Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042815\
Data File : BF078797.D
Acq On : 29 Apr 2015 2:09
Operator : TP/IZ
Sample : G2007-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-RB07-42315

Quant Time: Apr 29 04:11:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 03:47:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	95384	20.00	ng		0.00
21) Naphthalene-d8	8.97	136	387518	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	176905	20.00	ng		0.00
63) Phenanthrene-d10	12.99	188	343151	20.00	ng		0.00
75) Chrysene-d12	16.29	240	327604	20.00	ng		-0.02
86) Perylene-d12	18.00	264	303911	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	386799	74.48	ng		0.01
7) Phenol-d6	6.92	99	297129	42.84	ng		-0.01
23) Nitrobenzene-d5	8.08	82	582582	108.24	ng		0.00
41) 2,4,6-Tribromophenol	12.12	330	251312	142.37	ng		0.00
44) 2-Fluorobiphenyl	10.32	172	1280624	99.13	ng		0.00
78) Terphenyl-d14	14.99	244	1402843	101.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	411	0.17	ng	#	88
8) 2-Chlorophenol	7.12	128	259	0.04	ng	#	34
9) Benzaldehyde	6.84	77	748	0.15	ng		90
11) bis(2-Chloroethyl)ether	7.10	93	999	0.16	ng	#	1
15) Benzyl Alcohol	7.58	79	11839	2.29	ng	#	49
22) Acetophenone	7.90	105	293	0.03	ng	#	9
24) Nitrobenzene	8.08	77	2063	0.36	ng	#	37
25) Isophorone	8.40	82	308	0.03	ng	#	69
31) Naphthalene	8.99	128	206	0.01	ng	#	68
51) Acenaphthene	11.14	154	635	0.06	ng	#	4
59) Diethylphthalate	11.69	149	813	0.06	ng	#	59
62) Azobenzene	12.04	77	420	0.03	ng	#	4
70) Phenanthrene	13.02	178	501	0.03	ng	#	59
71) Anthracene	13.09	178	361	0.02	ng	#	60
72) Carbazole	13.29	167	306	0.02	ng	#	58
73) Di-n-butylphthalate	13.74	149	524	2.42	ng	#	77
74) Fluoranthene	14.50	202	354	0.02	ng		61
77) Pyrene	14.79	202	339	0.02	ng	#	57
80) Benzo(a)anthracene	16.29	228	1000	0.06	ng	#	47
82) Chrysene	16.32	228	359	0.02	ng	#	49
83) Bis(2-ethylhexyl)phthalate	16.33	149	17889	4.23	ng		97
84) Di-n-octyl phthalate	17.10	149	206	4.95	ng	#	100
87) Benzo(b)fluoranthene	17.54	252	603	0.04	ng	#	59
88) Benzo(k)fluoranthene	17.54	252	603	0.04	ng	#	58
89) Benzo(a)pyrene	17.93	252	261	0.02	ng	#	60

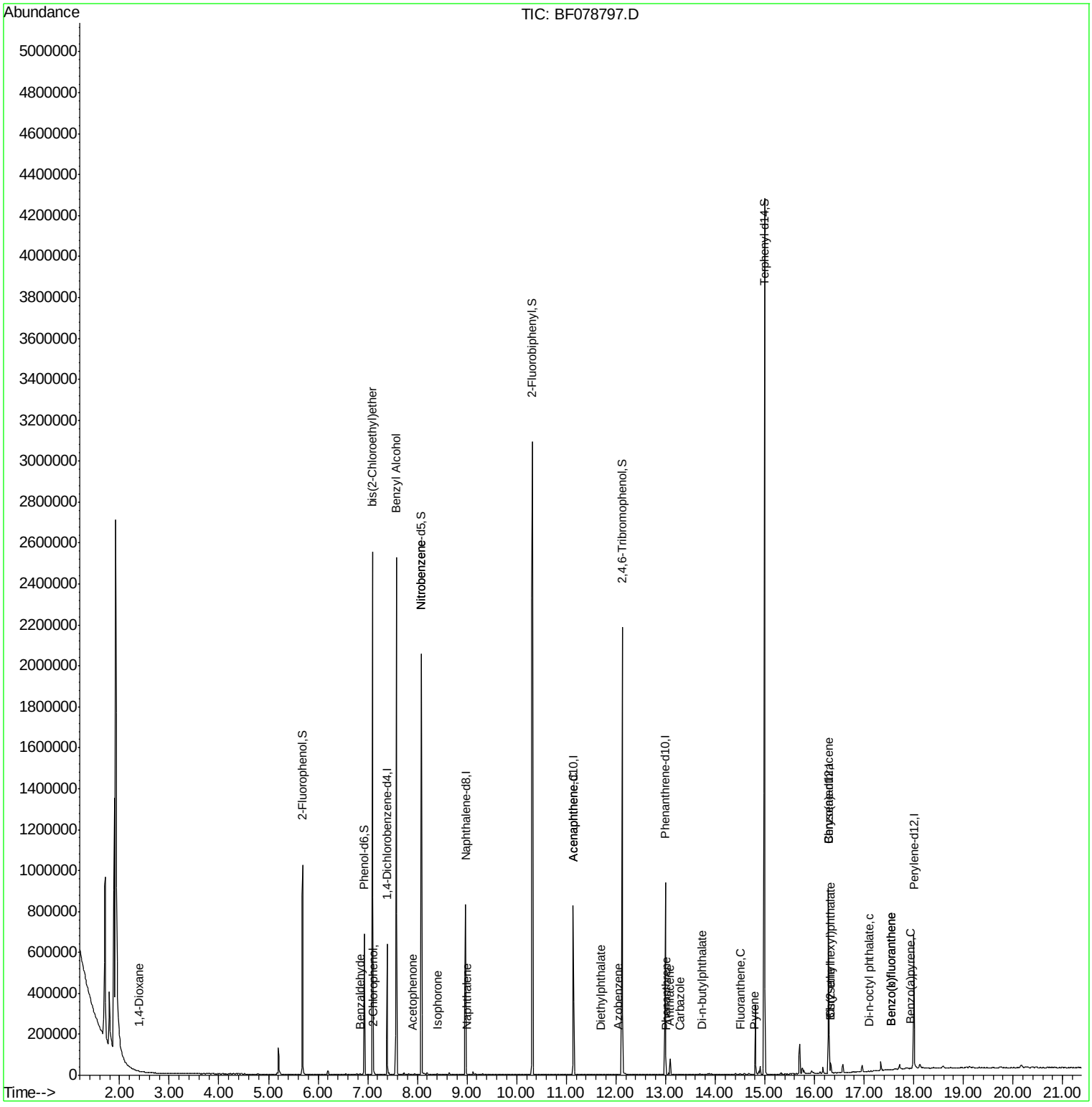
(#) = qualifier out of range (m) = manual integration (+) = signals summed

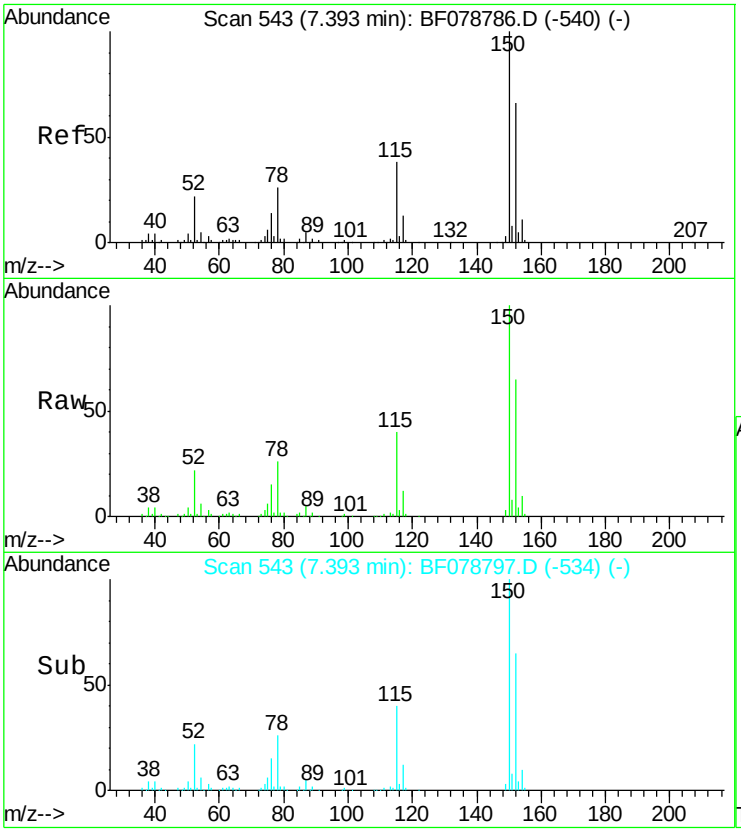
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042815\
Data File : BF078797.D
Acq On : 29 Apr 2015 2:09
Operator : TP/IZ
Sample : G2007-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Quant Time: Apr 29 04:11:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 03:47:53 2015
Response via : Initial Calibration



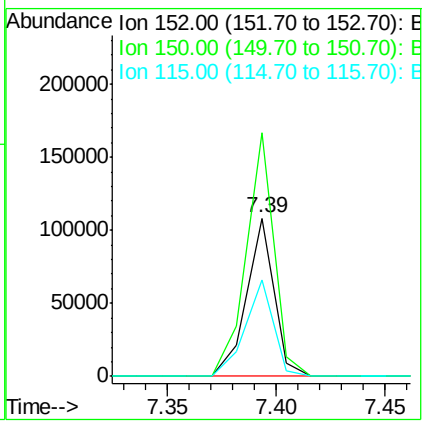


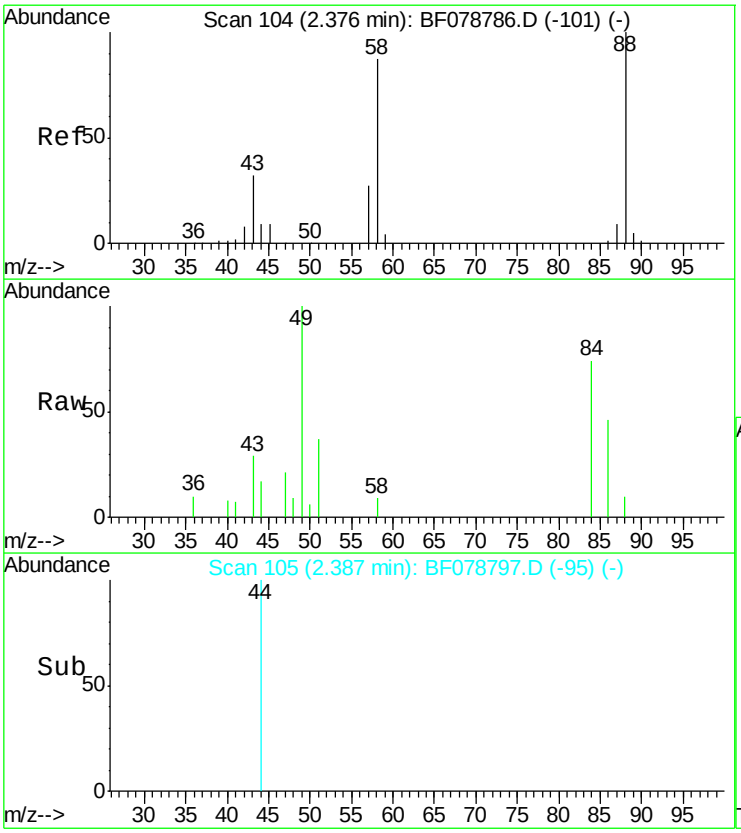
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:152 Resp: 95384

Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.0	183.0
115	61.2	46.3	69.5

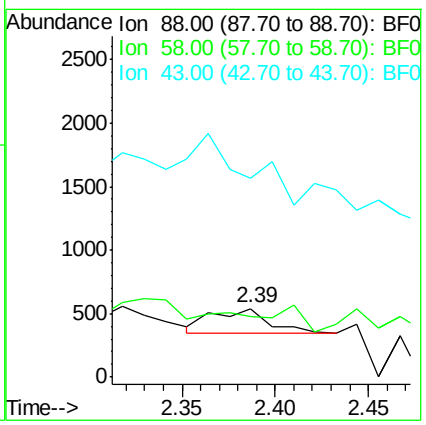


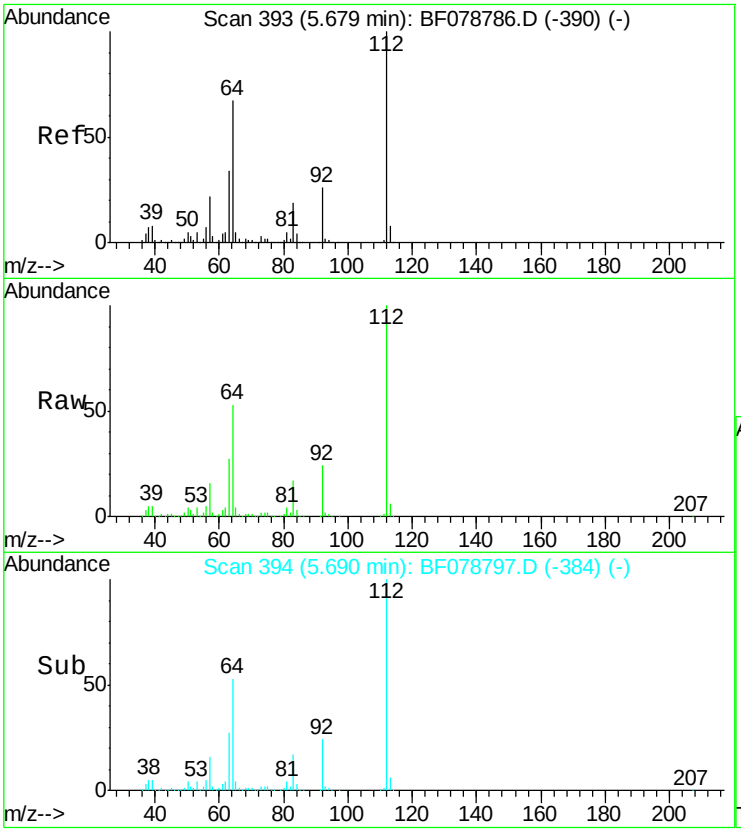


#2
1,4-Dioxane
Concen: 0.17 ng
RT: 2.39 min Scan# 105
Delta R.T. 0.01 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion: 88 Resp: 411

