Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
Data File : BF085111.D
Acq On : 2 Mar 2016 11:23
Operator : SJ/IZ
Sample : PB88627BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 03 01:36:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	171381	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	716364	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	339847	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	661072	20.00	ng		0.00
75) Chrysene-d12	14.15	240	592088	20.00	ng		0.00
86) Perylene-d12	15.63	264	412212	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1436106	136.04	ng		0.01
7) Phenol-d6	6.61	99	1659091	119.88	ng		0.00
23) Nitrobenzene-d5	7.54	82	1007255	74.81	ng		-0.02
41) 2,4,6-Tribromophenol	10.81	330	437120	127.99	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1867556	80.93	ng		0.00
78) Terphenyl-d14	13.10	244	1962934	77.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	209	0.04	ng	#	22
6) Aniline	6.76	93	2176	0.11	ng	#	1
8) 2-Chlorophenol	6.77	128	800	0.07	ng	#	1
9) Benzaldehyde	6.76	77	33860	2.55	ng		82
10) Phenol	6.76	94	2939	0.19	ng	#	1
11) bis(2-Chloroethyl)ether	6.76	93	2176	0.18	ng	#	1
15) Benzyl Alcohol	7.14	79	19304	1.91	ng	#	45
19) n-Nitroso-di-n-propylamine	7.54	70	134172	14.71	ng	#	81
22) Acetophenone	7.14	105	228	0.01	ng	#	1
24) Nitrobenzene	7.54	77	3101	0.22	ng	#	38
31) Naphthalene	8.38	128	1791	0.05	ng	#	1
33) 4-Chloroaniline	8.38	127	209	0.01	ng	#	1
45) 1,1'-Biphenyl	9.35	154	3961	0.13	ng	#	1
47) 2-Nitroaniline	9.35	65	3271	0.47	ng	#	1
50) 2,6-Dinitrotoluene	10.02	165	44519	8.52	ng	#	22
51) Acenaphthene	10.02	154	1394	0.07	ng	#	4
56) 2,4-Dinitrotoluene	10.02	165	44511	6.32	ng	#	19
57) Fluorene	10.81	166	18539	0.88	ng	#	88
62) Azobenzene	10.81	77	2461	0.10	ng	#	9
64) 4,6-Dinitro-2-methylphenol	10.81	198	770	7.37	ng	#	1
65) n-Nitrosodiphenylamine	10.81	169	13284	0.64	ng	#	45
66) 4-Bromophenyl-phenylether	10.81	248	28660	4.13	ng	#	1
70) Phenanthrene	11.51	178	275	0.01	ng	#	1
71) Anthracene	11.51	178	275	0.01	ng	#	1
73) Di-n-butylphthalate	12.07	149	297	0.01	ng	#	78
77) Pyrene	13.10	202	7289	0.18	ng	#	70
80) Benzo(a)anthracene	14.15	228	1447	0.04	ng	#	58
82) Chrysene	14.15	228	1447	0.05	ng	#	55
89) Benzo(a)pyrene	15.61	252	1173	0.06	ng	#	72

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
Data File : BF085111.D
Acq On : 2 Mar 2016 11:23
Operator : SJ/IZ
Sample : PB88627BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 03 01:36:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
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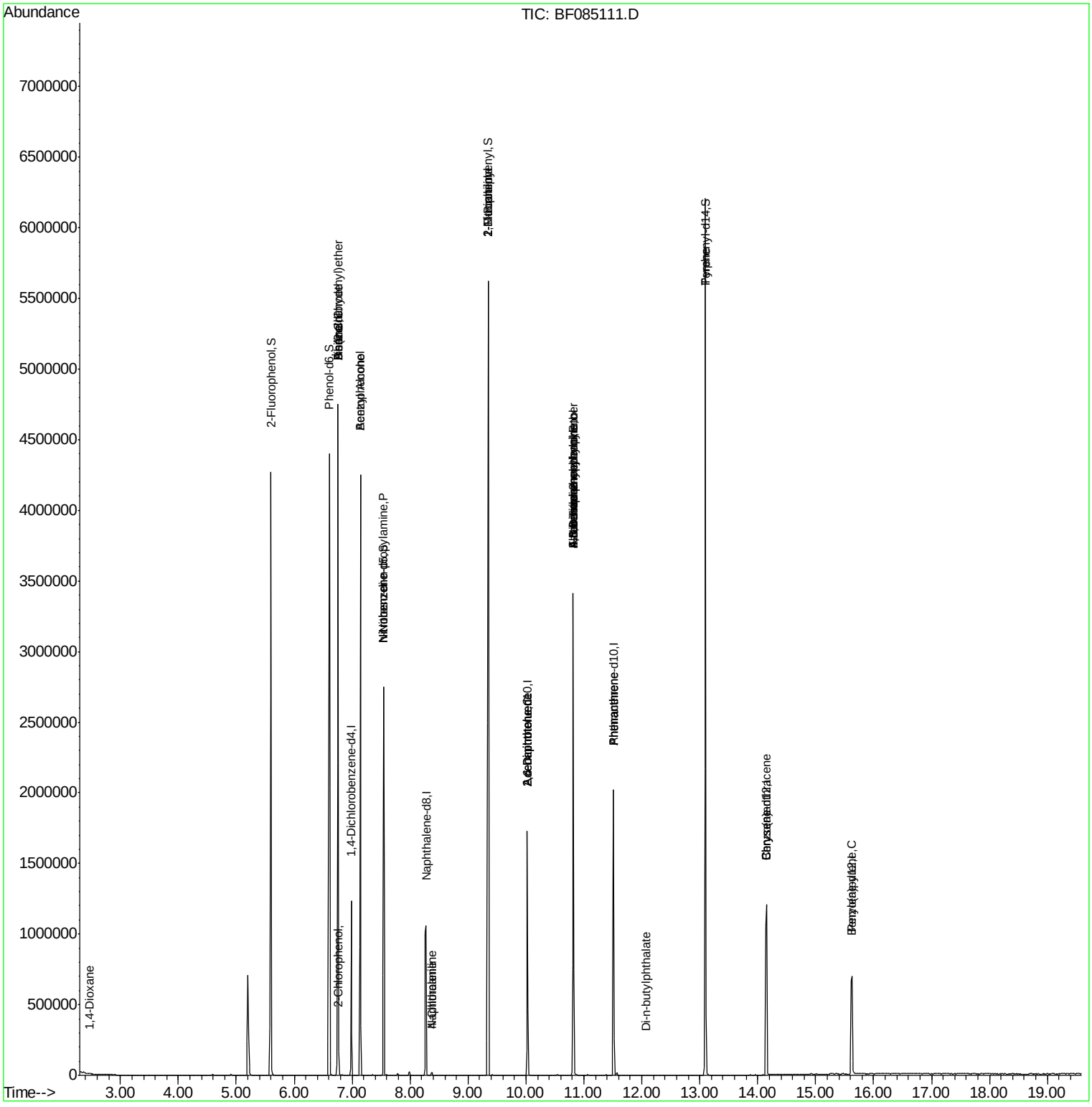
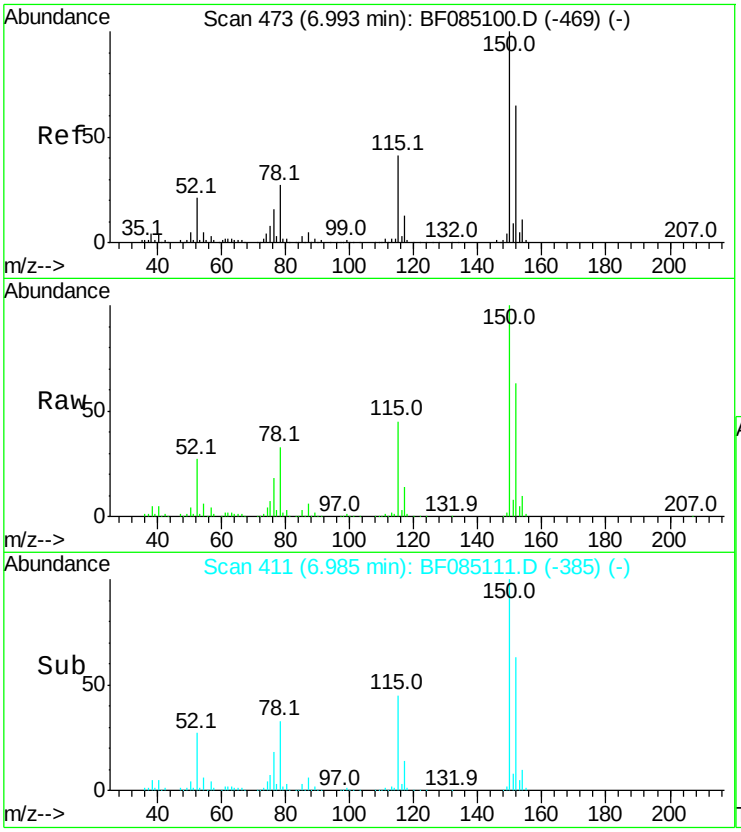


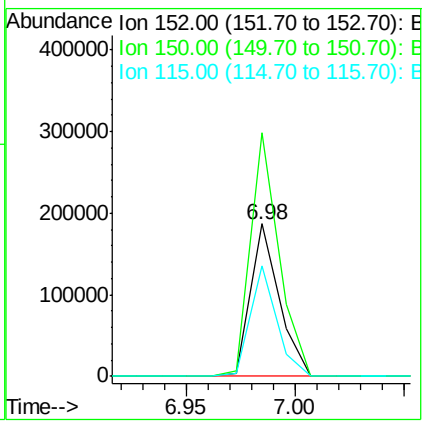


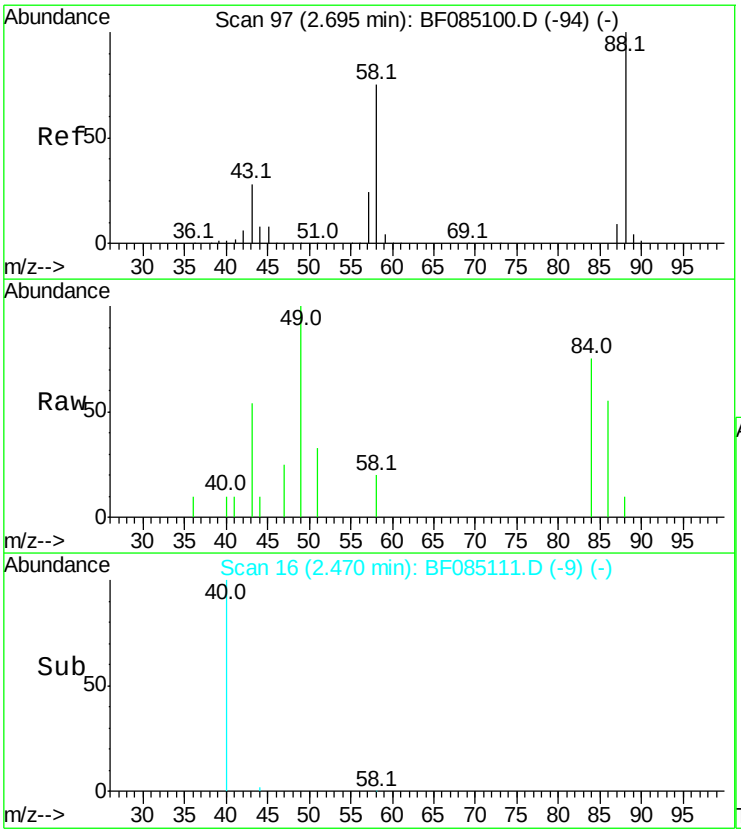
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 171381

Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.4	185.0
115	72.1	50.0	75.0

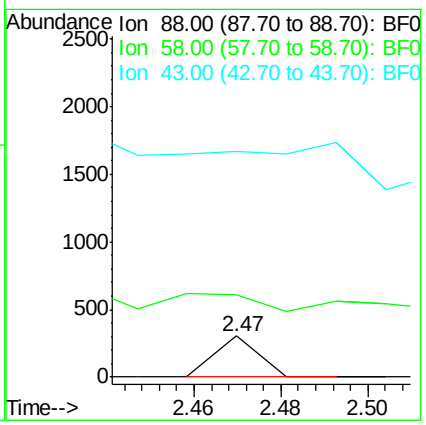


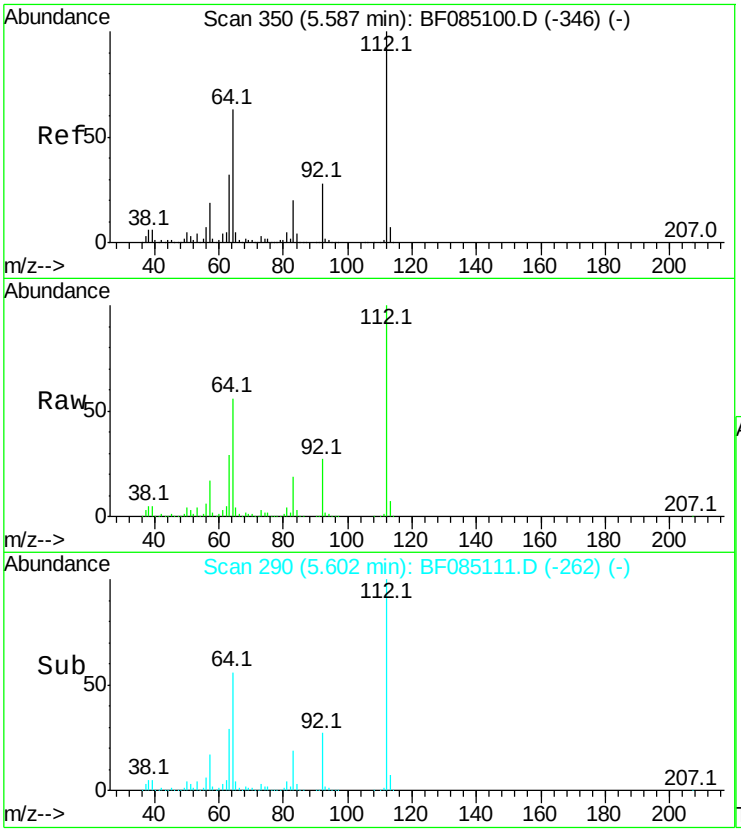


#2
1,4-Dioxane
Concen: 0.04 ng
RT: 2.47 min Scan# 16
Delta R.T. -0.23 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion: 88 Resp: 209

Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.4	87.6#
43	0.0	22.2	33.4#



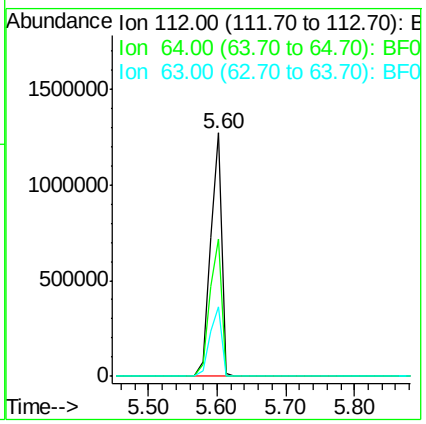


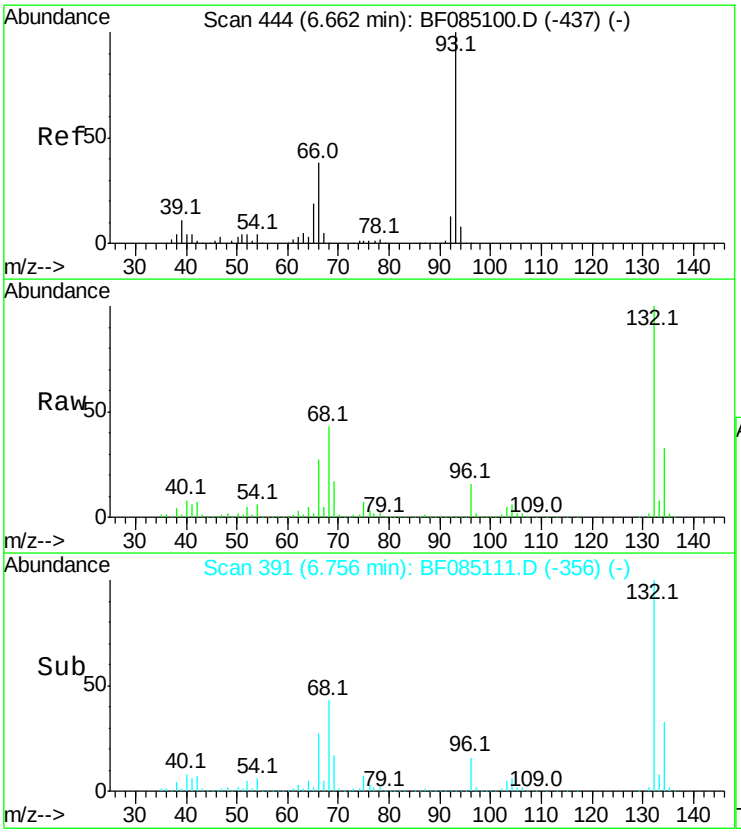
#5
2-Fluorophenol
Concen: 136.04 ng
RT: 5.60 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1436106

Ion	Ratio	Lower	Upper
112	100		
64	56.3	50.6	76.0
63	28.6	25.5	38.3

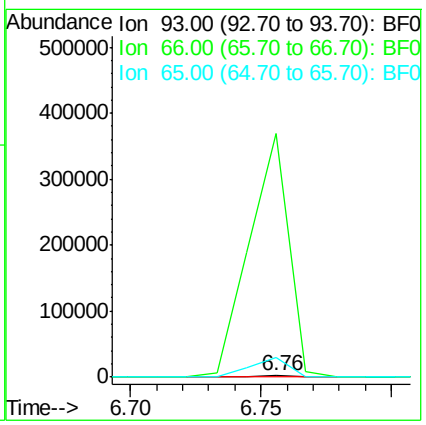


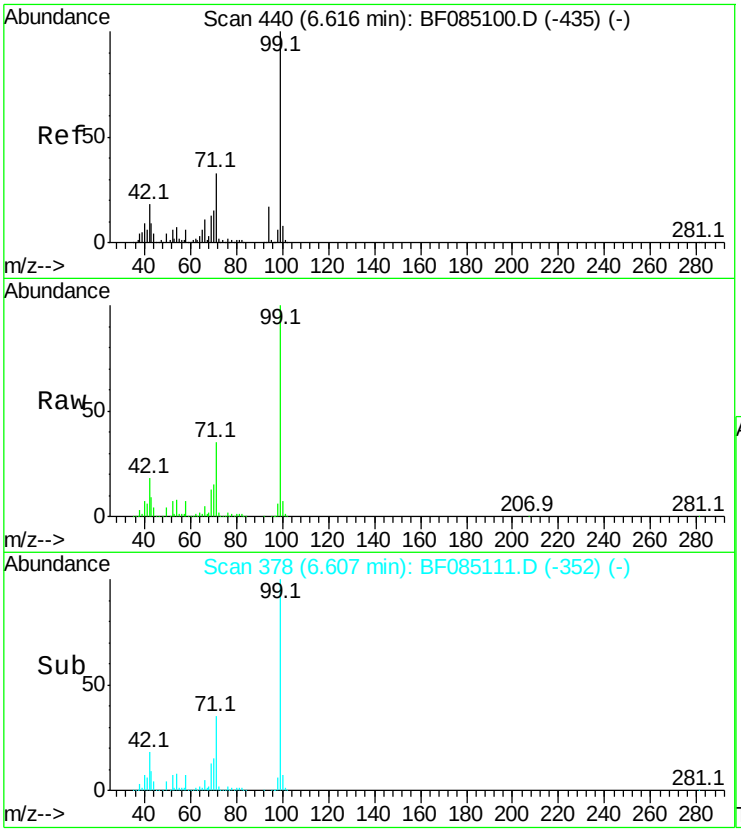


#6
Aniline
Concen: 0.11 ng
RT: 6.76 min Scan# 391
Delta R.T. 0.09 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion: 93 Resp: 2176

Ion	Ratio	Lower	Upper
93	100		
66	17024.4	30.1	45.1#
65	1373.8	15.0	22.6#



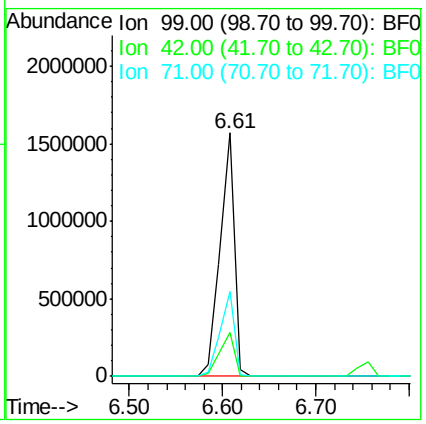


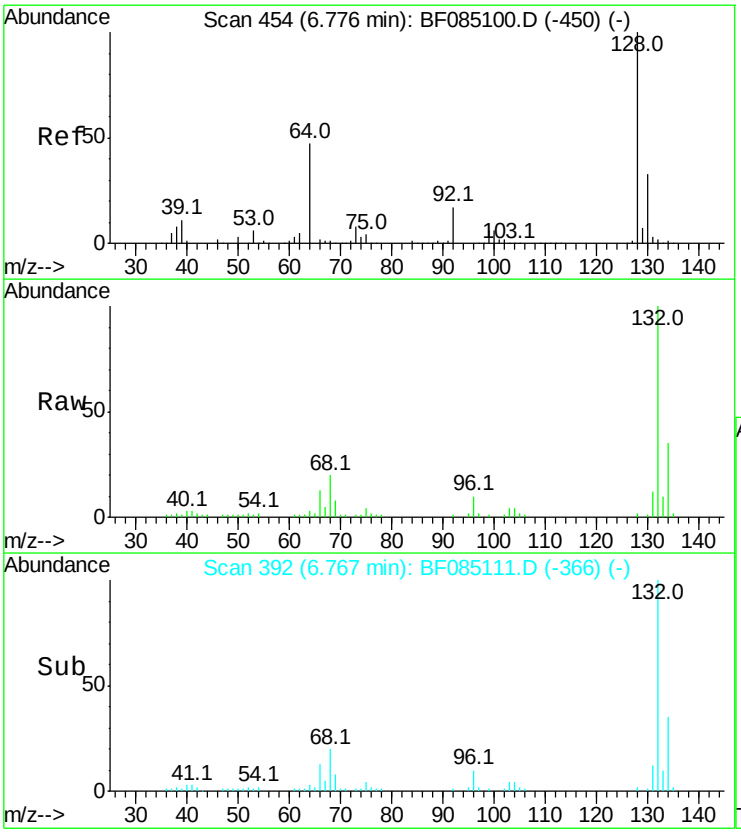
#7
Phenol-d6
Concen: 119.88 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1659091

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	34.7	26.8	40.2

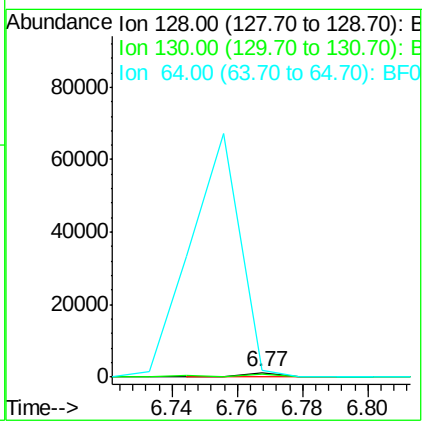


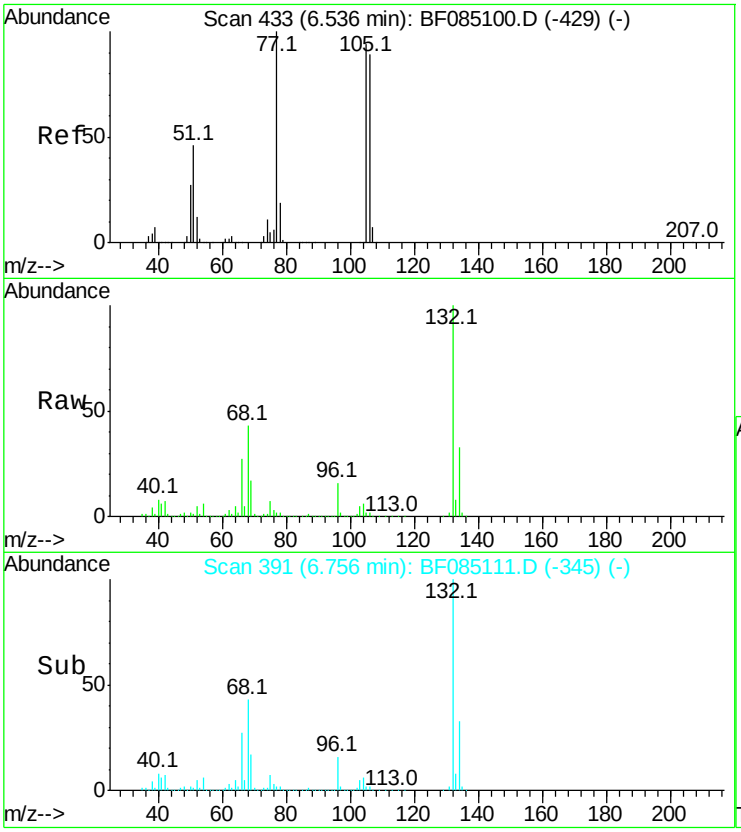


#8
2-Chlorophenol
Concen: 0.07 ng
RT: 6.77 min Scan# 392
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:128 Resp: 800

Ion	Ratio	Lower	Upper
128	100		
130	56.2	13.1	53.1#
64	172.6	29.6	69.6#



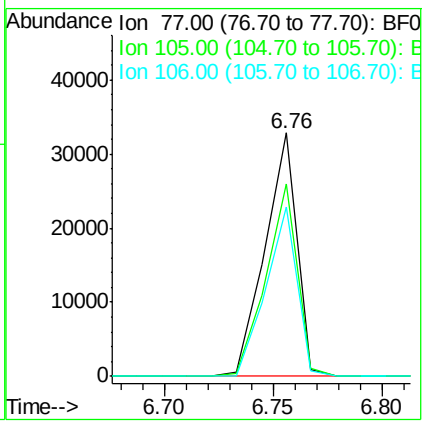


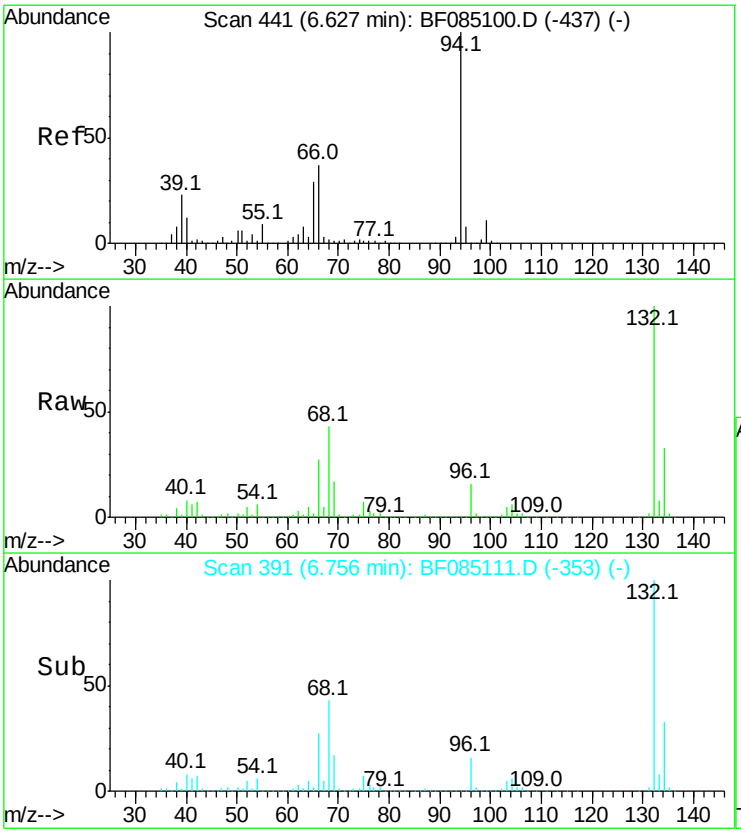
#9
Benzaldehyde
Concen: 2.55 ng
RT: 6.76 min Scan# 391
Delta R.T. 0.22 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 33860

Ion	Ratio	Lower	Upper
77	100		
105	78.8	73.7	113.7
106	69.3	69.2	109.2

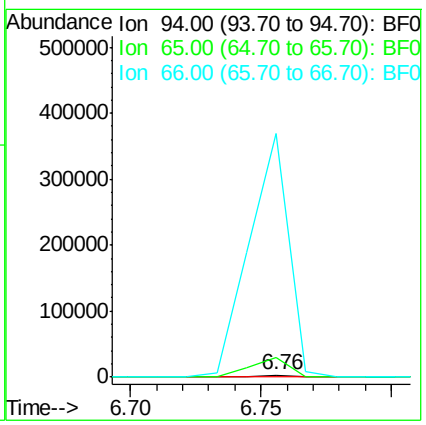


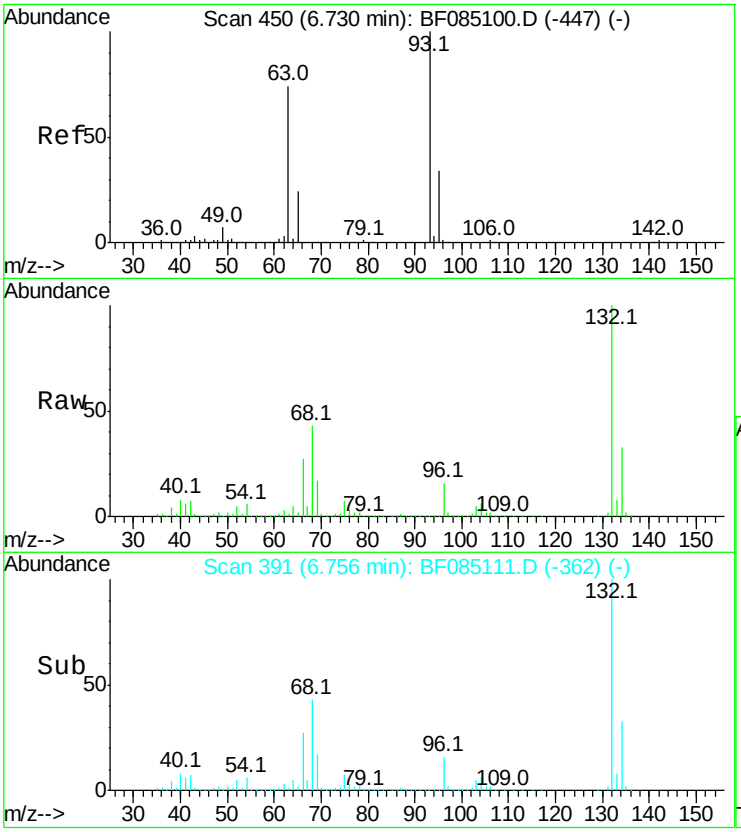


#10
Phenol
Concen: 0.19 ng
RT: 6.76 min Scan# 391
Delta R.T. 0.13 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion: 94 Resp: 2939

