Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079461.D
Acq On : 23 May 2015 7:26
Operator : TP/IZ
Sample : G2289-14 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32D

Quant Time: May 25 06:59:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 25 06:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	71885	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	286404	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	135715	20.00	ng		0.00
63) Phenanthrene-d10	12.63	188	254045	20.00	ng		0.00
75) Chrysene-d12	15.92	240	258683	20.00	ng		0.01
86) Perylene-d12	17.70	264	266479	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.64	99	97540	17.67	ng		0.01
23) Nitrobenzene-d5	7.75	82	17292	3.47	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	10954	7.46	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	116471	11.96	ng		0.00
78) Terphenyl-d14	14.63	244	126986	11.75	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	8.39	122	2027	7.00	ng	#	72
51) Acenaphthene	10.83	154	35228	4.28	ng		99
54) Dibenzofuran	11.05	168	42874	3.60	ng		97
55) 4-Nitrophenol	11.05	139	16000	8.23	ng	#	2
57) Fluorene	11.47	166	56363	5.77	ng		100
70) Phenanthrene	12.66	178	549338	38.65	ng		100
71) Anthracene	12.73	178	185337	13.29	ng		100
74) Fluoranthene	14.14	202	678227	45.80	ng		97
77) Pyrene	14.41	202	590919	39.64	ng		97
80) Benzo(a)anthracene	15.91	228	272629	19.25	ng		98
82) Chrysene	15.95	228	210922	15.48	ng		98
87) Benzo(b)fluoranthene	17.25	252	375570	25.75	ng		99
88) Benzo(k)fluoranthene	17.25	252	375570	26.60	ng	#	96
89) Benzo(a)pyrene	17.65	252	218088	16.24	ng		99
90) Dibenzo(a,h)anthracene	19.09	278	33836	2.37	ng	#	76
91) Benzo(g,h,i)perylene	19.46	276	135306	9.46	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079461.D
Acq On : 23 May 2015 7:26
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
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SB-32D

Quant Time: May 25 06:59:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 25 06:56:43 2015
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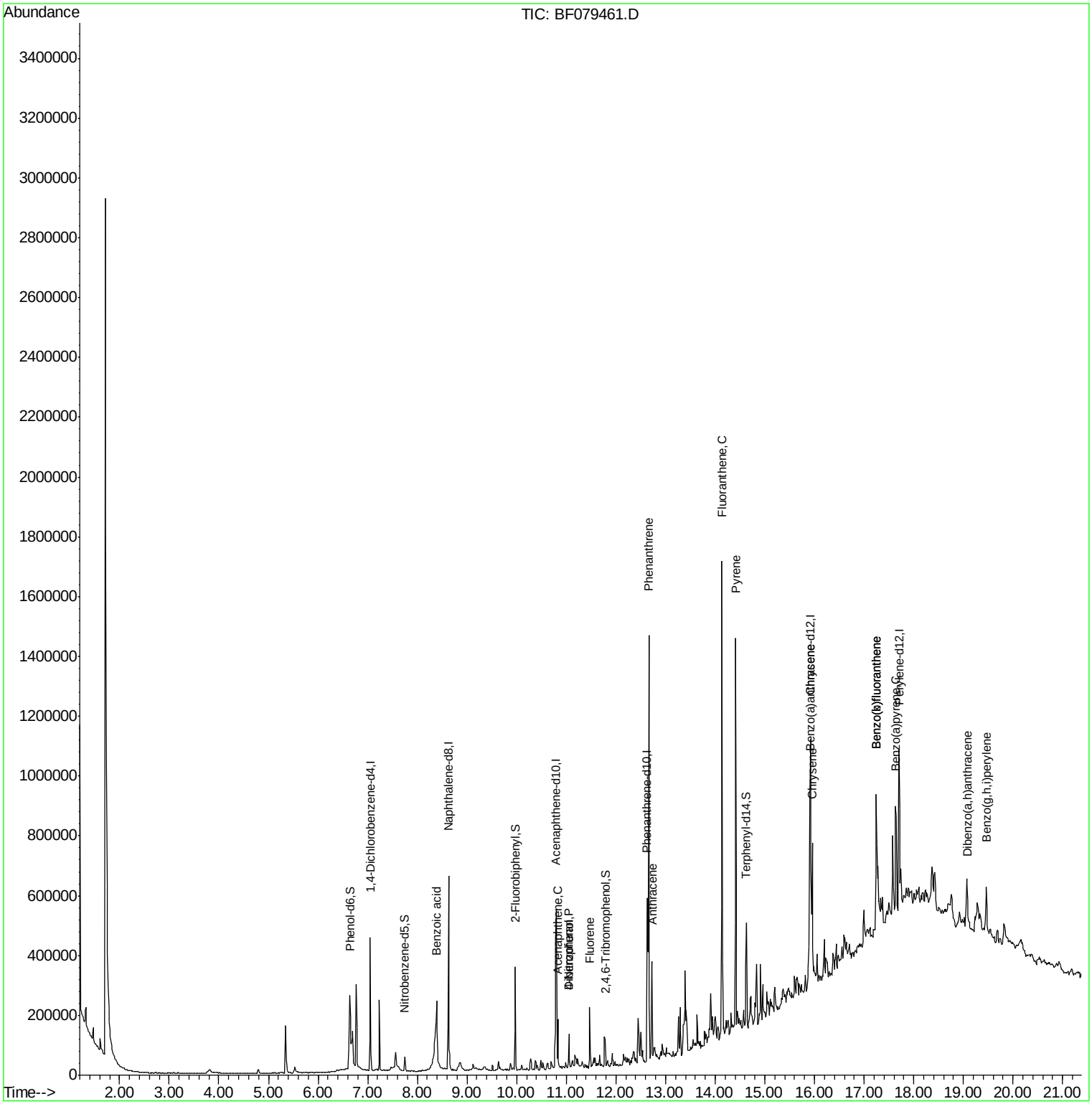
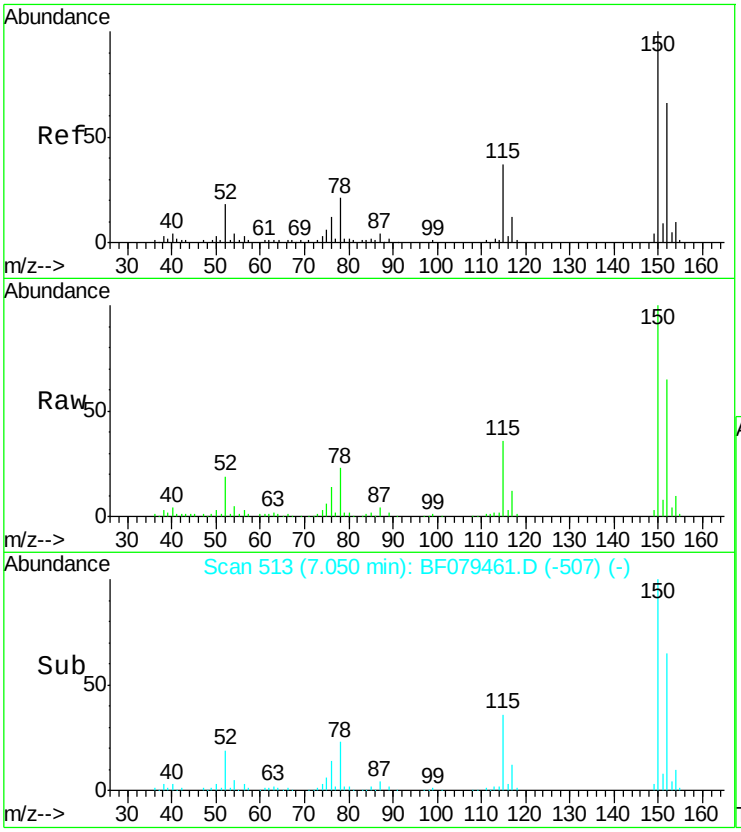


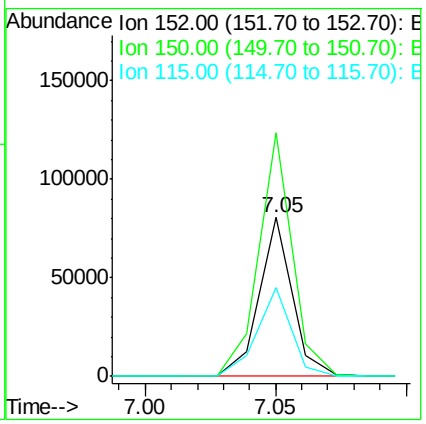


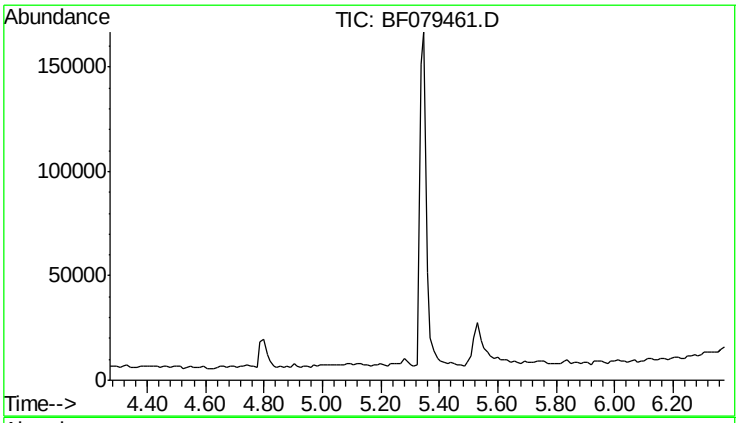
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:152 Resp: 71885

