Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079158.D
Acq On : 12 May 2015 15:27
Operator : TP/IZ
Sample : G2155-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44AS

Quant Time: May 13 11:40:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	65275	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	283848	20.00	ng		0.00
38) Acenaphthene-d10	11.03	164	137345	20.00	ng		-0.01
63) Phenanthrene-d10	12.88	188	267492	20.00	ng		0.00
75) Chrysene-d12	16.22	240	273774	20.00	ng		0.02
86) Perylene-d12	18.10	264	300498	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	386164	101.84	ng		0.01
7) Phenol-d6	6.84	99	486922	97.14	ng		0.00
23) Nitrobenzene-d5	7.98	82	294448	59.62	ng		0.00
41) 2,4,6-Tribromophenol	12.01	330	145772	98.11	ng		0.00
44) 2-Fluorobiphenyl	10.20	172	594324	60.29	ng		0.00
78) Terphenyl-d14	14.88	244	673881	58.93	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	8.51	122	6273	8.46	ng		94
49) Dimethylphthalate	10.71	163	35663	3.54	ng		100
70) Phenanthrene	12.90	178	273471	18.27	ng		100
71) Anthracene	12.97	178	66835	4.55	ng		98
72) Carbazole	13.18	167	31437	2.25	ng		99
74) Fluoranthene	14.39	202	403556	25.88	ng		95
77) Pyrene	14.67	202	362674	22.99	ng		98
80) Benzo(a)anthracene	16.21	228	196346	13.10	ng		97
82) Chrysene	16.25	228	172681	11.98	ng		98
85) Indeno(1,2,3-cd)pyrene	19.59	276	150898	8.21	ng	#	100
87) Benzo(b)fluoranthene	17.61	252	236478m	14.38	ng		
88) Benzo(k)fluoranthene	17.65	252	96780m	6.08	ng		
89) Benzo(a)pyrene	18.03	252	183126	12.09	ng	#	95
90) Dibenzo(a,h)anthracene	19.62	278	51791	3.22	ng		95
91) Benzo(g,h,i)perylene	20.02	276	142851	8.86	ng		95

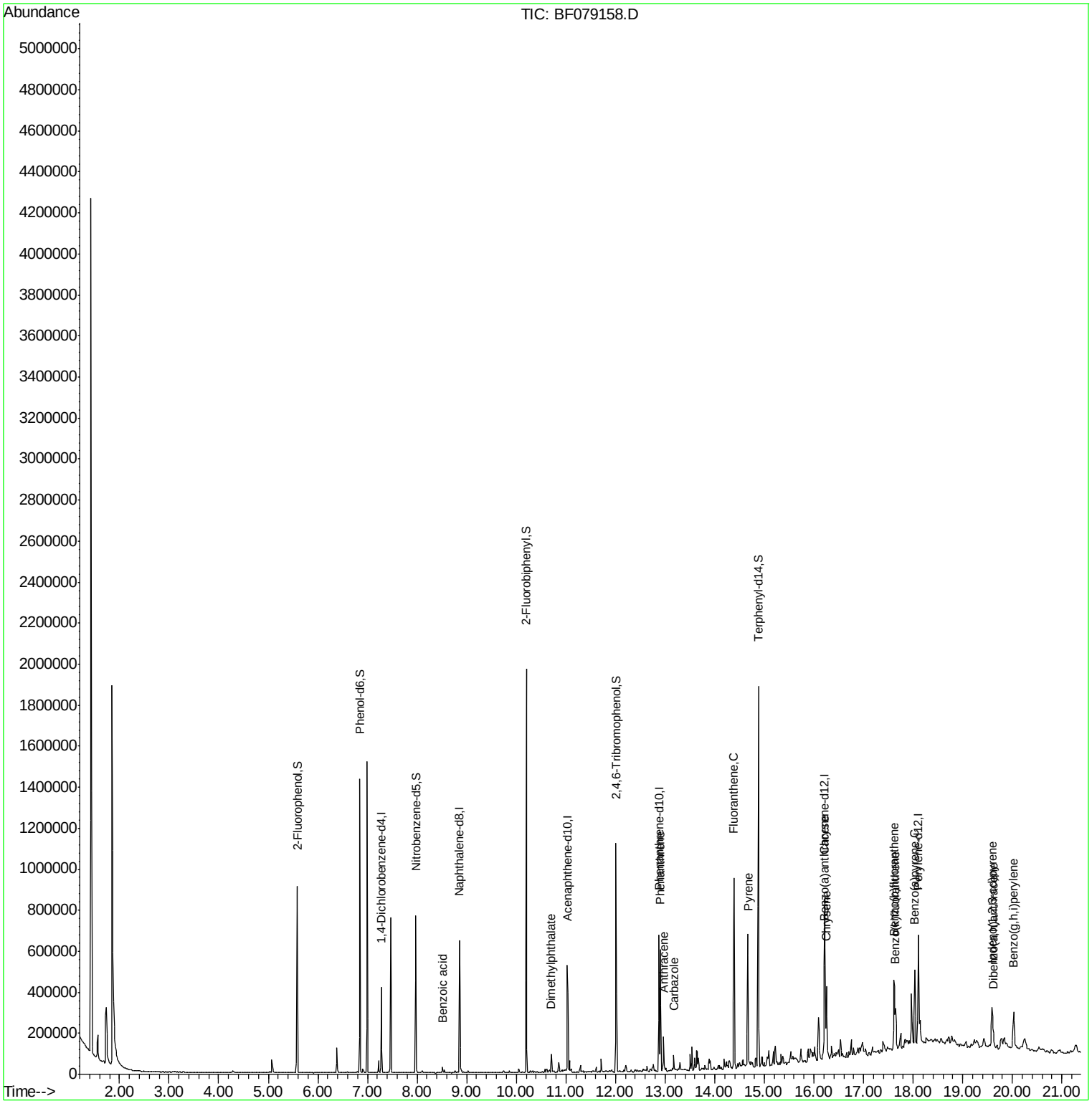
(#) = qualifier out of range (m) = manual integration (+) = signals summed

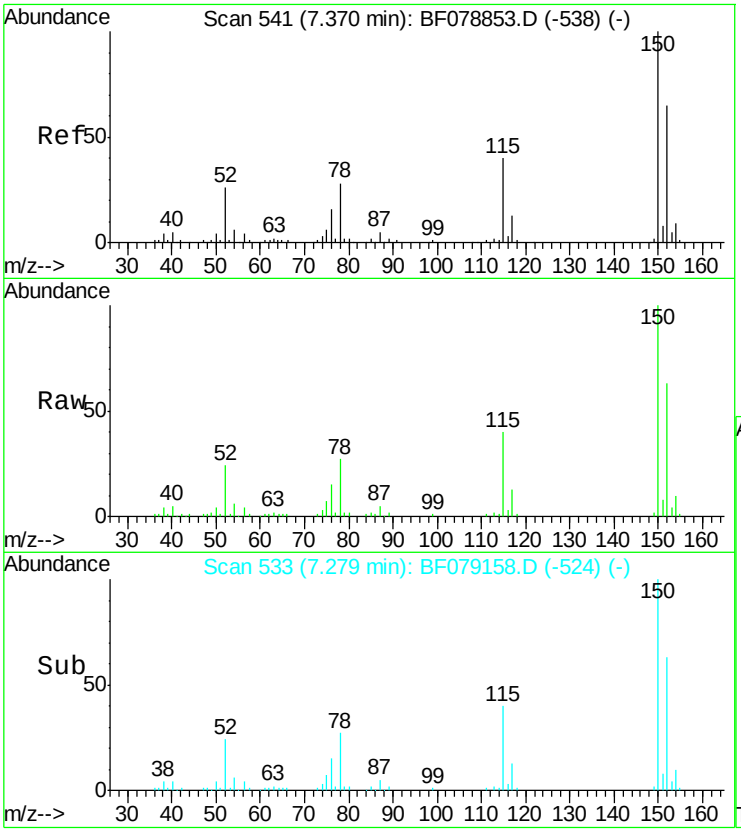
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079158.D
Acq On : 12 May 2015 15:27
Operator : TP/IZ
Sample : G2155-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Quant Time: May 13 11:40:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration



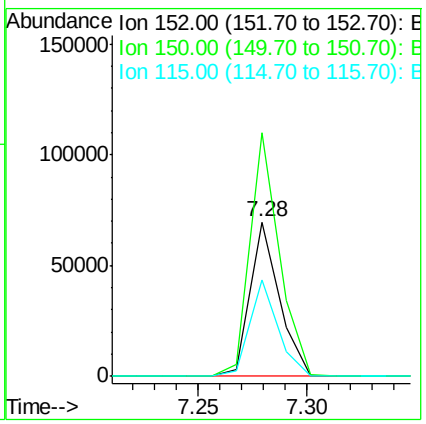


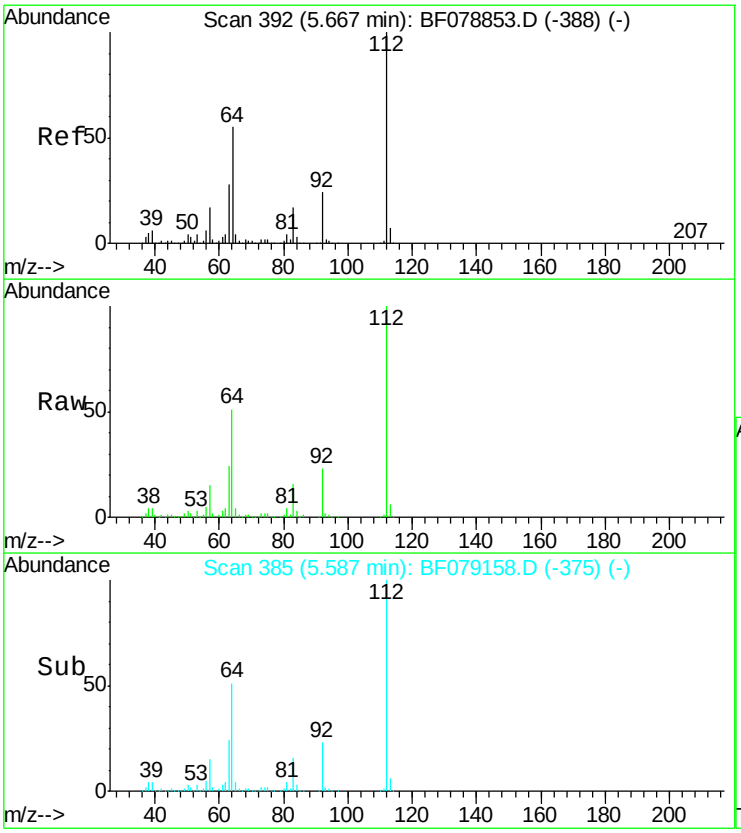
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:152 Resp: 65275

Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.0	183.0
115	62.5	46.3	69.5

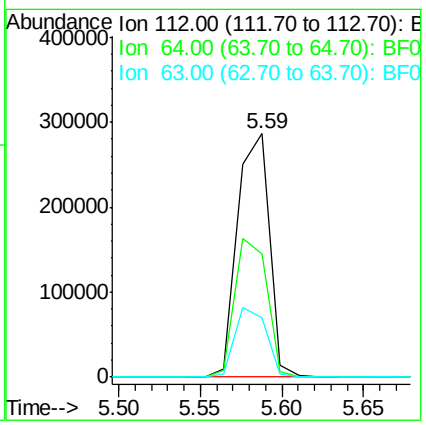


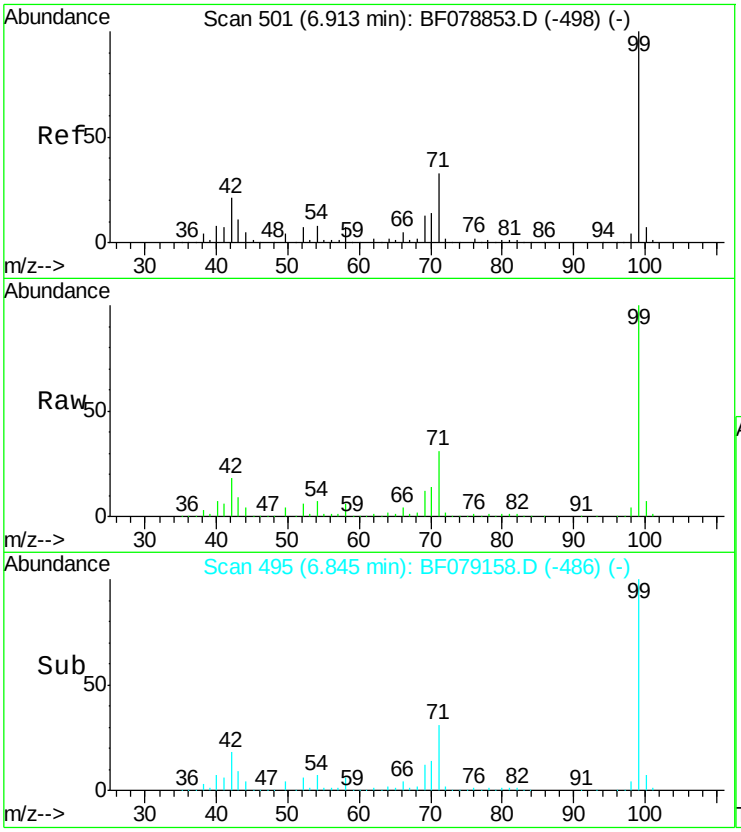


#5
2-Fluorophenol
Concen: 101.84 ng
RT: 5.59 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:112 Resp: 386164

Ion	Ratio	Lower	Upper
112	100		
64	50.8	53.5	80.3#
63	24.4	27.5	41.3#



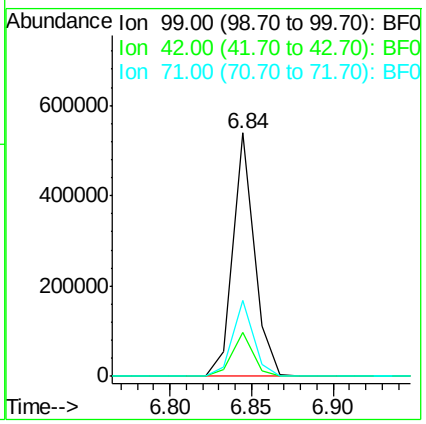


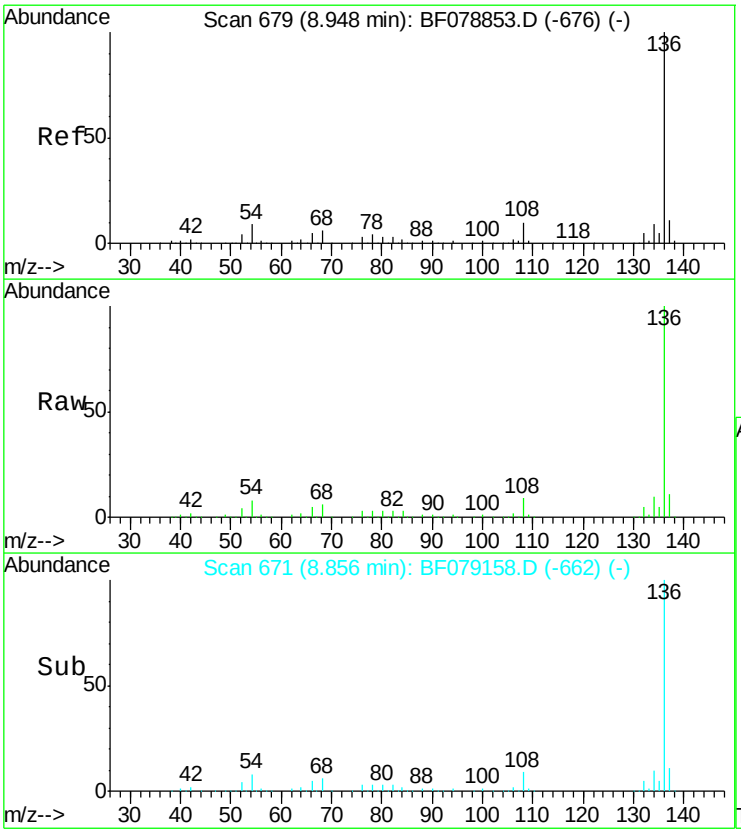
#7
Phenol-d6
Concen: 97.14 ng
RT: 6.84 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion: 99 Resp: 486922