Ion	Ratio	Lower	Upper
94	100		
65	1030.2	9.1	49.1#
66	12766.8	17.5	57.5#



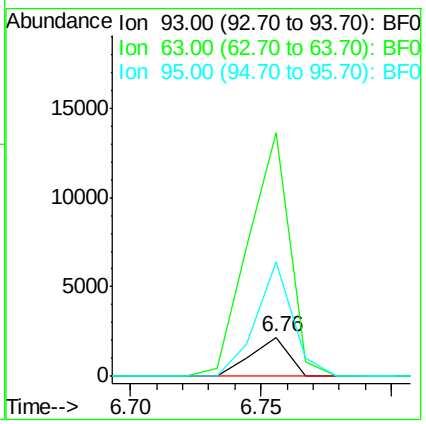


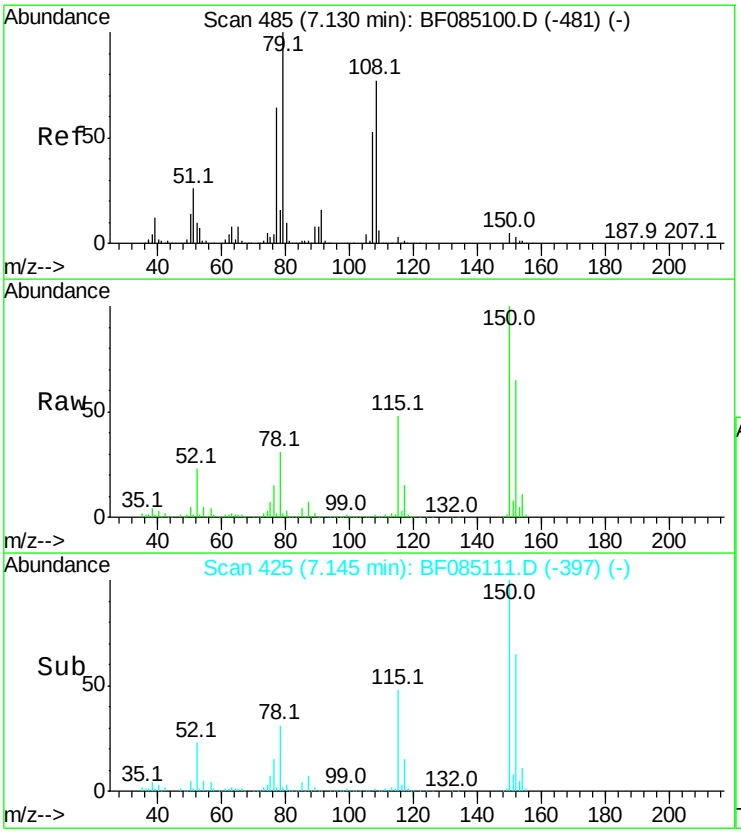
#11
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 6.76 min Scan# 391
Delta R.T. 0.03 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 2176

Ion	Ratio	Lower	Upper
93	100		
63	627.8	53.9	93.9#
95	294.4	13.8	53.8#

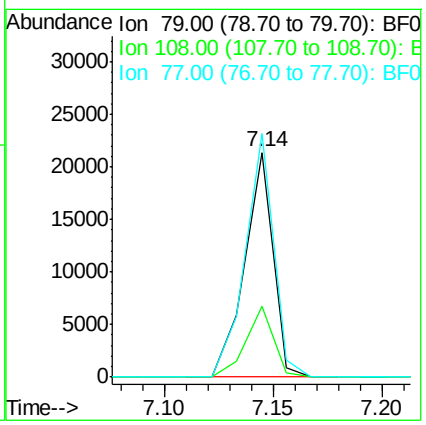


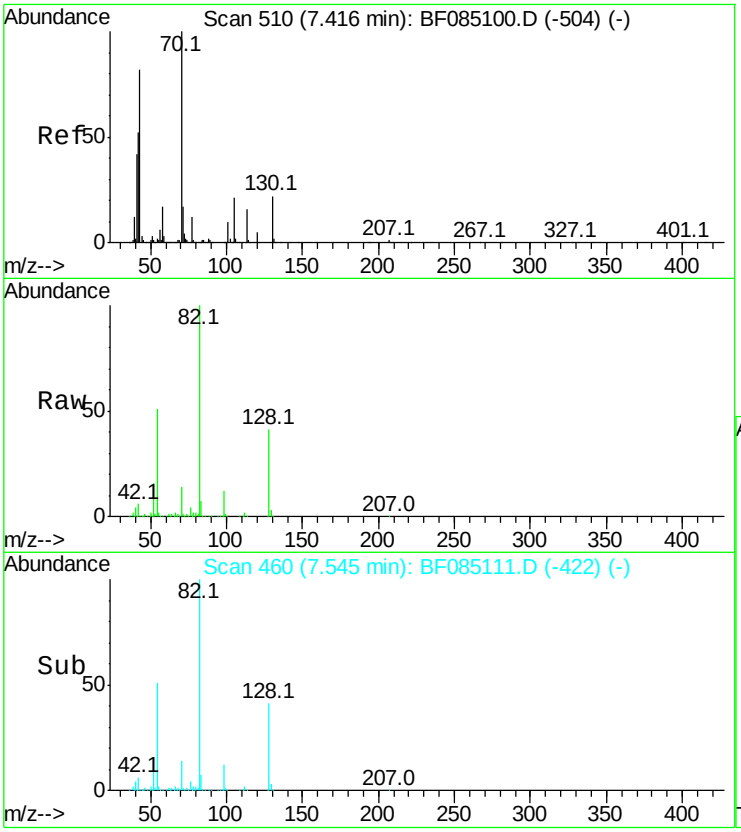


#15
Benzyl Alcohol
Concen: 1.91 ng
RT: 7.14 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion: 79 Resp: 19304

Ion	Ratio	Lower	Upper
79	100		
108	31.4	61.8	92.6#
77	108.3	51.2	76.8#



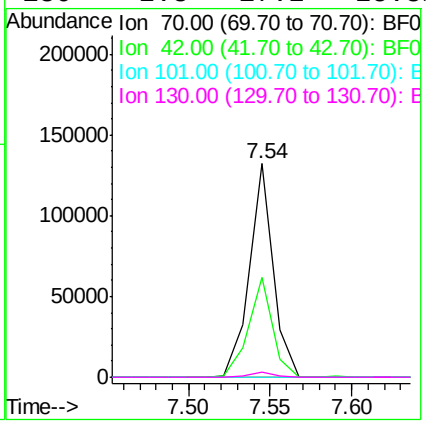


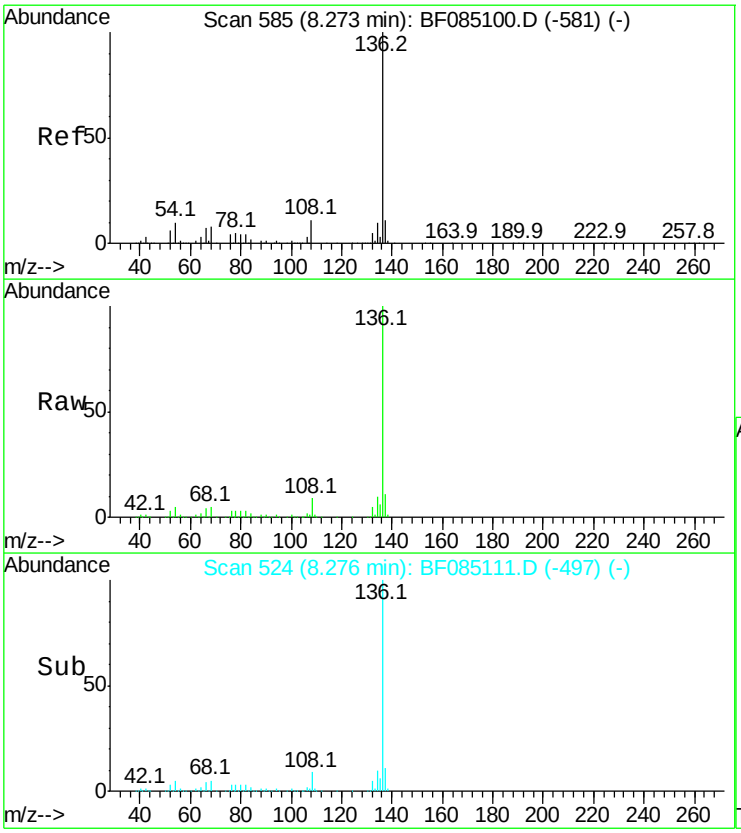
#19
n-Nitroso-di-n-propylamine
Concen: 14.71 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.13 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 134172

Ion	Ratio	Lower	Upper
70	100		
42	46.8	41.9	62.9
101	0.0	7.8	11.8#
130	2.3	17.2	25.8#

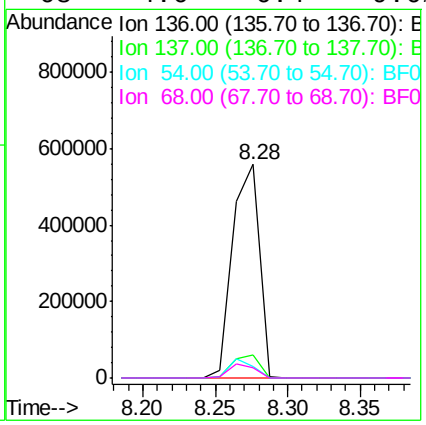


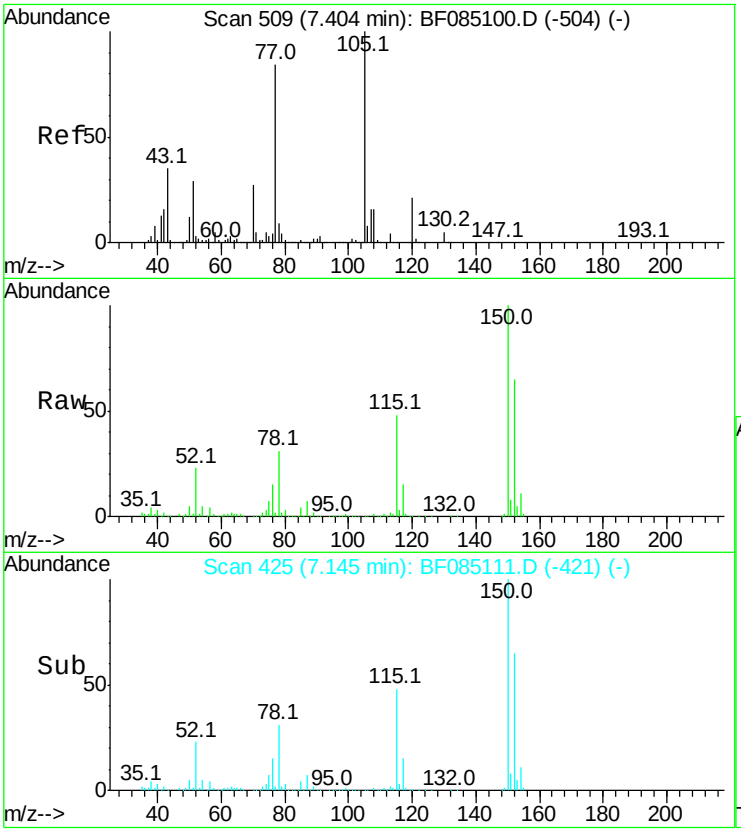


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:136 Resp: 716364

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.4	8.5	12.7#
68	4.6	6.4	9.6#



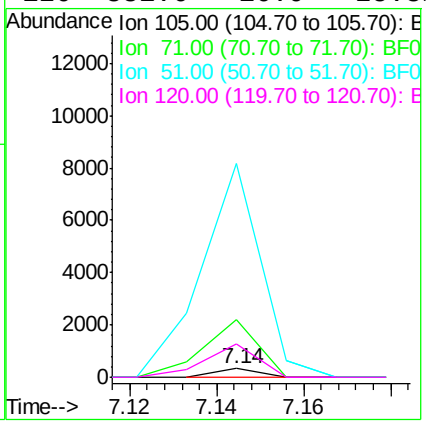


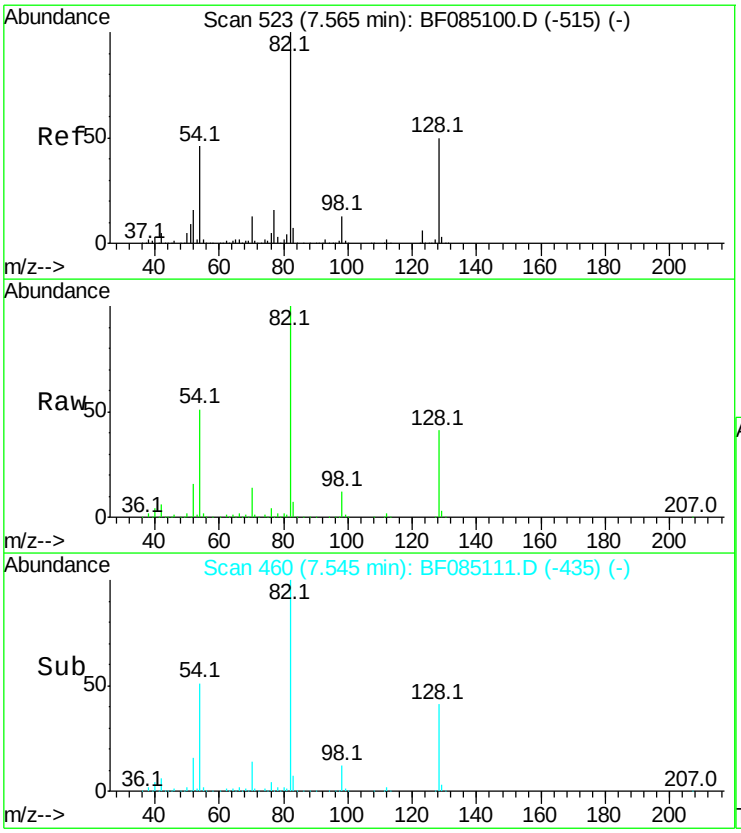
#22
Acetophenone
Concen: 0.01 ng
RT: 7.14 min Scan# 425
Delta R.T. -0.26 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 228

