Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079471.D
Acq On : 23 May 2015 12:13
Operator : TP/IZ
Sample : G2359-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-28D

Quant Time: May 25 07:03:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 25 06:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	76573	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	314722	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	149611	20.00	ng		0.00
63) Phenanthrene-d10	12.64	188	274711	20.00	ng		0.01
75) Chrysene-d12	15.92	240	282678	20.00	ng		0.01
86) Perylene-d12	17.66	264	283846	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	7.75	82	207466	37.89	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	99076	61.21	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	535220	49.84	ng		0.00
78) Terphenyl-d14	14.63	244	517017	43.79	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.49	163	38126	3.47	ng	#	98
51) Acenaphthene	10.83	154	27622	3.04	ng		98
55) 4-Nitrophenol	11.05	139	9404	4.39	ng	#	1
57) Fluorene	11.47	166	35997	3.34	ng		97
70) Phenanthrene	12.66	178	492475	32.04	ng		100
71) Anthracene	12.73	178	146043	9.69	ng		100
72) Carbazole	12.95	167	35178	2.45	ng		98
74) Fluoranthene	14.14	202	756177	47.22	ng		98
77) Pyrene	14.41	202	695704	42.71	ng	#	94
80) Benzo(a)anthracene	15.91	228	439280	28.38	ng		97
82) Chrysene	15.95	228	304265	20.44	ng		97
85) Indeno(1,2,3-cd)pyrene	19.01	276	204377	10.77	ng		96
87) Benzo(b)fluoranthene	17.21	252	575283	37.03	ng		99
88) Benzo(k)fluoranthene	17.21	252	575283	38.25	ng	#	95
89) Benzo(a)pyrene	17.60	252	324330	22.67	ng		99
90) Dibenzo(a,h)anthracene	19.02	278	54367	3.58	ng	#	90
91) Benzo(g,h,i)perylene	19.39	276	199810	13.11	ng	#	95

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

Quantitation Report (Not Reviewed)

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SB-28D

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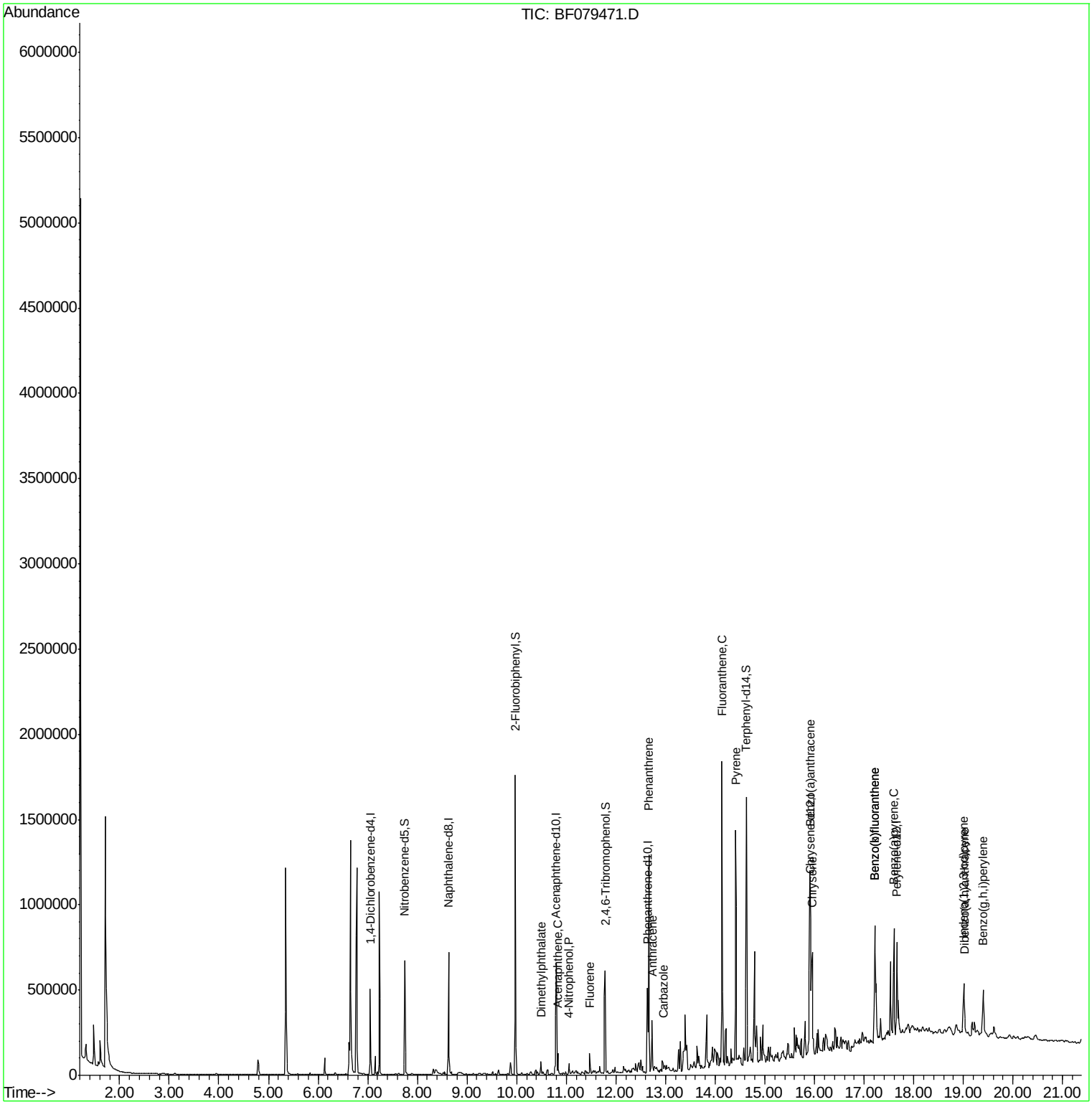
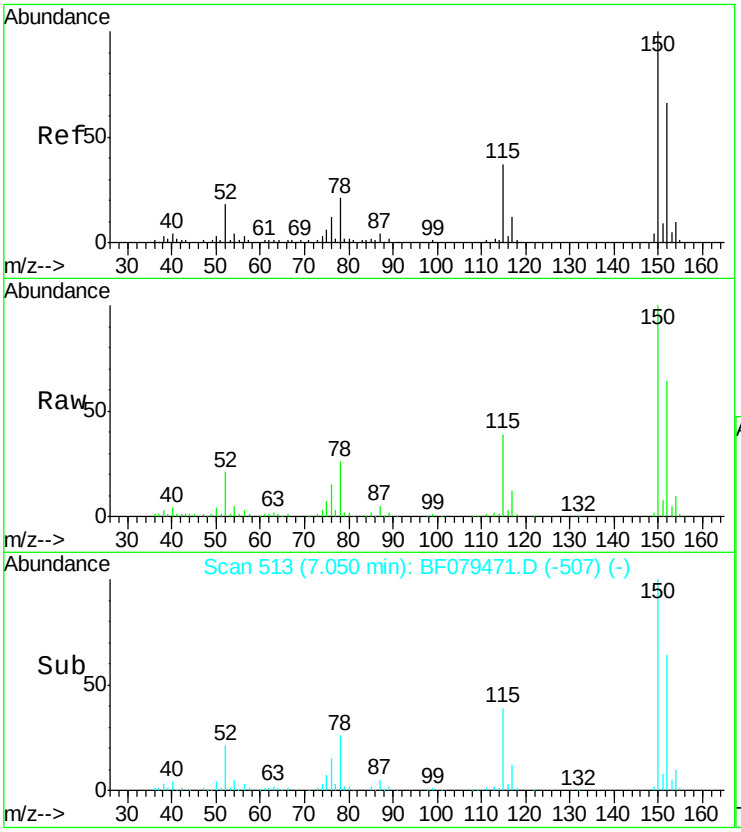


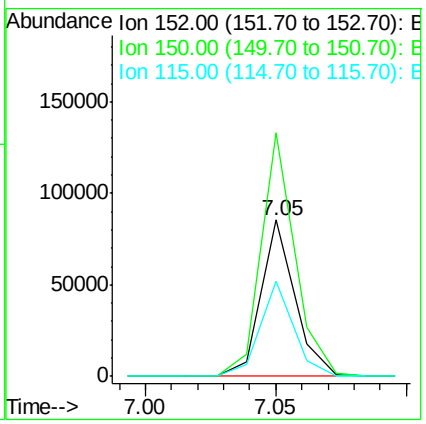


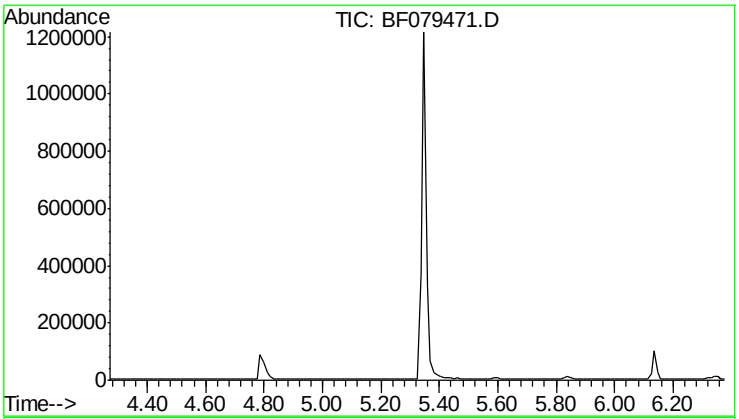
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

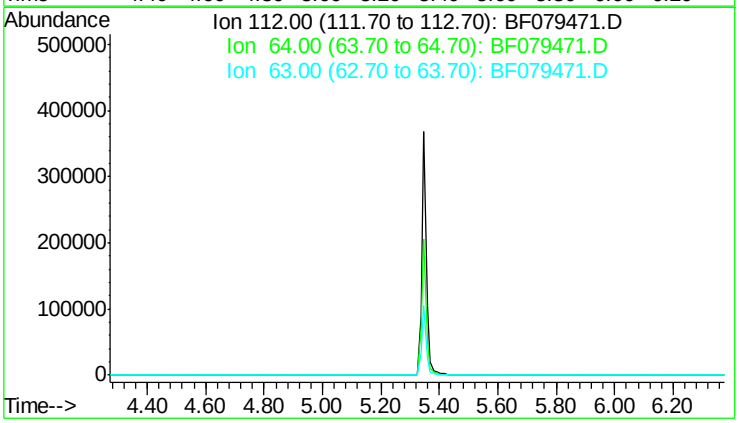
Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:152 Resp: 76573