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.8
115	55.7	49.4	74.0



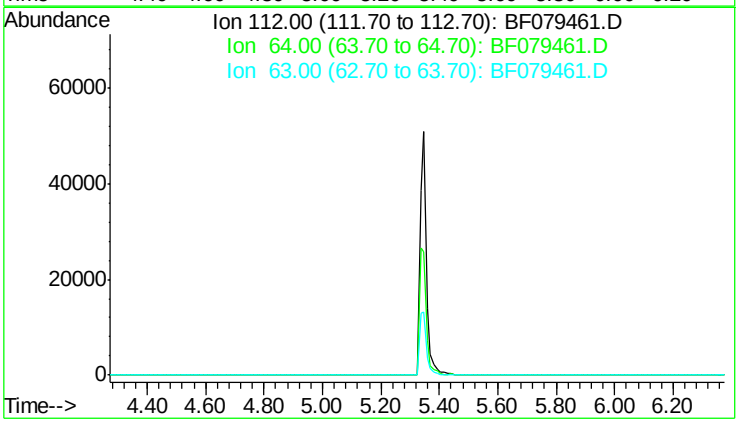


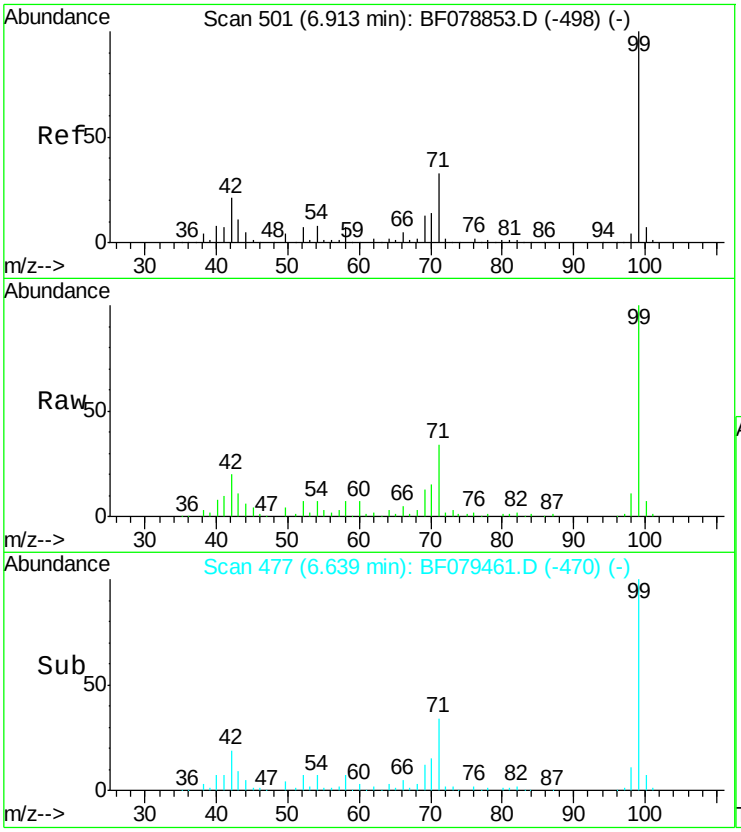
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.32 min

Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4



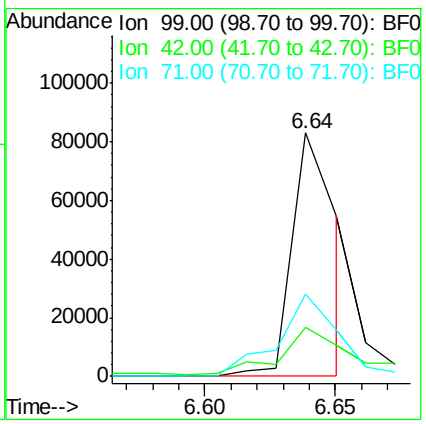


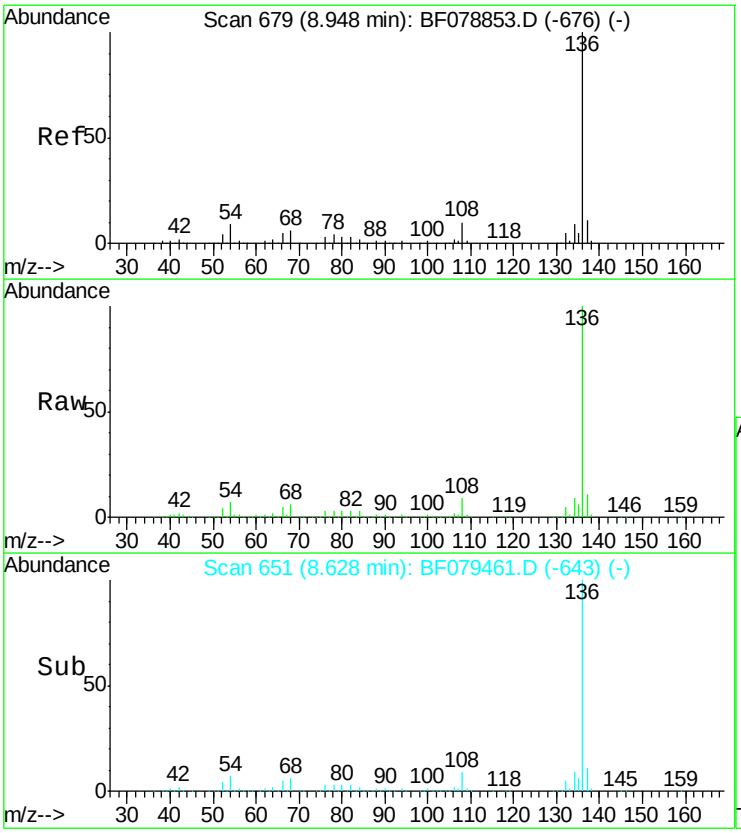
#7
Phenol-d6
Concen: 17.67 ng
RT: 6.64 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion: 99 Resp: 97540

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.1	25.7
71	34.0	26.3	39.5

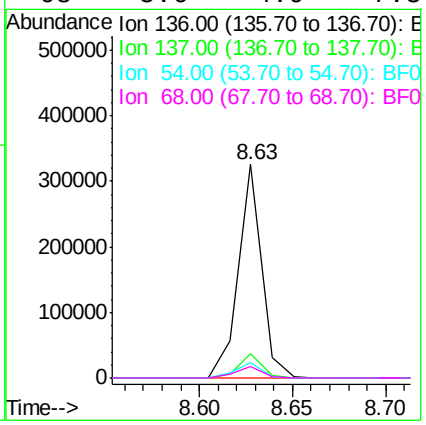


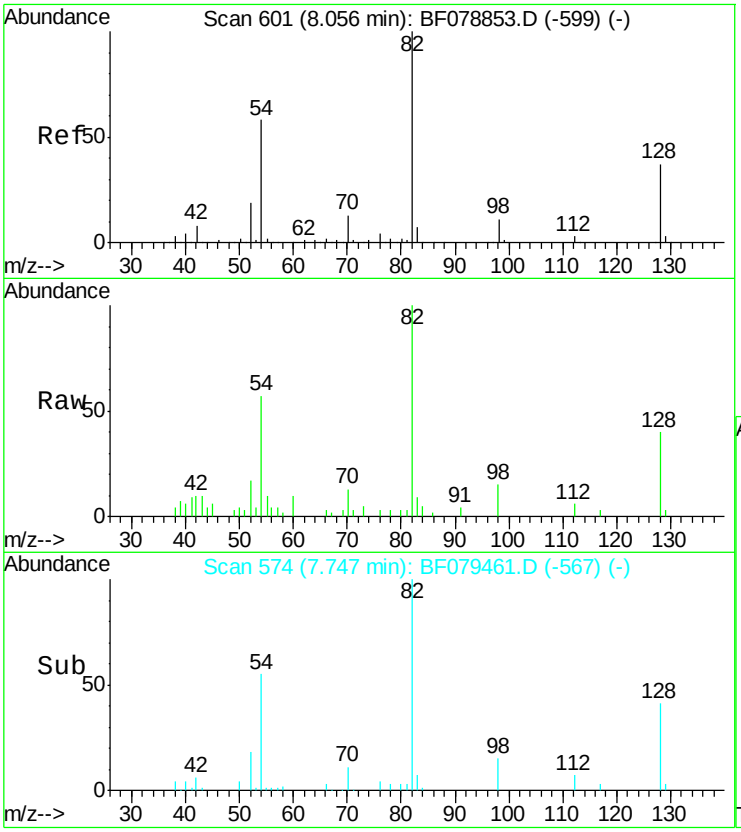


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:136 Resp: 286404

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.0	6.9	10.3
68	5.6	4.9	7.3



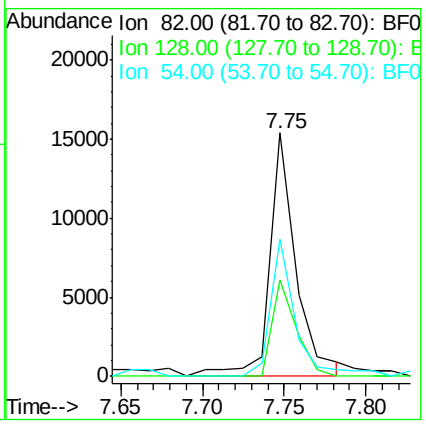


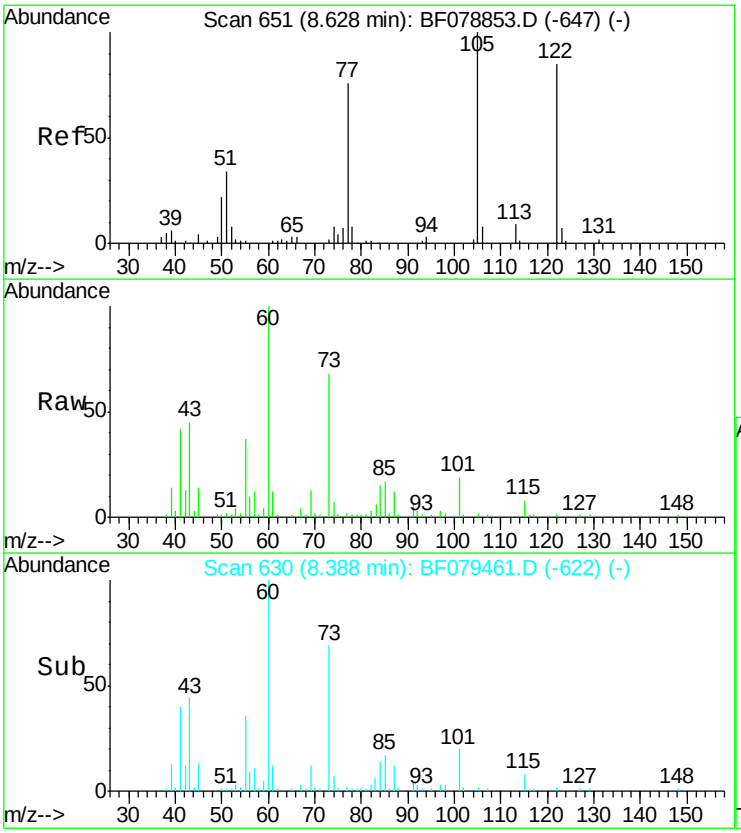
#23
Nitrobenzene-d5
Concen: 3.47 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion: 82 Resp: 17292

Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.7	44.5
54	56.6	46.2	69.4

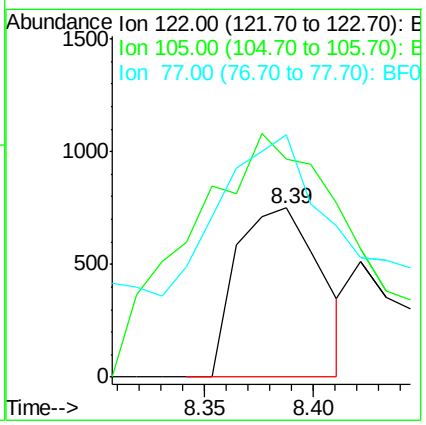


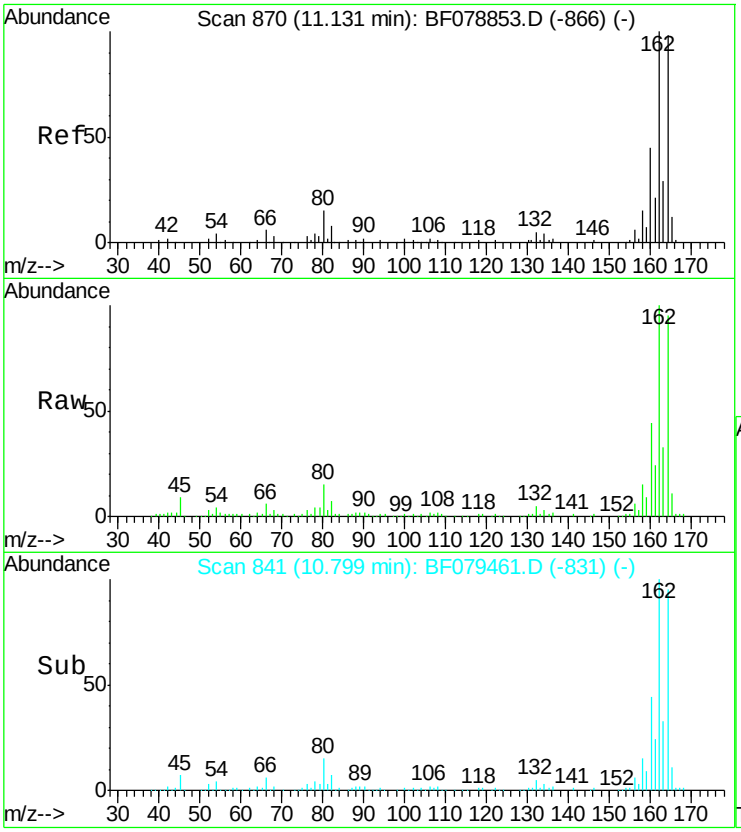


#32
Benzoic acid
Concen: 7.00 ng
RT: 8.39 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:122 Resp: 2027

Ion	Ratio	Lower	Upper
122	100		
105	129.3	100.7	140.7
77	143.3	72.0	112.0#



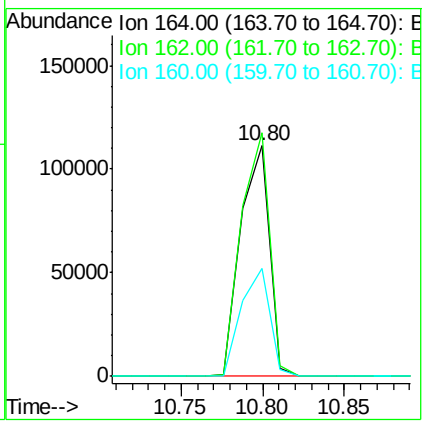


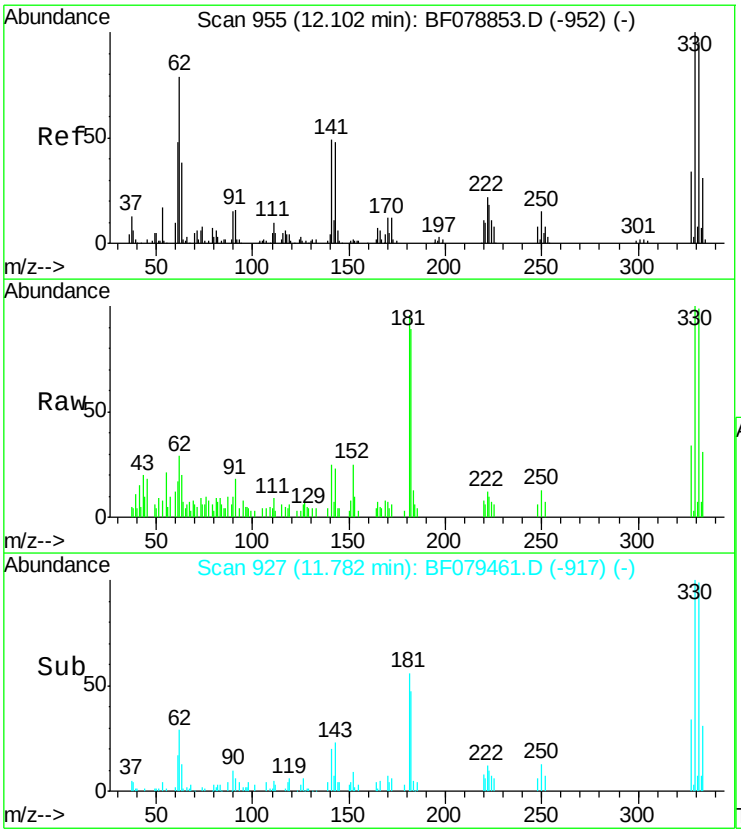
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:164 Resp: 135715

Ion	Ratio	Lower	Upper
164	100		
162	105.7	81.4	122.0
160	46.9	36.6	54.8

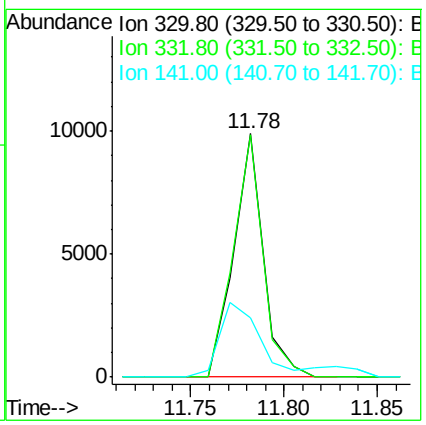


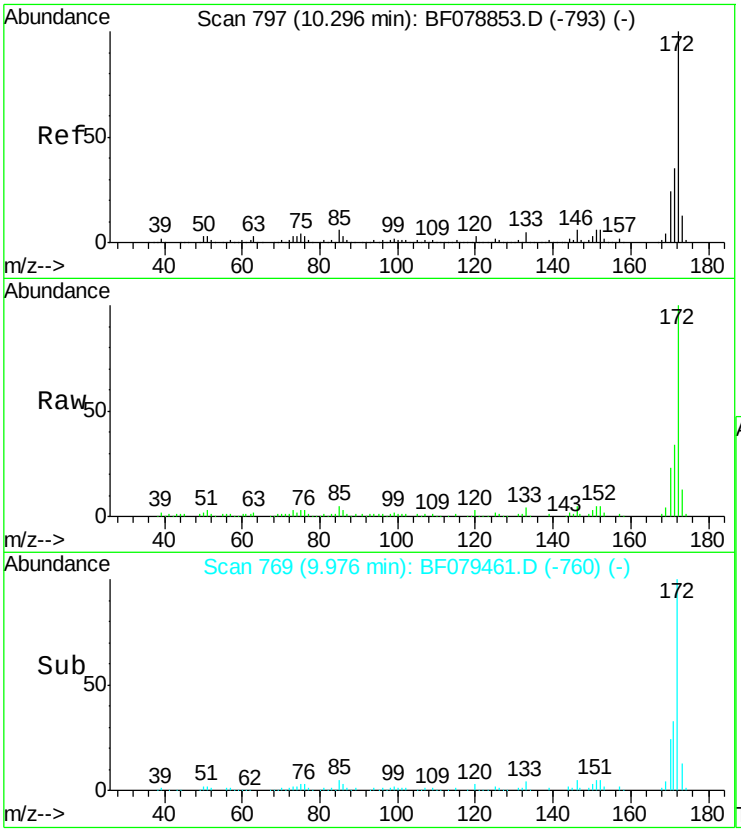


#41
2,4,6-Tribromophenol
Concen: 7.46 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:330 Resp: 10954

Ion	Ratio	Lower	Upper
330	100		
332	100.4	76.9	115.3
141	48.5	27.8	41.8#



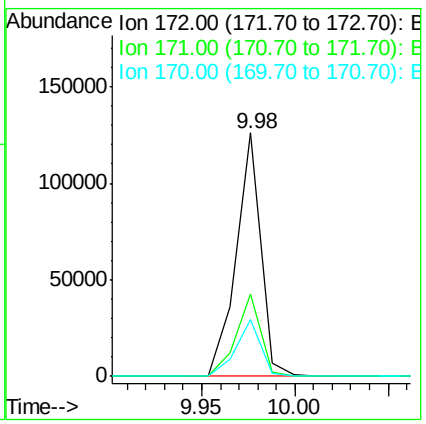


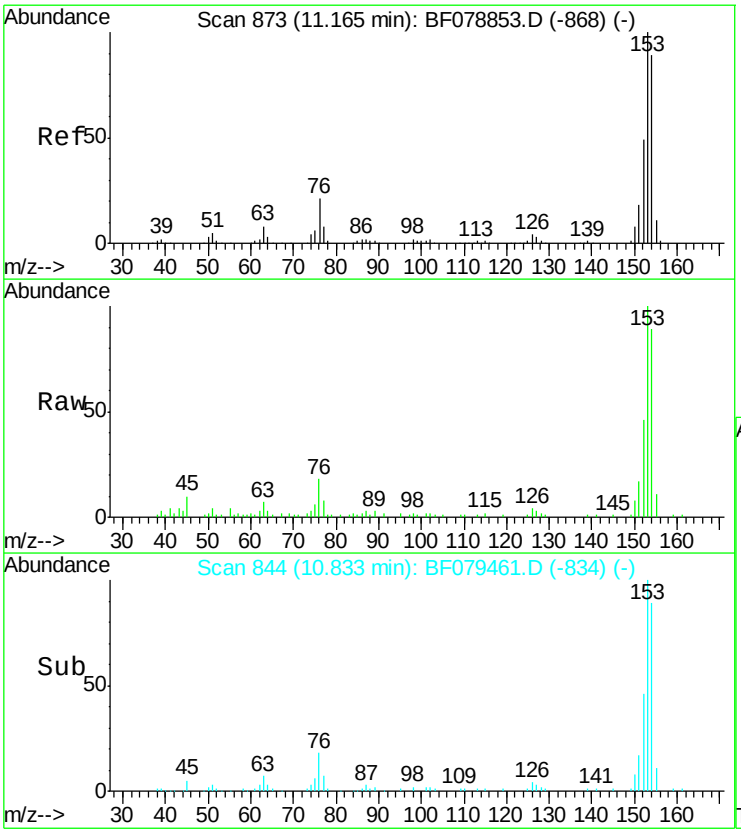
#44
2-Fluorobiphenyl
Concen: 11.96 ng
RT: 9.98 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:172 Resp: 116471

