Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
Data File : BF079245.D
Acq On : 14 May 2015 21:34
Operator : TP/IZ
Sample : G2246-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09

Quant Time: May 15 01:14:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 00:55:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	44831	20.00	ng		0.00
21) Naphthalene-d8	8.79	136	187269	20.00	ng		-0.01
38) Acenaphthene-d10	10.97	164	91304	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	174479	20.00	ng		-0.01
75) Chrysene-d12	16.45	240	6537	20.00	ng		-0.06
86) Perylene-d12	18.83	264	1517	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	154503	59.32	ng		0.00
7) Phenol-d6	6.79	99	189936	55.17	ng		0.00
23) Nitrobenzene-d5	7.91	82	106526	32.69	ng		-0.01
41) 2,4,6-Tribromophenol	11.95	330	51834	52.48	ng		0.00
44) 2-Fluorobiphenyl	10.14	172	219548	33.50	ng		-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
48) Acenaphthylene	10.79	152	27713	2.98	ng		98
51) Acenaphthene	11.00	154	15768	2.84	ng		98
57) Fluorene	11.64	166	15830	2.41	ng		95
70) Phenanthrene	12.85	178	263778	27.02	ng		99
71) Anthracene	12.90	178	64547	6.74	ng		99
72) Carbazole	13.11	167	23387	2.56	ng		99
74) Fluoranthene	14.32	202	478622	47.06	ng		96
77) Pyrene	14.59	202	456344	1211.45	ng		96
82) Chrysene	16.54	228	759	2.20	ng	#	1
83) Bis(2-ethylhexyl)phthalate	16.54	149	1448	5.81	ng	#	52
85) Indeno(1,2,3-cd)pyrene	20.56	276	926	2.11	ng	#	100
87) Benzo(b)fluoranthene	18.17	252	583	7.02	ng	#	1
88) Benzo(k)fluoranthene	18.26	252	1606	19.98	ng	#	1
89) Benzo(a)pyrene	18.74	252	1347	17.62	ng	#	1
90) Dibenzo(a,h)anthracene	20.64	278	226	2.78	ng	#	1
91) Benzo(g,h,i)perylene	21.04	276	897	11.01	ng	#	1

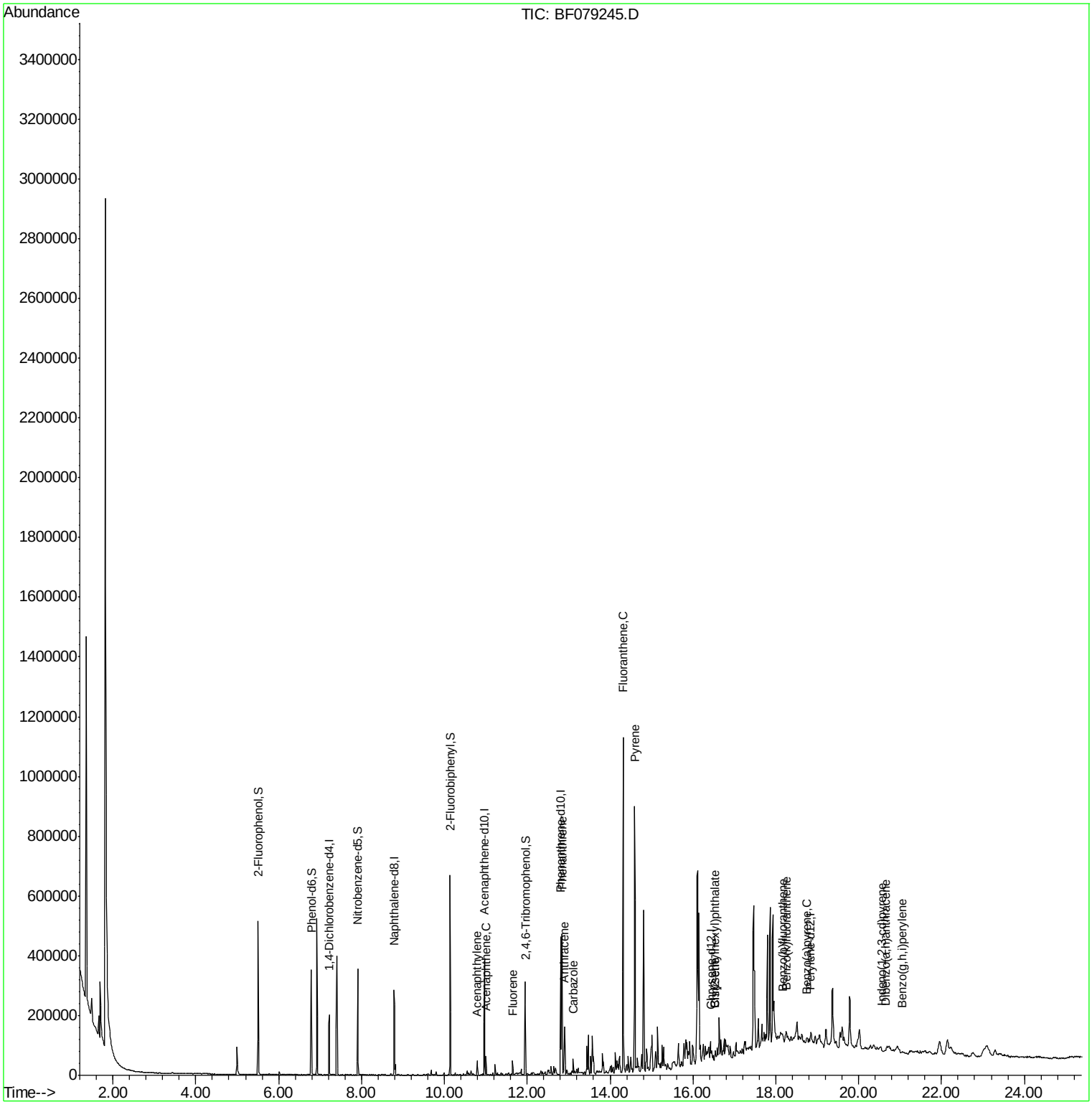
(#) = qualifier out of range (m) = manual integration (+) = signals summed

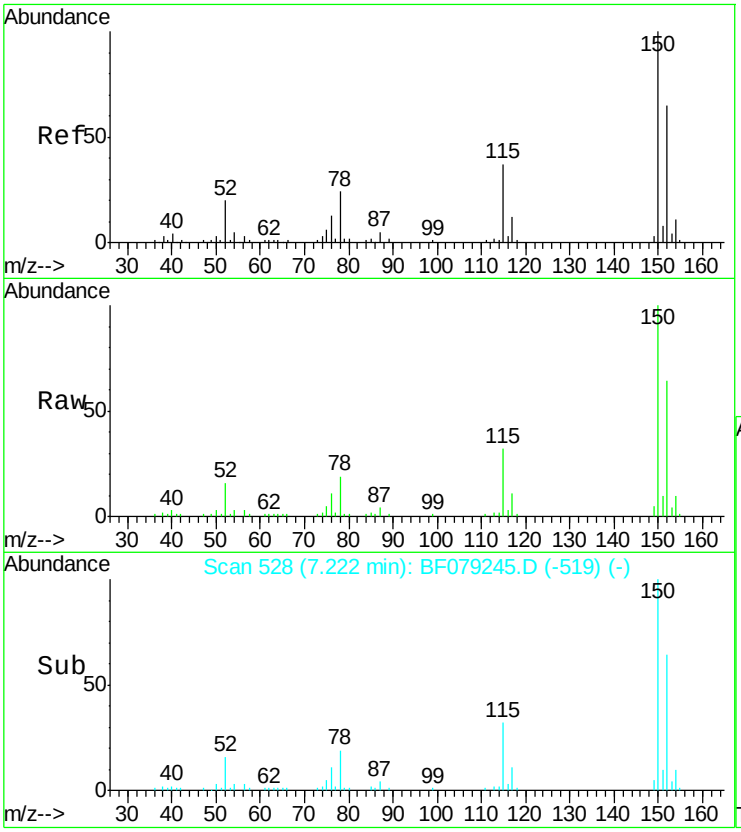
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
Data File : BF079245.D
Acq On : 14 May 2015 21:34
Operator : TP/IZ
Sample : G2246-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09

Quant Time: May 15 01:14:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 00:55:32 2015
Response via : Initial Calibration



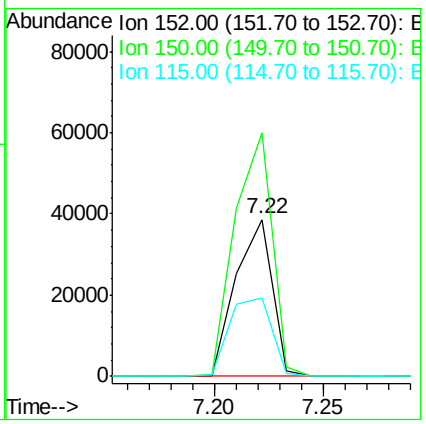


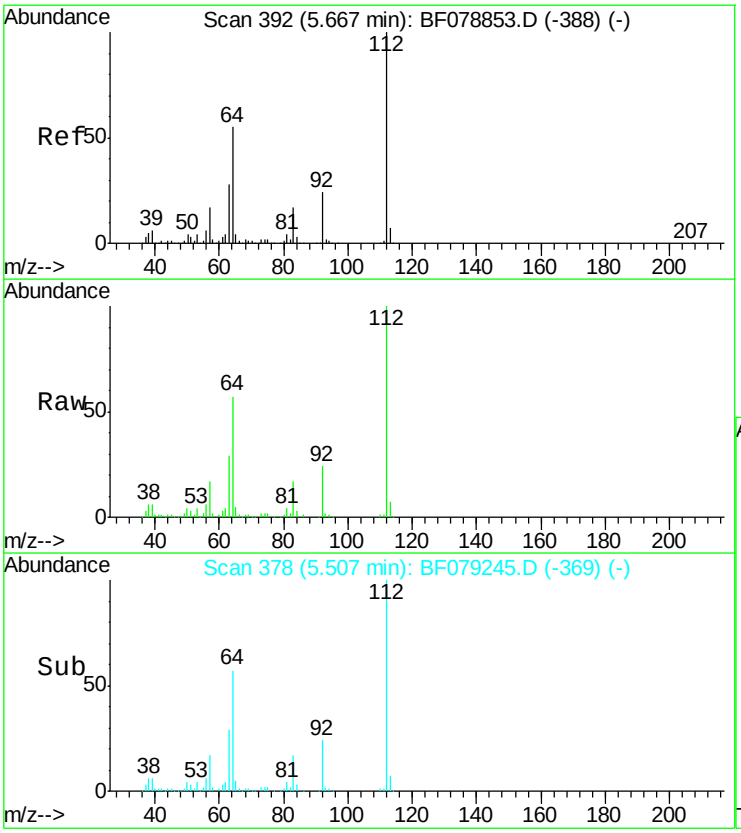
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion:152 Resp: 44831

Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.0	183.0
115	49.8	46.3	69.5

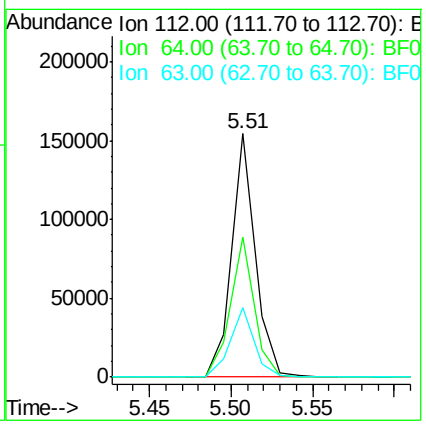


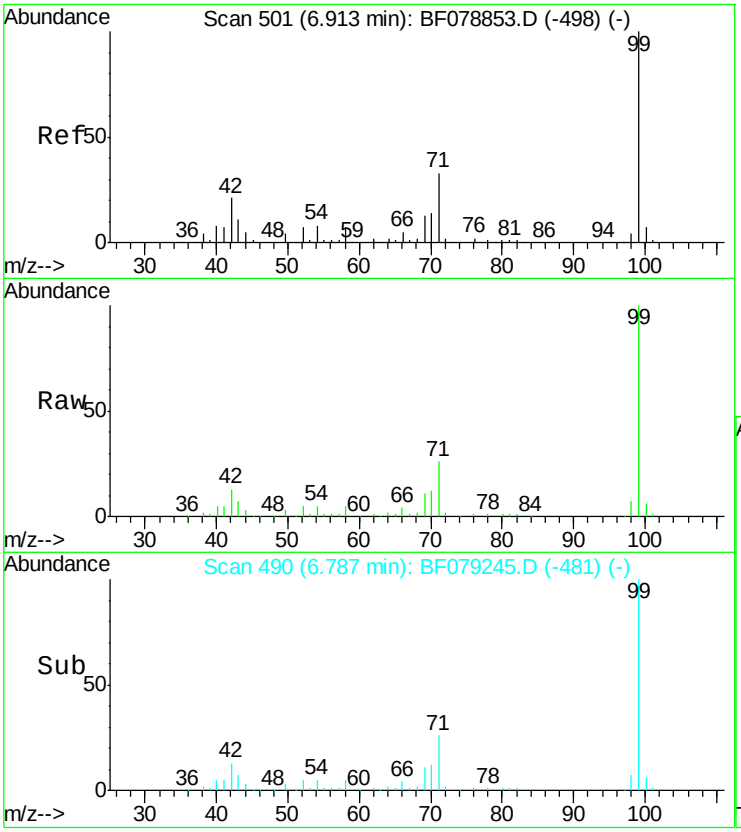


#5
2-Fluorophenol
Concen: 59.32 ng
RT: 5.51 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:112 Resp: 154503

Ion	Ratio	Lower	Upper
112	100		
64	57.4	53.5	80.3
63	28.6	27.5	41.3



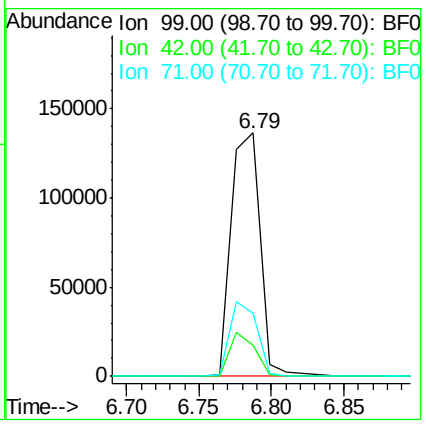


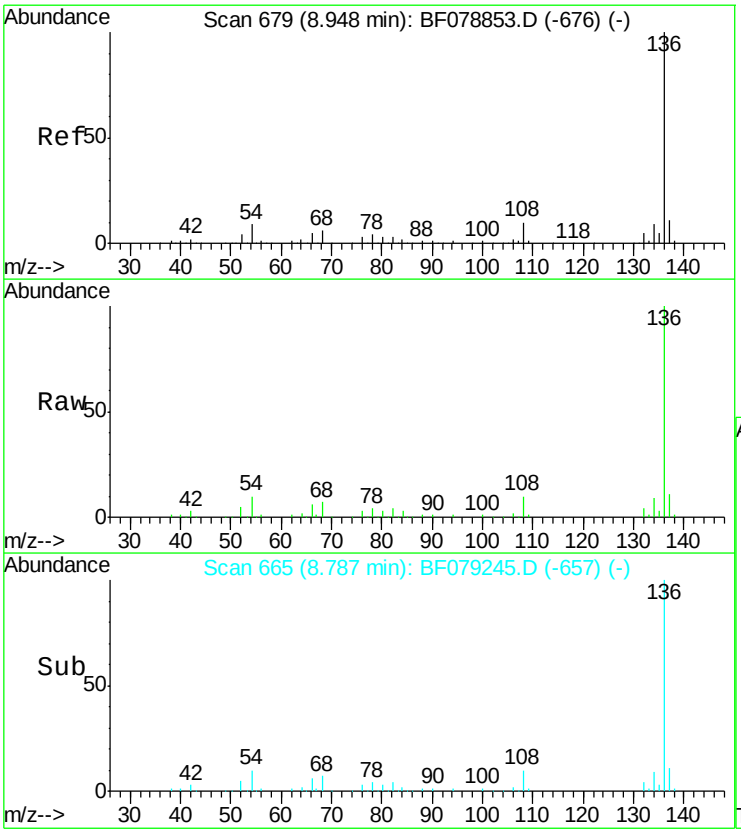
#7
Phenol-d6
Concen: 55.17 ng
RT: 6.79 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion: 99 Resp: 189936

Ion	Ratio	Lower	Upper
99	100		
42	12.7	12.8	19.2#
71	26.1	23.4	35.2

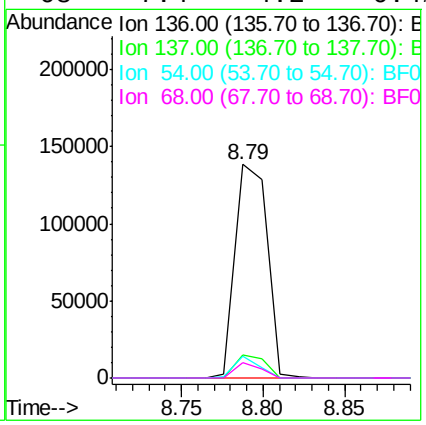


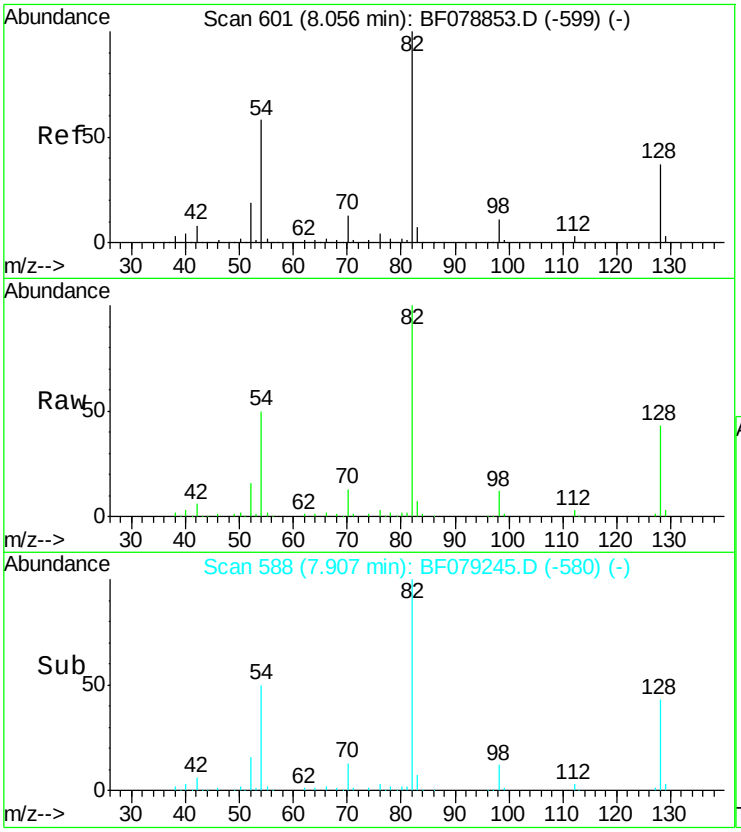


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:136 Resp: 187269

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.2	5.8	8.8#
68	7.4	4.2	6.4#



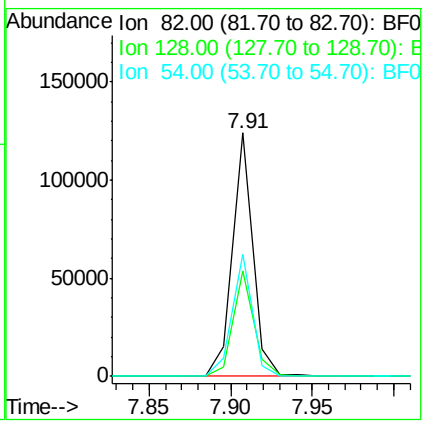


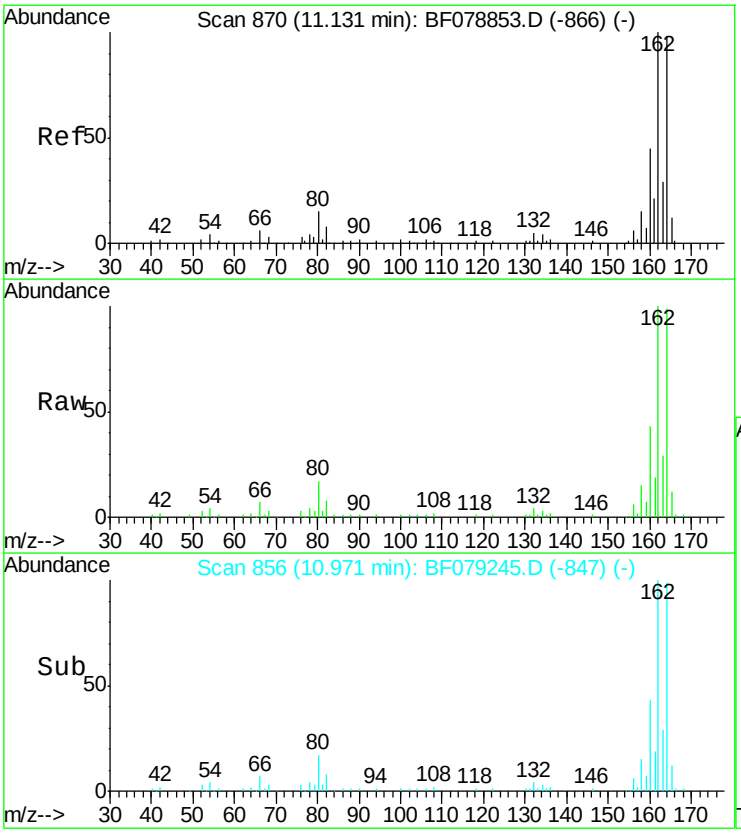
#23
Nitrobenzene-d5
Concen: 32.69 ng
RT: 7.91 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion: 82 Resp: 106526

