Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079237.D
Acq On : 14 May 2015 17:13
Operator : TP/IZ
Sample : G2215-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39S

Quant Time: May 15 12:48:19 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 02:08:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	64558	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	270101	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	132202	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	257655	20.00	ng	0.00
75) Chrysene-d12	16.17	240	268237	20.00	ng	-0.33
86) Perylene-d12	18.29	264	271646	20.00	ng	-0.59
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	320758m	85.53	ng	0.00
7) Phenol-d6	6.79	99	443497	89.46	ng	0.00
23) Nitrobenzene-d5	7.91	82	233287	49.64	ng	-0.01
41) 2,4,6-Tribromophenol	11.95	330	123459	86.32	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	445971	47.00	ng	0.00
78) Terphenyl-d14	14.82	244	475864m	42.47	ng	-0.10
Target Compounds						Qvalue
49) Dimethylphthalate	10.65	163	74830	7.71	ng	97
70) Phenanthrene	12.85	178	43608	3.03	ng	98
74) Fluoranthene	14.33	202	67694	4.51	ng	93
77) Pyrene	14.61	202	64793m	4.19	ng	
80) Benzo(a)anthracene	16.16	228	34810	2.37	ng	98
82) Chrysene	16.21	228	31813	2.25	ng	98
87) Benzo(b)fluoranthene	17.71	252	43055m	2.90	ng	
89) Benzo(a)pyrene	18.21	252	30504	2.23	ng	99

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

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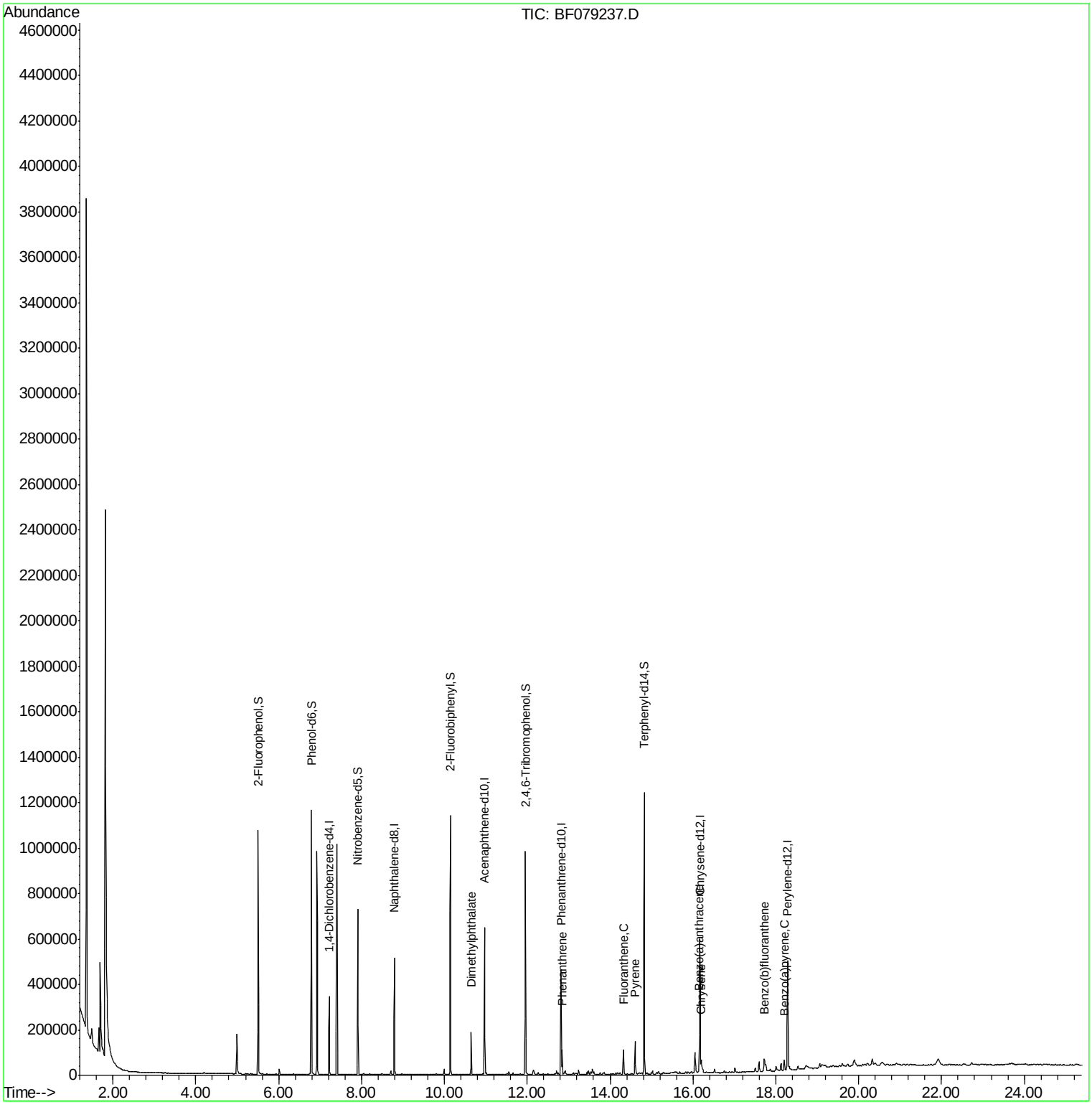
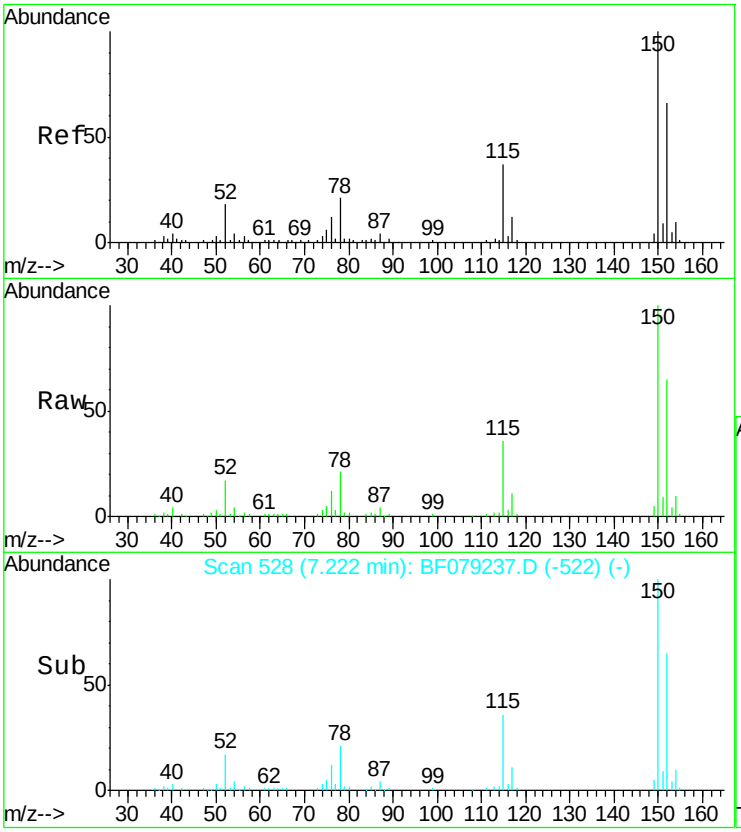


