Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF101116\
Data File : BF090506.D
Acq On : 11 Oct 2016 17:14
Operator : UM/SJ
Sample : PB93839BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93839BL

Quant Time: Oct 11 18:19:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	312837	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	1183648	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	652707	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	1096077	20.00	ng		0.00
75) Chrysene-d12	14.13	240	1116765	20.00	ng		0.00
86) Perylene-d12	15.61	264	915279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1632184	81.17	ng		0.01
7) Phenol-d6	6.58	99	2032740	80.11	ng		-0.01
23) Nitrobenzene-d5	7.51	82	1301817	59.65	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	501574	77.52	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	2309125	59.45	ng		0.00
78) Terphenyl-d14	13.08	244	2715496	59.42	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.73	93	2337	0.07	ng	#	1
8) 2-Chlorophenol	6.74	128	682	0.03	ng		94
9) Benzaldehyde	6.58	77	2661	0.17	ng	#	4
10) Phenol	6.73	94	3037	0.11	ng	#	1
11) bis(2-Chloroethyl)ether	6.73	93	2337	0.11	ng	#	1
15) Benzyl Alcohol	7.10	79	19140	0.98	ng	#	53
24) Nitrobenzene	7.51	77	3237	0.14	ng	#	41
25) Isophorone	7.77	82	820	0.02	ng	#	67
31) Naphthalene	8.35	128	1665	0.03	ng	#	1
33) 4-Chloroaniline	8.35	127	248	0.01	ng	#	1
45) 1,1'-Biphenyl	9.32	154	4464	0.09	ng	#	1
51) Acenaphthene	9.99	154	2375	0.06	ng	#	5
59) Diethylphthalate	10.41	149	2315	0.05	ng	#	55
62) Azobenzene	10.78	77	2267	0.05	ng	#	12
65) n-Nitrosodiphenylamine	10.78	169	16328	0.46	ng	#	41
70) Phenanthrene	11.48	178	261	0.00	ng	#	1
71) Anthracene	11.59	178	305	0.00	ng	#	58
72) Carbazole	11.58	167	346	0.01	ng	#	1
73) Di-n-butylphthalate	12.03	149	15646	0.22	ng	#	95
74) Fluoranthene	12.69	202	208	0.00	ng		59
79) Butylbenzylphthalate	13.54	149	625	0.02	ng	#	87
80) Benzo(a)anthracene	14.13	228	2932	0.04	ng	#	54
82) Chrysene	14.13	228	2932	0.05	ng	#	52
83) Bis(2-ethylhexyl)phthalate	14.10	149	11112	0.23	ng	#	98
84) Di-n-octyl phthalate	14.72	149	292	0.00	ng	#	67
87) Benzo(b)fluoranthene	15.16	252	520	0.01	ng	#	59
88) Benzo(k)fluoranthene	15.16	252	520	0.01	ng	#	57
89) Benzo(a)pyrene	15.61	252	2822	0.05	ng	#	82

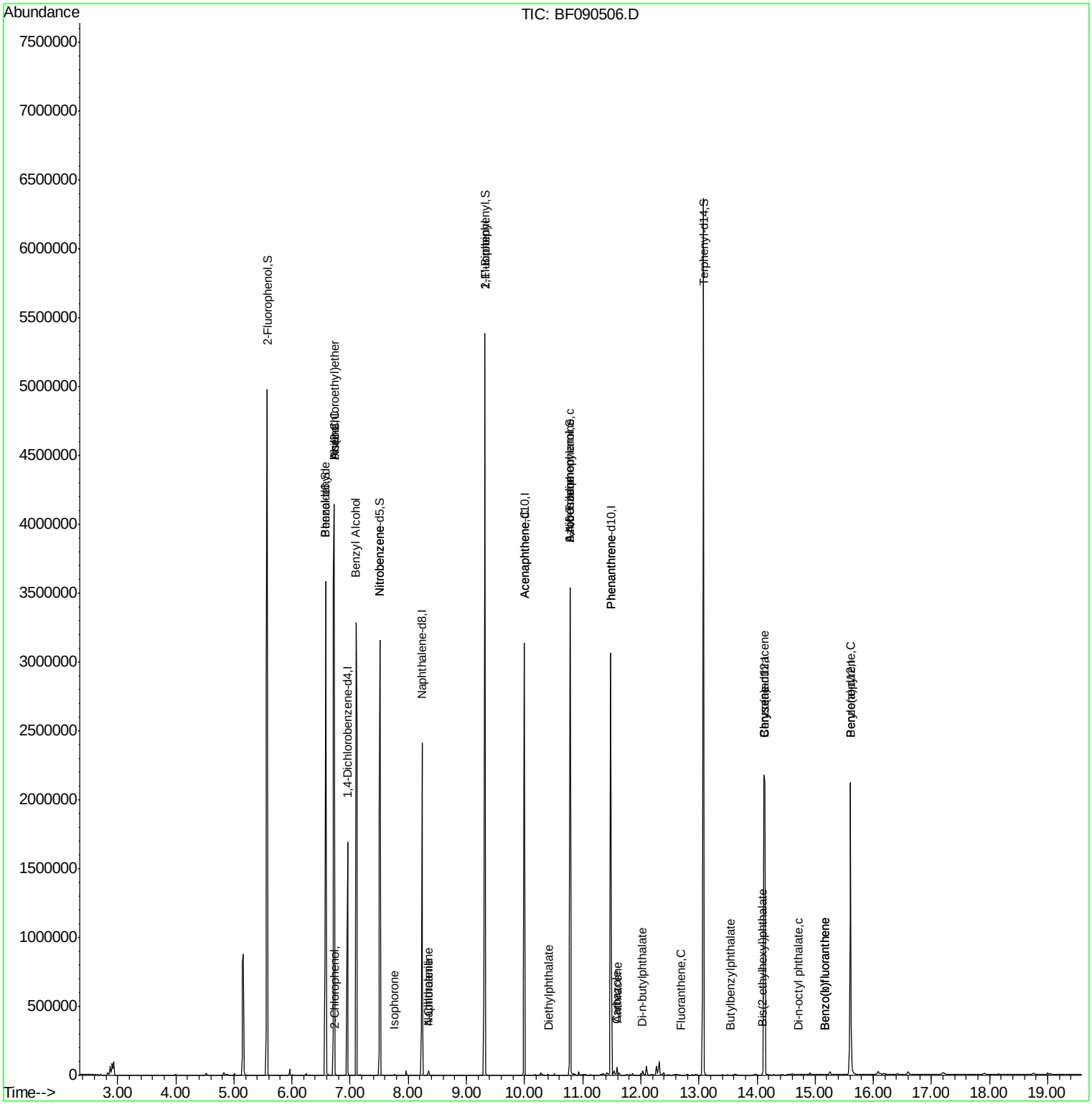
(#) = qualifier out of range (m) = manual integration (+) = signals summed

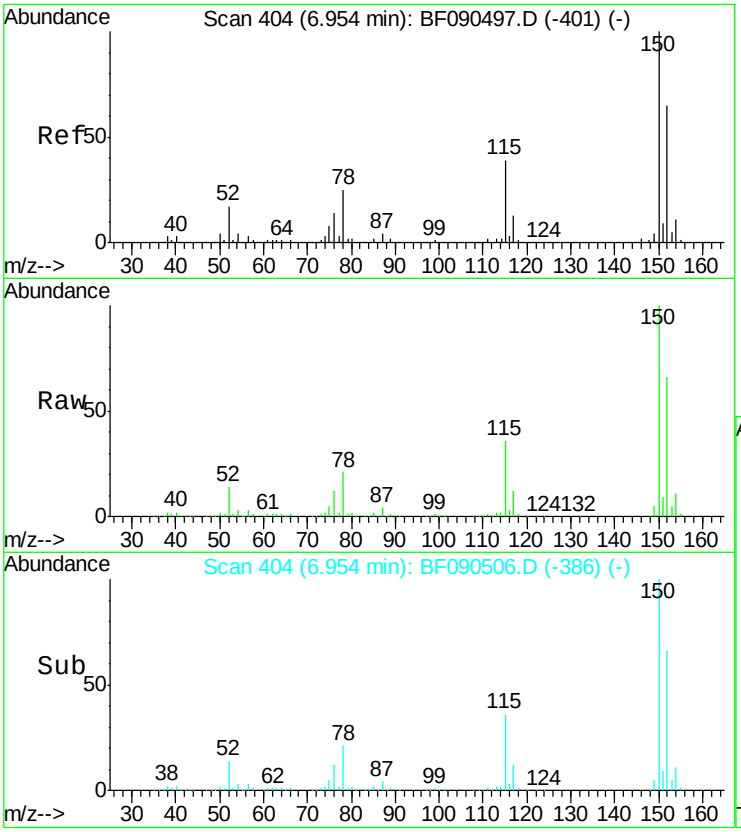
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF101116\
Data File : BF090506.D
Acq On : 11 Oct 2016 17:14
Operator : UM/SJ
Sample : PB93839BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93839BL

Quant Time: Oct 11 18:19:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration



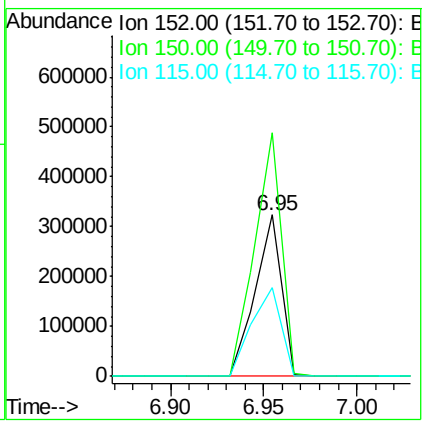


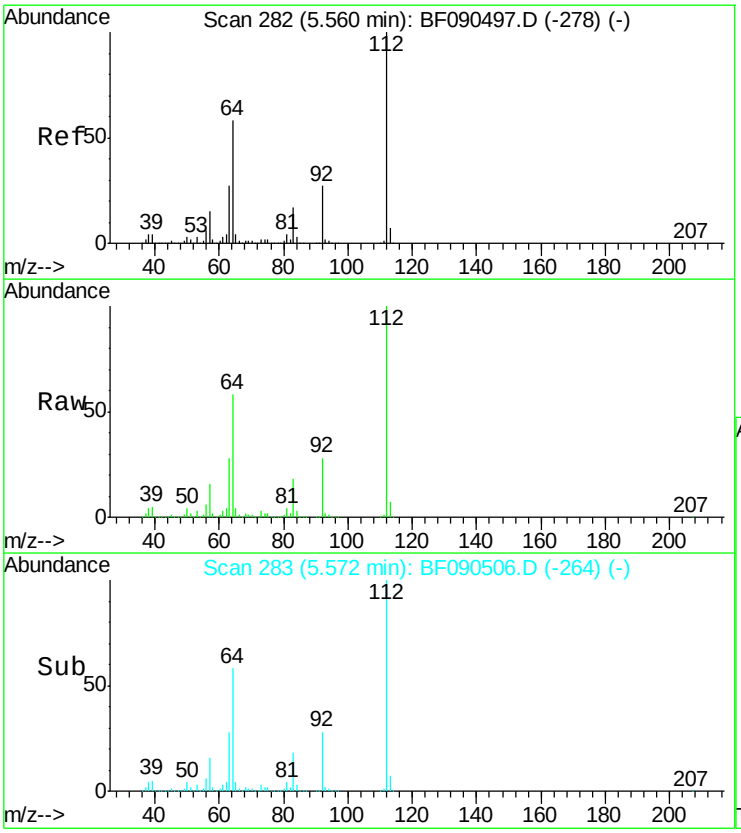
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:152 Resp: 312837

Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.6	186.8
115	54.9	46.2	69.4

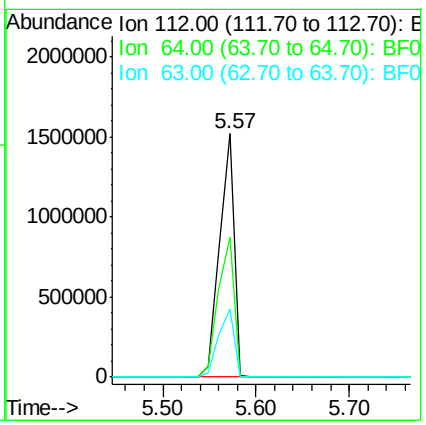


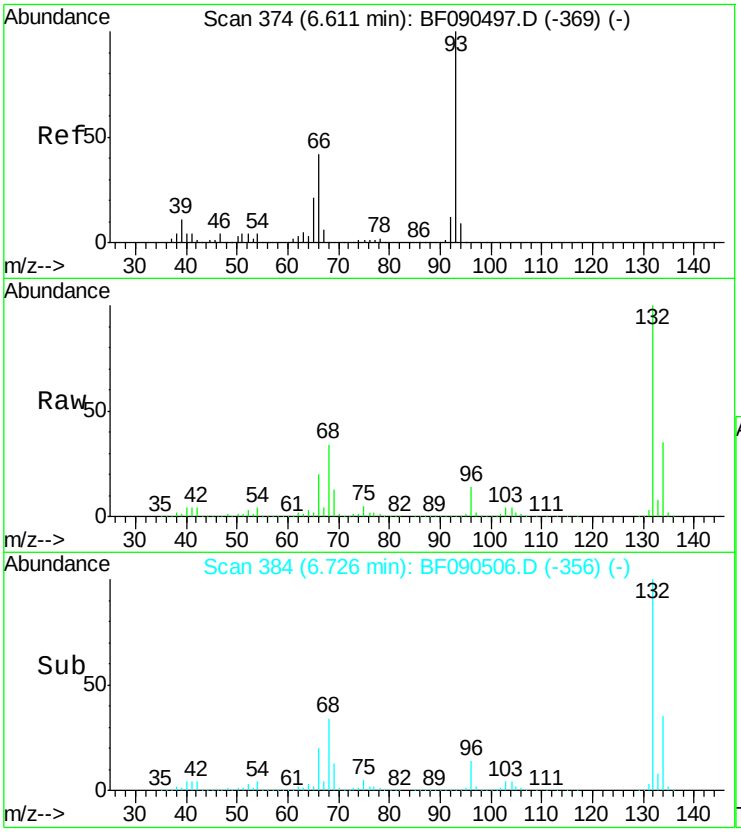


#5
2-Fluorophenol
Concen: 81.17 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:112 Resp: 1632184

