Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Time: May 25 07:02:43 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	79480	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	320307	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	151542	20.00	ng		0.00
63) Phenanthrene-d10	12.63	188	282934	20.00	ng		0.00
75) Chrysene-d12	15.92	240	287319	20.00	ng		0.01
86) Perylene-d12	17.70	264	284450	20.00	ng		0.09
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	229834	41.24	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	106051	64.69	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	698259	64.19	ng		0.00
78) Terphenyl-d14	14.63	244	727348	60.61	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.65	128	89432	5.86	ng		99
32) Benzoic acid	8.38	122	664	6.51	ng	#	82
49) Dimethylphthalate	10.49	163	57837	5.20	ng	#	97
51) Acenaphthene	10.83	154	22933	2.49	ng		98
54) Dibenzofuran	11.05	168	37359	2.81	ng		100
55) 4-Nitrophenol	11.05	139	14507	6.68	ng	#	1
57) Fluorene	11.47	166	34008	3.12	ng		98
70) Phenanthrene	12.66	178	458864	28.99	ng		99
71) Anthracene	12.73	178	107581	6.93	ng		98
72) Carbazole	12.94	167	52987	3.58	ng		97
74) Fluoranthene	14.14	202	560169	33.96	ng		98
77) Pyrene	14.41	202	499954	30.20	ng		96
80) Benzo(a)anthracene	15.91	228	298576	18.98	ng		96
82) Chrysene	15.95	228	243934	16.12	ng		98
87) Benzo(b)fluoranthene	17.25	252	464010	29.80	ng		99
88) Benzo(k)fluoranthene	17.25	252	464010	30.79	ng	#	96
89) Benzo(a)pyrene	17.63	252	251158	17.52	ng		97
90) Dibenzo(a,h)anthracene	19.07	278	47349	3.11	ng	#	92
91) Benzo(g,h,i)perylene	19.45	276	167627	10.98	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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SW-023

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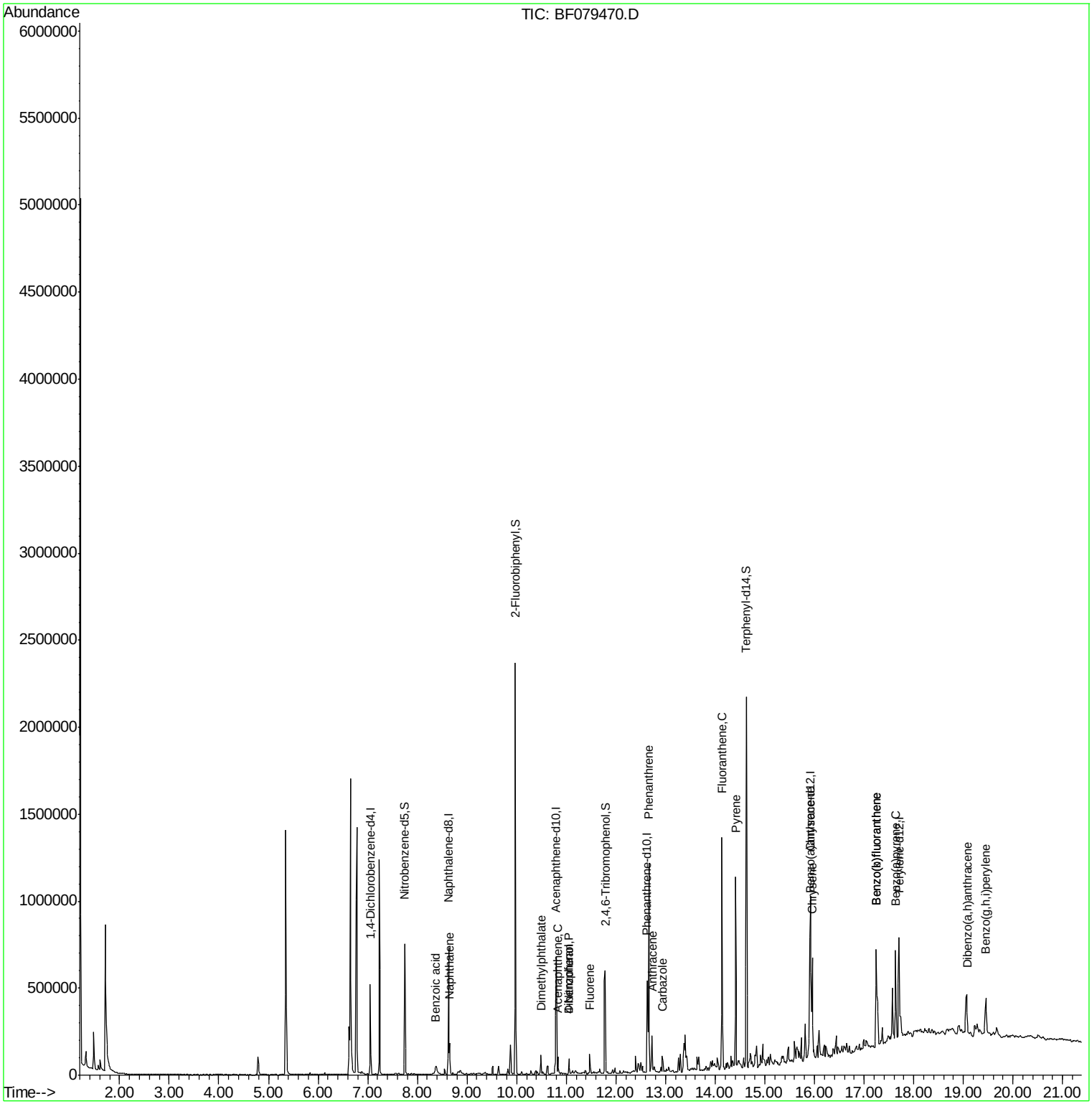
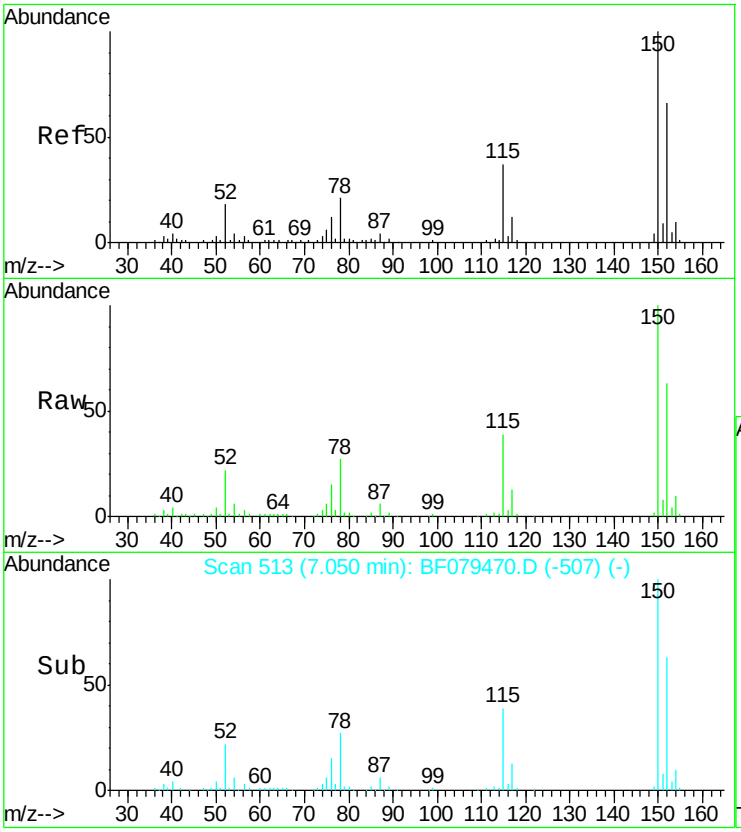


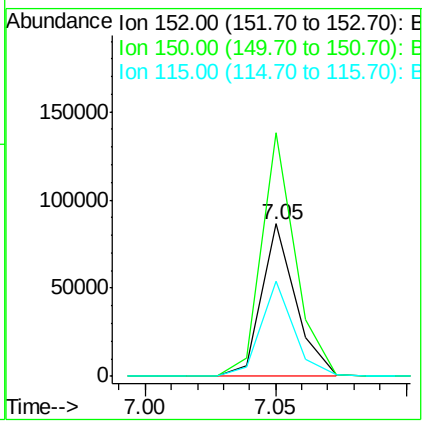


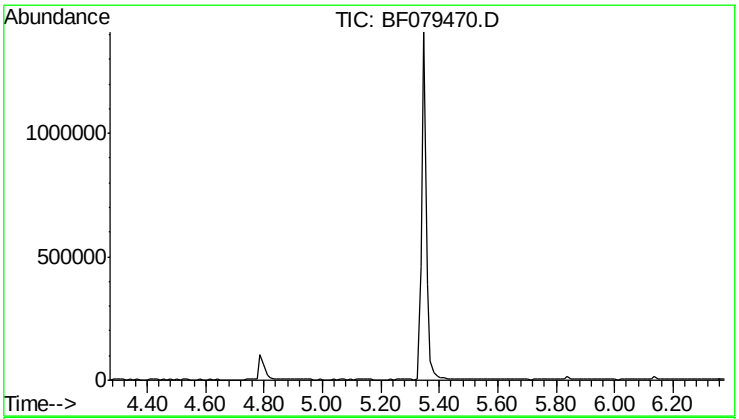
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:152 Resp: 79480

Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.8	185.8
115	62.6	49.4	74.0



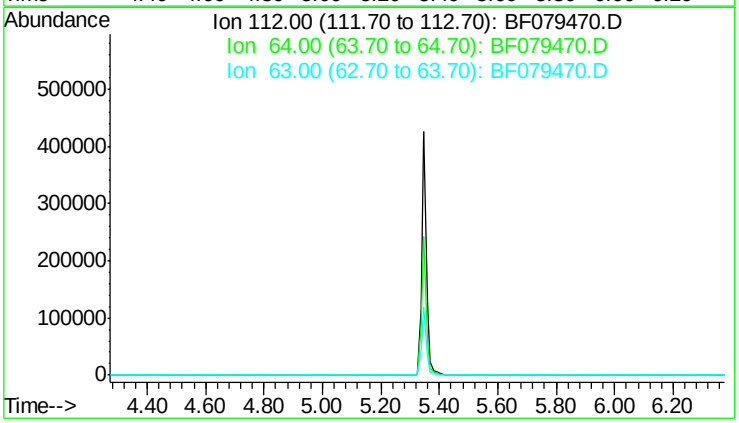


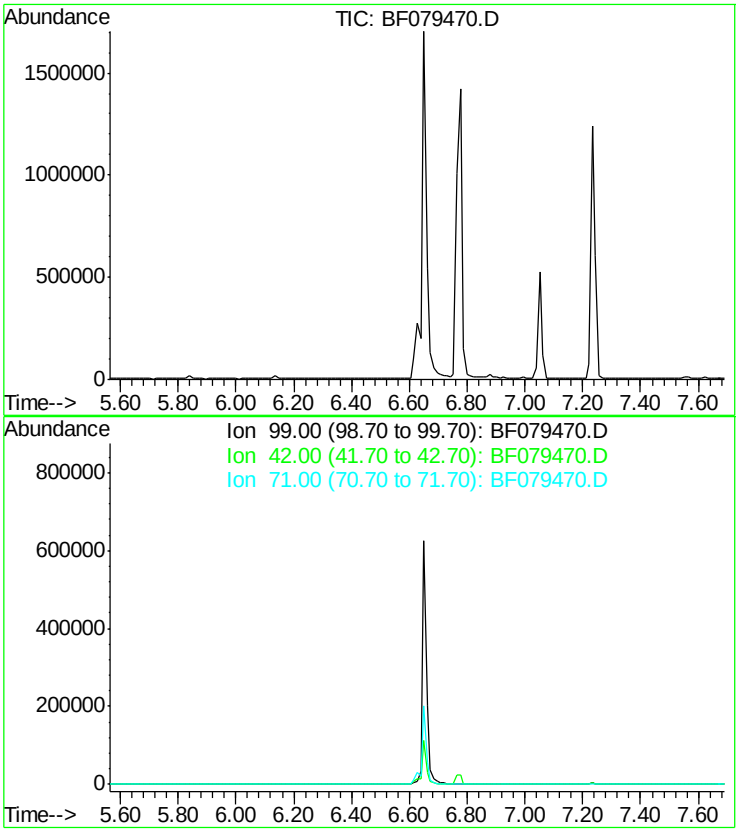
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.32 min

Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4





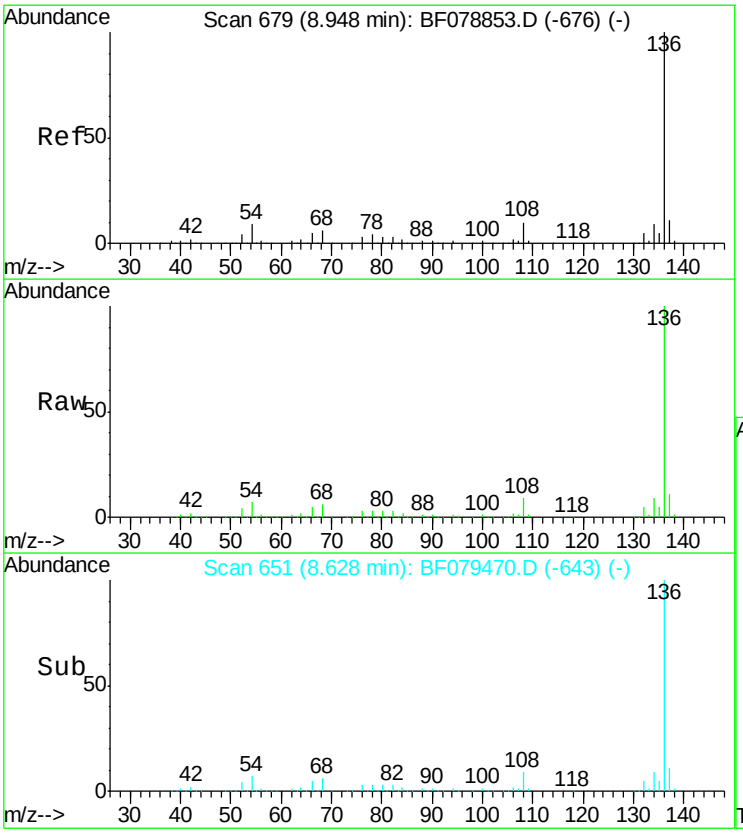
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.63 min

Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

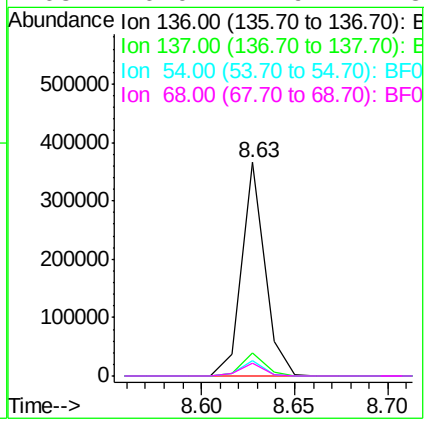
Instrument :
BNA_F
ClientSampleId :
SW-023

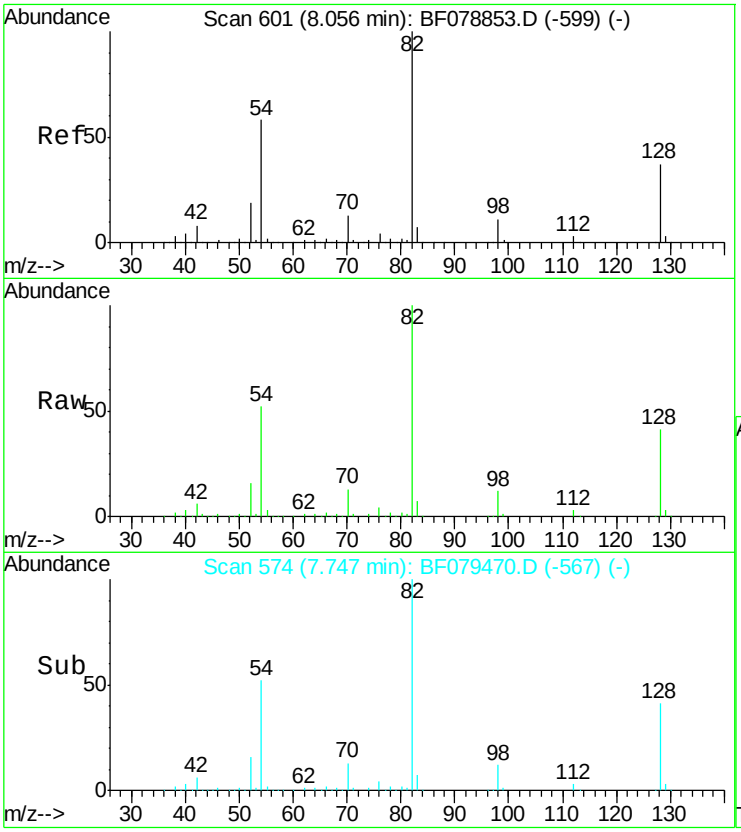


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:136 Resp: 320307

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.5	6.9	10.3
68	6.0	4.9	7.3



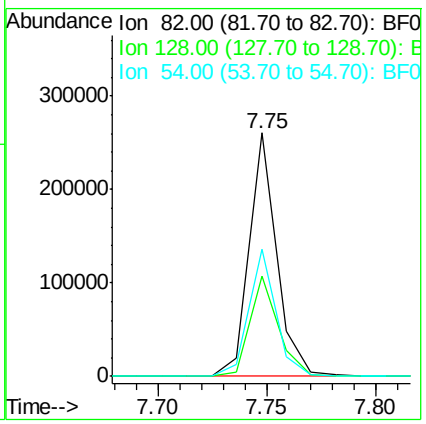


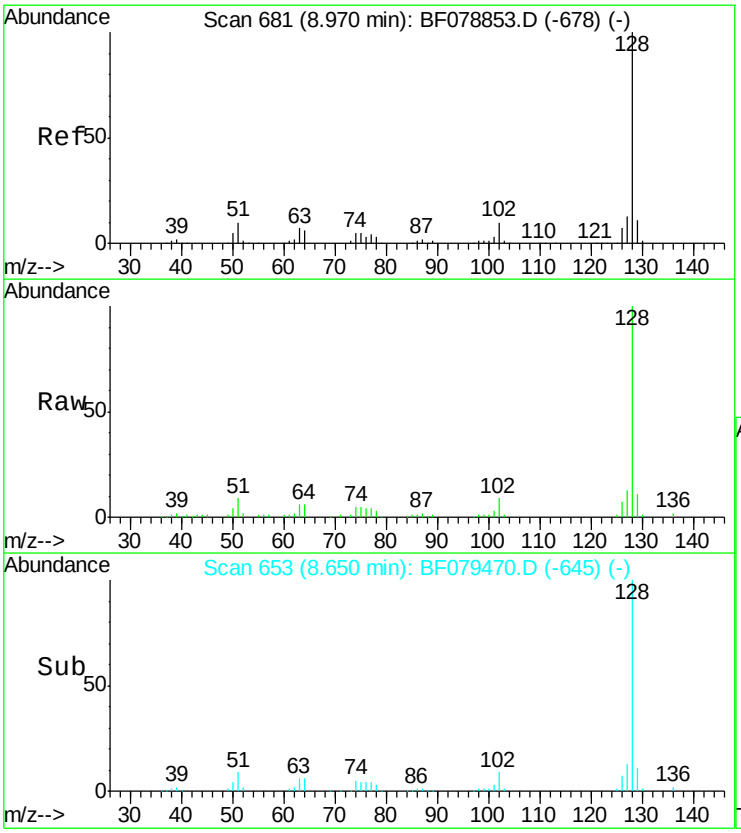
#23
Nitrobenzene-d5
Concen: 41.24 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion: 82 Resp: 229834

Ion	Ratio	Lower	Upper
82	100		
128	41.2	29.7	44.5
54	52.2	46.2	69.4

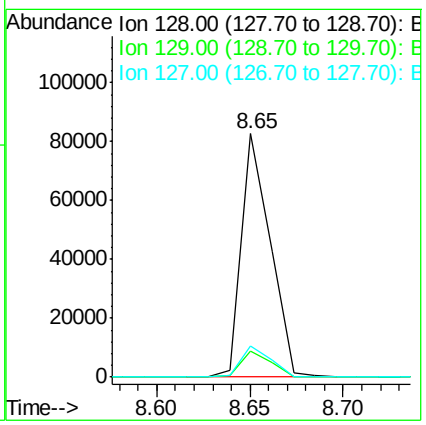


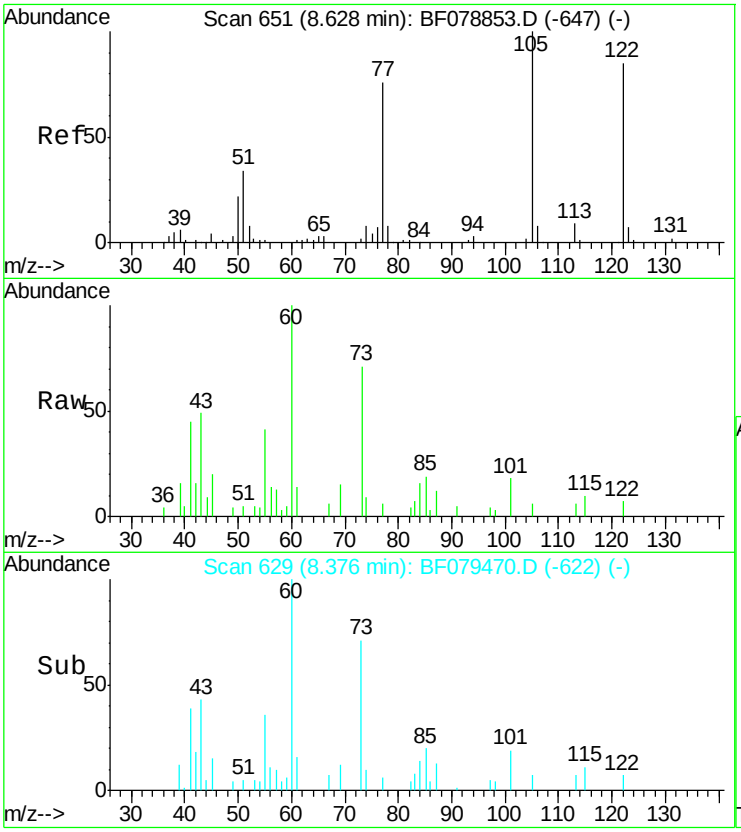


#31
Naphthalene
Concen: 5.86 ng
RT: 8.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:128 Resp: 89432

