Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079161.D
Acq On : 12 May 2015 16:53
Operator : TP/IZ
Sample : G2155-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-42D

Quant Time: May 13 11:49:05 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	65917	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	275885	20.00	ng		0.00
38) Acenaphthene-d10	11.03	164	137095	20.00	ng		-0.01
63) Phenanthrene-d10	12.88	188	261039	20.00	ng		0.00
75) Chrysene-d12	16.21	240	270620	20.00	ng		0.01
86) Perylene-d12	18.01	264	295591	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	303303	79.20	ng		0.01
7) Phenol-d6	6.84	99	398611	78.75	ng		0.00
23) Nitrobenzene-d5	7.98	82	225427	46.96	ng		0.00
41) 2,4,6-Tribromophenol	12.01	330	110879	74.76	ng		0.00
44) 2-Fluorobiphenyl	10.20	172	421912	42.88	ng		0.00
78) Terphenyl-d14	14.88	244	432873	38.30	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.71	163	21084	2.10	ng		99
70) Phenanthrene	12.90	178	87416	5.99	ng		98
74) Fluoranthene	14.39	202	97993	6.44	ng		92
77) Pyrene	14.66	202	103816	6.66	ng		97
80) Benzo(a)anthracene	16.19	228	47880m	3.23	ng		
82) Chrysene	16.24	228	43795m	3.07	ng		
87) Benzo(b)fluoranthene	17.54	252	57601m	3.56	ng		
89) Benzo(a)pyrene	17.94	252	49646	3.33	ng	#	94
91) Benzo(g,h,i)perylene	19.91	276	35262	2.22	ng		94

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

Quantitation Report (LSC Reviewed)

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Acq On : 12 May 2015 16:53
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Misc :
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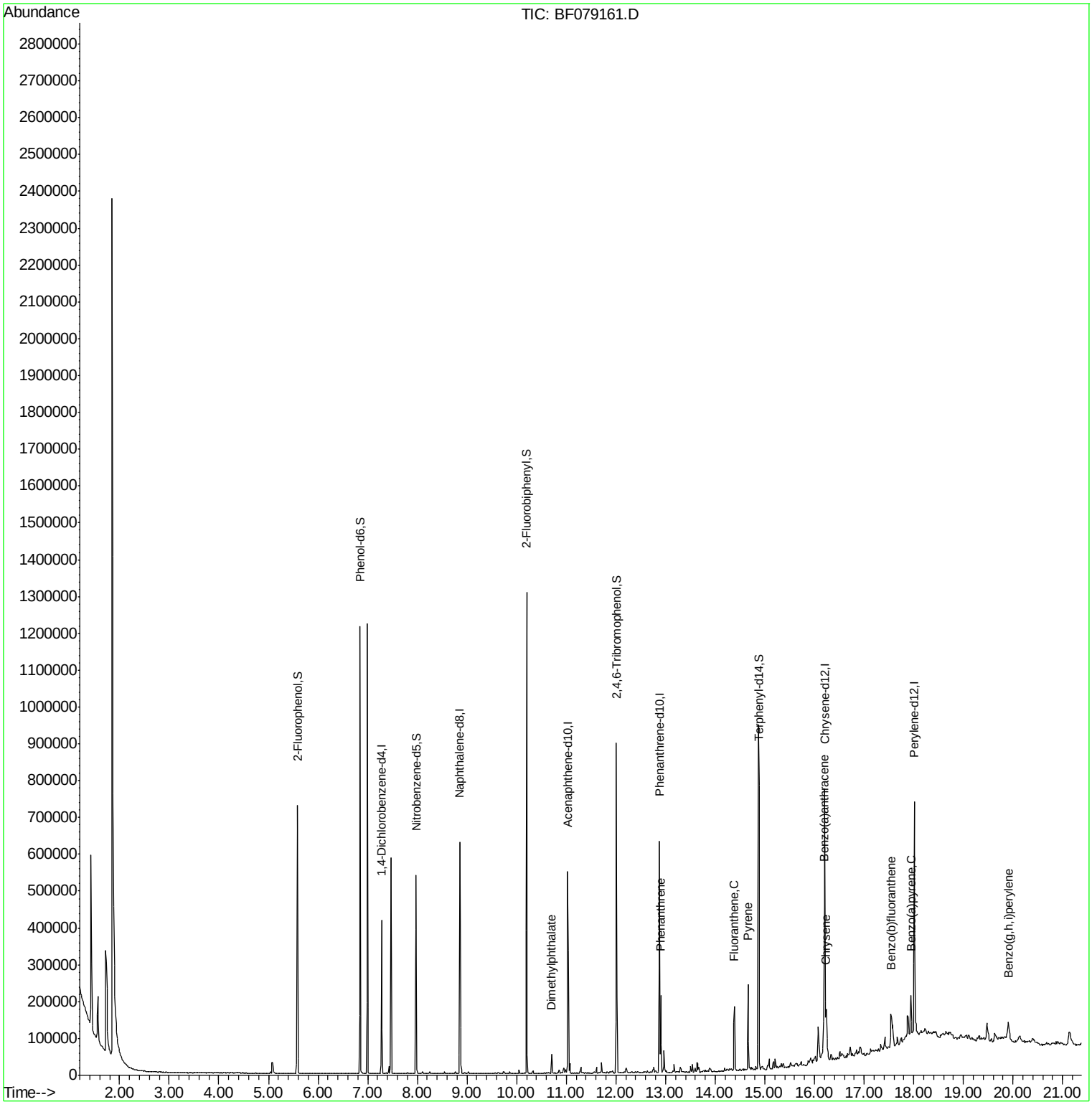
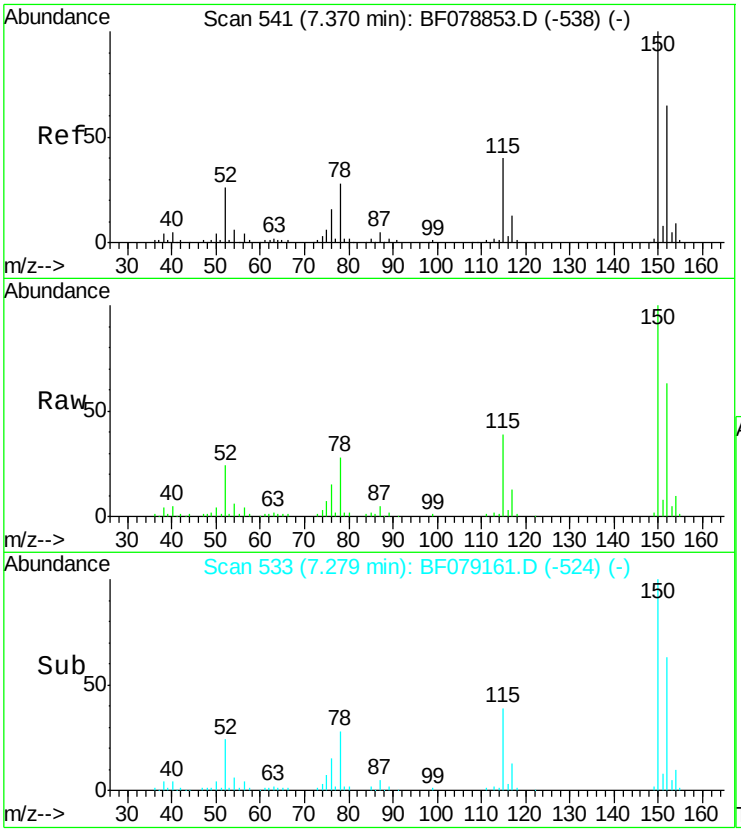