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.3	42.5
170	23.5	19.4	29.2

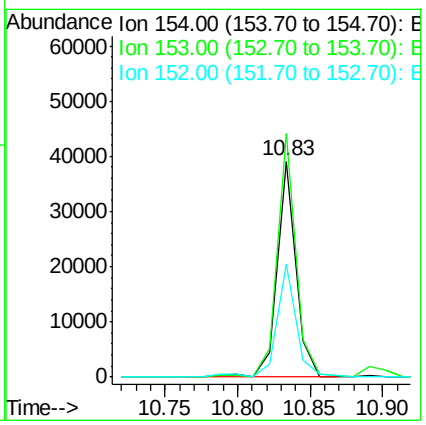


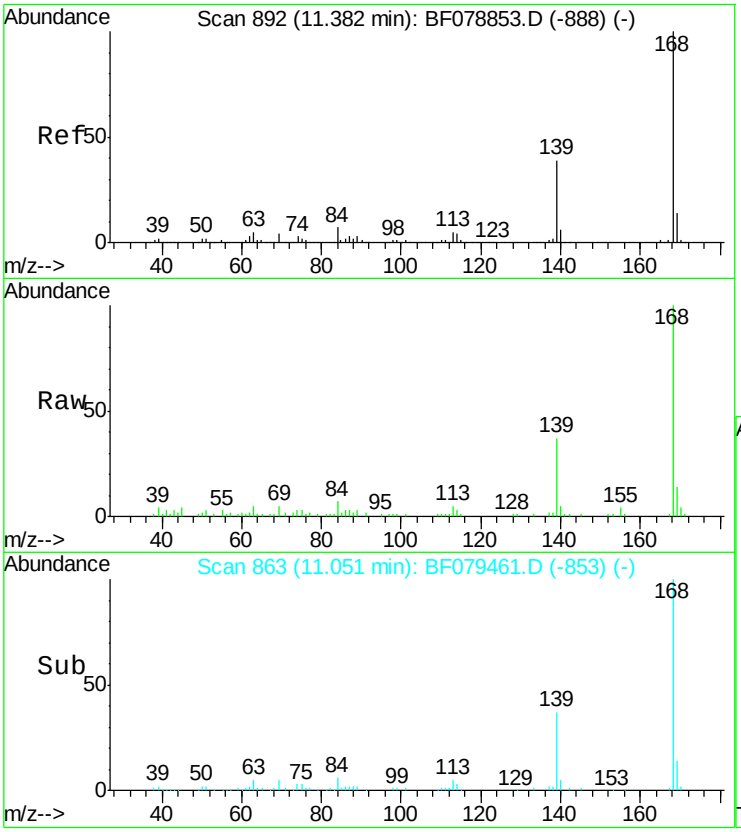


#51
Acenaphthene
Concen: 4.28 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:154 Resp: 35228

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	52.2	43.8	65.8



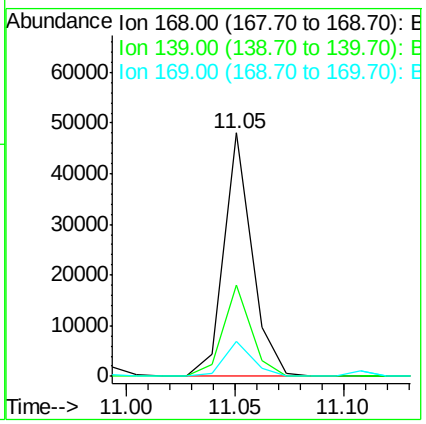


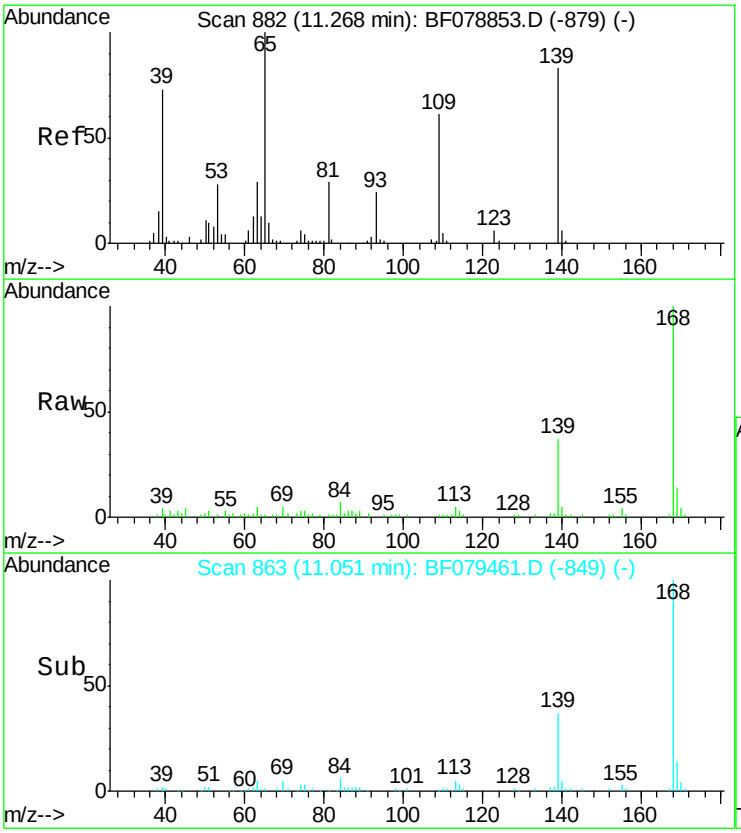
#54
Dibenzofuran
Concen: 3.60 ng
RT: 11.05 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:168 Resp: 42874

Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.5	47.3
169	14.3	11.0	16.4

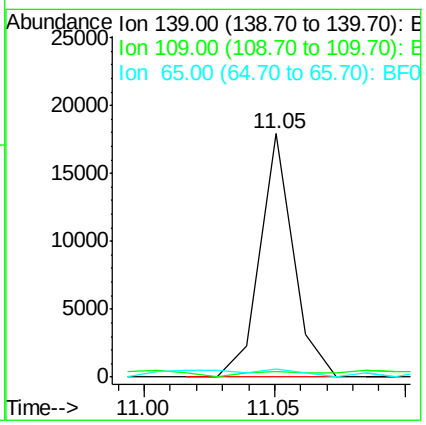


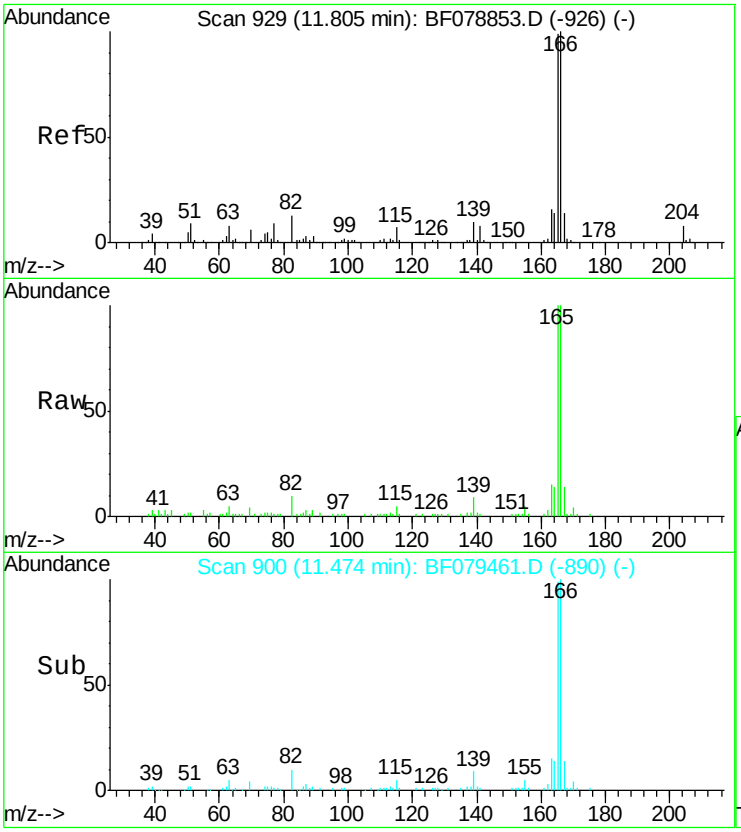


#55
4-Nitrophenol
Concen: 8.23 ng
RT: 11.05 min Scan# 863
Delta R.T. 0.05 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:139 Resp: 16000

