Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
Data File : BF078288.D
Acq On : 7 Apr 2015 7:30
Operator : TP/IZ
Sample : G1779-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(3-5)

Quant Time: Apr 07 12:55:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:11:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	39084	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	157373	20.00	ng		0.00
38) Acenaphthene-d10	10.72	164	80067	20.00	ng		0.00
63) Phenanthrene-d10	12.55	188	153178	20.00	ng		0.00
75) Chrysene-d12	15.81	240	169866	20.00	ng		0.00
86) Perylene-d12	17.51	264	164927	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	212709	89.73	ng		0.01
7) Phenol-d6	6.58	99	271788	91.49	ng		0.00
23) Nitrobenzene-d5	7.68	82	162831	62.72	ng		0.00
41) 2,4,6-Tribromophenol	11.70	330	65281	98.31	ng		0.00
44) 2-Fluorobiphenyl	9.90	172	291358	52.02	ng		0.00
78) Terphenyl-d14	14.55	244	334695	44.52	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	12.58	178	34592	3.90	ng		100
74) Fluoranthene	14.04	202	67783	7.25	ng		95
77) Pyrene	14.32	202	56927	5.34	ng	#	95
80) Benzo(a)anthracene	15.80	228	37810	3.74	ng		96
82) Chrysene	15.85	228	31347	3.30	ng		97
83) Bis(2-ethylhexyl)phthalate	15.88	149	58639	9.20	ng	#	95
87) Benzo(b)fluoranthene	17.07	252	43665m	4.28	ng		
89) Benzo(a)pyrene	17.45	252	28616	3.22	ng		95
91) Benzo(g,h,i)perylene	19.16	276	18347	2.05	ng		99

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

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SB-6(3-5)

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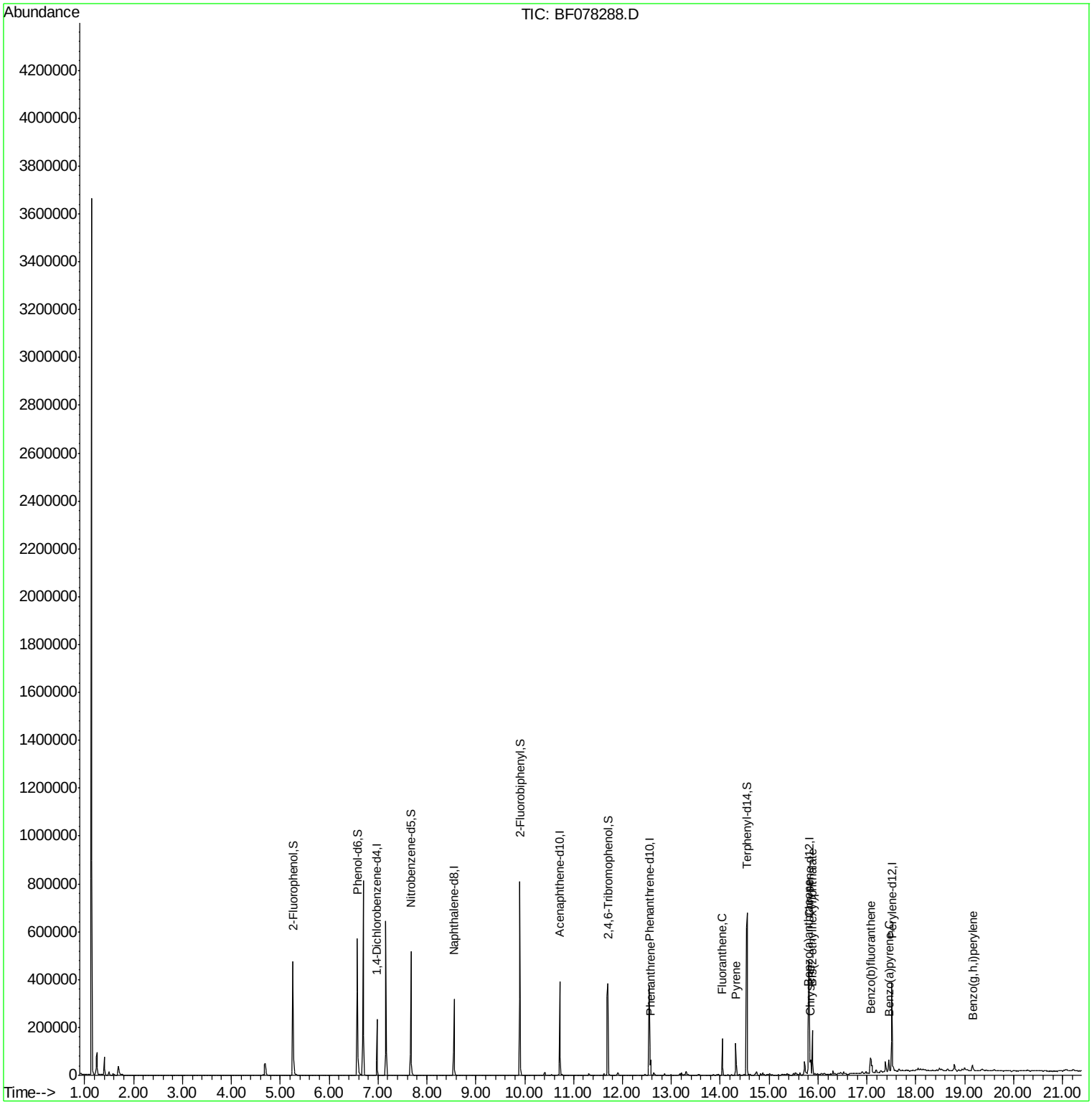
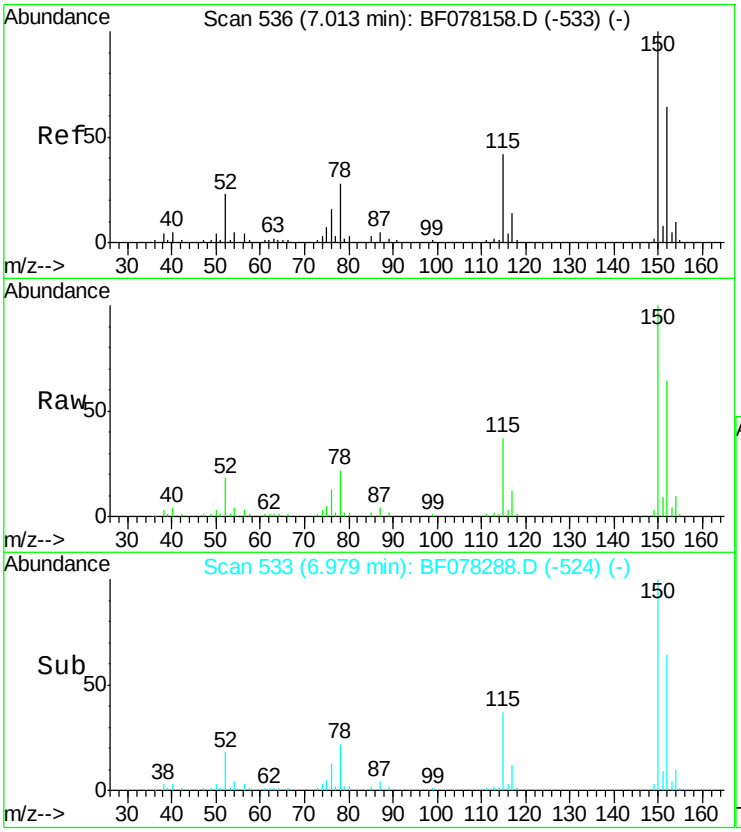