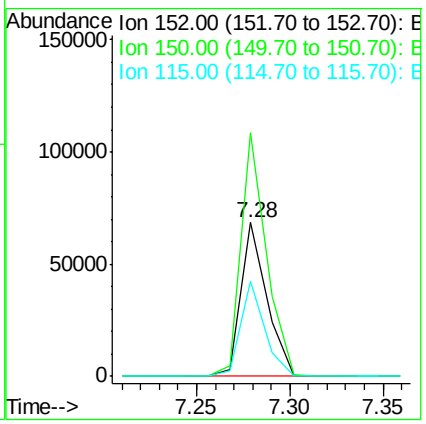


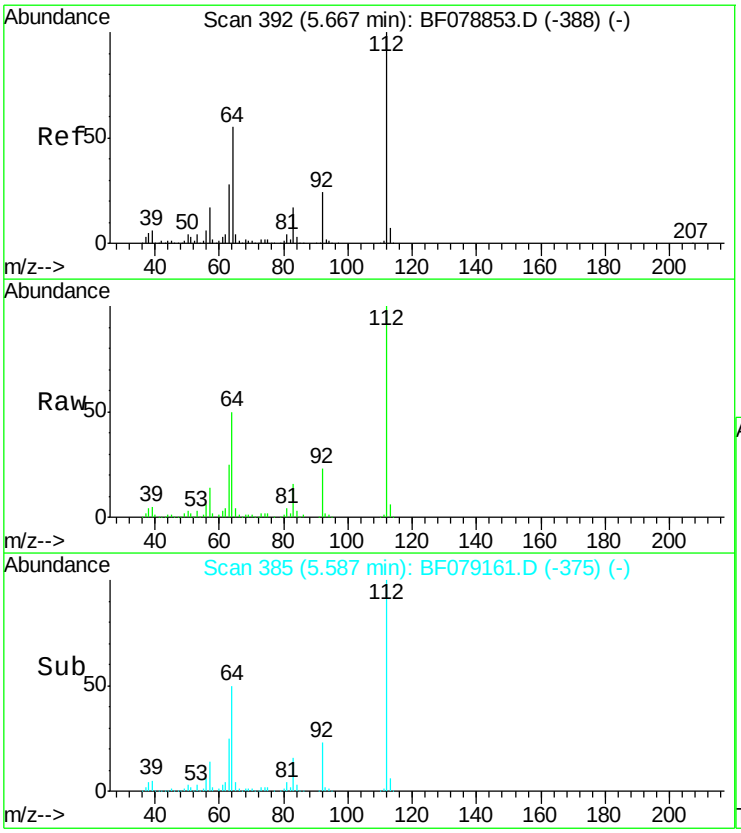
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Instrument :
BNA_F
ClientSampleId :
SB-42D

Tgt Ion:152 Resp: 65917

Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.0	183.0
115	62.2	46.3	69.5

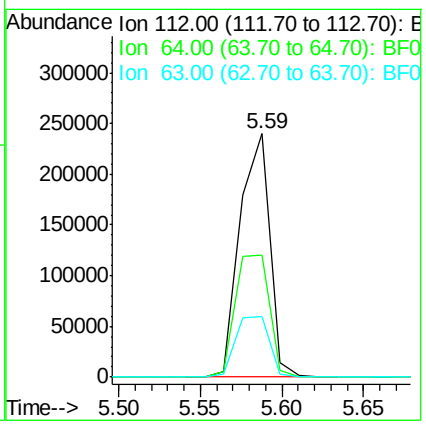


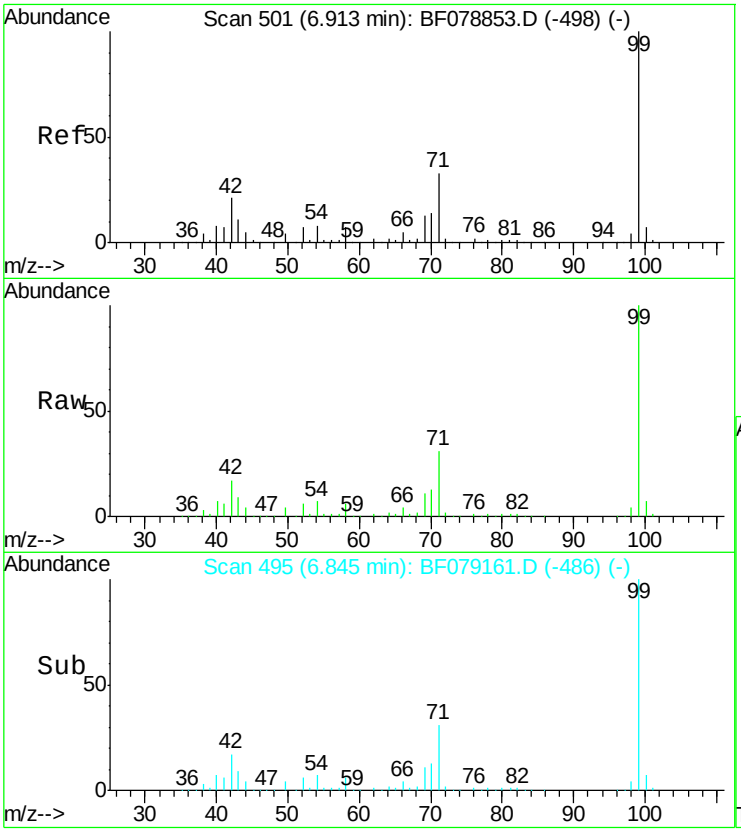


#5
2-Fluorophenol
Concen: 79.20 ng
RT: 5.59 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Tgt Ion:112 Resp: 303303

Ion	Ratio	Lower	Upper
112	100		
64	50.4	53.5	80.3#
63	24.7	27.5	41.3#



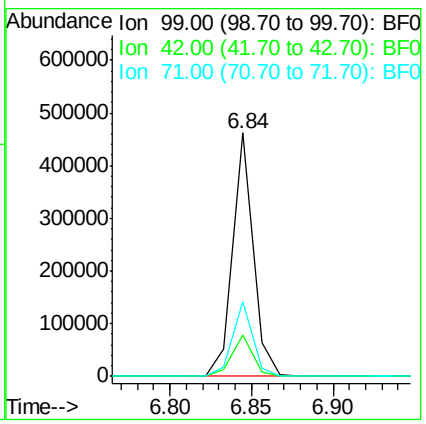


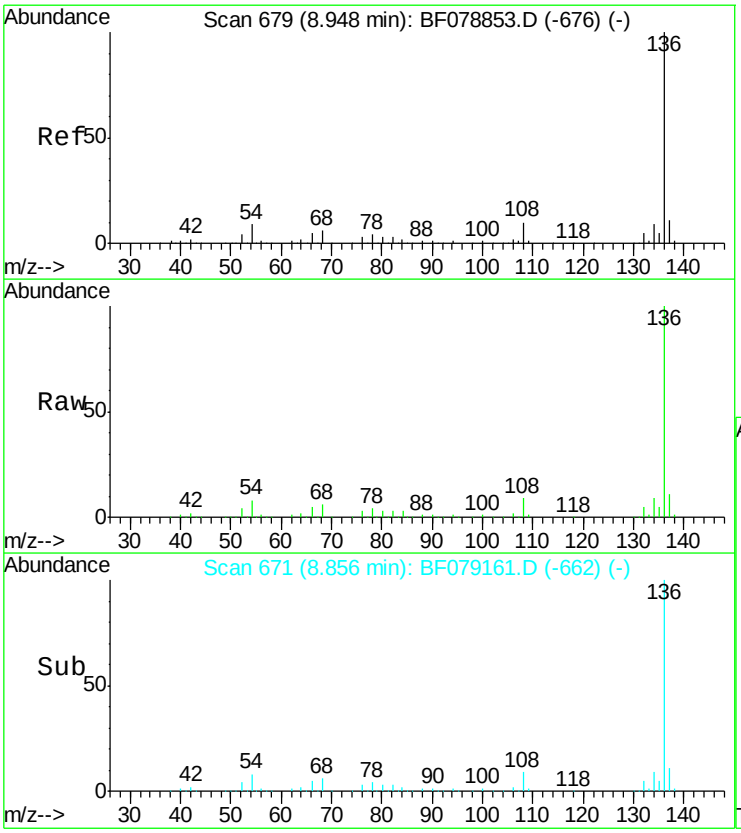
#7
Phenol-d6
Concen: 78.75 ng
RT: 6.84 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Instrument :
BNA_F
ClientSampleId :
SB-42D

