Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079901.D
Acq On : 11 Jun 2015 18:04
Operator : TP/IZ
Sample : G2522-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Time: Jun 12 04:28:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 00:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	49056	20.00	ng		0.00
21) Naphthalene-d8	8.68	136	195250	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	95891	20.00	ng		0.00
63) Phenanthrene-d10	11.98	188	209679	20.00	ng		0.00
75) Chrysene-d12	15.10	240	227640	20.00	ng		0.10
86) Perylene-d12	17.07	264	212924	20.00	ng		0.15
System Monitoring Compounds							
5) 2-Fluorophenol	6.00	112	169757	57.98	ng		0.00
7) Phenol-d6	6.99	99	136289	35.58	ng		0.00
23) Nitrobenzene-d5	7.95	82	272375	82.98	ng		0.00
41) 2,4,6-Tribromophenol	11.26	330	133177	155.61	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	685165	100.70	ng		0.00
78) Terphenyl-d14	13.75	244	933108	93.14	ng		0.06
Target Compounds							Qvalue
6) Aniline	7.15	93	276	0.05	ng	#	1
10) Phenol	7.15	94	693	0.17	ng	#	1
11) bis(2-Chloroethyl)ether	7.15	93	276	0.08	ng	#	1
15) Benzyl Alcohol	7.55	79	5498	1.80	ng	#	39
24) Nitrobenzene	7.95	77	848	0.25	ng	#	46
31) Naphthalene	8.71	128	323	0.03	ng	#	69
45) 1,1'-Biphenyl	9.76	154	1051	0.13	ng	#	1
51) Acenaphthene	10.46	154	248	0.04	ng	#	4
59) Diethylphthalate	10.86	149	1163	0.16	ng	#	60
62) Azobenzene	11.26	77	846	0.12	ng	#	13
65) n-Nitrosodiphenylamine	11.26	169	4390	0.63	ng	#	39
70) Phenanthrene	12.01	178	448	0.04	ng	#	60
71) Anthracene	12.06	178	243	0.02	ng	#	60
73) Di-n-butylphthalate	12.56	149	1310	0.11	ng	#	79
74) Fluoranthene	13.31	202	349	0.03	ng		64
77) Pyrene	13.59	202	425	0.03	ng	#	57
80) Benzo(a)anthracene	15.09	228	1531	0.11	ng	#	73
82) Chrysene	15.13	228	1461	0.12	ng	#	49
83) Bis(2-ethylhexyl)phthalate	15.06	149	649	0.09	ng	#	52
85) Indeno(1,2,3-cd)pyrene	18.99	276	10396	0.77	ng	#	66
87) Benzo(b)fluoranthene	16.54	252	6025	0.48	ng	#	92
88) Benzo(k)fluoranthene	16.54	252	6025	0.46	ng	#	90
89) Benzo(a)pyrene	16.98	252	3182	0.27	ng	#	82
90) Dibenzo(a,h)anthracene	19.03	278	8511	0.77	ng	#	81
91) Benzo(g,h,i)perylene	19.57	276	9554	0.82	ng		95

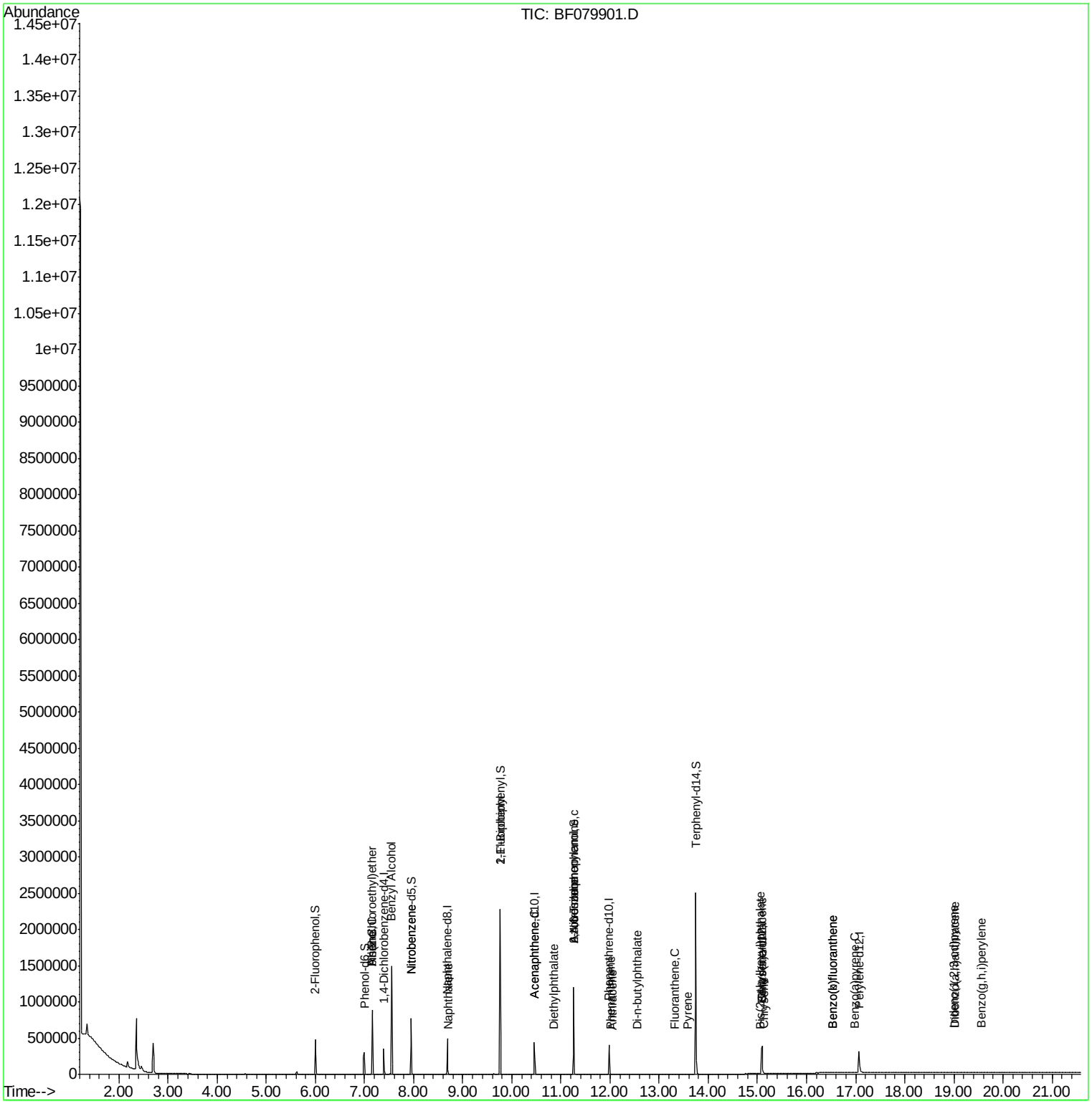
(#) = qualifier out of range (m) = manual integration (+) = signals summed

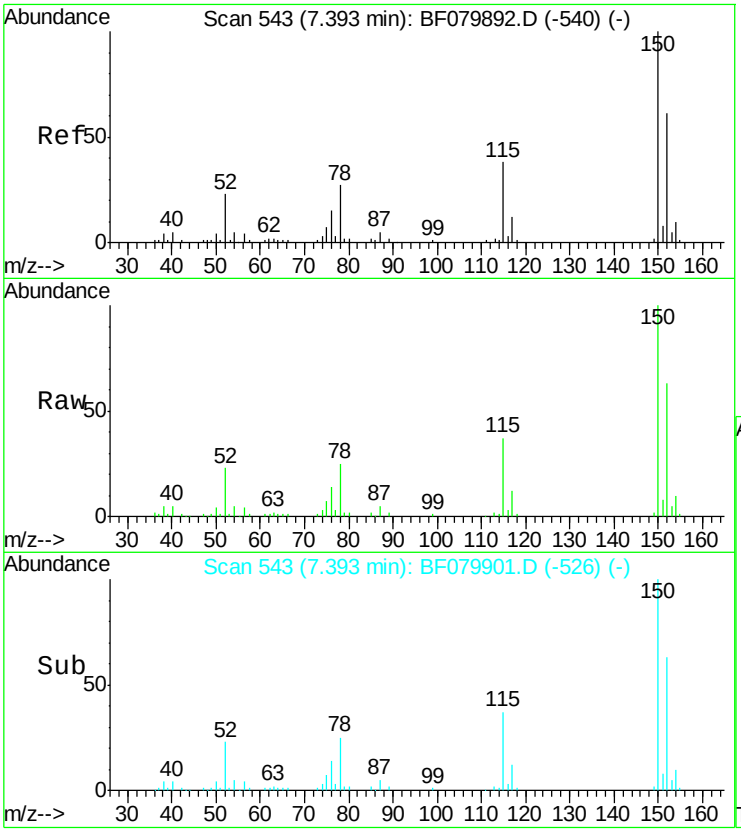
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079901.D
Acq On : 11 Jun 2015 18:04
Operator : TP/IZ
Sample : G2522-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17

Quant Time: Jun 12 04:28:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 00:59:58 2015
Response via : Initial Calibration



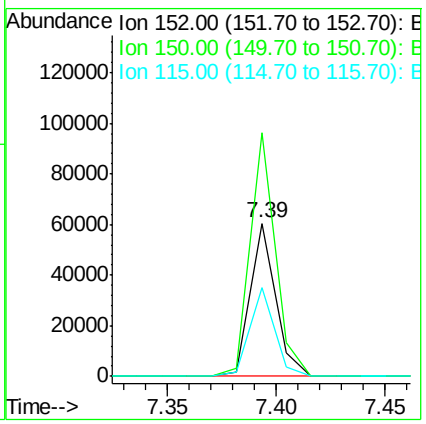


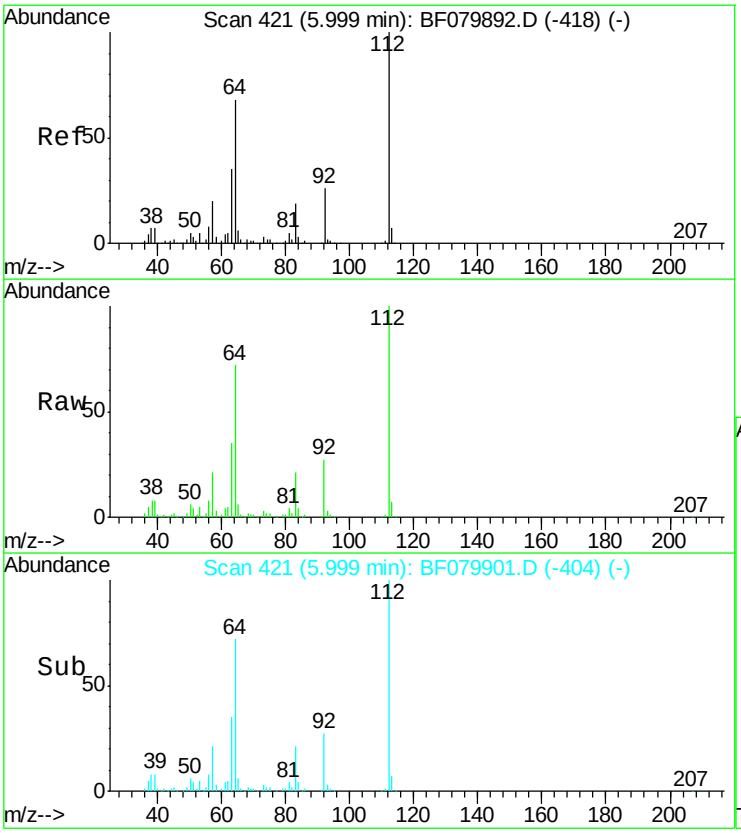
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:152 Resp: 49056

Ion	Ratio	Lower	Upper
152	100		
150	158.9	131.0	196.4
115	58.1	49.8	74.6

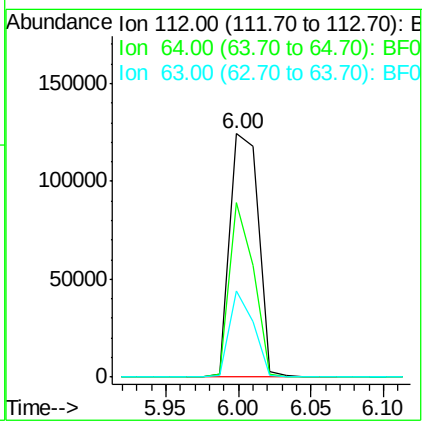


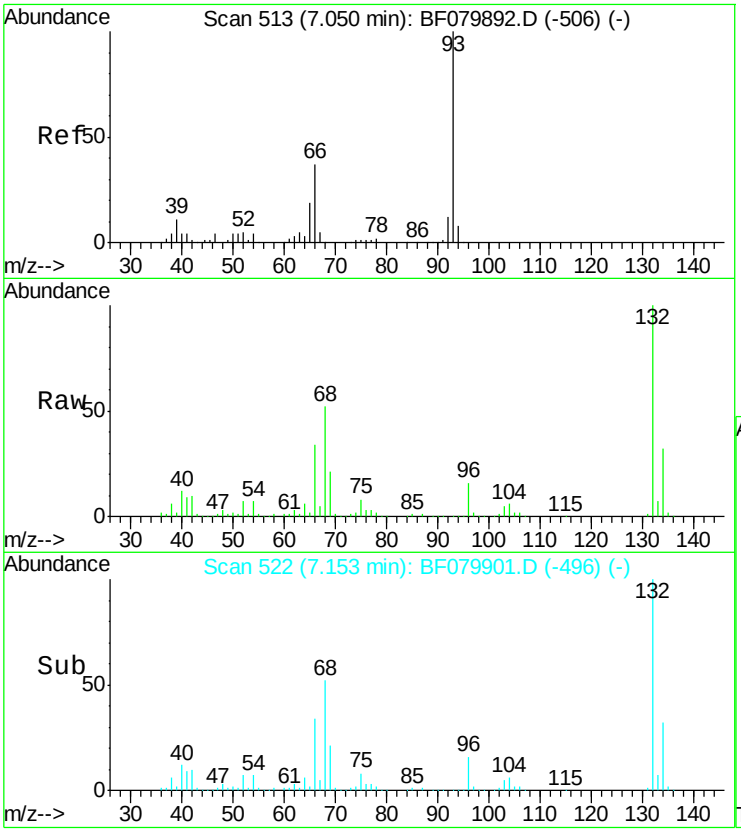


#5
2-Fluorophenol
Concen: 57.98 ng
RT: 6.00 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:112 Resp: 169757

