Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079367.D
Acq On : 20 May 2015 5:26
Operator : TP/IZ
Sample : G2289-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34D

Quant Time: May 20 06:56:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	47043	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	191810	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	91221	20.00	ng		0.00
63) Phenanthrene-d10	12.72	188	175741	20.00	ng		0.00
75) Chrysene-d12	16.00	240	196910	20.00	ng		-0.02
86) Perylene-d12	17.69	264	207419	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	386905m	141.57	ng		0.00
7) Phenol-d6	6.71	99	521253	144.30	ng		0.00
23) Nitrobenzene-d5	7.83	82	282766	84.73	ng		0.00
41) 2,4,6-Tribromophenol	11.86	330	144191	146.11	ng		0.00
44) 2-Fluorobiphenyl	10.06	172	379361	57.94	ng		0.00
78) Terphenyl-d14	14.71	244	401434	48.81	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.73	128	20277	2.22	ng		99
49) Dimethylphthalate	10.56	163	41439	6.19	ng		99
51) Acenaphthene	10.91	154	15302	2.76	ng		98
57) Fluorene	11.55	166	16934	2.58	ng		99
70) Phenanthrene	12.74	178	202870	20.63	ng		100
71) Anthracene	12.81	178	47641	4.94	ng		98
74) Fluoranthene	14.22	202	204877	20.00	ng		99
77) Pyrene	14.50	202	188474	16.61	ng		98
80) Benzo(a)anthracene	15.99	228	96944	8.99	ng		97
82) Chrysene	16.03	228	69554	6.71	ng		97
85) Indeno(1,2,3-cd)pyrene	19.06	276	49351	3.73	ng		95
87) Benzo(b)fluoranthene	17.26	252	103305m	9.10	ng		
88) Benzo(k)fluoranthene	17.29	252	31386m	2.86	ng		
89) Benzo(a)pyrene	17.63	252	77575	7.42	ng		98
91) Benzo(g,h,i)perylene	19.46	276	46538	4.18	ng	#	91

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

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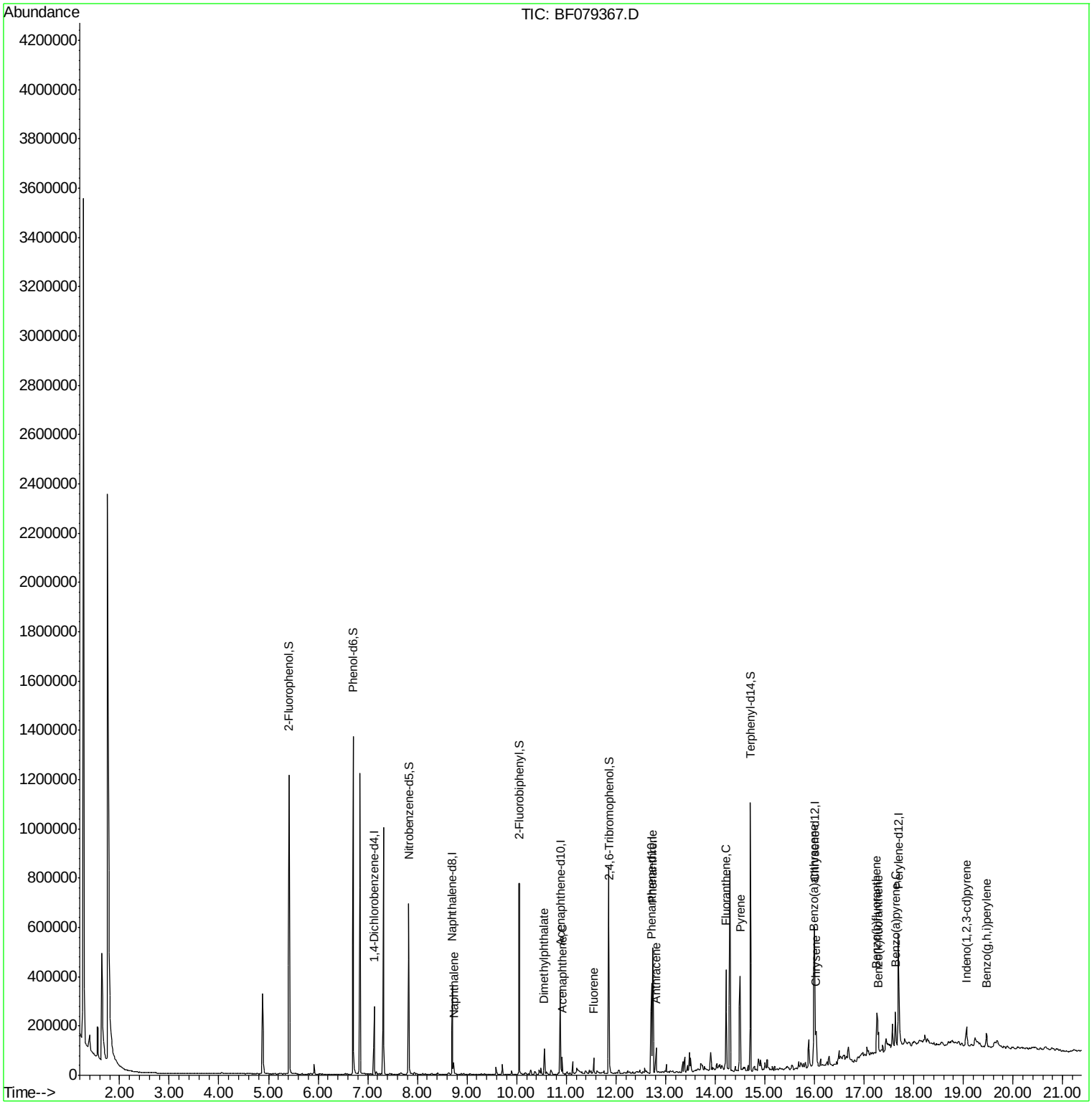
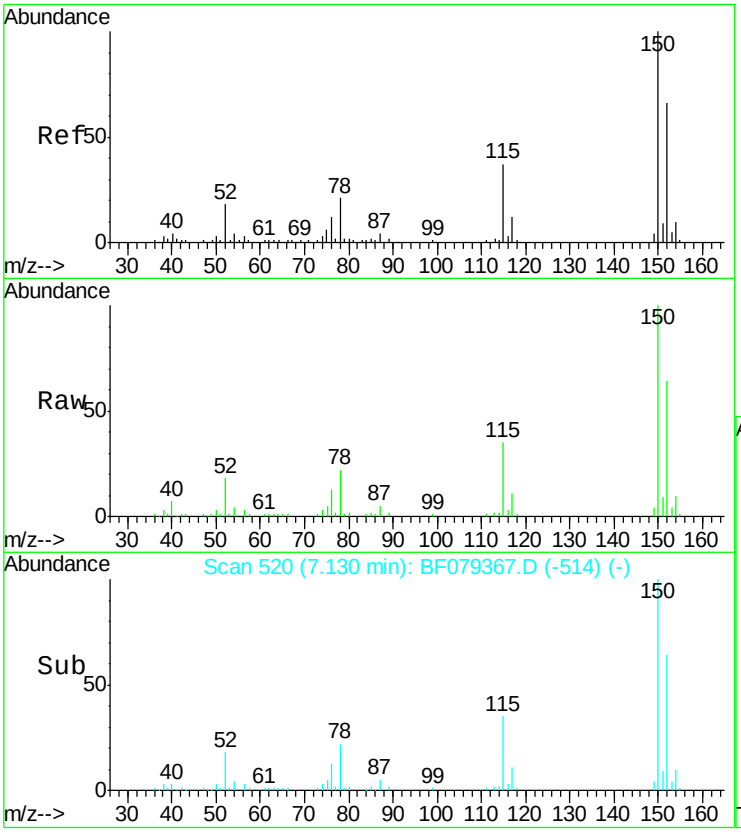


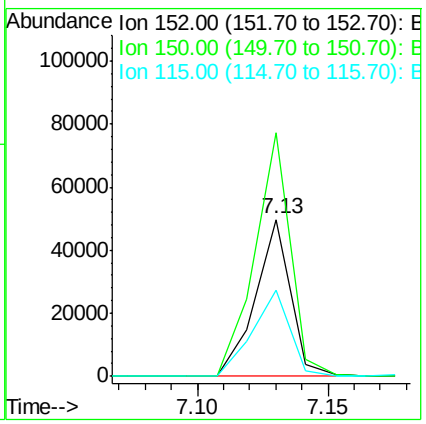


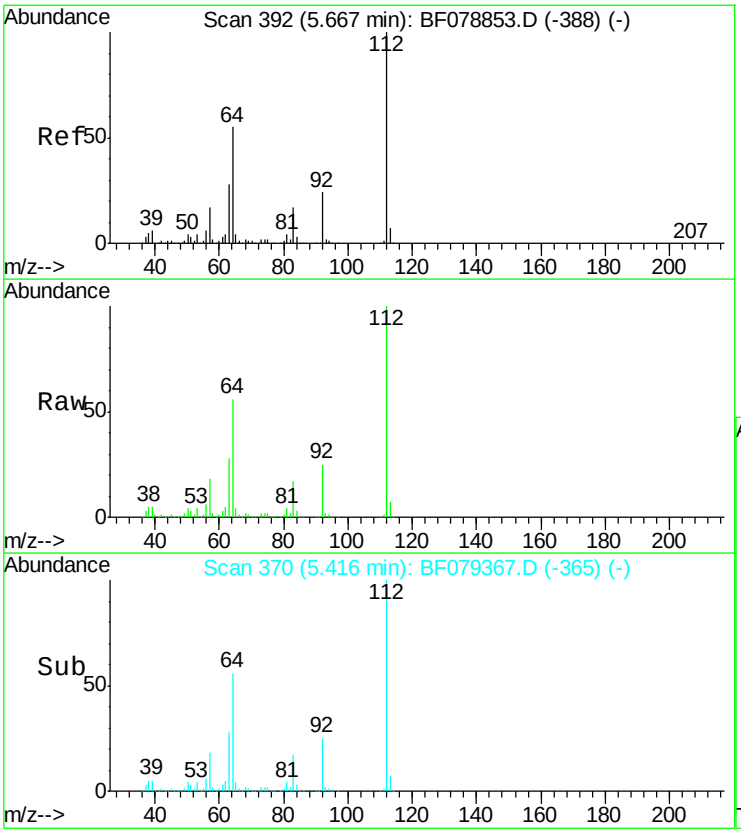
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:152 Resp: 47043

