Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080183.D
Acq On : 26 Jun 2015 00:55
Operator : TP/IZ
Sample : G2699-01RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9819RE

Quant Time: Jun 26 03:14:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	29092	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	115939	20.00	ng		0.00
38) Acenaphthene-d10	10.36	164	64320	20.00	ng		0.00
63) Phenanthrene-d10	11.86	188	128862	20.00	ng		0.00
75) Chrysene-d12	14.77	240	136347	20.00	ng		-0.06
86) Perylene-d12	16.62	264	133337	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	264922	161.20	ng		0.00
7) Phenol-d6	6.89	99	342294	156.52	ng		-0.01
23) Nitrobenzene-d5	7.85	82	218840	109.89	ng		0.00
41) 2,4,6-Tribromophenol	11.16	330	104799	166.63	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	401411	89.00	ng		-0.01
78) Terphenyl-d14	13.52	244	499838	85.62	ng		-0.02
Target Compounds							Qvalue
15) Benzyl Alcohol	7.45	79	3924	2.19	ng	#	30
19) n-Nitroso-di-n-propylamine	7.85	70	28273	18.62	ng	#	56
25) Isophorone	7.85	82	185358	46.25	ng	#	58
31) Naphthalene	8.61	128	13408	2.21	ng		98
32) Benzoic acid	8.34	122	3664	3.38	ng	#	30
49) Dimethylphthalate	10.05	163	43743	9.05	ng	#	97
56) 2,4-Dinitrotoluene	10.36	165	8248	6.70	ng	#	31
66) 4-Bromophenyl-phenylether	11.16	248	6979	5.09	ng	#	1
70) Phenanthrene	11.89	178	17387	2.23	ng		97
74) Fluoranthene	13.13	202	44490	5.35	ng		87
77) Pyrene	13.38	202	43809	5.22	ng		97
80) Benzo(a)anthracene	14.76	228	38908	4.68	ng		94
82) Chrysene	14.80	228	32491	4.24	ng		95
85) Indeno(1,2,3-cd)pyrene	18.44	276	34574	3.58	ng	#	84
87) Benzo(b)fluoranthene	16.08	252	74926	9.28	ng	#	87
88) Benzo(k)fluoranthene	16.08	252	74926	9.11	ng	#	88
89) Benzo(a)pyrene	16.54	252	44651	5.82	ng	#	85
91) Benzo(g,h,i)perylene	18.99	276	34434	4.35	ng	#	78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
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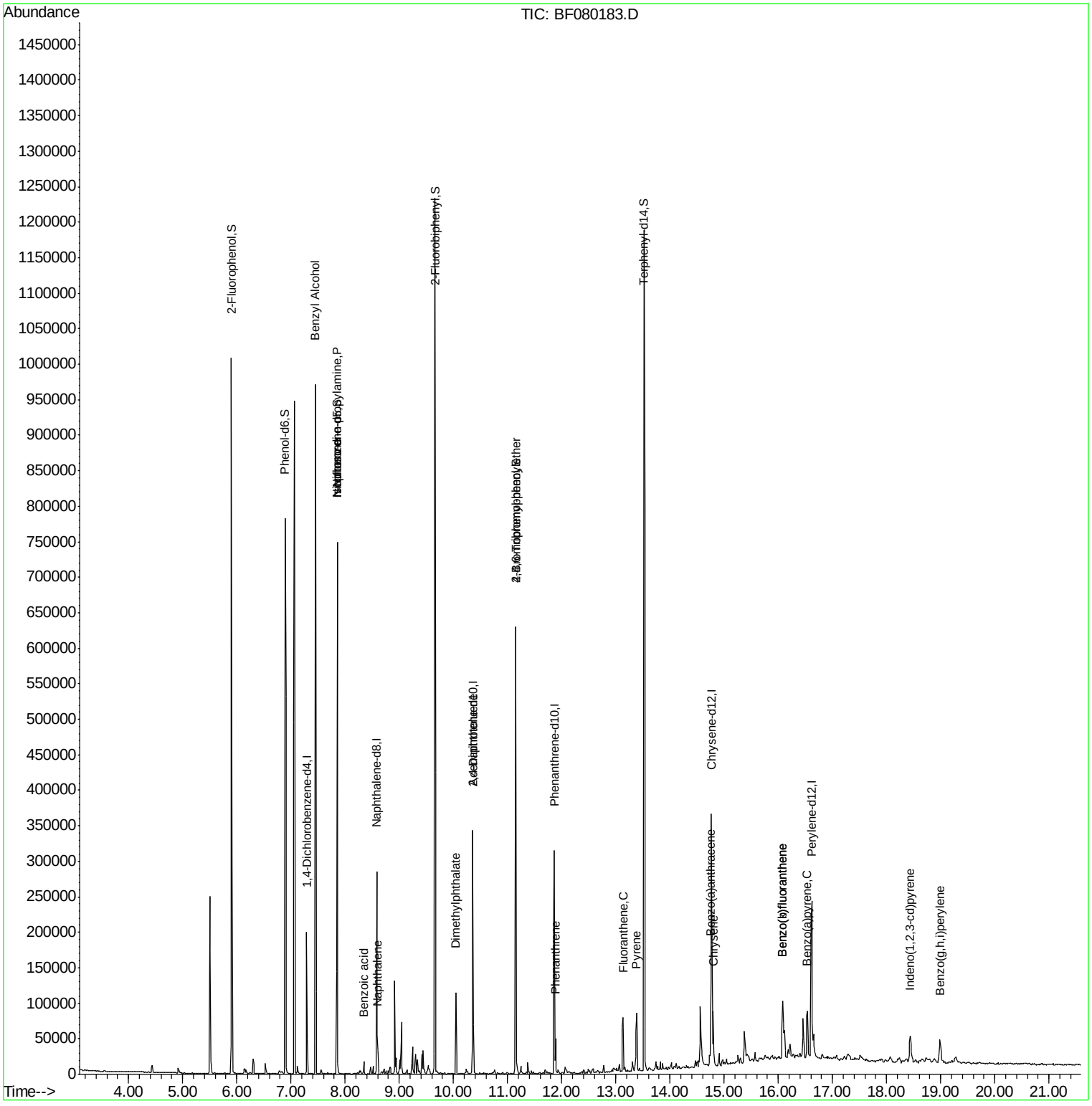
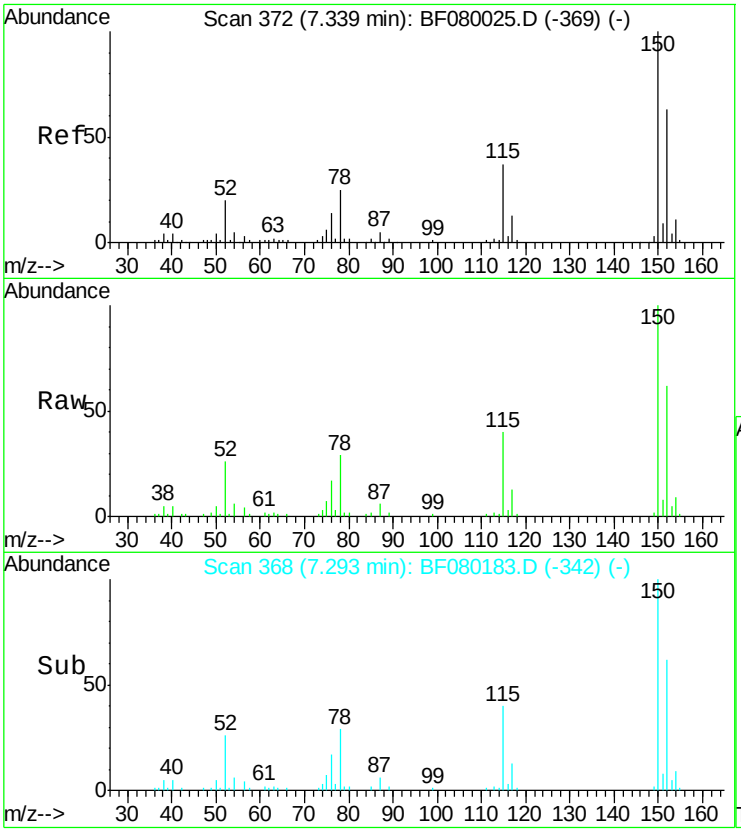


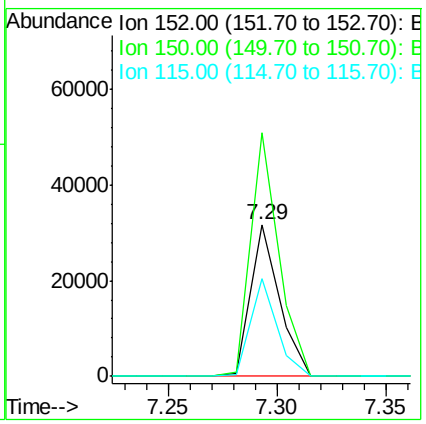


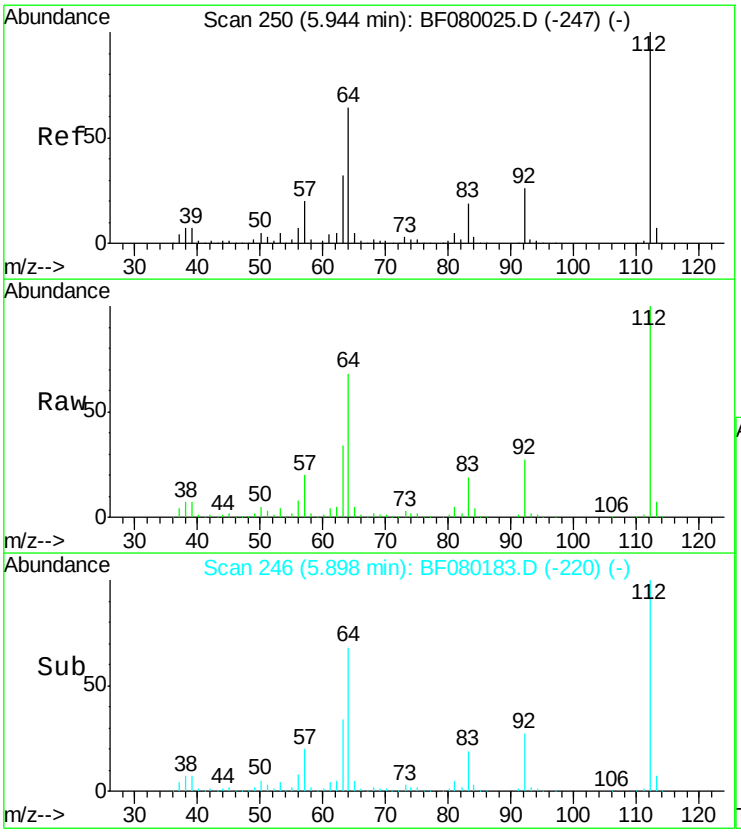
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:152 Resp: 29092

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.7	187.1
115	64.8	39.0	58.4#