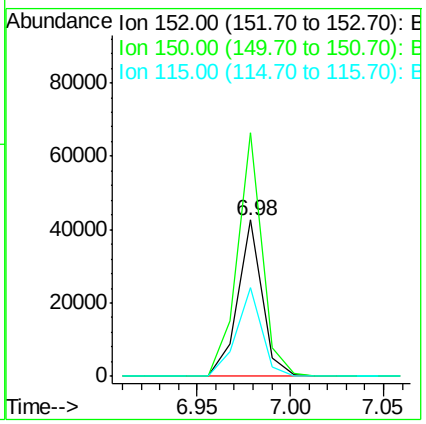


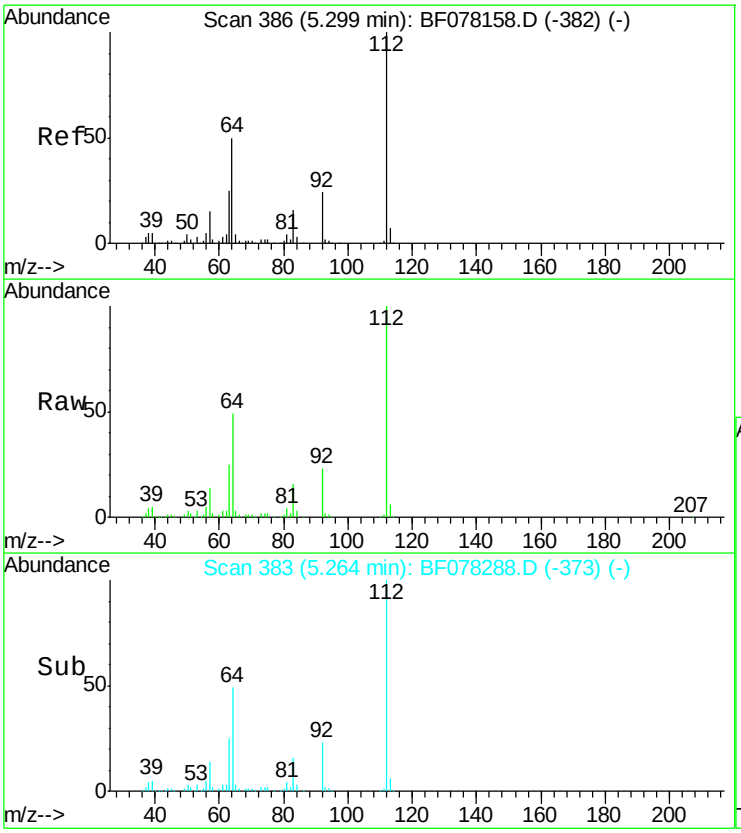
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion:152 Resp: 39084

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.9	188.9
115	56.9	52.7	79.1

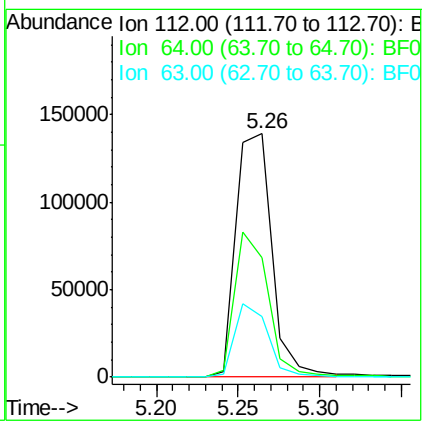


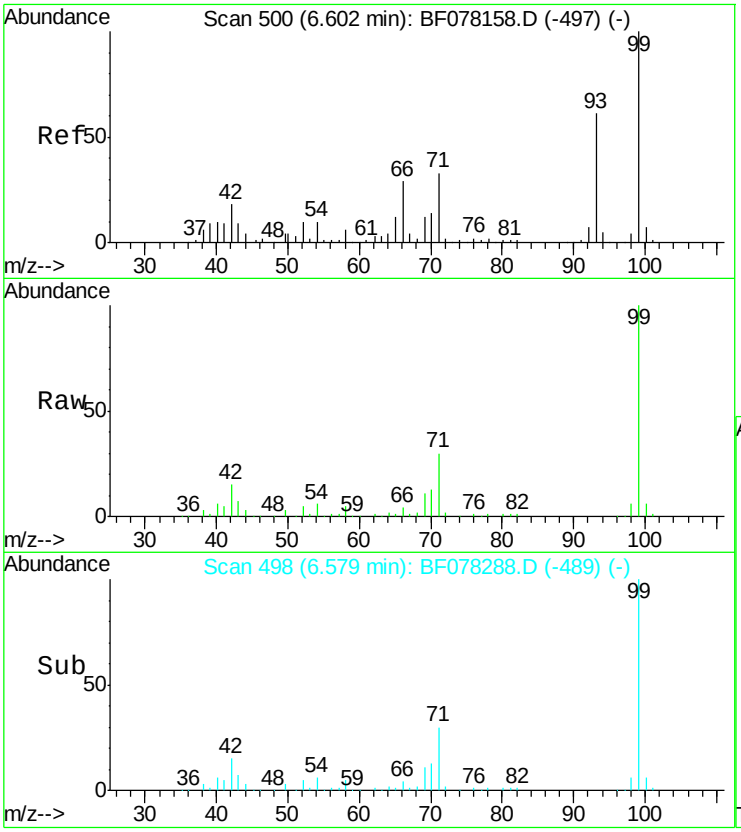


#5
2-Fluorophenol
Concen: 89.73 ng
RT: 5.26 min Scan# 383
Delta R.T. 0.01 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:112 Resp: 212709

Ion	Ratio	Lower	Upper
112	100		
64	48.9	39.9	59.9
63	24.9	20.2	30.4



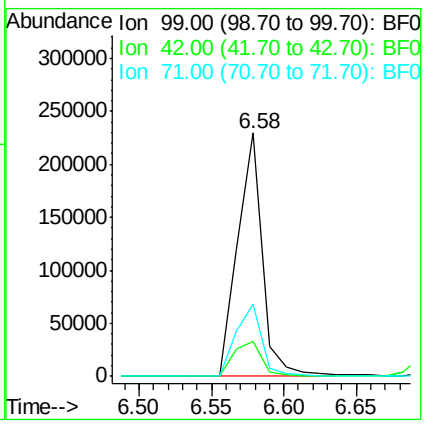


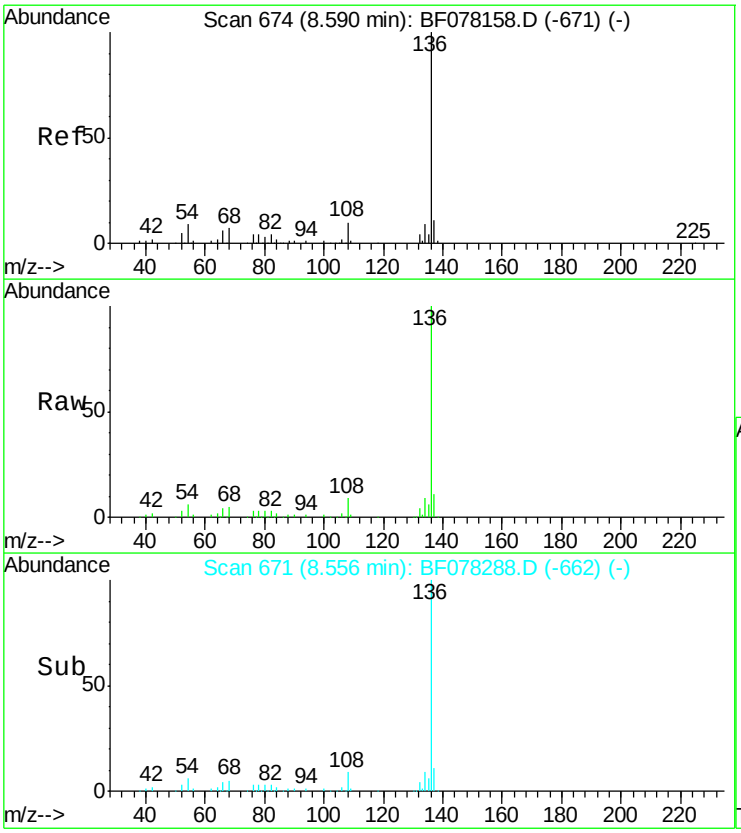
#7
Phenol-d6
Concen: 91.49 ng
RT: 6.58 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion: 99 Resp: 271788

