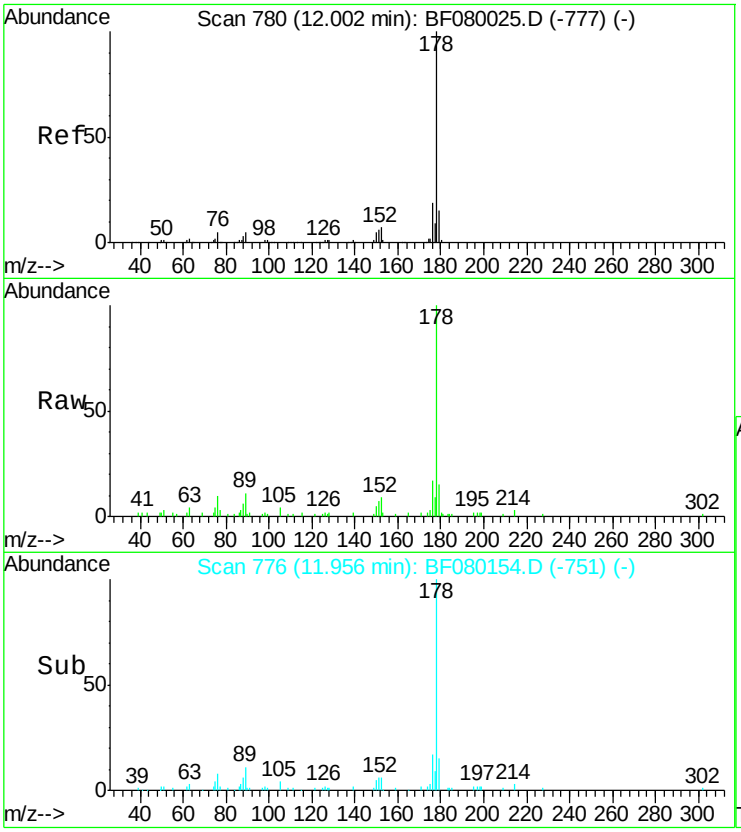


#70
Phenanthrene
Concen: 9.14 ng
RT: 11.91 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:178 Resp: 72157

Ion	Ratio	Lower	Upper
178	100		
176	18.1	13.8	20.8
179	15.0	12.2	18.2



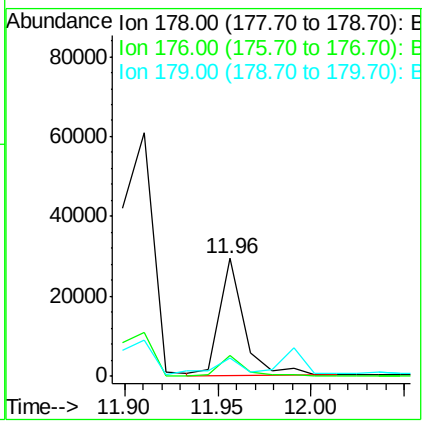


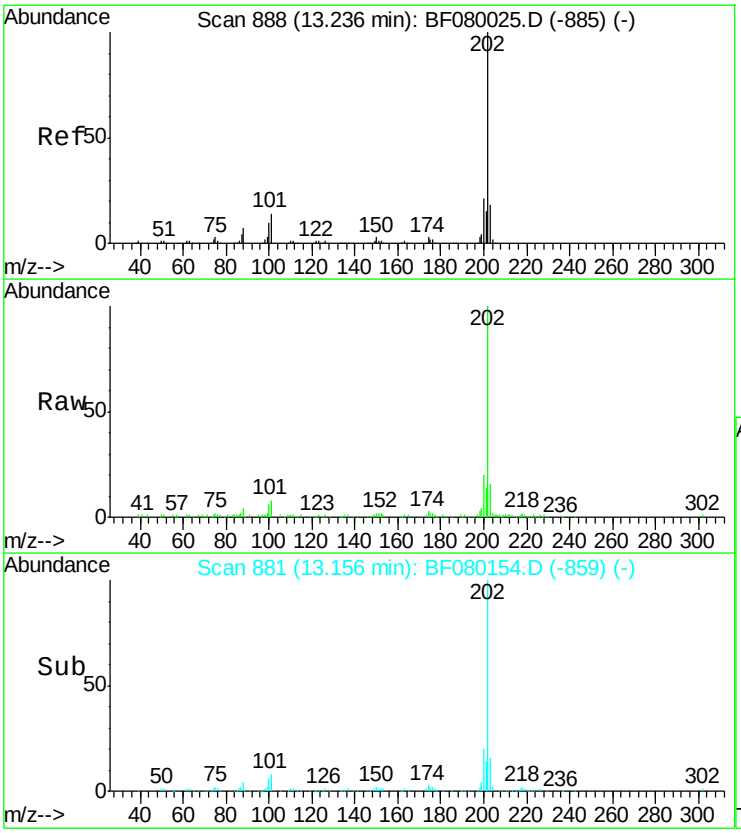
#71
Anthracene
Concen: 3.59 ng
RT: 11.96 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:178 Resp: 27268