Ion	Ratio	Lower	Upper
112	100		
64	71.6	54.5	81.7
63	35.5	27.9	41.9



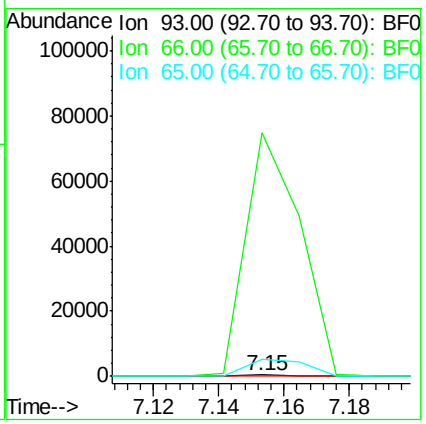


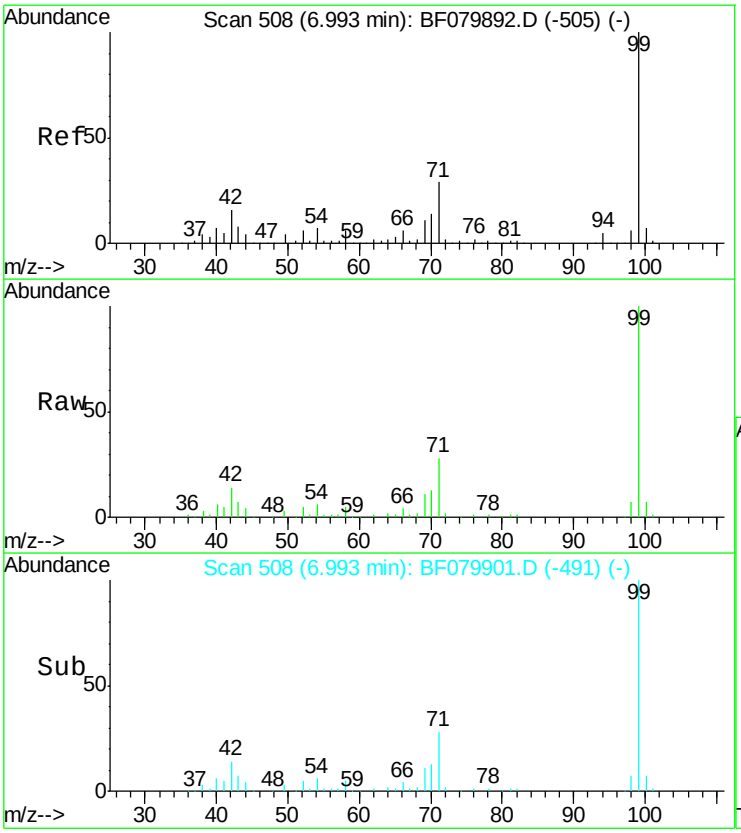
#6
Aniline
Concen: 0.05 ng
RT: 7.15 min Scan# 522
Delta R.T. 0.10 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 93 Resp: 276

Ion	Ratio	Lower	Upper
93	100		
66	18605.0	29.4	44.0#
65	1336.3	14.9	22.3#

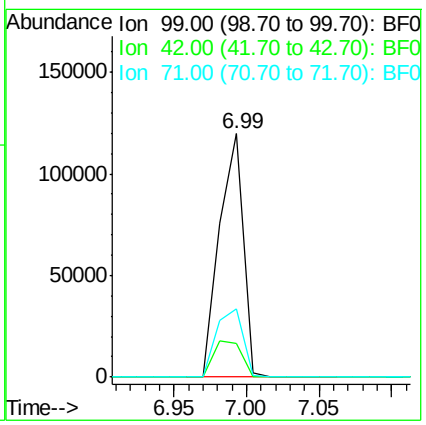


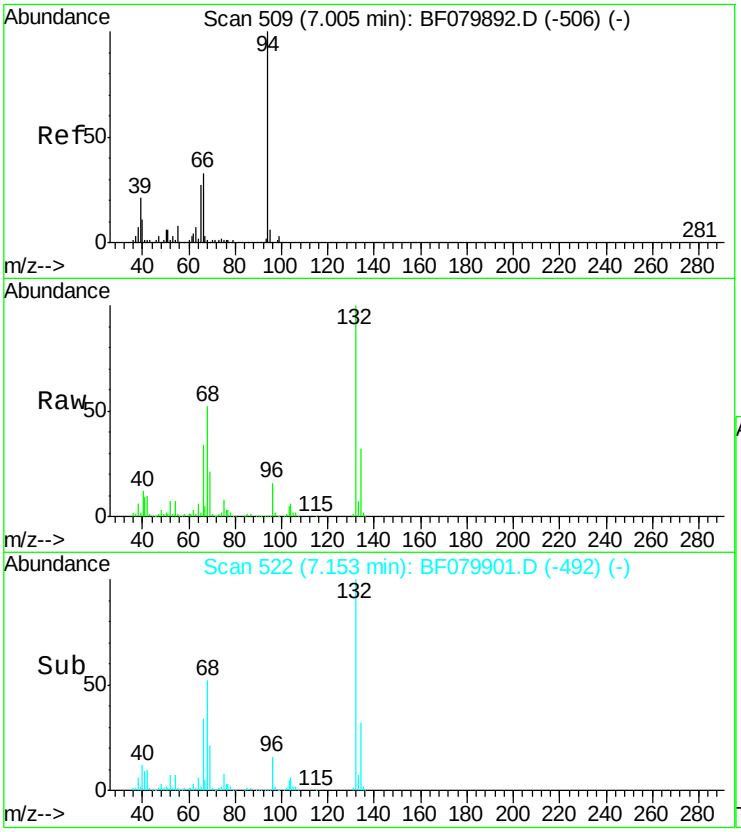


#7
Phenol-d6
Concen: 35.58 ng
RT: 6.99 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion: 99 Resp: 136289

Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.9	19.3
71	28.2	23.4	35.2



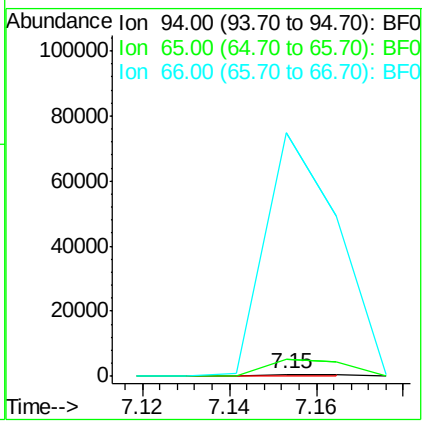


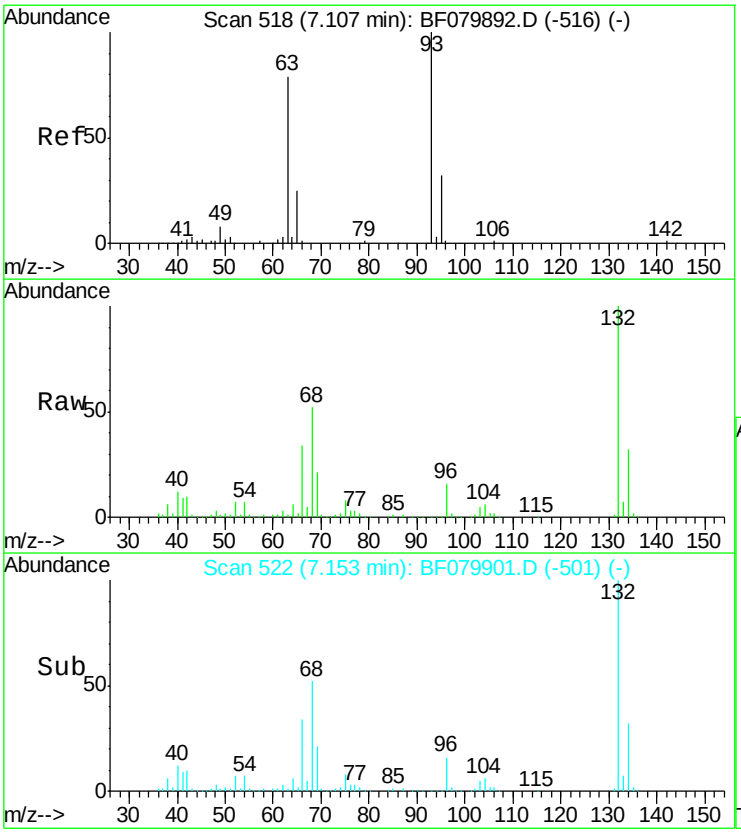
#10
Phenol
Concen: 0.17 ng
RT: 7.15 min Scan# 522
Delta R.T. 0.15 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 94 Resp: 693

Ion	Ratio	Lower	Upper
94	100		
65	927.8	7.0	47.0#
66	12917.4	13.3	53.3#

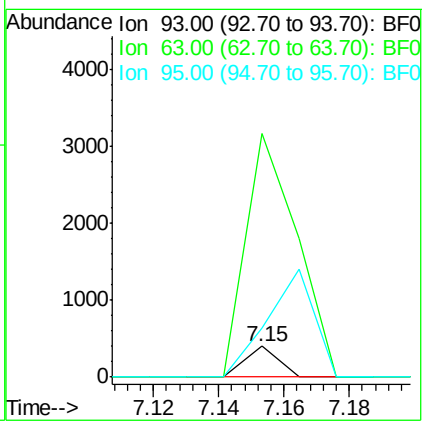


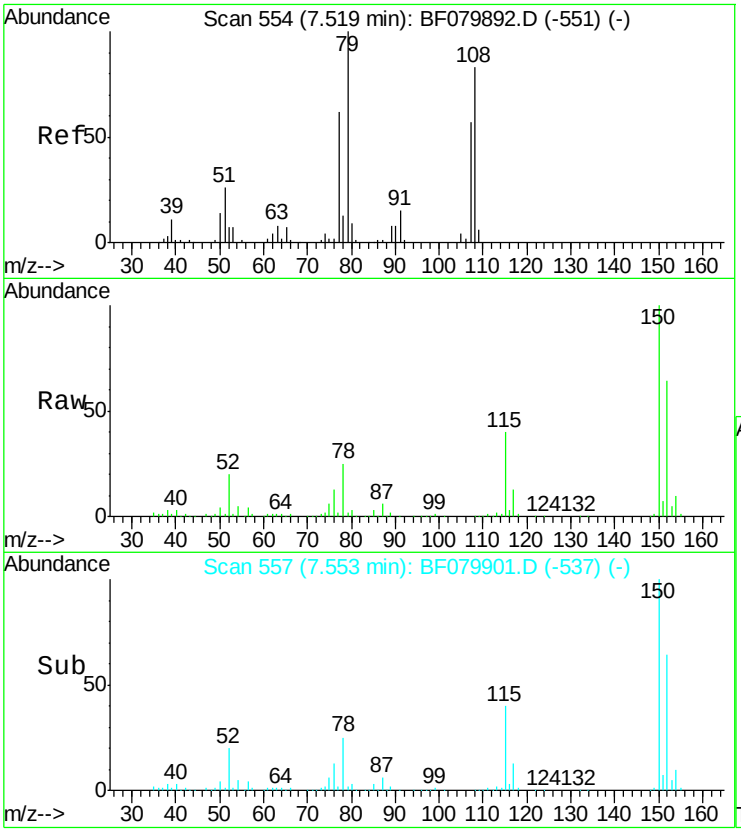


#11
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.15 min Scan# 522
Delta R.T. 0.05 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion: 93 Resp: 276

Ion	Ratio	Lower	Upper
93	100		
63	786.8	58.7	98.7#
95	160.2	11.5	51.5#



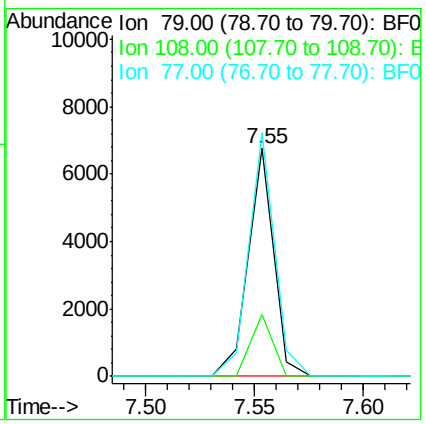


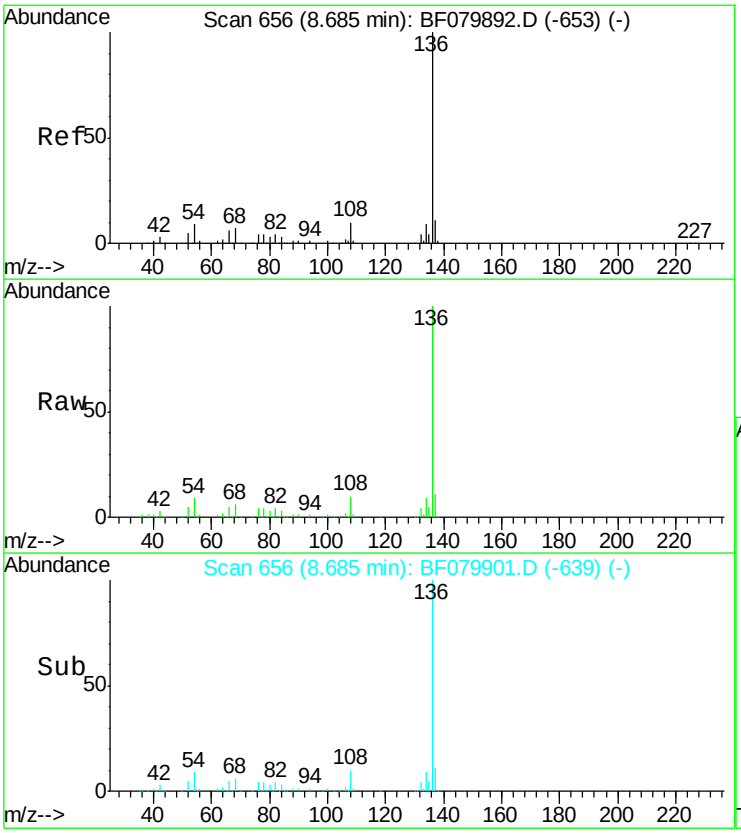
#15
Benzyl Alcohol
Concen: 1.80 ng
RT: 7.55 min Scan# 557
Delta R.T. 0.03 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 79 Resp: 5498