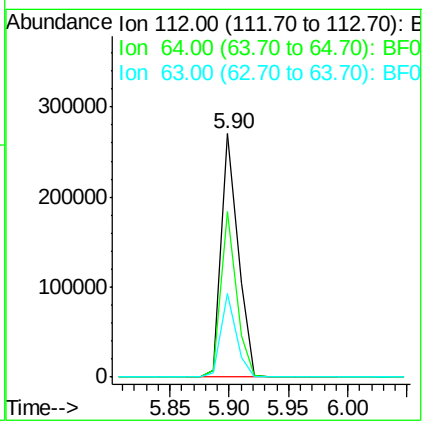


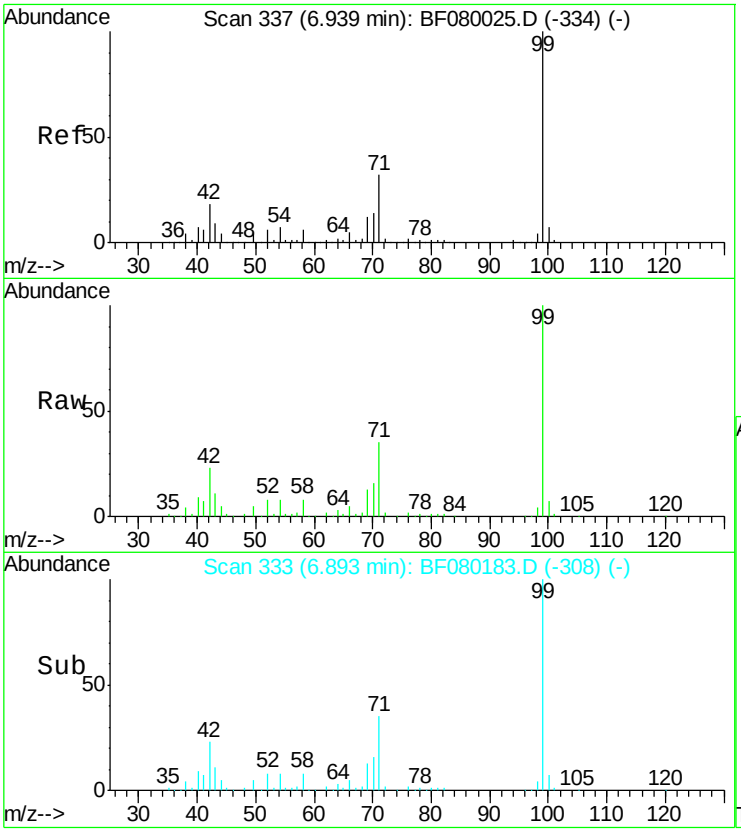


#5
2-Fluorophenol
Concen: 161.20 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.00 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:112 Resp: 264922

Ion	Ratio	Lower	Upper
112	100		
64	67.8	39.7	59.5#
63	34.1	17.4	26.0#



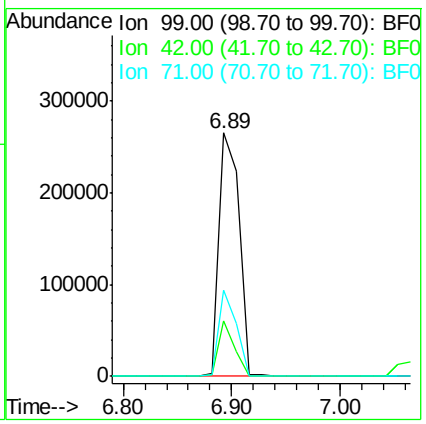


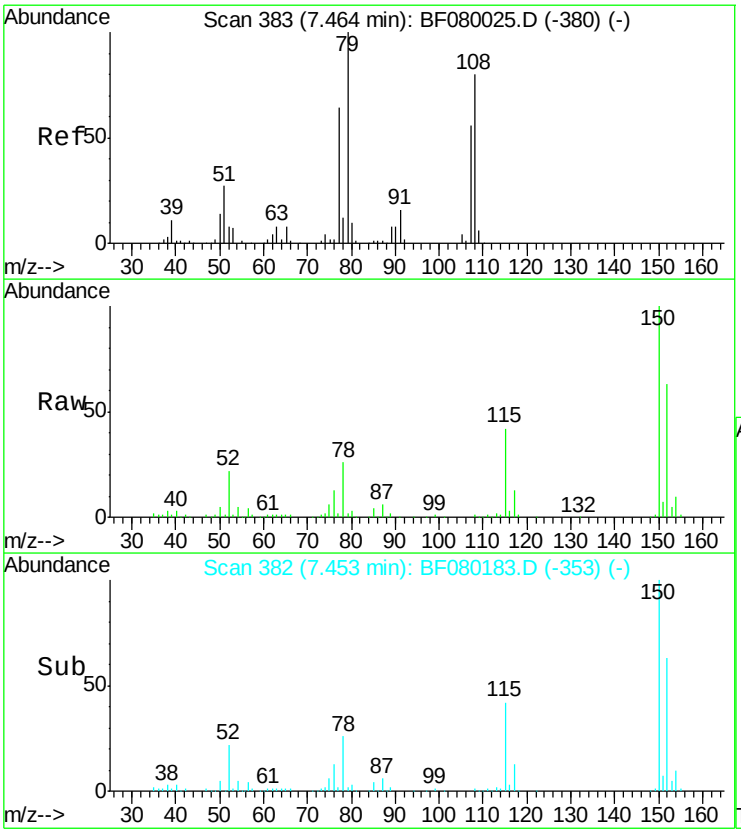
#7
Phenol-d6
Concen: 156.52 ng
RT: 6.89 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion: 99 Resp: 342294

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.7	20.5#
71	35.2	14.2	21.2#

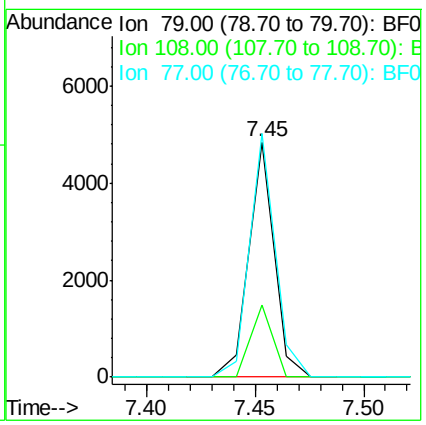


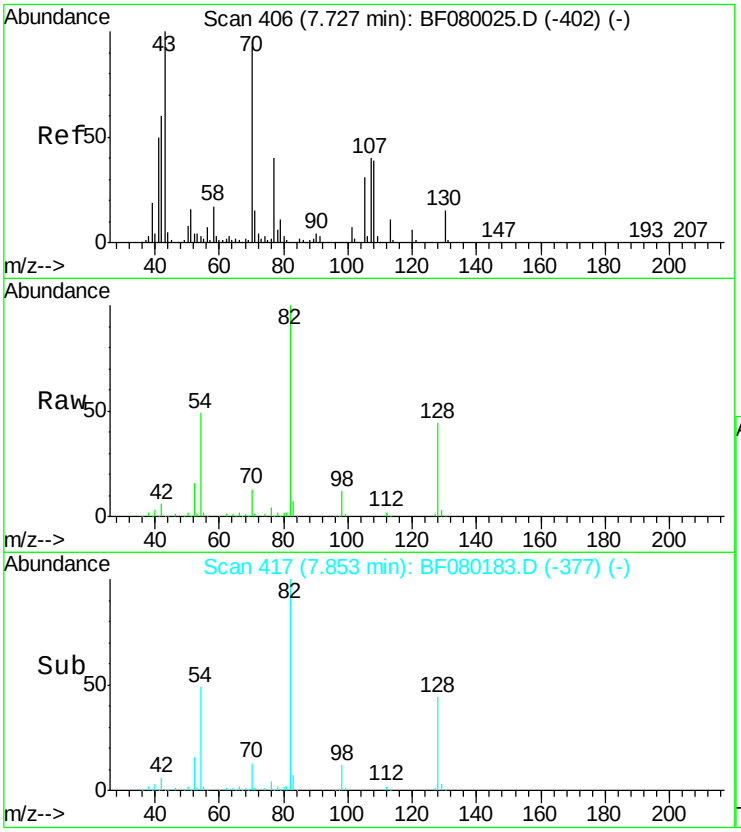


#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 7.45 min Scan# 382
Delta R.T. 0.03 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion: 79 Resp: 3924

Ion	Ratio	Lower	Upper
79	100		
108	30.7	88.6	132.8#
77	103.6	47.0	70.4#



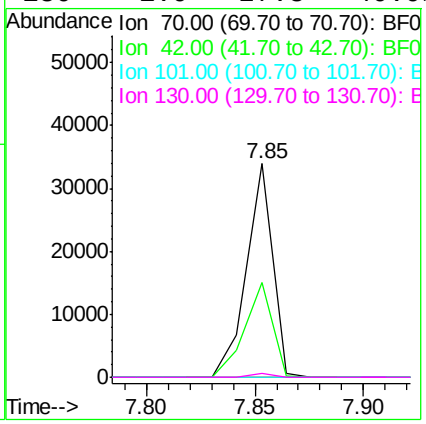


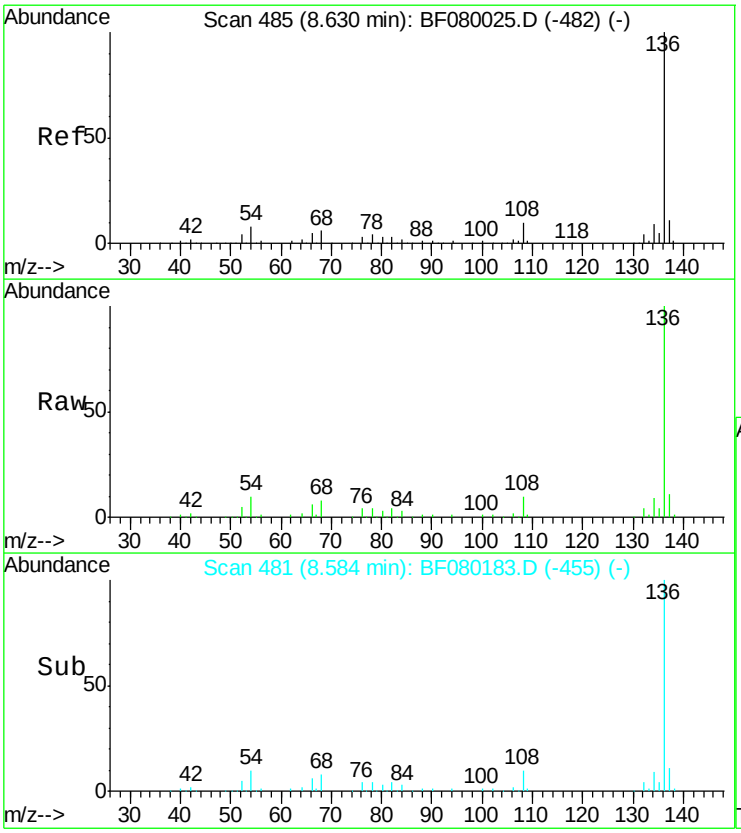
#19
n-Nitroso-di-n-propylamine
Concen: 18.62 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.16 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion: 70 Resp: 28273

Ion	Ratio	Lower	Upper
70	100		
42	44.2	63.8	95.6#
101	0.0	9.2	13.8#
130	1.9	27.3	40.9#

