Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
Data File : BF077772.D
Acq On : 17 Mar 2015 15:08
Operator : TP/IZ
Sample : G1412-11DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-4(7.0-7.5)DL

Quant Time: Mar 18 00:04:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 00:52:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	50173	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	202162	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	102315	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	203432	20.00	ng		0.00
75) Chrysene-d12	16.02	240	223816	20.00	ng		-0.01
86) Perylene-d12	17.72	264	219303	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	25205	8.77	ng		0.00
7) Phenol-d6	6.73	99	32014	9.01	ng		0.00
23) Nitrobenzene-d5	7.85	82	32024	10.38	ng		-0.01
41) 2,4,6-Tribromophenol	11.89	330	6057	6.19	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	42674	6.13	ng		0.00
78) Terphenyl-d14	14.74	244	49562	5.41	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	3317	2.28	ng	#	1
18) Hexachloroethane	7.74	117	5438	4.19	ng	#	1
19) n-Nitroso-di-n-propylamine	7.66	70	10128	4.12	ng	#	56
22) Acetophenone	7.65	105	85511	19.11	ng	#	55
24) Nitrobenzene	7.82	77	12651	3.81	ng	#	28
25) Isophorone	8.16	82	14810	2.38	ng	#	1
31) Naphthalene	8.76	128	106075	10.22	ng	#	86
32) Benzoic acid	8.49	122	1380	3.87	ng	#	1
35) Caprolactam	9.30	113	18219	22.07	ng	#	1
37) 2-Methylnaphthalene	9.62	142	222270	31.87	ng		97
45) 1,1'-Biphenyl	10.20	154	49542	6.06	ng		97
56) 2,4-Dinitrotoluene	11.17	165	7839	3.82	ng	#	61
57) Fluorene	11.59	166	38727	4.96	ng	#	85
64) 4,6-Dinitro-2-methylphenol	11.69	198	208	4.49	ng	#	1
65) n-Nitrosodiphenylamine	11.75	169	36328	5.36	ng	#	43
70) Phenanthrene	12.77	178	83183	7.12	ng	#	96
71) Anthracene	12.77	178	71153	6.17	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
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Acq On : 17 Mar 2015 15:08
Operator : TP/IZ
Sample : G1412-11DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Quant Time: Mar 18 00:04:43 2015
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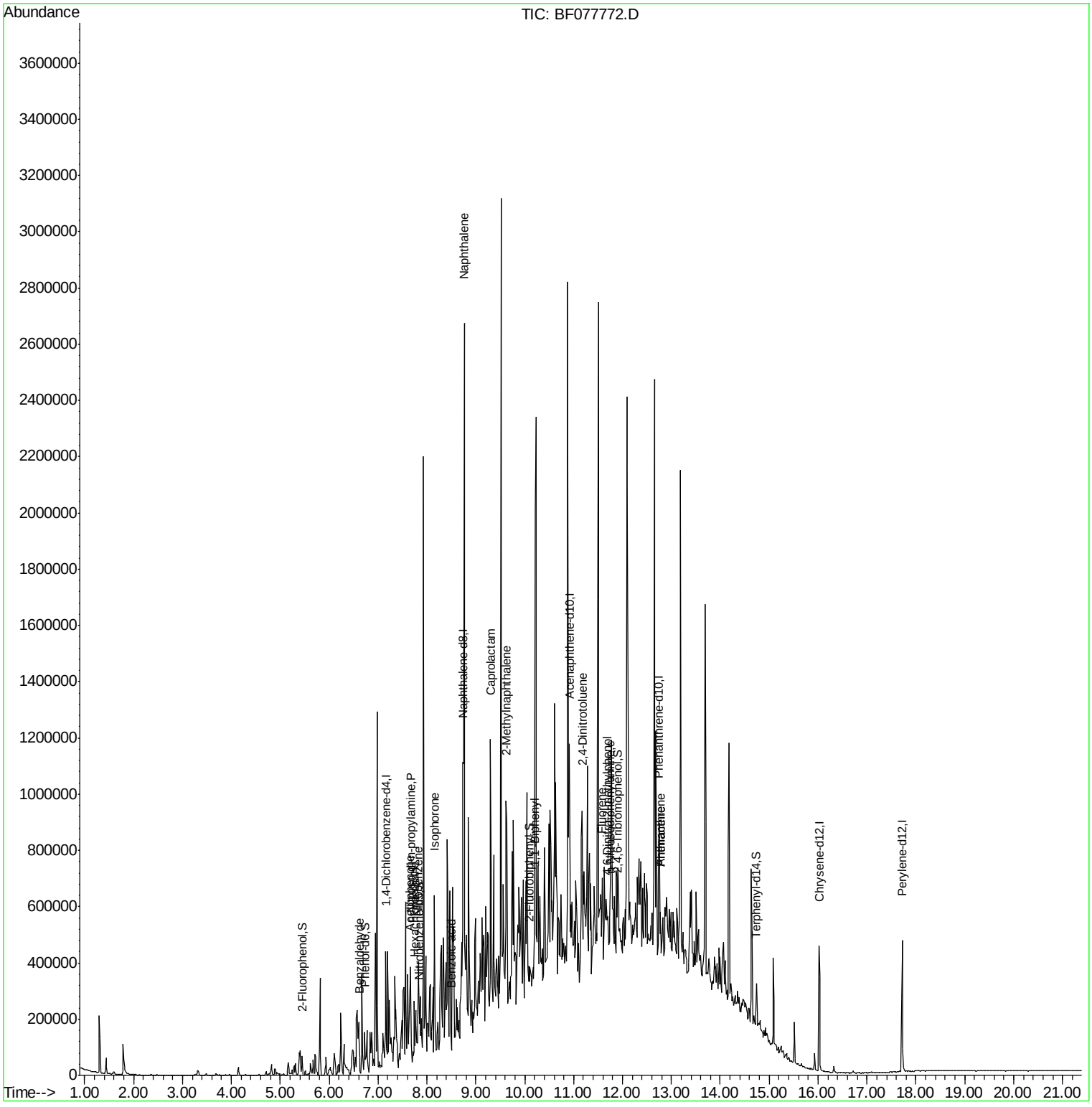
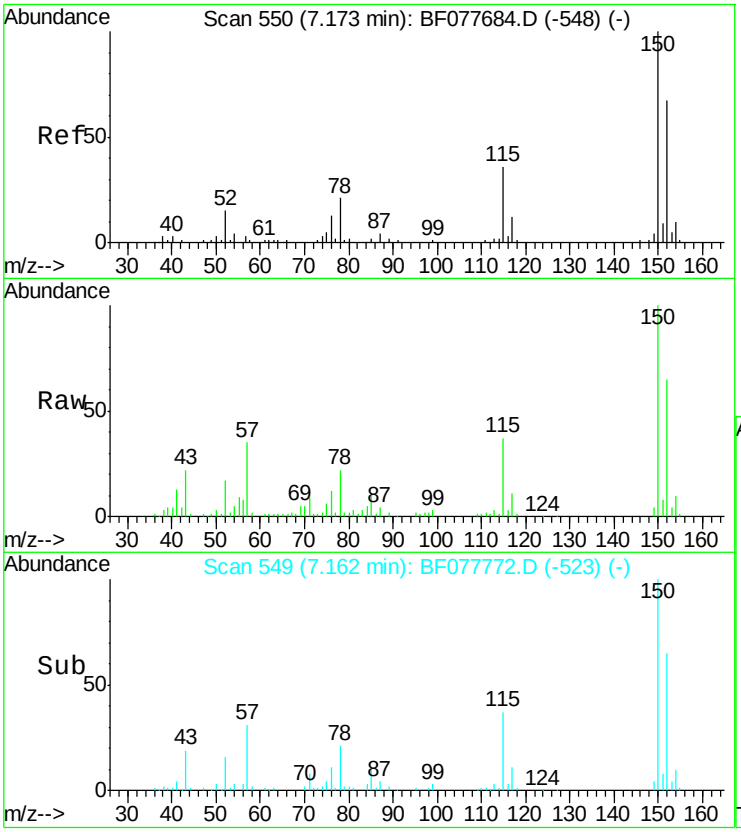
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 00:52:09 2015
Response via : Initial Calibration



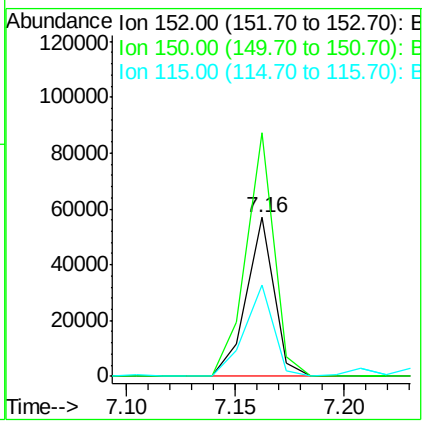


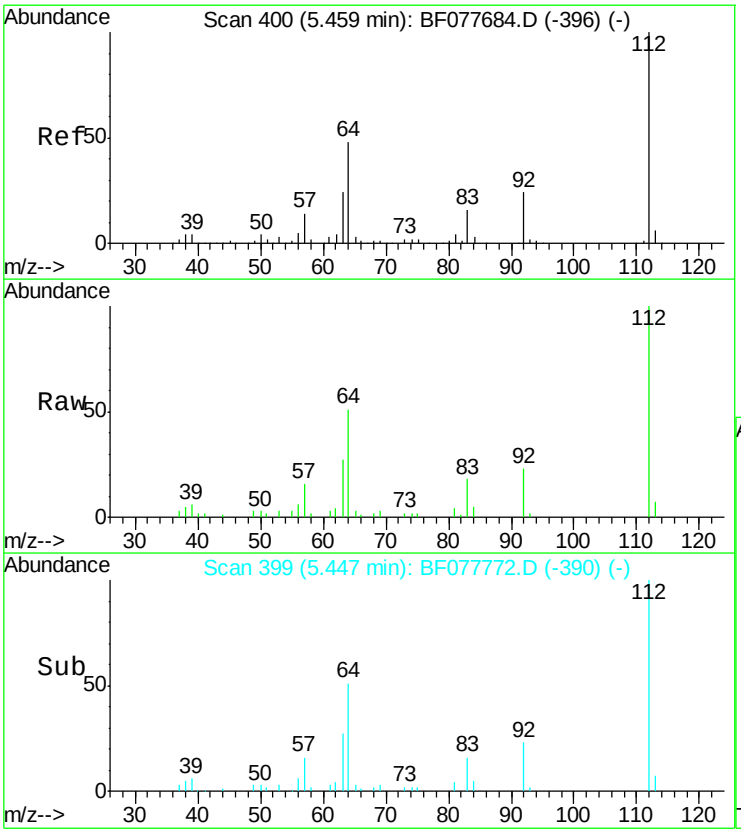
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:152 Resp: 50173

