Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
Data File : BF079547.D
Acq On : 28 May 2015 16:35
Operator : TP/IZ
Sample : G2386-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-8-SS

Quant Time: May 29 08:46:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 18:41:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	76013	20.00	ng		0.00
21) Naphthalene-d8	8.54	136	306156	20.00	ng		0.00
38) Acenaphthene-d10	10.71	164	143735	20.00	ng		0.00
63) Phenanthrene-d10	12.54	188	262177	20.00	ng		0.00
75) Chrysene-d12	15.81	240	273542	20.00	ng		-0.03
86) Perylene-d12	17.47	264	295064	20.00	ng		-0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	446049	101.78	ng		0.01
7) Phenol-d6	6.56	99	603751	108.08	ng		0.00
23) Nitrobenzene-d5	7.66	82	354624	66.96	ng		-0.01
41) 2,4,6-Tribromophenol	11.69	330	159226	100.86	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	671445	66.65	ng		0.00
78) Terphenyl-d14	14.53	244	702231	60.25	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	1141	Below Cal		#	63
31) Naphthalene	8.56	128	64482	4.39	ng		97
37) 2-Methylnaphthalene	9.43	142	45820	4.49	ng		99
48) Acenaphthylene	10.52	152	75359	5.12	ng		100
49) Dimethylphthalate	10.40	163	57219	5.40	ng		99
55) 4-Nitrophenol	10.96	139	9264	6.07	ng	#	15
70) Phenanthrene	12.57	178	154155	10.72	ng		98
71) Anthracene	12.63	178	83575	5.72	ng		99
73) Di-n-butylphthalate	13.30	149	5260	Below Cal		#	79
74) Fluoranthene	14.03	202	279036	18.09	ng		95
77) Pyrene	14.31	202	266650	15.73	ng	#	96
80) Benzo(a)anthracene	15.84	228	198045	12.59	ng		95
82) Chrysene	15.84	228	197395	13.20	ng		98
87) Benzo(b)fluoranthene	17.06	252	495355	29.44	ng		96
88) Benzo(k)fluoranthene	17.06	252	495355	32.92	ng	#	94
89) Benzo(a)pyrene	17.42	252	250914	15.75	ng		97
90) Dibenzo(a,h)anthracene	18.83	278	16824	Below Cal		#	71
91) Benzo(g,h,i)perylene	19.13	276	200764	11.45	ng		97

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

Quantitation Report (Not Reviewed)

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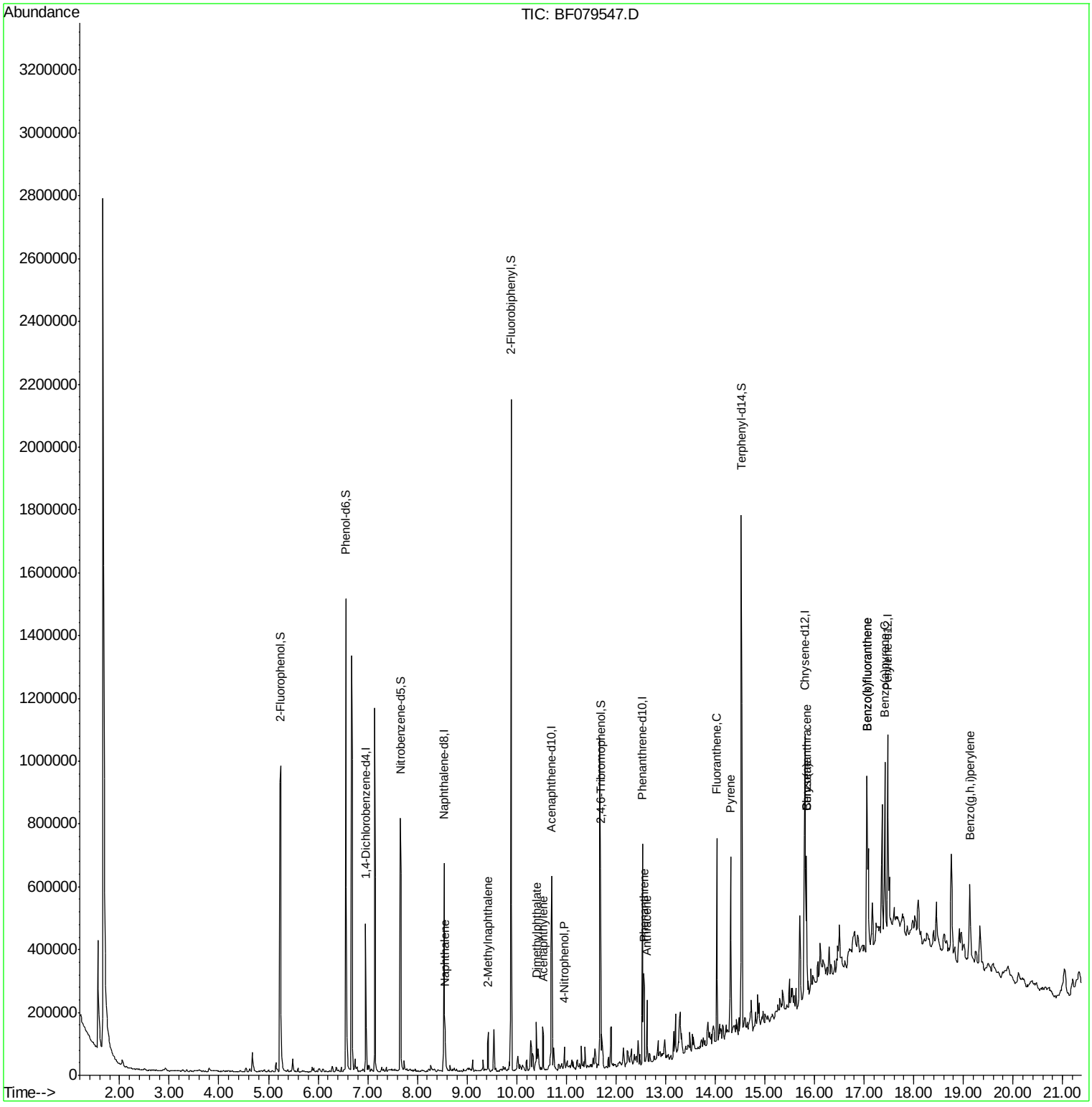
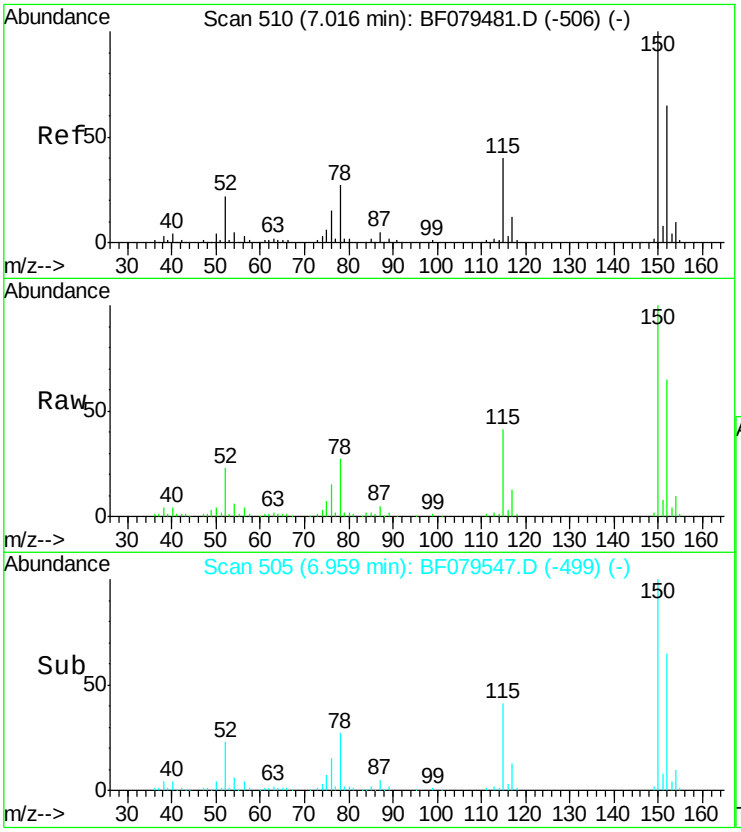


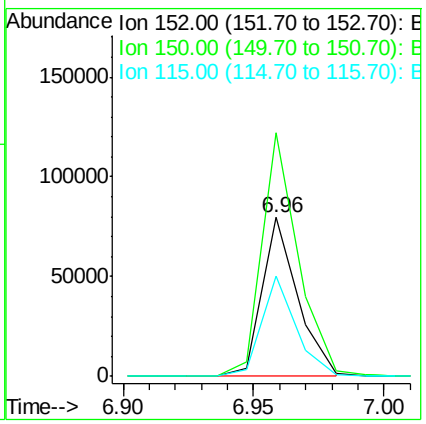


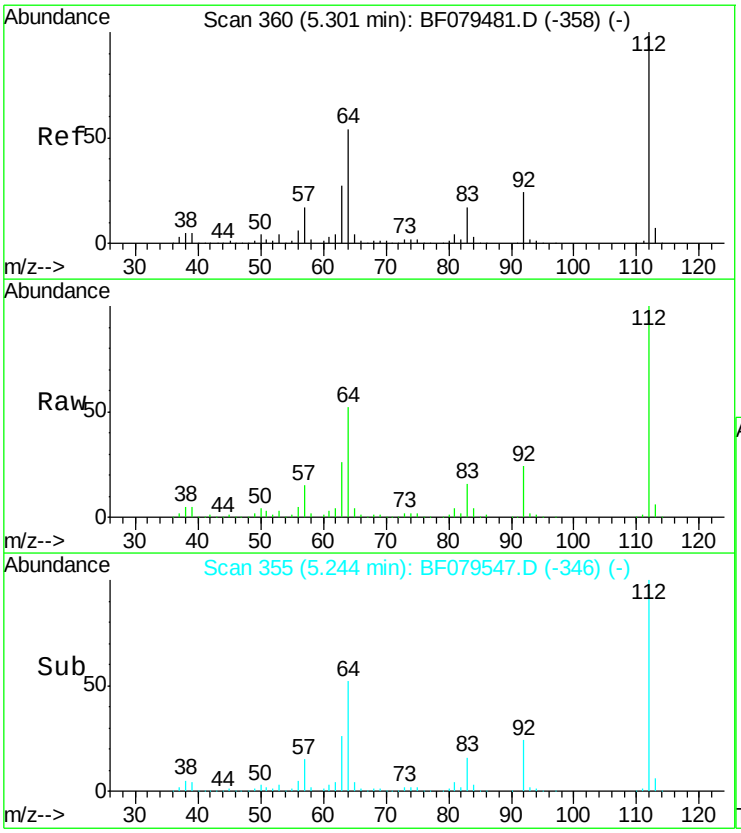
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:152 Resp: 76013