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.8	22.2#
71	29.6	26.6	39.8

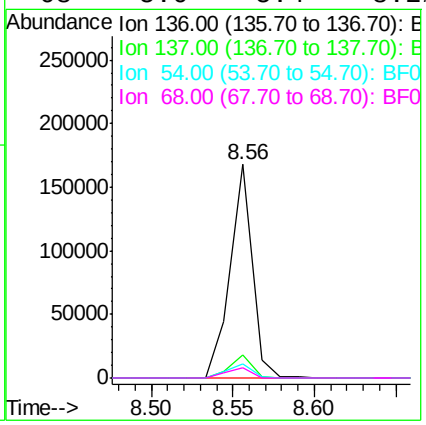


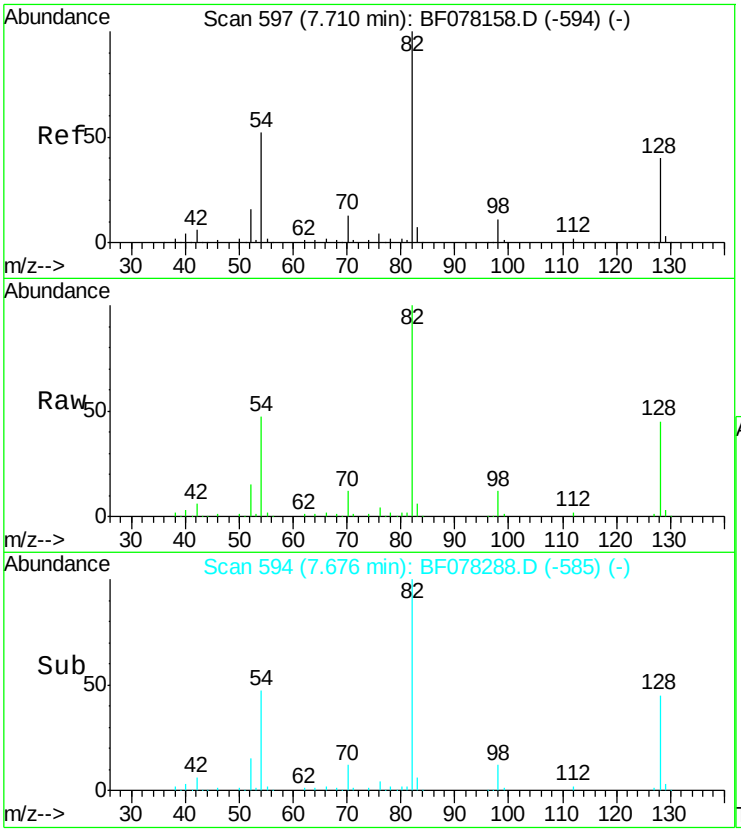


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:136 Resp: 157373

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.4	7.0	10.6#
68	5.0	5.4	8.2#



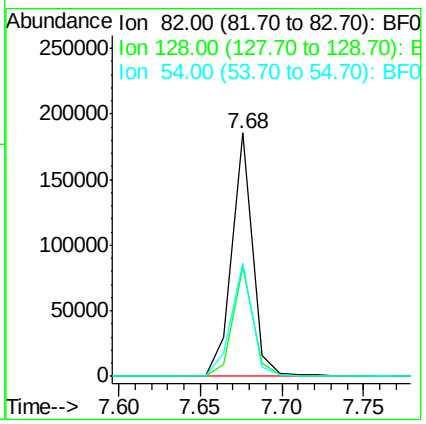


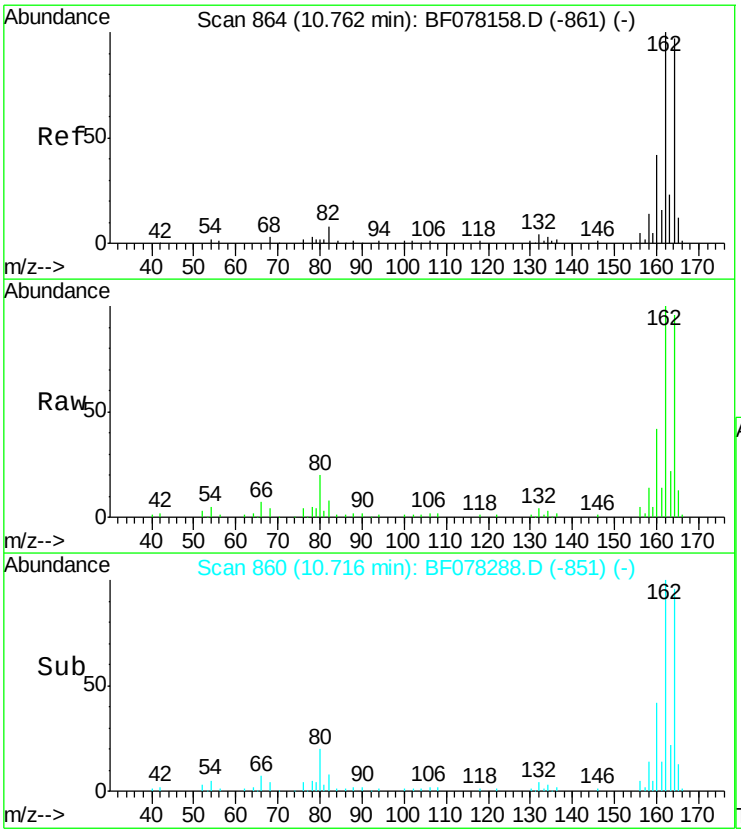
#23
Nitrobenzene-d5
Concen: 62.72 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion: 82 Resp: 162831

Ion	Ratio	Lower	Upper
82	100		
128	45.0	31.8	47.8
54	46.7	41.5	62.3

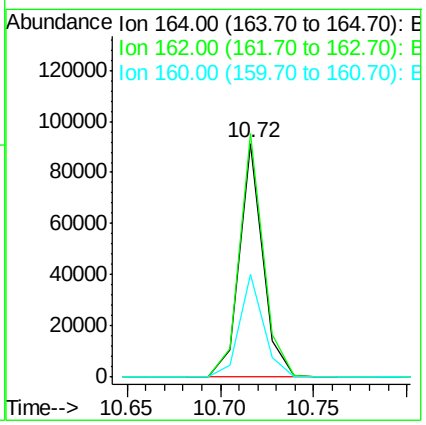


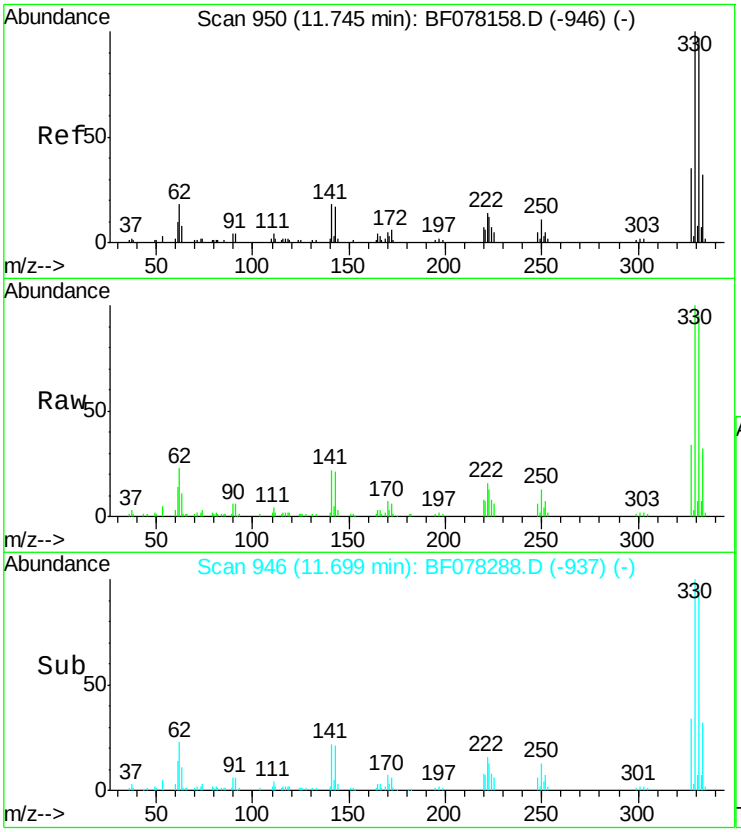


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.72 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:164 Resp: 80067