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.1	21.1
179	15.4	12.2	18.2

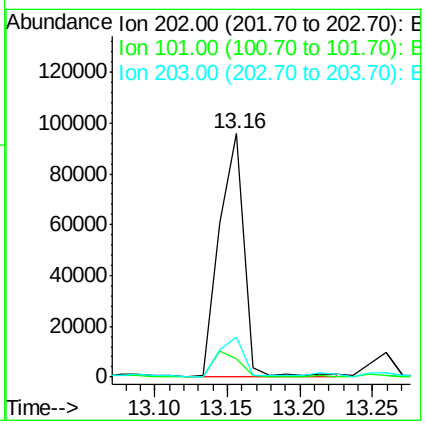


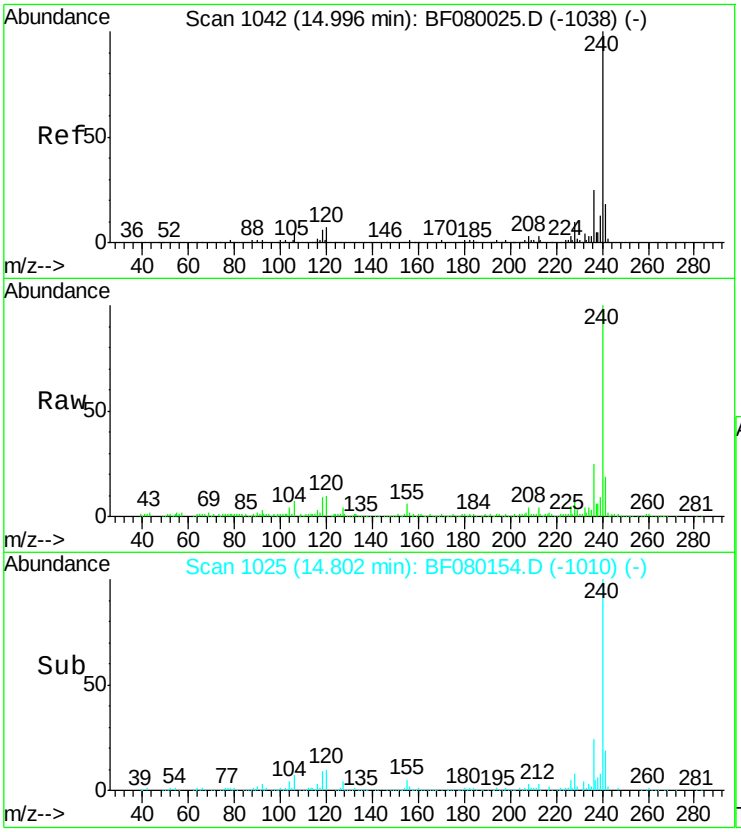


#74
Fluoranthene
Concen: 13.31 ng
RT: 13.16 min Scan# 881
Delta R.T. -0.05 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:202 Resp: 111880

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	38.3
203	16.4	0.0	37.3



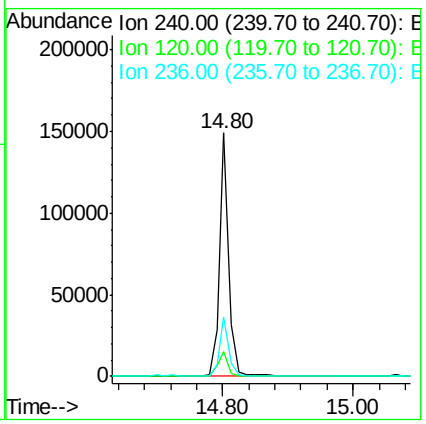


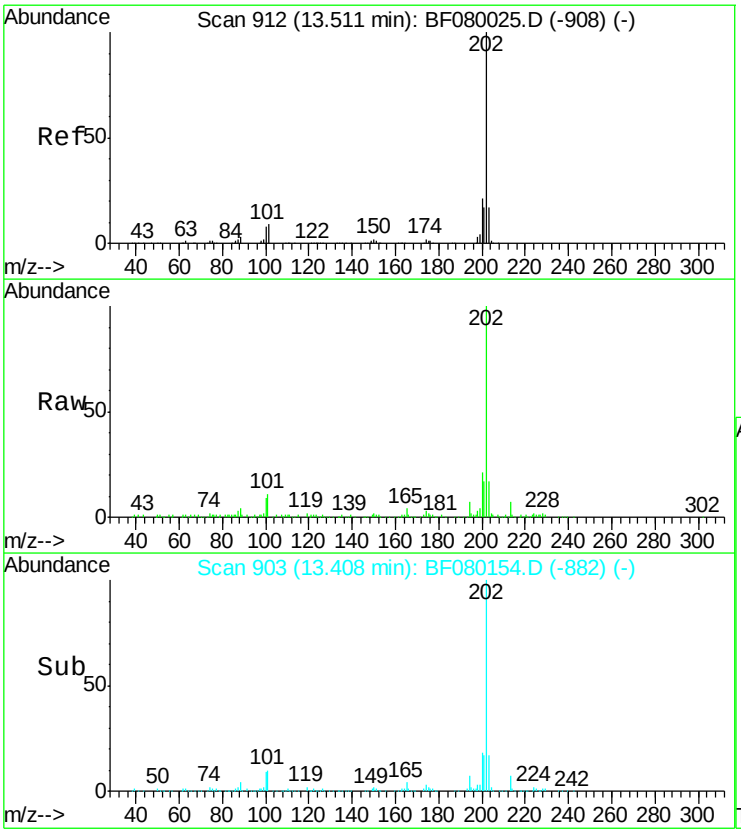
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1025
Delta R.T. -0.13 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:240 Resp: 147233