Ion	Ratio	Lower	Upper
152	100		
150	153.4	119.5	179.3
115	57.2	43.0	64.4

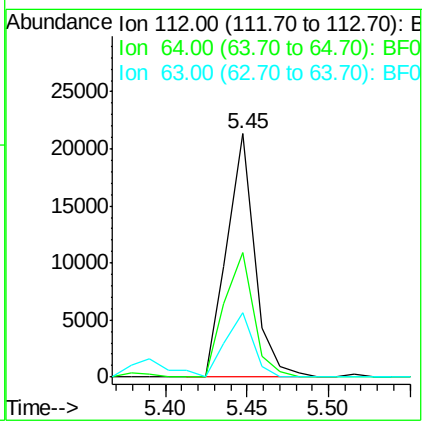


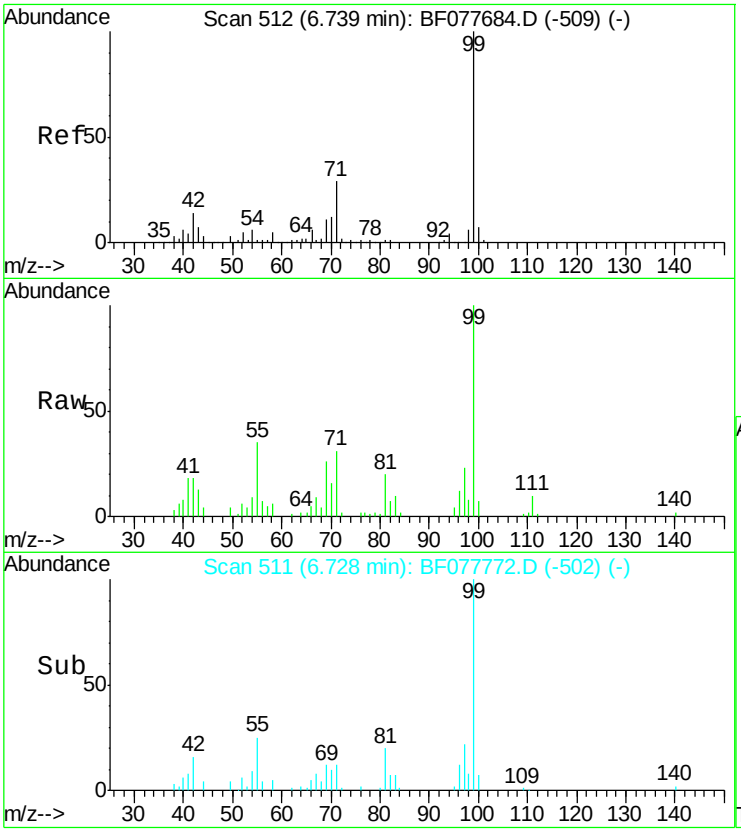


#5
2-Fluorophenol
Concen: 8.77 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:112 Resp: 25205

Ion	Ratio	Lower	Upper
112	100		
64	51.2	38.6	57.8
63	26.6	19.3	28.9



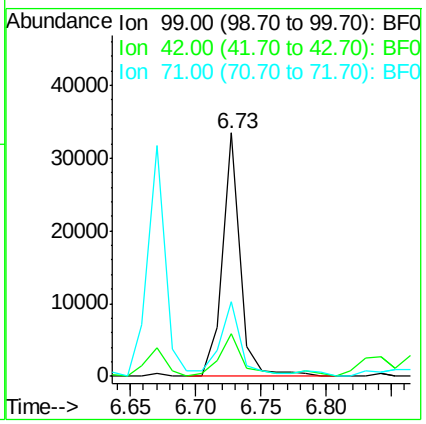


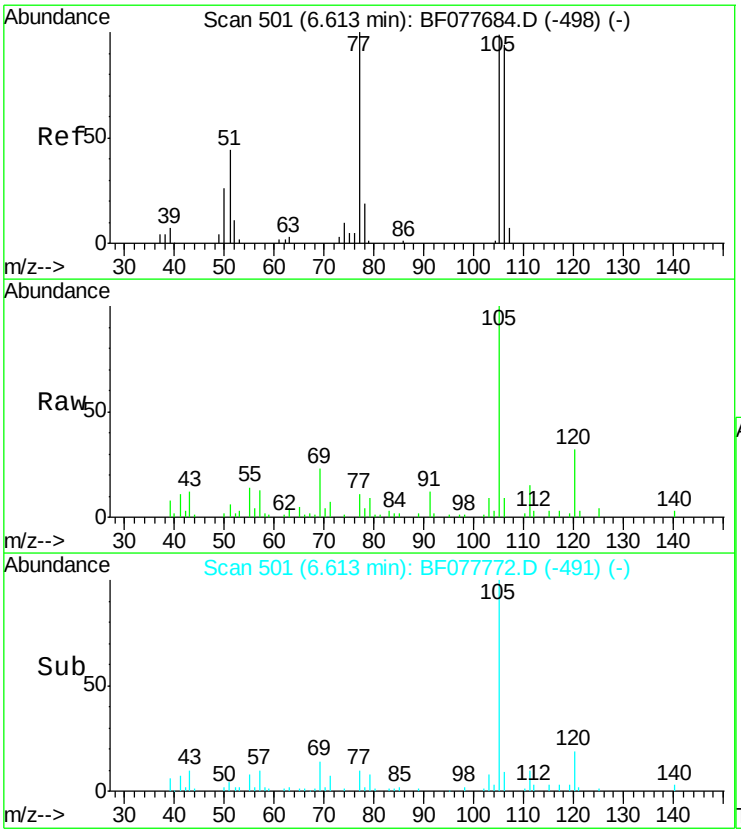
#7
Phenol-d6
Concen: 9.01 ng
RT: 6.73 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion: 99 Resp: 32014

Ion	Ratio	Lower	Upper
99	100		
42	17.7	11.0	16.4#
71	30.6	23.4	35.2

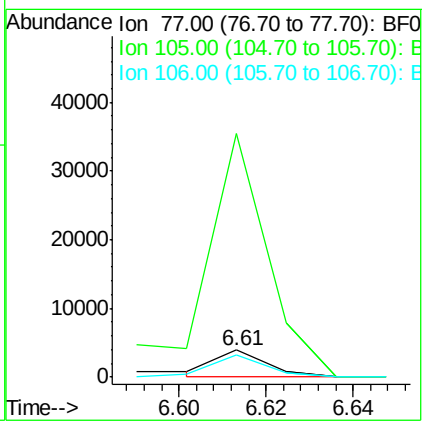


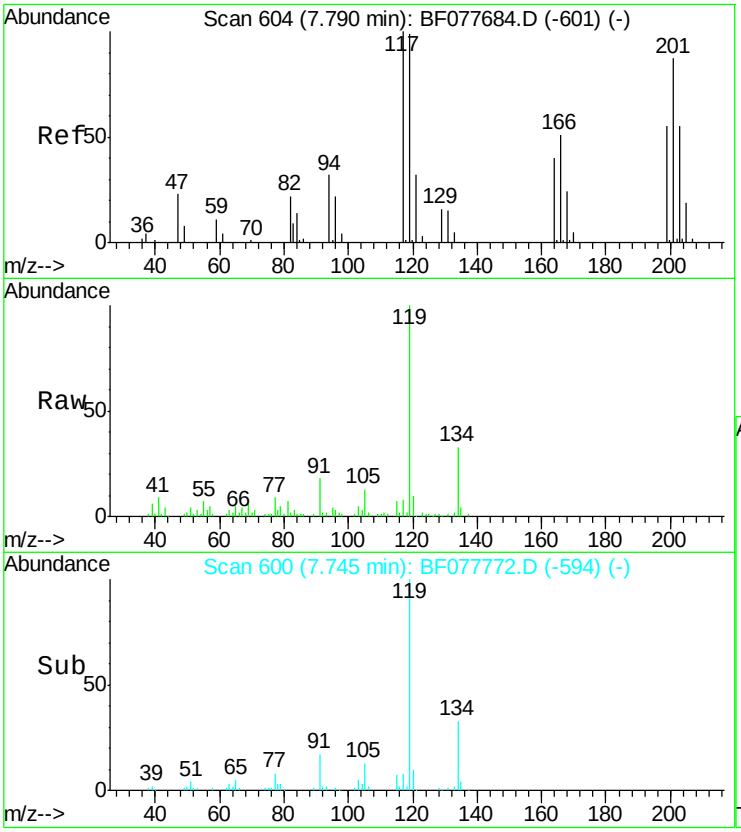


#9
Benzaldehyde
Concen: 2.28 ng
RT: 6.61 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion: 77 Resp: 3317

Ion	Ratio	Lower	Upper
77	100		
105	894.9	78.8	118.8#
106	79.9	73.7	113.7



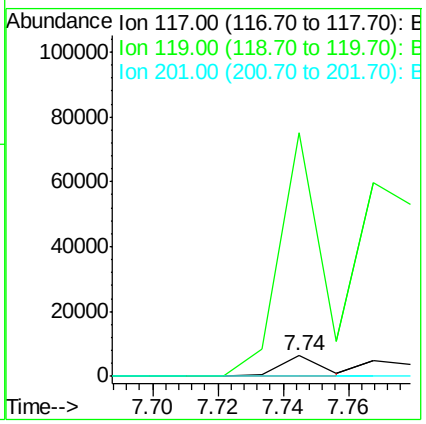


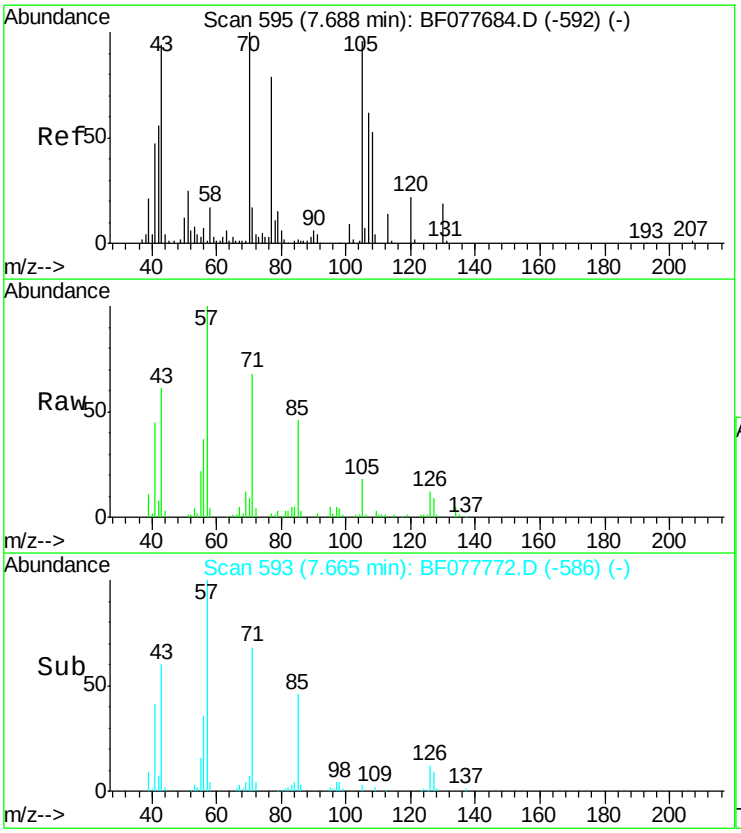
#18
Hexachloroethane
Concen: 4.19 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:117 Resp: 5438