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.8	185.8
115	61.1	49.4	74.0





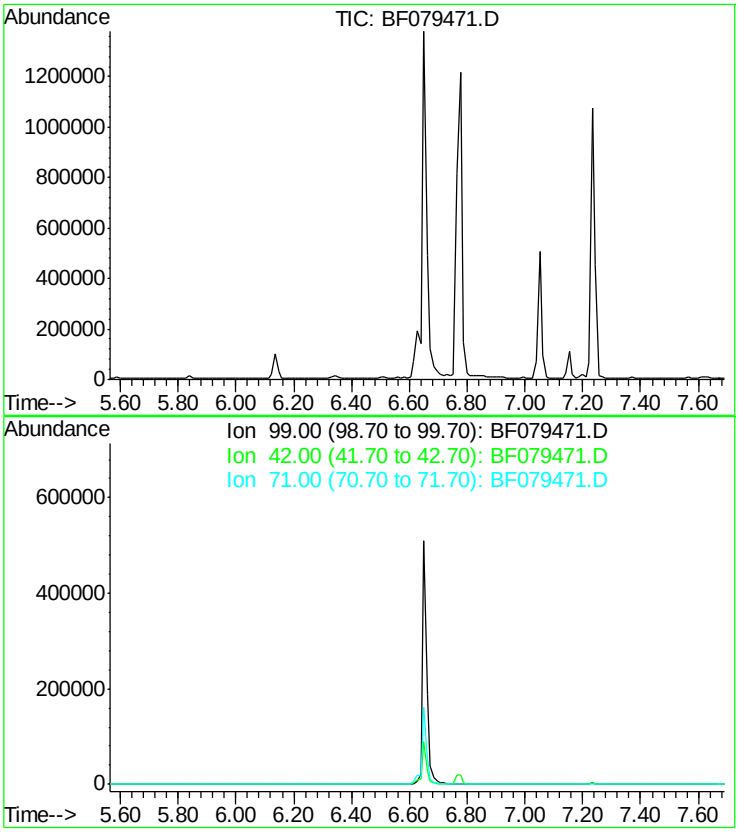


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.32 min

Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4



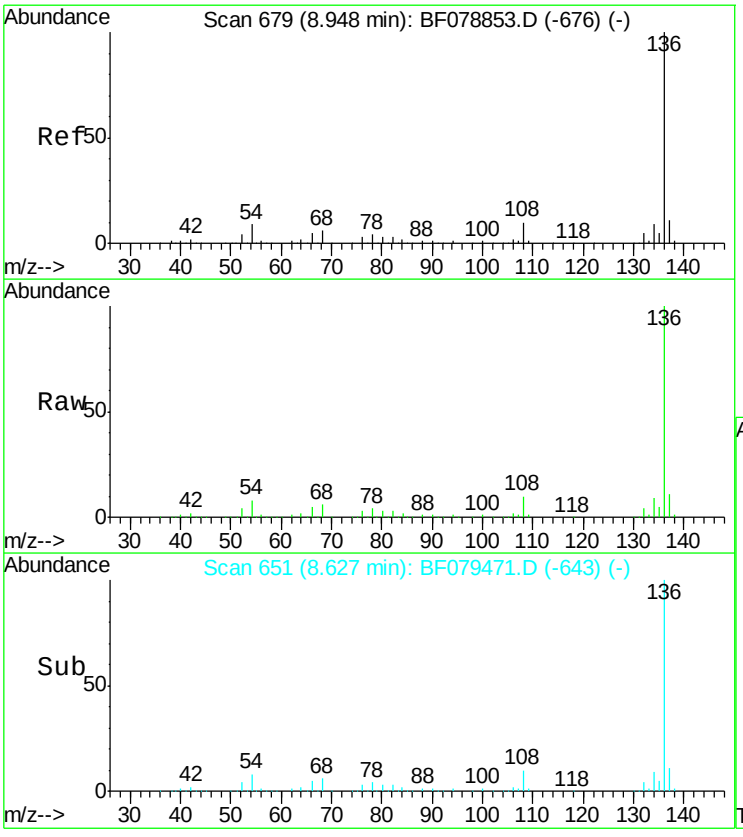
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.63 min

Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

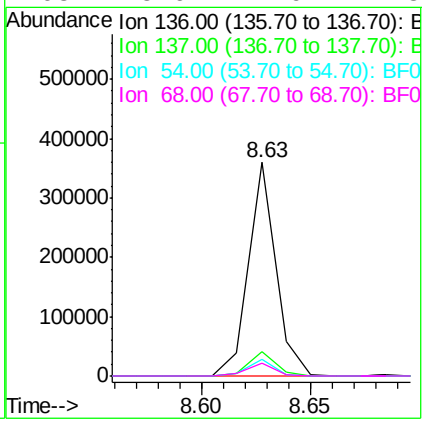
Instrument :
BNA_F
ClientSampleId :
SB-28D

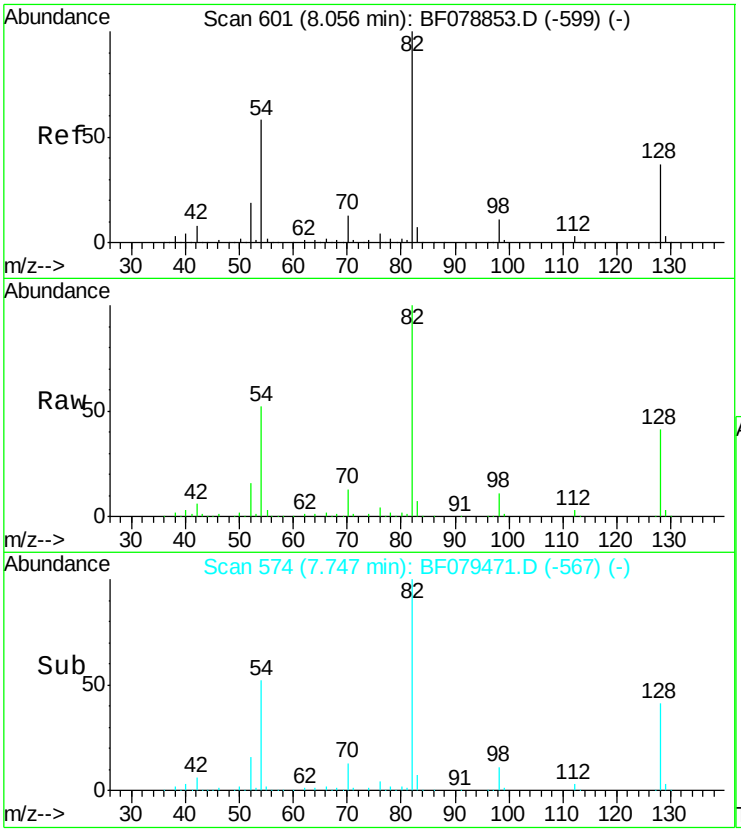


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:136 Resp: 314722

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	6.9	10.3
68	5.9	4.9	7.3



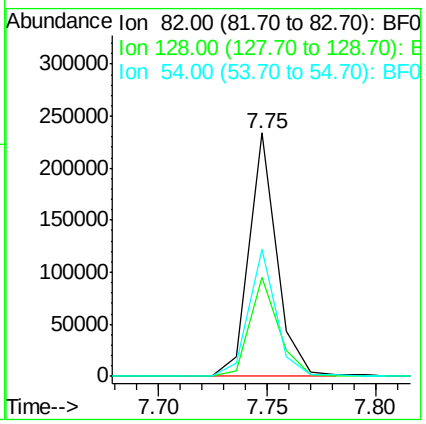


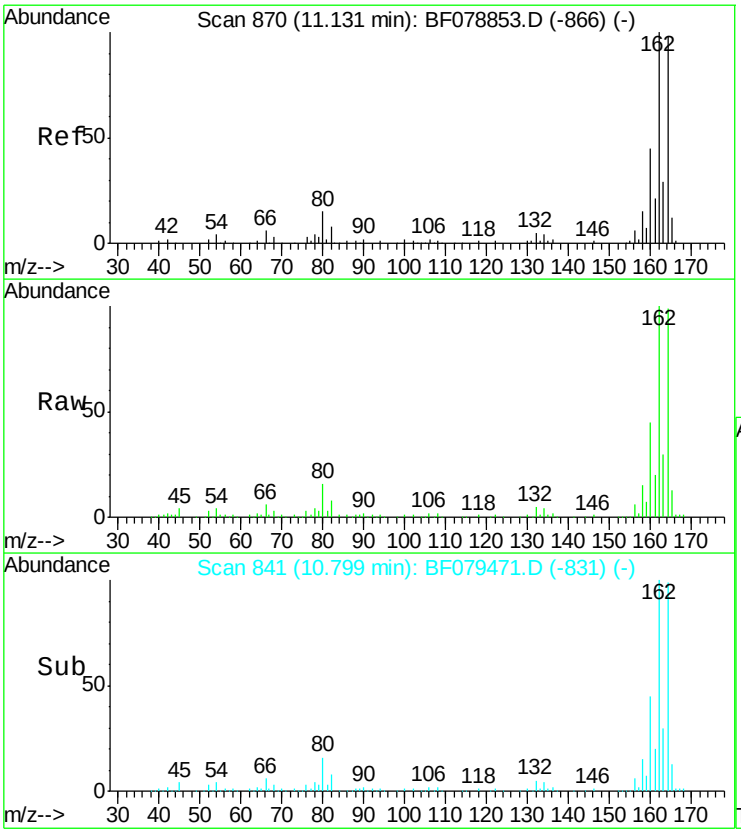
#23
Nitrobenzene-d5
Concen: 37.89 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion: 82 Resp: 207466