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.2
160	44.2	34.7	52.1



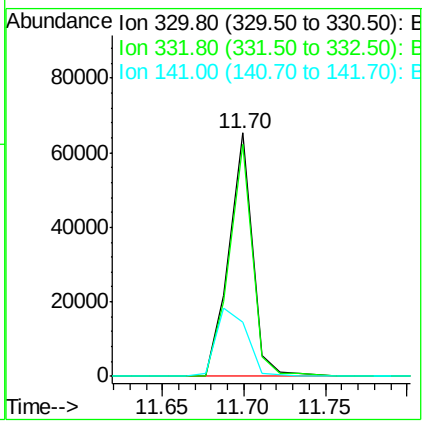


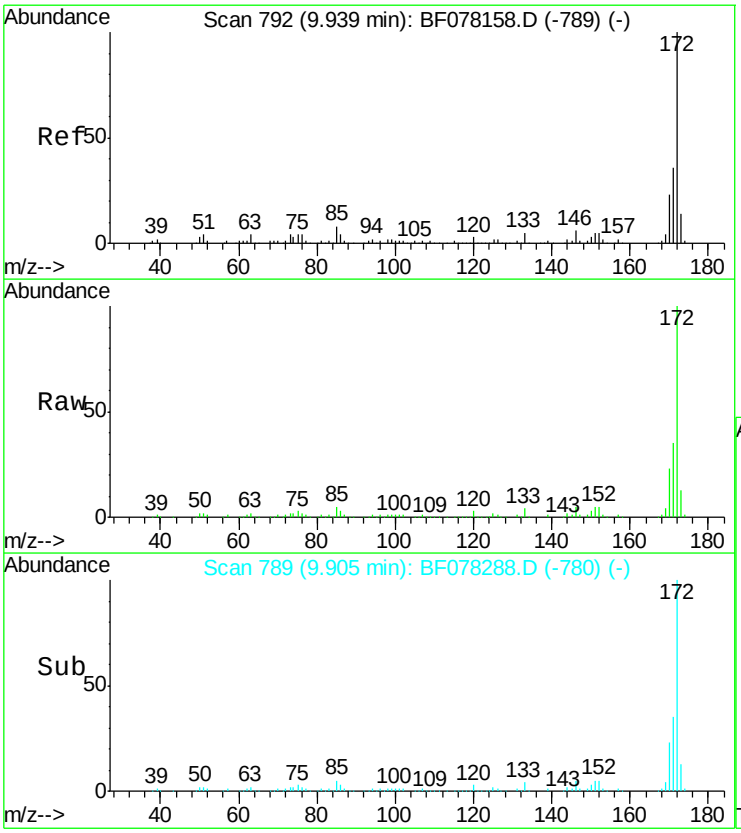
#41
2,4,6-Tribromophenol
Concen: 98.31 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion:330 Resp: 65281

Ion	Ratio	Lower	Upper
330	100		
332	94.3	78.6	117.8
141	36.6	31.2	46.8

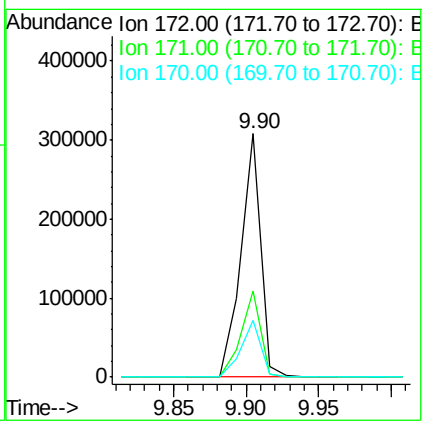


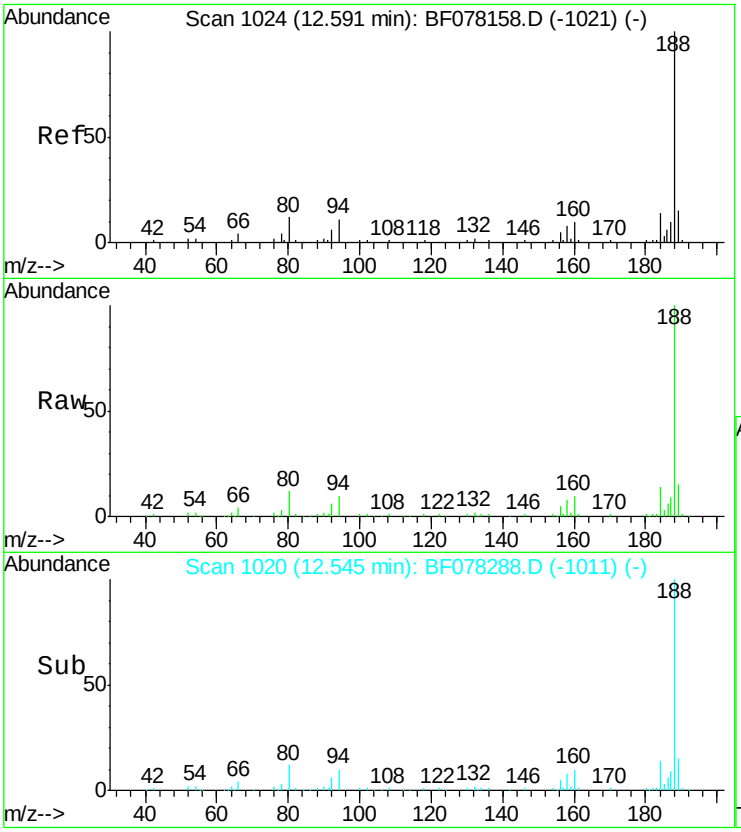


#44
2-Fluorobiphenyl
Concen: 52.02 ng
RT: 9.90 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:172 Resp: 291358

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.2	18.5	27.7



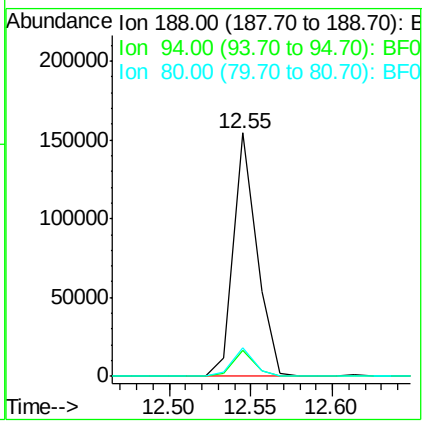


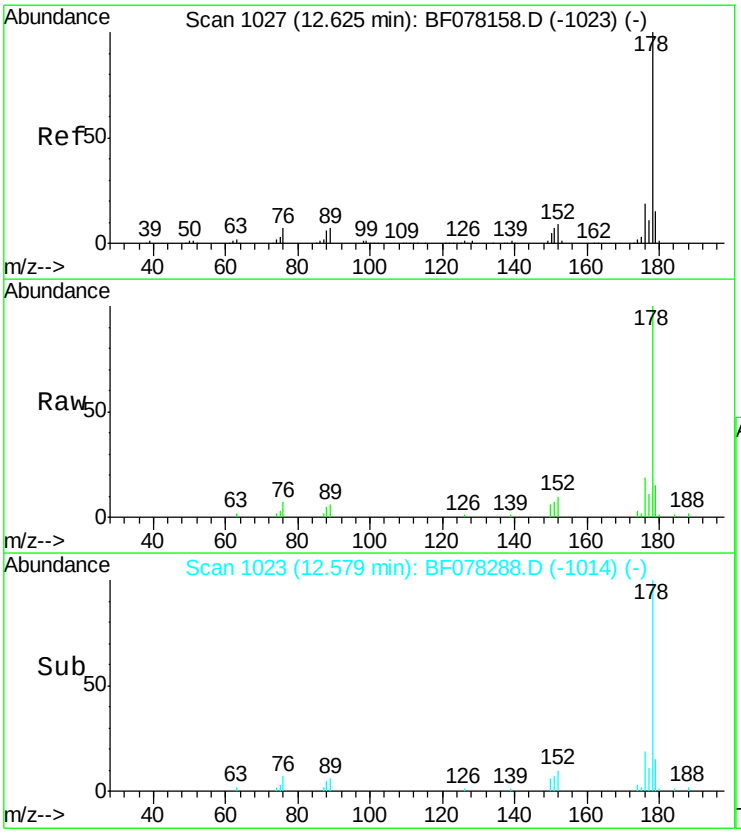
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion:188 Resp: 153178