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	3.3	4.9#



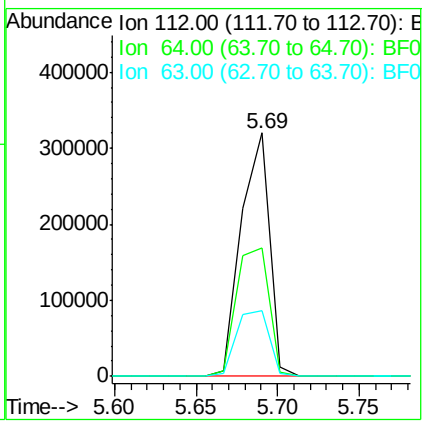


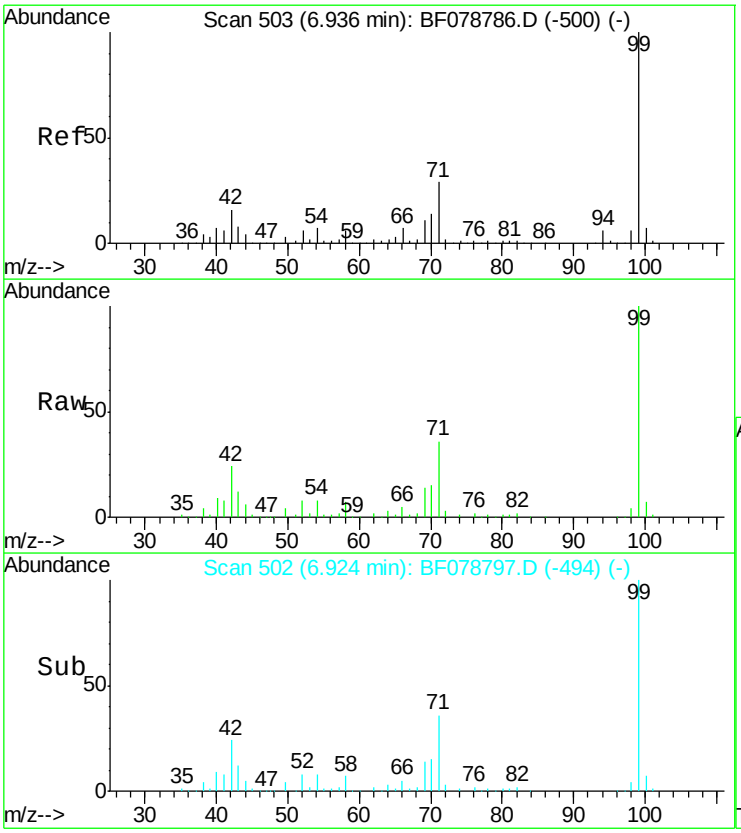
#5
2-Fluorophenol
Concen: 74.48 ng
RT: 5.69 min Scan# 394
Delta R.T. 0.01 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:112 Resp: 386799

Ion	Ratio	Lower	Upper
112	100		
64	52.7	53.5	80.3#
63	27.0	27.5	41.3#

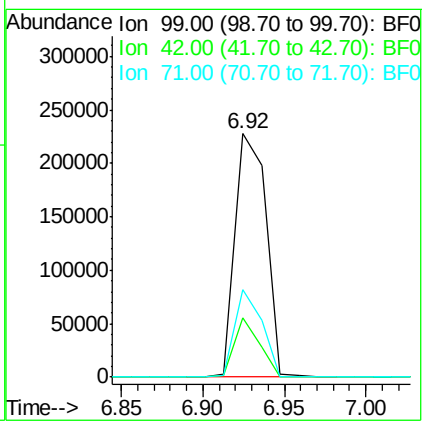


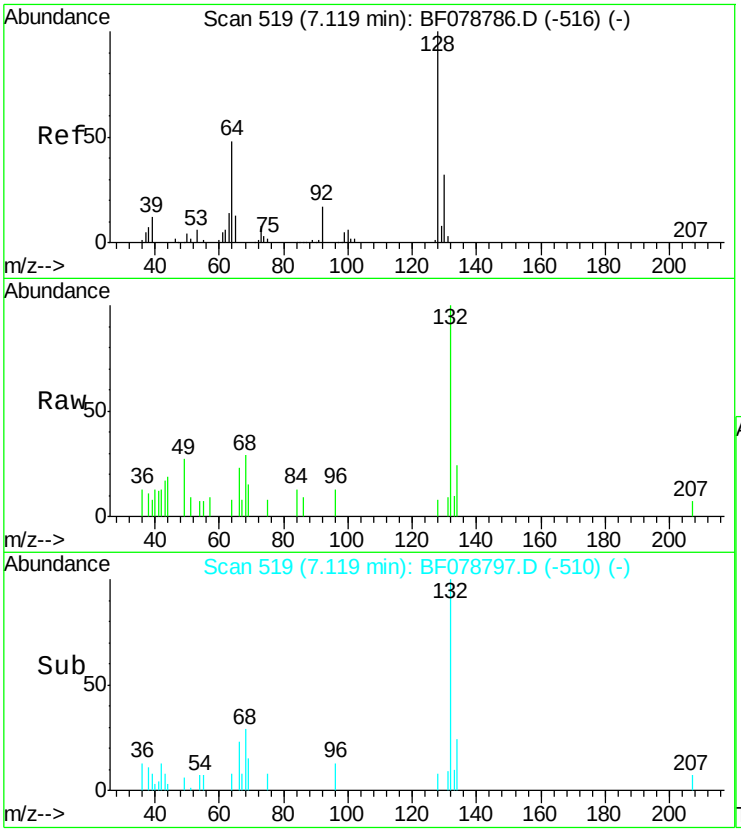


#7
Phenol-d6
Concen: 42.84 ng
RT: 6.92 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion: 99 Resp: 297129

Ion	Ratio	Lower	Upper
99	100		
42	24.3	12.8	19.2#
71	35.8	23.4	35.2#



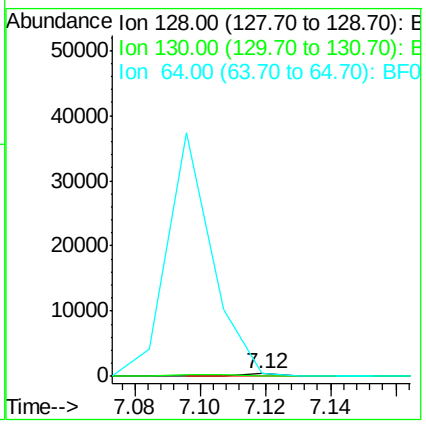


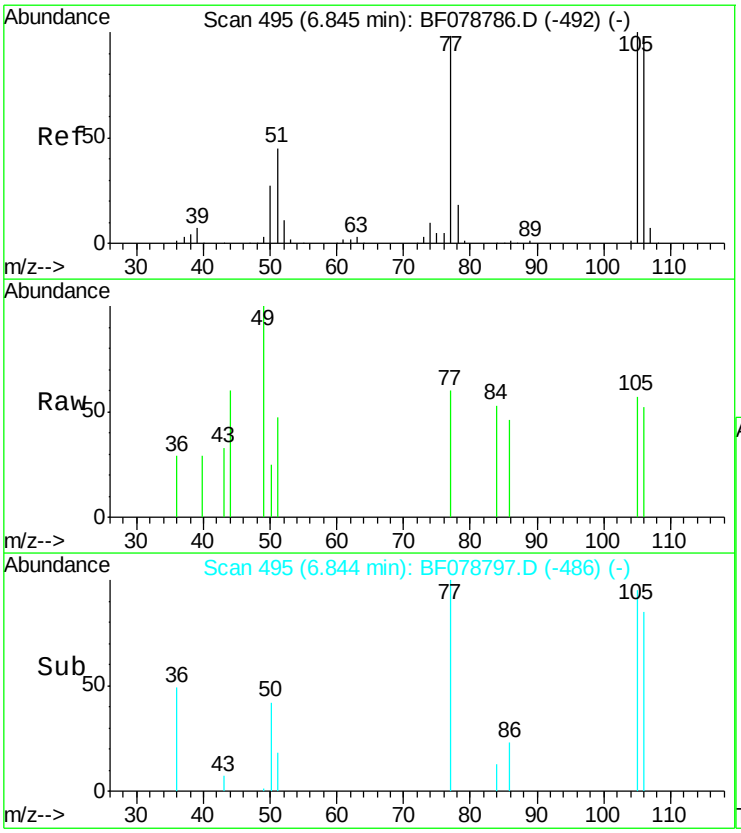
#8
2-Chlorophenol
Concen: 0.04 ng
RT: 7.12 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:128 Resp: 259

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.1	52.1#
64	99.2	29.6	69.6#

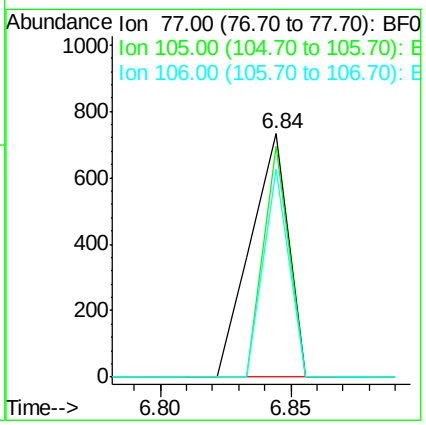


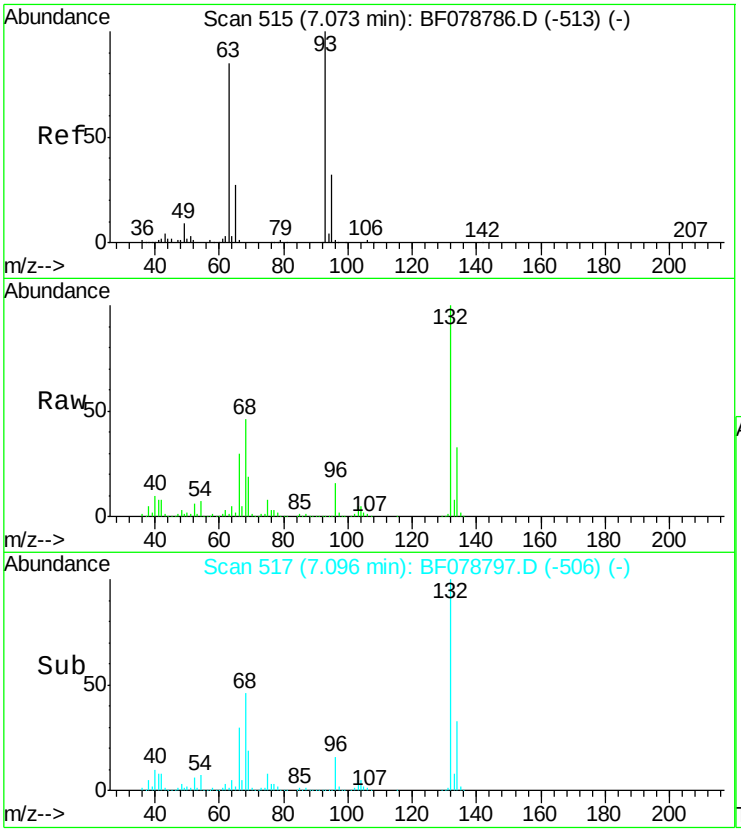


#9
Benzaldehyde
Concen: 0.15 ng
RT: 6.84 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion: 77 Resp: 748

Ion	Ratio	Lower	Upper
77	100		
105	94.5	81.7	121.7
106	85.3	79.0	119.0



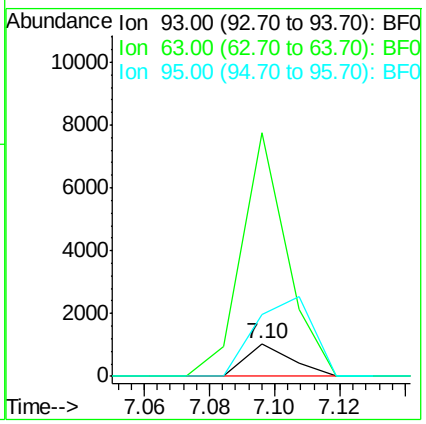


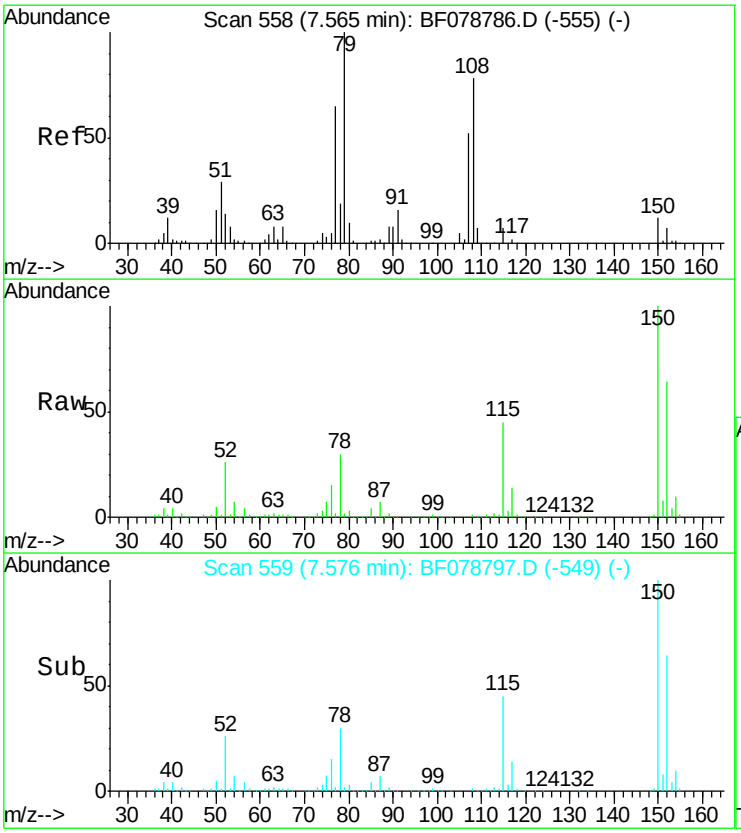
#11
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.02 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion: 93 Resp: 999