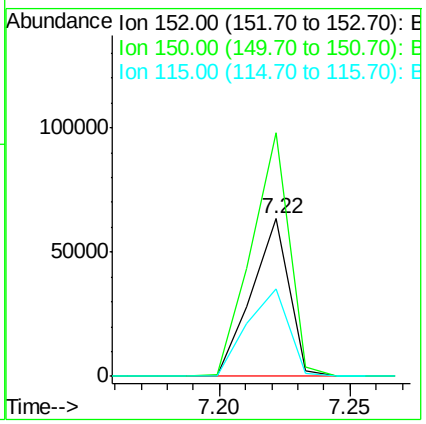


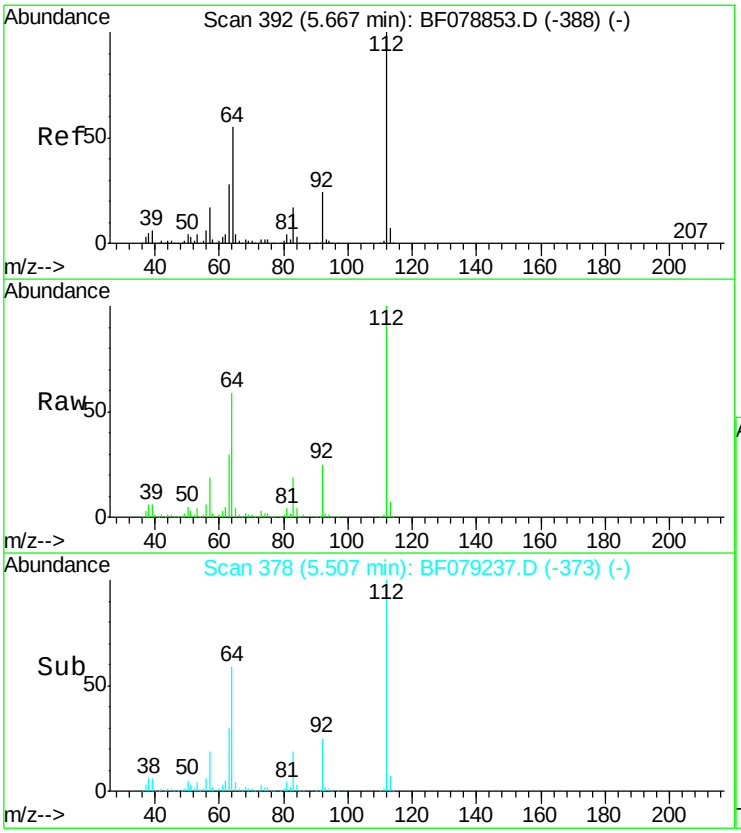
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion:152 Resp: 64558

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.8
115	55.2	49.4	74.0

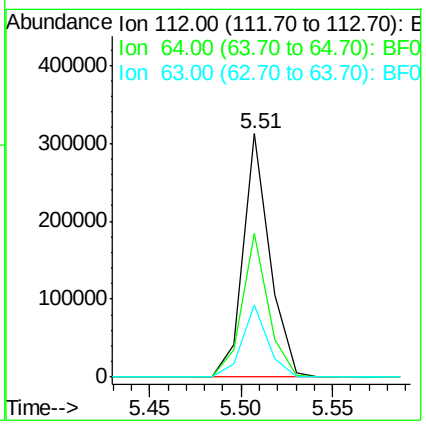


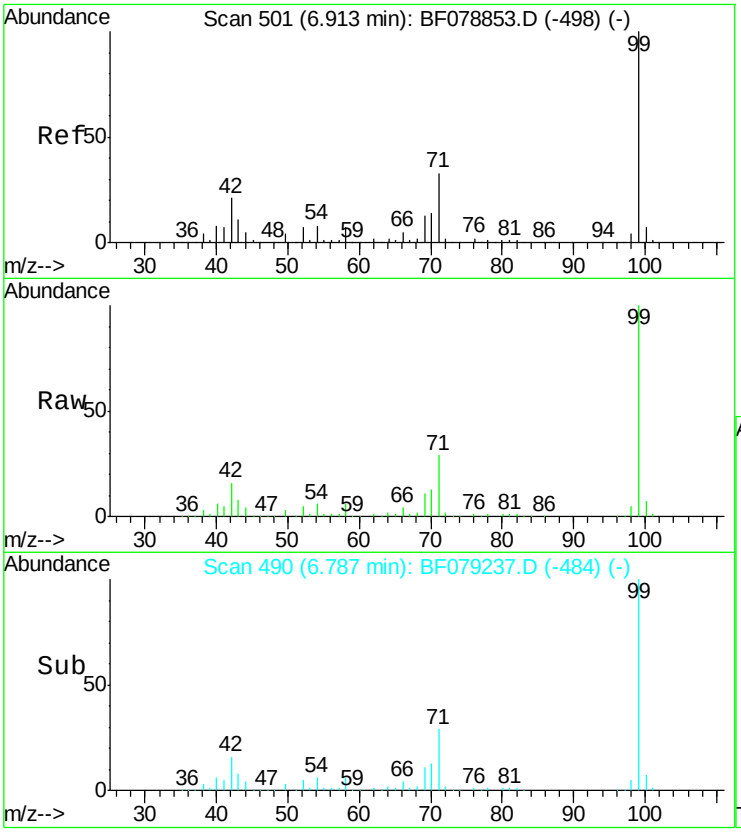


#5
2-Fluorophenol
Concen: 85.53 ng m
RT: 5.51 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:112 Resp: 320758

Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.2	66.2
63	29.7	22.7	34.1



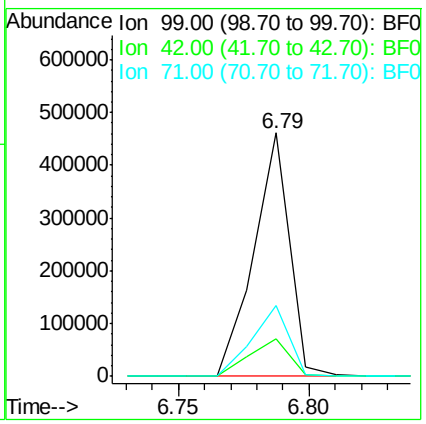


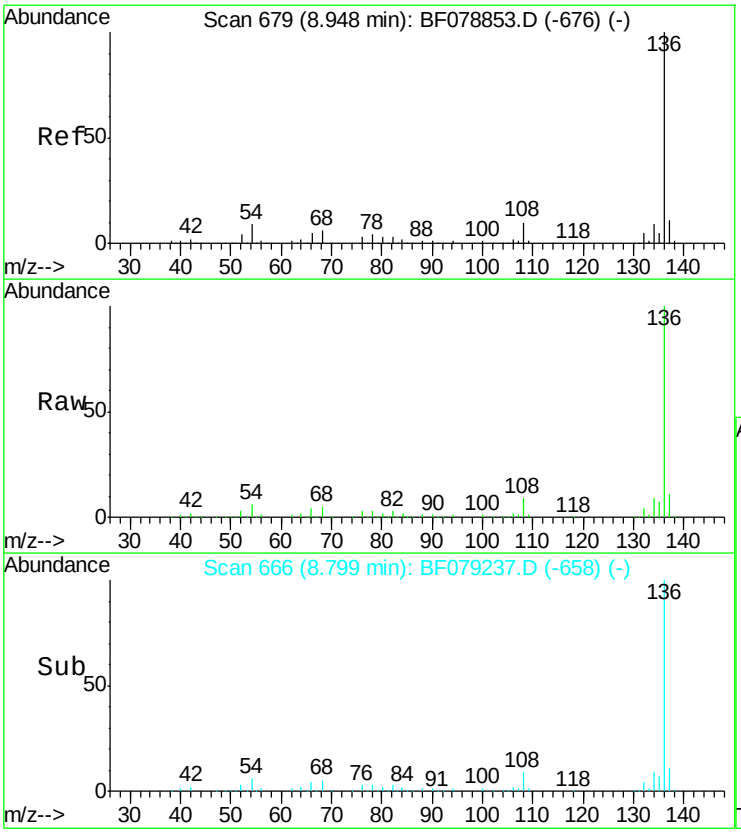
#7
Phenol-d6
Concen: 89.46 ng
RT: 6.79 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion: 99 Resp: 443497