Ion	Ratio	Lower	Upper
105	100		
71	670.2	3.8	5.6#
51	2460.2	22.9	34.3#
120	381.6	16.9	25.3#

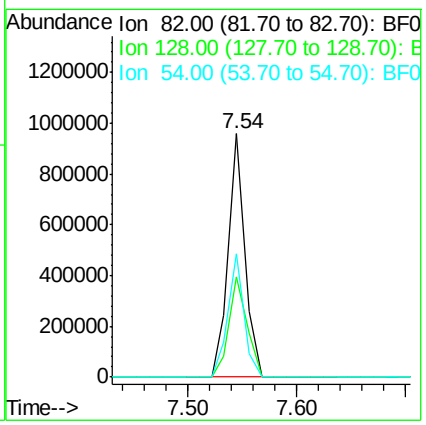


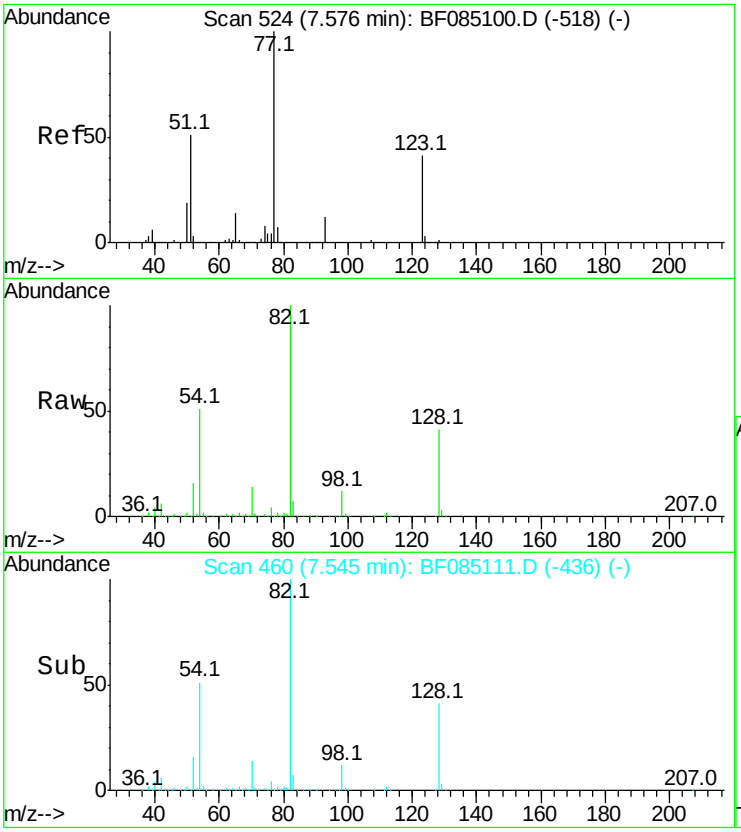


#23
Nitrobenzene-d5
Concen: 74.81 ng
RT: 7.54 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion: 82 Resp: 1007255

Ion	Ratio	Lower	Upper
82	100		
128	41.1	39.8	59.6
54	50.5	36.6	54.8



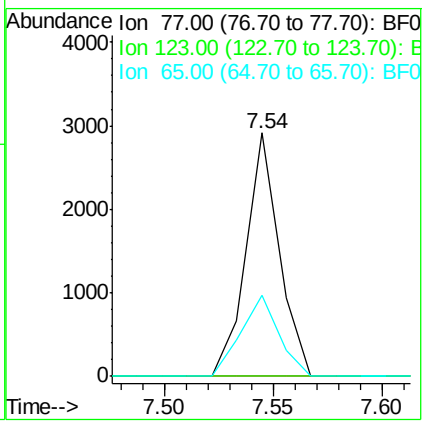


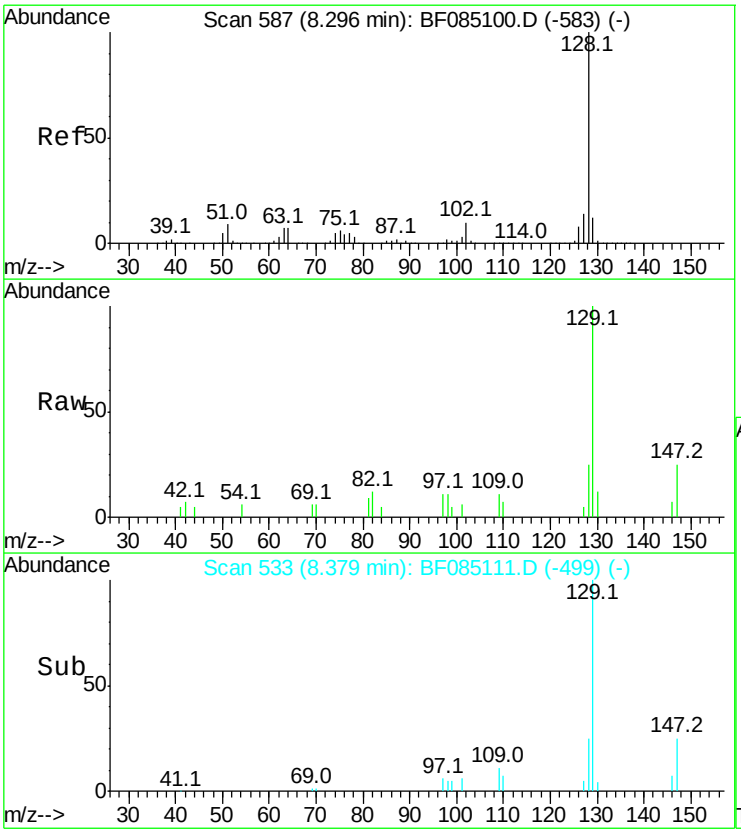
#24
Nitrobenzene
Concen: 0.22 ng
RT: 7.54 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 3101

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.4	50.2#
65	33.6	10.9	16.3#

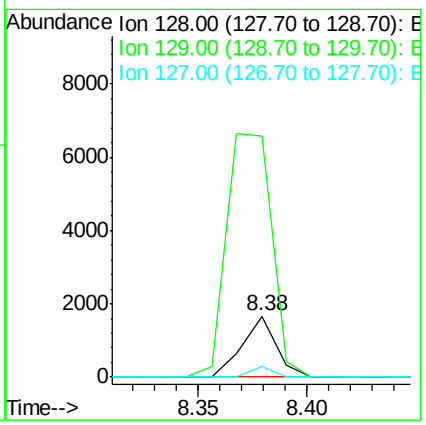


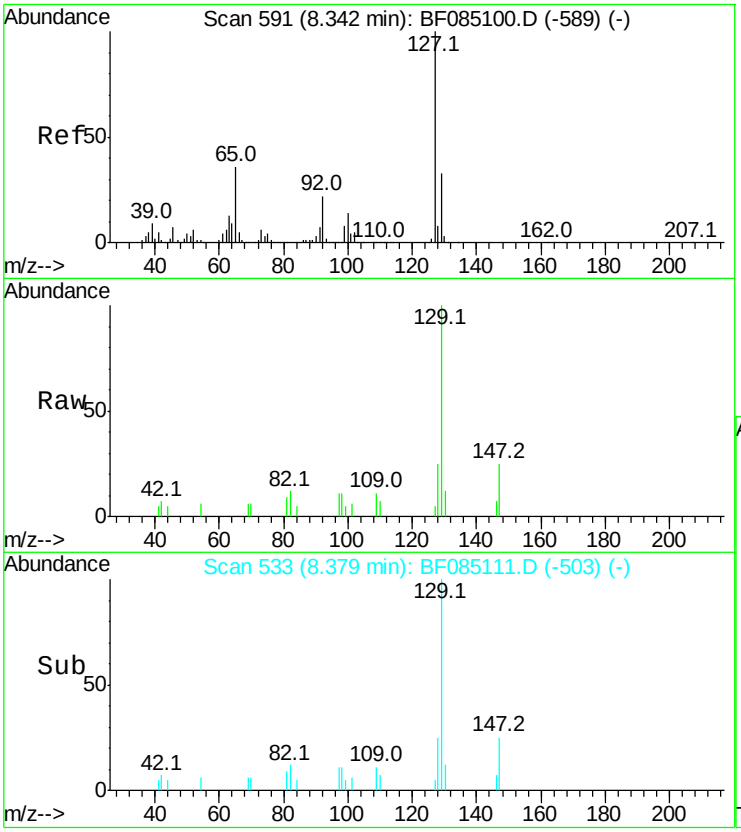


#31
Naphthalene
Concen: 0.05 ng
RT: 8.38 min Scan# 533
Delta R.T. 0.08 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:128 Resp: 1791

Ion	Ratio	Lower	Upper
128	100		
129	394.6	9.7	14.5#
127	18.3	11.1	16.7#



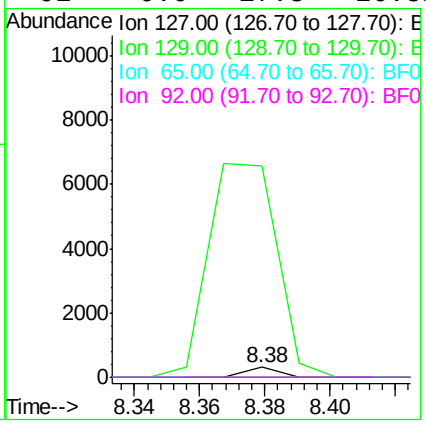


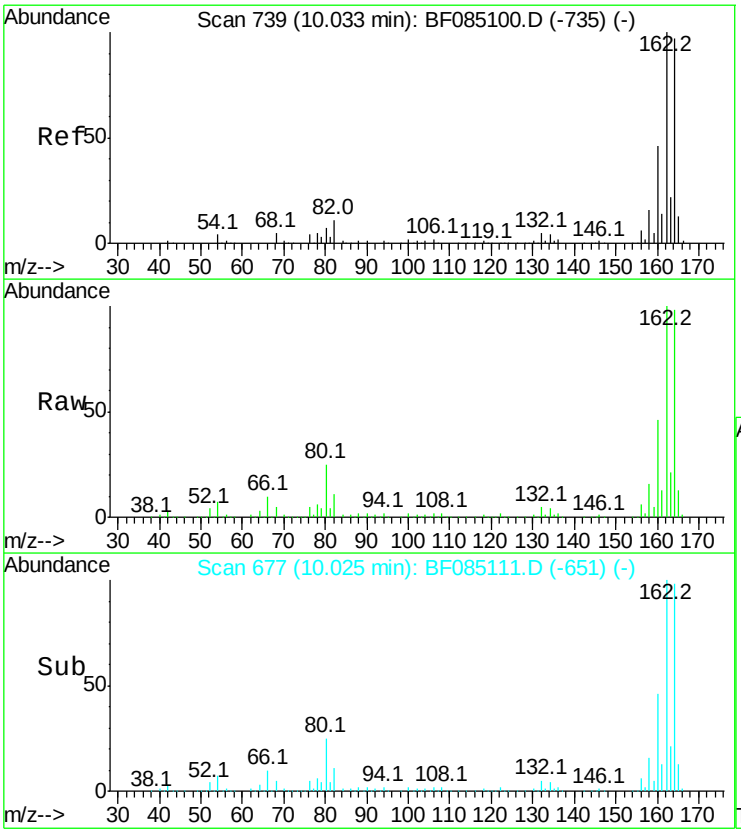
#33
4-Chloroaniline
Concen: 0.01 ng
RT: 8.38 min Scan# 533
Delta R.T. 0.04 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 209

Ion	Ratio	Lower	Upper
127	100		
129	2155.4	26.3	39.5#
65	0.0	28.6	43.0#
92	0.0	17.8	26.8#

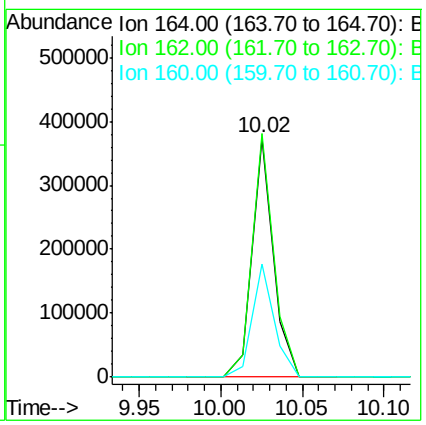


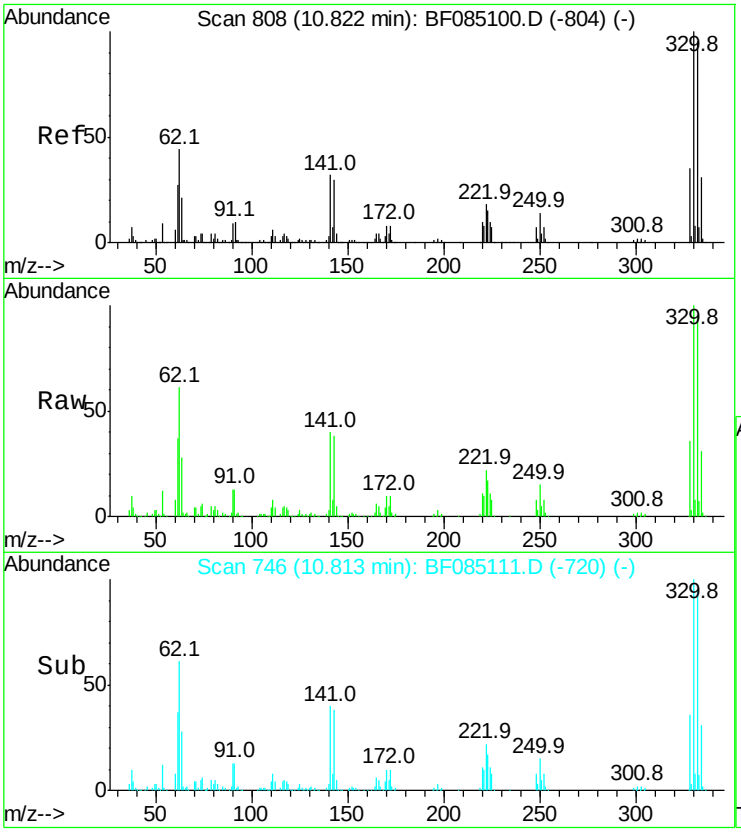


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:164 Resp: 339847

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	47.2	38.2	57.2

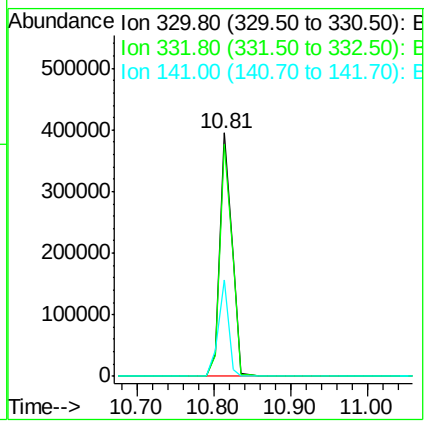




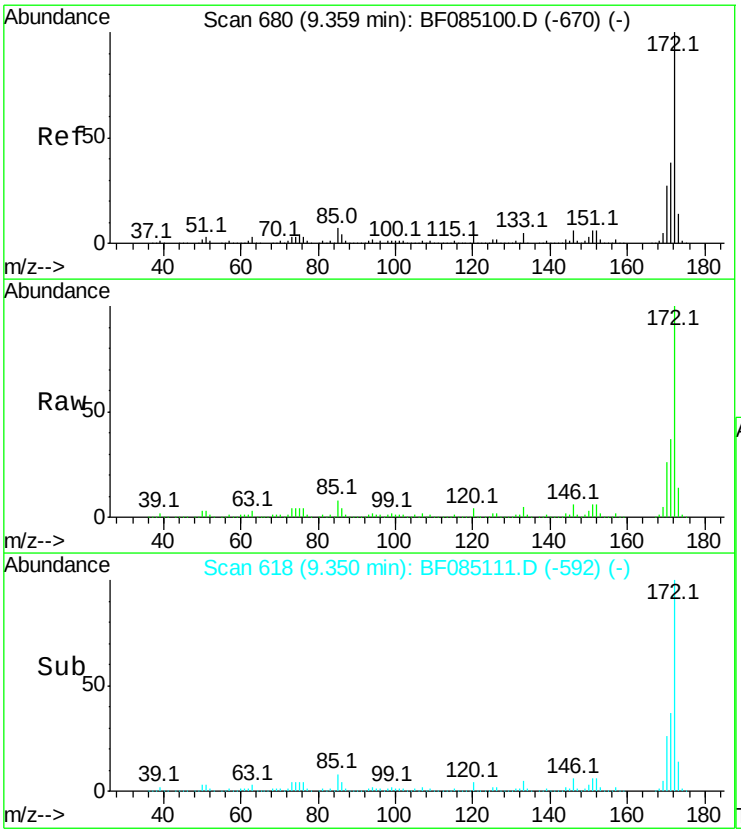
#41
2,4,6-Tribromophenol
Concen: 127.99 ng
RT: 10.81 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:330 Resp: 437120