Ion	Ratio	Lower	Upper
93	100		
63	736.9	64.8	104.8#
95	189.0	12.4	52.4#

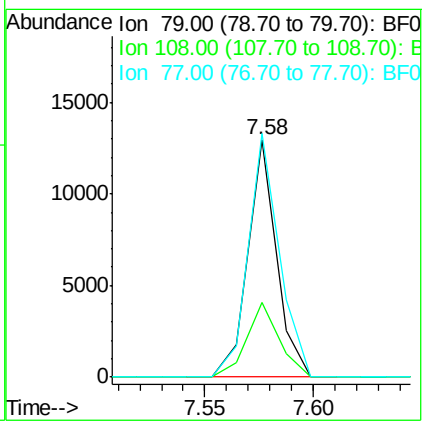


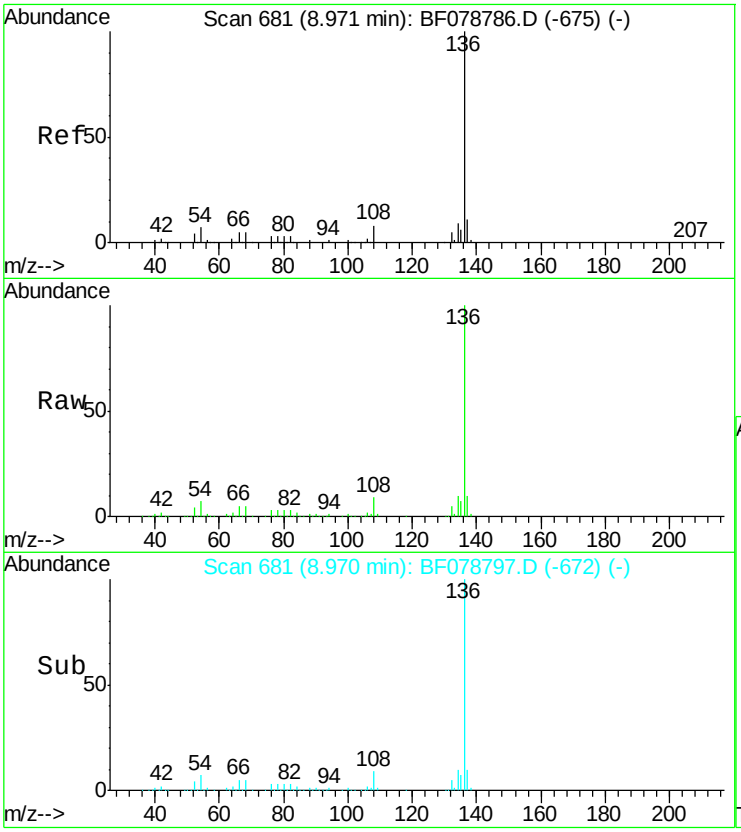


#15
Benzyl Alcohol
Concen: 2.29 ng
RT: 7.58 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion: 79 Resp: 11839

Ion	Ratio	Lower	Upper
79	100		
108	31.5	62.5	93.7#
77	102.6	52.2	78.4#



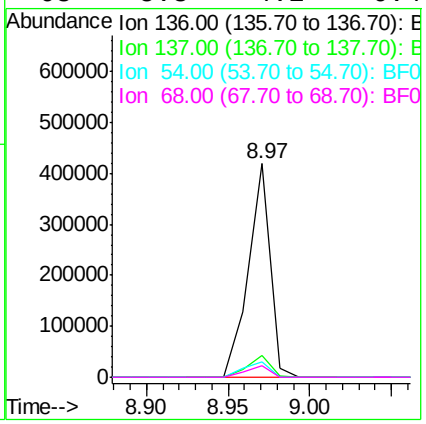


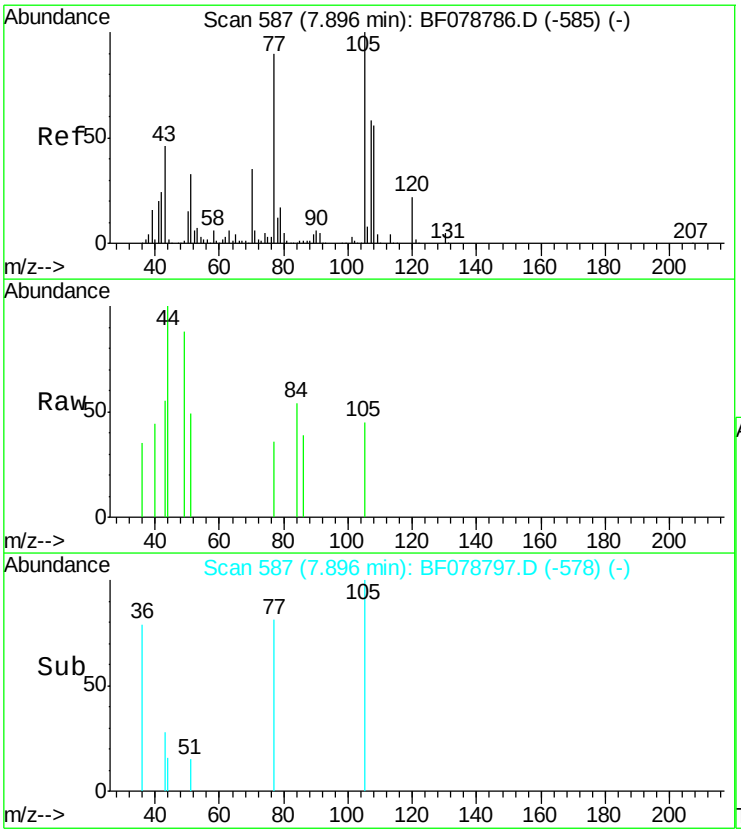
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.97 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:136 Resp: 387518

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	7.0	5.8	8.8
68	5.3	4.2	6.4

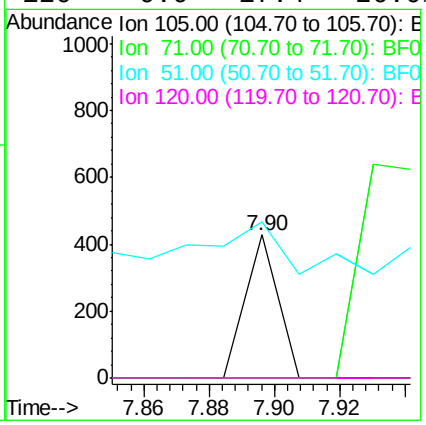


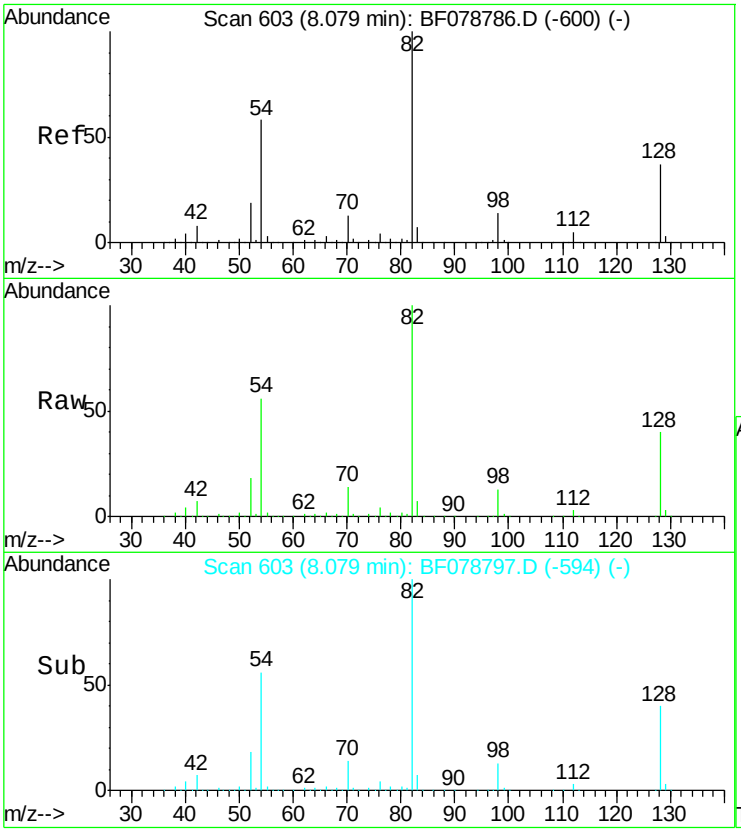


#22
Acetophenone
Concen: 0.03 ng
RT: 7.90 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:105 Resp: 293

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.6	6.8#
51	109.1	26.7	40.1#
120	0.0	17.4	26.0#



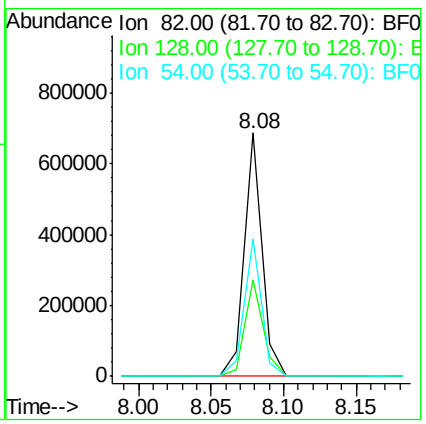


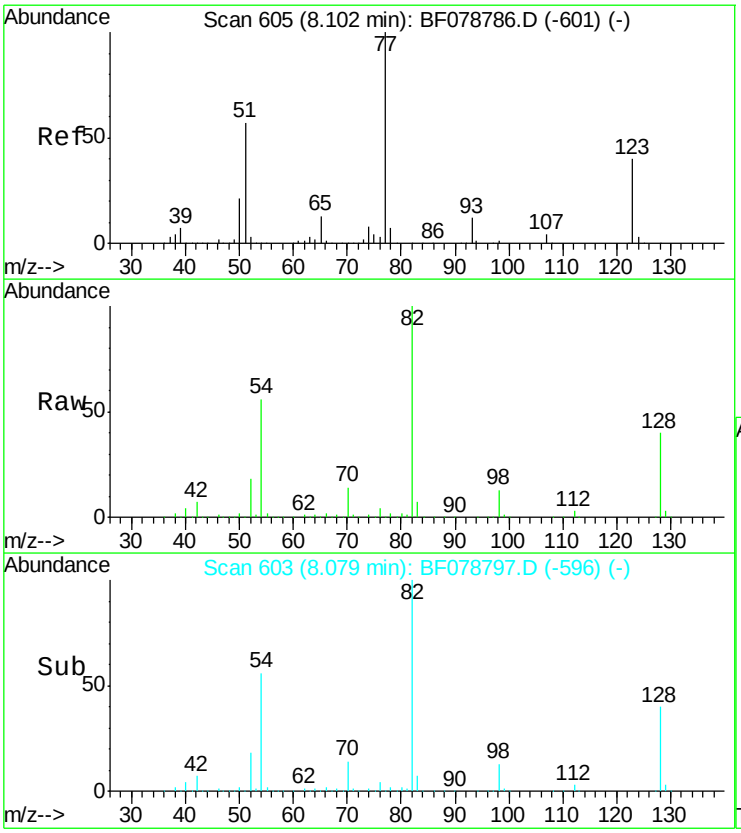
#23
Nitrobenzene-d5
Concen: 108.24 ng
RT: 8.08 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion: 82 Resp: 582582

Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.0	45.0
54	56.3	46.4	69.6

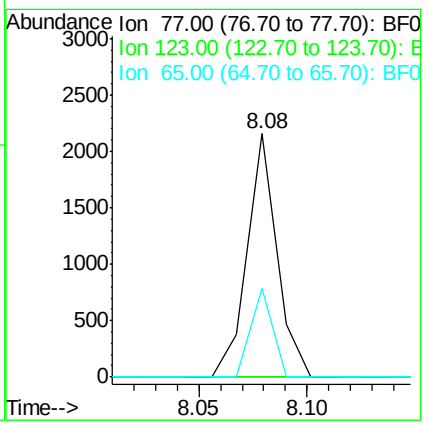


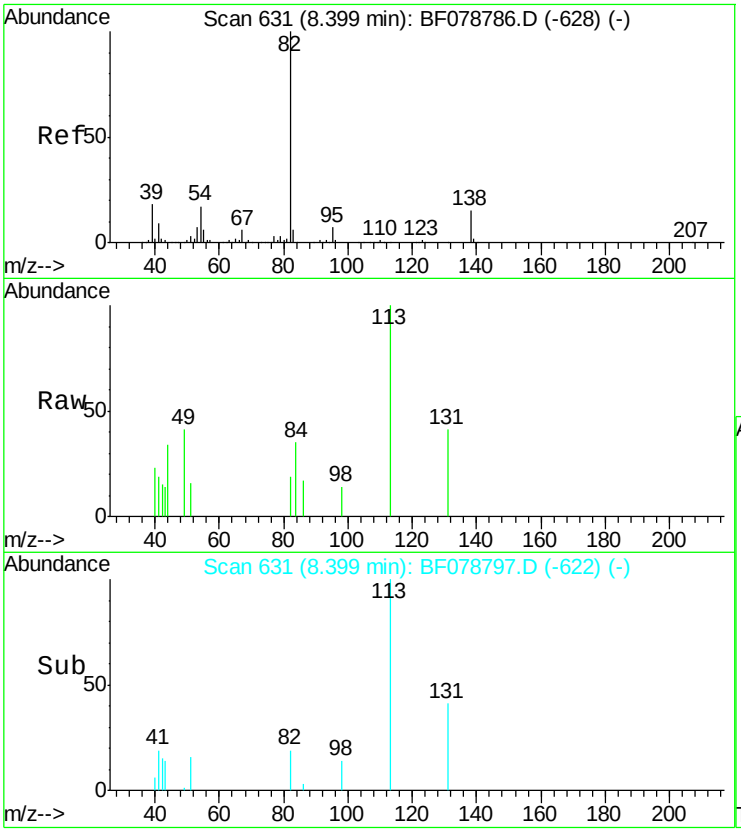


#24
Nitrobenzene
Concen: 0.36 ng
RT: 8.08 min Scan# 603
Delta R.T. -0.02 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion: 77 Resp: 2063

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.8	47.8#
65	36.3	10.6	15.8#



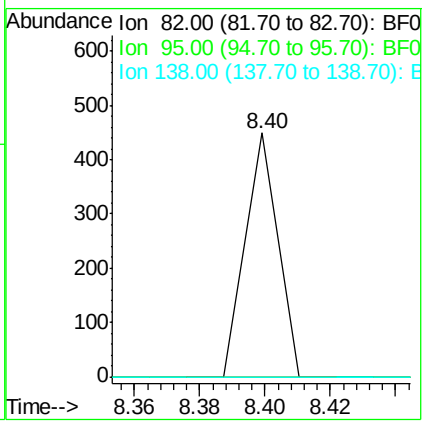


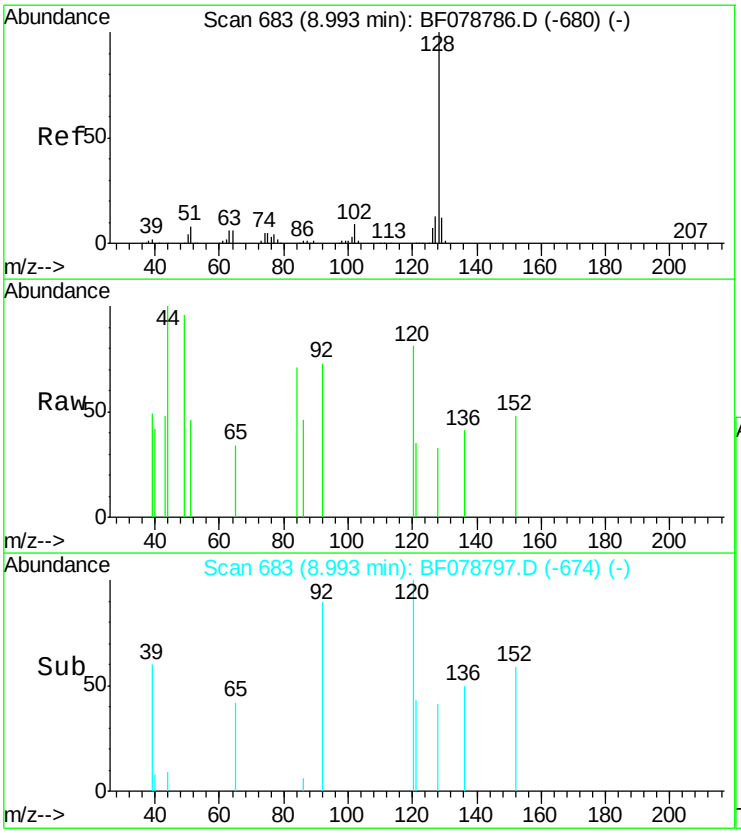
#25
Isophorone
Concen: 0.03 ng
RT: 8.40 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion: 82 Resp: 308

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	12.0	18.0#

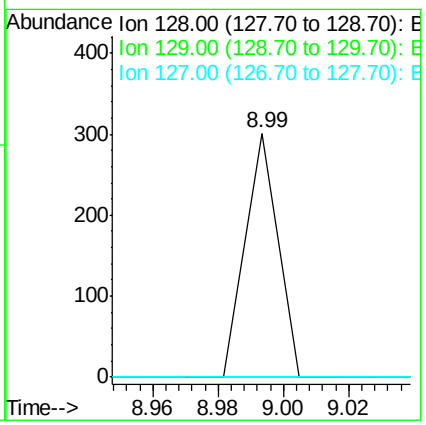


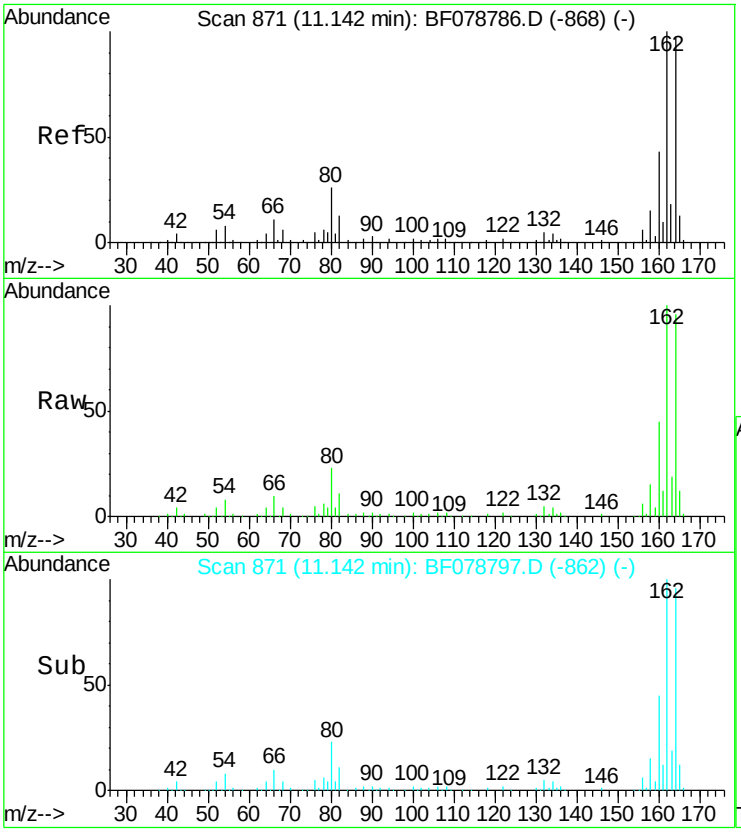


#31
Naphthalene
Concen: 0.01 ng
RT: 8.99 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:128 Resp: 206

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.3	13.9#
127	0.0	10.7	16.1#



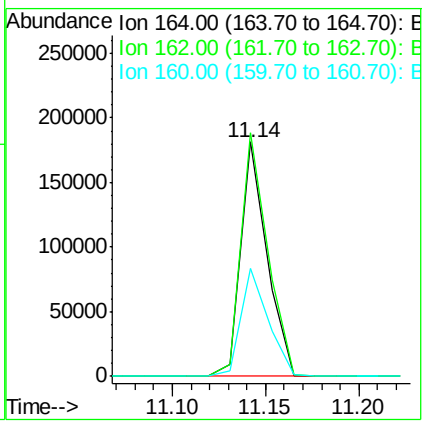


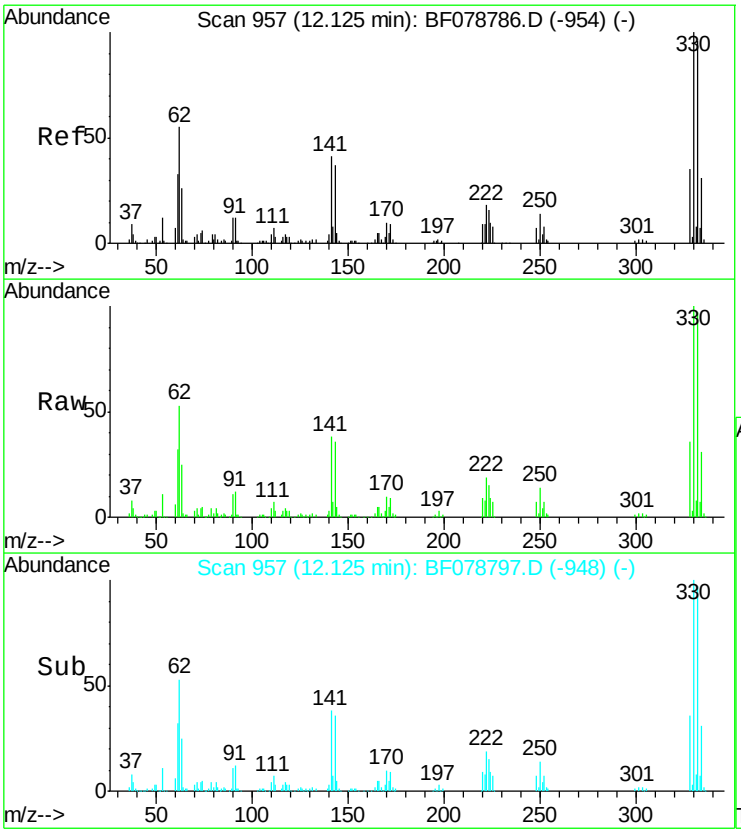
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:164 Resp: 176905

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.7	124.1
160	46.4	35.8	53.8

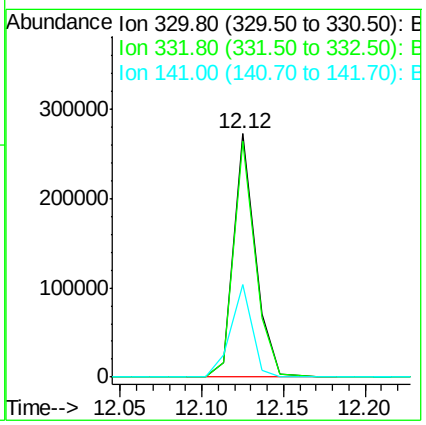


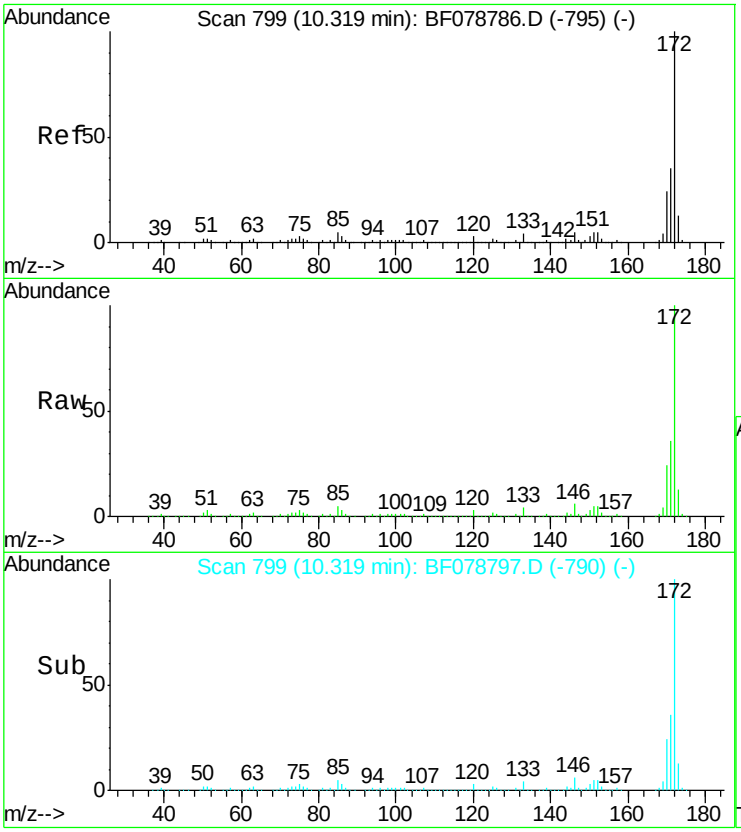


#41
2,4,6-Tribromophenol
Concen: 142.37 ng
RT: 12.12 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:330 Resp: 251312