Ion	Ratio	Lower	Upper
112	100		
64	57.5	57.9	86.9#
63	28.0	29.6	44.4#



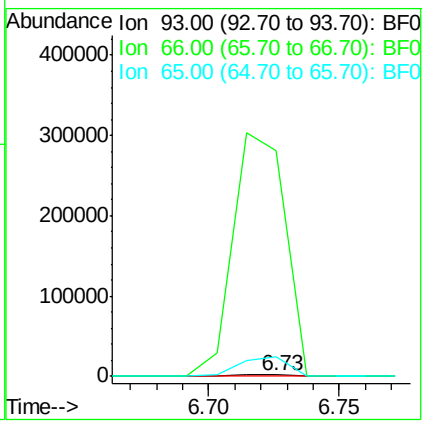


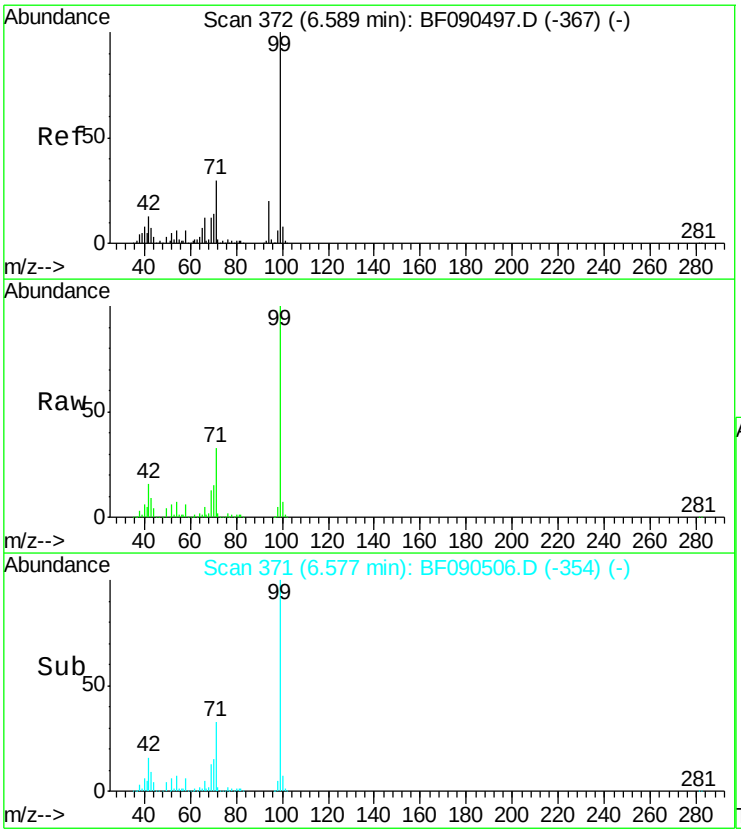
#6
Aniline
Concen: 0.07 ng
RT: 6.73 min Scan# 384
Delta R.T. 0.11 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion: 93 Resp: 2337

Ion	Ratio	Lower	Upper
93	100		
66	14741.4	34.5	51.7#
65	1246.9	18.2	27.2#

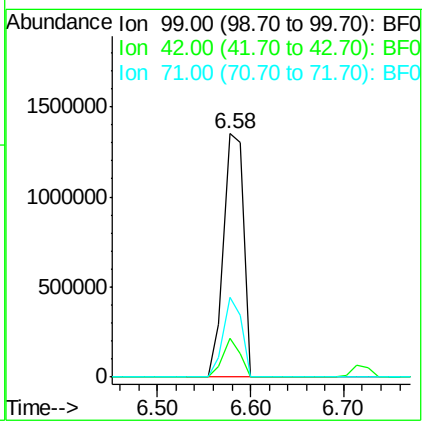


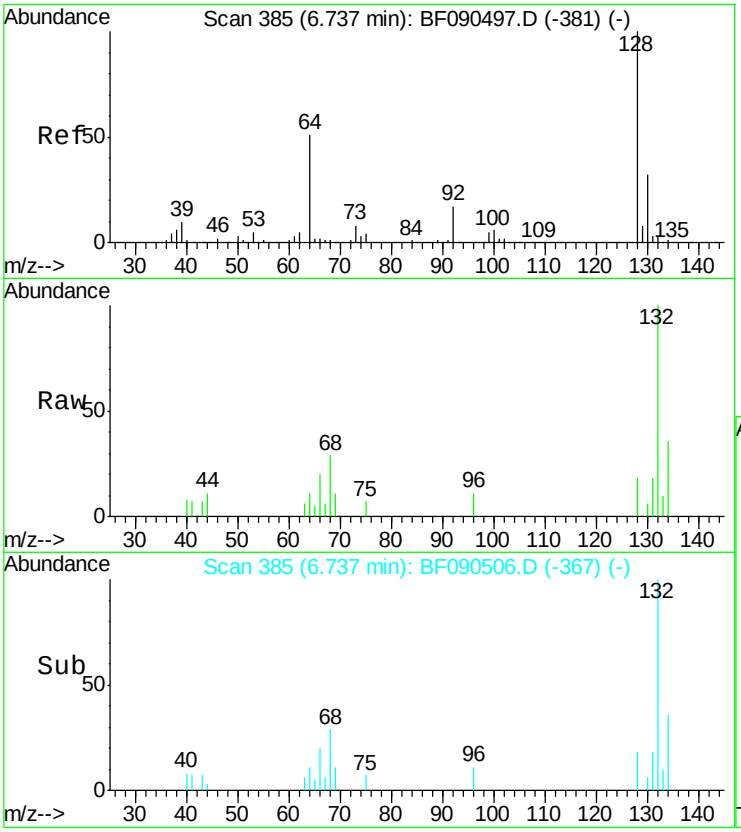


#7
Phenol-d6
Concen: 80.11 ng
RT: 6.58 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion: 99 Resp: 2032740

Ion	Ratio	Lower	Upper
99	100		
42	15.9	20.0	30.0#
71	32.6	27.9	41.9



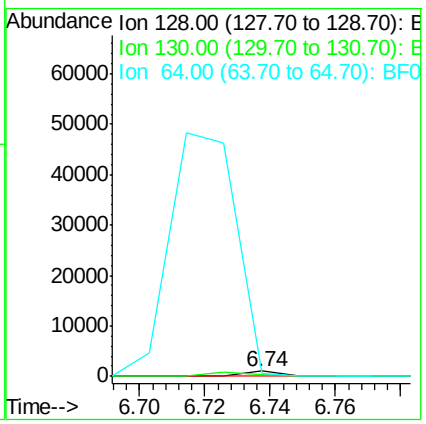


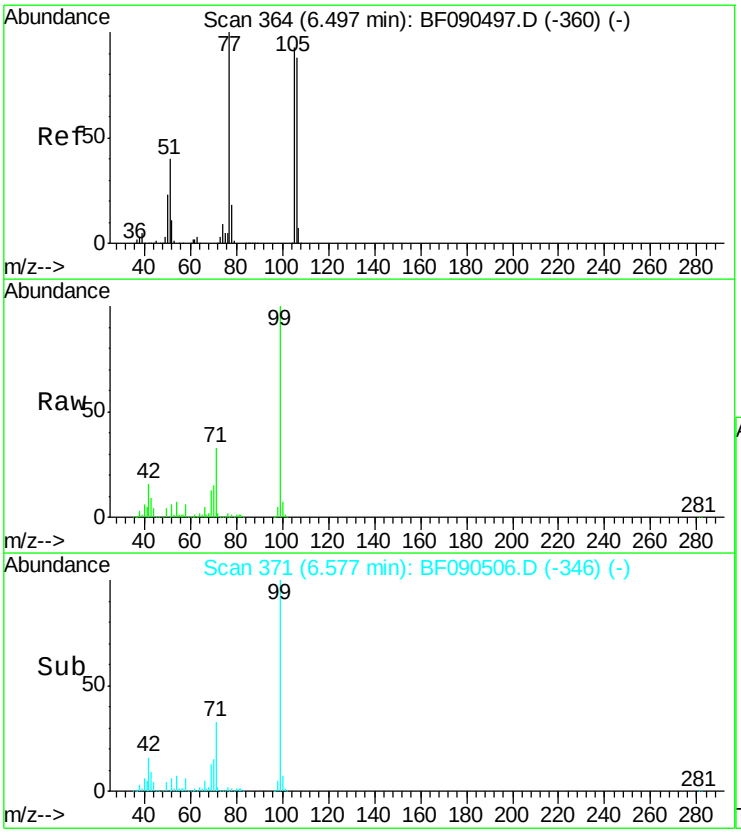
#8
2-Chlorophenol
Concen: 0.03 ng
RT: 6.74 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:128 Resp: 682

Ion	Ratio	Lower	Upper
128	100		
130	35.5	13.3	53.3
64	60.8	36.0	76.0

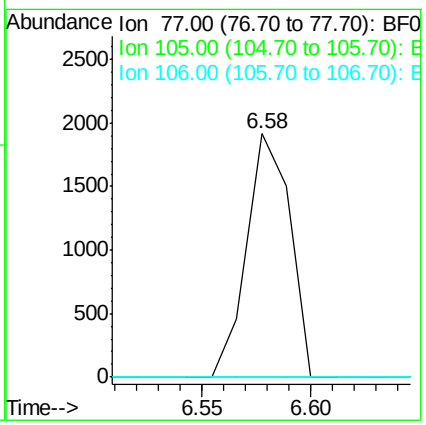


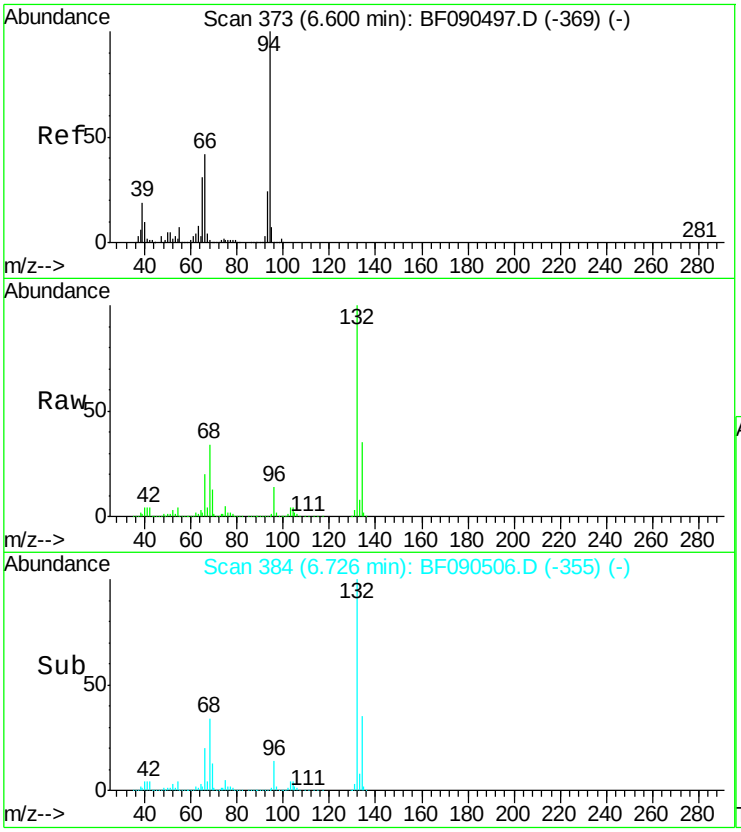


#9
Benzaldehyde
Concen: 0.17 ng
RT: 6.58 min Scan# 371
Delta R.T. 0.08 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion: 77 Resp: 2661

Ion	Ratio	Lower	Upper
77	100		
105	0.0	73.1	113.1#
106	0.0	70.2	110.2#



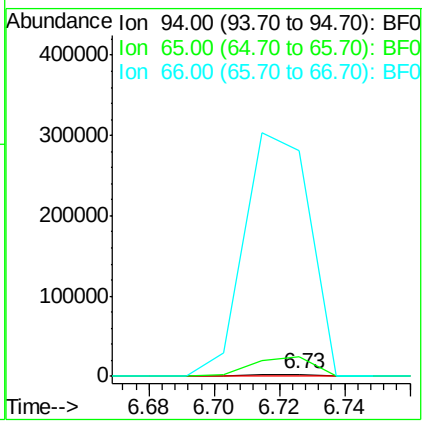


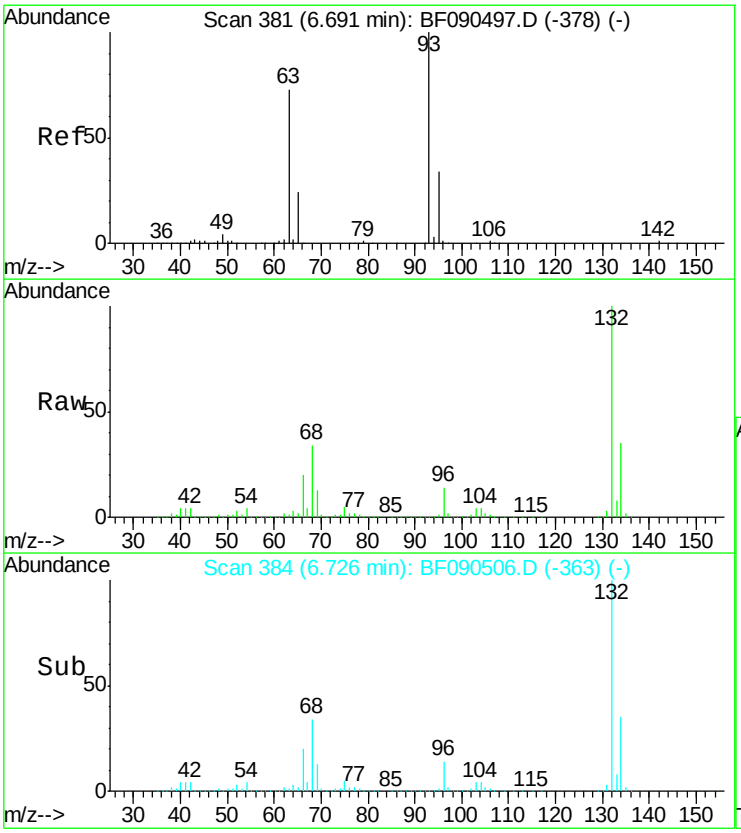
#10
Phenol
Concen: 0.11 ng
RT: 6.73 min Scan# 384
Delta R.T. 0.13 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion: 94 Resp: 3037