Ion	Ratio	Lower	Upper
79	100		
108	27.0	66.4	99.6#
77	106.7	49.4	74.0#

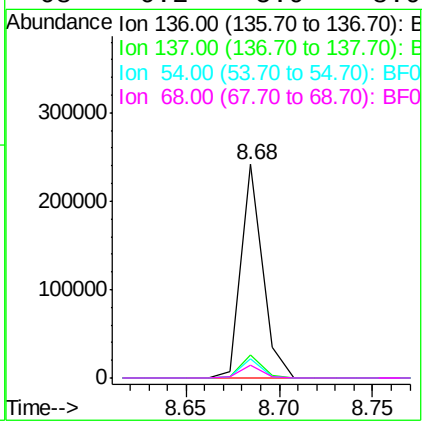


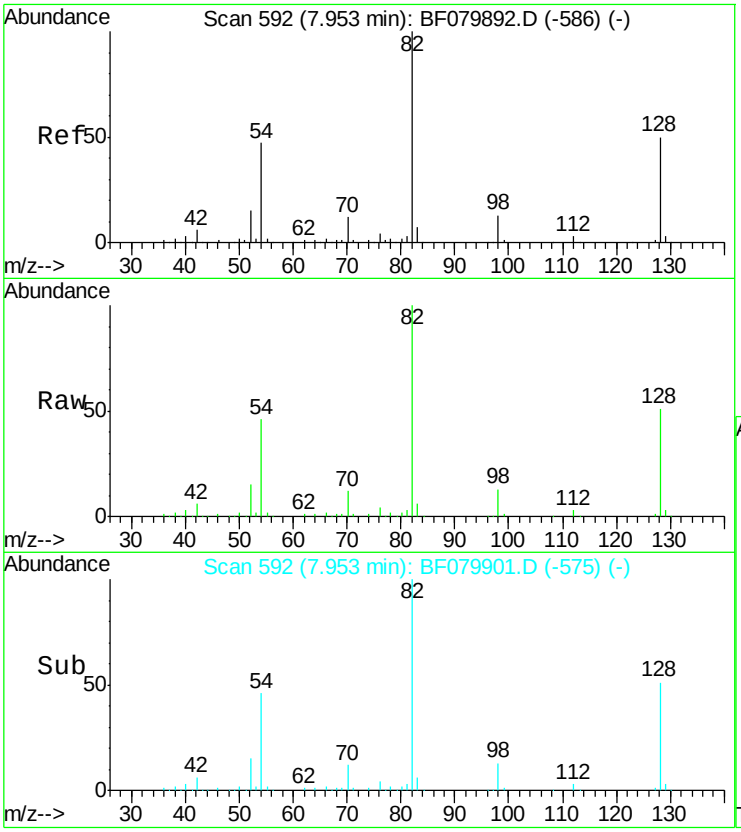


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.68 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:136 Resp: 195250

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.9	7.3	10.9
68	6.2	5.9	8.9



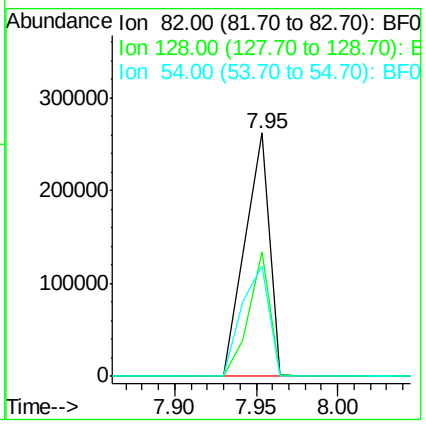


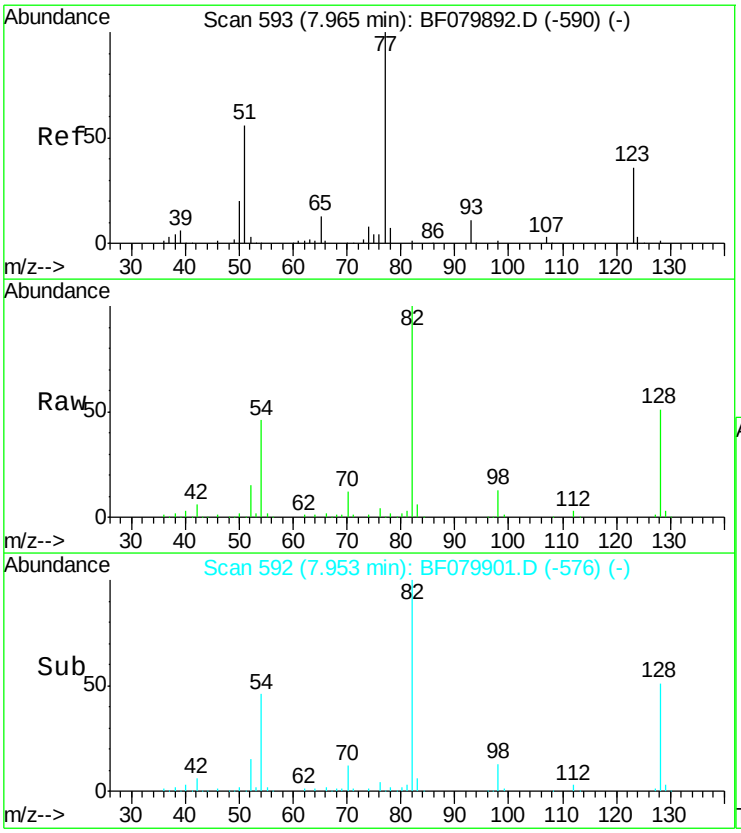
#23
Nitrobenzene-d5
Concen: 82.98 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 82 Resp: 272375

Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.3	60.5
54	45.6	38.0	57.0

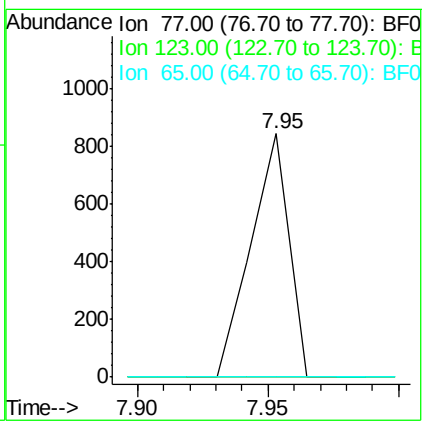


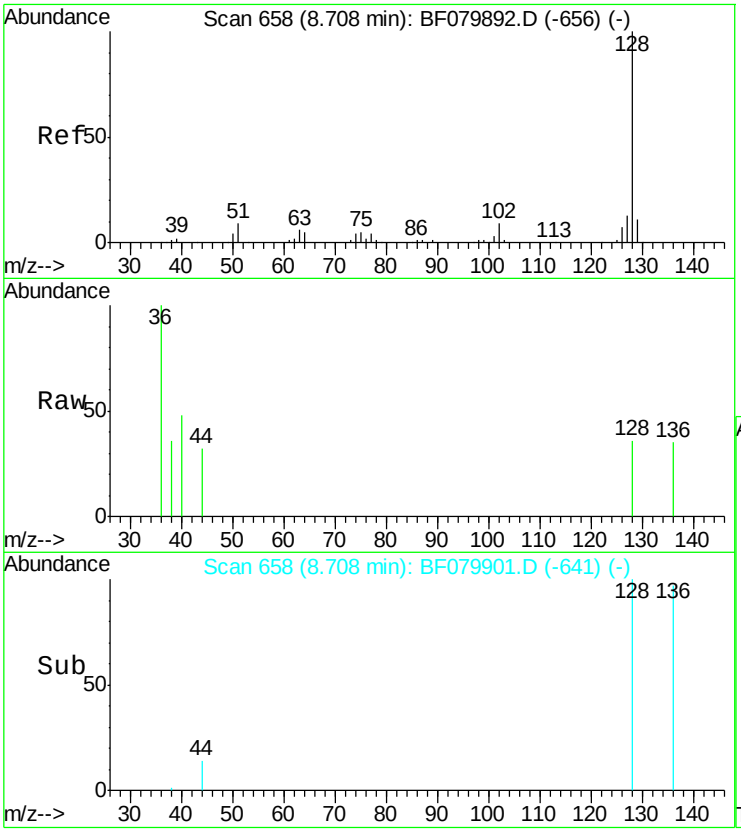


#24
Nitrobenzene
Concen: 0.25 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion: 77 Resp: 848

Ion	Ratio	Lower	Upper
77	100		
123	0.0	28.8	43.2#
65	0.0	10.3	15.5#



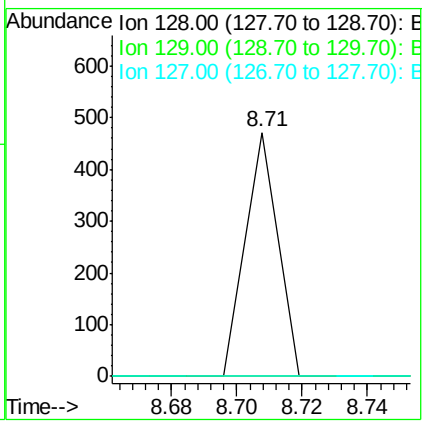


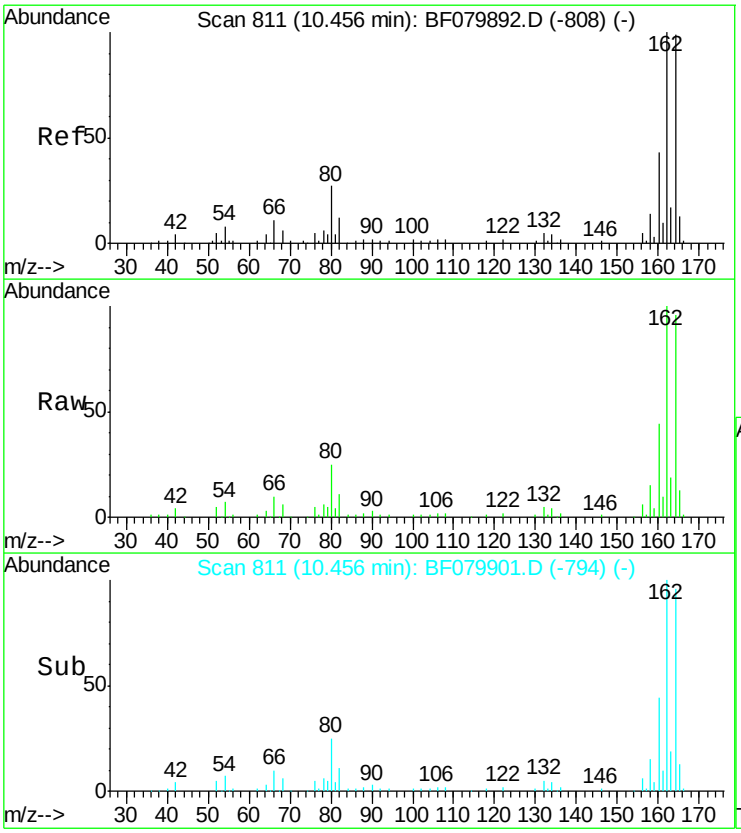
#31
Naphthalene
Concen: 0.03 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:128 Resp: 323