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.8	19.2
71	31.1	23.4	35.2

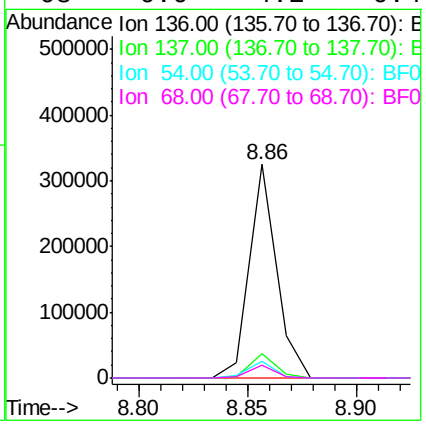


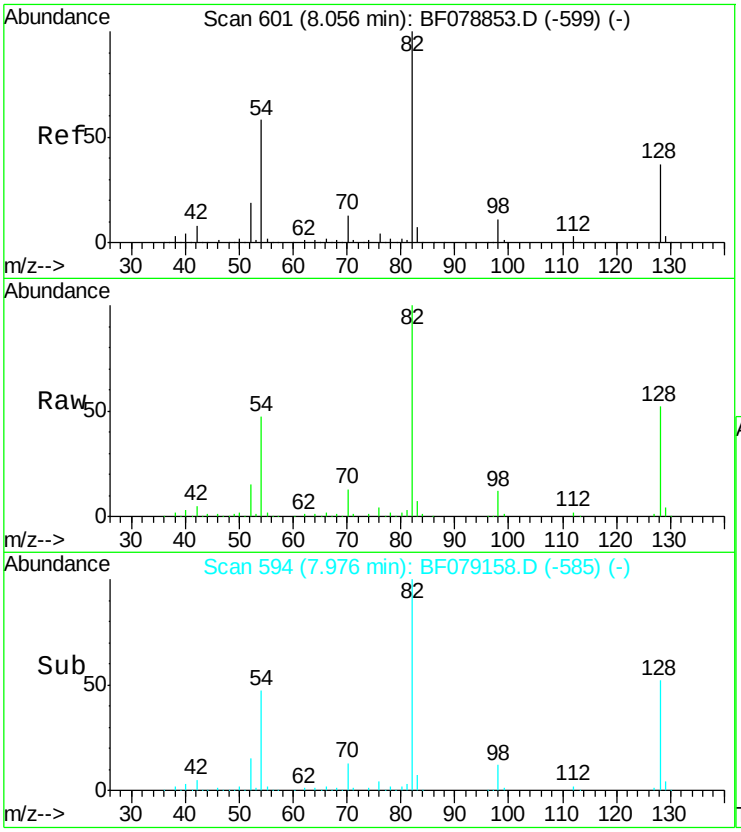


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:136 Resp: 283848

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.0	5.8	8.8
68	6.0	4.2	6.4



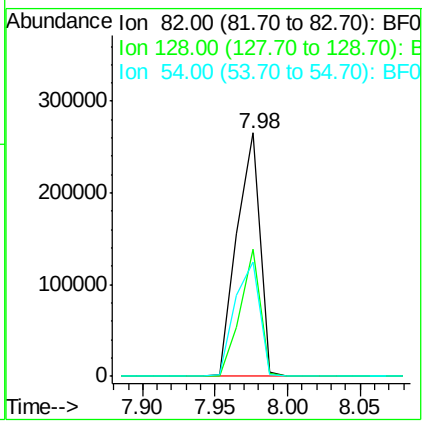


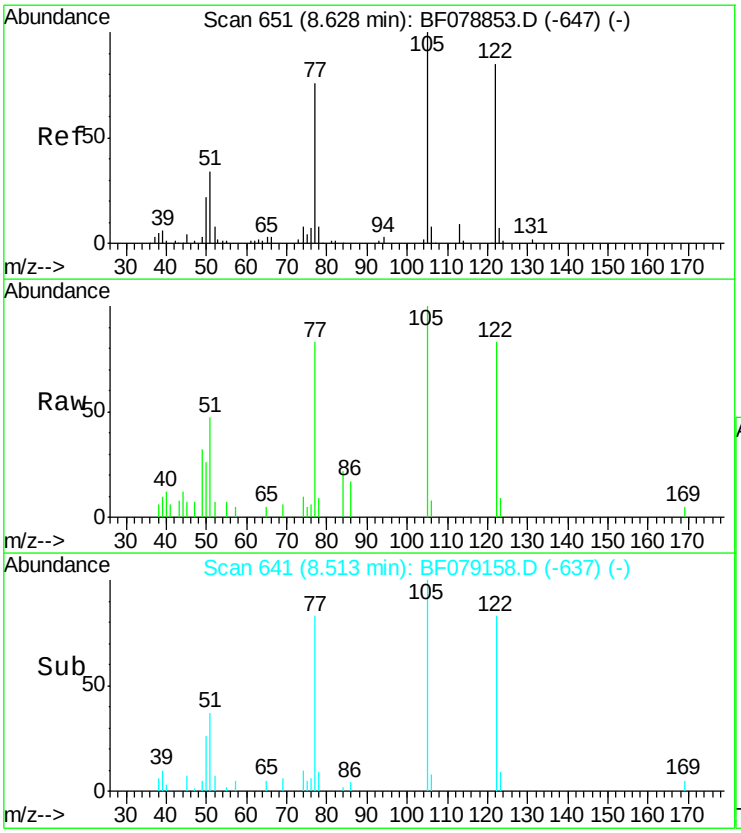
#23
Nitrobenzene-d5
Concen: 59.62 ng
RT: 7.98 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion: 82 Resp: 294448

Ion	Ratio	Lower	Upper
82	100		
128	52.3	30.0	45.0#
54	46.9	46.4	69.6

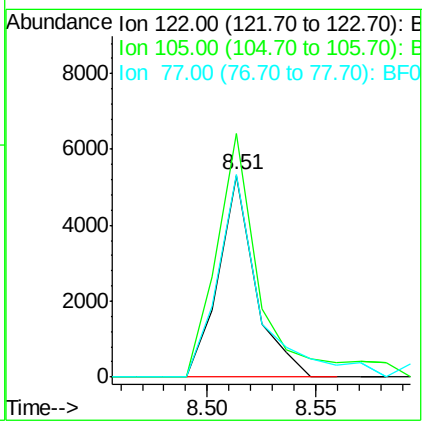


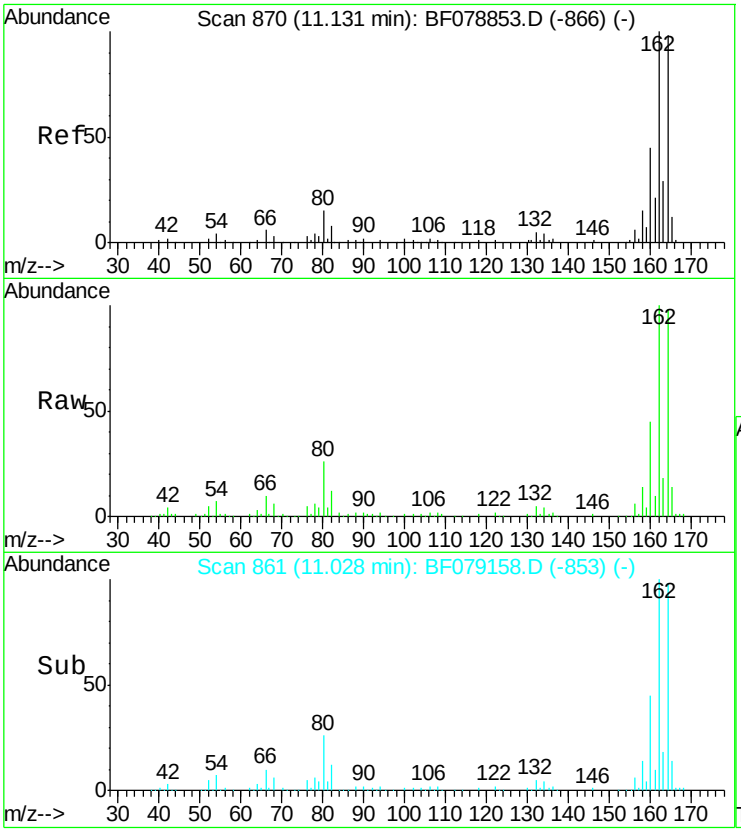


#32
Benzoic acid
Concen: 8.46 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:122 Resp: 6273

Ion	Ratio	Lower	Upper
122	100		
105	120.7	107.1	147.1
77	100.4	73.9	113.9



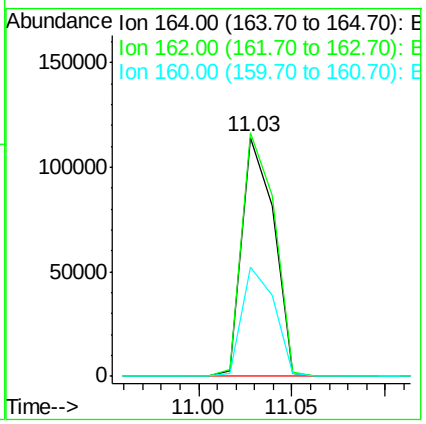


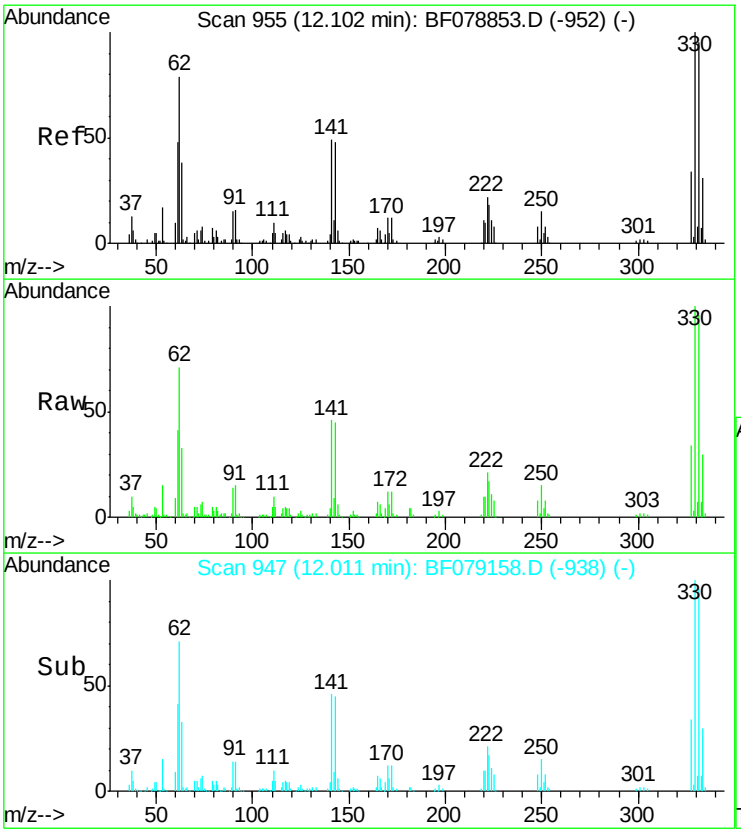
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:164 Resp: 137345

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.7	124.1
160	45.6	35.8	53.8

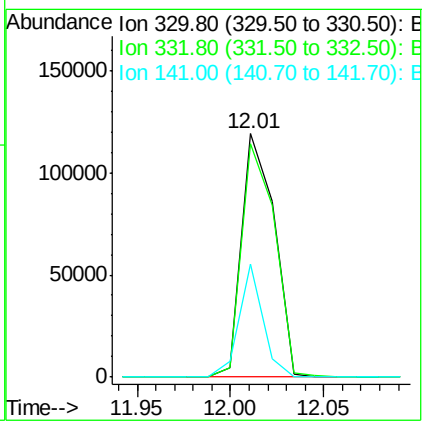


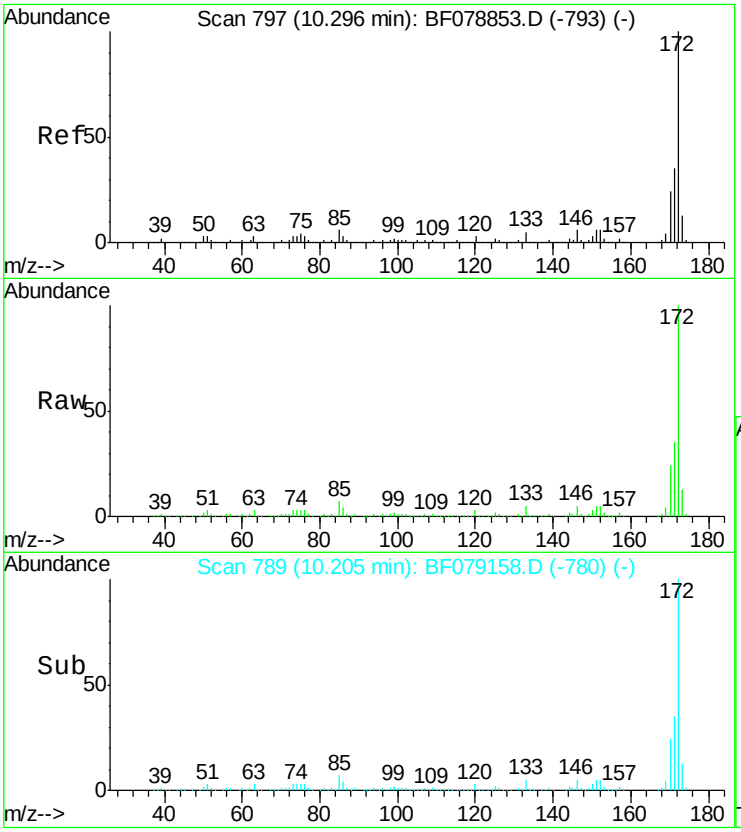


#41
2,4,6-Tribromophenol
Concen: 98.11 ng
RT: 12.01 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:330 Resp: 145772

