Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080149.D
Acq On : 25 Jun 2015 1:39
Operator : TP/IZ
Sample : G2747-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-76(8-10)

Quant Time: Jun 25 04:58:06 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	46265	20.00	ng		0.00
21) Naphthalene-d8	8.61	136	171445	20.00	ng		0.00
38) Acenaphthene-d10	10.38	164	86981	20.00	ng		0.00
63) Phenanthrene-d10	11.88	188	180577	20.00	ng		-0.01
75) Chrysene-d12	14.77	240	184799	20.00	ng		-0.16
86) Perylene-d12	16.60	264	190848	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	5.92	112	291875	111.68	ng		0.00
7) Phenol-d6	6.92	99	403595	116.04	ng		0.00
23) Nitrobenzene-d5	7.86	82	213465	72.48	ng		-0.01
41) 2,4,6-Tribromophenol	11.17	330	100418	118.06	ng		0.00
44) 2-Fluorobiphenyl	9.68	172	469922	77.05	ng		0.00
78) Terphenyl-d14	13.53	244	539881	68.23	ng		-0.08
Target Compounds							Qvalue
48) Acenaphthylene	10.24	152	60514	6.31	ng		98
49) Dimethylphthalate	10.07	163	42922	6.56	ng	#	97
70) Phenanthrene	11.90	178	32822	3.00	ng		96
71) Anthracene	11.96	178	27509	2.61	ng		98
74) Fluoranthene	13.15	202	72463	6.22	ng		87
77) Pyrene	13.39	202	116661m	10.25	ng		
80) Benzo(a)anthracene	14.76	228	84328	7.49	ng	#	68
82) Chrysene	14.80	228	96228m	9.27	ng		
85) Indeno(1,2,3-cd)pyrene	18.43	276	92591	7.07	ng	#	87
87) Benzo(b)fluoranthene	16.07	252	117273m	10.15	ng		
88) Benzo(k)fluoranthene	16.09	252	48939m	4.16	ng		
89) Benzo(a)pyrene	16.52	252	103801	9.46	ng	#	87
90) Dibenzo(a,h)anthracene	18.44	278	40224	3.58	ng	#	80
91) Benzo(g,h,i)perylene	18.97	276	100818	8.89	ng	#	77

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080149.D
Acq On : 25 Jun 2015 1:39
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Misc :
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Instrument :
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SB-76(8-10)

Quant Time: Jun 25 04:58:06 2015
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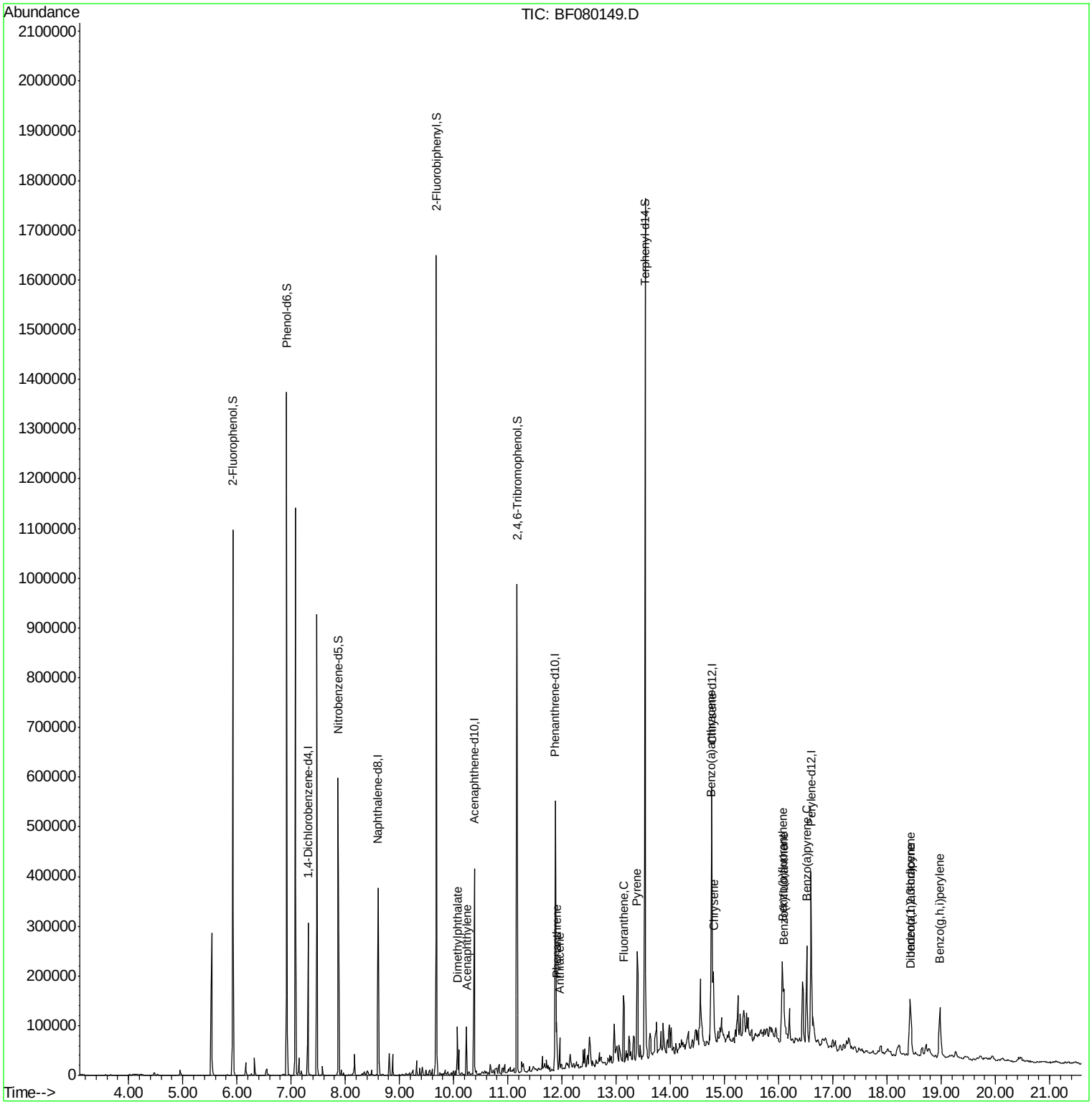
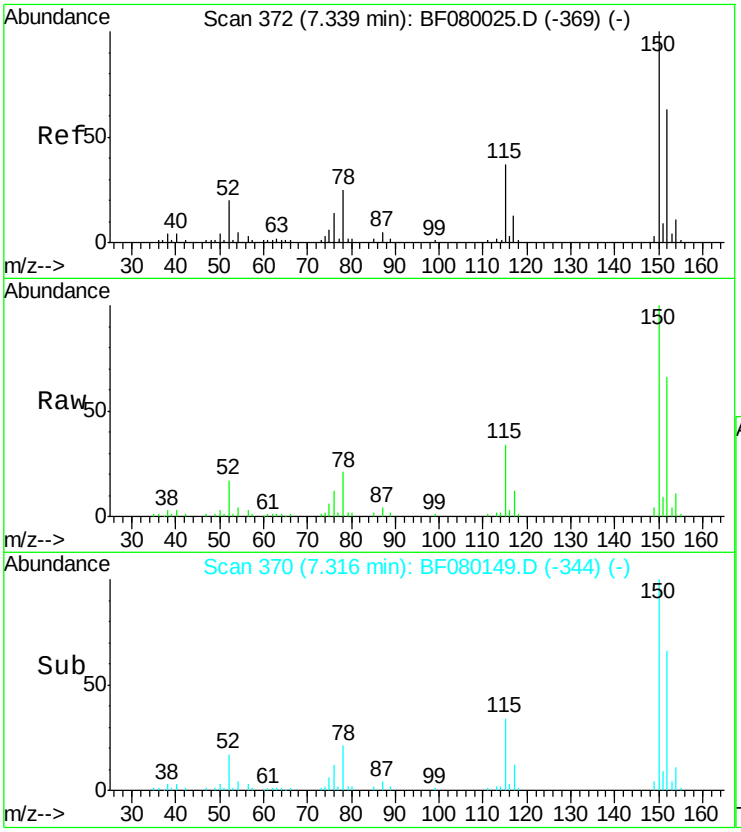
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 00:52:28 2015
Response via : Initial Calibration



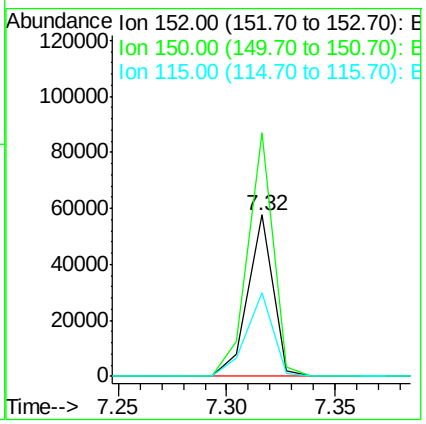


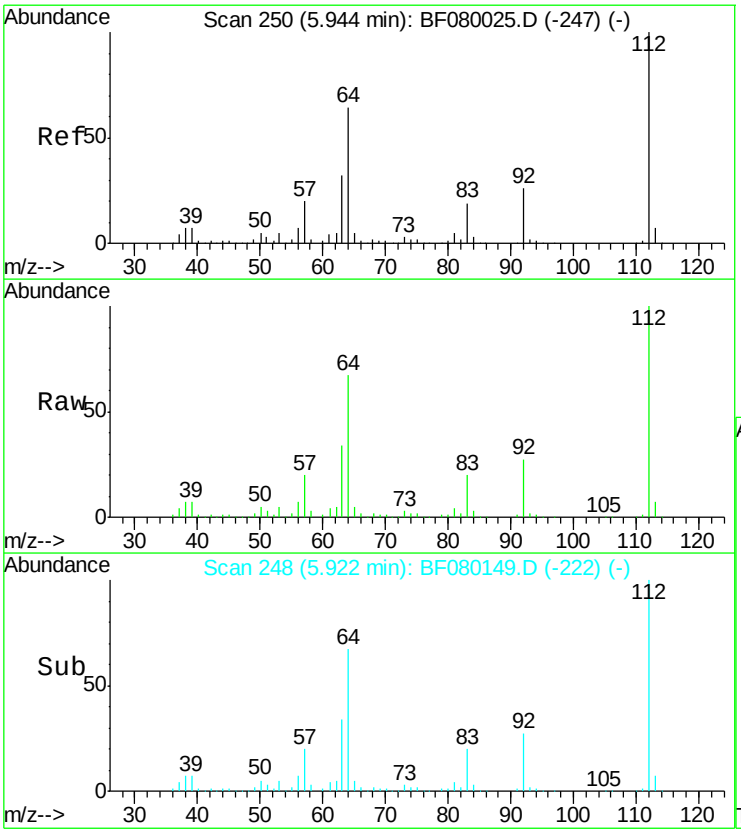
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion:152 Resp: 46265

