Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079733.D
Acq On : 5 Jun 2015 9:32
Operator : TP/IZ
Sample : G2450-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEC-3.6-SP

Quant Time: Jun 08 03:11:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 19:33:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	54499	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	215815	20.00	ng		0.01
38) Acenaphthene-d10	10.58	164	118741	20.00	ng		0.00
63) Phenanthrene-d10	12.13	188	234738	20.00	ng		0.02
75) Chrysene-d12	15.36	240	269715m	20.00	ng		0.19
86) Perylene-d12	17.46	264	253162m	20.00	ng		0.30
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	431881	135.88	ng		0.01
7) Phenol-d6	7.11	99	590623	142.75	ng		0.01
23) Nitrobenzene-d5	8.07	82	303385	85.59	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	139298	130.64	ng		0.01
44) 2-Fluorobiphenyl	9.87	172	628956	76.69	ng		0.00
78) Terphenyl-d14	13.94	244	809856	70.74	ng		0.11
Target Compounds							Qvalue
31) Naphthalene	8.82	128	36148	3.04	ng		97
37) 2-Methylnaphthalene	9.52	142	40994	5.11	ng		98
48) Acenaphthylene	10.44	152	74127	5.58	ng	#	92
49) Dimethylphthalate	10.26	163	80343	8.78	ng	#	99
70) Phenanthrene	12.15	178	51460	3.77	ng		96
71) Anthracene	12.21	178	70322	5.20	ng		97
74) Fluoranthene	13.51	202	272479	18.40	ng		97
77) Pyrene	13.79	202	277065m	16.53	ng		
80) Benzo(a)anthracene	15.35	228	211683m	12.84	ng		
82) Chrysene	15.39	228	165437m	10.72	ng		
85) Indeno(1,2,3-cd)pyrene	19.51	276	97201m	5.58	ng		
87) Benzo(b)fluoranthene	16.87	252	307315m	18.82	ng		
88) Benzo(k)fluoranthene	16.90	252	68406m	4.39	ng		
89) Benzo(a)pyrene	17.37	252	158650m	10.63	ng		
90) Dibenzo(a,h)anthracene	19.53	278	30345m	2.20	ng		
91) Benzo(g,h,i)perylene	20.13	276	81453m	5.78	ng		

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079733.D
Acq On : 5 Jun 2015 9:32
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Misc :
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Instrument :
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SEC-3.6-SP

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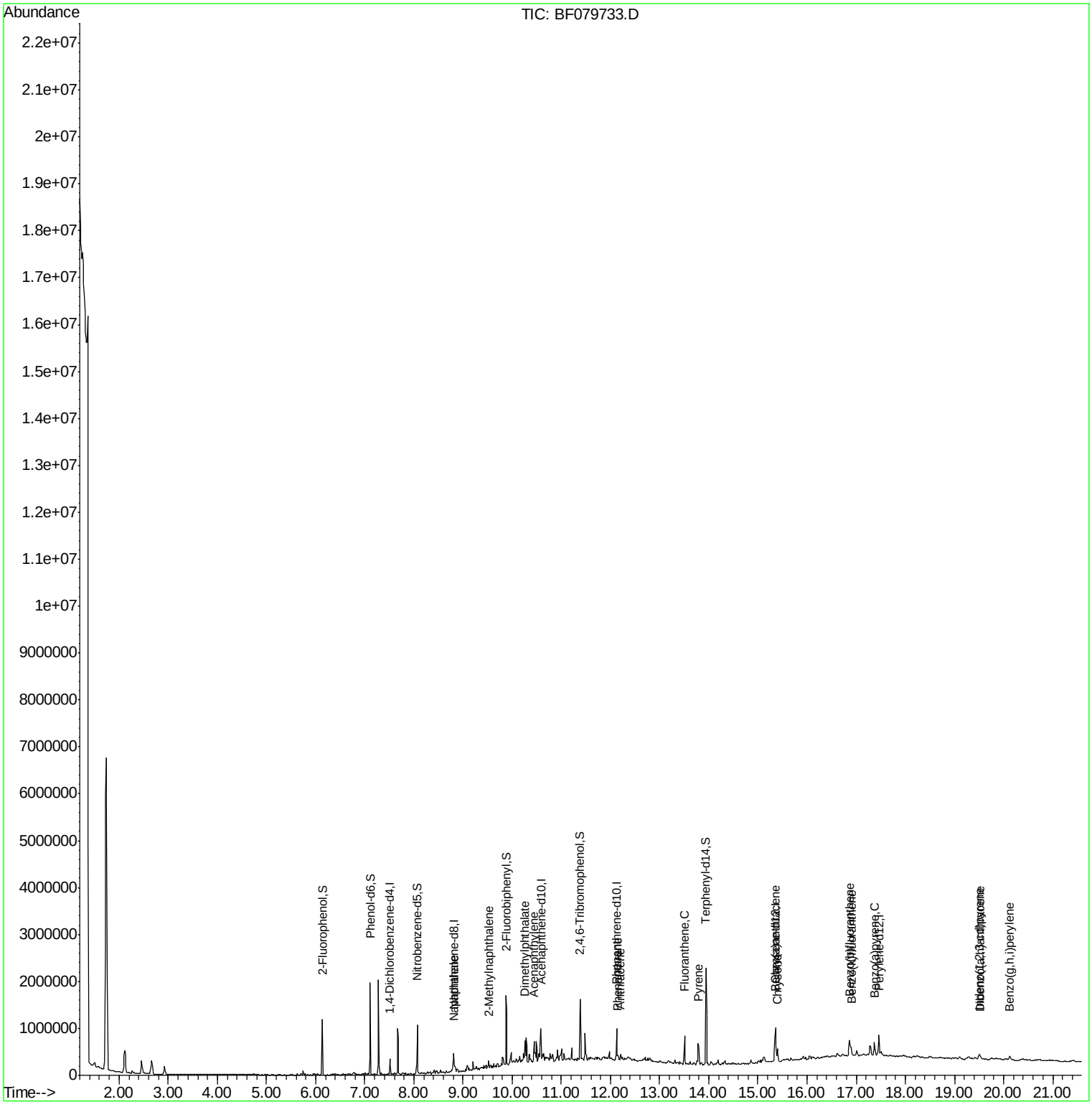
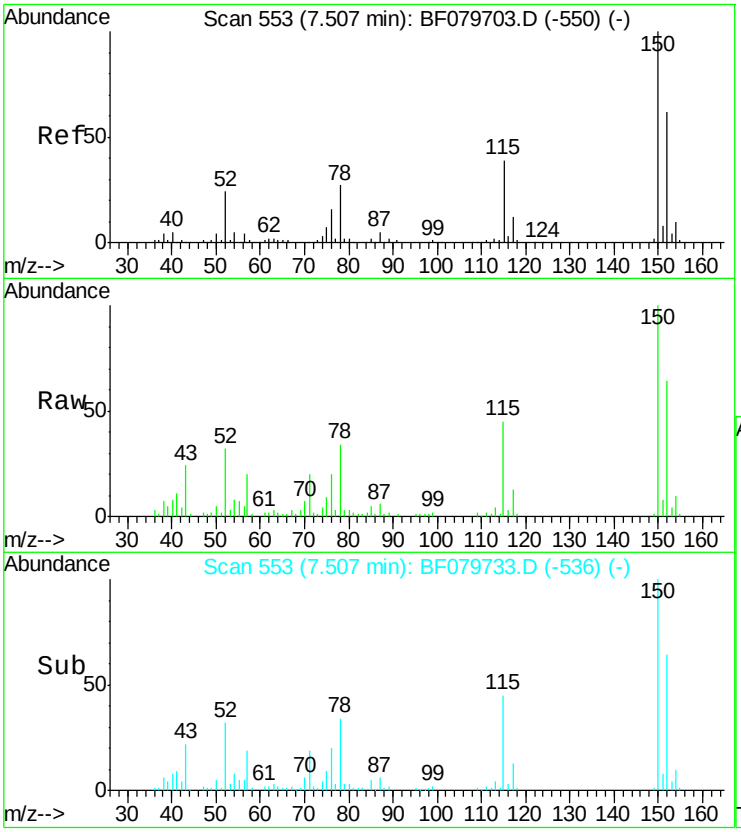


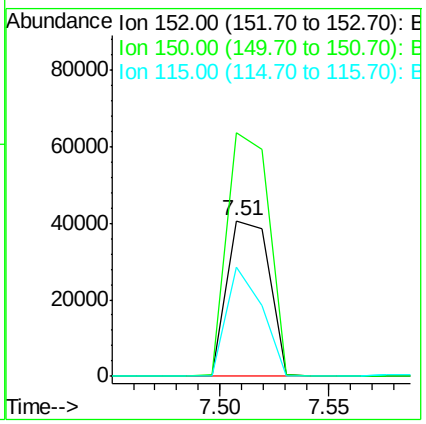


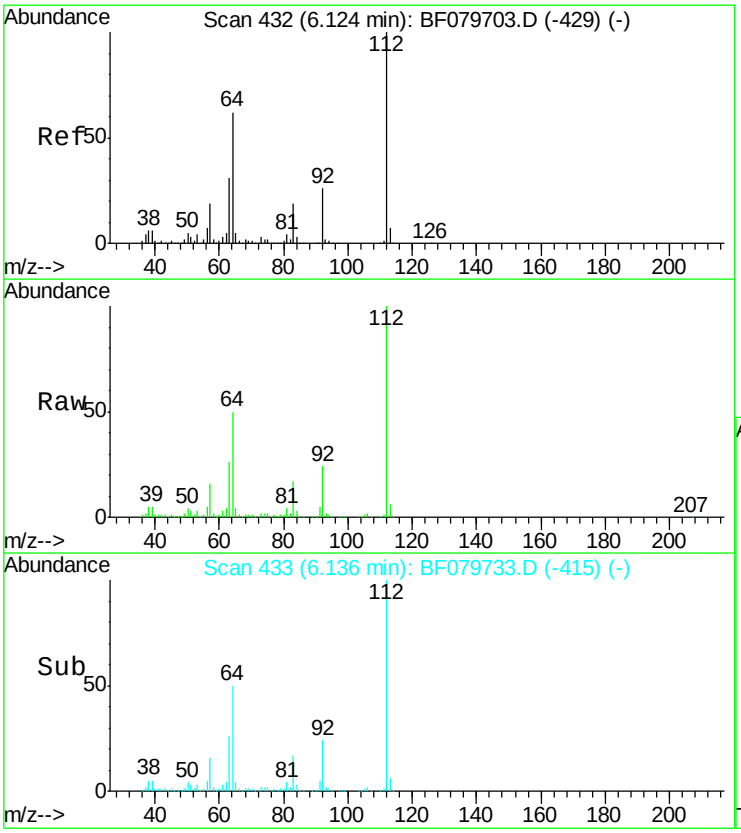
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:152 Resp: 54499

Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.1	192.1
115	70.1	49.7	74.5

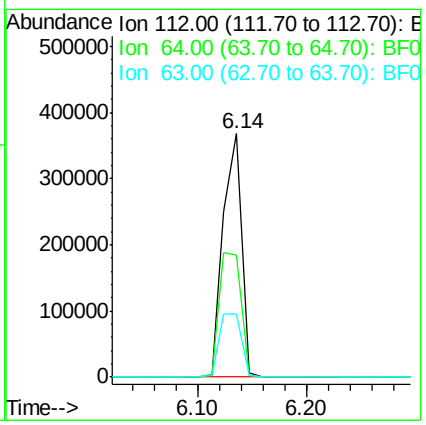


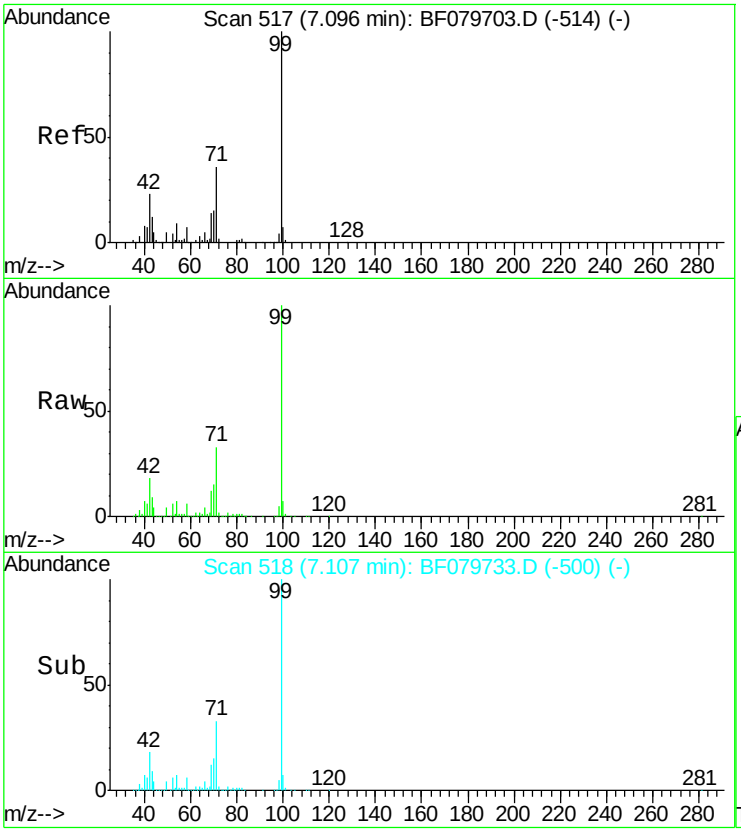


#5
2-Fluorophenol
Concen: 135.88 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:112 Resp: 431881

Ion	Ratio	Lower	Upper
112	100		
64	49.9	49.6	74.4
63	25.7	24.9	37.3



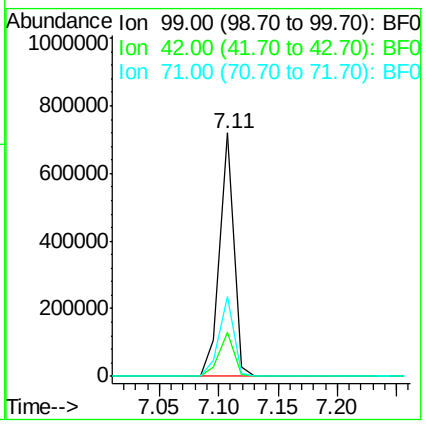


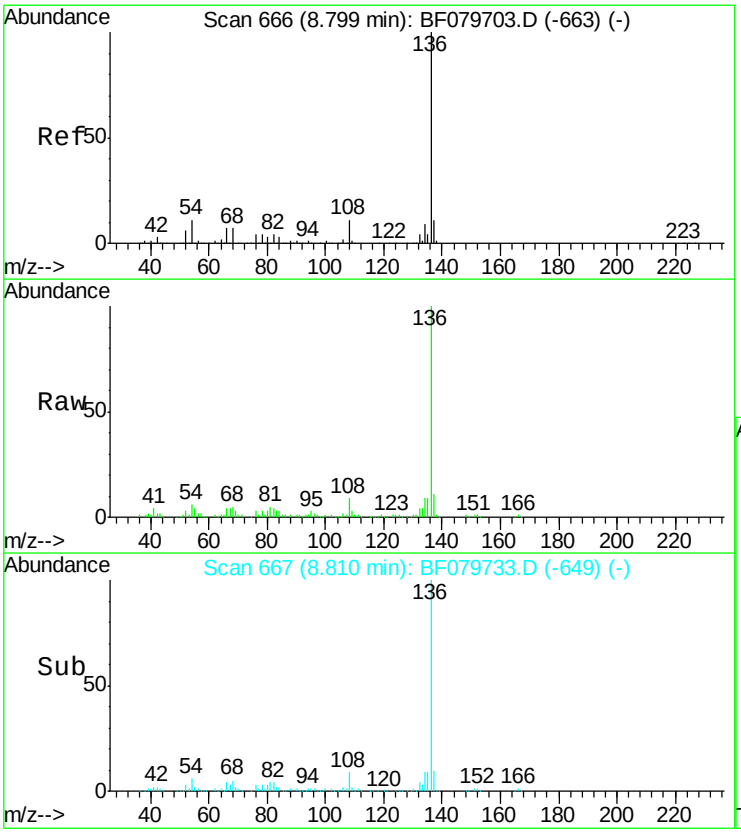
#7
Phenol-d6
Concen: 142.75 ng
RT: 7.11 min Scan# 518
Delta R.T. 0.01 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion: 99 Resp: 590623

Ion	Ratio	Lower	Upper
99	100		
42	18.2	18.0	27.0
71	32.6	28.4	42.6

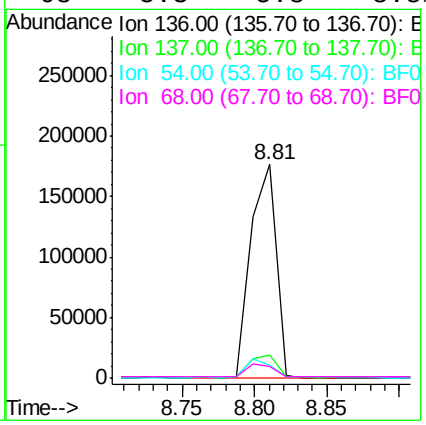


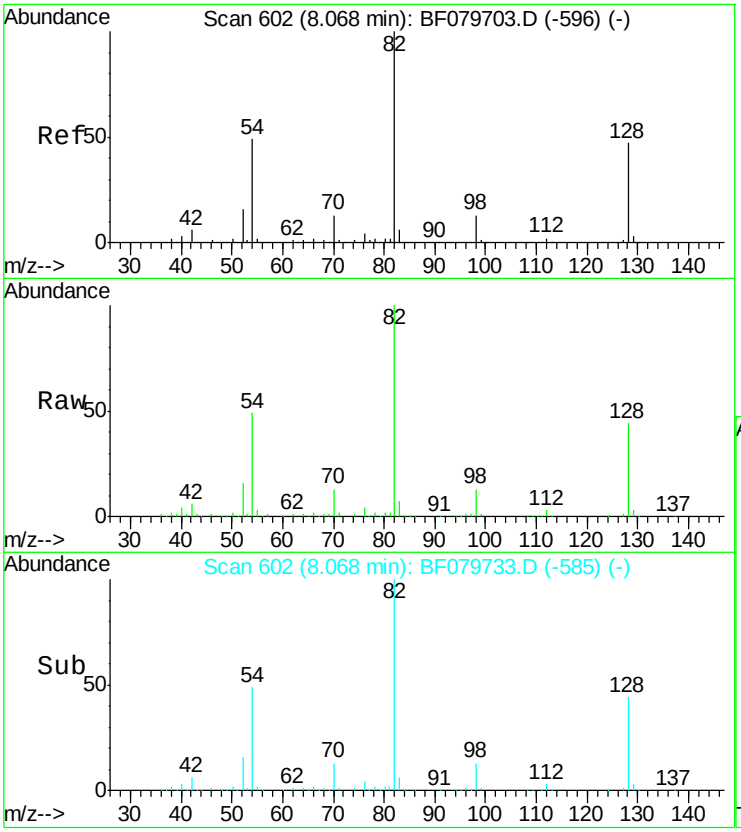


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.01 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:136 Resp: 215815

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.0	8.7	13.1#
68	5.3	5.8	8.8#



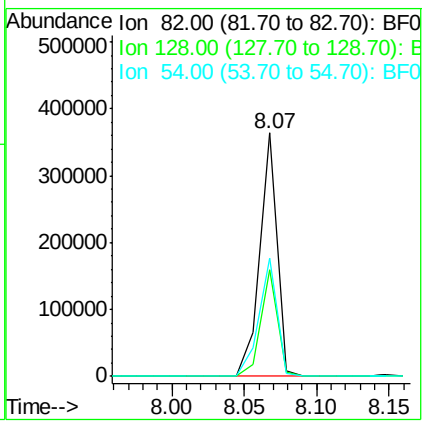


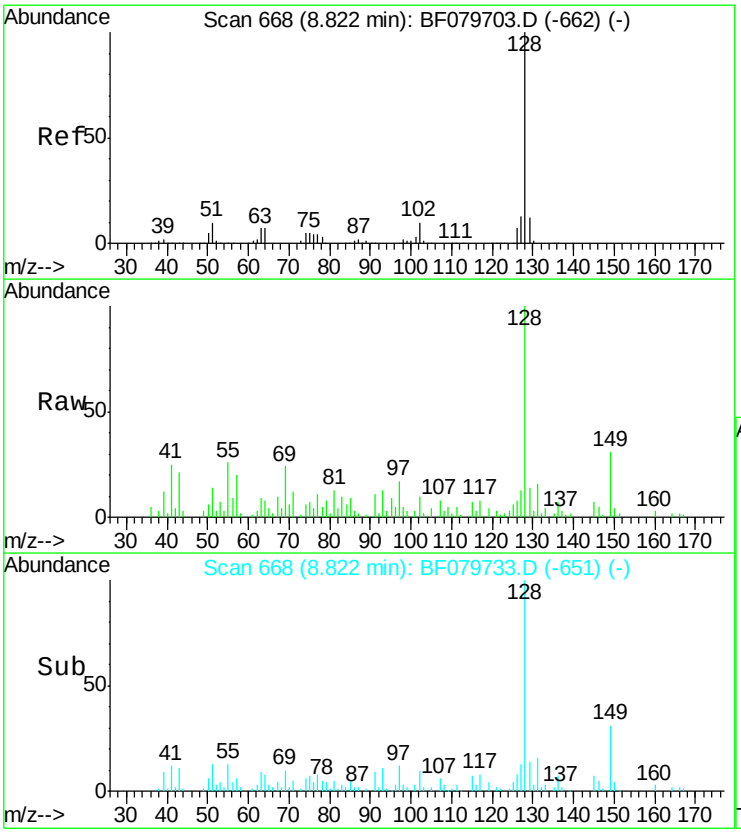
#23
Nitrobenzene-d5
Concen: 85.59 ng
RT: 8.07 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion: 82 Resp: 303385

Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.6	56.4
54	48.6	39.4	59.2

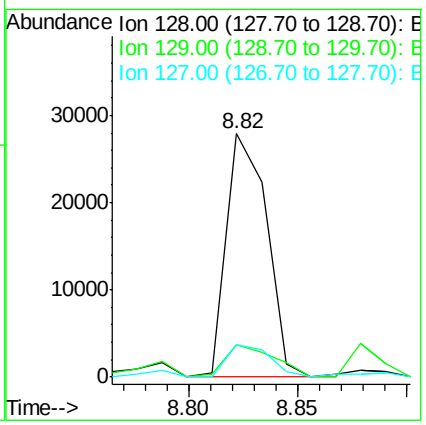


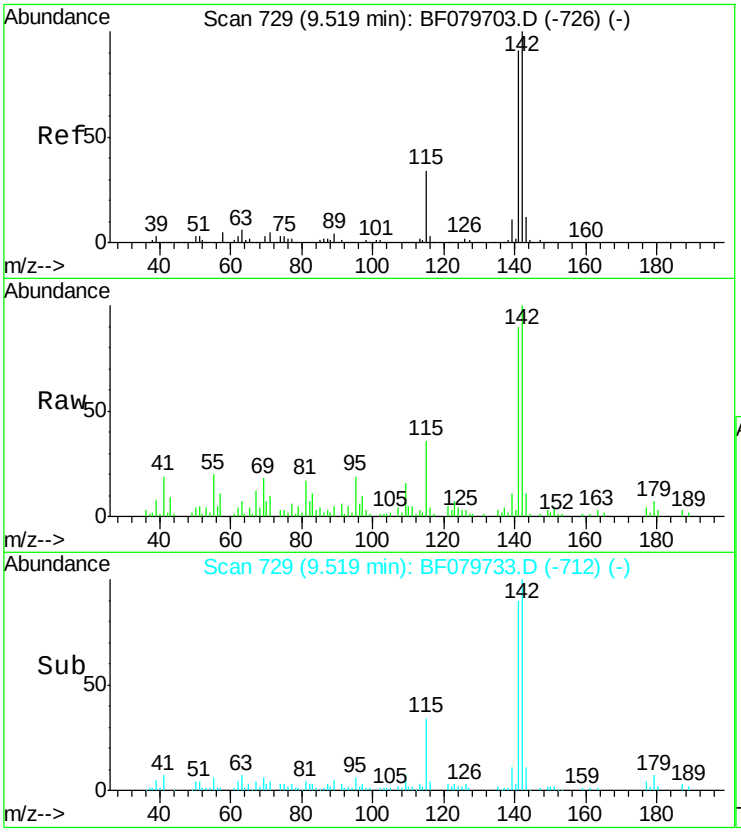


#31
Naphthalene
Concen: 3.04 ng
RT: 8.82 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:128 Resp: 36148

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.4	14.2
127	13.1	10.7	16.1



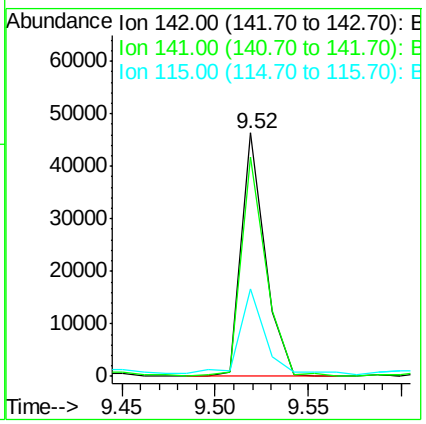


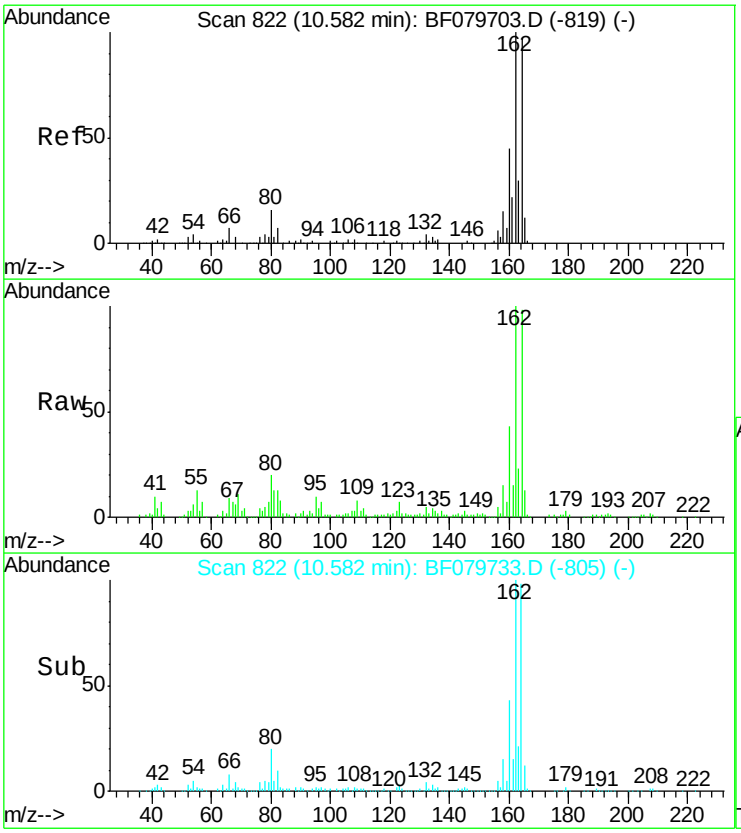
#37
2-Methylnaphthalene
Concen: 5.11 ng
RT: 9.52 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:142 Resp: 40994

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.8	109.2
115	35.8	26.9	40.3

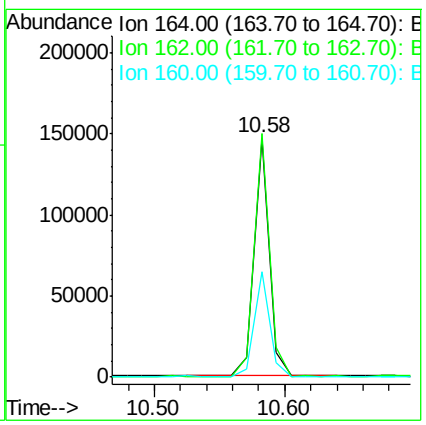


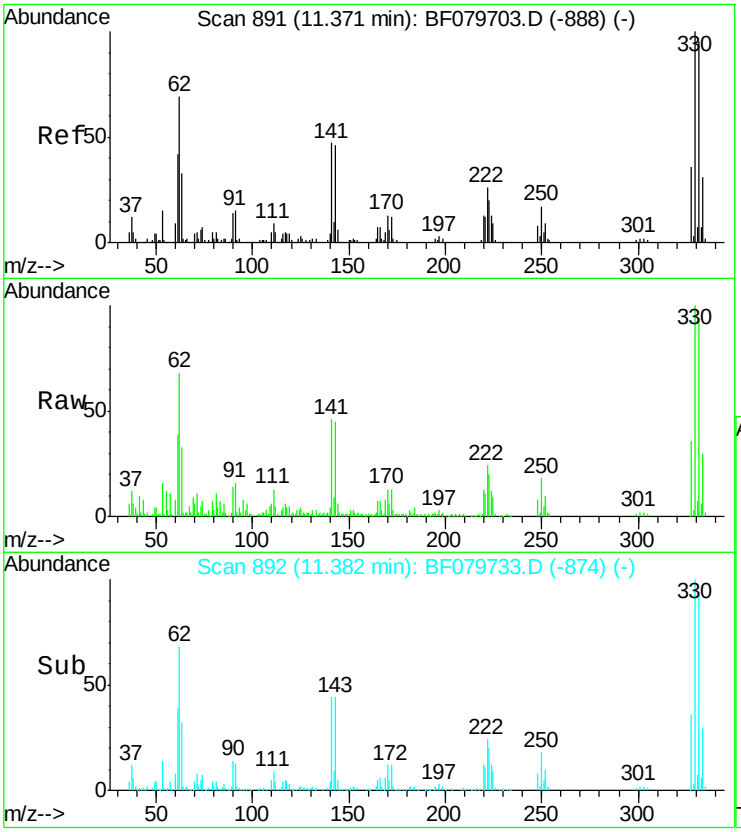


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:164 Resp: 118741

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	43.8	36.8	55.2



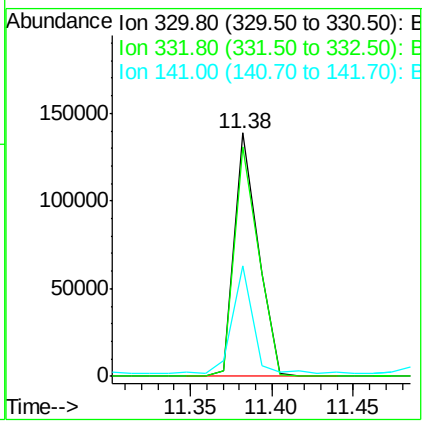


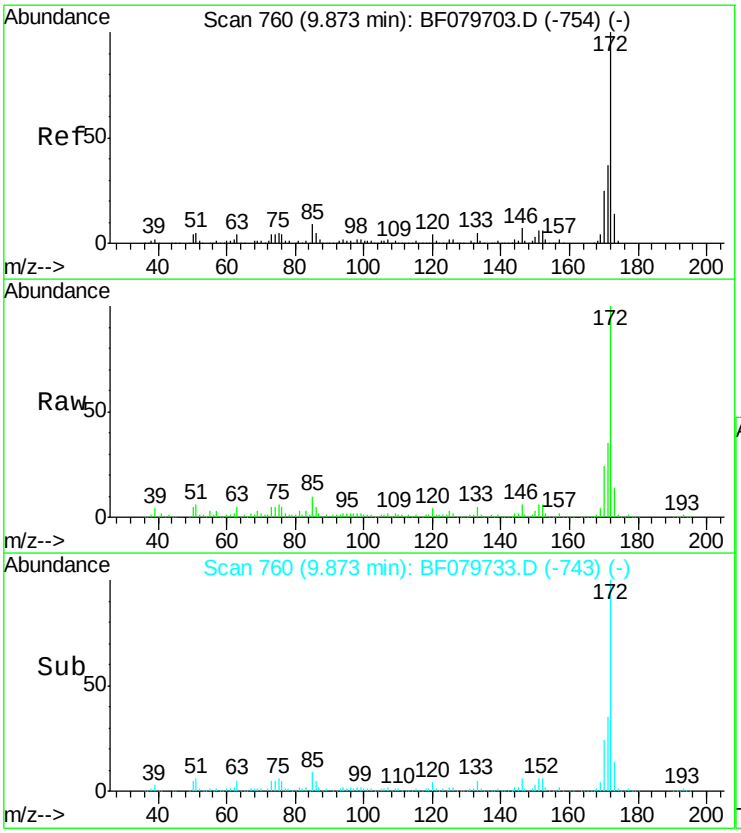
#41
2,4,6-Tribromophenol
Concen: 130.64 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:330 Resp: 139298

