Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-9-SS

Quant Time: May 29 08:48:37 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	67190	20.00	ng		0.00
21) Naphthalene-d8	8.54	136	277049	20.00	ng		0.00
38) Acenaphthene-d10	10.71	164	134115	20.00	ng		0.00
63) Phenanthrene-d10	12.54	188	251871	20.00	ng		0.00
75) Chrysene-d12	15.81	240	279754	20.00	ng		-0.03
86) Perylene-d12	17.49	264	300189	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	393407	101.56	ng		0.01
7) Phenol-d6	6.56	99	522551	105.83	ng		0.00
23) Nitrobenzene-d5	7.66	82	294008	61.34	ng		-0.01
41) 2,4,6-Tribromophenol	11.69	330	148471	100.79	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	496878	52.86	ng		0.00
78) Terphenyl-d14	14.53	244	616785	51.74	ng		-0.01
Target Compounds							Qvalue
48) Acenaphthylene	10.52	152	40904	2.98	ng		98
49) Dimethylphthalate	10.40	163	37947	3.84	ng		99
51) Acenaphthene	10.74	154	17660	2.25	ng		94
55) 4-Nitrophenol	10.96	139	4671	3.28	ng	#	12
57) Fluorene	11.38	166	24664	2.58	ng		95
70) Phenanthrene	12.57	178	315803	22.85	ng		99
71) Anthracene	12.63	178	103491	7.38	ng		99
72) Carbazole	12.85	167	33818	2.50	ng		97
73) Di-n-butylphthalate	13.30	149	7595	Below Cal		#	82
74) Fluoranthene	14.03	202	583628	39.39	ng		95
77) Pyrene	14.31	202	495294	28.58	ng	#	95
80) Benzo(a)anthracene	15.79	228	313742	19.50	ng		96
82) Chrysene	15.84	228	250858	16.40	ng		97
87) Benzo(b)fluoranthene	17.06	252	509673	29.77	ng	#	97
88) Benzo(k)fluoranthene	17.06	252	509673	33.29	ng	#	95
89) Benzo(a)pyrene	17.43	252	271622	16.89	ng		96
90) Dibenzo(a,h)anthracene	18.86	278	15664	Below Cal		#	59
91) Benzo(g,h,i)perylene	19.14	276	161909	8.35	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
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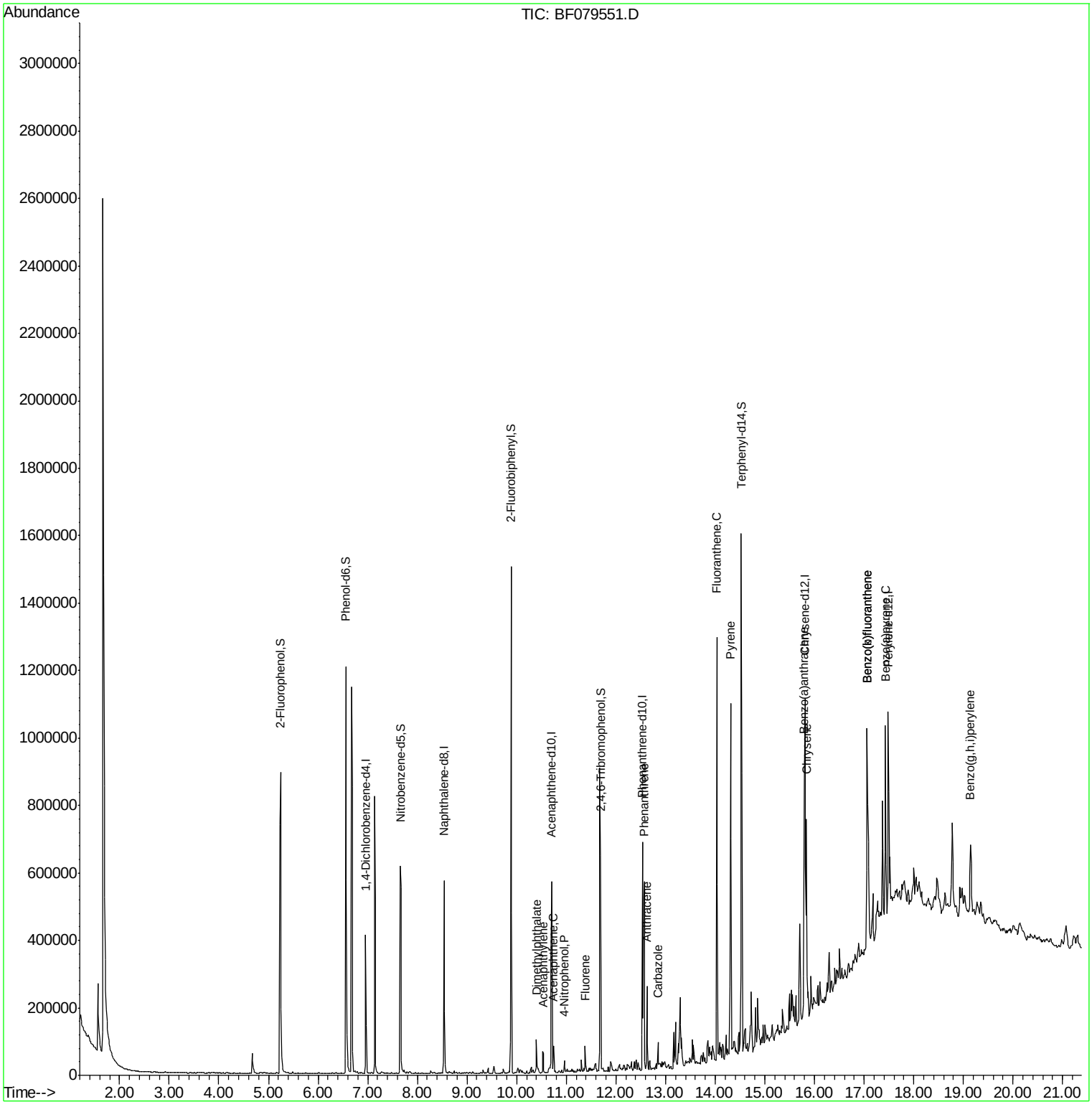
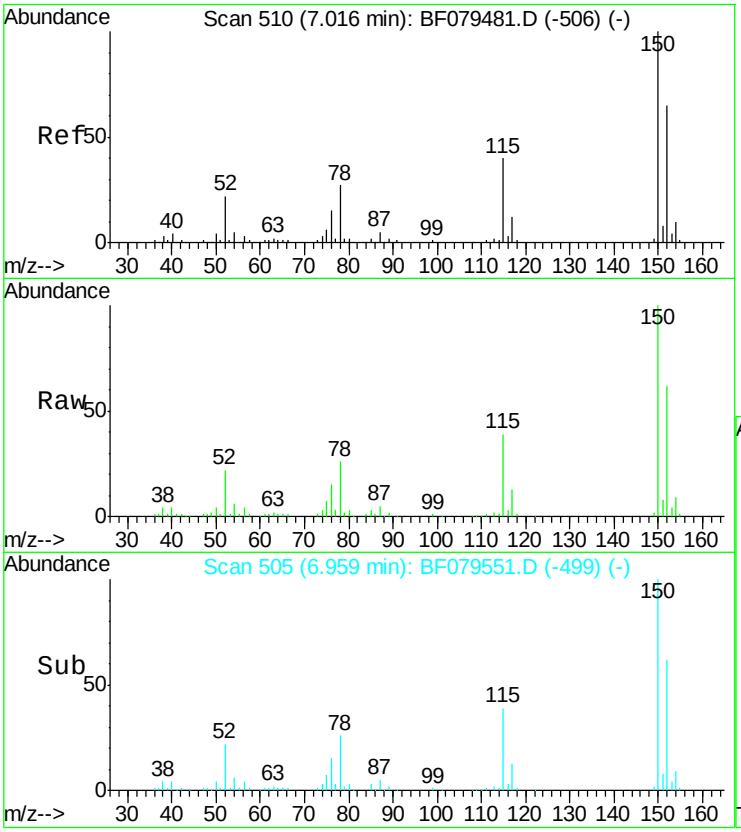
Response via : Initial Calibration



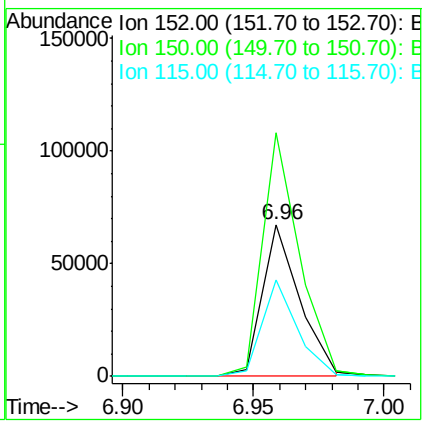


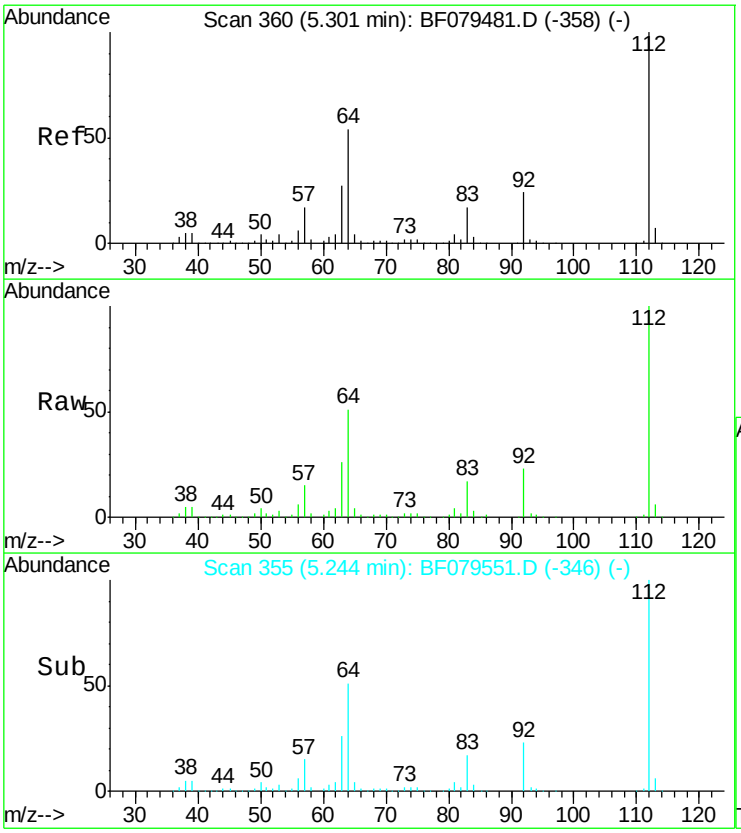
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:152 Resp: 67190