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.7	187.1
115	51.9	39.0	58.4

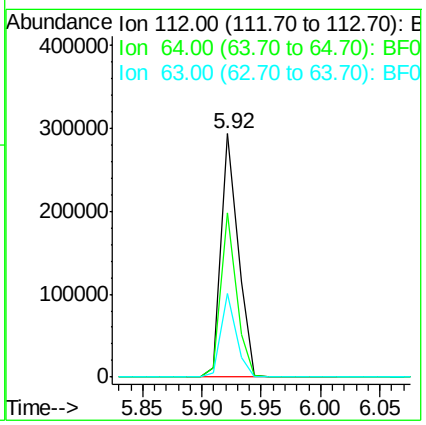


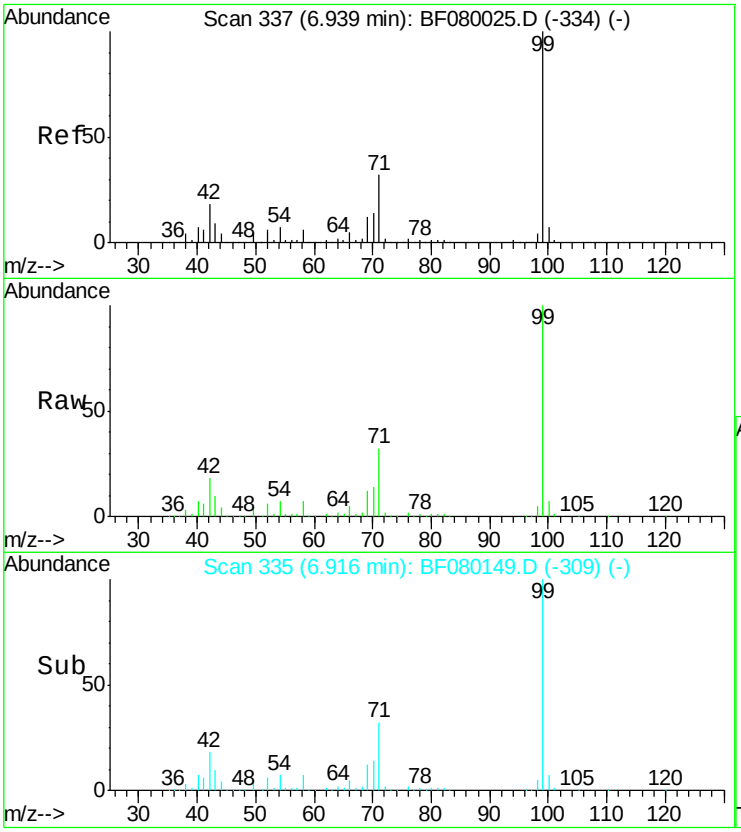


#5
2-Fluorophenol
Concen: 111.68 ng
RT: 5.92 min Scan# 248
Delta R.T. 0.00 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:112 Resp: 291875

Ion	Ratio	Lower	Upper
112	100		
64	67.4	39.7	59.5#
63	34.2	17.4	26.0#



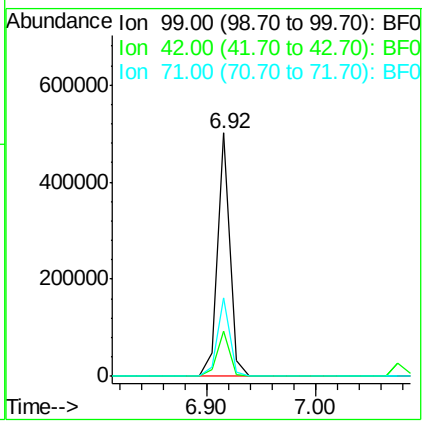


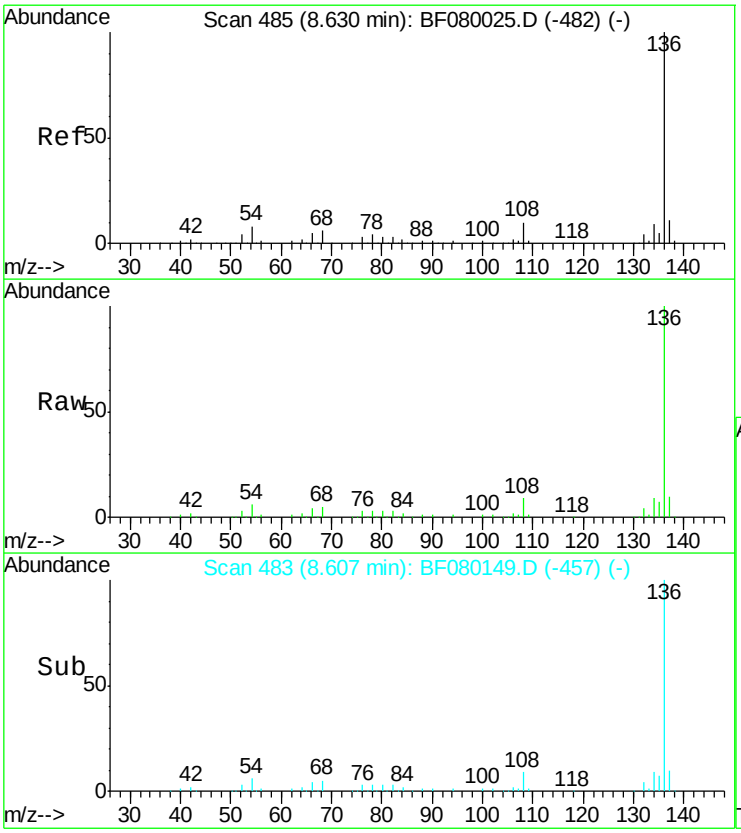
#7
Phenol-d6
Concen: 116.04 ng
RT: 6.92 min Scan# 335
Delta R.T. 0.00 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion: 99 Resp: 403595

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.7	20.5
71	32.5	14.2	21.2#

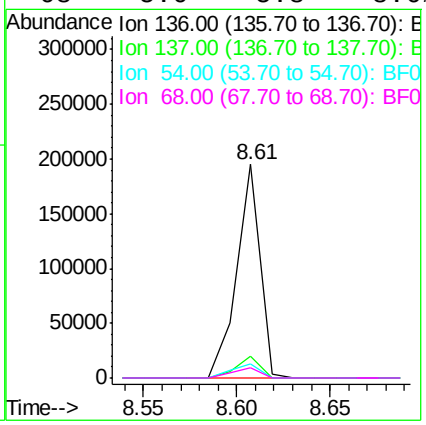


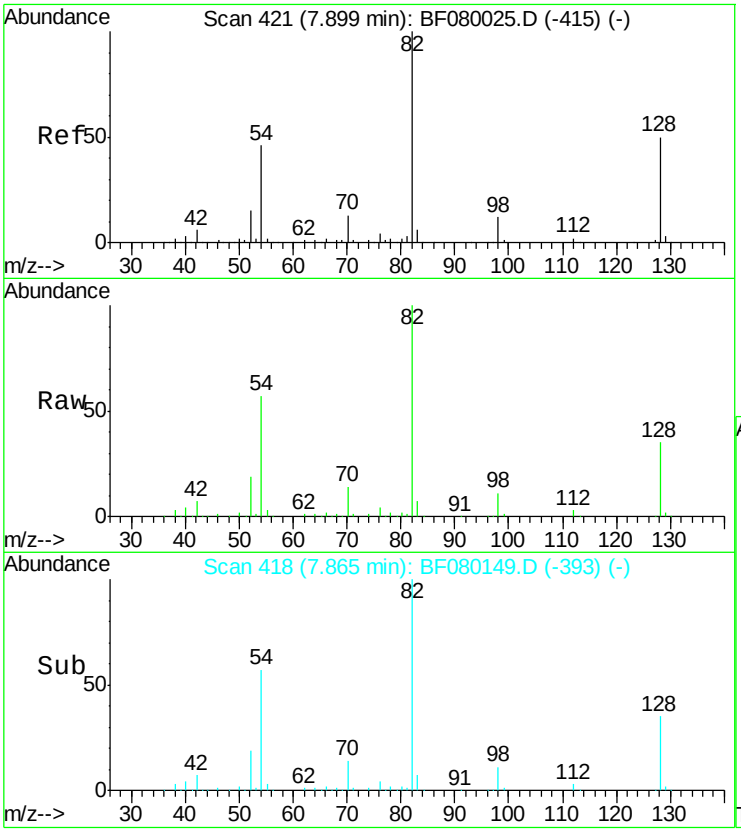


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:136 Resp: 171445

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	6.4	8.2	12.2#
68	5.0	5.8	8.6#