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.8
115	55.1	49.4	74.0

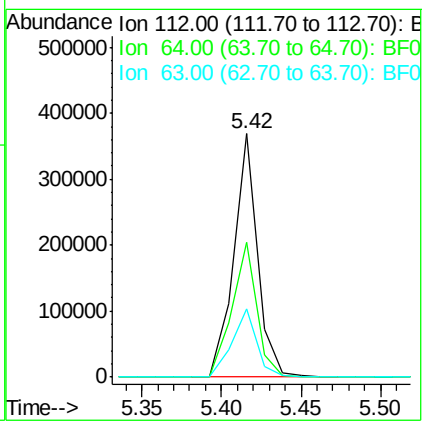


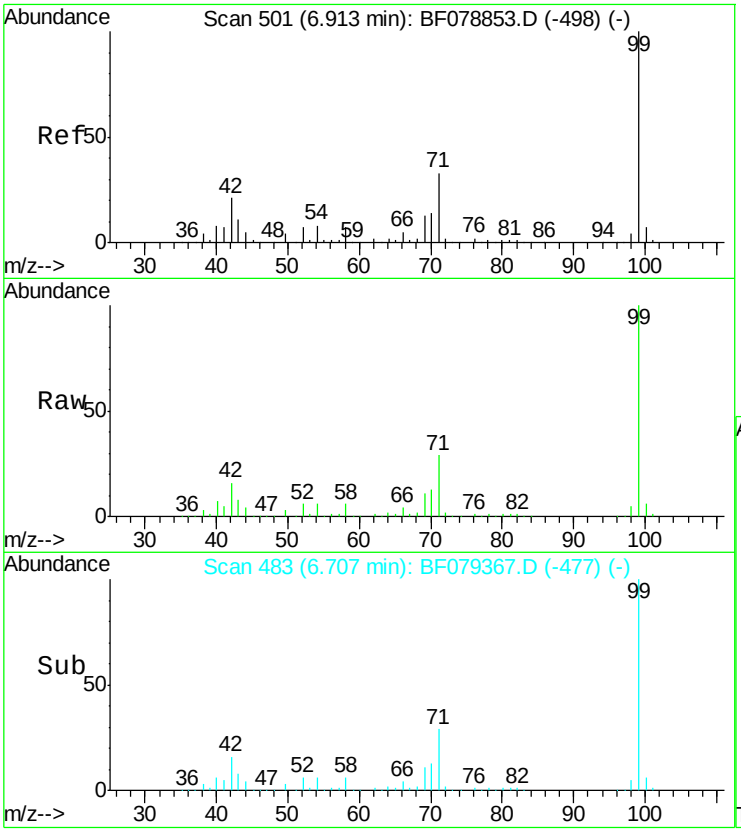


#5
2-Fluorophenol
Concen: 141.57 ng m
RT: 5.42 min Scan# 370
Delta R.T. -0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:112 Resp: 386905

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.2	66.2
63	27.9	22.7	34.1



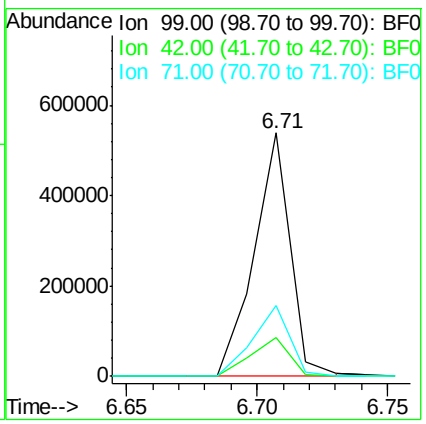


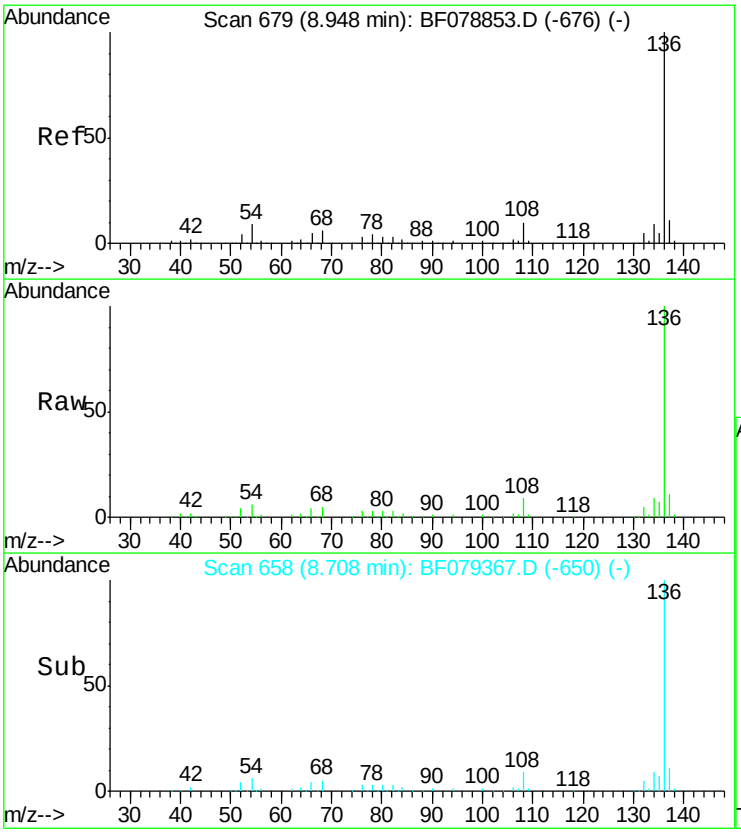
#7
Phenol-d6
Concen: 144.30 ng
RT: 6.71 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion: 99 Resp: 521253

Ion	Ratio	Lower	Upper
99	100		
42	15.9	17.1	25.7#
71	29.3	26.3	39.5

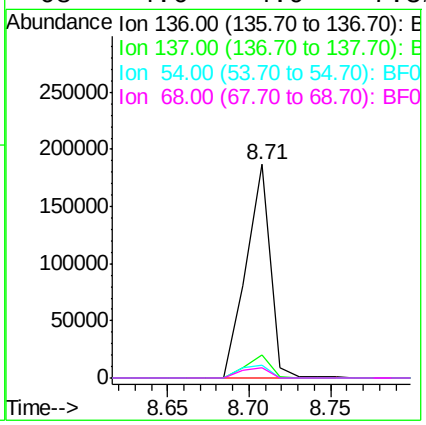


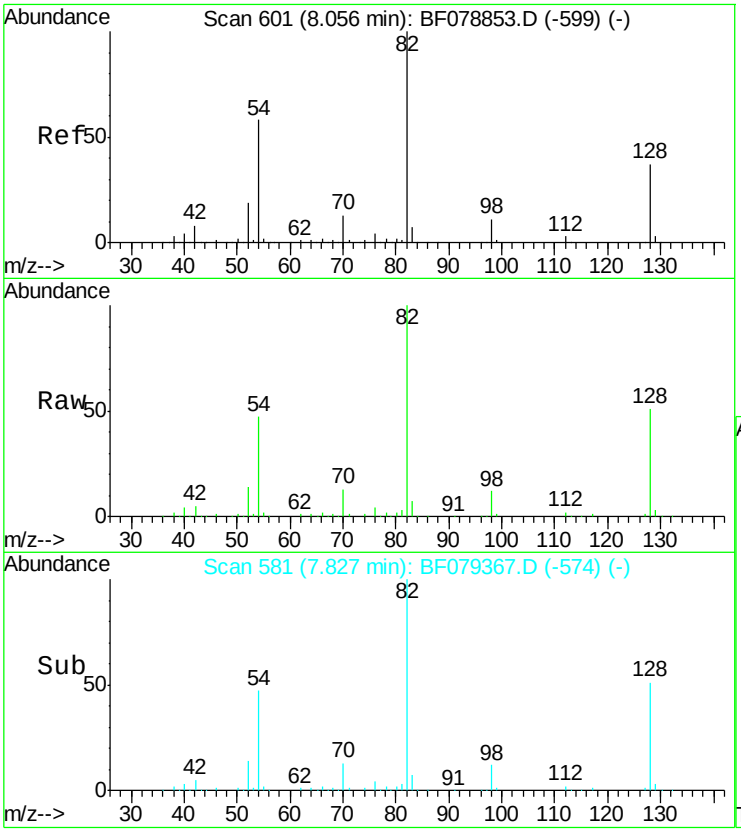


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:136 Resp: 191810

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.1	6.9	10.3#
68	4.6	4.9	7.3#