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	37.4	0.0	0.0#



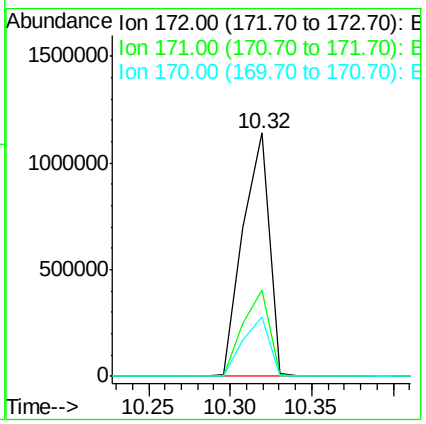


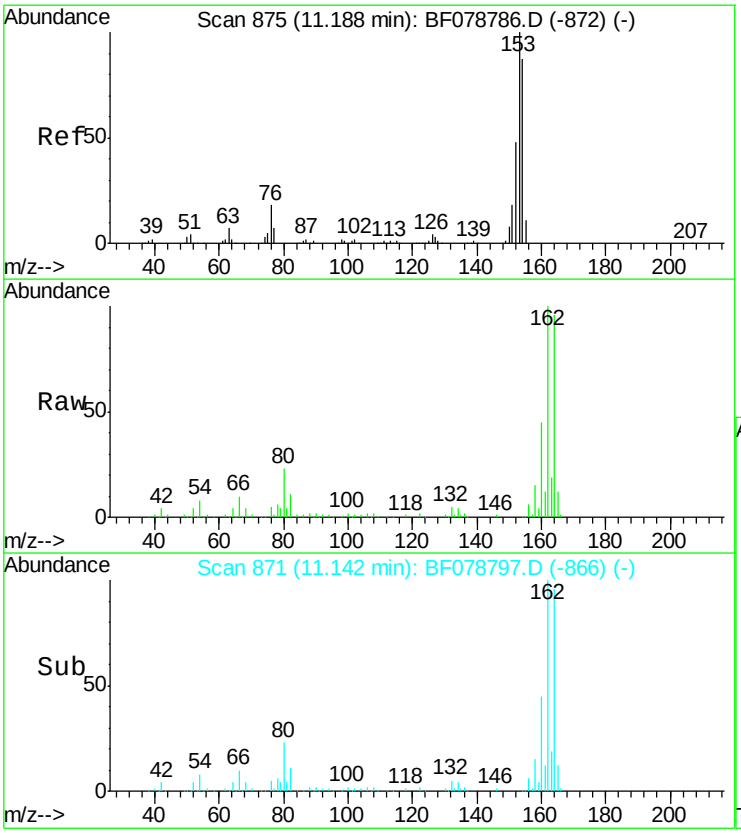
#44
2-Fluorobiphenyl
Concen: 99.13 ng
RT: 10.32 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:172 Resp: 1280624

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	24.4	19.4	29.0

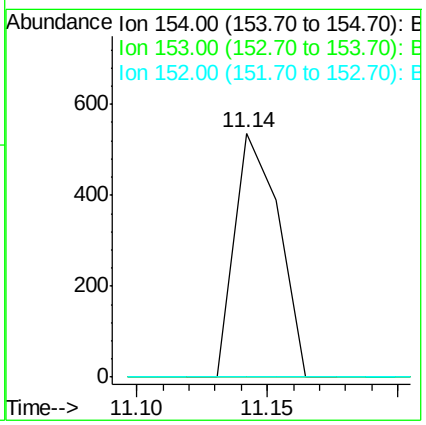


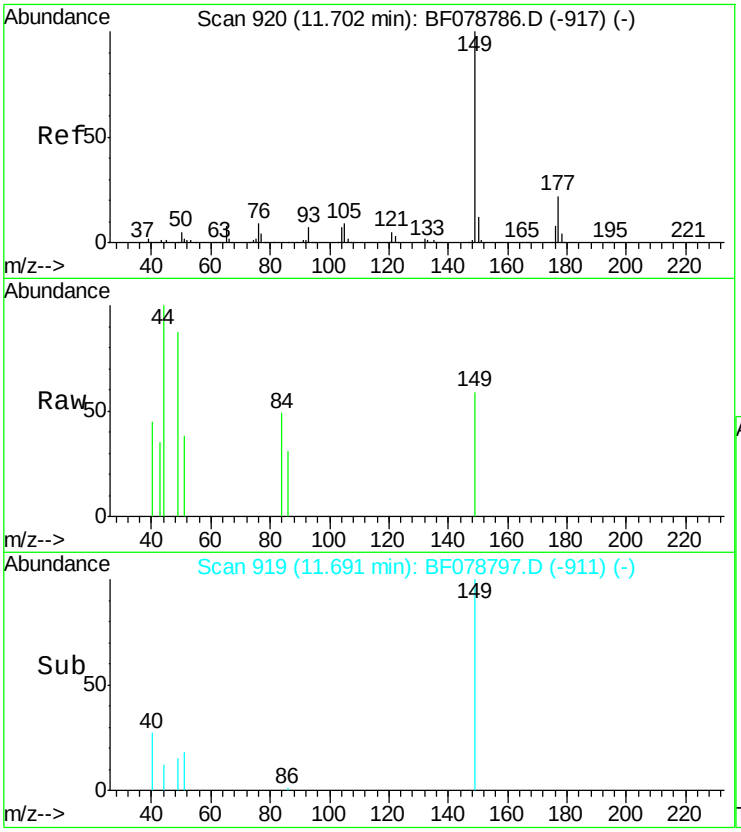


#51
Acenaphthene
Concen: 0.06 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.05 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:154 Resp: 635

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.5	137.3#
152	0.0	44.2	66.4#



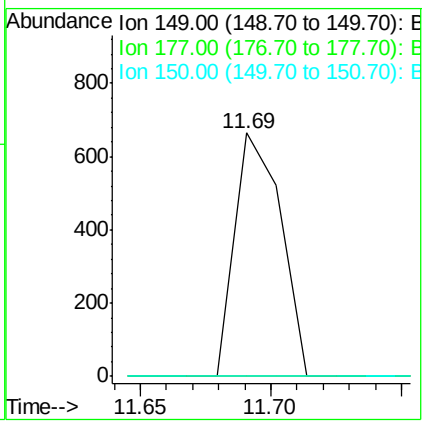


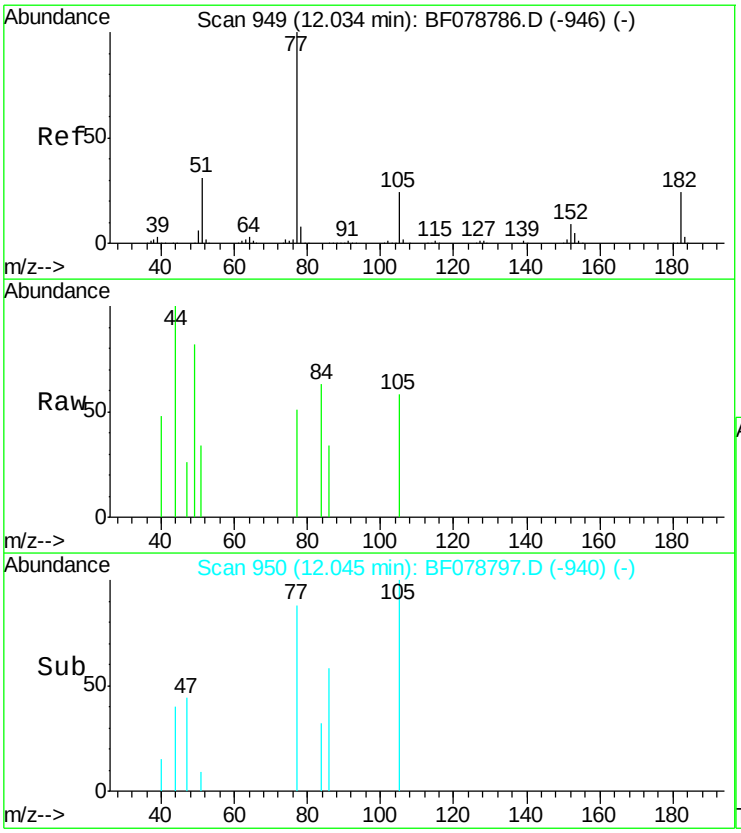
#59
Diethylphthalate
Concen: 0.06 ng
RT: 11.69 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:149 Resp: 813

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.5	26.3#
150	0.0	9.6	14.4#

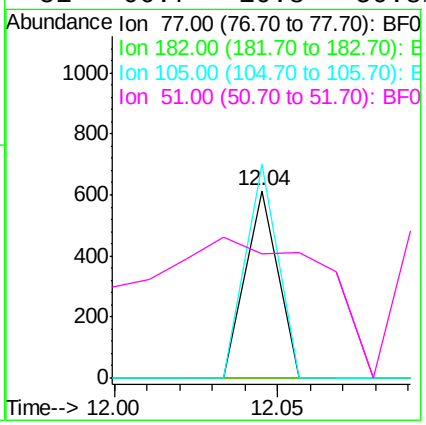


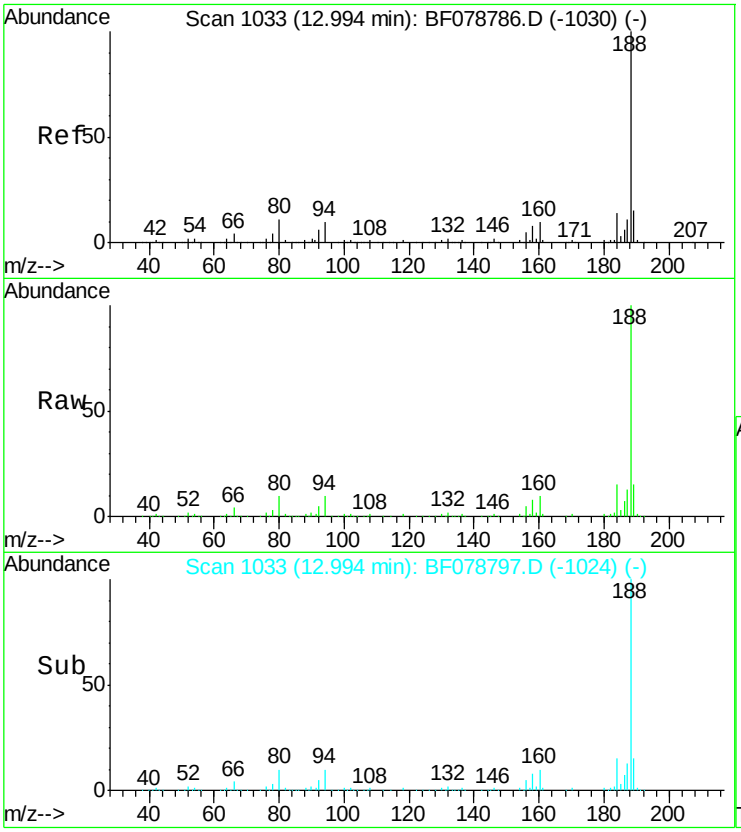


#62
Azobenzene
Concen: 0.03 ng
RT: 12.04 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion: 77 Resp: 420

Ion	Ratio	Lower	Upper
77	100		
182	0.0	3.8	43.8#
105	114.2	3.9	43.9#
51	66.7	10.8	50.8#



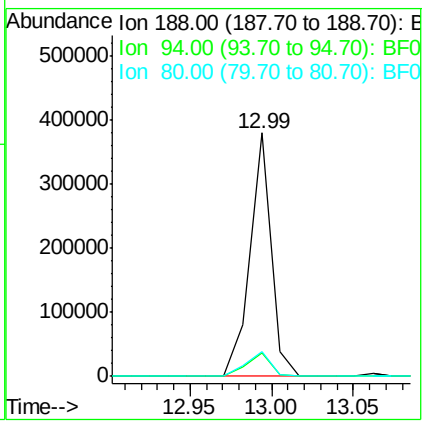


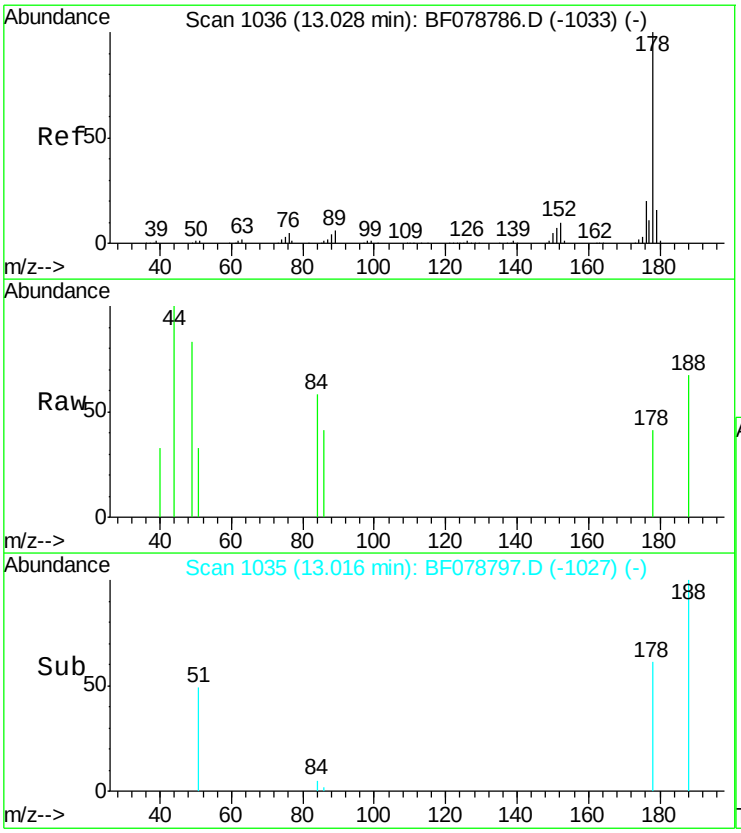
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:188 Resp: 343151