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.2	13.8
127	12.7	10.3	15.5



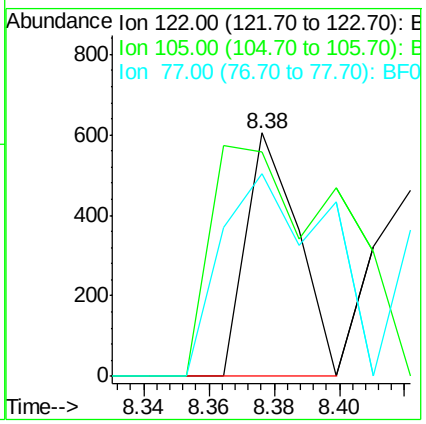


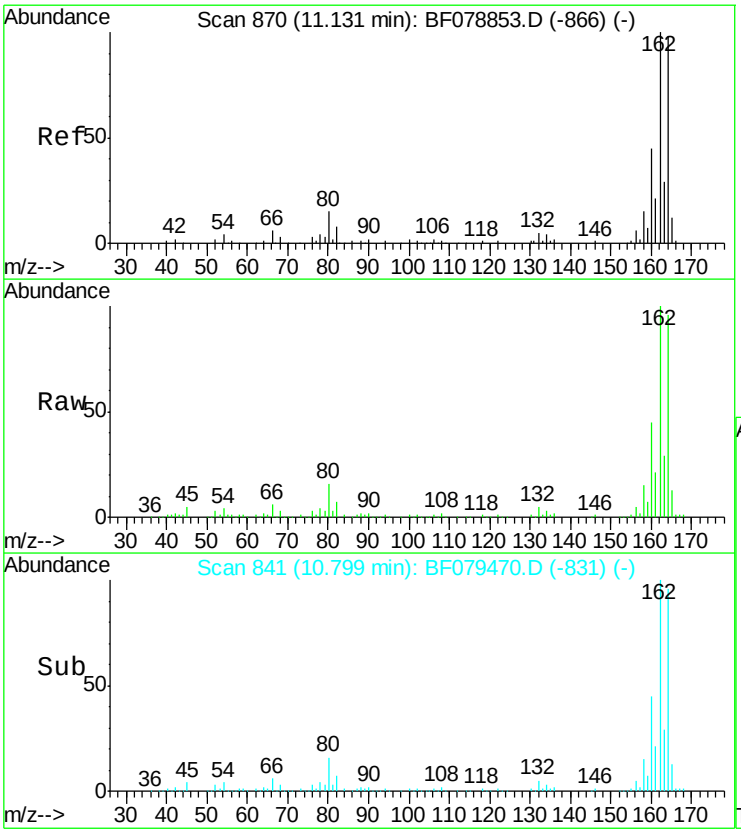
#32
Benzoic acid
Concen: 6.51 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:122 Resp: 664

Ion	Ratio	Lower	Upper
122	100		
105	92.4	100.7	140.7#
77	83.5	72.0	112.0

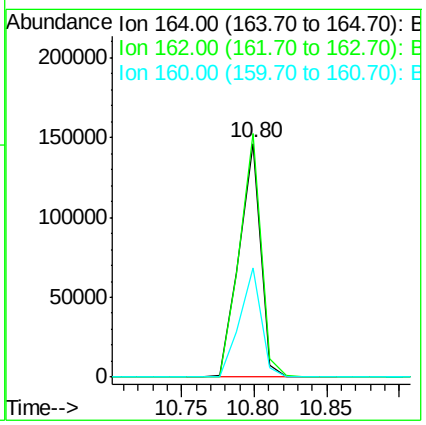


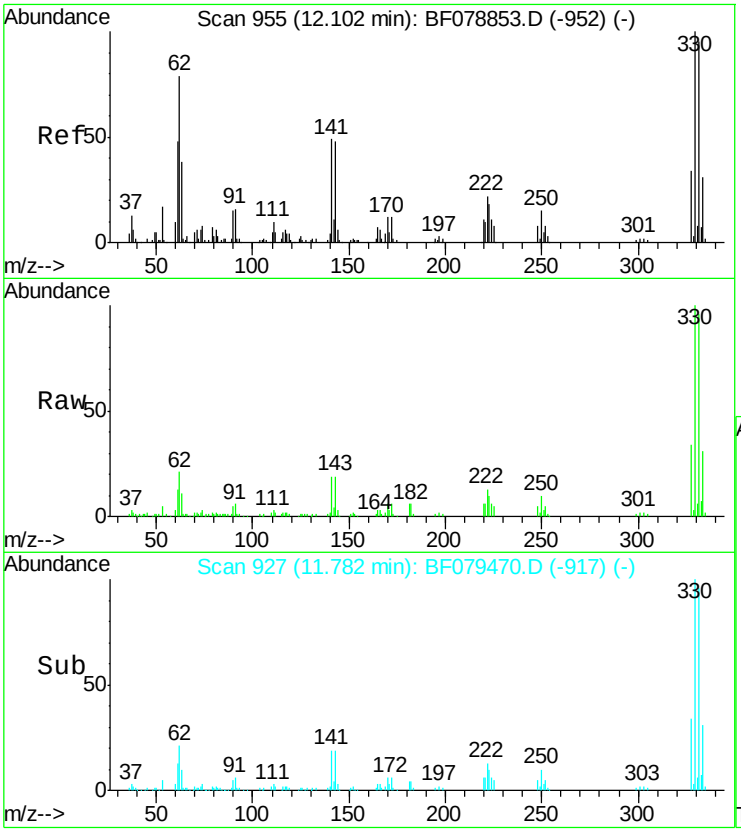


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:164 Resp: 151542

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.4	122.0
160	46.5	36.6	54.8



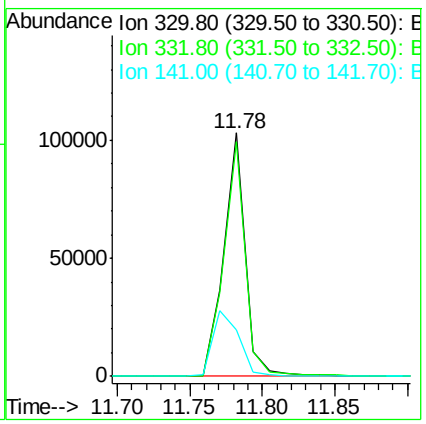


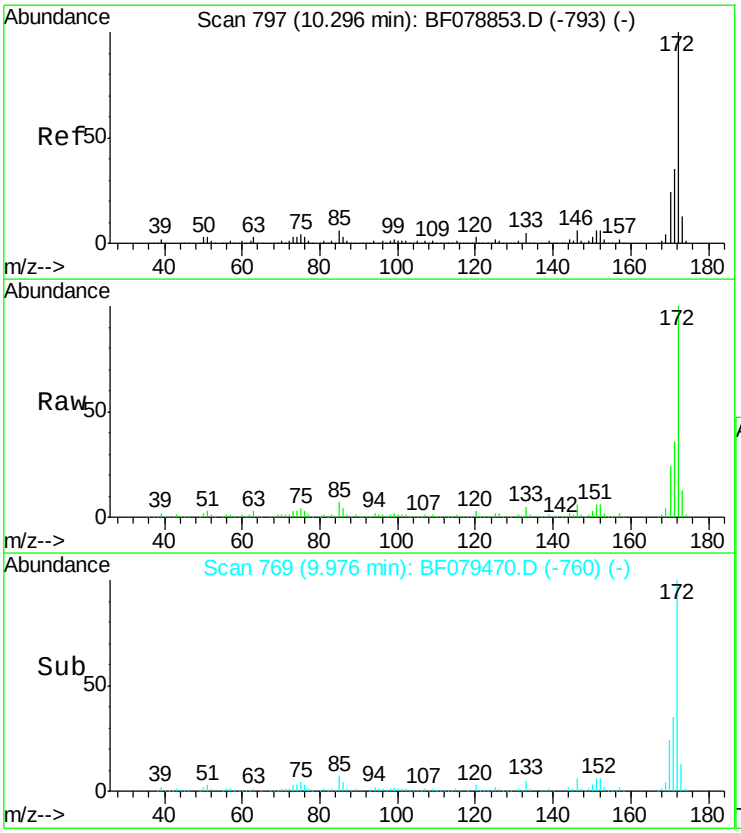
#41
2,4,6-Tribromophenol
Concen: 64.69 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:330 Resp: 106051

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	33.5	27.8	41.8

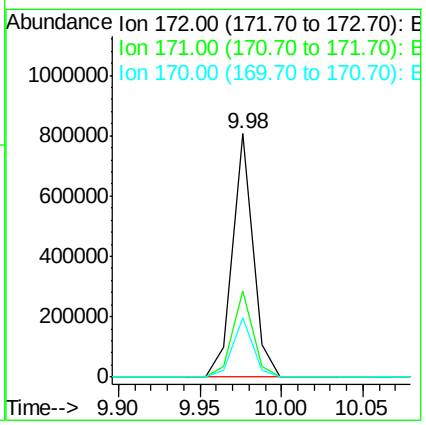


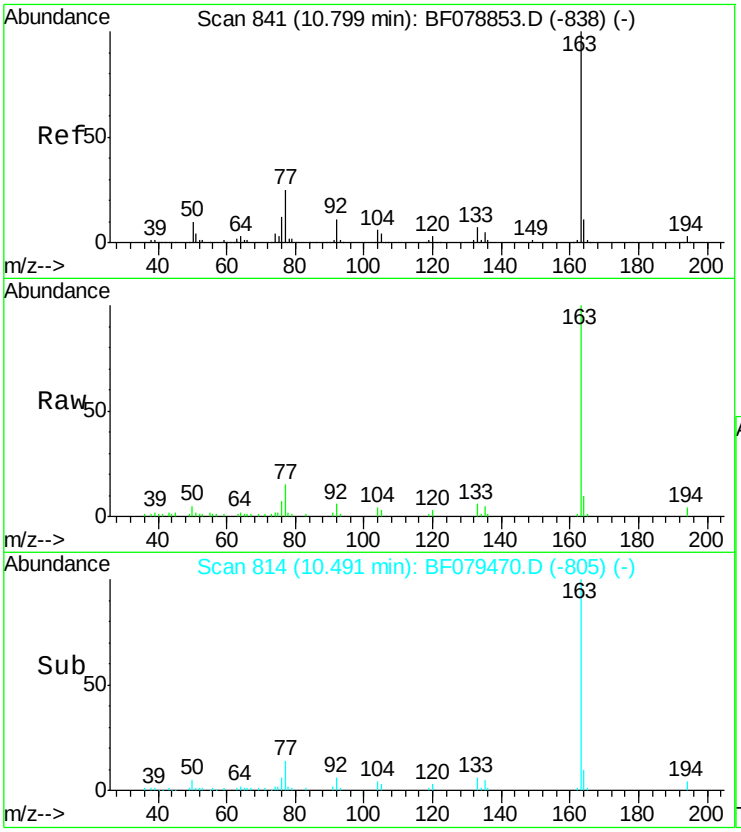


#44
2-Fluorobiphenyl
Concen: 64.19 ng
RT: 9.98 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:172 Resp: 698259