Ion	Ratio	Lower	Upper
99	100		
42	15.6	17.1	25.7#
71	29.1	26.3	39.5

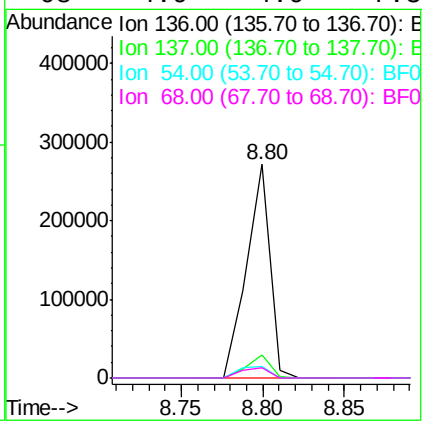


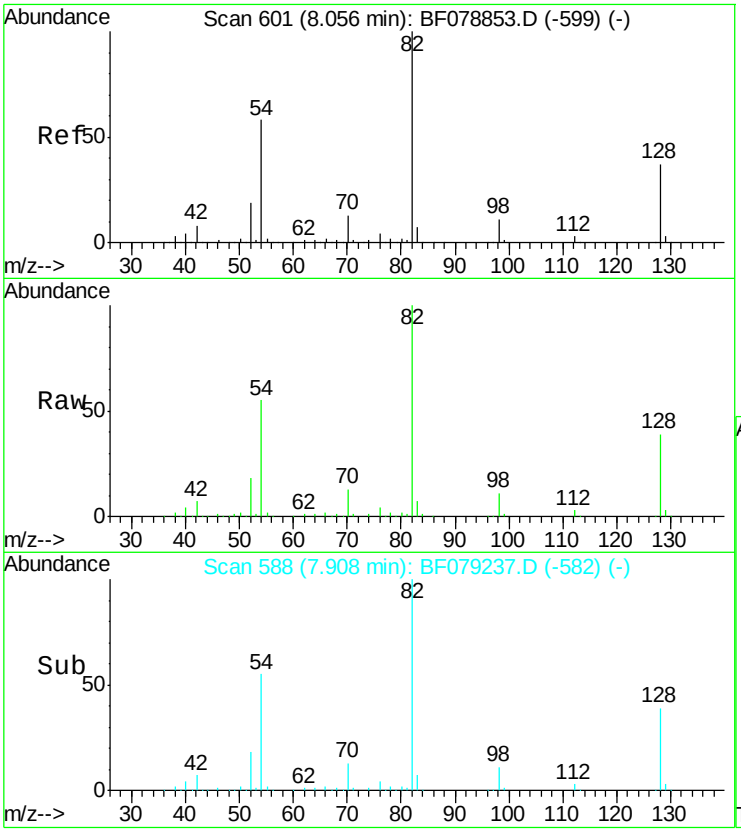


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:136 Resp: 270101

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.6	6.9	10.3#
68	4.9	4.9	7.3



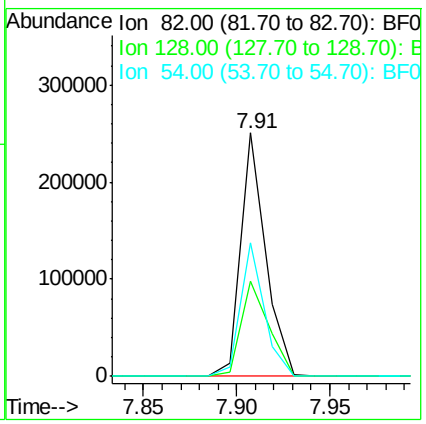


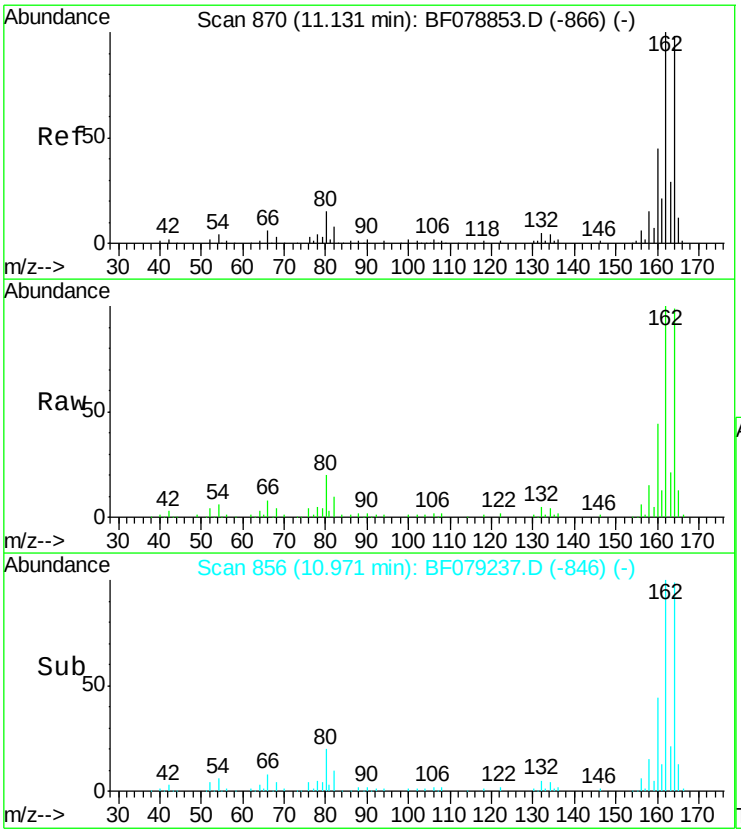
#23
Nitrobenzene-d5
Concen: 49.64 ng
RT: 7.91 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion: 82 Resp: 233287

Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.7	44.5
54	54.8	46.2	69.4

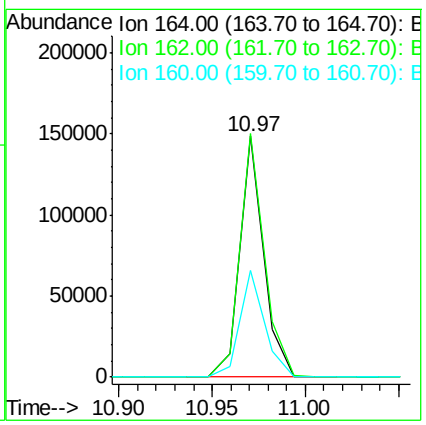


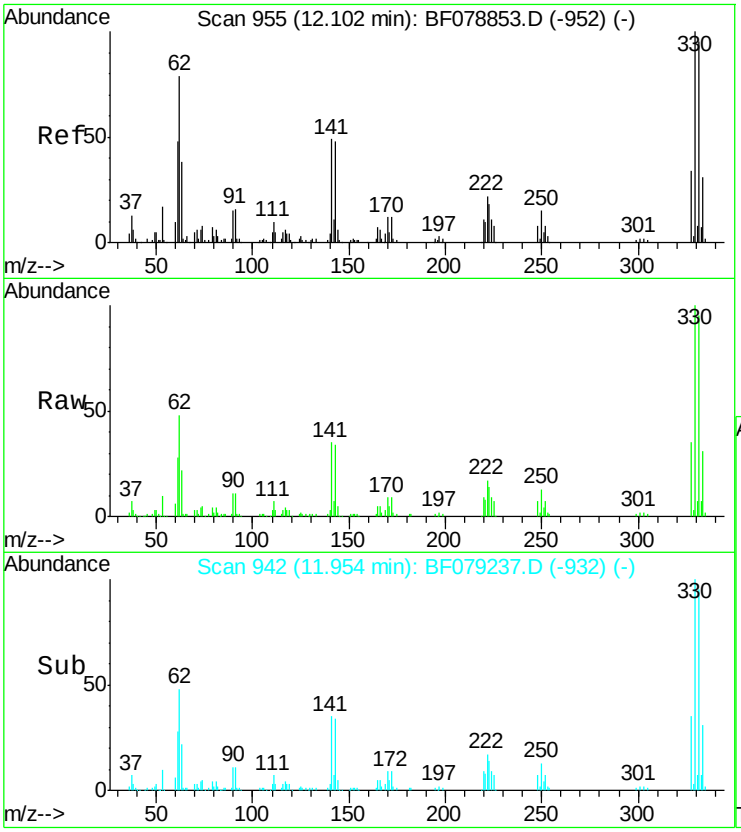


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:164 Resp: 132202

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.0
160	44.4	36.6	54.8



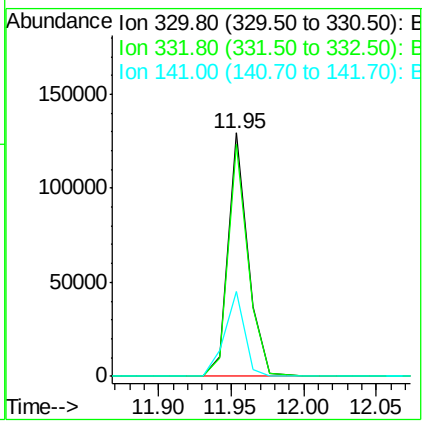


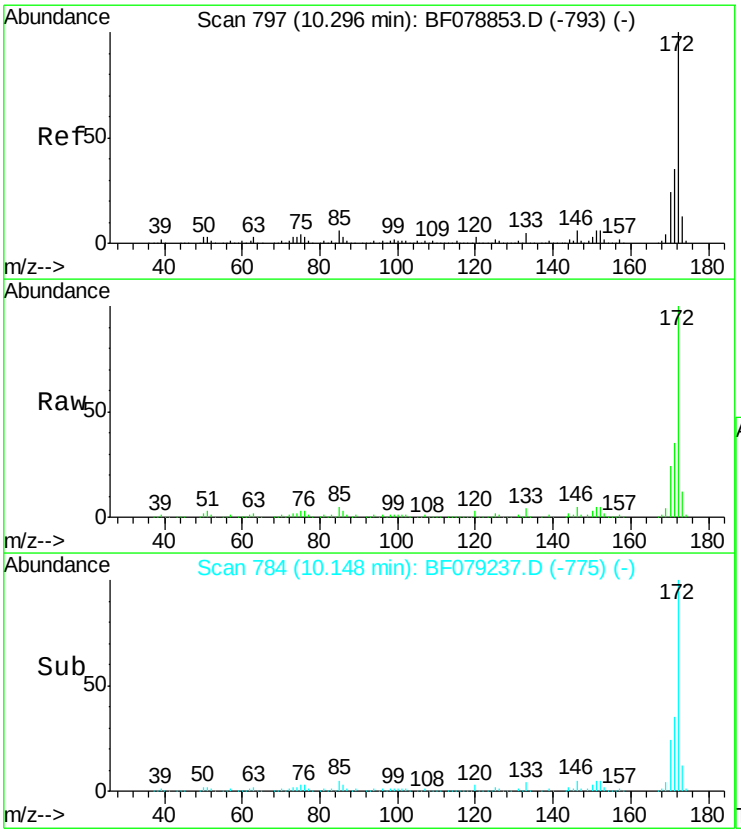
#41
2,4,6-Tribromophenol
Concen: 86.32 ng
RT: 11.95 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion:330 Resp: 123459

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	35.4	27.8	41.8

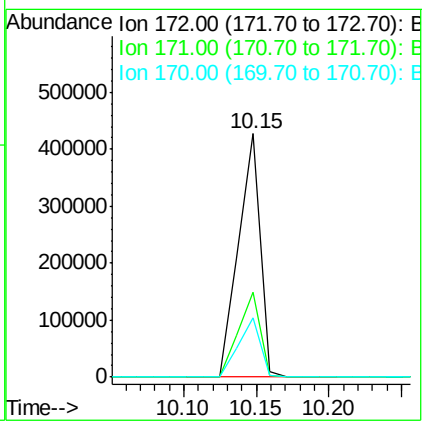


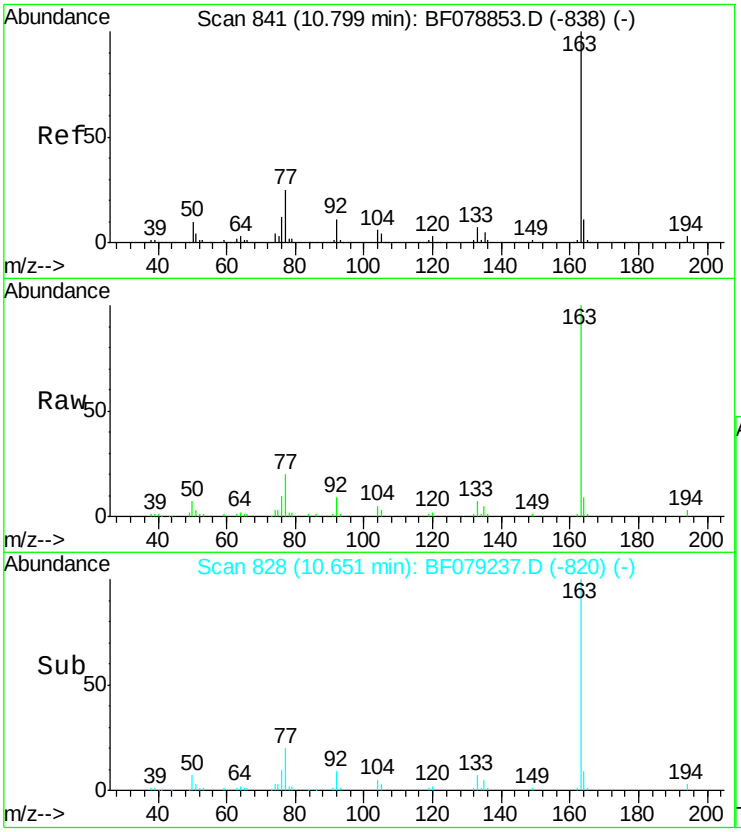


#44
2-Fluorobiphenyl
Concen: 47.00 ng
RT: 10.15 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:172 Resp: 445971

