Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079614.D
Acq On : 30 May 2015 20:39
Operator : TP/IZ
Sample : G2420-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PENRD8.2(4)

Quant Time: May 31 05:49:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	69262	20.00	ng		-0.02
21) Naphthalene-d8	8.51	136	278434	20.00	ng		-0.02
38) Acenaphthene-d10	10.67	164	133345	20.00	ng		-0.03
63) Phenanthrene-d10	12.50	188	243115	20.00	ng		-0.03
75) Chrysene-d12	15.78	240	261533	20.00	ng		-0.06
86) Perylene-d12	17.45	264	255488	20.00	ng		-0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	507919	127.19	ng		-0.02
7) Phenol-d6	6.54	99	661370	129.94	ng		-0.02
23) Nitrobenzene-d5	7.63	82	355514	73.81	ng		-0.03
41) 2,4,6-Tribromophenol	11.66	330	187608	128.09	ng		-0.03
44) 2-Fluorobiphenyl	9.86	172	730546	78.16	ng		-0.02
78) Terphenyl-d14	14.50	244	773437	69.40	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	200055	105.31	ng	#	100
9) Benzaldehyde	6.54	77	792	Below Cal		#	1
49) Dimethylphthalate	10.38	163	58583	5.96	ng		99
70) Phenanthrene	12.54	178	117301	8.79	ng		99
71) Anthracene	12.61	178	31286	2.31	ng		99
73) Di-n-butylphthalate	13.27	149	2092	Below Cal		#	55
74) Fluoranthene	14.01	202	227131	15.88	ng		100
77) Pyrene	14.29	202	203888	12.58	ng		98
80) Benzo(a)anthracene	15.77	228	119097	7.92	ng		97
82) Chrysene	15.82	228	84071	5.88	ng		96
83) Bis(2-ethylhexyl)phthalate	15.85	149	31205	2.99	ng	#	98
87) Benzo(b)fluoranthene	17.03	252	173318	11.89	ng	#	97
88) Benzo(k)fluoranthene	17.03	252	173318	13.30	ng	#	96
89) Benzo(a)pyrene	17.39	252	94596	5.72	ng	#	97
90) Dibenzo(a,h)anthracene	18.81	278	4458	Below Cal		#	49

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079614.D
Acq On : 30 May 2015 20:39
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Instrument :
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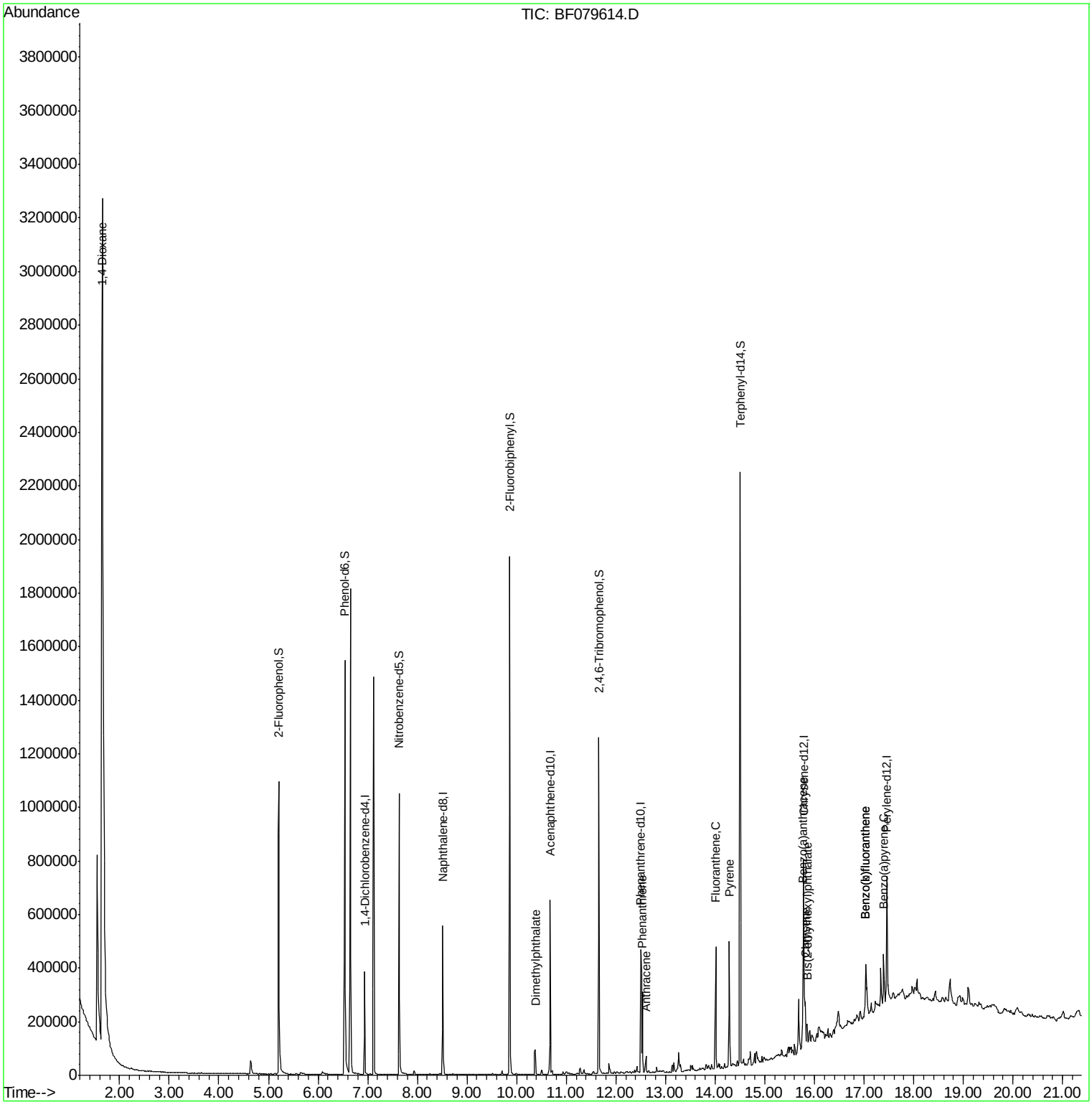
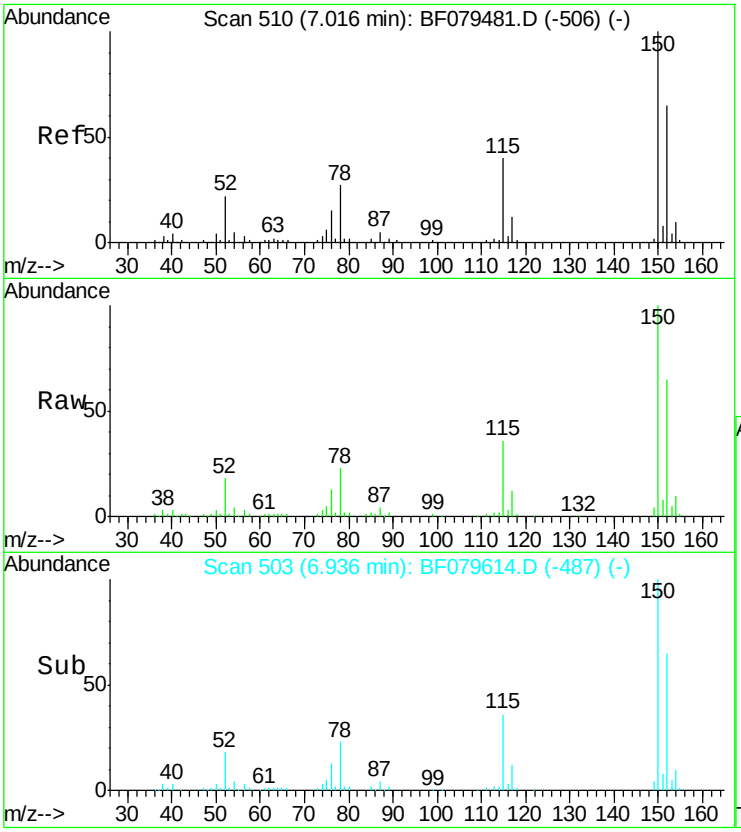
PENRD8.2(4)

Quant Time: May 31 05:49:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration



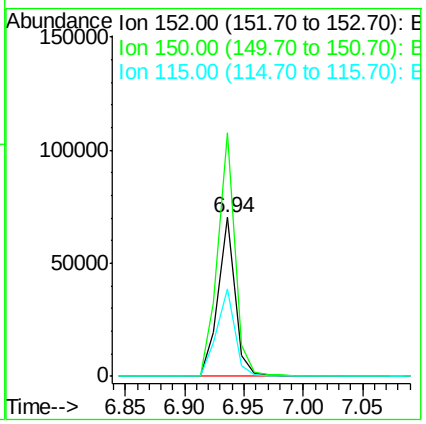


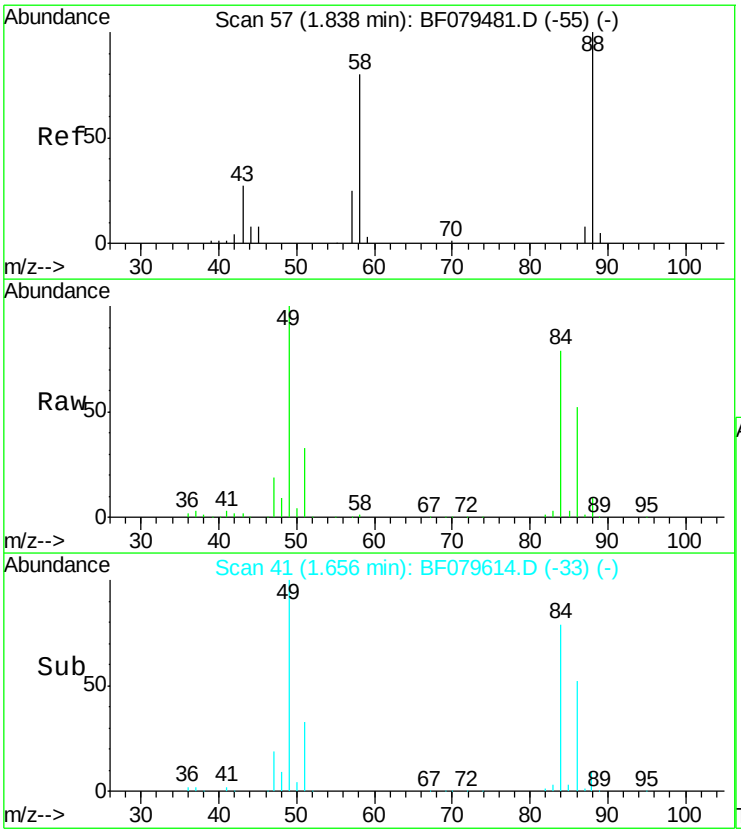
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:152 Resp: 69262

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.0	186.0
115	55.3	49.6	74.4

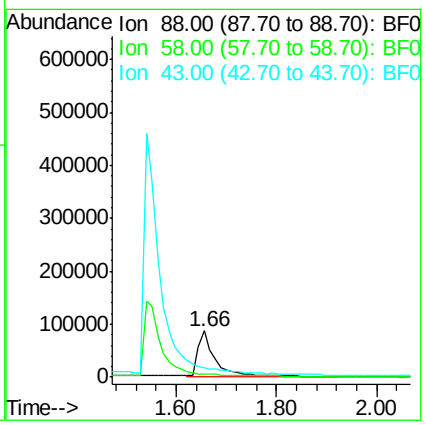


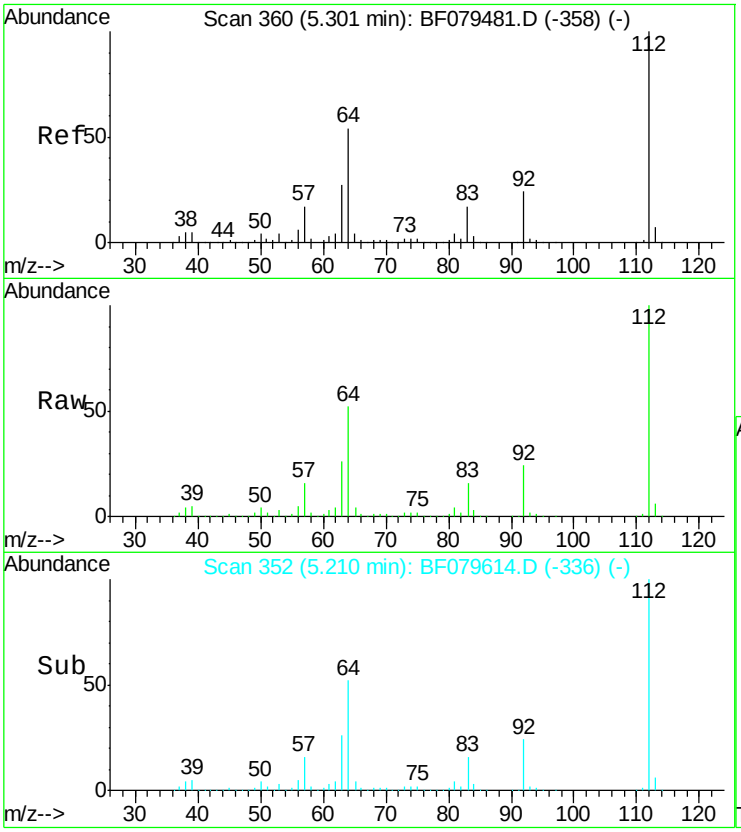


#2
1,4-Dioxane
Concen: 105.31 ng
RT: 1.66 min Scan# 41
Delta R.T. -0.11 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion: 88 Resp: 200055

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0



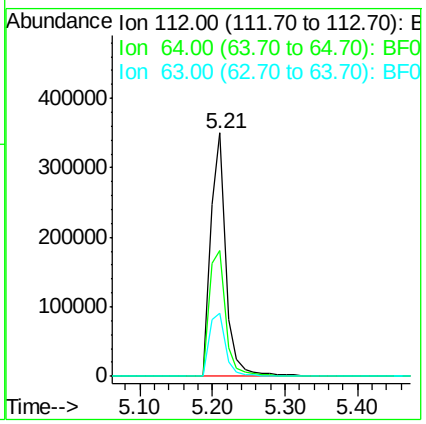


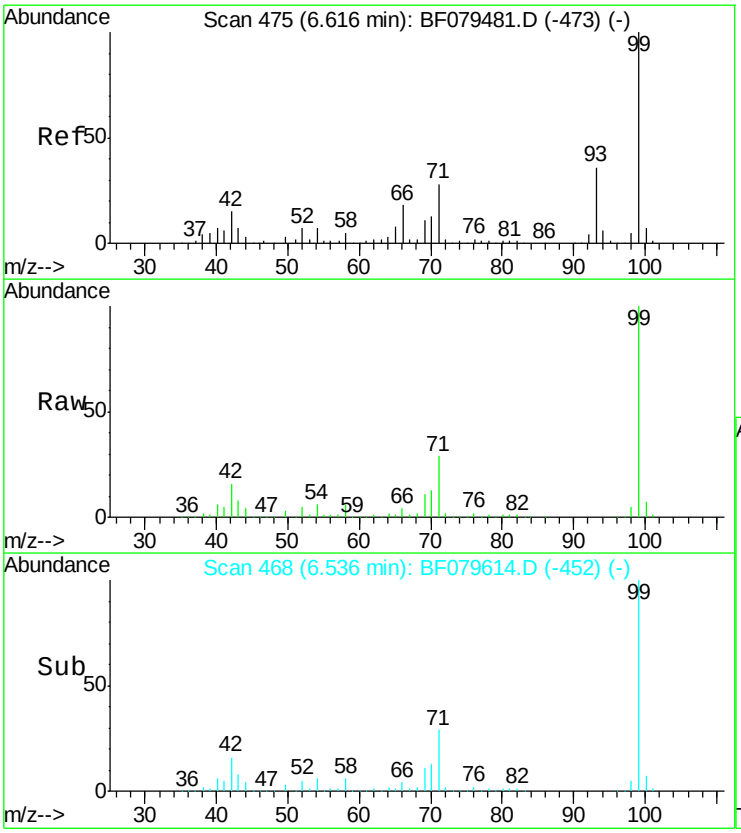
#5
2-Fluorophenol
Concen: 127.19 ng
RT: 5.21 min Scan# 352
Delta R.T. -0.02 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:112 Resp: 507919

Ion	Ratio	Lower	Upper
112	100		
64	51.9	43.5	65.3
63	25.9	21.8	32.8

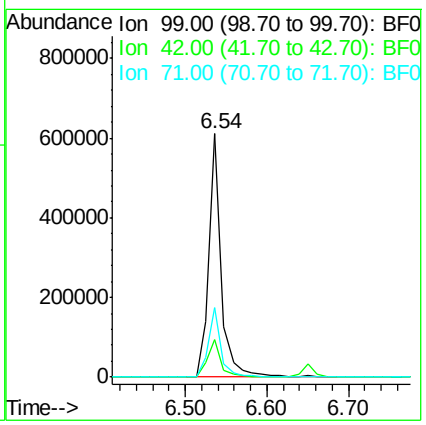


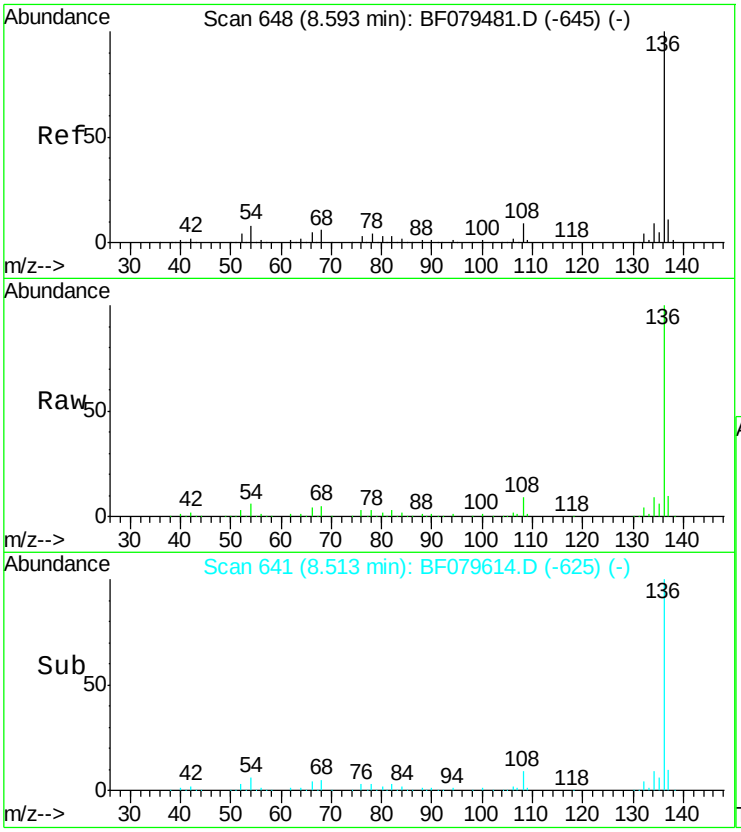


#7
Phenol-d6
Concen: 129.94 ng
RT: 6.54 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion: 99 Resp: 661370