Ion	Ratio	Lower	Upper
82	100		
128	40.6	29.7	44.5
54	52.1	46.2	69.4

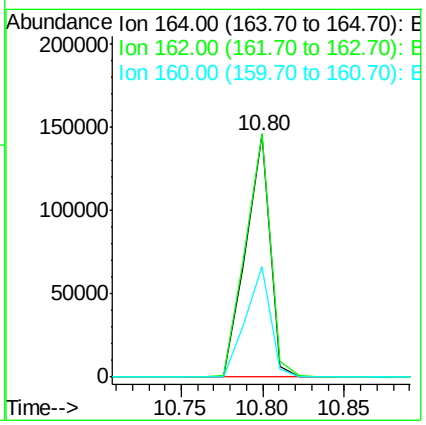


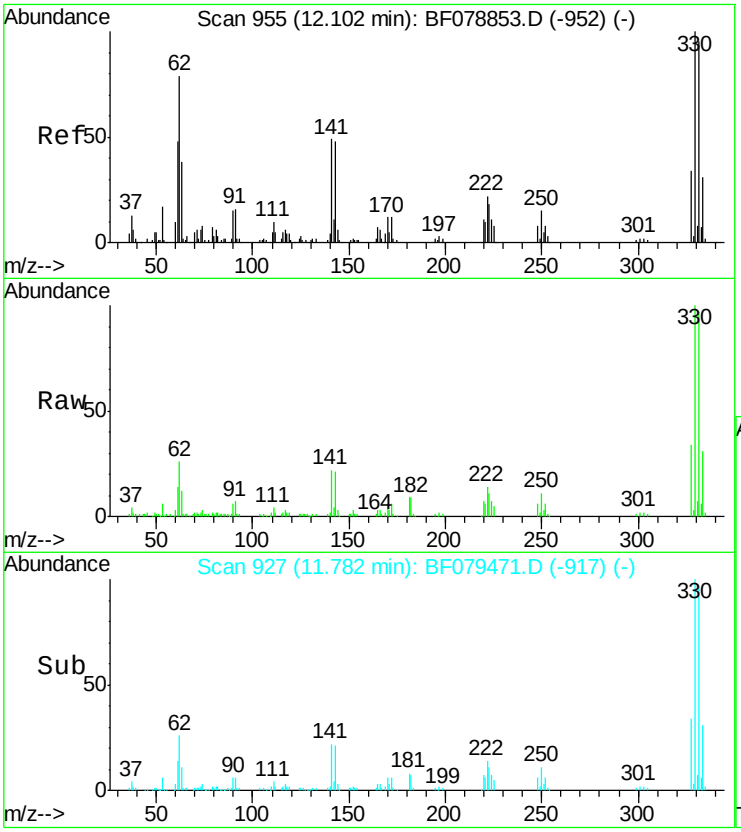


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:164 Resp: 149611

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.0
160	45.4	36.6	54.8



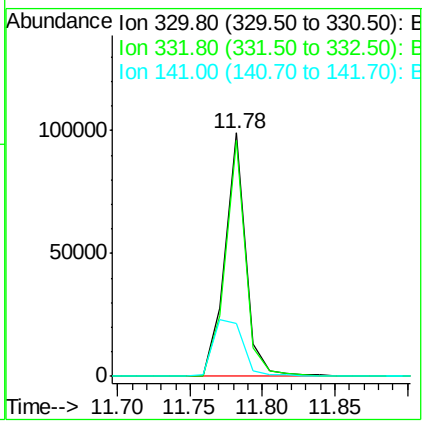


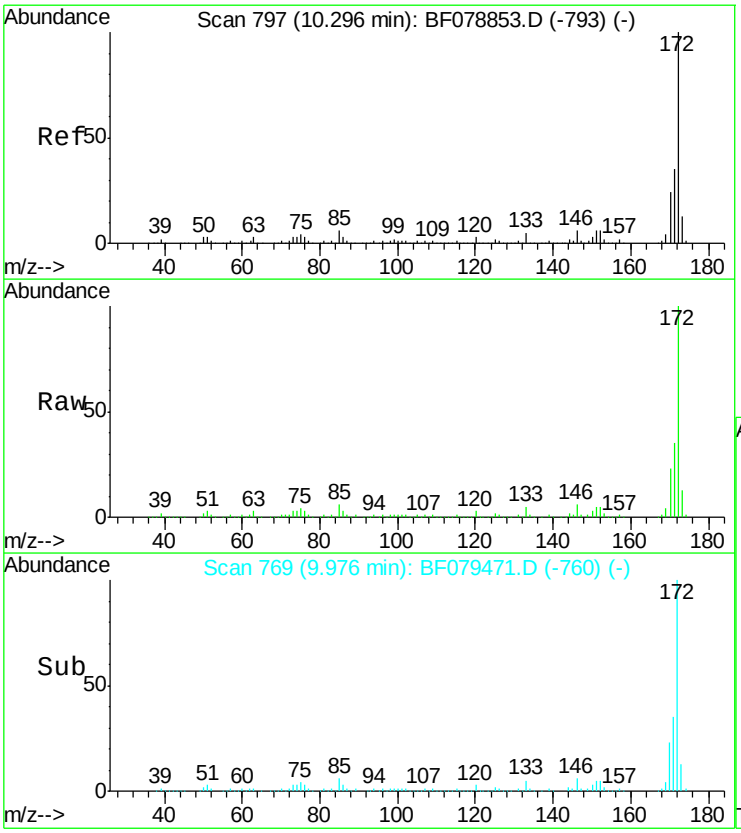
#41
2,4,6-Tribromophenol
Concen: 61.21 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:330 Resp: 99076

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	34.4	27.8	41.8

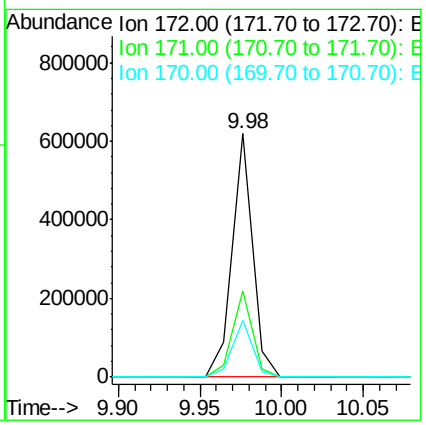


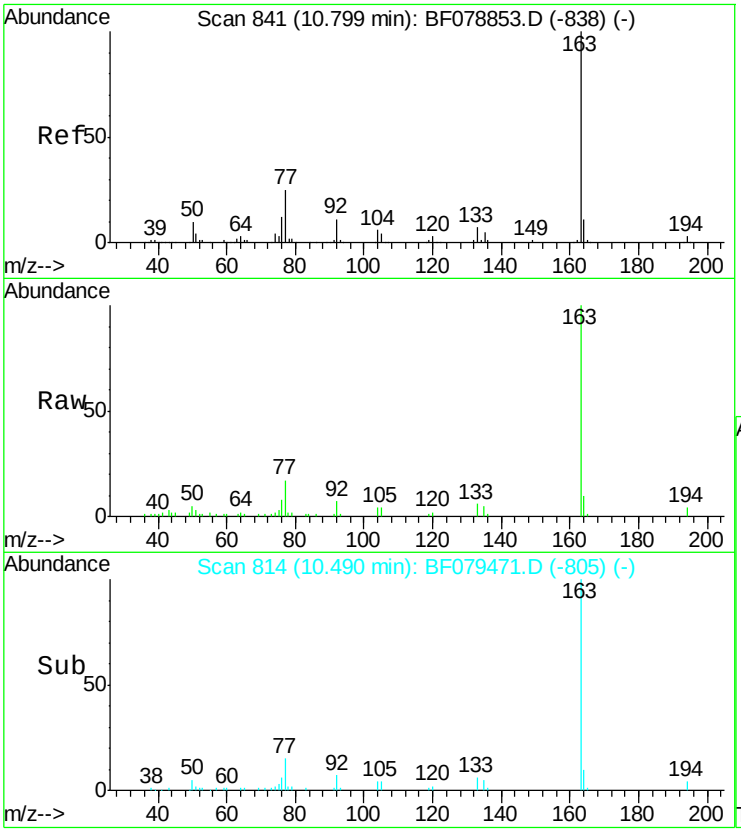


#44
2-Fluorobiphenyl
Concen: 49.84 ng
RT: 9.98 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:172 Resp: 535220

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.5	19.4	29.2



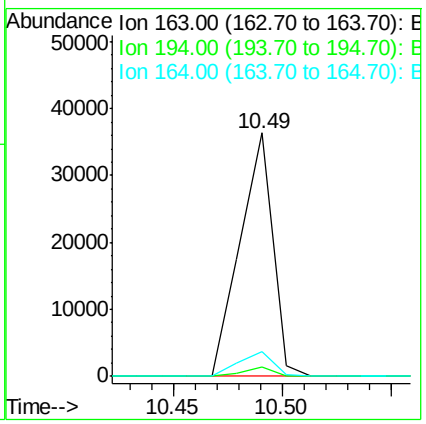


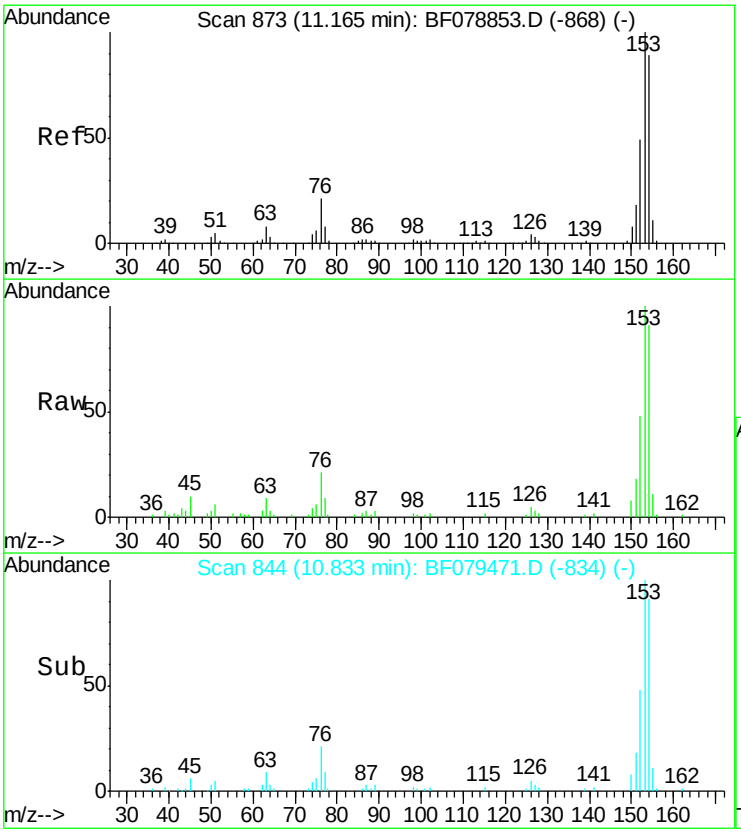
#49
Dimethylphthalate
Concen: 3.47 ng
RT: 10.49 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:163 Resp: 38126