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.5	15.7#

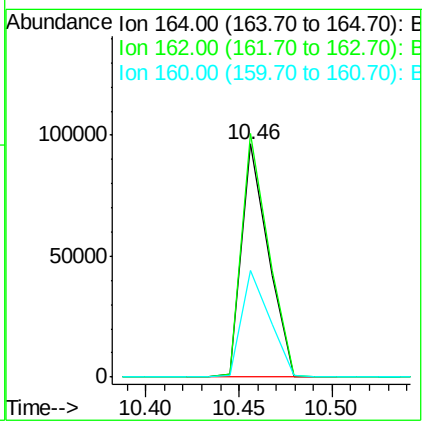


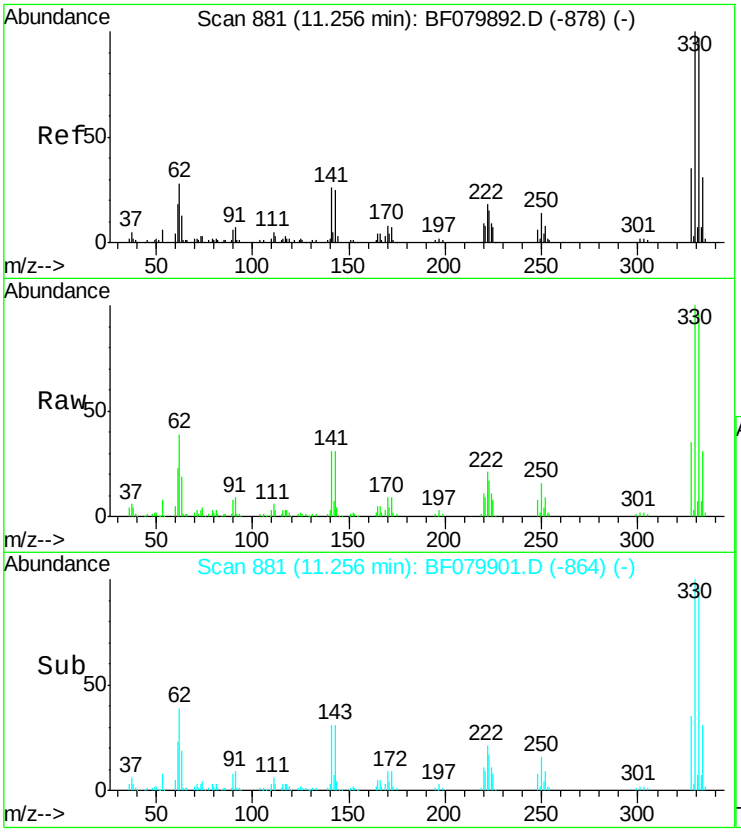


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:164 Resp: 95891

Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.7	121.1
160	46.1	34.6	51.8



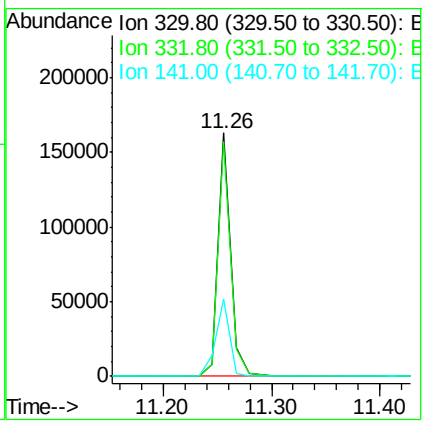


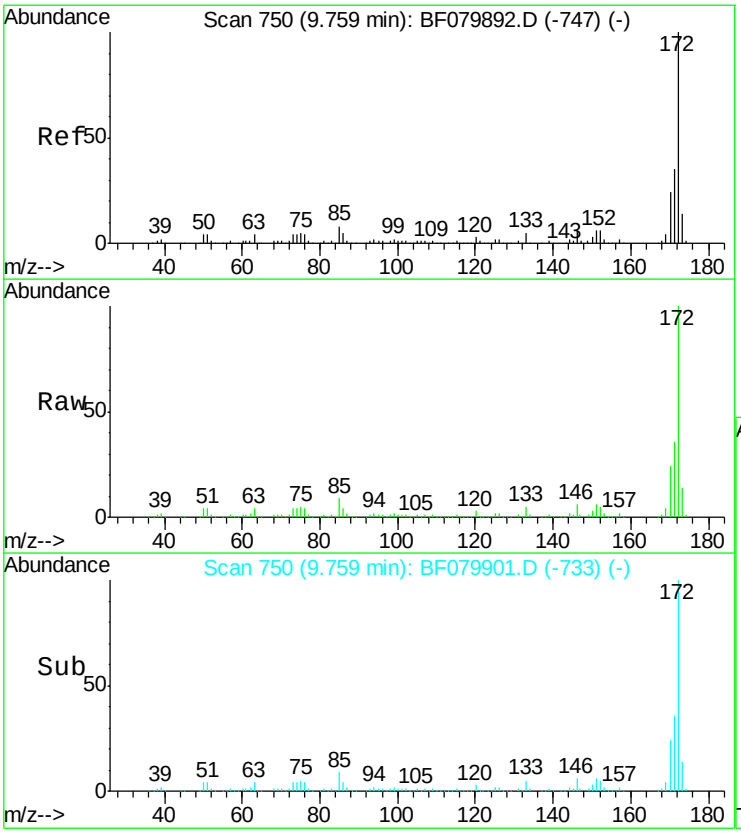
#41
2,4,6-Tribromophenol
Concen: 155.61 ng
RT: 11.26 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:330 Resp: 133177

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	34.9	26.8	40.2

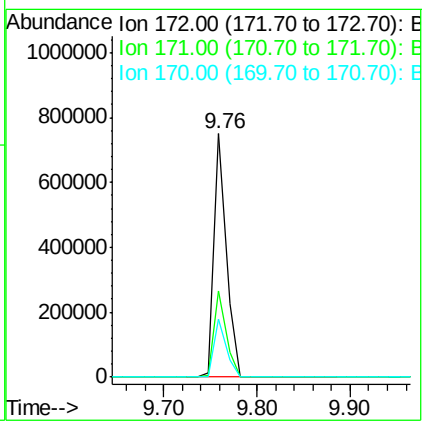


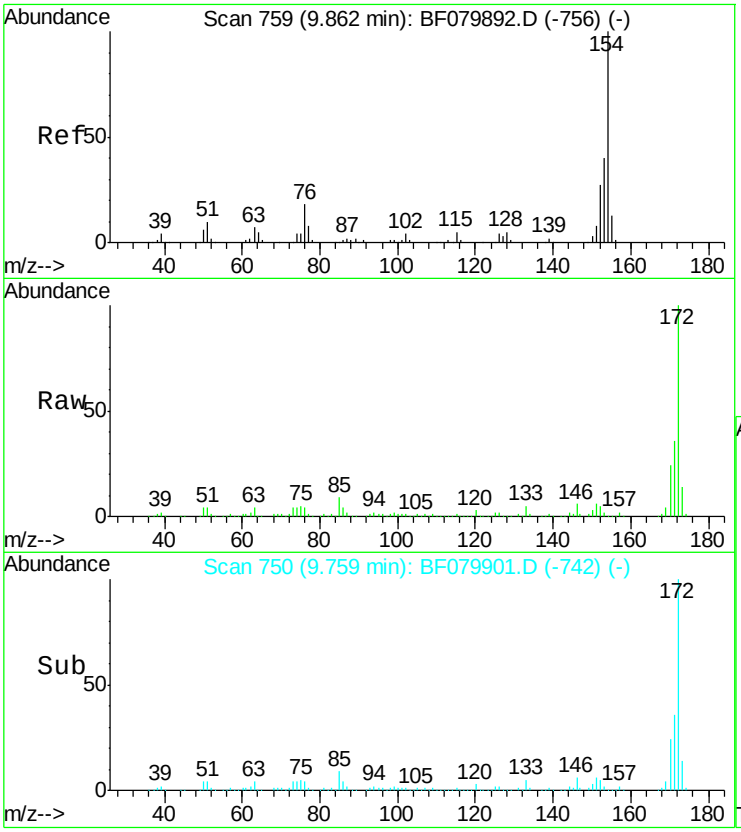


#44
2-Fluorobiphenyl
Concen: 100.70 ng
RT: 9.76 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:172 Resp: 685165

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.9	19.0	28.4



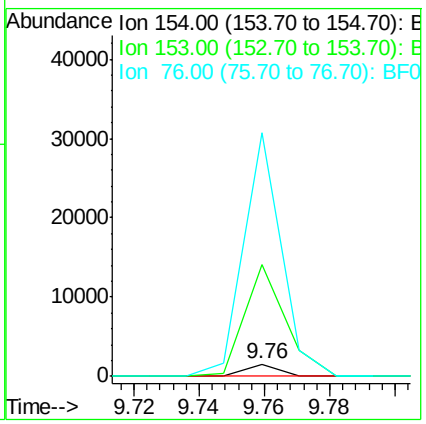


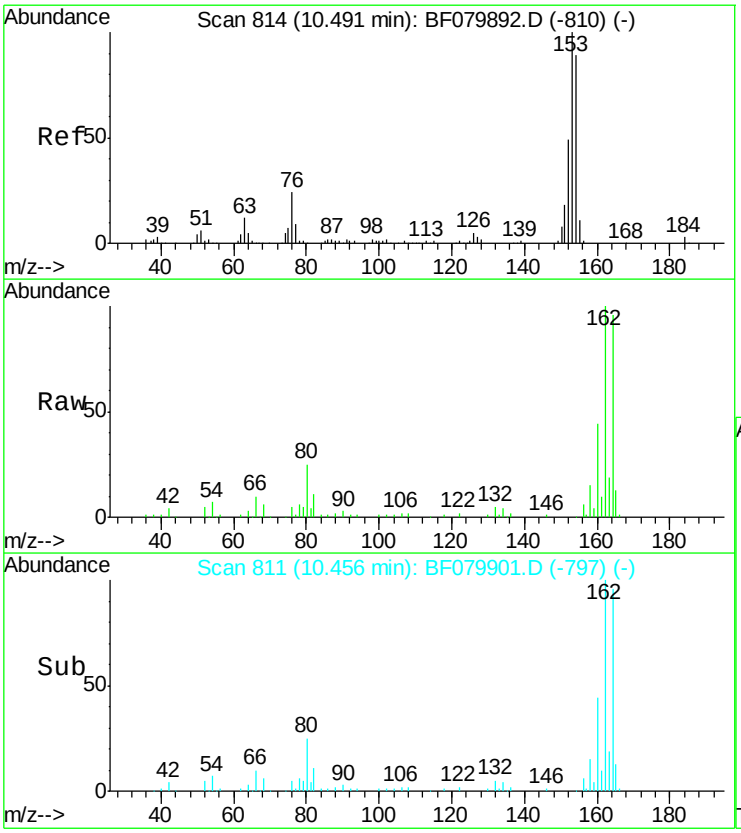
#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 9.76 min Scan# 750
Delta R.T. -0.10 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:154 Resp: 1051

Ion	Ratio	Lower	Upper
154	100		
153	918.4	20.1	60.1#
76	2004.7	0.0	38.4#

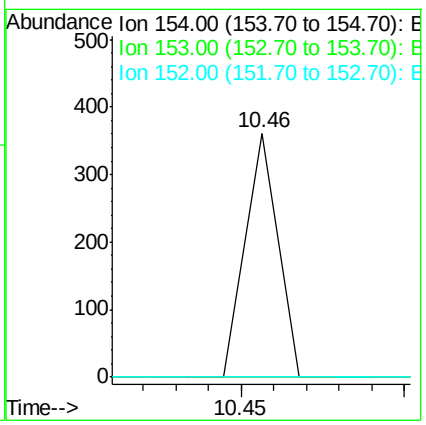


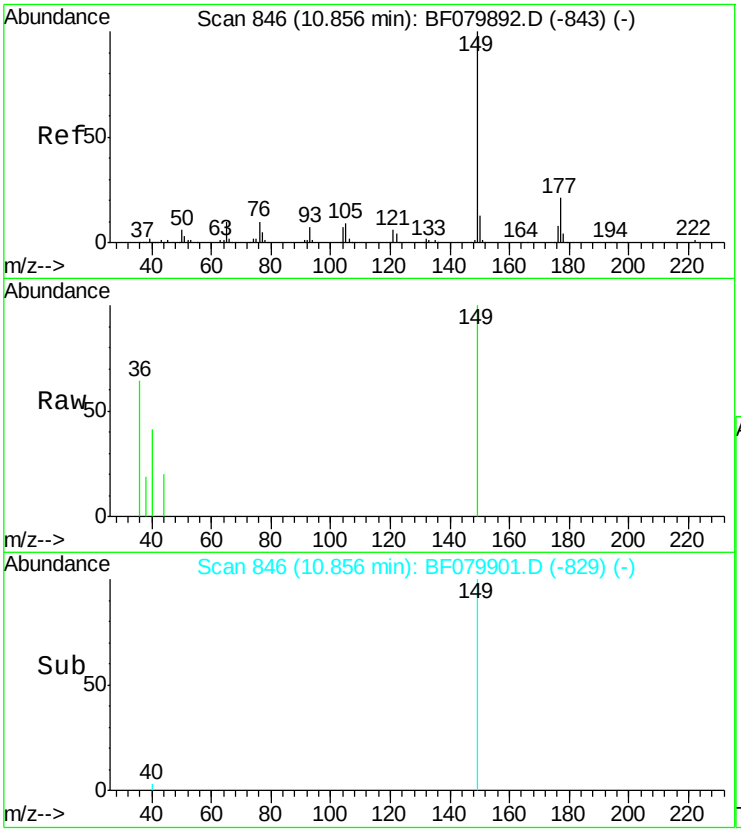


#51
Acenaphthene
Concen: 0.04 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.03 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:154 Resp: 248

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.0	135.0#
152	0.0	43.7	65.5#