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.9	17.9
71	28.7	22.1	33.1



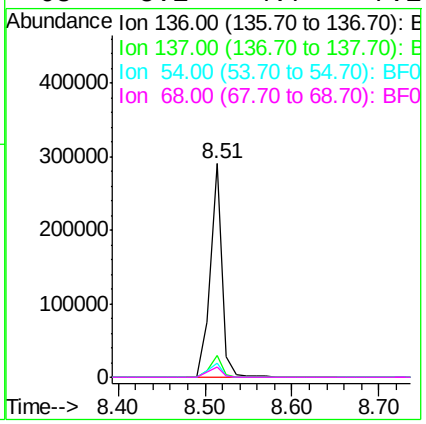


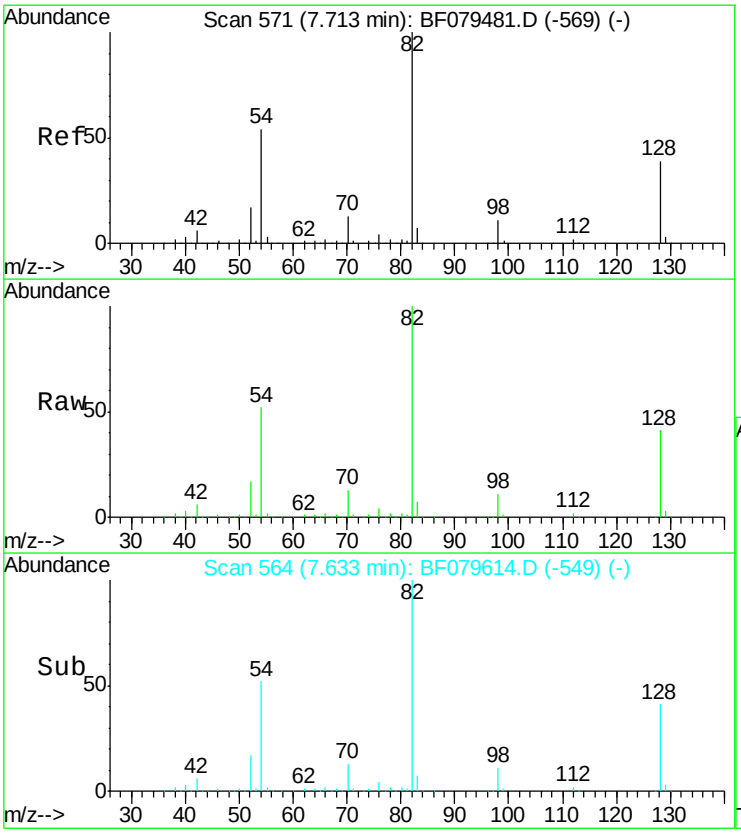
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:136 Resp: 278434

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.4	6.6	9.8#
68	5.1	4.7	7.1

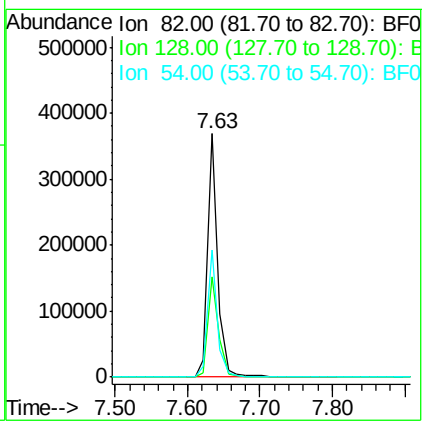


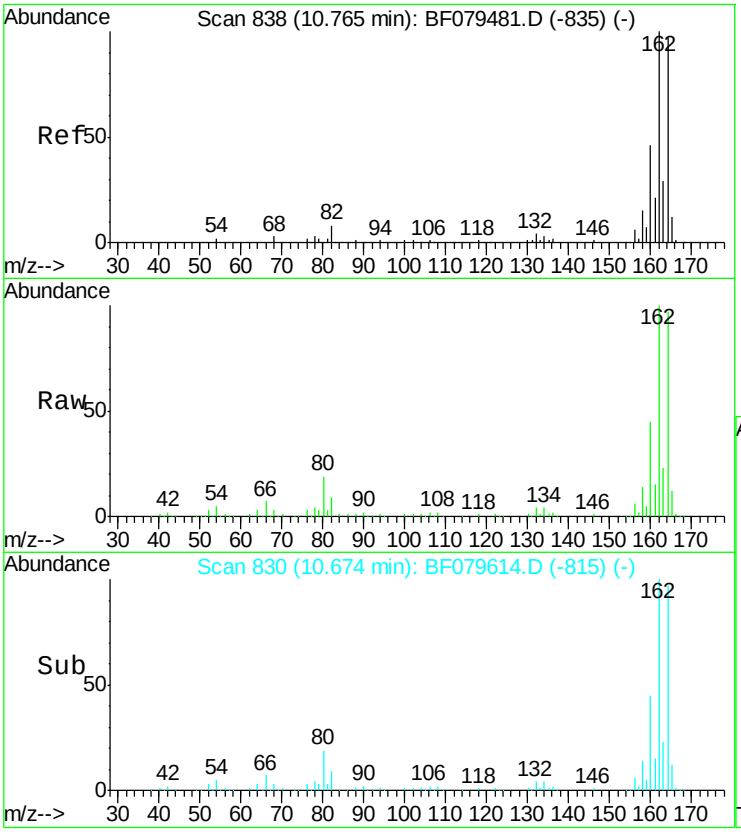


#23
Nitrobenzene-d5
Concen: 73.81 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion: 82 Resp: 355514

Ion	Ratio	Lower	Upper
82	100		
128	41.4	30.8	46.2
54	52.0	42.8	64.2



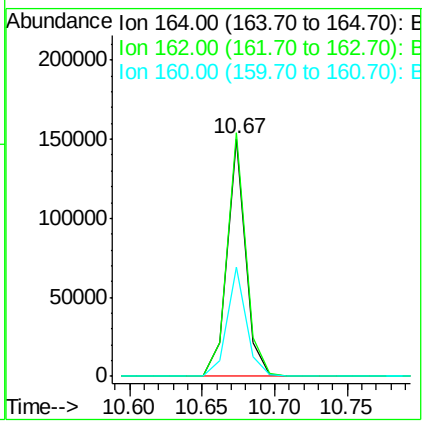


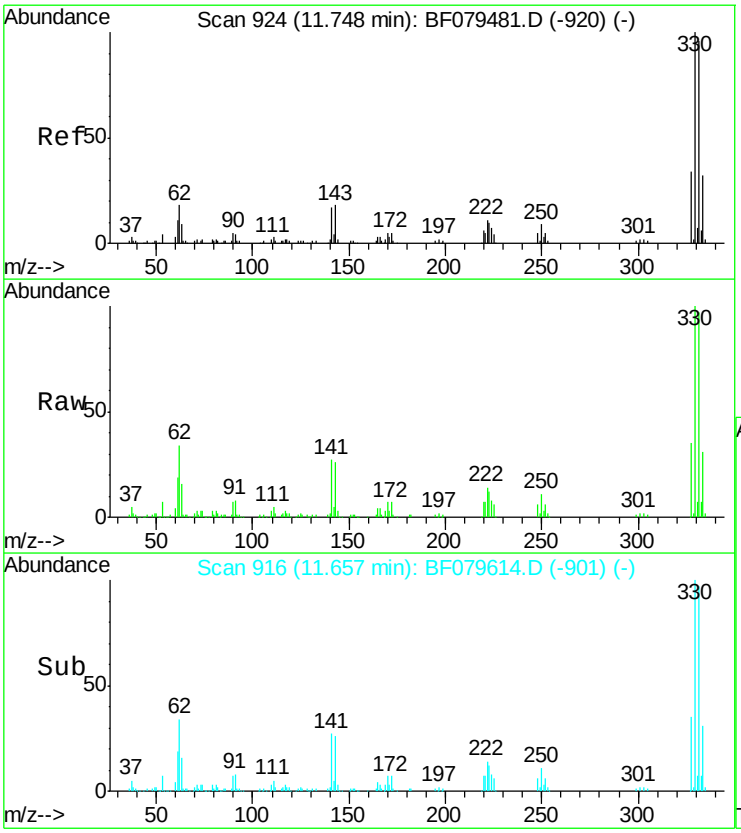
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:164 Resp: 133345