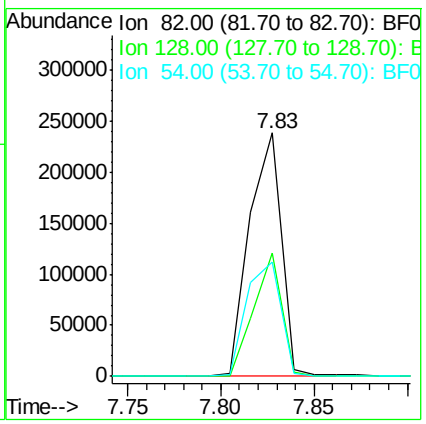


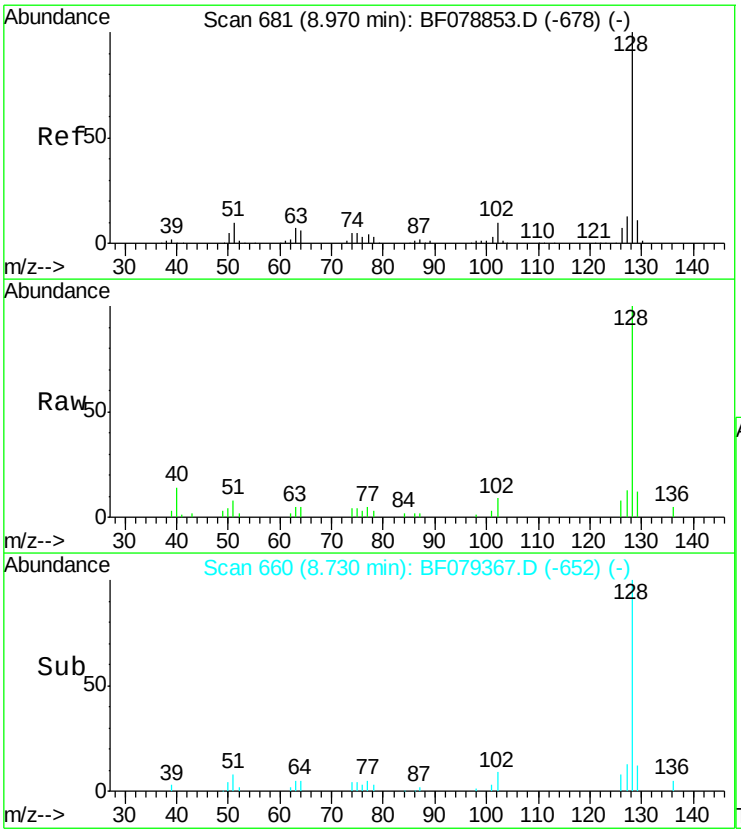
#23
Nitrobenzene-d5
Concen: 84.73 ng
RT: 7.83 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion: 82 Resp: 282766

Ion	Ratio	Lower	Upper
82	100		
128	50.9	29.7	44.5#
54	46.8	46.2	69.4

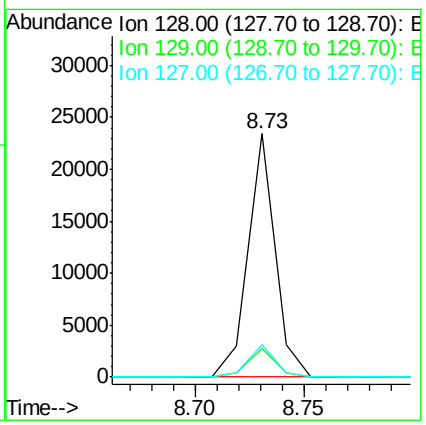


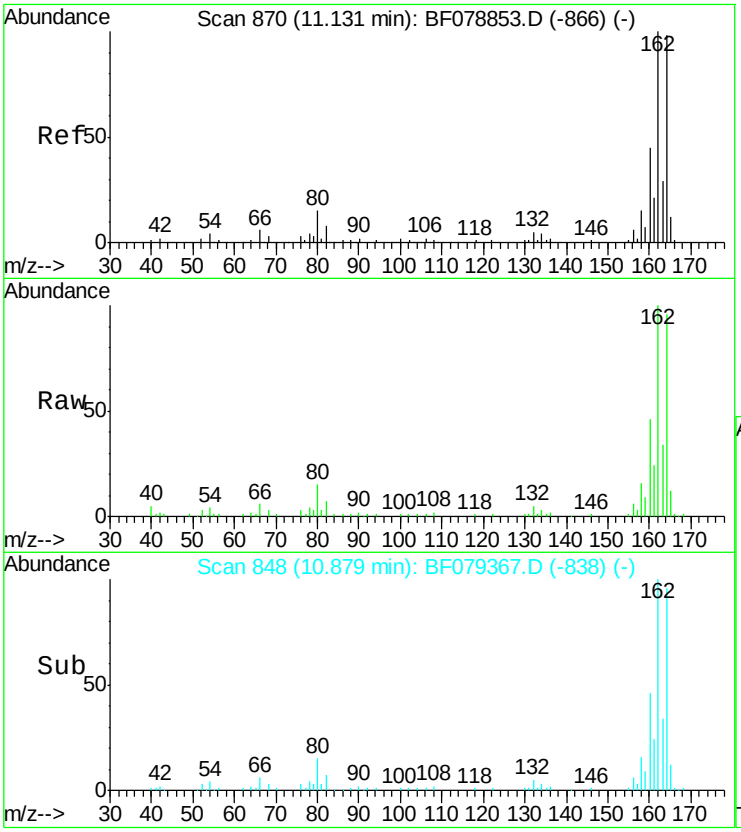


#31
Naphthalene
Concen: 2.22 ng
RT: 8.73 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:128 Resp: 20277

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	13.1	10.3	15.5



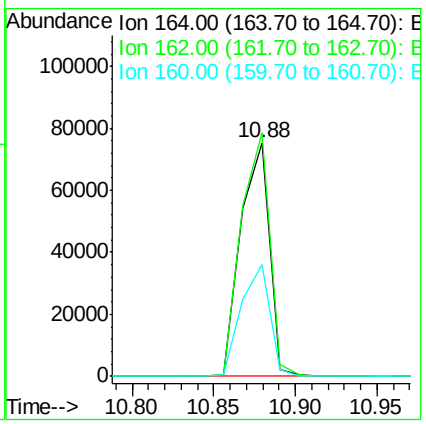


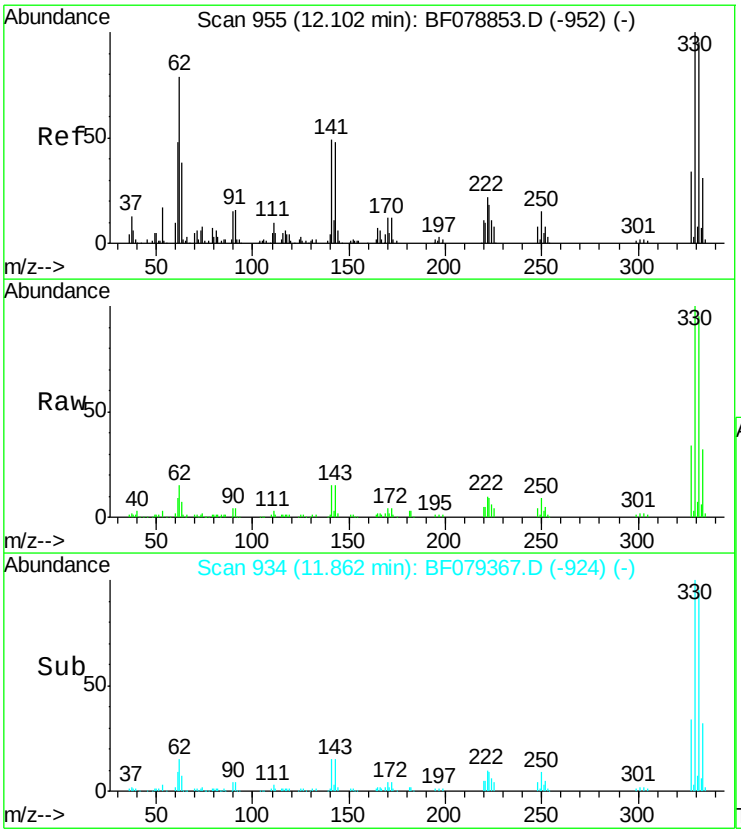
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:164 Resp: 91221

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.4	122.0
160	47.5	36.6	54.8

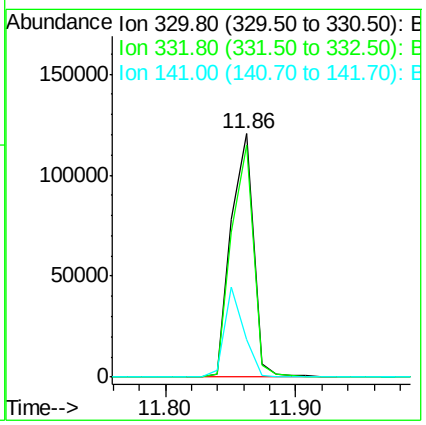


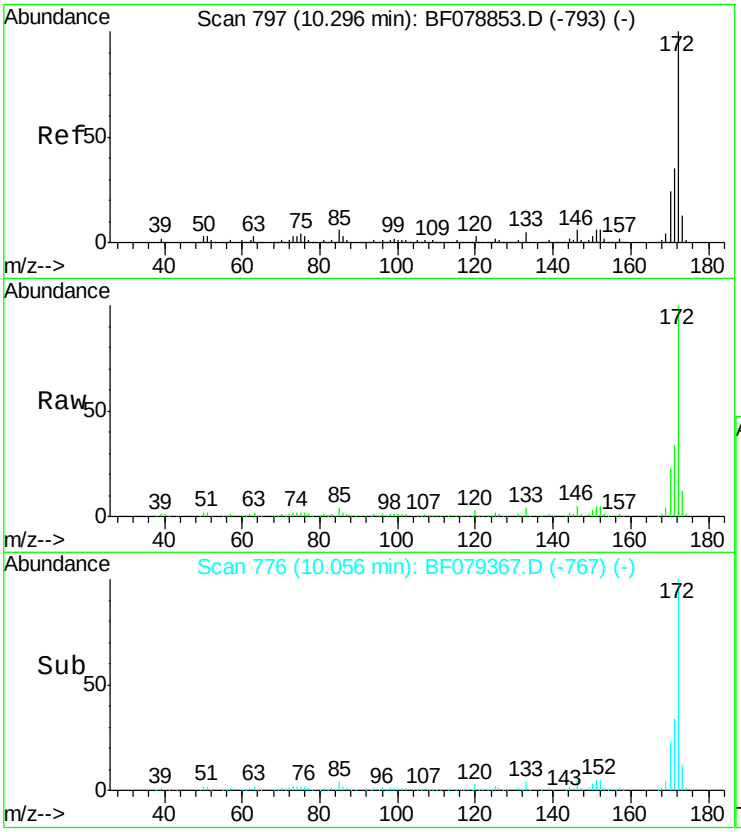


#41
2,4,6-Tribromophenol
Concen: 146.11 ng
RT: 11.86 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:330 Resp: 144191