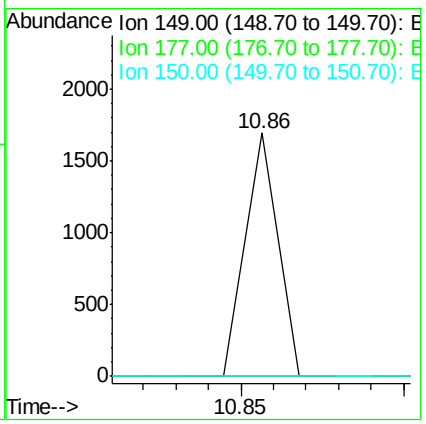


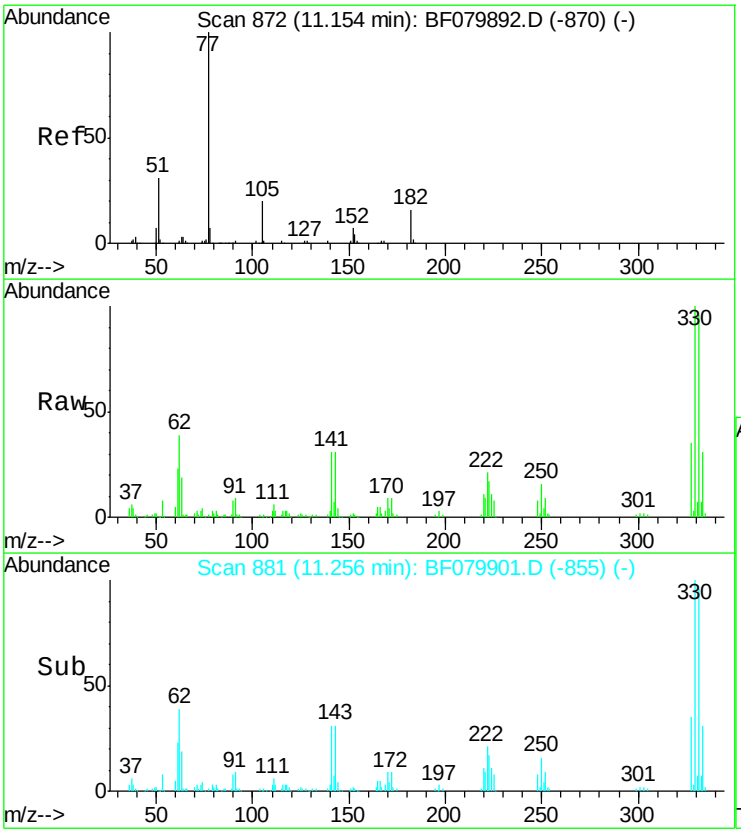
#59
Diethylphthalate
Concen: 0.16 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:149 Resp: 1163

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.9	25.3#
150	0.0	10.4	15.6#

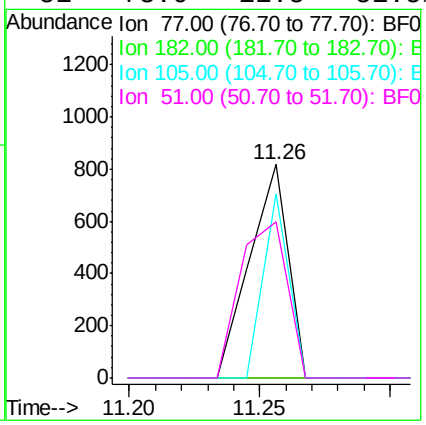


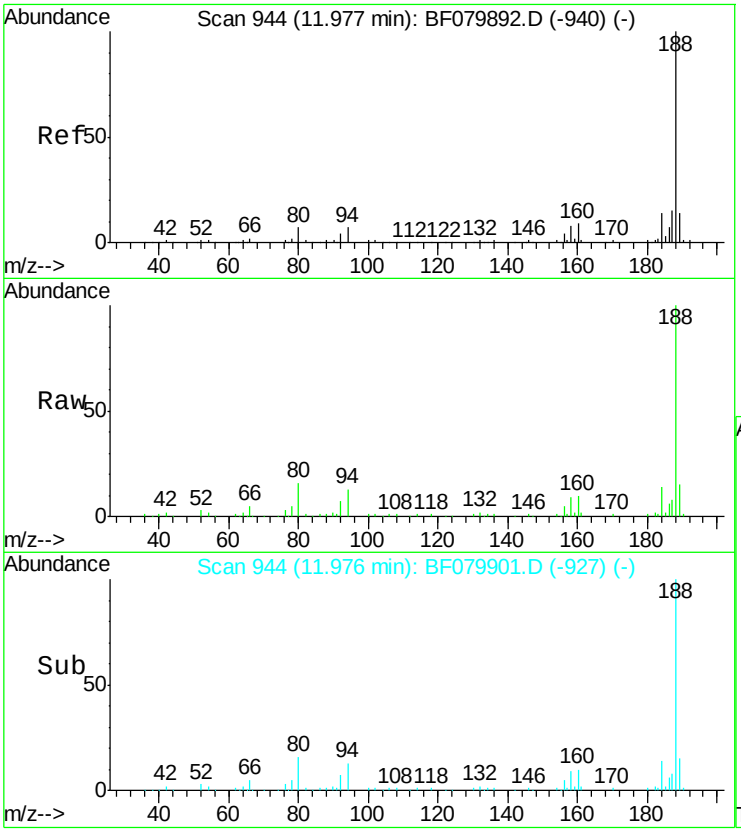


#62
Azobenzene
Concen: 0.12 ng
RT: 11.26 min Scan# 881
Delta R.T. 0.10 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion: 77 Resp: 846

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	35.9
105	86.4	0.1	40.1#
51	73.0	11.5	51.5#



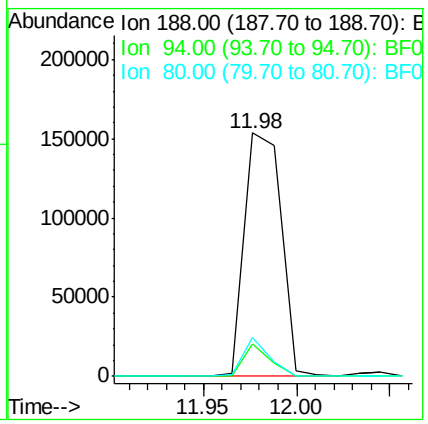


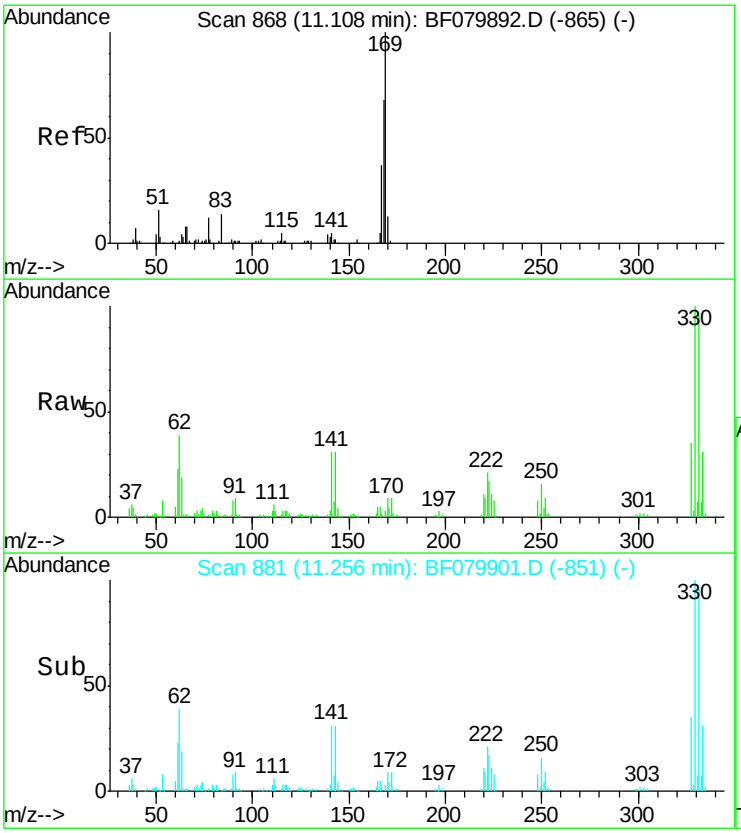
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:188 Resp: 209679

Ion	Ratio	Lower	Upper
188	100		
94	13.2	5.8	8.8#
80	15.7	5.9	8.9#

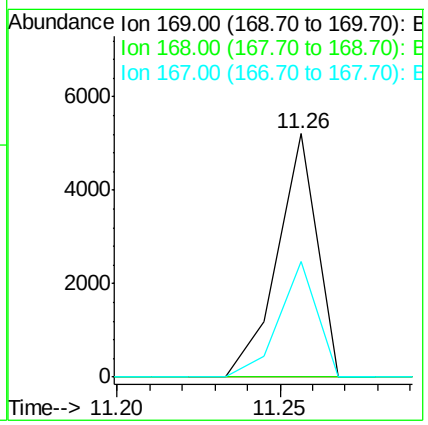


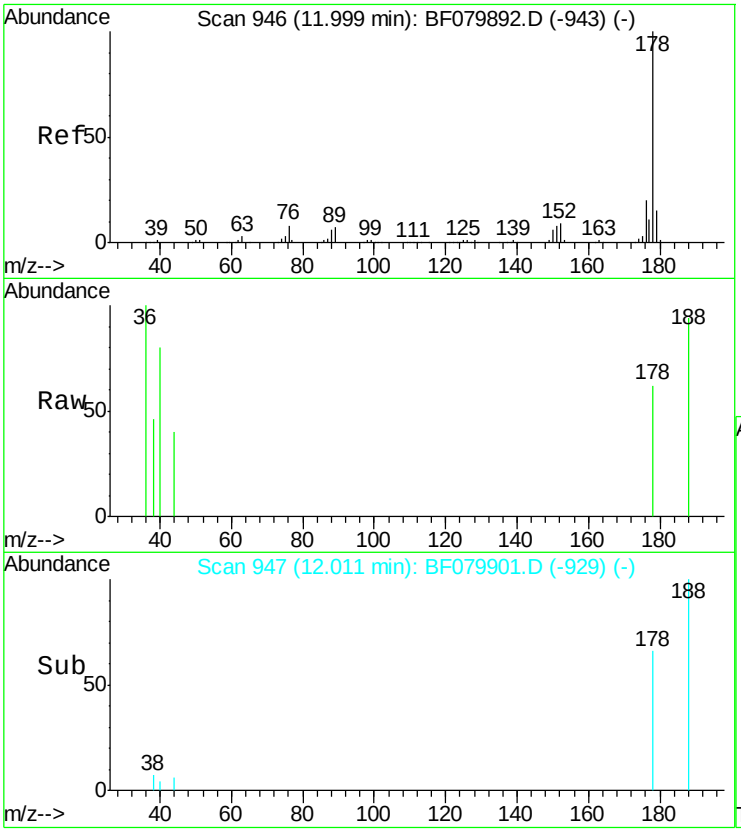


#65
n-Nitrosodiphenylamine
Concen: 0.63 ng
RT: 11.26 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:169 Resp: 4390

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.2	81.4#
167	47.7	29.7	44.5#



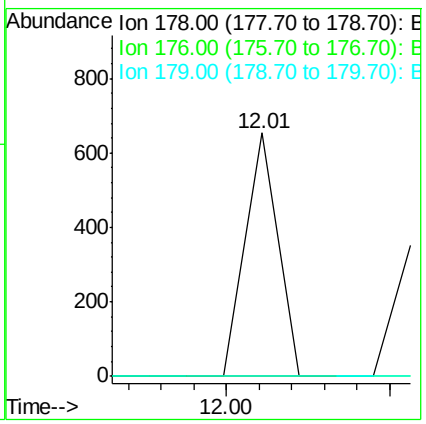


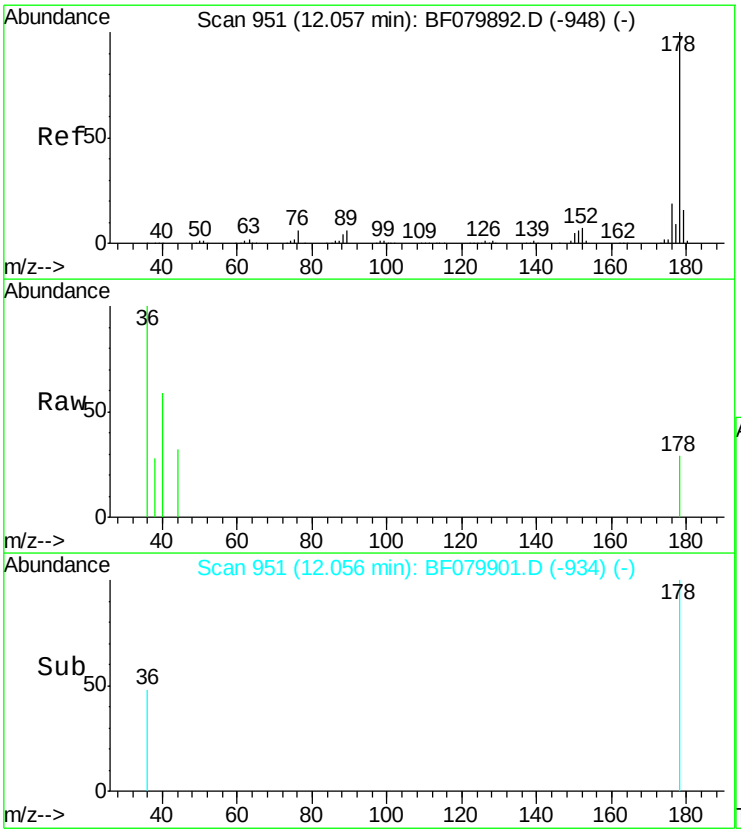
#70
Phenanthrene
Concen: 0.04 ng
RT: 12.01 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:178 Resp: 448