Ion	Ratio	Lower	Upper
82	100		
128	43.5	30.0	45.0
54	50.3	46.4	69.6

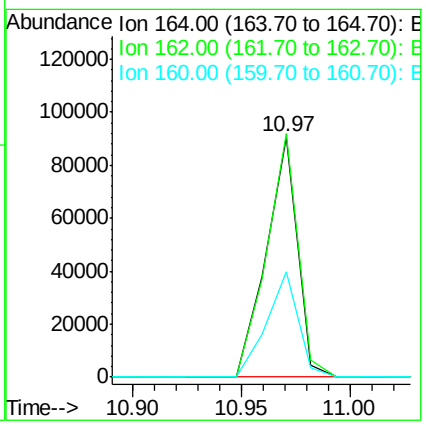


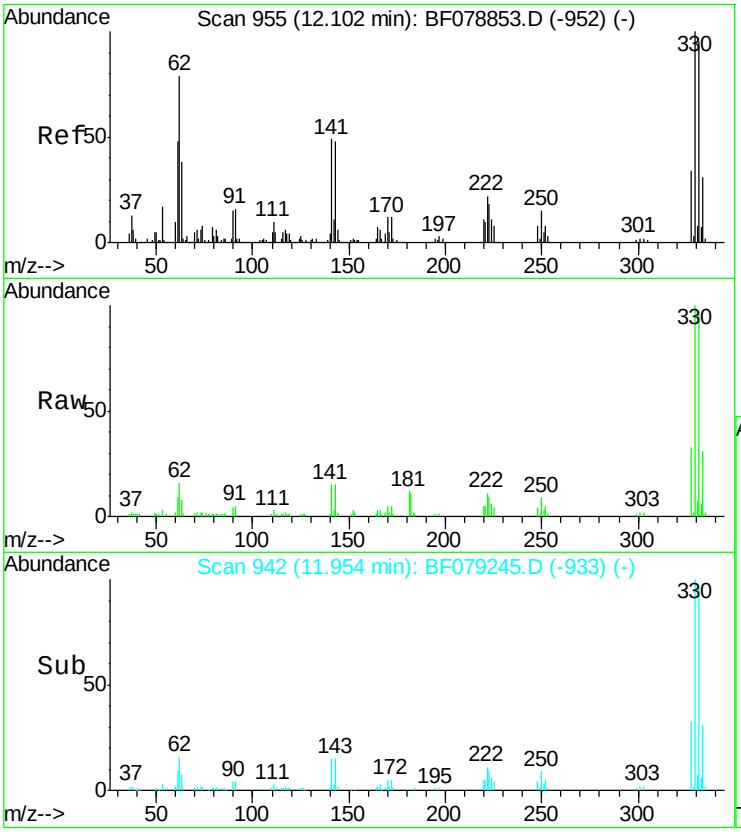


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:164 Resp: 91304

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.7	124.1
160	44.0	35.8	53.8



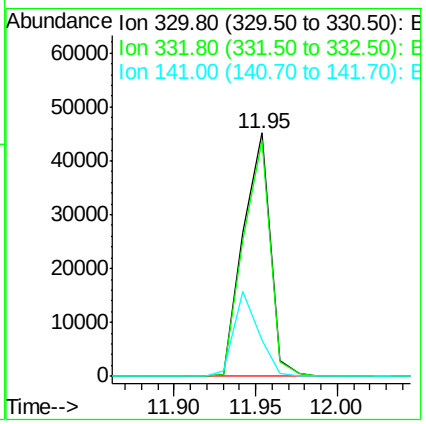


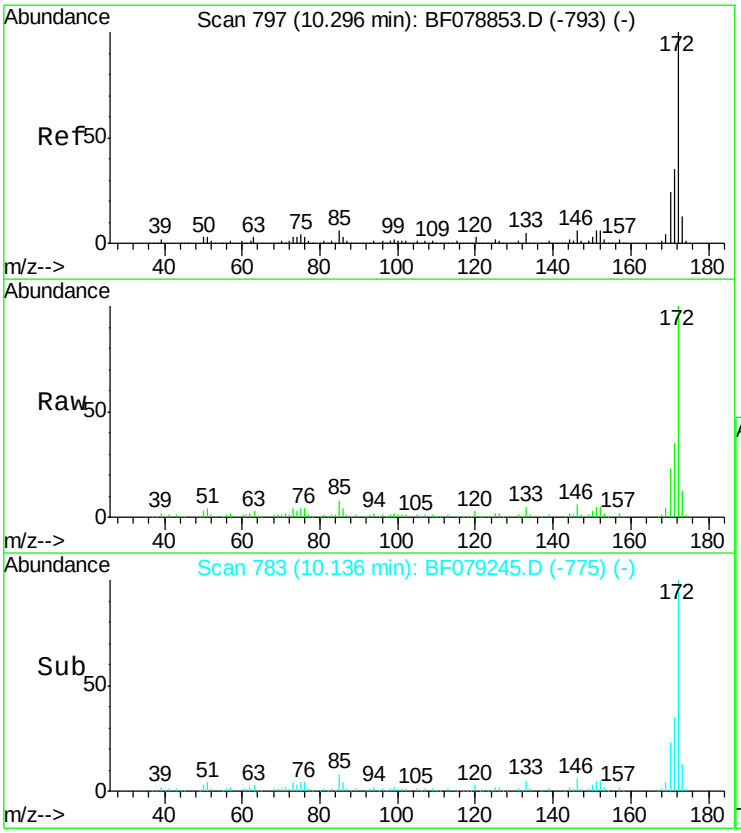
#41
2,4,6-Tribromophenol
Concen: 52.48 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion:330 Resp: 51834

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	31.9	0.0	0.0#

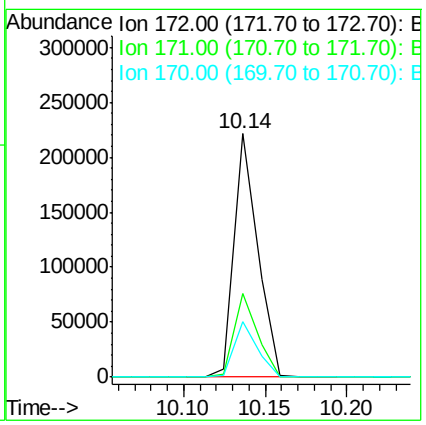


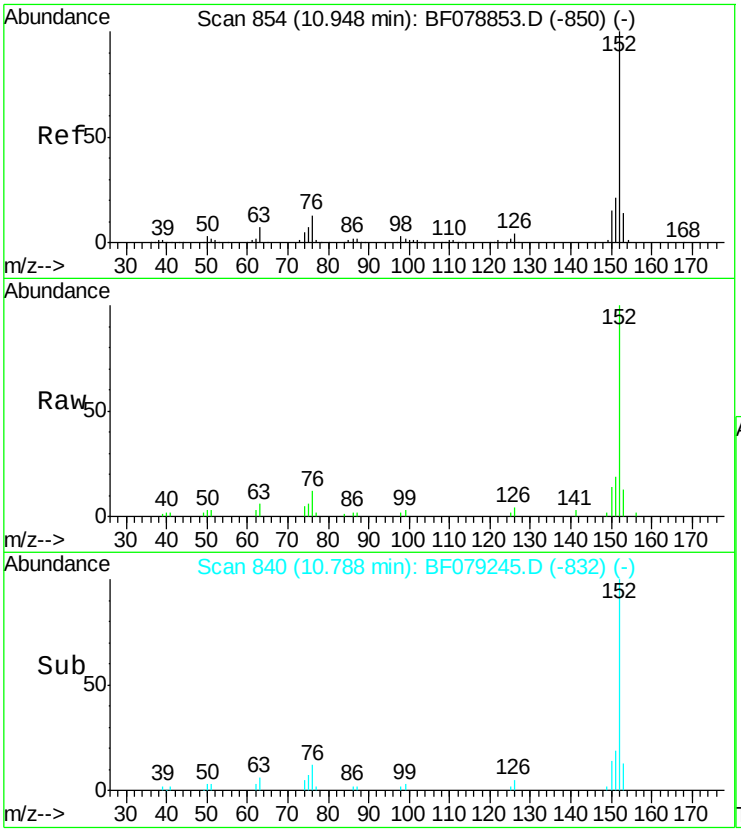


#44
2-Fluorobiphenyl
Concen: 33.50 ng
RT: 10.14 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:172 Resp: 219548