Ion	Ratio	Lower	Upper
117	100		
119	1185.2	79.2	118.8#
201	0.0	69.8	104.6#

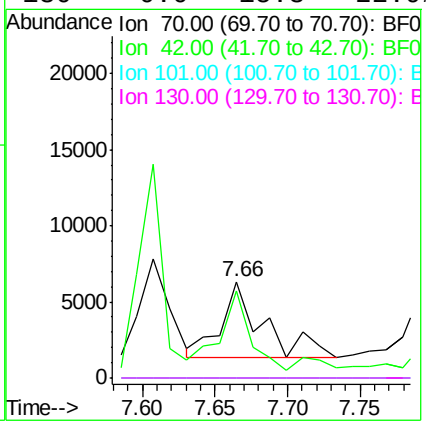


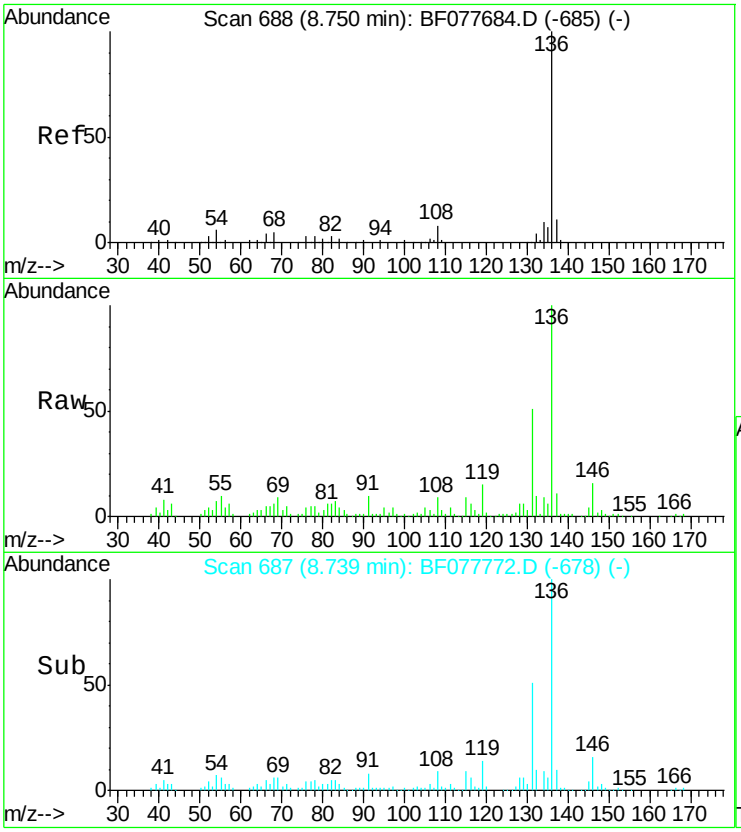


#19
n-Nitroso-di-n-propylamine
Concen: 4.12 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion: 70 Resp: 10128

Ion	Ratio	Lower	Upper
70	100		
42	90.5	44.5	66.7#
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#



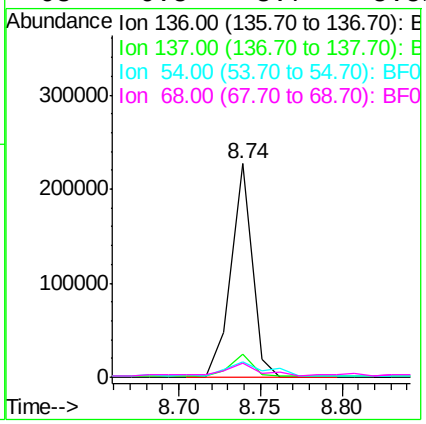


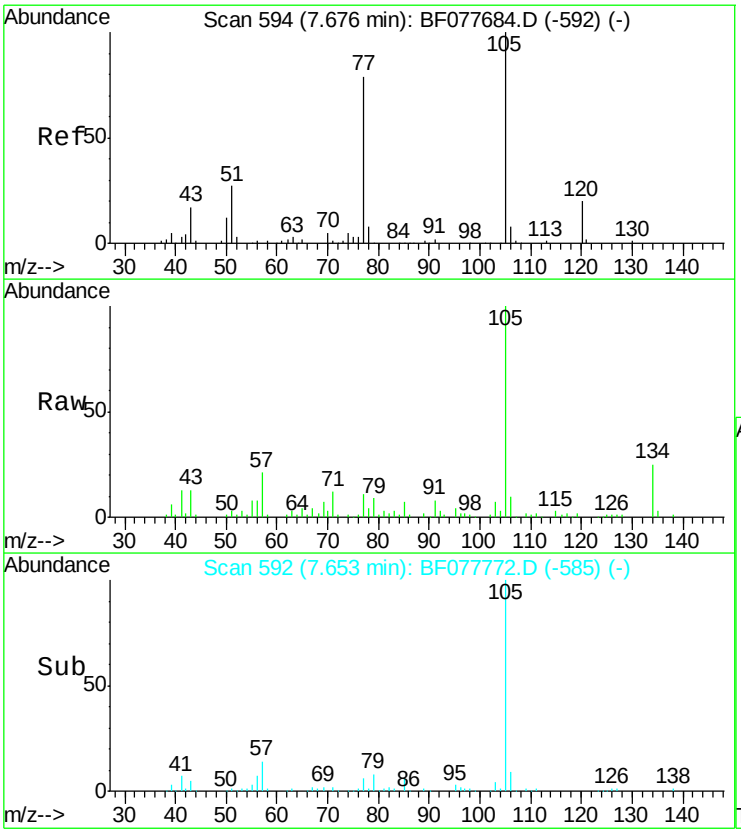
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:136 Resp: 202162

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.5	4.6	6.8#
68	6.5	3.7	5.5#

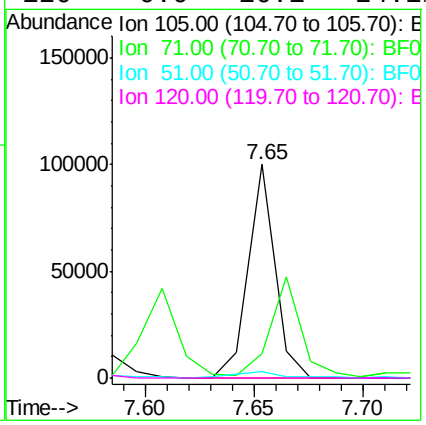


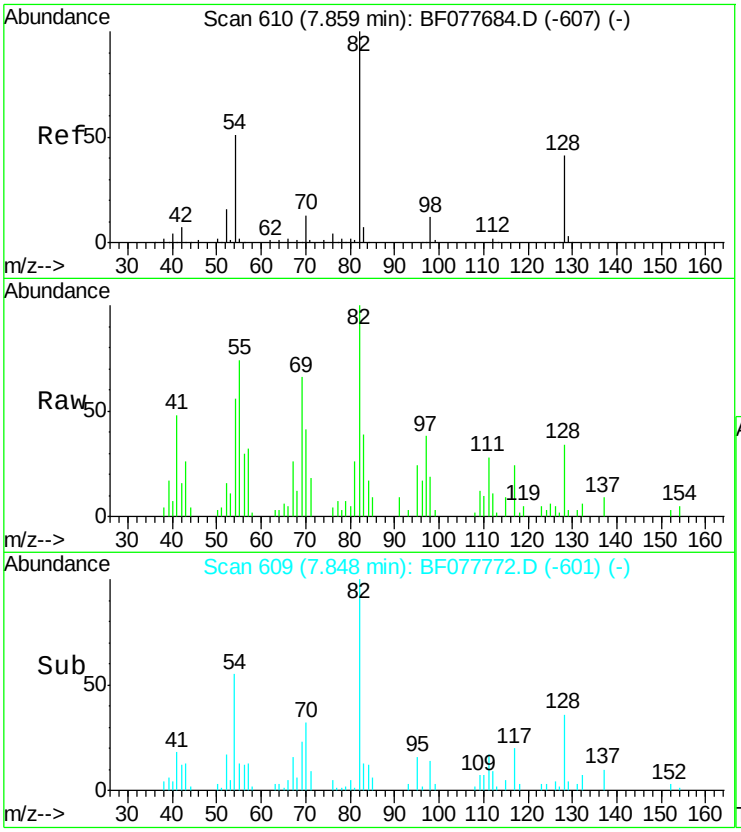


#22
Acetophenone
Concen: 19.11 ng
RT: 7.65 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:105 Resp: 85511

Ion	Ratio	Lower	Upper
105	100		
71	11.6	0.6	1.0#
51	3.2	21.6	32.4#
120	0.0	16.1	24.1#



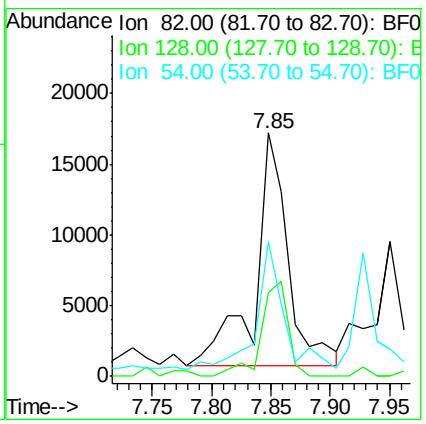


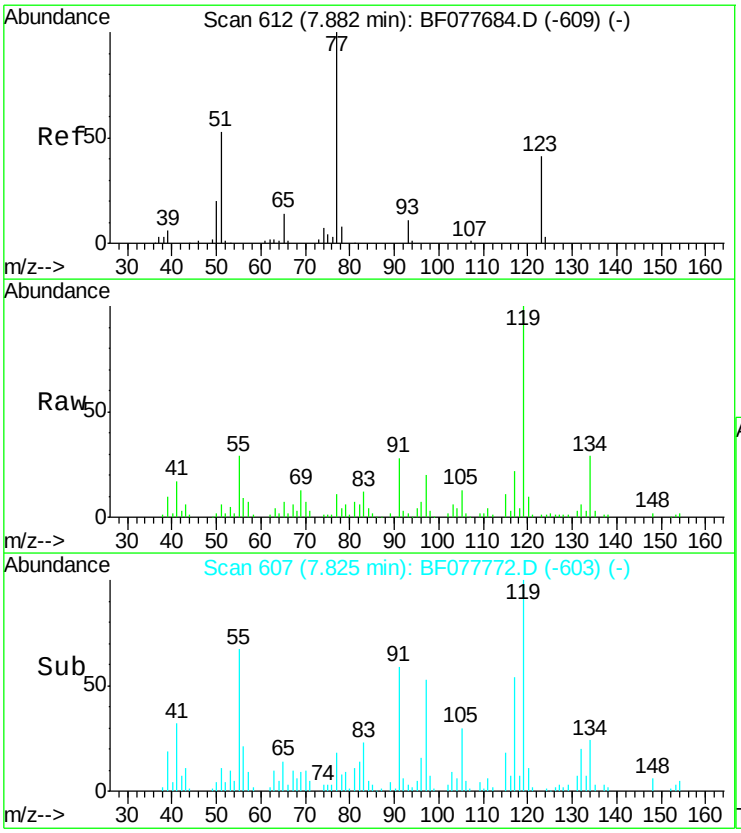
#23
Nitrobenzene-d5
Concen: 10.38 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion: 82 Resp: 32024