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.0	186.0
115	63.2	49.6	74.4

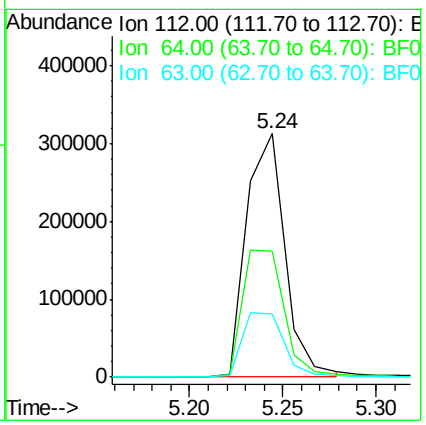


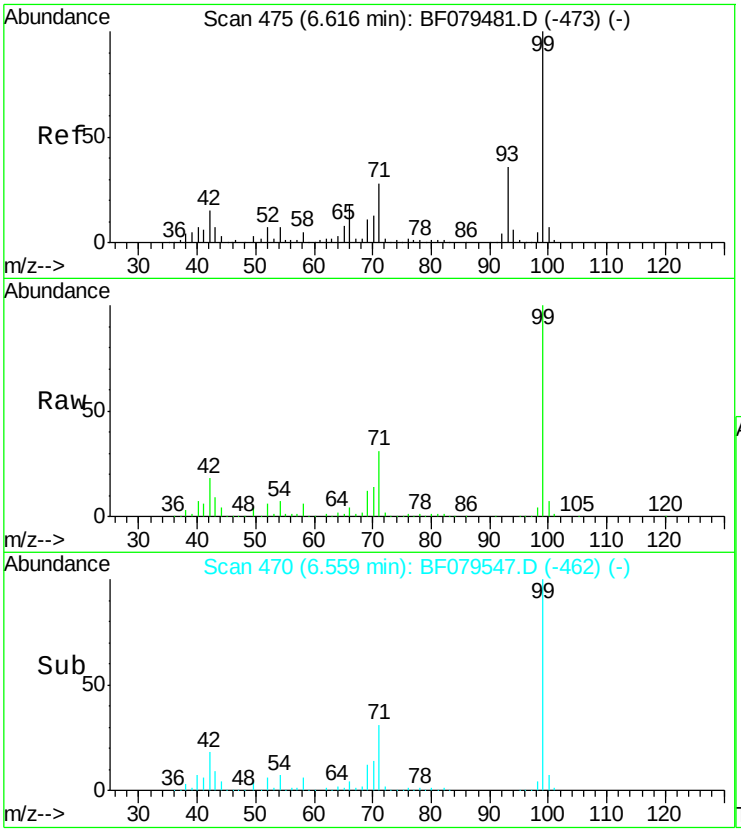


#5
2-Fluorophenol
Concen: 101.78 ng
RT: 5.24 min Scan# 355
Delta R.T. 0.01 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:112 Resp: 446049

Ion	Ratio	Lower	Upper
112	100		
64	51.6	43.5	65.3
63	25.8	21.8	32.8



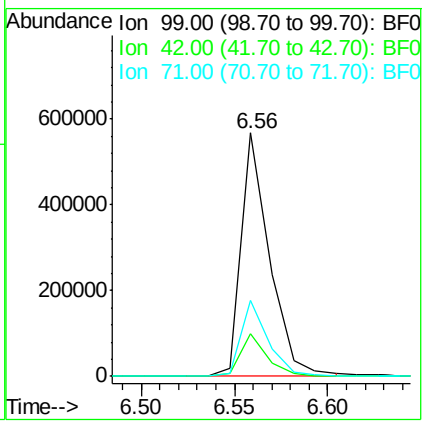


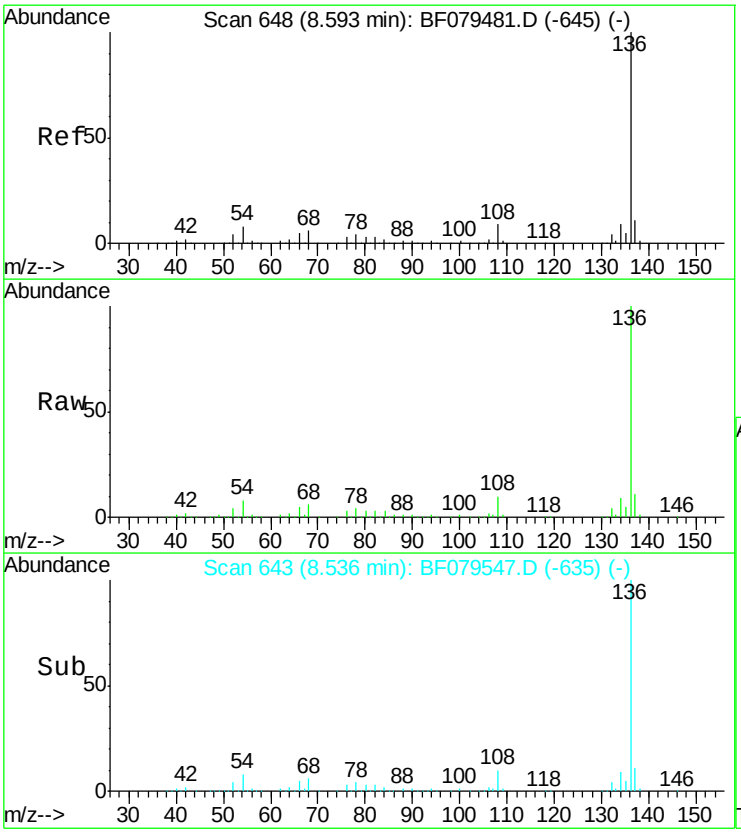
#7
Phenol-d6
Concen: 108.08 ng
RT: 6.56 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion: 99 Resp: 603751

Ion	Ratio	Lower	Upper
99	100		
42	17.6	11.9	17.9
71	31.2	22.1	33.1

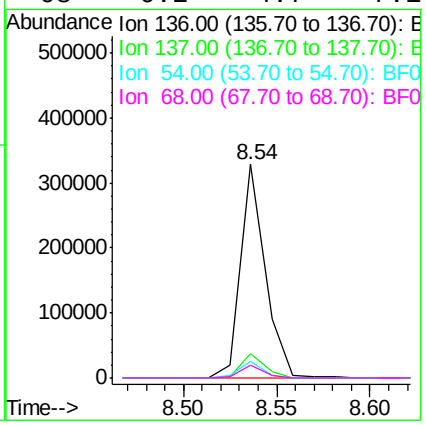


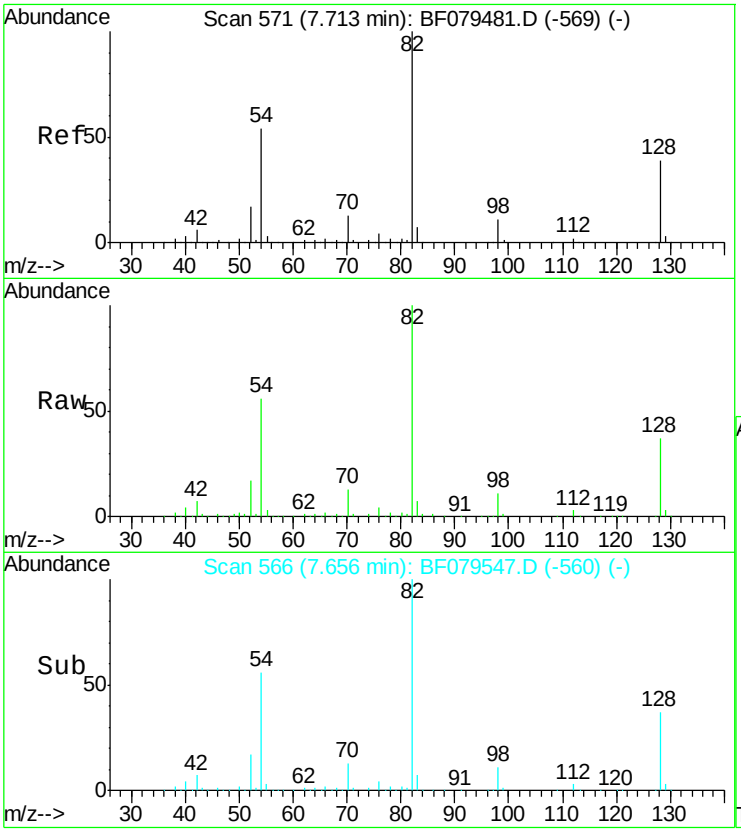


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.54 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:136 Resp: 306156