Tgt Ion: 99 Resp: 398611

Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.8	19.2
71	30.7	23.4	35.2

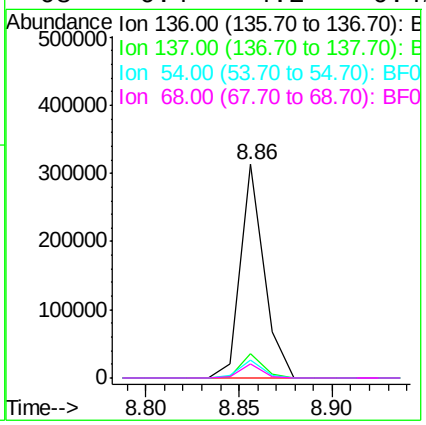


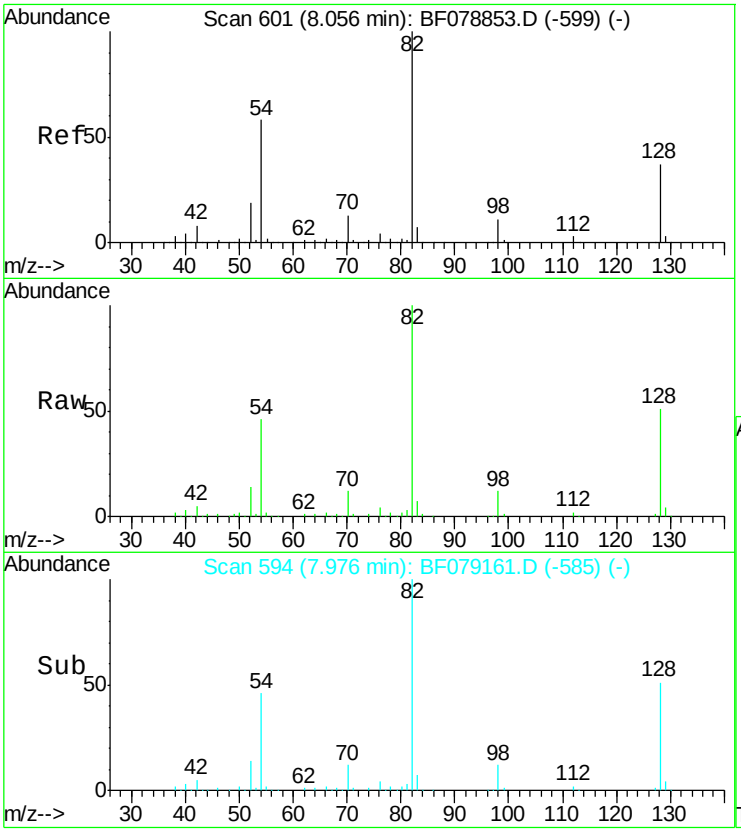


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Tgt Ion:136 Resp: 275885

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.5	5.8	8.8
68	6.4	4.2	6.4#



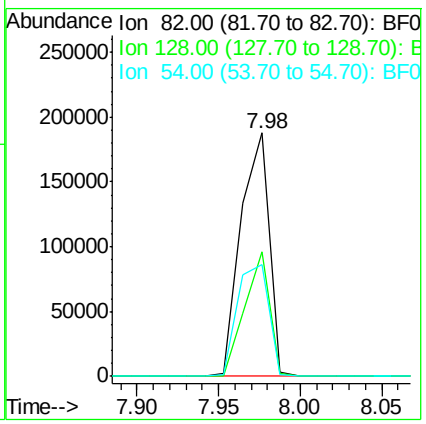


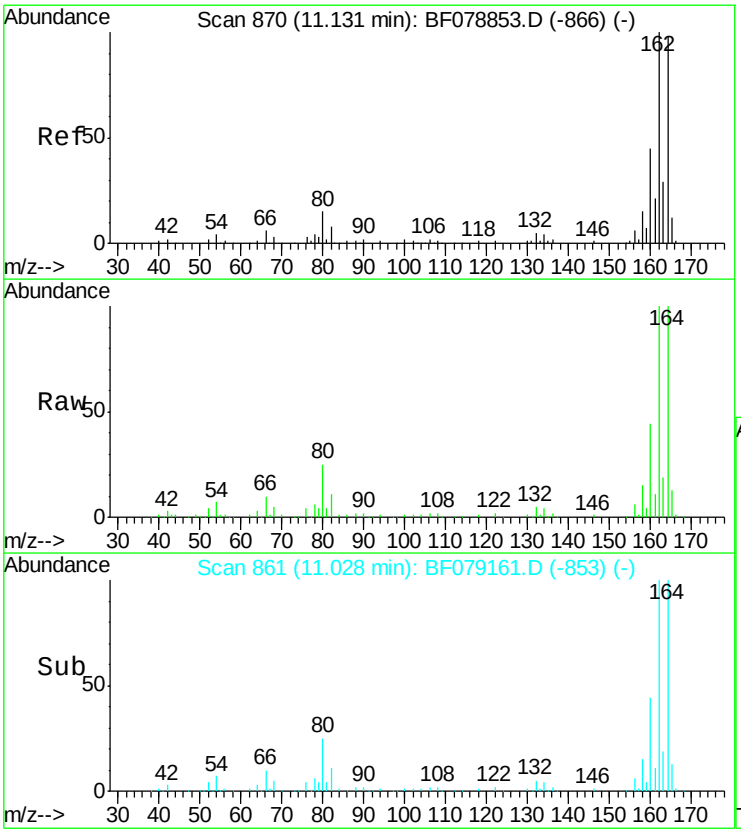
#23
Nitrobenzene-d5
Concen: 46.96 ng
RT: 7.98 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Instrument :
BNA_F
ClientSampleId :
SB-42D