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.4
80	11.7	9.5	14.3

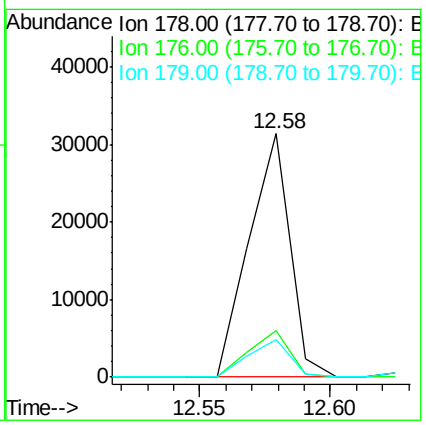


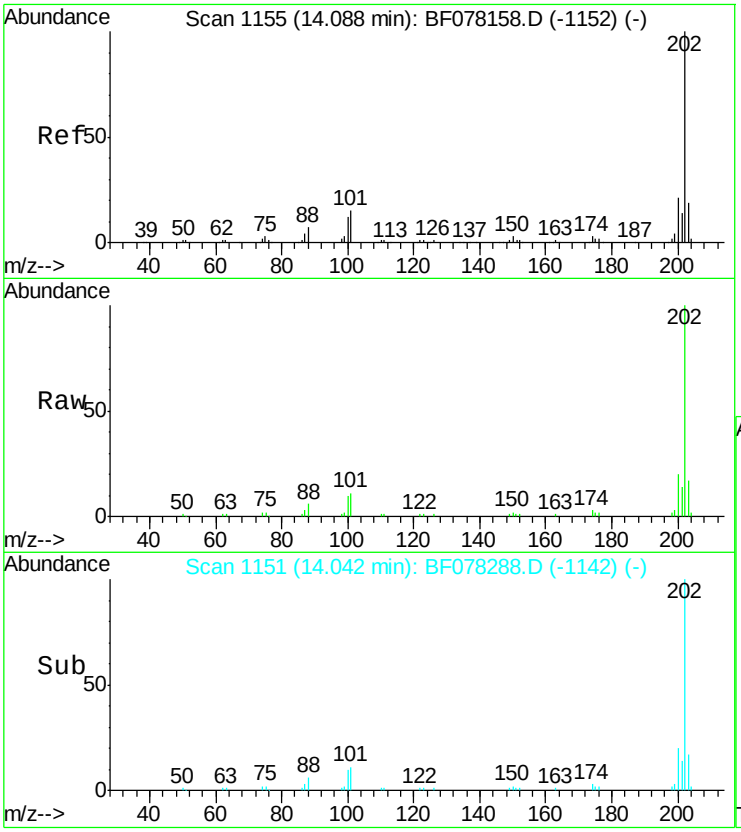


#70
Phenanthrene
Concen: 3.90 ng
RT: 12.58 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:178 Resp: 34592

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.4	12.2	18.2



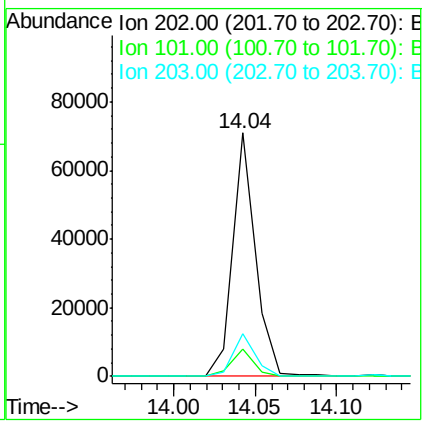


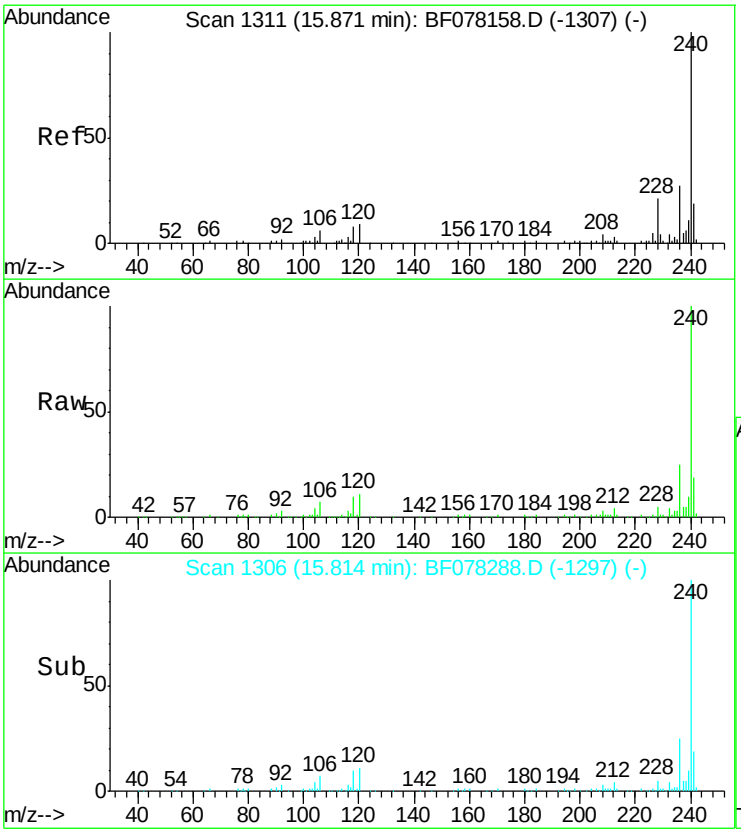
#74
Fluoranthene
Concen: 7.25 ng
RT: 14.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion:202 Resp: 67783