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.4	3.6#
164	10.1	8.6	12.8

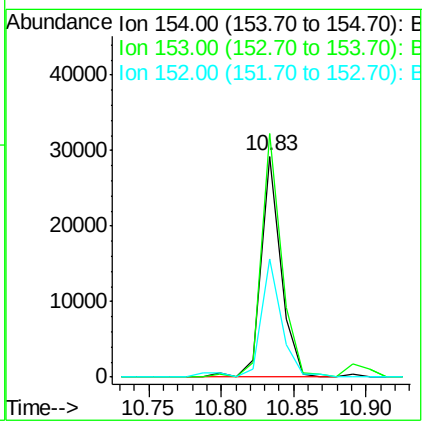


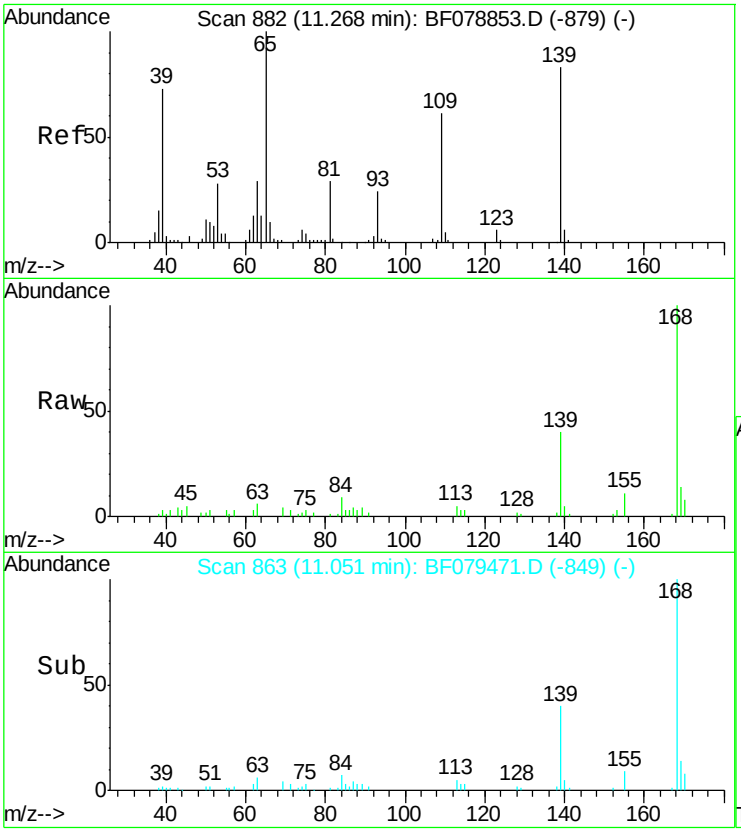


#51
Acenaphthene
Concen: 3.04 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:154 Resp: 27622

Ion	Ratio	Lower	Upper
154	100		
153	110.4	90.2	135.2
152	53.5	43.8	65.8



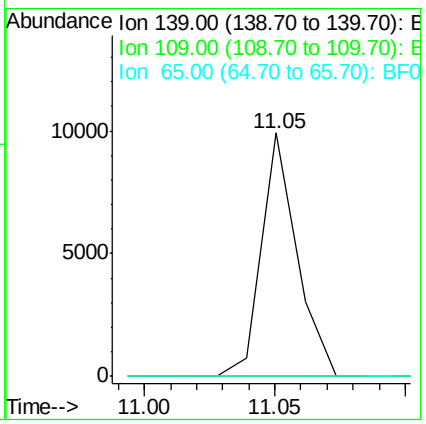


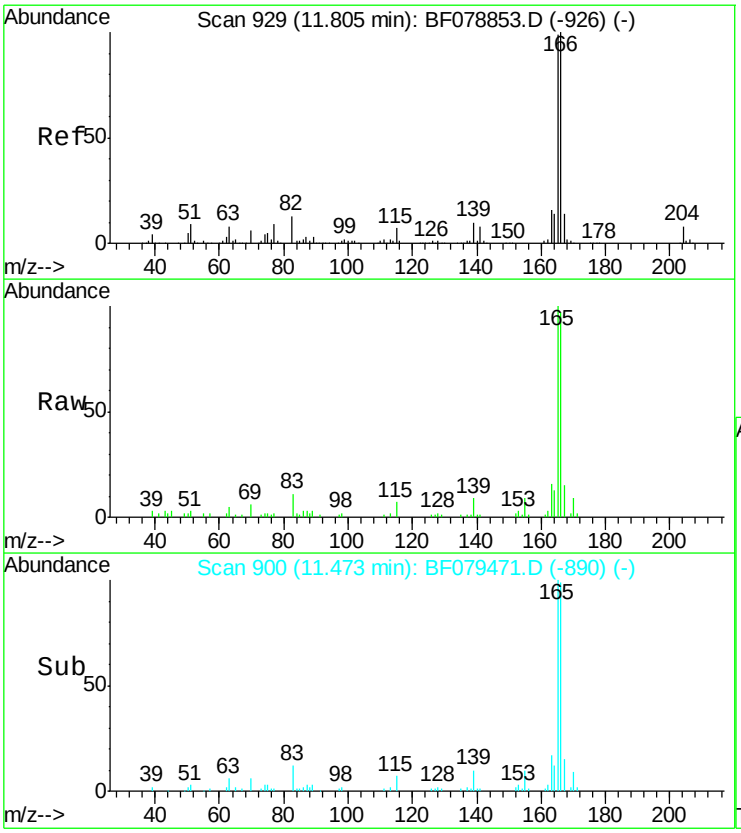
#55
4-Nitrophenol
Concen: 4.39 ng
RT: 11.05 min Scan# 863
Delta R.T. 0.05 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:139 Resp: 9404

Ion	Ratio	Lower	Upper
139	100		
109	0.0	54.4	94.4#
65	0.0	101.0	141.0#

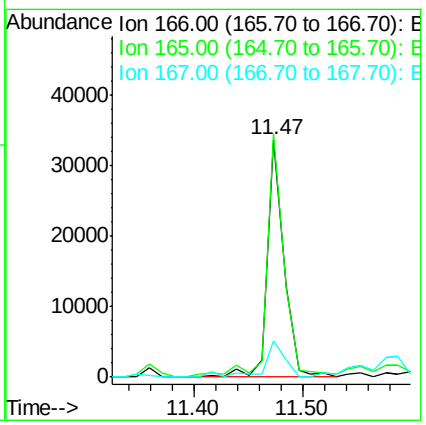


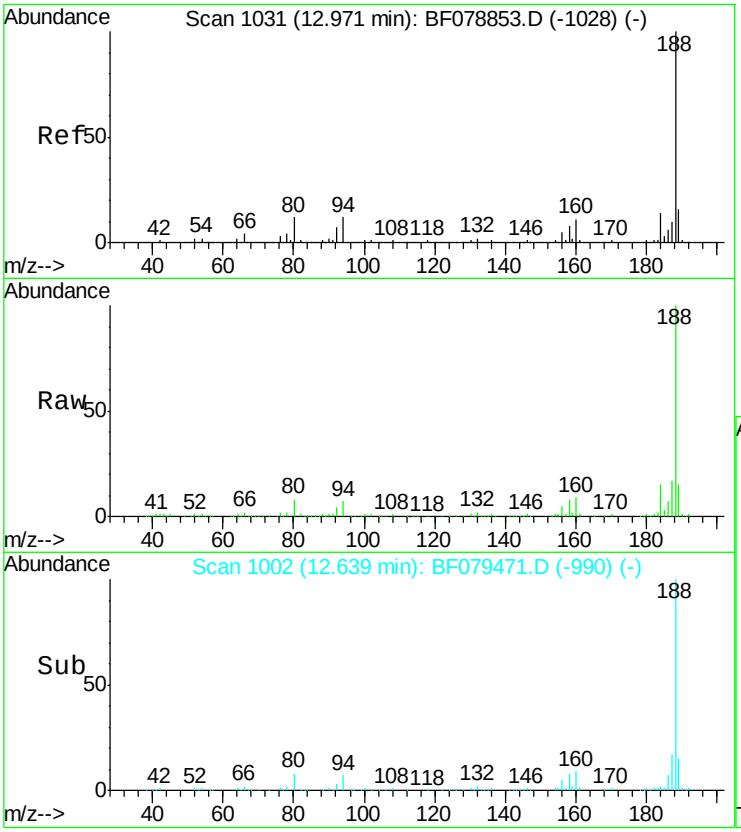


#57
Fluorene
Concen: 3.34 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:166 Resp: 35997

Ion	Ratio	Lower	Upper
166	100		
165	102.6	79.5	119.3
167	15.2	11.0	16.6



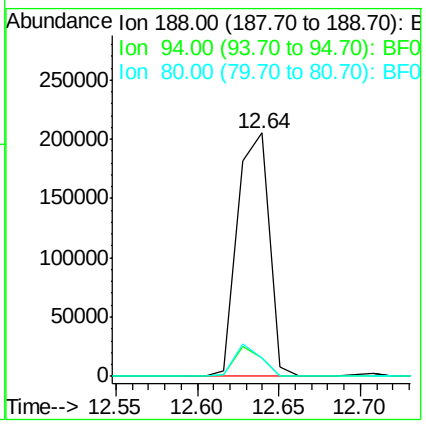


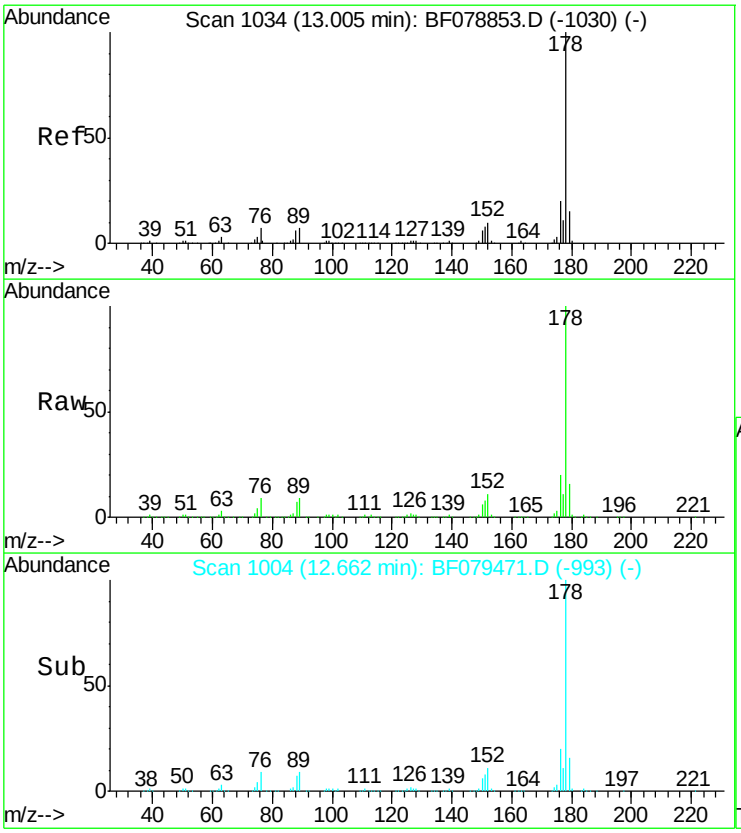
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.64 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:188 Resp: 274711