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	24.2	19.4	29.2



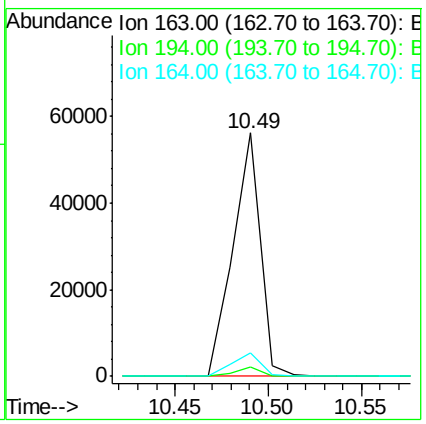


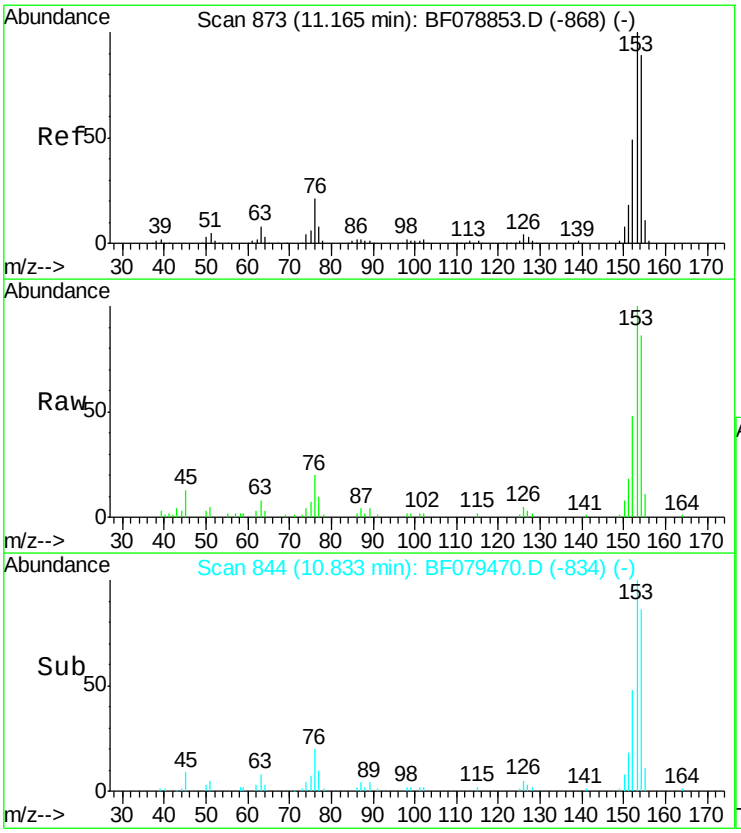
#49
Dimethylphthalate
Concen: 5.20 ng
RT: 10.49 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:163 Resp: 57837

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.4	3.6#
164	9.6	8.6	12.8

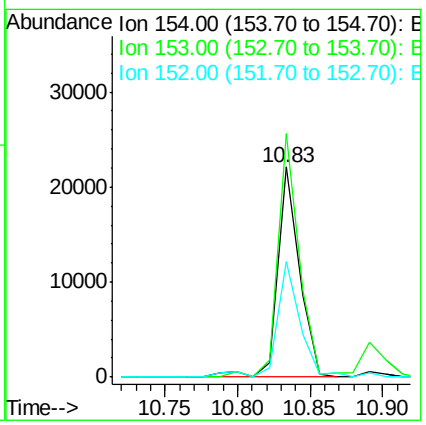


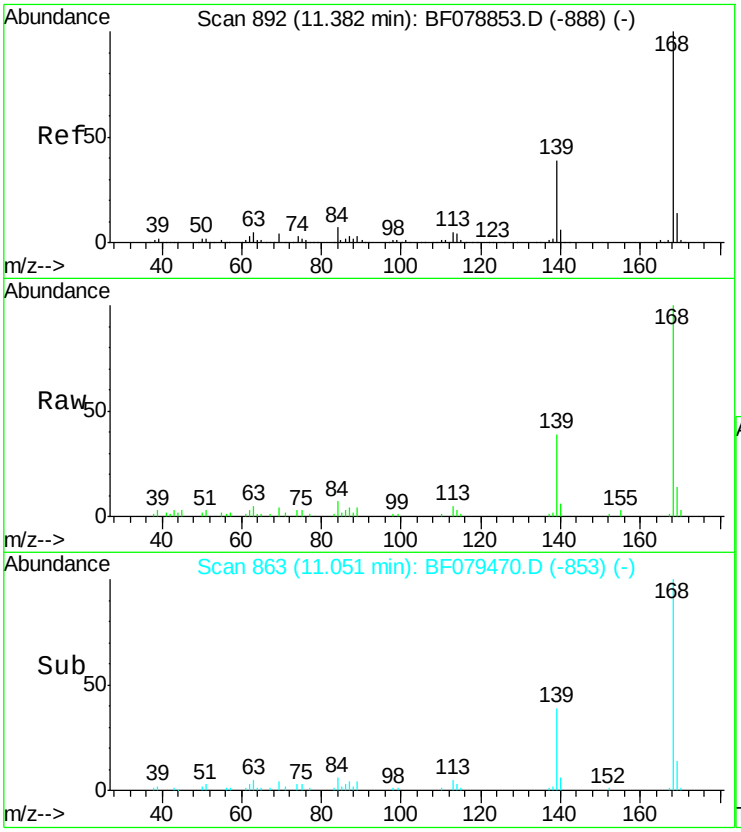


#51
Acenaphthene
Concen: 2.49 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:154 Resp: 22933

Ion	Ratio	Lower	Upper
154	100		
153	116.1	90.2	135.2
152	55.4	43.8	65.8



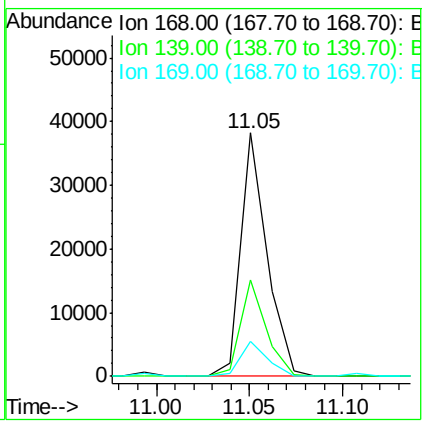


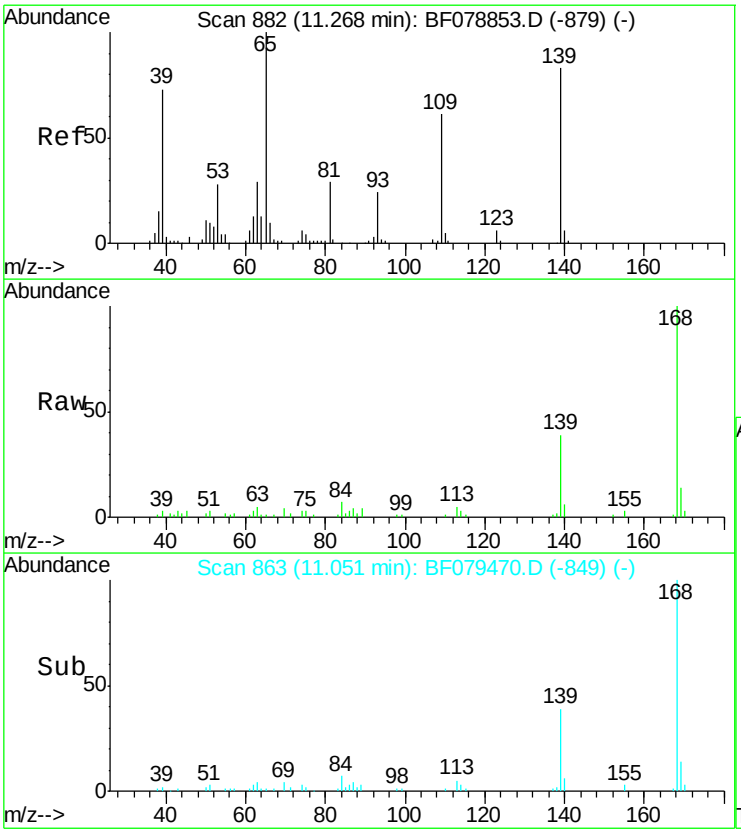
#54
Dibenzofuran
Concen: 2.81 ng
RT: 11.05 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:168 Resp: 37359

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.5	47.3
169	14.4	11.0	16.4

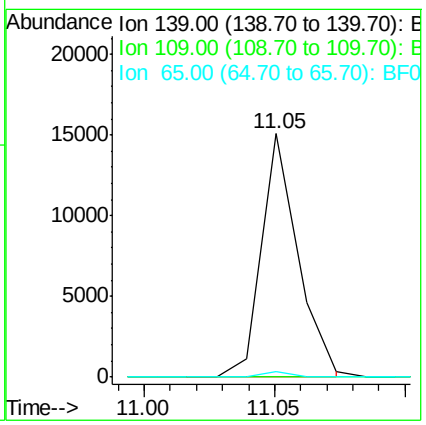


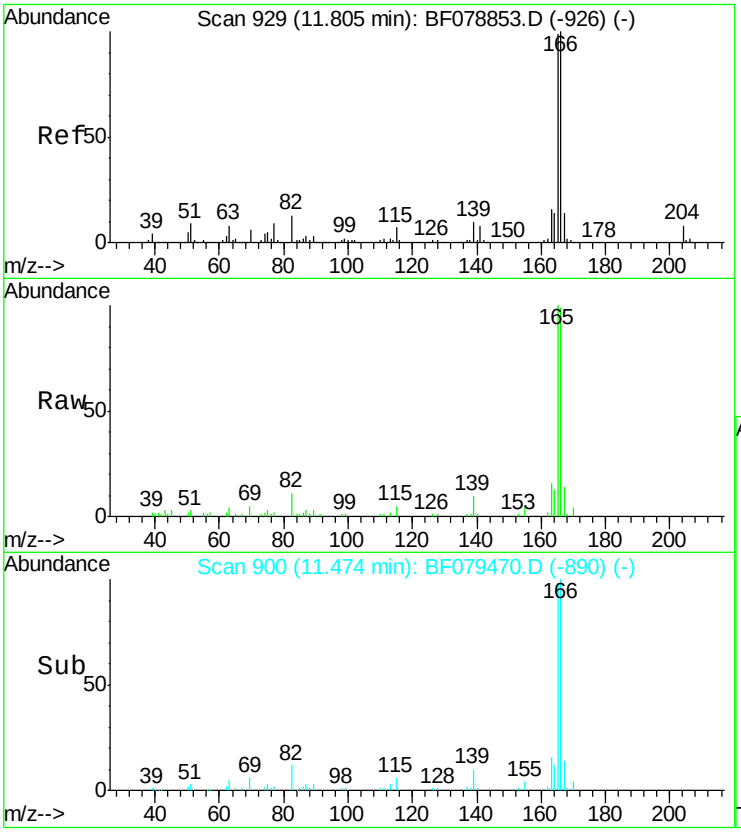


#55
4-Nitrophenol
Concen: 6.68 ng
RT: 11.05 min Scan# 863
Delta R.T. 0.05 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:139 Resp: 14507