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.9	115.3
141	32.5	27.8	41.8



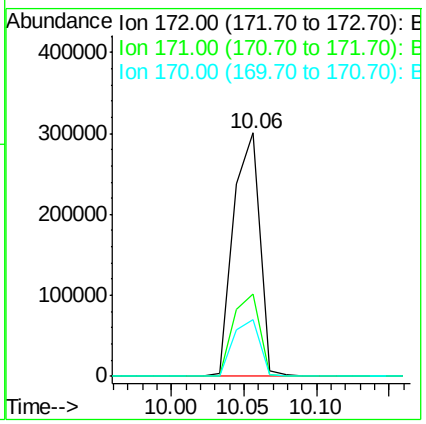


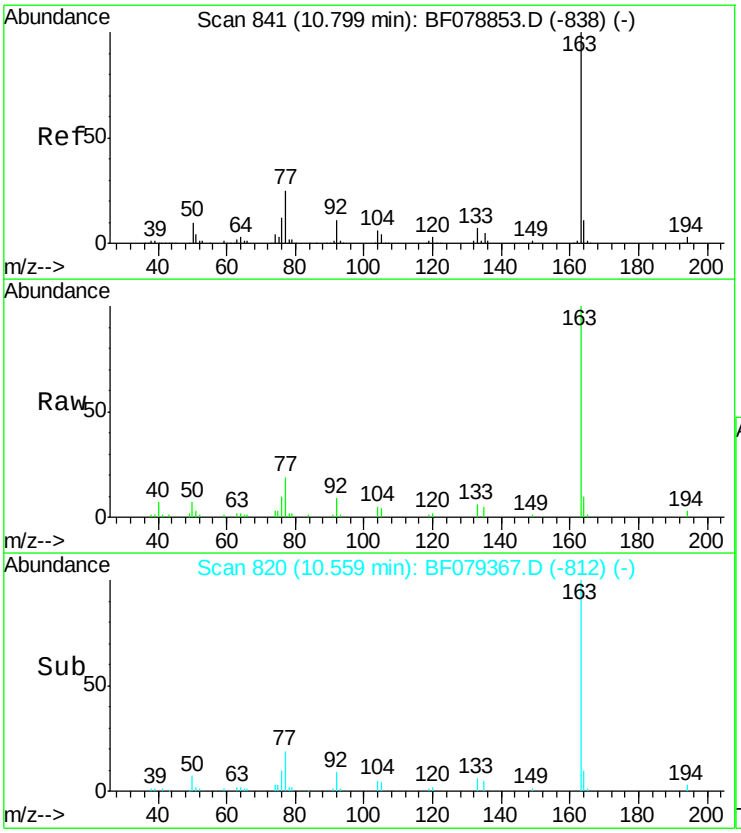
#44
2-Fluorobiphenyl
Concen: 57.94 ng
RT: 10.06 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:172 Resp: 379361

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.3	42.5
170	23.4	19.4	29.2

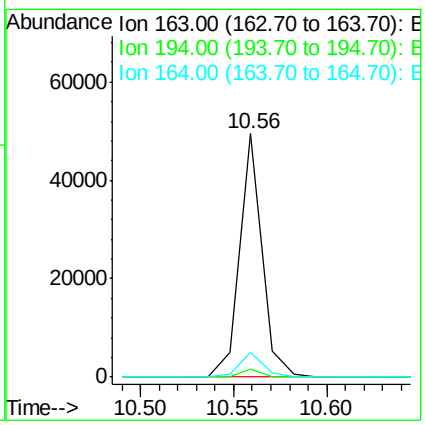


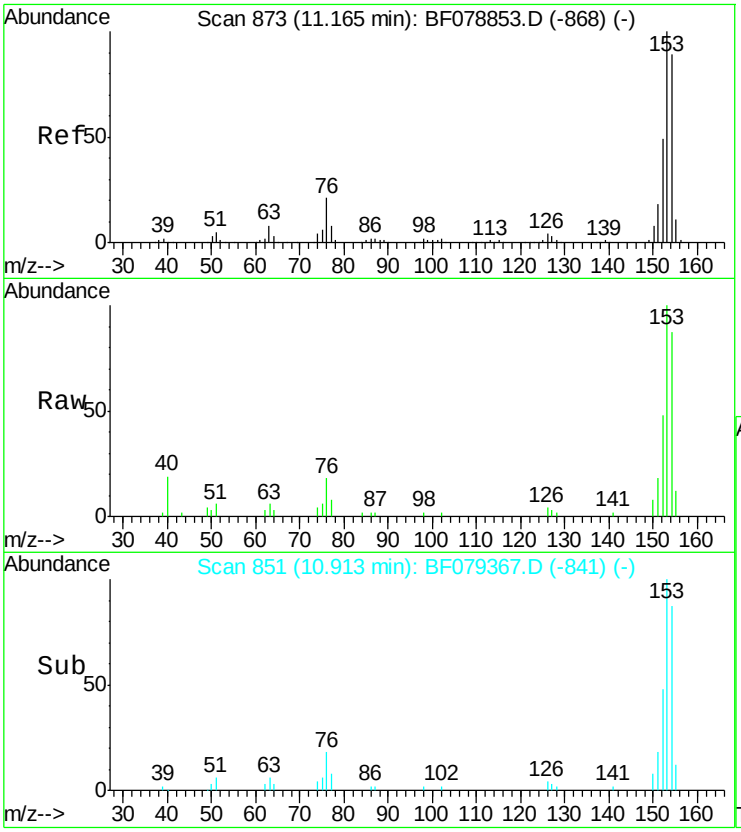


#49
Dimethylphthalate
Concen: 6.19 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:163 Resp: 41439

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.4	3.6
164	10.4	8.6	12.8



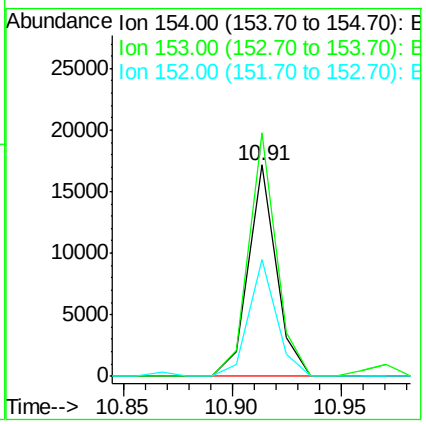


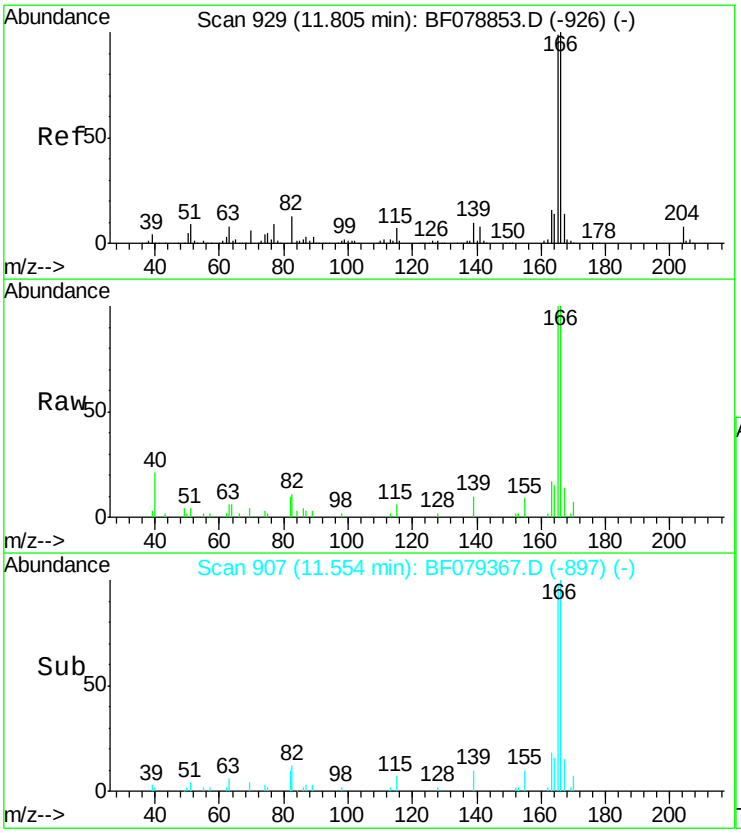
#51
Acenaphthene
Concen: 2.76 ng
RT: 10.91 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:154 Resp: 15302

Ion	Ratio	Lower	Upper
154	100		
153	115.3	90.2	135.2
152	55.5	43.8	65.8

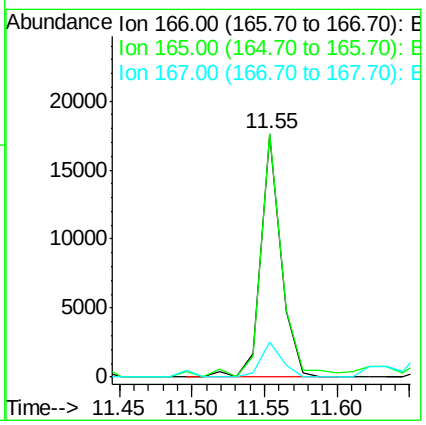


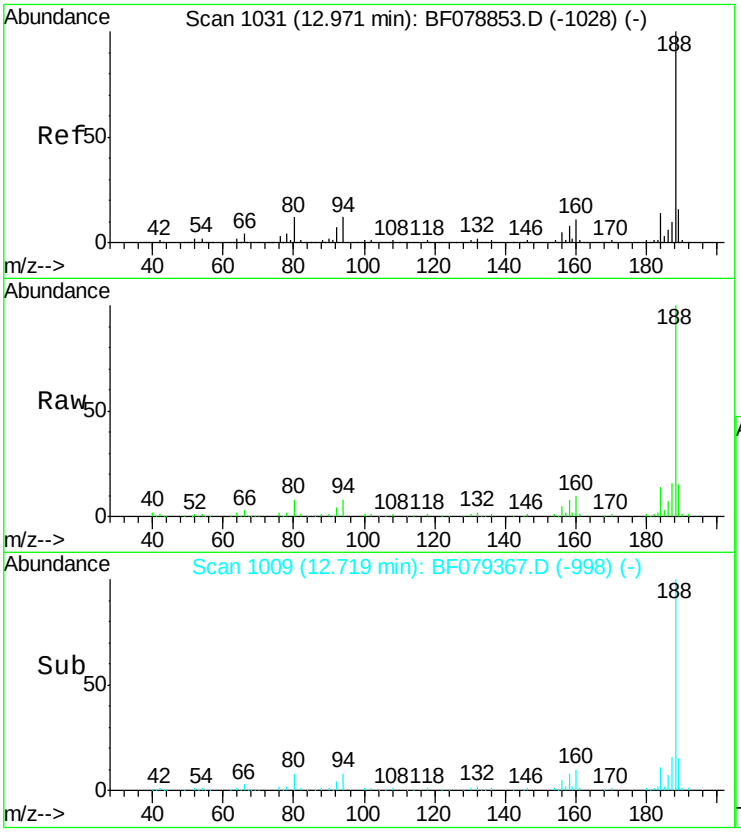


#57
Fluorene
Concen: 2.58 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:166 Resp: 16934