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.4	14.0#
80	7.7	9.8	14.6#

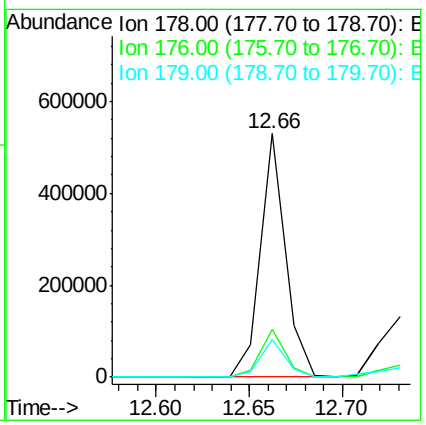


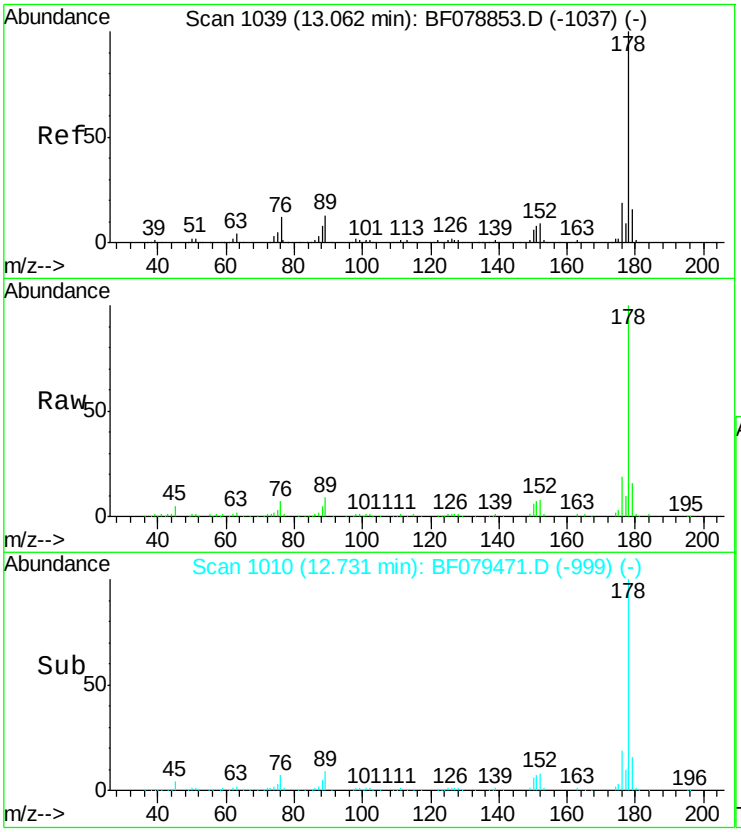


#70
Phenanthrene
Concen: 32.04 ng
RT: 12.66 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:178 Resp: 492475

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.6	12.2	18.4



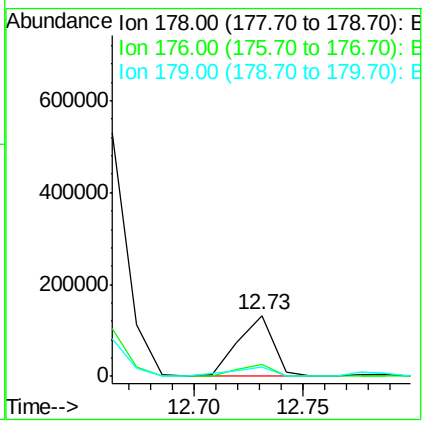


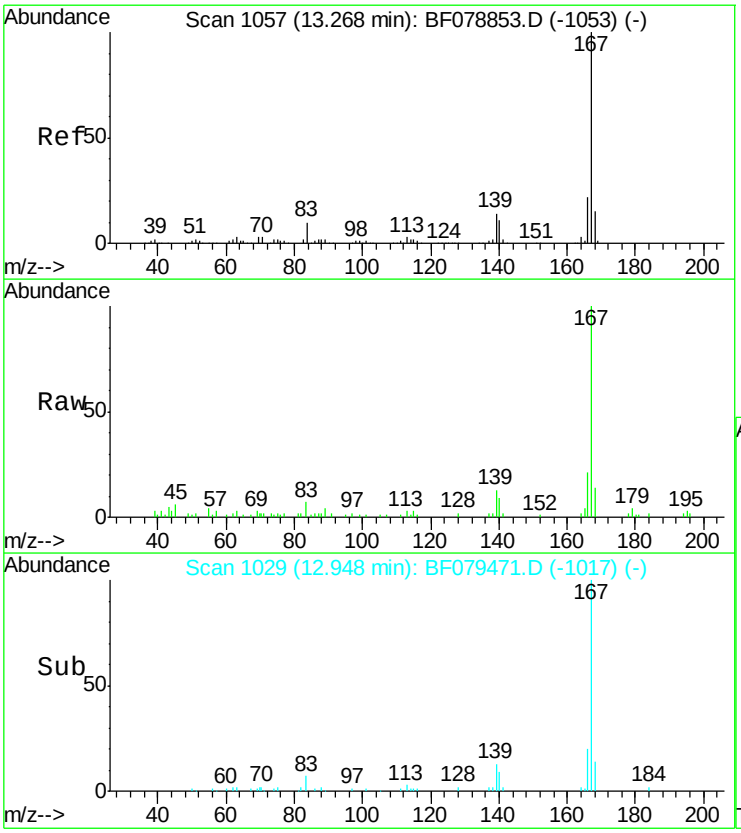
#71
Anthracene
Concen: 9.69 ng
RT: 12.73 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:178 Resp: 146043

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.7	12.6	19.0

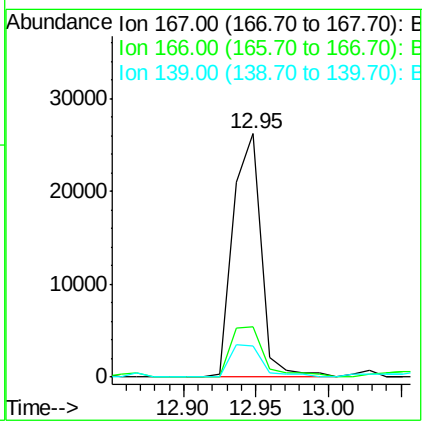


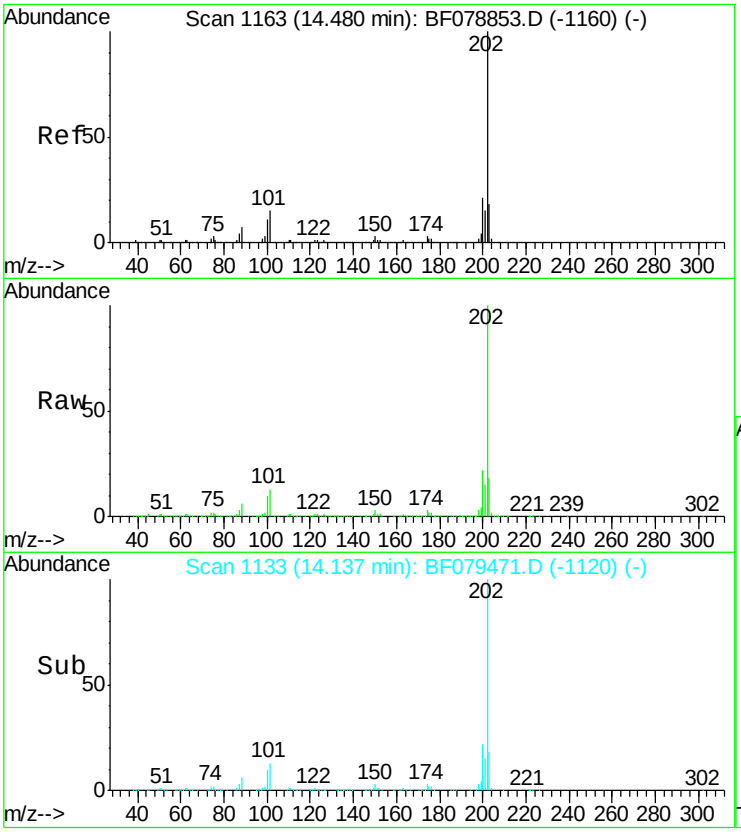


#72
Carbazole
Concen: 2.45 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:167 Resp: 35178

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.5	26.3
139	12.9	11.0	16.4



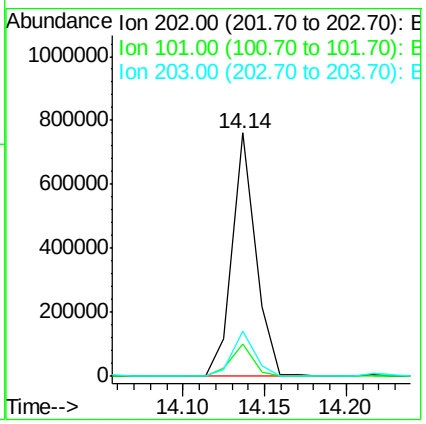


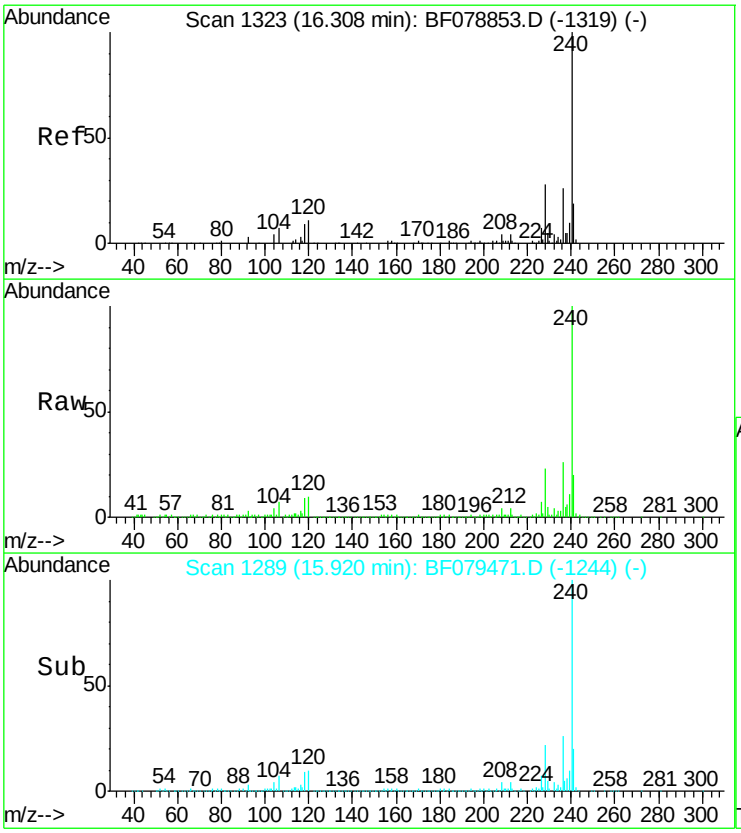
#74
Fluoranthene
Concen: 47.22 ng
RT: 14.14 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:202 Resp: 756177