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	24.1	19.4	29.2



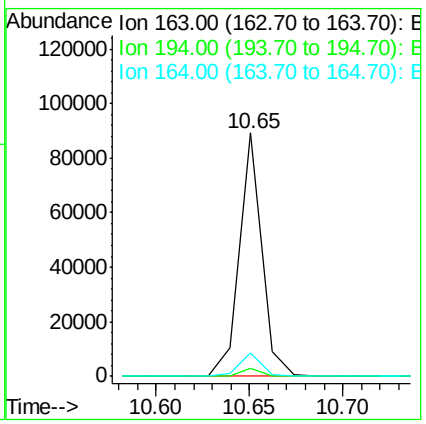


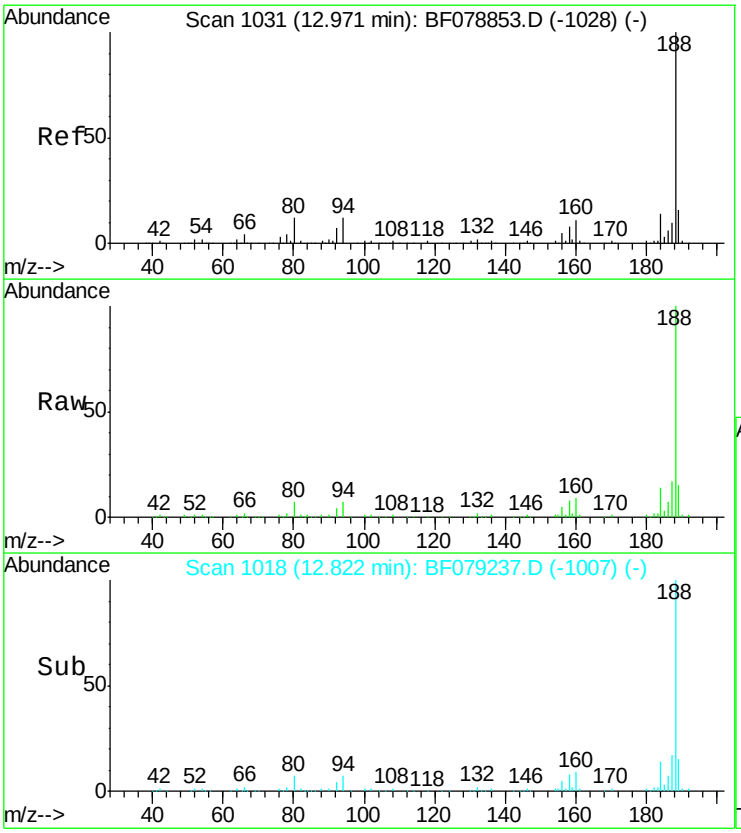
#49
Dimethylphthalate
Concen: 7.71 ng
RT: 10.65 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion:163 Resp: 74830

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.4	3.6
164	9.4	8.6	12.8

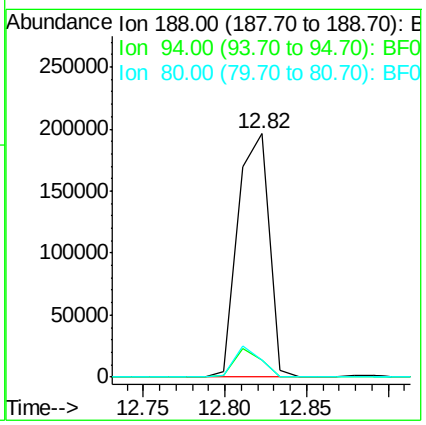


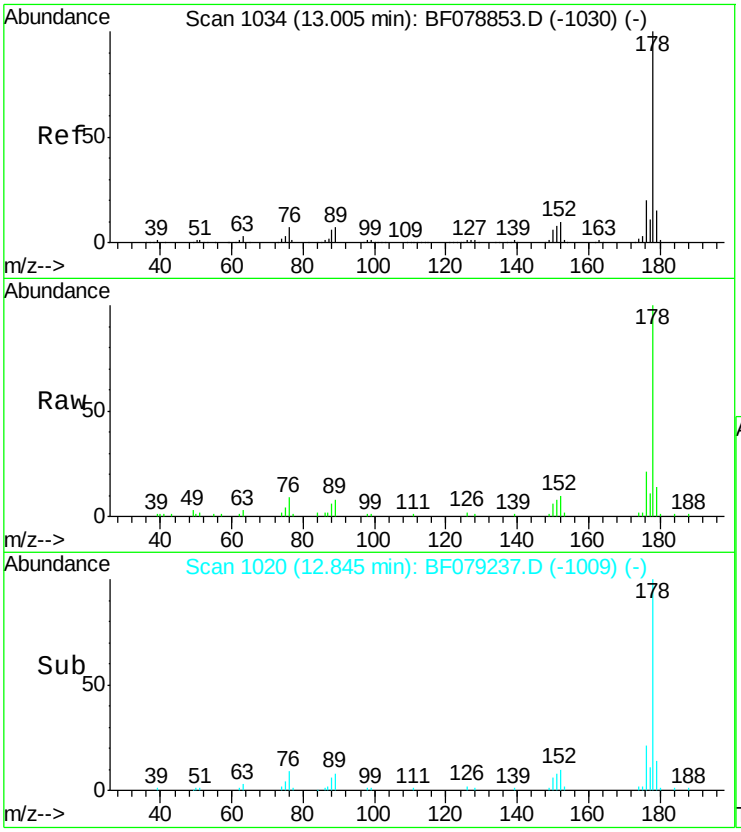


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:188 Resp: 257655

Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.4	14.0#
80	6.8	9.8	14.6#



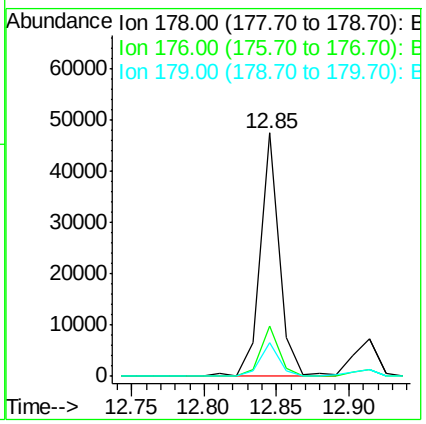


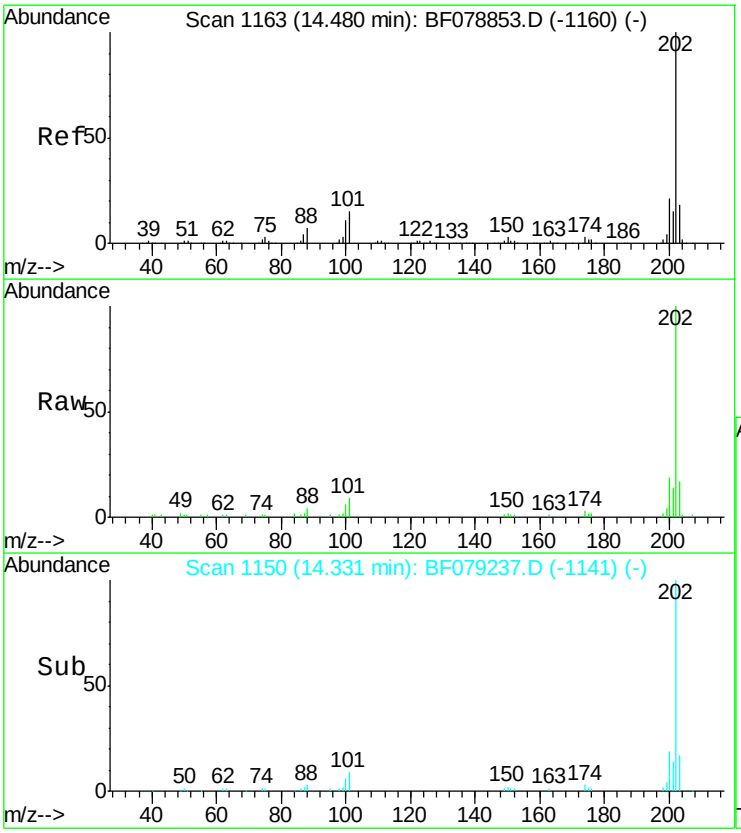
#70
Phenanthrene
Concen: 3.03 ng
RT: 12.85 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion:178 Resp: 43608