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.5	119.3
167	14.5	11.0	16.6



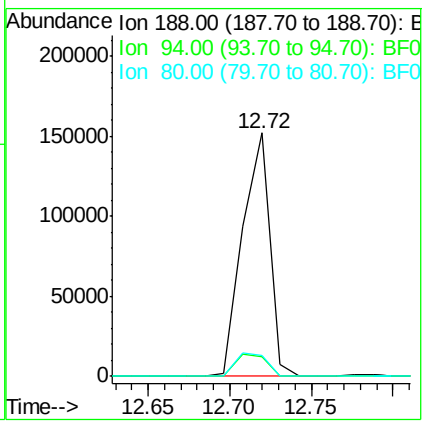


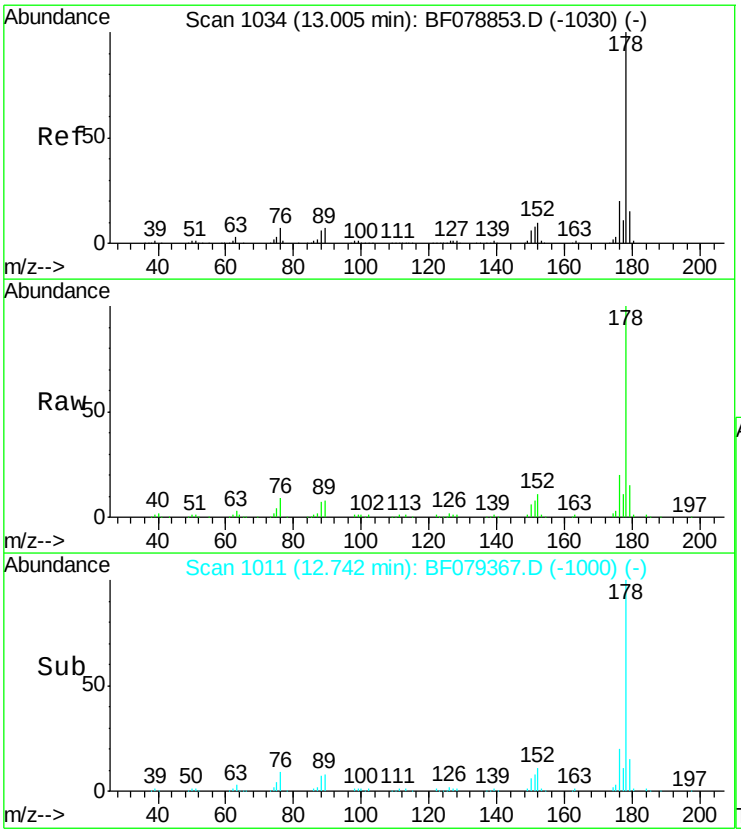
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.72 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:188 Resp: 175741

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.4	14.0#
80	8.4	9.8	14.6#

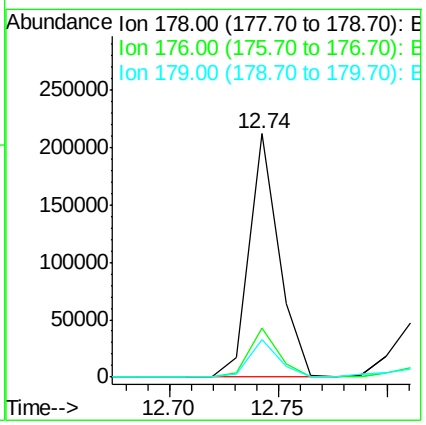


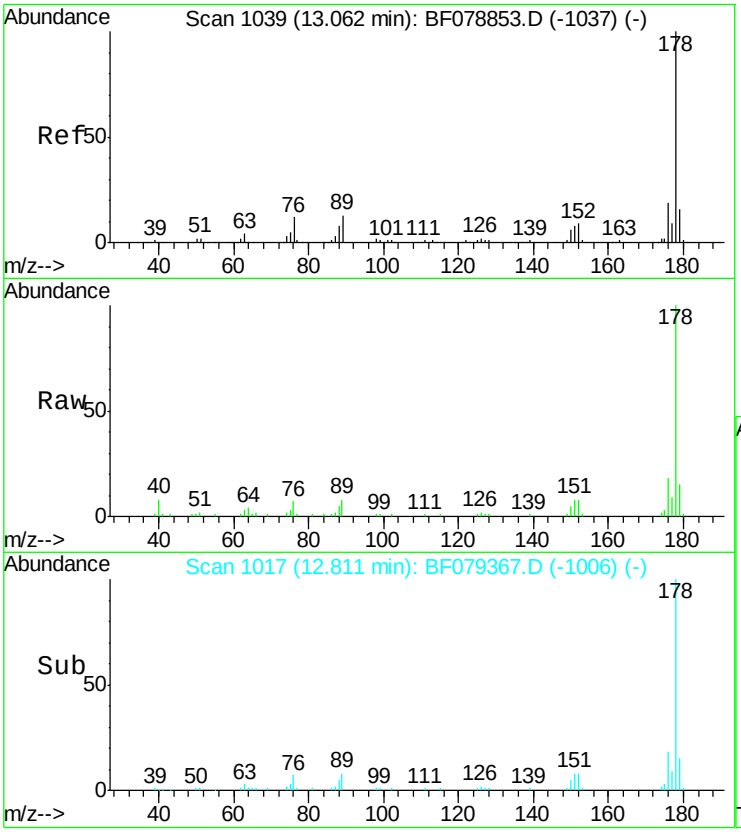


#70
Phenanthrene
Concen: 20.63 ng
RT: 12.74 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:178 Resp: 202870

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.2	12.2	18.4



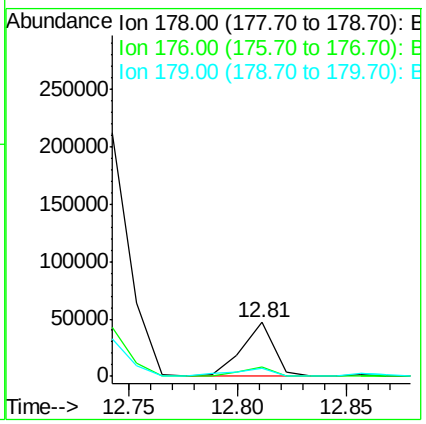


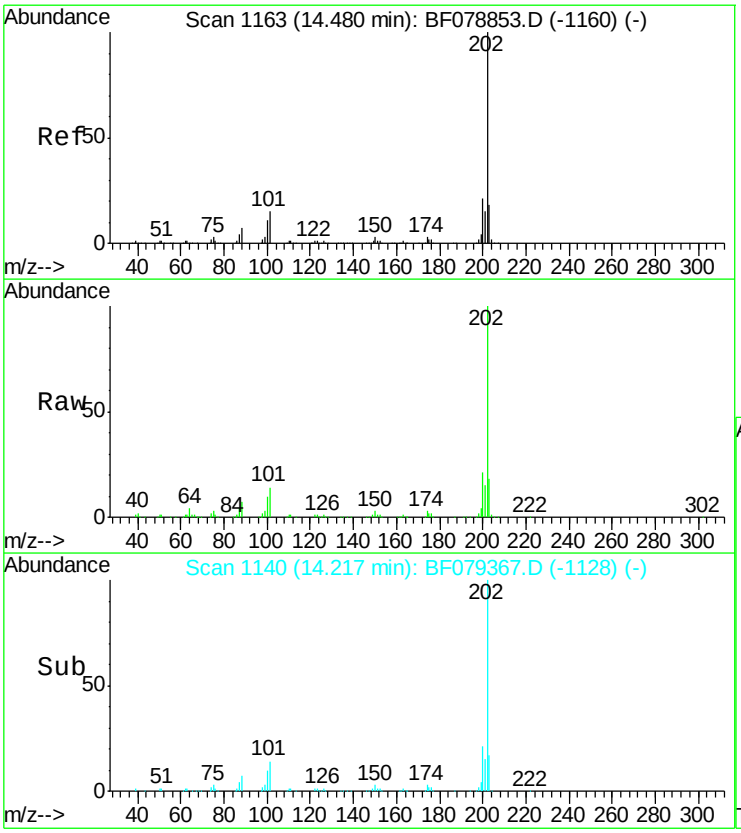
#71
Anthracene
Concen: 4.94 ng
RT: 12.81 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:178 Resp: 47641