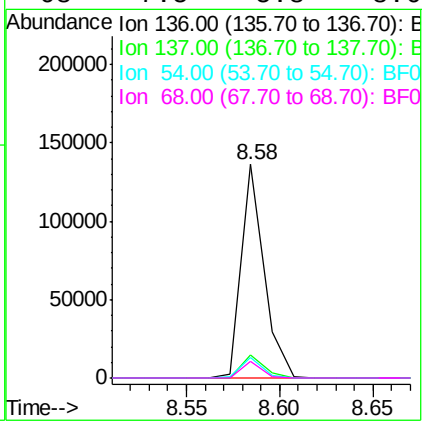


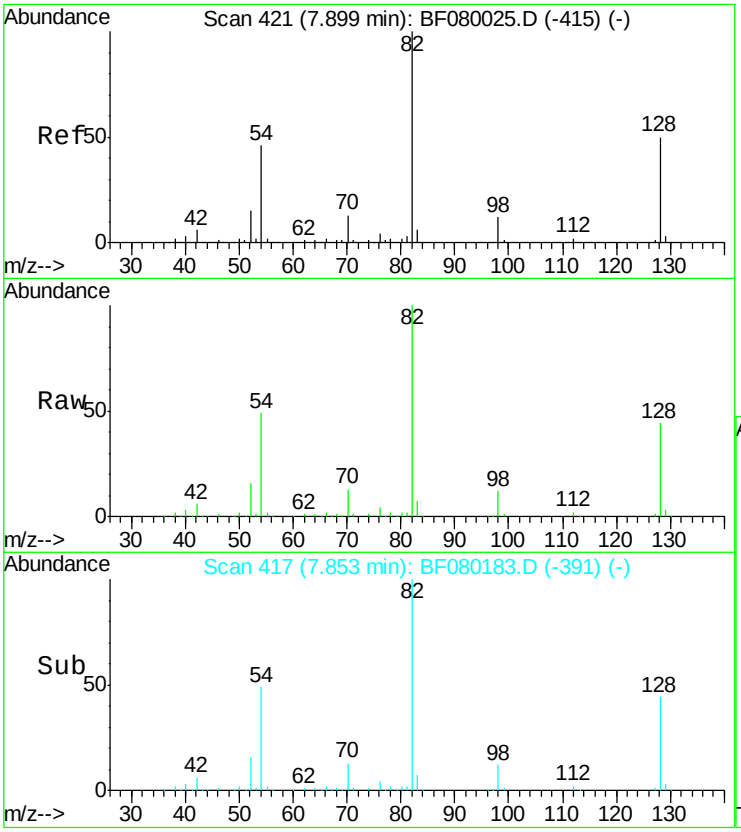


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:136 Resp: 115939

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.7	8.2	12.2
68	7.5	5.8	8.6



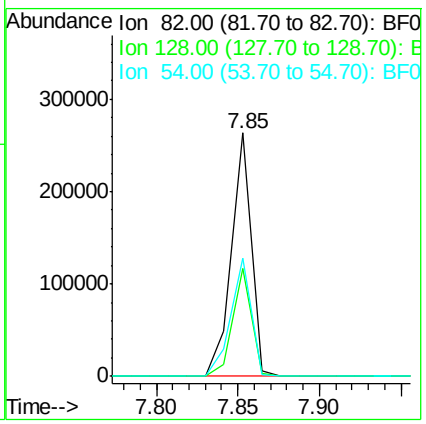


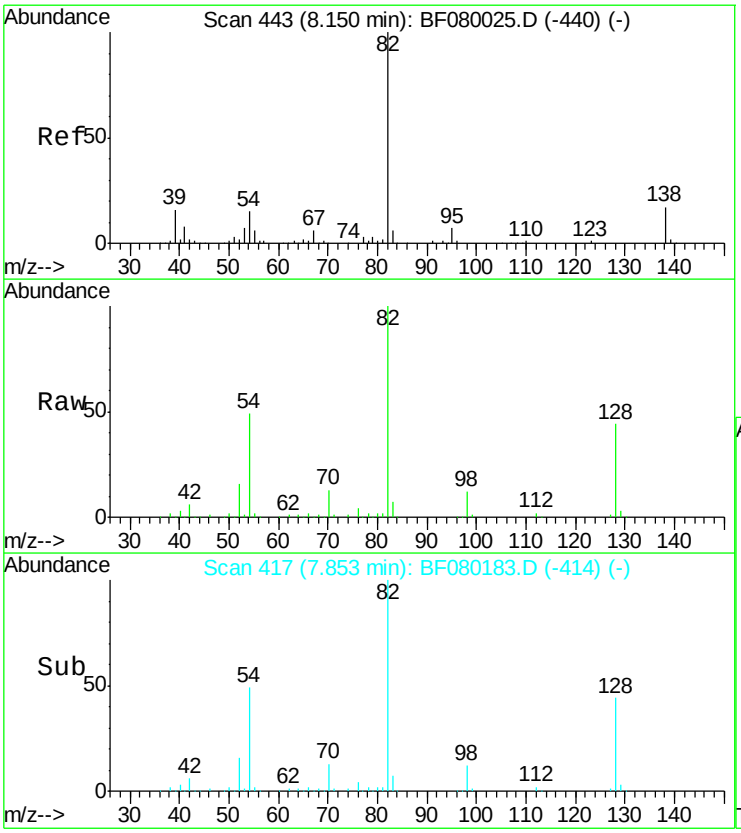
#23
Nitrobenzene-d5
Concen: 109.89 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion: 82 Resp: 218840

Ion	Ratio	Lower	Upper
82	100		
128	44.4	51.0	76.6#
54	48.7	47.5	71.3

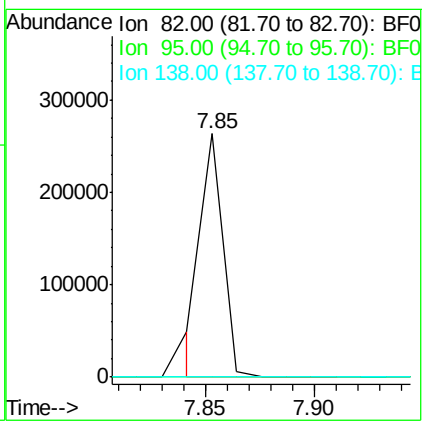


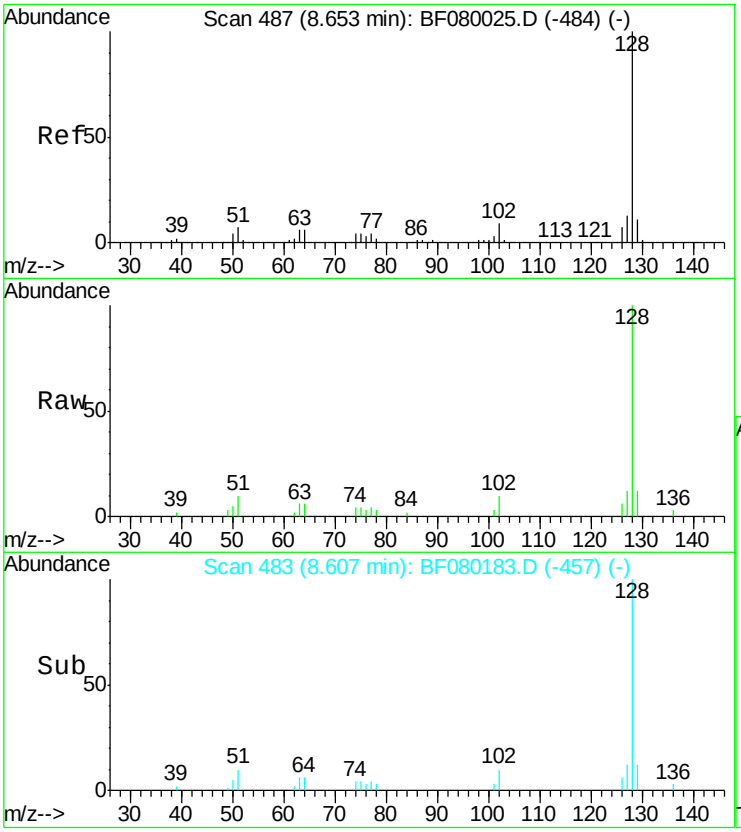


#25
Isophorone
Concen: 46.25 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.26 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion: 82 Resp: 185358

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



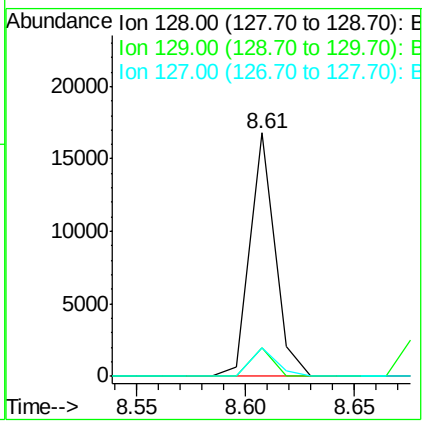


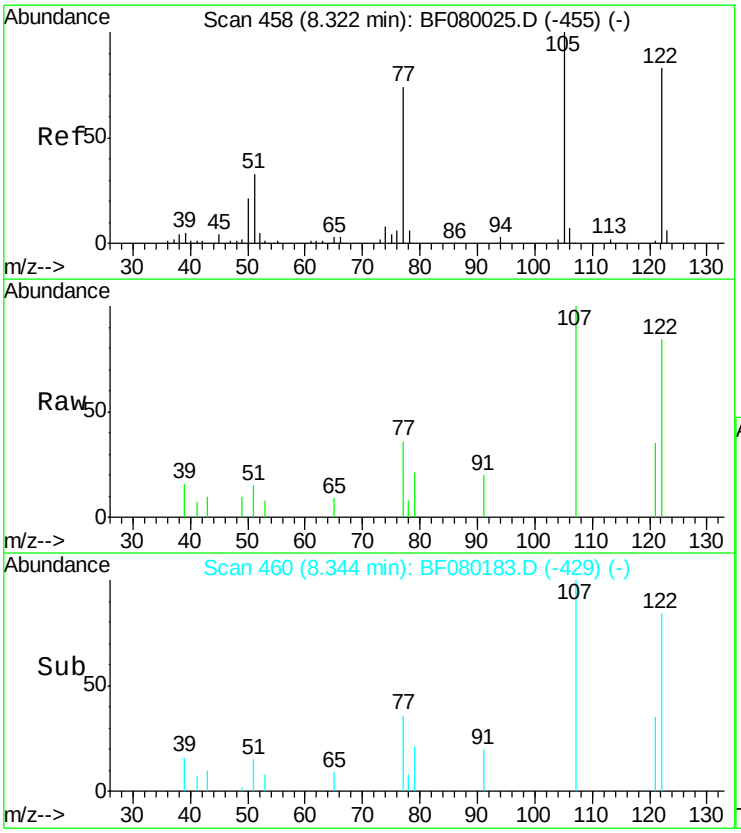
#31
Naphthalene
Concen: 2.21 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:128 Resp: 13408