Ion	Ratio	Lower	Upper
82	100		
128	34.4	32.8	49.2
54	55.6	40.6	60.8

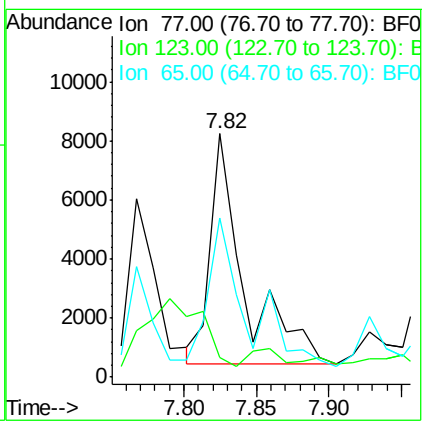


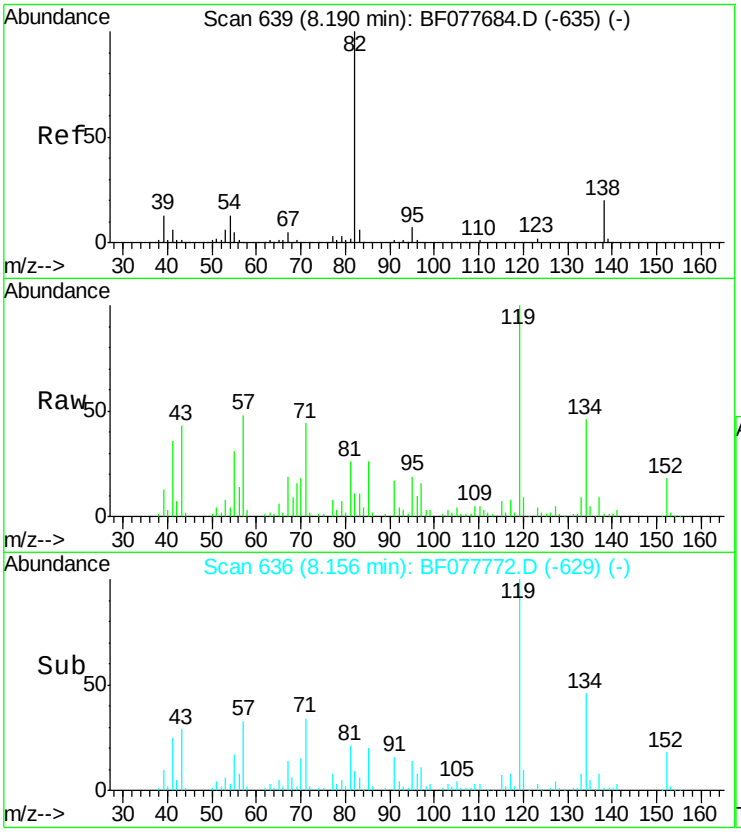


#24
Nitrobenzene
Concen: 3.81 ng
RT: 7.82 min Scan# 607
Delta R.T. -0.06 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion: 77 Resp: 12651

Ion	Ratio	Lower	Upper
77	100		
123	7.8	32.6	49.0#
65	65.5	10.9	16.3#



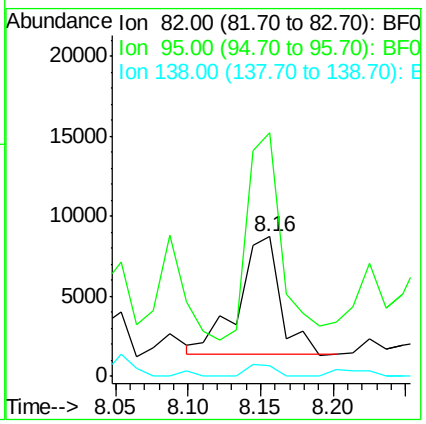


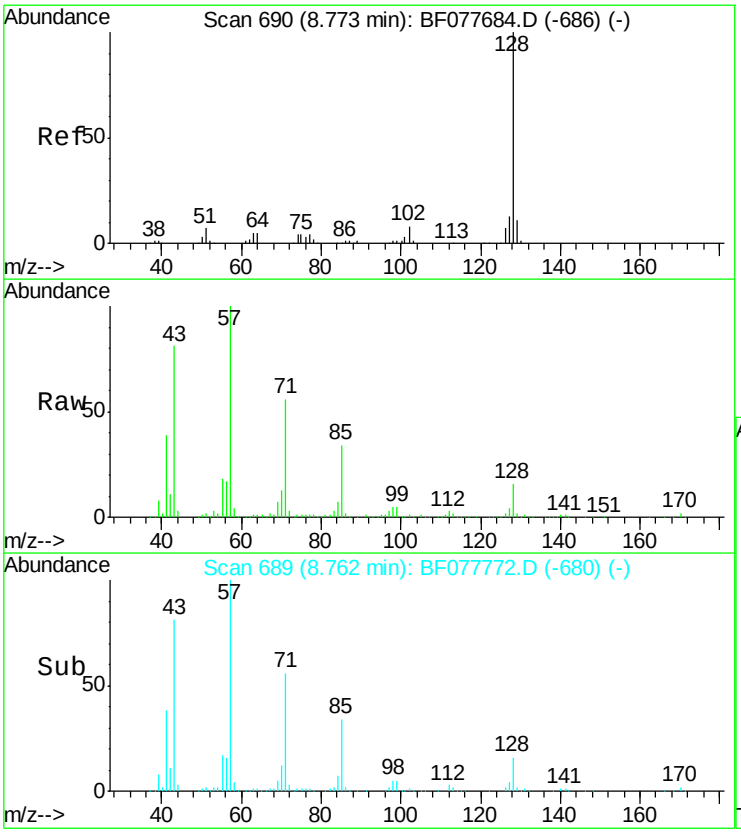
#25
Isophorone
Concen: 2.38 ng
RT: 8.16 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion: 82 Resp: 14810

Ion	Ratio	Lower	Upper
82	100		
95	174.7	5.8	8.6#
138	7.7	16.3	24.5#

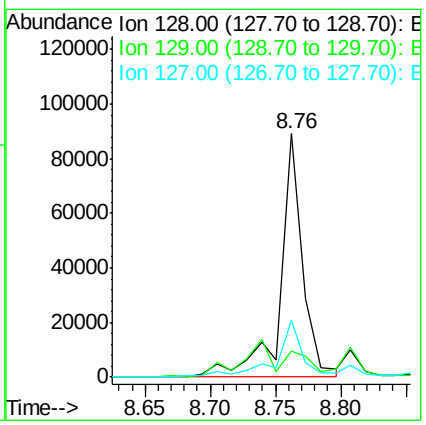


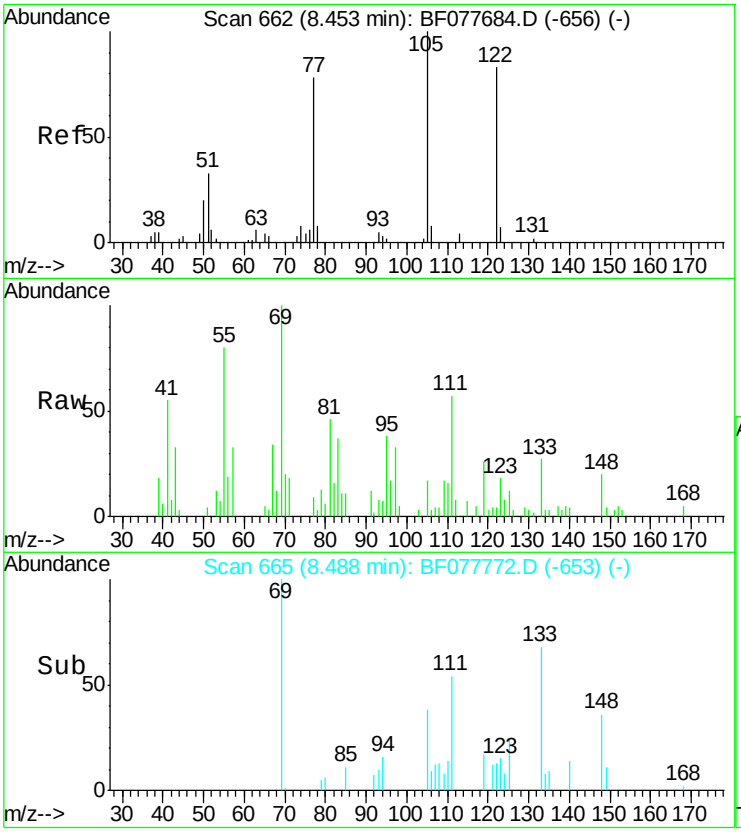


#31
Naphthalene
Concen: 10.22 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:128 Resp: 106075

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	23.1	10.4	15.6#



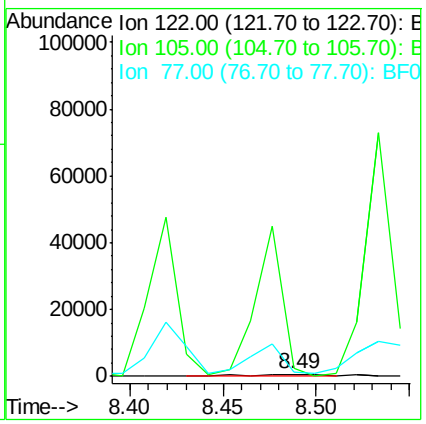


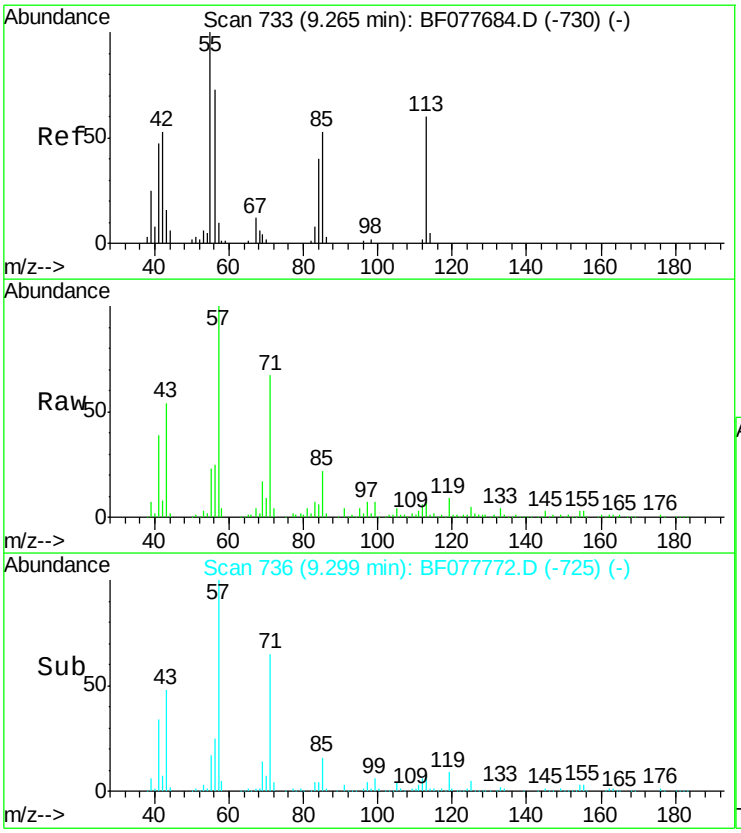
#32
Benzoic acid
Concen: 3.87 ng
RT: 8.49 min Scan# 665
Delta R.T. 0.03 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:122 Resp: 1380