Tgt Ion: 82 Resp: 225427

Ion	Ratio	Lower	Upper
82	100		
128	51.0	30.0	45.0#
54	45.7	46.4	69.6#

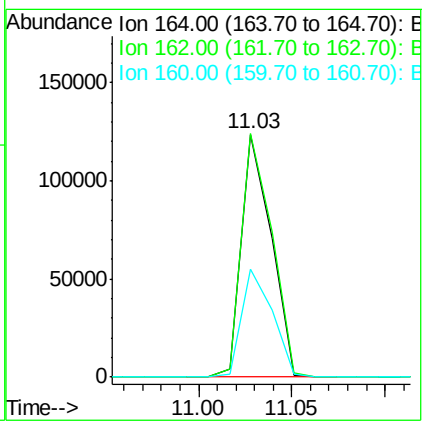


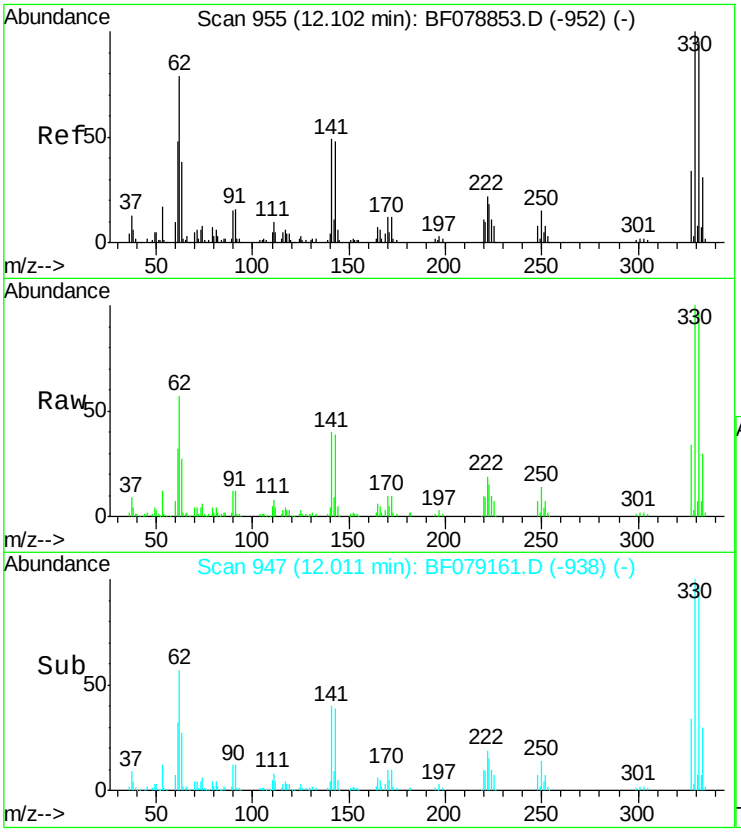


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Tgt Ion:164 Resp: 137095

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.7	124.1
160	44.4	35.8	53.8



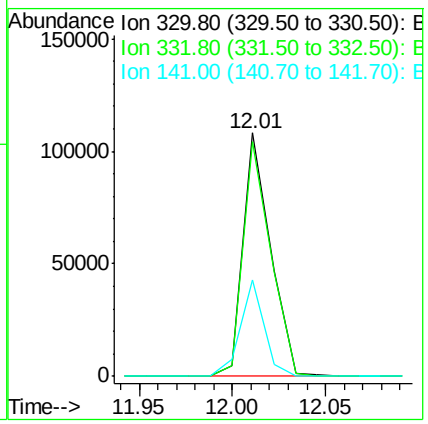


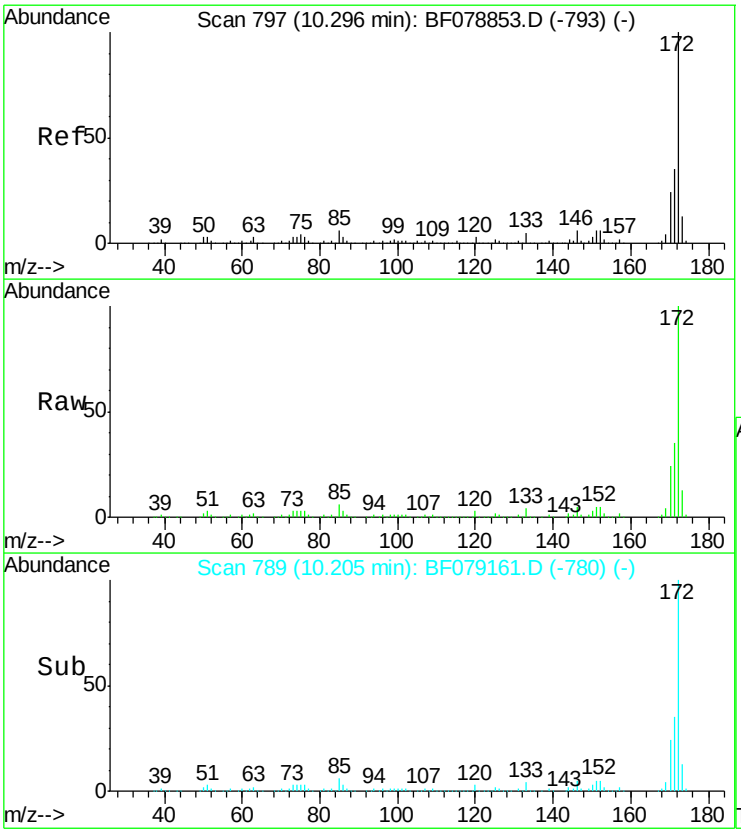
#41
2,4,6-Tribromophenol
Concen: 74.76 ng
RT: 12.01 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Instrument :
BNA_F
ClientSampleId :
SB-42D

Tgt Ion:330 Resp: 110879

Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	34.6	0.0	0.0#

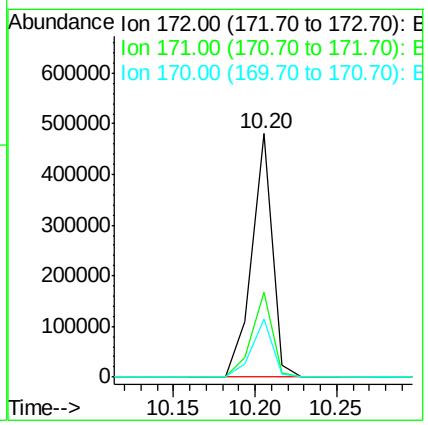


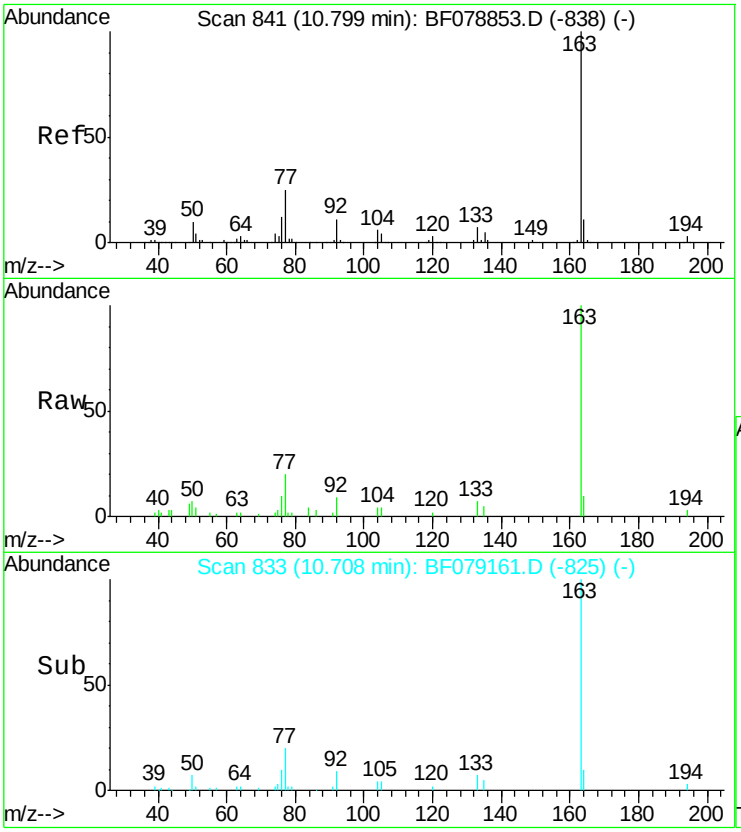


#44
2-Fluorobiphenyl
Concen: 42.88 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Tgt Ion:172 Resp: 421912

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.6	19.4	29.0



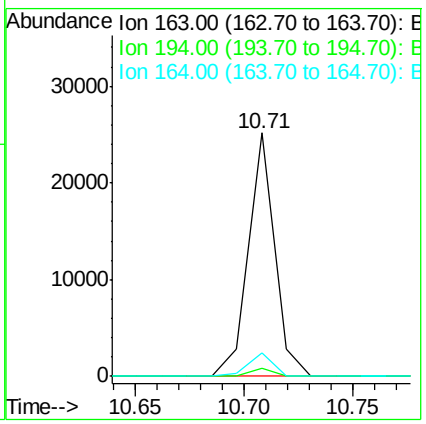


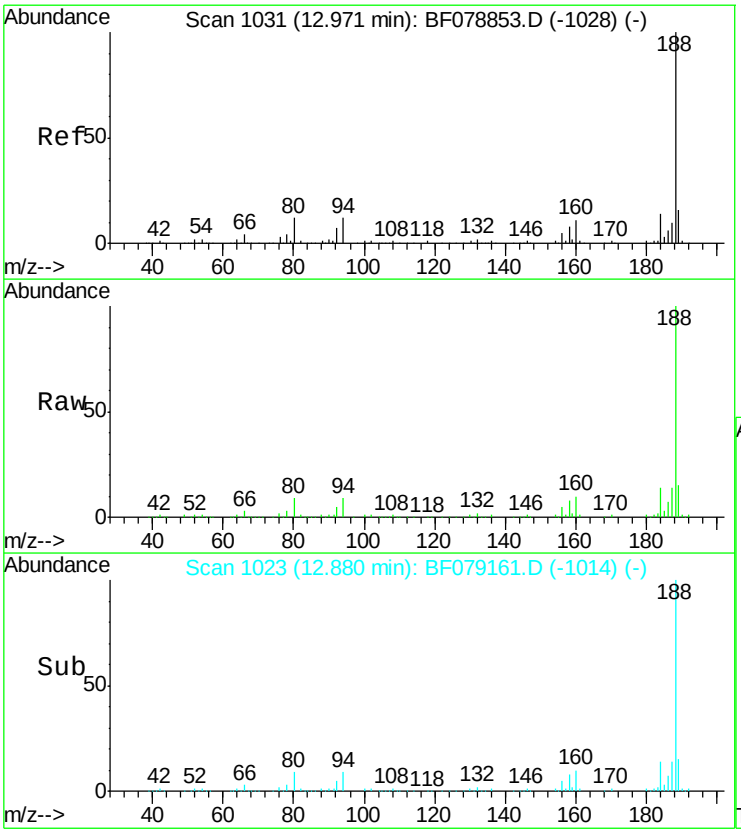
#49
Dimethylphthalate
Concen: 2.10 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Instrument :
BNA_F
ClientSampleId :
SB-42D