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	0.0	12.3	18.5#

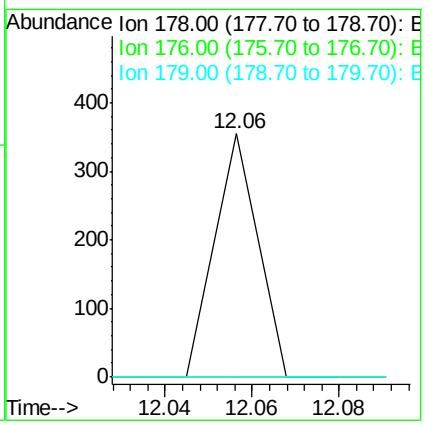


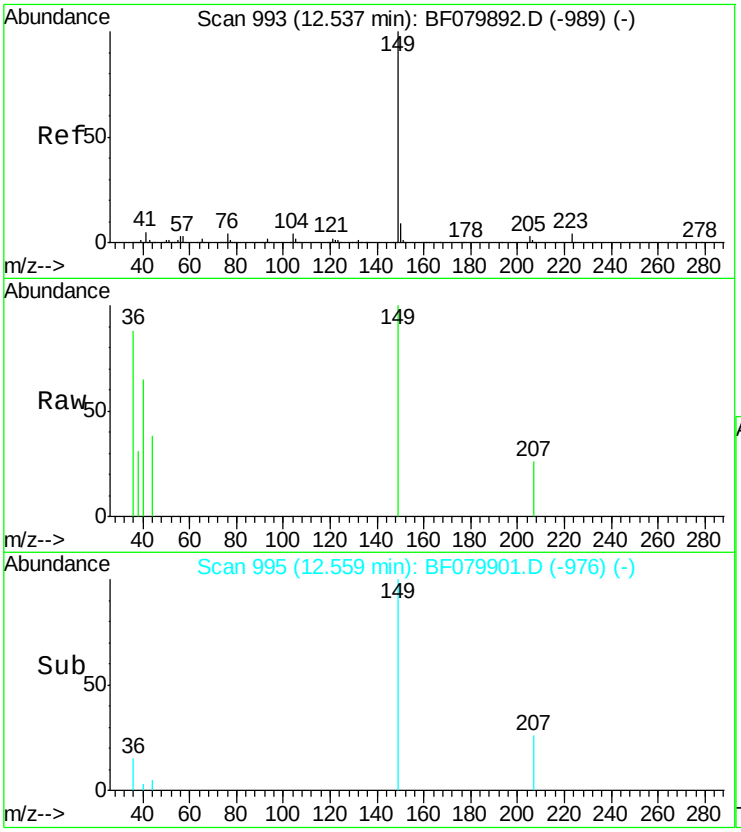


#71
Anthracene
Concen: 0.02 ng
RT: 12.06 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:178 Resp: 243

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.5	18.7#



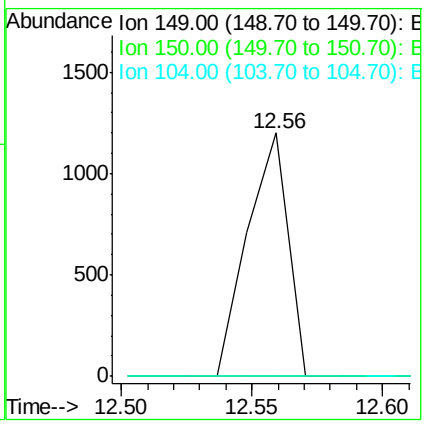


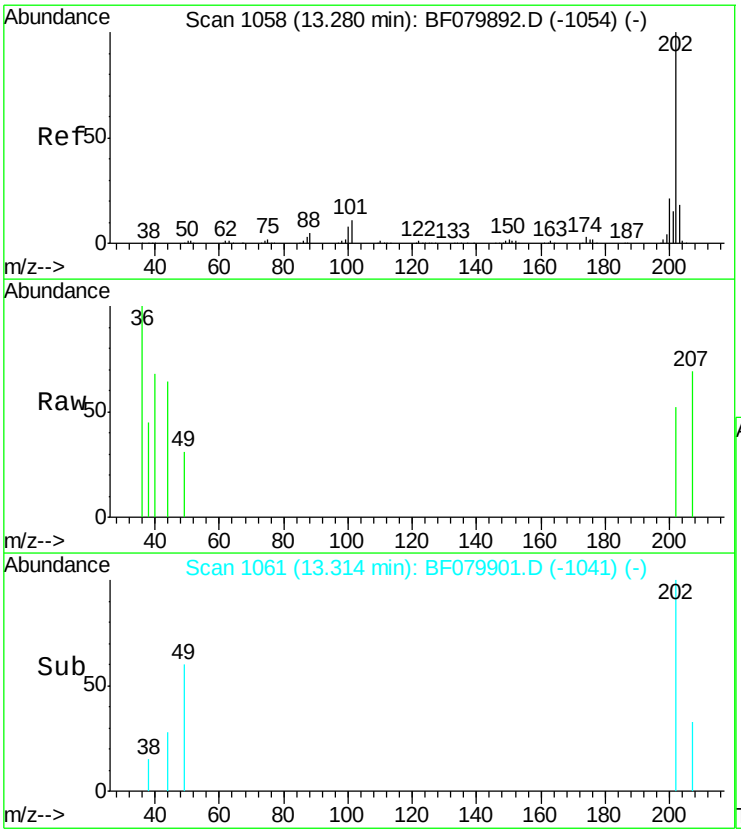
#73
Di-n-butylphthalate
Concen: 0.11 ng
RT: 12.56 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:149 Resp: 1310

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.2	10.8#
104	0.0	3.3	4.9#

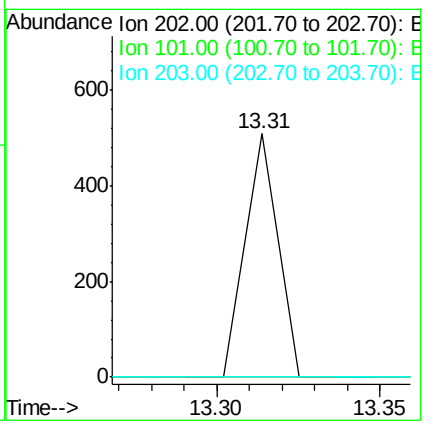


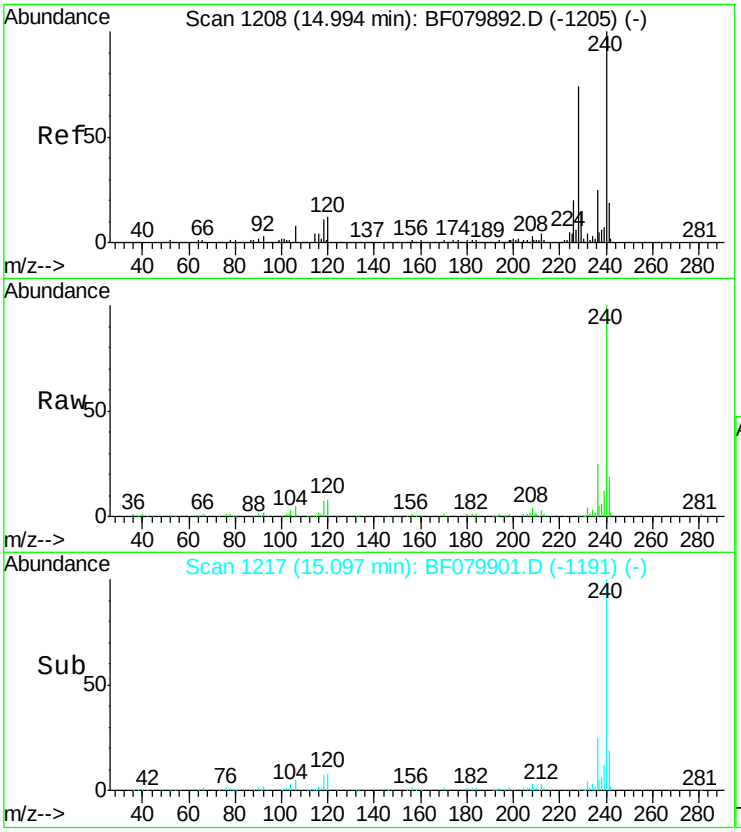


#74
Fluoranthene
Concen: 0.03 ng
RT: 13.31 min Scan# 1061
Delta R.T. 0.03 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:202 Resp: 349

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.7
203	0.0	0.0	38.0



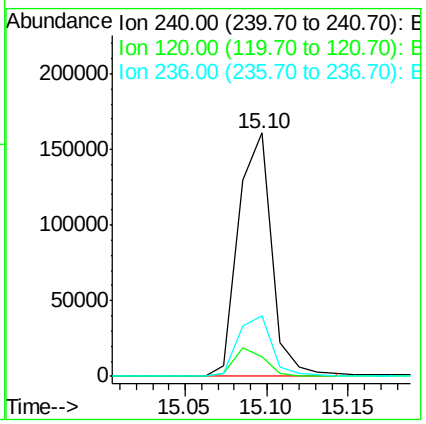


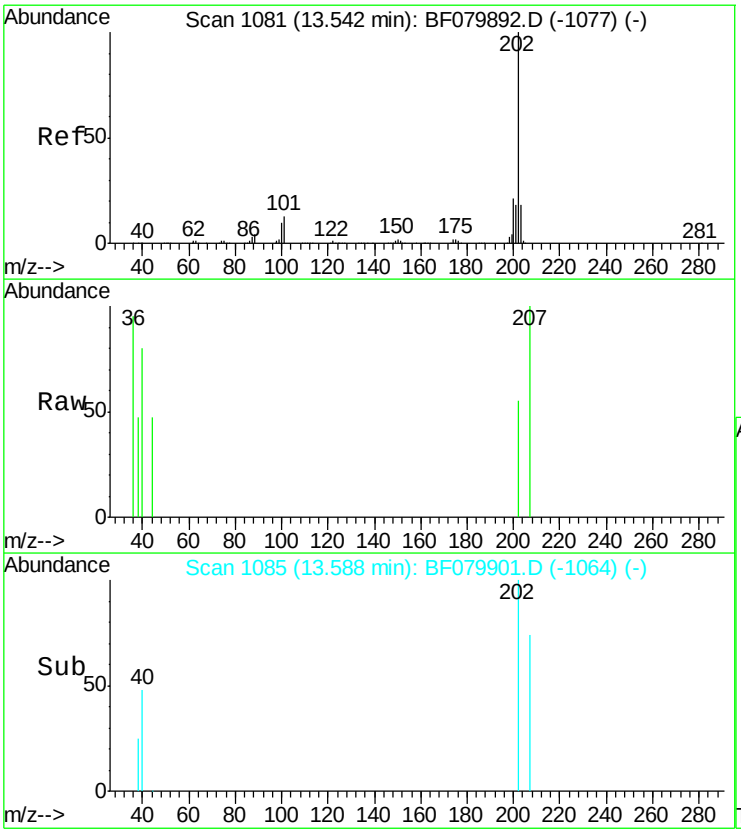
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1217
Delta R.T. 0.10 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:240 Resp: 227640

Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.4	14.2#
236	24.8	19.6	29.4

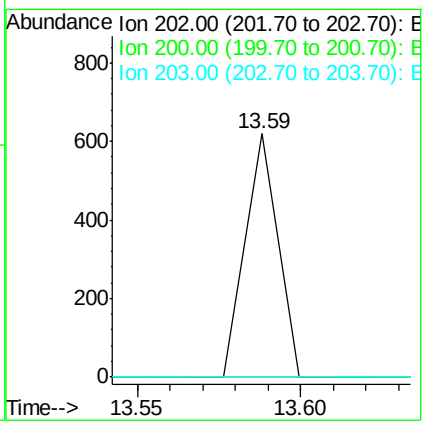


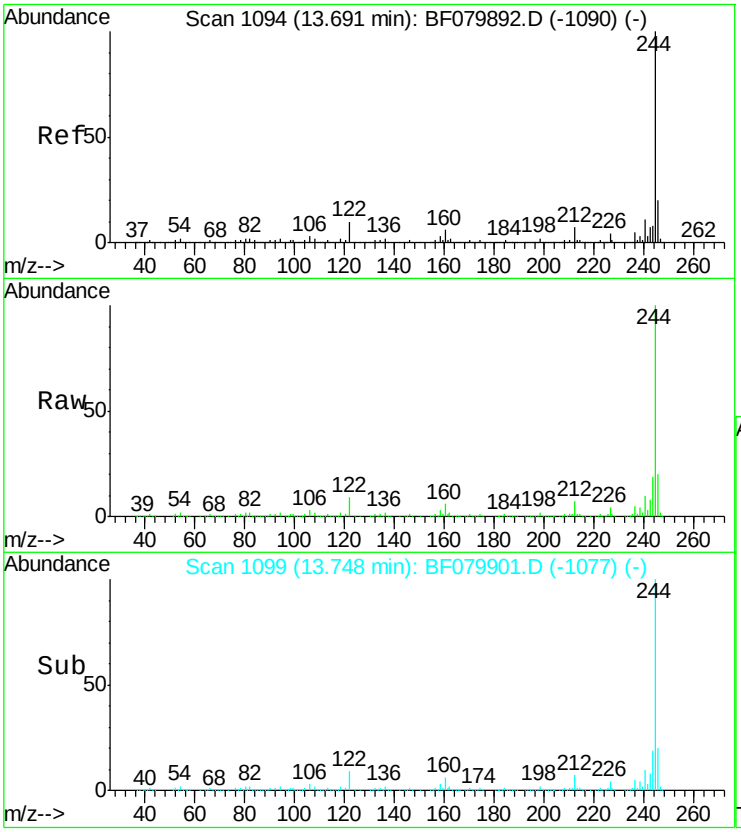


#77
Pyrene
Concen: 0.03 ng
RT: 13.59 min Scan# 1085
Delta R.T. 0.05 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:202 Resp: 425