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	34.0	0.0	0.0#



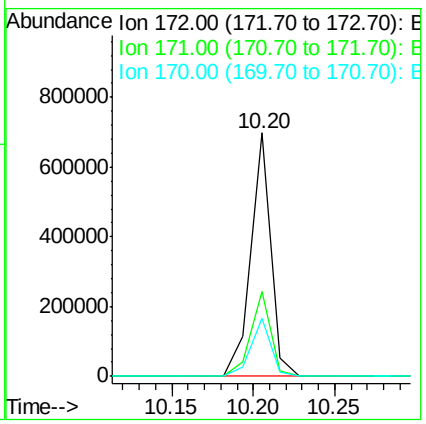


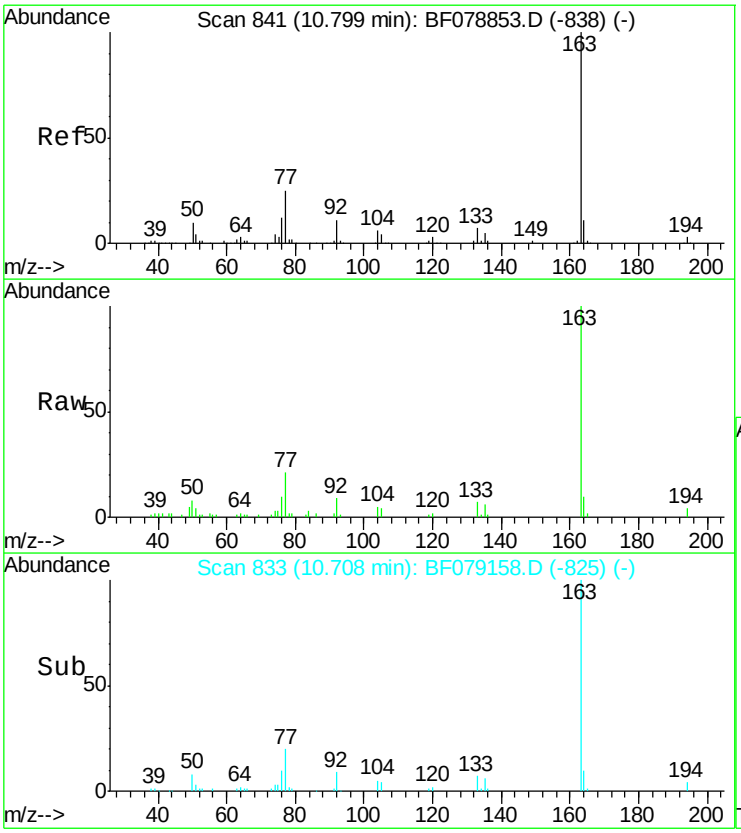
#44
2-Fluorobiphenyl
Concen: 60.29 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:172 Resp: 594324

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.8	19.4	29.0

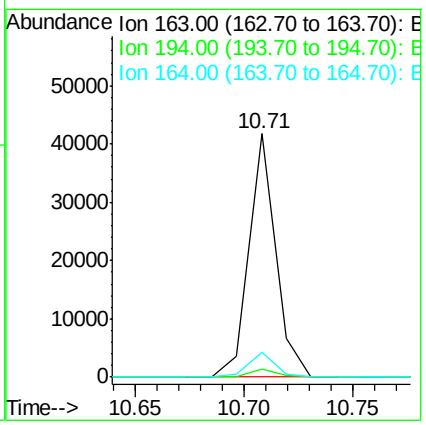


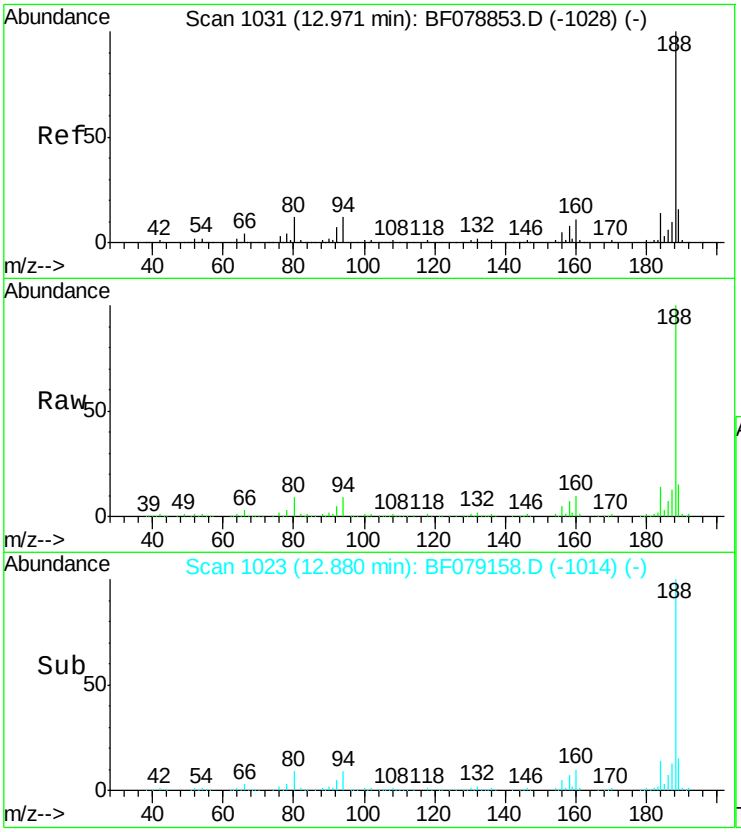


#49
Dimethylphthalate
Concen: 3.54 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:163 Resp: 35663

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.1	12.1



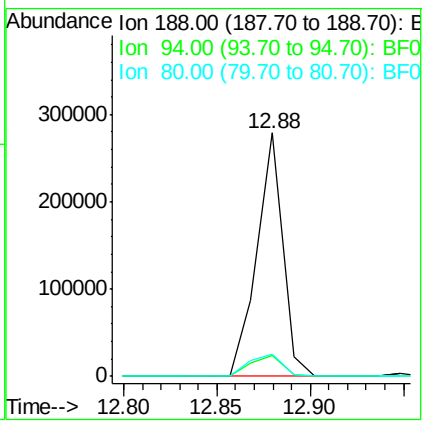


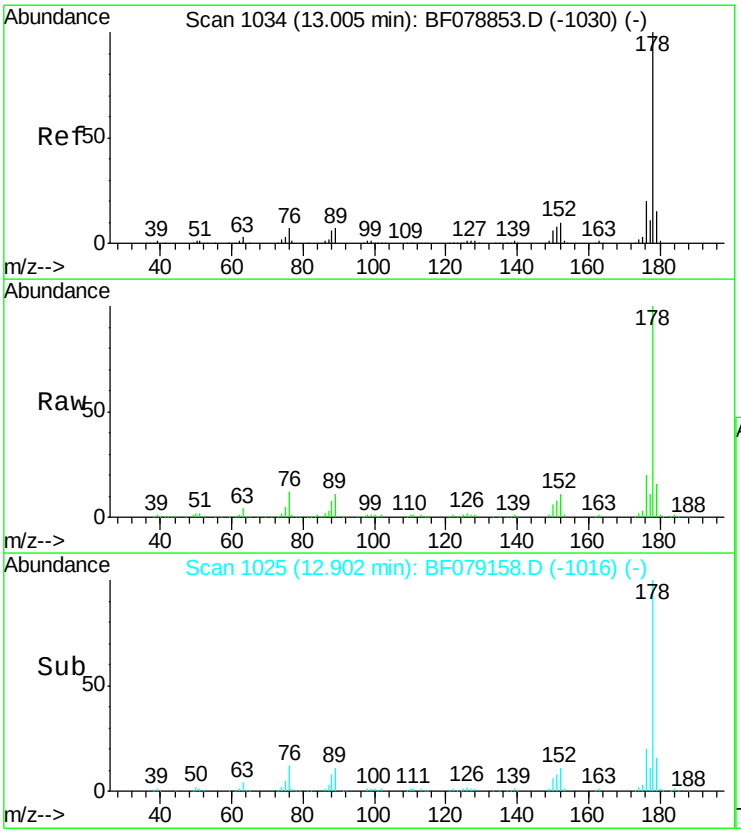
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:188 Resp: 267492

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	8.9	8.9	13.3

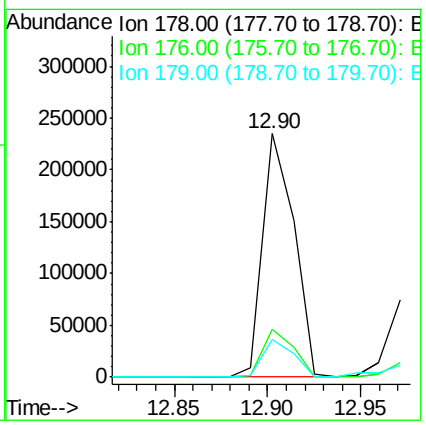


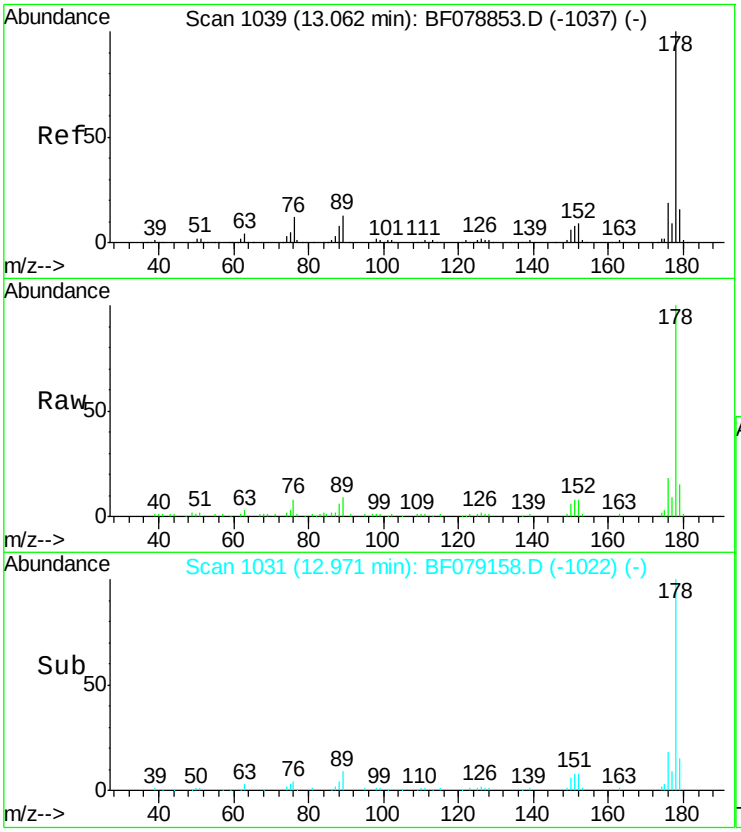


#70
Phenanthrene
Concen: 18.27 ng
RT: 12.90 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:178 Resp: 273471