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.0
141	38.3	30.2	45.2

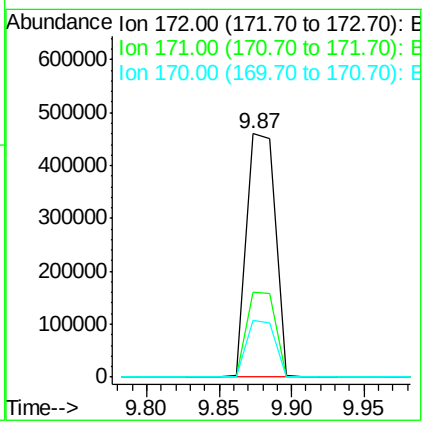


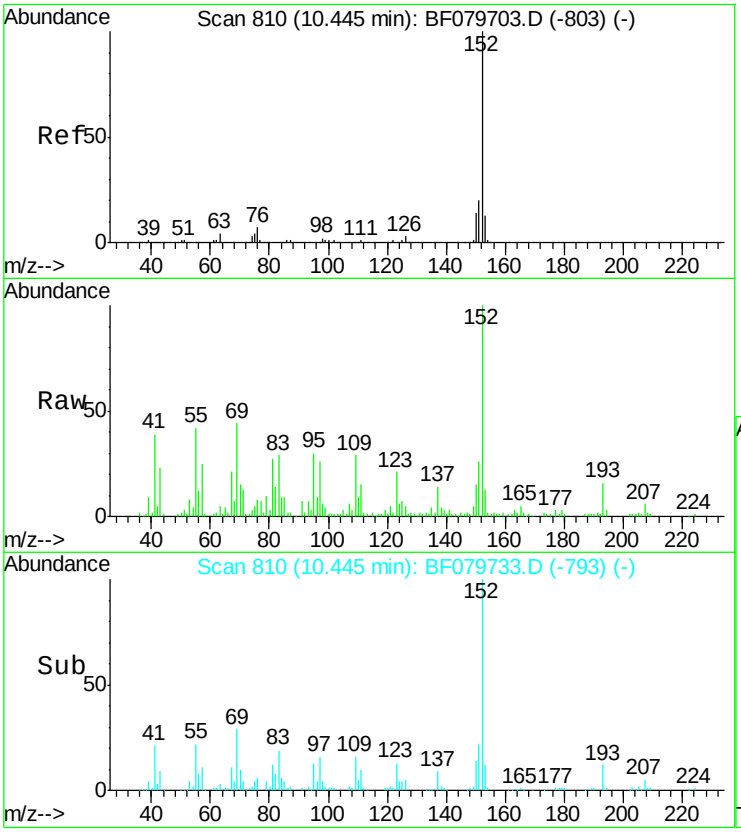


#44
2-Fluorobiphenyl
Concen: 76.69 ng
RT: 9.87 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:172 Resp: 628956

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.0
170	23.5	19.7	29.5



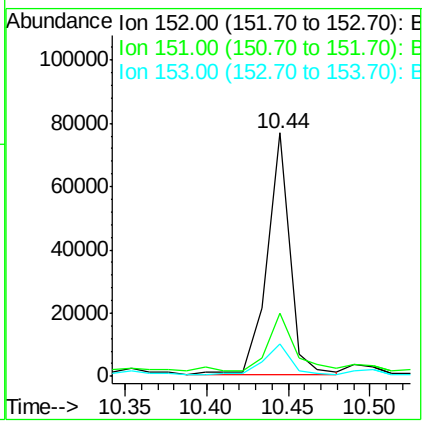


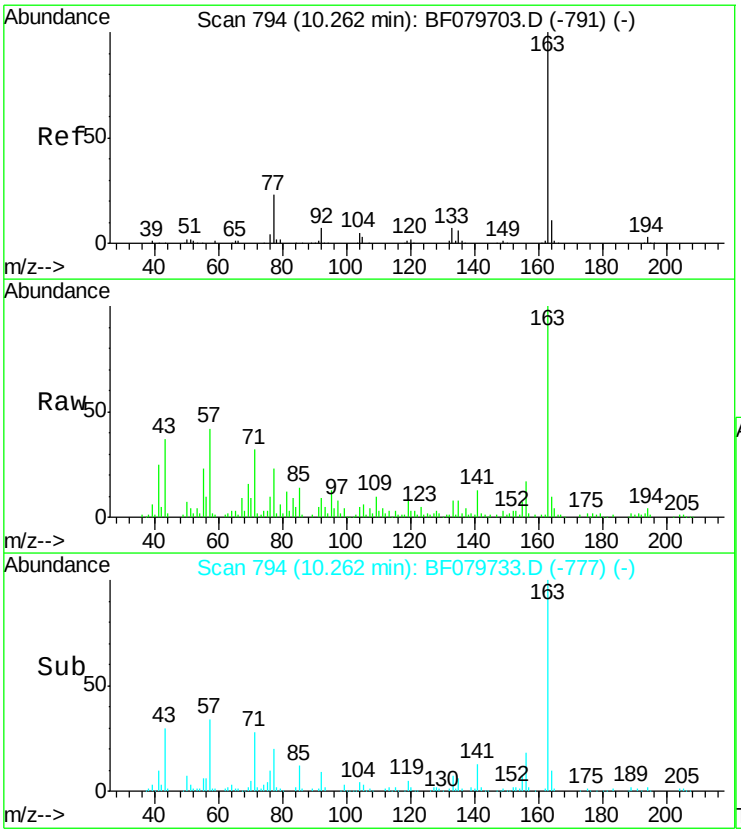
#48
Acenaphthylene
Concen: 5.58 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:152 Resp: 74127

Ion	Ratio	Lower	Upper
152	100		
151	26.0	16.2	24.4#
153	13.5	10.4	15.6

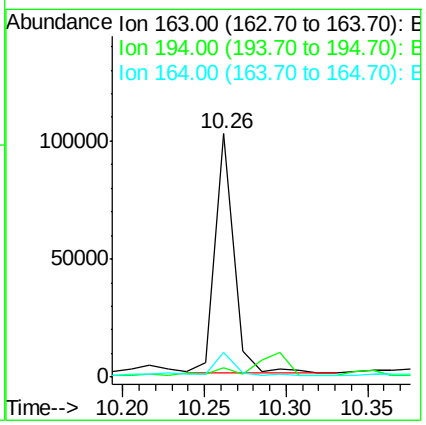


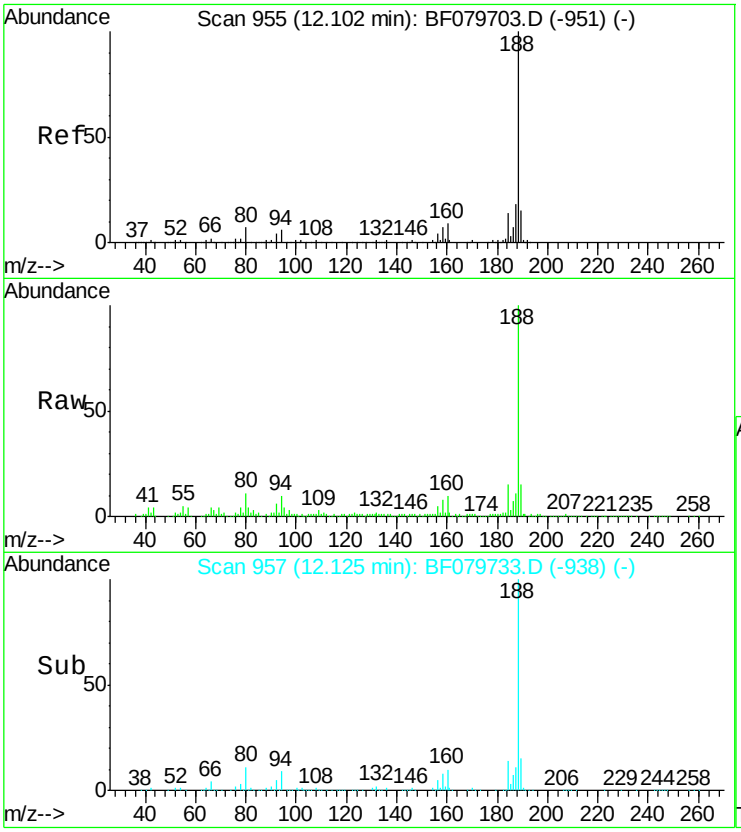


#49
Dimethylphthalate
Concen: 8.78 ng
RT: 10.26 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:163 Resp: 80343