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	35.2
203	17.5	0.0	38.5

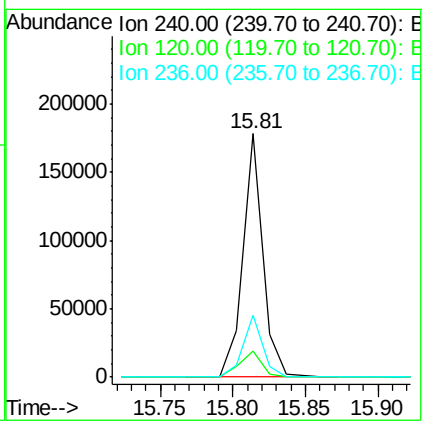


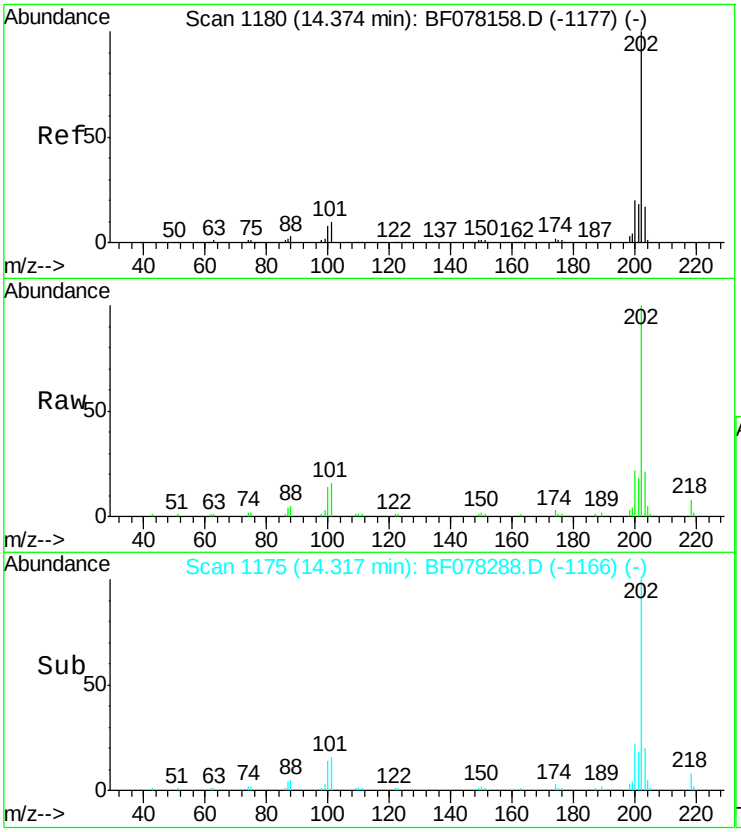


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:240 Resp: 169866

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.1	10.7
236	25.3	21.4	32.2



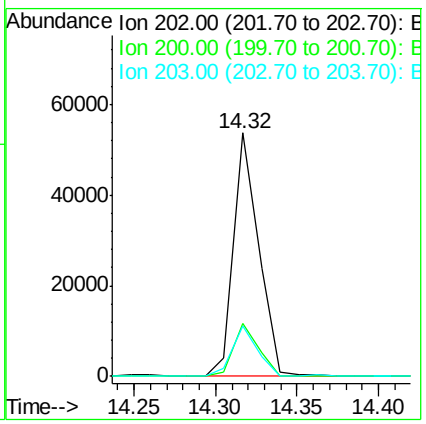


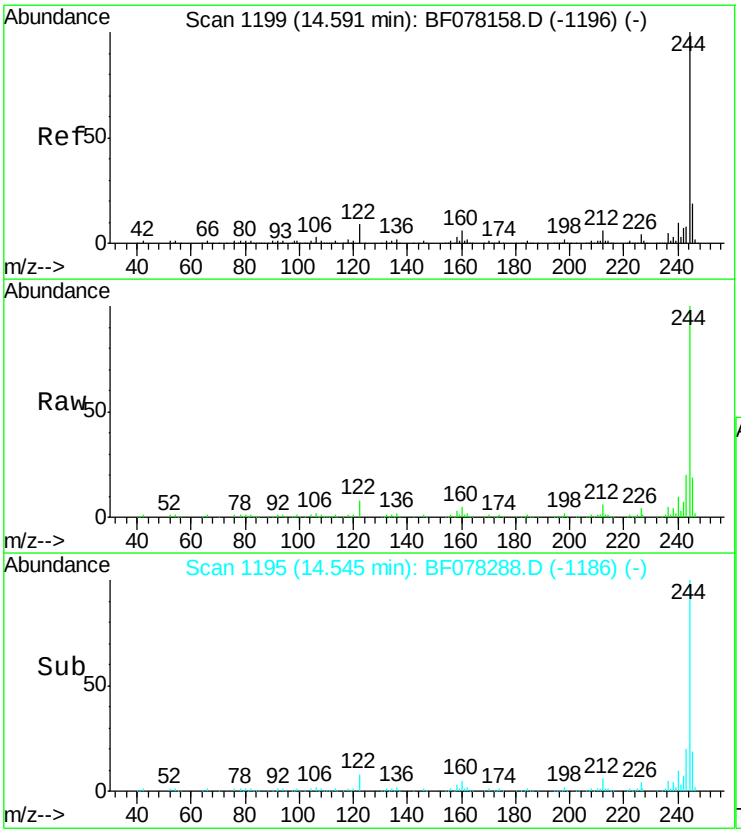
#77
Pyrene
Concen: 5.34 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion:202 Resp: 56927

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.3	24.5
203	20.9	13.8	20.6#

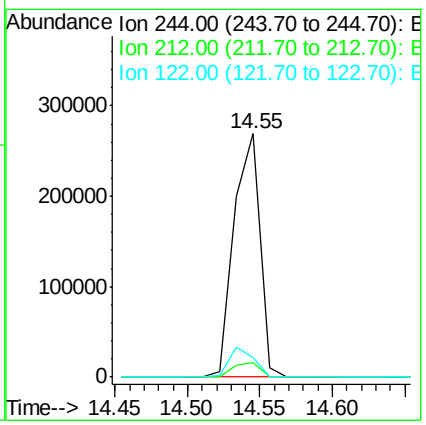


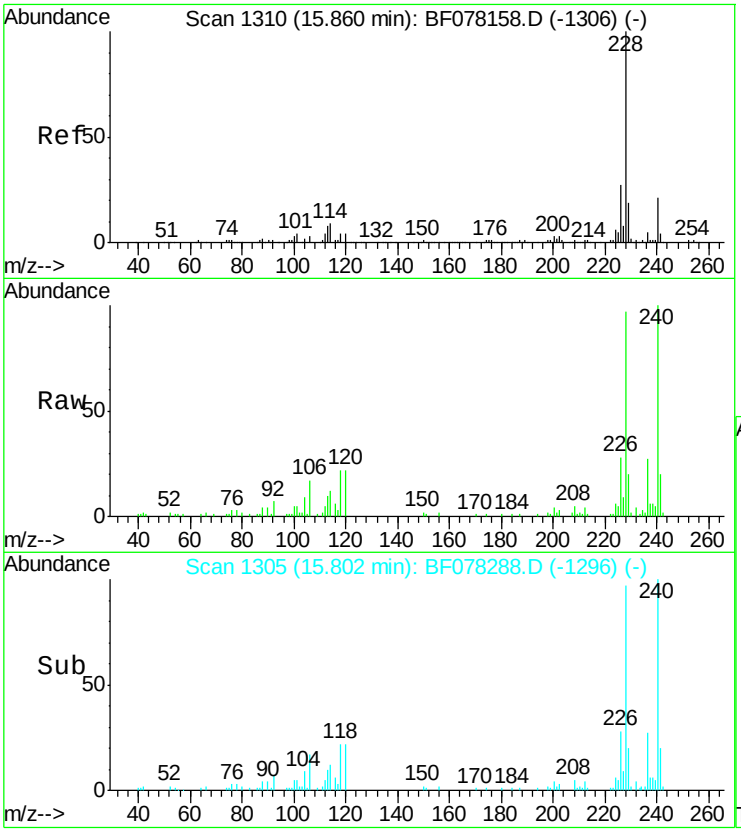


#78
Terphenyl-d14
Concen: 44.52 ng
RT: 14.55 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:244 Resp: 334695