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.4	12.6
127	11.9	9.9	14.9

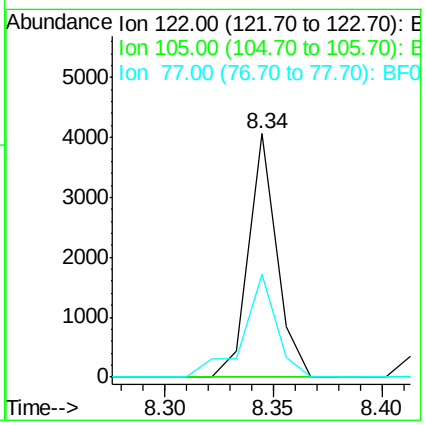


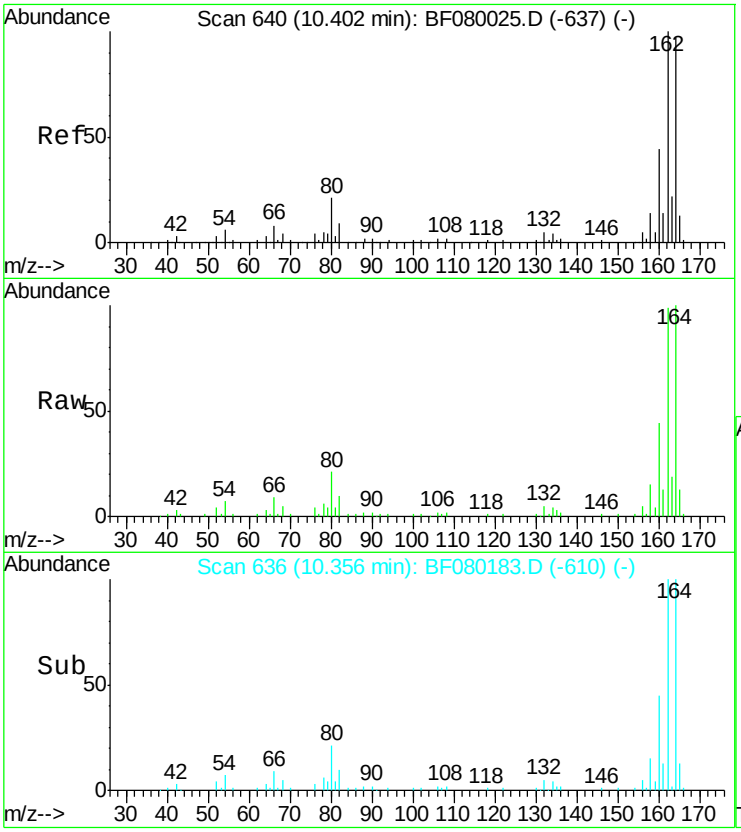


#32
Benzoic acid
Concen: 3.38 ng
RT: 8.34 min Scan# 460
Delta R.T. 0.06 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:122 Resp: 3664

Ion	Ratio	Lower	Upper
122	100		
105	0.0	76.1	116.1#
77	42.4	40.5	80.5



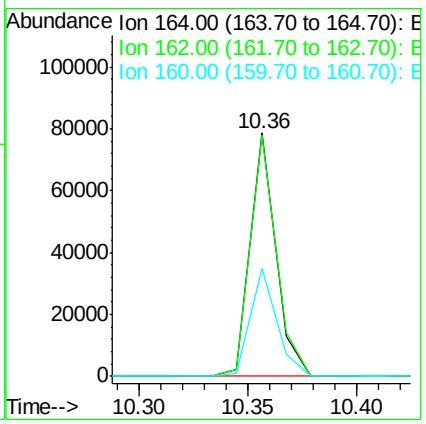


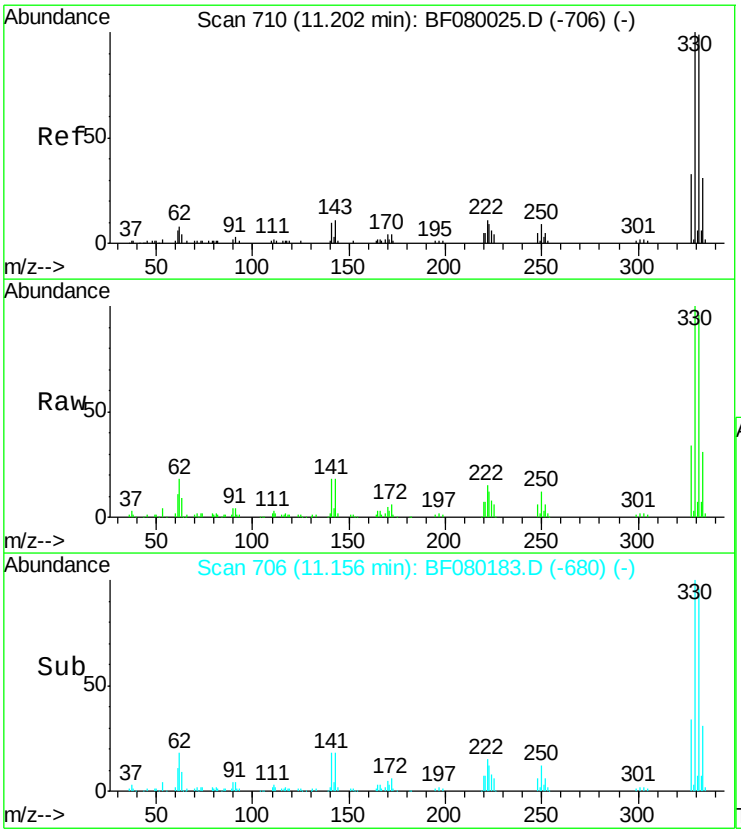
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:164 Resp: 64320

Ion	Ratio	Lower	Upper
164	100		
162	98.9	75.2	112.8
160	44.1	31.5	47.3

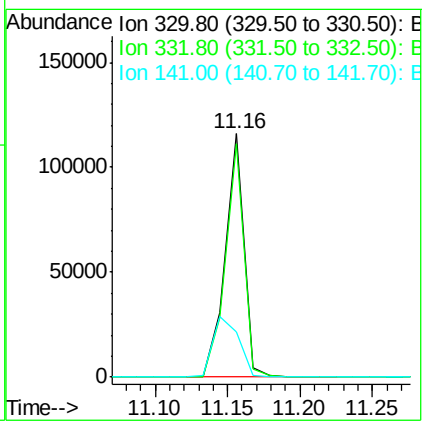


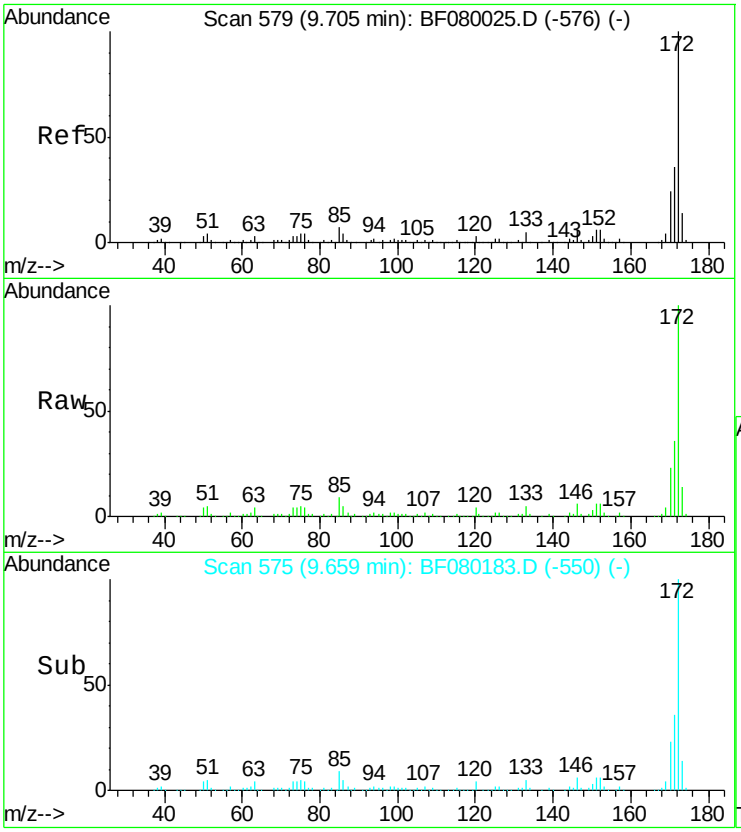


#41
2,4,6-Tribromophenol
Concen: 166.63 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:330 Resp: 104799

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	34.0	29.7	44.5



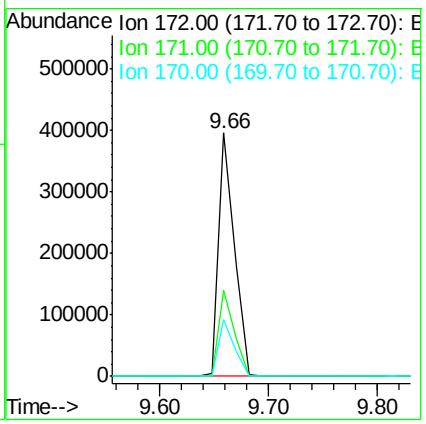


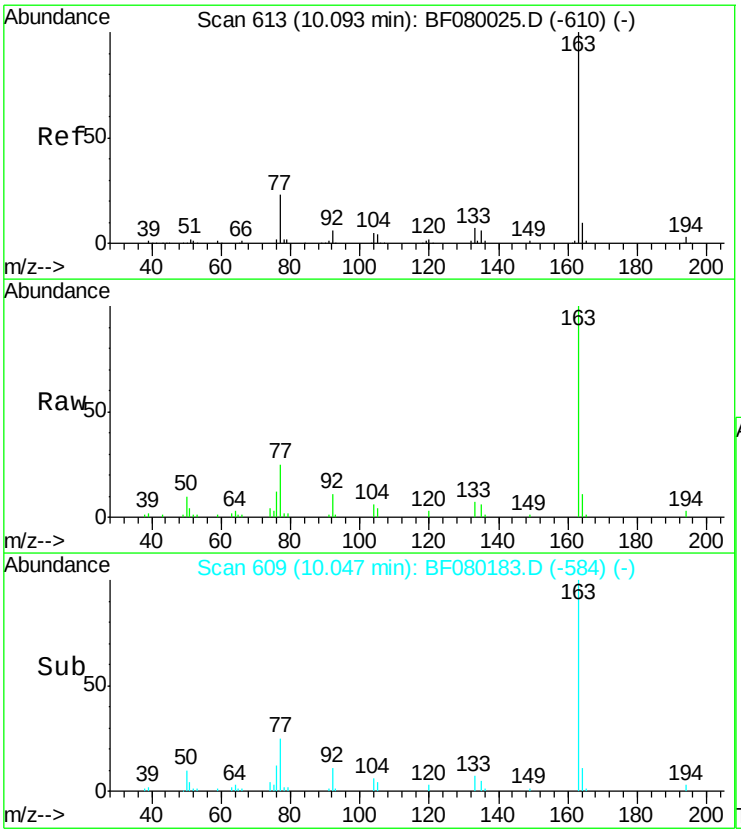
#44
2-Fluorobiphenyl
Concen: 89.00 ng
RT: 9.66 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:172 Resp: 401411