Ion	Ratio	Lower	Upper
122	100		
105	421.1	99.9	139.9#
77	227.9	73.7	113.7#

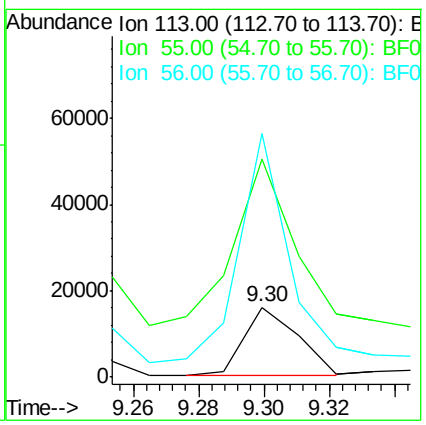


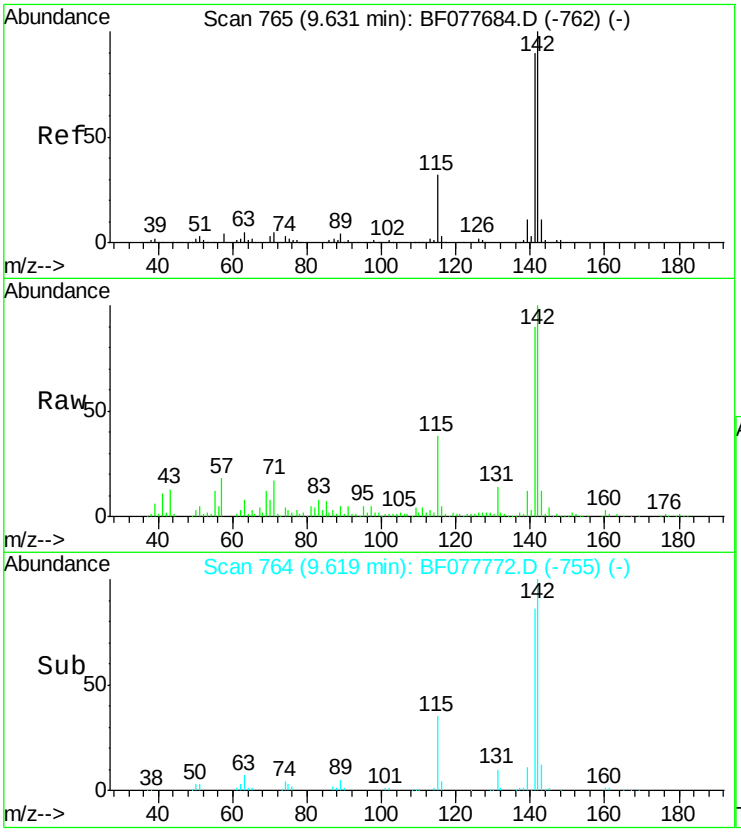


#35
Caprolactam
Concen: 22.07 ng
RT: 9.30 min Scan# 736
Delta R.T. 0.02 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:113 Resp: 18219

Ion	Ratio	Lower	Upper
113	100		
55	312.7	145.9	185.9#
56	349.9	101.0	141.0#



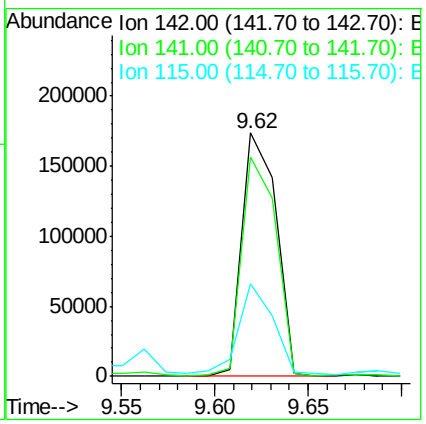


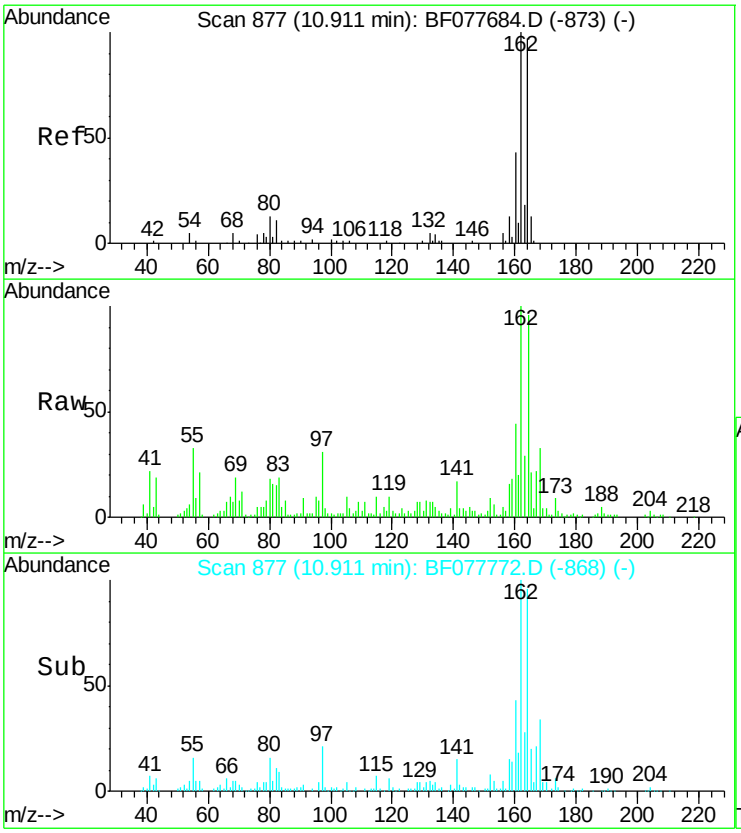
#37
2-Methylnaphthalene
Concen: 31.87 ng
RT: 9.62 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:142 Resp: 222270

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
115	37.8	25.4	38.0

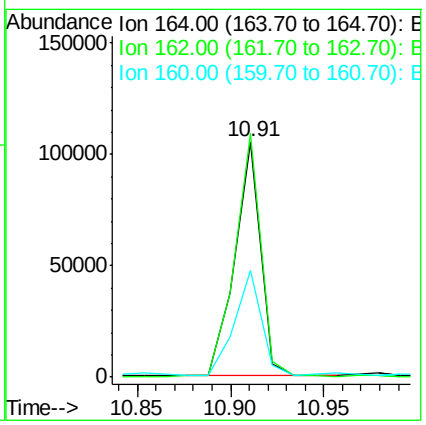


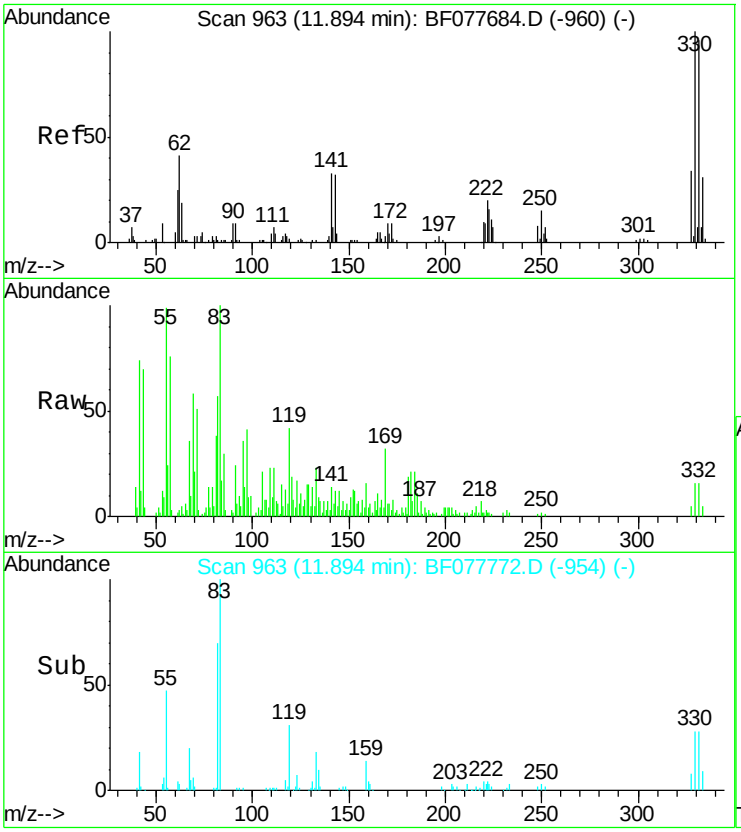


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:164 Resp: 102315

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.4	123.6
160	45.5	35.8	53.6



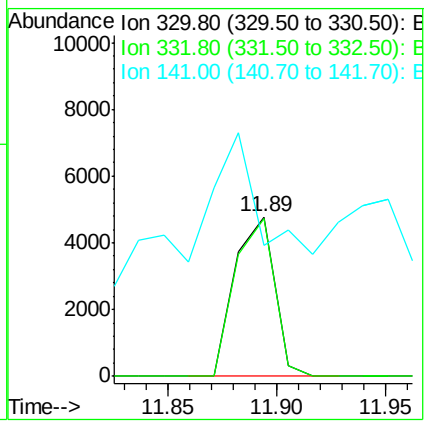


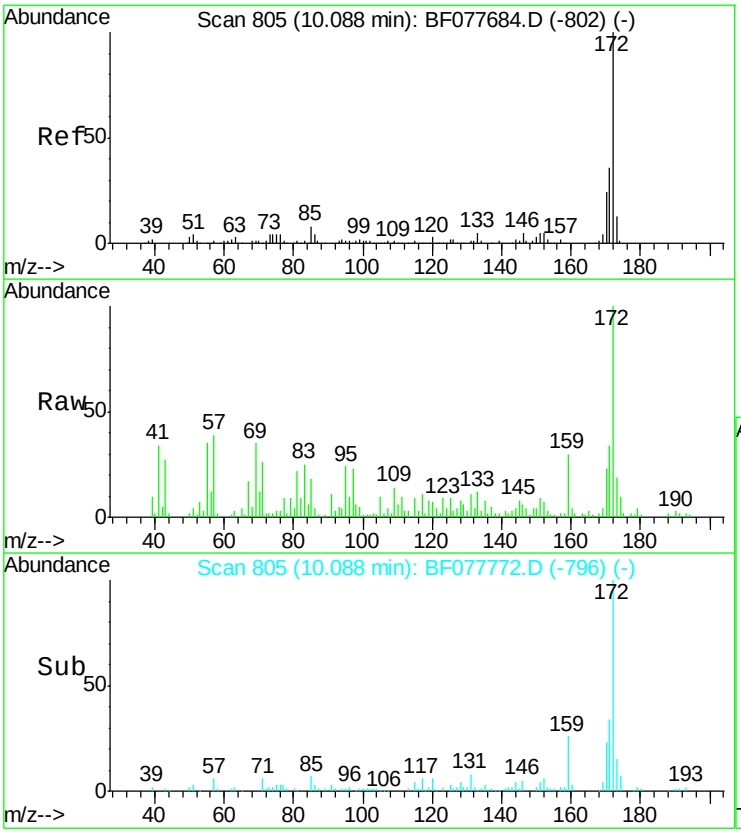
#41
2,4,6-Tribromophenol
Concen: 6.19 ng
RT: 11.89 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:330 Resp: 6057