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.8	25.2#
203	0.0	14.4	21.6#



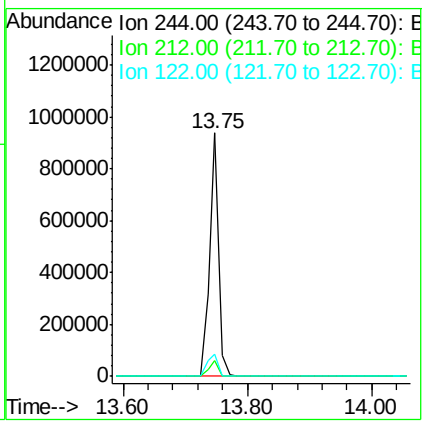


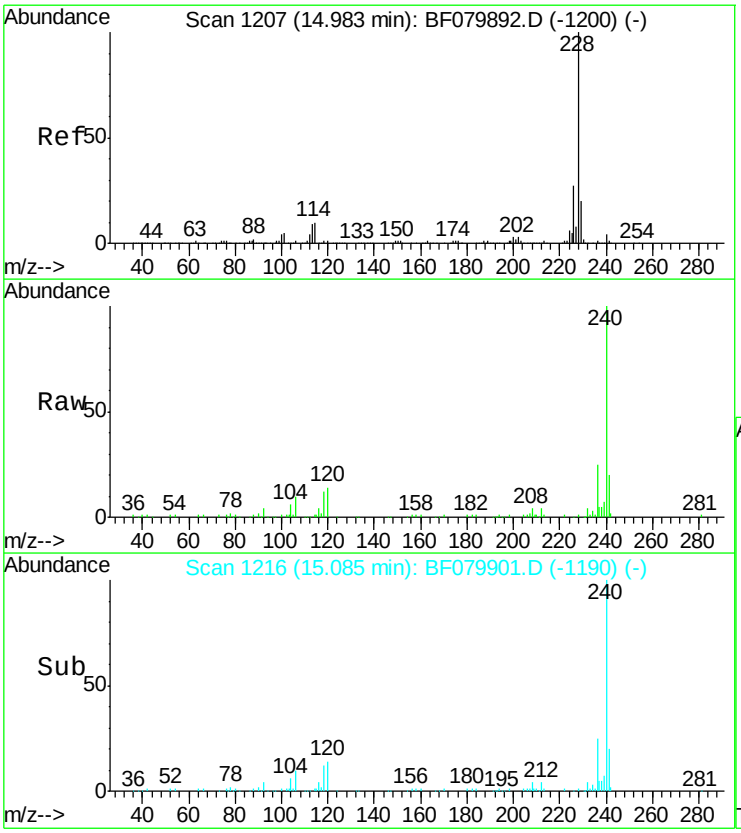
#78
Terphenyl-d14
Concen: 93.14 ng
RT: 13.75 min Scan# 1099
Delta R.T. 0.06 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:244 Resp: 933108

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	9.1	7.8	11.8

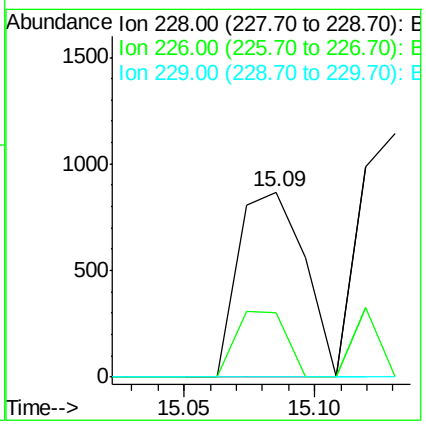


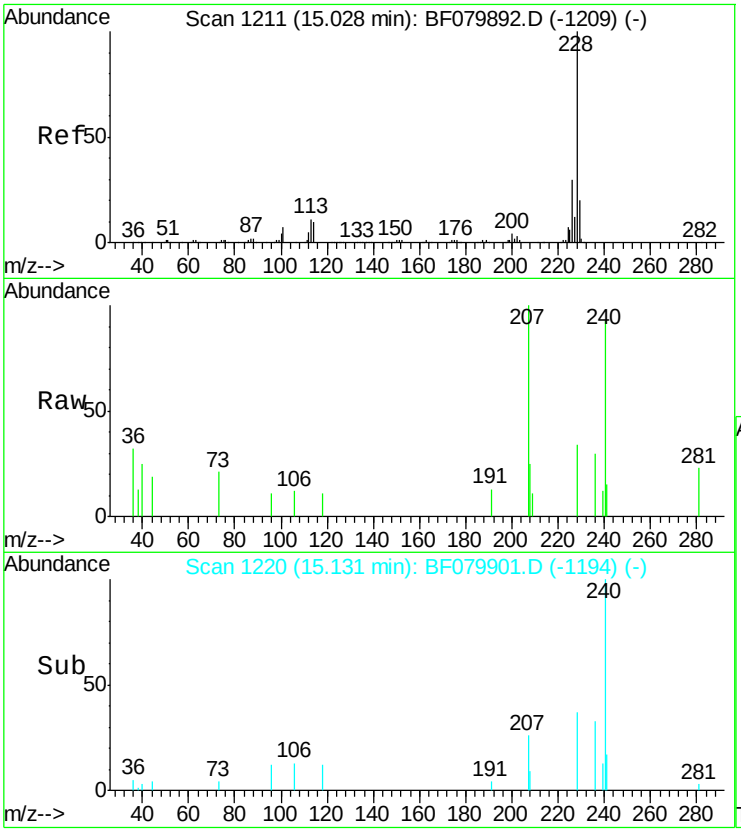


#80
Benzo(a)anthracene
Concen: 0.11 ng
RT: 15.09 min Scan# 1216
Delta R.T. 0.10 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:228 Resp: 1531

Ion	Ratio	Lower	Upper
228	100		
226	34.7	21.8	32.8#
229	0.0	15.9	23.9#



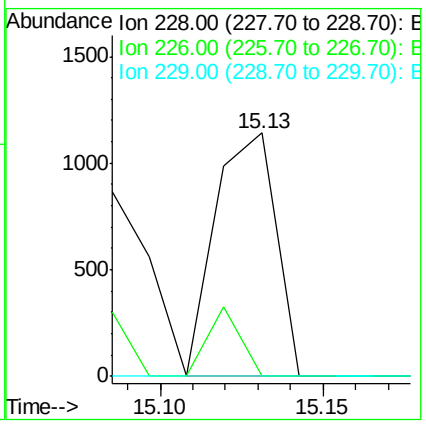


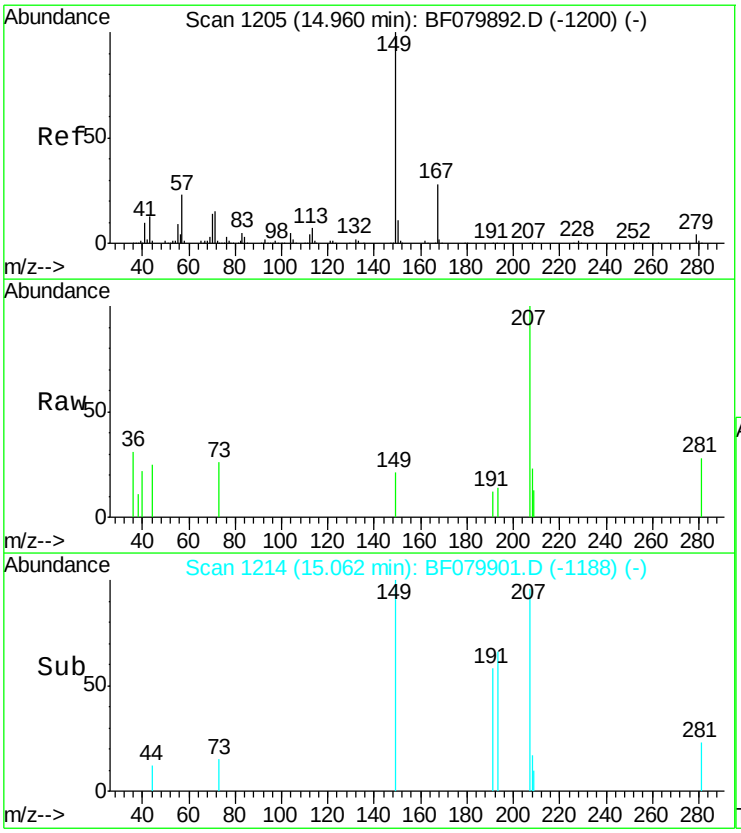
#82
Chrysene
Concen: 0.12 ng
RT: 15.13 min Scan# 1220
Delta R.T. 0.10 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:228 Resp: 1461

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.9	35.9#
229	0.0	16.1	24.1#

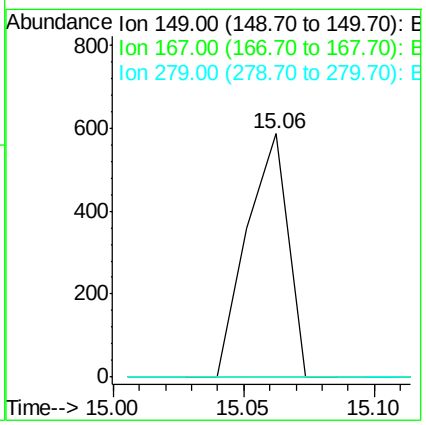


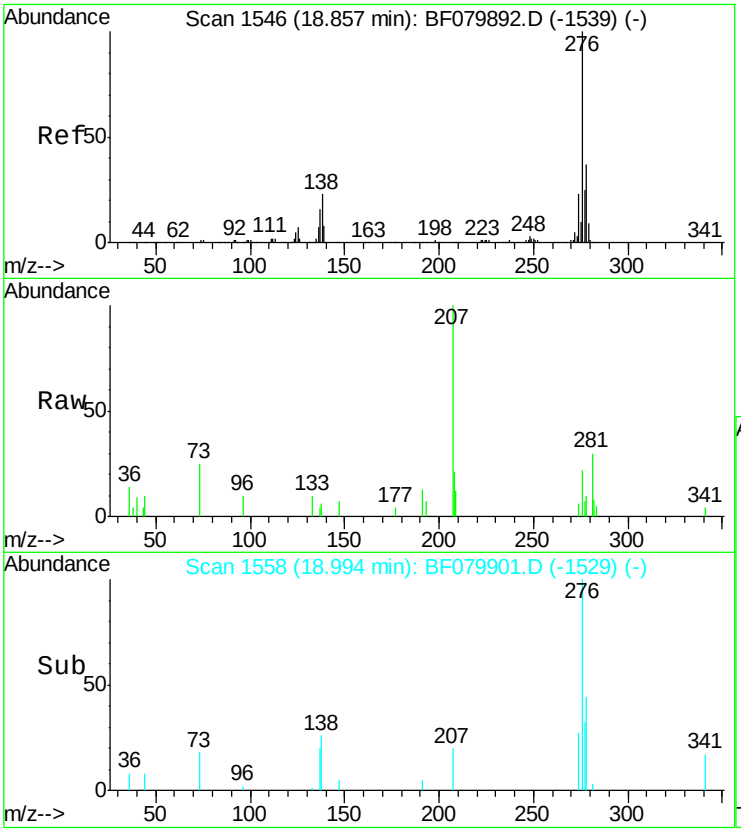


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 15.06 min Scan# 1214
Delta R.T. 0.10 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:149 Resp: 649

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.2	33.4#
279	0.0	3.1	4.7#



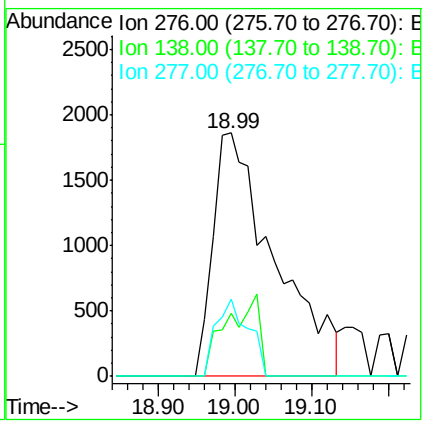


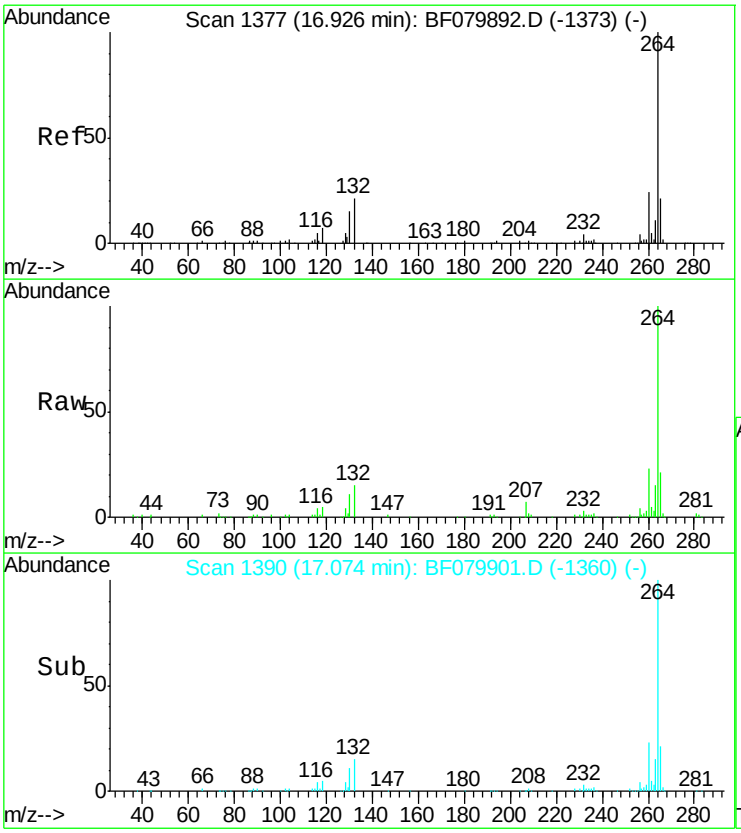
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.77 ng
RT: 18.99 min Scan# 1558
Delta R.T. 0.14 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:276 Resp: 10396

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.0	31.4#
277	16.8	19.9	29.9#