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	124.0
160	46.0	37.7	56.5

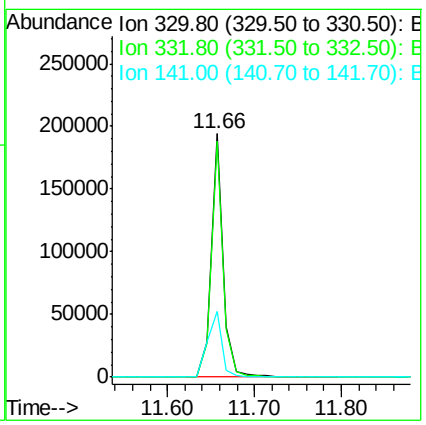


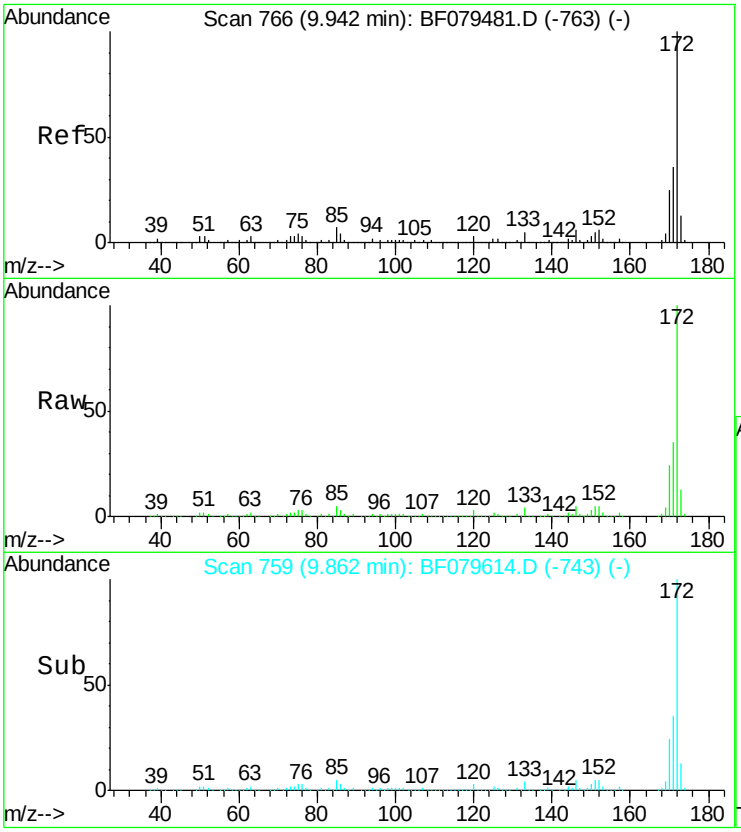


#41
2,4,6-Tribromophenol
Concen: 128.09 ng
RT: 11.66 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion:330 Resp: 187608

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	32.1	0.0	0.0#



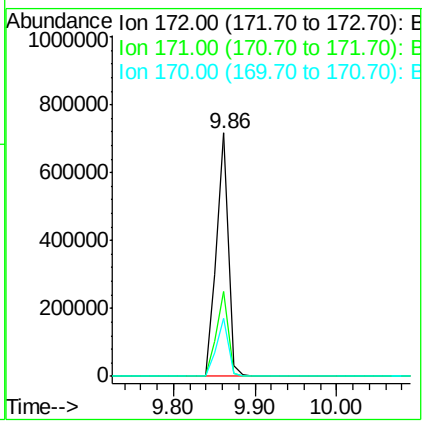


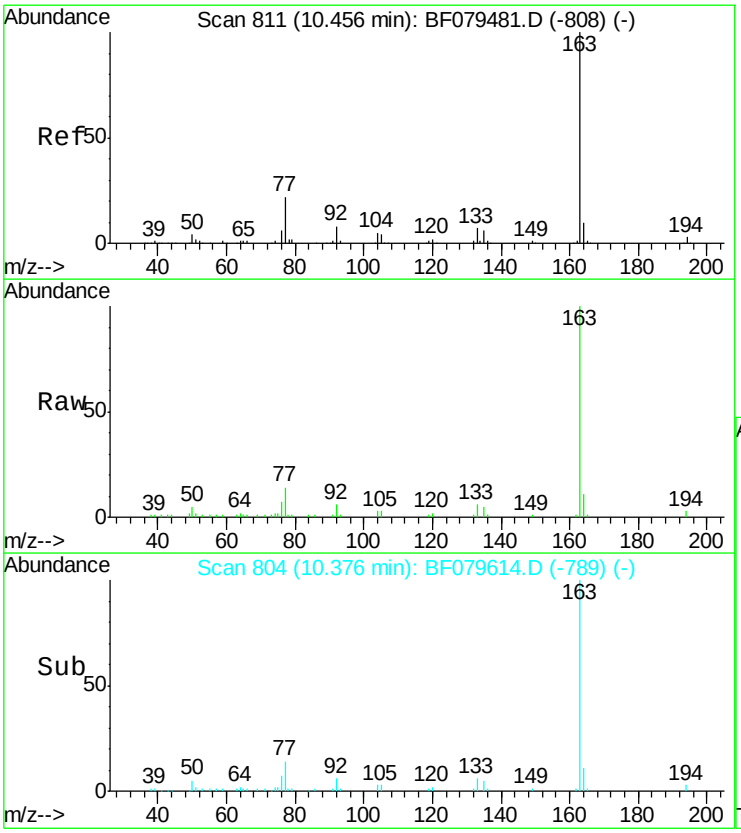
#44
2-Fluorobiphenyl
Concen: 78.16 ng
RT: 9.86 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:172 Resp: 730546

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	24.0	19.7	29.5

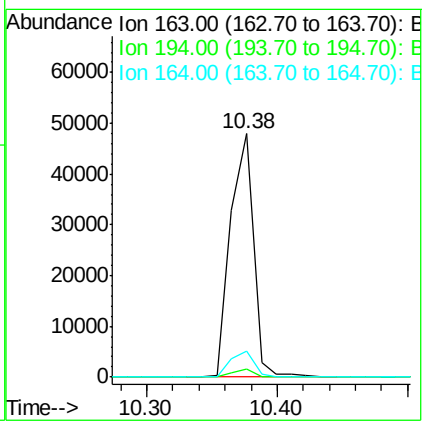


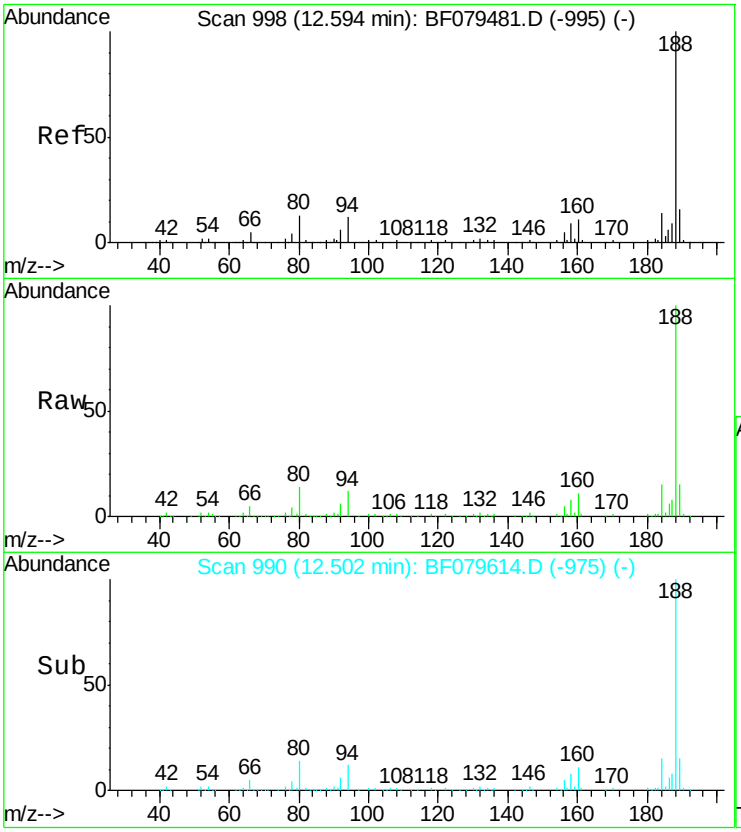


#49
Dimethylphthalate
Concen: 5.96 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion:163 Resp: 58583