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.7
203	18.5	0.0	37.9

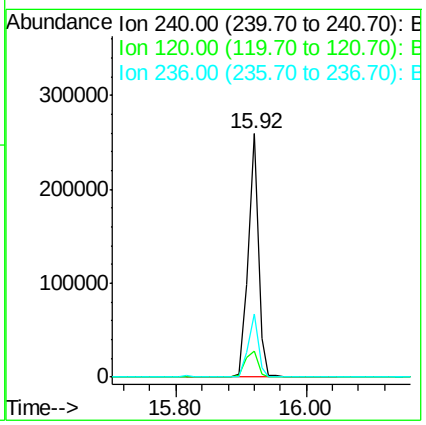


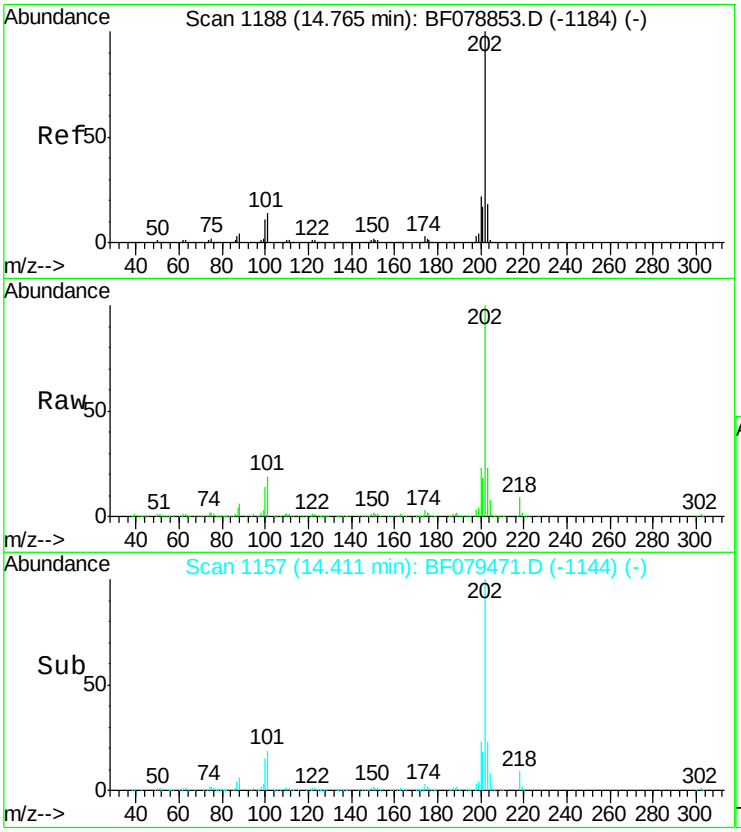


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:240 Resp: 282678

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	12.8
236	26.1	21.0	31.6



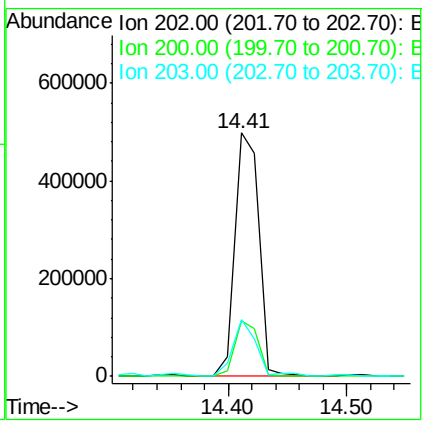


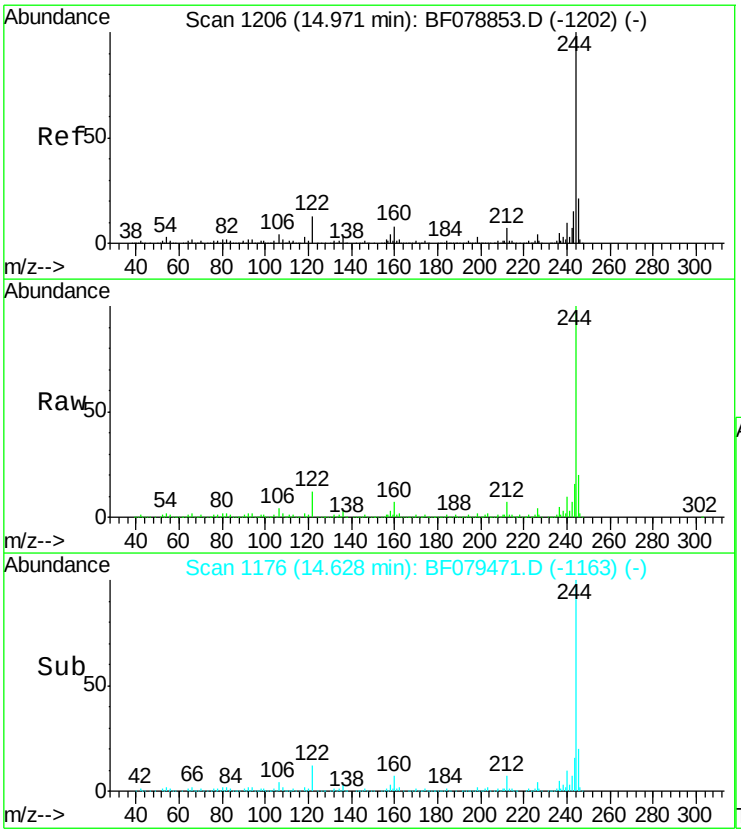
#77
Pyrene
Concen: 42.71 ng
RT: 14.41 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:202 Resp: 695704

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.5	26.3
203	23.2	14.7	22.1#

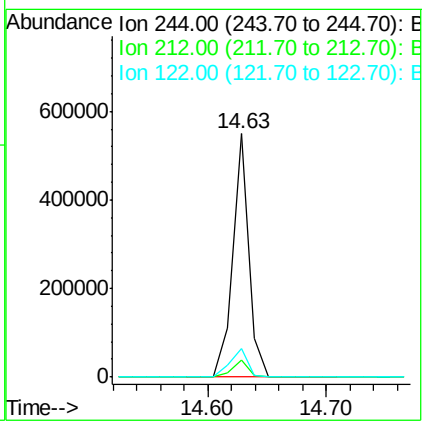


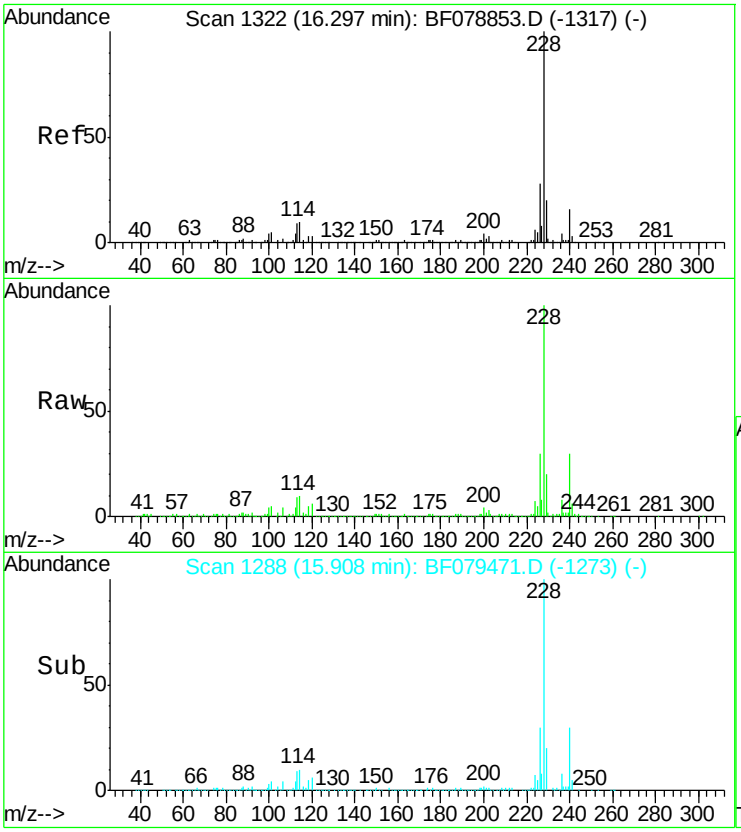


#78
Terphenyl-d14
Concen: 43.79 ng
RT: 14.63 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:244 Resp: 517017

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.7	10.5	15.7



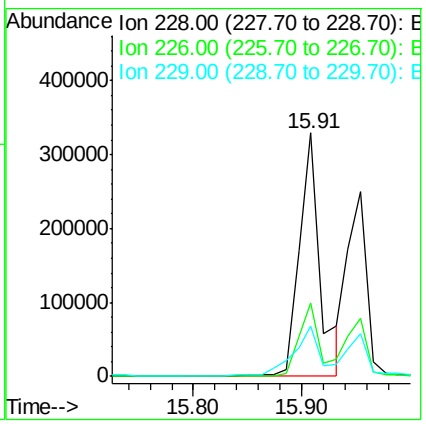


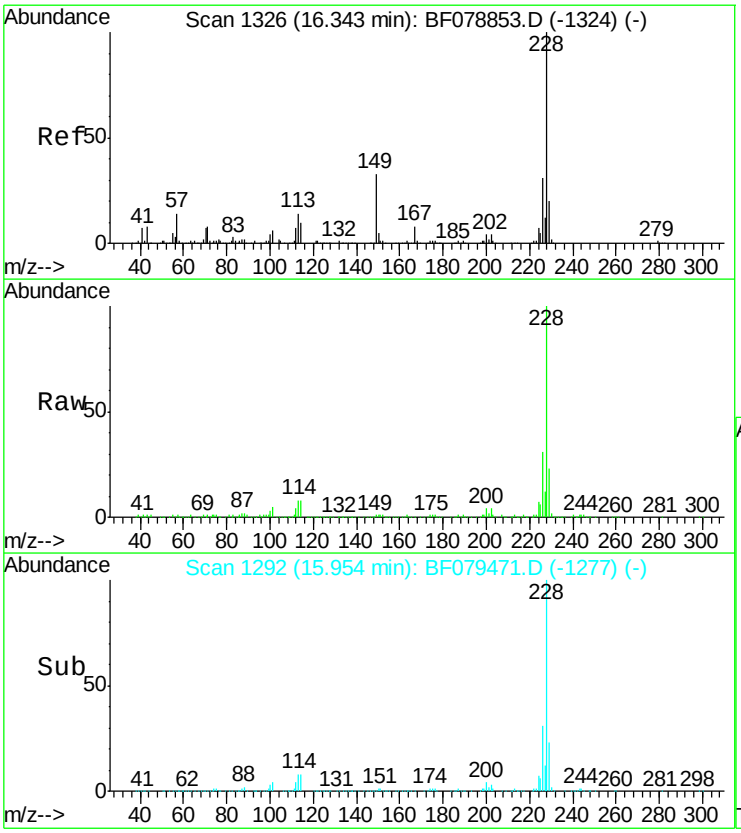
#80
Benzo(a)anthracene
Concen: 28.38 ng
RT: 15.91 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:228 Resp: 439280