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	7.8	7.1	10.7



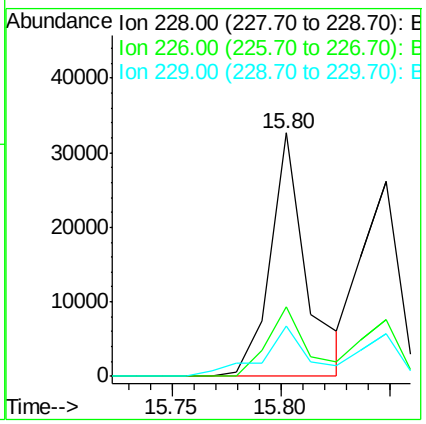


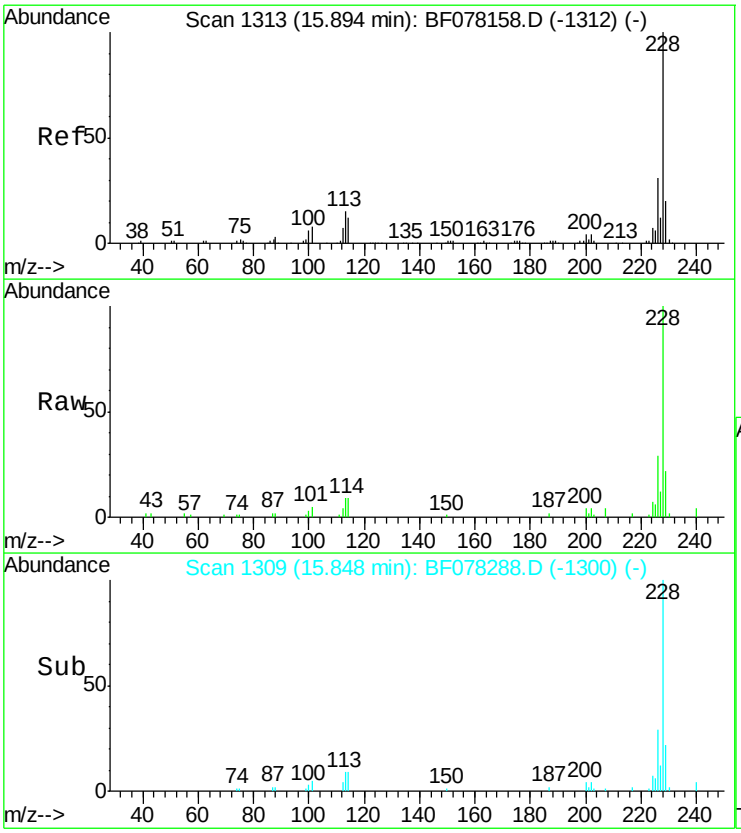
#80
Benzo(a)anthracene
Concen: 3.74 ng
RT: 15.80 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion:228 Resp: 37810

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.3	31.9
229	20.8	15.4	23.2

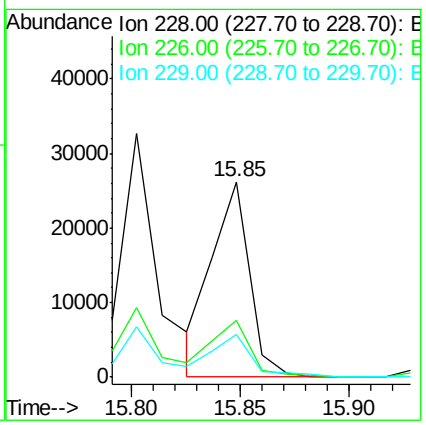


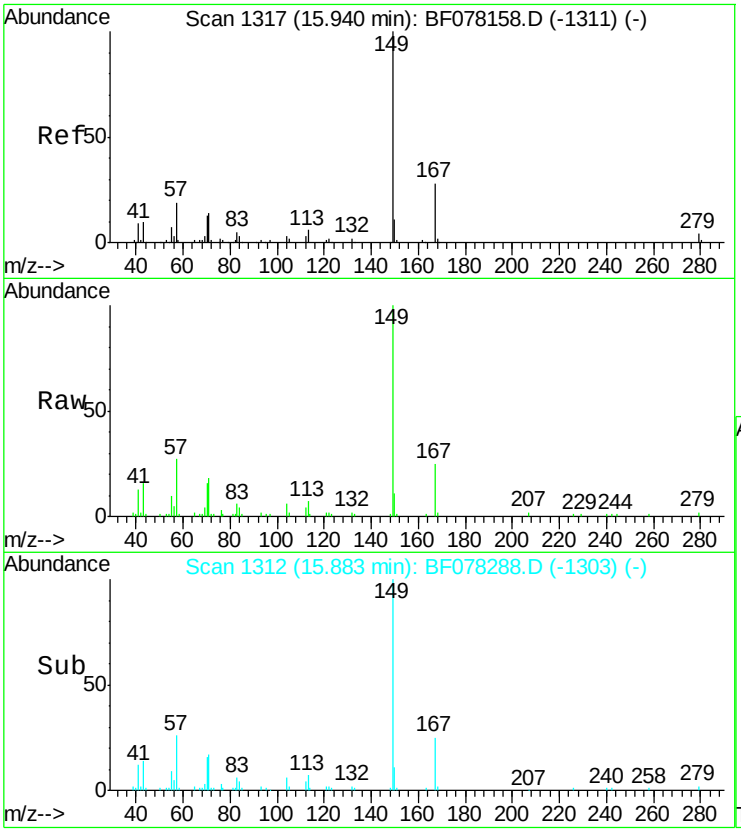


#82
Chrysene
Concen: 3.30 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:228 Resp: 31347

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.2	36.4
229	21.8	15.8	23.8



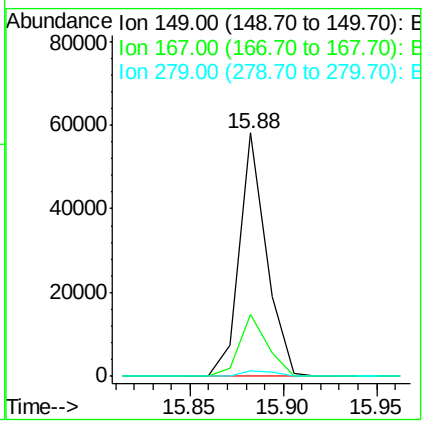


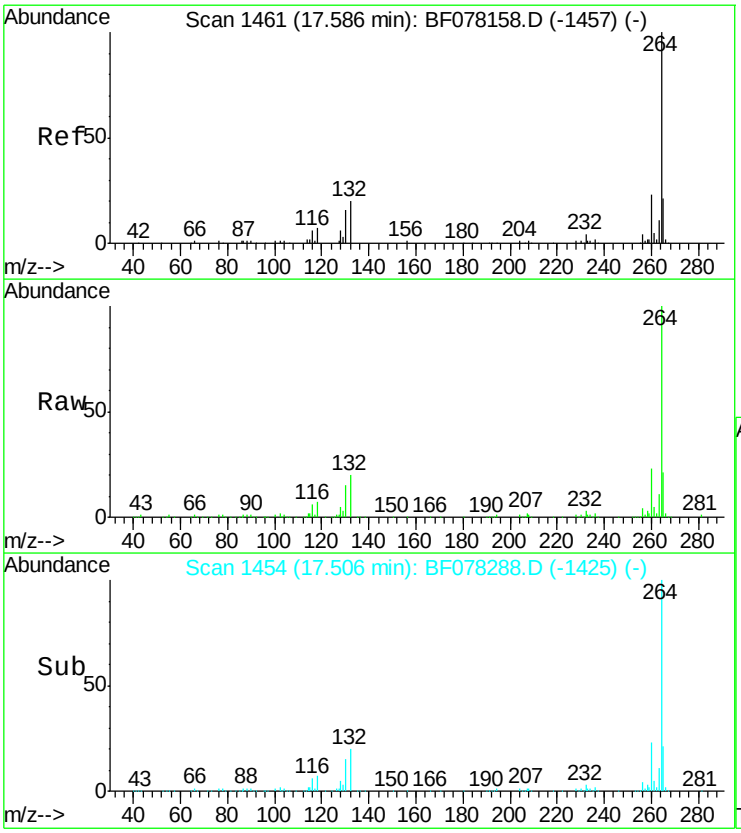
#83
Bis(2-ethylhexyl)phthalate
Concen: 9.20 ng
RT: 15.88 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion:149 Resp: 58639

Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.2	33.2
279	2.4	3.2	4.8#

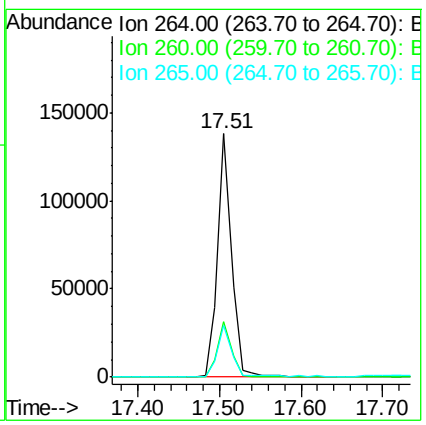


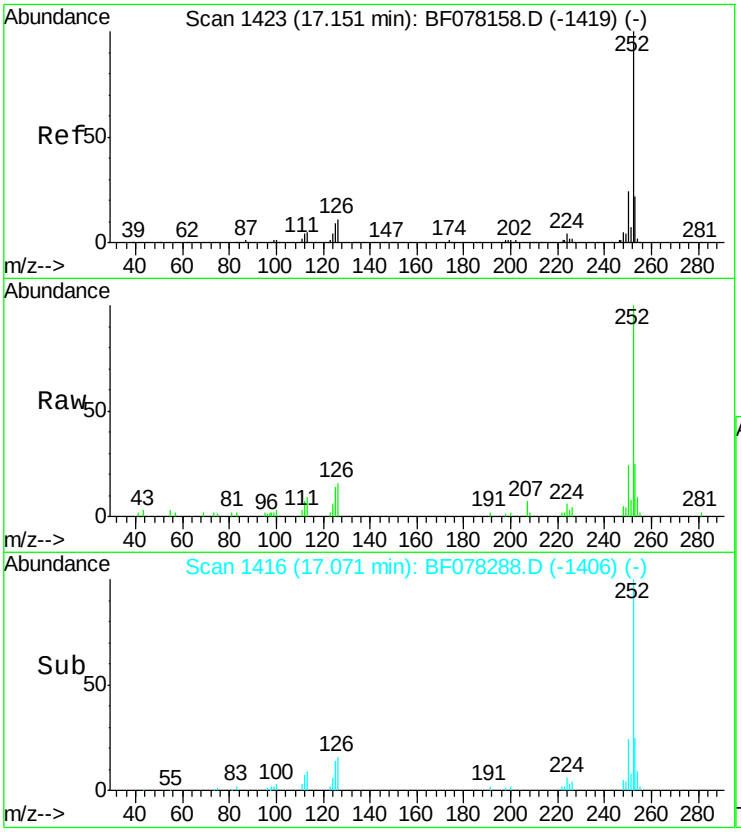


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.03 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:264 Resp: 164927

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.2	17.0	25.6



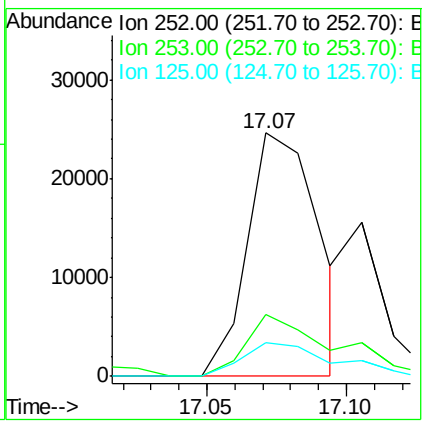


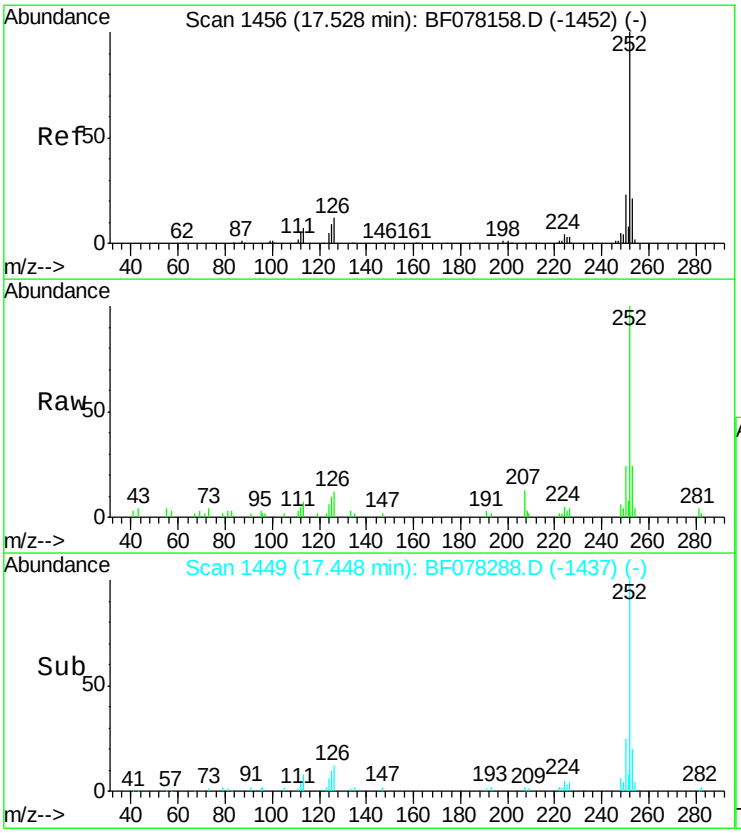
#87
Benzo(b)fluoranthene
Concen: 4.28 ng m
RT: 17.07 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion:252 Resp: 43665

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	13.9	7.0	10.4#

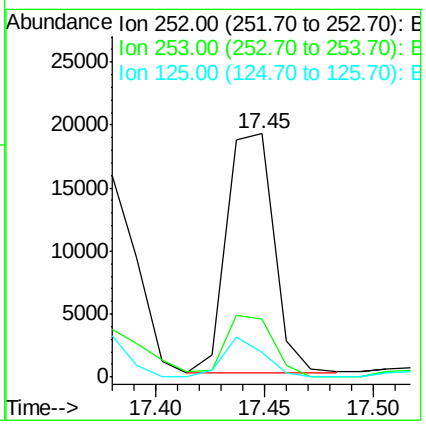


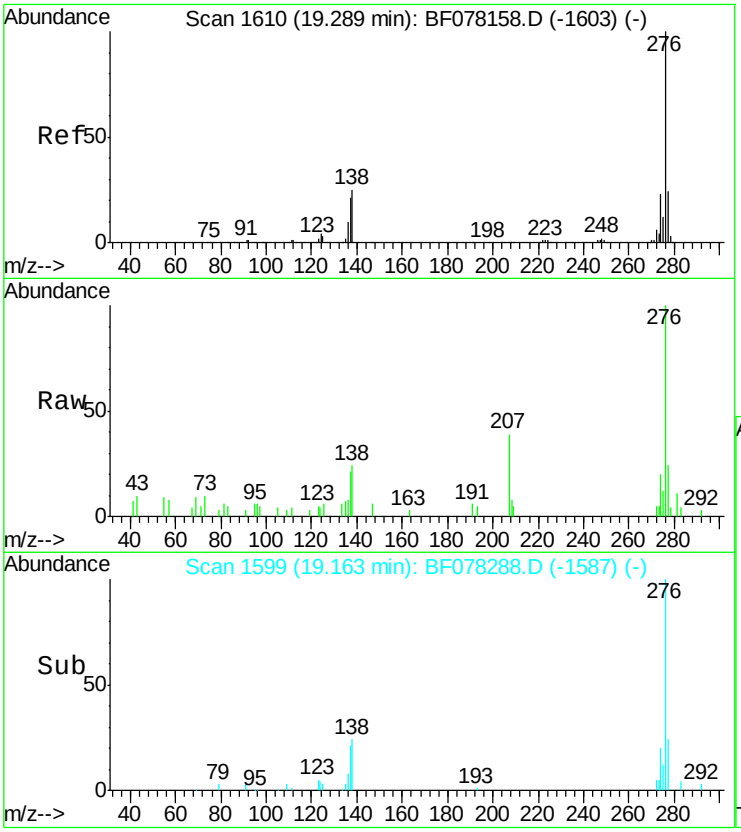


#89
Benzo(a)pyrene
Concen: 3.22 ng
RT: 17.45 min Scan# 1449
Delta R.T. 0.03 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:252 Resp: 28616

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.8	25.2
125	10.0	7.4	11.0





#91
Benzo(g,h,i)perylene
Concen: 2.05 ng
RT: 19.16 min Scan# 1599
Delta R.T. 0.03 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion:276 Resp: 18347

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	24.3	19.9	29.9