Ion	Ratio	Lower	Upper
139	100		
109	0.0	54.4	94.4#
65	2.5	101.0	141.0#



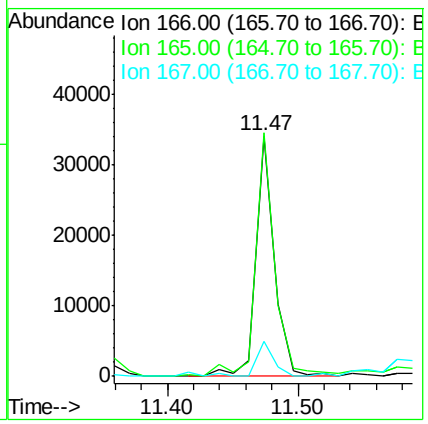


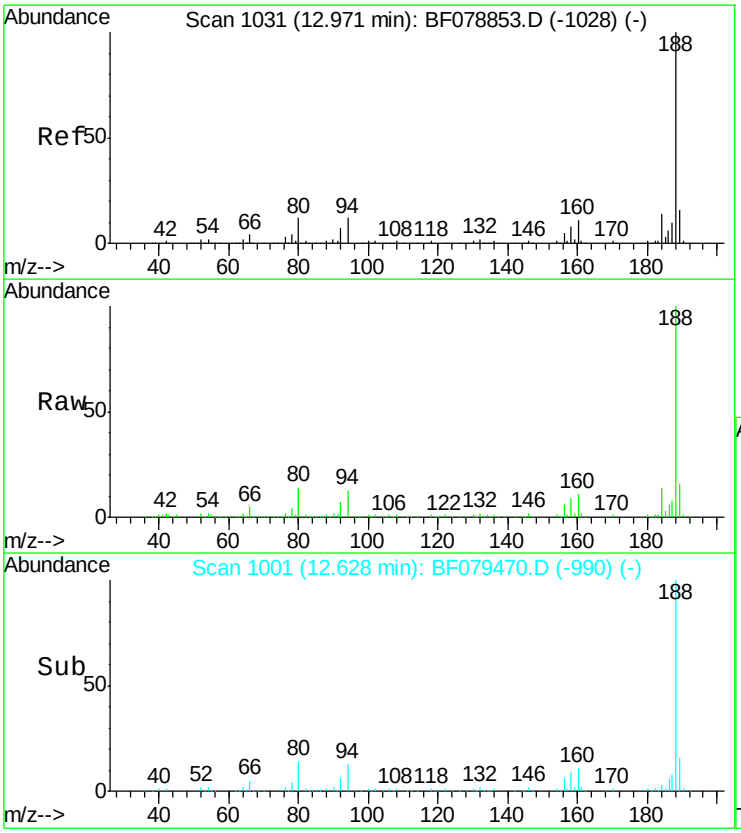
#57
Fluorene
Concen: 3.12 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:166 Resp: 34008

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.5	119.3
167	14.7	11.0	16.6

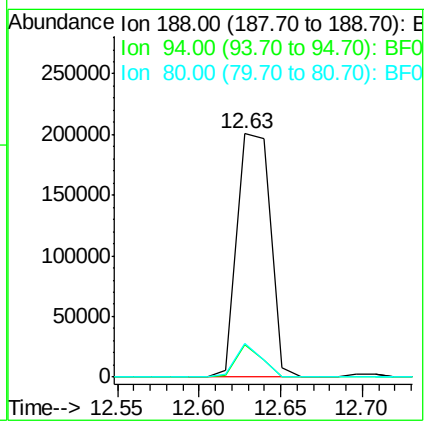


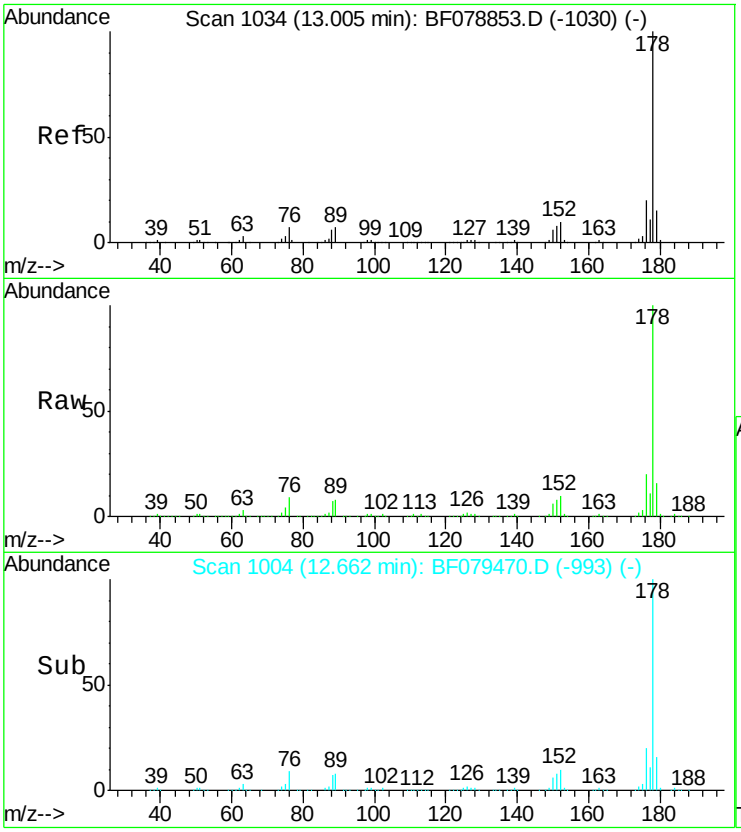


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:188 Resp: 282934

Ion	Ratio	Lower	Upper
188	100		
94	13.2	9.4	14.0
80	13.9	9.8	14.6



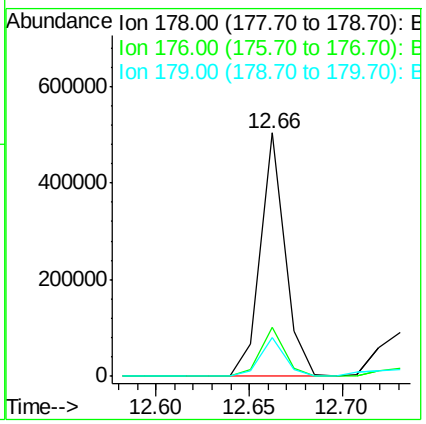


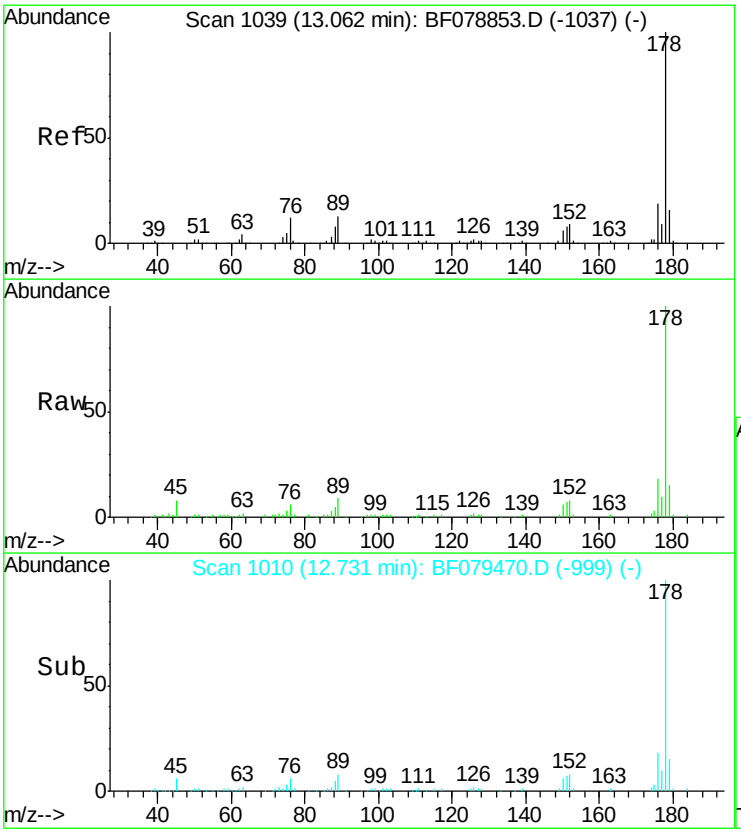
#70
Phenanthrene
Concen: 28.99 ng
RT: 12.66 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:178 Resp: 458864

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.1	12.2	18.4

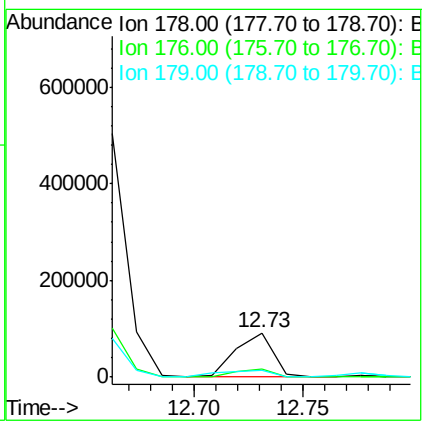


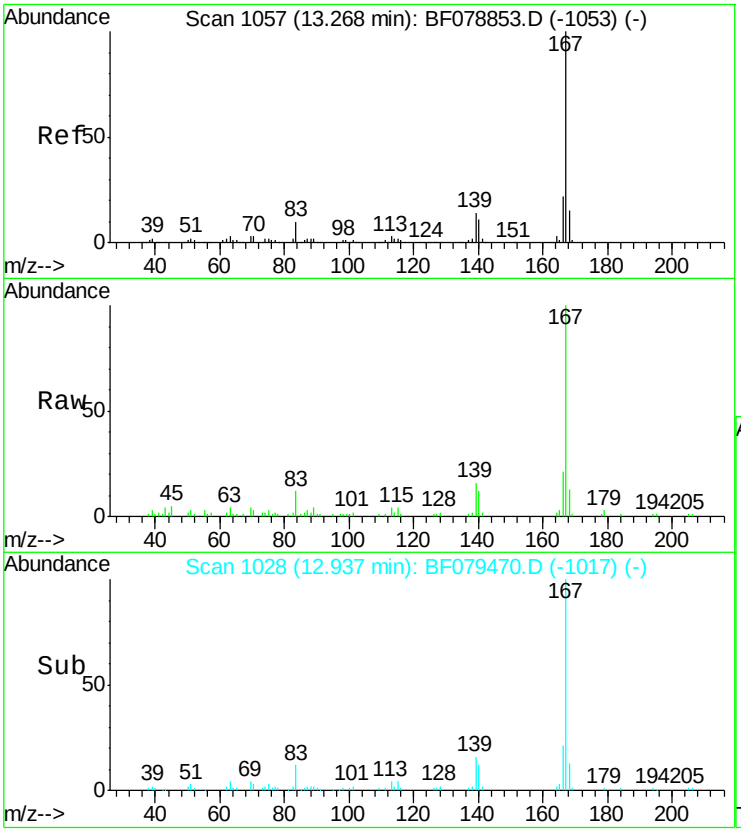


#71
Anthracene
Concen: 6.93 ng
RT: 12.73 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:178 Resp: 107581