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	12.5	18.7



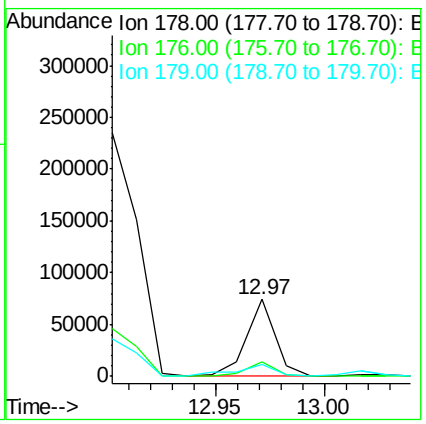


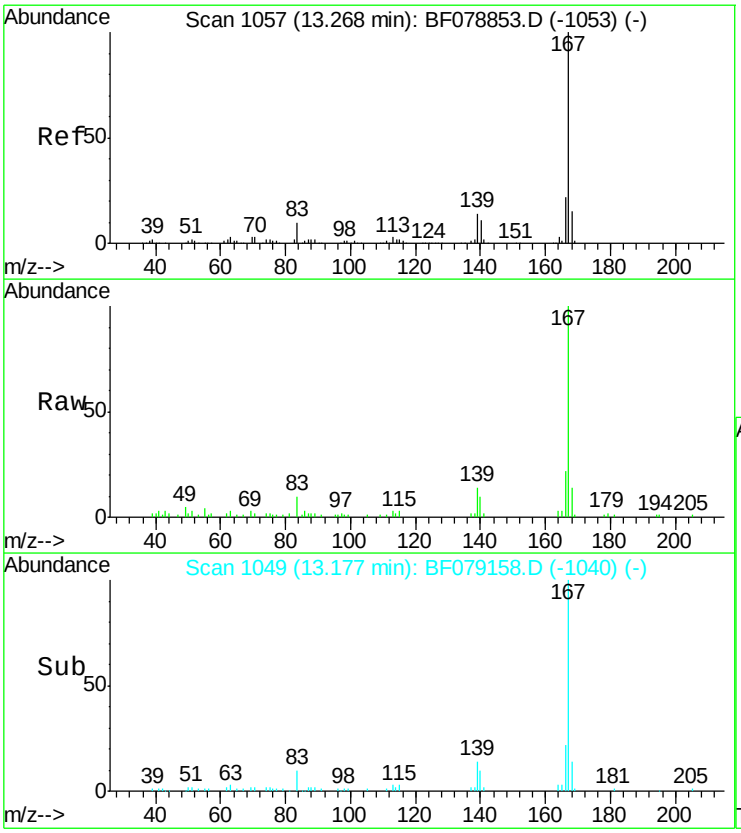
#71
Anthracene
Concen: 4.55 ng
RT: 12.97 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:178 Resp: 66835

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	14.9	12.7	19.1

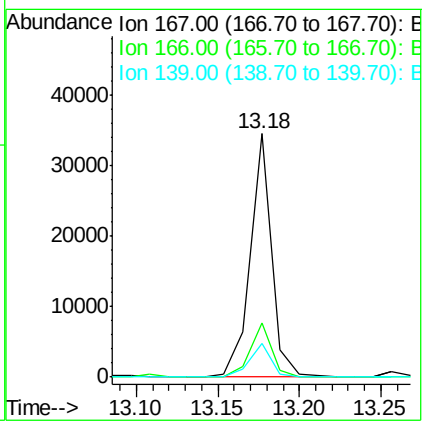


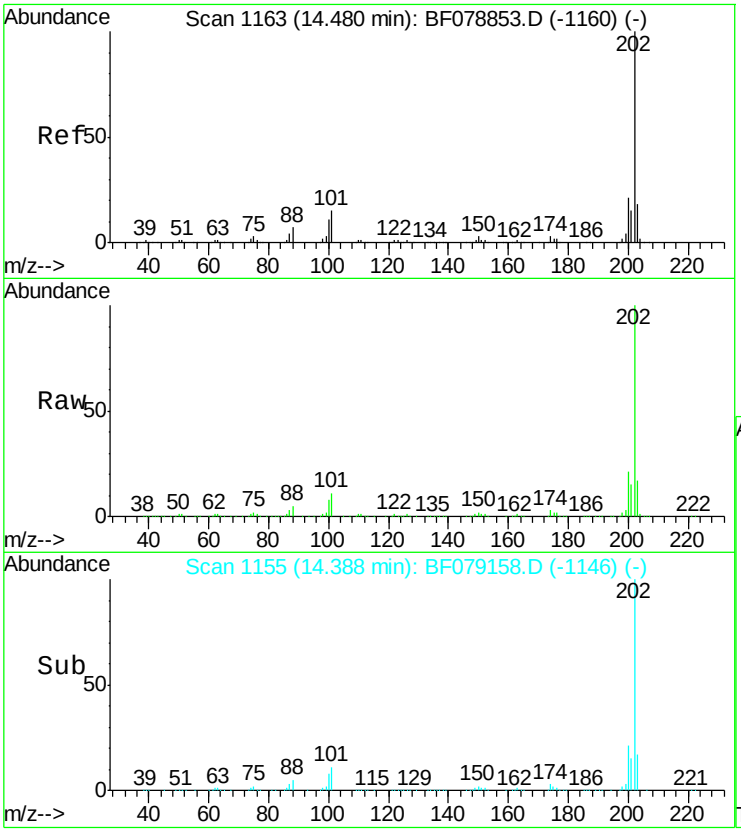


#72
Carbazole
Concen: 2.25 ng
RT: 13.18 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:167 Resp: 31437

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	13.9	10.6	16.0



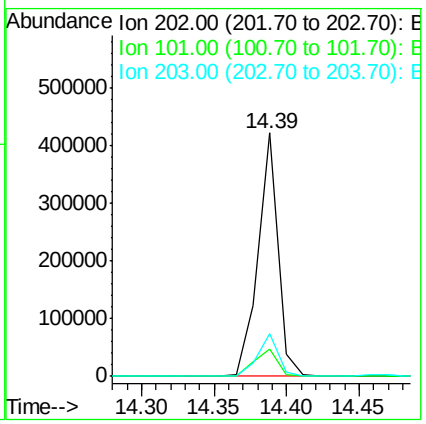


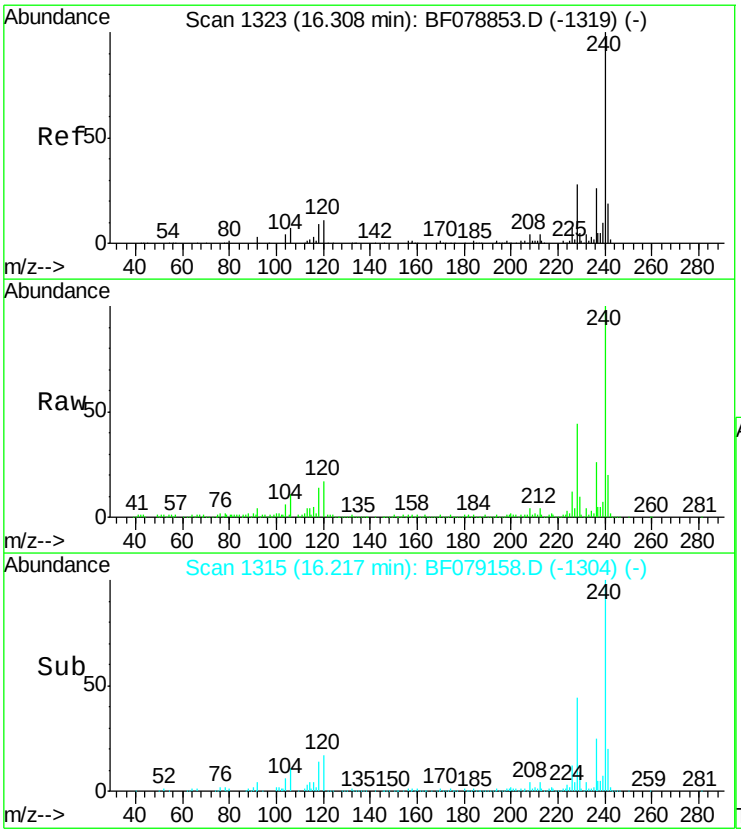
#74
Fluoranthene
Concen: 25.88 ng
RT: 14.39 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:202 Resp: 403556