Tgt Ion:163 Resp: 21084

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.1	12.1

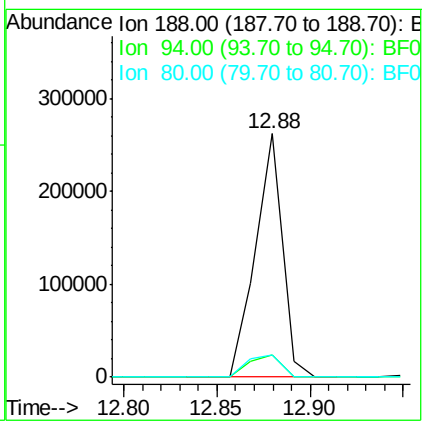


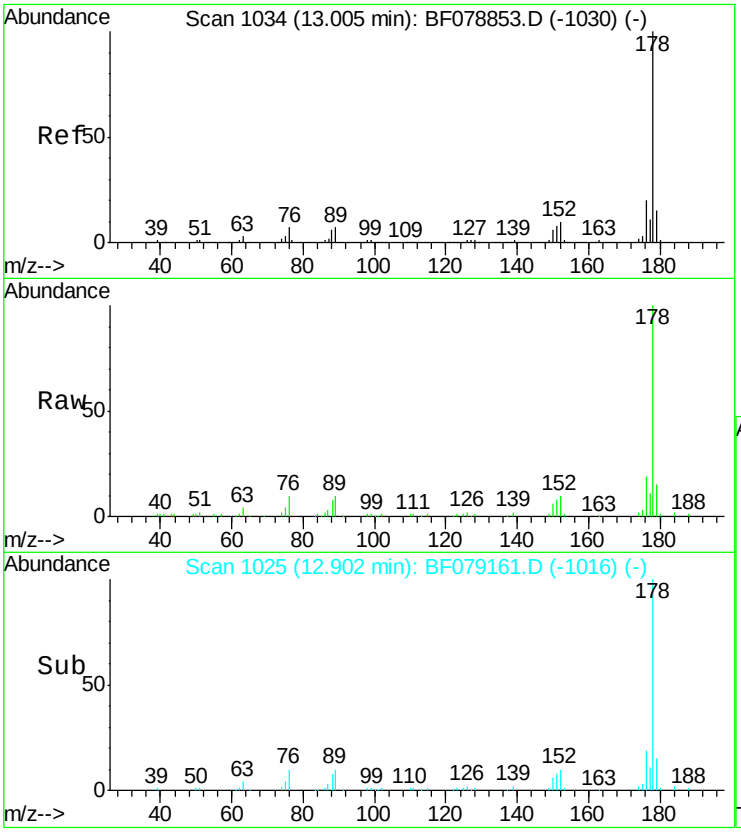


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Tgt Ion:188 Resp: 261039

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.0	8.9	13.3



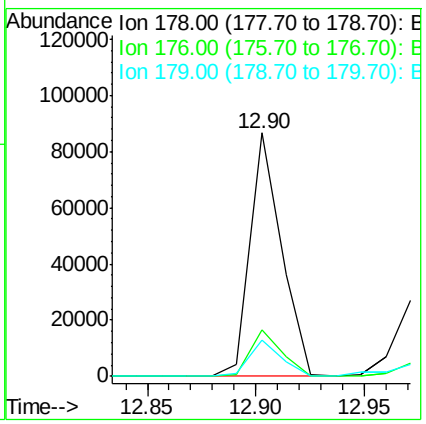


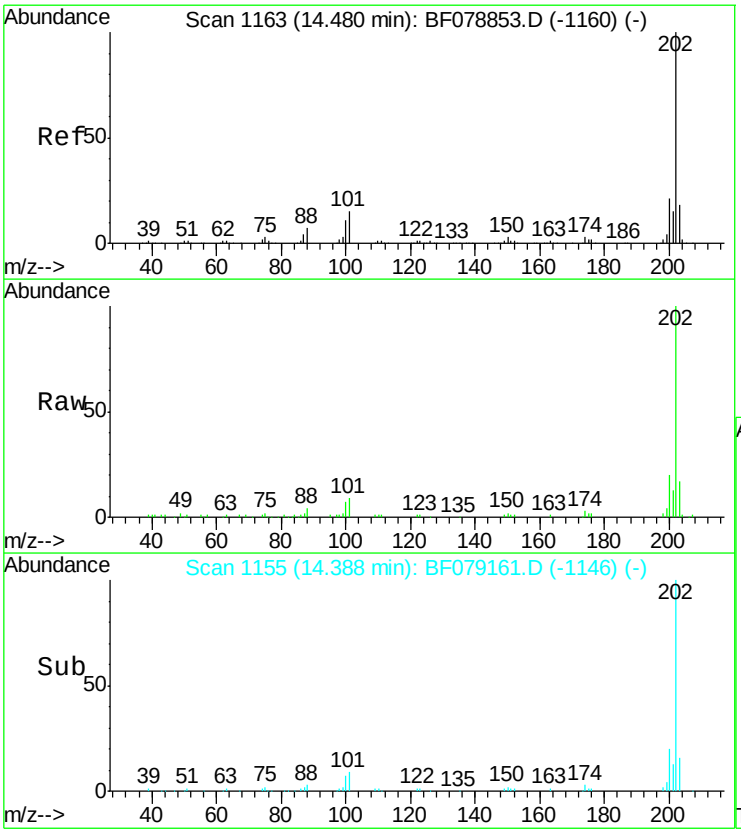
#70
Phenanthrene
Concen: 5.99 ng
RT: 12.90 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Instrument :
BNA_F
ClientSampleId :
SB-42D

Tgt Ion:178 Resp: 87416

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.0	12.5	18.7

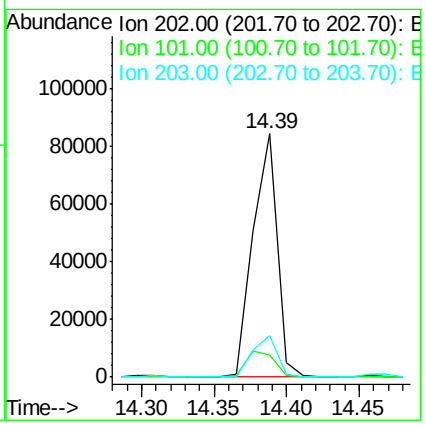


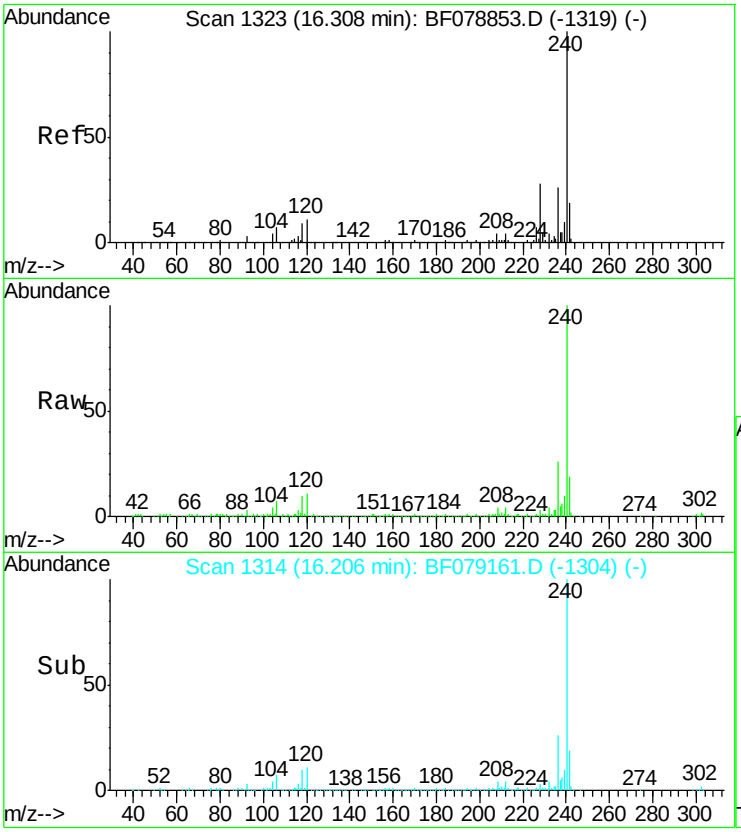


#74
Fluoranthene
Concen: 6.44 ng
RT: 14.39 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Tgt Ion:202 Resp: 97993