Ion	Ratio	Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	170.5	0.0	0.0#

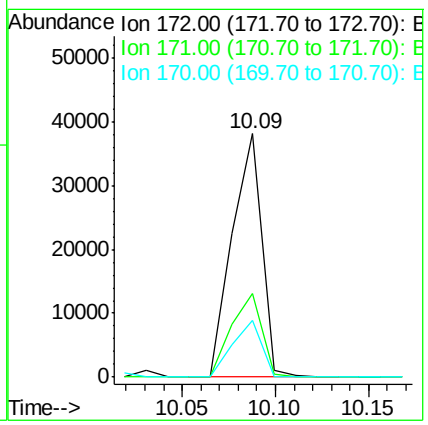


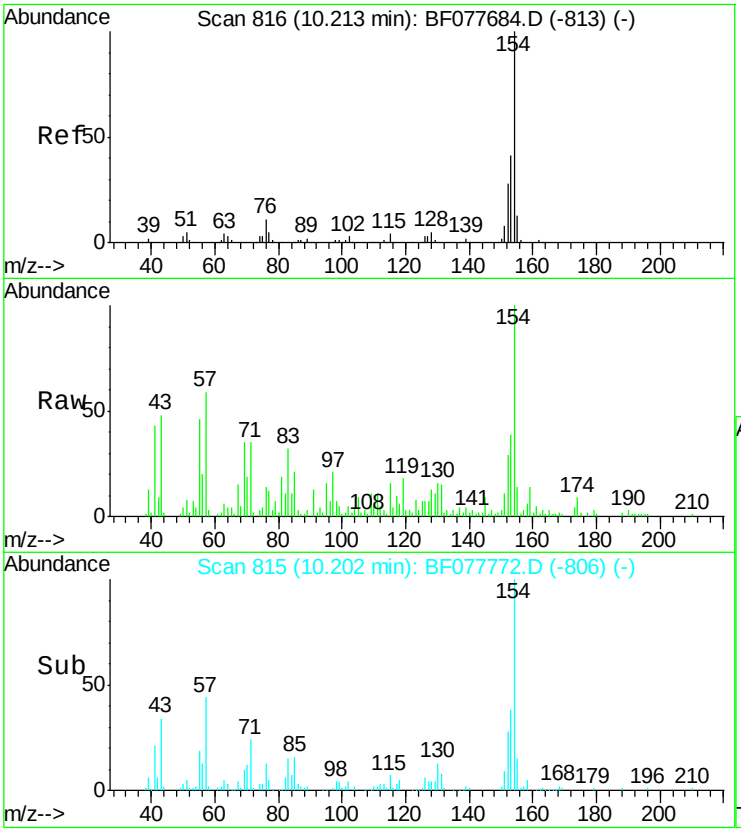


#44
2-Fluorobiphenyl
Concen: 6.13 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:172 Resp: 42674

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.2	18.8	28.2



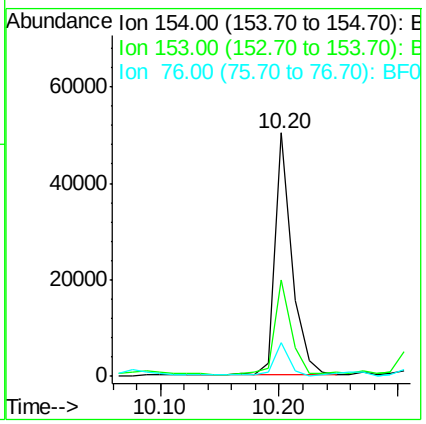


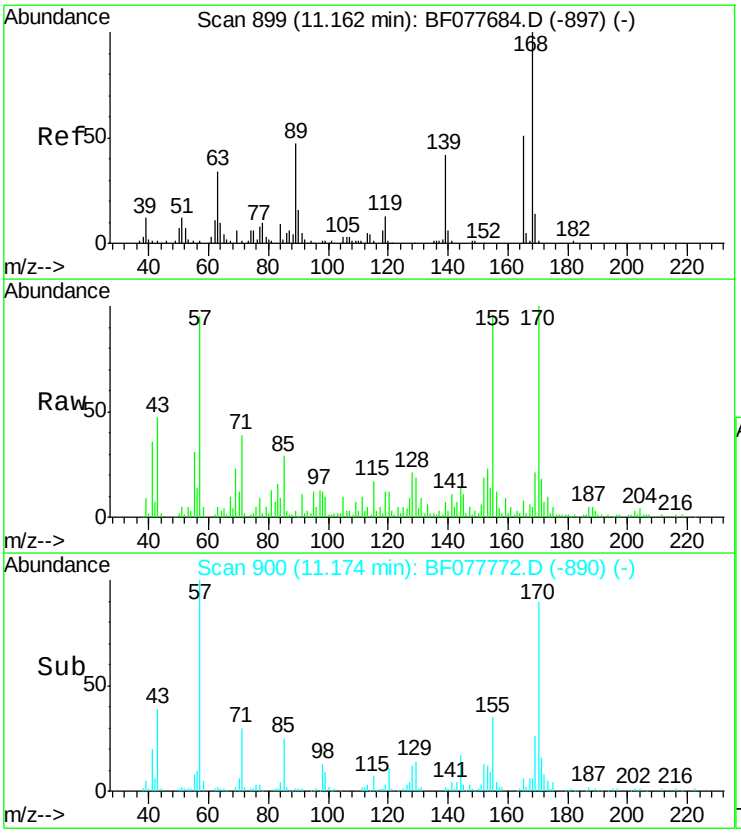
#45
1,1'-Biphenyl
Concen: 6.06 ng
RT: 10.20 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:154 Resp: 49542

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.7	60.7
76	13.9	0.0	30.9

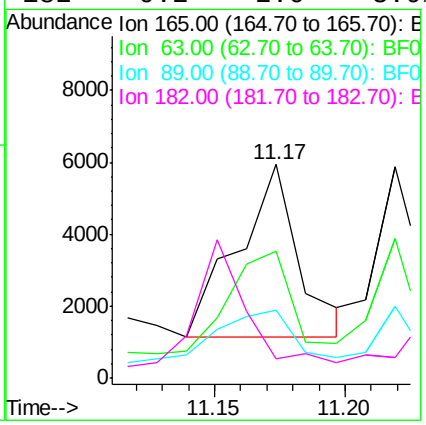


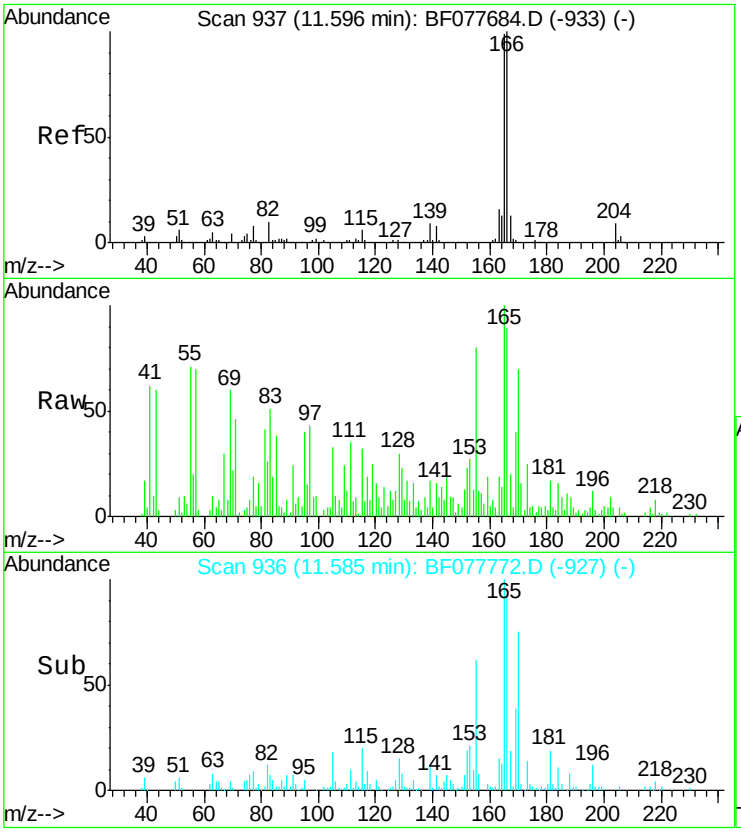


#56
2,4-Dinitrotoluene
Concen: 3.82 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:165 Resp: 7839

Ion	Ratio	Lower	Upper
165	100		
63	59.6	52.4	78.6
89	31.9	72.4	108.6#
182	9.2	2.0	3.0#