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.0	19.4	29.0



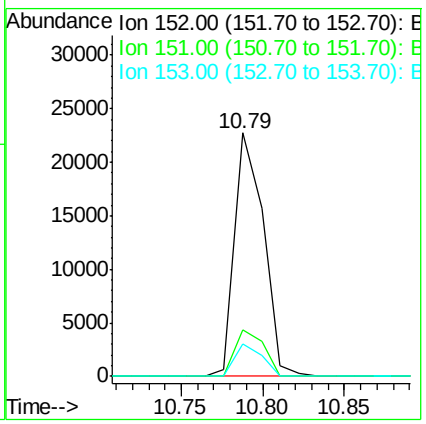


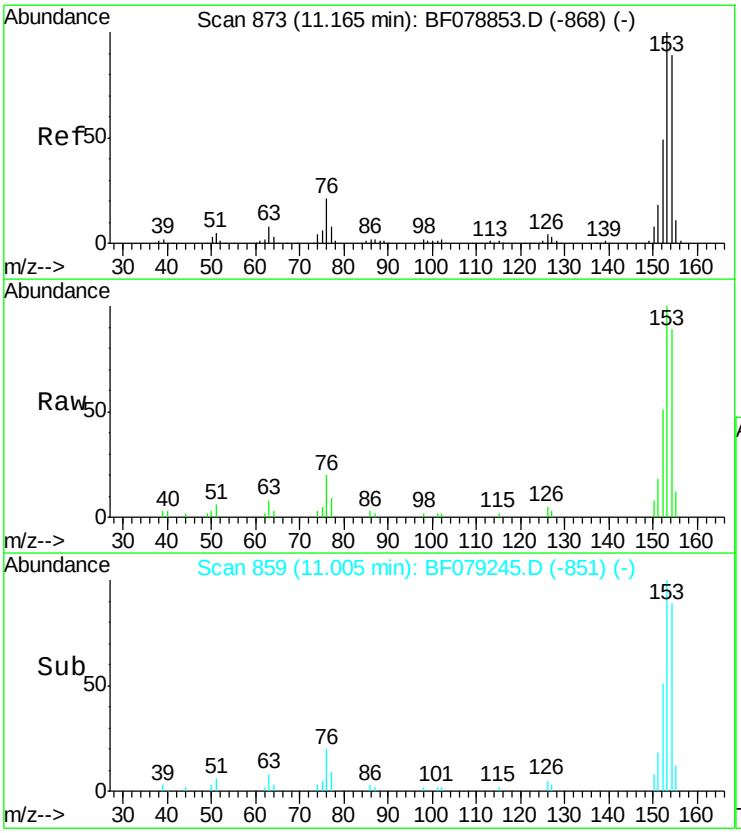
#48
Acenaphthylene
Concen: 2.98 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion:152 Resp: 27713

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4
153	13.2	10.9	16.3

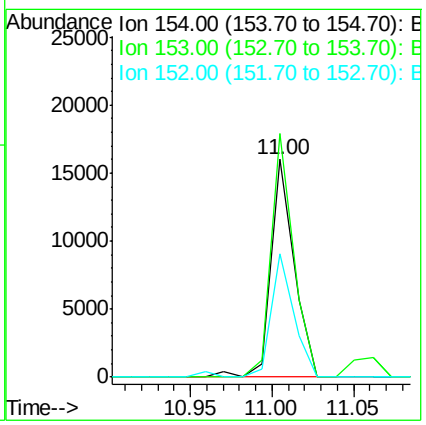


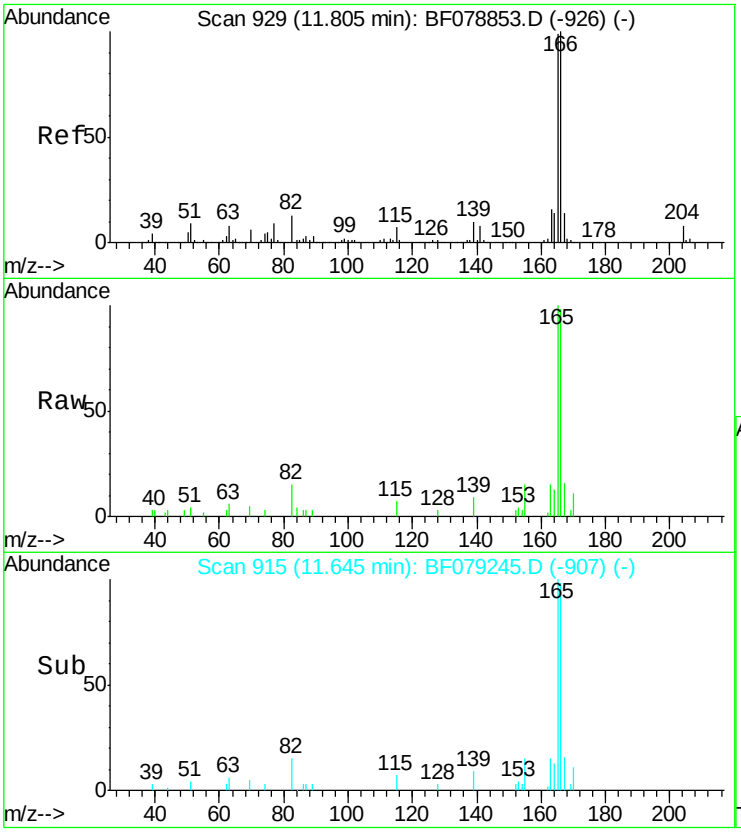


#51
Acenaphthene
Concen: 2.84 ng
RT: 11.00 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:154 Resp: 15768

Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.5	137.3
152	56.9	44.2	66.4



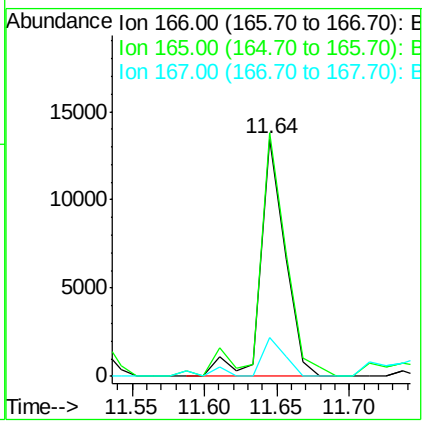


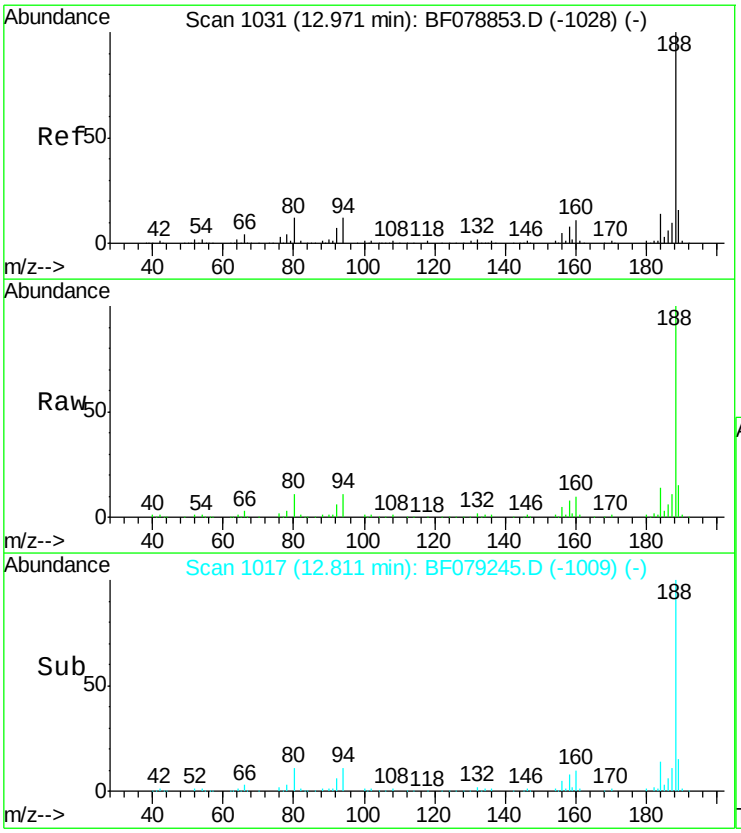
#57
Fluorene
Concen: 2.41 ng
RT: 11.64 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion:166 Resp: 15830