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	3.8#
164	10.3	8.5	12.7



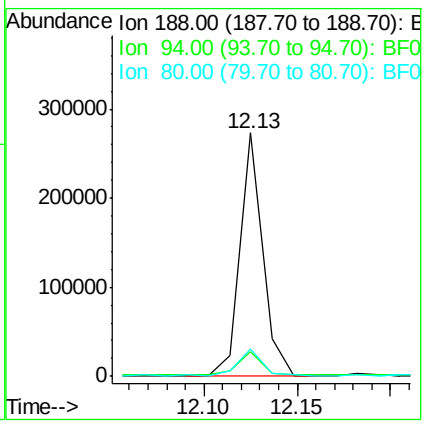


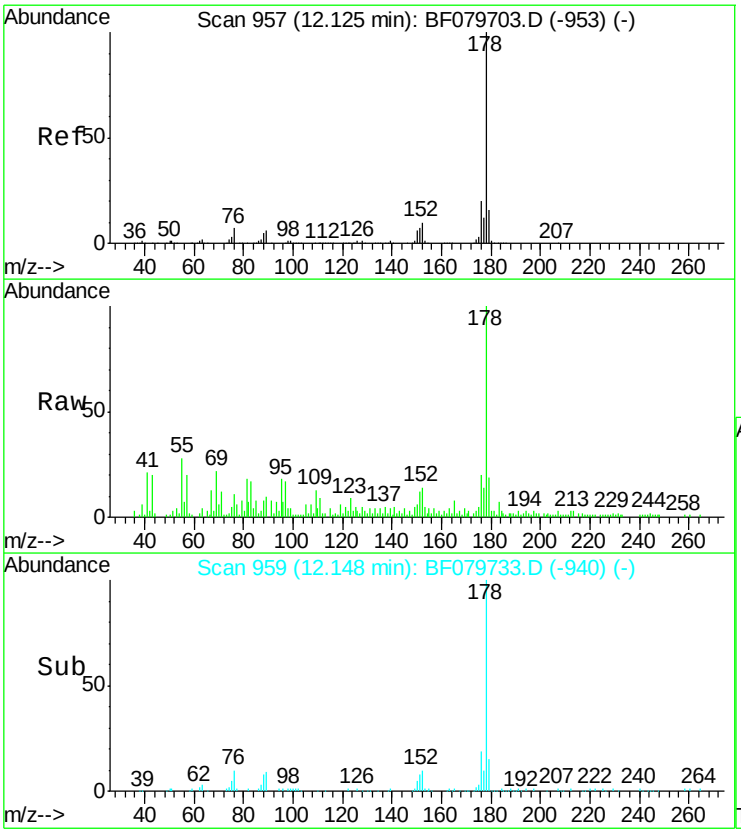
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 957
Delta R.T. 0.02 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:188 Resp: 234738

Ion	Ratio	Lower	Upper
188	100		
94	9.9	5.0	7.4#
80	11.2	5.3	7.9#

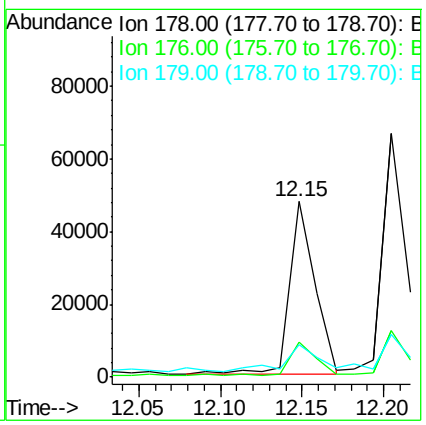


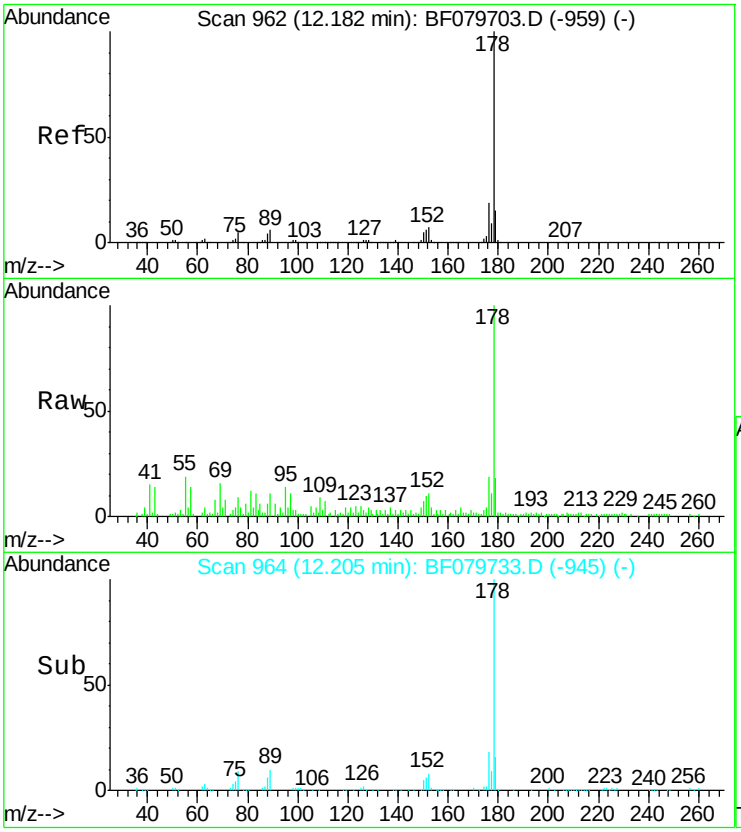


#70
Phenanthrene
Concen: 3.77 ng
RT: 12.15 min Scan# 959
Delta R.T. 0.02 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:178 Resp: 51460

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	18.6	12.6	19.0



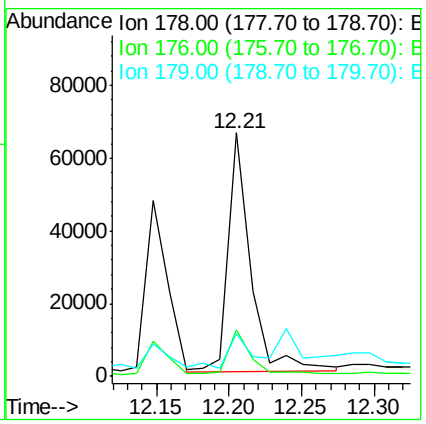


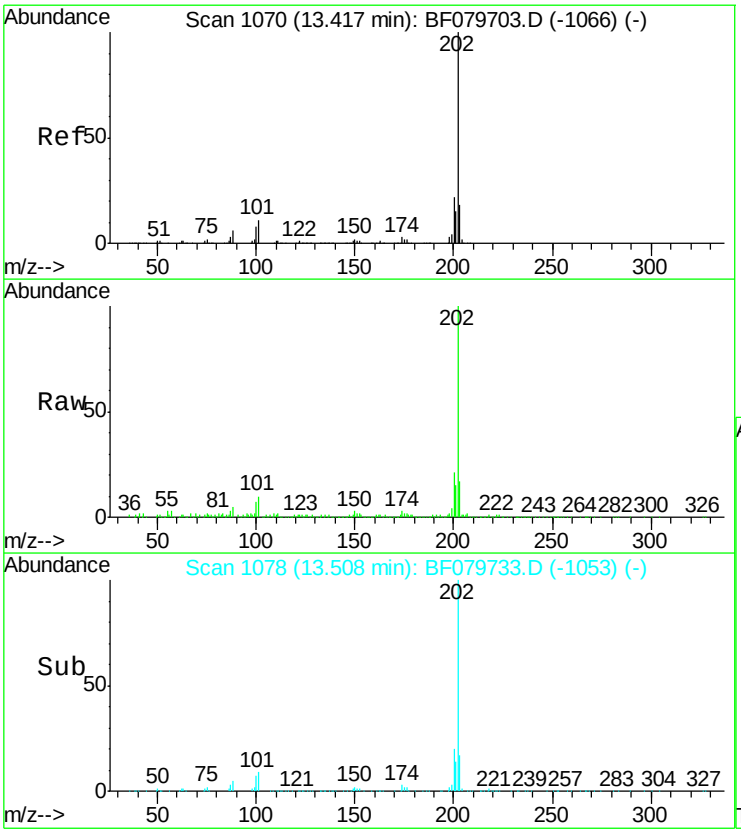
#71
Anthracene
Concen: 5.20 ng
RT: 12.21 min Scan# 964
Delta R.T. 0.02 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:178 Resp: 70322

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	17.7	12.2	18.2

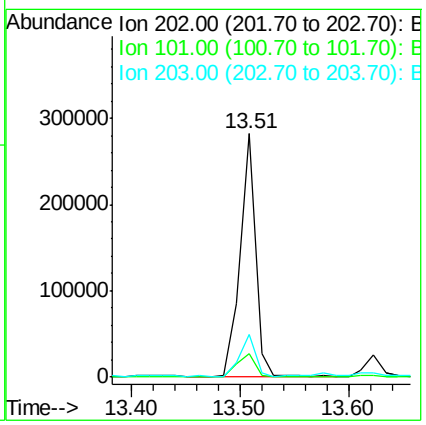


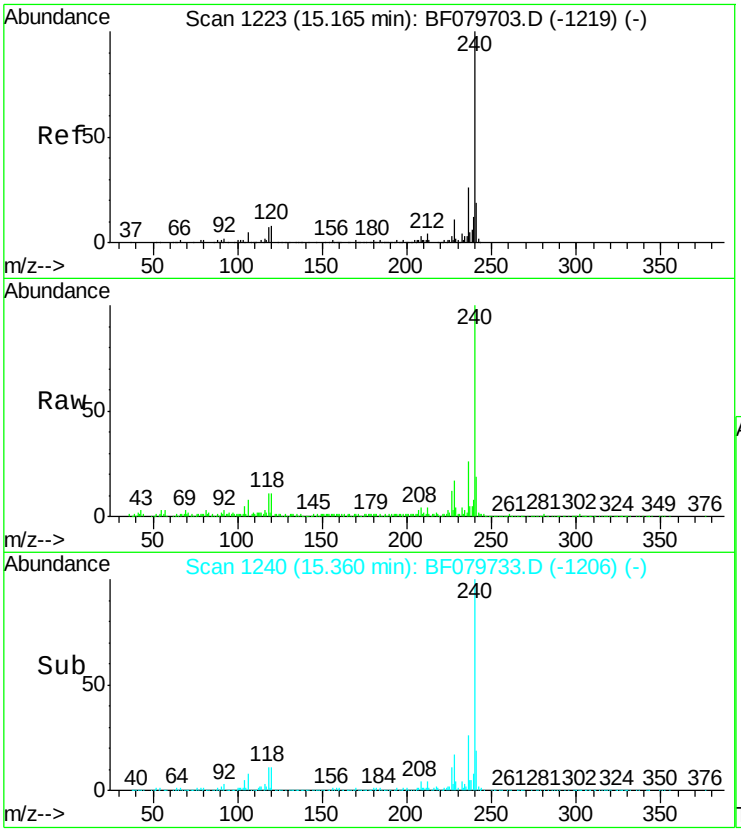


#74
Fluoranthene
Concen: 18.40 ng
RT: 13.51 min Scan# 1078
Delta R.T. 0.09 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:202 Resp: 272479