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.0	6.6	9.8
68	6.2	4.7	7.1



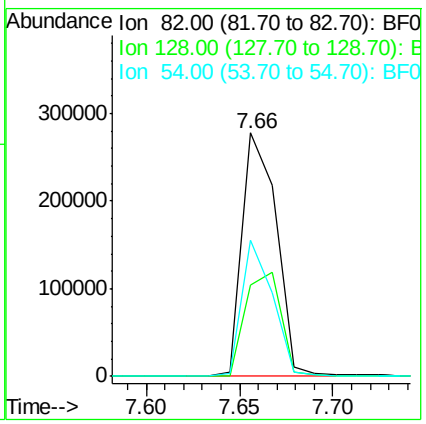


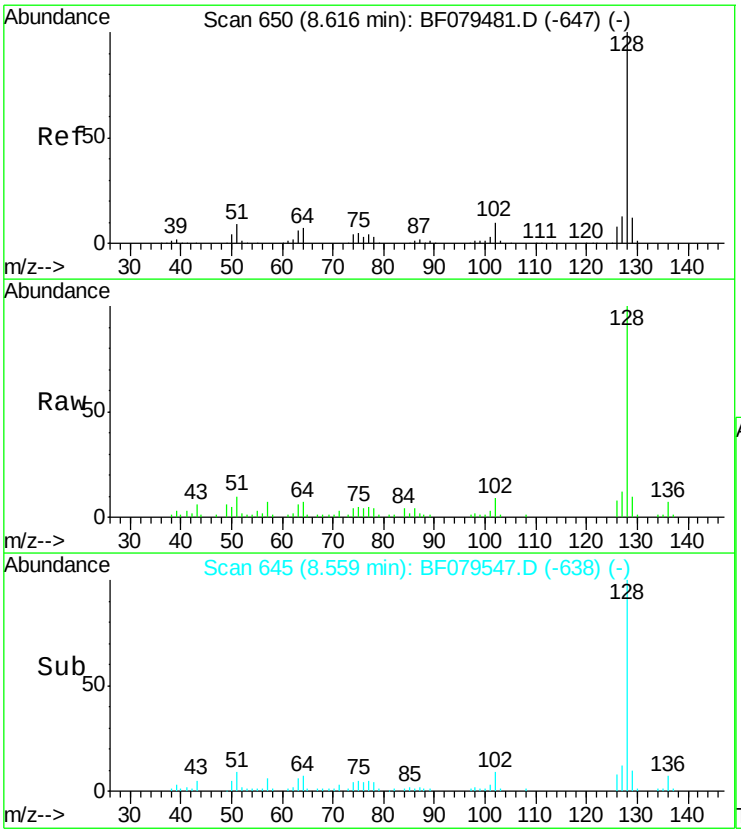
#23
Nitrobenzene-d5
Concen: 66.96 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion: 82 Resp: 354624

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.8	46.2
54	55.9	42.8	64.2

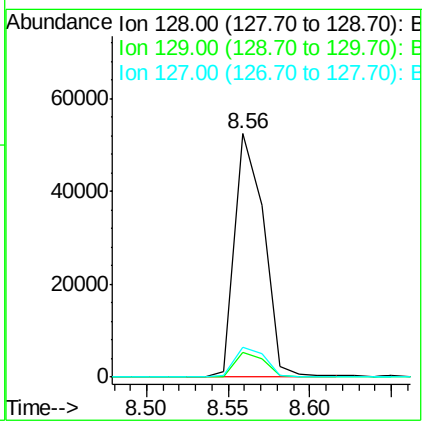


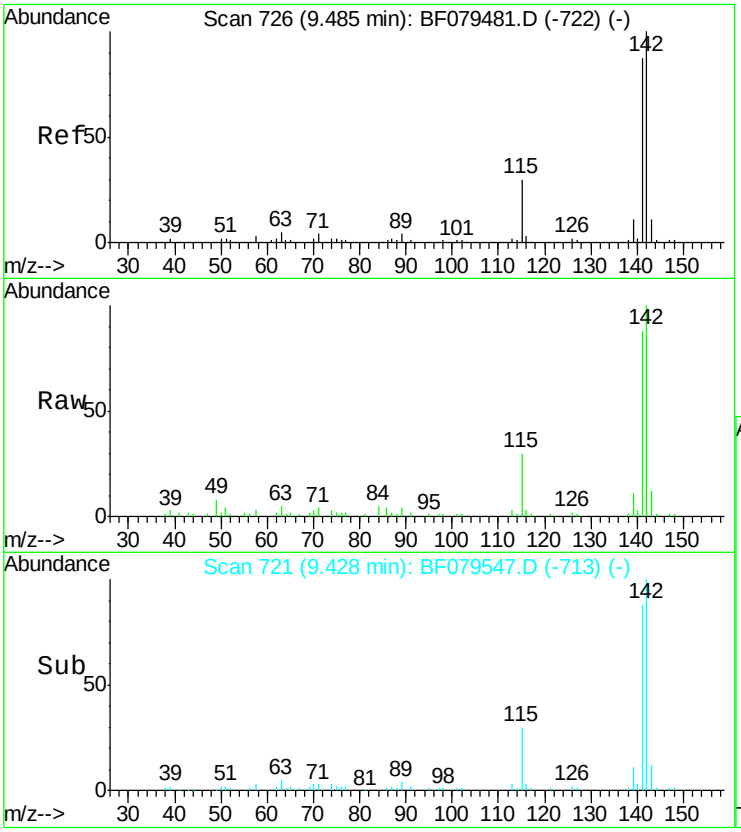


#31
Naphthalene
Concen: 4.39 ng
RT: 8.56 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:128 Resp: 64482

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.3	13.9
127	12.2	10.6	15.8



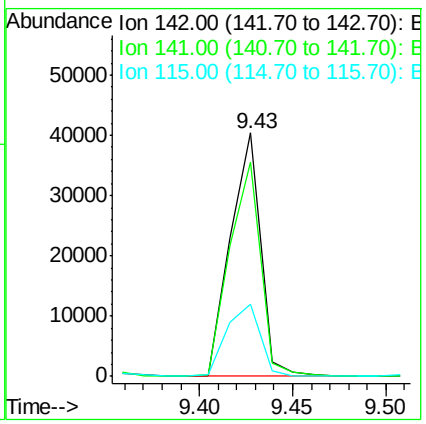


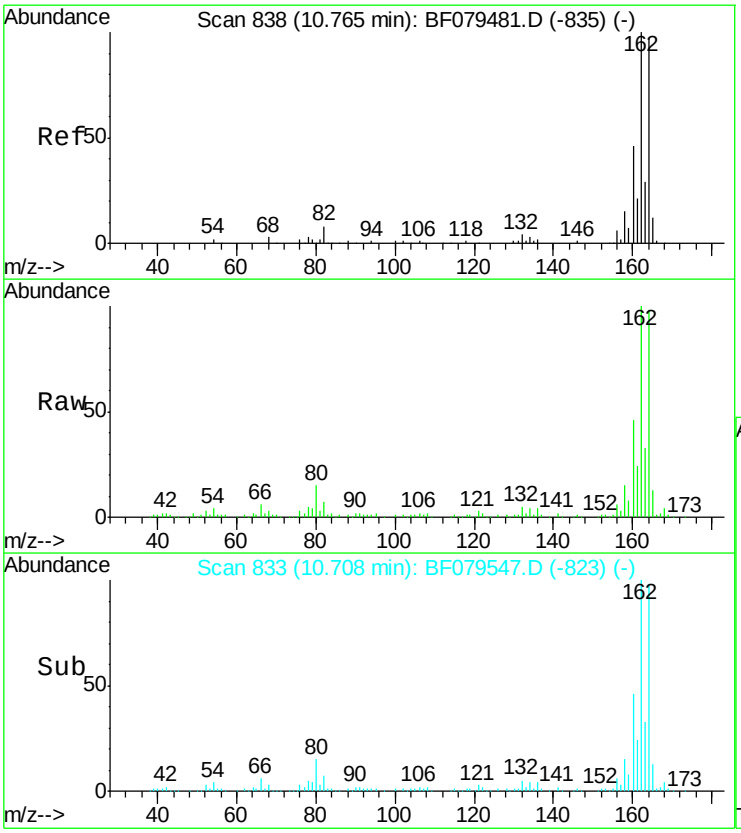
#37
2-Methylnaphthalene
Concen: 4.49 ng
RT: 9.43 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:142 Resp: 45820