Ion	Ratio	Lower	Upper
166	100		
165	102.5	78.5	117.7
167	16.2	11.0	16.6

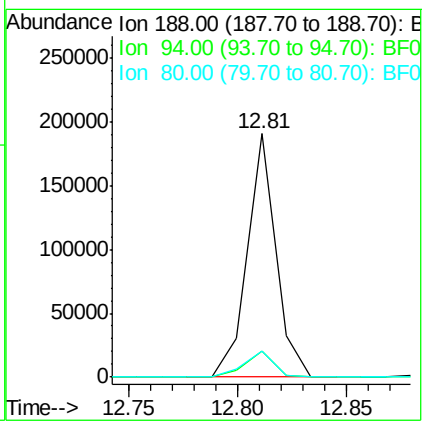


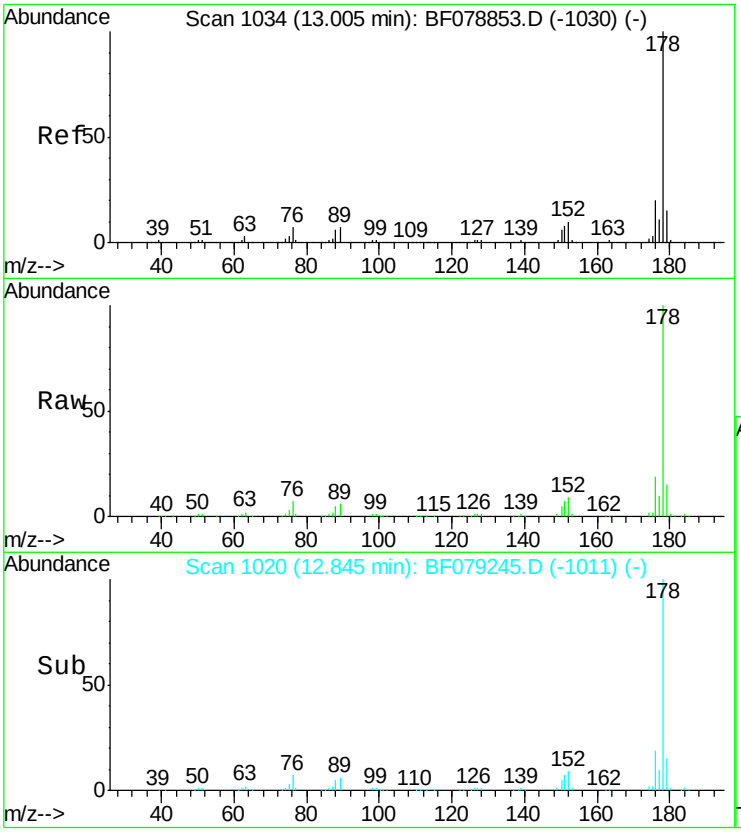


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:188 Resp: 174479

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.2
80	10.8	8.9	13.3



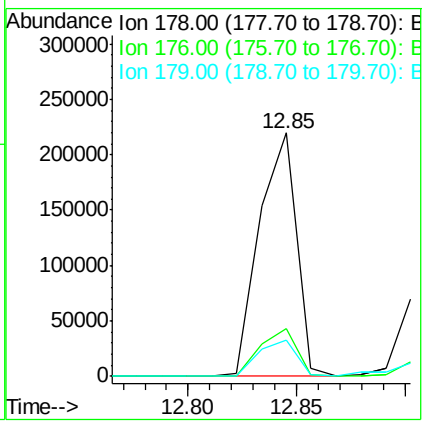


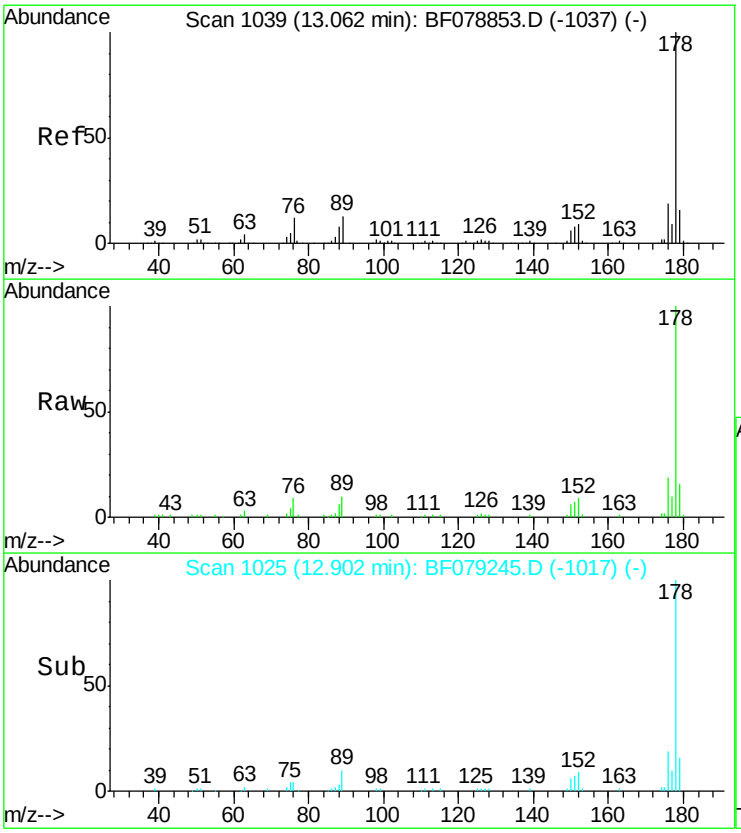
#70
Phenanthrene
Concen: 27.02 ng
RT: 12.85 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion:178 Resp: 263778

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.8	12.5	18.7

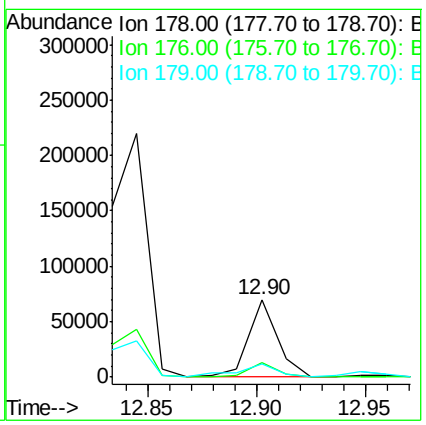


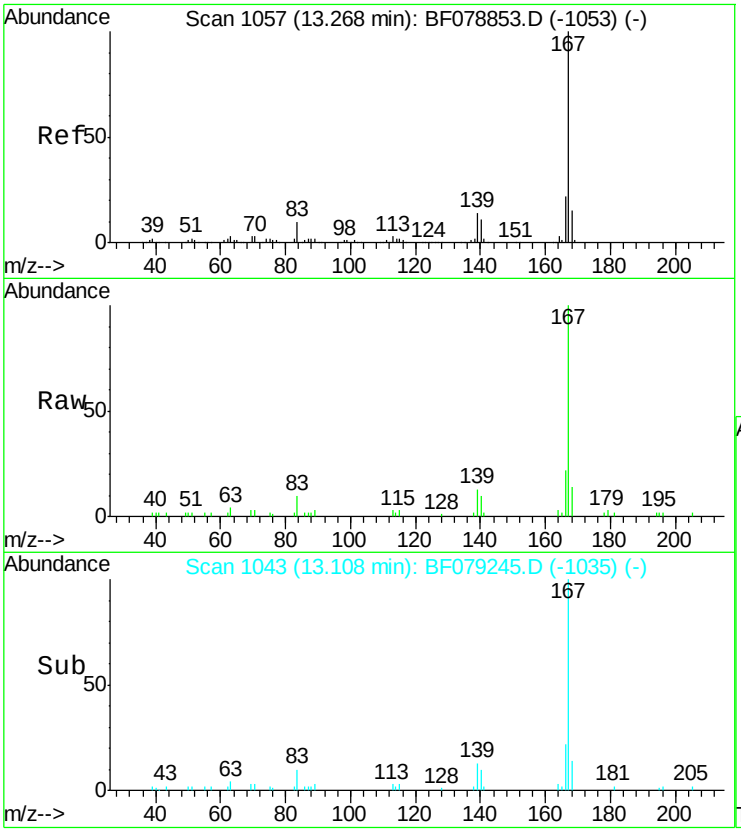


#71
Anthracene
Concen: 6.74 ng
RT: 12.90 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:178 Resp: 64547

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.3	12.7	19.1



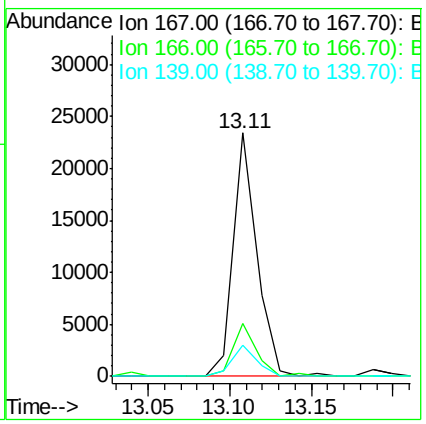


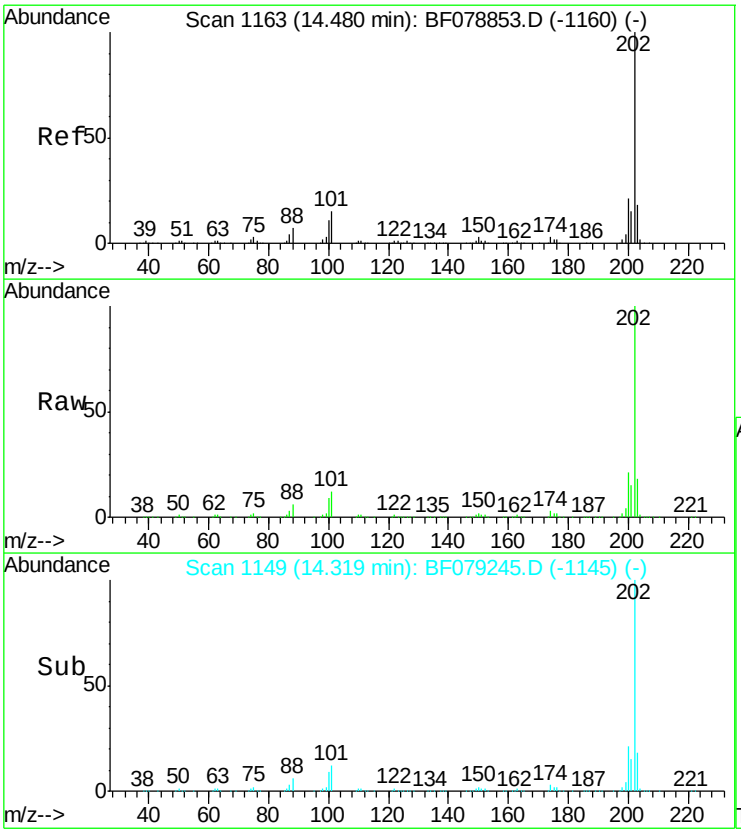
#72
Carbazole
Concen: 2.56 ng
RT: 13.11 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion:167 Resp: 23387

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.8
139	12.6	10.6	16.0

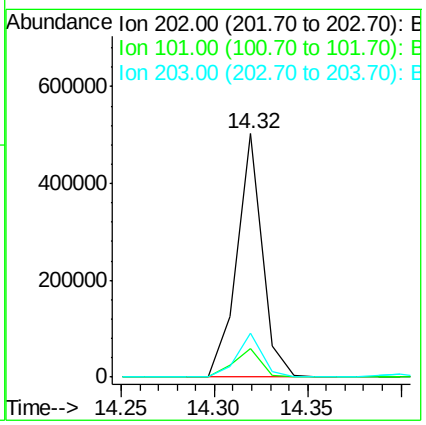


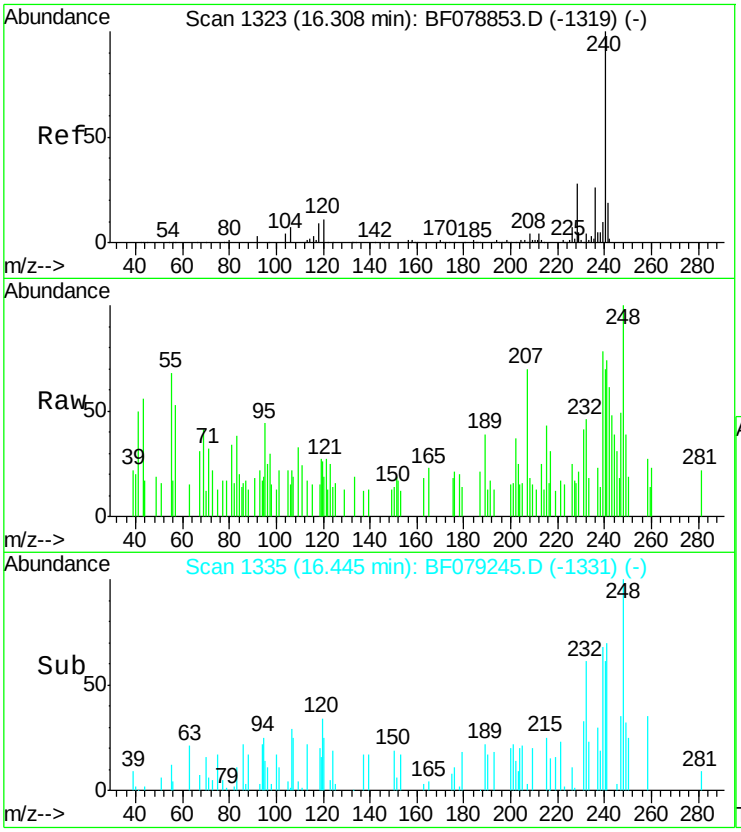


#74
Fluoranthene
Concen: 47.06 ng
RT: 14.32 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:202 Resp: 478622