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	34.6
203	16.8	0.0	38.4



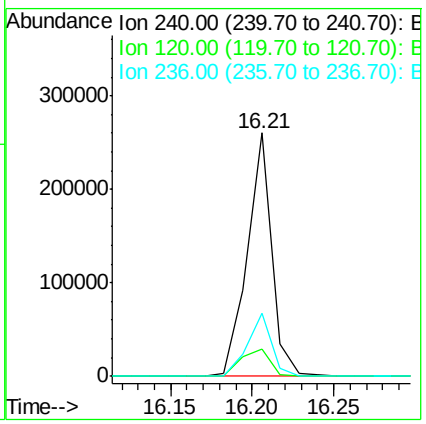


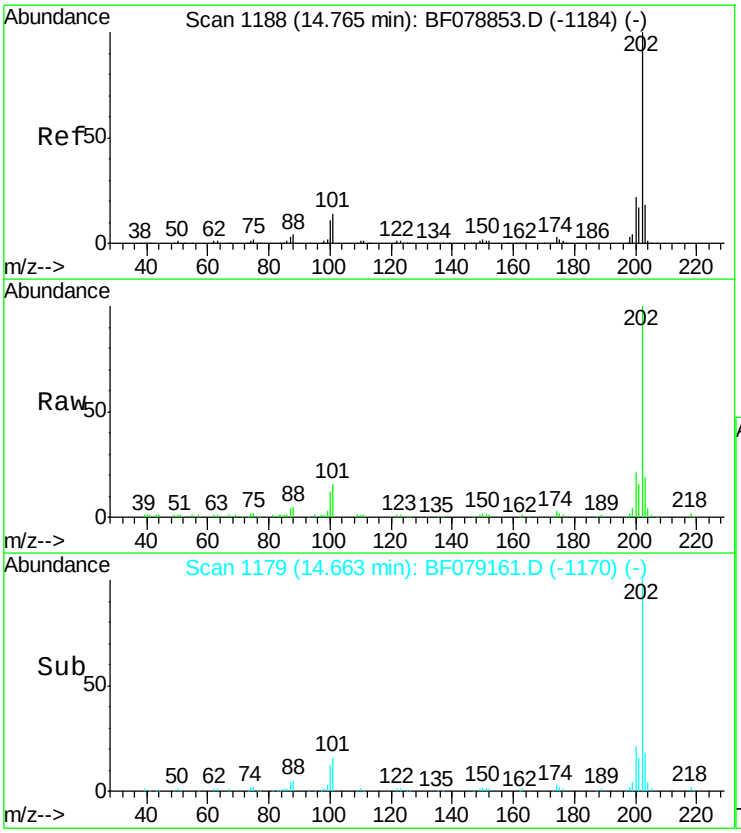
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Instrument :
BNA_F
ClientSampleId :
SB-42D

Tgt Ion:240 Resp: 270620

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.7	14.5
236	26.1	20.2	30.4

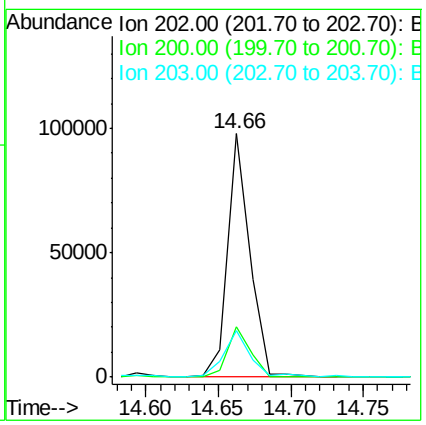


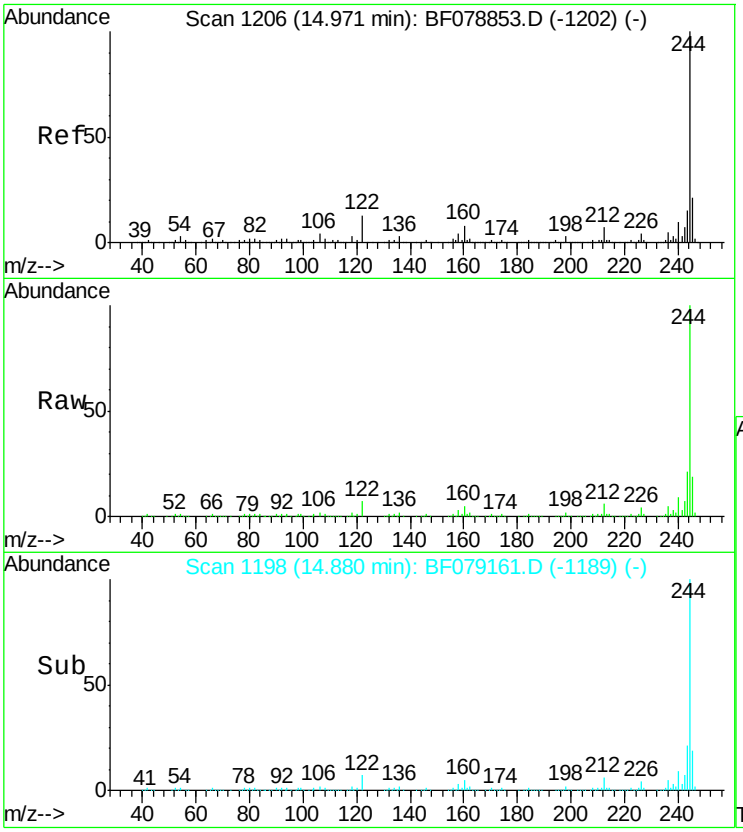


#77
Pyrene
Concen: 6.66 ng
RT: 14.66 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Tgt Ion:202 Resp: 103816