Ion	Ratio	Lower	Upper
139	100		
109	2.4	54.4	94.4#
65	3.2	101.0	141.0#



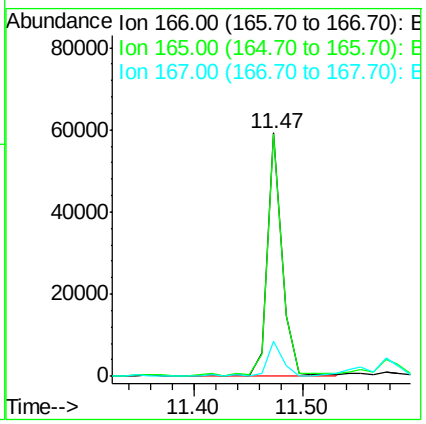


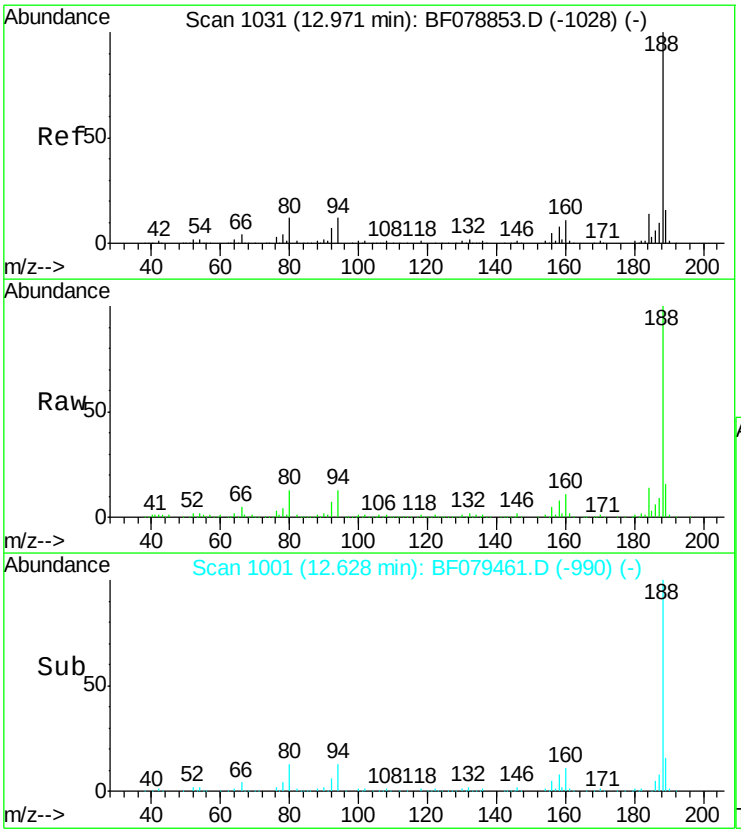
#57
Fluorene
Concen: 5.77 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:166 Resp: 56363

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.5	119.3
167	14.3	11.0	16.6

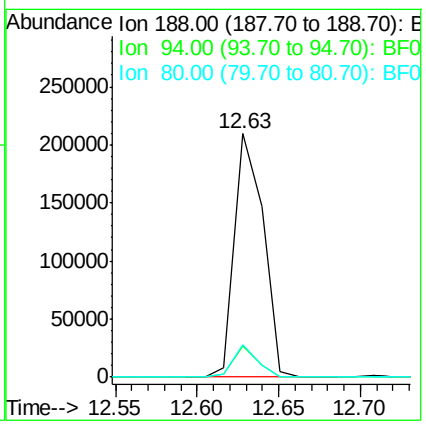


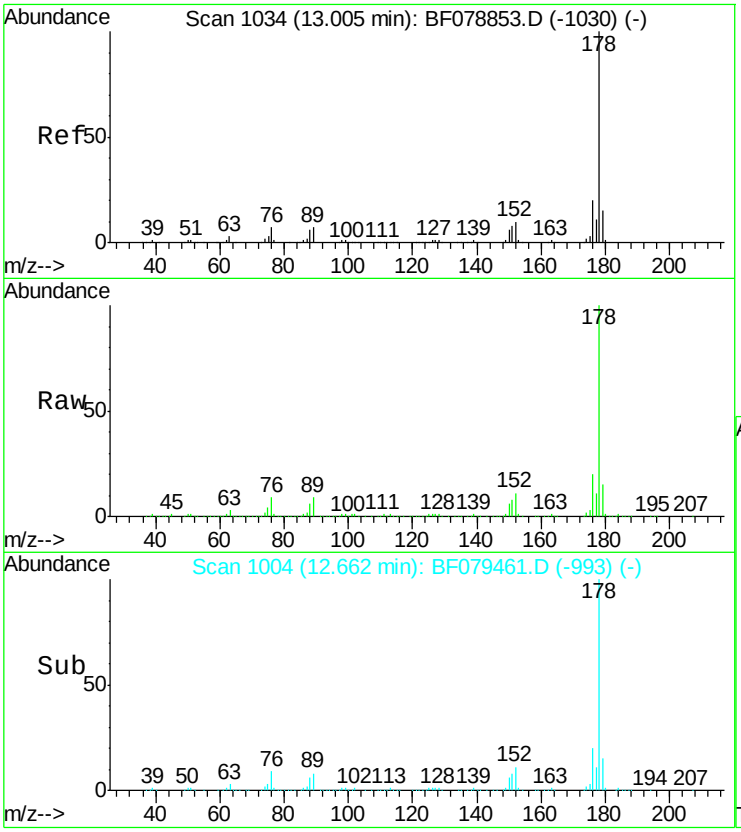


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:188 Resp: 254045

Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.4	14.0
80	13.3	9.8	14.6



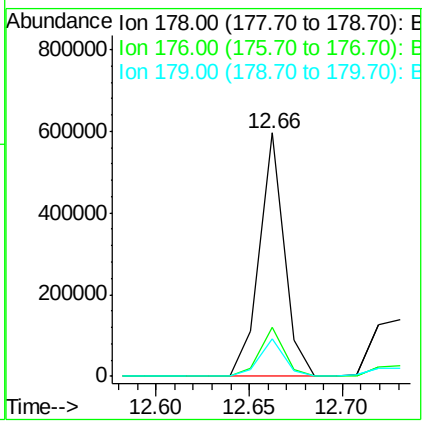


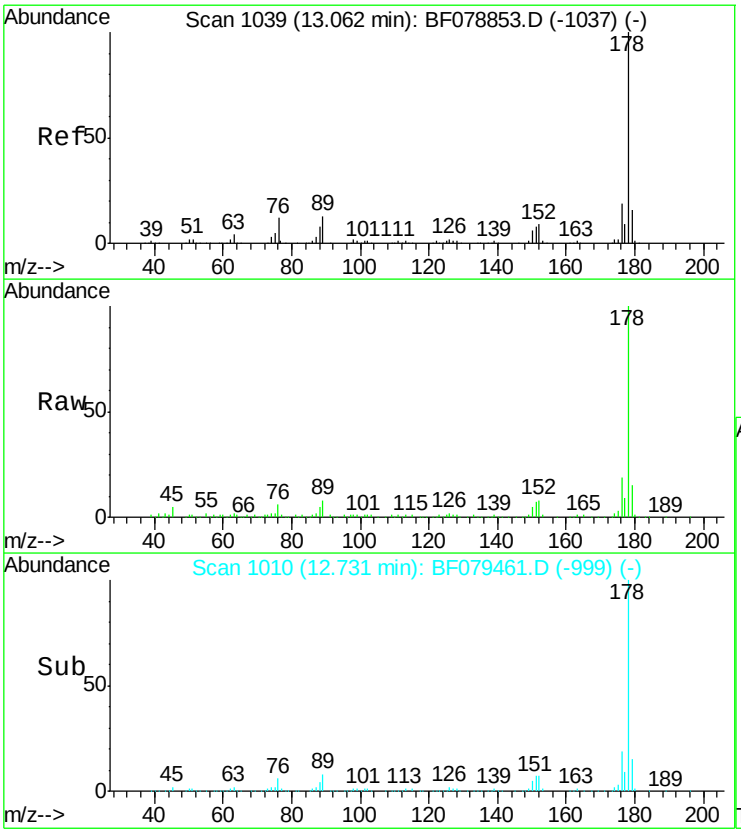
#70
Phenanthrene
Concen: 38.65 ng
RT: 12.66 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:178 Resp: 549338

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.5	12.2	18.4

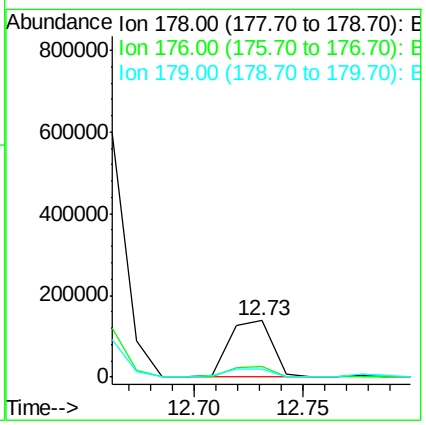


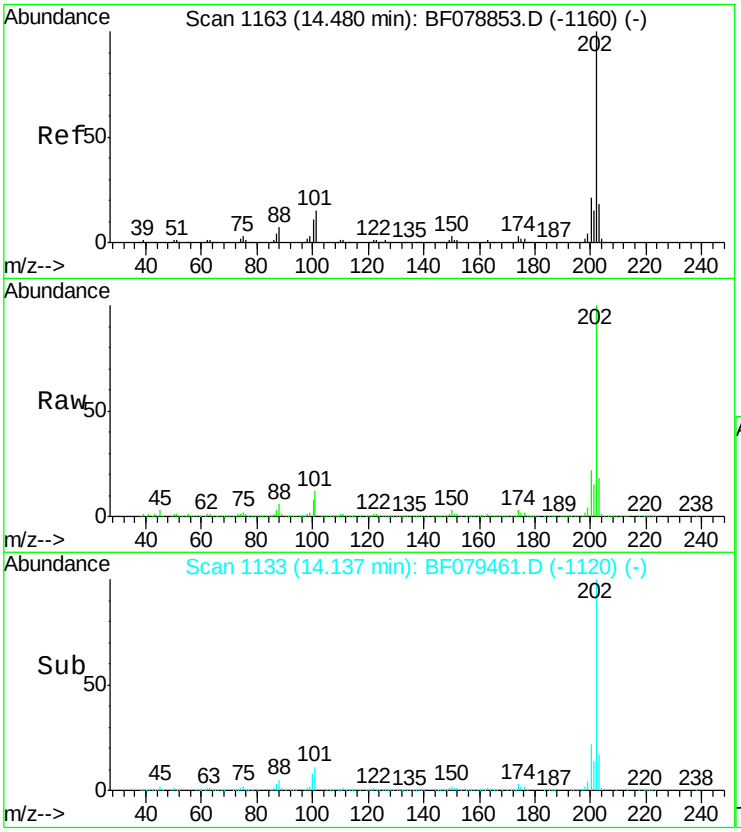


#71
Anthracene
Concen: 13.29 ng
RT: 12.73 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:178 Resp: 185337