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.6
203	17.9	0.0	38.4



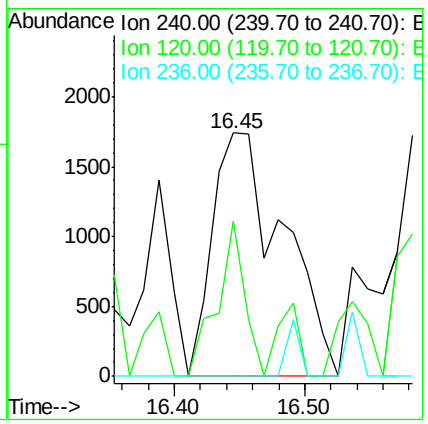


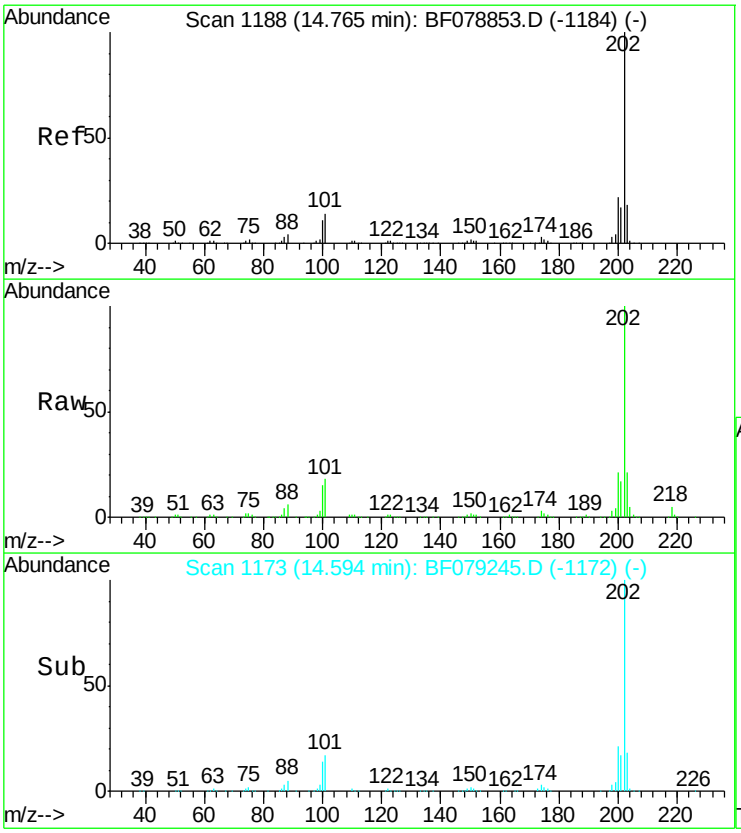
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1335
Delta R.T. -0.06 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion:240 Resp: 6537

Ion	Ratio	Lower	Upper
240	100		
120	63.9	9.7	14.5#
236	0.0	20.2	30.4#

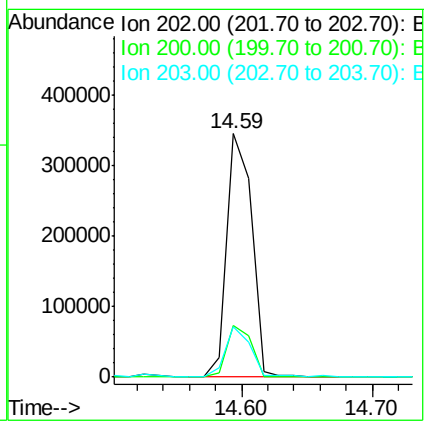


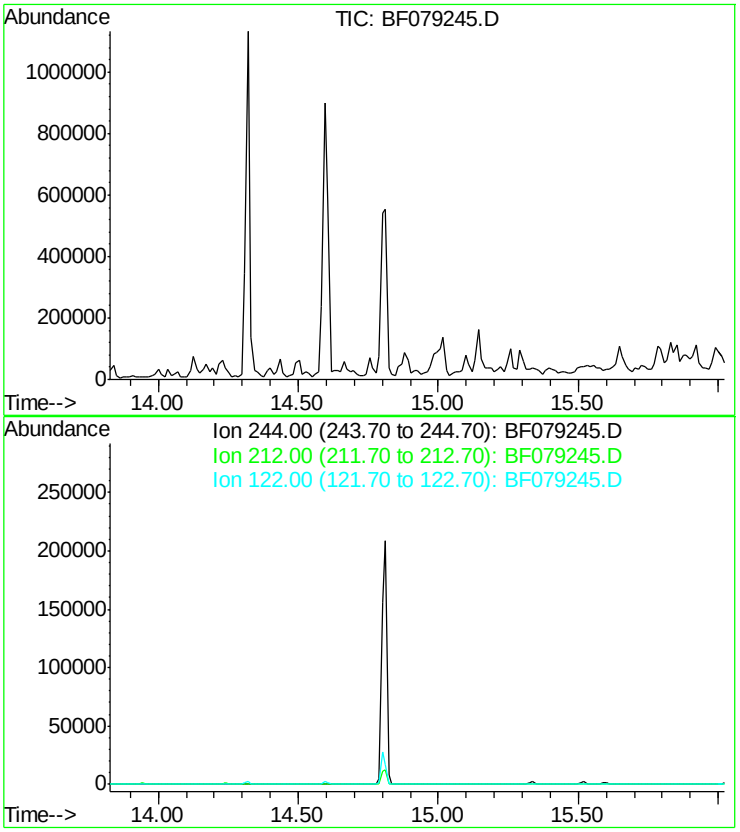


#77
Pyrene
Concen: 1211.45 ng
RT: 14.59 min Scan# 1173
Delta R.T. -0.09 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:202 Resp: 456344

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	20.7	13.9	20.9





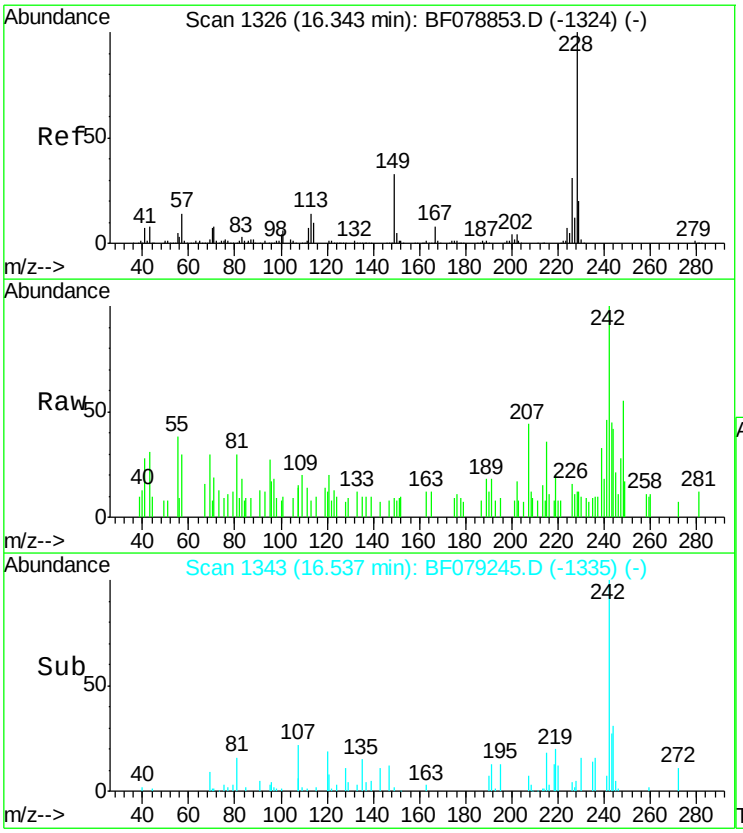
#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 14.93 min

Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	12.9

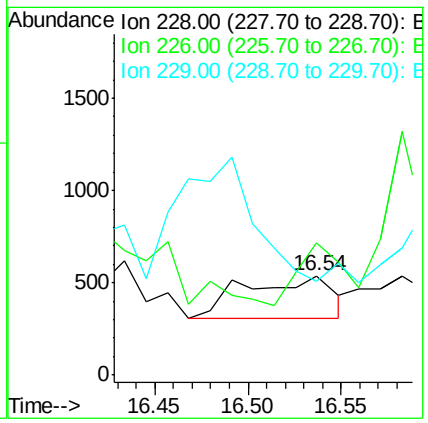
Instrument :
BNA_F
ClientSampleId :
SB-09

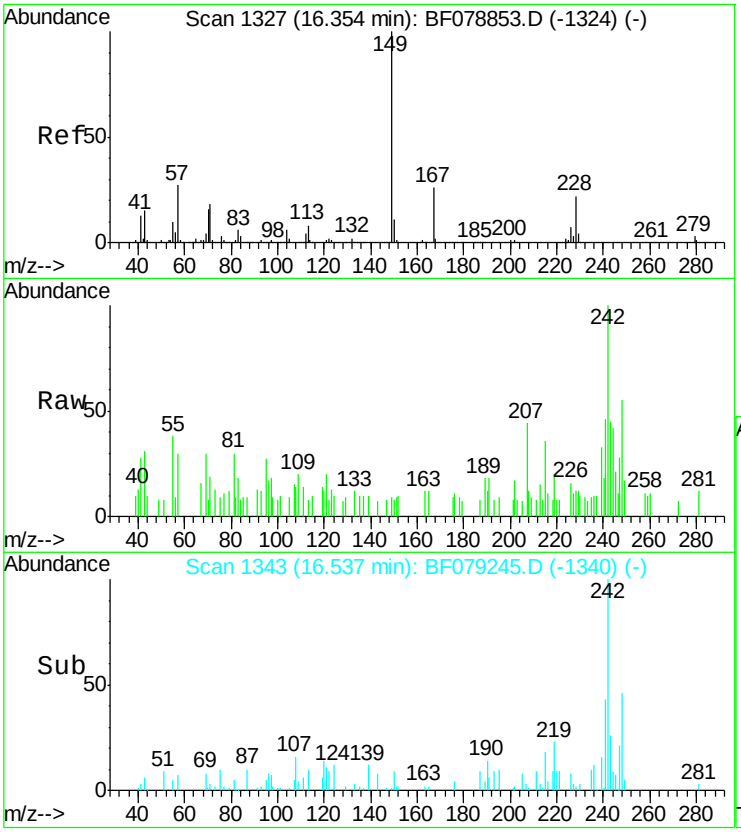


#82
Chrysene
Concen: 2.20 ng
RT: 16.54 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:228 Resp: 759