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.5	104.3
115	29.7	23.8	35.6

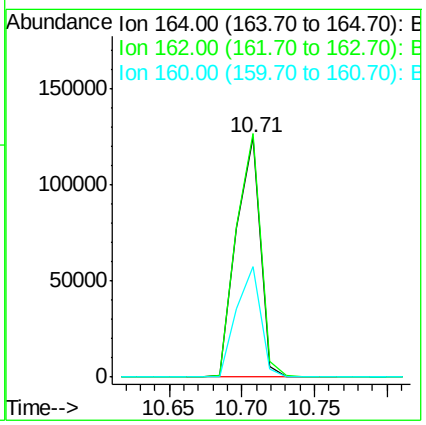


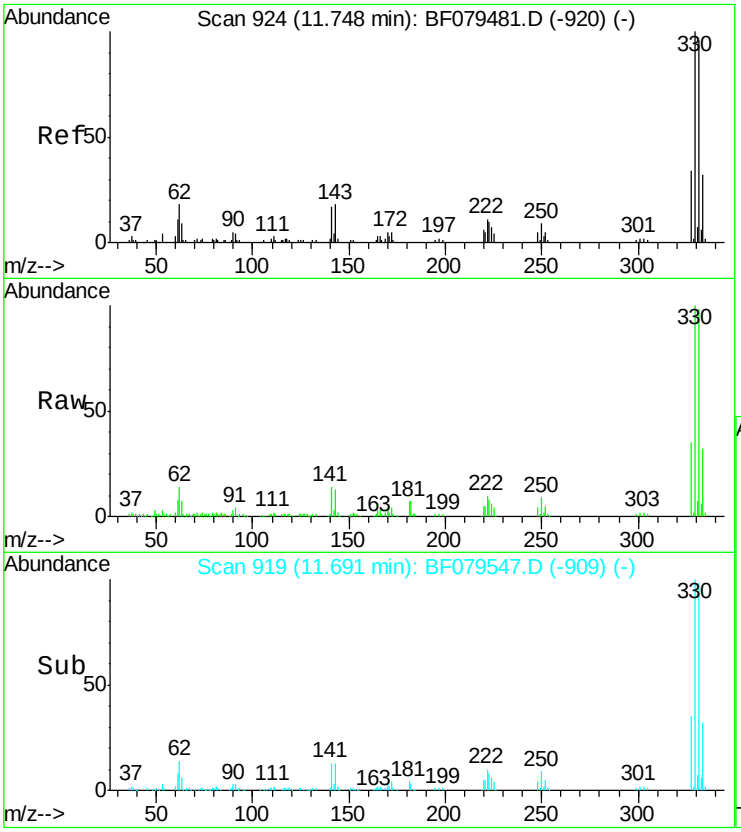


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:164 Resp: 143735

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	46.3	37.7	56.5



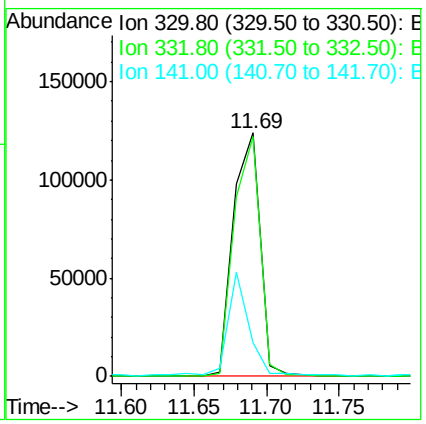


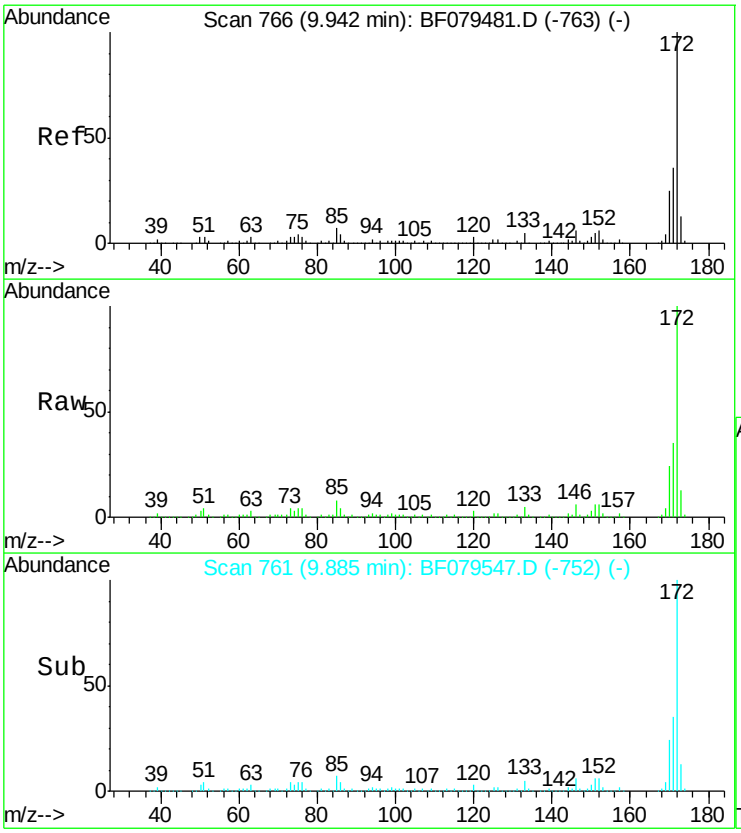
#41
2,4,6-Tribromophenol
Concen: 100.86 ng
RT: 11.69 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:330 Resp: 159226

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	34.2	0.0	0.0#

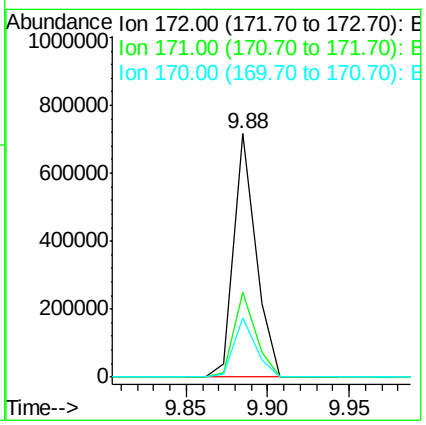


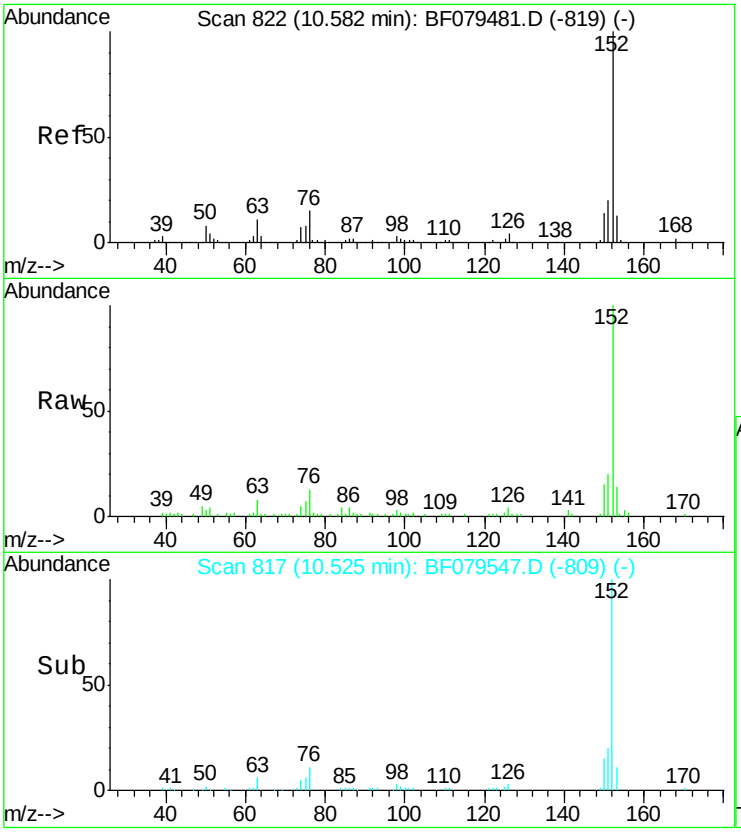


#44
2-Fluorobiphenyl
Concen: 66.65 ng
RT: 9.88 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:172 Resp: 671445

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.3	19.7	29.5



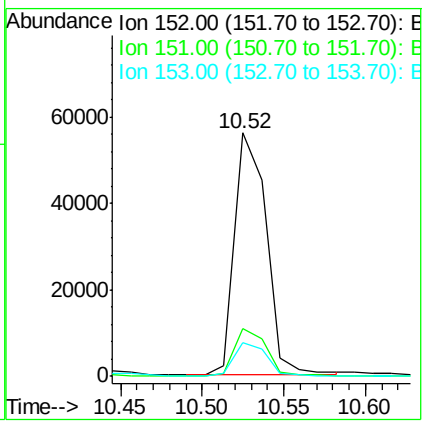


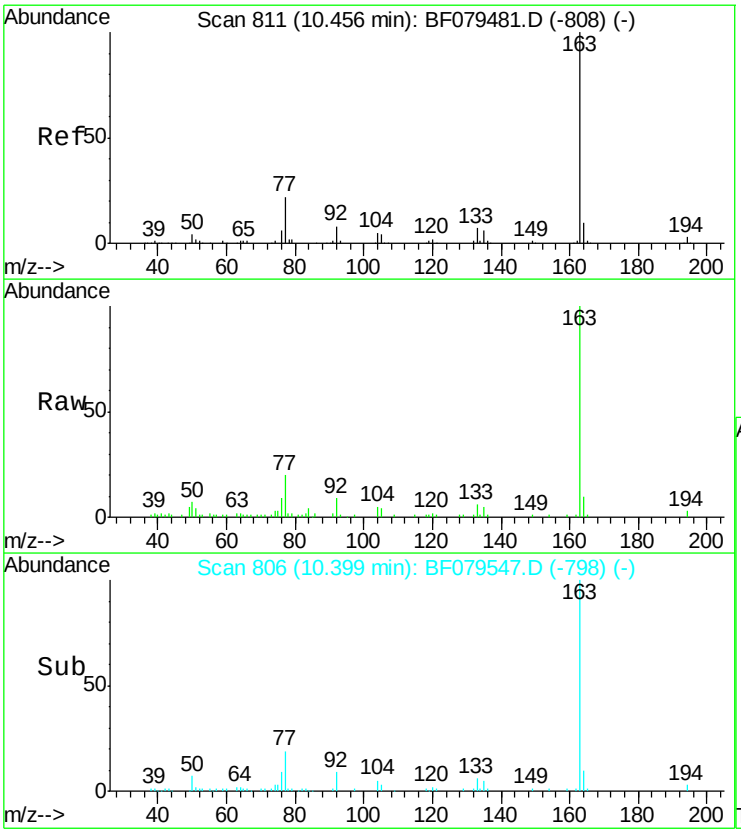
#48
Acenaphthylene
Concen: 5.12 ng
RT: 10.52 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:152 Resp: 75359

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.7	10.7	16.1

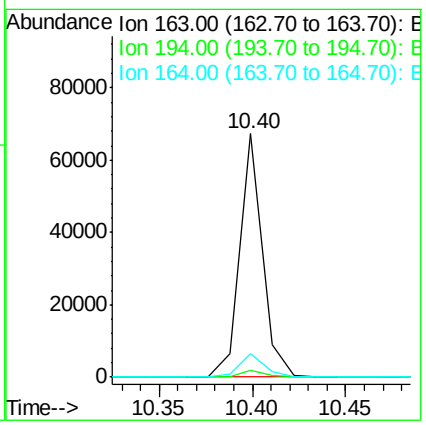


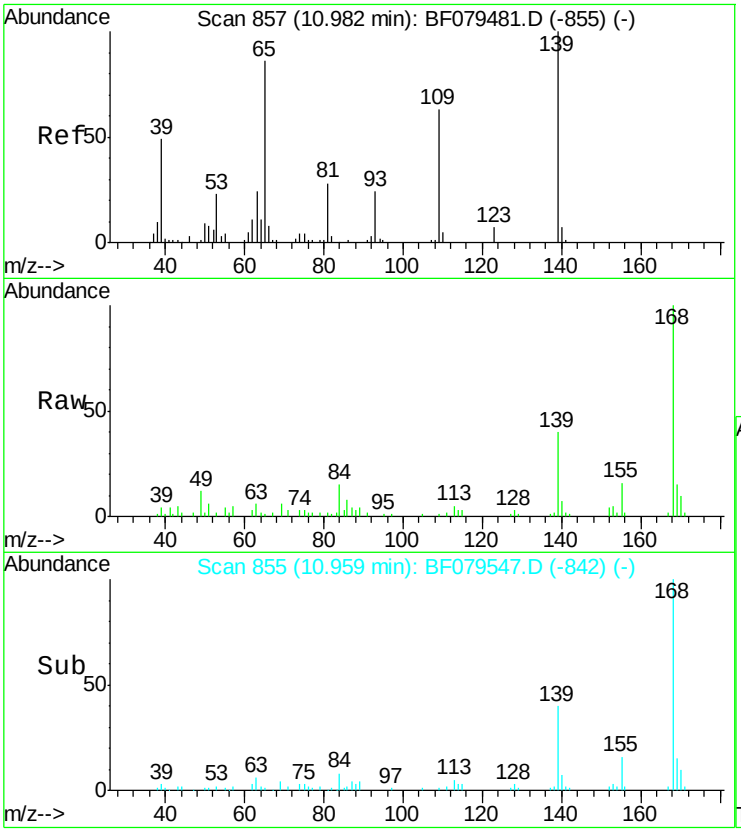


#49
Dimethylphthalate
Concen: 5.40 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:163 Resp: 57219