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.0	186.0
115	63.3	49.6	74.4

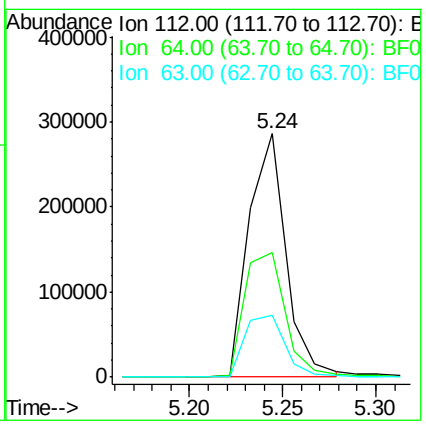


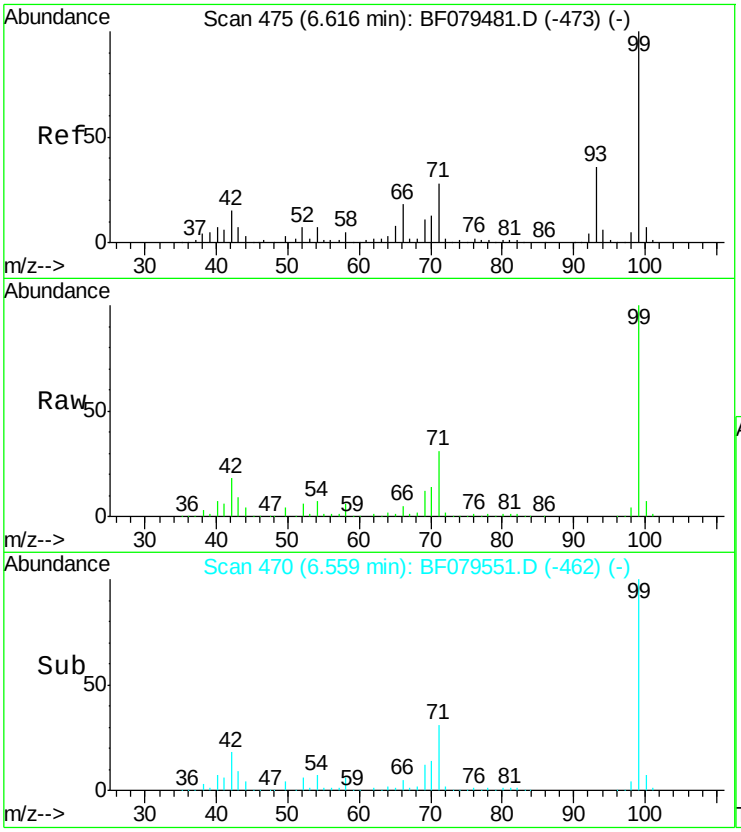


#5
2-Fluorophenol
Concen: 101.56 ng
RT: 5.24 min Scan# 355
Delta R.T. 0.01 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:112 Resp: 393407

Ion	Ratio	Lower	Upper
112	100		
64	51.4	43.5	65.3
63	25.6	21.8	32.8



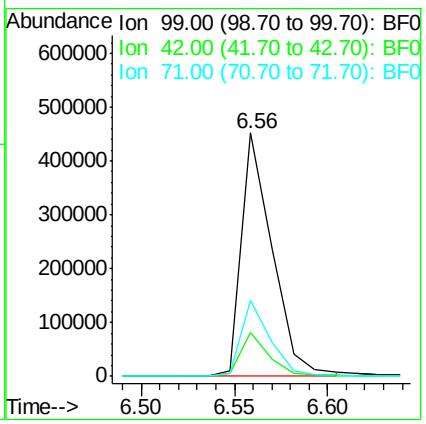


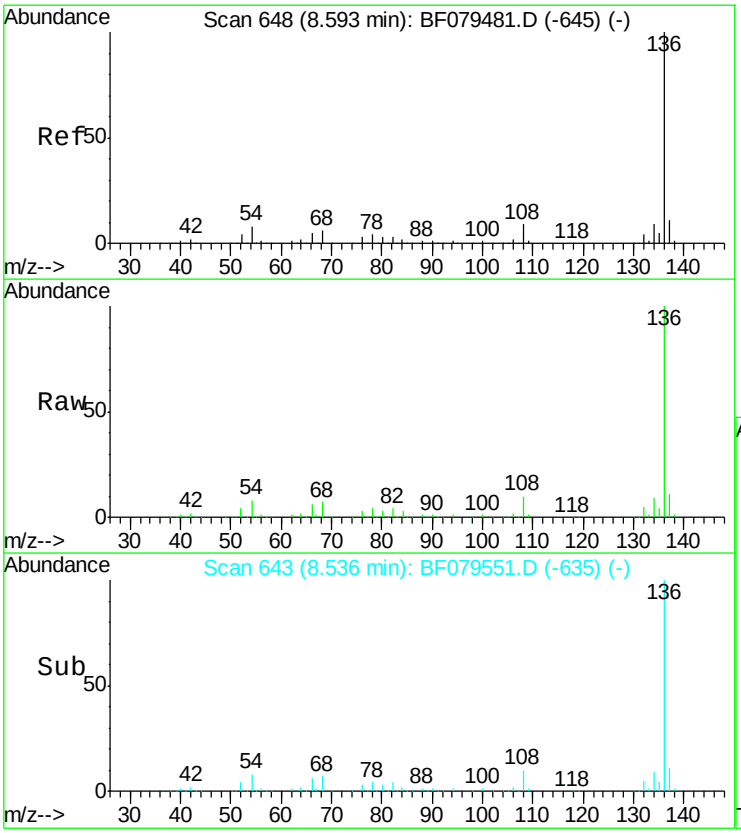
#7
Phenol-d6
Concen: 105.83 ng
RT: 6.56 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion: 99 Resp: 522551

Ion	Ratio	Lower	Upper
99	100		
42	18.2	11.9	17.9#
71	31.3	22.1	33.1

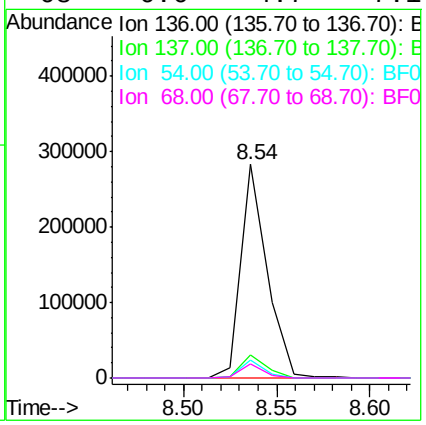


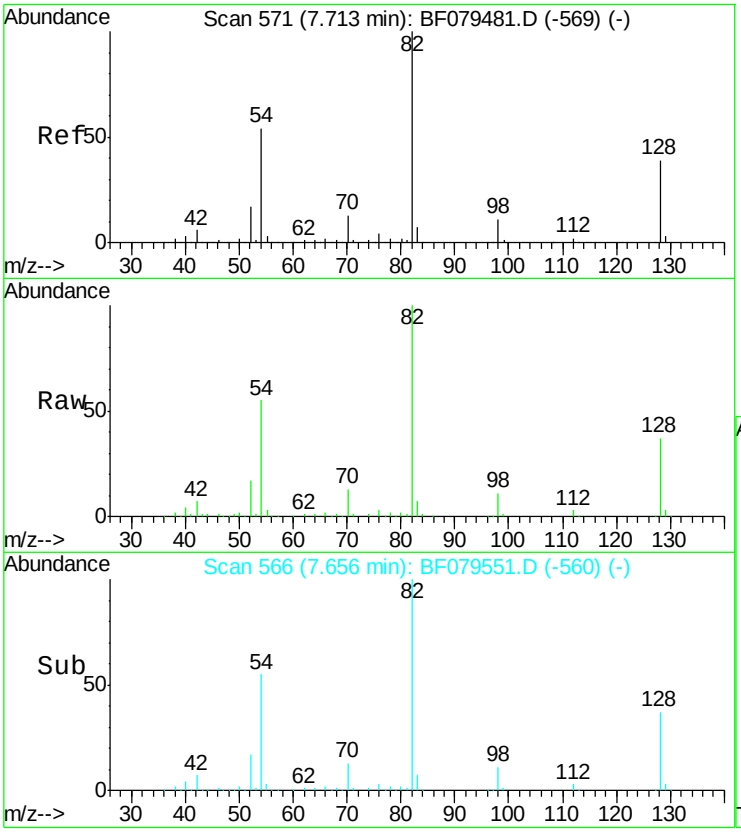


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.54 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:136 Resp: 277049

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.5	6.6	9.8
68	6.6	4.7	7.1



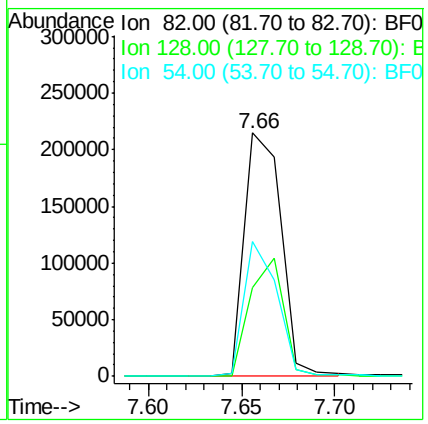


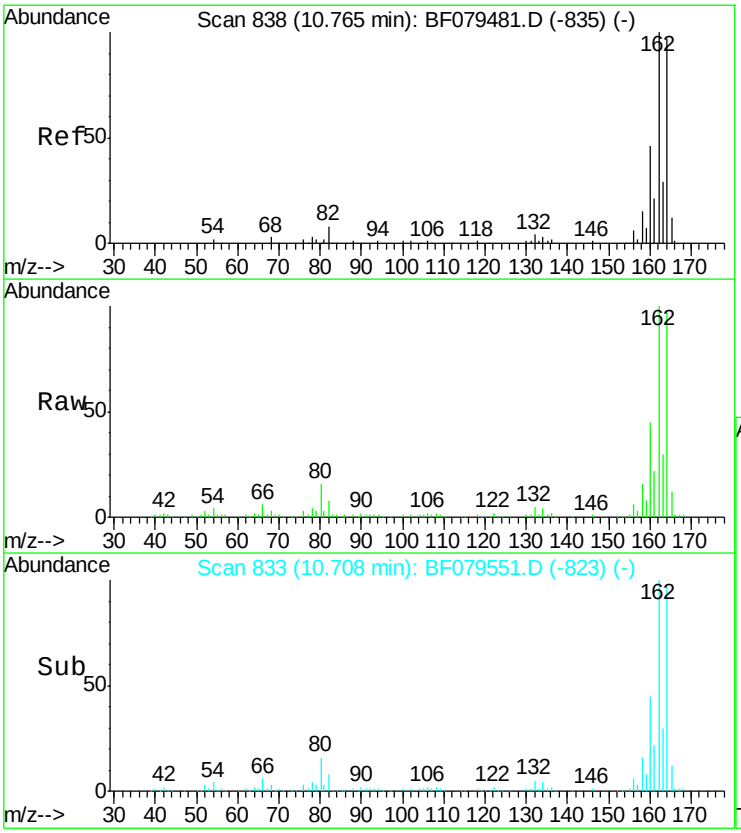
#23
Nitrobenzene-d5
Concen: 61.34 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion: 82 Resp: 294008

Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.8	46.2
54	55.3	42.8	64.2

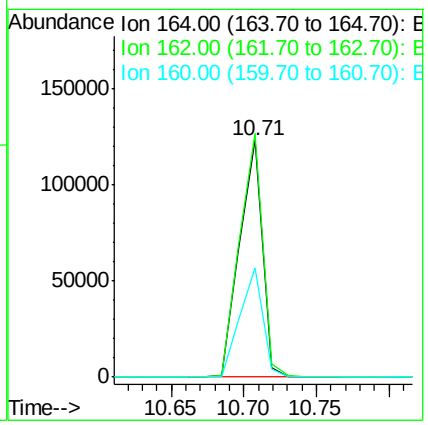


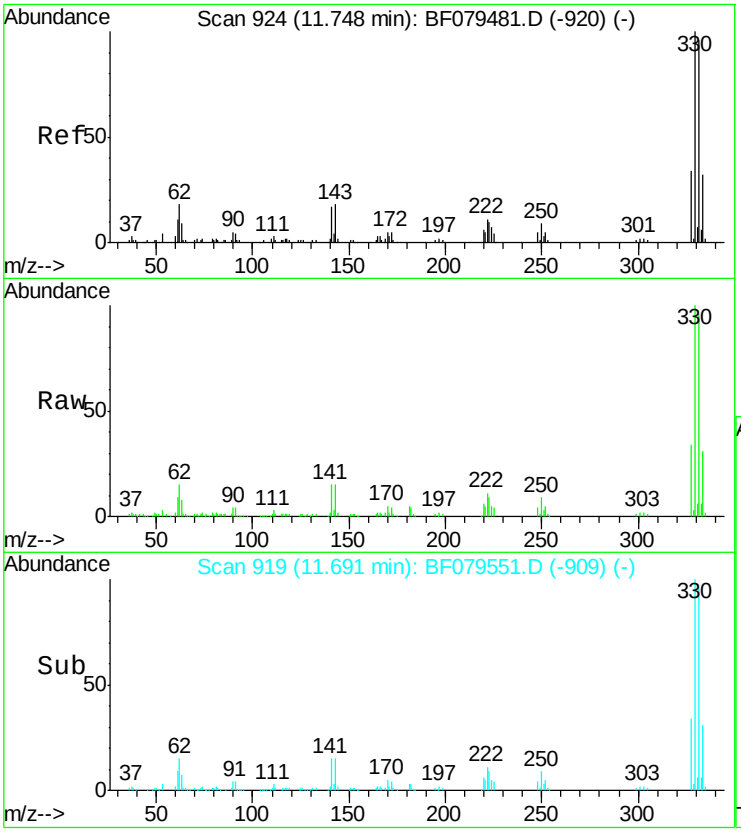


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:164 Resp: 134115

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	124.0
160	46.4	37.7	56.5



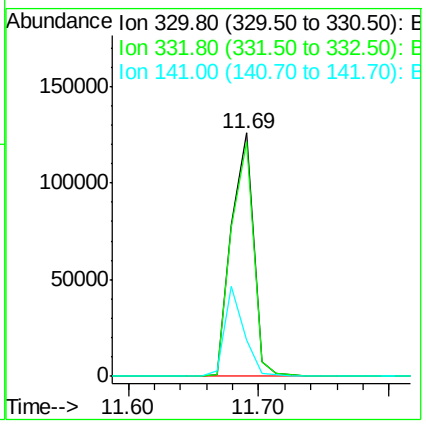


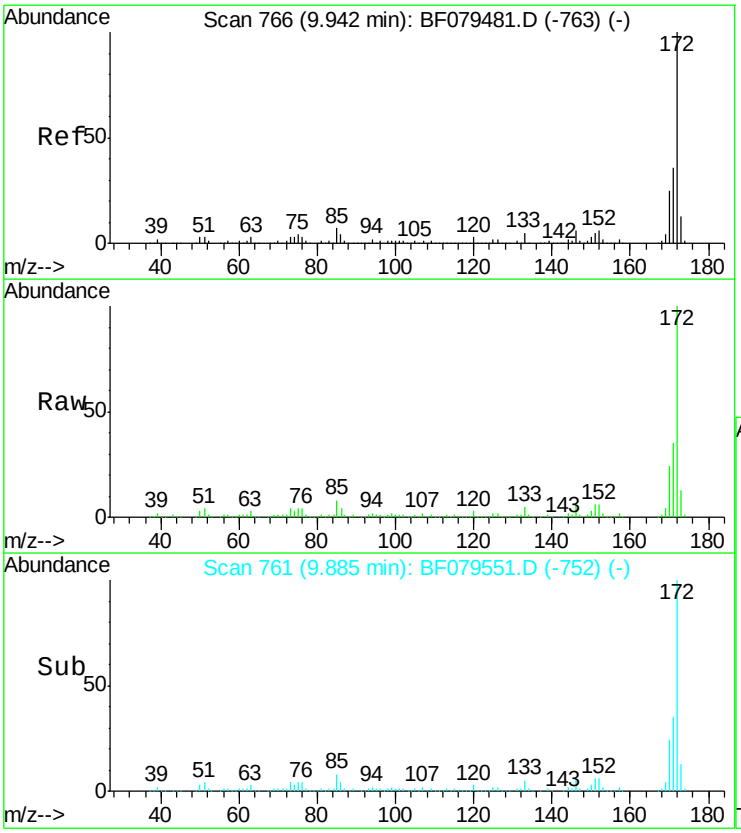
#41
2,4,6-Tribromophenol
Concen: 100.79 ng
RT: 11.69 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:330 Resp: 148471

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	33.1	0.0	0.0#

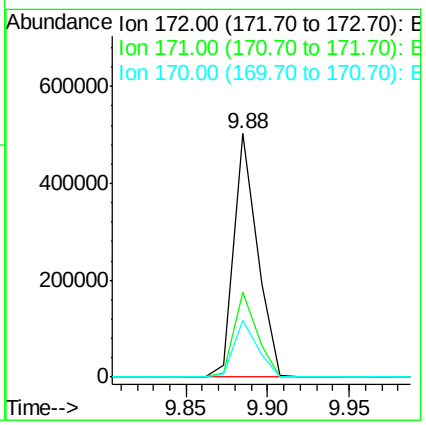


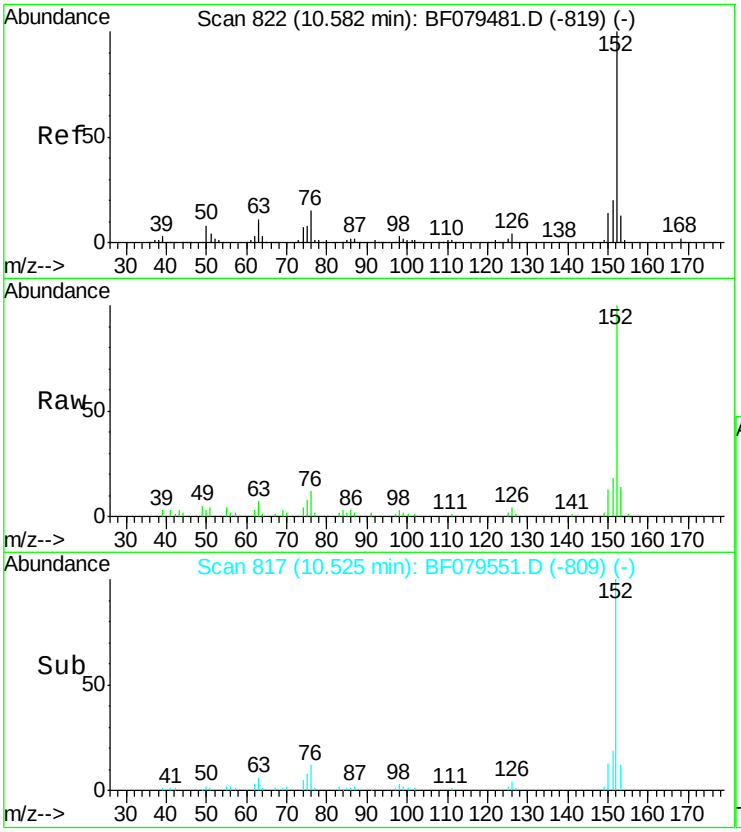


#44
2-Fluorobiphenyl
Concen: 52.86 ng
RT: 9.88 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:172 Resp: 496878