Ion	Ratio	Lower	Upper
228	100		
226	133.9	24.9	37.3#
229	95.0	16.0	24.0#



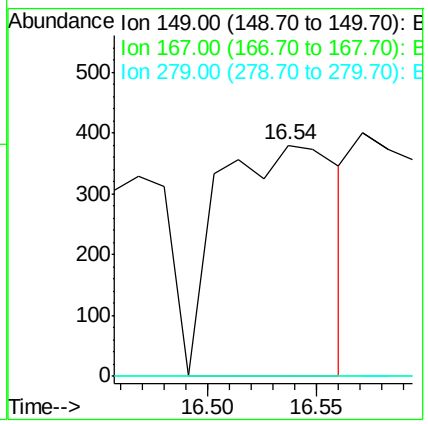


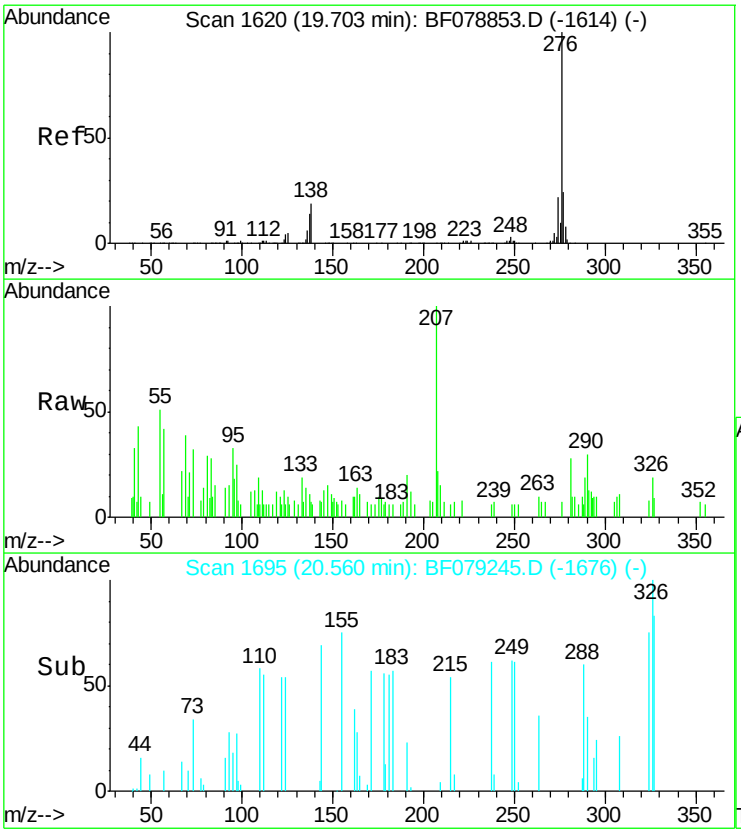
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.81 ng
RT: 16.54 min Scan# 1343
Delta R.T. -0.07 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion:149 Resp: 1448

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.8	32.8#
279	0.0	2.9	4.3#

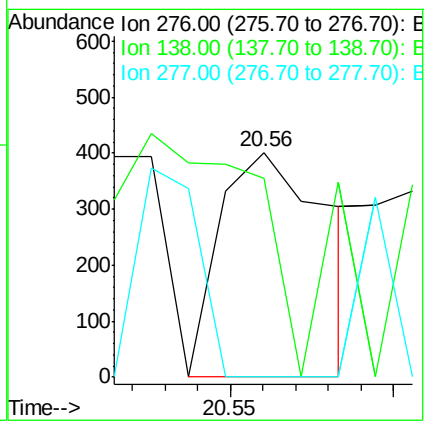


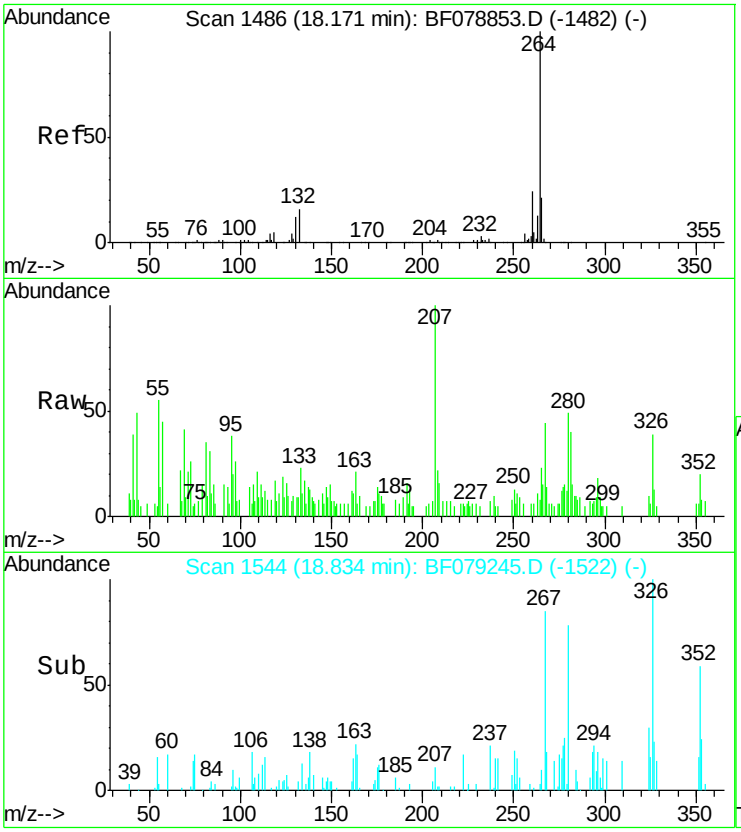


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.11 ng
RT: 20.56 min Scan# 1695
Delta R.T. -0.08 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:276 Resp: 926

Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0



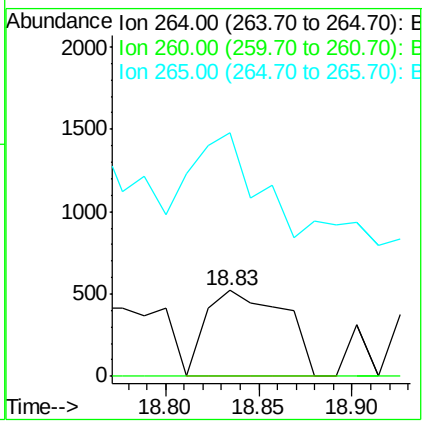


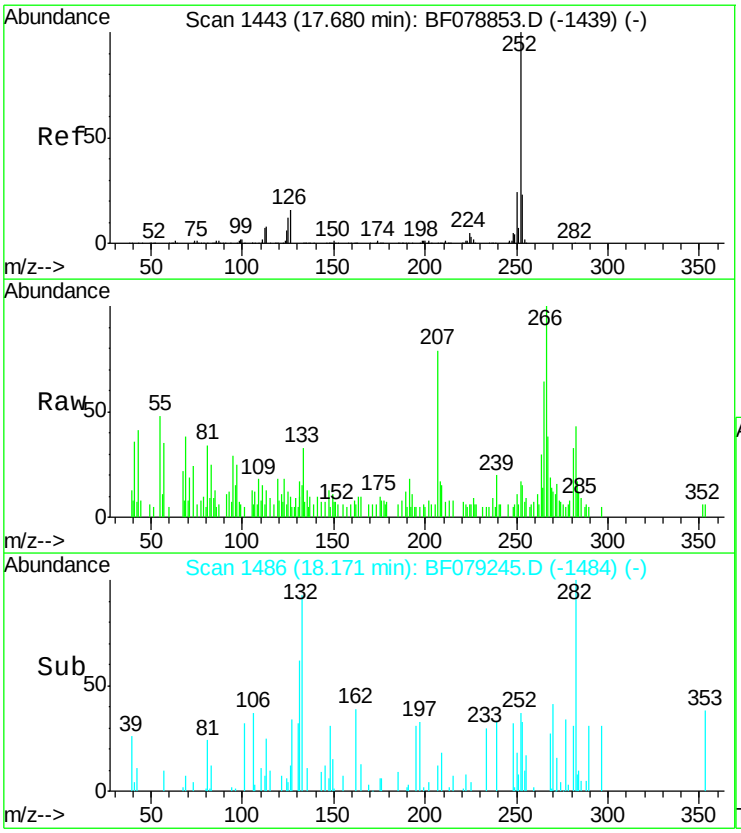
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.83 min Scan# 1544
Delta R.T. -0.05 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion:264 Resp: 1517

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.4	29.2#
265	282.6	18.3	27.5#

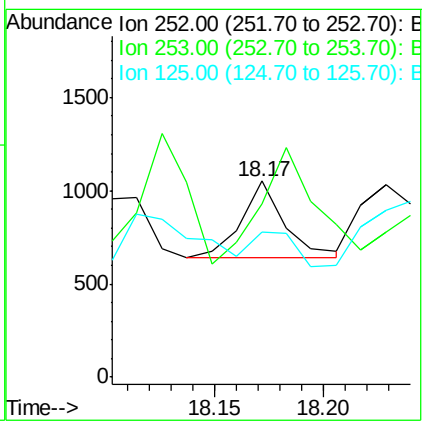


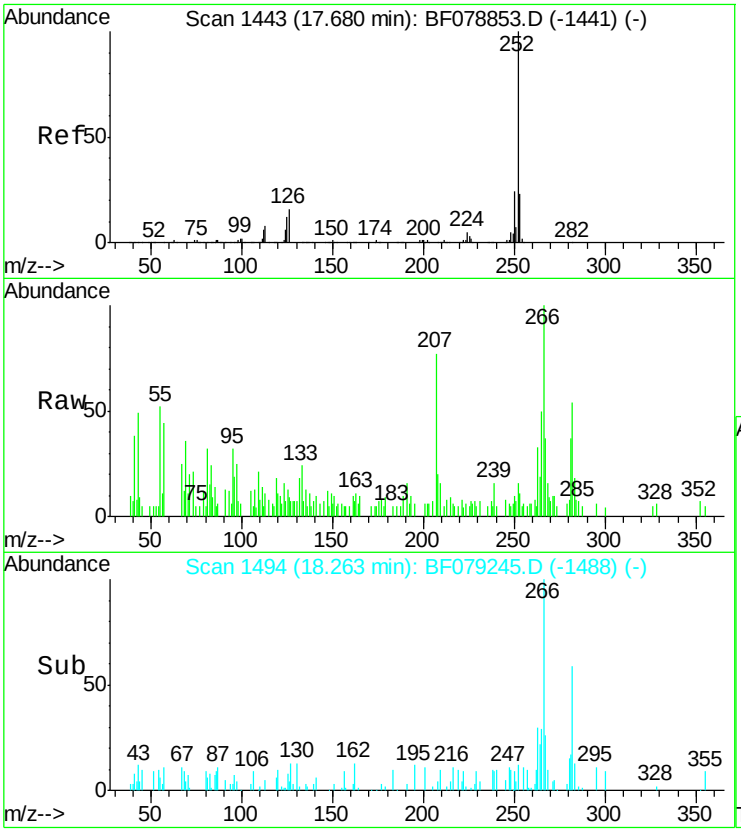


#87
Benzo(b)fluoranthene
Concen: 7.02 ng
RT: 18.17 min Scan# 1486
Delta R.T. -0.08 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:252 Resp: 583