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	10.0	8.9	13.3

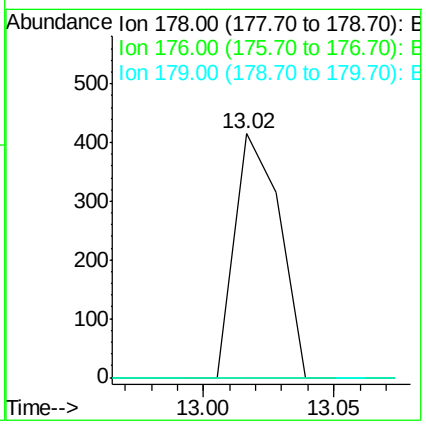


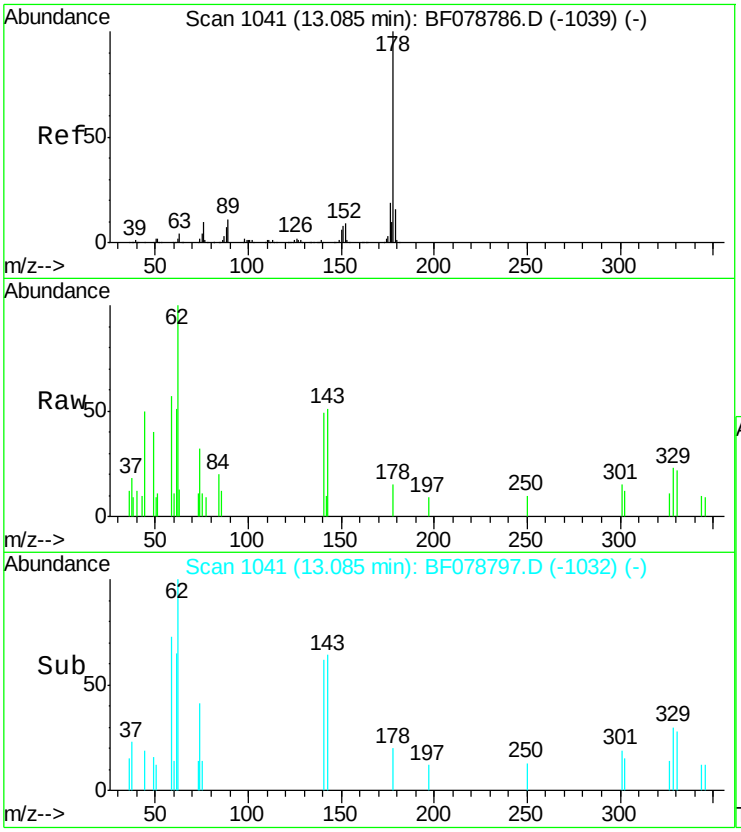


#70
Phenanthrene
Concen: 0.03 ng
RT: 13.02 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:178 Resp: 501

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	0.0	12.5	18.7#



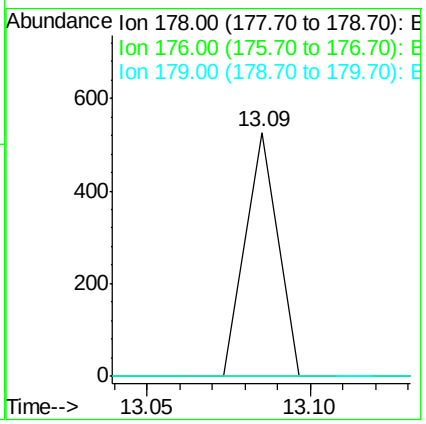


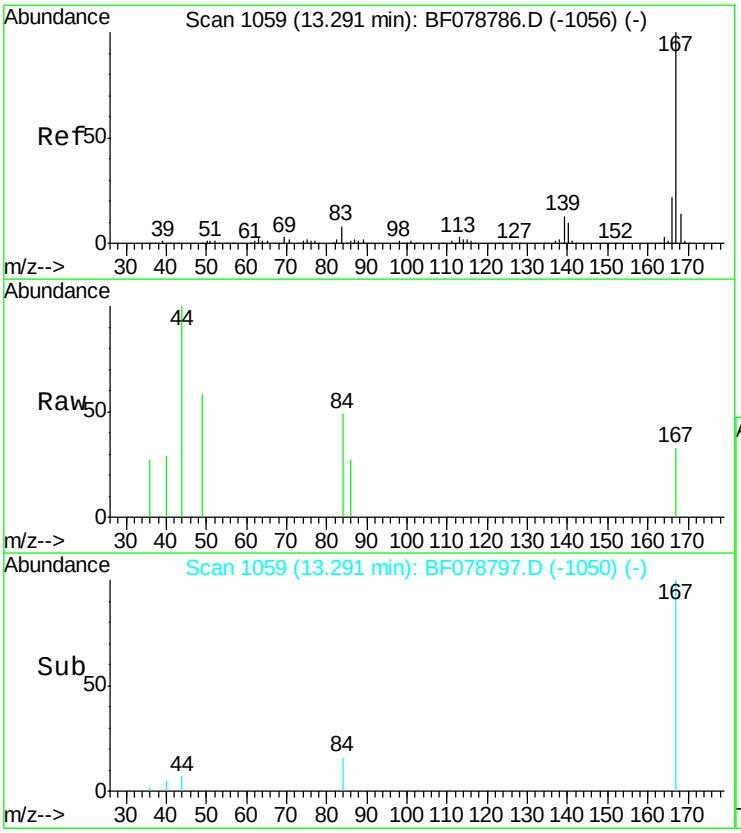
#71
Anthracene
Concen: 0.02 ng
RT: 13.09 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:178 Resp: 361

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	0.0	12.7	19.1#

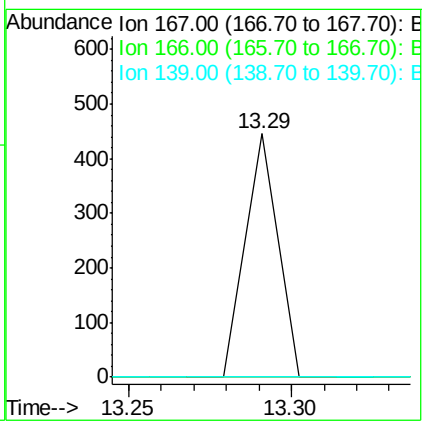


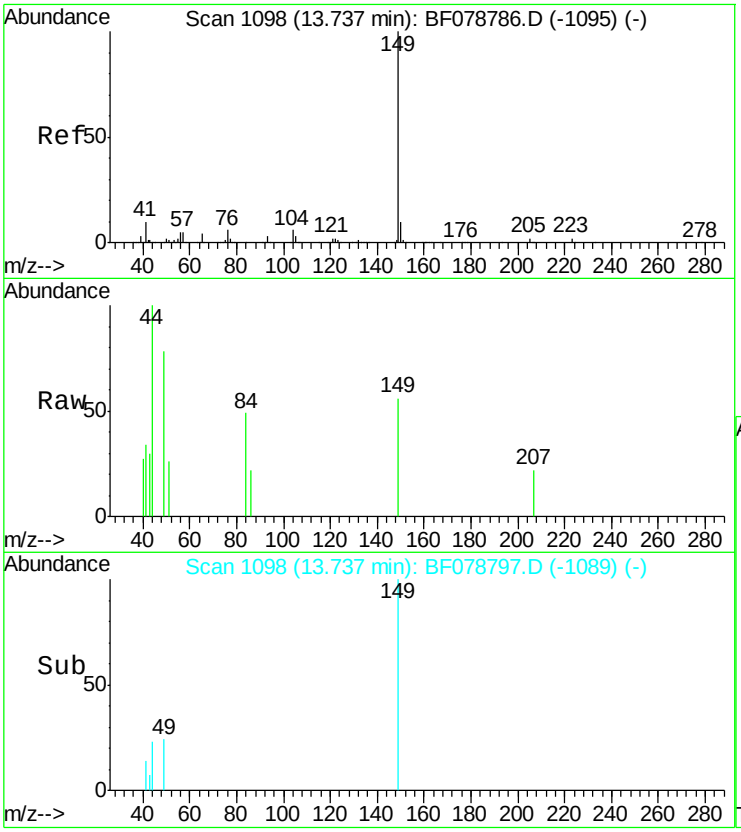


#72
Carbazole
Concen: 0.02 ng
RT: 13.29 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:167 Resp: 306

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.8	26.8#
139	0.0	10.6	16.0#



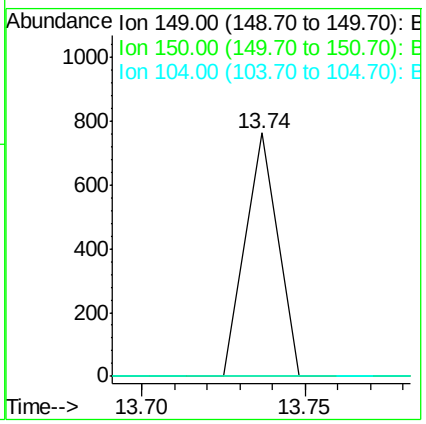


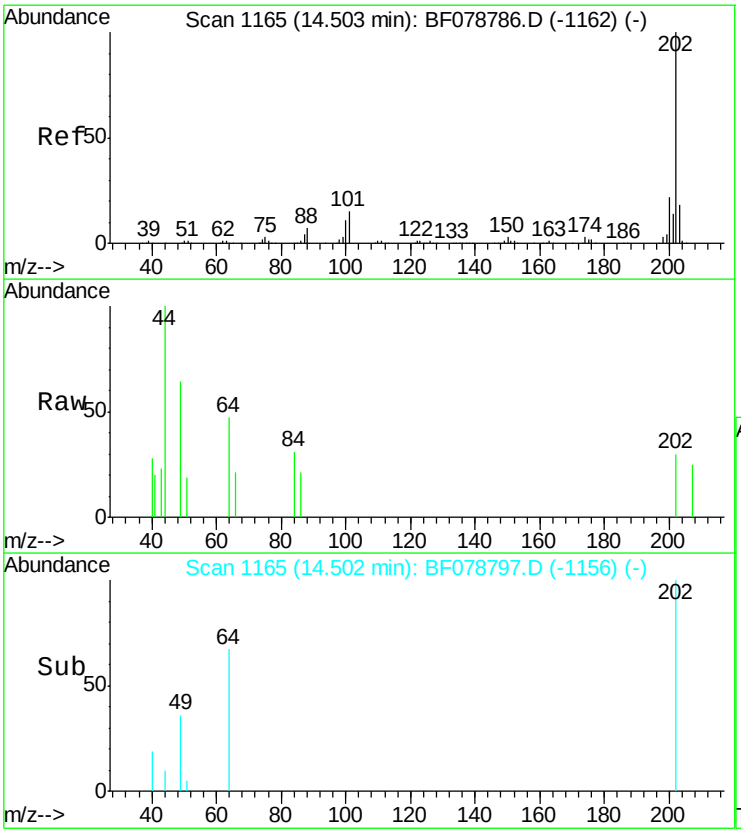
#73
Di-n-butylphthalate
Concen: 2.42 ng
RT: 13.74 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:149 Resp: 524

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.6	7.0#

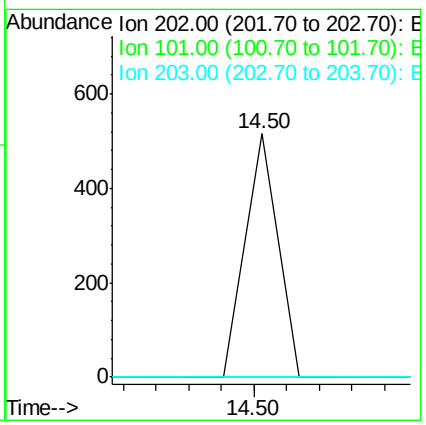


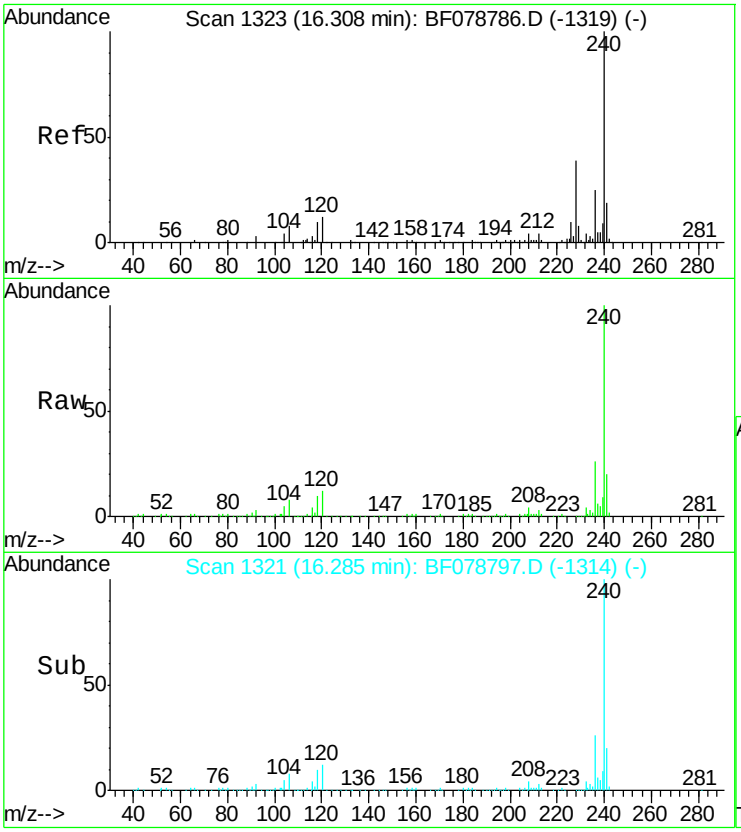


#74
Fluoranthene
Concen: 0.02 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:202 Resp: 354