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.9	23.9
179	14.1	12.2	18.4

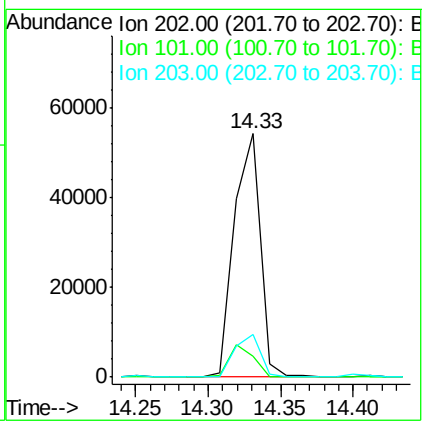


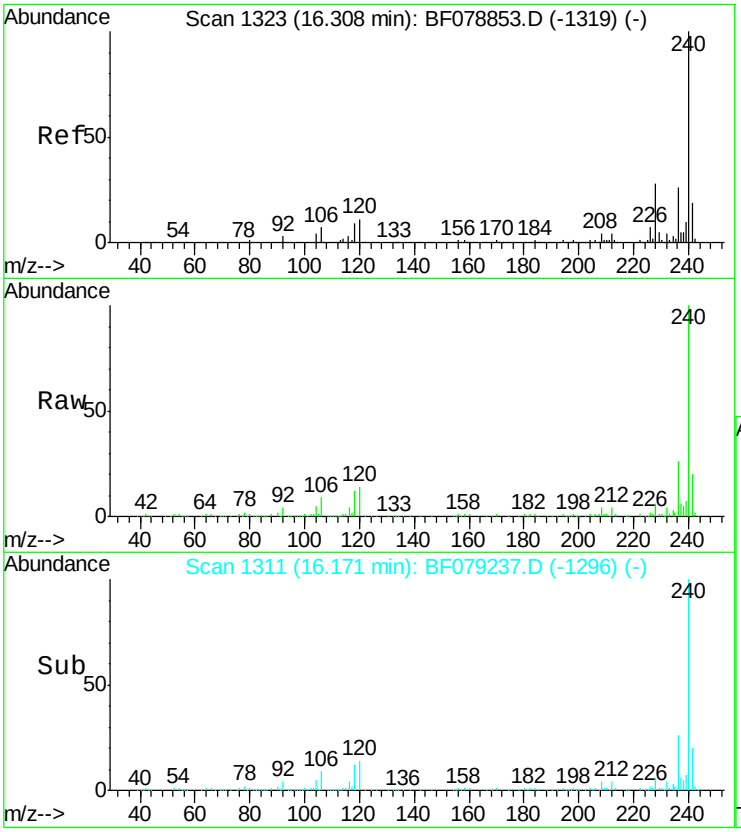


#74
Fluoranthene
Concen: 4.51 ng
RT: 14.33 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:202 Resp: 67694

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	34.7
203	17.3	0.0	37.9



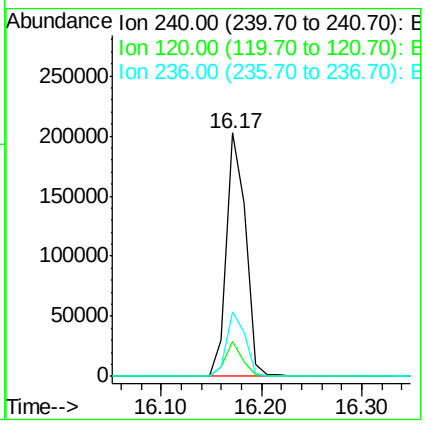


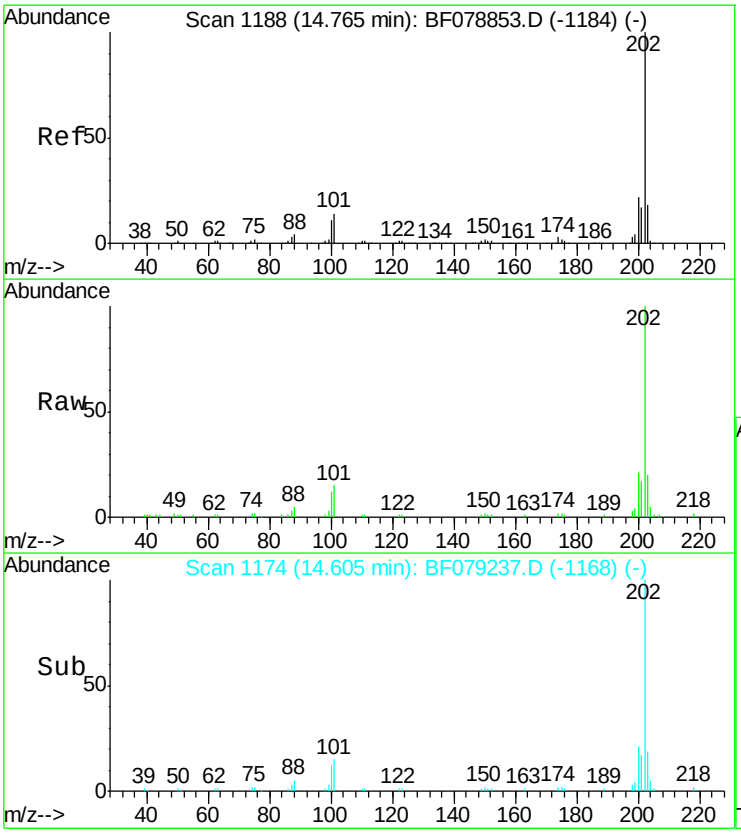
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.33 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion:240 Resp: 268237

Ion	Ratio	Lower	Upper
240	100		
120	14.5	8.6	12.8#
236	26.2	21.0	31.6

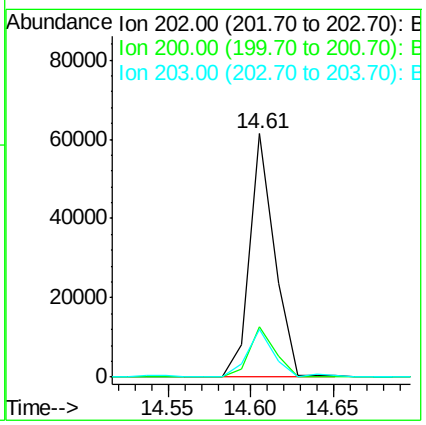


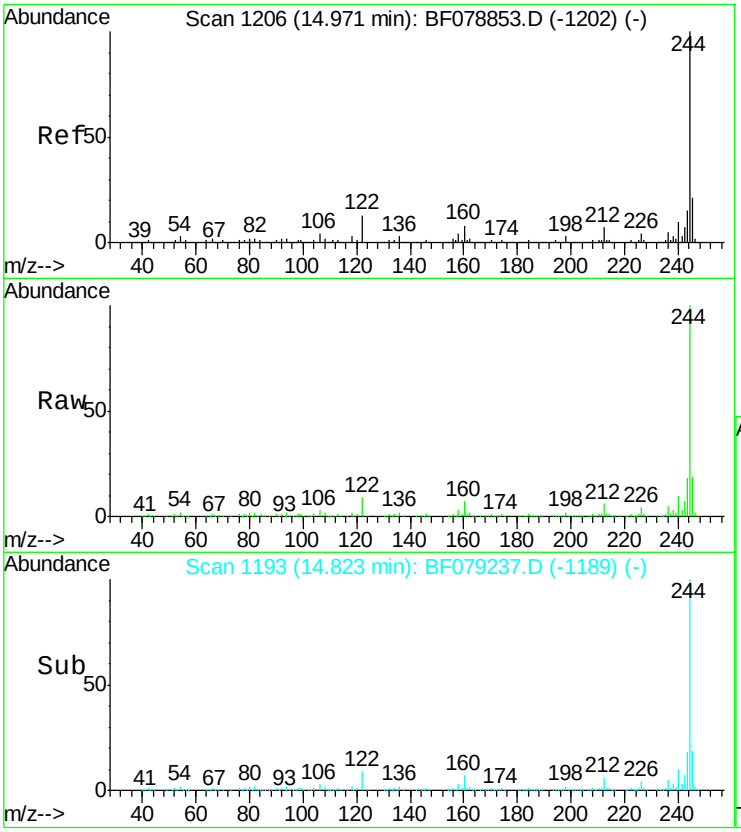


#77
Pyrene
Concen: 4.19 ng m
RT: 14.61 min Scan# 1174
Delta R.T. -0.08 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:202 Resp: 64793