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.3	33.5
229	20.4	16.1	24.1

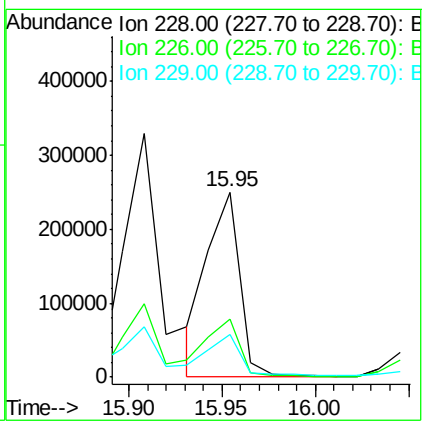


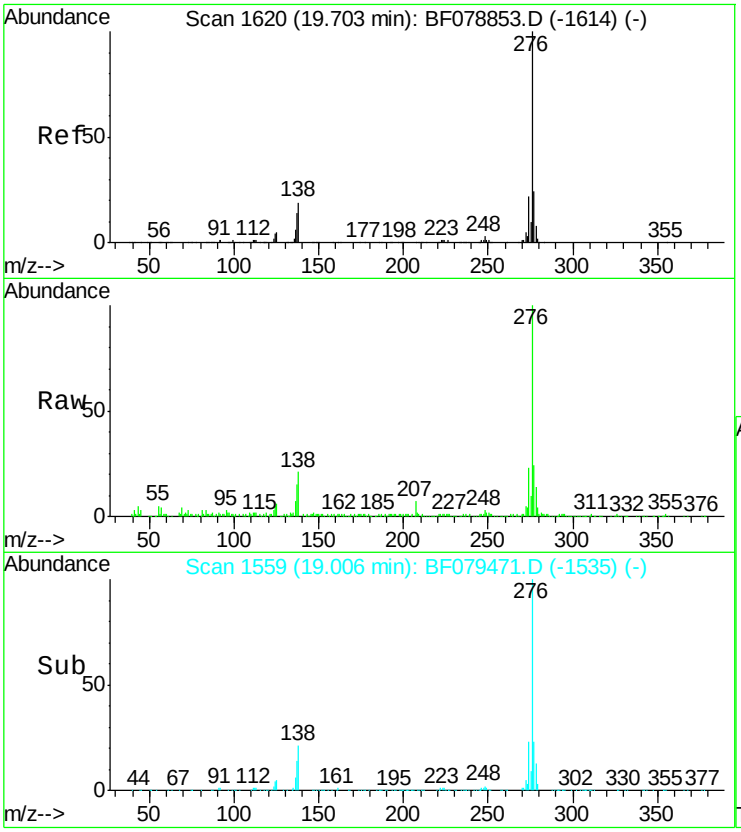


#82
Chrysene
Concen: 20.44 ng
RT: 15.95 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:228 Resp: 304265

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	22.9	16.1	24.1



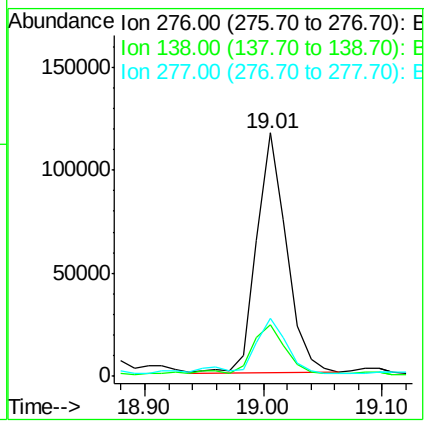


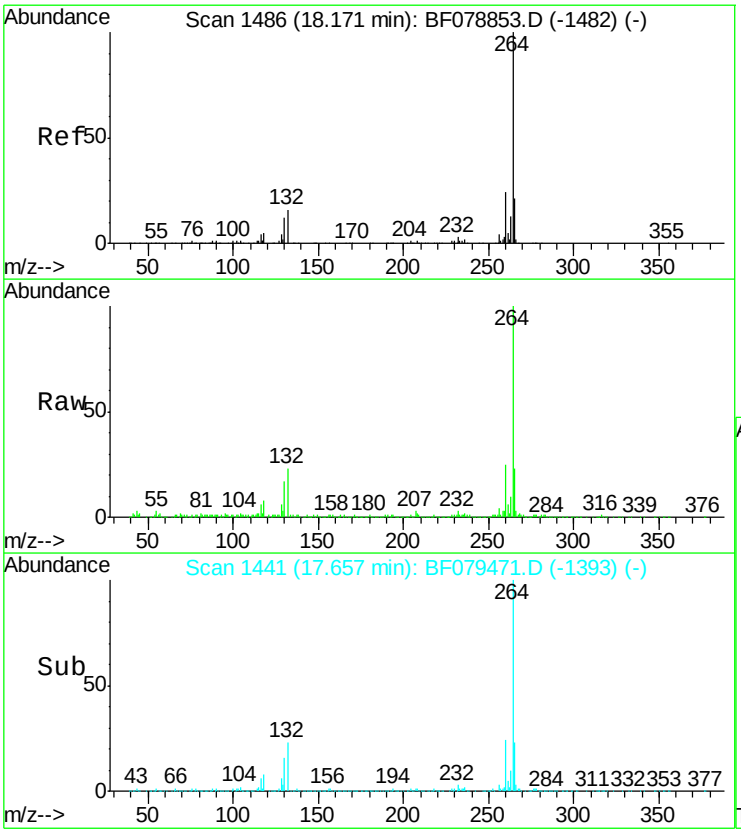
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.77 ng
RT: 19.01 min Scan# 1559
Delta R.T. 0.07 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:276 Resp: 204377

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.1	31.7
277	27.6	19.9	29.9

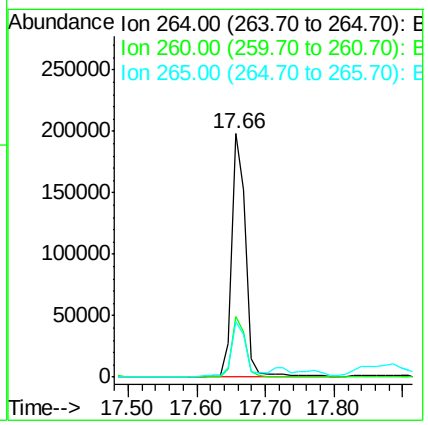


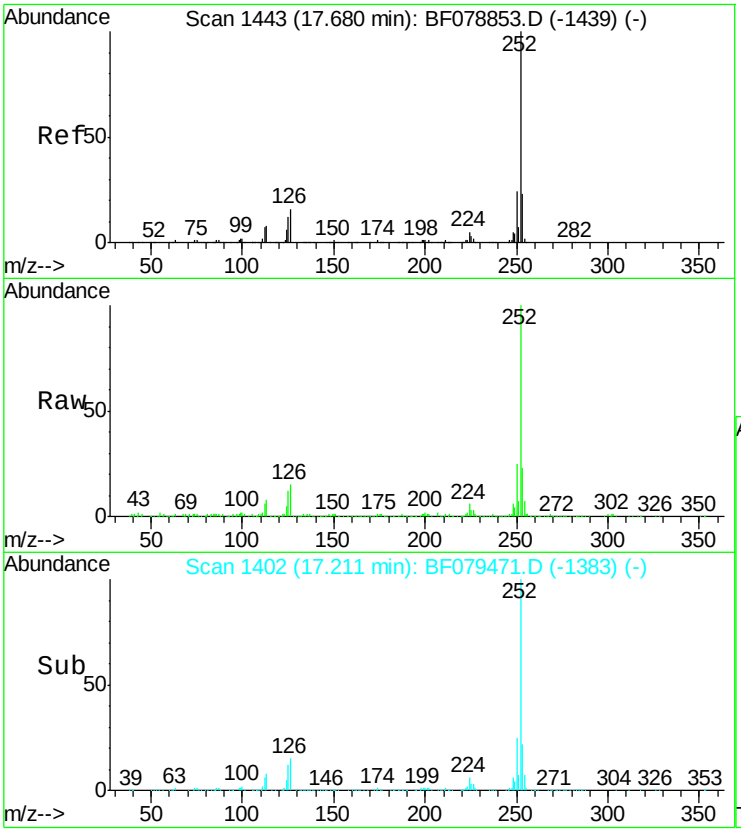


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.66 min Scan# 1441
Delta R.T. 0.05 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:264 Resp: 283846