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.3
203	17.5	0.0	38.4



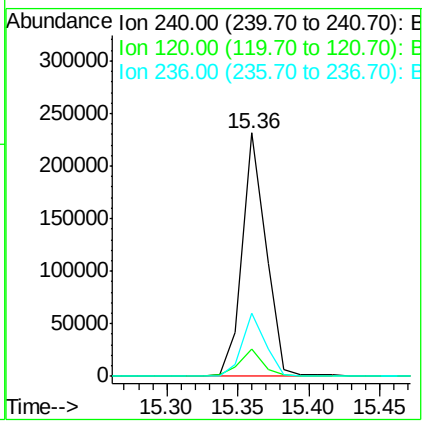


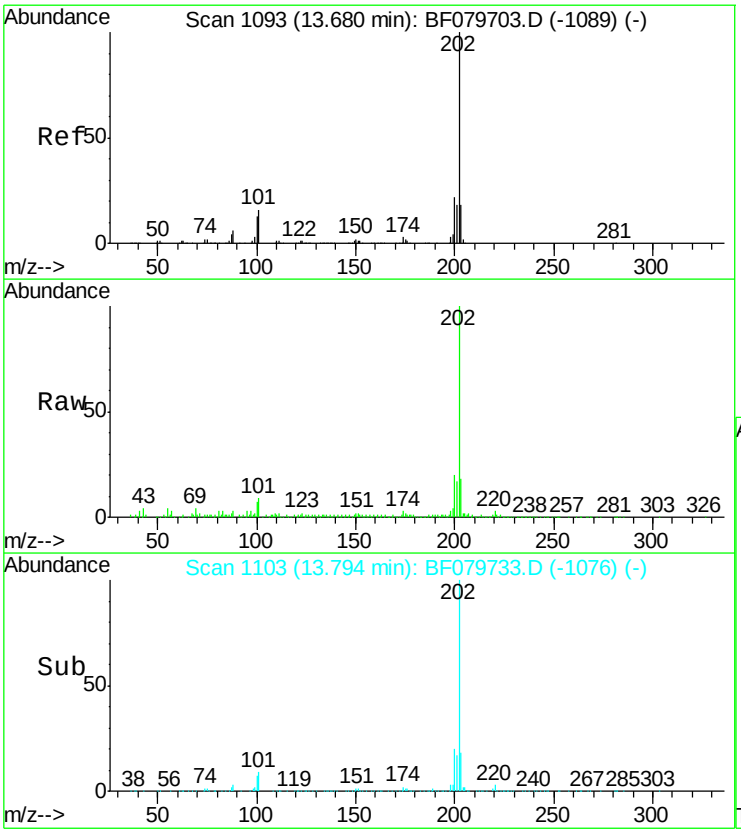
#75
Chrysene-d12
Concen: 20.00 ng m
RT: 15.36 min Scan# 1240
Delta R.T. 0.19 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:240 Resp: 269715

Ion	Ratio	Lower	Upper
240	100		
120	11.3	6.2	9.2#
236	26.1	21.0	31.4

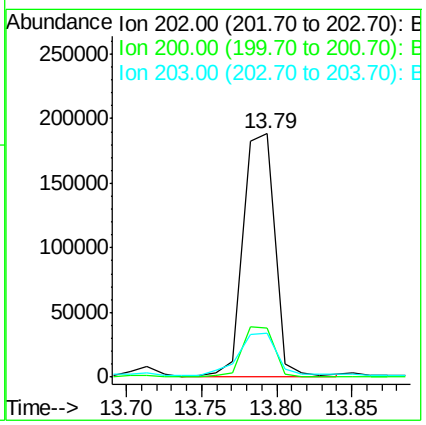


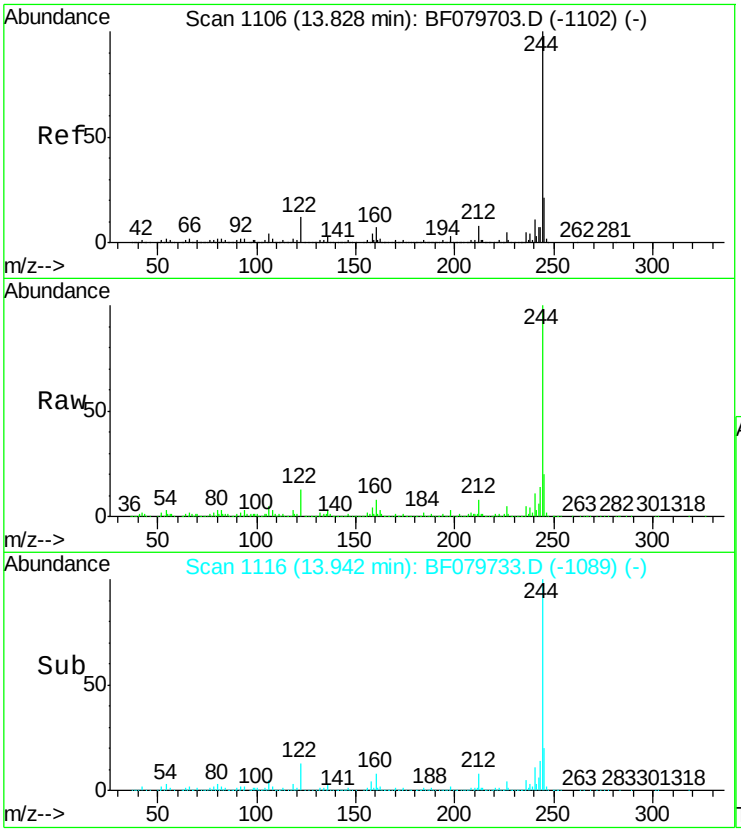


#77
Pyrene
Concen: 16.53 ng m
RT: 13.79 min Scan# 1103
Delta R.T. 0.11 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:202 Resp: 277065

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.5	26.3
203	18.3	14.8	22.2



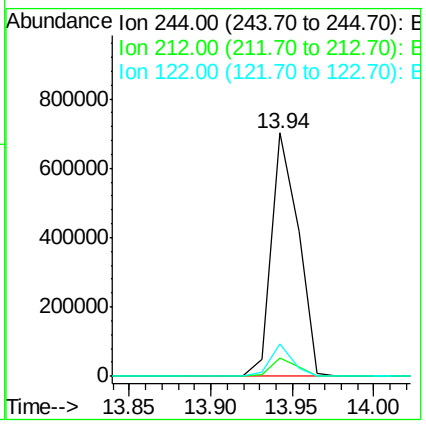


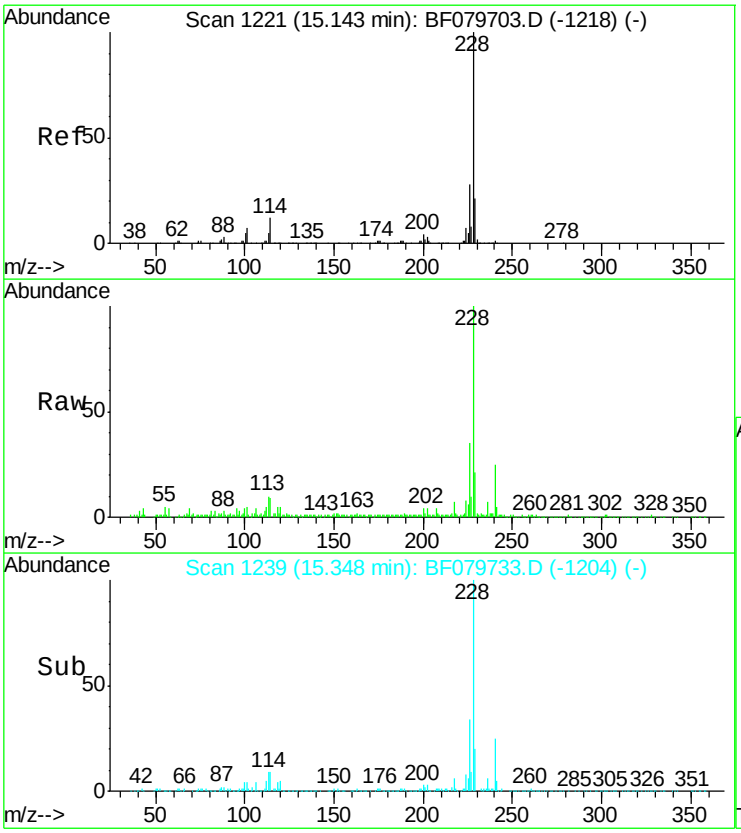
#78
Terphenyl-d14
Concen: 70.74 ng
RT: 13.94 min Scan# 1116
Delta R.T. 0.11 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:244 Resp: 809856

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.1	9.3	13.9

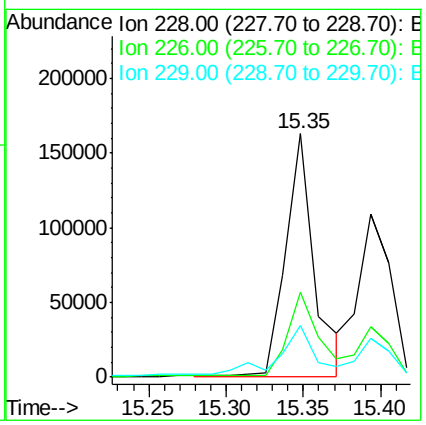


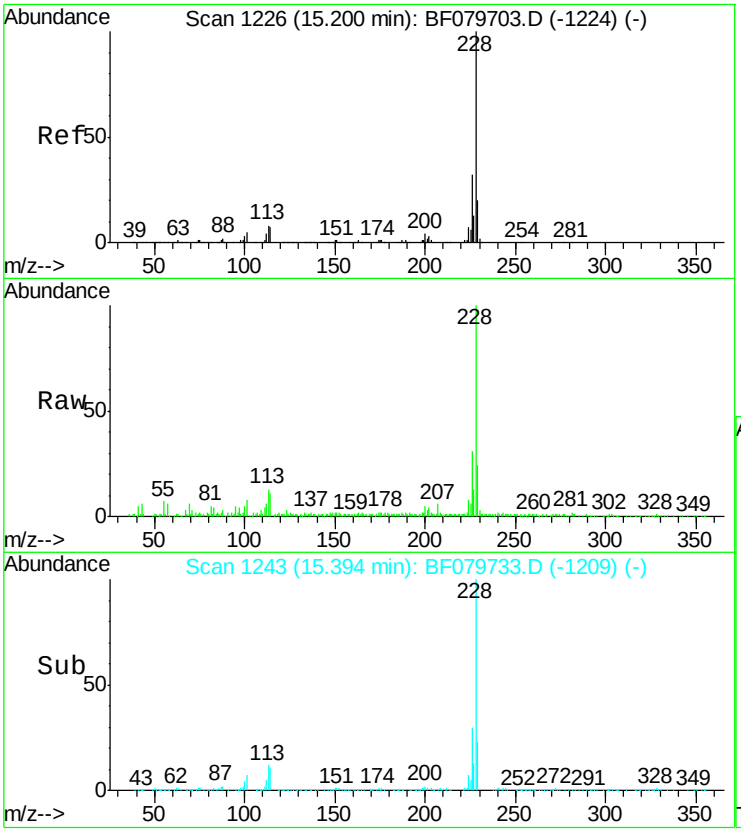


#80
Benzo(a)anthracene
Concen: 12.84 ng m
RT: 15.35 min Scan# 1239
Delta R.T. 0.21 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:228 Resp: 211683