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.9	113.9
141	33.7	28.9	43.3



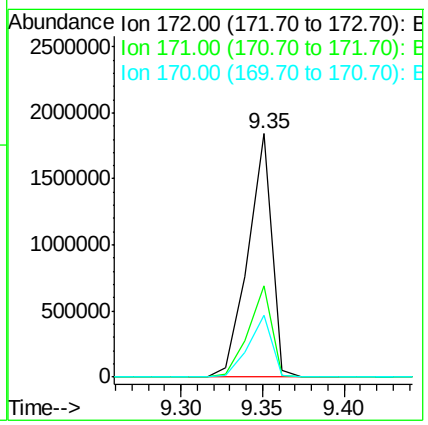
Instrument :
BNA_F
ClientSampleId :

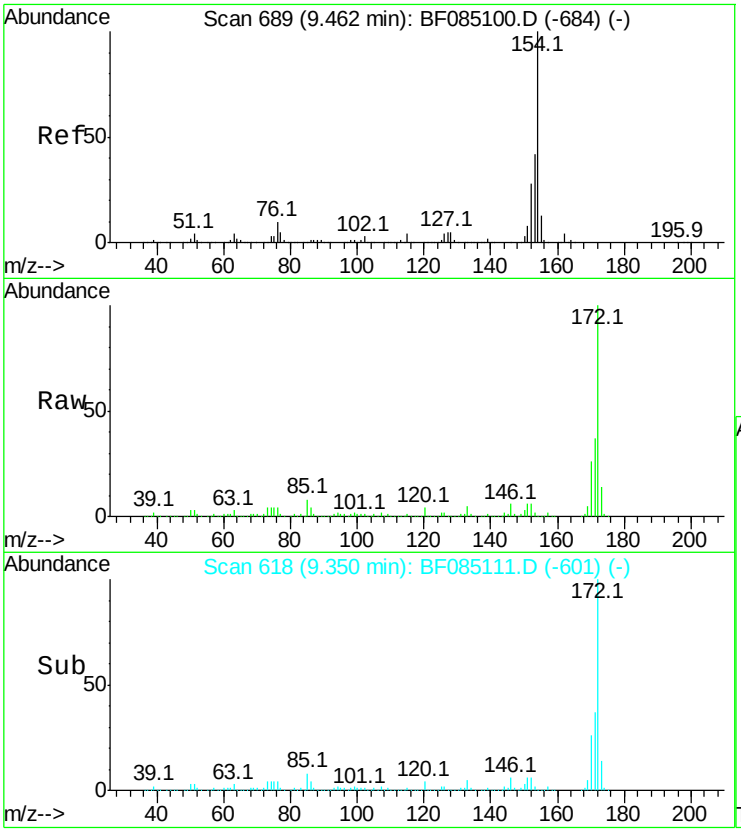


#44
2-Fluorobiphenyl
Concen: 80.93 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:172 Resp: 1867556

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	25.6	21.2	31.8



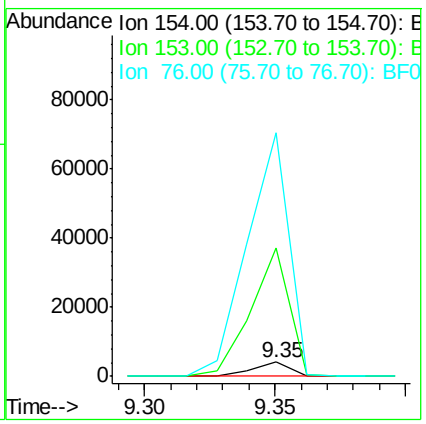


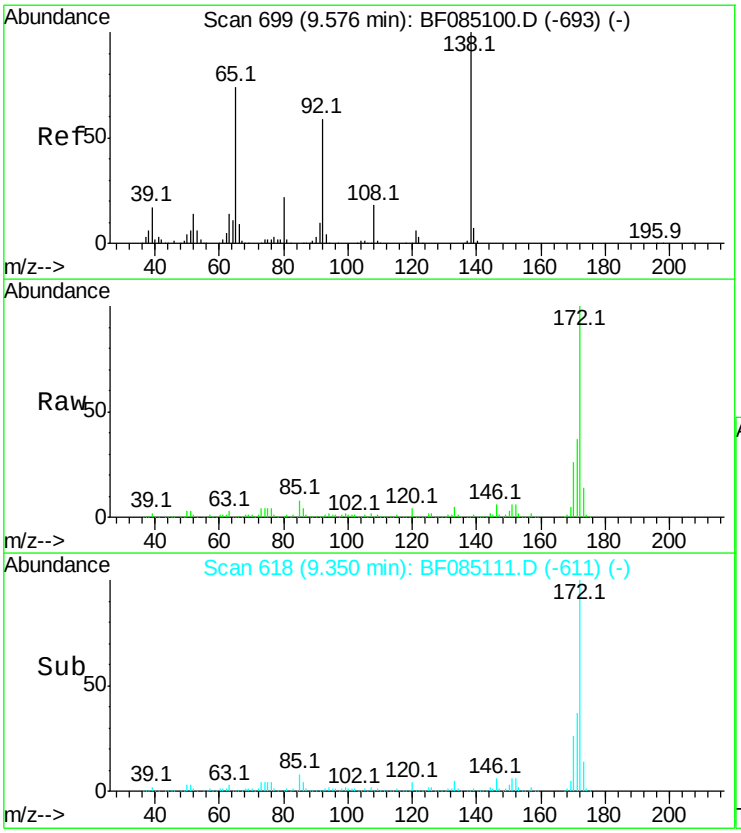
#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.11 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 3961

Ion	Ratio	Lower	Upper
154	100		
153	897.7	21.5	61.5#
76	1694.2	0.0	29.7#

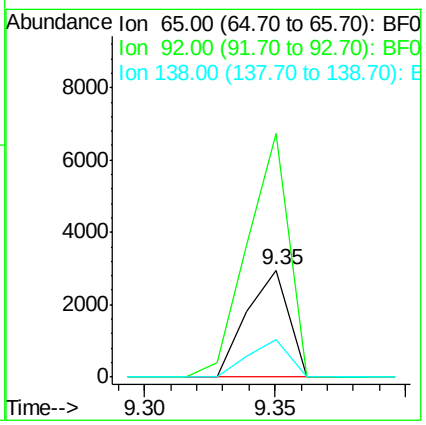


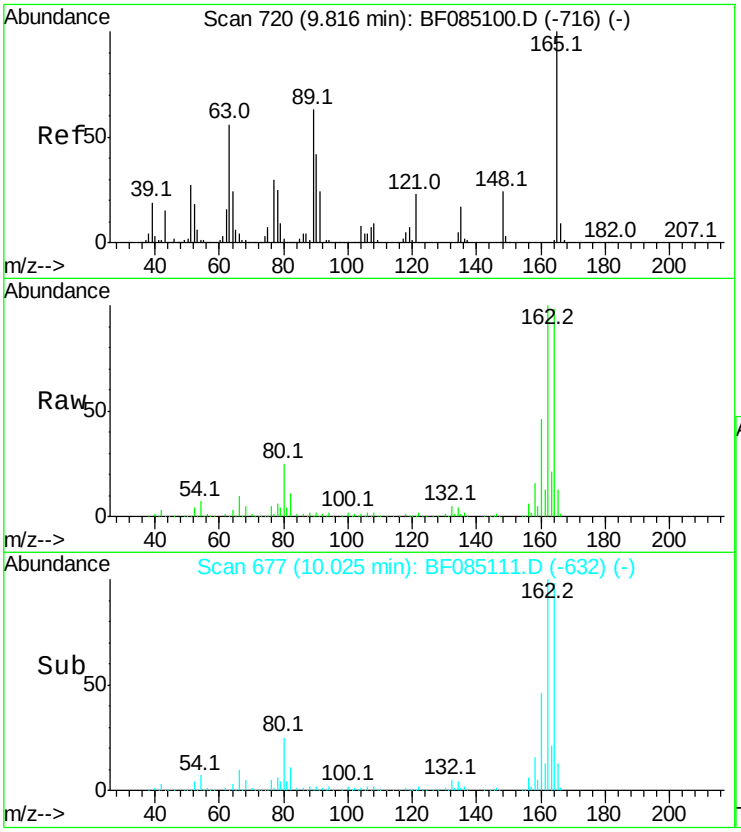


#47
2-Nitroaniline
Concen: 0.47 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.23 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion: 65 Resp: 3271

Ion	Ratio	Lower	Upper
65	100		
92	227.9	63.8	95.6#
138	35.0	108.5	162.7#



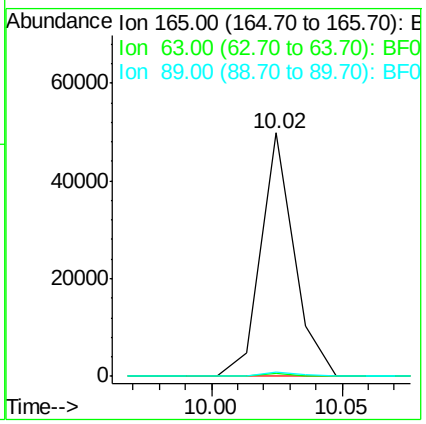


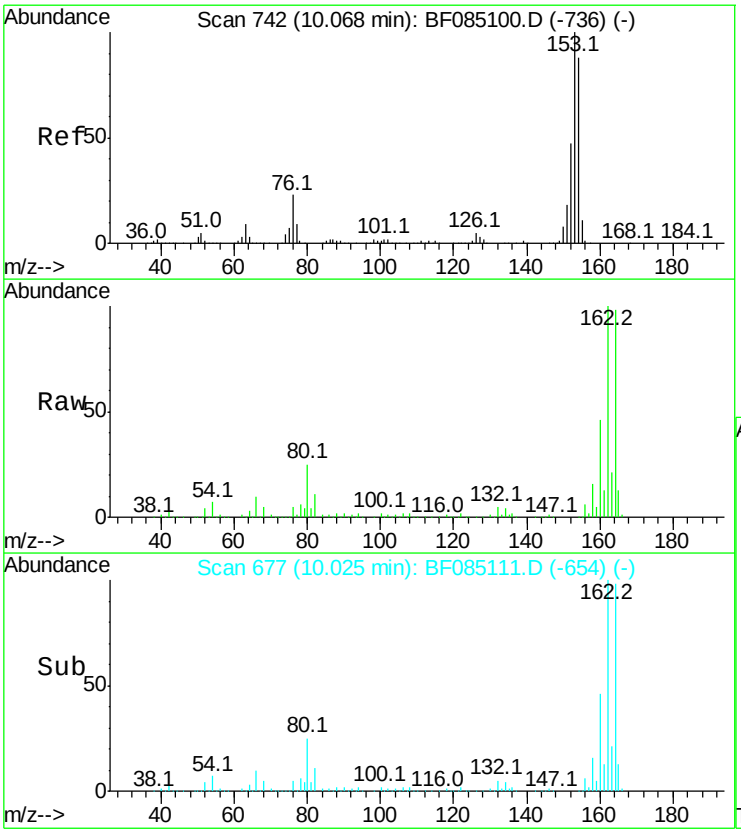
#50
2,6-Dinitrotoluene
Concen: 8.52 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44519

Ion	Ratio	Lower	Upper
165	100		
63	1.1	47.4	71.2#
89	1.8	50.2	75.2#

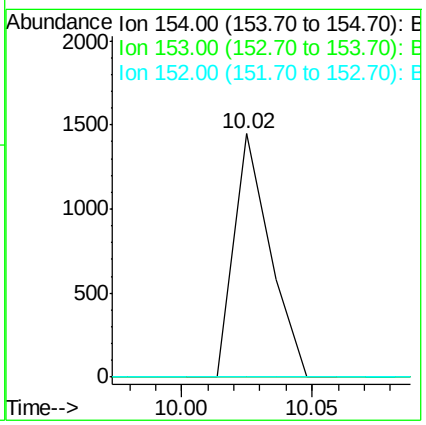


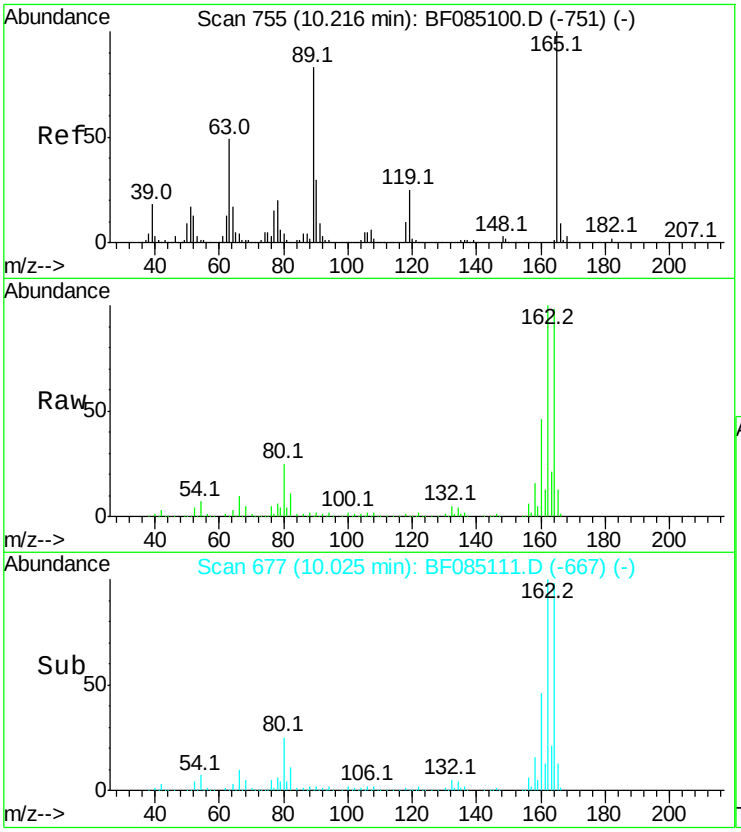


#51
Acenaphthene
Concen: 0.07 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.04 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:154 Resp: 1394