Ion	Ratio	Lower	Upper
240	100		
120	10.4	16.2	24.2#
236	24.5	18.4	27.6

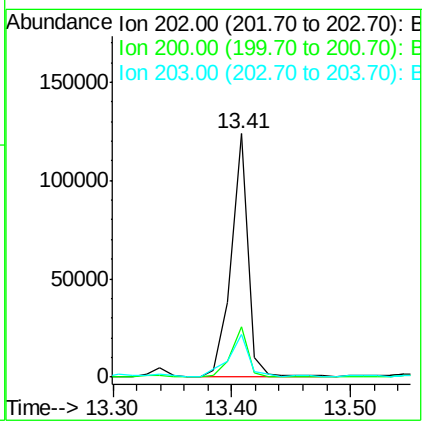


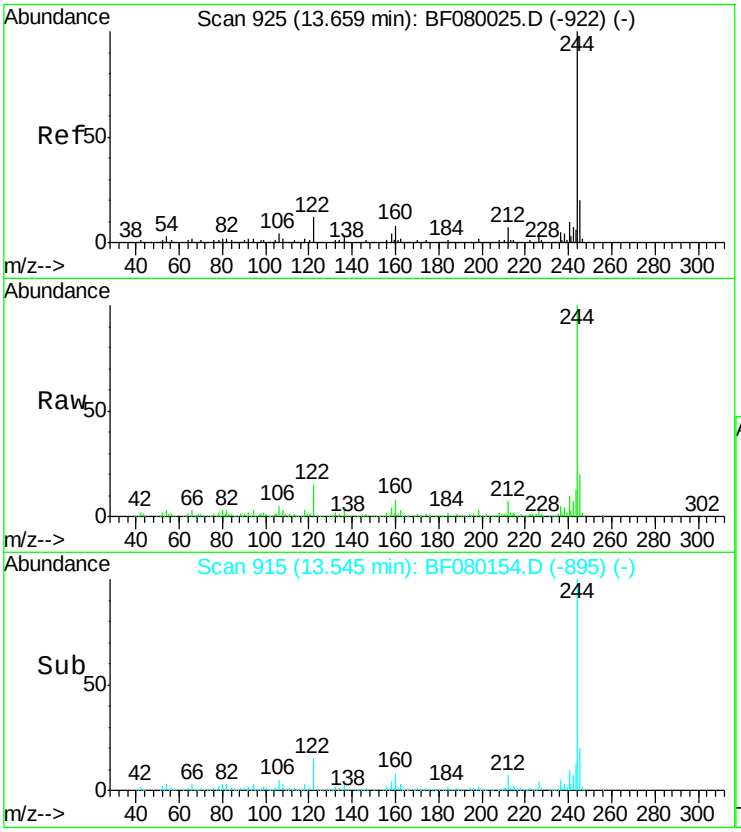


#77
Pyrene
Concen: 13.34 ng
RT: 13.41 min Scan# 903
Delta R.T. -0.06 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:202 Resp: 120968