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.4	3.6
164	9.6	8.2	12.4



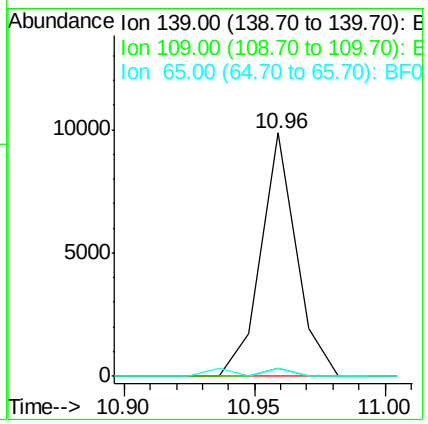


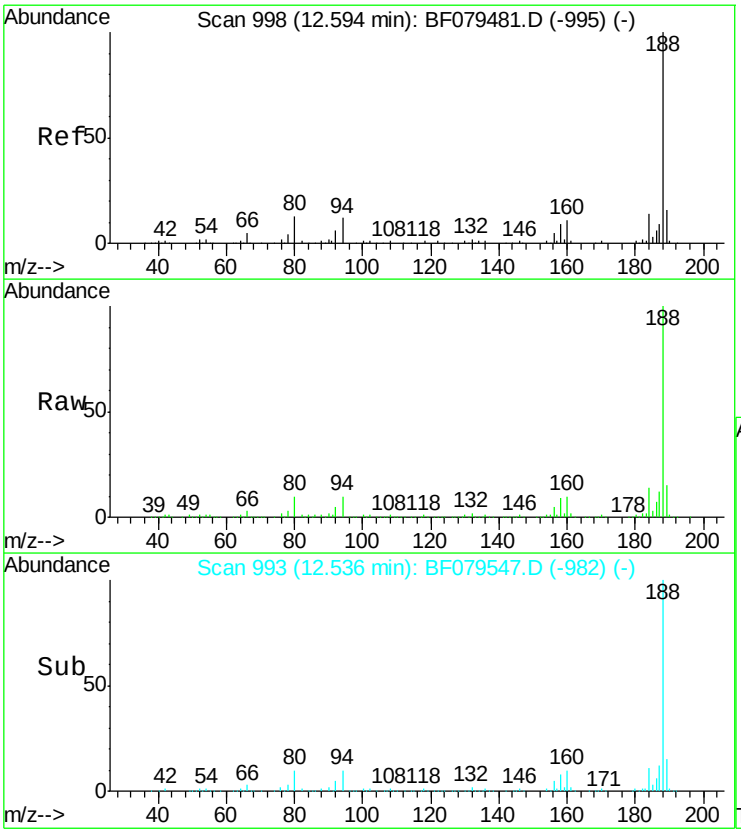
#55
4-Nitrophenol
Concen: 6.07 ng
RT: 10.96 min Scan# 855
Delta R.T. 0.03 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:139 Resp: 9264

Ion	Ratio	Lower	Upper
139	100		
109	3.2	42.8	82.8#
65	3.5	66.3	106.3#

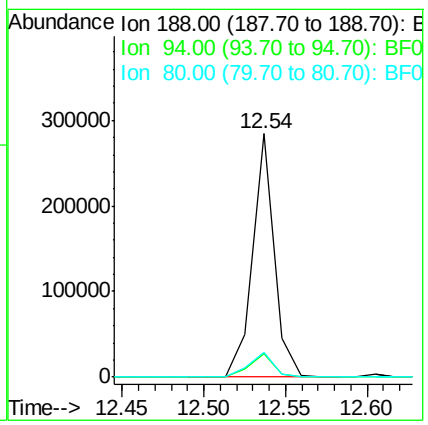


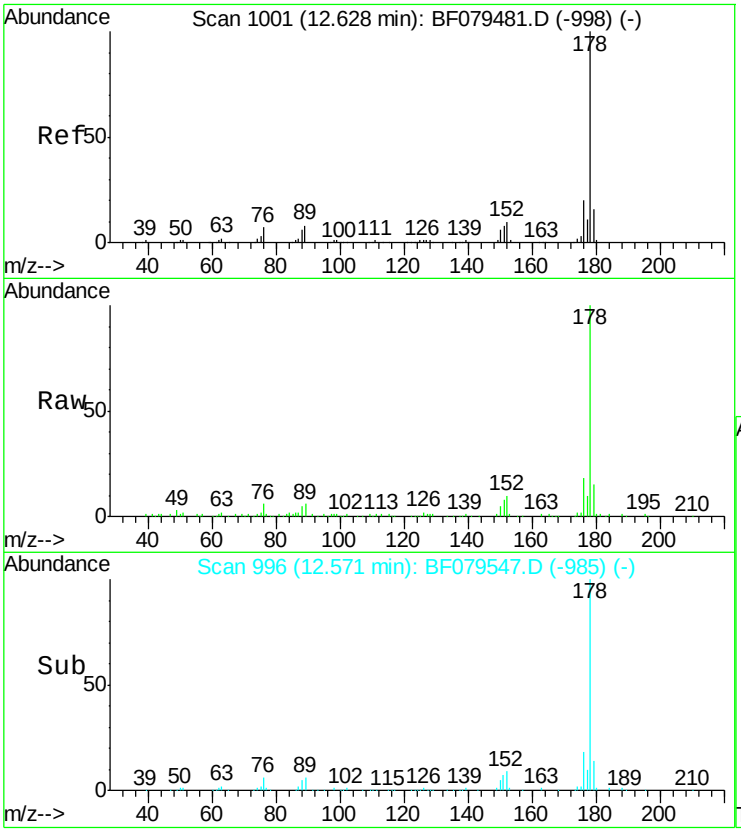


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:188 Resp: 262177

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.8	14.6#
80	10.0	10.5	15.7#



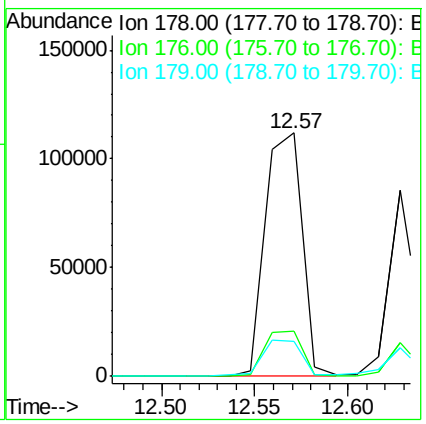


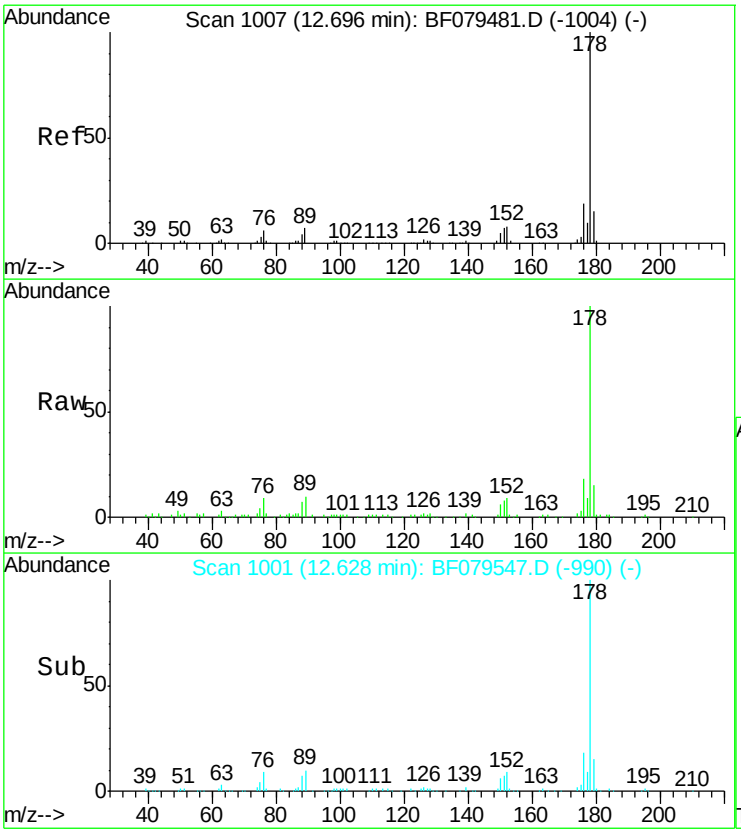
#70
Phenanthrene
Concen: 10.72 ng
RT: 12.57 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:178 Resp: 154155