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.4	3.6
164	10.6	8.2	12.4



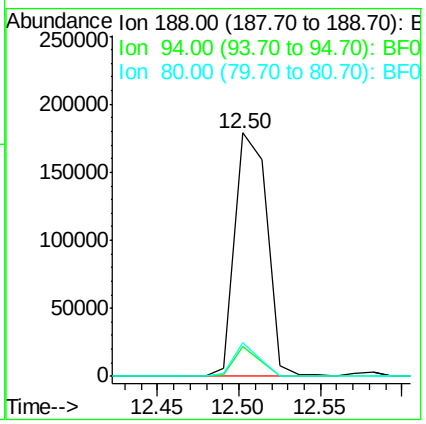


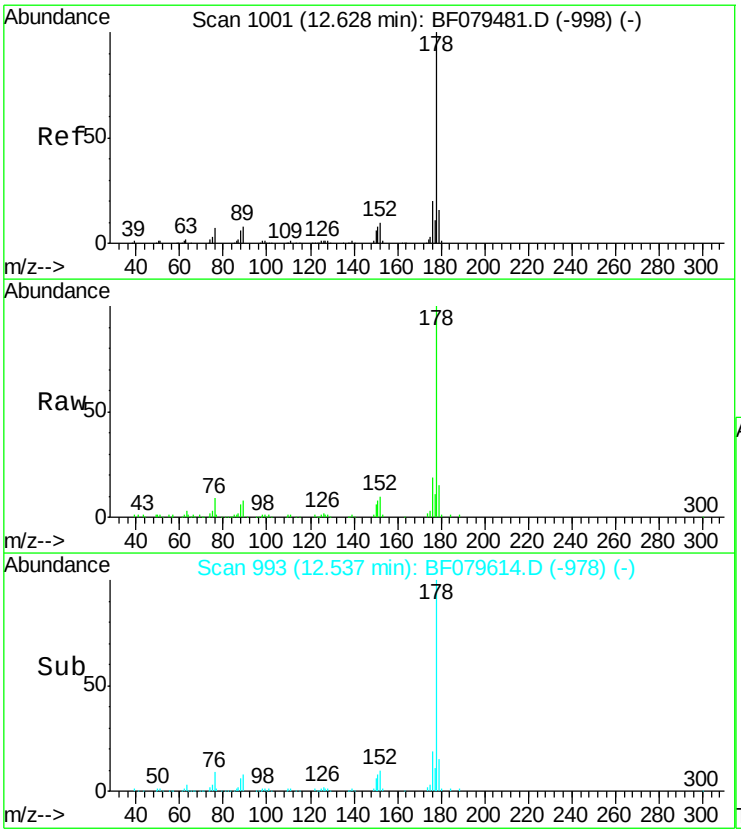
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:188 Resp: 243115

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.8	14.6
80	13.8	10.5	15.7

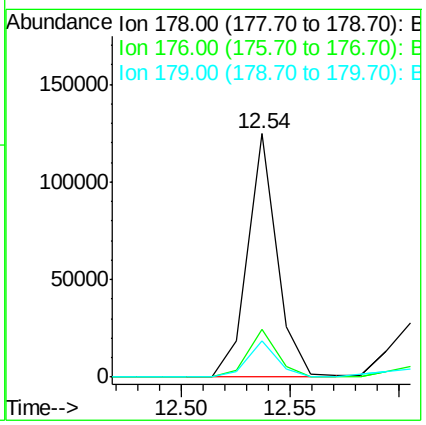


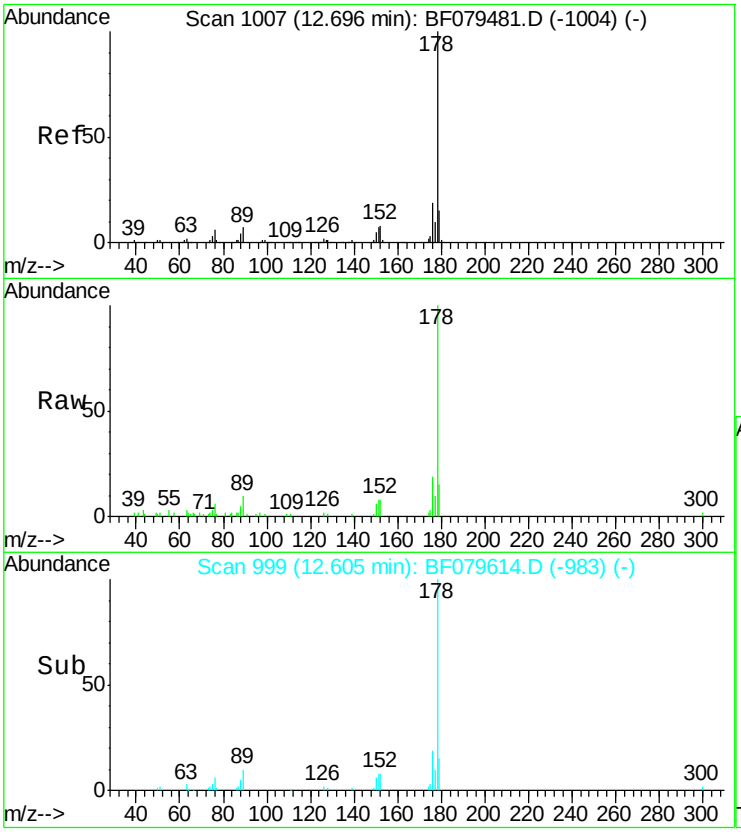


#70
Phenanthrene
Concen: 8.79 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.03 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion:178 Resp: 117301

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.1	12.4	18.6



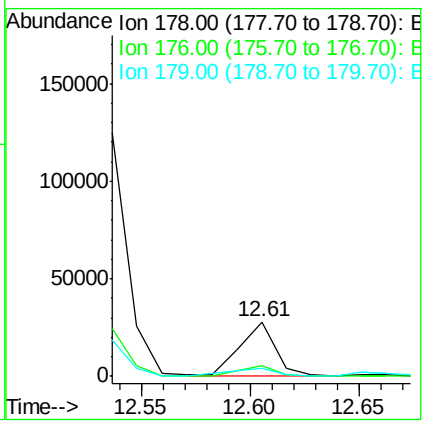


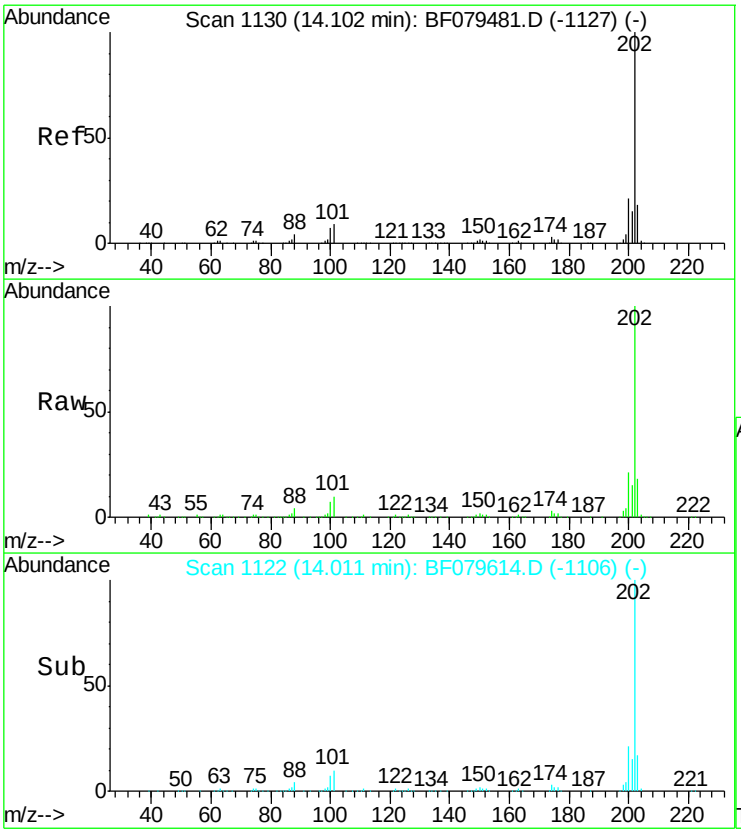
#71
Anthracene
Concen: 2.31 ng
RT: 12.61 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:178 Resp: 31286