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



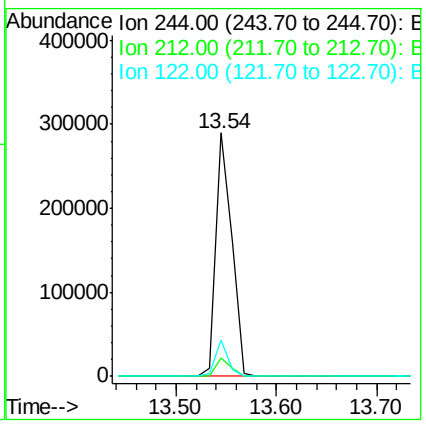


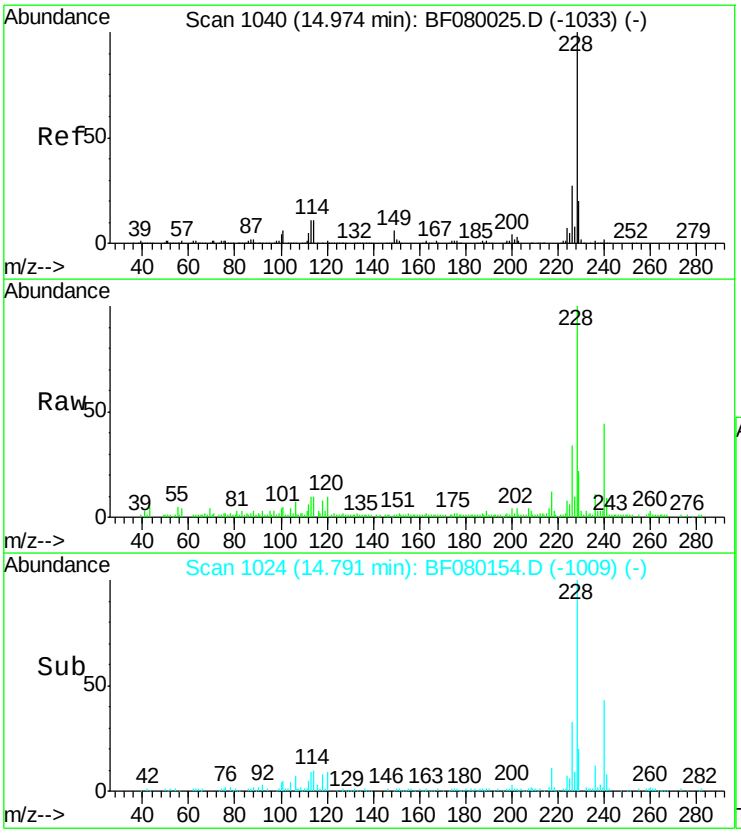
#78
Terphenyl-d14
Concen: 50.86 ng
RT: 13.54 min Scan# 915
Delta R.T. -0.07 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:244 Resp: 320635

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	14.7	17.4	26.2#

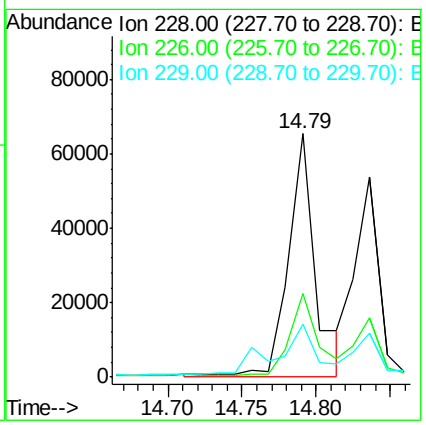


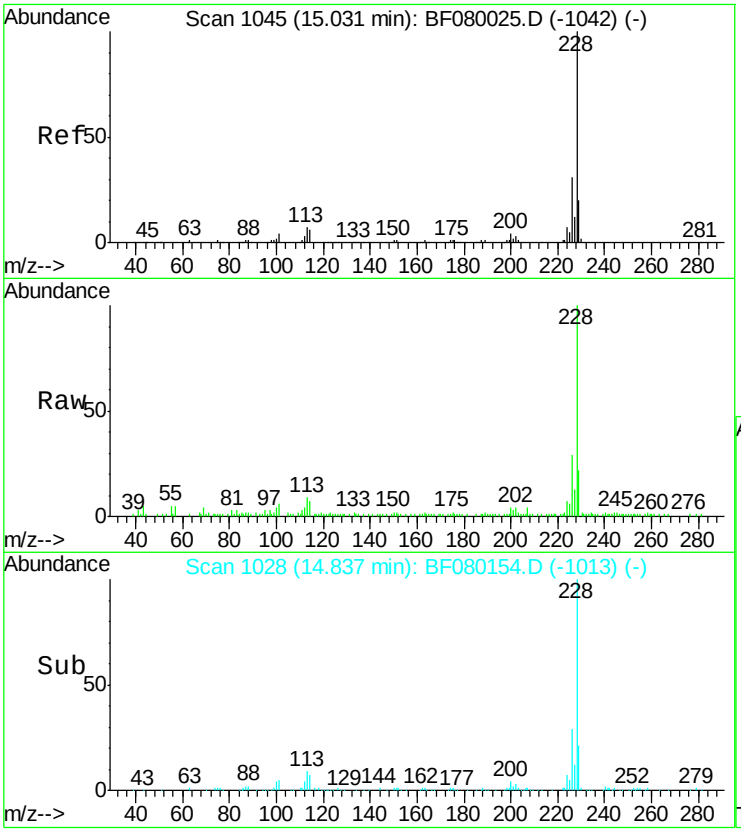


#80
Benzo(a)anthracene
Concen: 9.21 ng m
RT: 14.79 min Scan# 1024
Delta R.T. -0.13 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:228 Resp: 82608