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	19.7	14.7	22.1



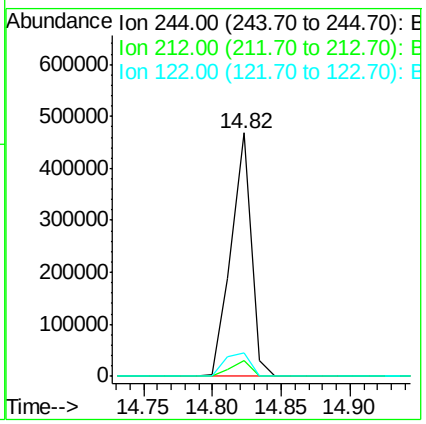


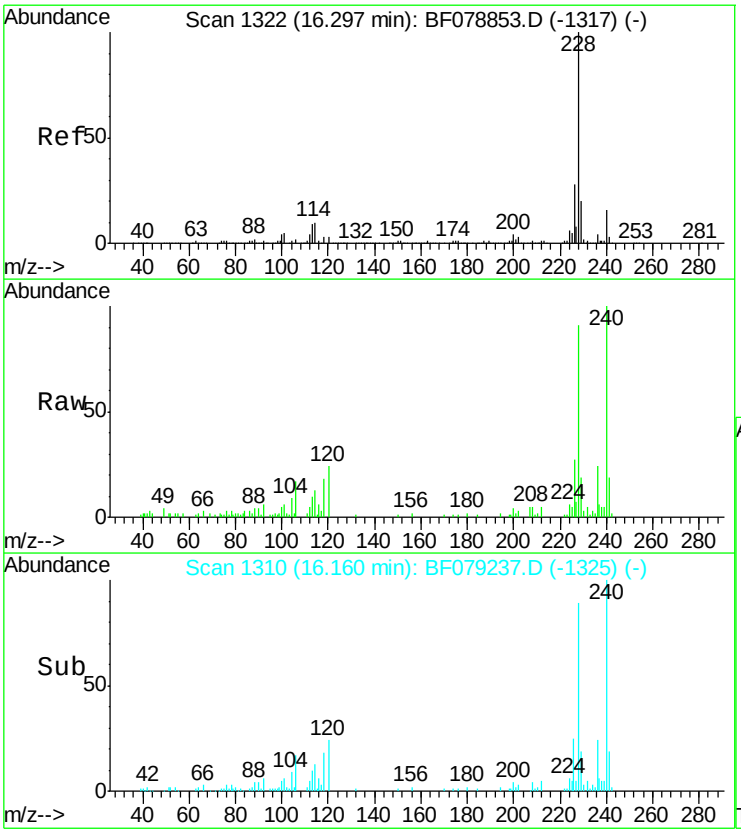
#78
Terphenyl-d14
Concen: 42.47 ng m
RT: 14.82 min Scan# 1193
Delta R.T. -0.10 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion:244 Resp: 475864

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	9.4	10.5	15.7#

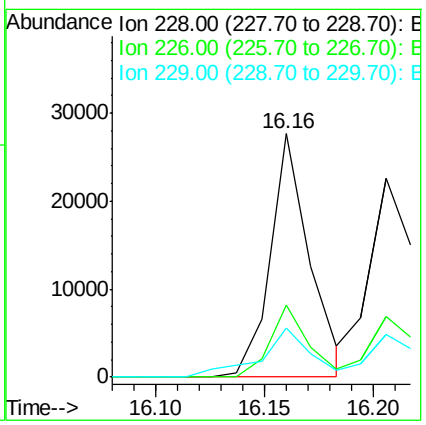


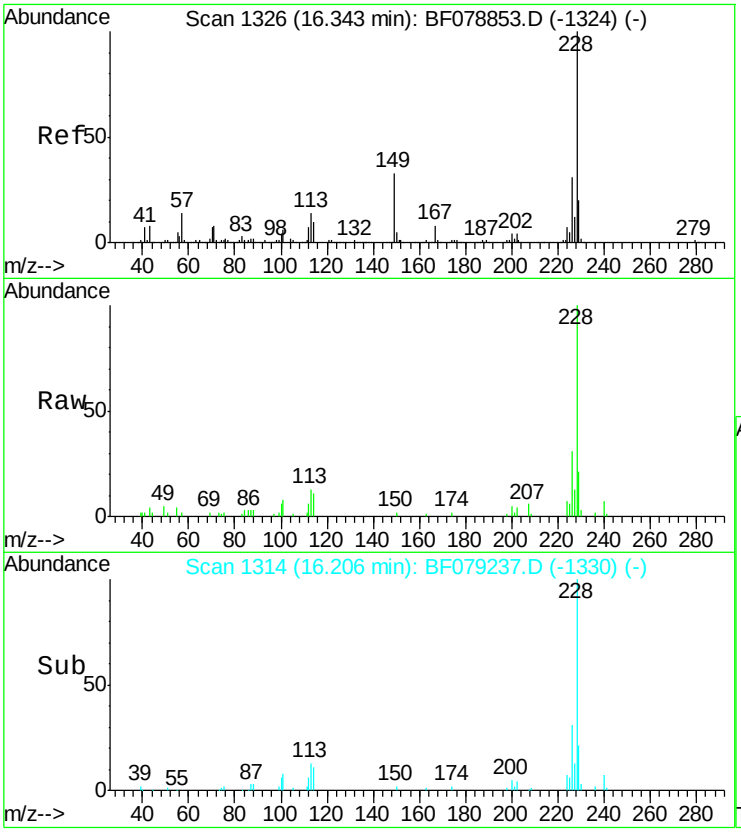


#80
Benzo(a)anthracene
Concen: 2.37 ng
RT: 16.16 min Scan# 1310
Delta R.T. -0.33 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:228 Resp: 34810