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.5	12.2	18.4

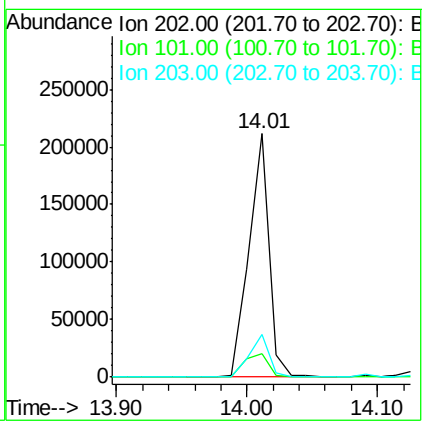


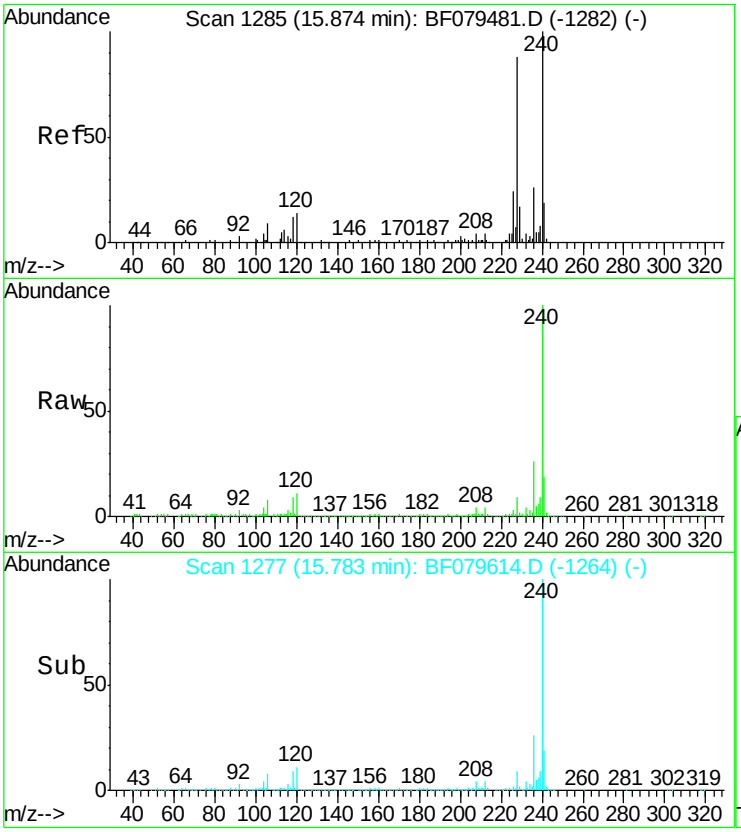


#74
Fluoranthene
Concen: 15.88 ng
RT: 14.01 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion:202 Resp: 227131

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.3
203	17.6	0.0	37.6



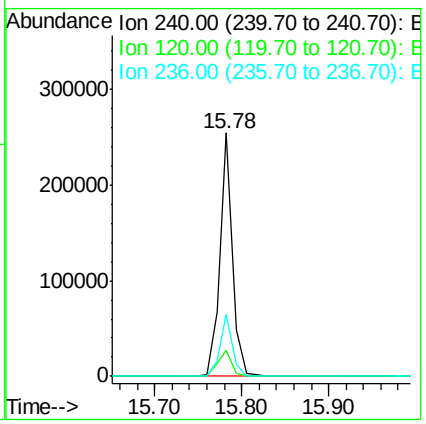


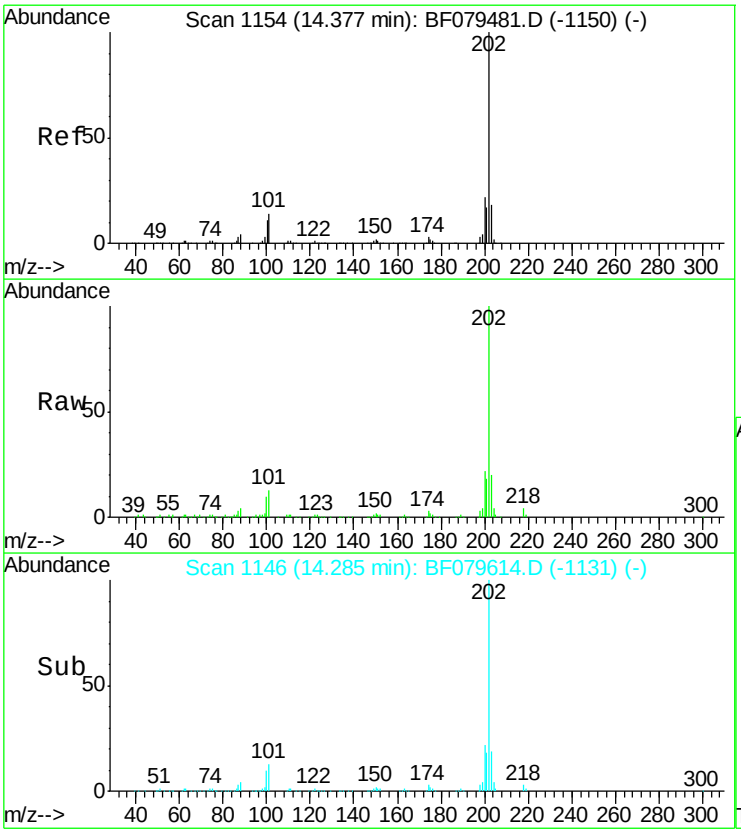
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:240 Resp: 261533

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.8	16.2#
236	25.5	21.0	31.6

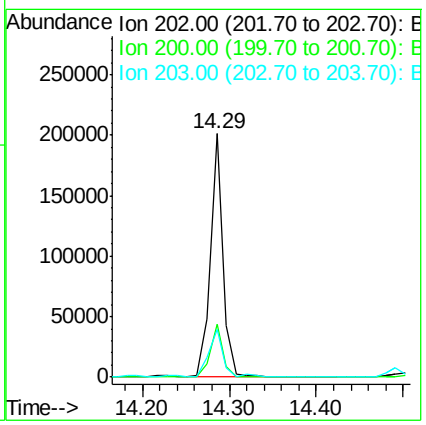


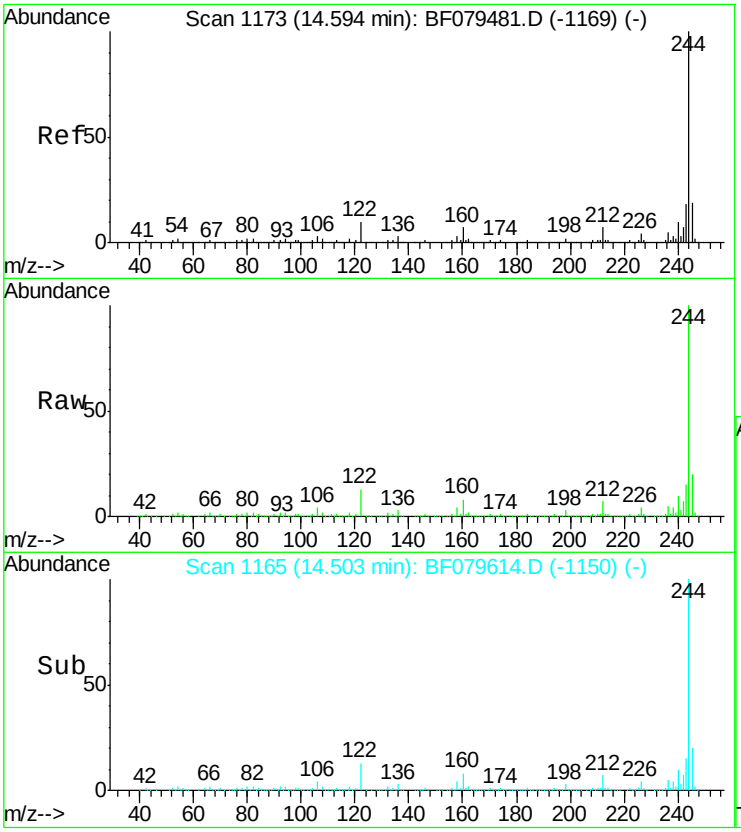


#77
Pyrene
Concen: 12.58 ng
RT: 14.29 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion:202 Resp: 203888

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.5	26.3
203	19.6	14.4	21.6



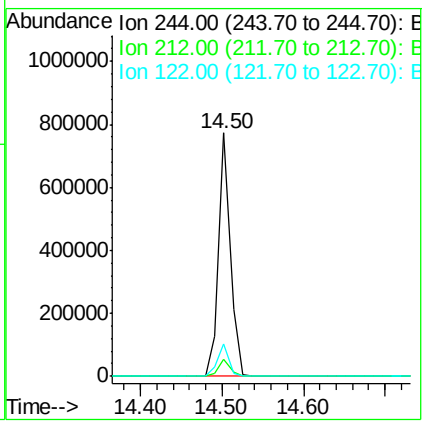


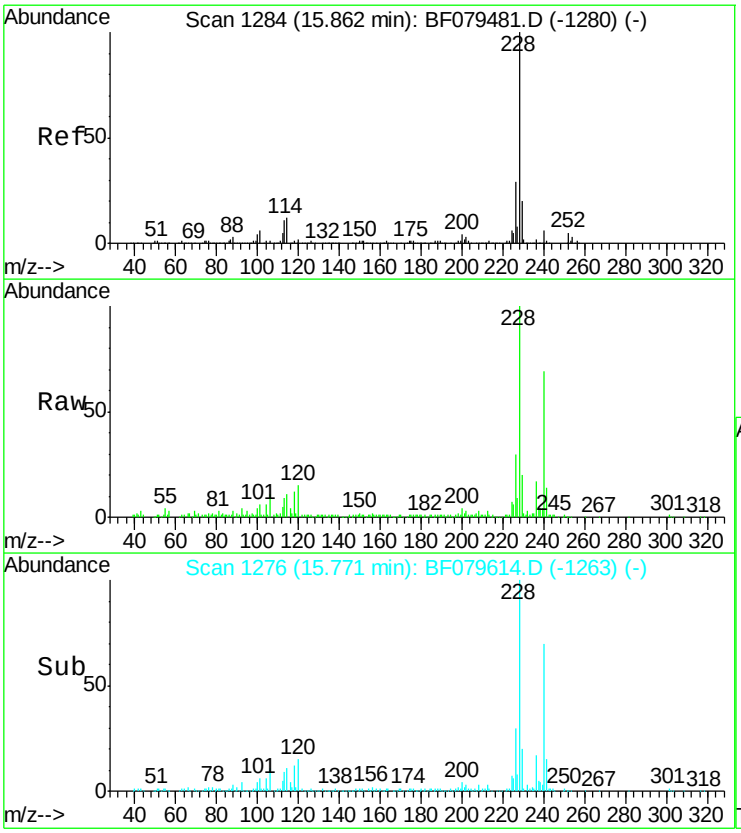
#78
Terphenyl-d14
Concen: 69.40 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:244 Resp: 773437