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.5	12.6	19.0



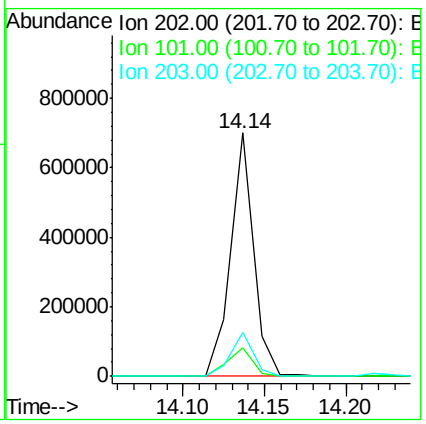


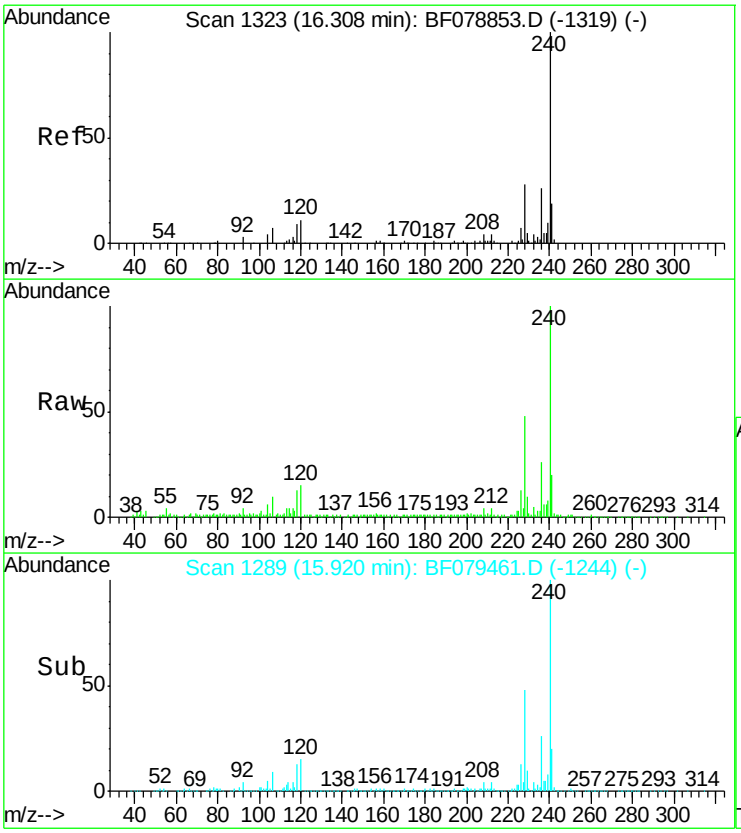
#74
Fluoranthene
Concen: 45.80 ng
RT: 14.14 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:202 Resp: 678227

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.7
203	17.8	0.0	37.9

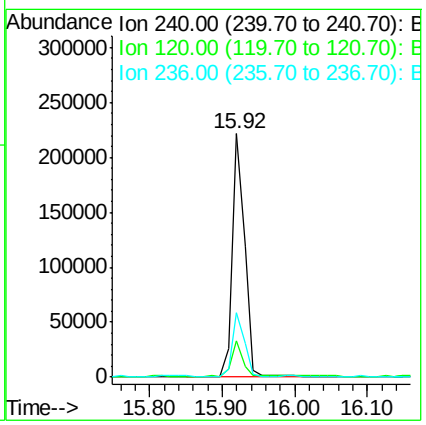


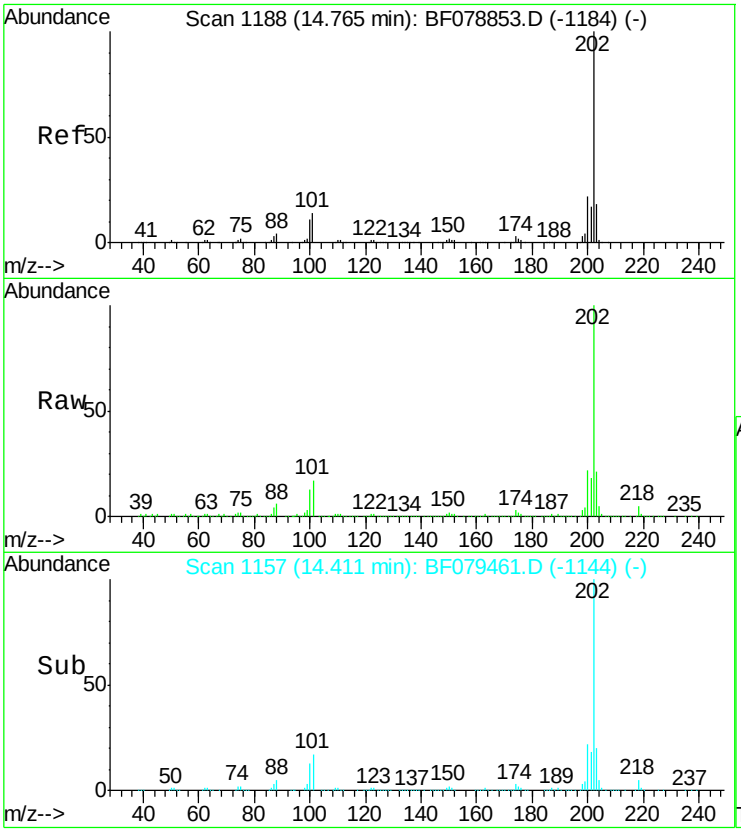


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:240 Resp: 258683

Ion	Ratio	Lower	Upper
240	100		
120	15.0	8.6	12.8#
236	26.5	21.0	31.6



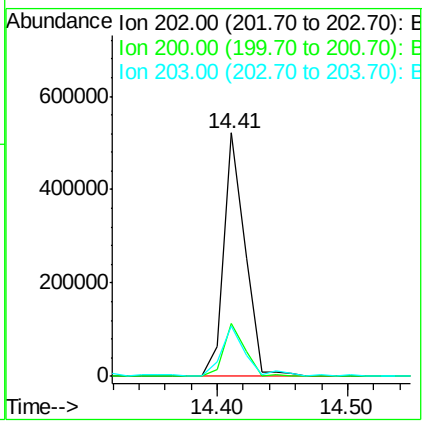


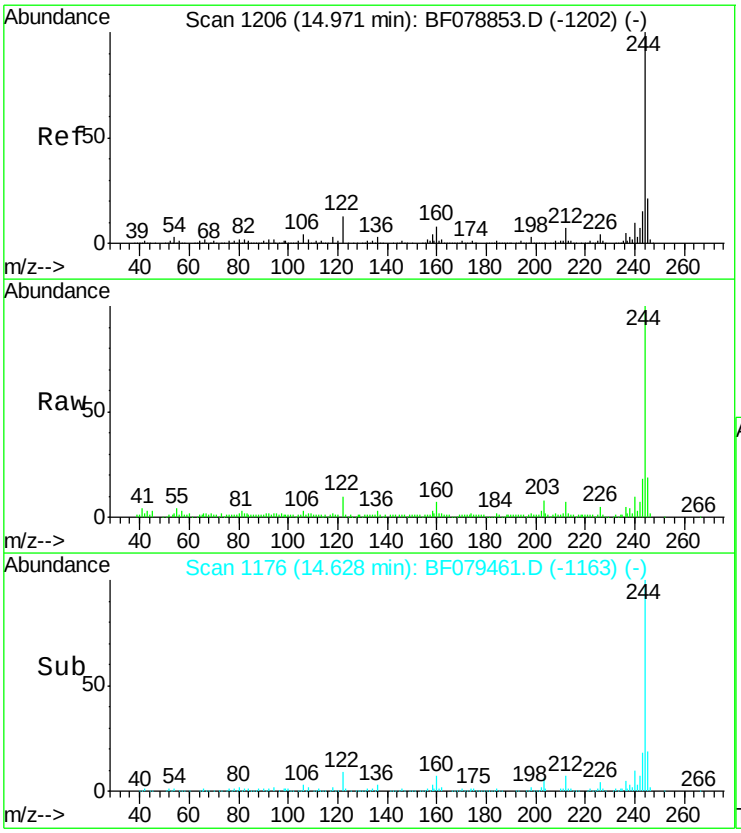
#77
Pyrene
Concen: 39.64 ng
RT: 14.41 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:202 Resp: 590919

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	20.7	14.7	22.1

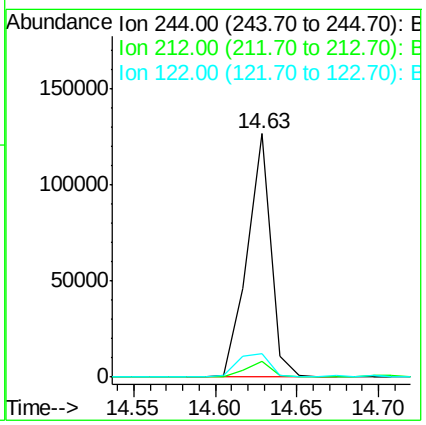


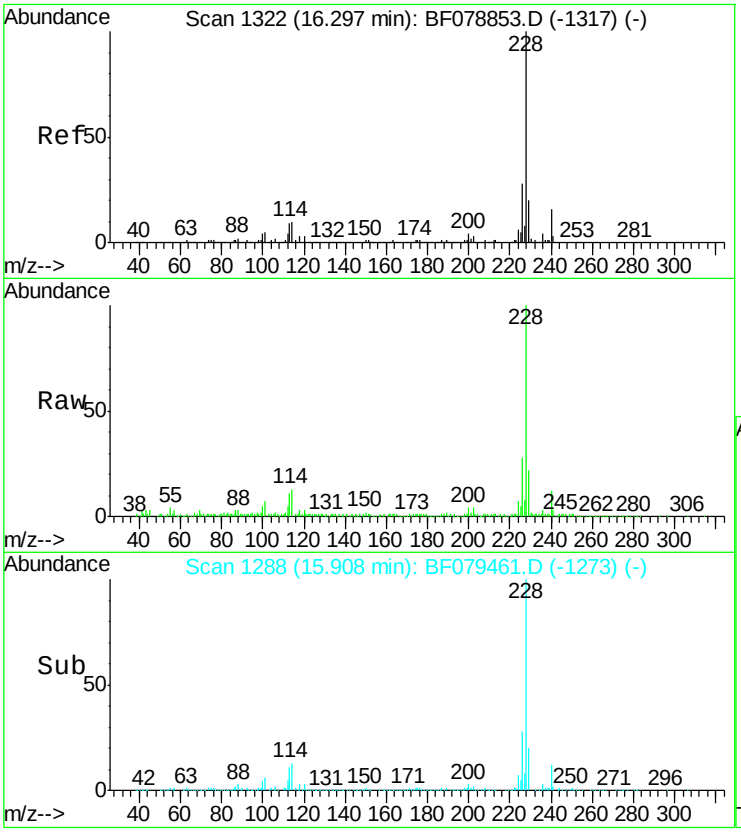


#78
Terphenyl-d14
Concen: 11.75 ng
RT: 14.63 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:244 Resp: 126986