Ion	Ratio	Lower	Upper
94	100		
65	964.4	13.3	53.3#
66	11401.9	20.4	60.4#

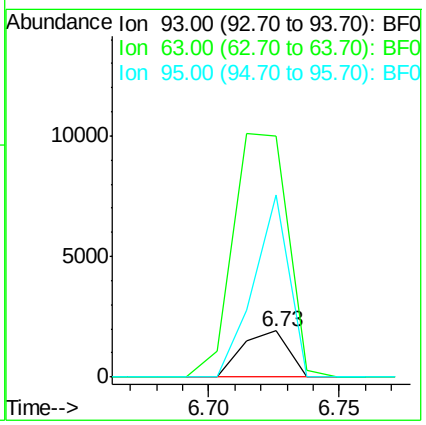


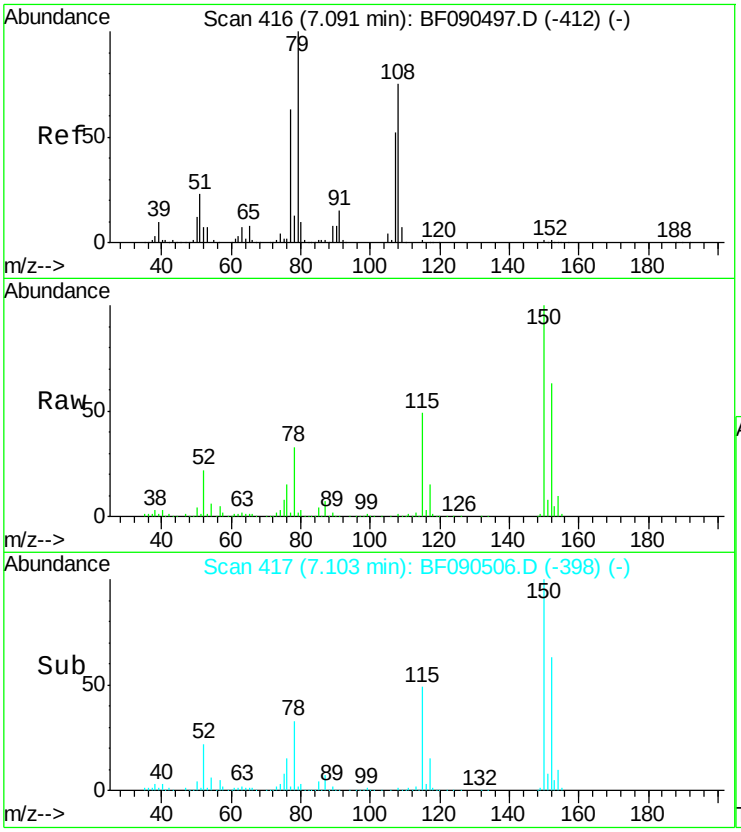


#11
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 6.73 min Scan# 384
Delta R.T. 0.03 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion: 93 Resp: 2337

Ion	Ratio	Lower	Upper
93	100		
63	524.0	59.7	99.7#
95	394.6	14.0	54.0#



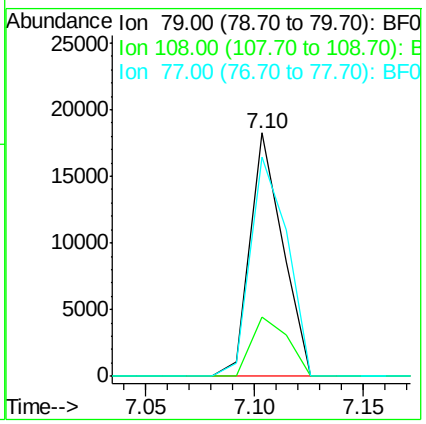


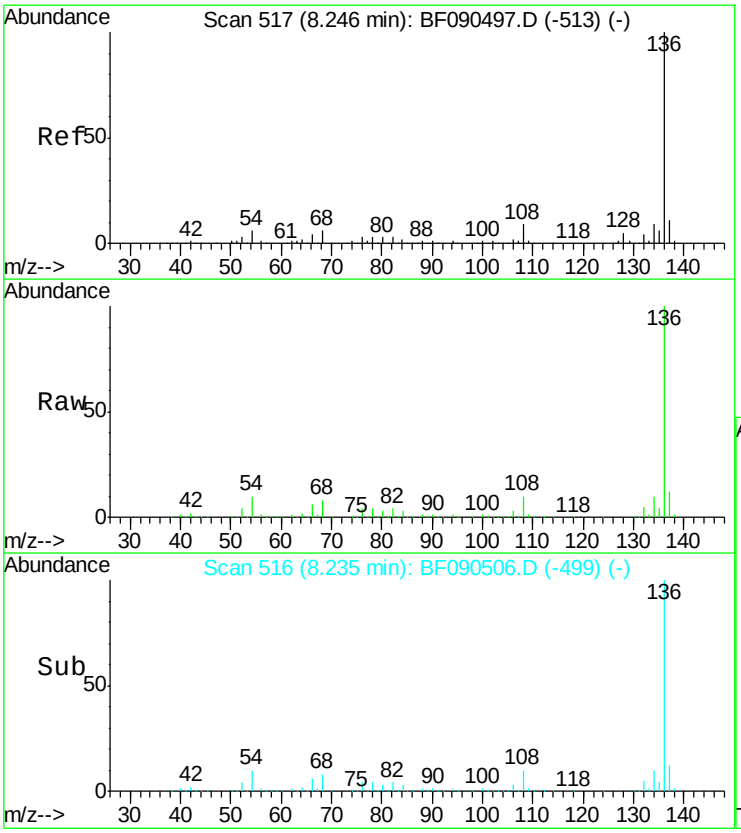
#15
Benzyl Alcohol
Concen: 0.98 ng
RT: 7.10 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion: 79 Resp: 19140

Ion	Ratio	Lower	Upper
79	100		
108	24.5	60.9	91.3#
77	89.8	51.5	77.3#

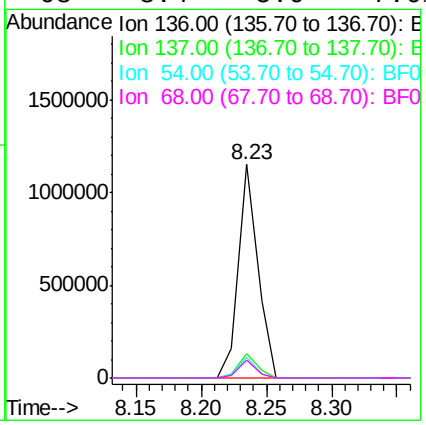


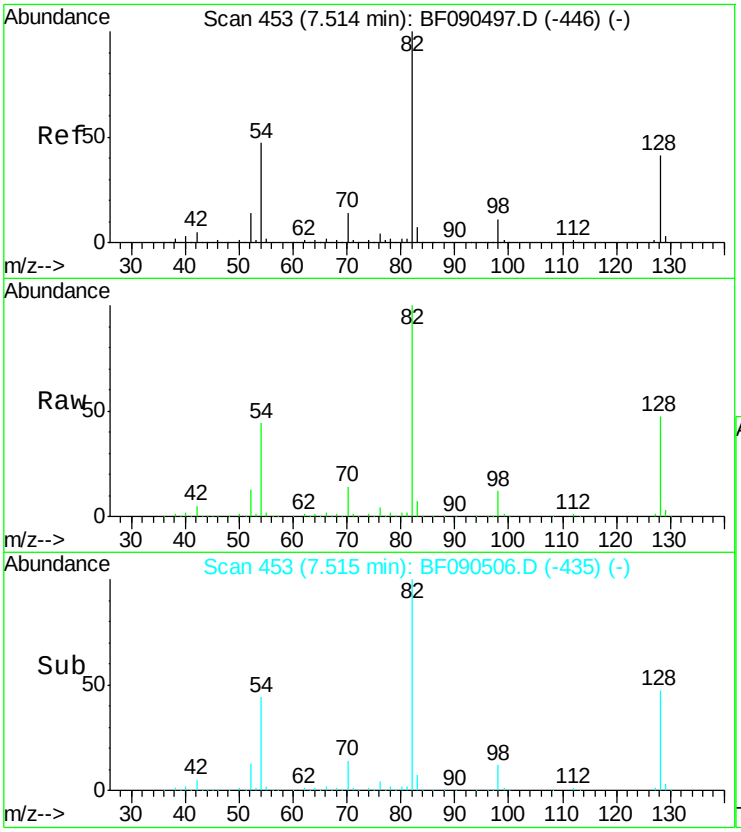


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:136 Resp: 1183648

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	9.6	6.6	10.0
68	8.4	5.0	7.6#



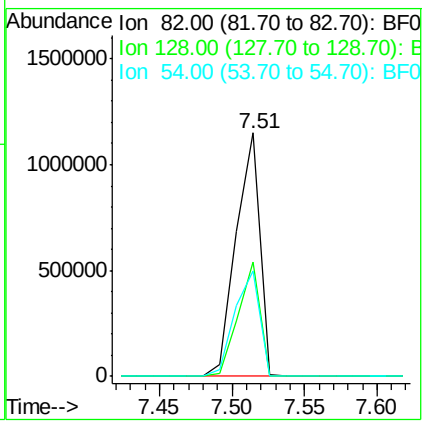


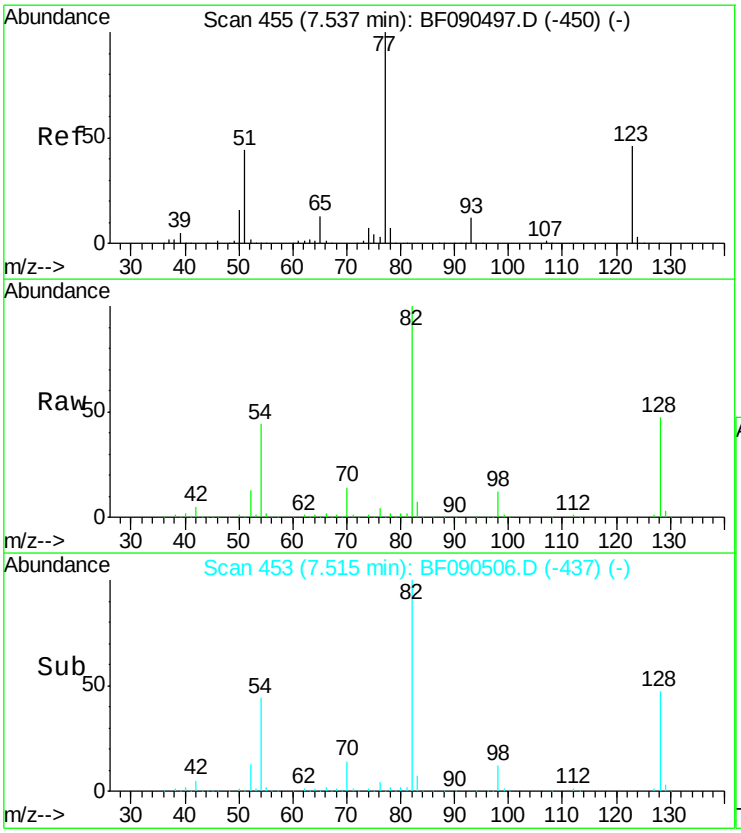
#23
Nitrobenzene-d5
Concen: 59.65 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion: 82 Resp: 1301817

Ion	Ratio	Lower	Upper
82	100		
128	47.2	40.0	60.0
54	43.5	42.6	64.0

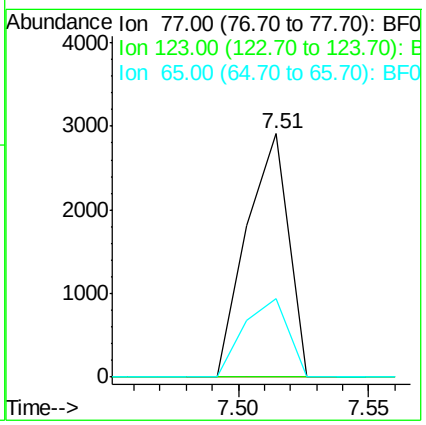


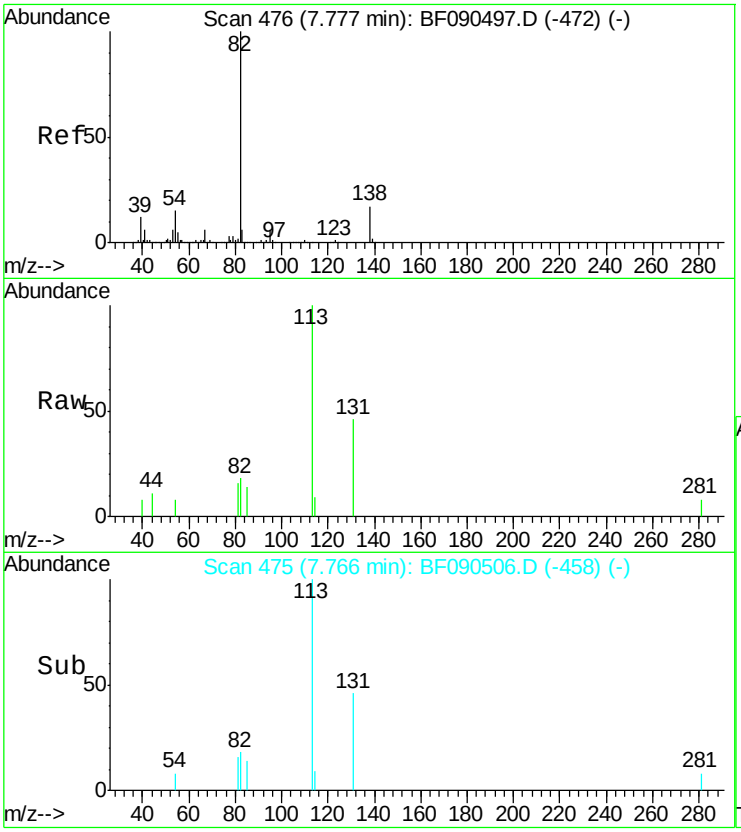


#24
Nitrobenzene
Concen: 0.14 ng
RT: 7.51 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion: 77 Resp: 3237

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	32.2	12.0	18.0#



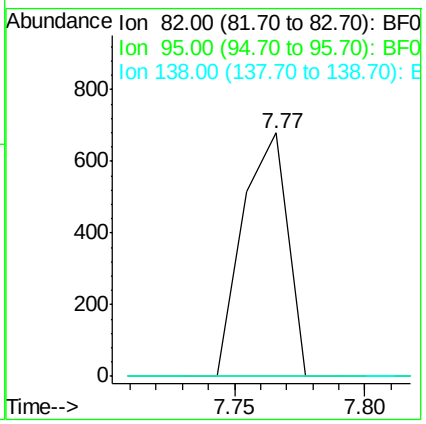


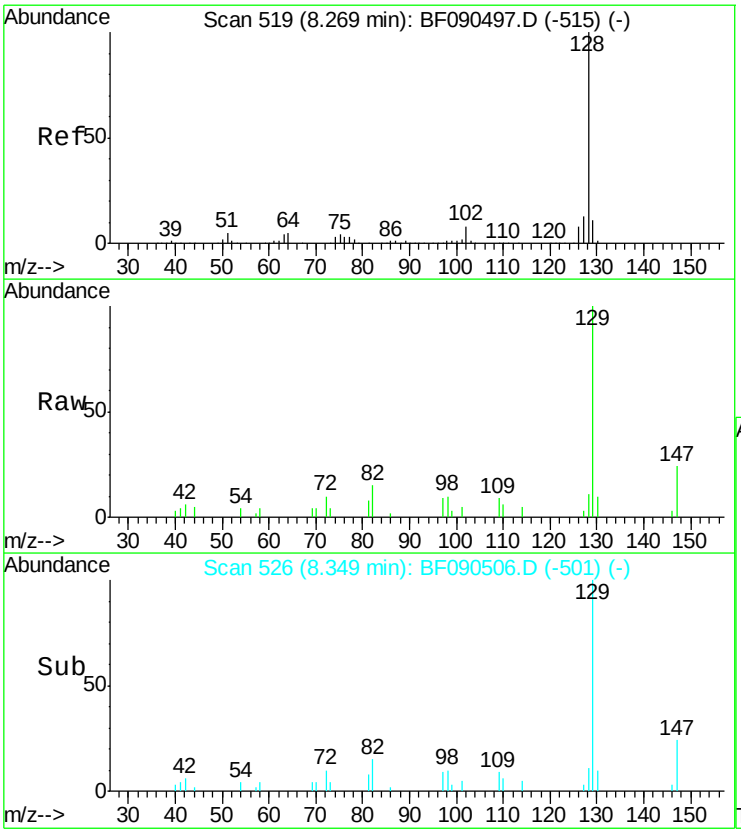
#25
Isophorone
Concen: 0.02 ng
RT: 7.77 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion: 82 Resp: 820