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	23.4	17.4	26.2

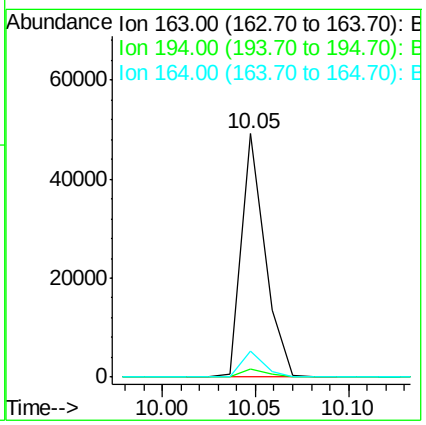


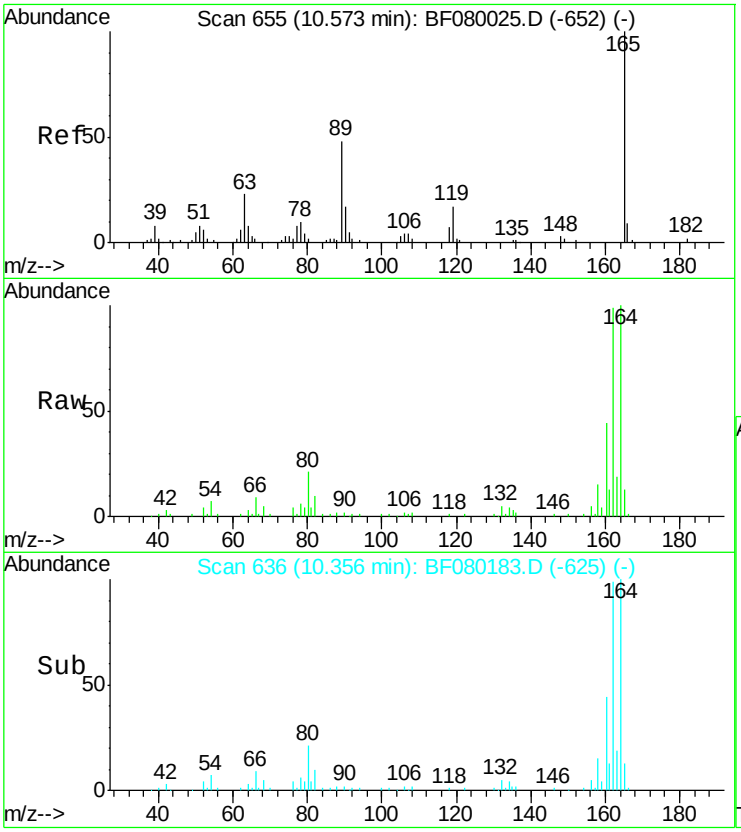


#49
Dimethylphthalate
Concen: 9.05 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:163 Resp: 43743

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	10.6	8.3	12.5



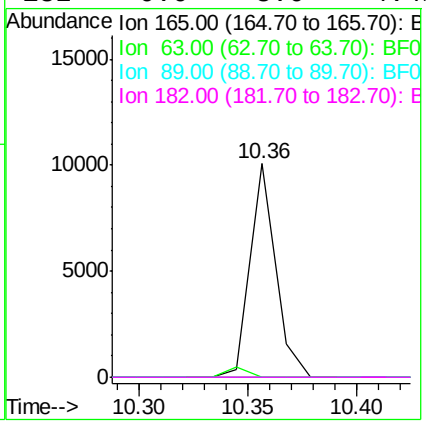


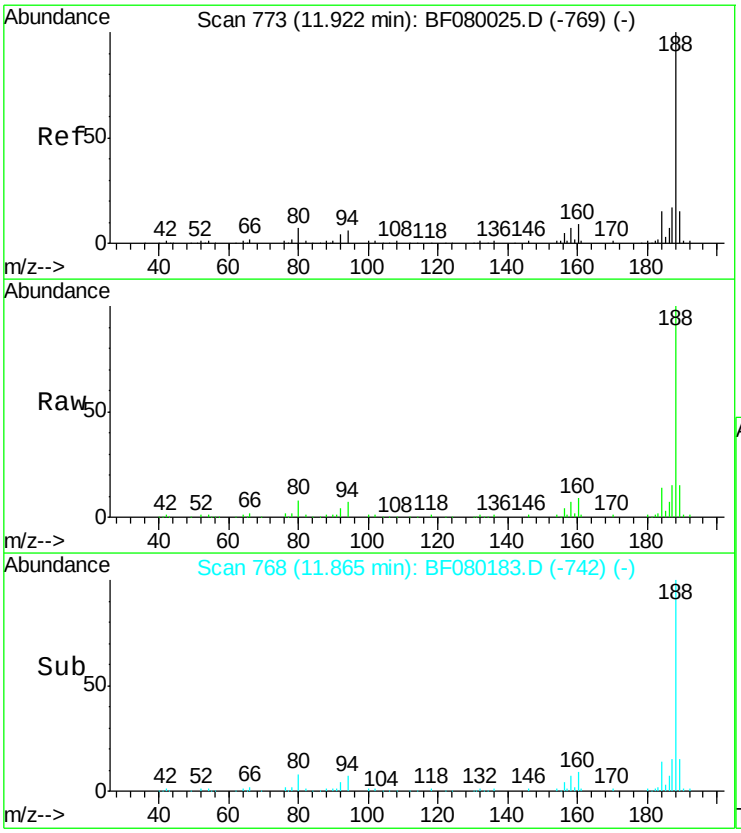
#56
2,4-Dinitrotoluene
Concen: 6.70 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.17 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:165 Resp: 8248

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

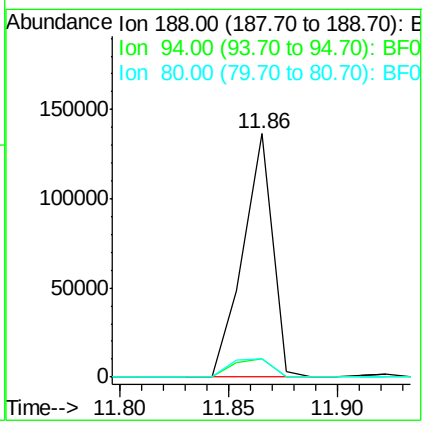


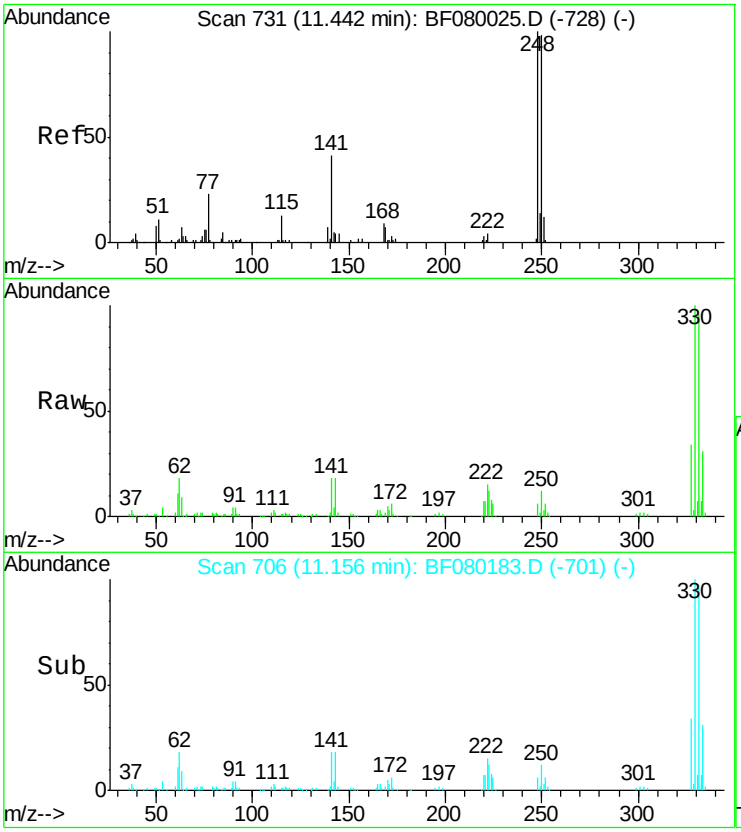


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:188 Resp: 128862

Ion	Ratio	Lower	Upper
188	100		
94	7.3	11.1	16.7#
80	7.6	11.0	16.4#



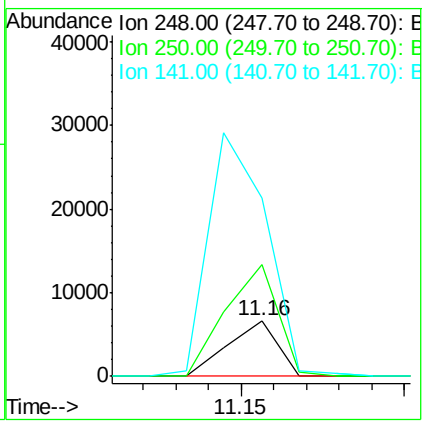


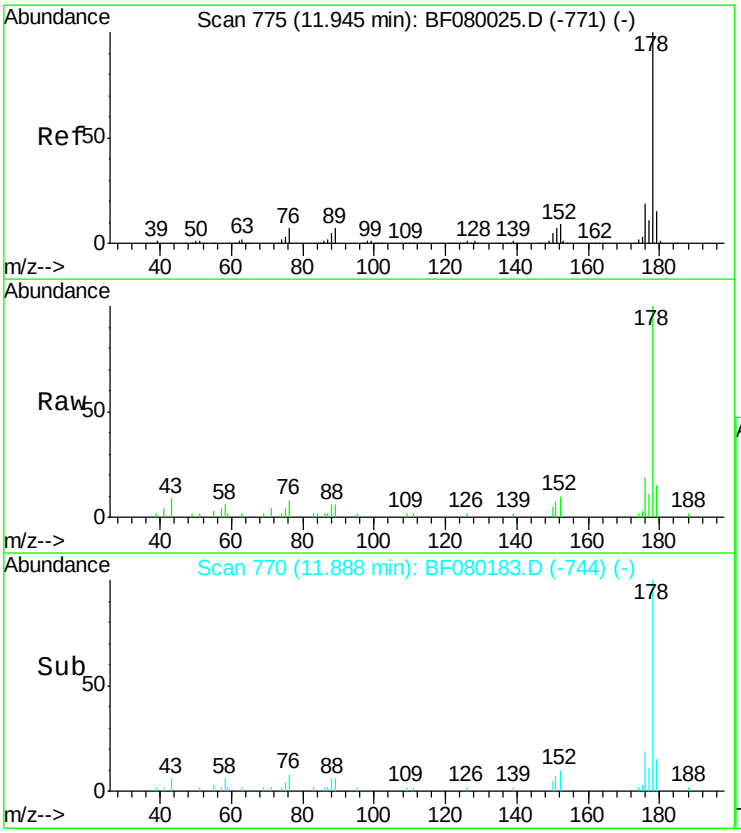
#66
4-Bromophenyl-phenylether
Concen: 5.09 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.24 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:248 Resp: 6979