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	9.5	10.5	15.7#



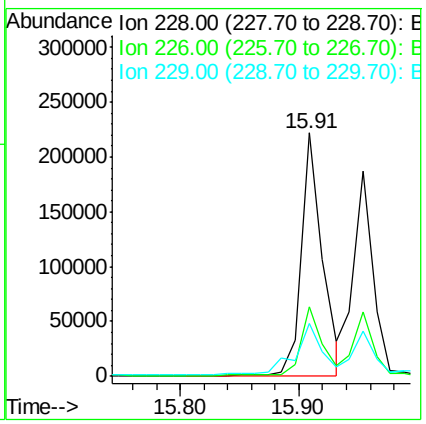


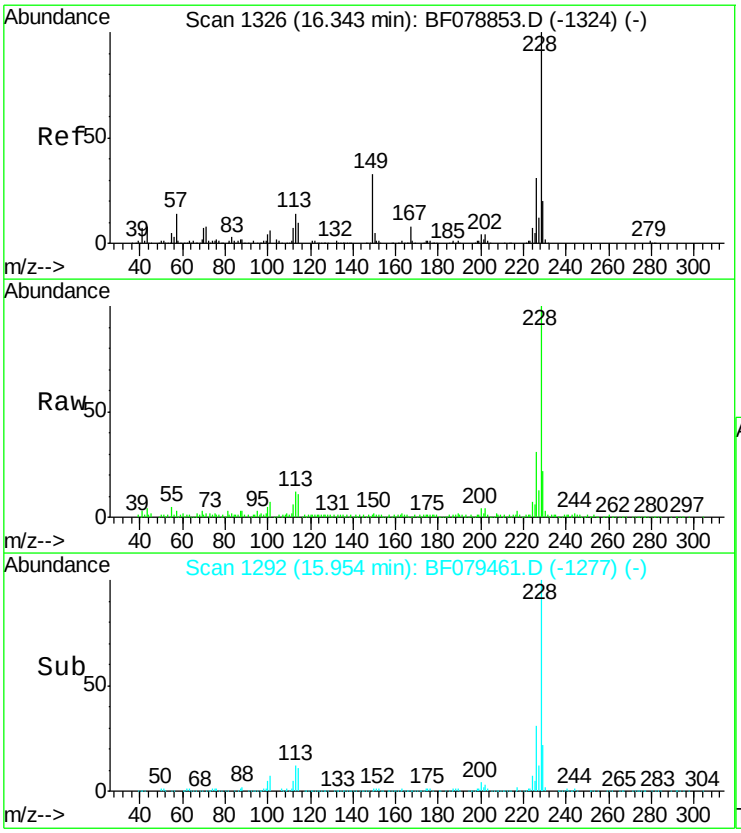
#80
Benzo(a)anthracene
Concen: 19.25 ng
RT: 15.91 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:228 Resp: 272629

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	21.5	16.1	24.1

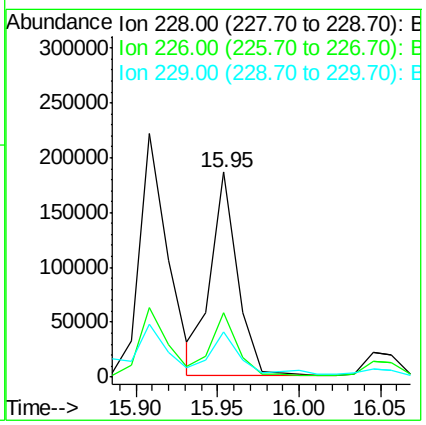


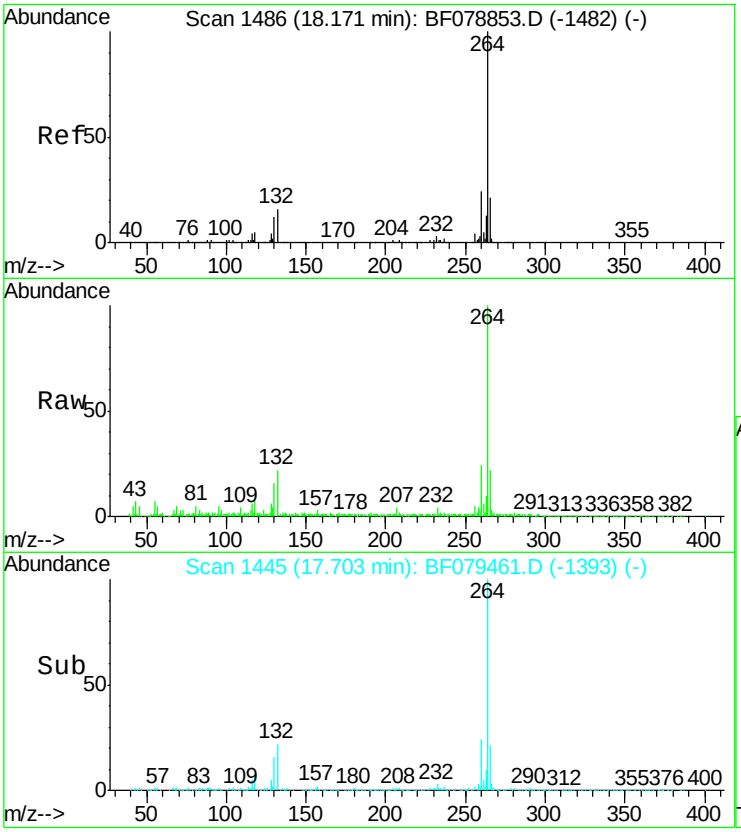


#82
Chrysene
Concen: 15.48 ng
RT: 15.95 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:228 Resp: 210922

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	22.3	16.1	24.1



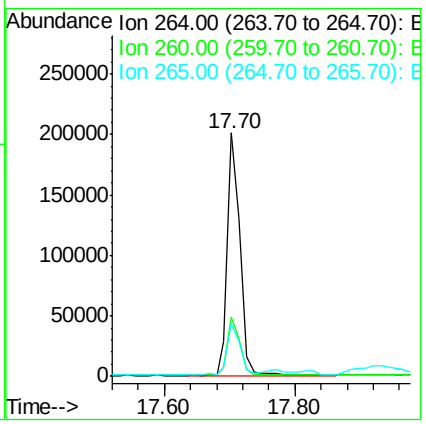


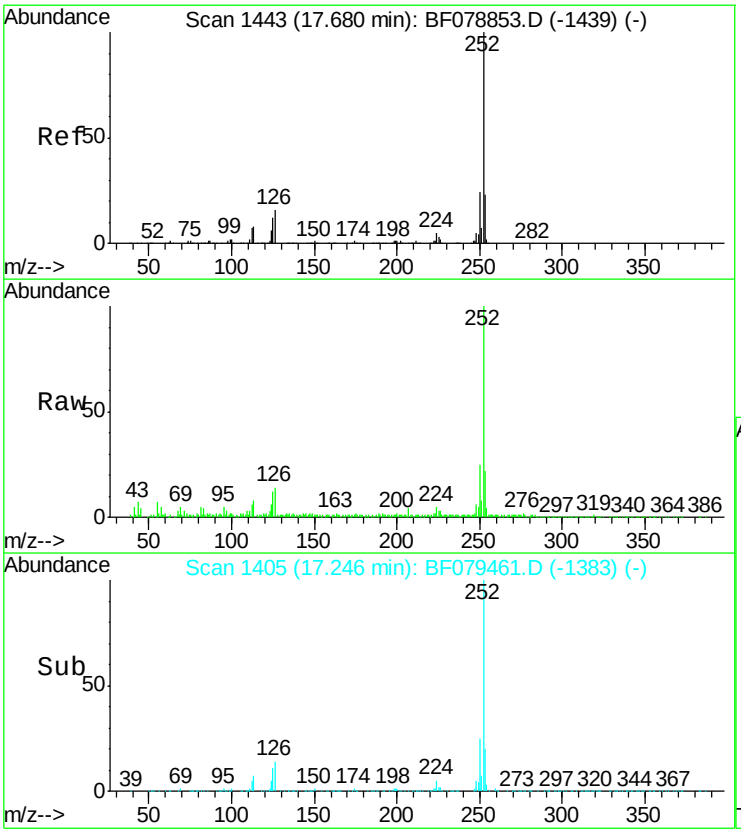
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1445
Delta R.T. 0.09 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:264 Resp: 266479