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.5	19.7	29.5



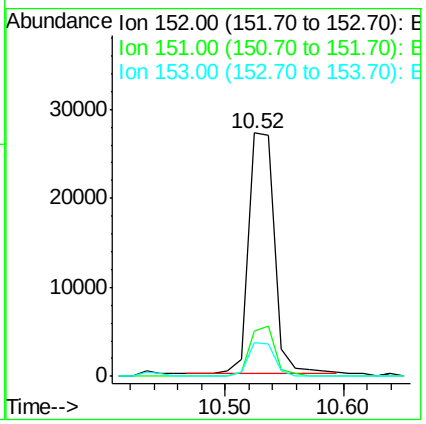


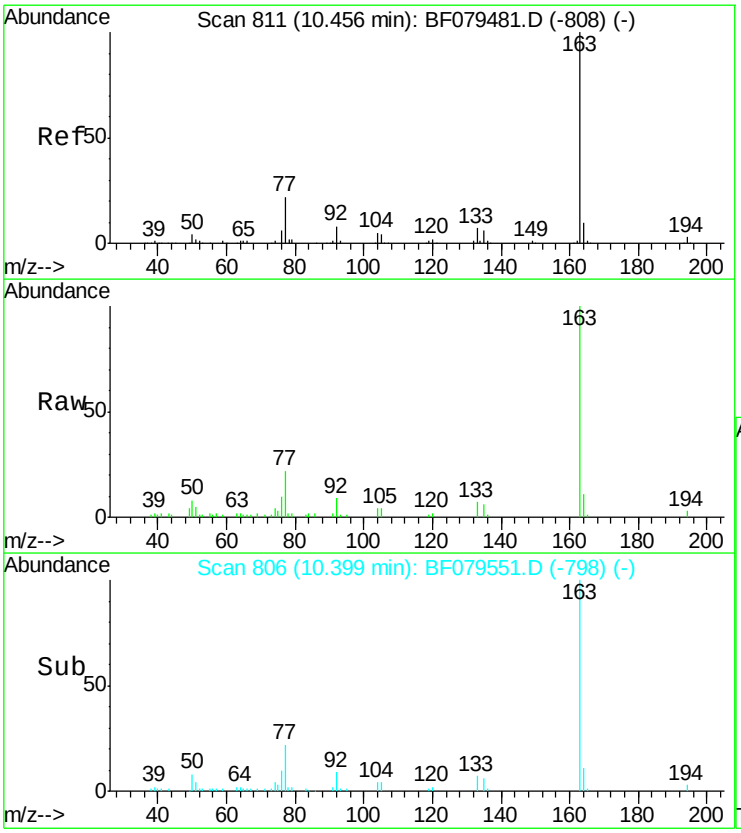
#48
Acenaphthylene
Concen: 2.98 ng
RT: 10.52 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:152 Resp: 40904

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.8	23.8
153	13.6	10.7	16.1

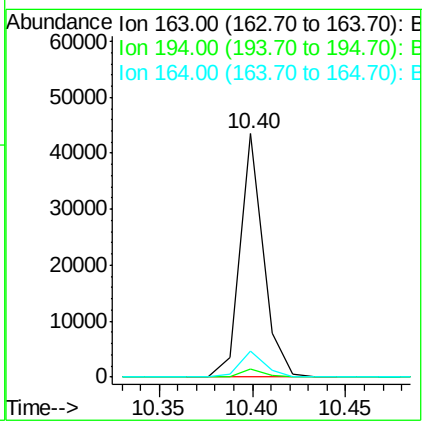


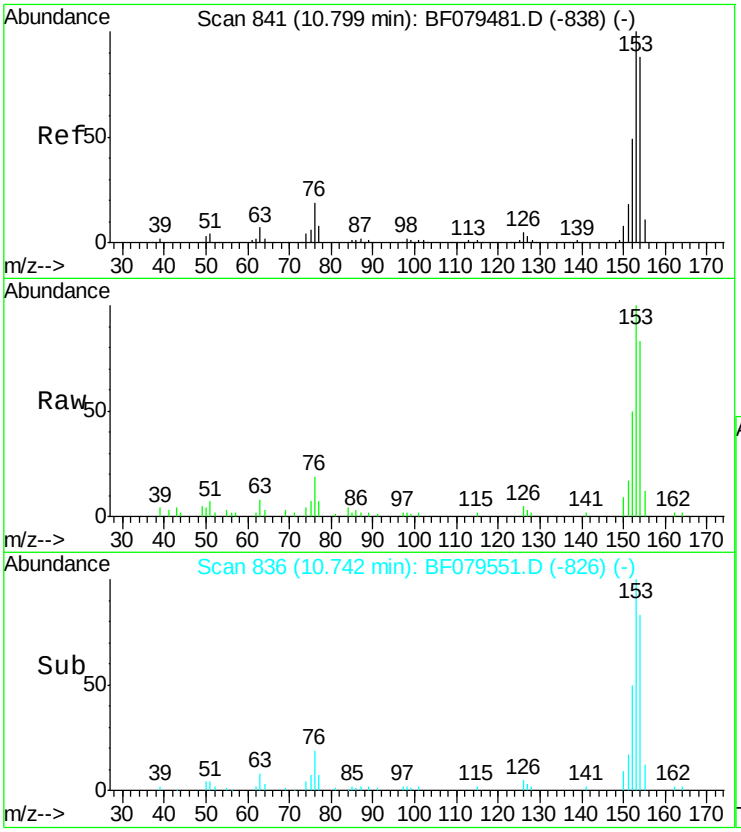


#49
Dimethylphthalate
Concen: 3.84 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:163 Resp: 37947

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.4	3.6
164	10.7	8.2	12.4



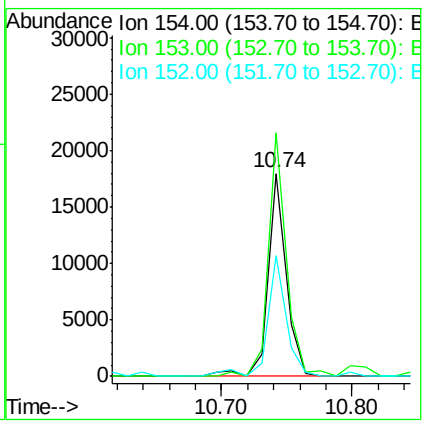


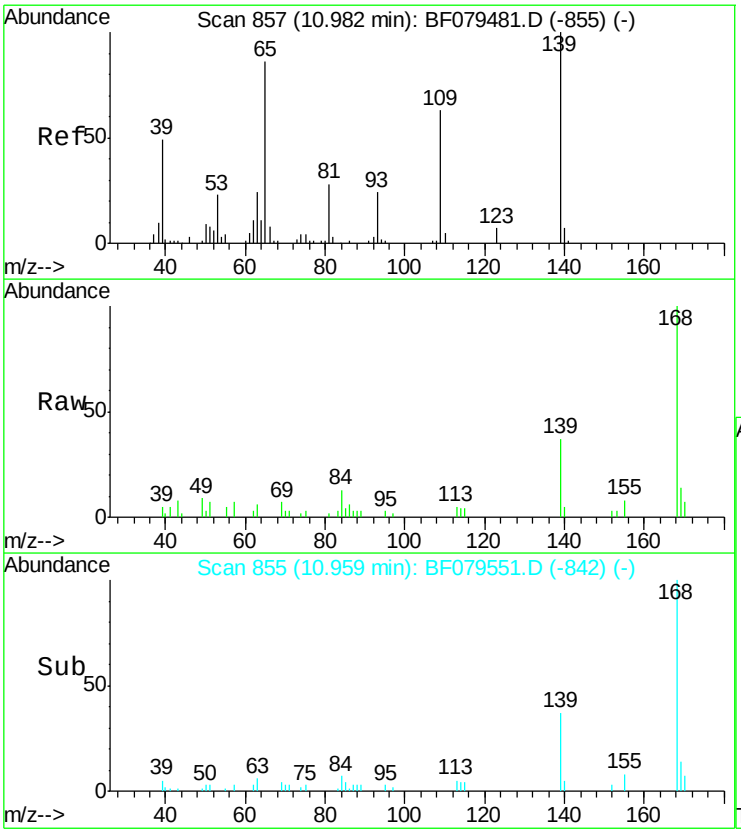
#51
Acenaphthene
Concen: 2.25 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:154 Resp: 17660

Ion	Ratio	Lower	Upper
154	100		
153	119.9	91.1	136.7
152	59.7	44.6	66.8

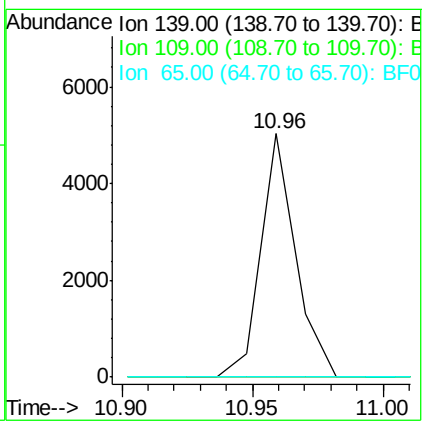


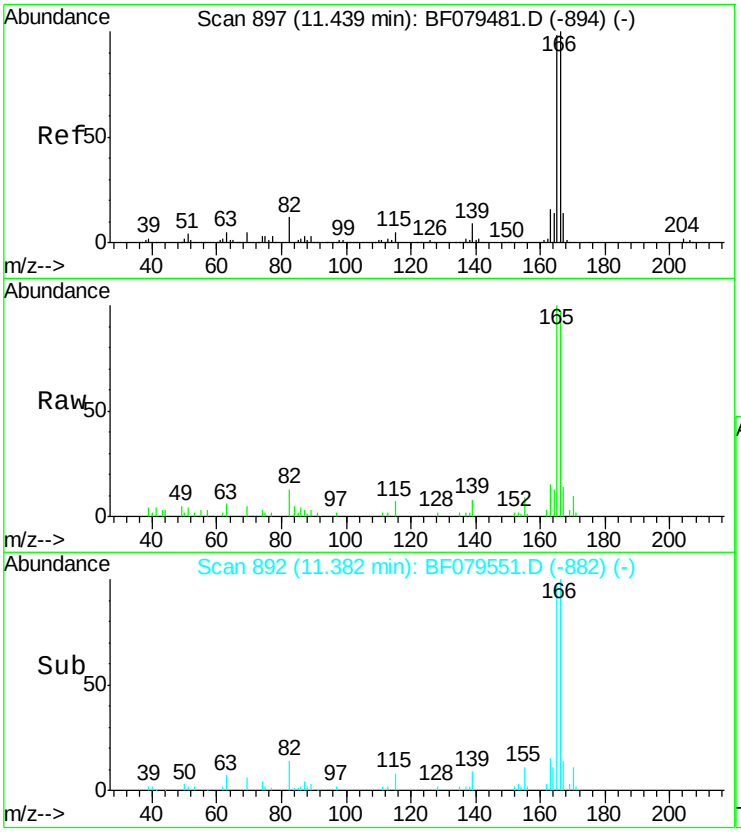


#55
4-Nitrophenol
Concen: 3.28 ng
RT: 10.96 min Scan# 855
Delta R.T. 0.03 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:139 Resp: 4671