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.7	23.5
179	14.6	12.4	18.6

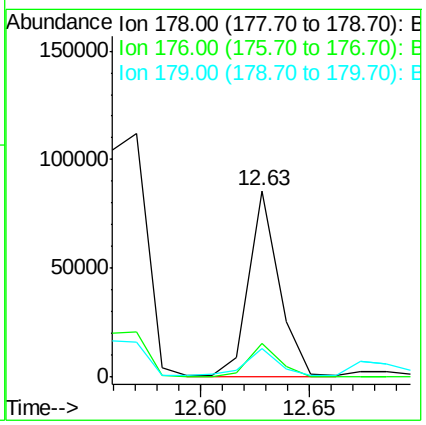


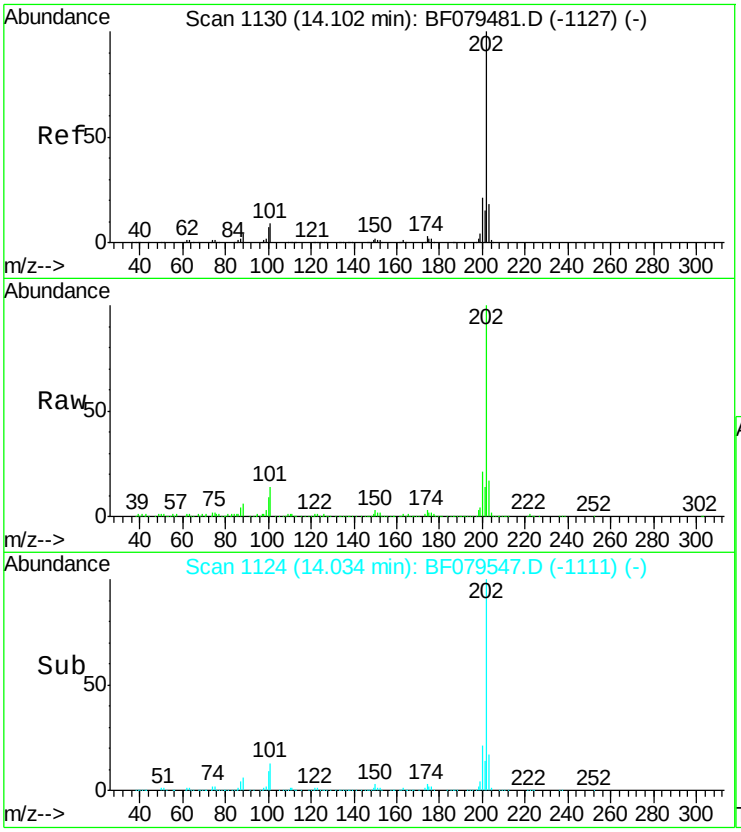


#71
Anthracene
Concen: 5.72 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:178 Resp: 83575

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.2	12.2	18.4



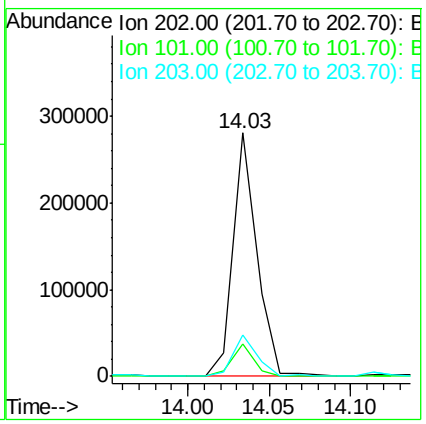


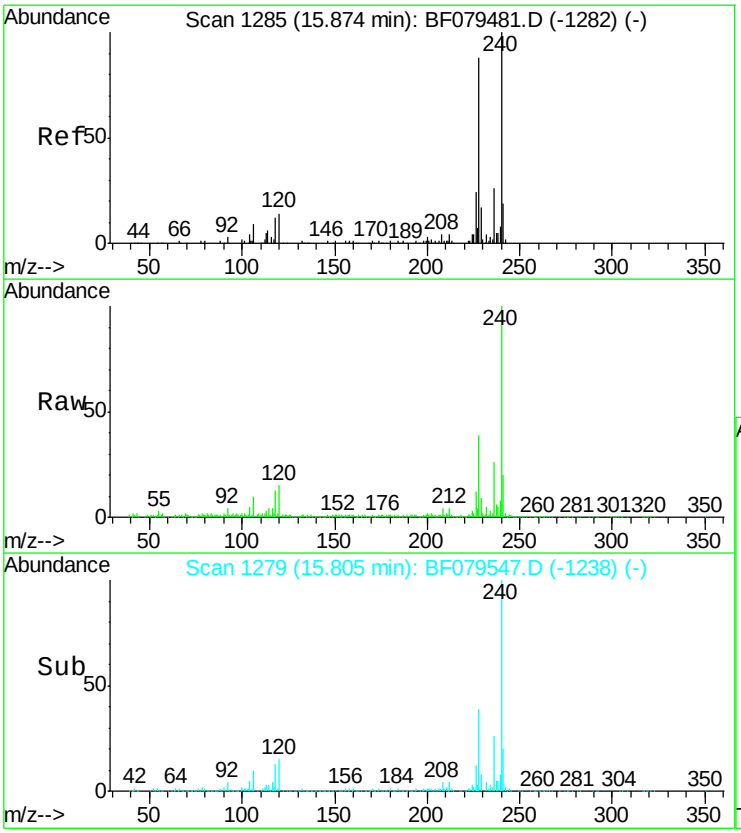
#74
Fluoranthene
Concen: 18.09 ng
RT: 14.03 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:202 Resp: 279036

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	29.3
203	17.2	0.0	37.6

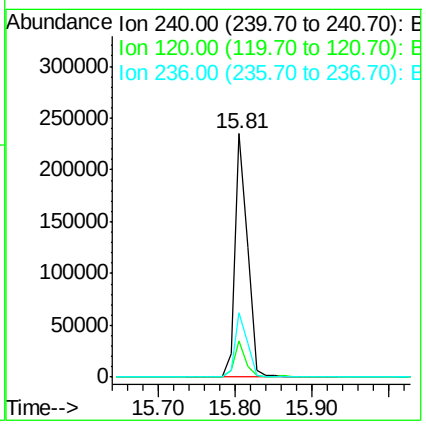


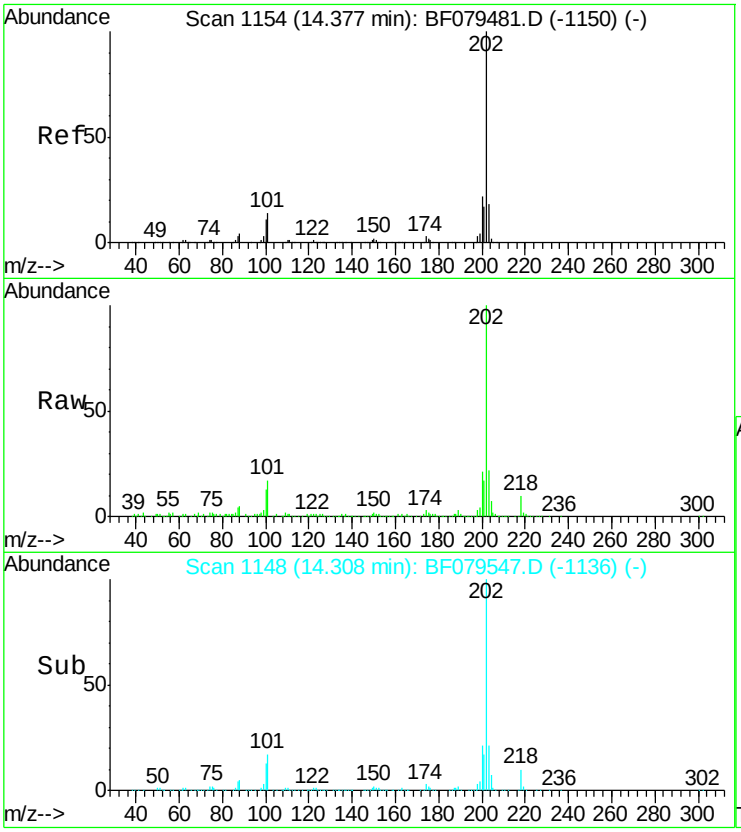


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:240 Resp: 273542

Ion	Ratio	Lower	Upper
240	100		
120	14.8	10.8	16.2
236	26.4	21.0	31.6



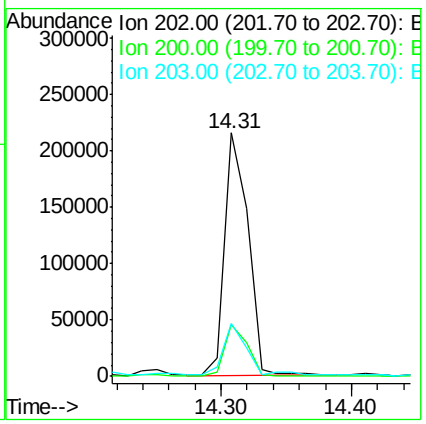


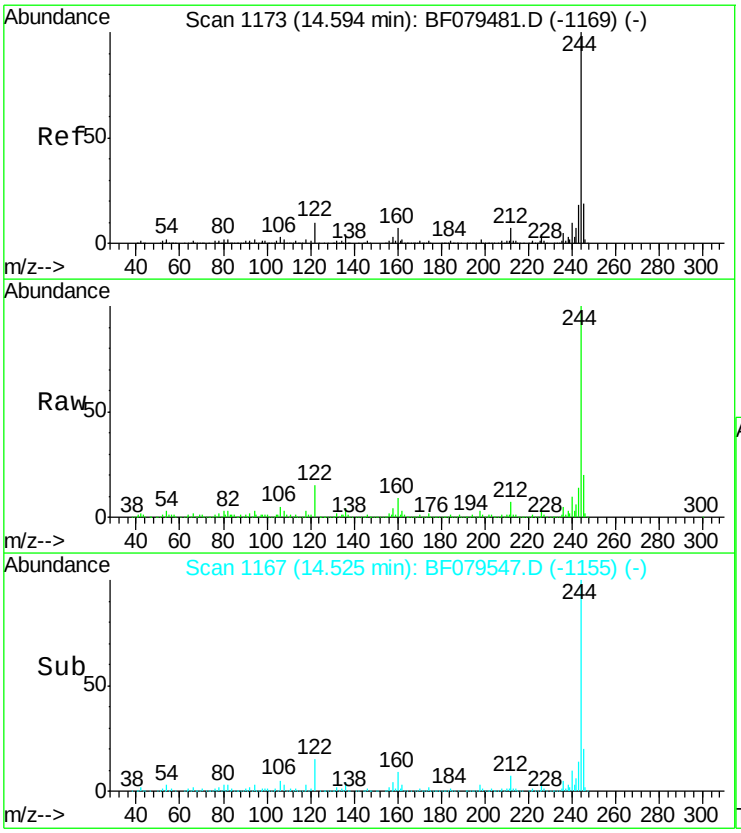
#77
Pyrene
Concen: 15.73 ng
RT: 14.31 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:202 Resp: 266650