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.0	19.4#

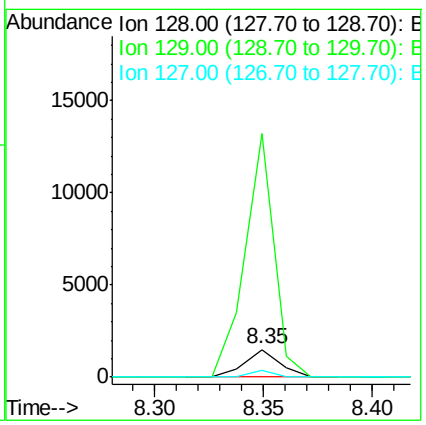


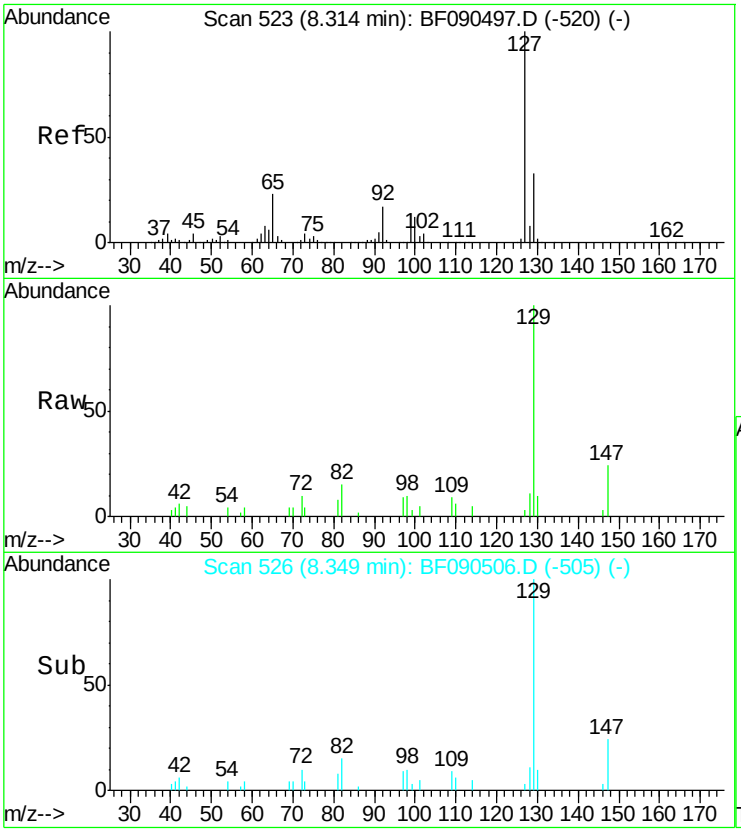


#31
Naphthalene
Concen: 0.03 ng
RT: 8.35 min Scan# 526
Delta R.T. 0.08 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:128 Resp: 1665

Ion	Ratio	Lower	Upper
128	100		
129	876.1	9.7	14.5#
127	24.0	11.7	17.5#



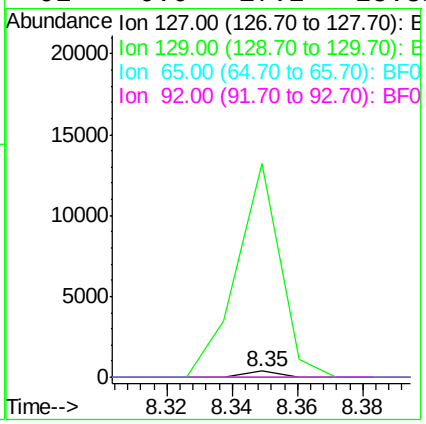


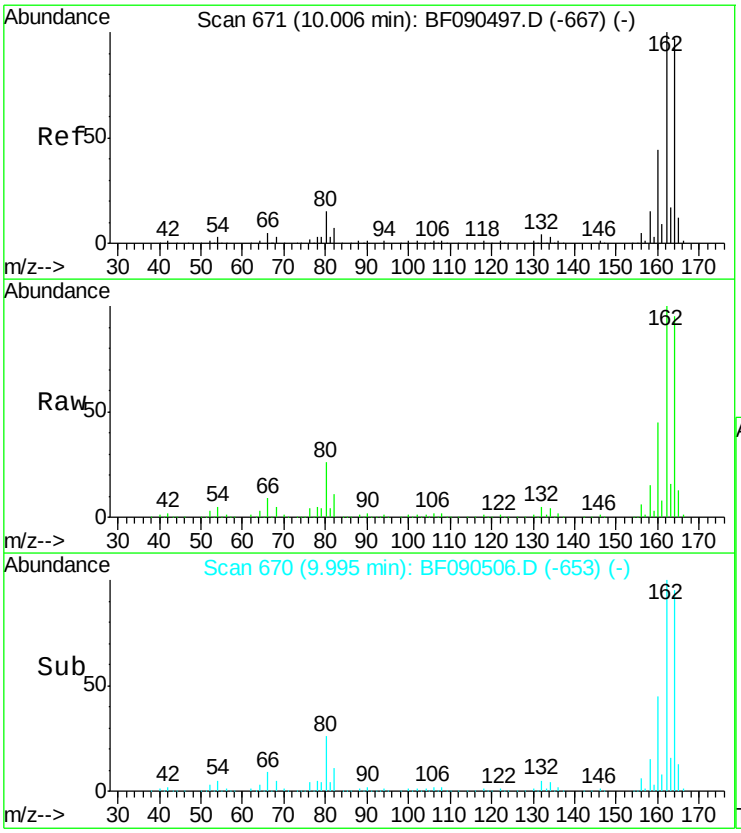
#33
4-Chloroaniline
Concen: 0.01 ng
RT: 8.35 min Scan# 526
Delta R.T. 0.03 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:127 Resp: 248

Ion	Ratio	Lower	Upper
127	100		
129	3649.7	26.2	39.4#
65	0.0	32.5	48.7#
92	0.0	17.2	25.8#

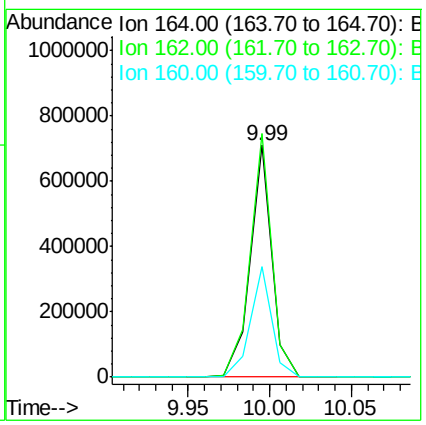


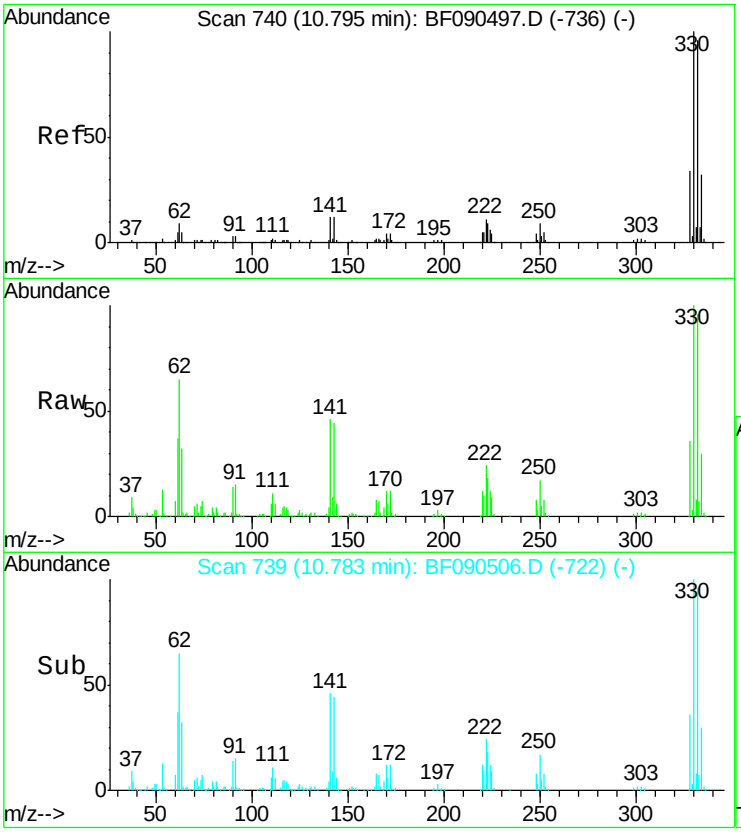


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:164 Resp: 652707

Ion	Ratio	Lower	Upper
164	100		
162	105.1	80.1	120.1
160	47.6	36.3	54.5



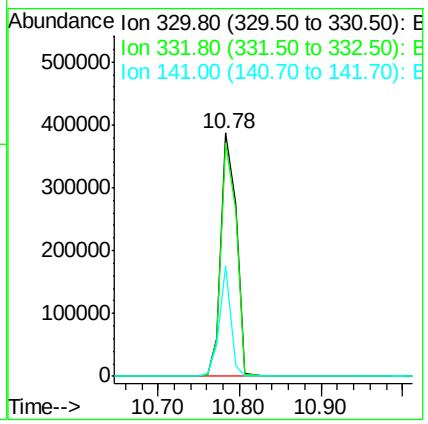


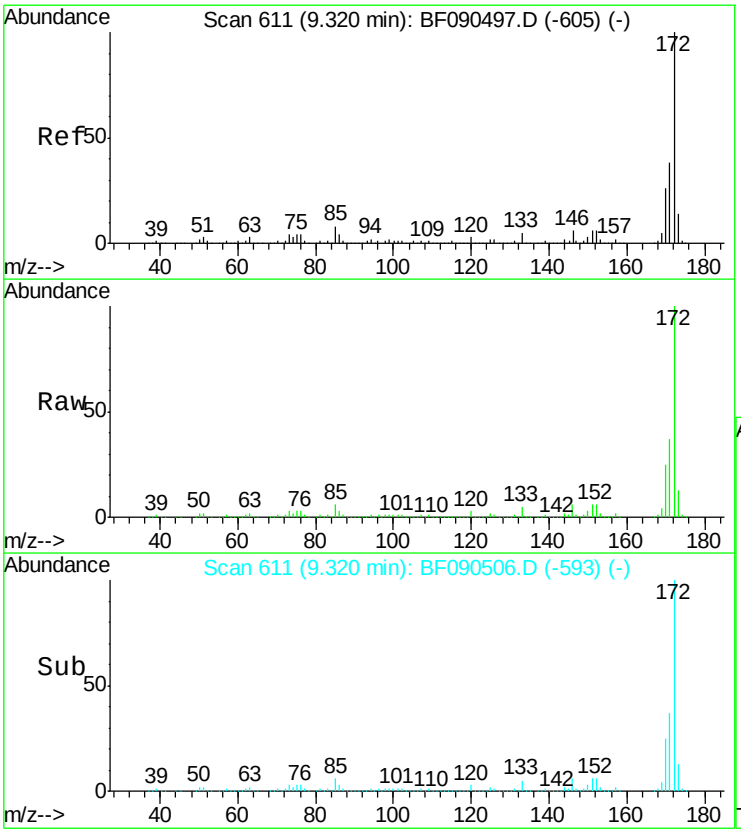
#41
2,4,6-Tribromophenol
Concen: 77.52 ng
RT: 10.78 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:330 Resp: 501574

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.0
141	34.2	26.9	40.3

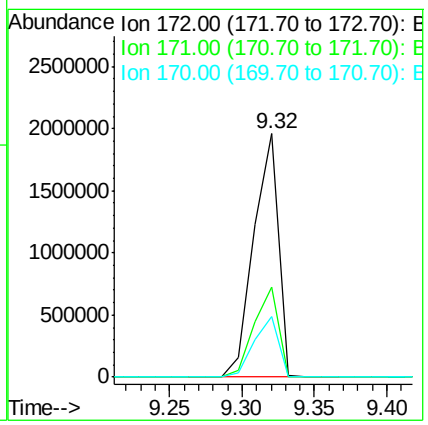


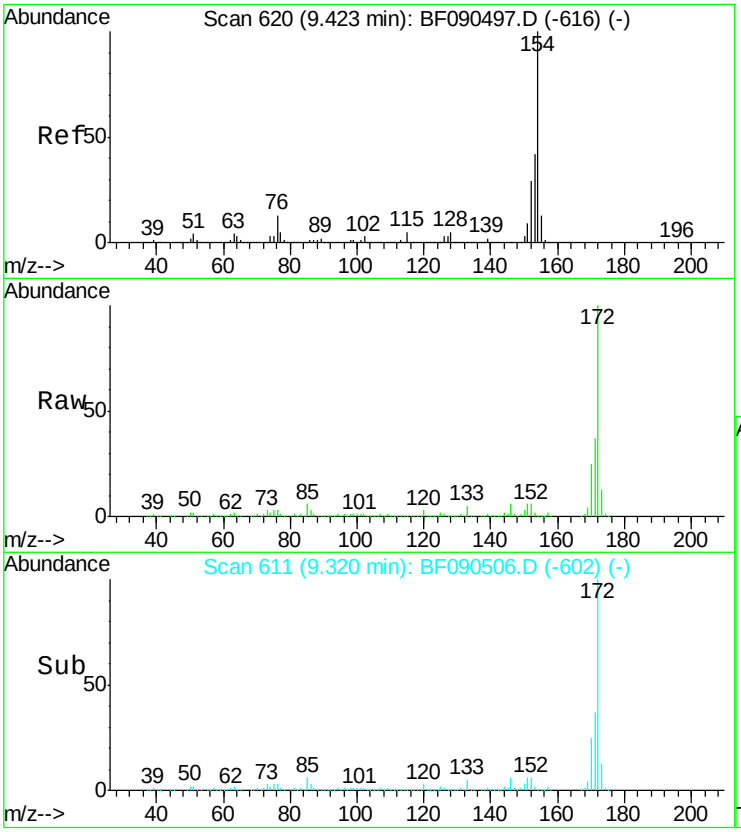


#44
2-Fluorobiphenyl
Concen: 59.45 ng
RT: 9.32 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:172 Resp: 2309125

Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.8	47.8
170	25.0	21.7	32.5



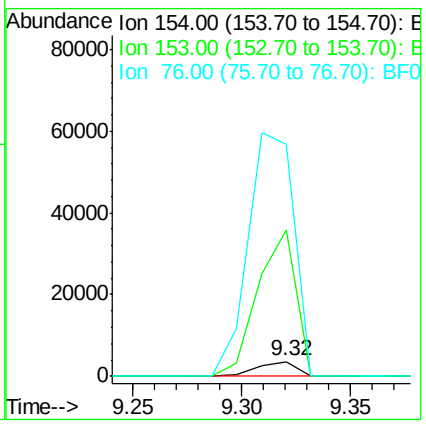


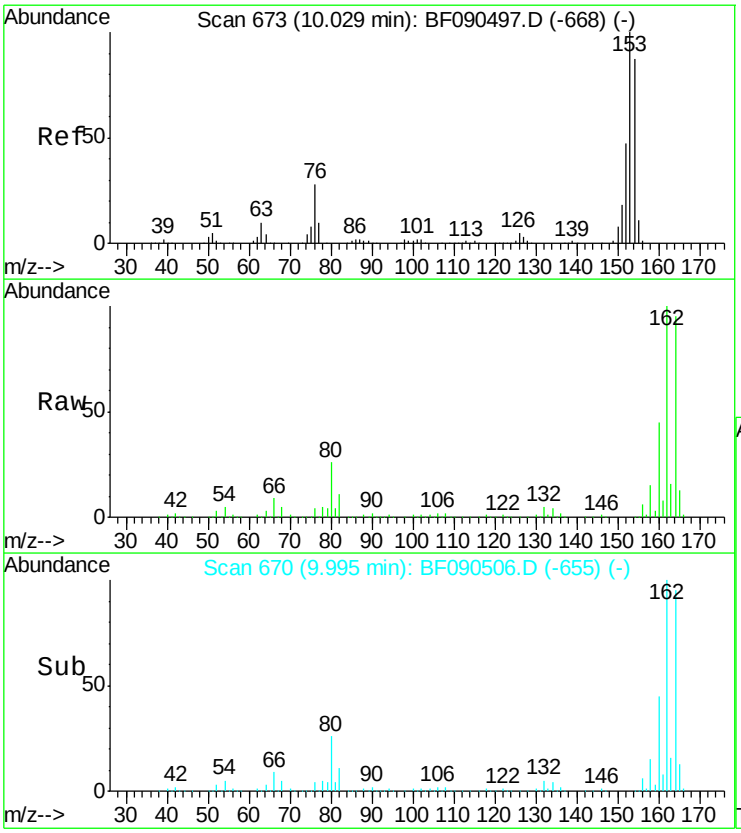
#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 9.32 min Scan# 611
Delta R.T. -0.10 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:154 Resp: 4464

Ion	Ratio	Lower	Upper
154	100		
153	1000.3	23.8	63.8#
76	1590.4	0.0	35.8#

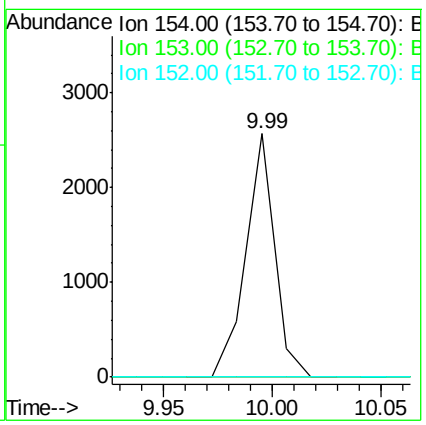


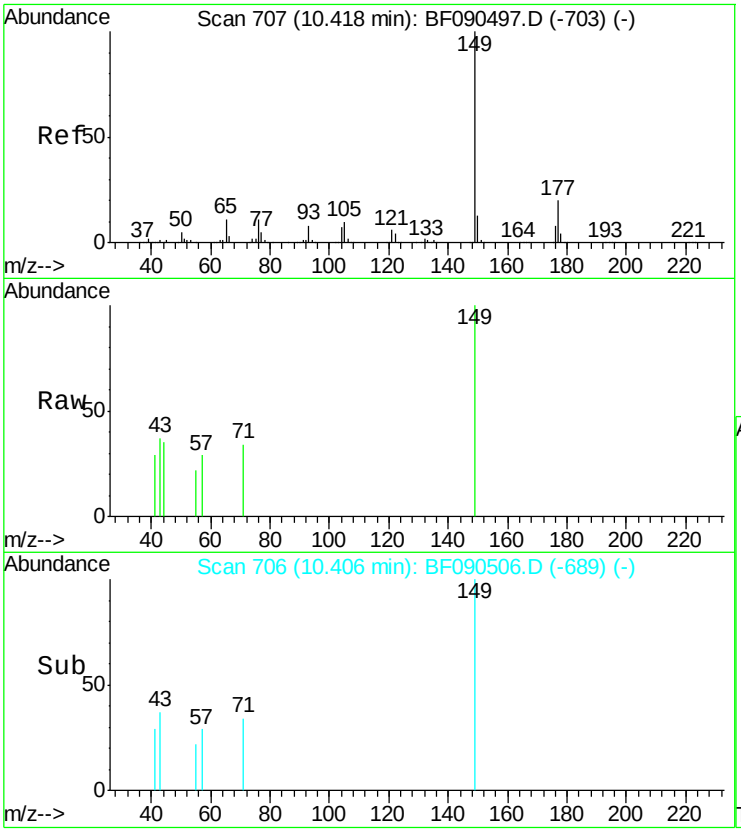


#51
Acenaphthene
Concen: 0.06 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:154 Resp: 2375

Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.6	133.0#
152	0.0	42.6	64.0#



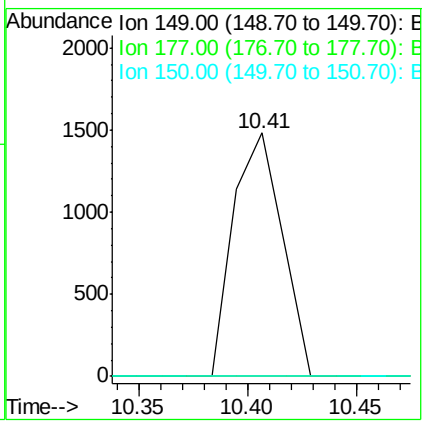


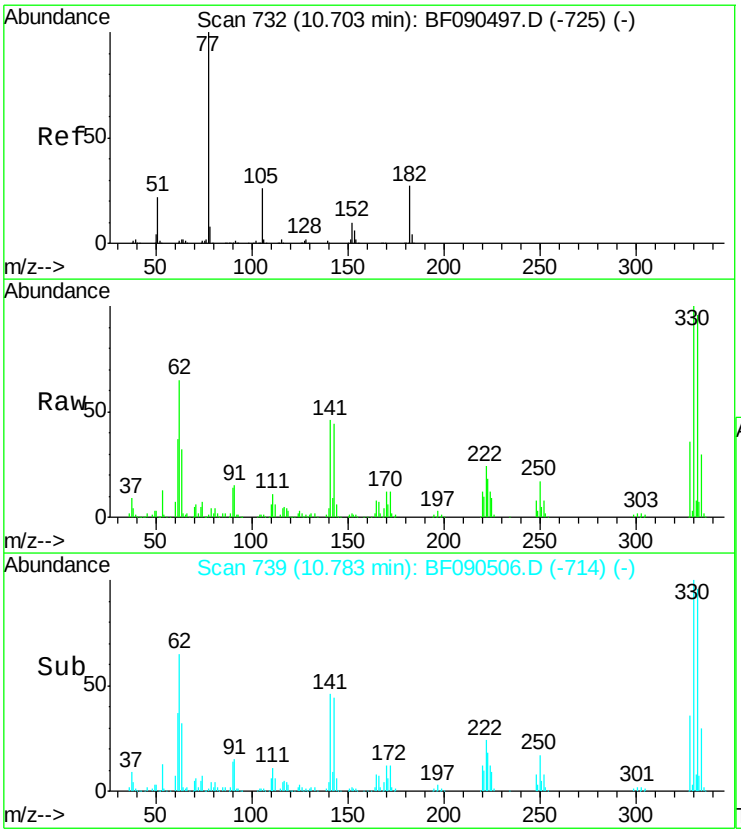
#59
Diethylphthalate
Concen: 0.05 ng
RT: 10.41 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:149 Resp: 2315

Ion	Ratio	Lower	Upper
149	100		
177	0.0	21.1	31.7#
150	0.0	10.2	15.2#

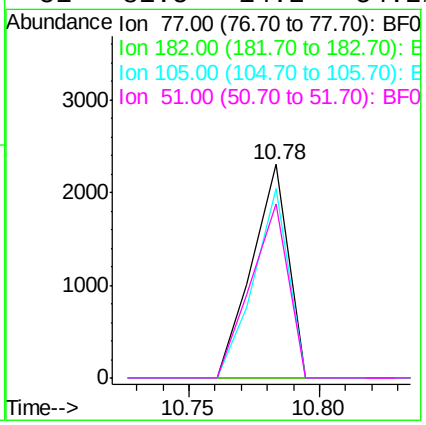


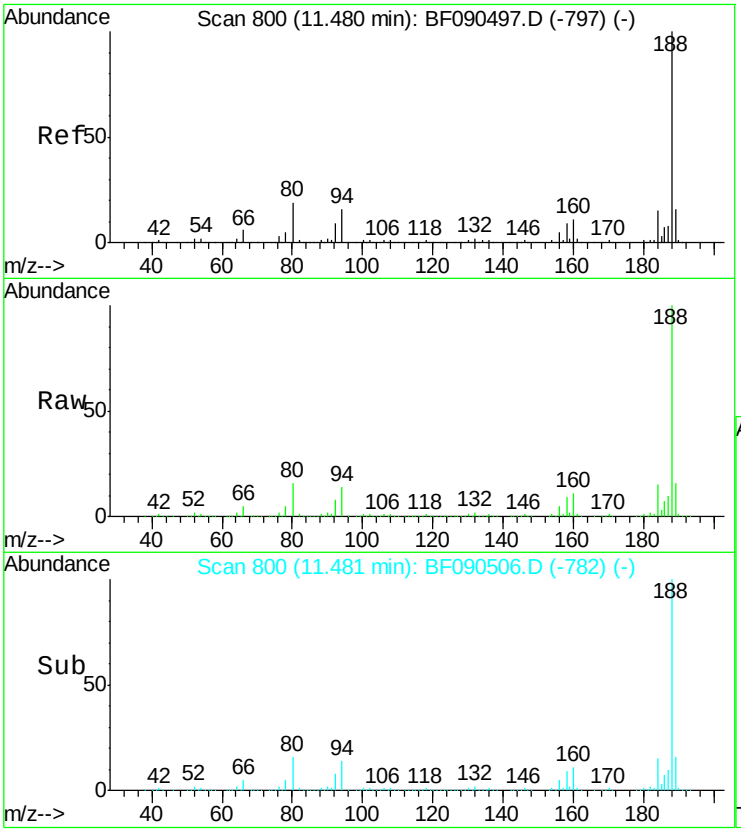


#62
Azobenzene
Concen: 0.05 ng
RT: 10.78 min Scan# 739
Delta R.T. 0.08 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion: 77 Resp: 2267

Ion	Ratio	Lower	Upper
77	100		
182	0.0	3.2	43.2#
105	88.9	2.9	42.9#
51	81.5	14.2	54.2#



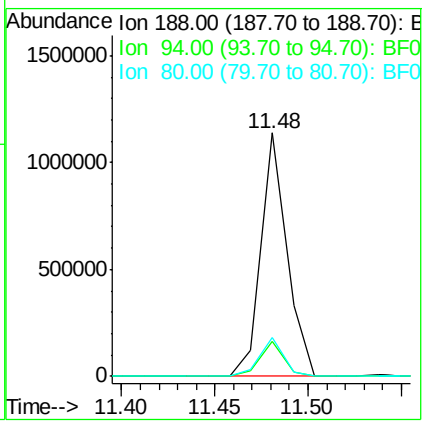


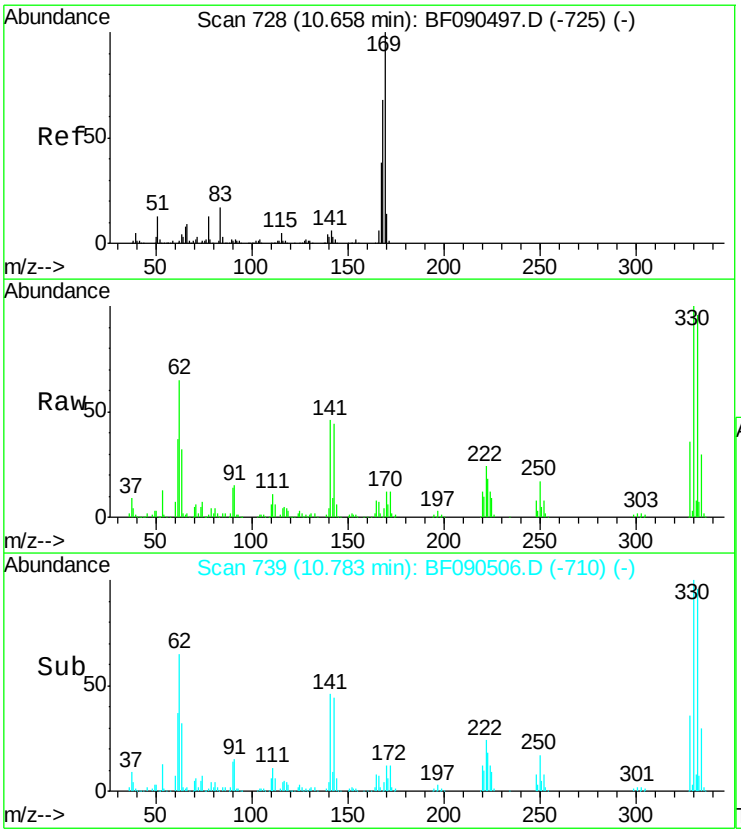
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:188 Resp: 1096077