Ion	Ratio	Lower	Upper
228	100		
226	34.1	20.0	30.0#
229	21.5	15.4	23.2



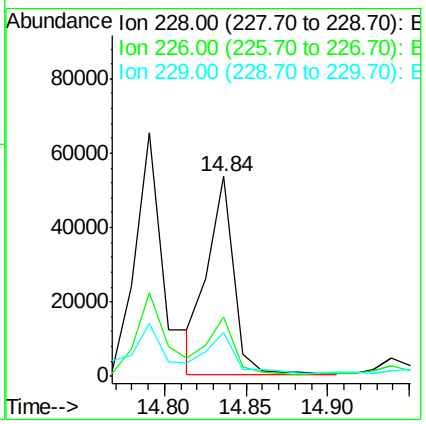


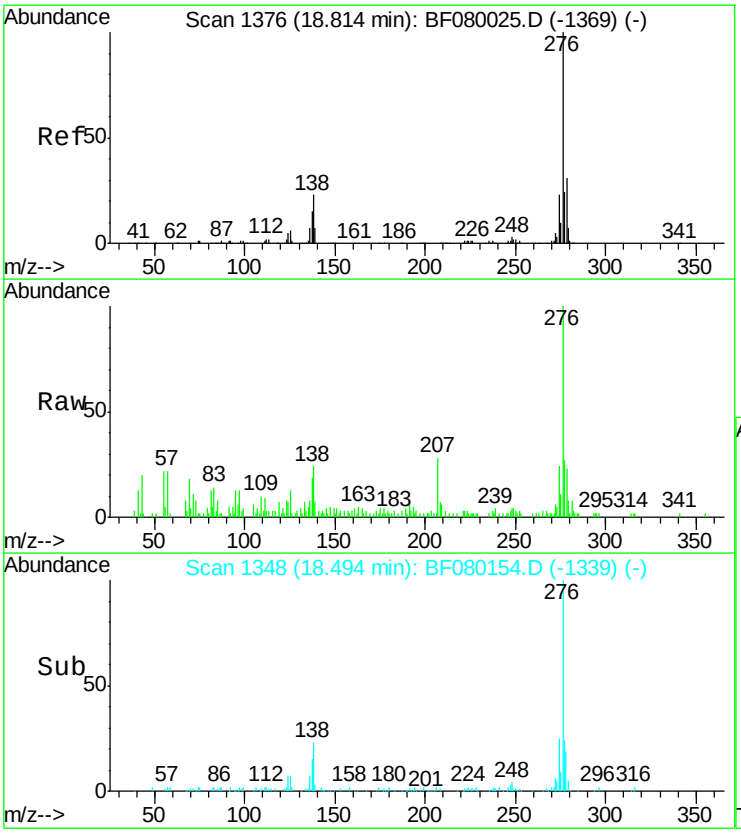
#82
Chrysene
Concen: 7.30 ng
RT: 14.84 min Scan# 1028
Delta R.T. -0.13 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:228 Resp: 60378

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.0	31.4
229	22.3	15.6	23.4

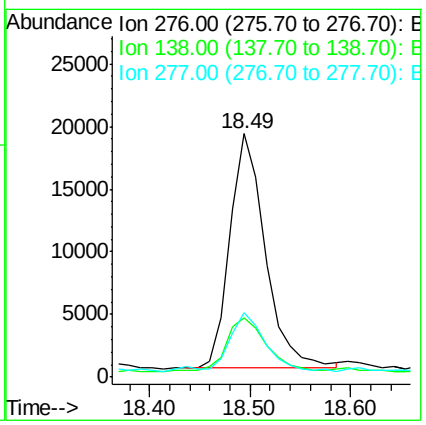


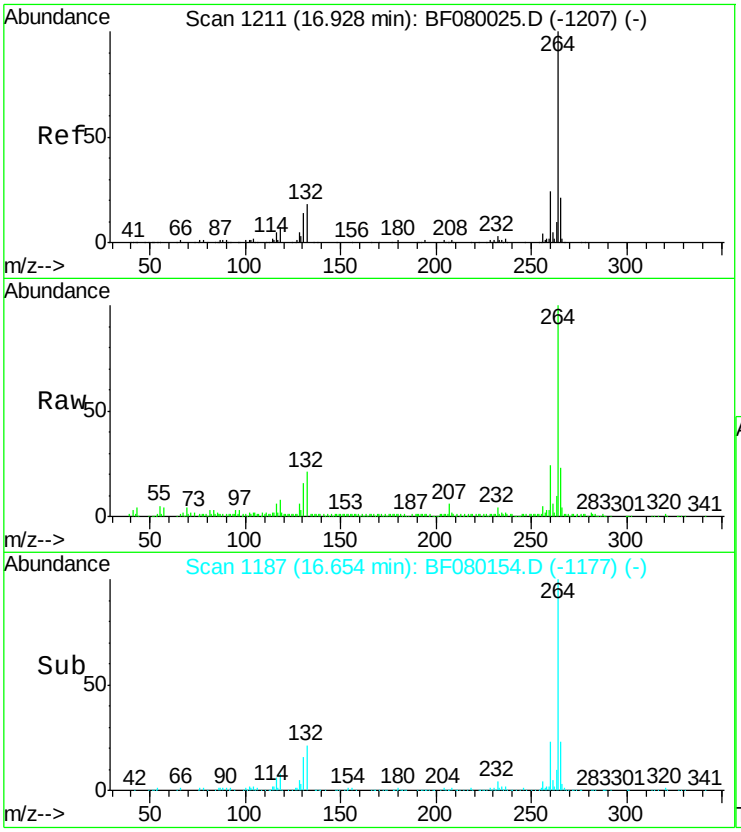


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.40 ng
RT: 18.49 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:276 Resp: 45888

Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.7	38.5
277	26.3	15.6	23.4#



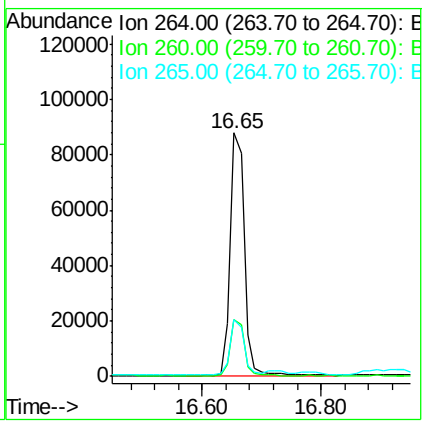


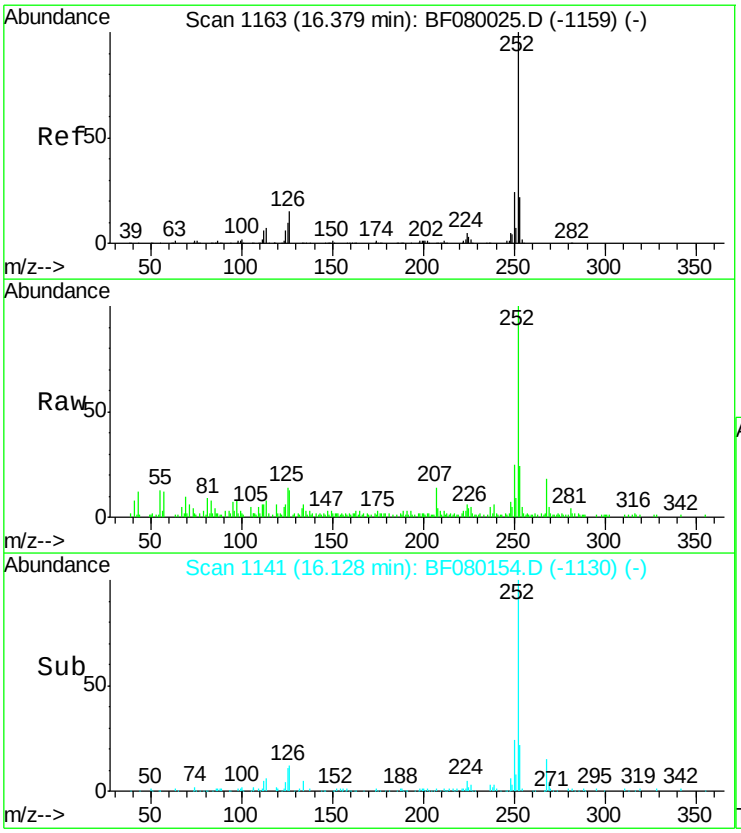
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.65 min Scan# 1187
Delta R.T. -0.18 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:264 Resp: 149227

Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	23.4	17.2	25.8

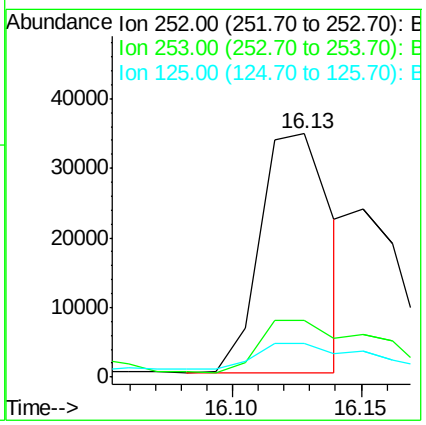


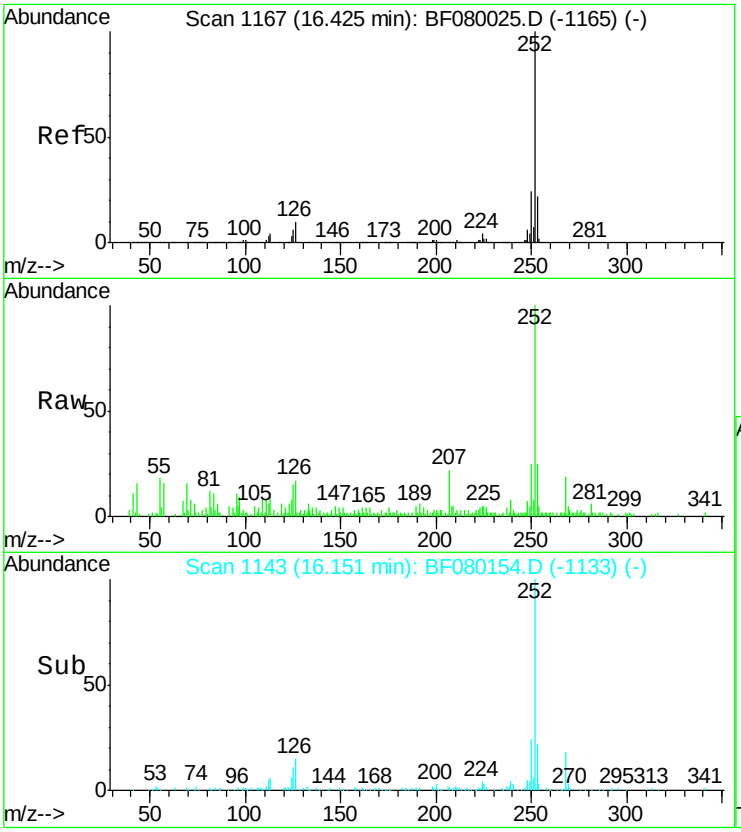


#87
Benzo(b)fluoranthene
Concen: 7.31 ng m
RT: 16.13 min Scan# 1141
Delta R.T. -0.17 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:252 Resp: 66024

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	13.7	17.1	25.7#



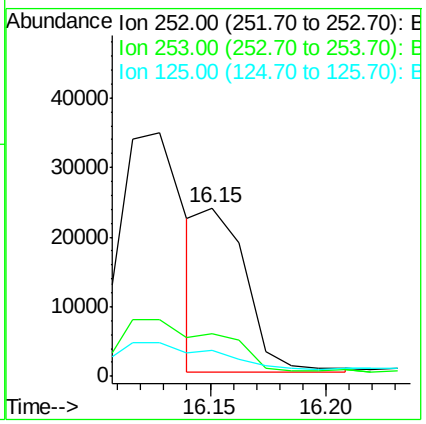


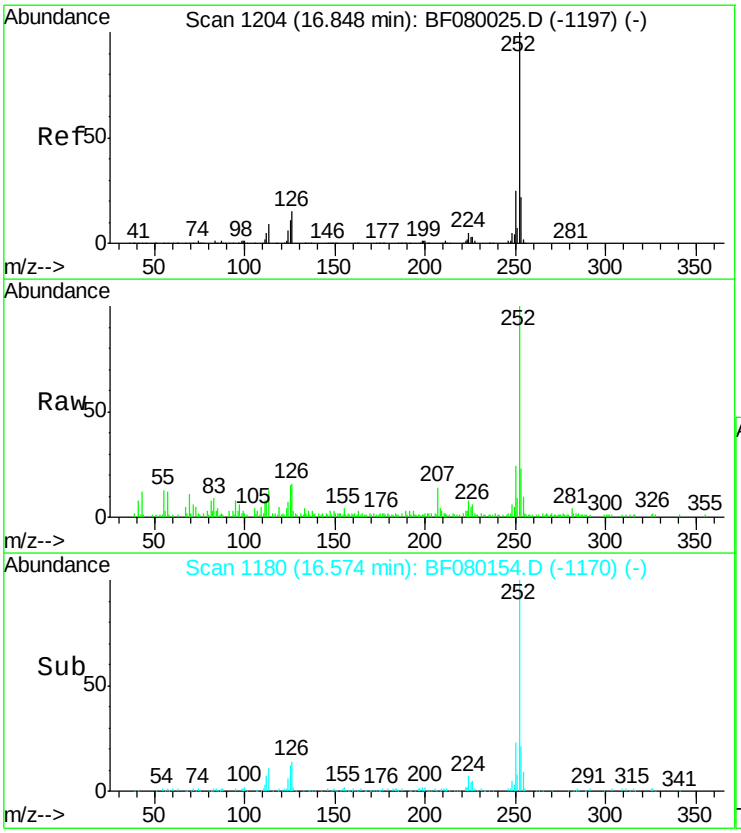
#88
Benzo(k)fluoranthene
Concen: 3.54 ng m
RT: 16.15 min Scan# 1143
Delta R.T. -0.18 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:252 Resp: 32578