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	13.1	8.0	12.0#

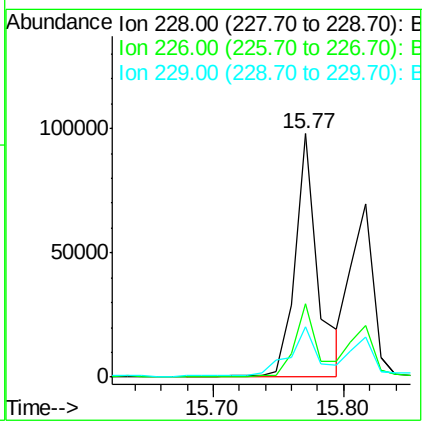


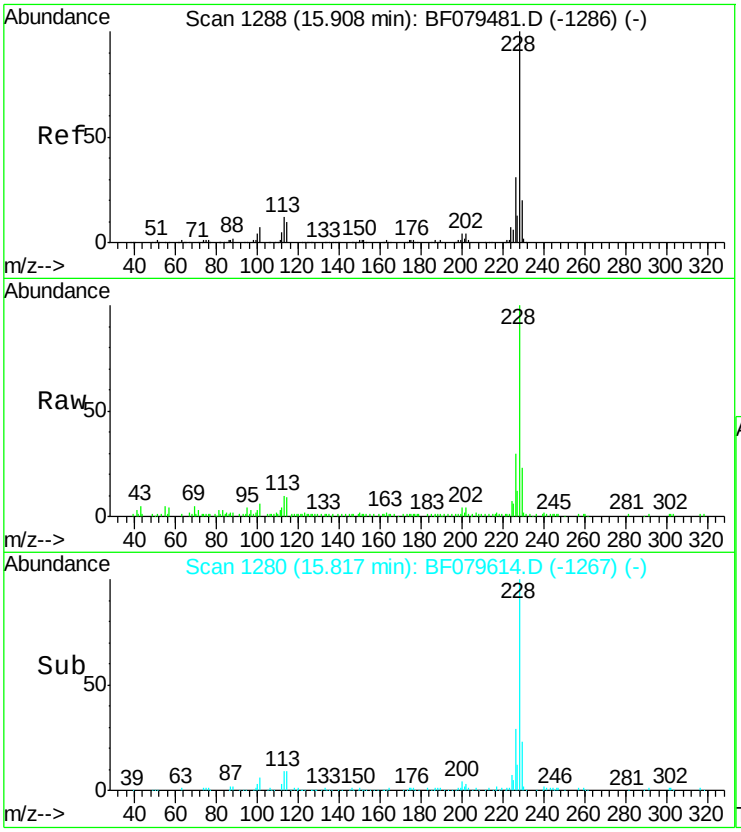


#80
Benzo(a)anthracene
Concen: 7.92 ng
RT: 15.77 min Scan# 1276
Delta R.T. -0.06 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion:228 Resp: 119097

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.8	34.2
229	20.5	15.9	23.9



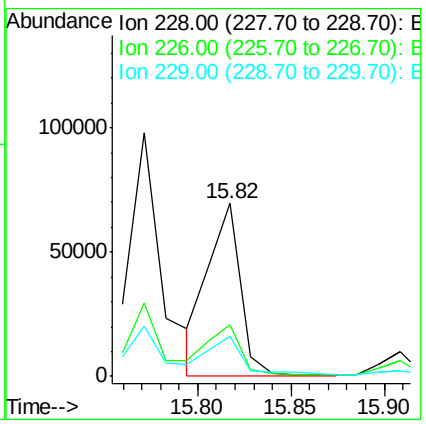


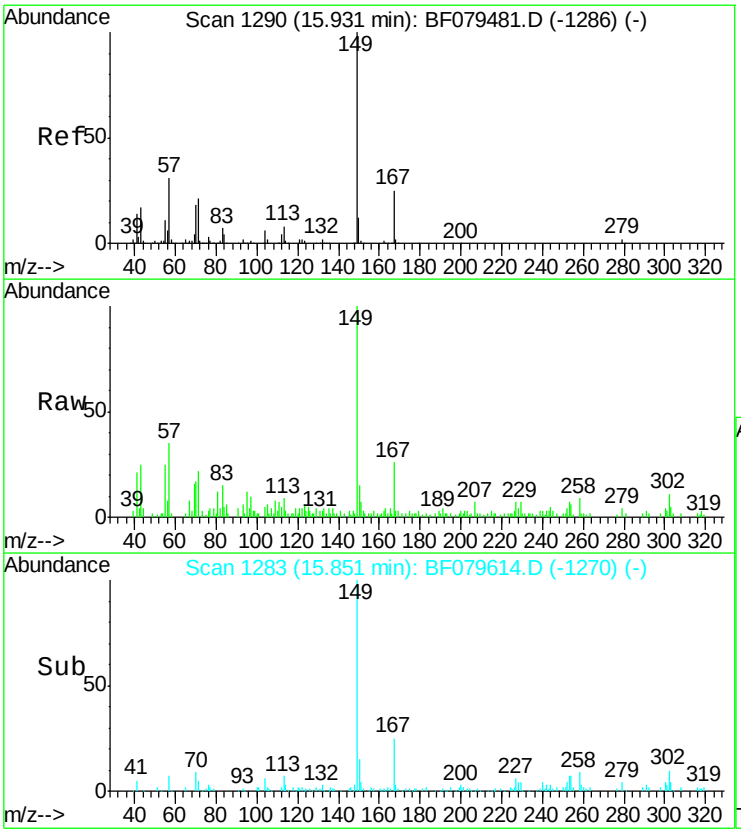
#82
Chrysene
Concen: 5.88 ng
RT: 15.82 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:228 Resp: 84071

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.4
229	23.3	15.9	23.9

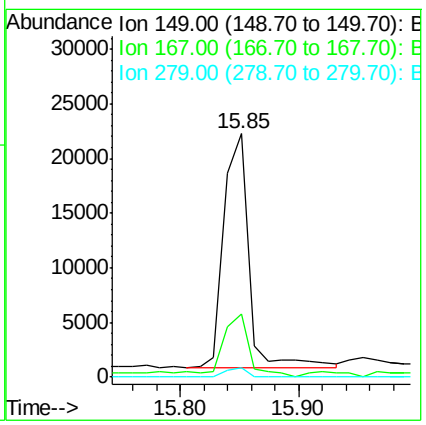


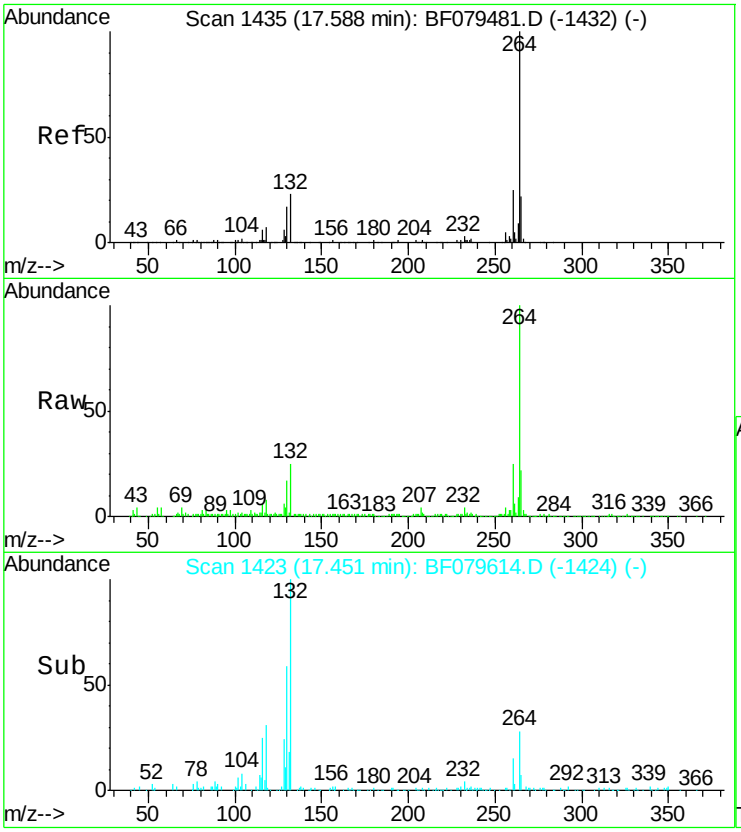


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.99 ng
RT: 15.85 min Scan# 1283
Delta R.T. -0.06 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion:149 Resp: 31205

Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.2	30.4
279	4.1	2.0	3.0#



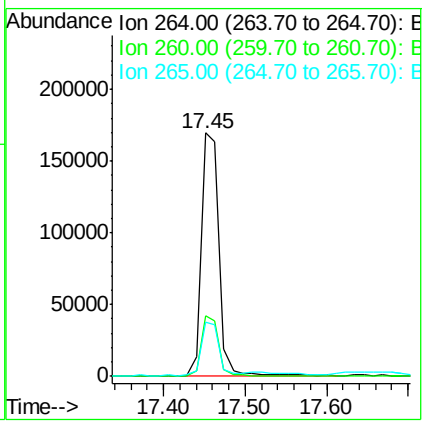


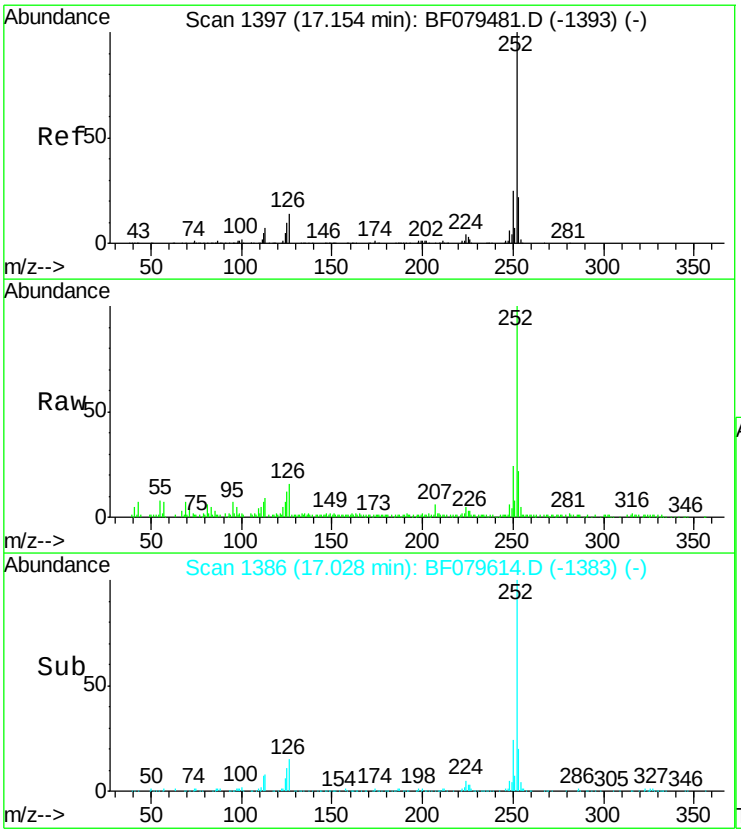
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.45 min Scan# 1423
Delta R.T. -0.22 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:264 Resp: 255488

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	22.1	17.8	26.6

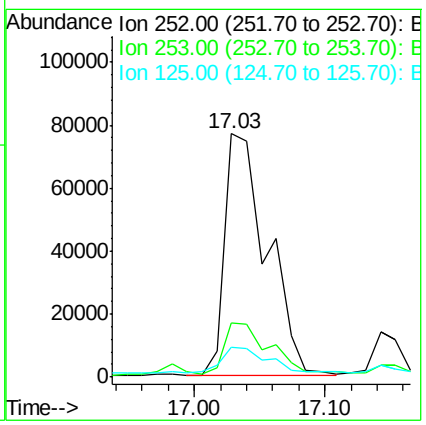


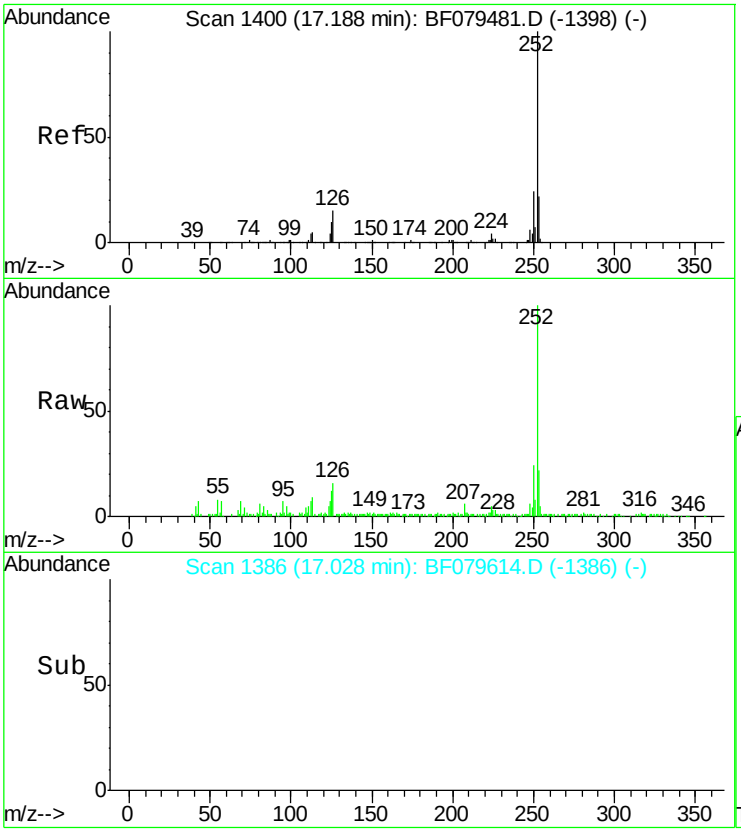


#87
Benzo(b)fluoranthene
Concen: 11.89 ng
RT: 17.03 min Scan# 1386
Delta R.T. -0.17 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion:252 Resp: 173318

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	12.4	7.8	11.6#



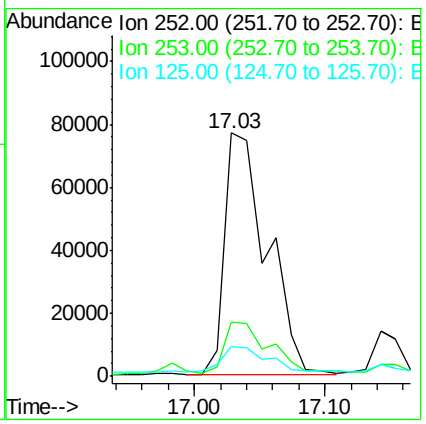


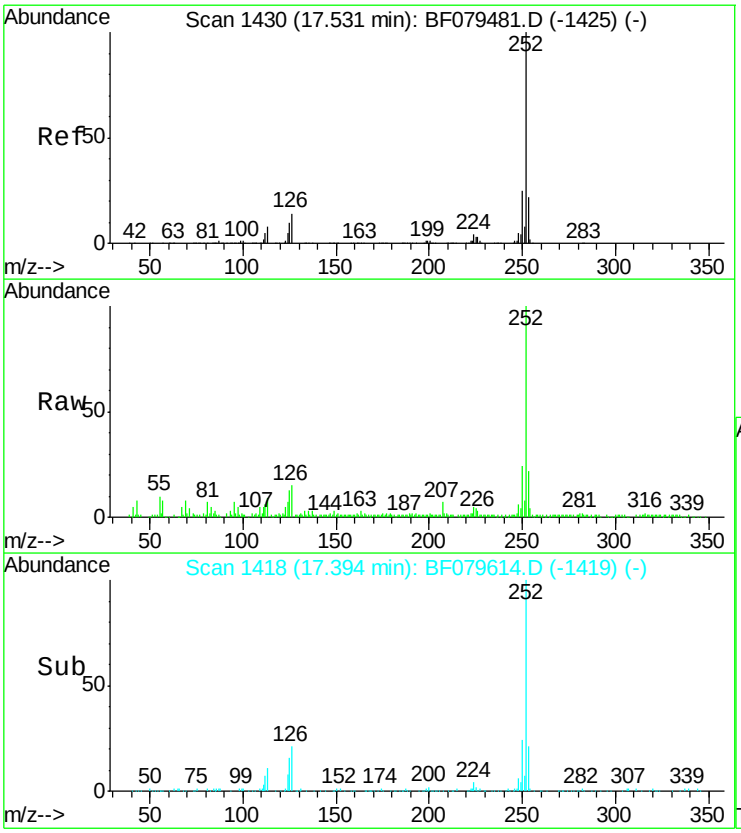
#88
Benzo(k)fluoranthene
Concen: 13.30 ng
RT: 17.03 min Scan# 1386
Delta R.T. -0.21 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

Tgt Ion:252 Resp: 173318

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.4	6.8	10.2#





#89
Benzo(a)pyrene
Concen: 5.72 ng
RT: 17.39 min Scan# 1418
Delta R.T. -0.22 min
Lab File: BF079614.D
Acq: 30 May 2015 20:39

Tgt Ion:252 Resp: 94596

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	13.2	7.9	11.9#