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.3	33.5
229	20.4	16.1	24.1



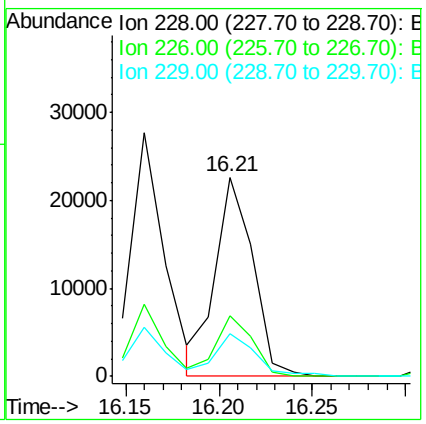


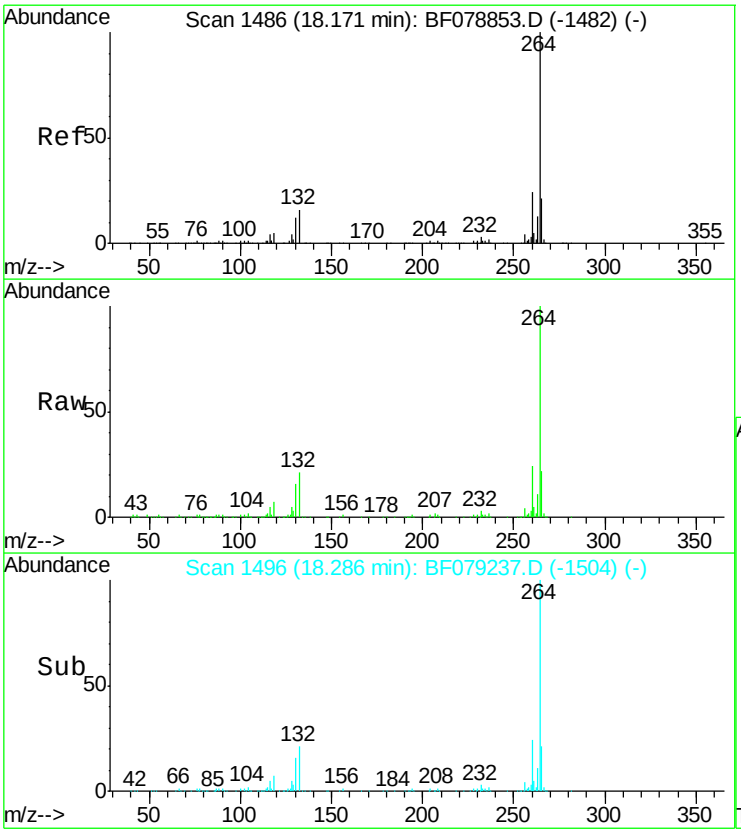
#82
Chrysene
Concen: 2.25 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.34 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion:228 Resp: 31813

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	21.3	16.1	24.1

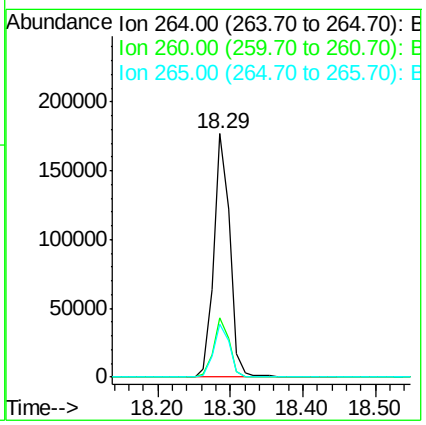


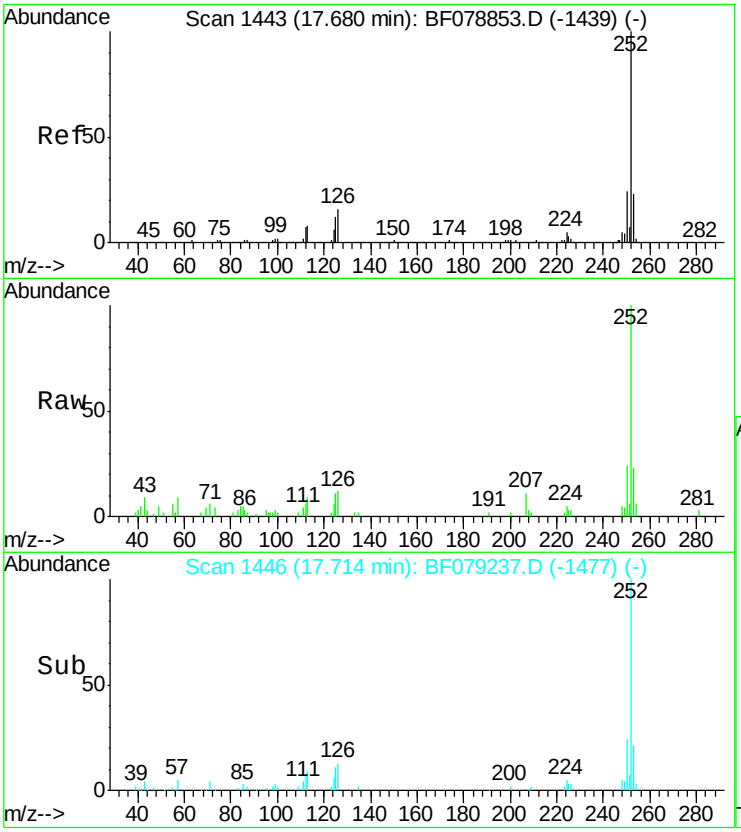


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 1496
Delta R.T. -0.59 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:264 Resp: 271646

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.2	25.8



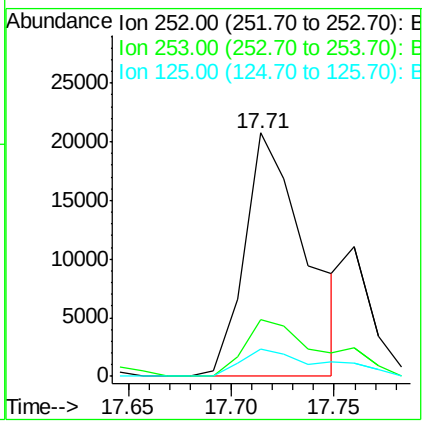


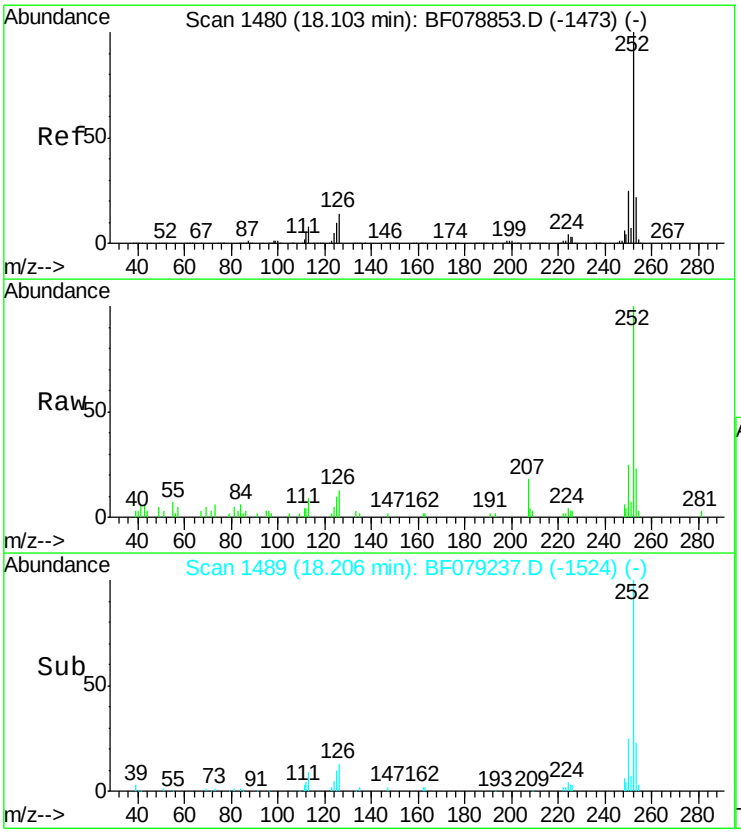
#87
Benzo(b)fluoranthene
Concen: 2.90 ng m
RT: 17.71 min Scan# 1446
Delta R.T. -0.54 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion:252 Resp: 43055

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.2	9.4	14.2





#89
Benzo(a)pyrene
Concen: 2.23 ng
RT: 18.21 min Scan# 1489
Delta R.T. -0.58 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:252 Resp: 30504

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.3	8.2	12.2