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.4



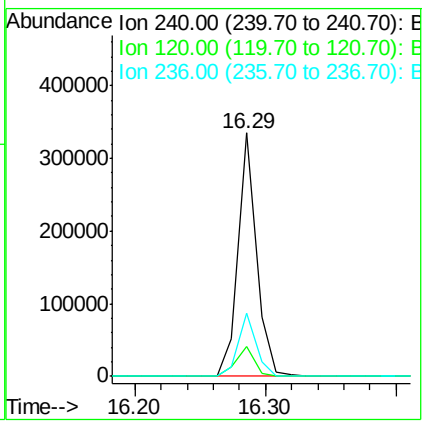


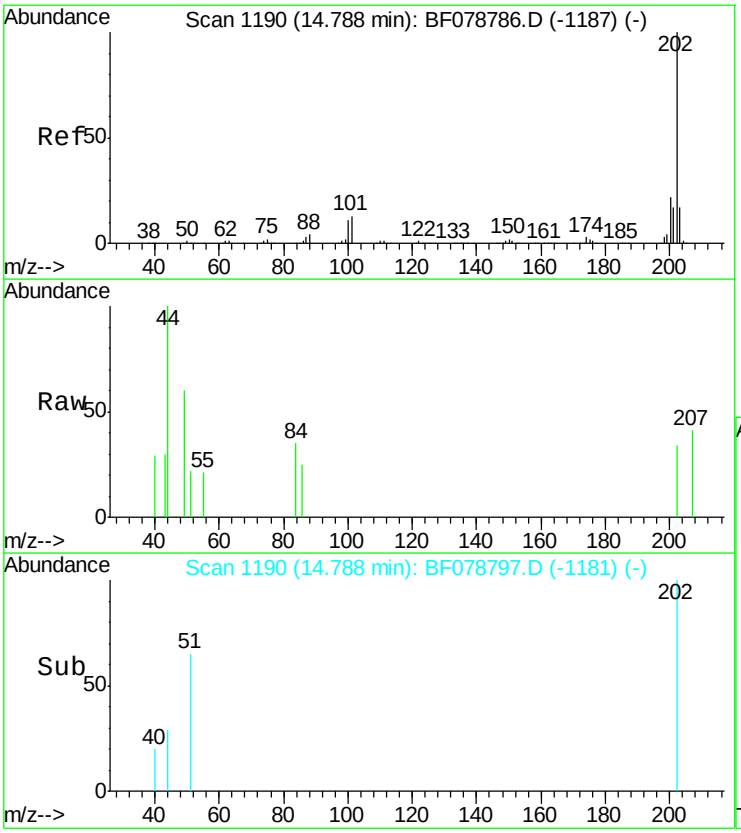
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:240 Resp: 327604

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.7	14.5
236	26.0	20.2	30.4

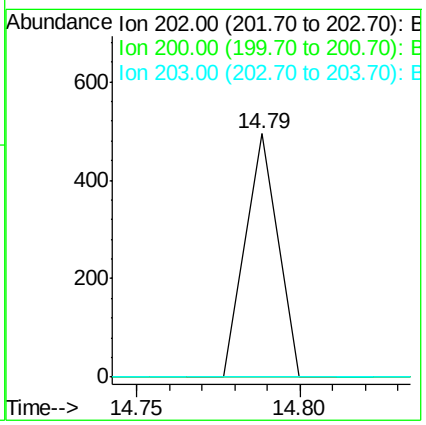


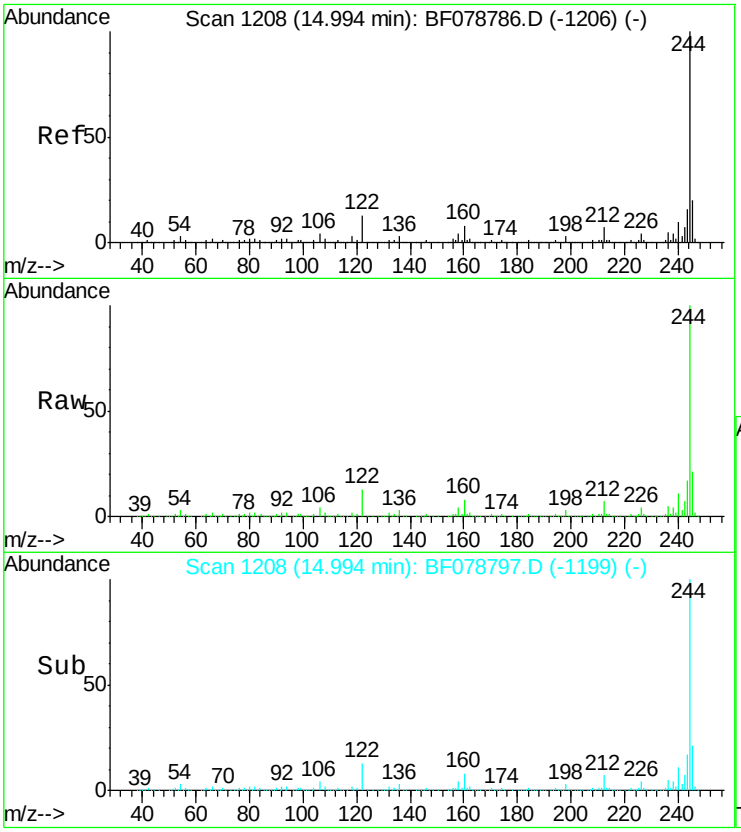


#77
Pyrene
Concen: 0.02 ng
RT: 14.79 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:202 Resp: 339

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.5	26.3#
203	0.0	13.9	20.9#



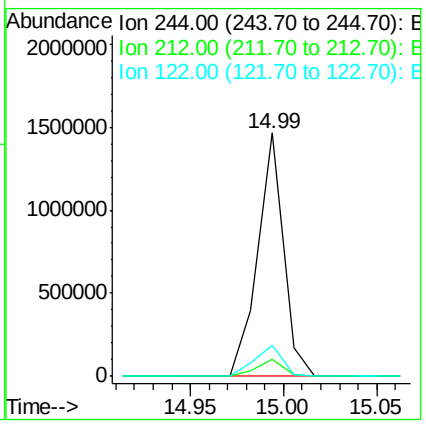


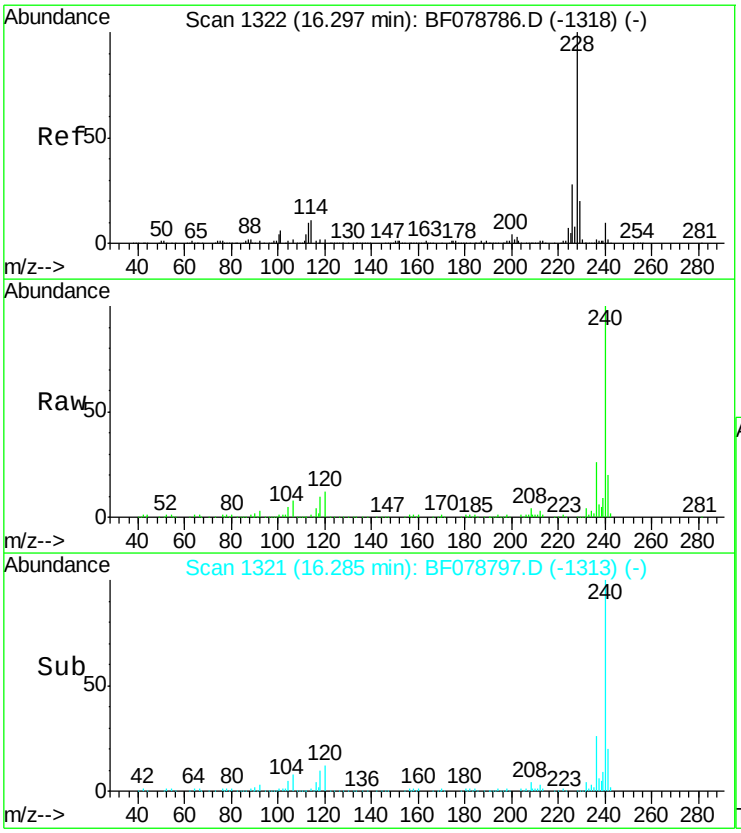
#78
Terphenyl-d14
Concen: 101.98 ng
RT: 14.99 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:244 Resp: 1402843

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.7	10.3	15.5

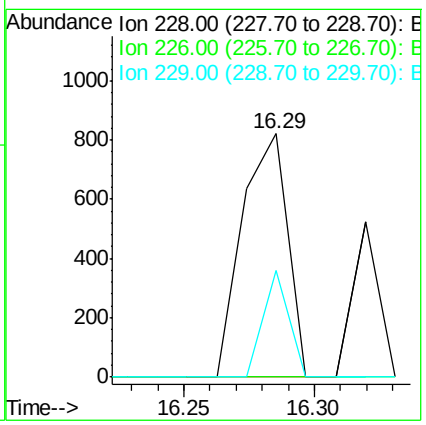


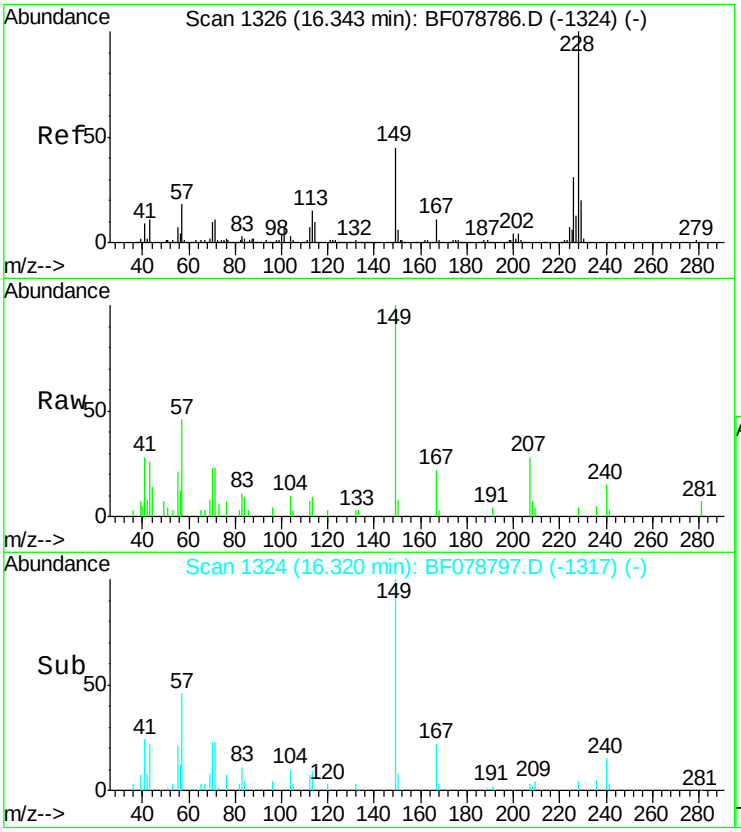


#80
Benzo(a)anthracene
Concen: 0.06 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:228 Resp: 1000

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	43.9	15.9	23.9#



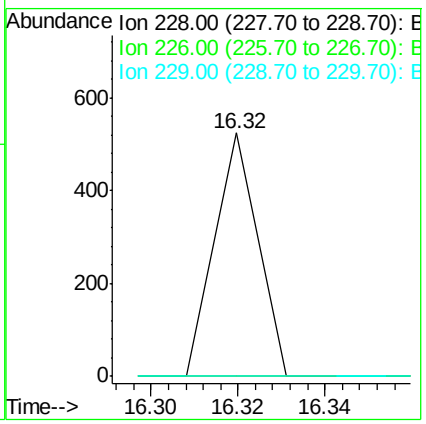


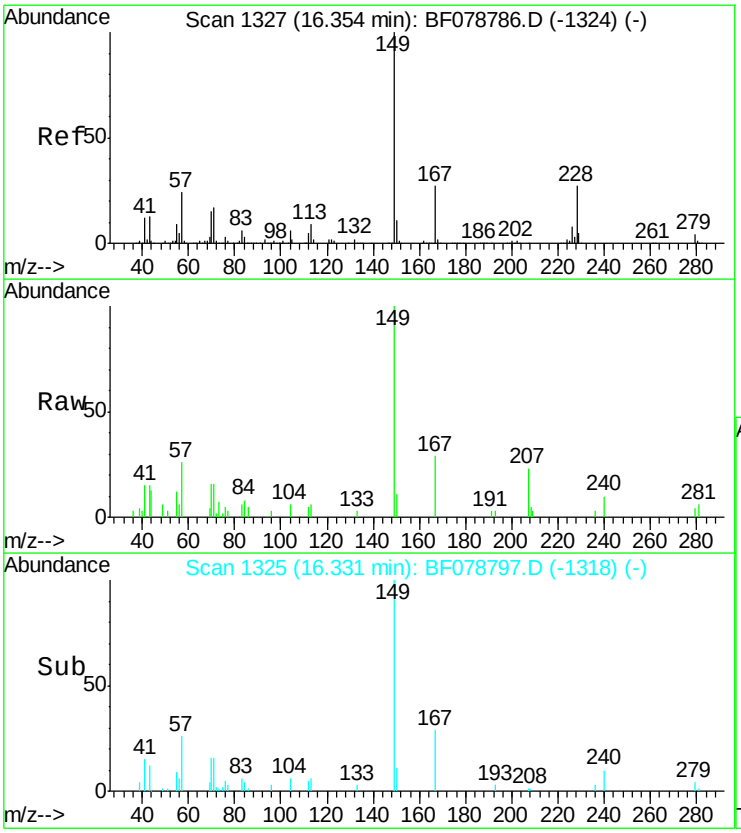
#82
Chrysene
Concen: 0.02 ng
RT: 16.32 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:228 Resp: 359