Ion	Ratio	Lower	Upper
248	100		
250	199.9	78.5	117.7#
141	318.4	59.0	88.6#

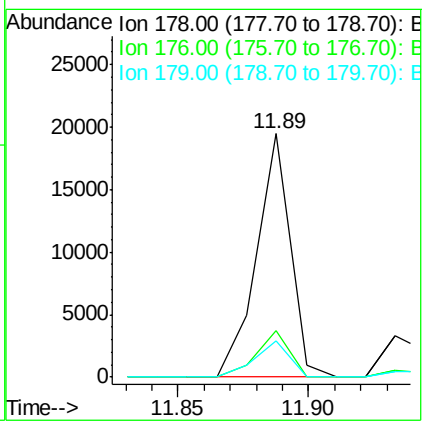


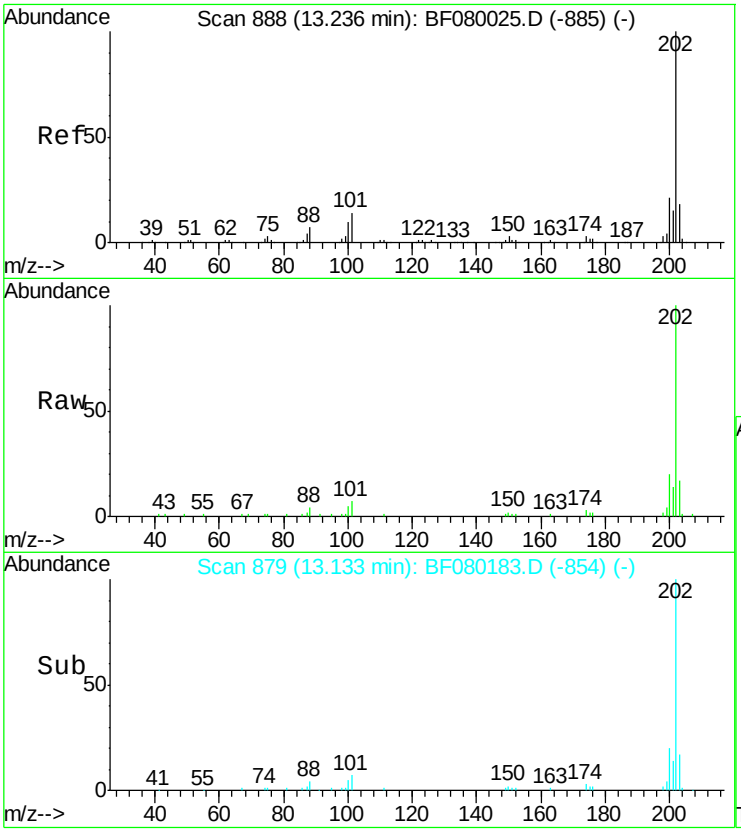


#70
Phenanthrene
Concen: 2.23 ng
RT: 11.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:178 Resp: 17387

Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	14.8	12.2	18.2



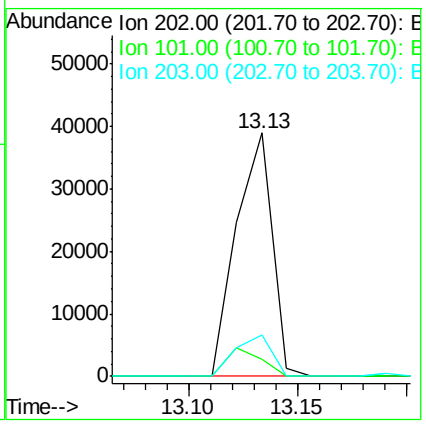


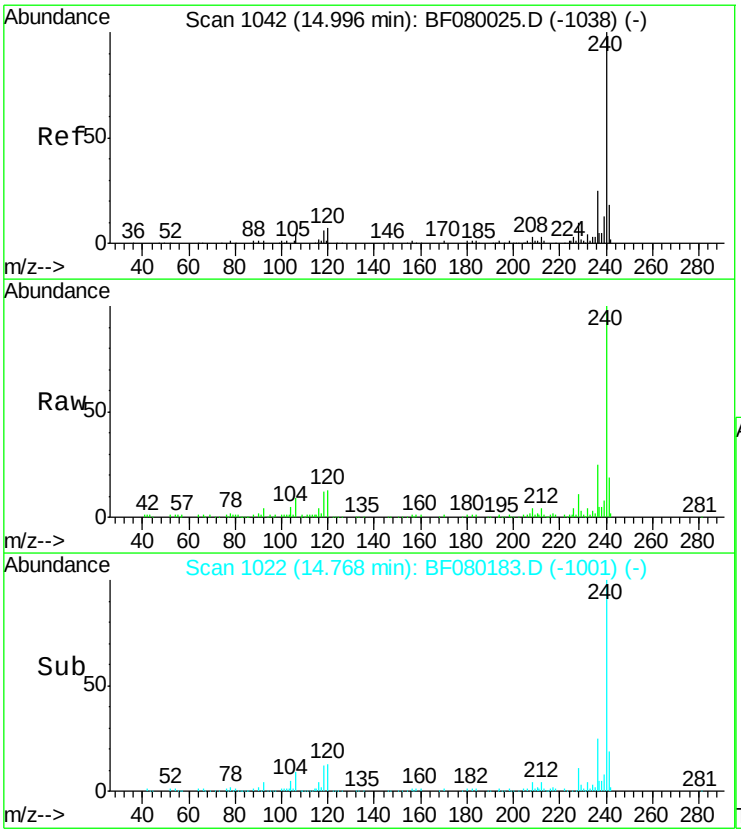
#74
Fluoranthene
Concen: 5.35 ng
RT: 13.13 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:202 Resp: 44490

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	38.3
203	16.9	0.0	37.3

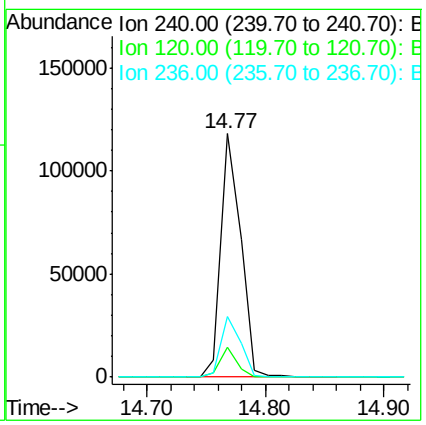


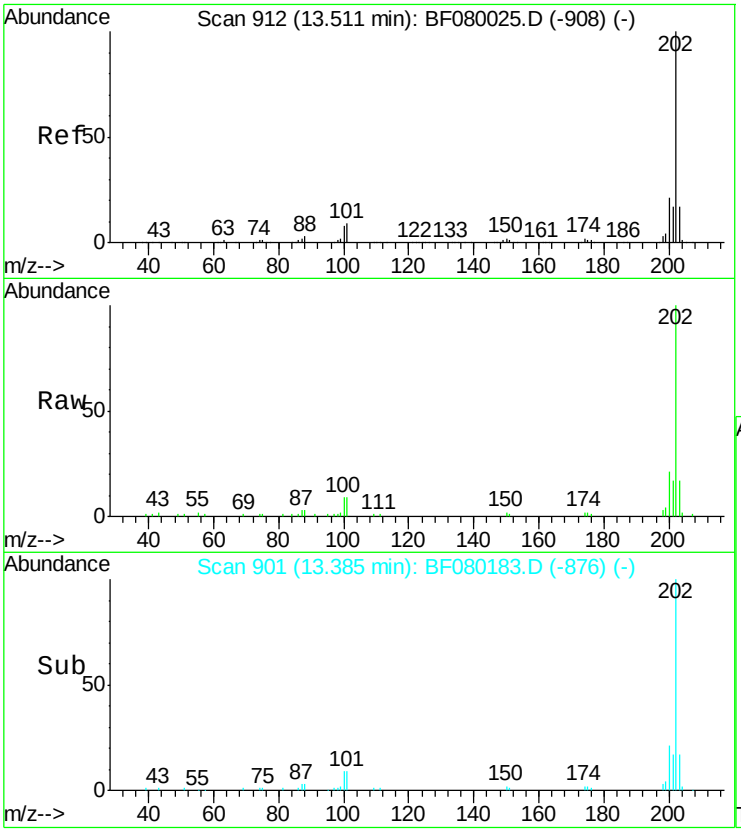


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:240 Resp: 136347

Ion	Ratio	Lower	Upper
240	100		
120	12.5	16.2	24.2#
236	25.1	18.4	27.6



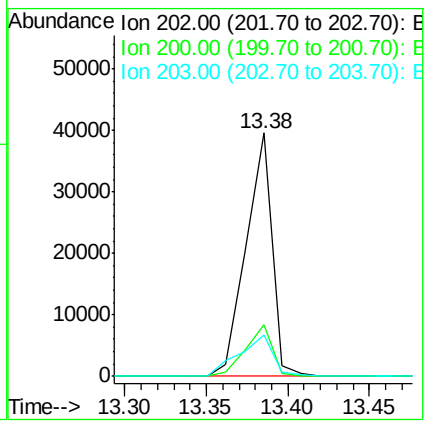


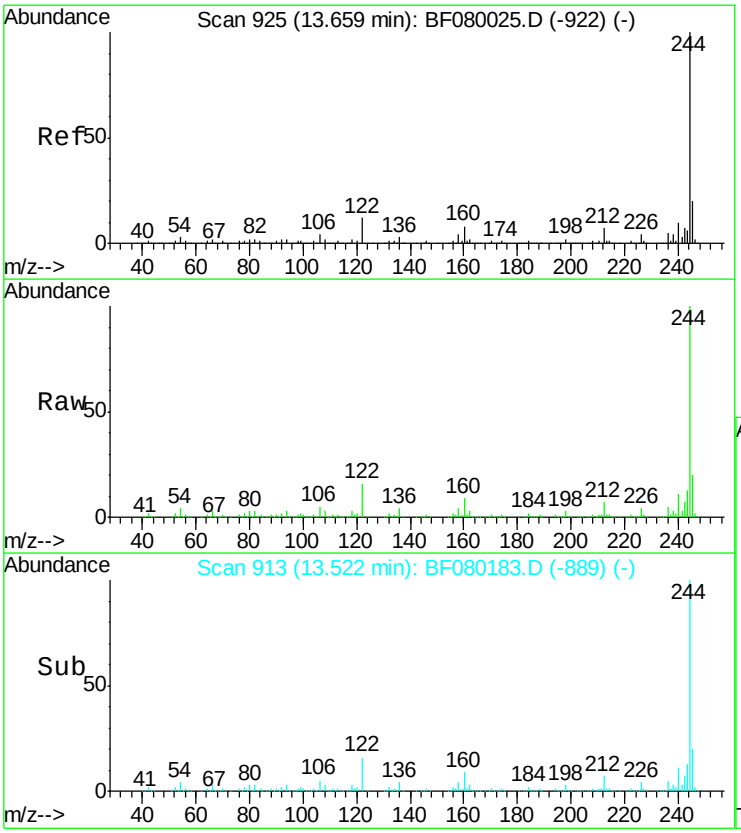
#77
Pyrene
Concen: 5.22 ng
RT: 13.38 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:202 Resp: 43809