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.6
203	17.4	0.0	38.4

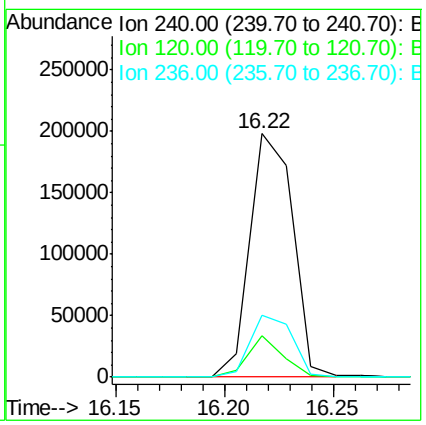


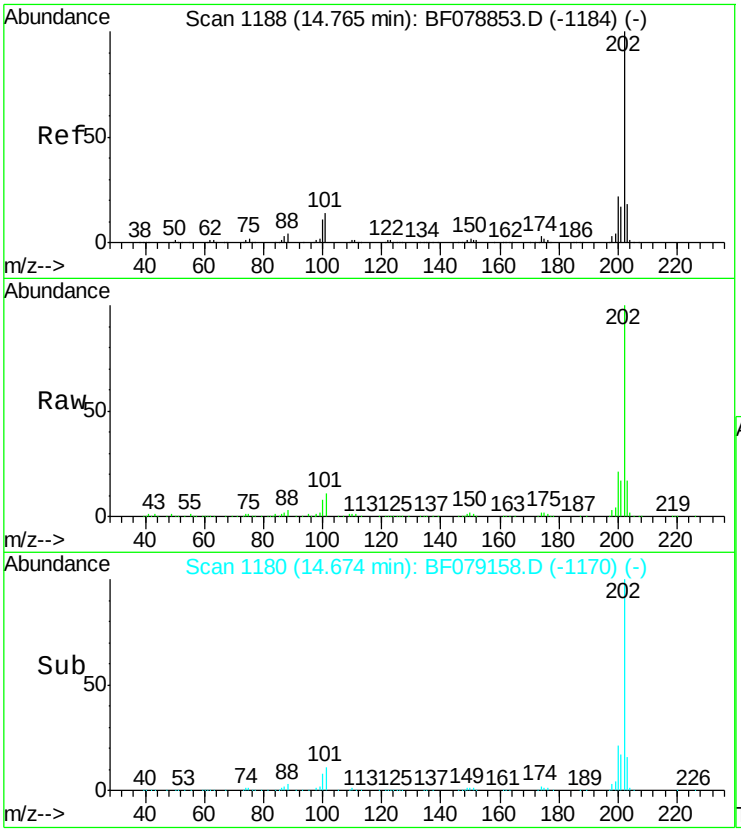


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:240 Resp: 273774

Ion	Ratio	Lower	Upper
240	100		
120	16.8	9.7	14.5#
236	25.6	20.2	30.4



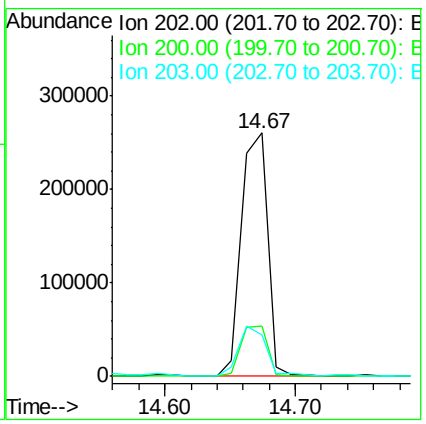


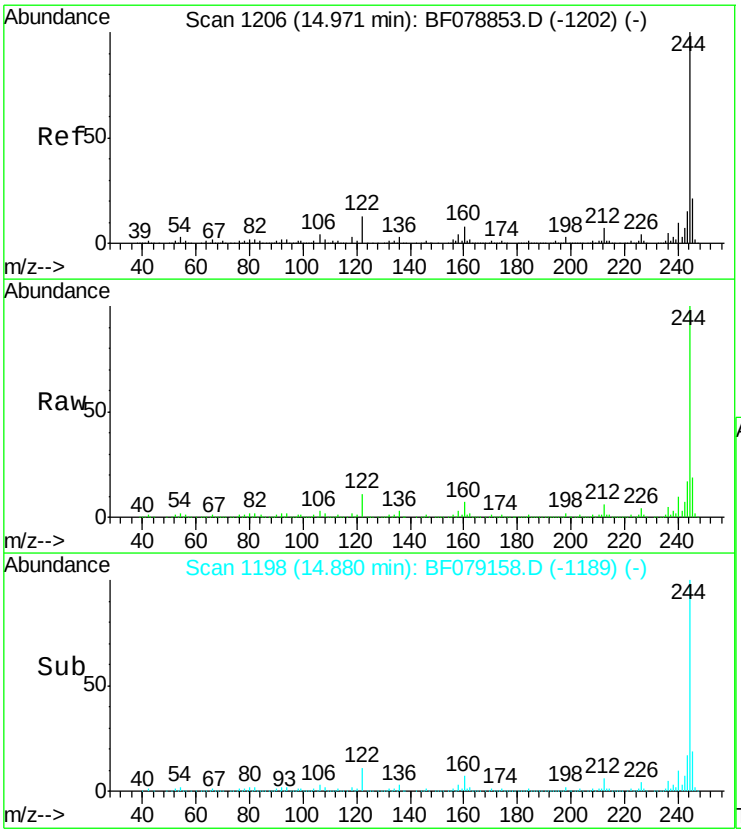
#77
Pyrene
Concen: 22.99 ng
RT: 14.67 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:202 Resp: 362674

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.5	26.3
203	17.1	13.9	20.9

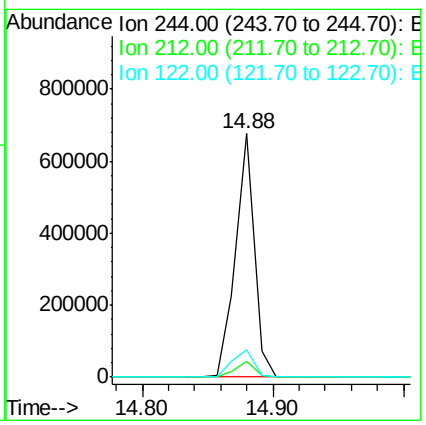


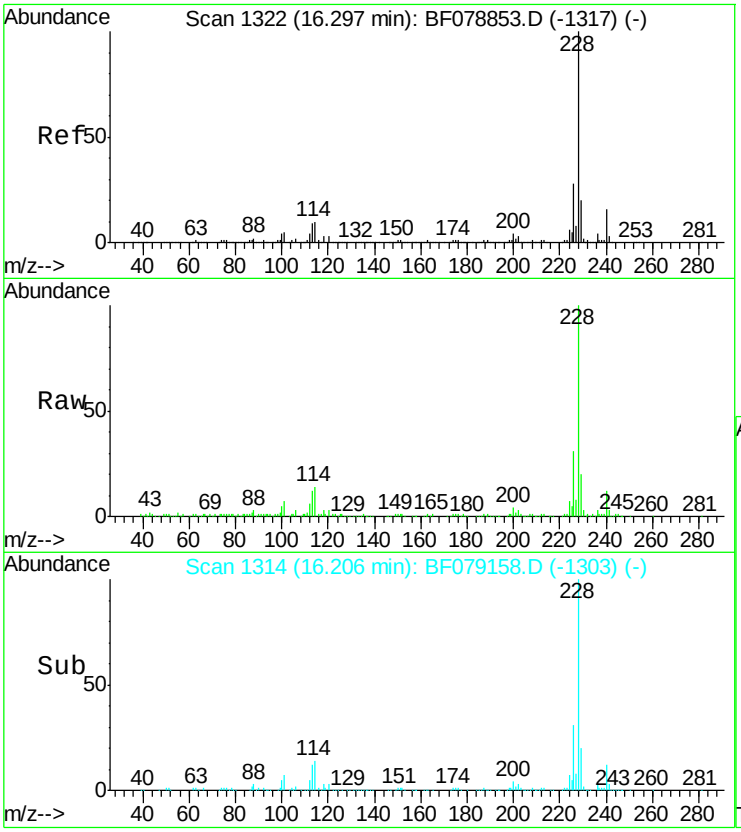


#78
Terphenyl-d14
Concen: 58.93 ng
RT: 14.88 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:244 Resp: 673881

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.0	10.3	15.5



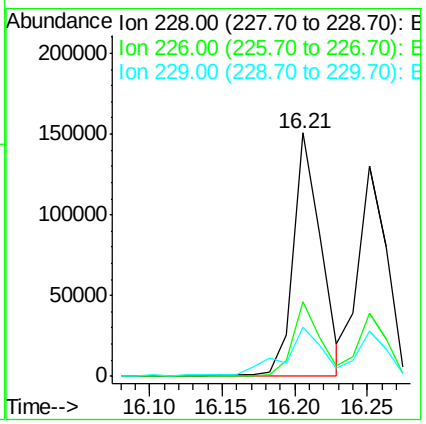


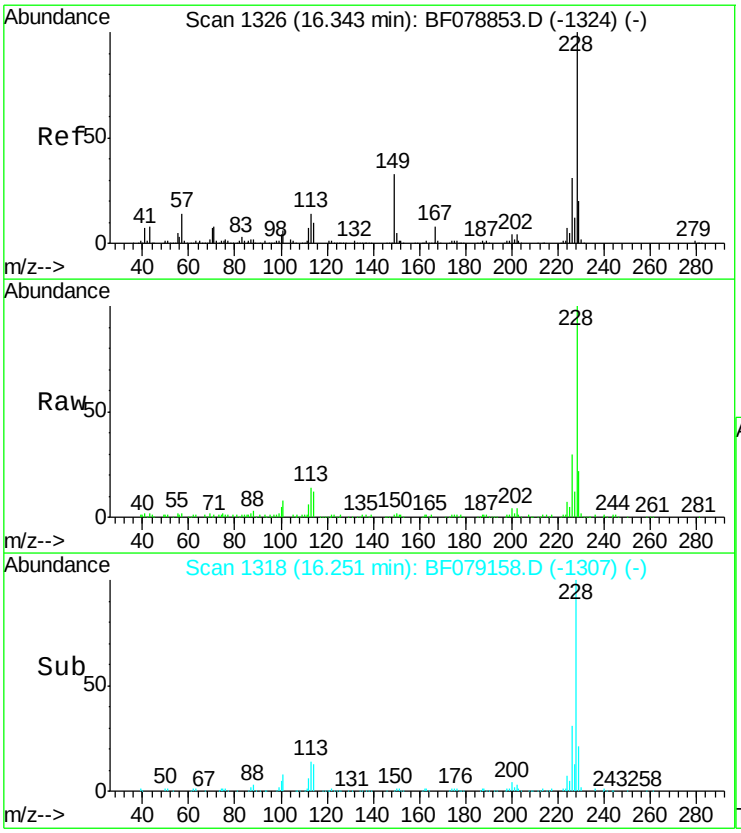
#80
Benzo(a)anthracene
Concen: 13.10 ng
RT: 16.21 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:228 Resp: 196346