Ion	Ratio	Lower	Upper
228	100		
226	34.8	22.2	33.4#
229	21.0	16.6	25.0



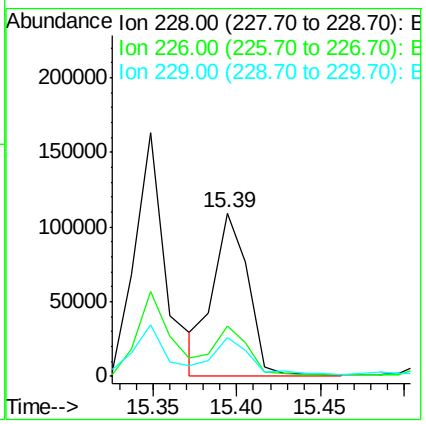


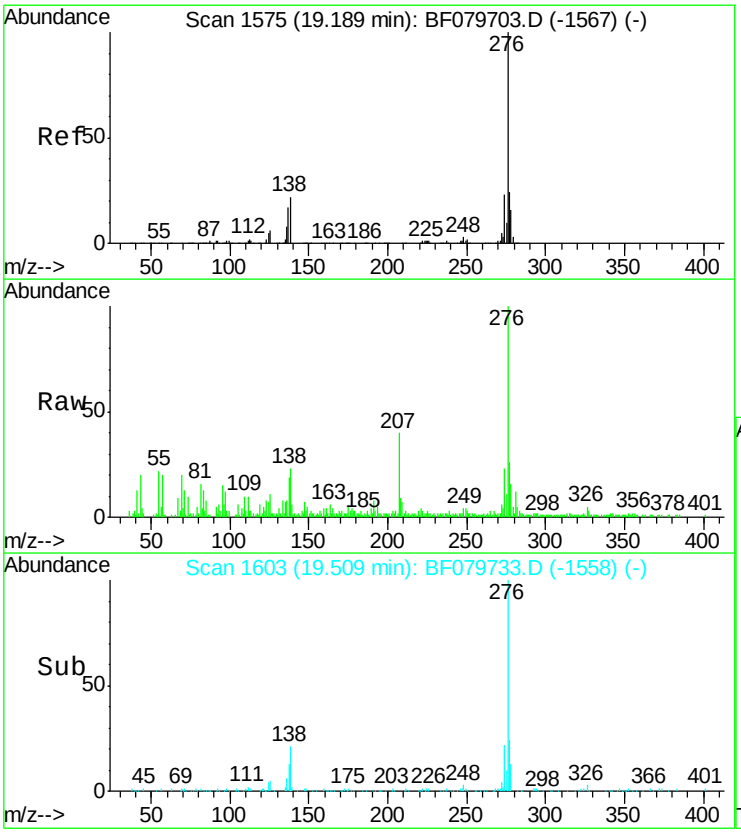
#82
Chrysene
Concen: 10.72 ng m
RT: 15.39 min Scan# 1243
Delta R.T. 0.19 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:228 Resp: 165437

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	23.9	16.2	24.4

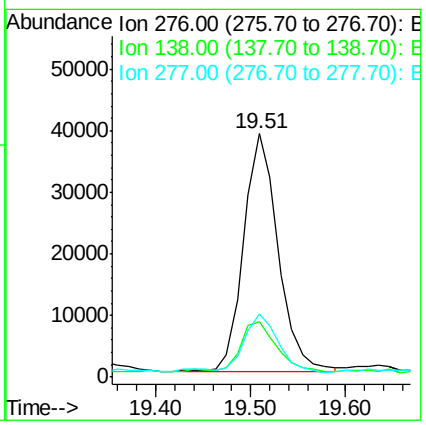


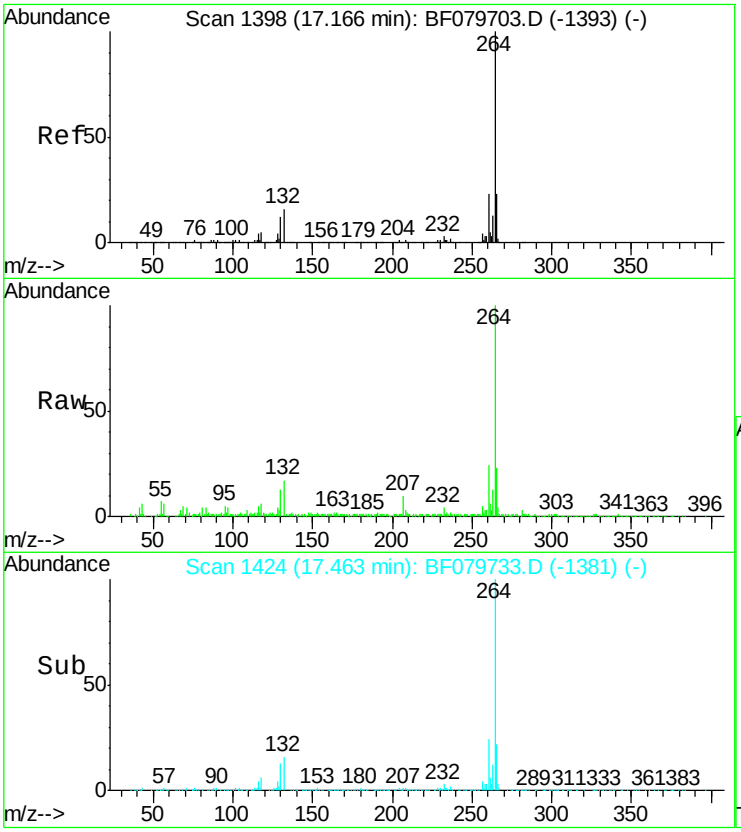


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.58 ng m
RT: 19.51 min Scan# 1603
Delta R.T. 0.32 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:276 Resp: 97201

Ion	Ratio	Lower	Upper
276	100		
138	1.5	20.8	31.2#
277	0.0	20.0	30.0#



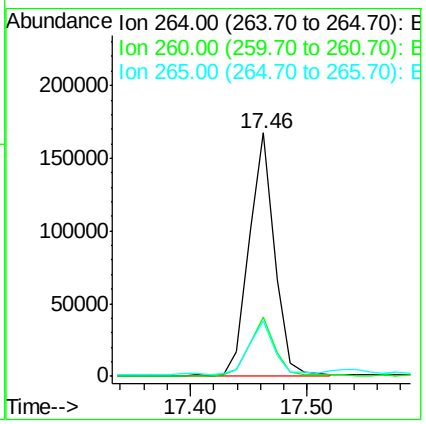


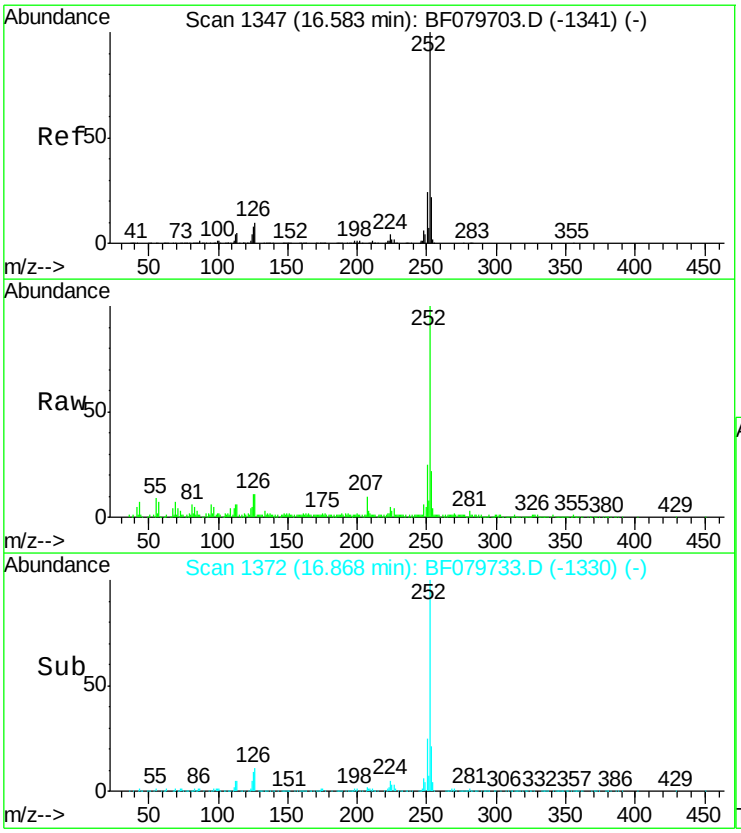
#86
Perylene-d12
Concen: 20.00 ng m
RT: 17.46 min Scan# 1424
Delta R.T. 0.30 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:264 Resp: 253162