Ion	Ratio	Lower	Upper
188	100		
94	14.3	8.2	12.2#
80	16.0	8.8	13.2#

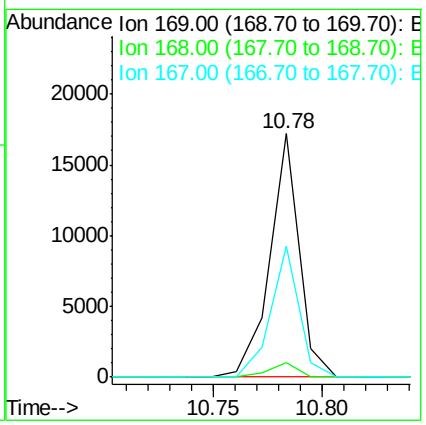


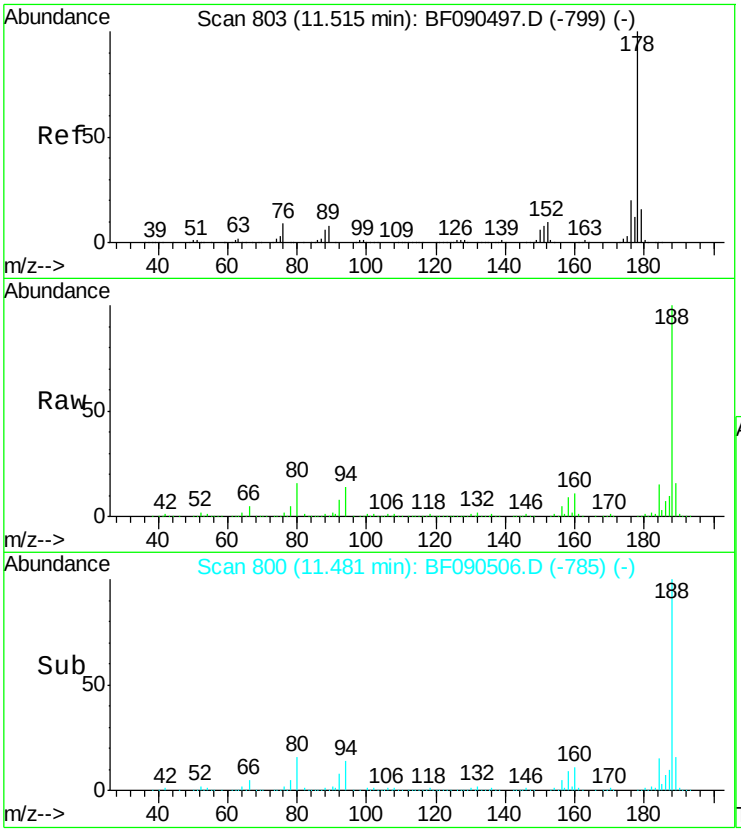


#65
n-Nitrosodiphenylamine
Concen: 0.46 ng
RT: 10.78 min Scan# 739
Delta R.T. 0.13 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:169 Resp: 16328

Ion	Ratio	Lower	Upper
169	100		
168	6.2	53.8	80.6#
167	53.9	29.8	44.8#



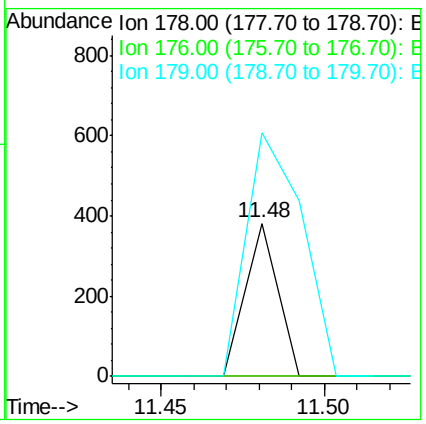


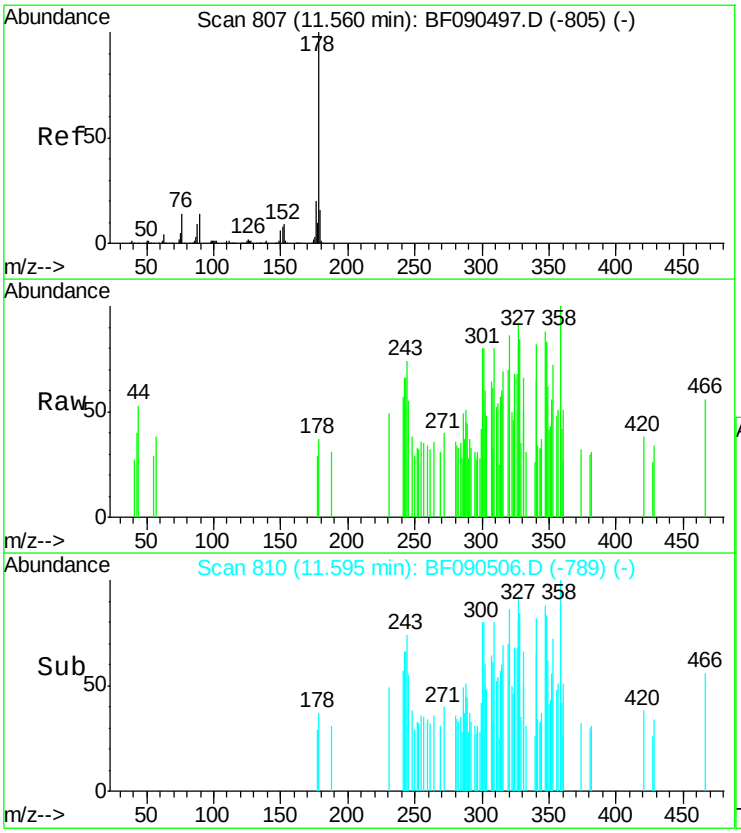
#70
Phenanthrene
Concen: 0.00 ng
RT: 11.48 min Scan# 800
Delta R.T. -0.03 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:178 Resp: 261

Ion	Ratio	Lower	Upper
178	100		
176	0.0	17.3	25.9#
179	159.3	13.8	20.6#

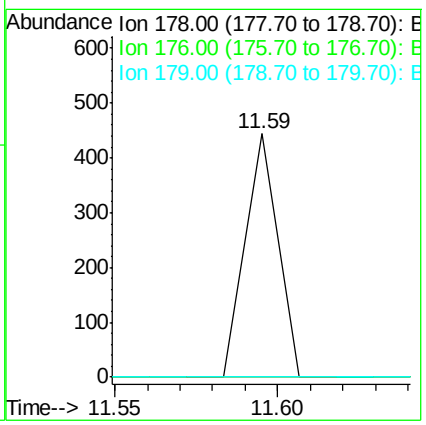


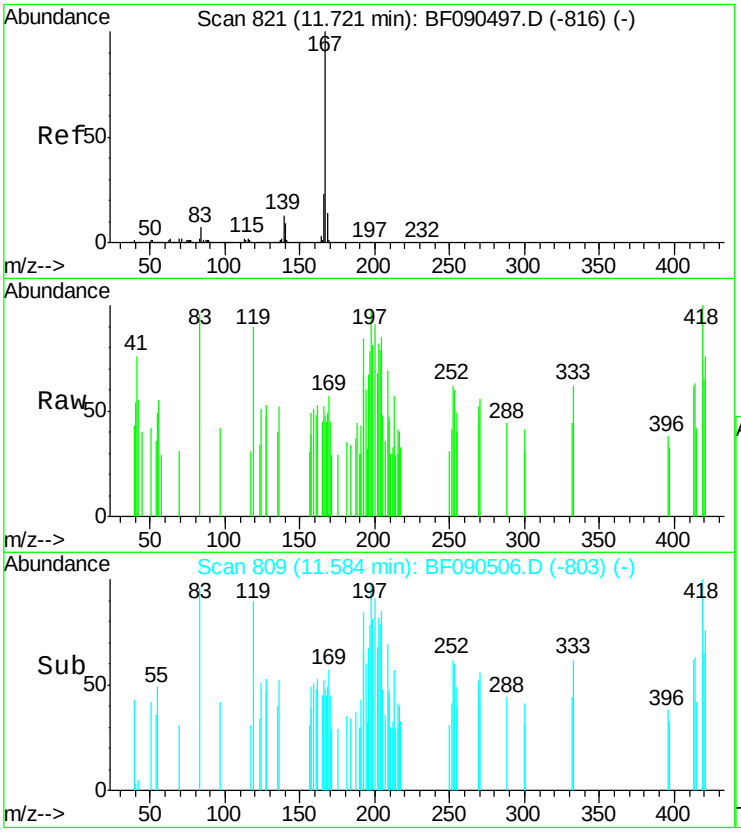


#71
Anthracene
Concen: 0.00 ng
RT: 11.59 min Scan# 810
Delta R.T. 0.03 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:178 Resp: 305

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.8	25.2#
179	0.0	13.4	20.2#



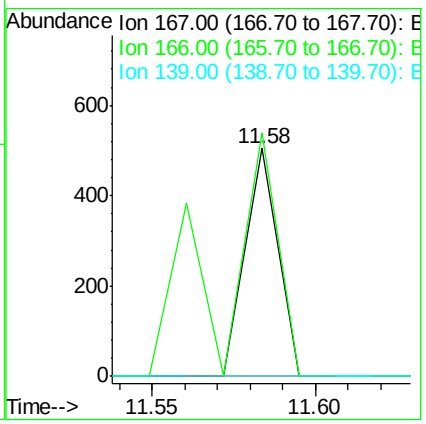


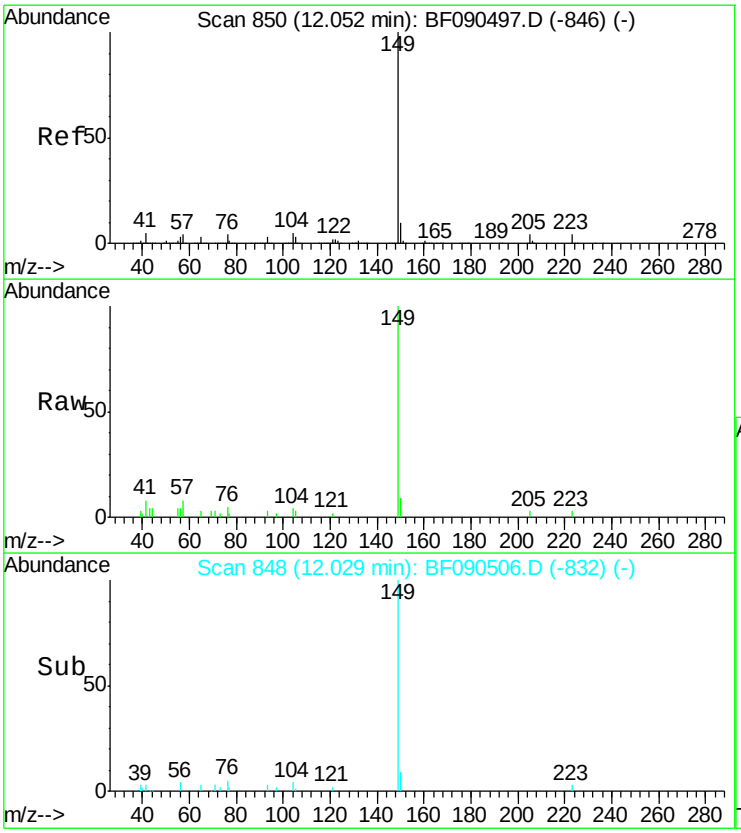
#72
Carbazole
Concen: 0.01 ng
RT: 11.58 min Scan# 809
Delta R.T. -0.14 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:167 Resp: 346

Ion	Ratio	Lower	Upper
167	100		
166	106.7	19.1	28.7#
139	0.0	12.1	18.1#

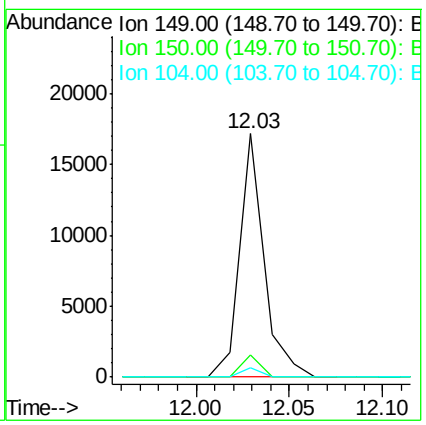


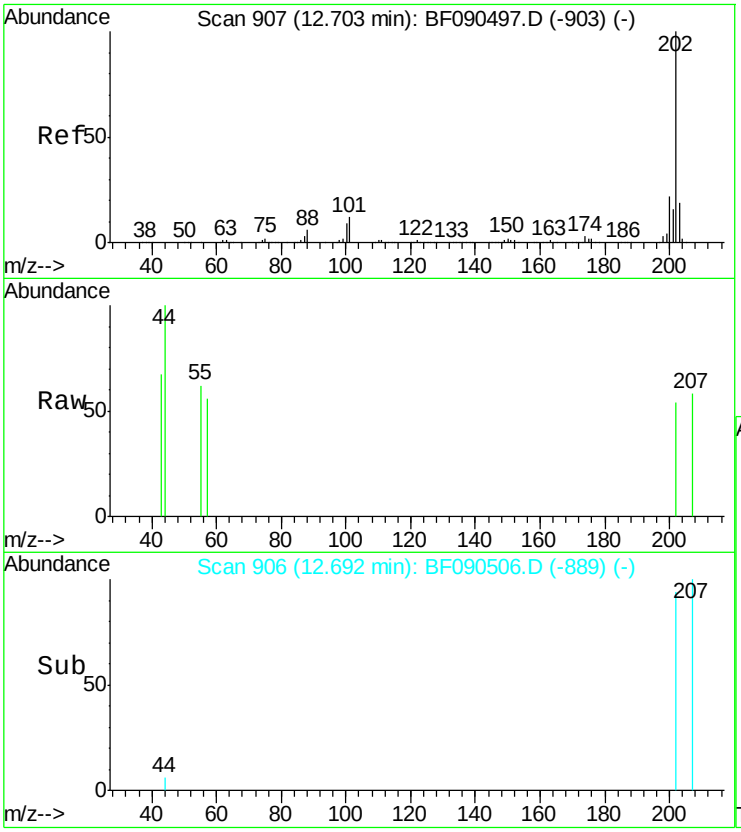


#73
Di-n-butylphthalate
Concen: 0.22 ng
RT: 12.03 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:149 Resp: 15646

Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.6	12.8
104	4.0	4.7	7.1#



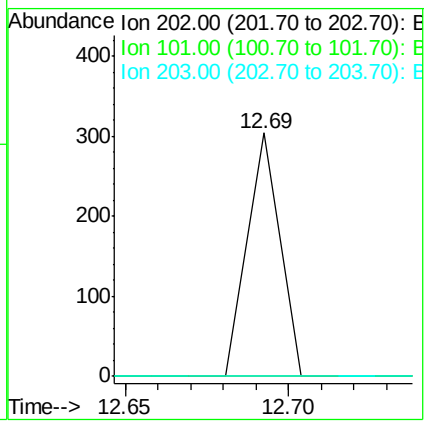


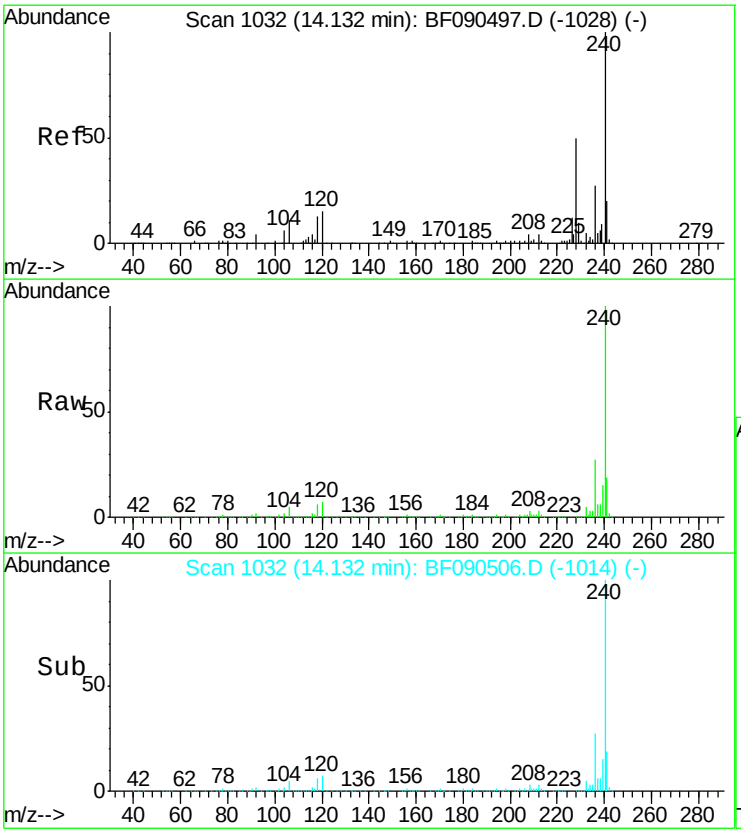
#74
Fluoranthene
Concen: 0.00 ng
RT: 12.69 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:202 Resp: 208

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	37.2
203	0.0	0.0	39.3

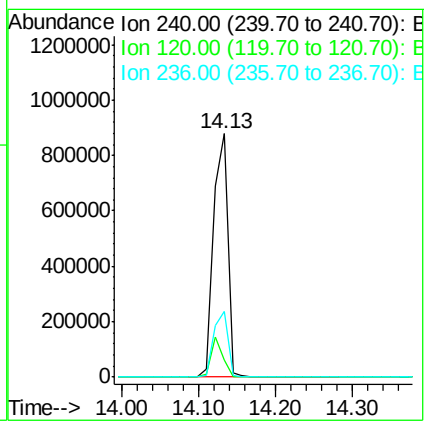


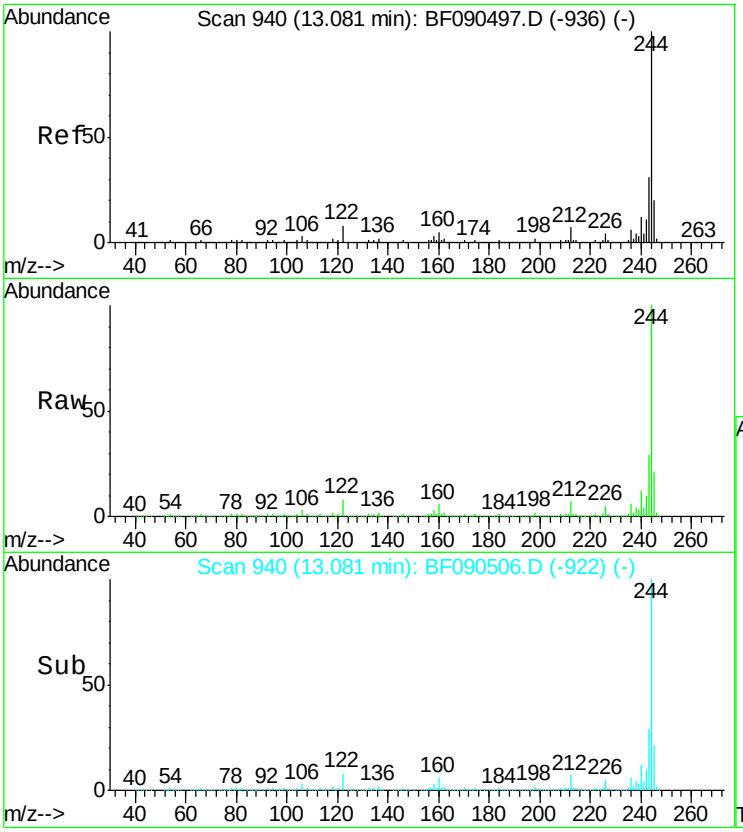


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:240 Resp: 1116765

Ion	Ratio	Lower	Upper
240	100		
120	7.0	8.6	13.0#
236	27.2	21.6	32.4



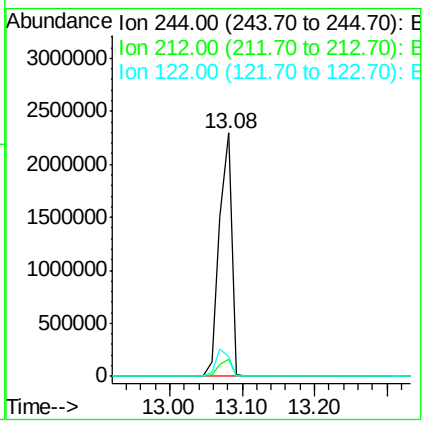


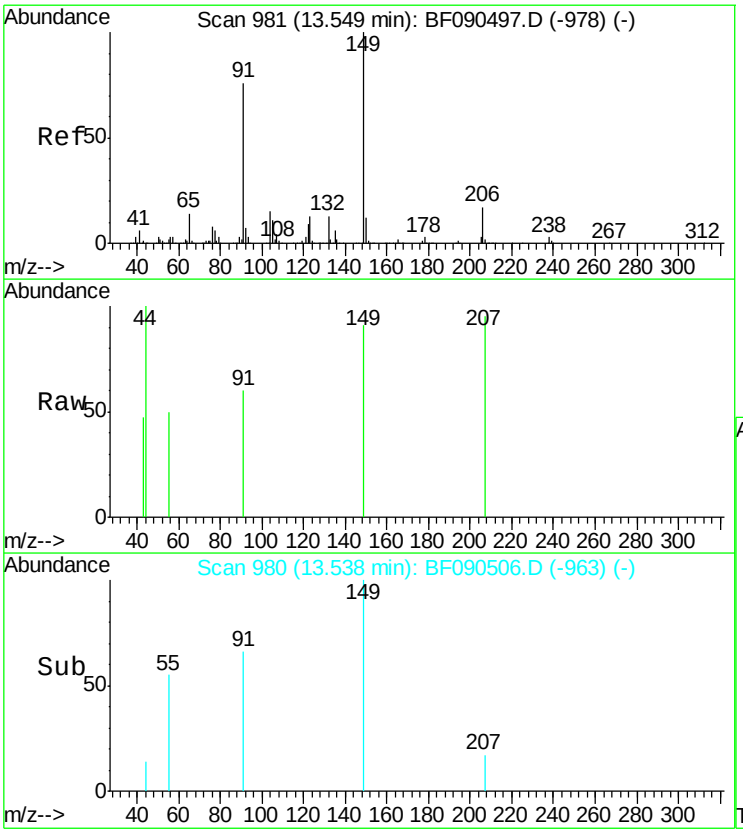
#78
Terphenyl-d14
Concen: 59.42 ng
RT: 13.08 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:244 Resp: 2715496

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.8	10.2
122	8.0	13.3	19.9#

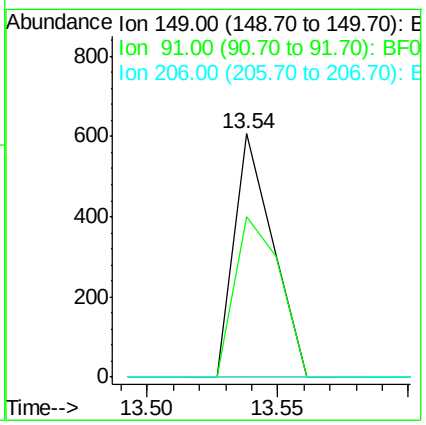


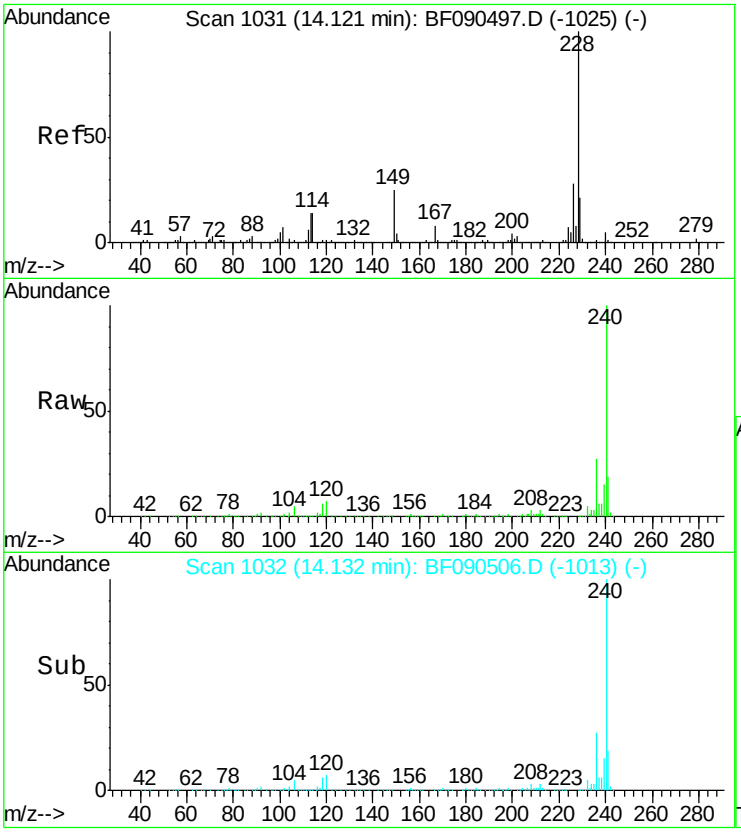


#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.54 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:149 Resp: 625

Ion	Ratio	Lower	Upper
149	100		
91	65.9	51.8	77.8
206	0.0	18.0	27.0#



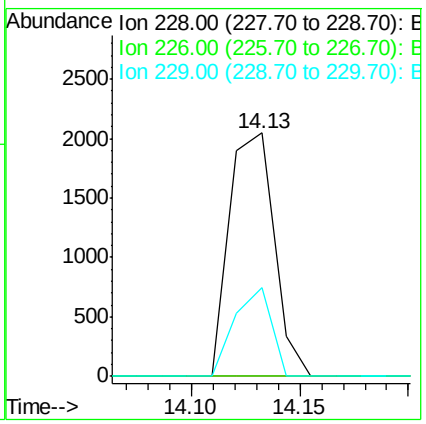


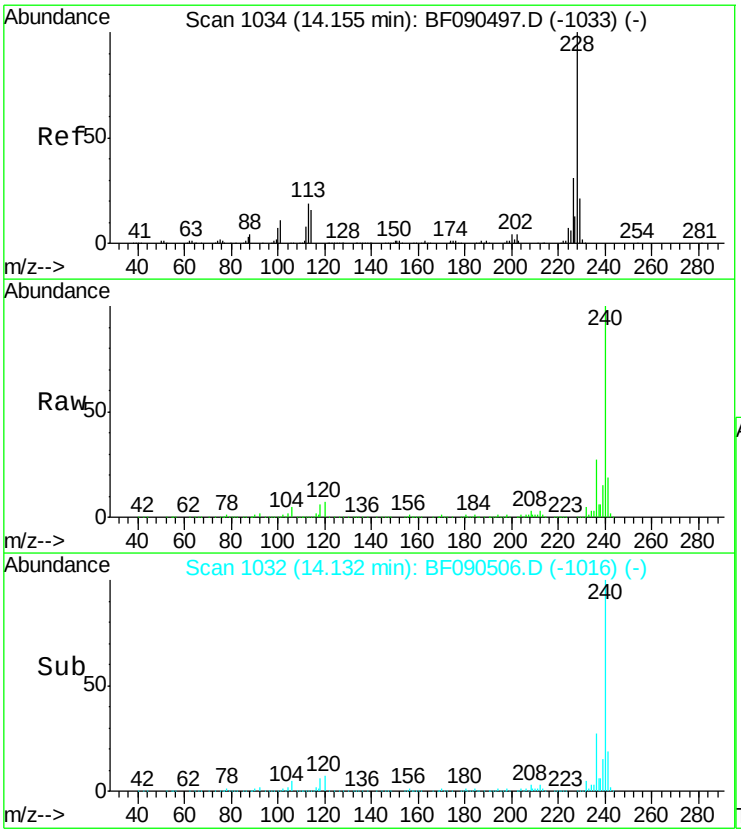
#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:228 Resp: 2932

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.6	35.4#
229	36.5	16.6	25.0#

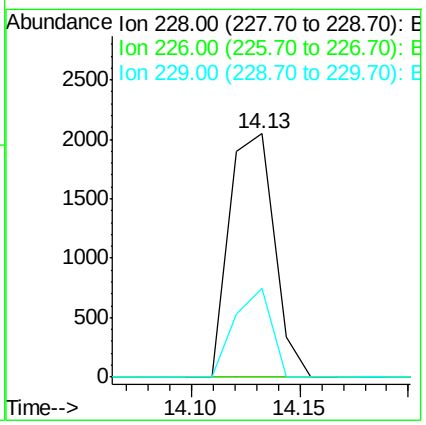


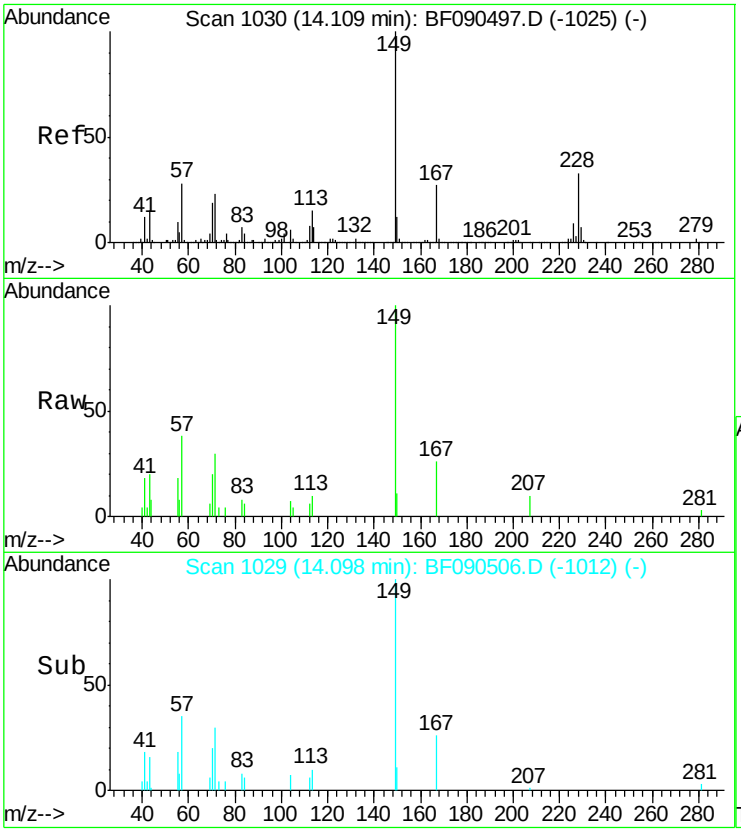


#82
Chrysene
Concen: 0.05 ng
RT: 14.13 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:228 Resp: 2932