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	20.3	15.9	23.9

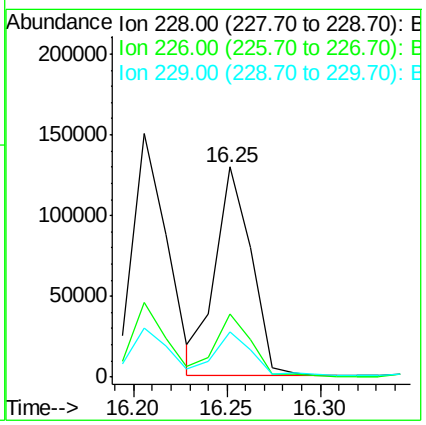


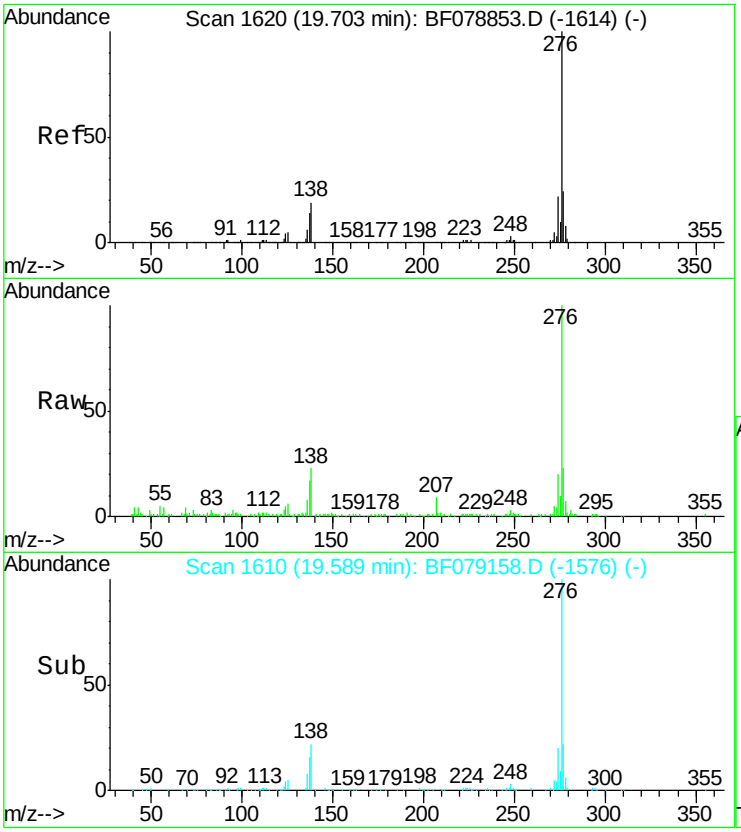


#82
Chrysene
Concen: 11.98 ng
RT: 16.25 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:228 Resp: 172681

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	21.7	16.0	24.0



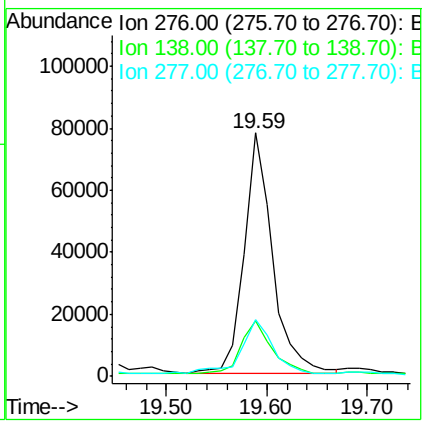


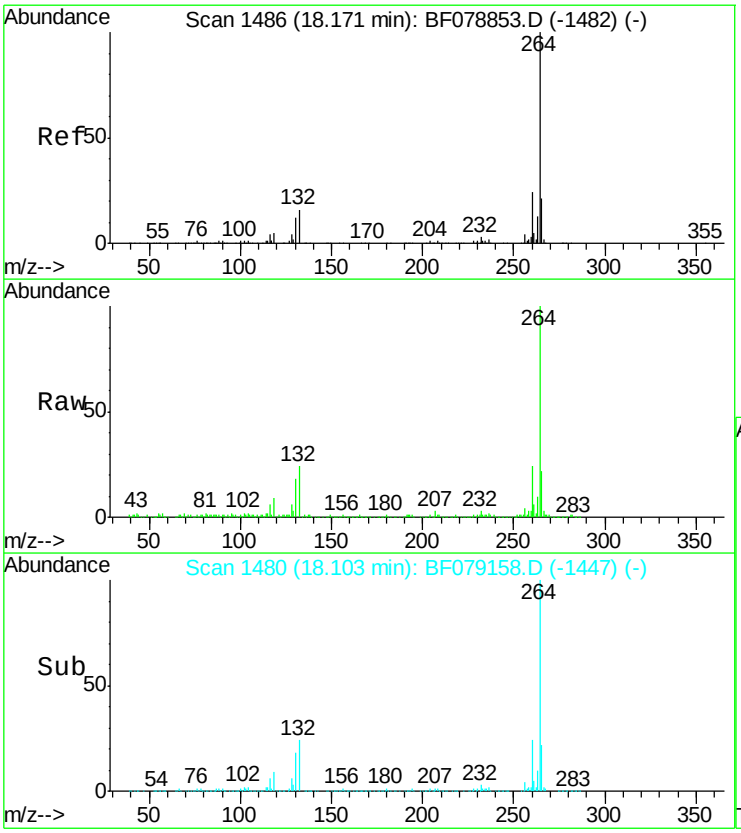
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.21 ng
RT: 19.59 min Scan# 1610
Delta R.T. 0.09 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:276 Resp: 150898

Ion	Ratio	Lower	Upper
276	100		
138	25.2	0.0	0.0#
277	26.5	0.0	0.0#

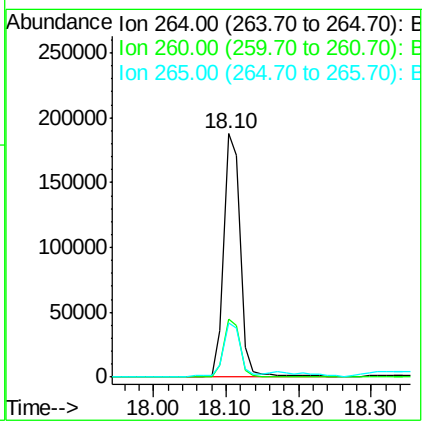


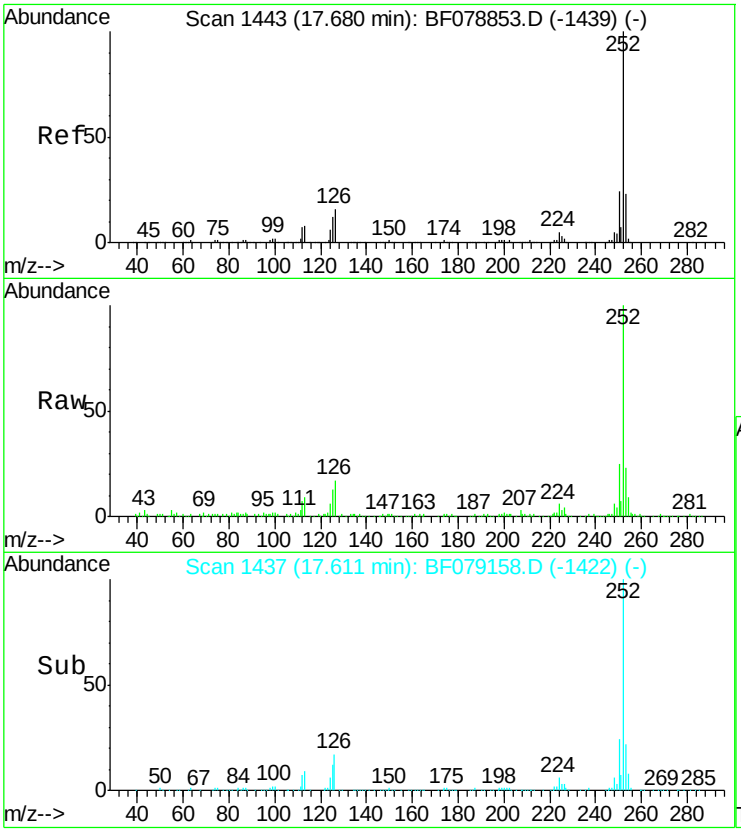


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.10 min Scan# 1480
Delta R.T. 0.08 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:264 Resp: 300498

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.5	18.3	27.5



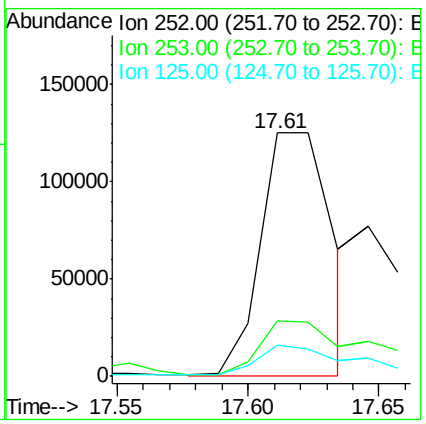


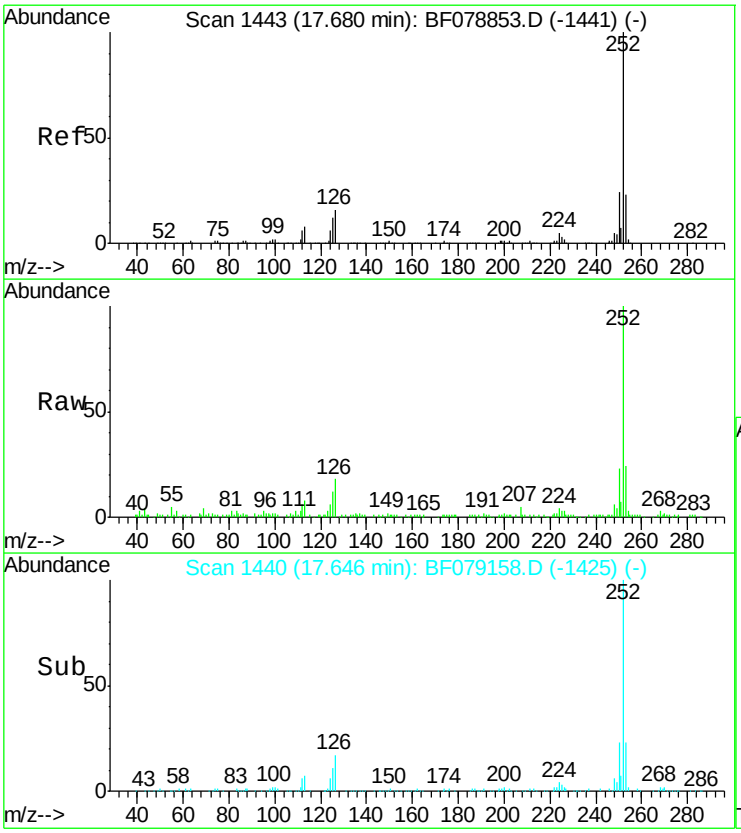
#87
Benzo(b)fluoranthene
Concen: 14.38 ng m
RT: 17.61 min Scan# 1437
Delta R.T. 0.07 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:252 Resp: 236478