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.3	22.9
179	15.3	12.6	19.0



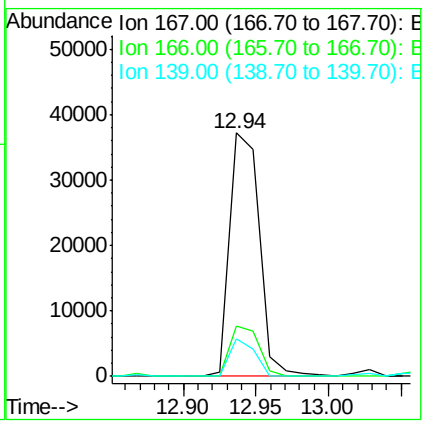


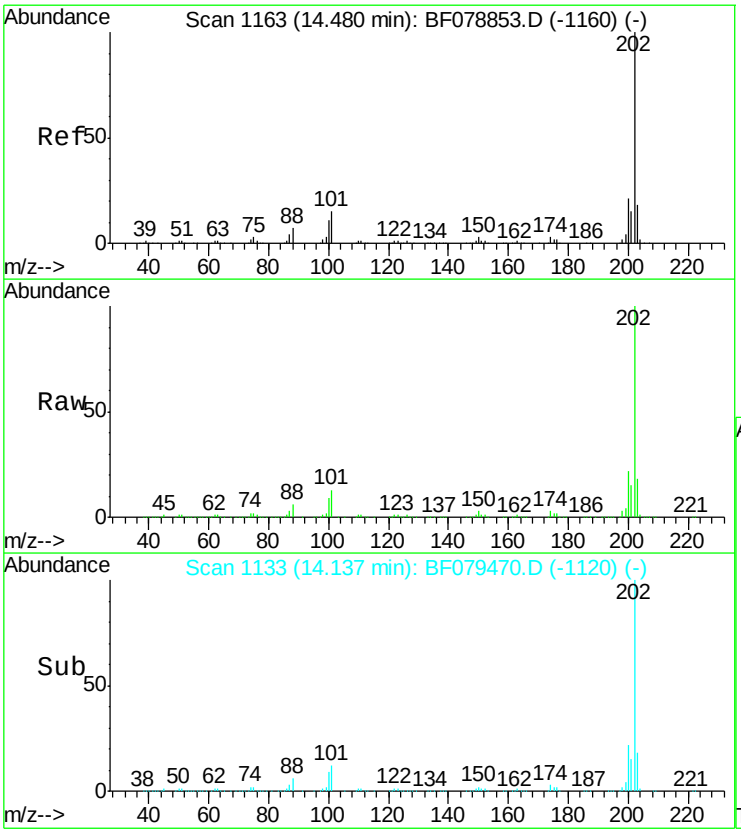
#72
Carbazole
Concen: 3.58 ng
RT: 12.94 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:167 Resp: 52987

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.5	26.3
139	15.5	11.0	16.4

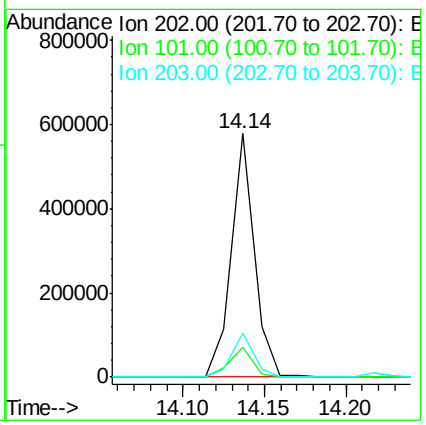


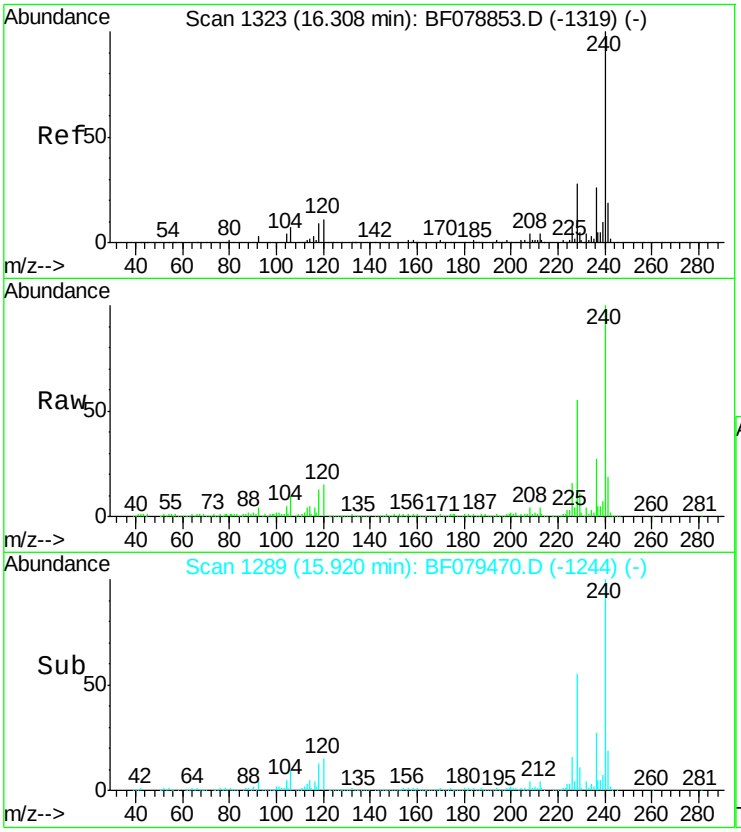


#74
Fluoranthene
Concen: 33.96 ng
RT: 14.14 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:202 Resp: 560169

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.7
203	17.8	0.0	37.9



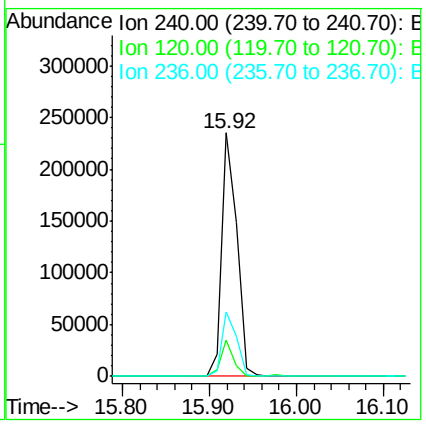


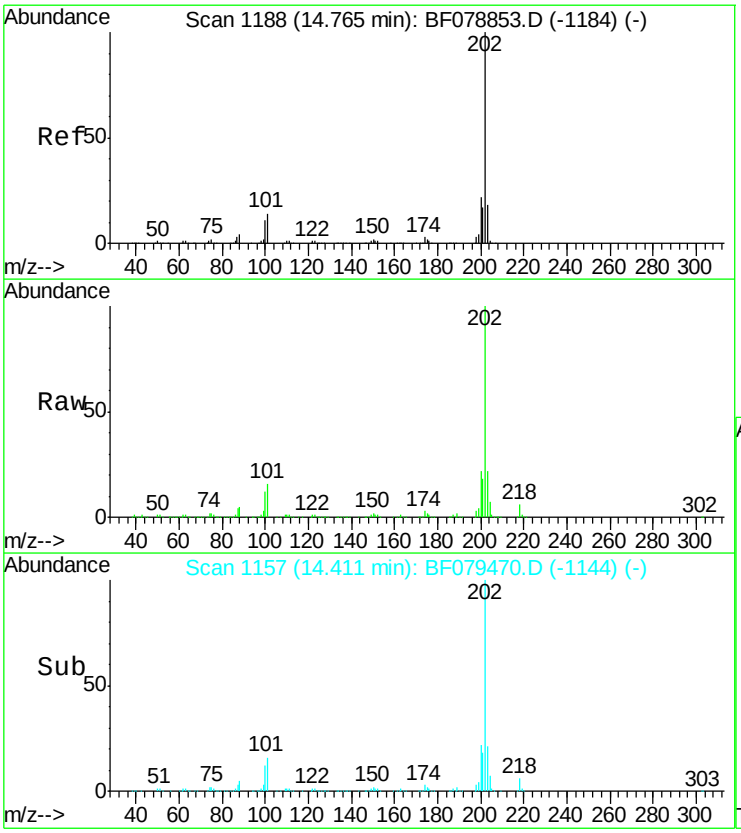
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:240 Resp: 287319

Ion	Ratio	Lower	Upper
240	100		
120	14.9	8.6	12.8#
236	26.7	21.0	31.6

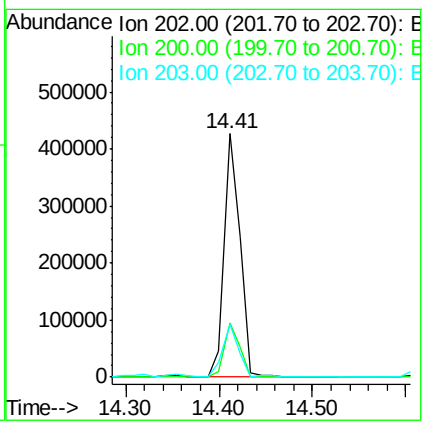


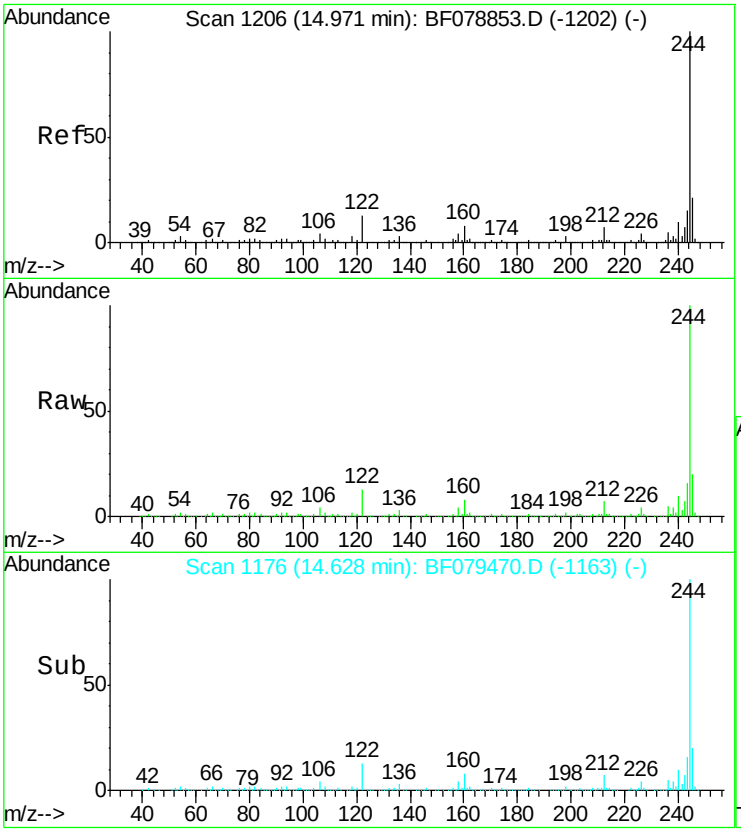


#77
Pyrene
Concen: 30.20 ng
RT: 14.41 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:202 Resp: 499954