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.0	136.6#
152	0.0	43.0	64.6#



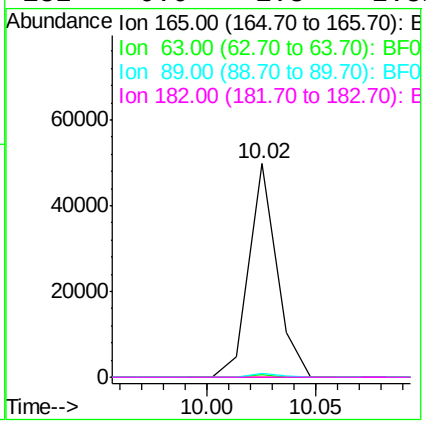


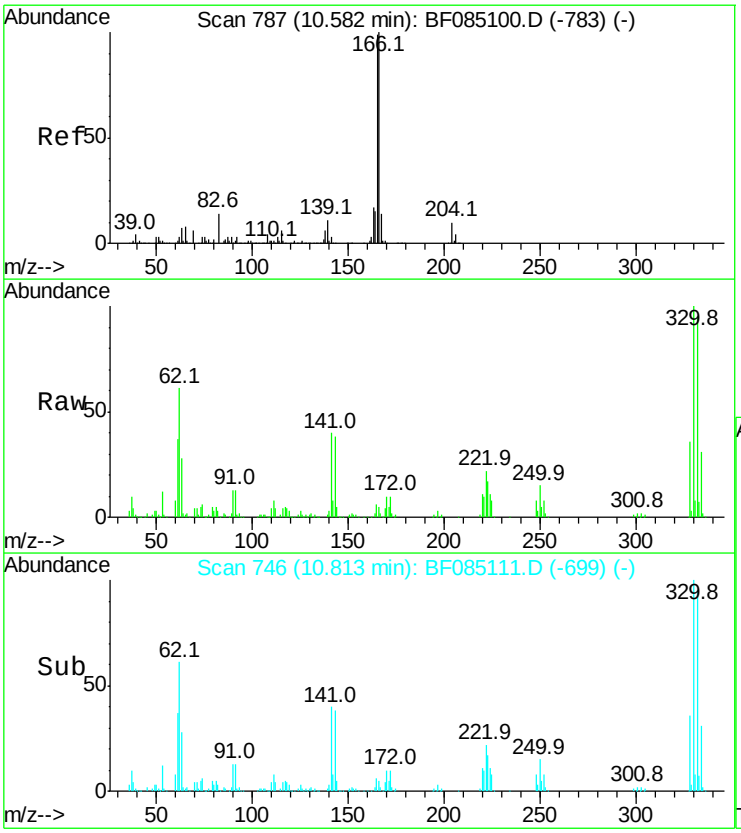
#56
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44511

Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.2	58.8#
89	1.8	66.2	99.4#
182	0.0	1.8	2.8#

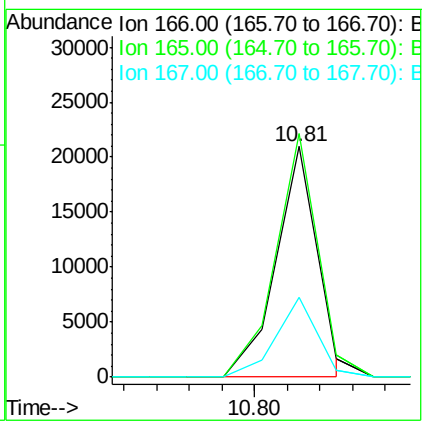


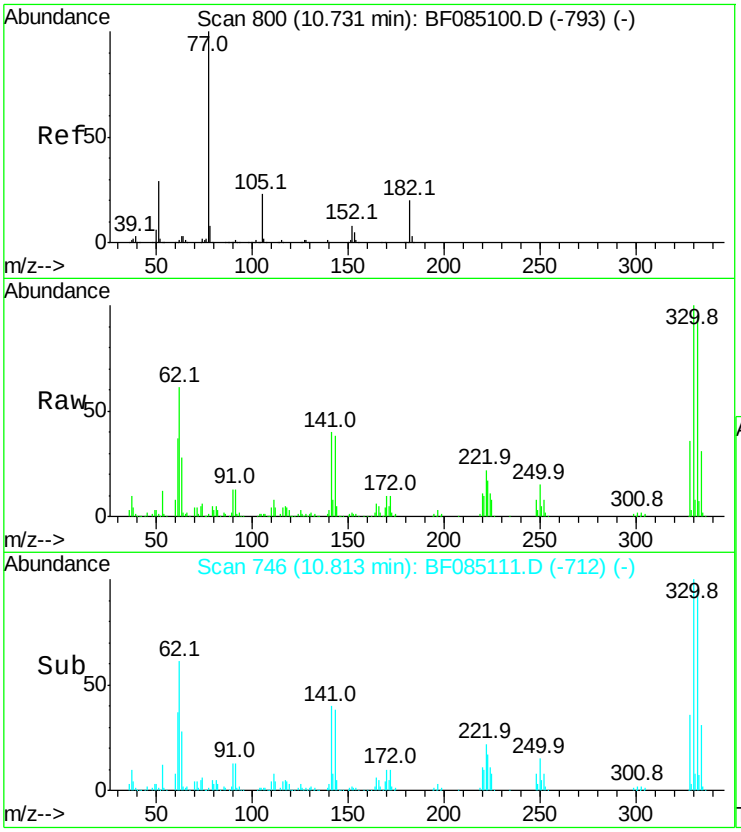


#57
Fluorene
Concen: 0.88 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.23 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:166 Resp: 18539

Ion	Ratio	Lower	Upper
166	100		
165	105.7	79.4	119.2
167	34.8	11.2	16.8#



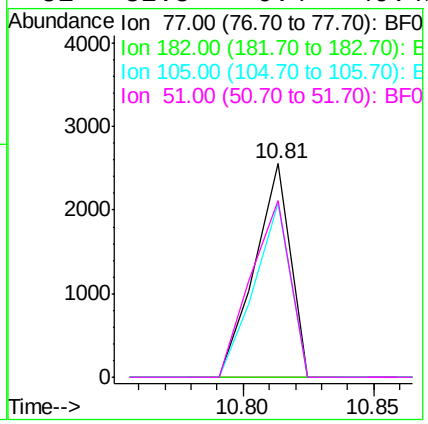


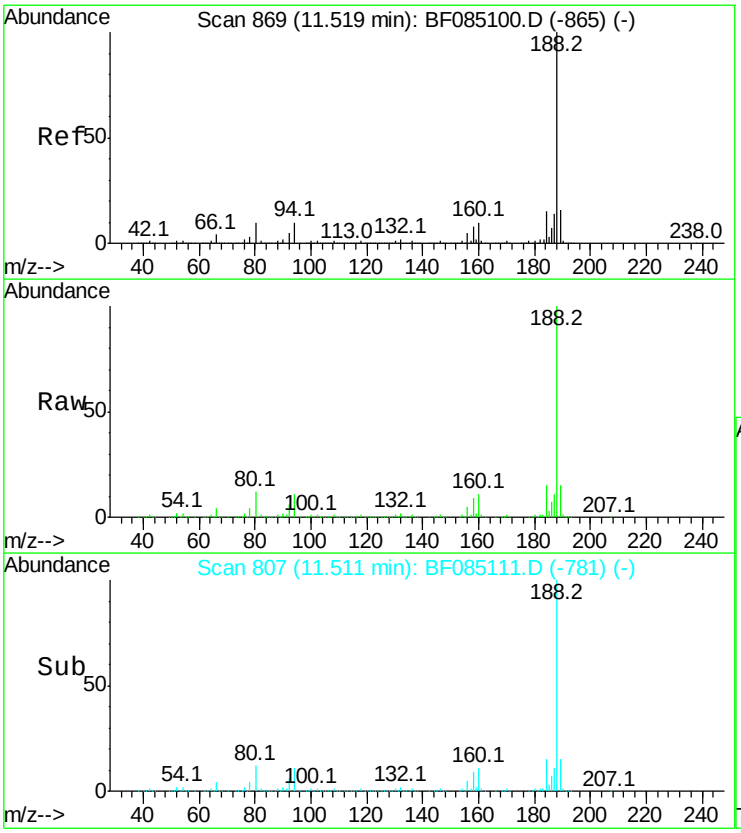
#62
Azobenzene
Concen: 0.10 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.08 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 2461

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	39.8
105	81.2	2.7	42.7#
51	82.5	9.4	49.4#

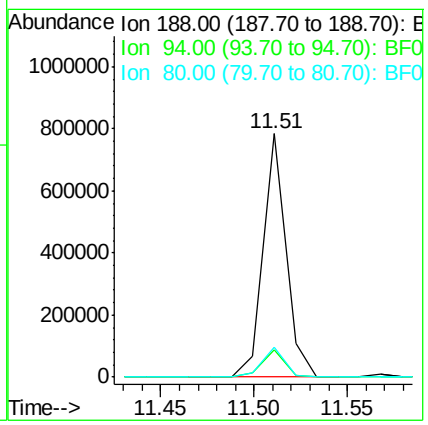


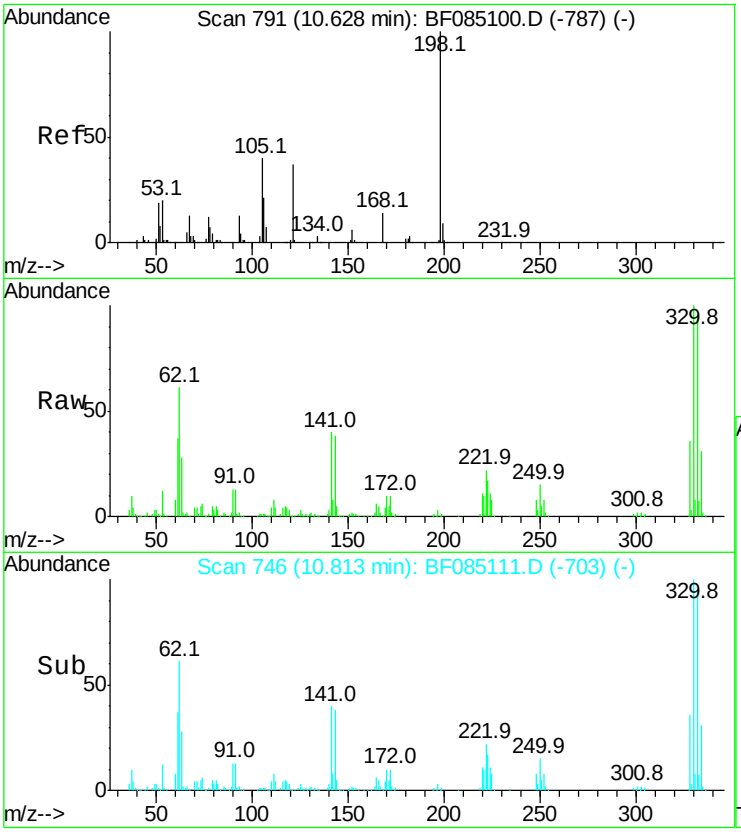


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:188 Resp: 661072

Ion	Ratio	Lower	Upper
188	100		
94	11.3	7.8	11.6
80	12.4	8.2	12.4#



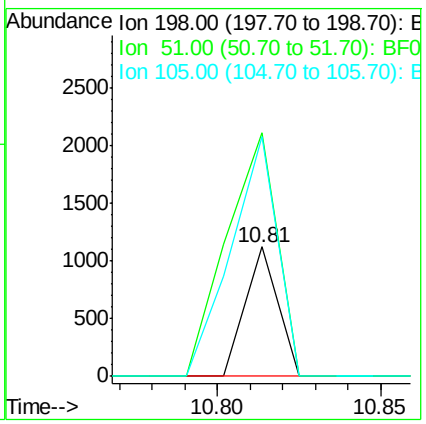


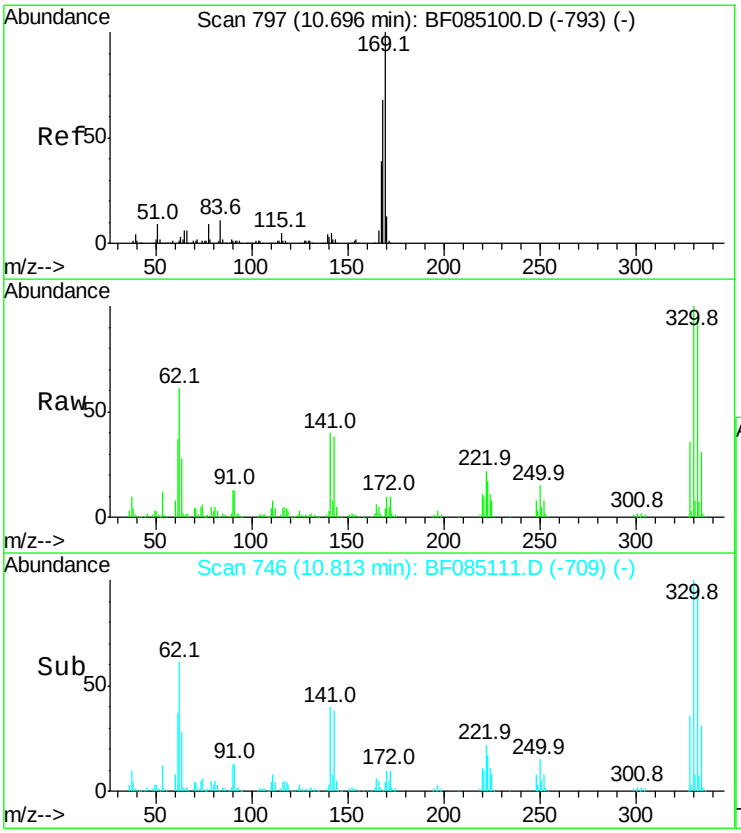
#64
4,6-Dinitro-2-methylphenol
Concen: 7.37 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.19 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 770