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.0	12.6	19.0

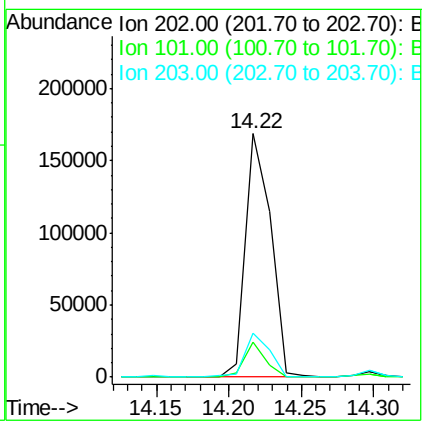


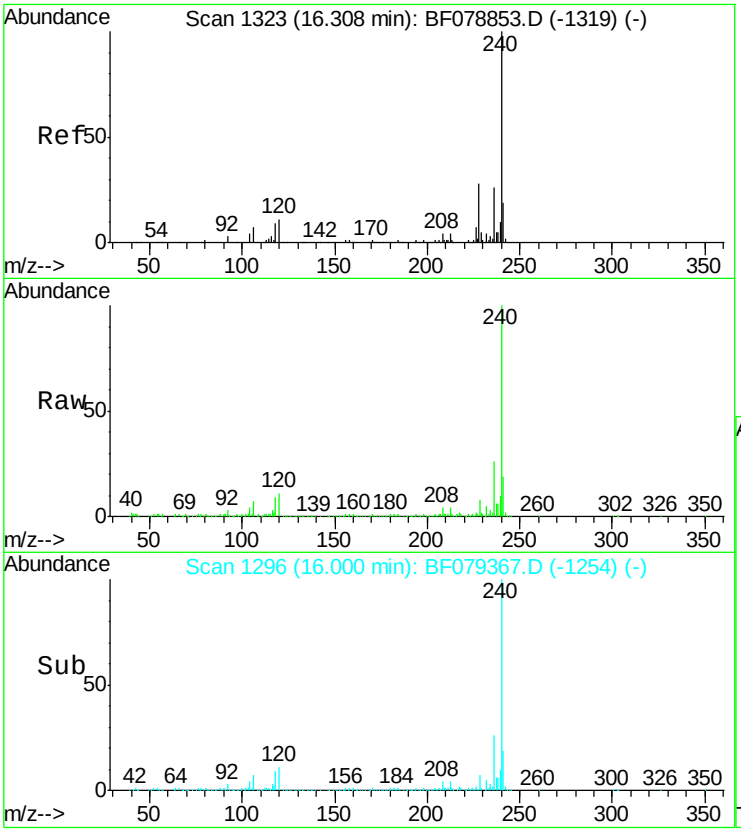


#74
Fluoranthene
Concen: 20.00 ng
RT: 14.22 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:202 Resp: 204877

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.7
203	17.9	0.0	37.9



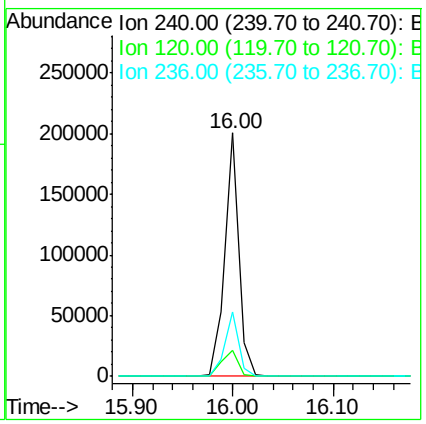


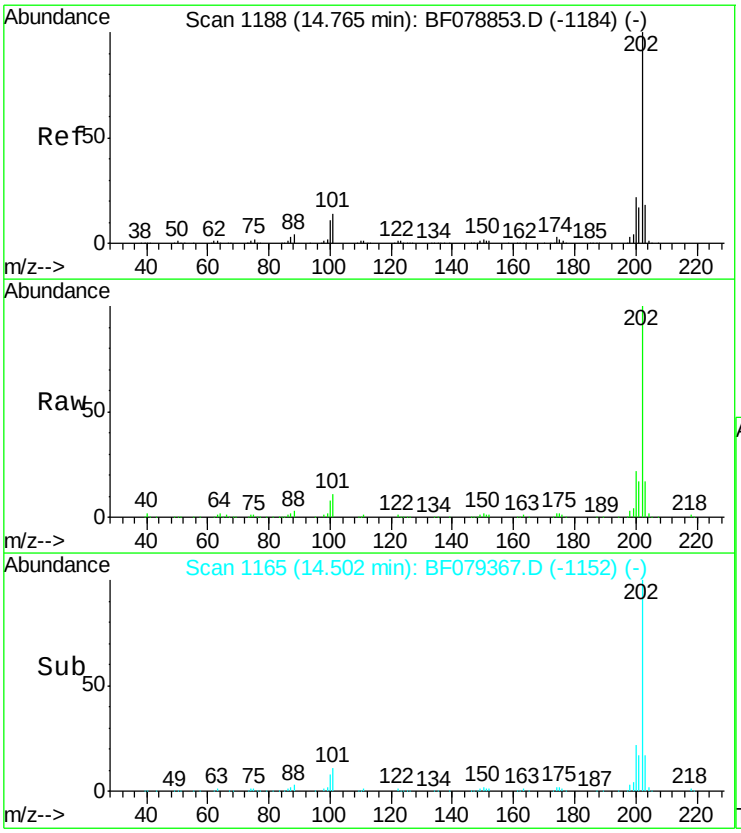
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:240 Resp: 196910

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.6	12.8
236	26.5	21.0	31.6

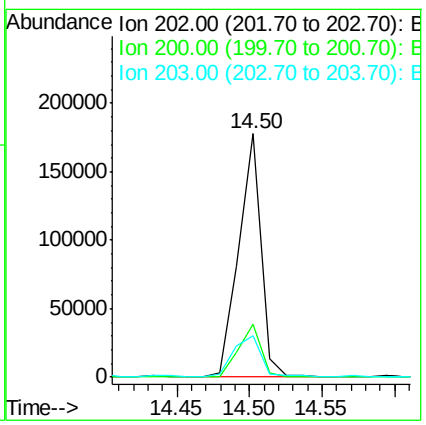


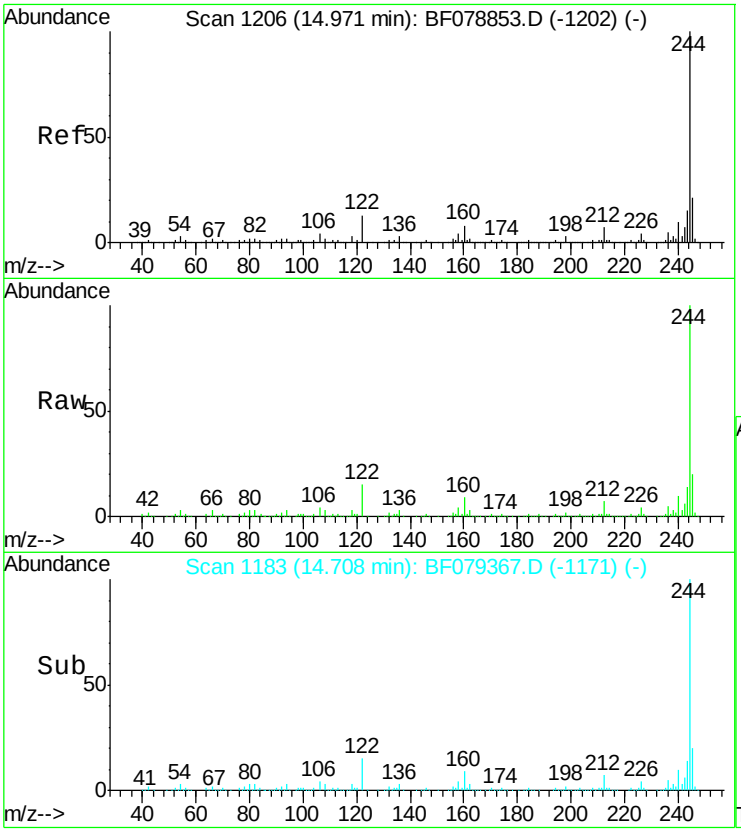


#77
Pyrene
Concen: 16.61 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:202 Resp: 188474

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	17.1	14.7	22.1



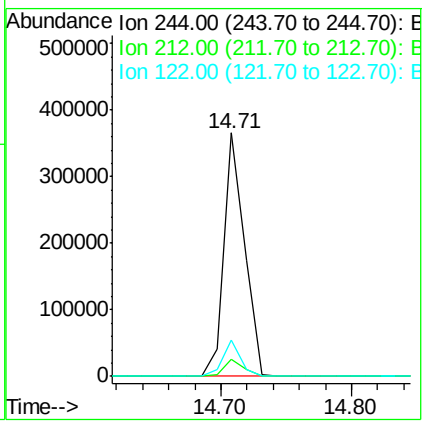


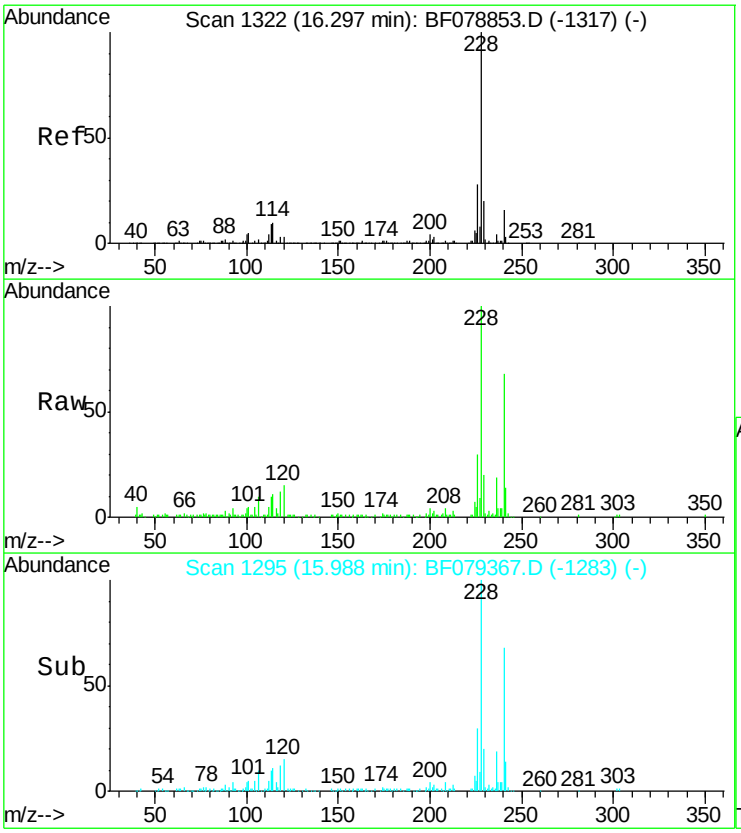
#78
Terphenyl-d14
Concen: 48.81 ng
RT: 14.71 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:244 Resp: 401434