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.5	26.3
203	21.8	14.7	22.1



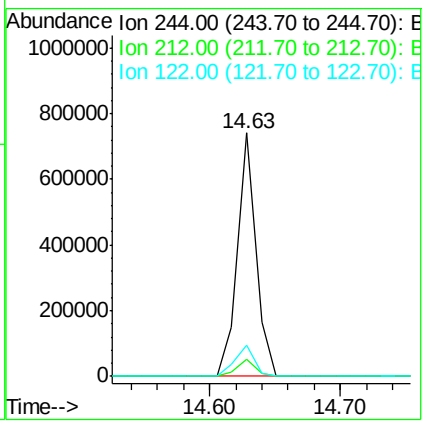


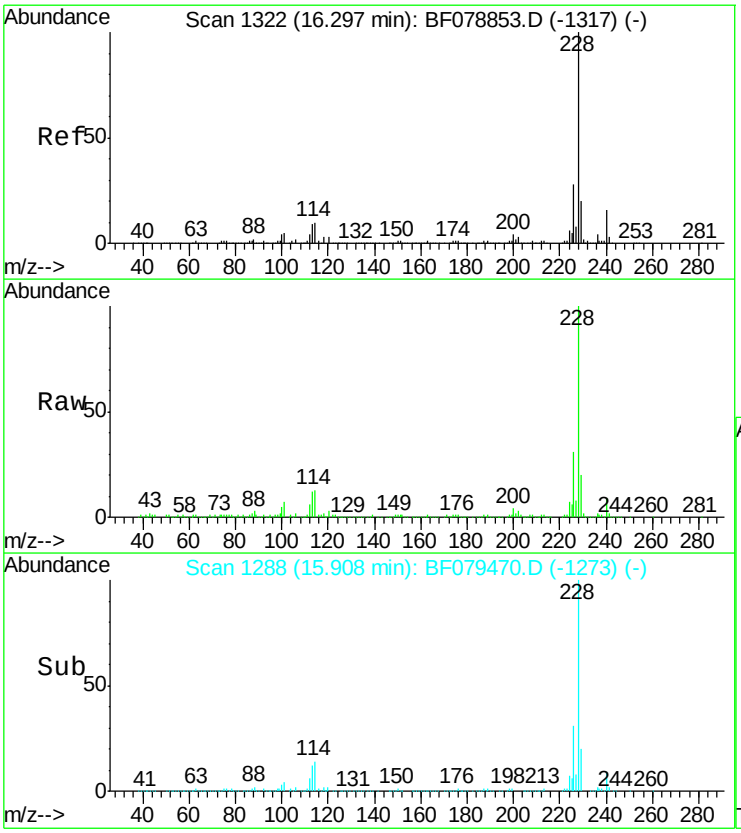
#78
Terphenyl-d14
Concen: 60.61 ng
RT: 14.63 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:244 Resp: 727348

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.6	10.5	15.7

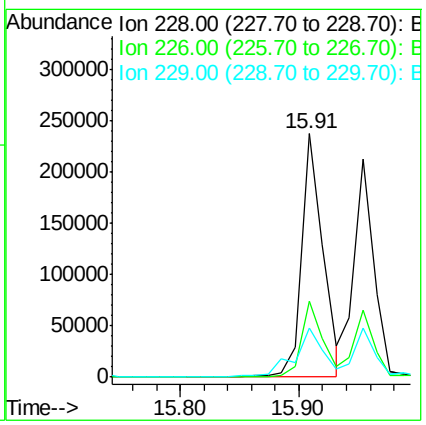


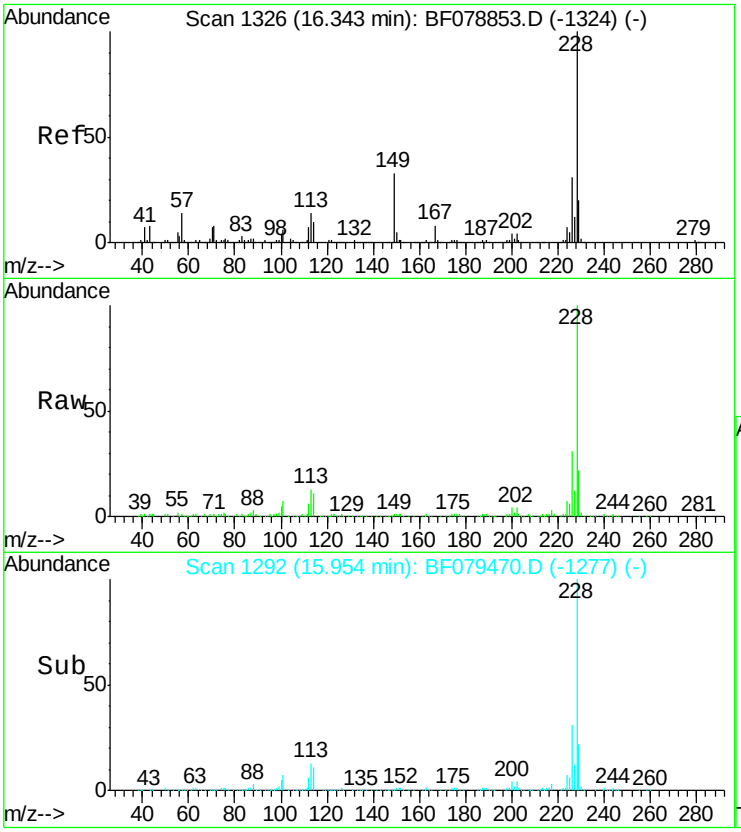


#80
Benzo(a)anthracene
Concen: 18.98 ng
RT: 15.91 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:228 Resp: 298576

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.3	33.5
229	20.1	16.1	24.1



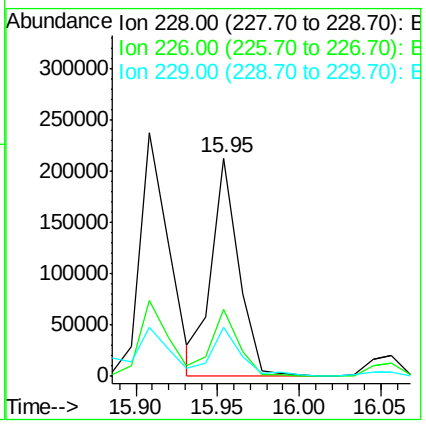


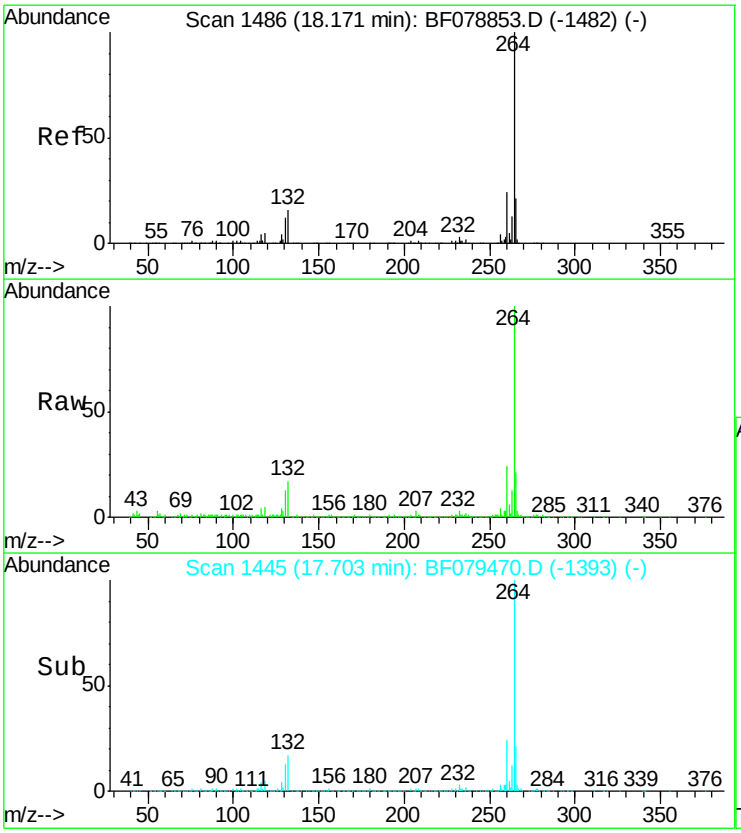
#82
Chrysene
Concen: 16.12 ng
RT: 15.95 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:228 Resp: 243934

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	22.2	16.1	24.1

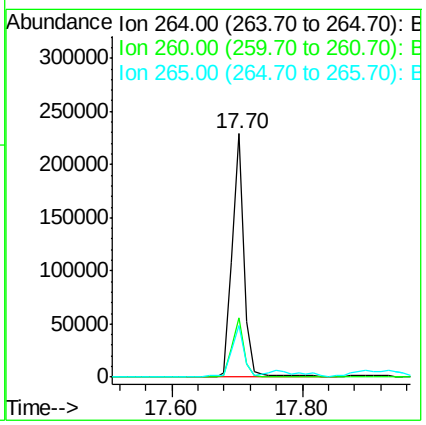


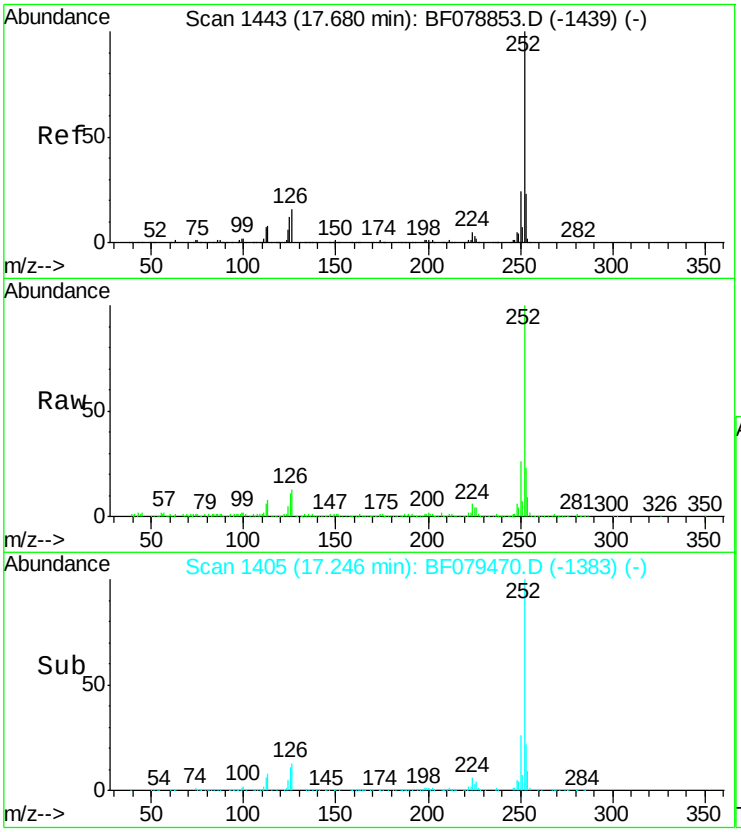


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1445
Delta R.T. 0.09 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:264 Resp: 284450