Ion	Ratio	Lower	Upper
202	100		
200	21.1	15.0	22.4
203	17.0	14.1	21.1

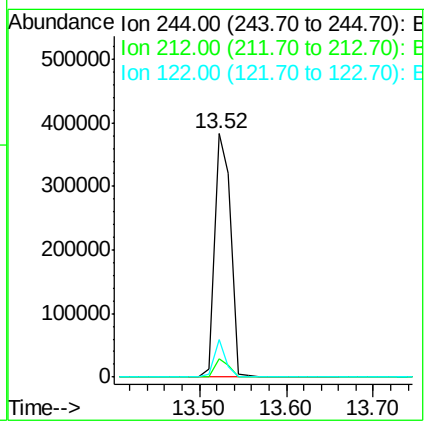


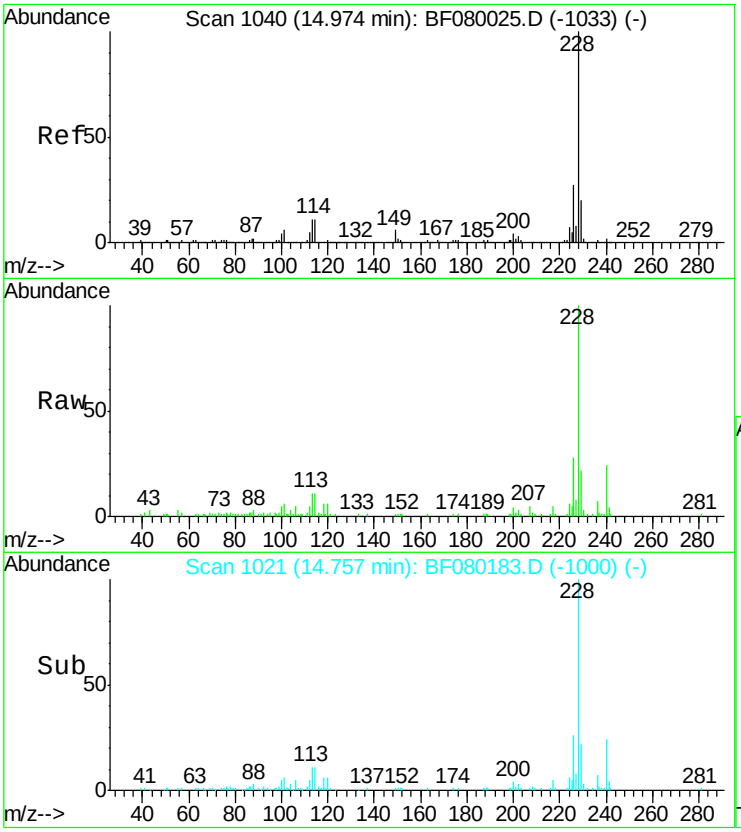


#78
Terphenyl-d14
Concen: 85.62 ng
RT: 13.52 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:244 Resp: 499838

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	15.6	17.4	26.2#



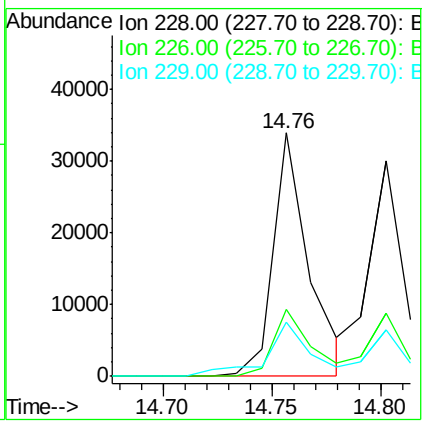


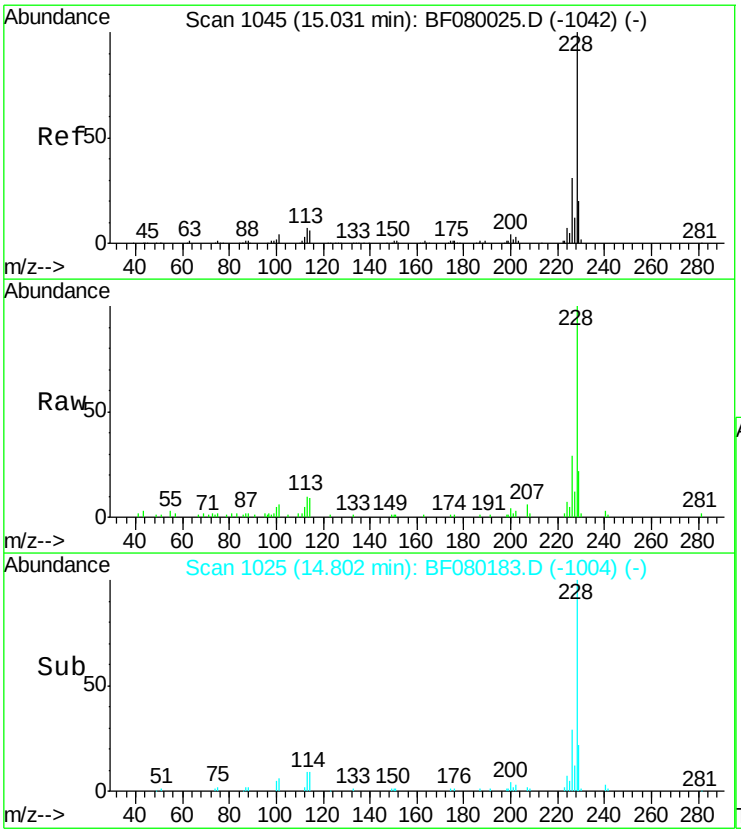
#80
Benzo(a)anthracene
Concen: 4.68 ng
RT: 14.76 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:228 Resp: 38908

Ion	Ratio	Lower	Upper
228	100		
226	27.7	20.0	30.0
229	22.1	15.4	23.2

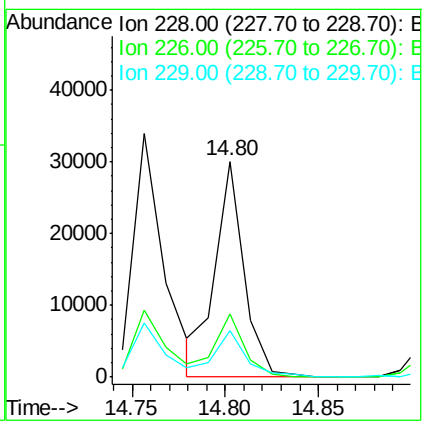


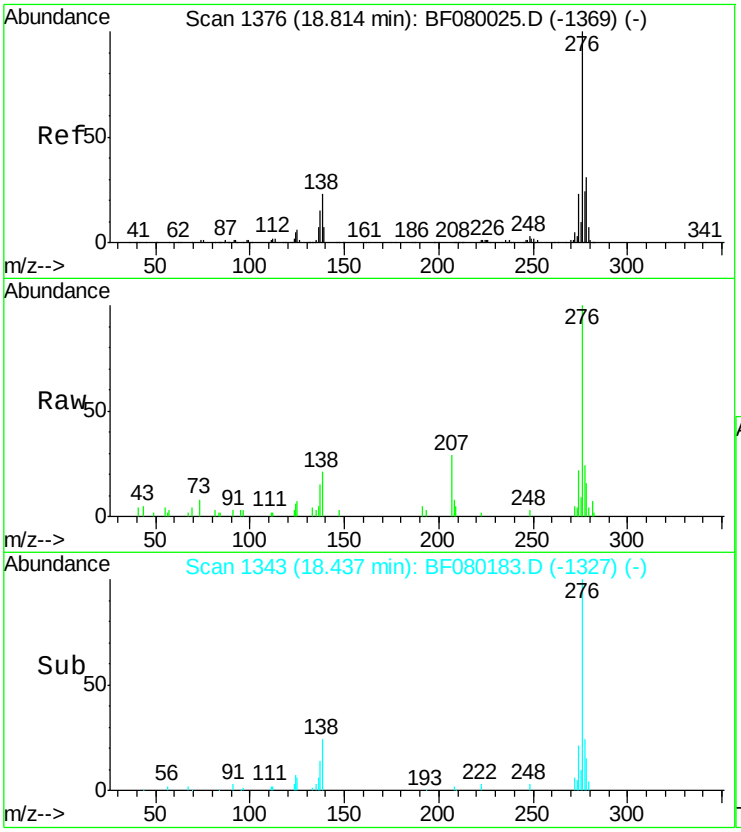


#82
Chrysene
Concen: 4.24 ng
RT: 14.80 min Scan# 1025
Delta R.T. -0.06 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:228 Resp: 32491

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.0	31.4
229	21.6	15.6	23.4



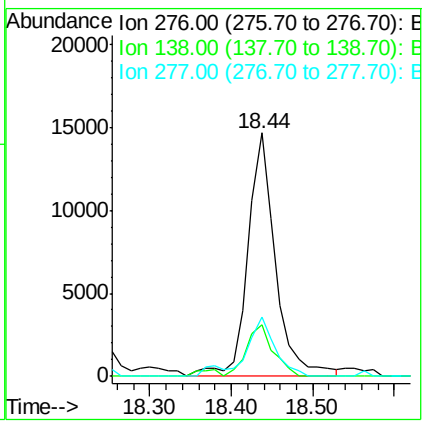


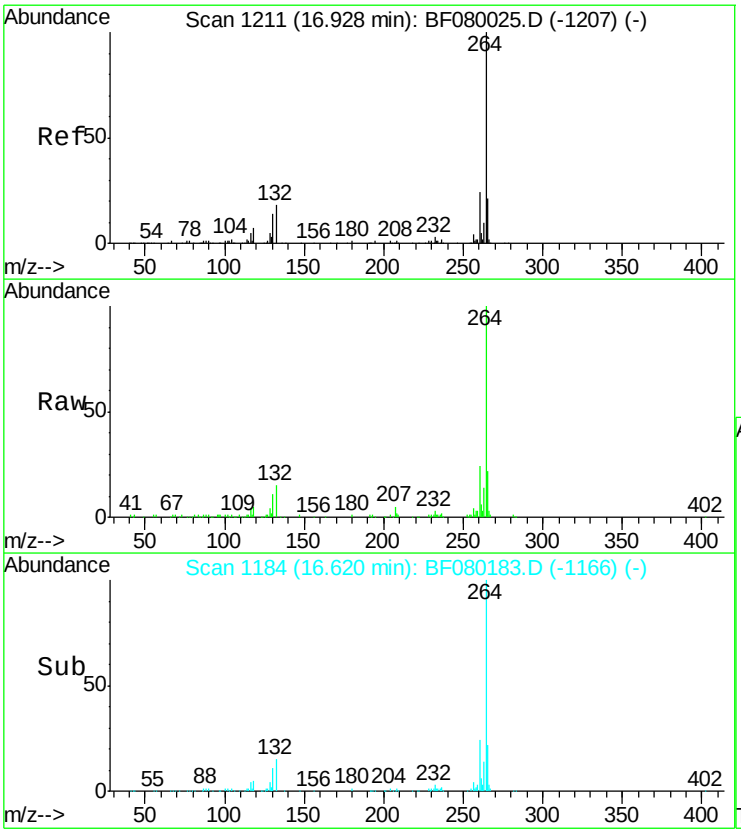
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.58 ng
RT: 18.44 min Scan# 1343
Delta R.T. -0.11 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:276 Resp: 34574