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	21.6	14.4	21.6#

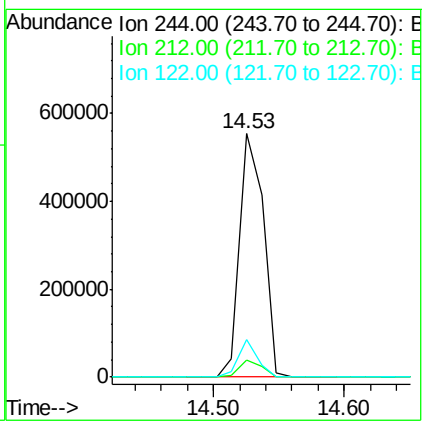


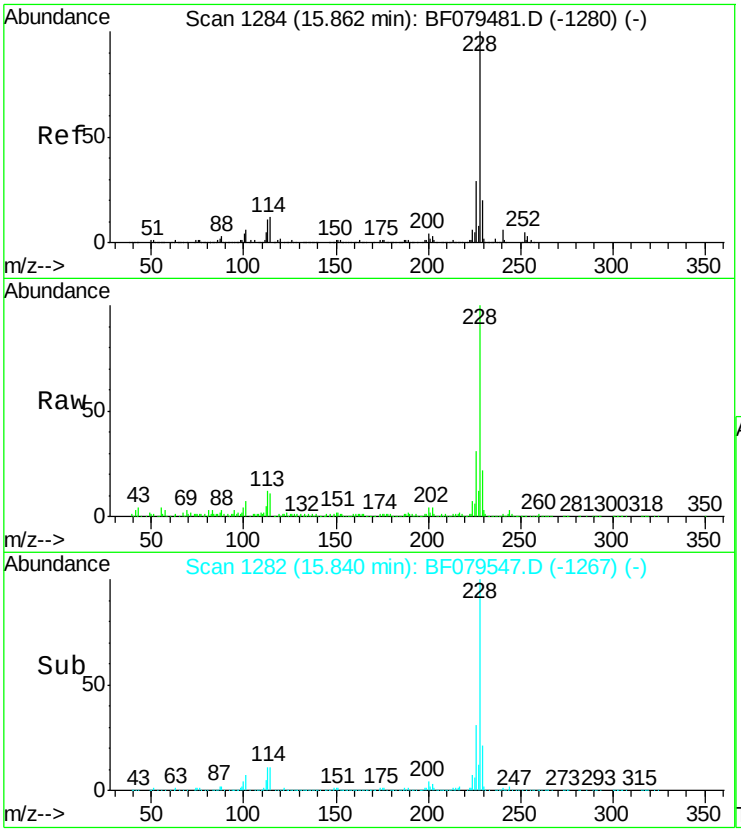


#78
Terphenyl-d14
Concen: 60.25 ng
RT: 14.53 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:244 Resp: 702231

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	15.4	8.0	12.0#



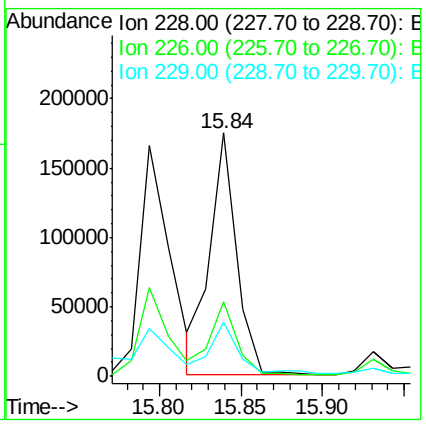


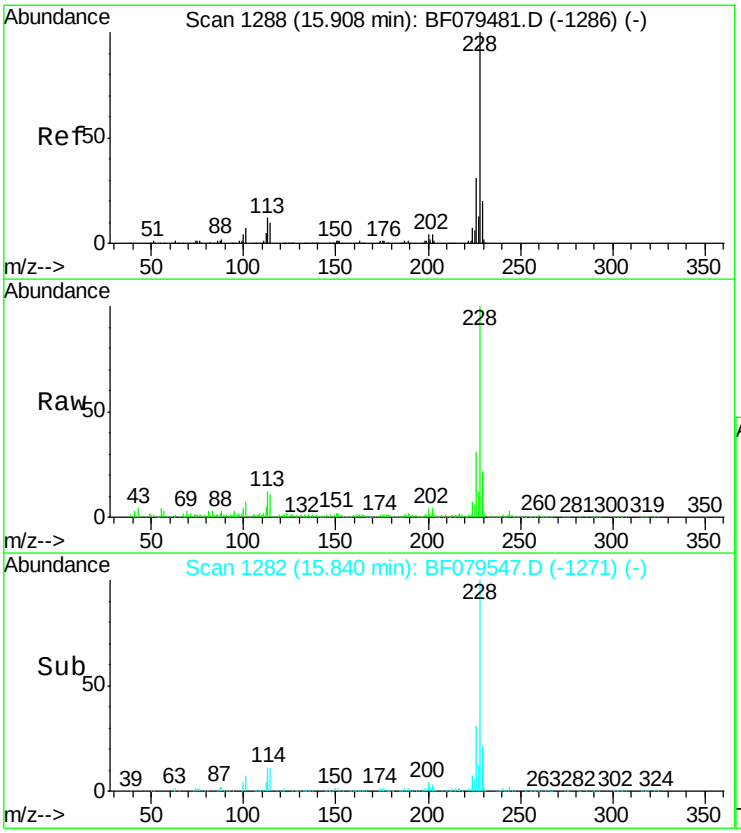
#80
Benzo(a)anthracene
Concen: 12.59 ng
RT: 15.84 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:228 Resp: 198045

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.8	34.2
229	22.1	15.9	23.9

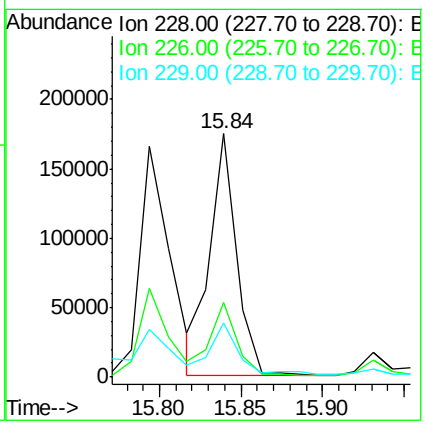


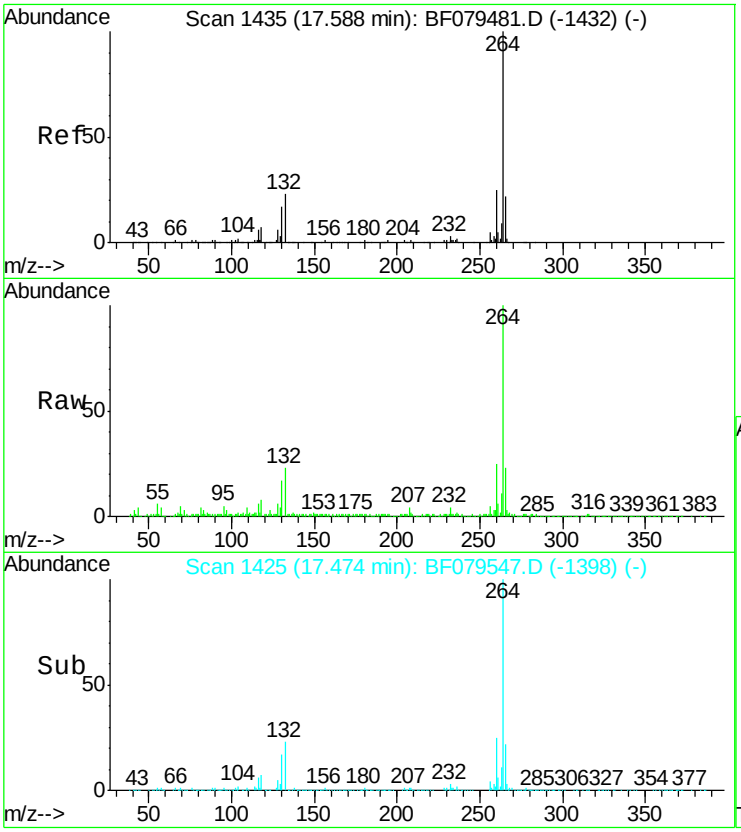


#82
Chrysene
Concen: 13.20 ng
RT: 15.84 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:228 Resp: 197395

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	22.1	15.9	23.9



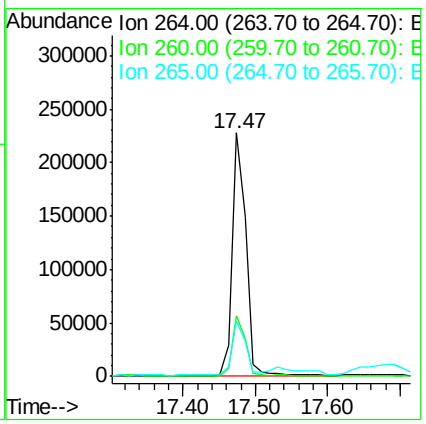


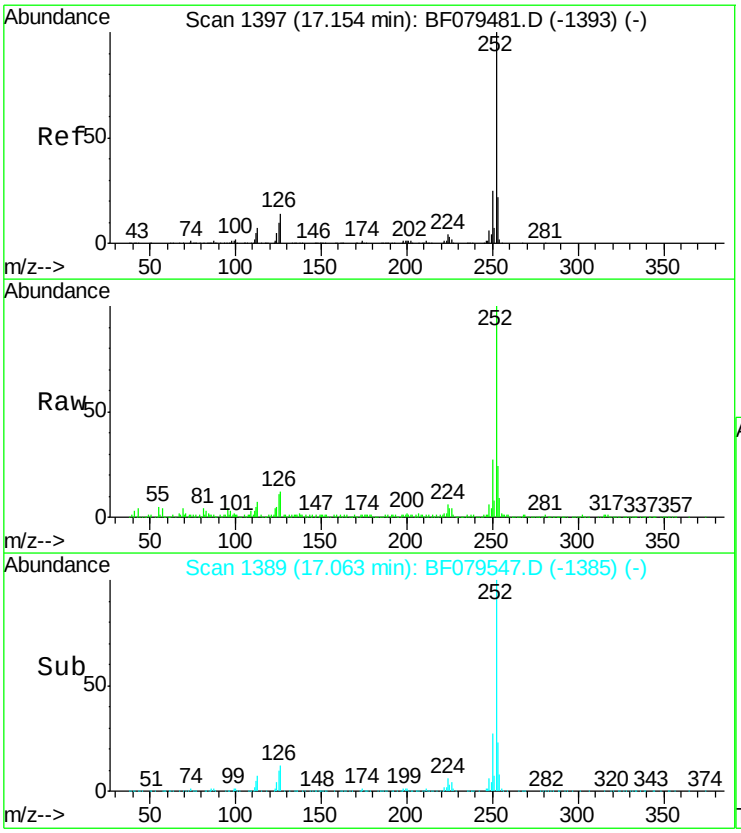
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.47 min Scan# 1425
Delta R.T. -0.19 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:264 Resp: 295064