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	14.7	10.5	15.7

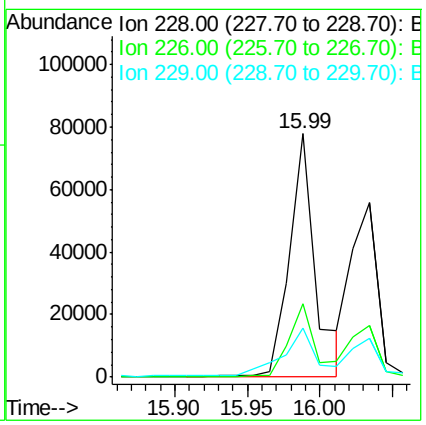


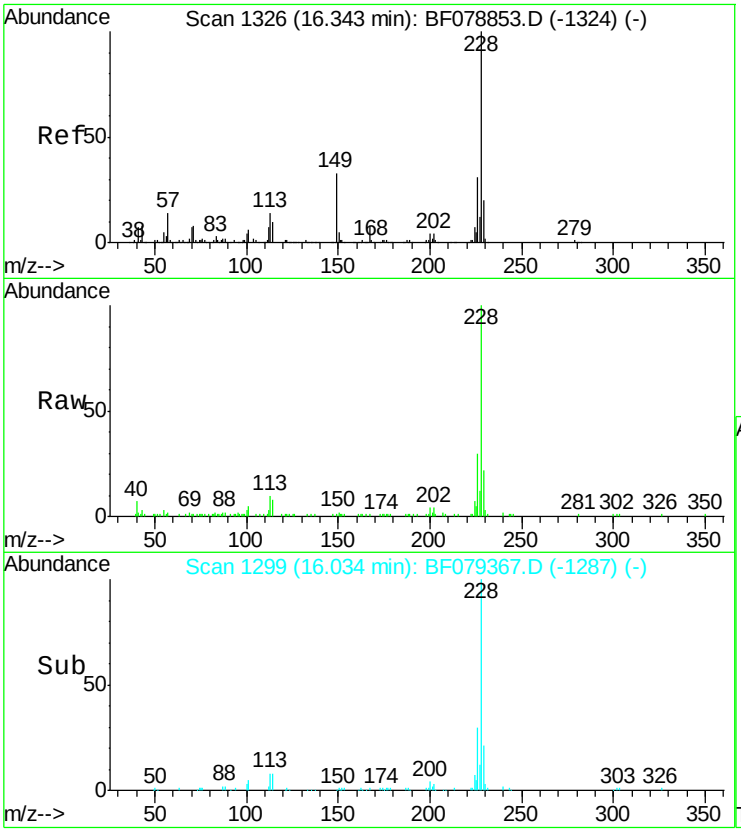


#80
Benzo(a)anthracene
Concen: 8.99 ng
RT: 15.99 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:228 Resp: 96944

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.3	33.5
229	20.1	16.1	24.1



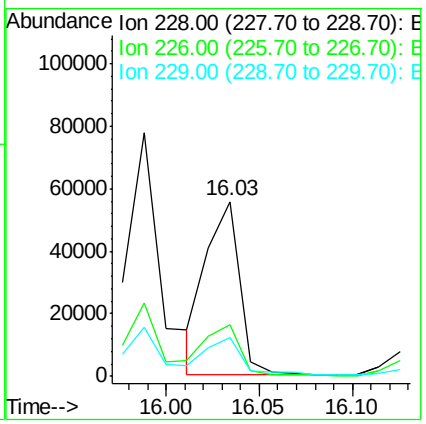


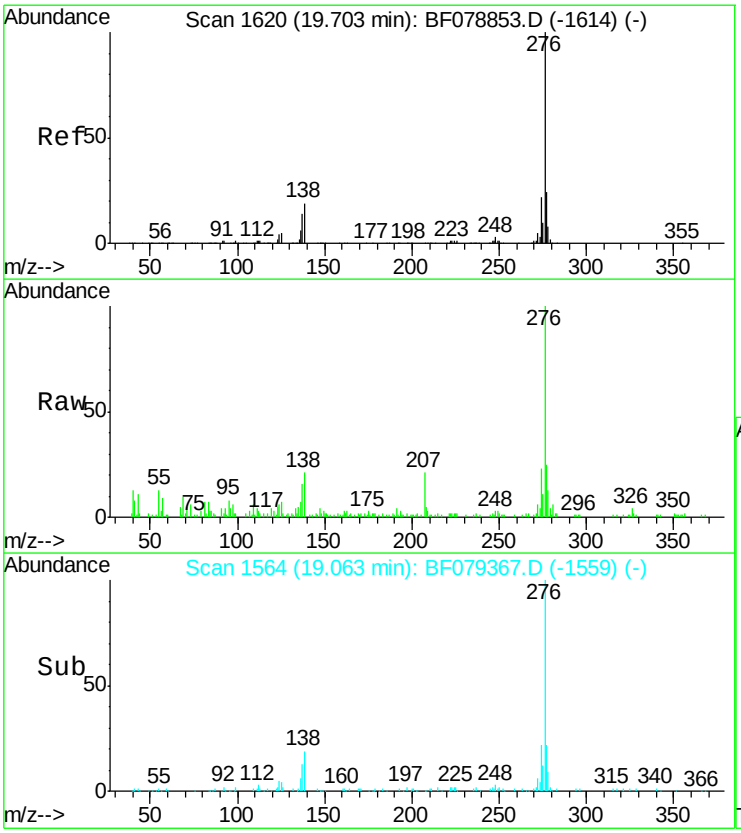
#82
Chrysene
Concen: 6.71 ng
RT: 16.03 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:228 Resp: 69554

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	22.0	16.1	24.1

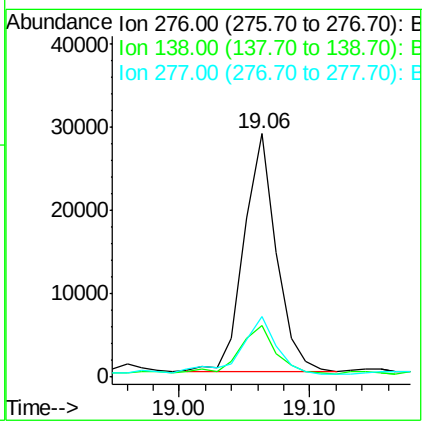


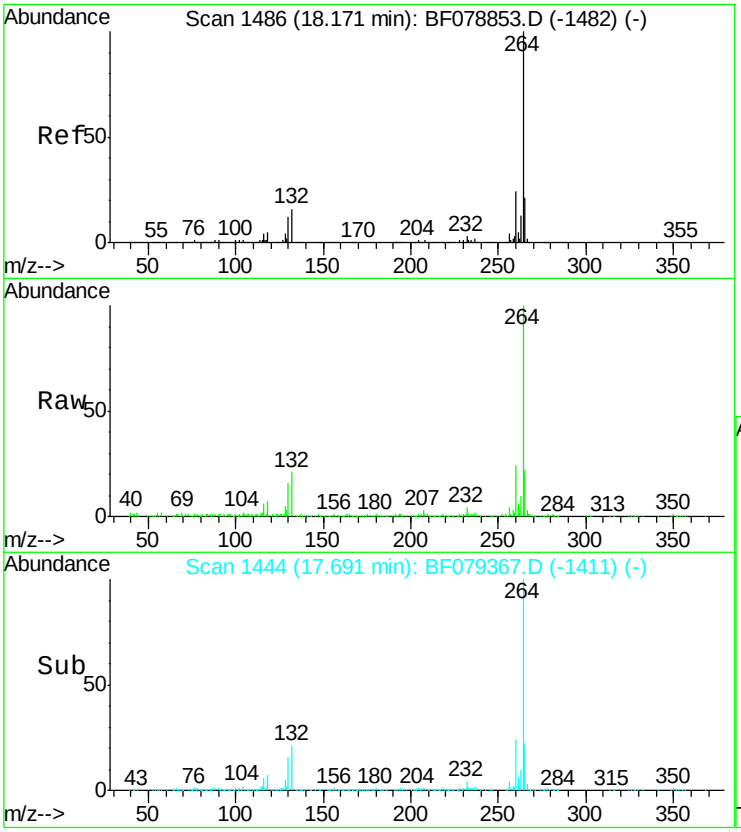


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.73 ng
RT: 19.06 min Scan# 1564
Delta R.T. -0.15 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:276 Resp: 49351

Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.1	31.7
277	26.0	19.9	29.9



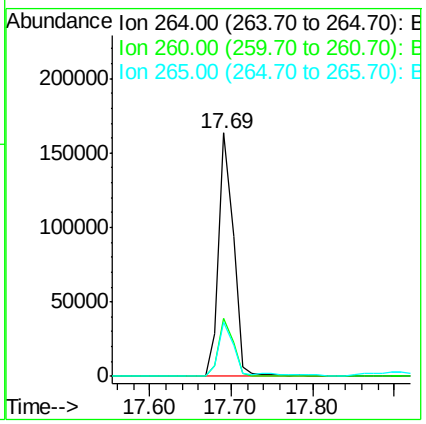


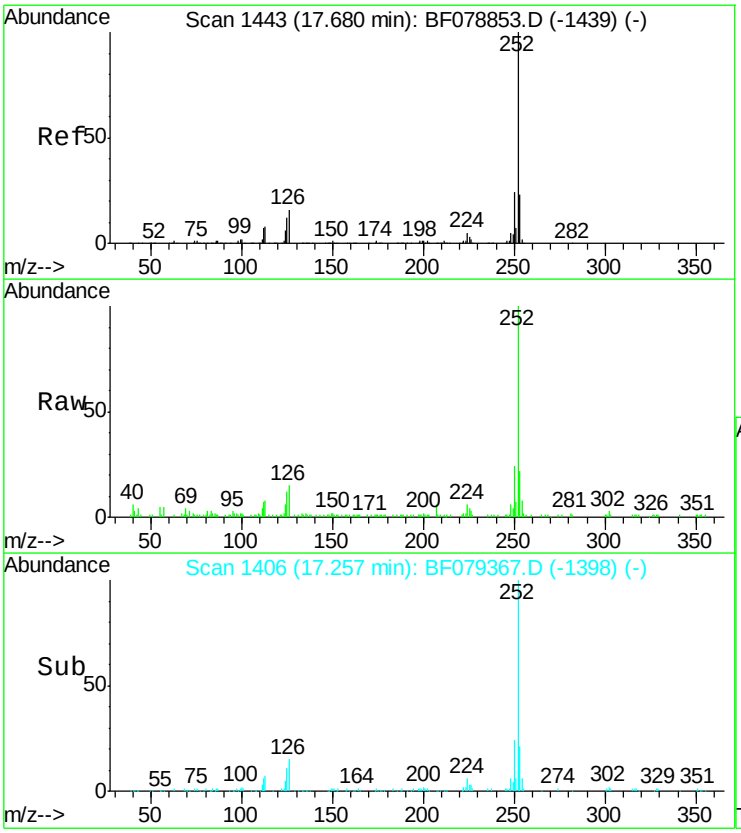
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.69 min Scan# 1444
Delta R.T. -0.13 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:264 Resp: 207419