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.3	106.3#



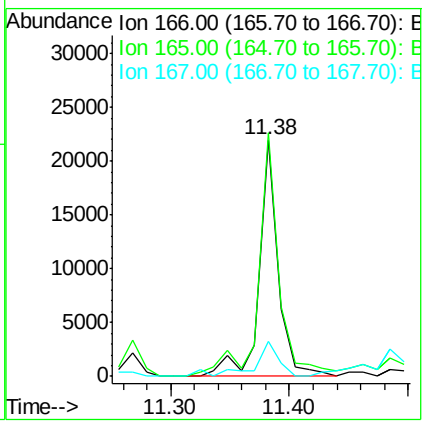


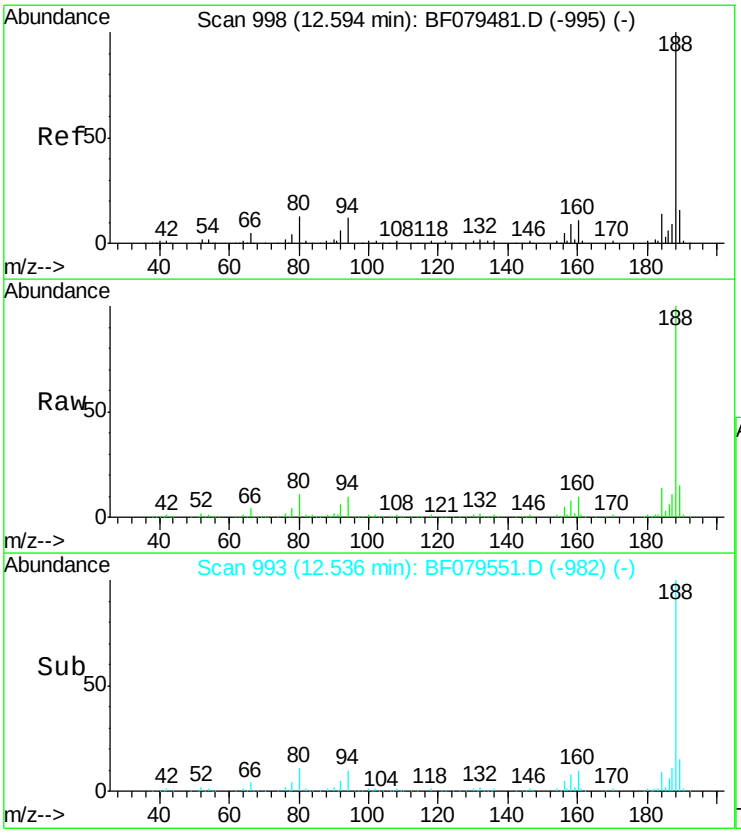
#57
Fluorene
Concen: 2.58 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:166 Resp: 24664

Ion	Ratio	Lower	Upper
166	100		
165	103.0	78.6	117.8
167	14.7	10.8	16.2

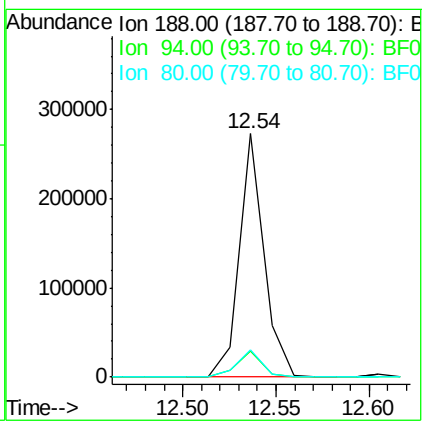


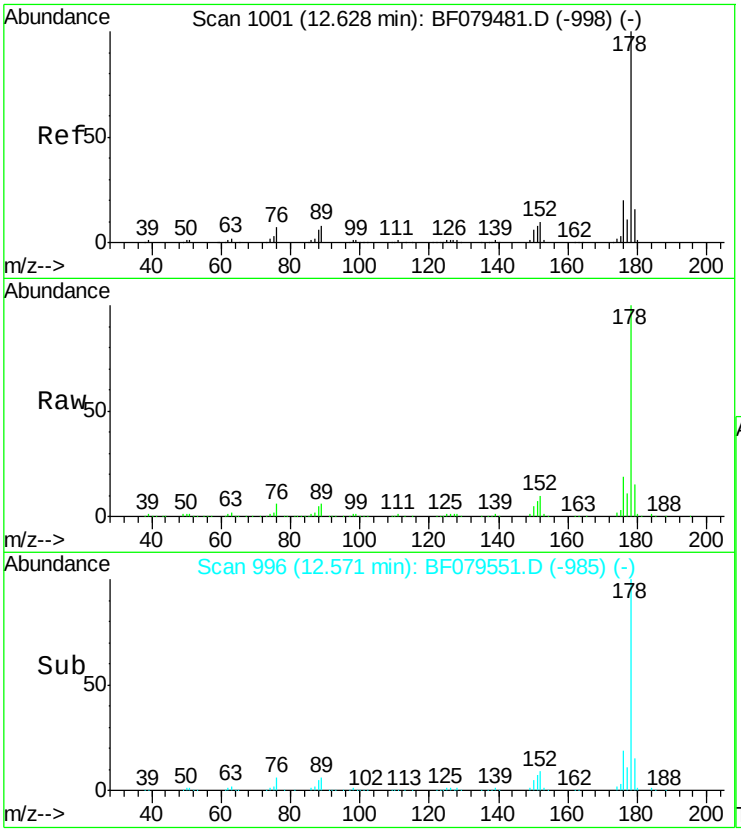


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:188 Resp: 251871

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.8	14.6
80	11.1	10.5	15.7



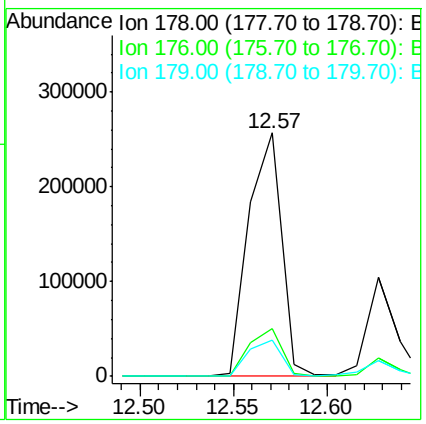


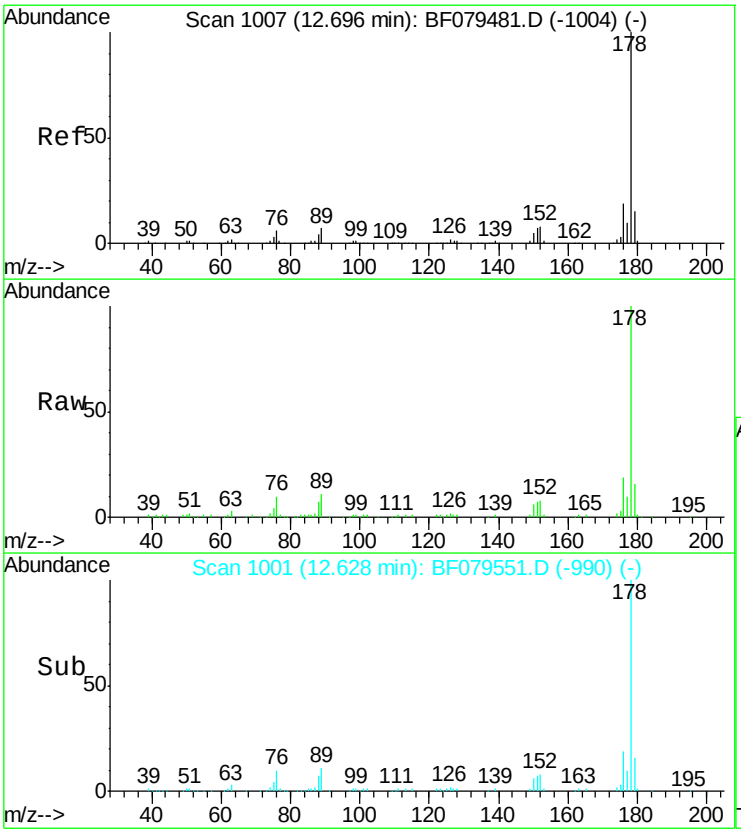
#70
Phenanthrene
Concen: 22.85 ng
RT: 12.57 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:178 Resp: 315803

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	14.9	12.4	18.6

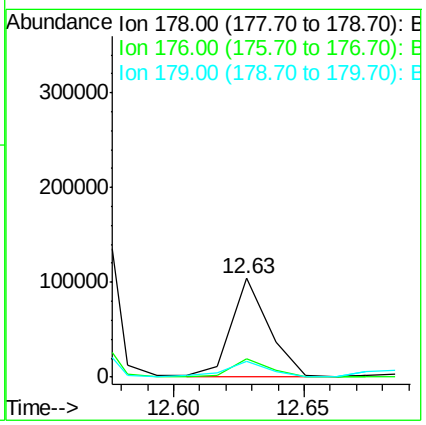


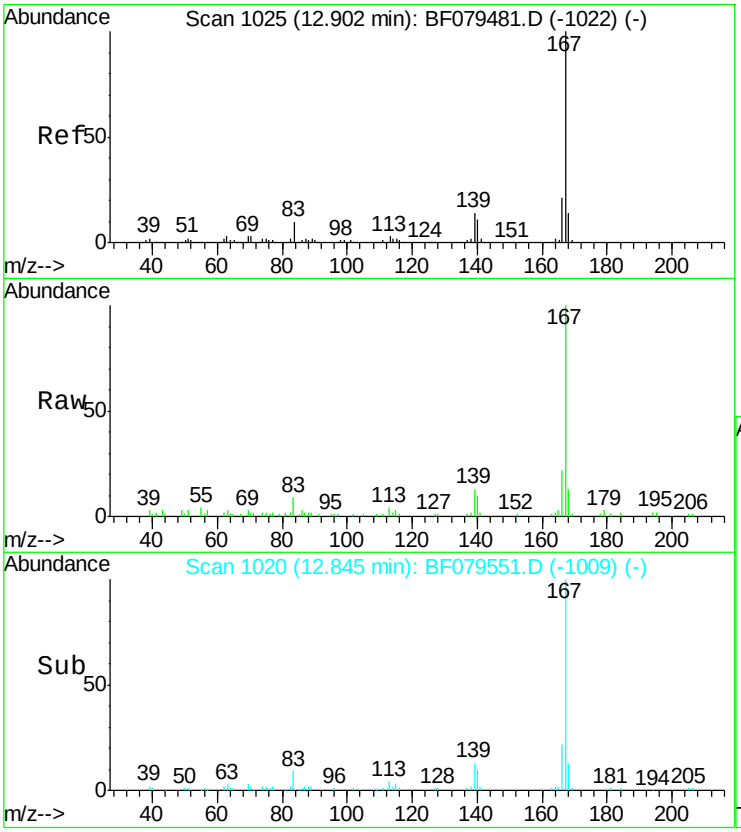


#71
Anthracene
Concen: 7.38 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:178 Resp: 103491