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	23.0	18.2	27.4

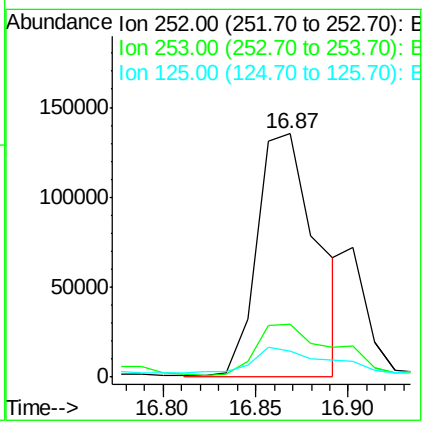


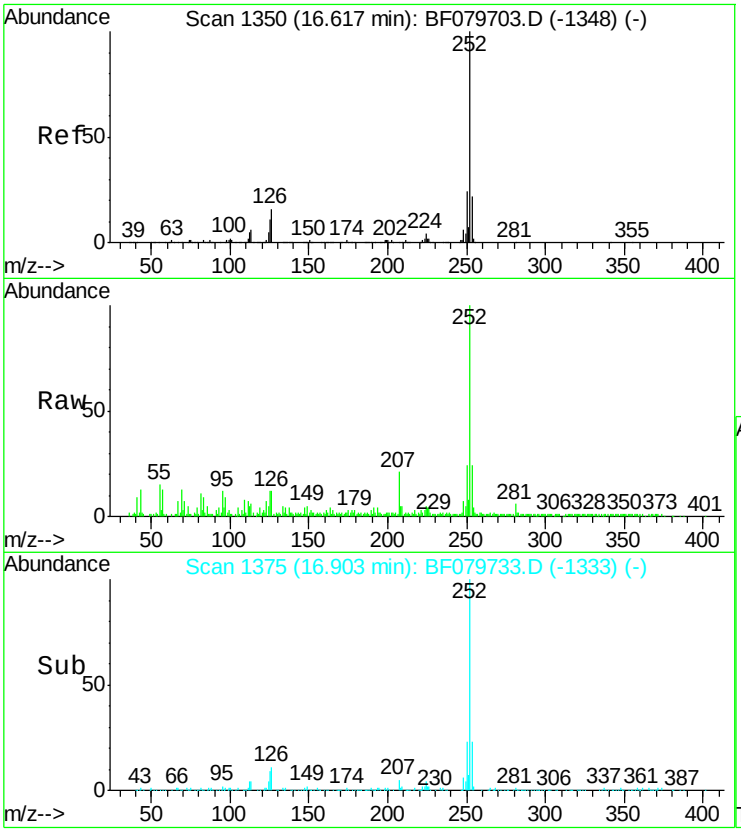


#87
Benzo(b)fluoranthene
Concen: 18.82 ng m
RT: 16.87 min Scan# 1372
Delta R.T. 0.29 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:252 Resp: 307315

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.8	6.5	9.7#



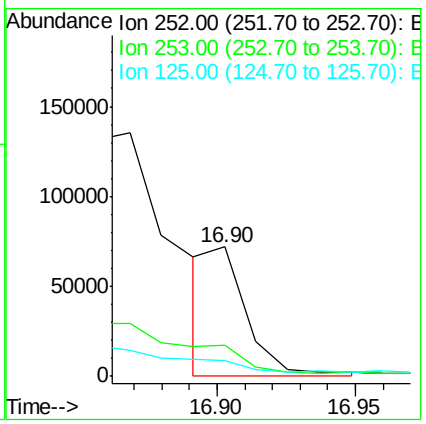


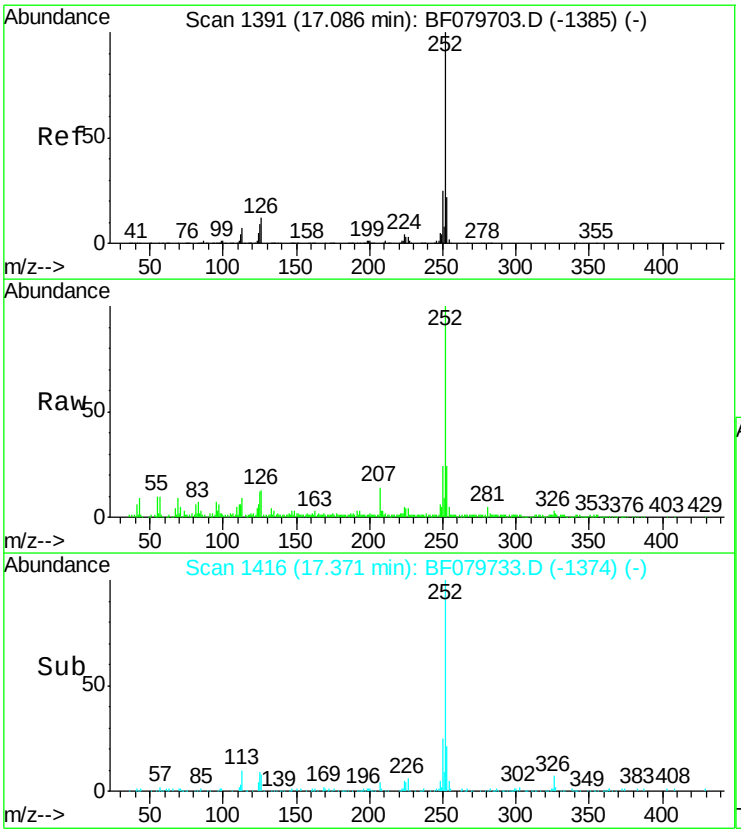
#88
Benzo(k)fluoranthene
Concen: 4.39 ng m
RT: 16.90 min Scan# 1375
Delta R.T. 0.29 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:252 Resp: 68406

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	12.0	8.4	12.6

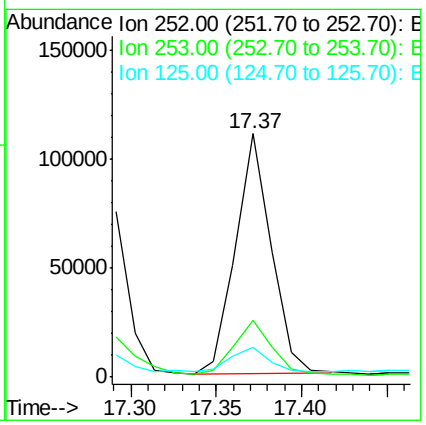


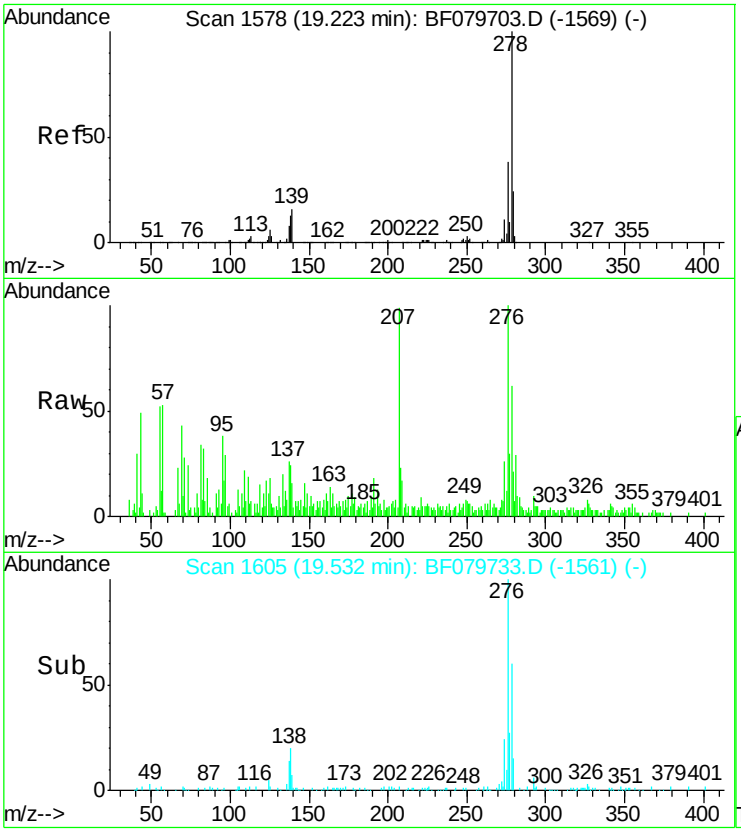


#89
Benzo(a)pyrene
Concen: 10.63 ng m
RT: 17.37 min Scan# 1416
Delta R.T. 0.29 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:252 Resp: 158650

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	12.3	7.4	11.0#



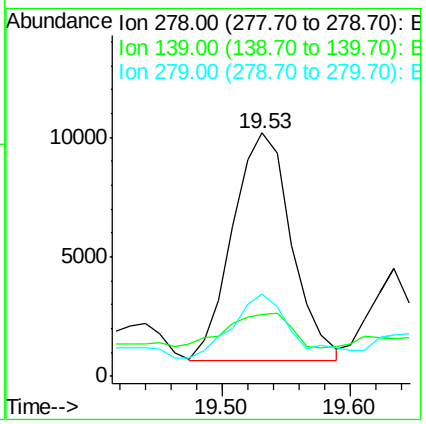


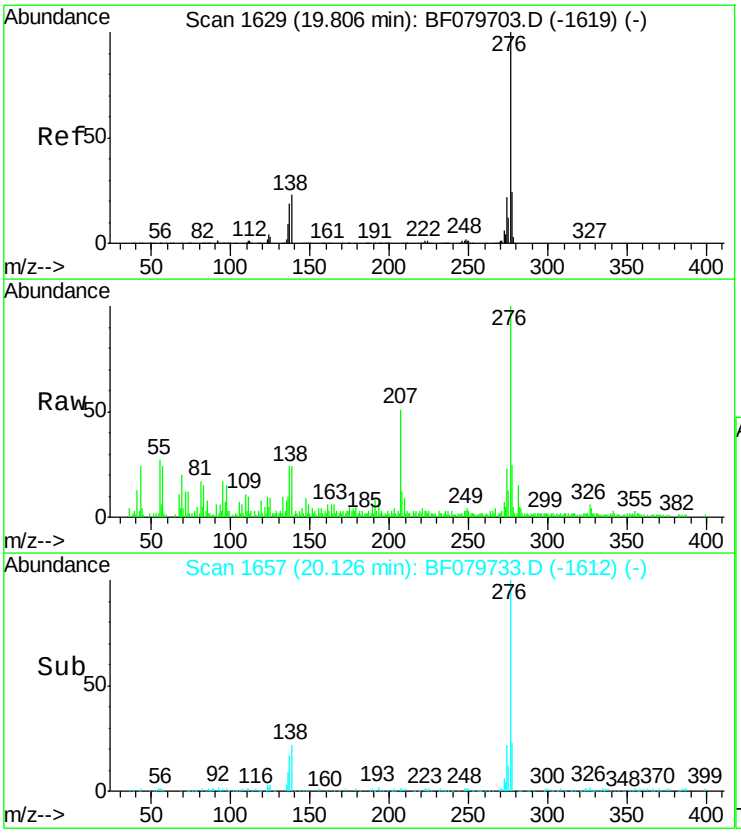
#90
Dibenzo(a,h)anthracene
Concen: 2.20 ng m
RT: 19.53 min Scan# 1605
Delta R.T. 0.31 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Instrument :
BNA_F
ClientSampleId :
SEC-3.6-SP

Tgt Ion:278 Resp: 30345

Ion	Ratio	Lower	Upper
278	100		
139	25.4	12.7	19.1#
279	33.6	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 5.78 ng m
RT: 20.13 min Scan# 1657
Delta R.T. 0.32 min
Lab File: BF079733.D
Acq: 5 Jun 2015 9:32

Tgt Ion:276 Resp: 81453

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	24.2	18.2	27.2