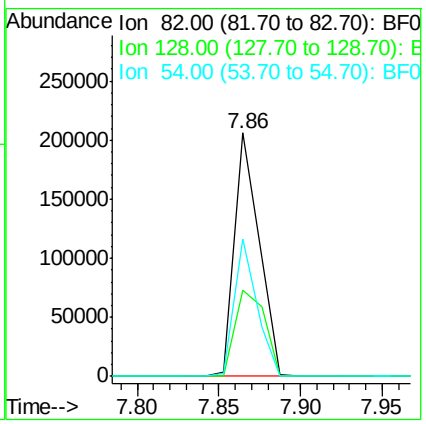


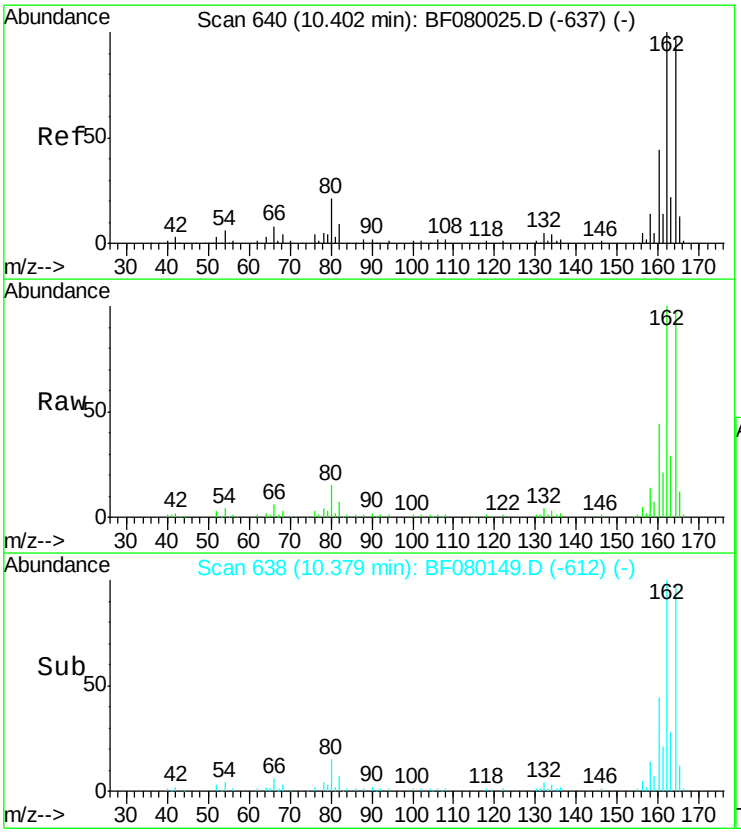
#23
Nitrobenzene-d5
Concen: 72.48 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion: 82 Resp: 213465

Ion	Ratio	Lower	Upper
82	100		
128	35.3	51.0	76.6#
54	56.6	47.5	71.3

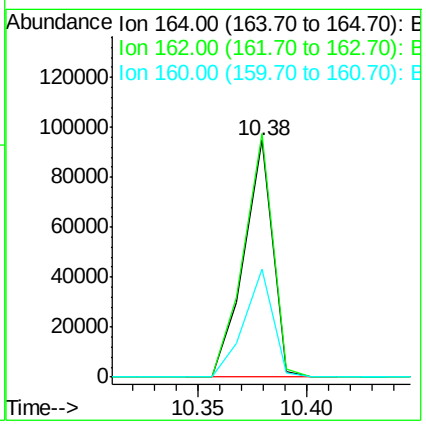


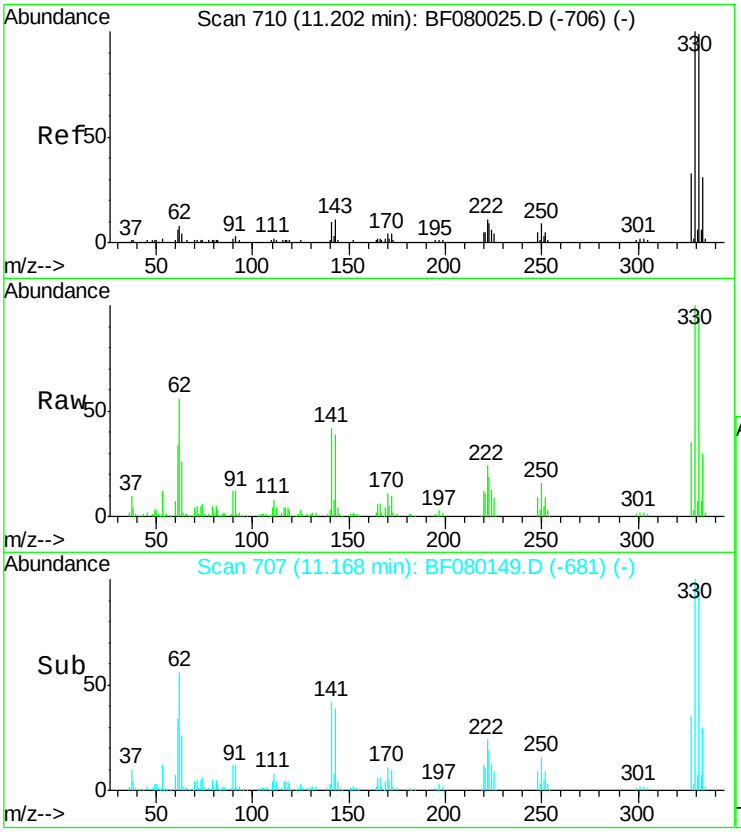


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:164 Resp: 86981

Ion	Ratio	Lower	Upper
164	100		
162	102.7	75.2	112.8
160	45.5	31.5	47.3



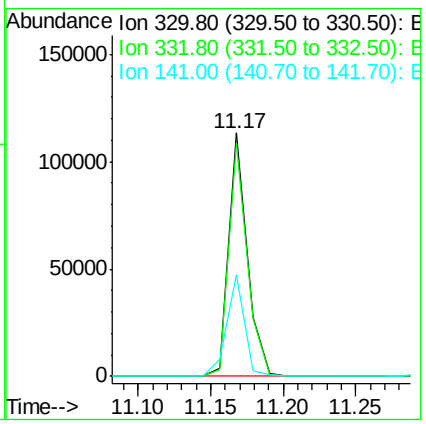


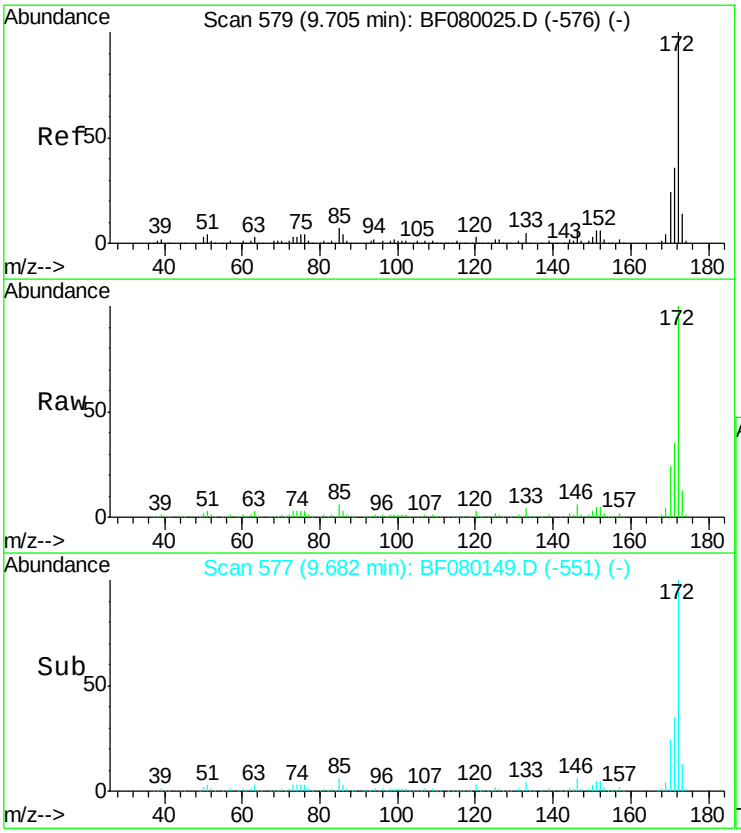
#41
2,4,6-Tribromophenol
Concen: 118.06 ng
RT: 11.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion:330 Resp: 100418

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	40.5	29.7	44.5

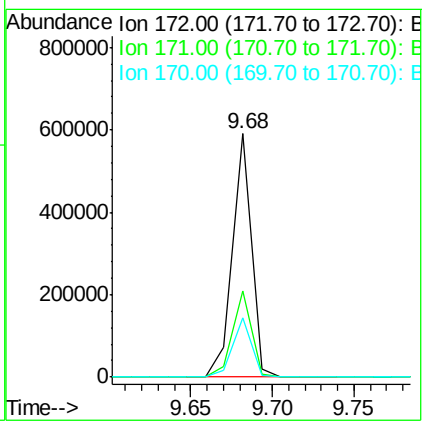


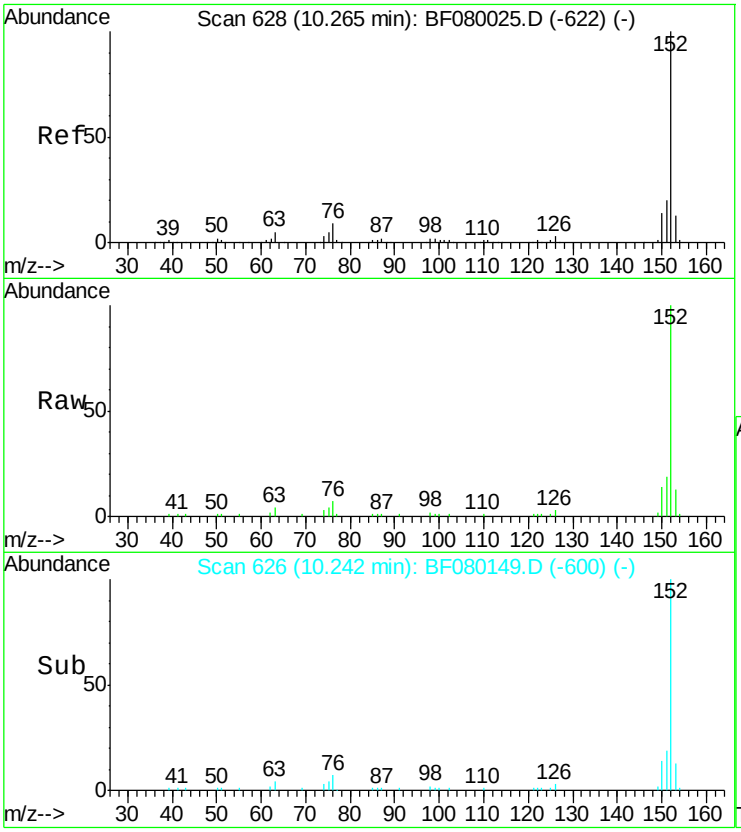


#44
2-Fluorobiphenyl
Concen: 77.05 ng
RT: 9.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:172 Resp: 469922

Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	24.2	17.4	26.2



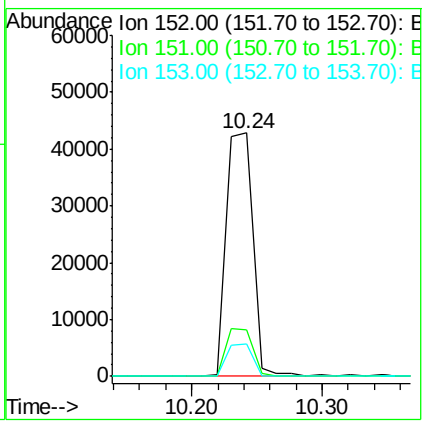


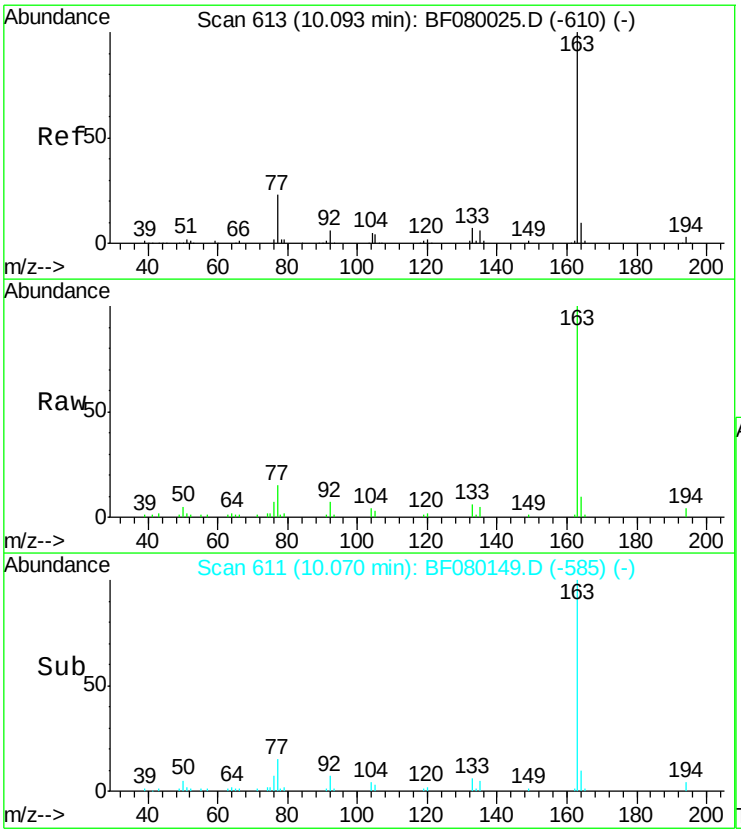
#48
Acenaphthylene
Concen: 6.31 ng
RT: 10.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion:152 Resp: 60514

Ion	Ratio	Lower	Upper
152	100		
151	19.2	14.6	22.0
153	13.3	10.3	15.5

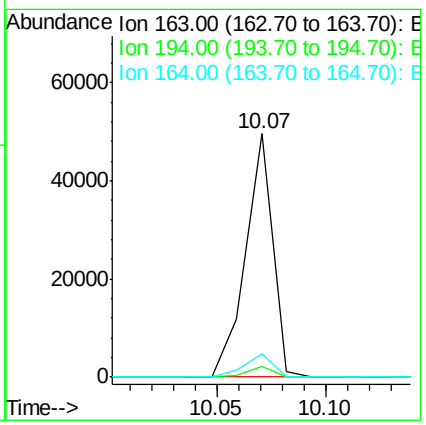


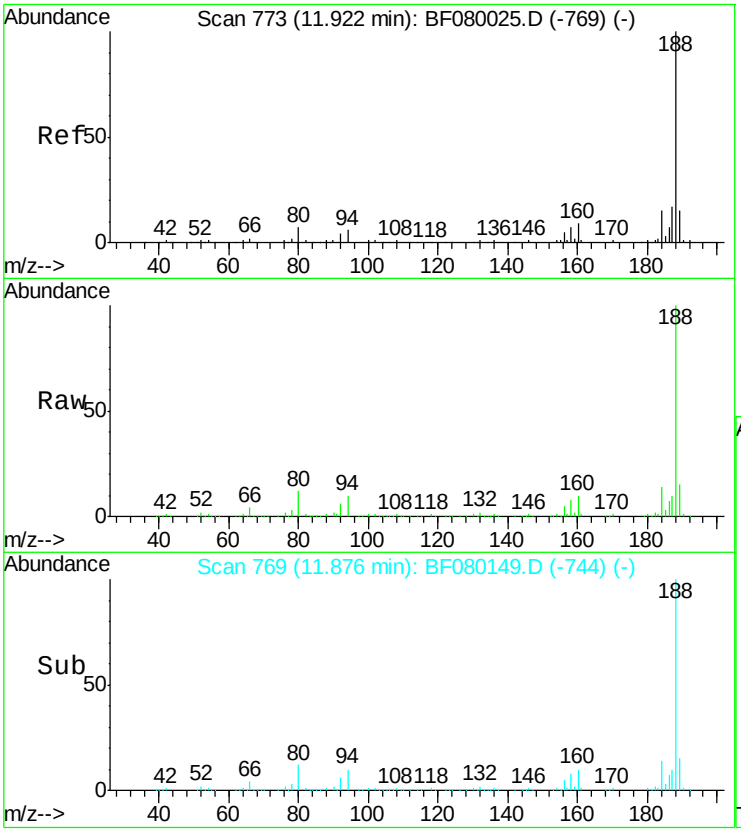


#49
Dimethylphthalate
Concen: 6.56 ng
RT: 10.07 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:163 Resp: 42922

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.4	6.6#
164	9.6	8.3	12.5



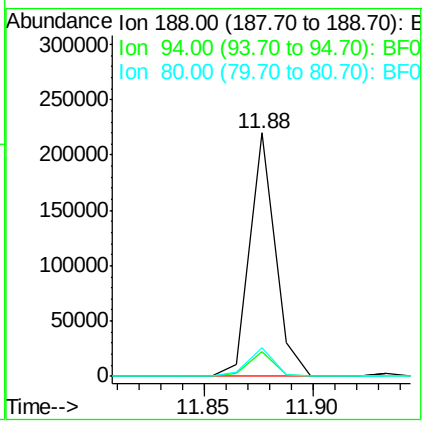


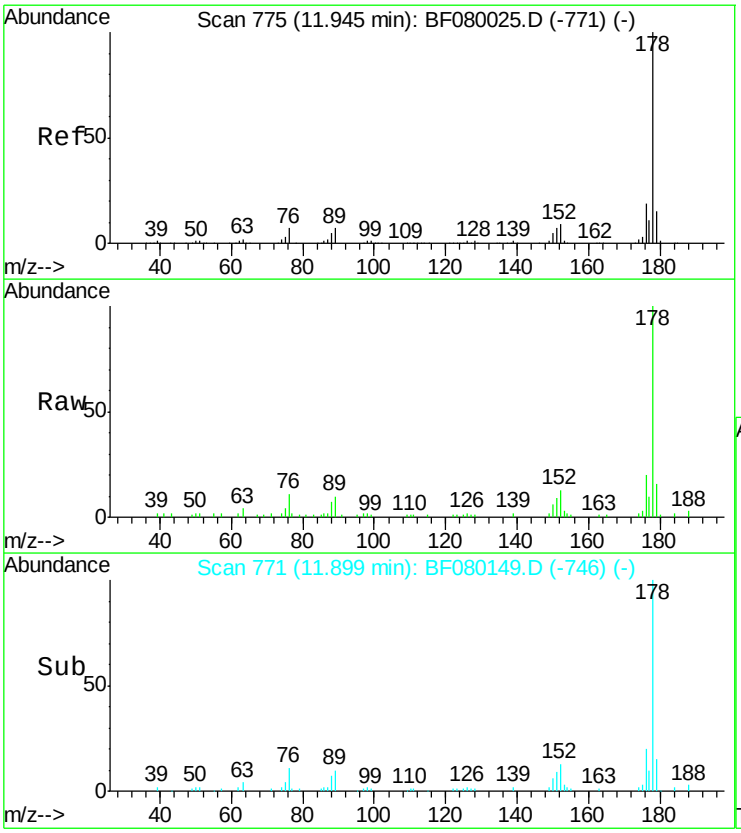
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion:188 Resp: 180577