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.2	25.8

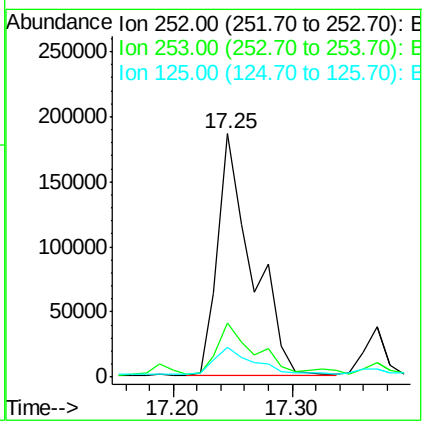


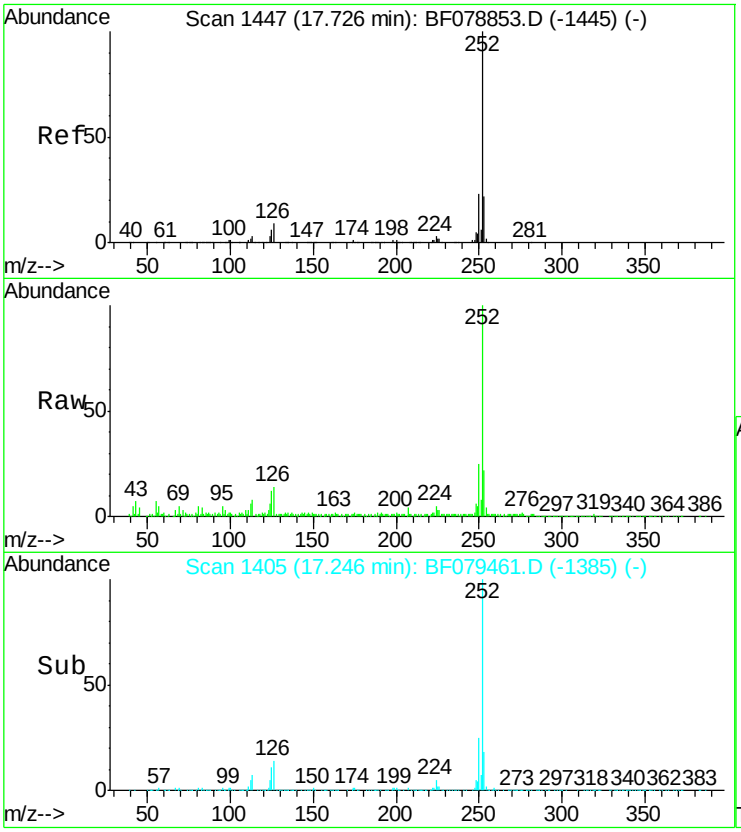


#87
Benzo(b)fluoranthene
Concen: 25.75 ng
RT: 17.25 min Scan# 1405
Delta R.T. 0.07 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:252 Resp: 375570

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.1	9.4	14.2



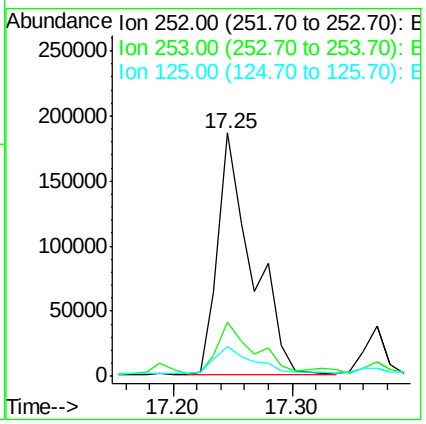


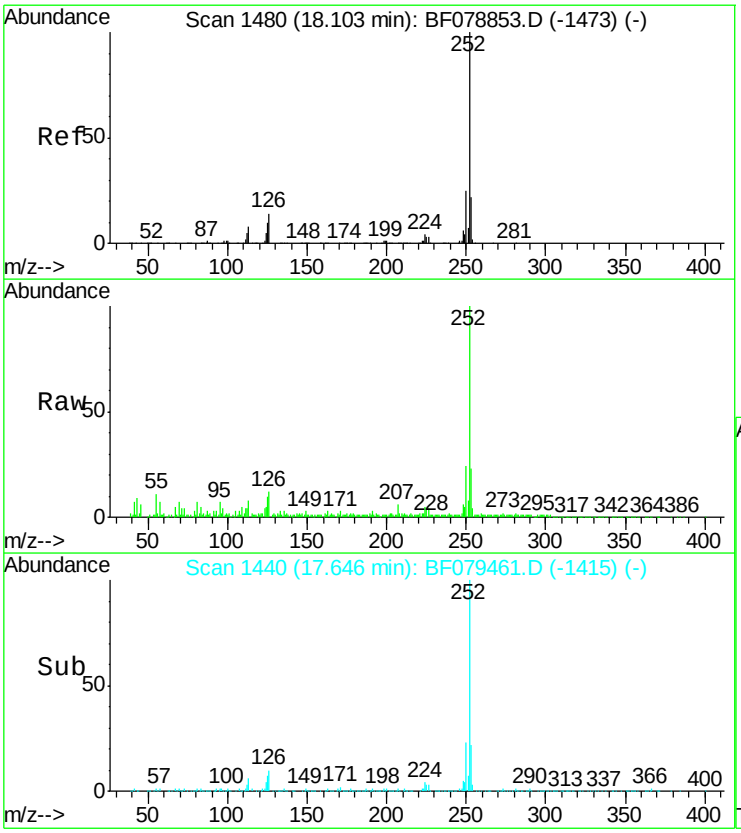
#88
Benzo(k)fluoranthene
Concen: 26.60 ng
RT: 17.25 min Scan# 1405
Delta R.T. 0.05 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:252 Resp: 375570

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	12.1	6.1	9.1#

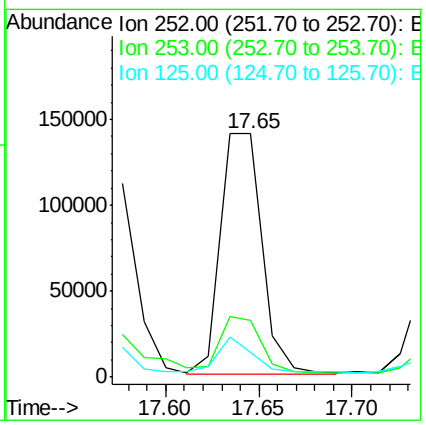


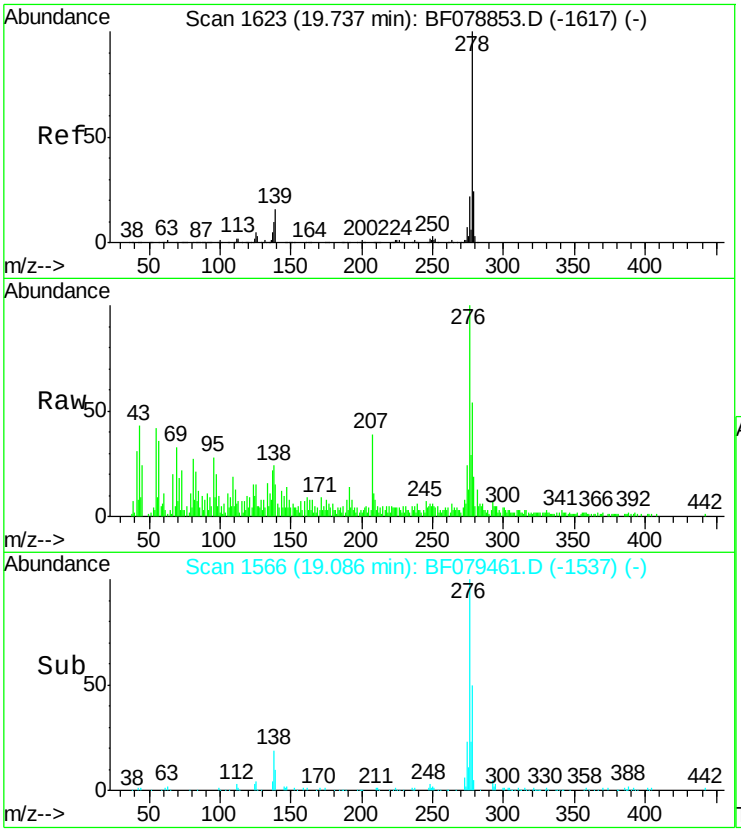


#89
Benzo(a)pyrene
Concen: 16.24 ng
RT: 17.65 min Scan# 1440
Delta R.T. 0.10 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:252 Resp: 218088

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	10.1	8.2	12.2



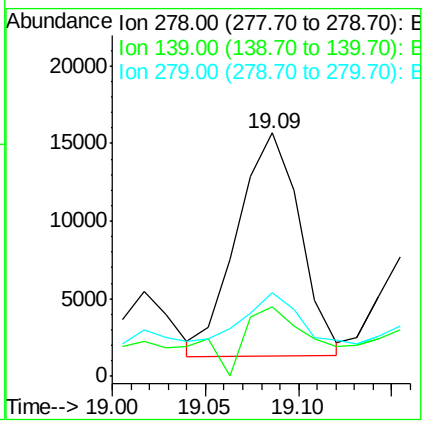


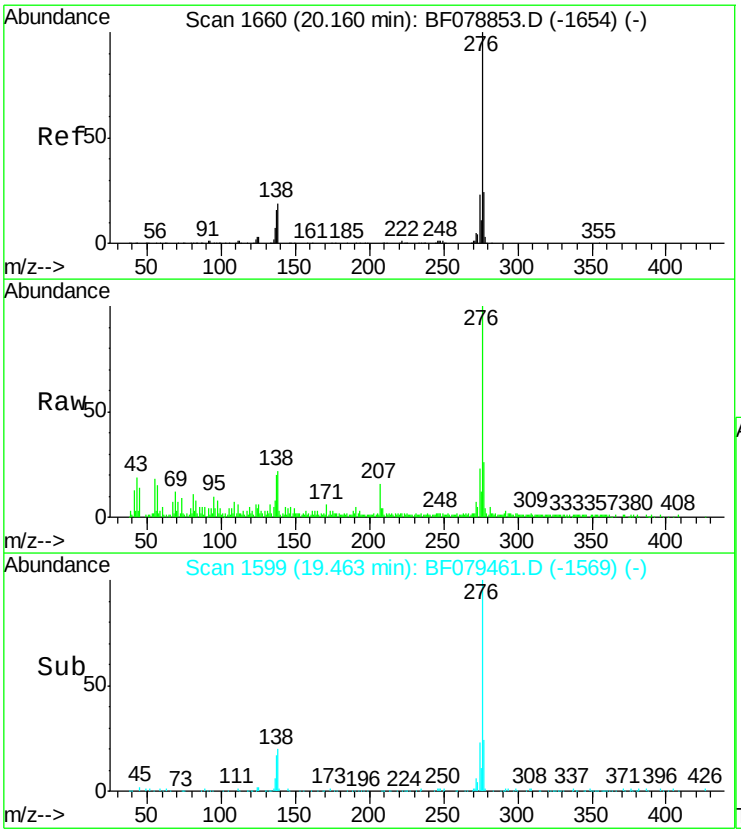
#90
Dibenzo(a,h)anthracene
Concen: 2.37 ng
RT: 19.09 min Scan# 1566
Delta R.T. 0.13 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-32D

Tgt Ion:278 Resp: 33836

Ion	Ratio	Lower	Upper
278	100		
139	28.6	13.1	19.7#
279	34.5	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 9.46 ng
RT: 19.46 min Scan# 1599
Delta R.T. 0.14 min
Lab File: BF079461.D
Acq: 23 May 2015 7:26

Tgt Ion:276 Resp: 135306

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.8	28.2
138	21.7	15.2	22.8