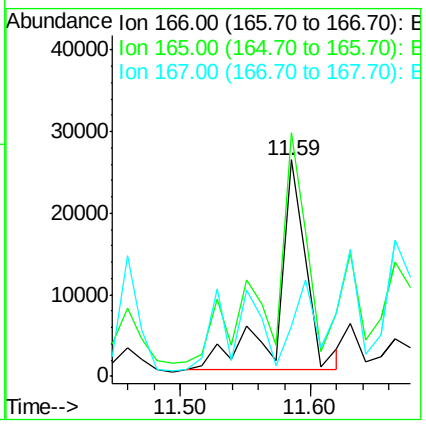


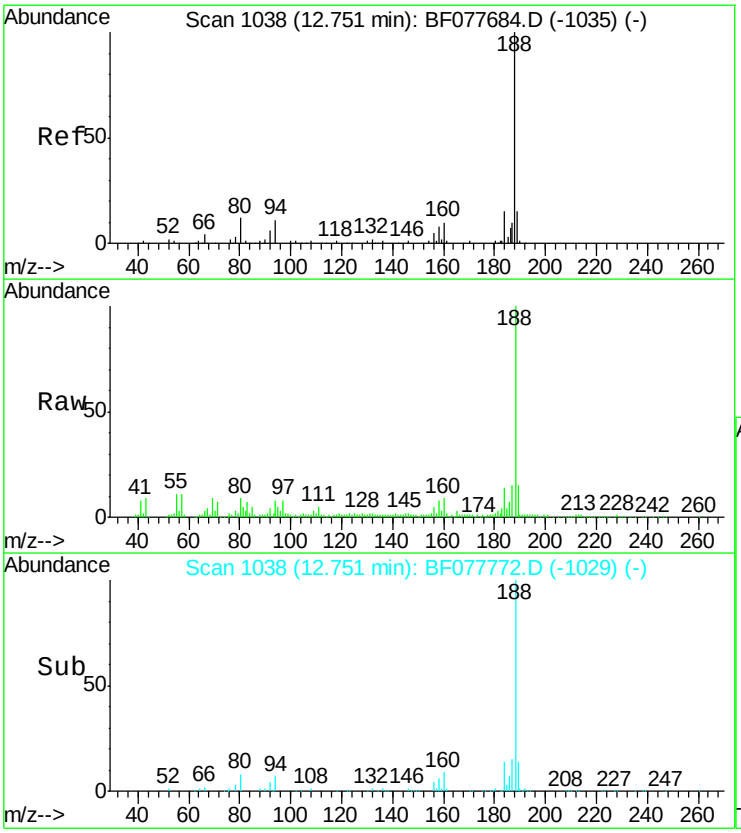
#57
Fluorene
Concen: 4.96 ng
RT: 11.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:166 Resp: 38727

Ion	Ratio	Lower	Upper
166	100		
165	112.6	79.0	118.4
167	23.0	10.3	15.5#

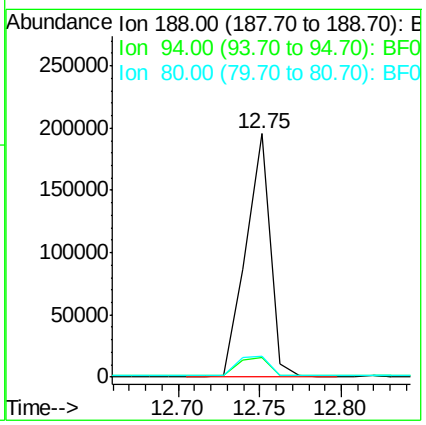


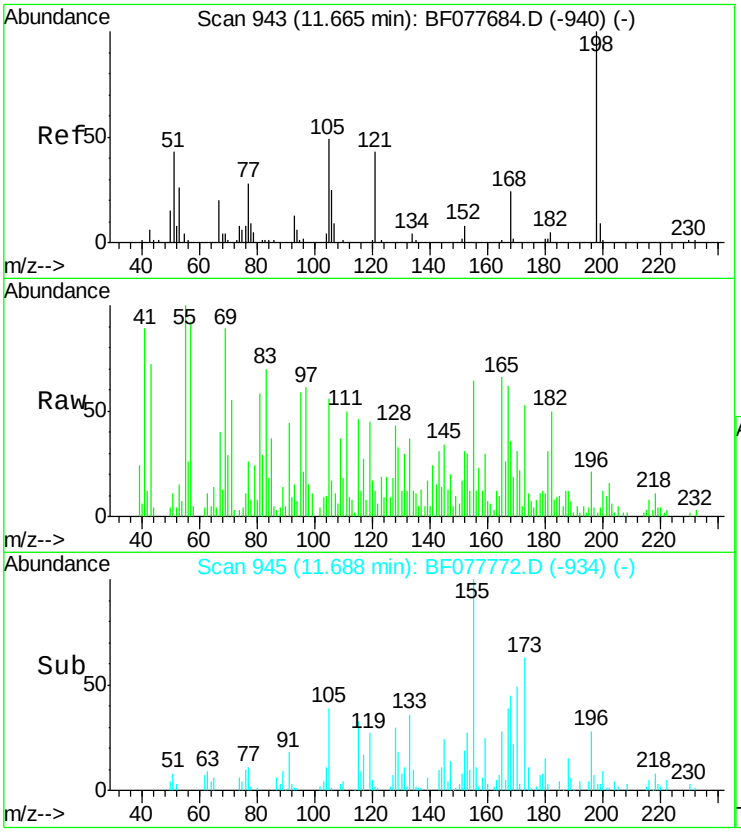


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:188 Resp: 203432

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	8.8	9.3	13.9#



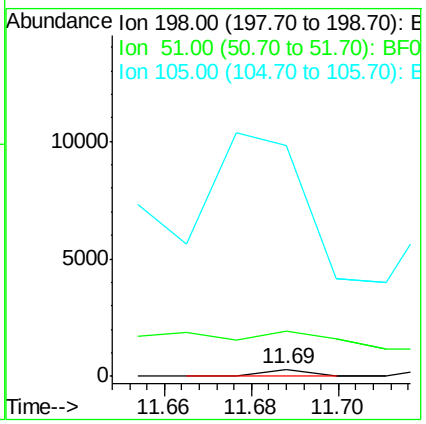


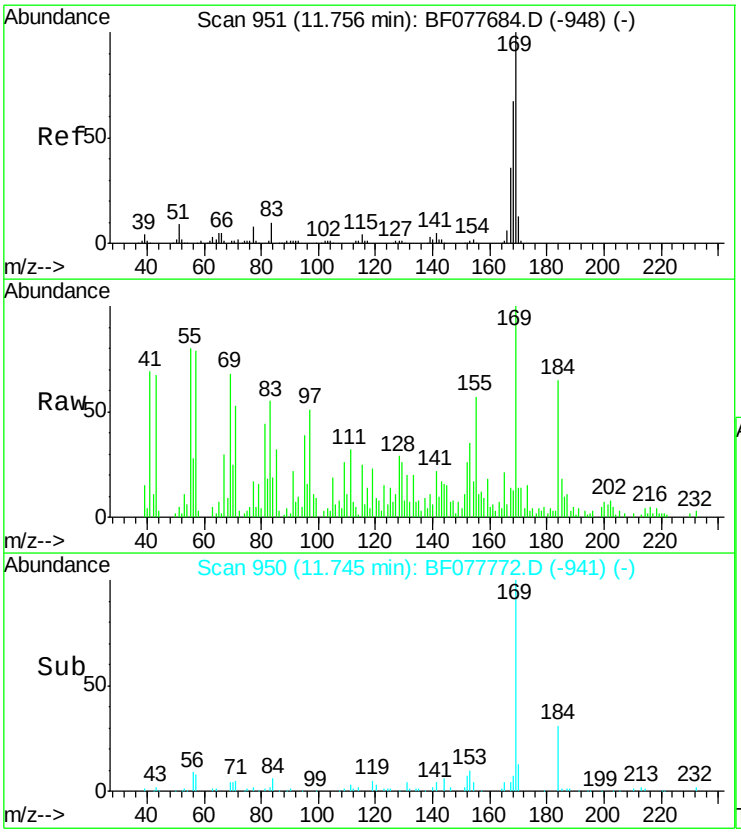
#64
4,6-Dinitro-2-methylphenol
Concen: 4.49 ng
RT: 11.69 min Scan# 945
Delta R.T. 0.02 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:198 Resp: 208

Ion	Ratio	Lower	Upper
198	100		
51	627.7	28.8	68.8#
105	3246.9	30.5	70.5#

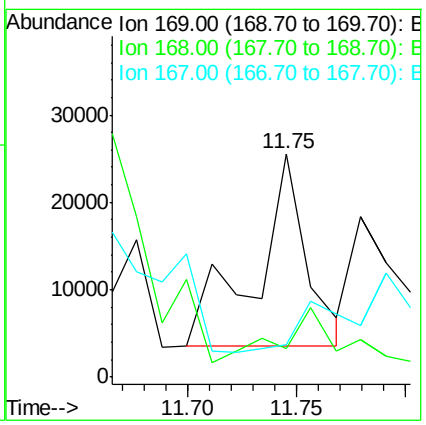


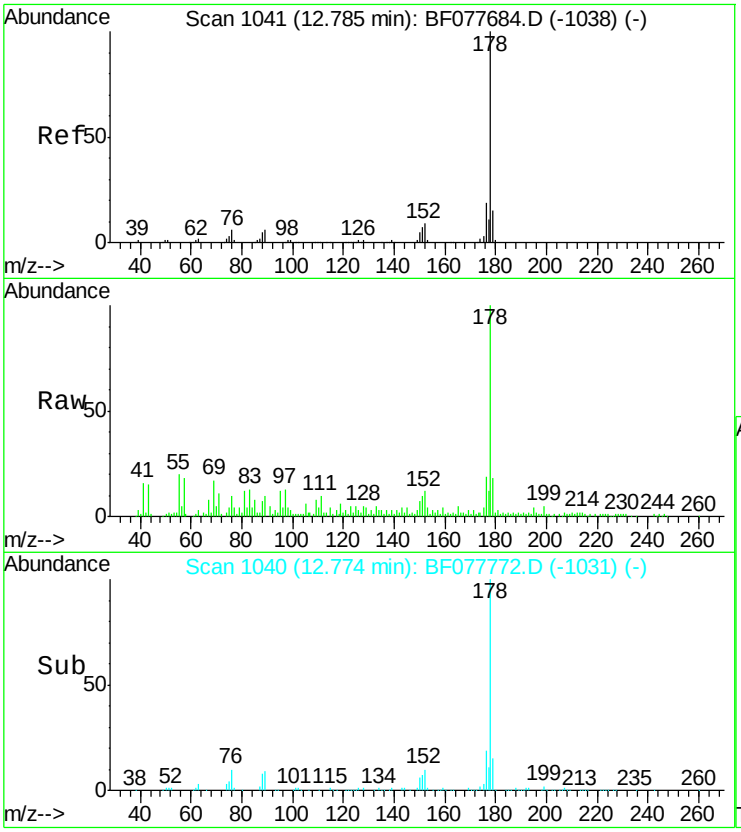


#65
n-Nitrosodiphenylamine
Concen: 5.36 ng
RT: 11.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:169 Resp: 36328