Ion	Ratio	Lower	Upper
276	100		
138	20.2	25.7	38.5#
277	22.9	15.6	23.4

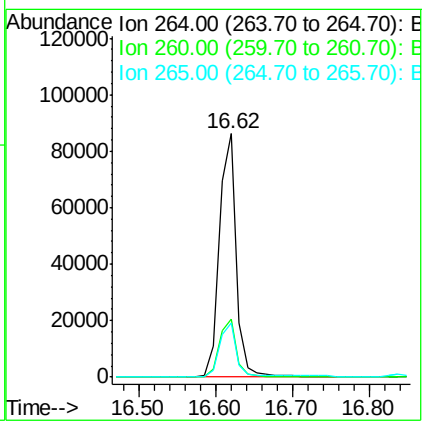


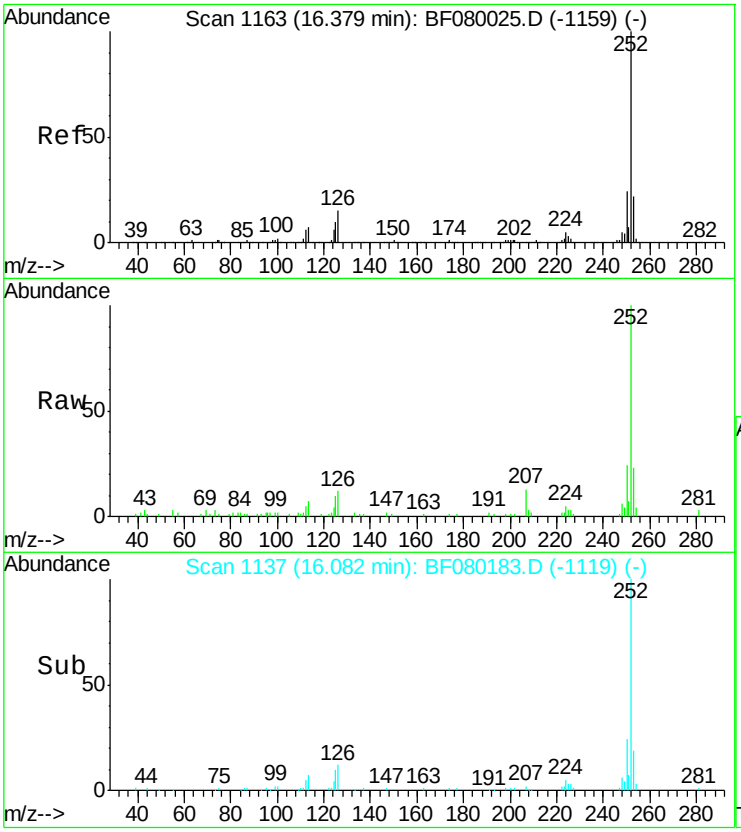


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.62 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:264 Resp: 133337

Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	22.2	17.2	25.8



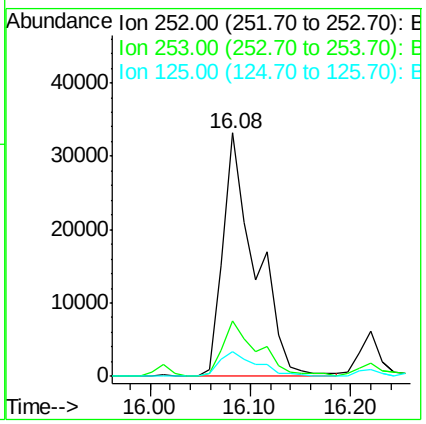


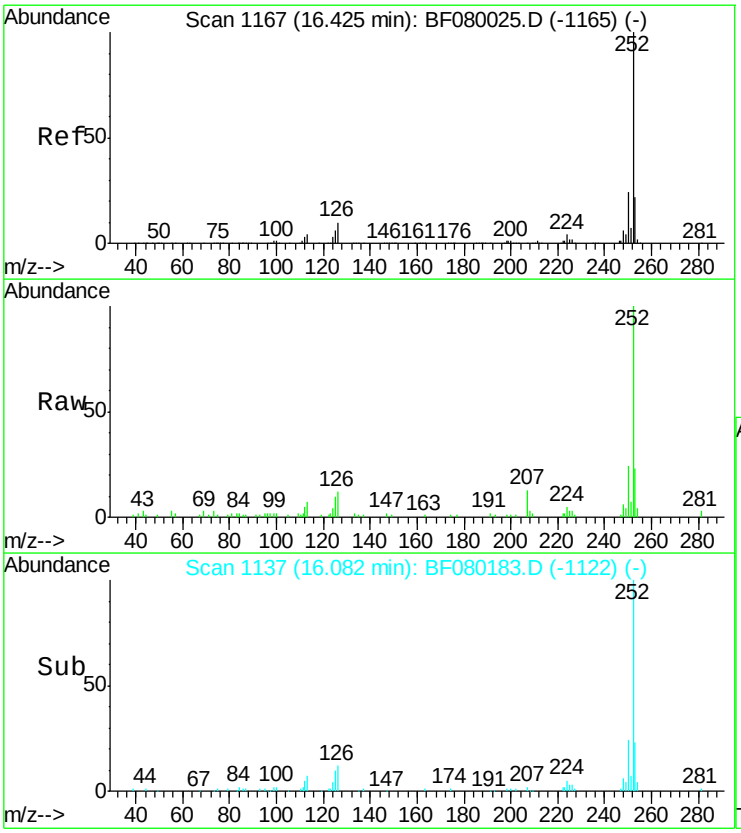
#87
Benzo(b)fluoranthene
Concen: 9.28 ng
RT: 16.08 min Scan# 1137
Delta R.T. -0.09 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:252 Resp: 74926

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.1	17.1	25.7#

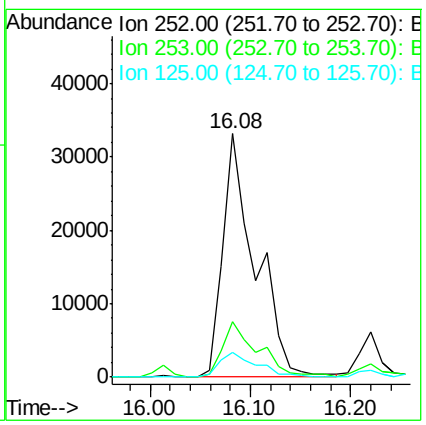


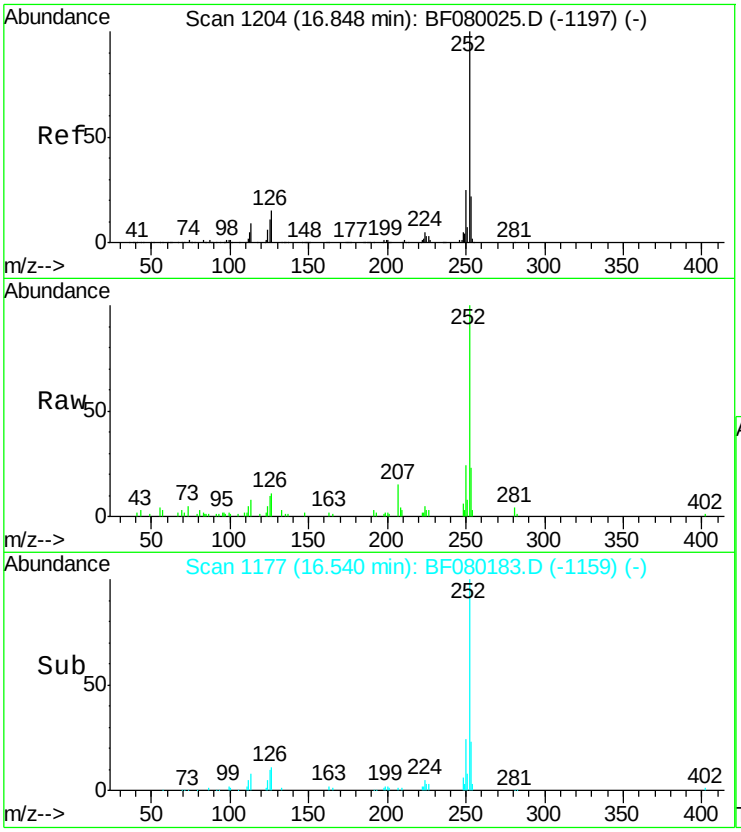


#88
Benzo(k)fluoranthene
Concen: 9.11 ng
RT: 16.08 min Scan# 1137
Delta R.T. -0.13 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:252 Resp: 74926

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	10.1	16.0	24.0#



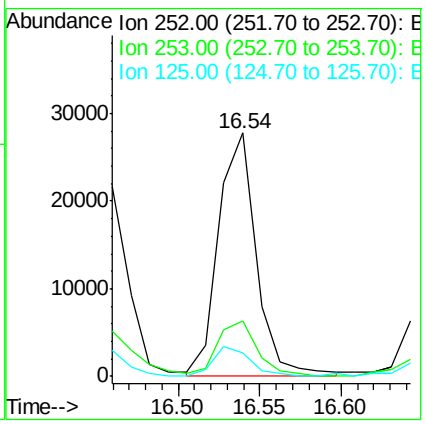


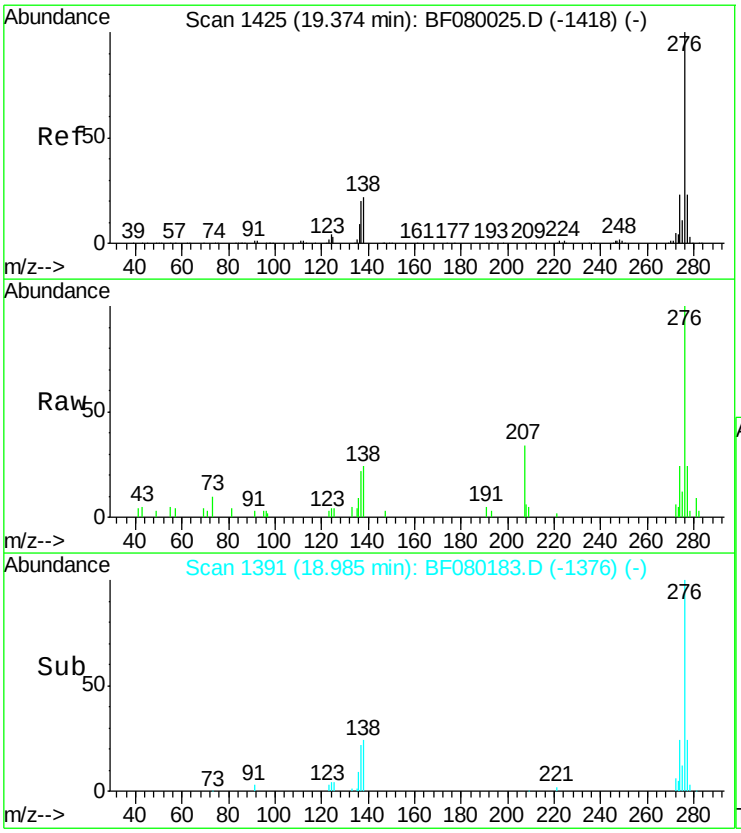
#89
Benzo(a)pyrene
Concen: 5.82 ng
RT: 16.54 min Scan# 1177
Delta R.T. -0.09 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
LAR9819RE

Tgt Ion:252 Resp: 44651

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	9.8	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 4.35 ng
RT: 18.99 min Scan# 1391
Delta R.T. -0.13 min
Lab File: BF080183.D
Acq: 26 Jun 2015 00:55

Tgt Ion:276 Resp: 34434

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.8	26.6
138	23.7	34.6	51.8#