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.4
125	15.4	16.0	24.0#

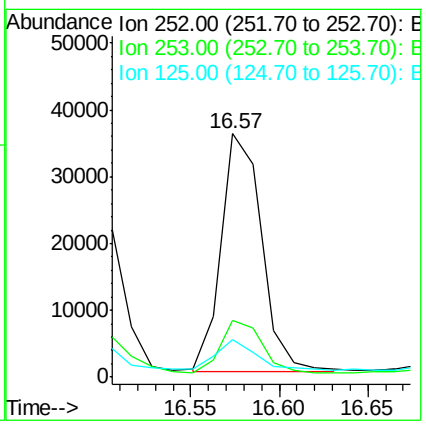


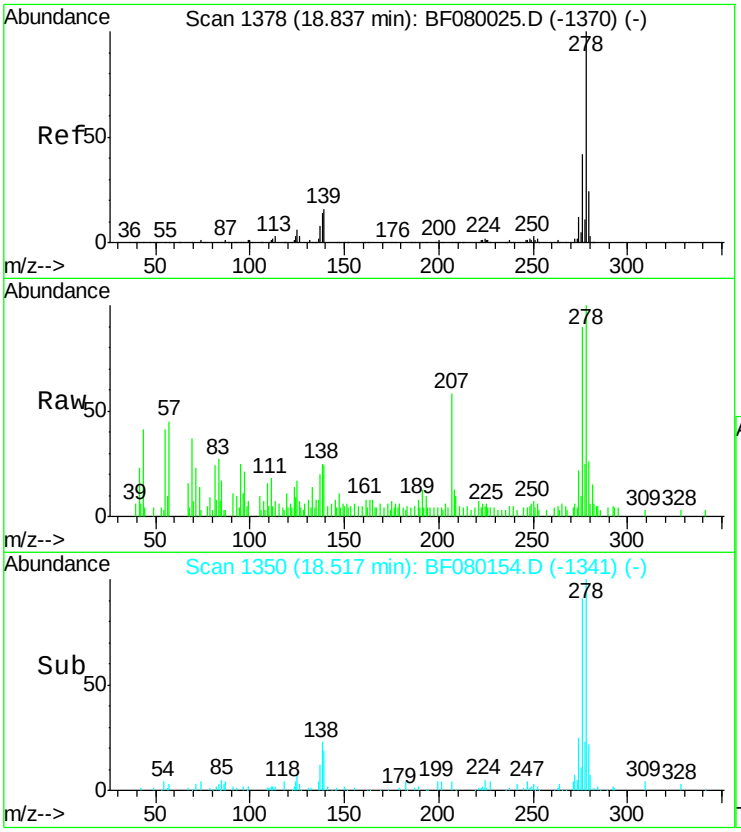


#89
Benzo(a)pyrene
Concen: 6.64 ng m
RT: 16.57 min Scan# 1180
Delta R.T. -0.18 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:252 Resp: 57008

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	15.2	18.0	27.0#



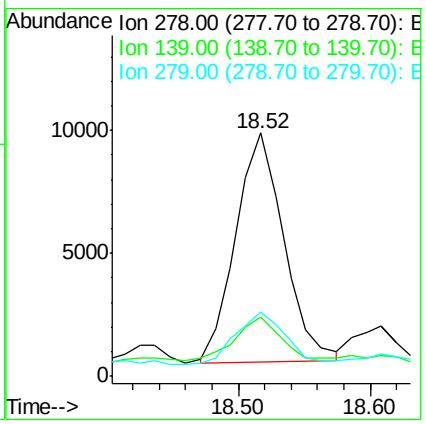


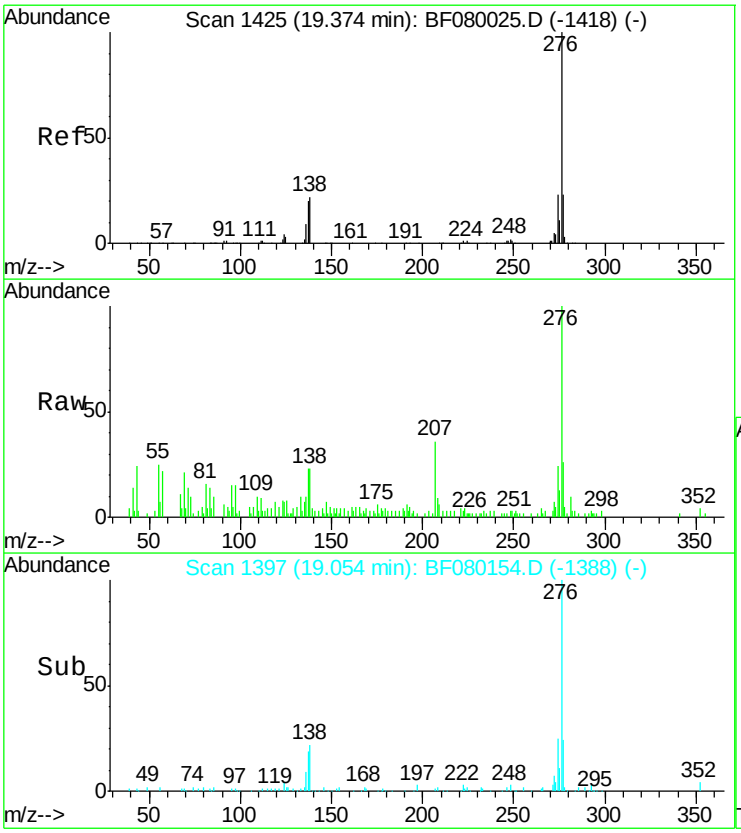
#90
Dibenzo(a,h)anthracene
Concen: 2.67 ng m
RT: 18.52 min Scan# 1350
Delta R.T. -0.19 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Instrument :
BNA_F
ClientSampleId :
CF-1

Tgt Ion:278 Resp: 23452

Ion	Ratio	Lower	Upper
278	100		
139	24.2	26.3	39.5#
279	26.4	18.2	27.4





#91
Benzo(g,h,i)perylene
Concen: 4.80 ng
RT: 19.05 min Scan# 1397
Delta R.T. -0.19 min
Lab File: BF080154.D
Acq: 25 Jun 2015 4:04

Tgt Ion:276 Resp: 42554

Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.8	26.6
138	23.4	34.6	51.8#