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.2	25.8



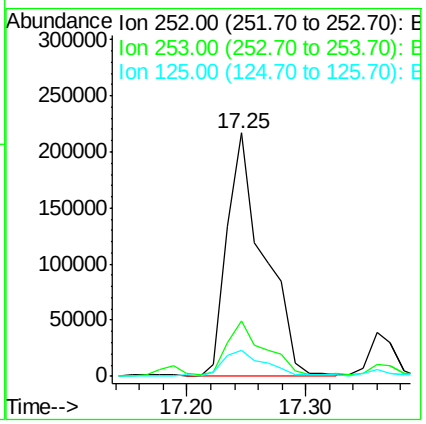


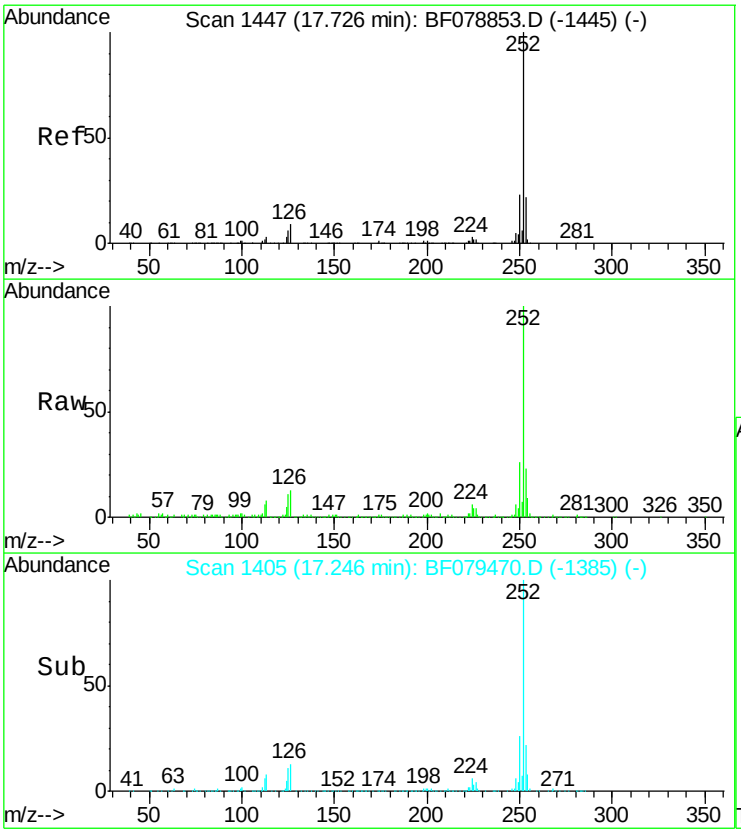
#87
Benzo(b)fluoranthene
Concen: 29.80 ng
RT: 17.25 min Scan# 1405
Delta R.T. 0.07 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:252 Resp: 464010

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.9	9.4	14.2

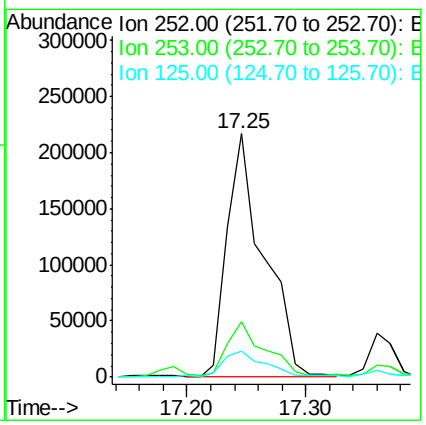


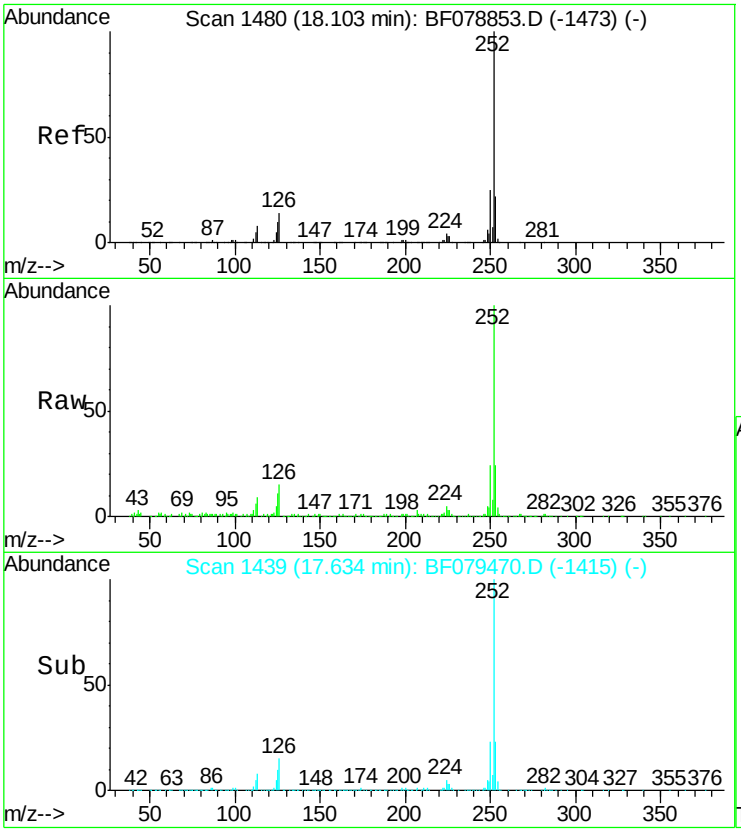


#88
Benzo(k)fluoranthene
Concen: 30.79 ng
RT: 17.25 min Scan# 1405
Delta R.T. 0.05 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:252 Resp: 464010

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	10.9	6.1	9.1#



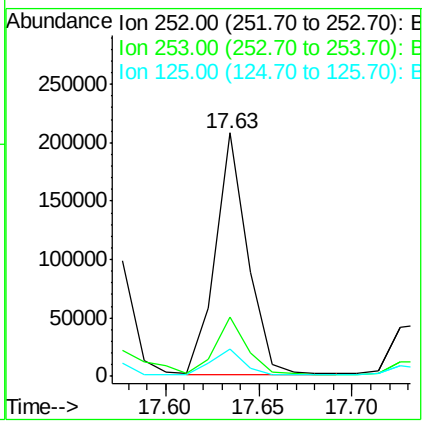


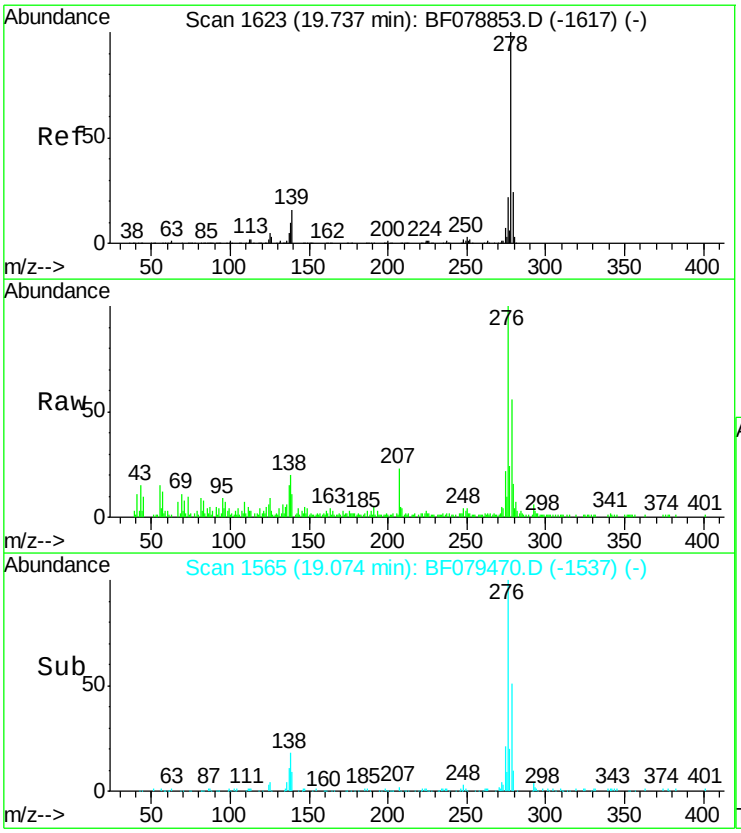
#89
Benzo(a)pyrene
Concen: 17.52 ng
RT: 17.63 min Scan# 1439
Delta R.T. 0.09 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:252 Resp: 251158

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	11.2	8.2	12.2

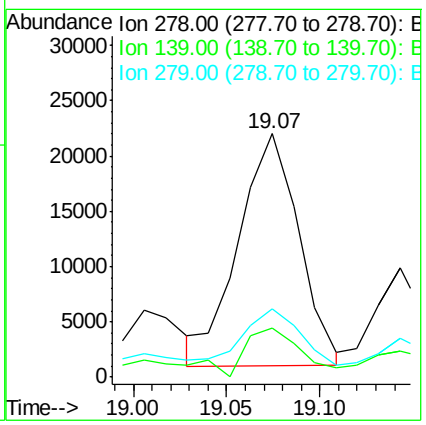


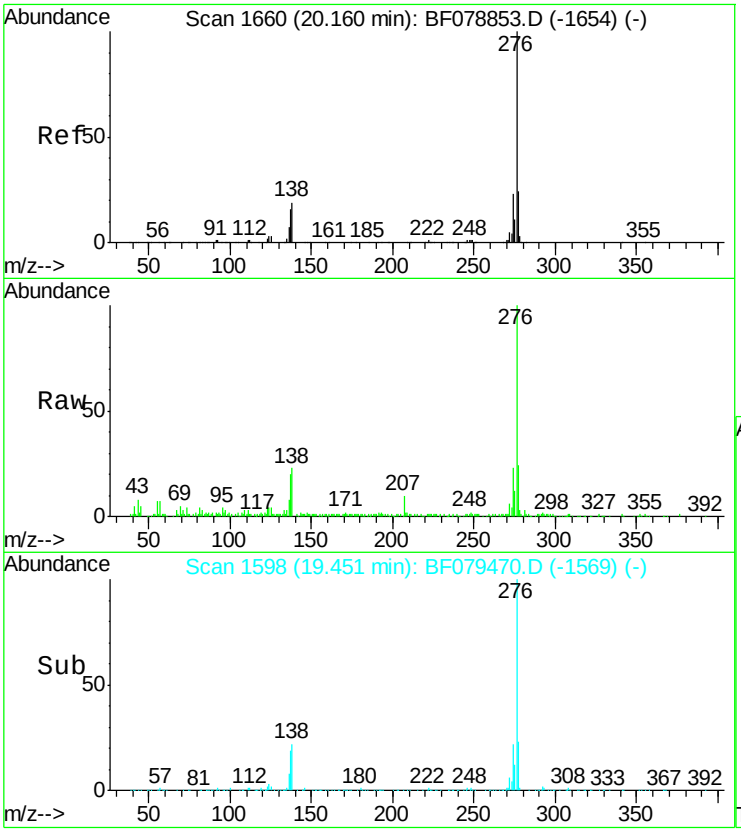


#90
Dibenzo(a,h)anthracene
Concen: 3.11 ng
RT: 19.07 min Scan# 1565
Delta R.T. 0.11 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Tgt Ion:278 Resp: 47349

Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.1	19.7#
279	27.9	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 10.98 ng
RT: 19.45 min Scan# 1598
Delta R.T. 0.13 min
Lab File: BF079470.D
Acq: 23 May 2015 11:44

Instrument :
BNA_F
ClientSampleId :
SW-023

Tgt Ion:276 Resp: 167627

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	22.6	15.2	22.8