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.5	26.3
203	19.1	13.9	20.9



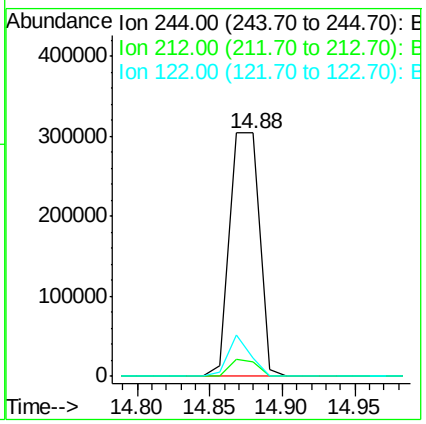


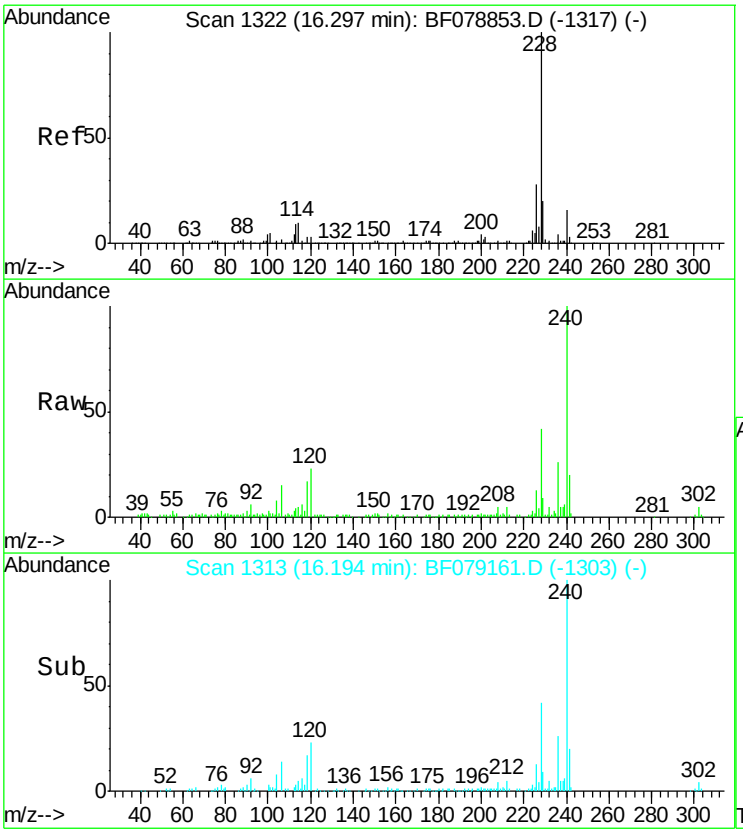
#78
Terphenyl-d14
Concen: 38.30 ng
RT: 14.88 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Instrument :
BNA_F
ClientSampleId :
SB-42D

Tgt Ion:244 Resp: 432873

Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.6	8.4
122	7.5	10.3	15.5#

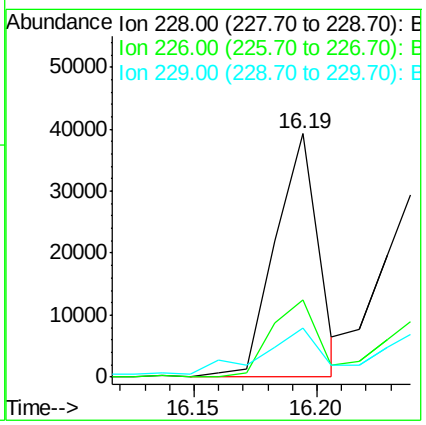


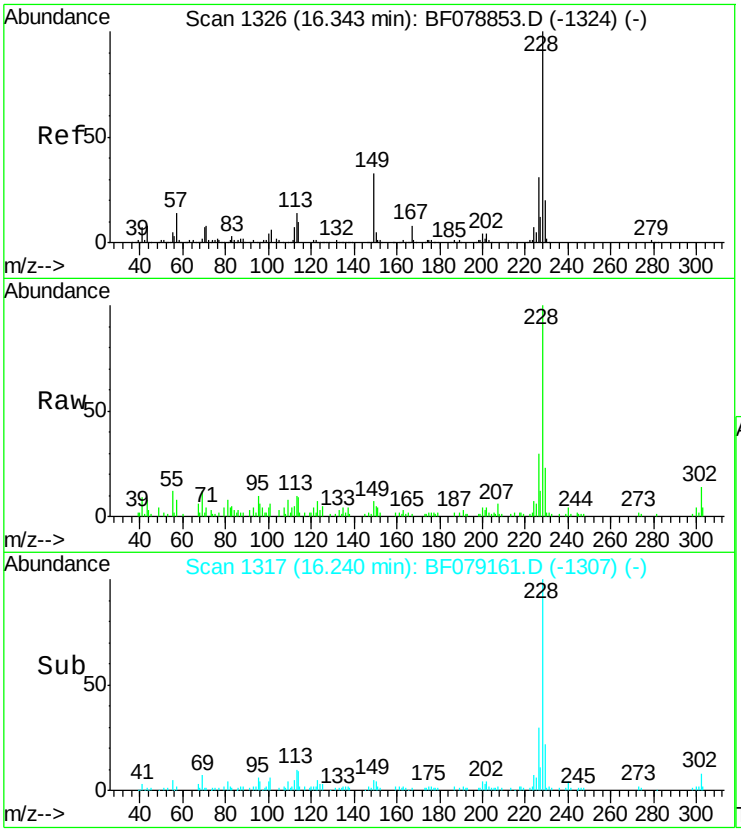


#80
Benzo(a)anthracene
Concen: 3.23 ng m
RT: 16.19 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Tgt Ion:228 Resp: 47880

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	33.8
229	20.3	15.9	23.9



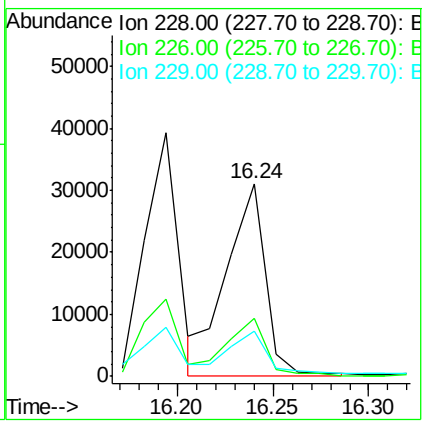


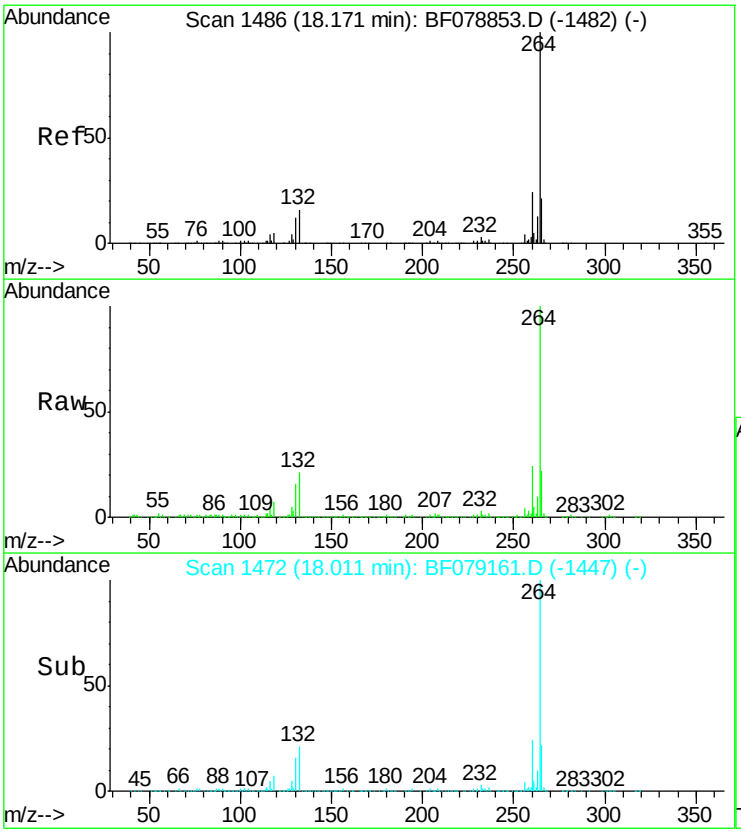
#82
Chrysene
Concen: 3.07 ng m
RT: 16.24 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Instrument :
BNA_F
ClientSampleId :
SB-42D