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.6	12.2	18.4



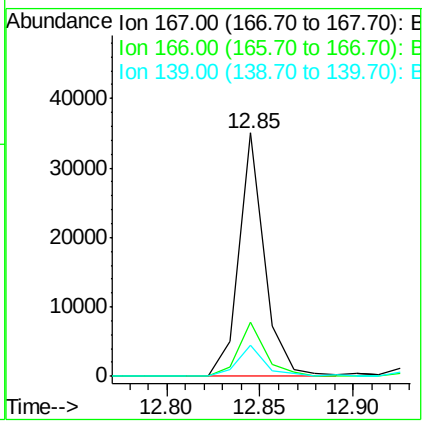


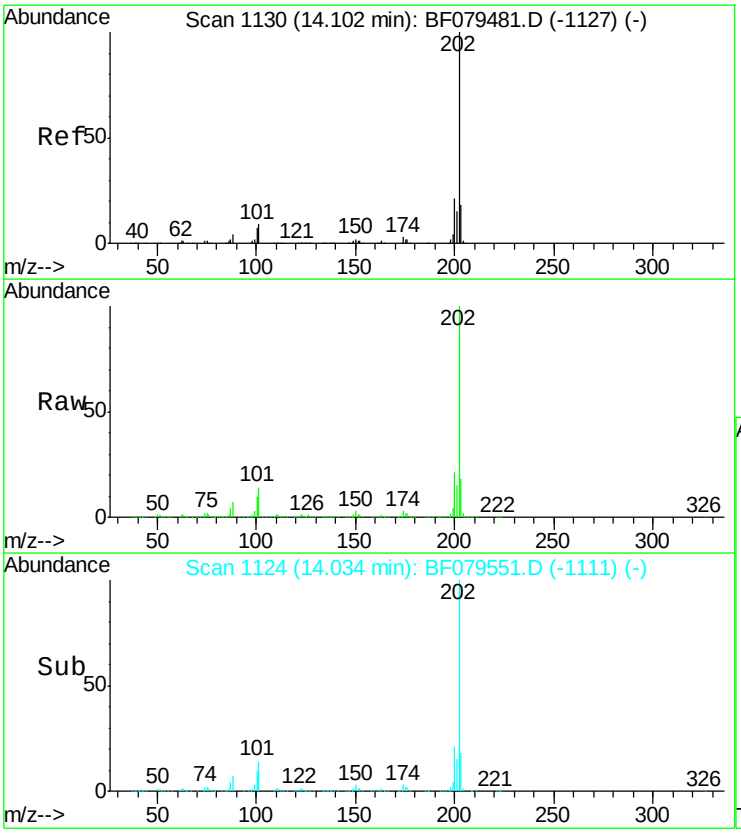
#72
Carbazole
Concen: 2.50 ng
RT: 12.85 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:167 Resp: 33818

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.0	25.4
139	13.0	11.2	16.8

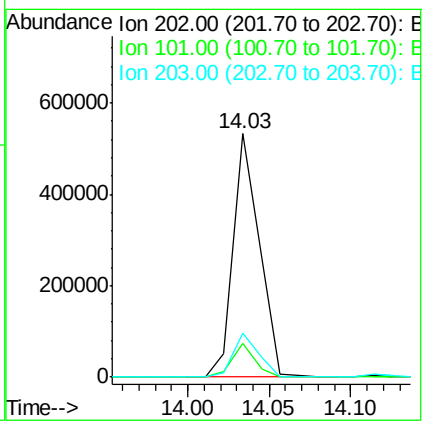


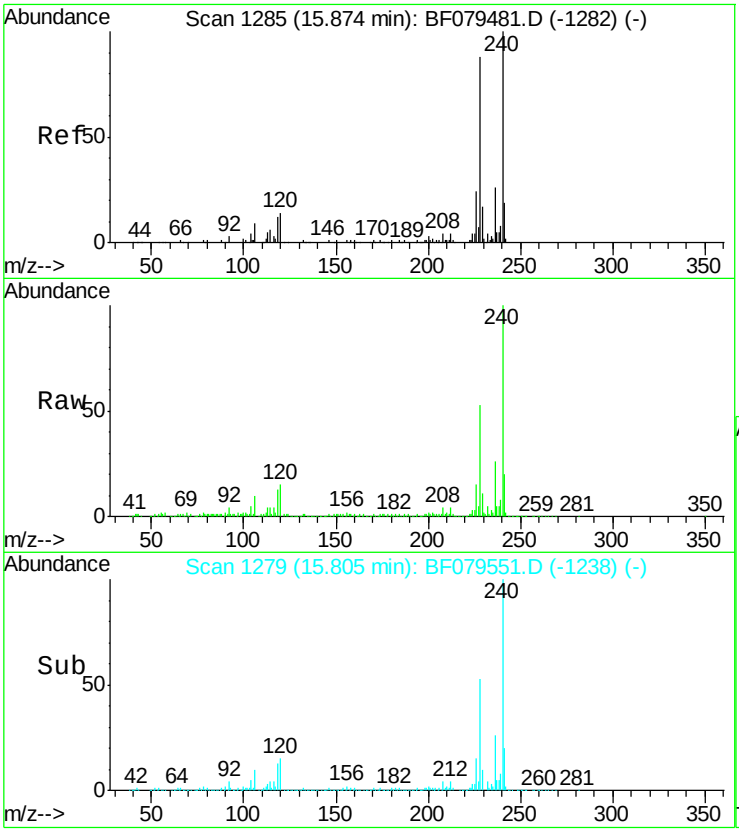


#74
Fluoranthene
Concen: 39.39 ng
RT: 14.03 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:202 Resp: 583628

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	29.3
203	18.0	0.0	37.6



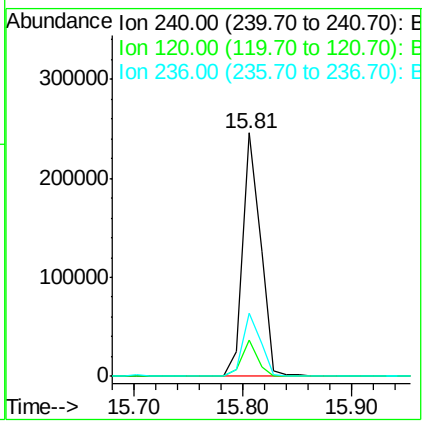


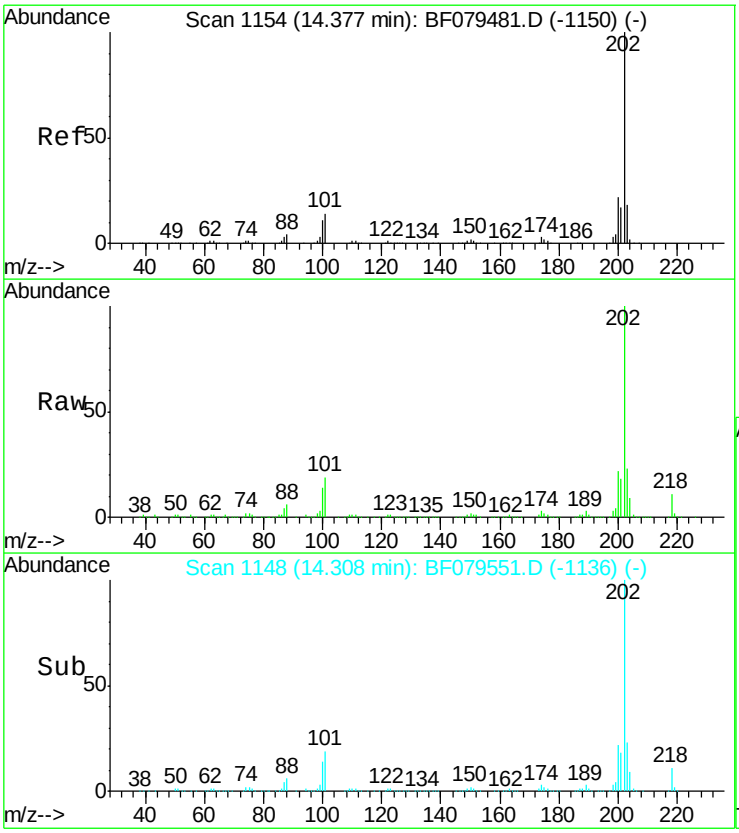
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:240 Resp: 279754

Ion	Ratio	Lower	Upper
240	100		
120	14.9	10.8	16.2
236	25.8	21.0	31.6

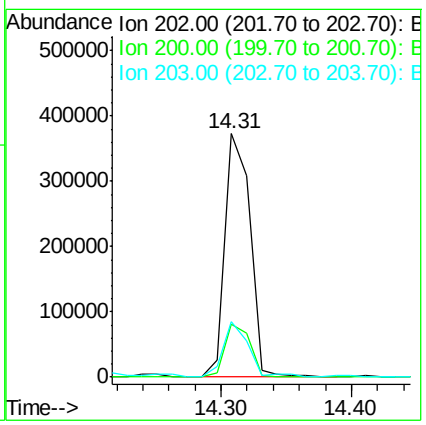


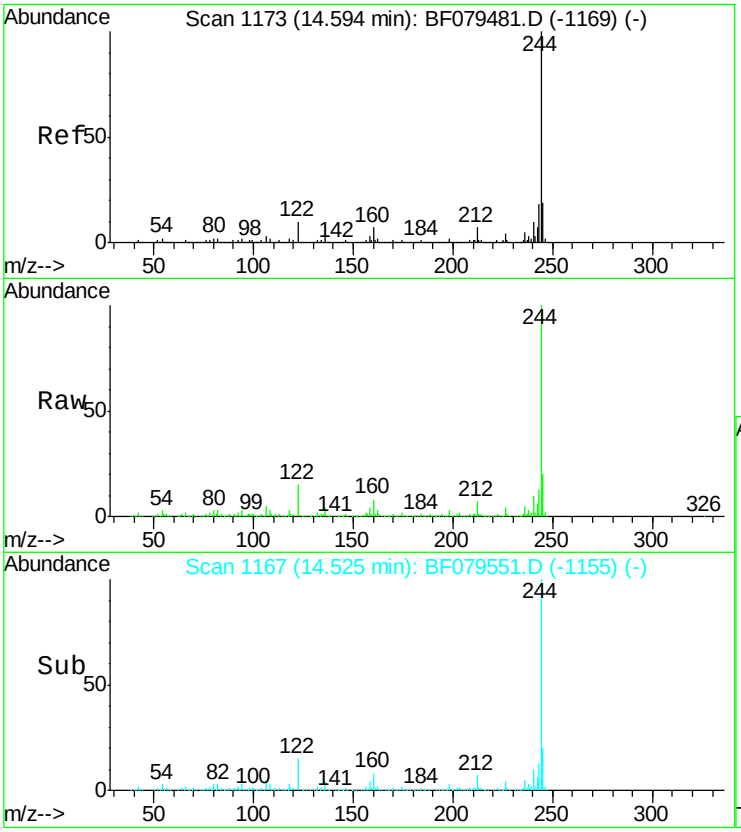


#77
Pyrene
Concen: 28.58 ng
RT: 14.31 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:202 Resp: 495294