Ion	Ratio	Lower	Upper
169	100		
168	13.0	53.9	80.9#
167	14.3	28.9	43.3#



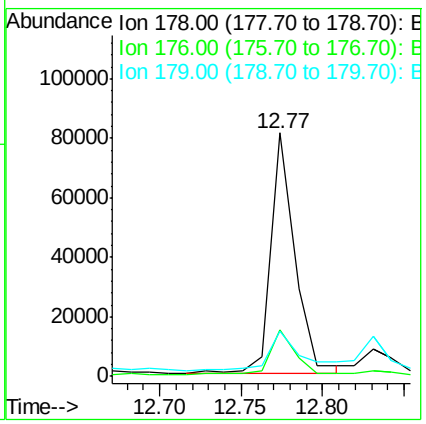


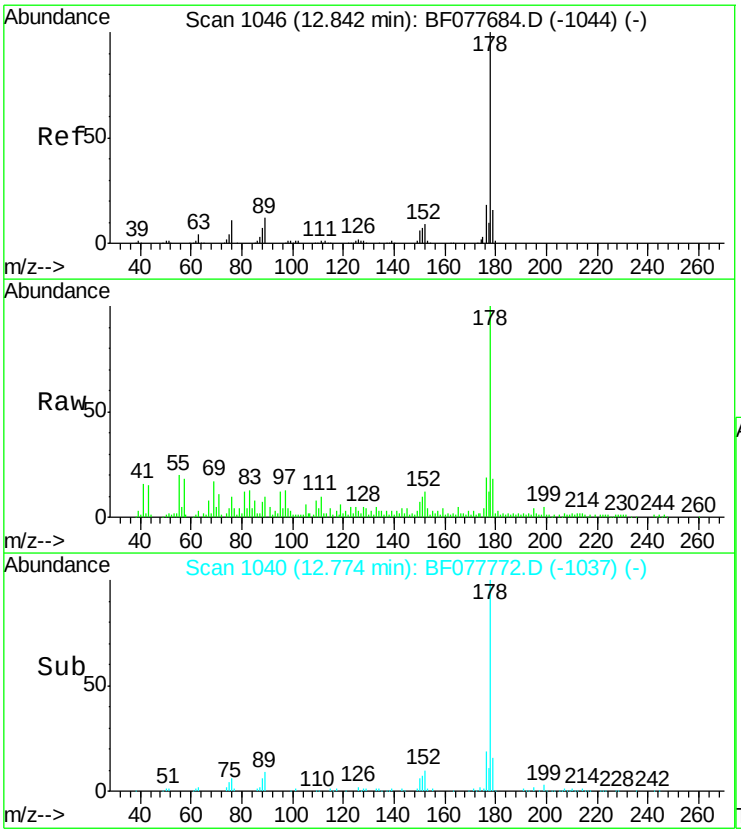
#70
Phenanthrene
Concen: 7.12 ng
RT: 12.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:178 Resp: 83183

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	18.3	12.1	18.1#

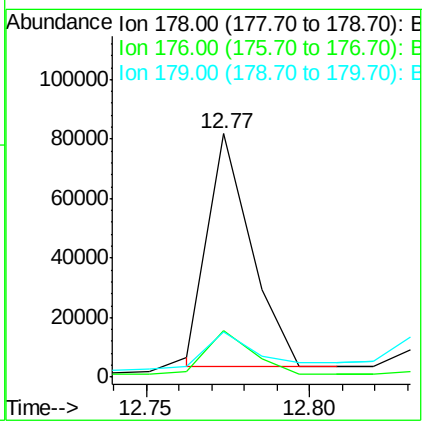


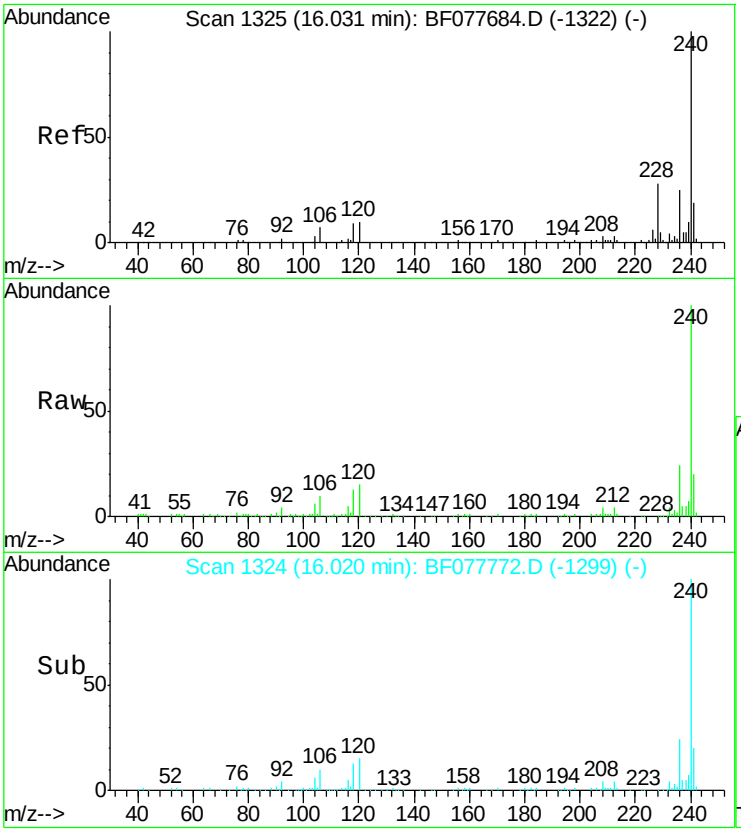


#71
Anthracene
Concen: 6.17 ng
RT: 12.77 min Scan# 1040
Delta R.T. -0.07 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:178 Resp: 71153

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	18.3	12.6	19.0



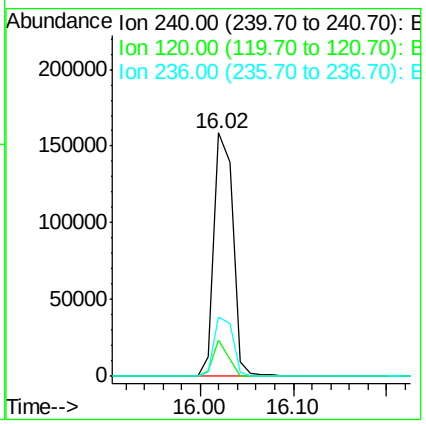


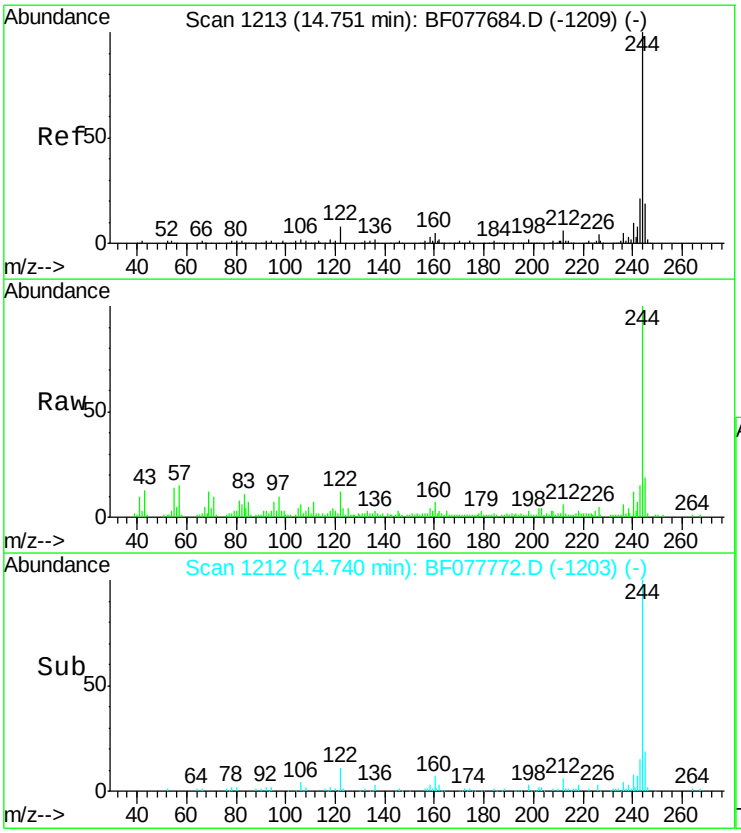
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:240 Resp: 223816

Ion	Ratio	Lower	Upper
240	100		
120	14.8	8.2	12.2#
236	24.5	20.0	30.0

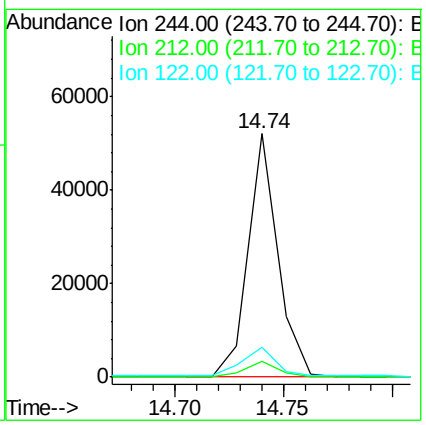


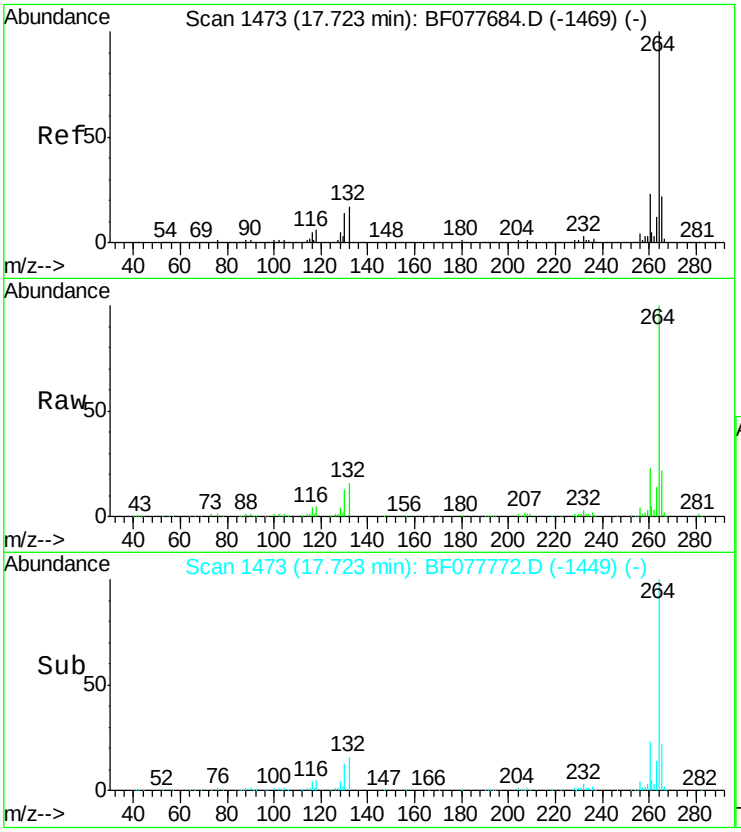


#78
Terphenyl-d14
Concen: 5.41 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:244 Resp: 49562

Ion	Ratio	Lower	Upper
244	100		
212	6.5	4.9	7.3
122	12.1	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.72 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tgt Ion:264 Resp: 219303

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.9	17.3	25.9