Ion	Ratio	Lower	Upper
188	100		
94	10.0	11.1	16.7#
80	11.6	11.0	16.4

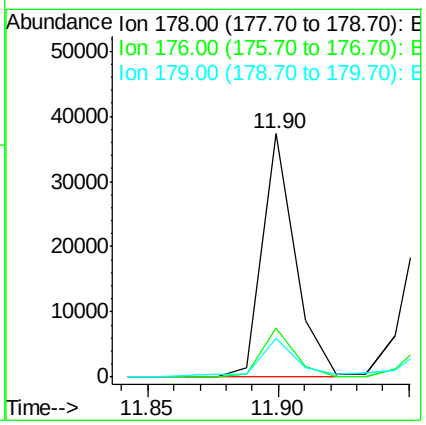


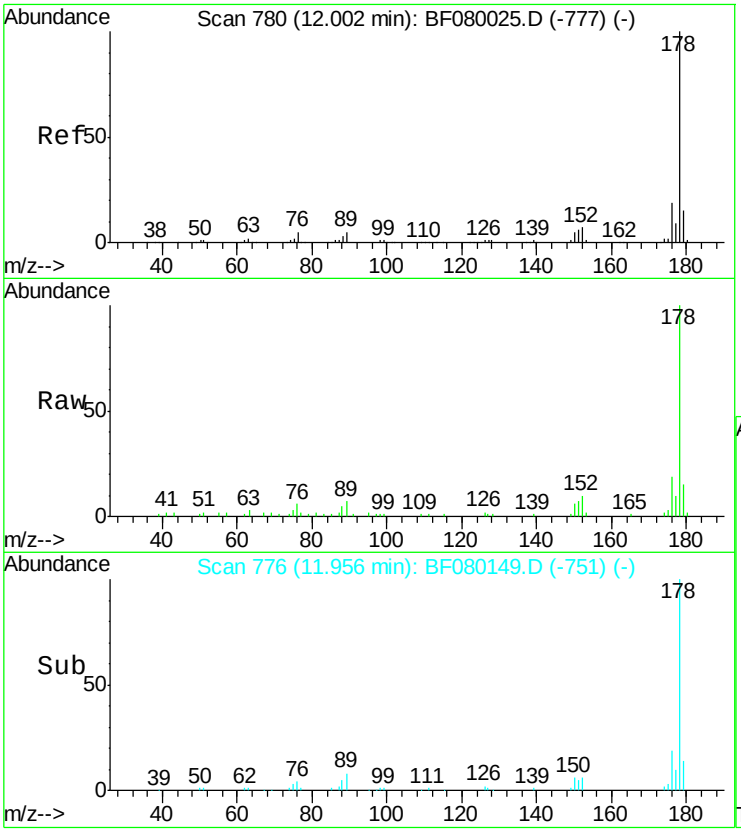


#70
Phenanthrene
Concen: 3.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:178 Resp: 32822

Ion	Ratio	Lower	Upper
178	100		
176	20.0	13.8	20.8
179	15.7	12.2	18.2



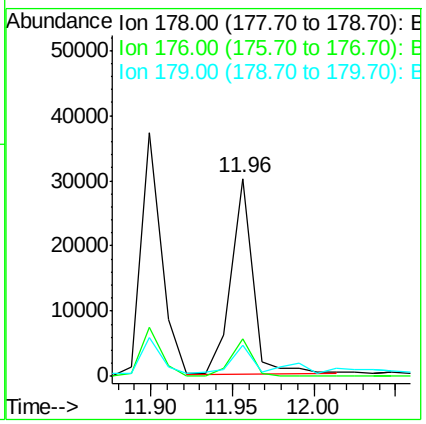


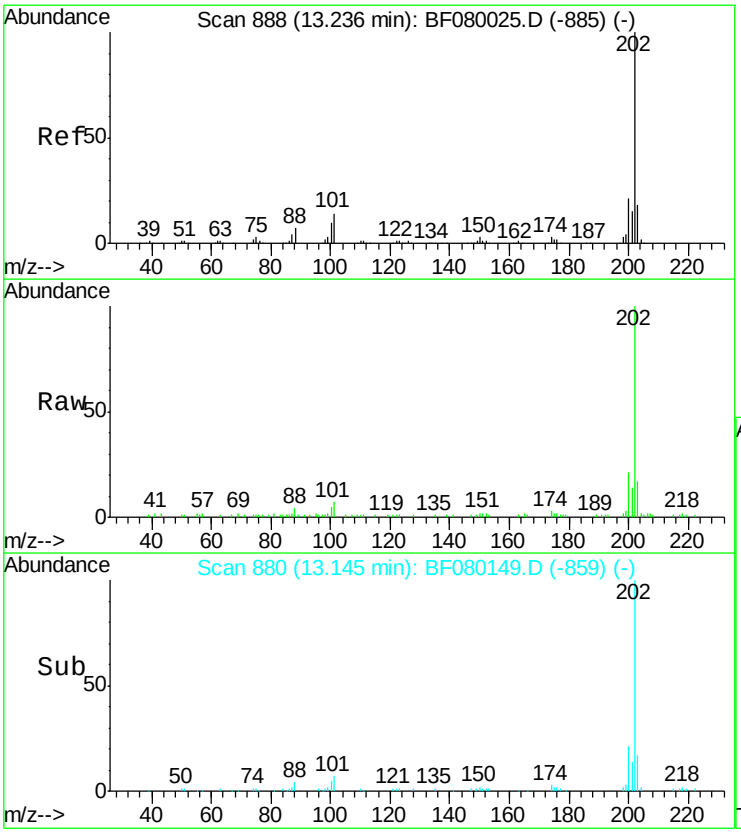
#71
Anthracene
Concen: 2.61 ng
RT: 11.96 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion:178 Resp: 27509

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.1	21.1
179	15.5	12.2	18.2

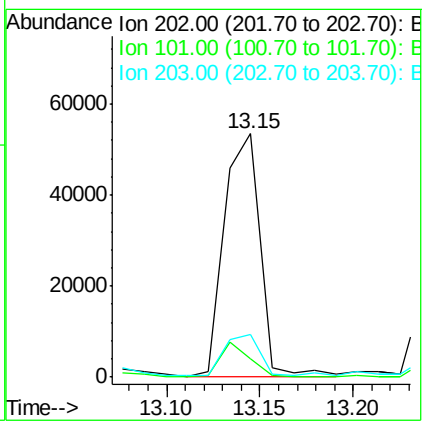


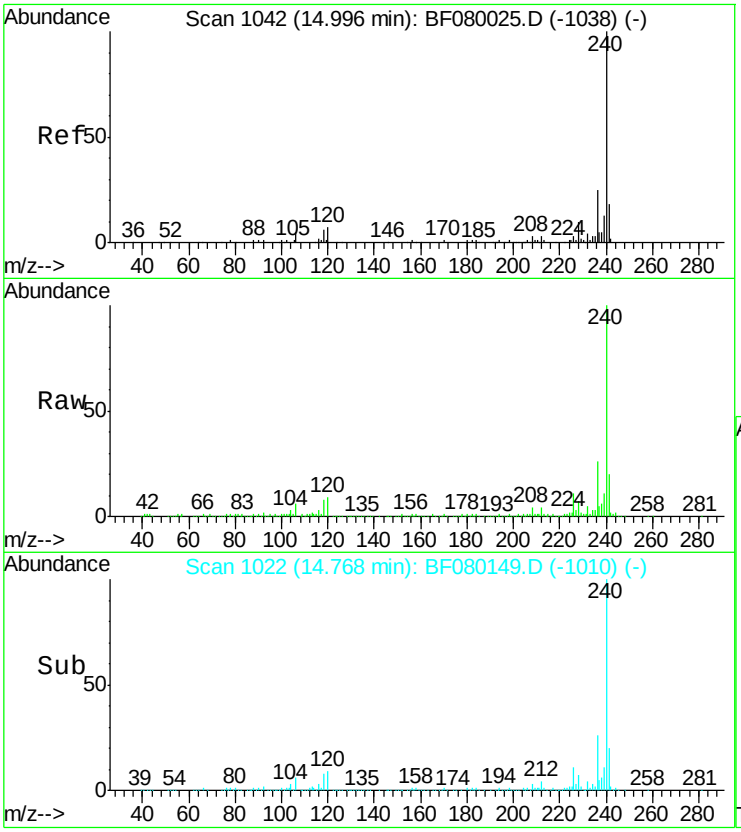


#74
Fluoranthene
Concen: 6.22 ng
RT: 13.15 min Scan# 880
Delta R.T. -0.06 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:202 Resp: 72463

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	38.3
203	17.3	0.0	37.3



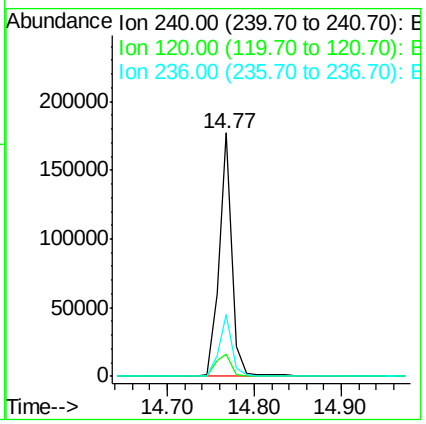


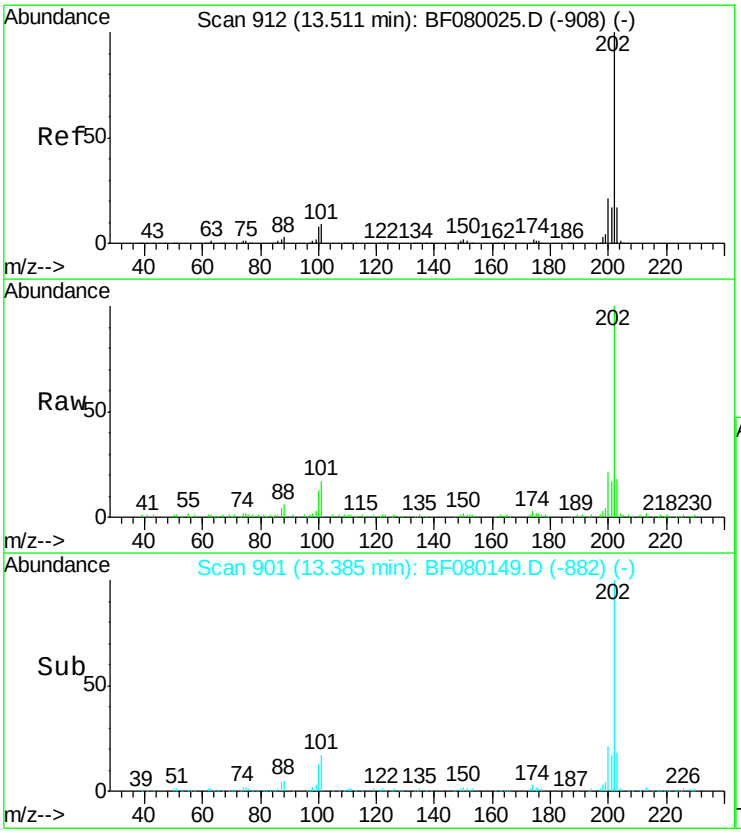
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1022
Delta R.T. -0.16 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion:240 Resp: 184799