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	16.0	24.0#

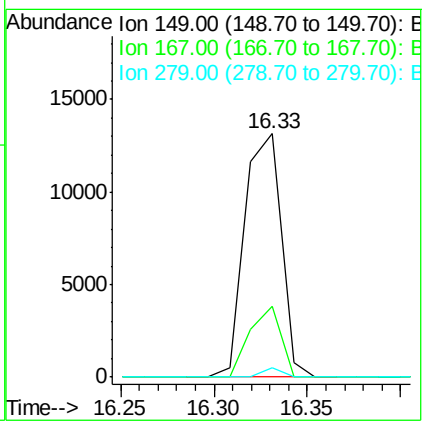


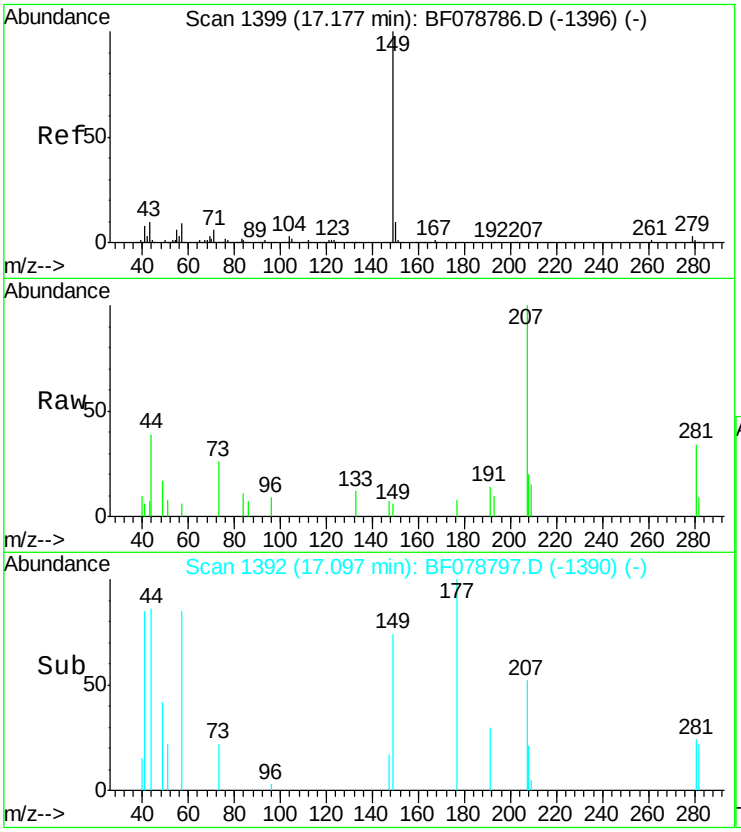


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.23 ng
RT: 16.33 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:149 Resp: 17889

Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.8	32.8
279	3.7	2.9	4.3



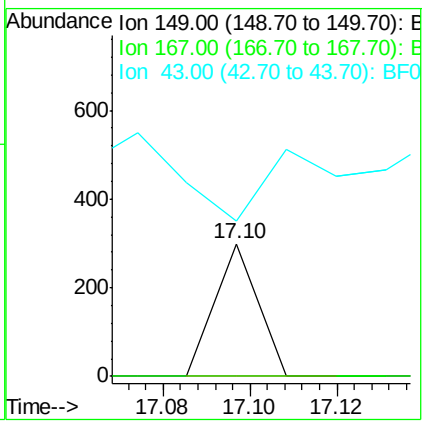


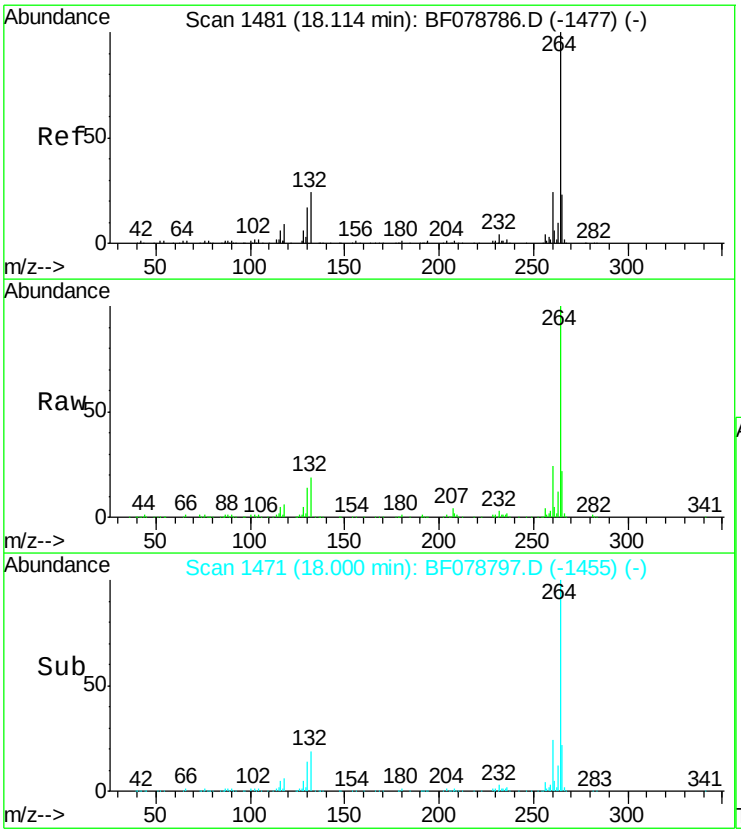
#84
Di-n-octyl phthalate
Concen: 4.95 ng
RT: 17.10 min Scan# 1392
Delta R.T. -0.08 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:149 Resp: 206

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	0.0	0.0	0.0

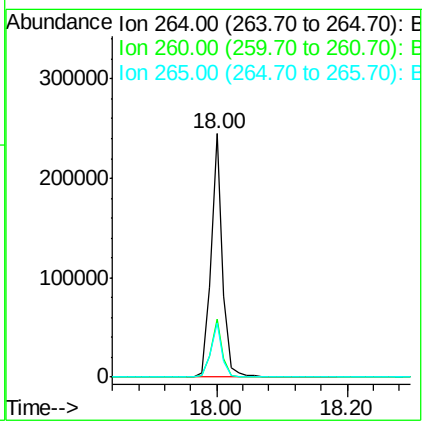


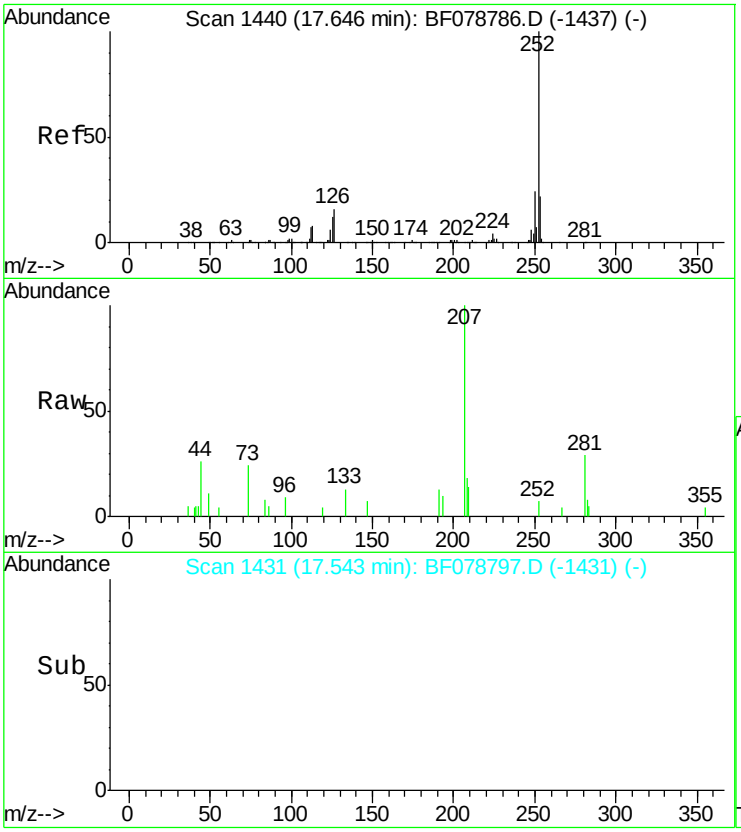


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.00 min Scan# 1471
Delta R.T. -0.11 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:264 Resp: 303911

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.1	18.3	27.5



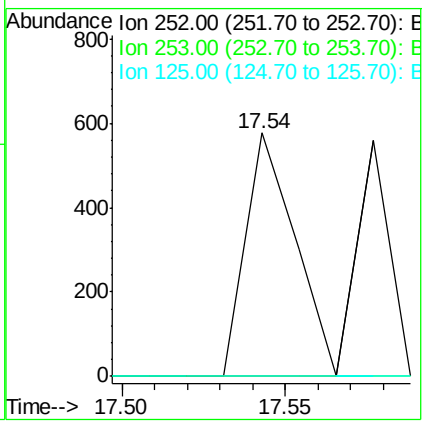


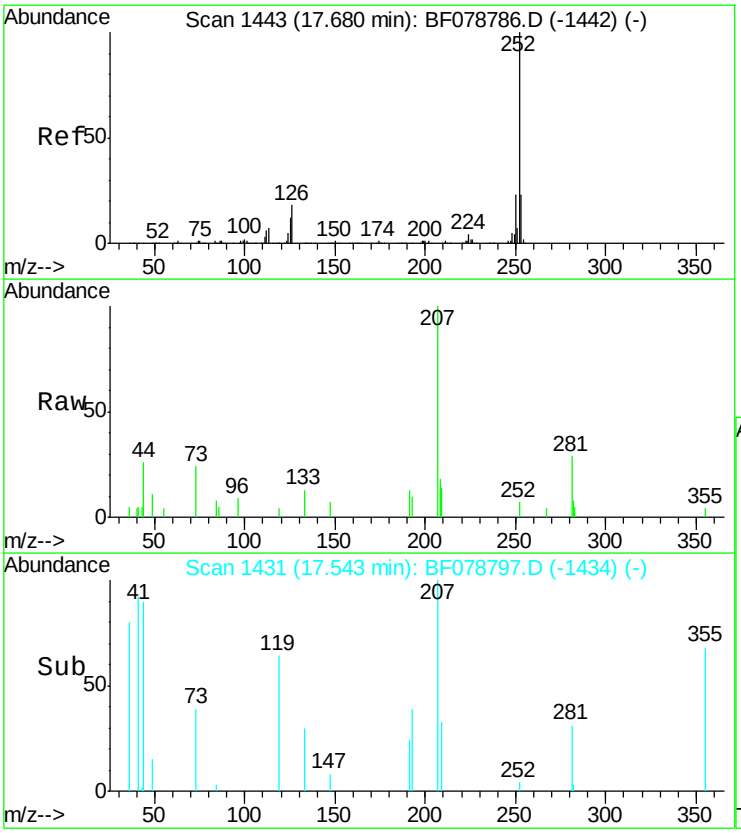
#87
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 17.54 min Scan# 1431
Delta R.T. -0.10 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:252 Resp: 603

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	0.0	9.5	14.3#

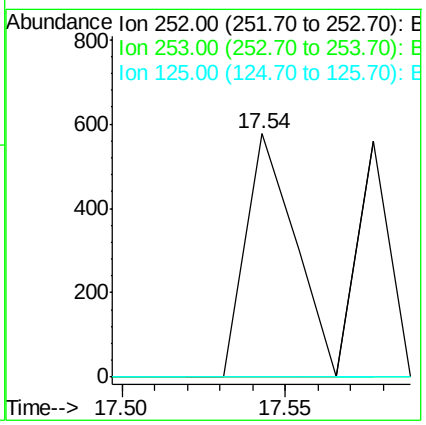


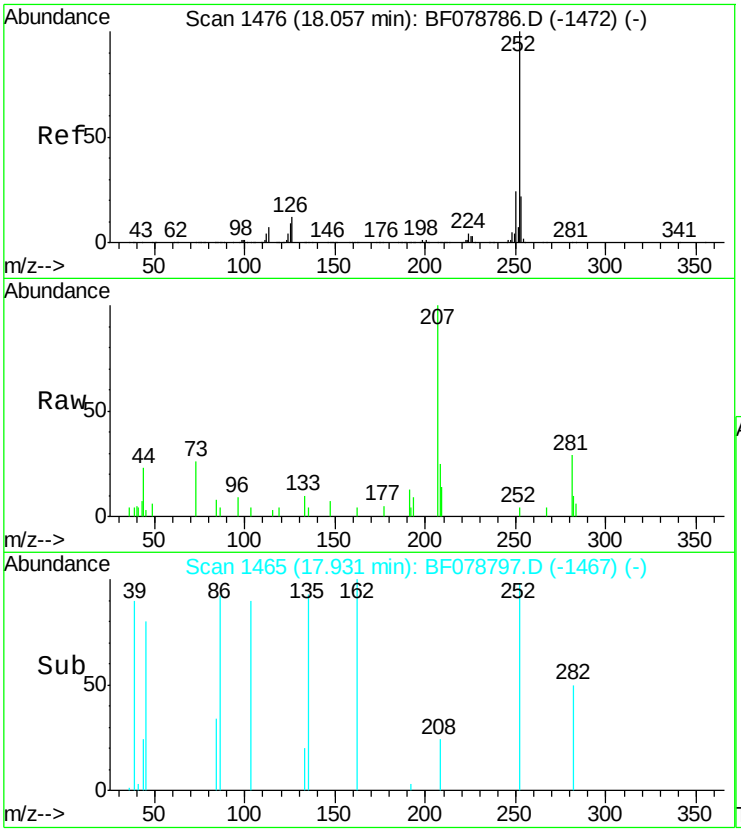


#88
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 17.54 min Scan# 1431
Delta R.T. -0.14 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:252 Resp: 603

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	0.0	10.0	15.0#





#89
Benzo(a)pyrene
Concen: 0.02 ng
RT: 17.93 min Scan# 1465
Delta R.T. -0.13 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tgt Ion:252 Resp: 261

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	0.0	7.0	10.6#