Ion	Ratio	Lower	Upper
252	100		
253	88.7	17.7	26.5#
125	73.8	9.5	14.3#



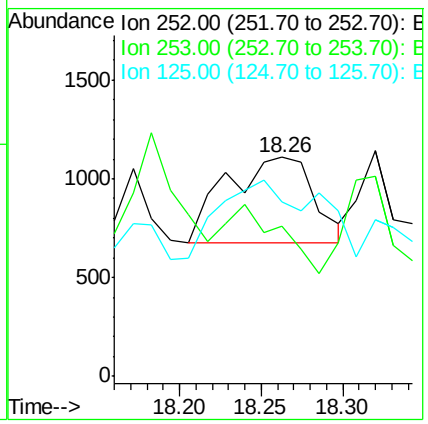


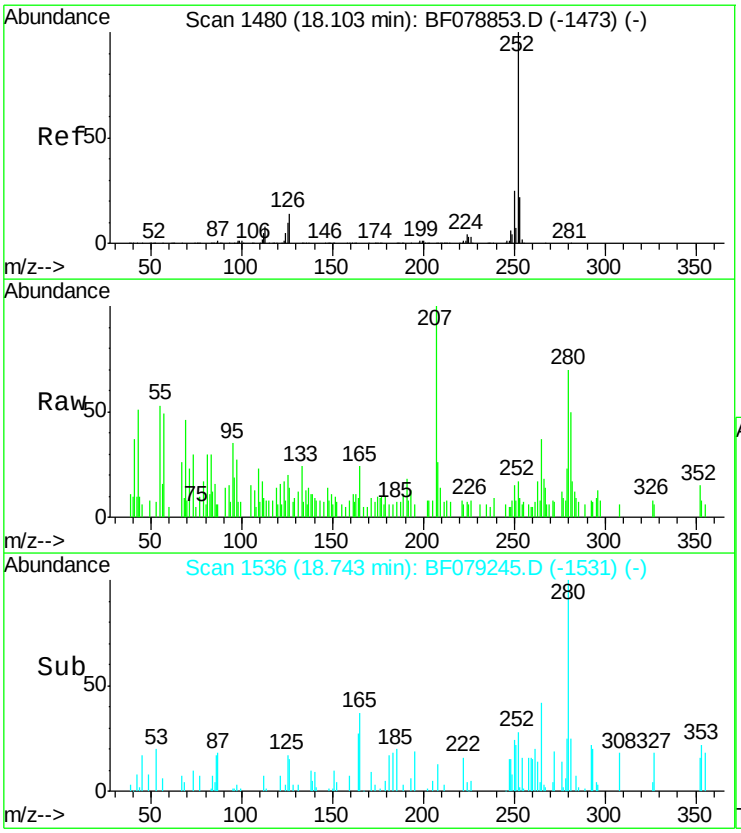
#88
Benzo(k)fluoranthene
Concen: 19.98 ng
RT: 18.26 min Scan# 1494
Delta R.T. -0.03 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion:252 Resp: 1606

Ion	Ratio	Lower	Upper
252	100		
253	68.4	18.1	27.1#
125	80.0	10.0	15.0#

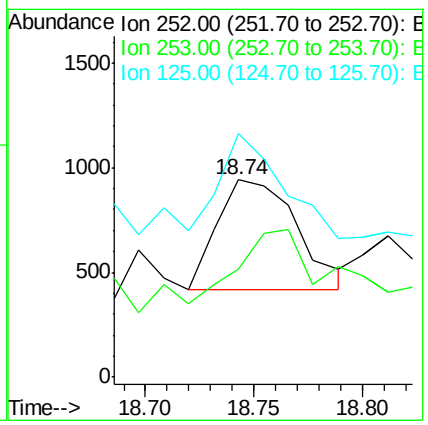


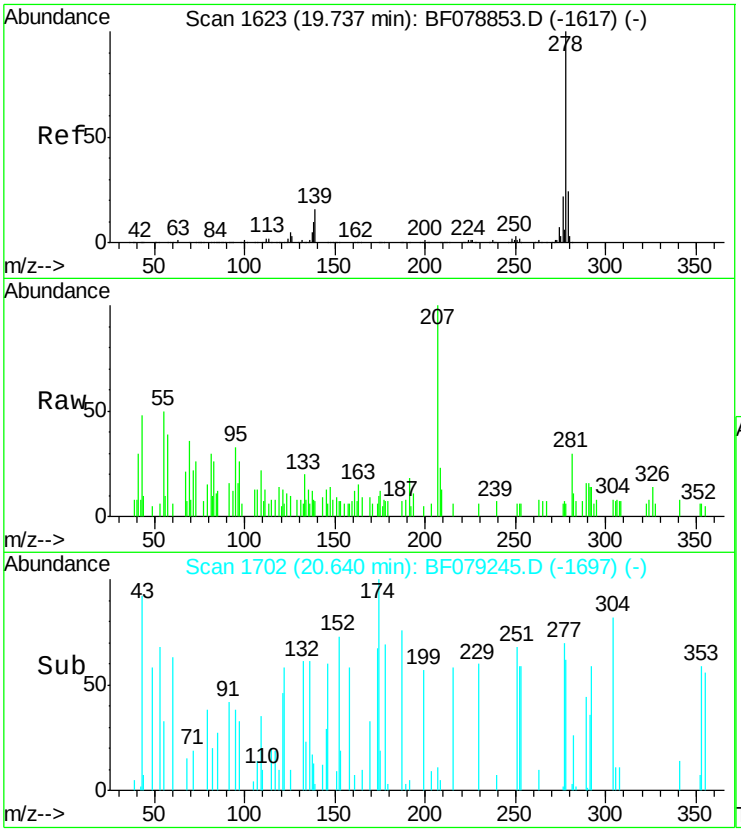


#89
Benzo(a)pyrene
Concen: 17.62 ng
RT: 18.74 min Scan# 1536
Delta R.T. -0.05 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:252 Resp: 1347

Ion	Ratio	Lower	Upper
252	100		
253	54.6	17.3	25.9#
125	123.5	7.0	10.6#



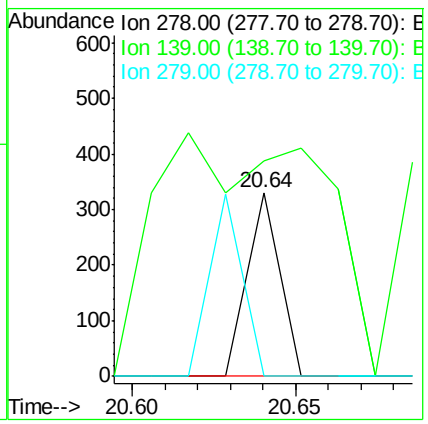


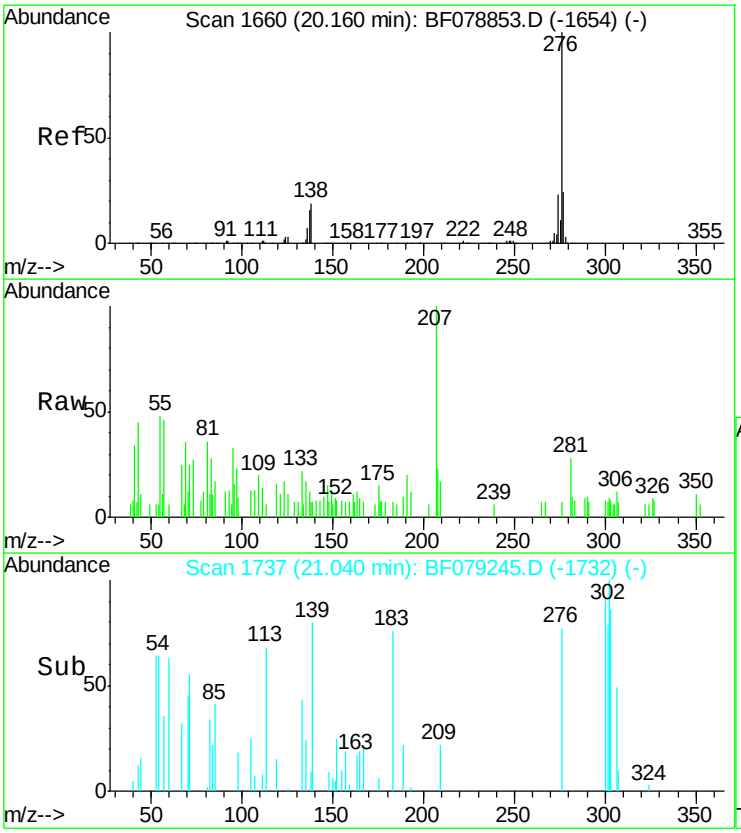
#90
Dibenzo(a,h)anthracene
Concen: 2.78 ng
RT: 20.64 min Scan# 1702
Delta R.T. -0.05 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Instrument :
BNA_F
ClientSampleId :
SB-09

Tgt Ion:278 Resp: 226

Ion	Ratio	Lower	Upper
278	100		
139	117.6	12.8	19.2#
279	0.0	19.6	29.4#





#91
Benzo(g,h,i)perylene
Concen: 11.01 ng
RT: 21.04 min Scan# 1737
Delta R.T. -0.05 min
Lab File: BF079245.D
Acq: 14 May 2015 21:34

Tgt Ion:276 Resp: 897

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0#
138	103.5	17.4	26.0#