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.9	17.2	25.8



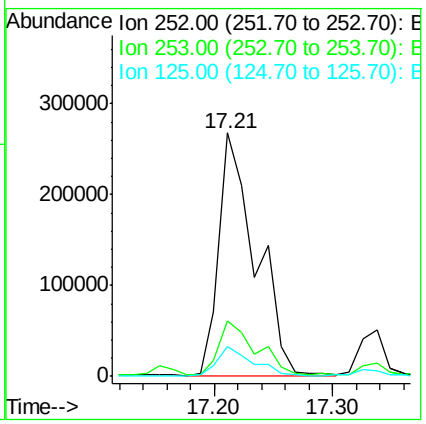


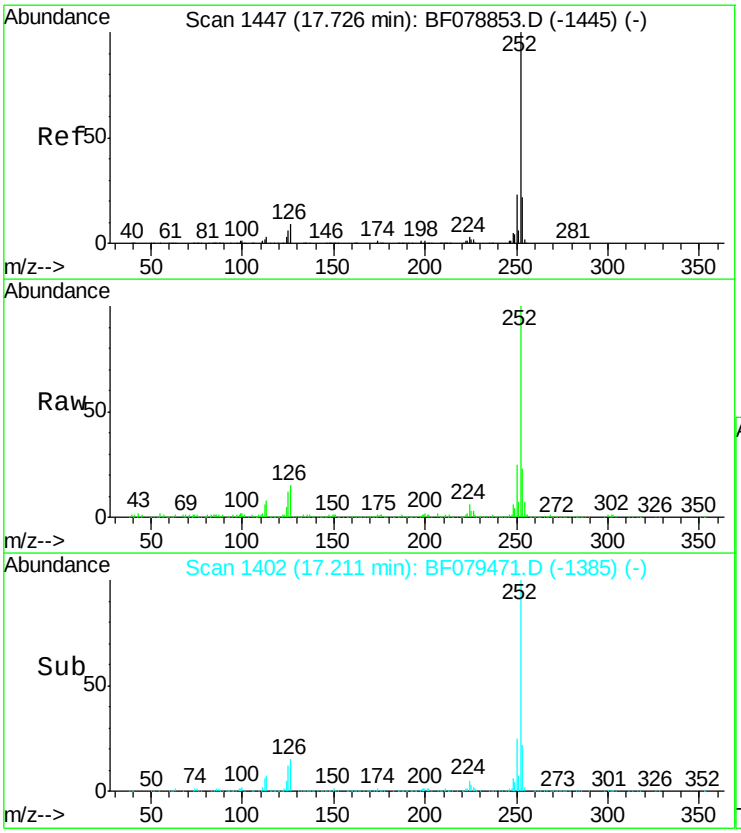
#87
Benzo(b)fluoranthene
Concen: 37.03 ng
RT: 17.21 min Scan# 1402
Delta R.T. 0.03 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:252 Resp: 575283

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	12.3	9.4	14.2

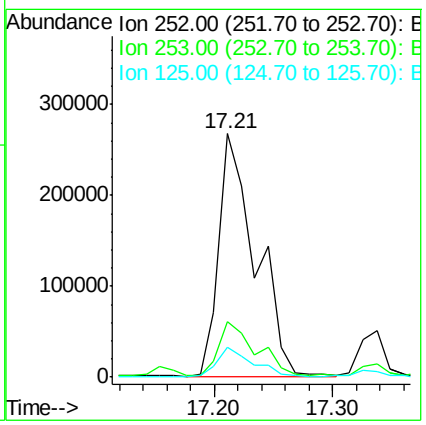


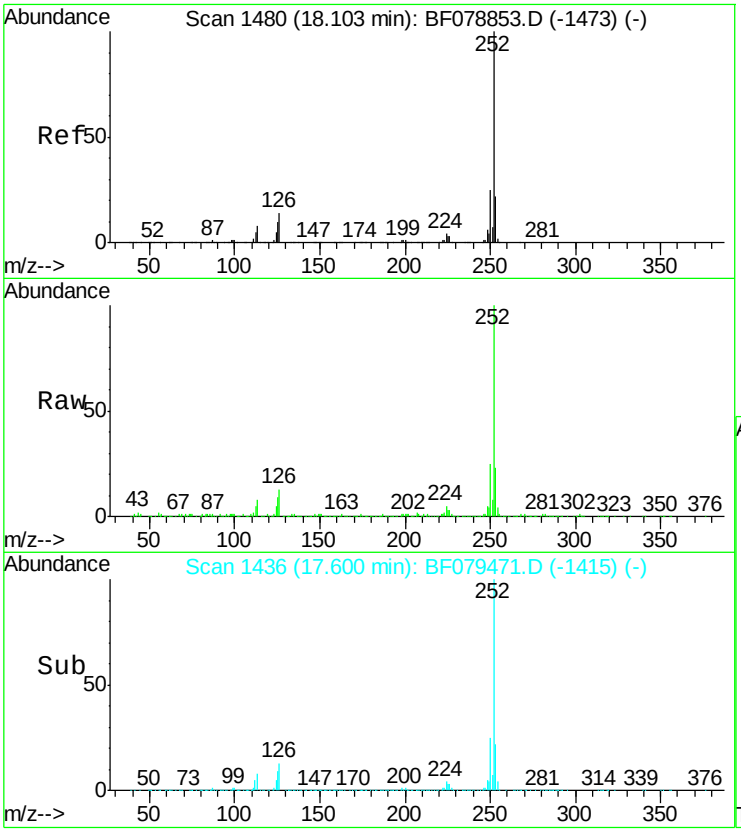


#88
Benzo(k)fluoranthene
Concen: 38.25 ng
RT: 17.21 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:252 Resp: 575283

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	12.3	6.1	9.1#



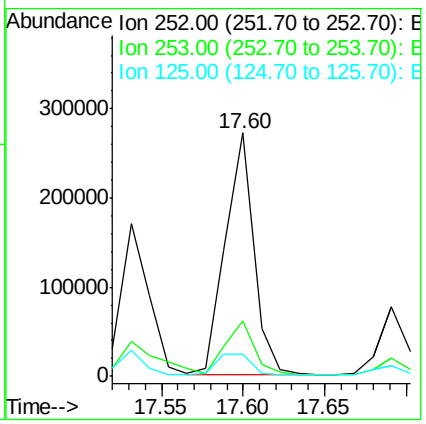


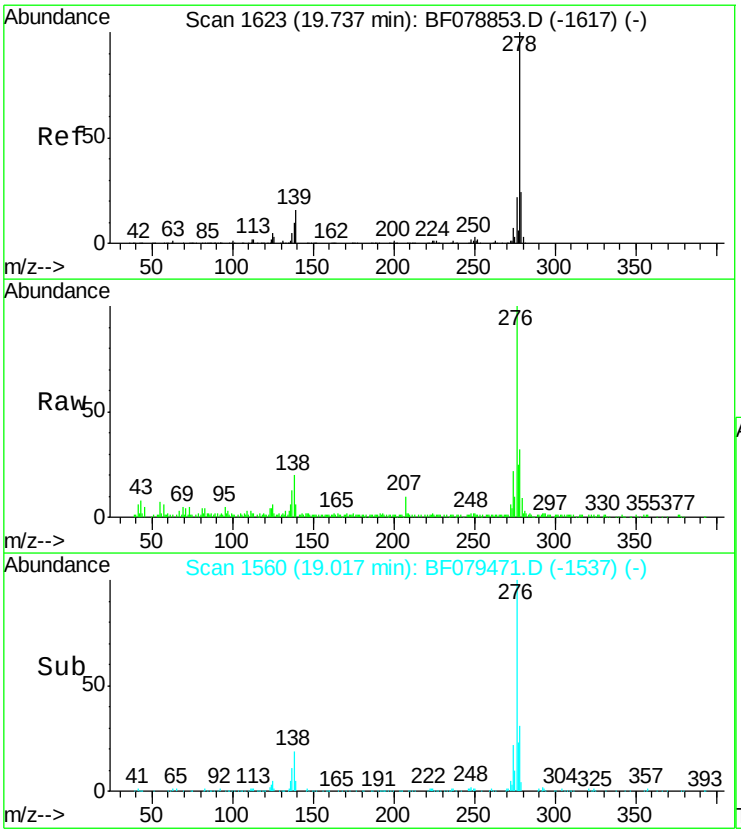
#89
Benzo(a)pyrene
Concen: 22.67 ng
RT: 17.60 min Scan# 1436
Delta R.T. 0.06 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:252 Resp: 324330

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	9.4	8.2	12.2

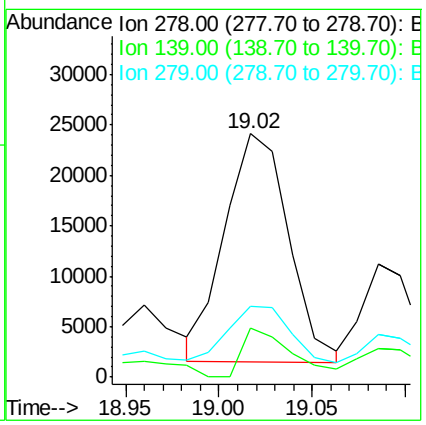


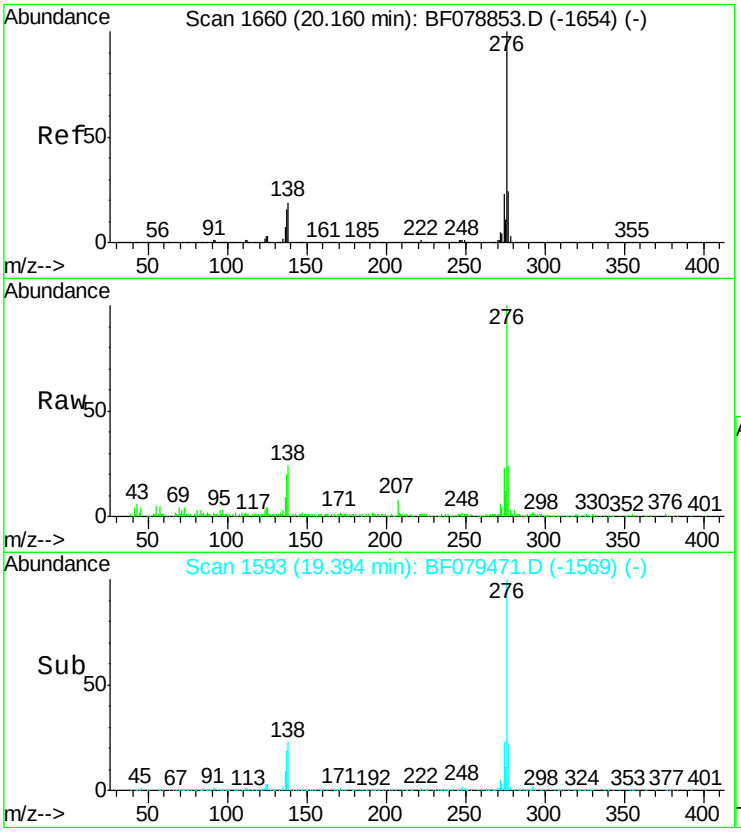


#90
Dibenzo(a,h)anthracene
Concen: 3.58 ng
RT: 19.02 min Scan# 1560
Delta R.T. 0.06 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Tgt Ion:278 Resp: 54367

Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.1	19.7#
279	29.3	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 13.11 ng
RT: 19.39 min Scan# 1593
Delta R.T. 0.07 min
Lab File: BF079471.D
Acq: 23 May 2015 12:13

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:276 Resp: 199810

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.9	15.2	22.8#