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.5	26.3
203	23.0	14.4	21.6#



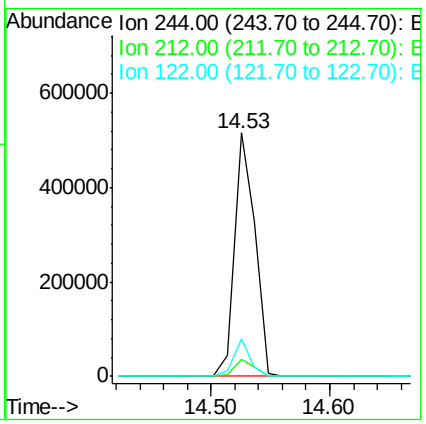


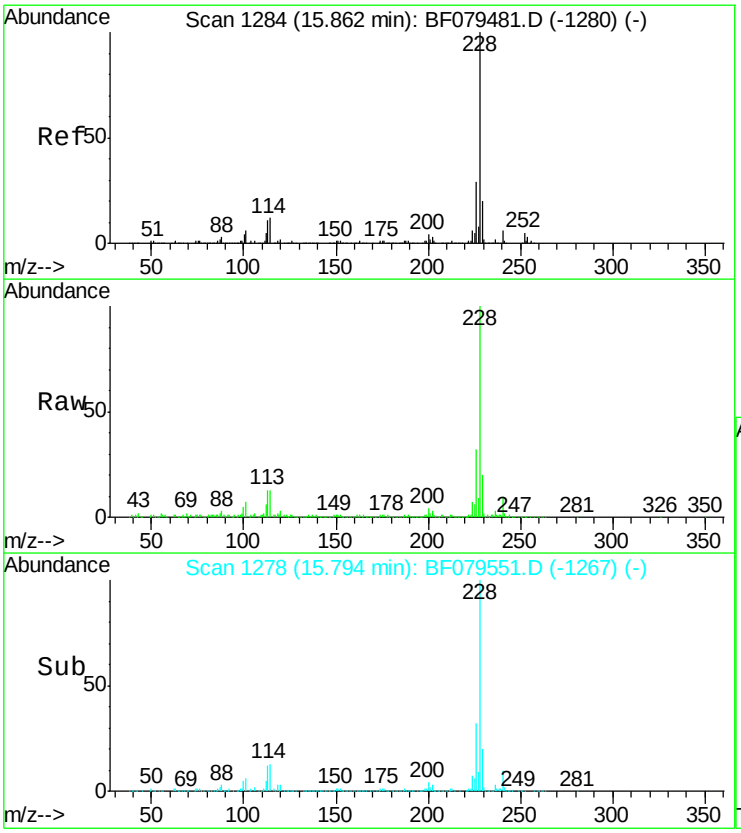
#78
Terphenyl-d14
Concen: 51.74 ng
RT: 14.53 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:244 Resp: 616785

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	15.2	8.0	12.0#

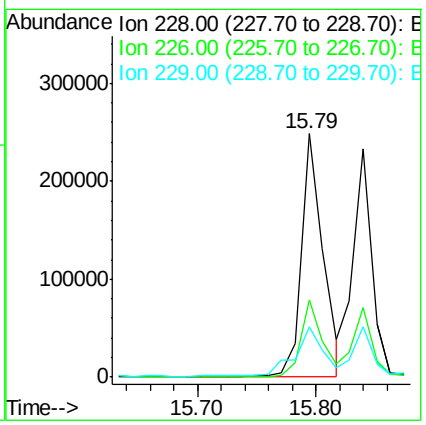


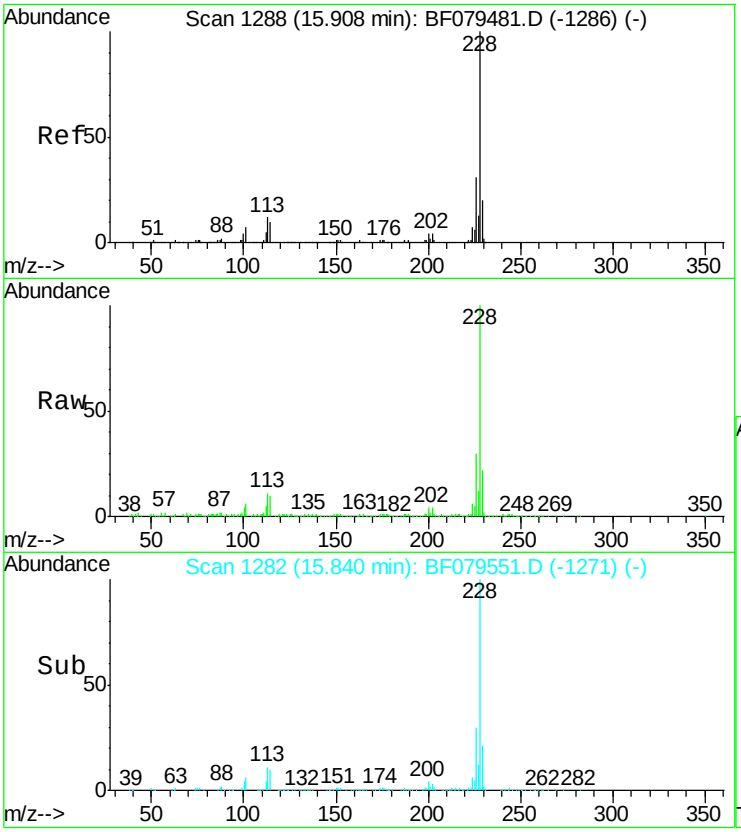


#80
Benzo(a)anthracene
Concen: 19.50 ng
RT: 15.79 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:228 Resp: 313742

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.8	34.2
229	20.4	15.9	23.9



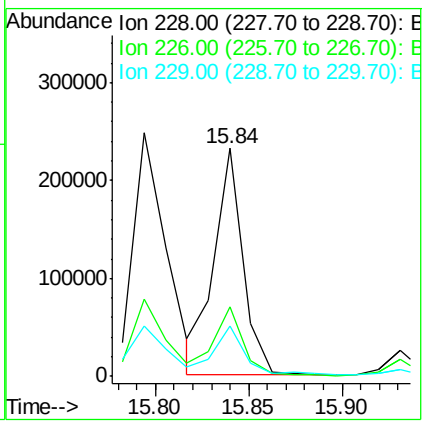


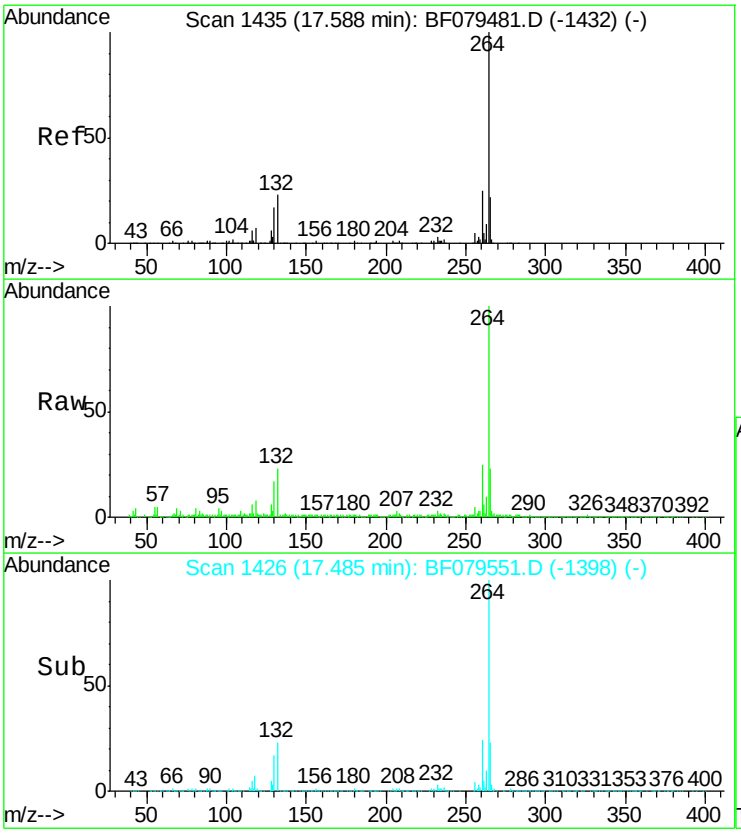
#82
Chrysene
Concen: 16.40 ng
RT: 15.84 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:228 Resp: 250858