Ion	Ratio	Lower	Upper
240	100		
120	9.0	16.2	24.2#
236	25.7	18.4	27.6

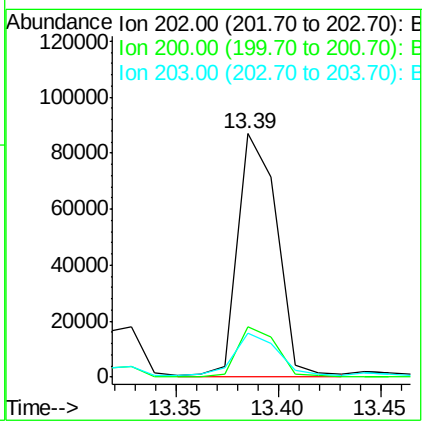


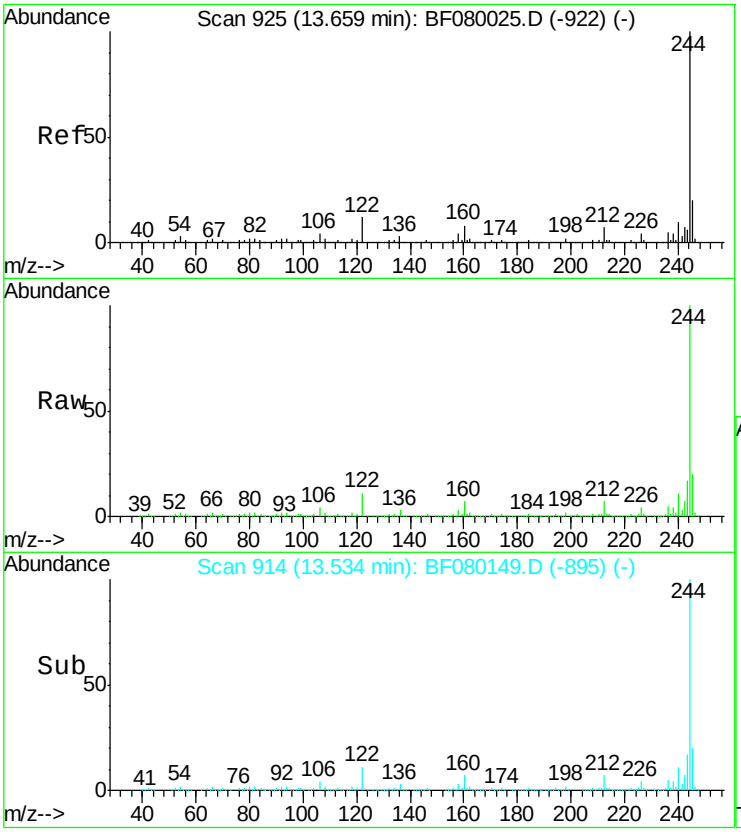


#77
Pyrene
Concen: 10.25 ng m
RT: 13.39 min Scan# 901
Delta R.T. -0.08 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:202 Resp: 116661

Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.0	22.4
203	18.0	14.1	21.1



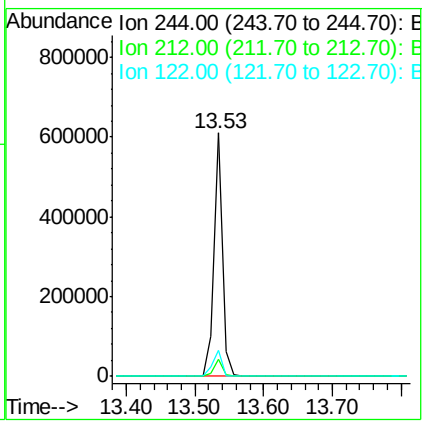


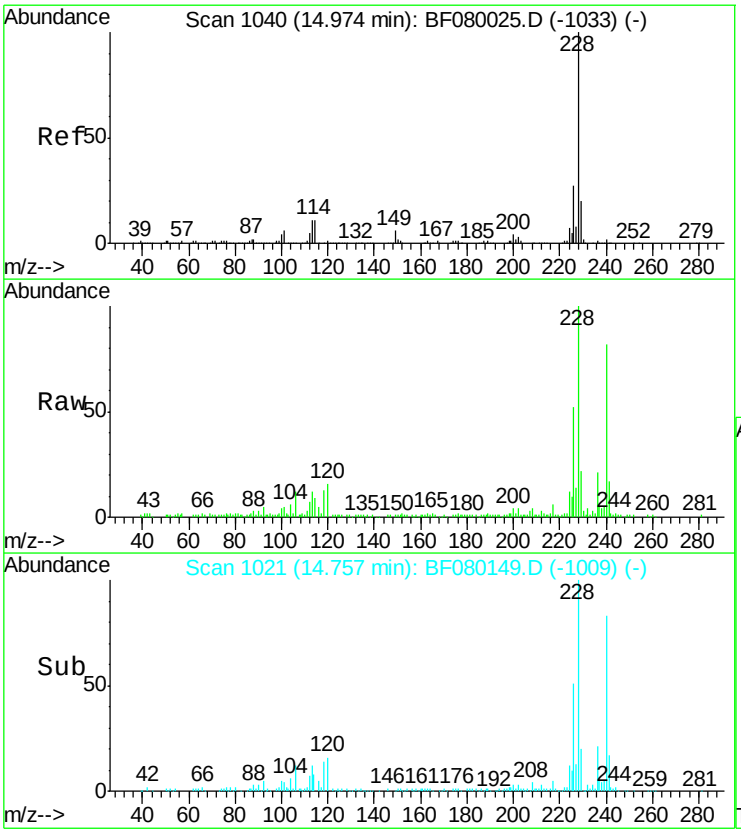
#78
Terphenyl-d14
Concen: 68.23 ng
RT: 13.53 min Scan# 914
Delta R.T. -0.08 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion:244 Resp: 539881

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	10.8	17.4	26.2#

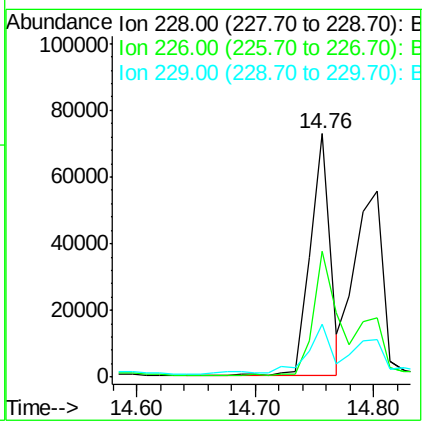


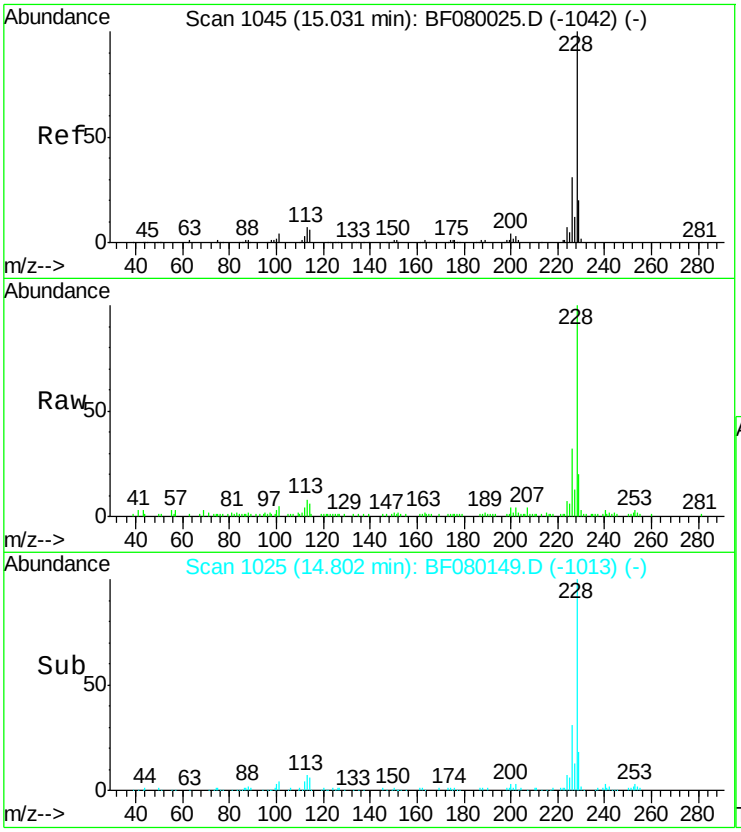


#80
Benzo(a)anthracene
Concen: 7.49 ng
RT: 14.76 min Scan# 1021
Delta R.T. -0.16 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:228 Resp: 84328