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	22.5	17.8	26.6

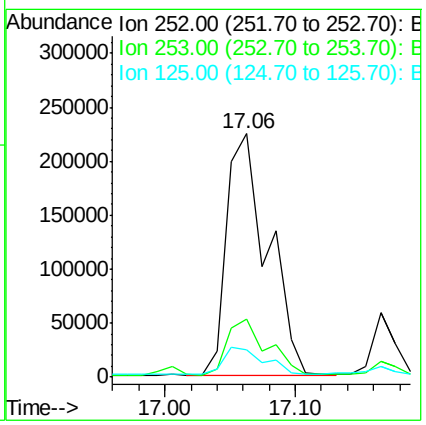


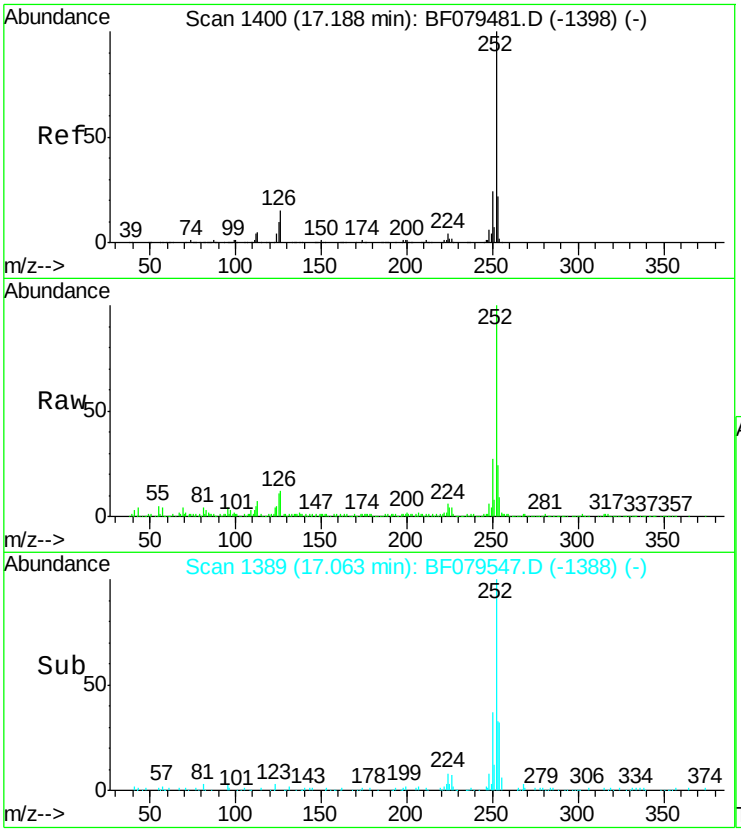


#87
Benzo(b)fluoranthene
Concen: 29.44 ng
RT: 17.06 min Scan# 1389
Delta R.T. -0.14 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:252 Resp: 495355

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	11.5	7.8	11.6



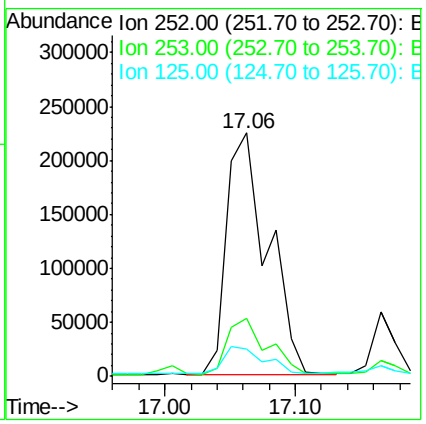


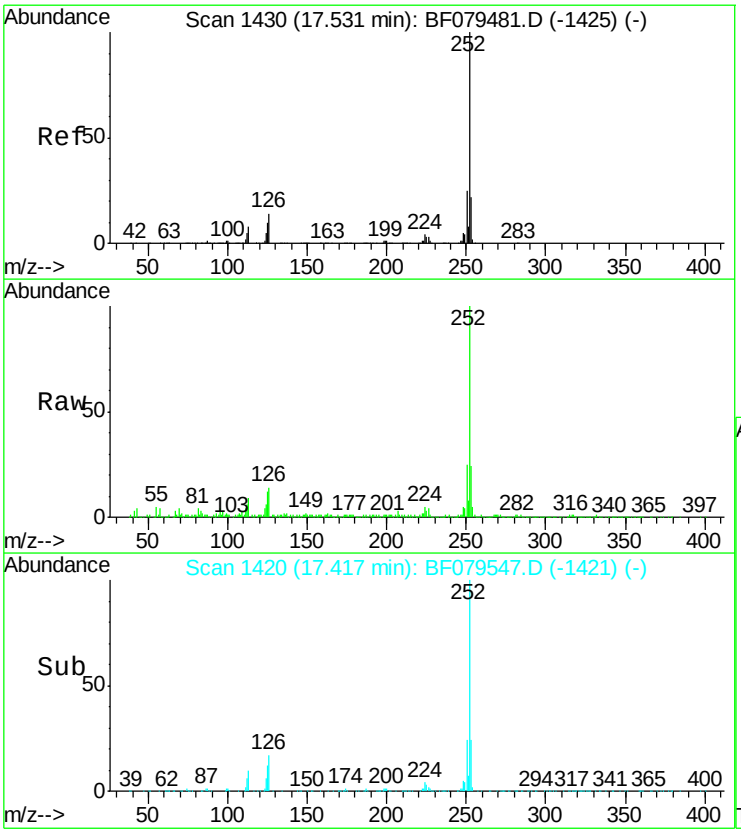
#88
Benzo(k)fluoranthene
Concen: 32.92 ng
RT: 17.06 min Scan# 1389
Delta R.T. -0.17 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:252 Resp: 495355

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	11.5	6.8	10.2#

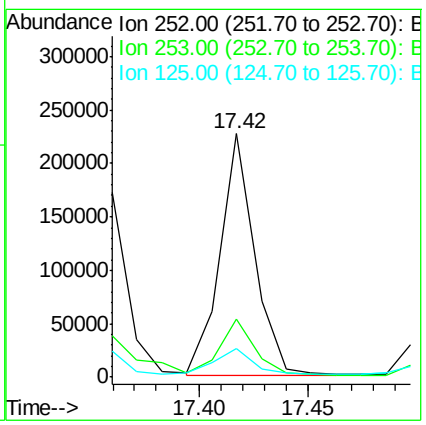


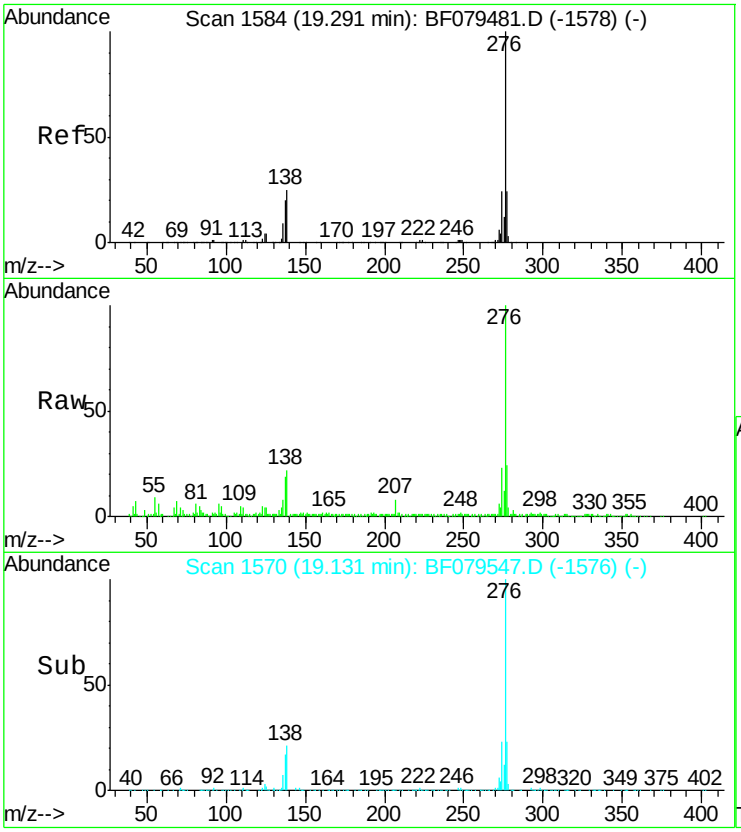


#89
Benzo(a)pyrene
Concen: 15.75 ng
RT: 17.42 min Scan# 1420
Delta R.T. -0.19 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Tgt Ion:252 Resp: 250914

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	11.6	7.9	11.9





#91
Benzo(g,h,i)perylene
Concen: 11.45 ng
RT: 19.13 min Scan# 1570
Delta R.T. -0.27 min
Lab File: BF079547.D
Acq: 28 May 2015 16:35

Instrument :
BNA_G
ClientSampleId :
TP-8-SS

Tgt Ion:276 Resp: 200764

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	21.7	20.1	30.1