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	12.9	9.5	14.3

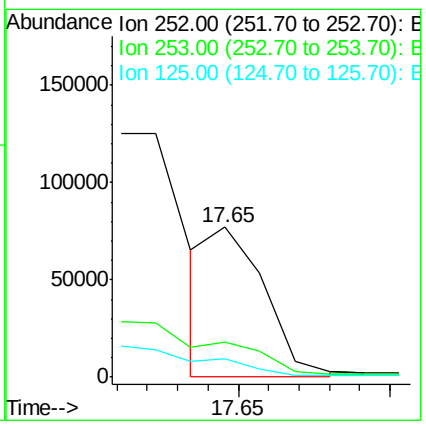


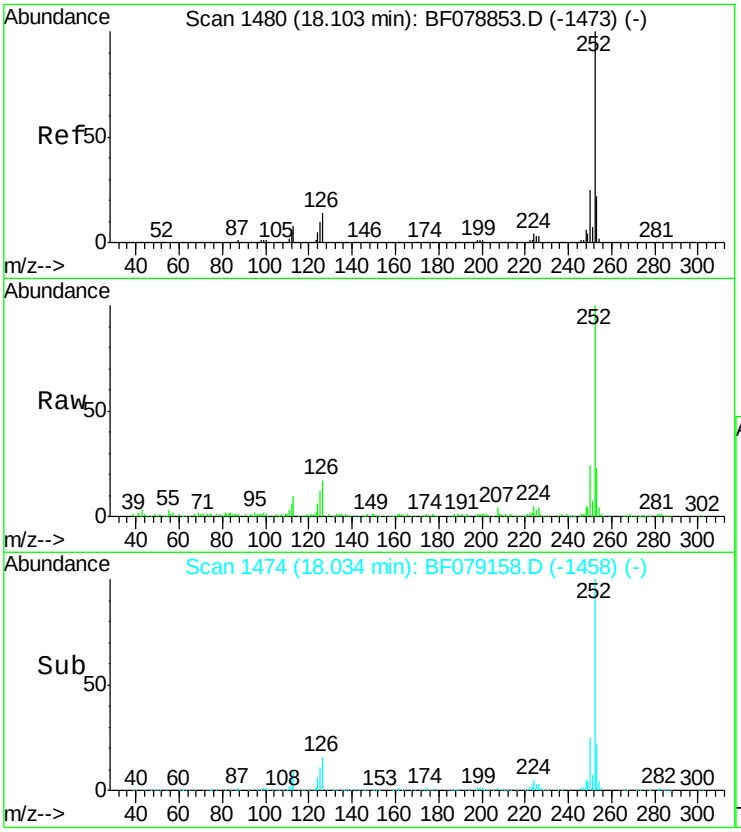


#88
Benzo(k)fluoranthene
Concen: 6.08 ng m
RT: 17.65 min Scan# 1440
Delta R.T. 0.07 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:252 Resp: 96780

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	12.3	10.0	15.0



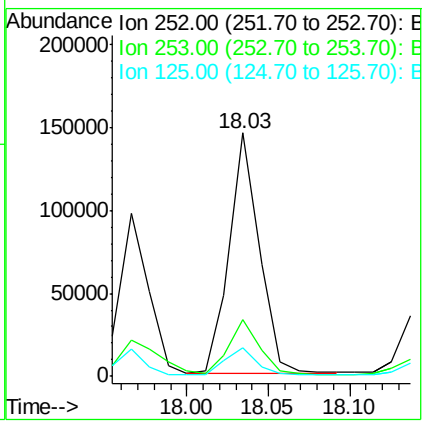


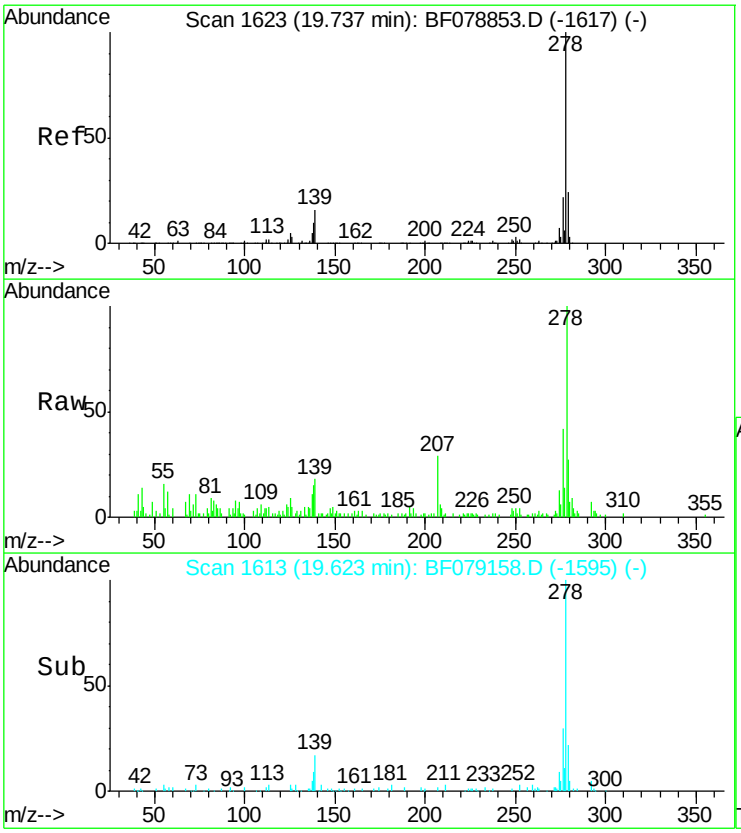
#89
Benzo(a)pyrene
Concen: 12.09 ng
RT: 18.03 min Scan# 1474
Delta R.T. 0.08 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:252 Resp: 183126

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	11.7	7.0	10.6#

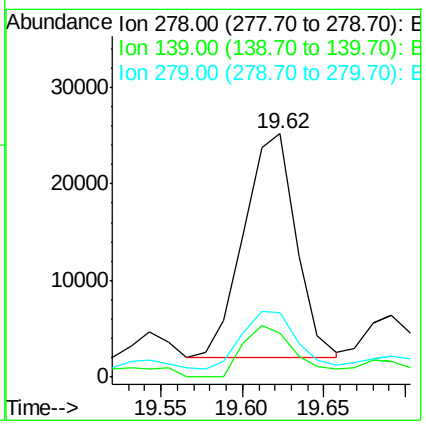


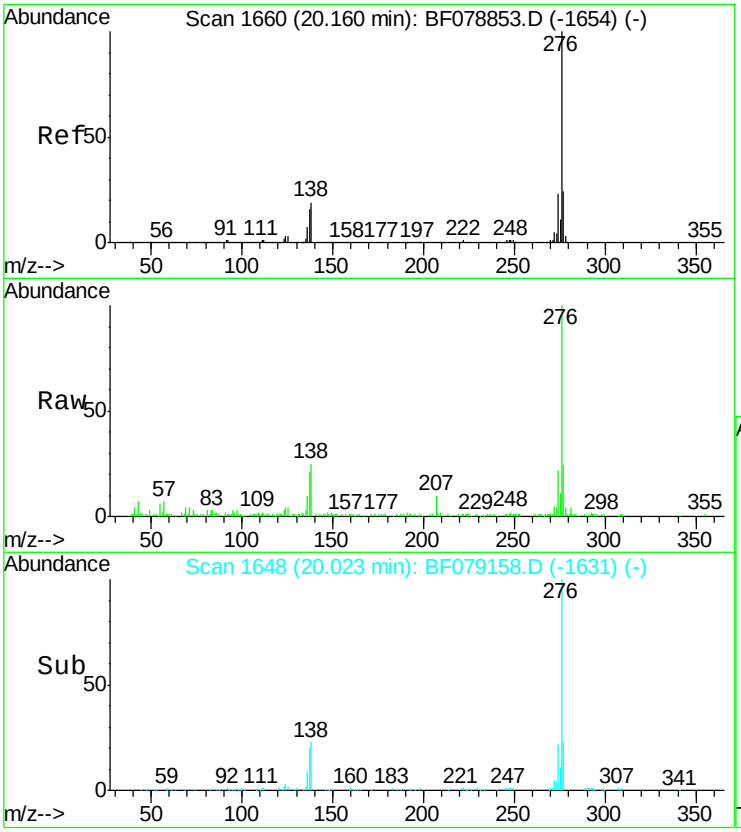


#90
Dibenzo(a,h)anthracene
Concen: 3.22 ng
RT: 19.62 min Scan# 1613
Delta R.T. 0.10 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Tgt Ion:278 Resp: 51791

Ion	Ratio	Lower	Upper
278	100		
139	18.0	12.8	19.2
279	26.7	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 8.86 ng
RT: 20.02 min Scan# 1648
Delta R.T. 0.09 min
Lab File: BF079158.D
Acq: 12 May 2015 15:27

Instrument :
BNA_F
ClientSampleId :
SB-44AS

Tgt Ion:276 Resp: 142851

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	25.2	17.4	26.0