Ion	Ratio	Lower	Upper
228	100		
226	51.7	20.0	30.0#
229	21.5	15.4	23.2



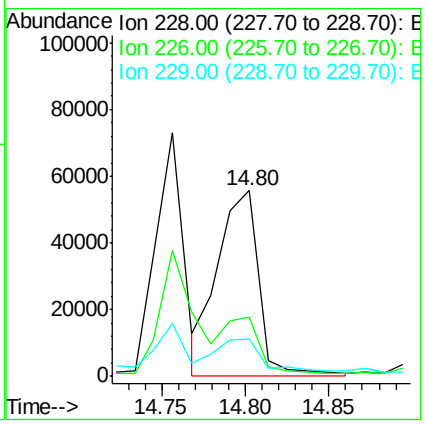


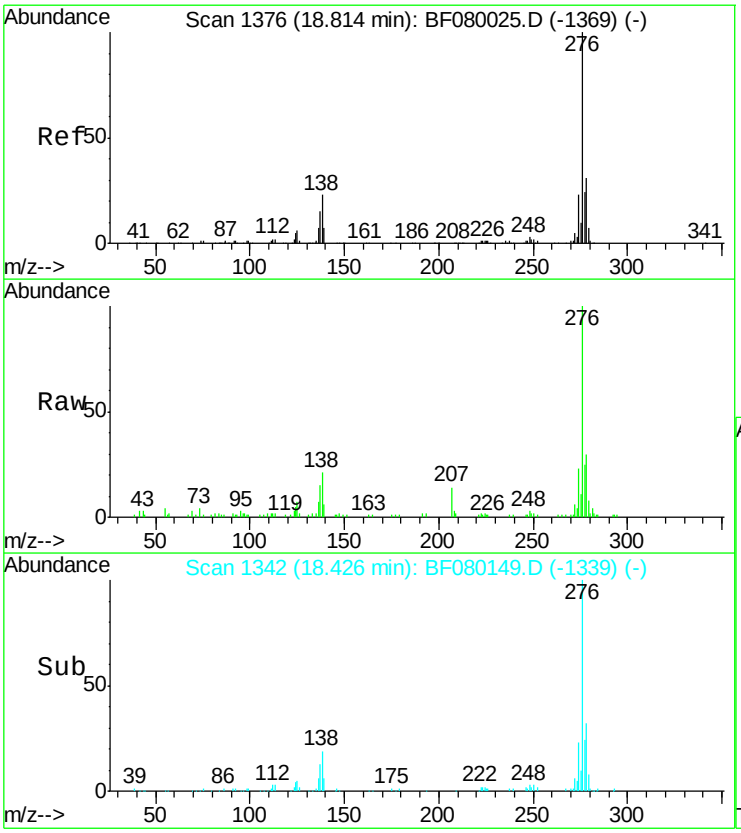
#82
Chrysene
Concen: 9.27 ng m
RT: 14.80 min Scan# 1025
Delta R.T. -0.16 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion:228 Resp: 96228

Ion	Ratio	Lower	Upper
228	100		
226	31.7	21.0	31.4#
229	20.3	15.6	23.4

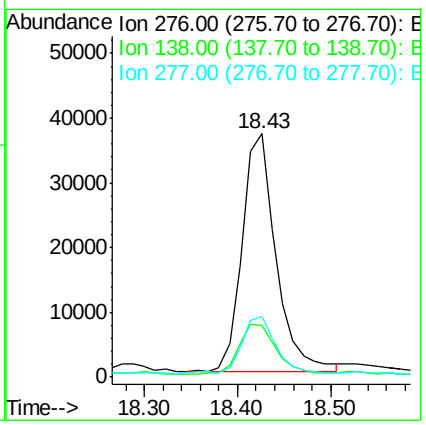


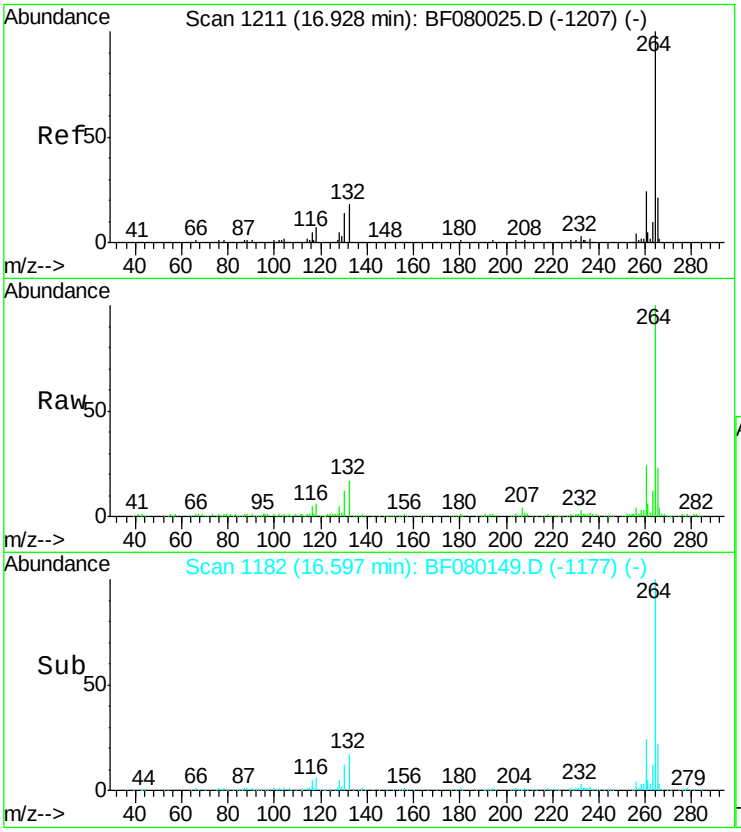


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.07 ng
RT: 18.43 min Scan# 1342
Delta R.T. -0.26 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:276 Resp: 92591

Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.7	38.5#
277	24.6	15.6	23.4#



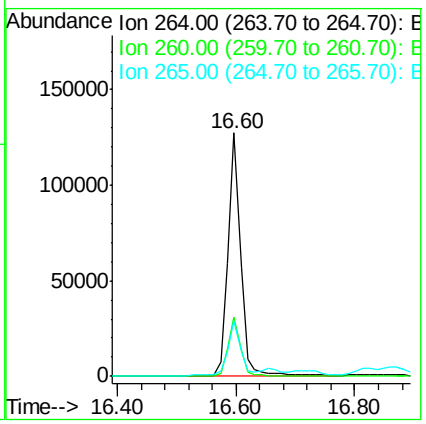


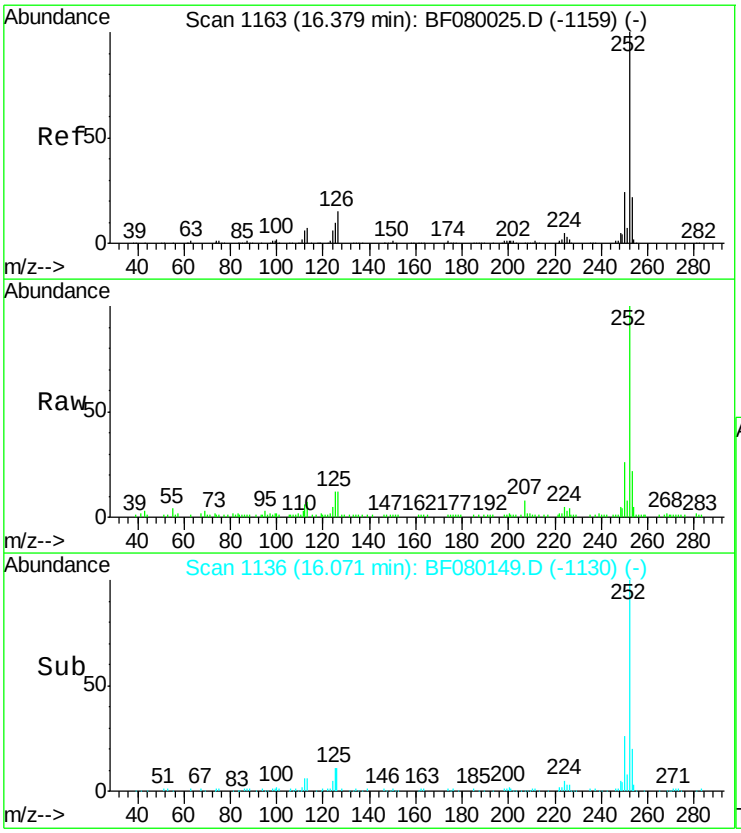
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.60 min Scan# 1182
Delta R.T. -0.24 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion:264 Resp: 190848

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	22.9	17.2	25.8

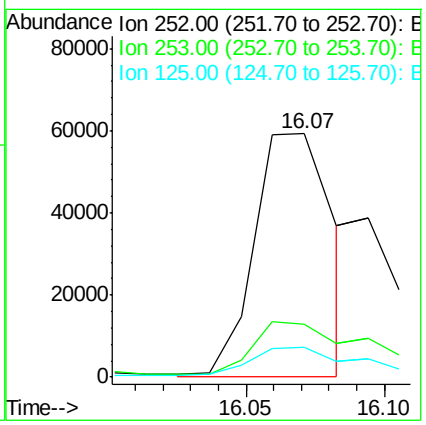


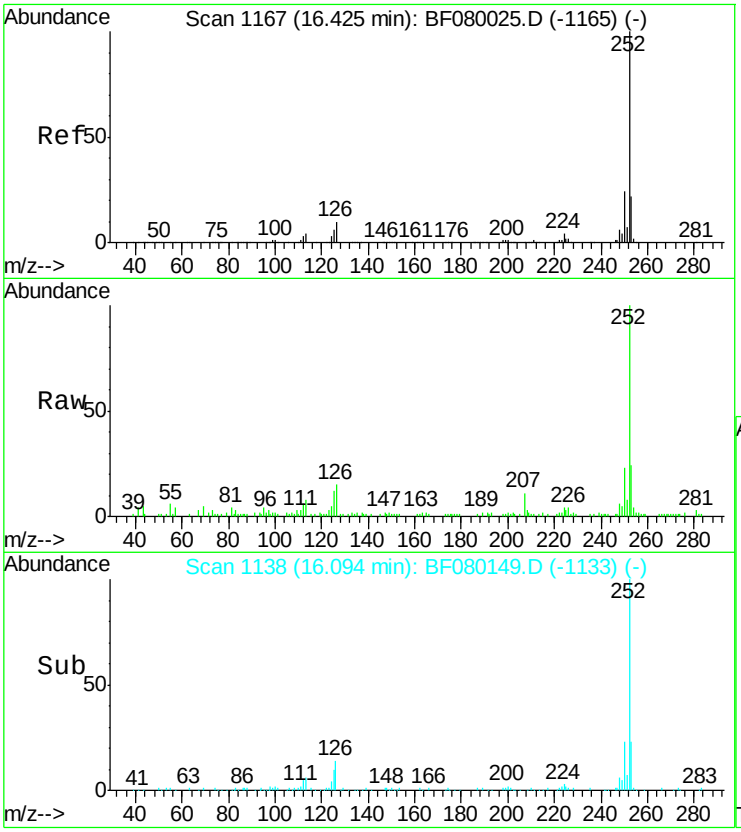


#87
Benzo(b)fluoranthene
Concen: 10.15 ng m
RT: 16.07 min Scan# 1136
Delta R.T. -0.23 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:252 Resp: 117273