Ion	Ratio	Lower	Upper
198	100		
51	187.8	12.5	52.5#
105	185.0	20.2	60.2#

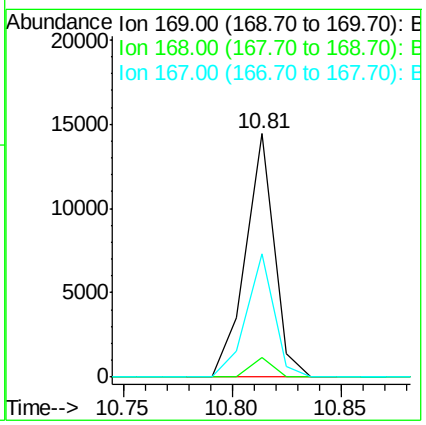


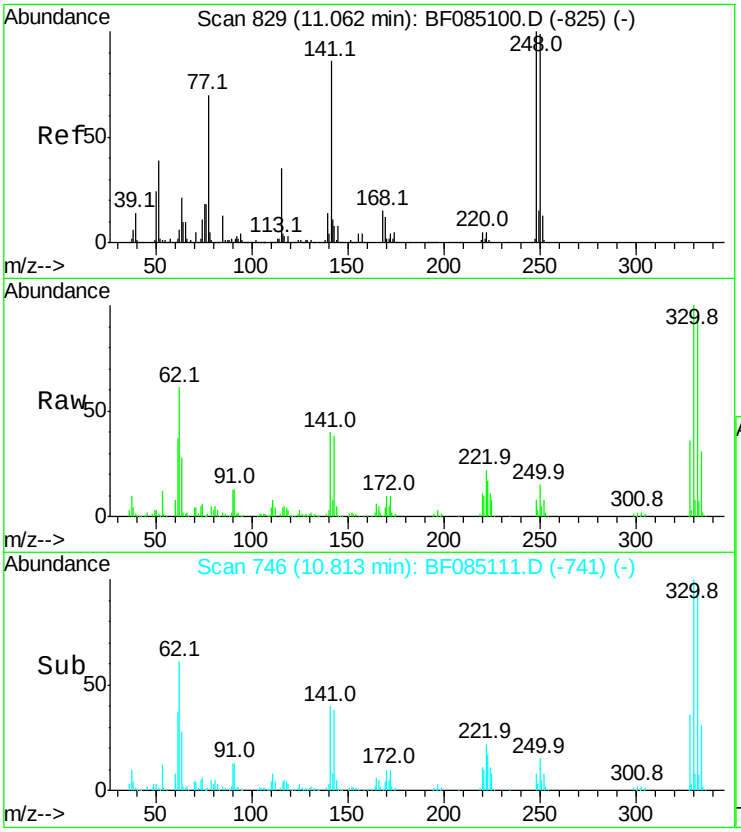


#65
n-Nitrosodiphenylamine
Concen: 0.64 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.12 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:169 Resp: 13284

Ion	Ratio	Lower	Upper
169	100		
168	7.8	54.6	81.8#
167	50.5	30.8	46.2#



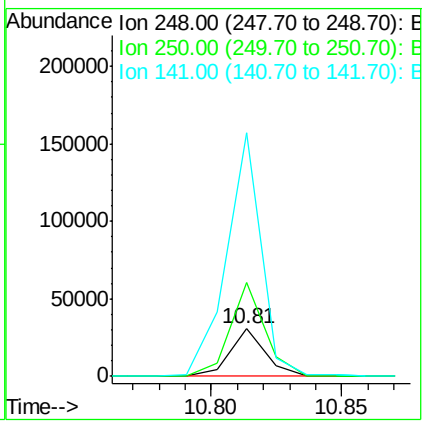


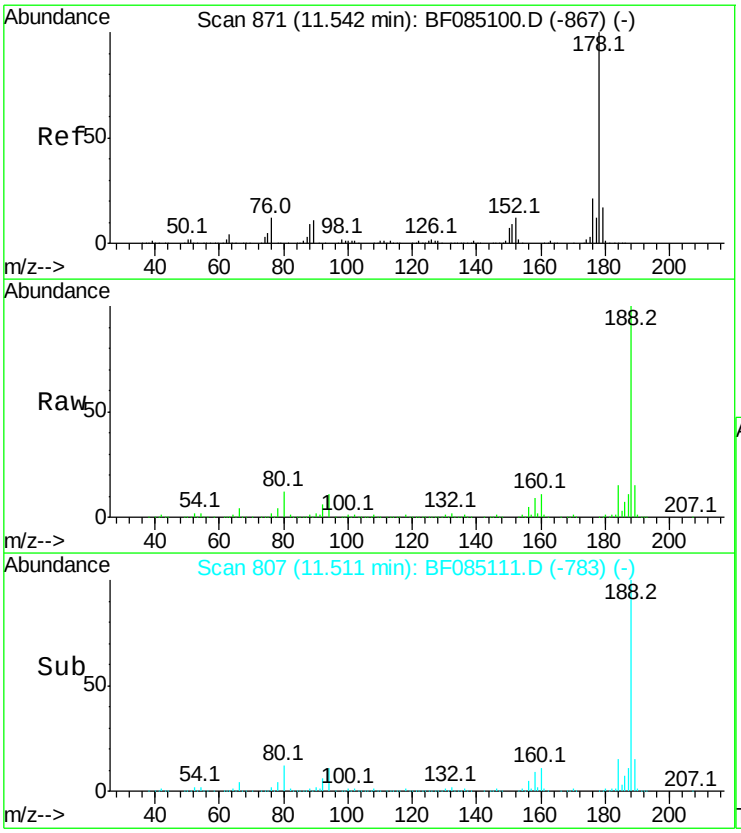
#66
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 10.81 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 28660

Ion	Ratio	Lower	Upper
248	100		
250	196.8	79.0	118.4#
141	511.3	68.6	103.0#

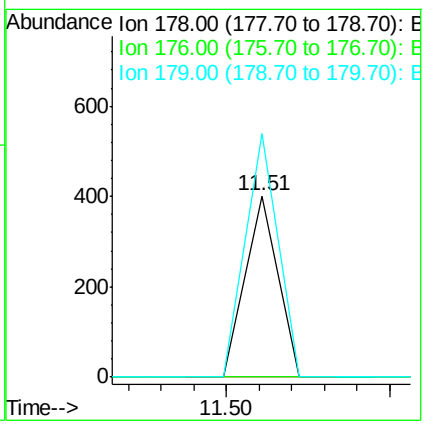


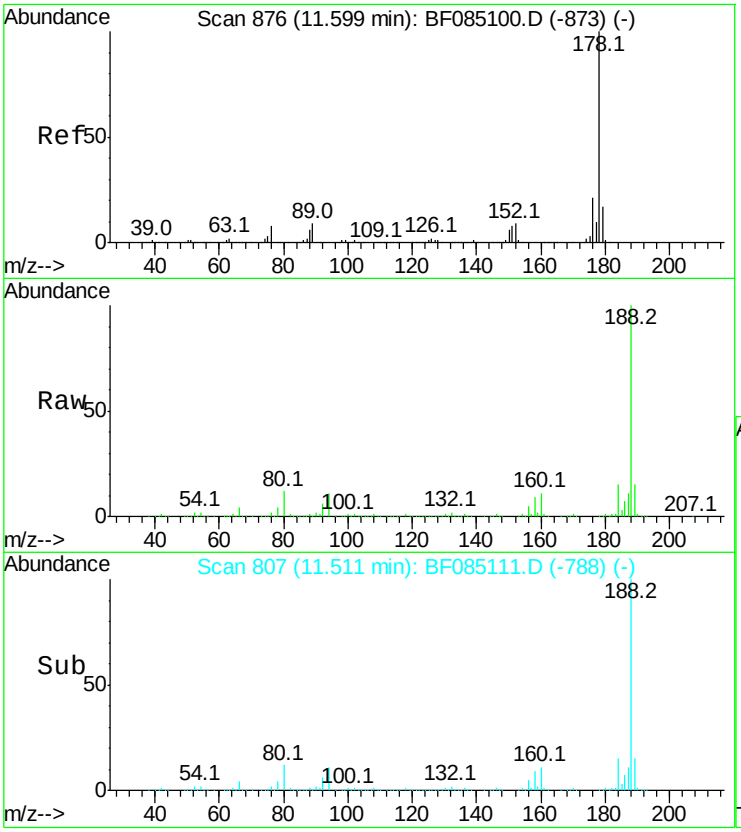


#70
Phenanthrene
Concen: 0.01 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:178 Resp: 275

Ion	Ratio	Lower	Upper
178	100		
176	0.0	17.0	25.6#
179	134.4	13.3	19.9#



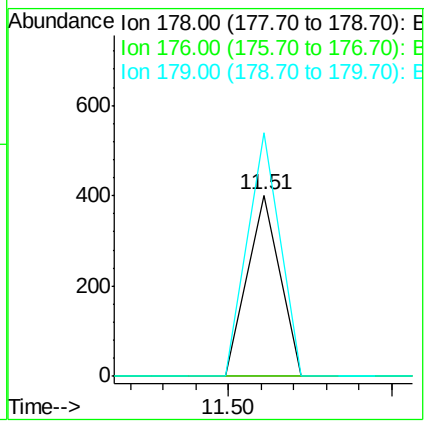


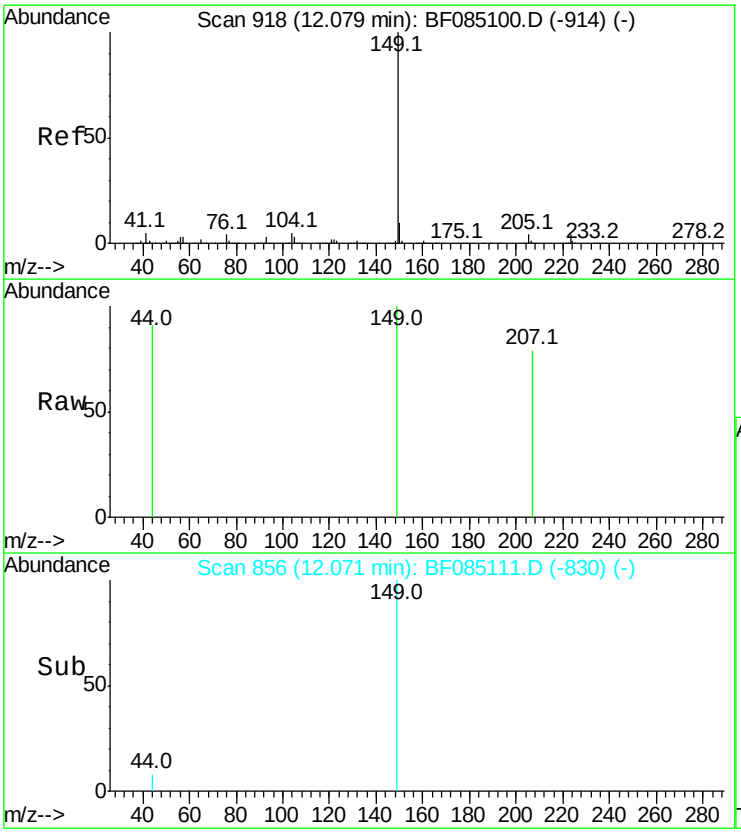
#71
Anthracene
Concen: 0.01 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.09 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 275

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.6	25.0#
179	134.4	13.2	19.8#

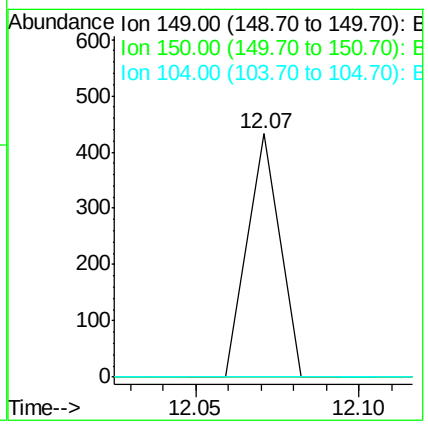


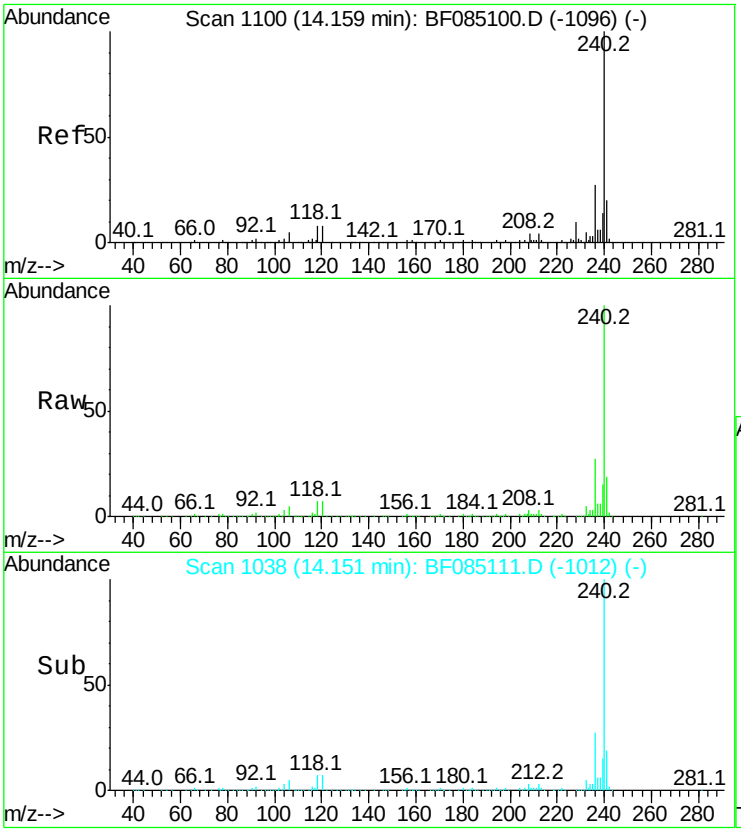


#73
Di-n-butylphthalate
Concen: 0.01 ng
RT: 12.07 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:149 Resp: 297

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	3.7	5.5#



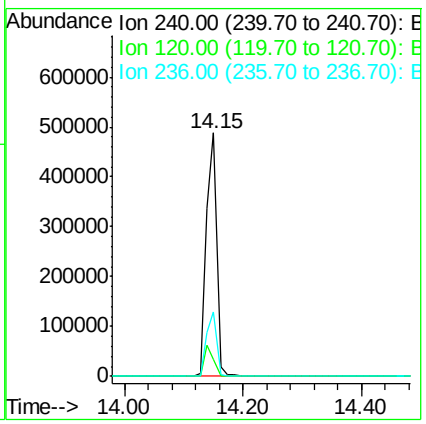


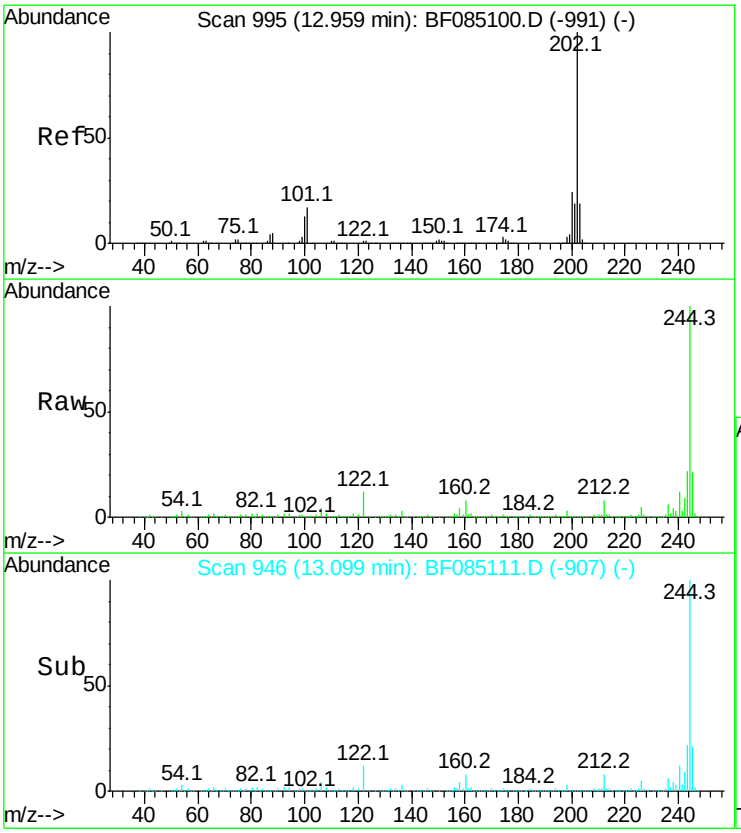
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 592088