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.8	38.6#
229	36.5	16.9	25.3#



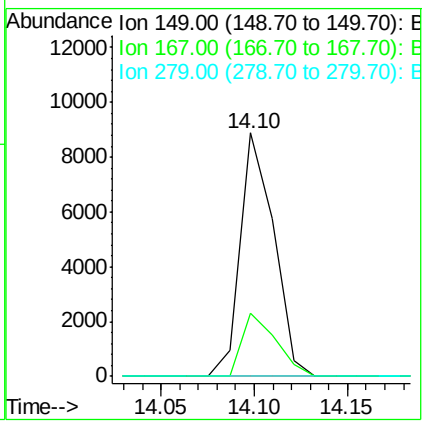


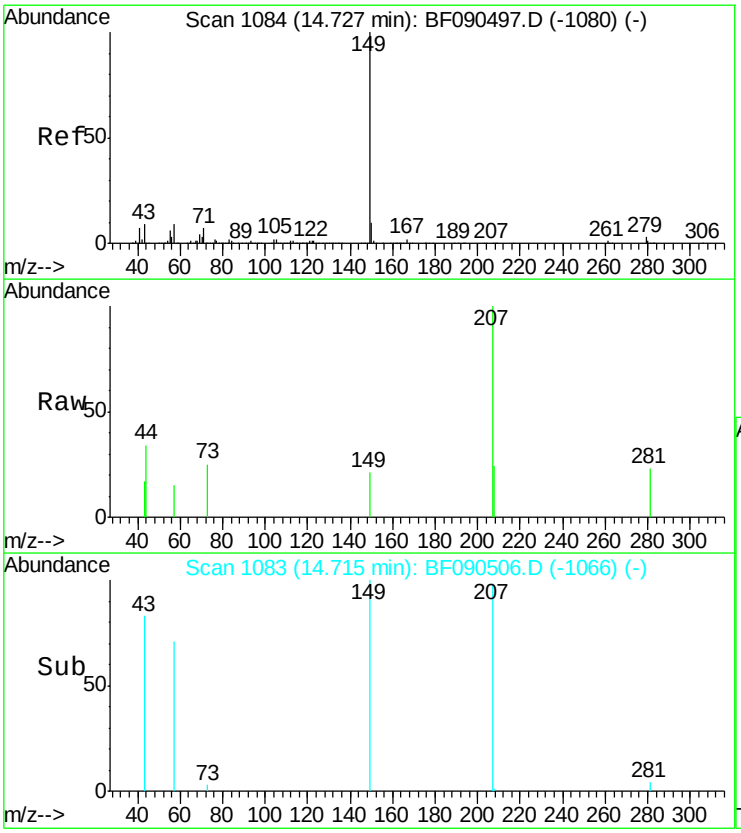
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 14.10 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:149 Resp: 11112

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.5	32.3
279	0.0	2.6	3.8#

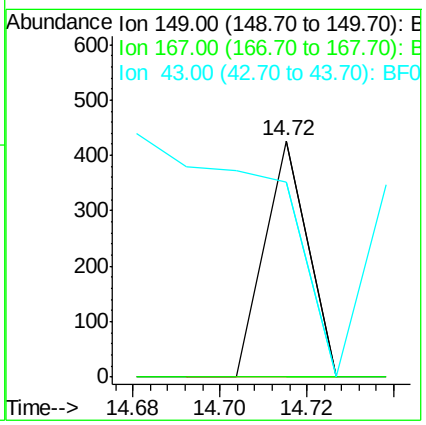


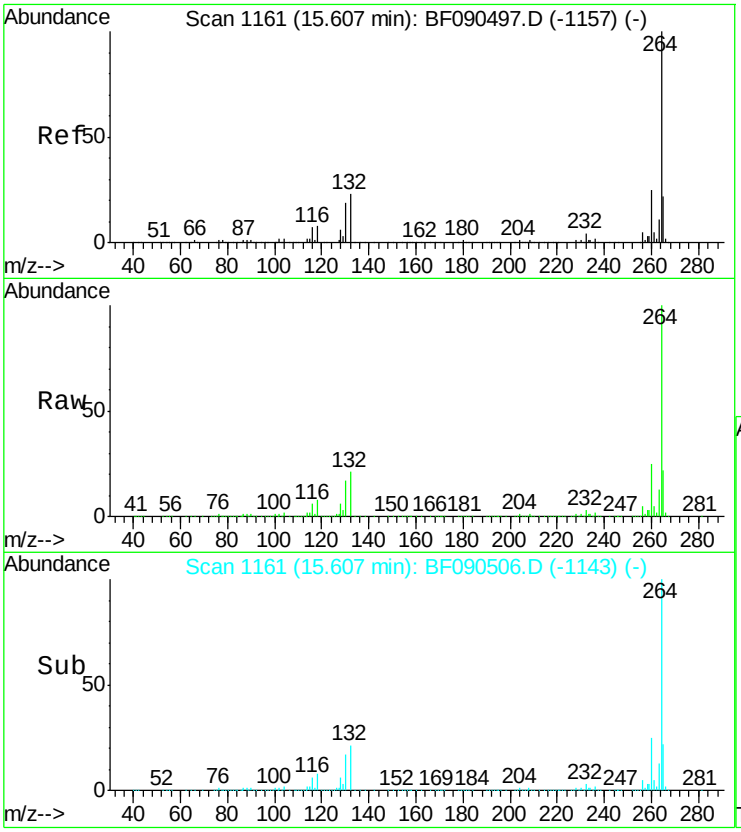


#84
Di-n-octyl phthalate
Concen: 0.00 ng
RT: 14.72 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:149 Resp: 292

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	11.8	17.8#



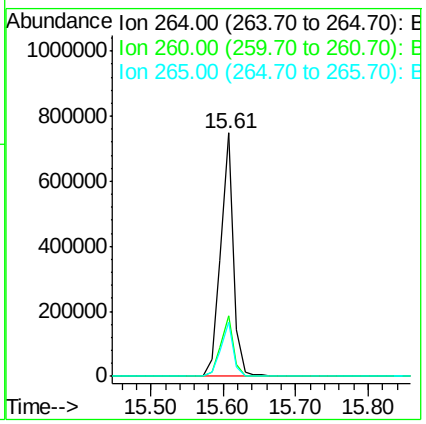


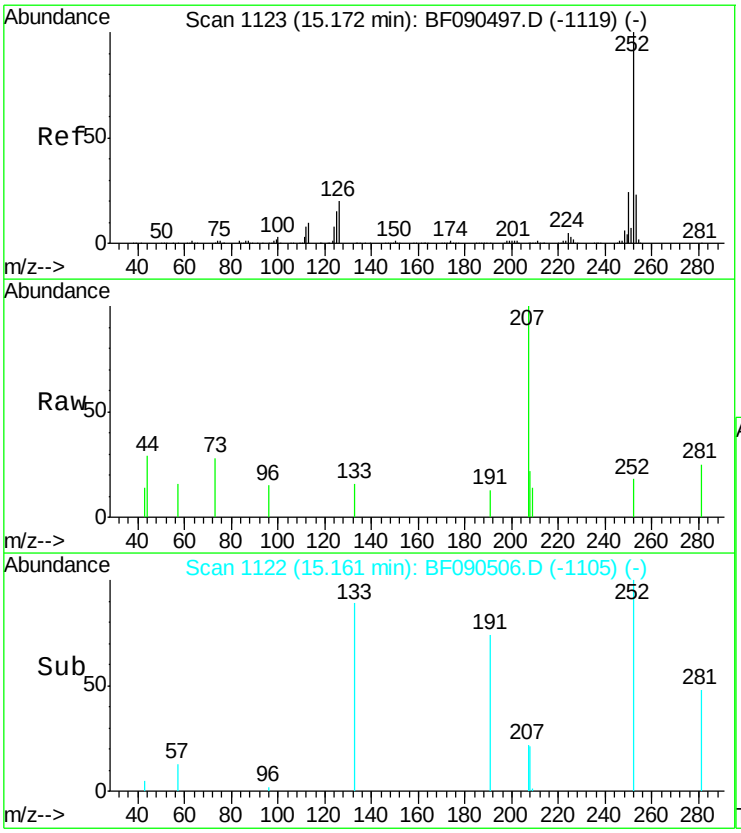
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:264 Resp: 915279

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	22.0	17.4	26.0

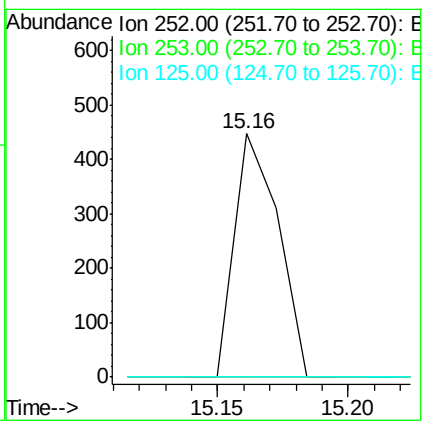


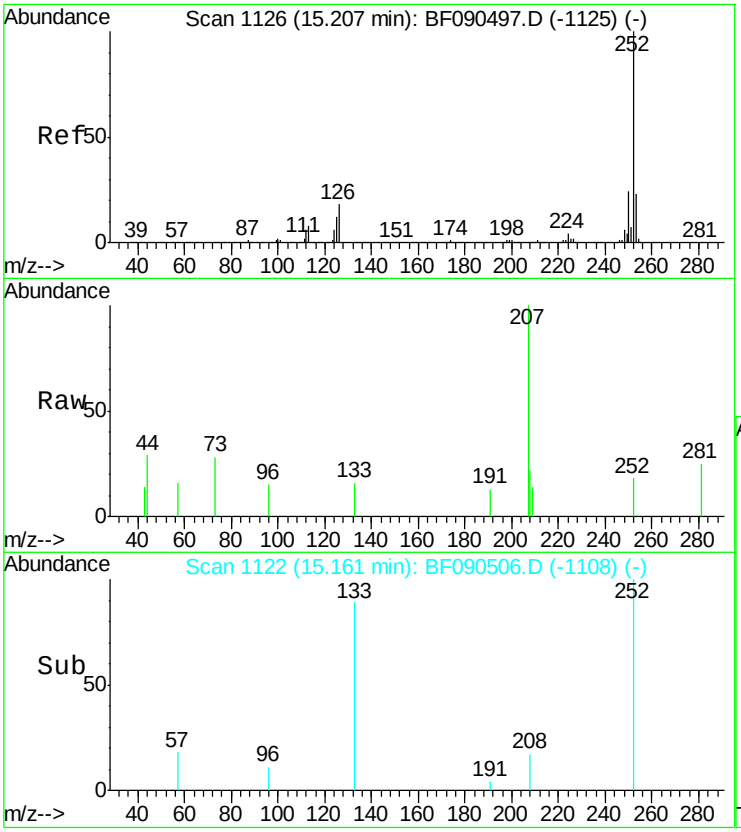


#87
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 15.16 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:252 Resp: 520

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	7.0	10.4#



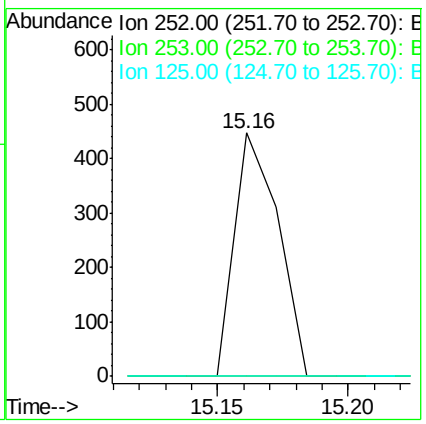


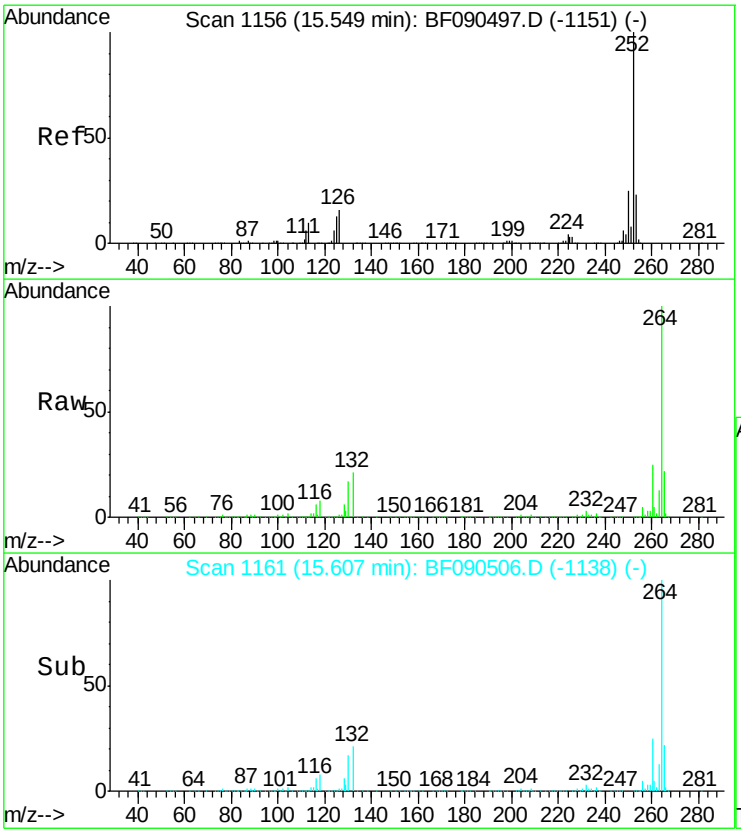
#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 15.16 min Scan# 1122
Delta R.T. -0.05 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:252 Resp: 520

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.6	27.8#
125	0.0	11.7	17.5#





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.06 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion:252 Resp: 2822

Ion	Ratio	Lower	Upper
252	100		
253	31.9	18.2	27.4#
125	19.1	9.8	14.8#