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.2	25.8

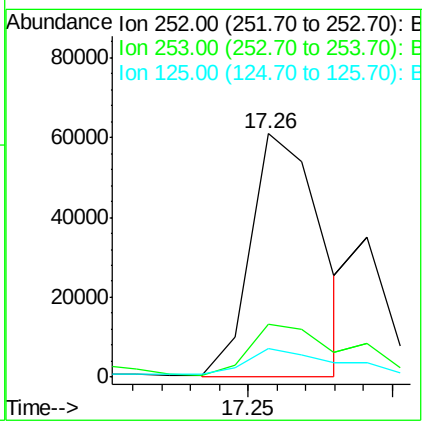


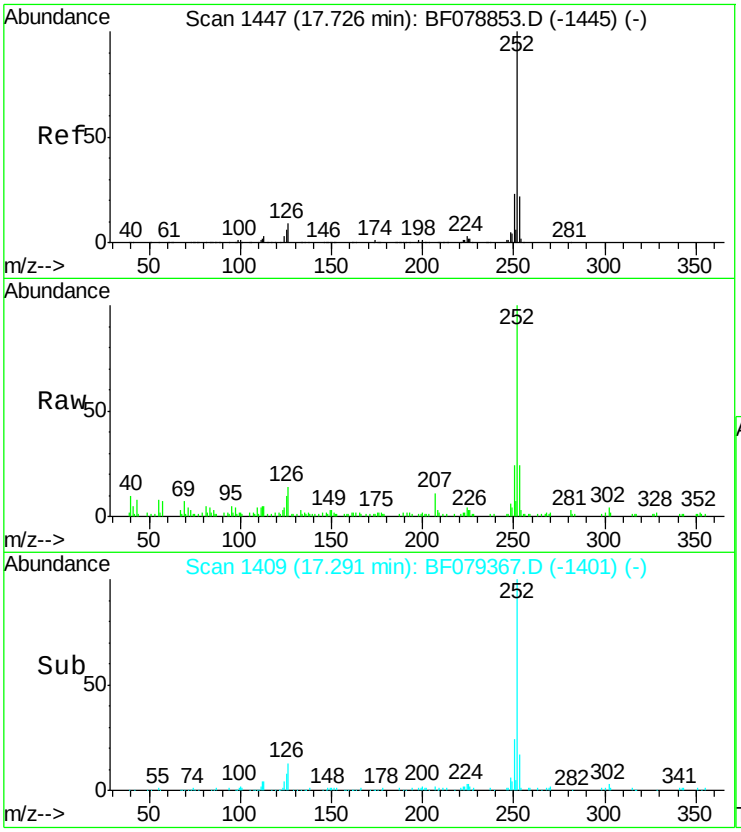


#87
Benzo(b)fluoranthene
Concen: 9.10 ng m
RT: 17.26 min Scan# 1406
Delta R.T. -0.09 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:252 Resp: 103305

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.9	9.4	14.2



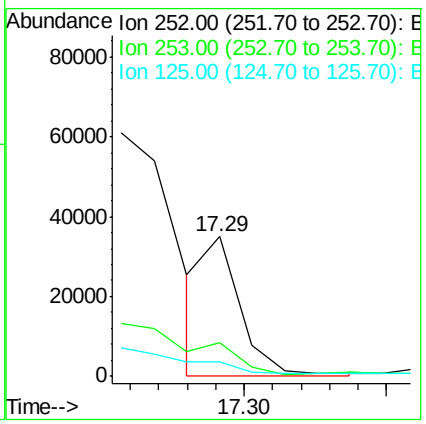


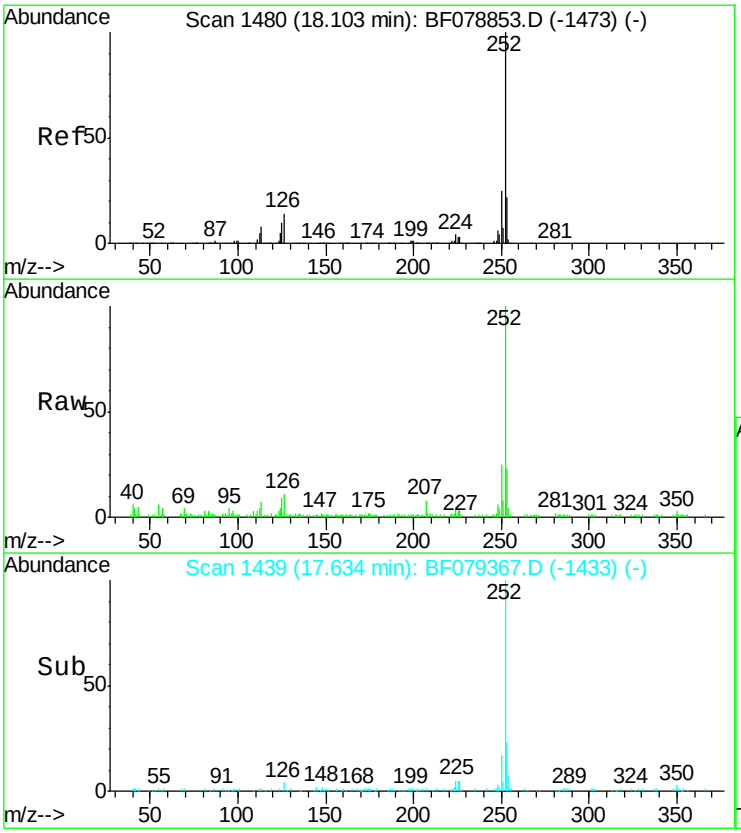
#88
Benzo(k)fluoranthene
Concen: 2.86 ng m
RT: 17.29 min Scan# 1409
Delta R.T. -0.09 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:252 Resp: 31386

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	10.2	6.1	9.1#

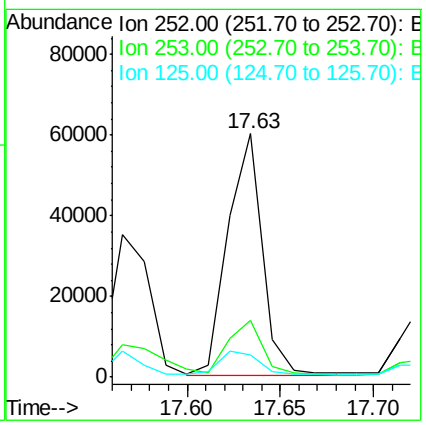


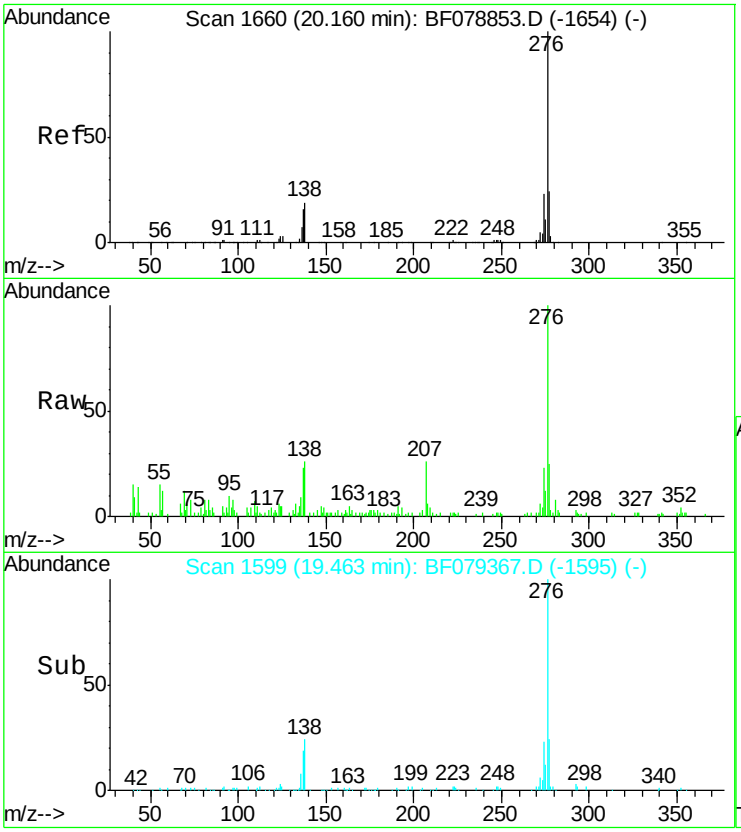


#89
Benzo(a)pyrene
Concen: 7.42 ng
RT: 17.63 min Scan# 1439
Delta R.T. -0.11 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Tgt Ion:252 Resp: 77575

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	9.2	8.2	12.2





#91
Benzo(g,h,i)perylene
Concen: 4.18 ng
RT: 19.46 min Scan# 1599
Delta R.T. -0.16 min
Lab File: BF079367.D
Acq: 20 May 2015 5:26

Instrument :
BNA_F
ClientSampleId :
SB-34D

Tgt Ion:276 Resp: 46538

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	25.6	15.2	22.8#