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	12.1	17.1	25.7#



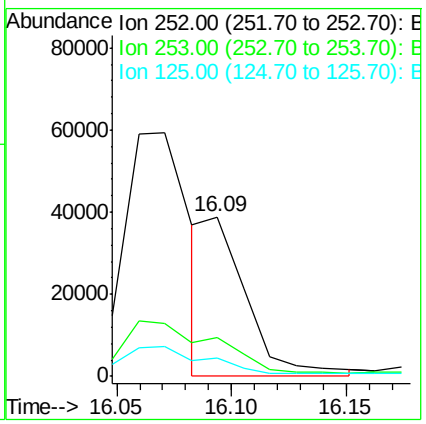


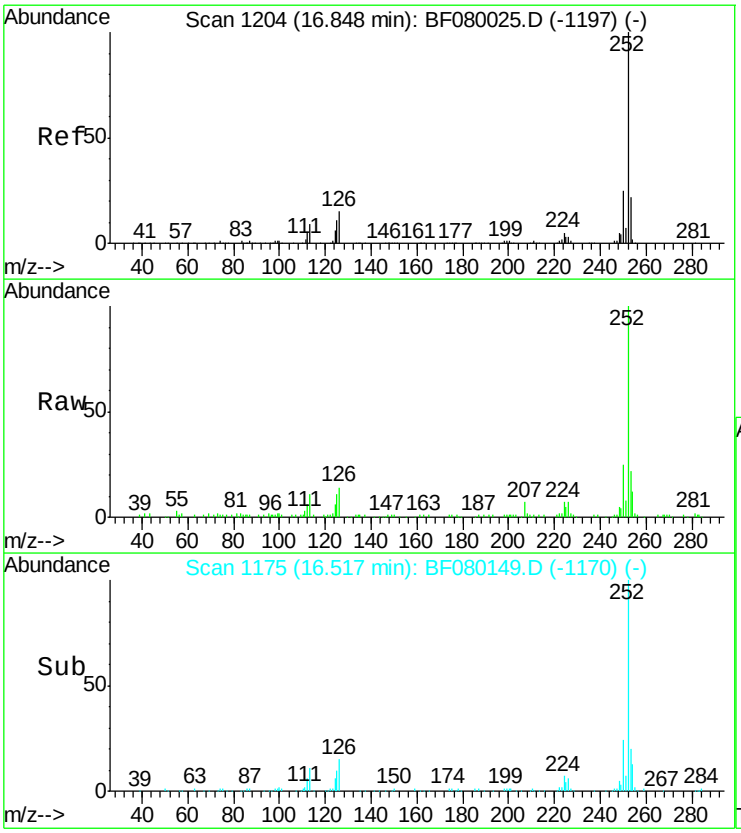
#88
Benzo(k)fluoranthene
Concen: 4.16 ng m
RT: 16.09 min Scan# 1138
Delta R.T. -0.24 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion:252 Resp: 48939

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.4
125	11.8	16.0	24.0#

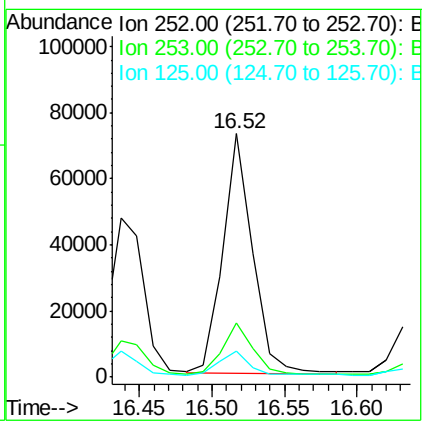


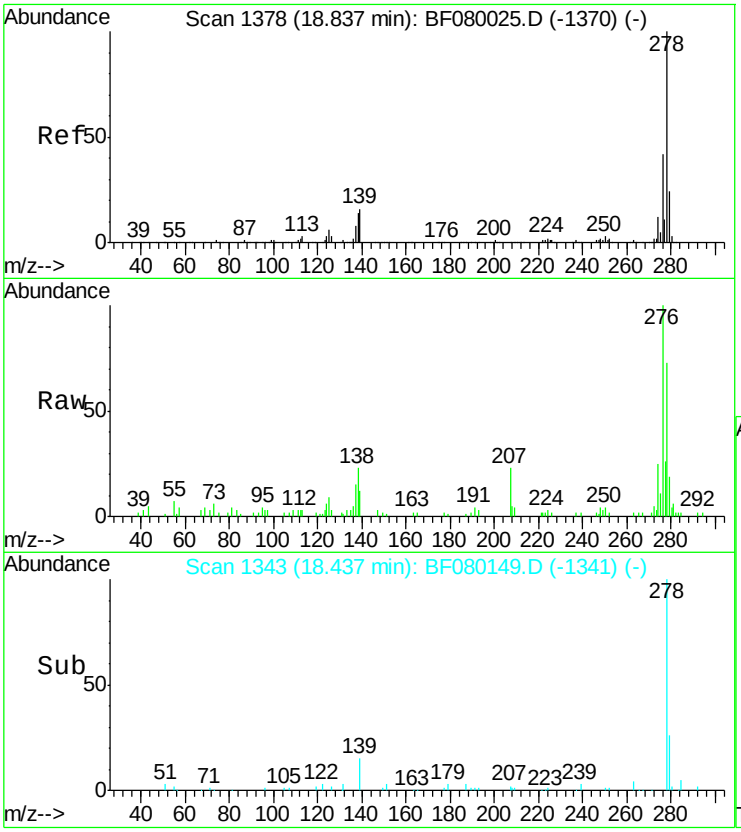


#89
Benzo(a)pyrene
Concen: 9.46 ng
RT: 16.52 min Scan# 1175
Delta R.T. -0.24 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:252 Resp: 103801

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.9	18.0	27.0#



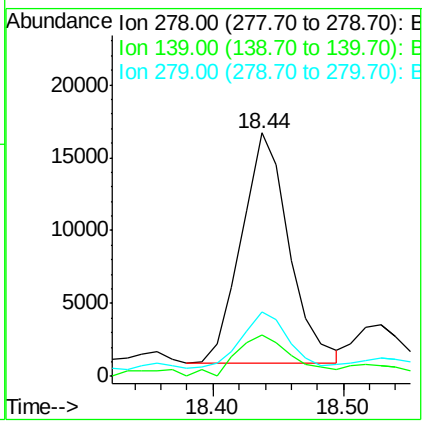


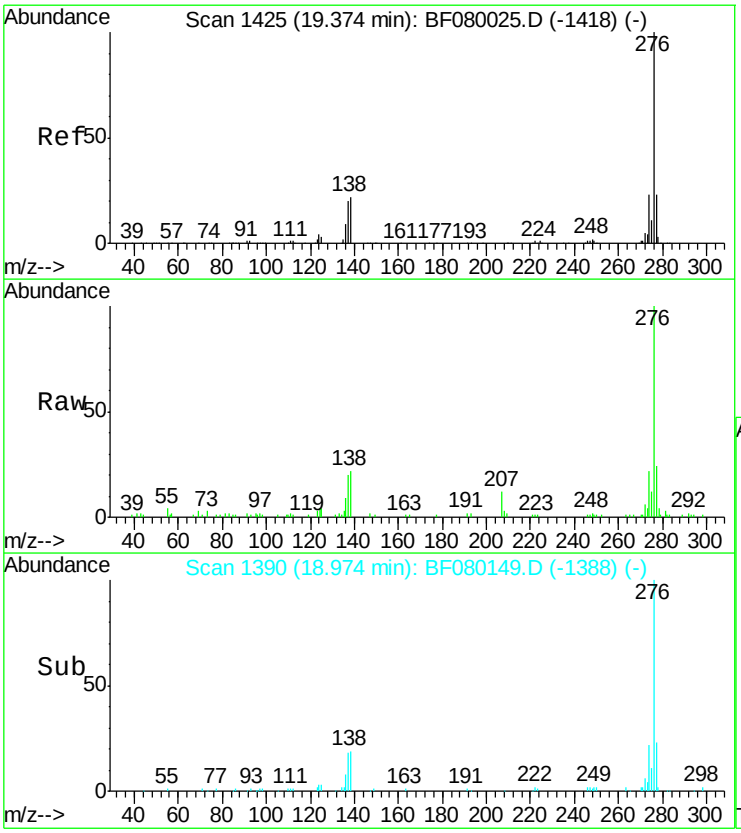
#90
Dibenzo(a,h)anthracene
Concen: 3.58 ng
RT: 18.44 min Scan# 1343
Delta R.T. -0.27 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-76(8-10)

Tgt Ion:278 Resp: 40224

Ion	Ratio	Lower	Upper
278	100		
139	17.0	26.3	39.5#
279	26.3	18.2	27.4





#91
Benzo(g,h,i)perylene
Concen: 8.89 ng
RT: 18.97 min Scan# 1390
Delta R.T. -0.27 min
Lab File: BF080149.D
Acq: 25 Jun 2015 1:39

Tgt Ion:276 Resp: 100818

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	21.9	34.6	51.8#