Tgt Ion:228 Resp: 43795

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	23.4	16.0	24.0

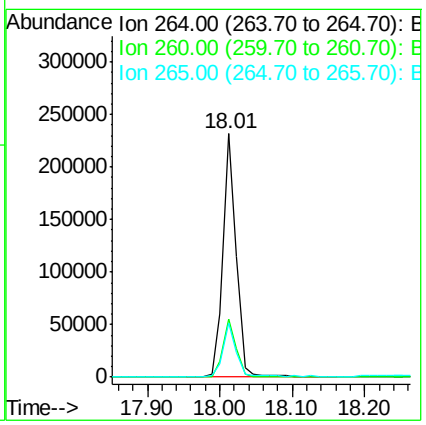


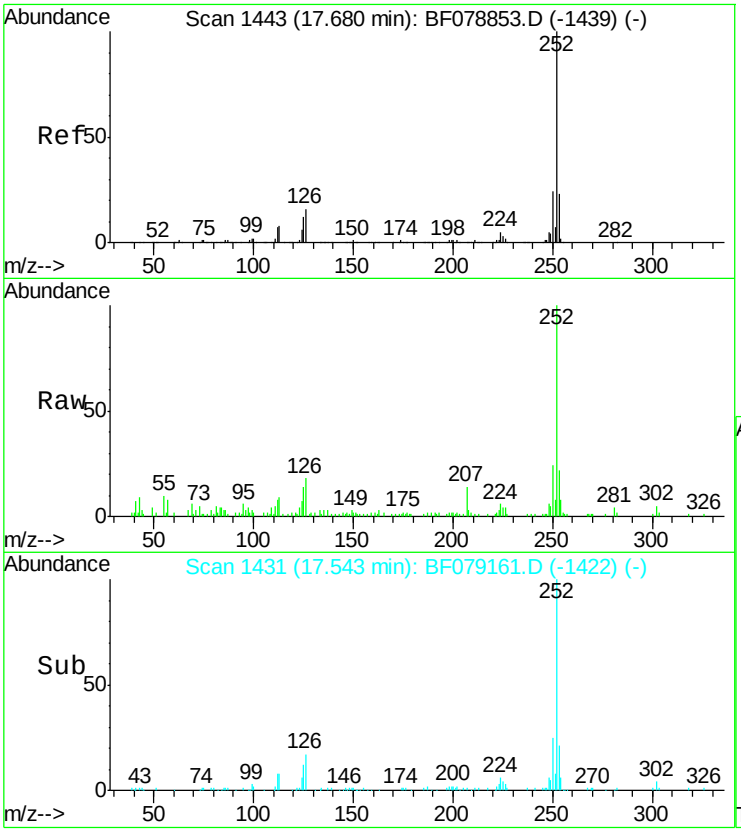


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Tgt Ion:264 Resp: 295591

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.0	18.3	27.5



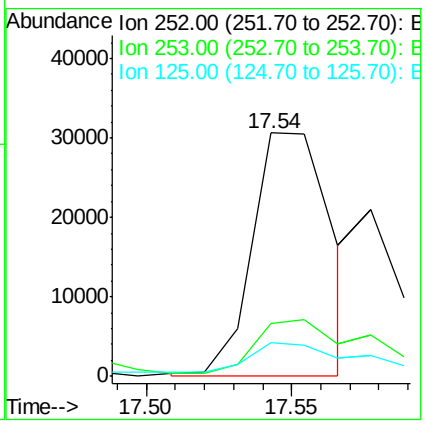


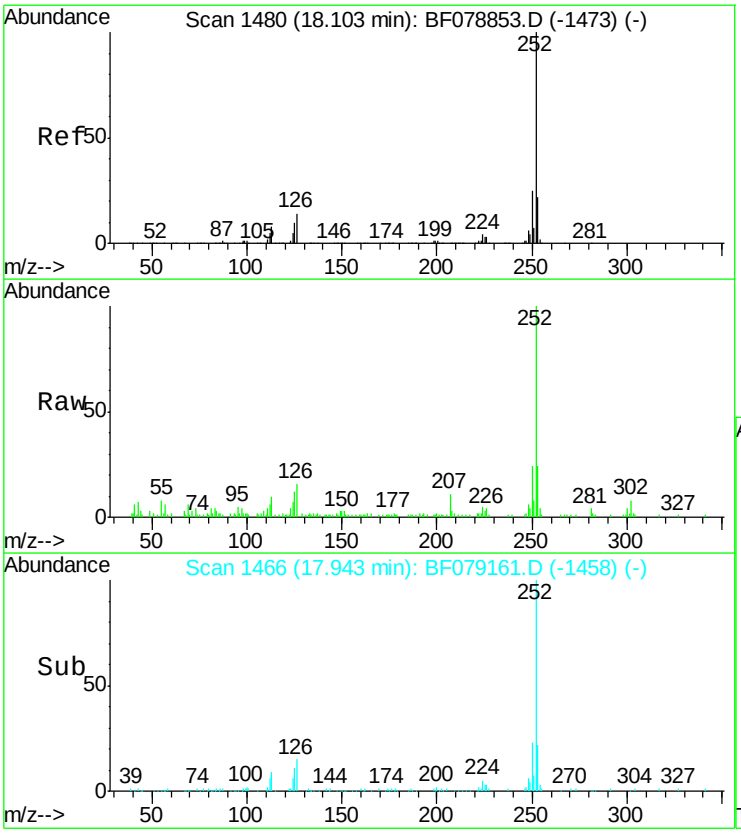
#87
Benzo(b)fluoranthene
Concen: 3.56 ng m
RT: 17.54 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Instrument :
BNA_F
ClientSampleId :
SB-42D

Tgt Ion:252 Resp: 57601

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	13.6	9.5	14.3

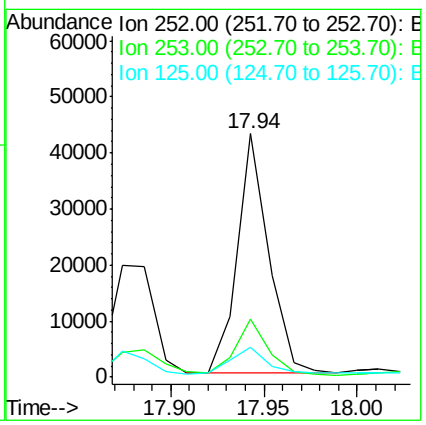


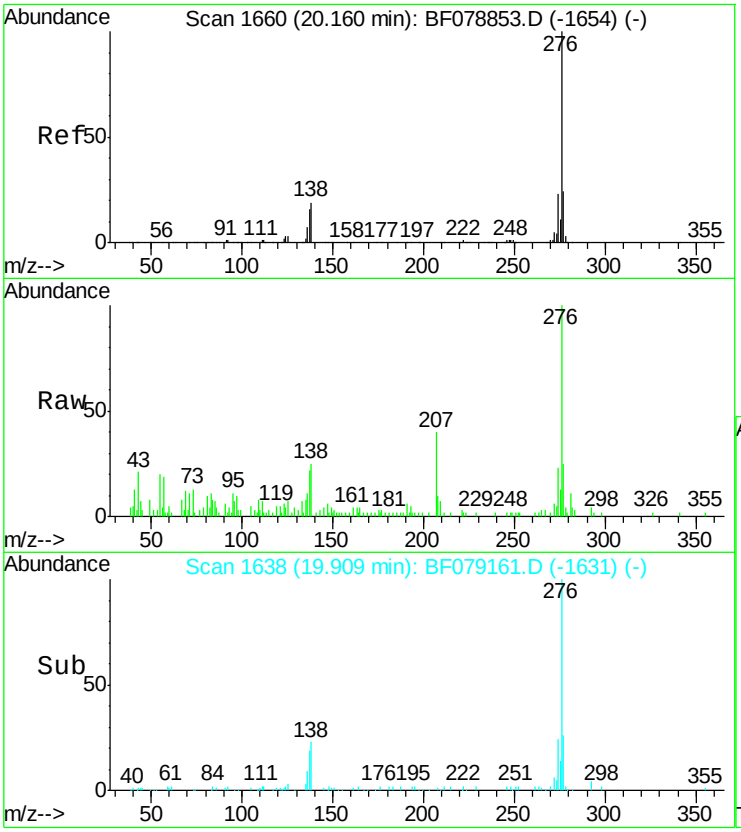


#89
Benzo(a)pyrene
Concen: 3.33 ng
RT: 17.94 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Tgt Ion:252 Resp: 49646

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	12.2	7.0	10.6#





#91
Benzo(g,h,i)perylene
Concen: 2.22 ng
RT: 19.91 min Scan# 1638
Delta R.T. -0.02 min
Lab File: BF079161.D
Acq: 12 May 2015 16:53

Instrument :
BNA_F
ClientSampleId :
SB-42D

Tgt Ion:276 Resp: 35262

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