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	22.0	15.9	23.9

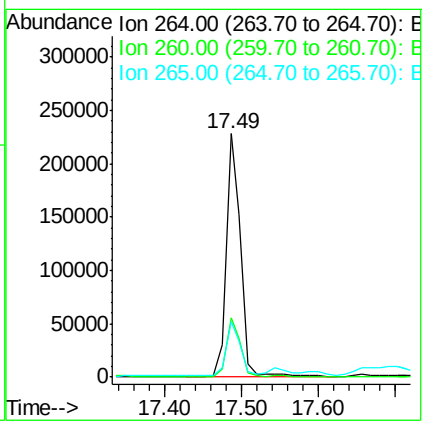


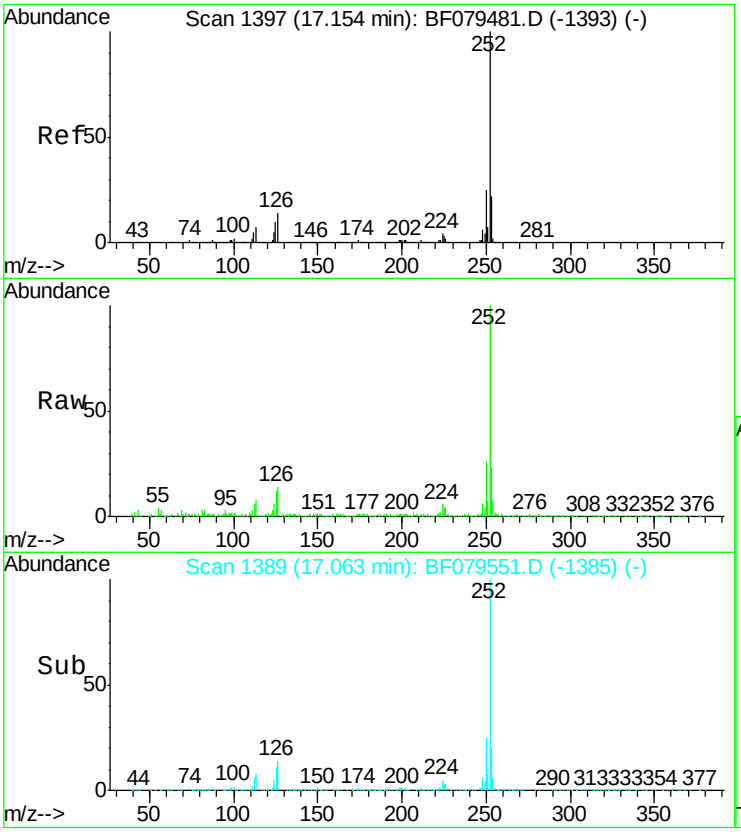


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.49 min Scan# 1426
Delta R.T. -0.18 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:264 Resp: 300189

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	23.0	17.8	26.6



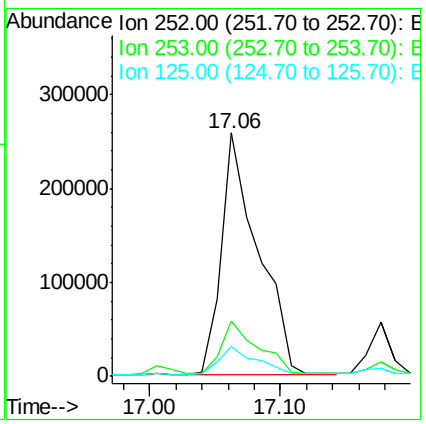


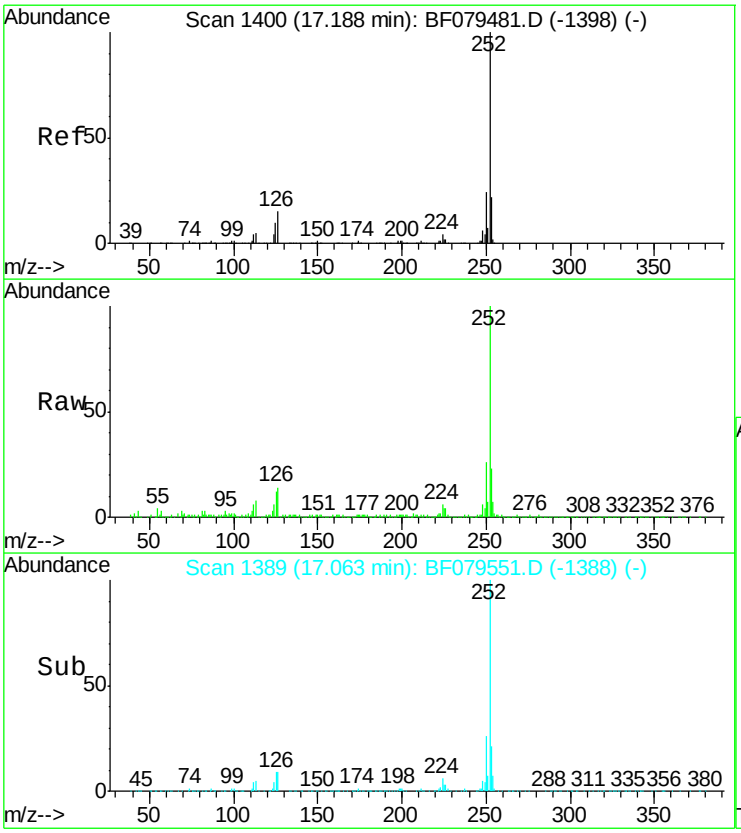
#87
Benzo(b)fluoranthene
Concen: 29.77 ng
RT: 17.06 min Scan# 1389
Delta R.T. -0.14 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:252 Resp: 509673

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	12.2	7.8	11.6#

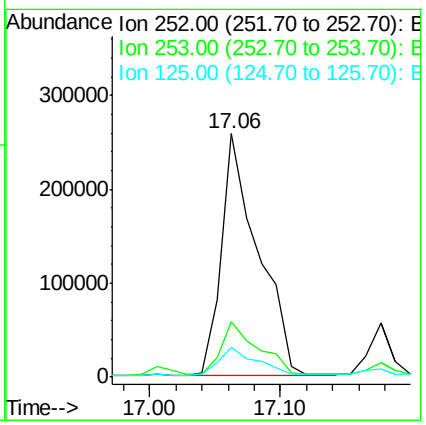


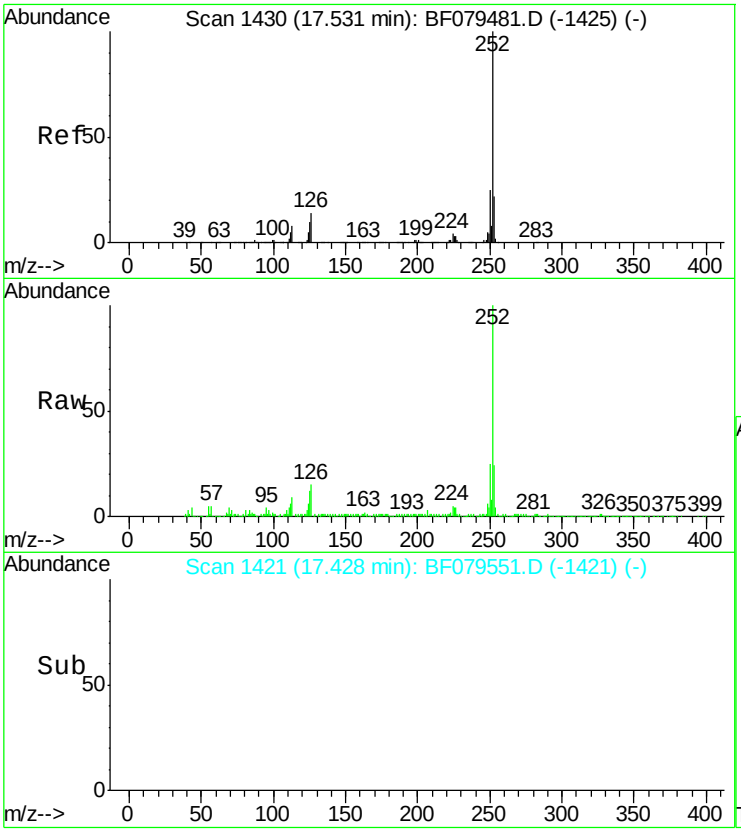


#88
Benzo(k)fluoranthene
Concen: 33.29 ng
RT: 17.06 min Scan# 1389
Delta R.T. -0.17 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:252 Resp: 509673

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	12.2	6.8	10.2#



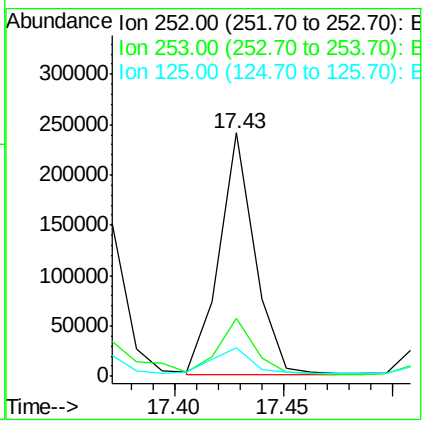


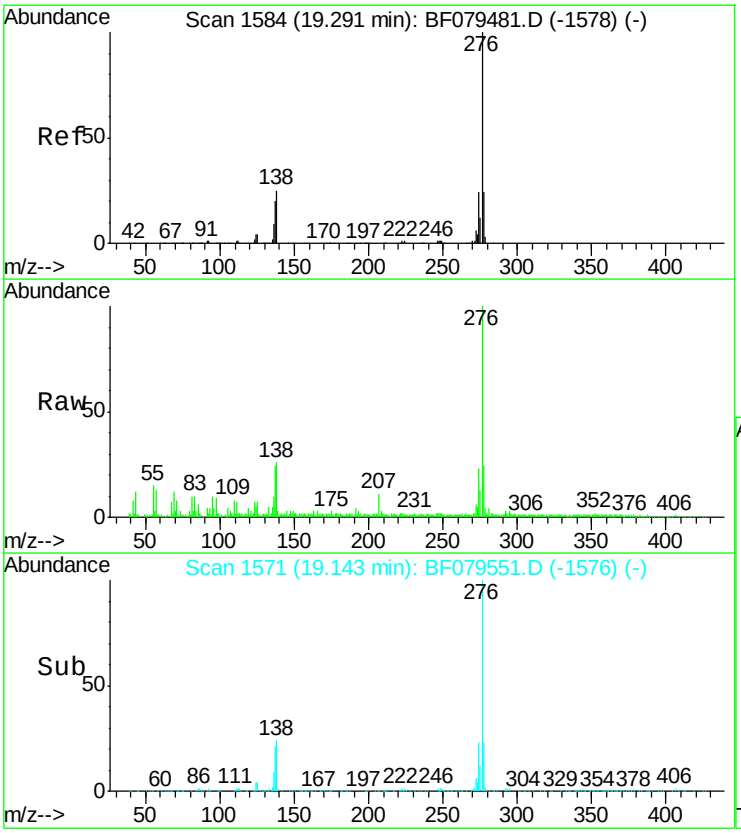
#89
Benzo(a)pyrene
Concen: 16.89 ng
RT: 17.43 min Scan# 1421
Delta R.T. -0.18 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Instrument :
BNA_G
ClientSampleId :
TP-9-SS

Tgt Ion:252 Resp: 271622

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	11.7	7.9	11.9





#91
Benzo(g,h,i)perylene
Concen: 8.35 ng
RT: 19.14 min Scan# 1571
Delta R.T. -0.26 min
Lab File: BF079551.D
Acq: 28 May 2015 18:32

Tgt Ion:276 Resp: 161909

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	25.9	20.1	30.1