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.7	10.1
236	26.7	21.6	32.4

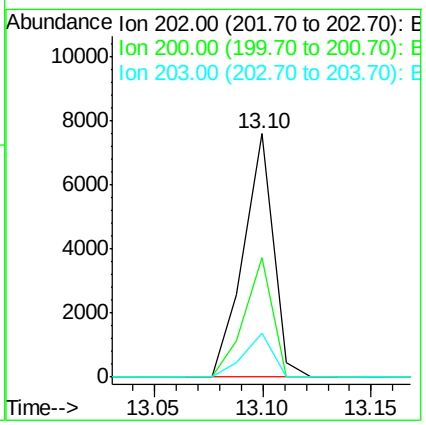


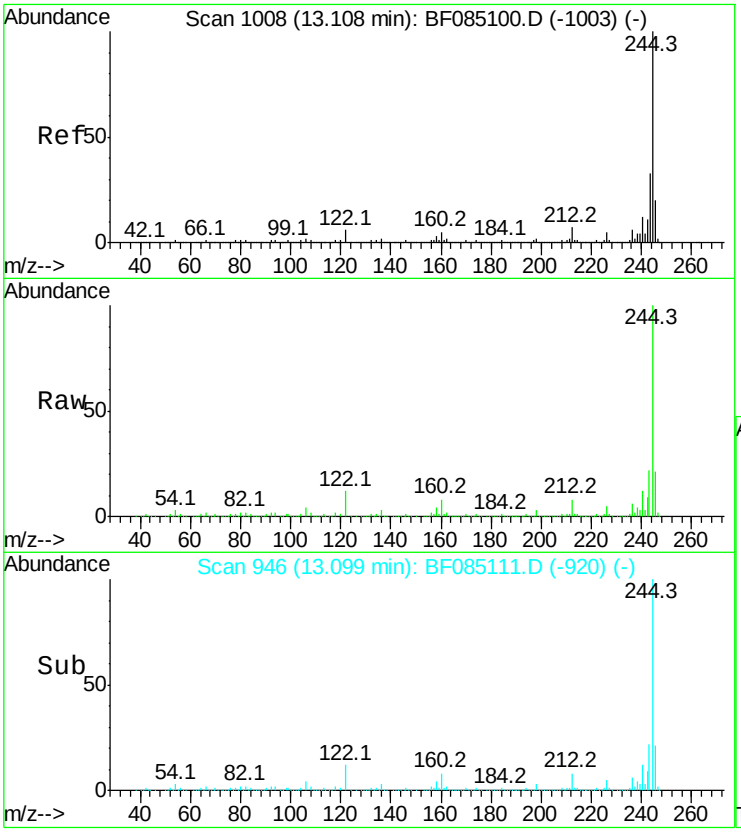


#77
Pyrene
Concen: 0.18 ng
RT: 13.10 min Scan# 946
Delta R.T. 0.14 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:202 Resp: 7289

Ion	Ratio	Lower	Upper
202	100		
200	49.3	19.0	28.6#
203	18.2	15.0	22.6



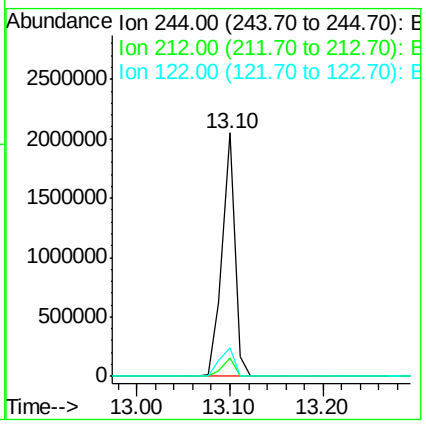


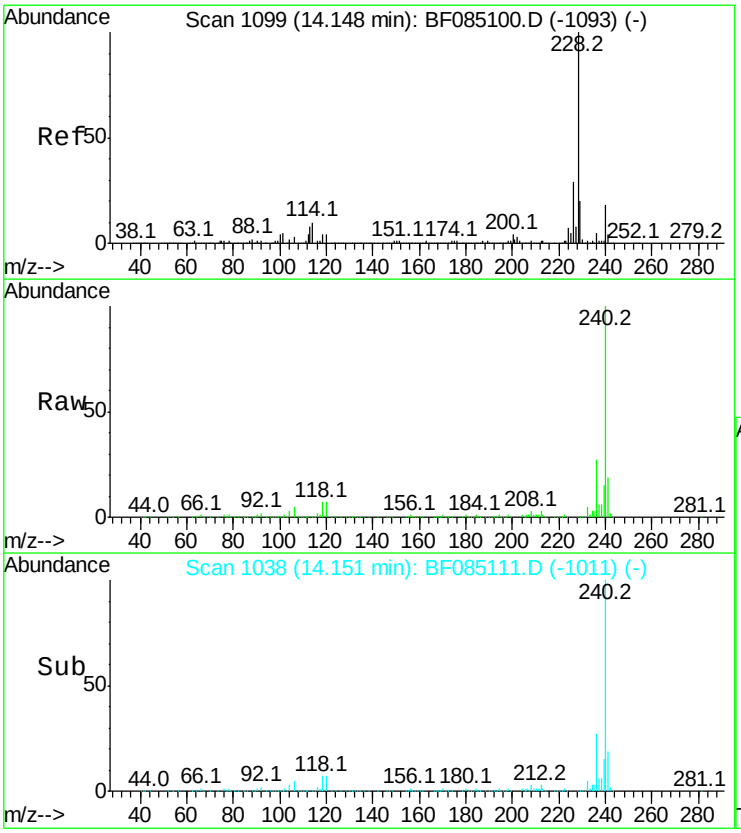
#78
Terphenyl-d14
Concen: 77.77 ng
RT: 13.10 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1962934

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	12.0	5.1	7.7#

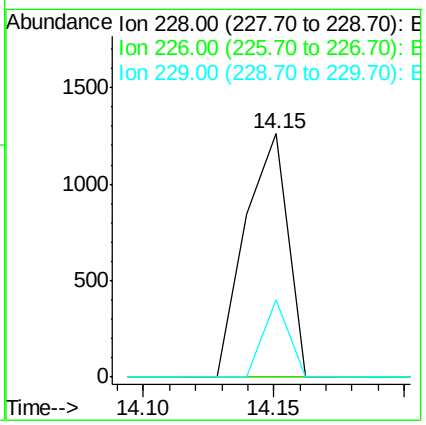


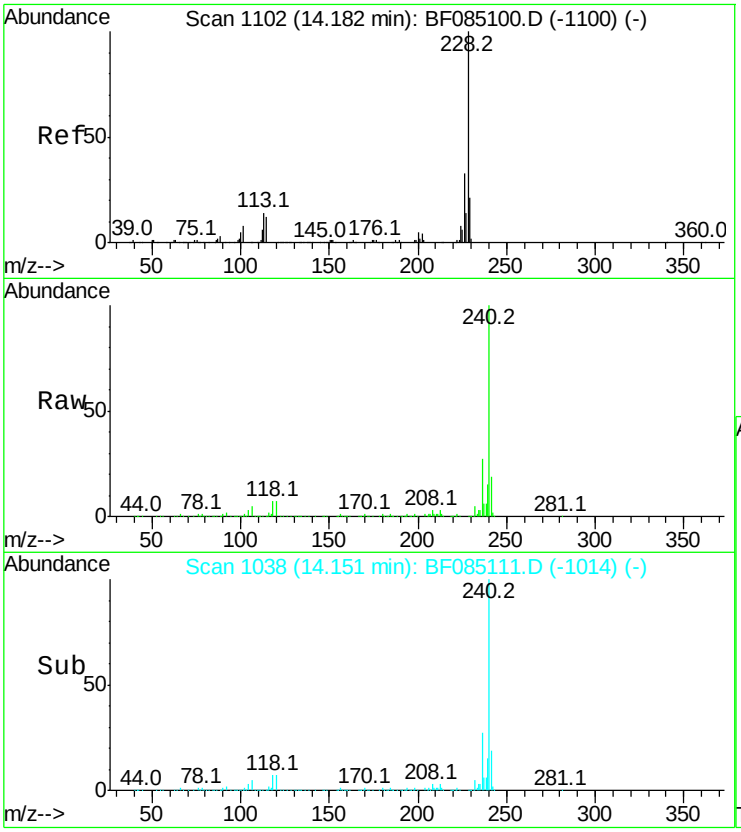


#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 14.15 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:228 Resp: 1447

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.4#
229	31.5	16.1	24.1#



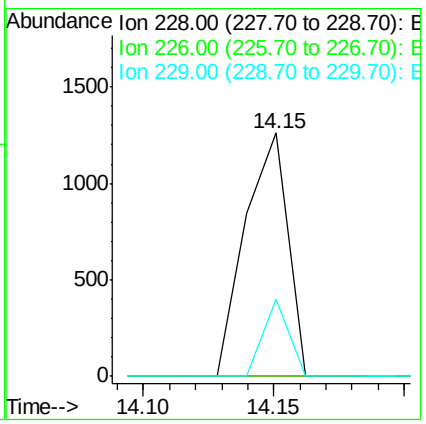


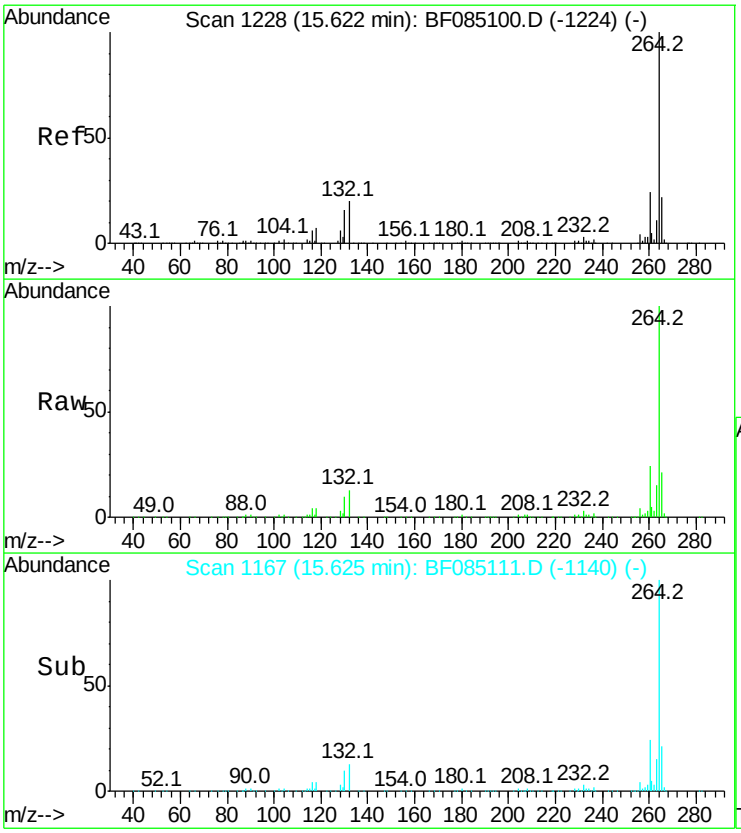
#82
Chrysene
Concen: 0.05 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1447

Ion	Ratio	Lower	Upper
228	100		
226	0.0	26.2	39.4#
229	31.5	16.5	24.7#

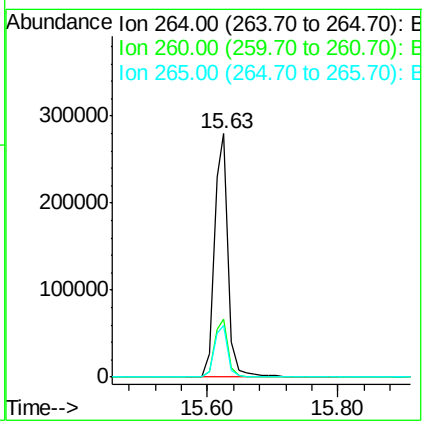


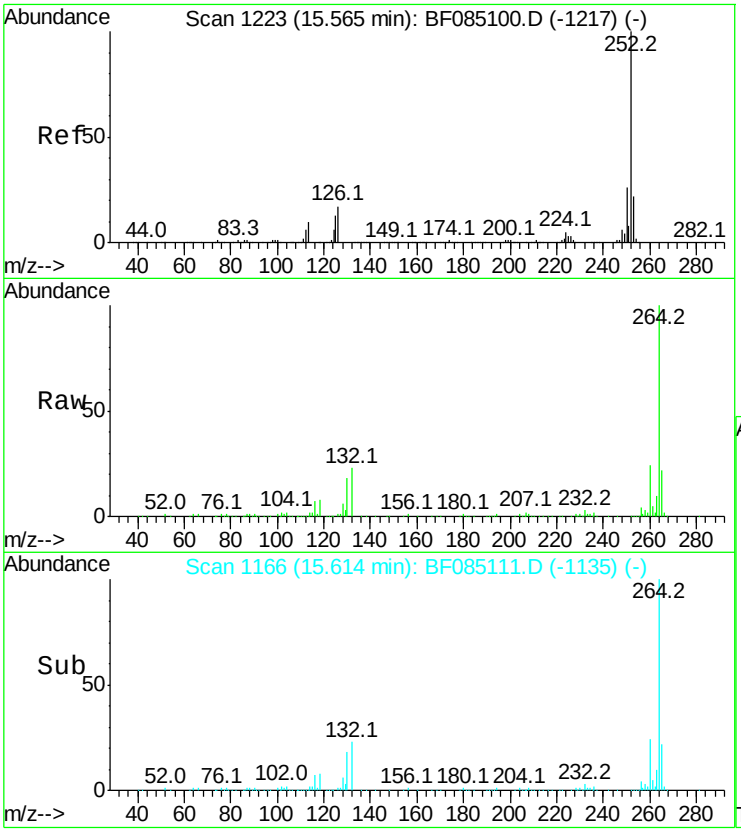


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:264 Resp: 412212

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.0	17.4	26.2





#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 15.61 min Scan# 1166
Delta R.T. 0.05 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1173

Ion	Ratio	Lower	Upper
252	100		
253	35.2	18.0	27.0#
125	0.0	10.2	15.2#