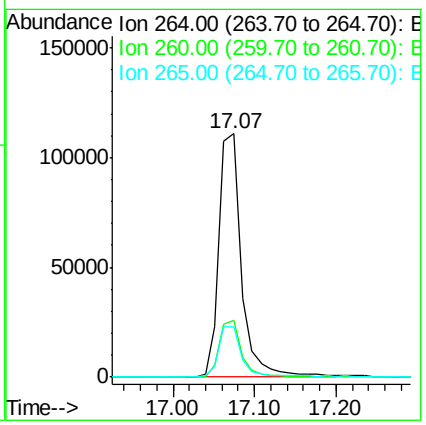


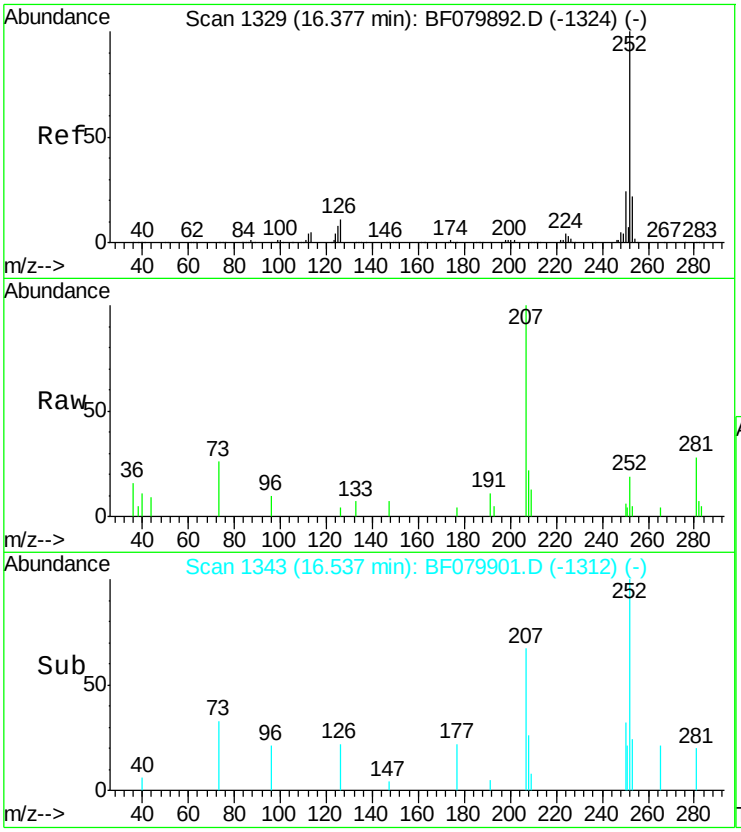


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.07 min Scan# 1390
Delta R.T. 0.15 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:264 Resp: 212924

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	20.9	17.0	25.6



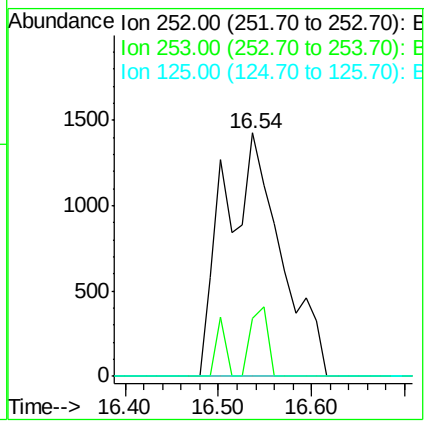


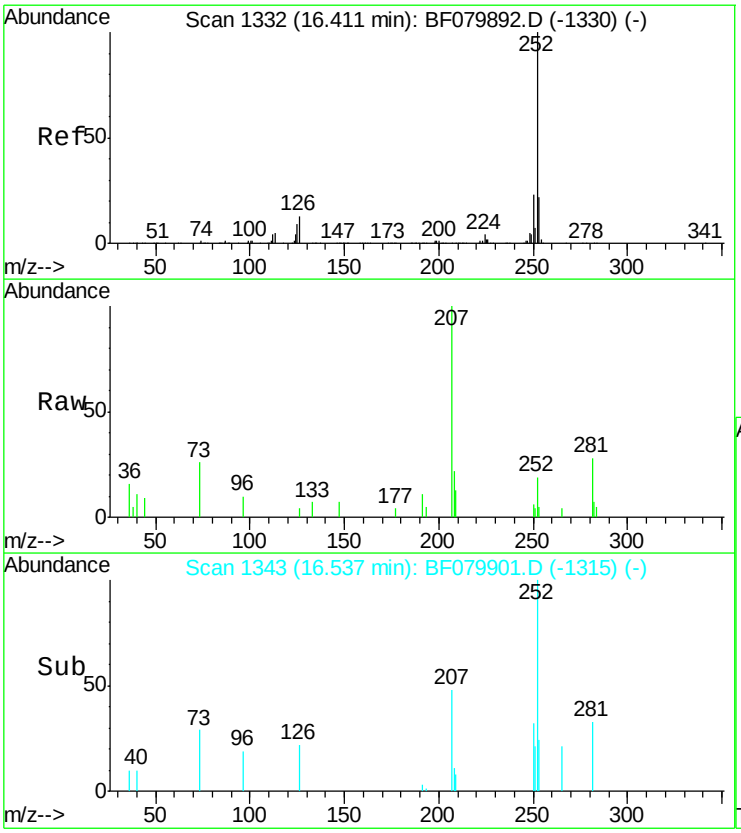
#87
Benzo(b)fluoranthene
Concen: 0.48 ng
RT: 16.54 min Scan# 1343
Delta R.T. 0.16 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:252 Resp: 6025

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	0.0	6.5	9.7#

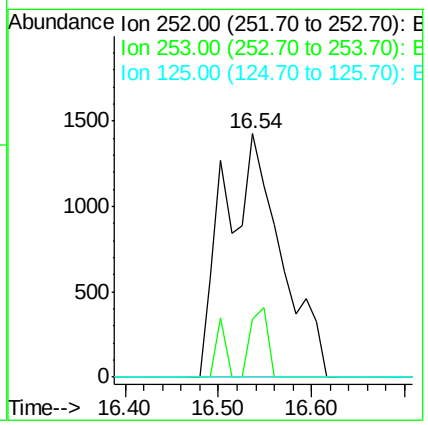


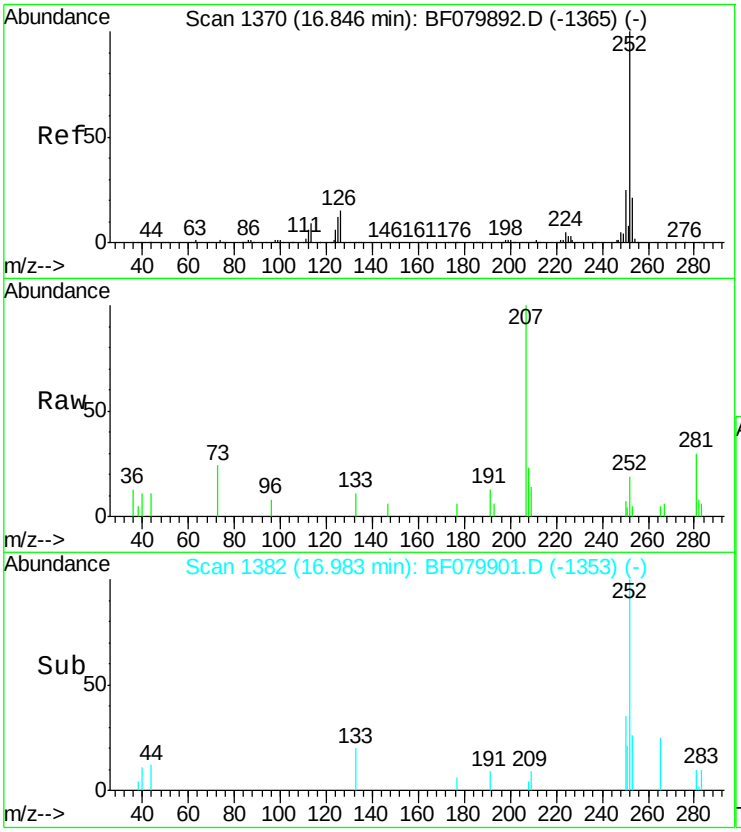


#88
Benzo(k)fluoranthene
Concen: 0.46 ng
RT: 16.54 min Scan# 1343
Delta R.T. 0.13 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:252 Resp: 6025

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	0.0	7.4	11.0#



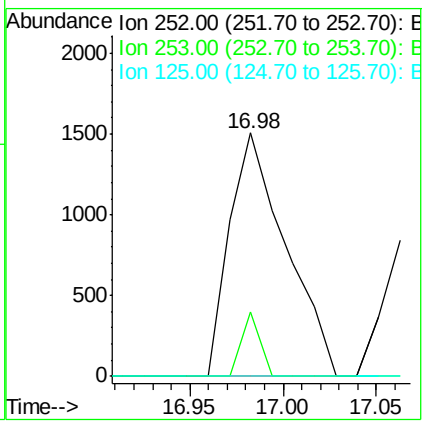


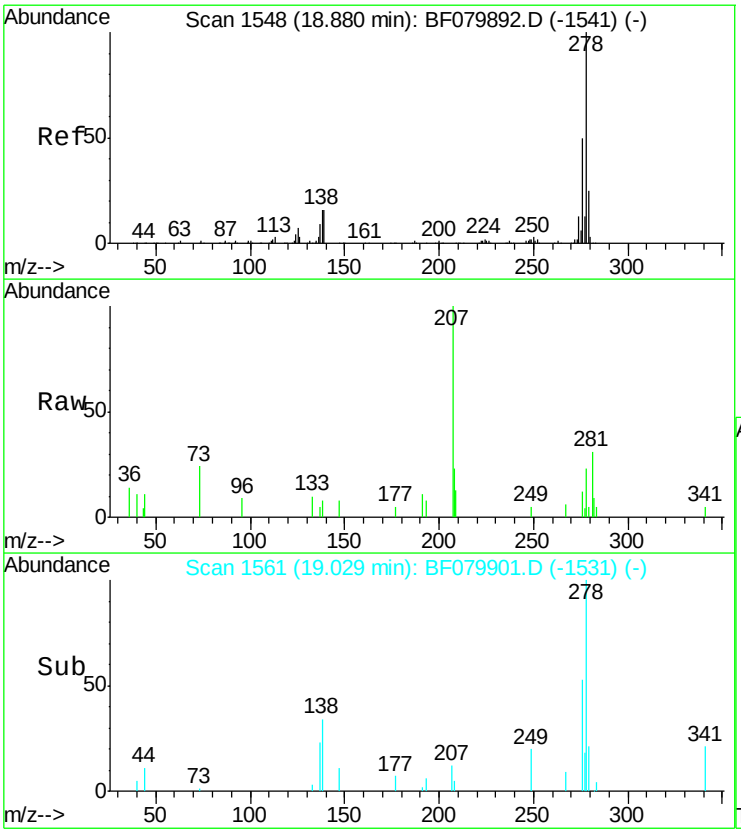
#89
Benzo(a)pyrene
Concen: 0.27 ng
RT: 16.98 min Scan# 1382
Delta R.T. 0.14 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:252 Resp: 3182

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	0.0	9.7	14.5#

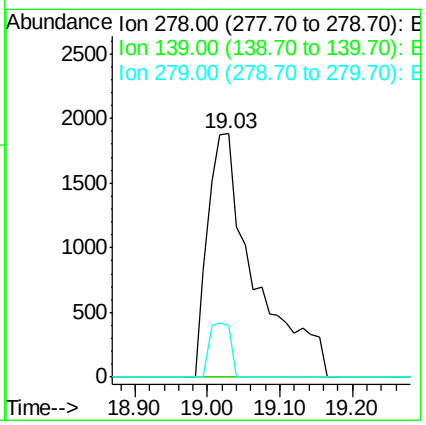


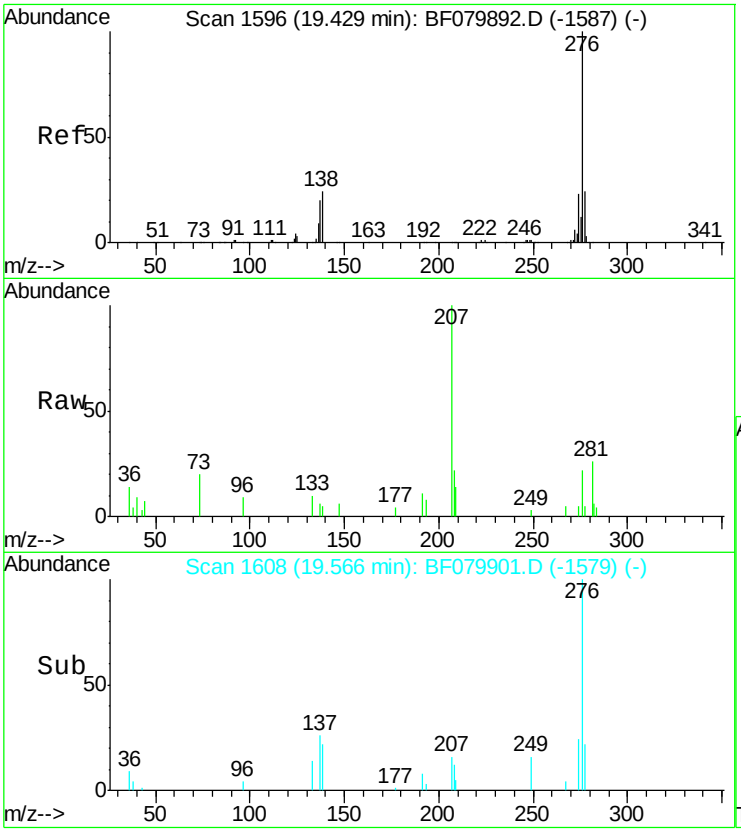


#90
Dibenzo(a,h)anthracene
Concen: 0.77 ng
RT: 19.03 min Scan# 1561
Delta R.T. 0.15 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:278 Resp: 8511

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2#
279	21.0	19.7	29.5





#91
Benzo(g,h,i)perylene
Concen: 0.82 ng
RT: 19.57 min Scan# 1608
Delta R.T. 0.14 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:276 Resp: 9554

Ion	Ratio	Lower	Upper
276	100		
277	21.9	19.4	29.2
138	21.9	19.1	28.7