Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
Data File : BF077796.D
Acq On : 18 Mar 2015 12:15
Operator : TP/IZ
Sample : G1457-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PT-ACIDS-WP

Quant Time: Mar 18 13:39:14 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 13:16:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	42686	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	171597	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	82508	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	164148	20.00	ng		0.00
75) Chrysene-d12	16.03	240	169859	20.00	ng		-0.10
86) Perylene-d12	17.77	264	160587	20.00	ng		-0.33
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	424151	173.44	ng		0.01
7) Phenol-d6	6.73	99	531107	175.78	ng		0.00
23) Nitrobenzene-d5	7.86	82	309085	118.07	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	134686	170.61	ng		-0.01
44) 2-Fluorobiphenyl	10.09	172	679002	120.94	ng		0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
6) Aniline	6.75	93	8899	2.06	ng	#	1
8) 2-Chlorophenol	6.89	128	146159	50.21	ng		97
9) Benzaldehyde	6.75	77	4154	3.36	ng	#	2
10) Phenol	6.75	94	394046	110.33	ng	#	67
15) Benzyl Alcohol	7.34	79	5179	2.20	ng	#	48
17) 2-Methylphenol	7.49	107	225403	95.12	ng		99
20) 3+4-Methylphenols	7.69	107	188606	60.65	ng		88
26) 2-Nitrophenol	8.27	139	207182	150.06	ng	#	85
27) 2,4-Dimethylphenol	8.34	122	127192	50.57	ng		98
29) 2,4-Dichlorophenol	8.57	162	155902	65.02	ng		99
36) 4-Chloro-3-methylphenol	9.45	107	281651	116.75	ng		95
42) 2,4,6-Trichlorophenol	9.97	196	164376	96.43	ng		99
43) 2,4,5-Trichlorophenol	10.02	196	314358	170.70	ng		95
53) 2,4-Dinitrophenol	11.00	184	64730	132.97	ng	#	76
55) 4-Nitrophenol	11.09	139	162390	148.81	ng		93
64) 4,6-Dinitro-2-methylphenol	11.67	198	116343	140.97	ng	#	67
69) Pentachlorophenol	12.51	266	187708	182.10	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
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Acq On : 18 Mar 2015 12:15
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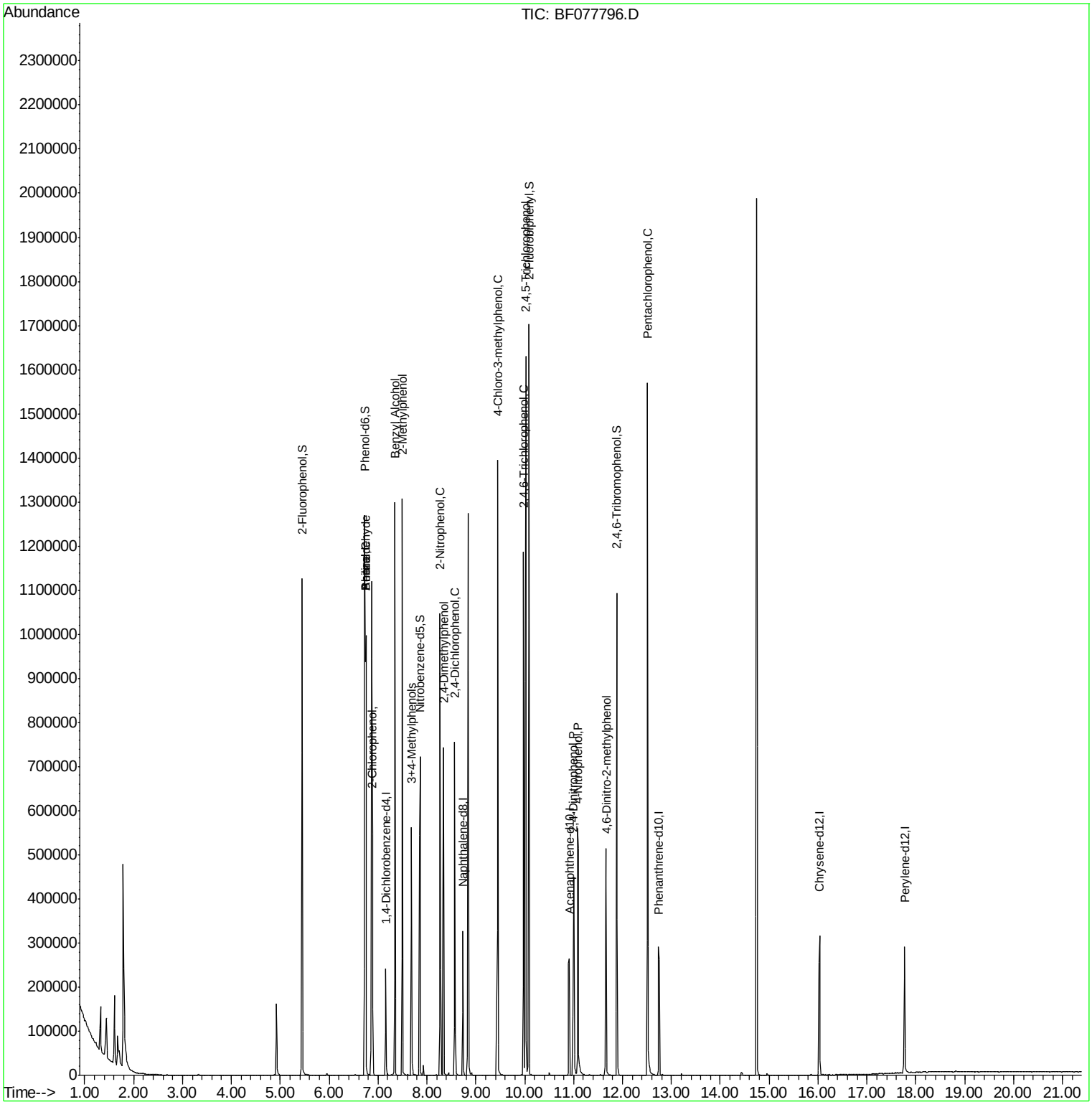
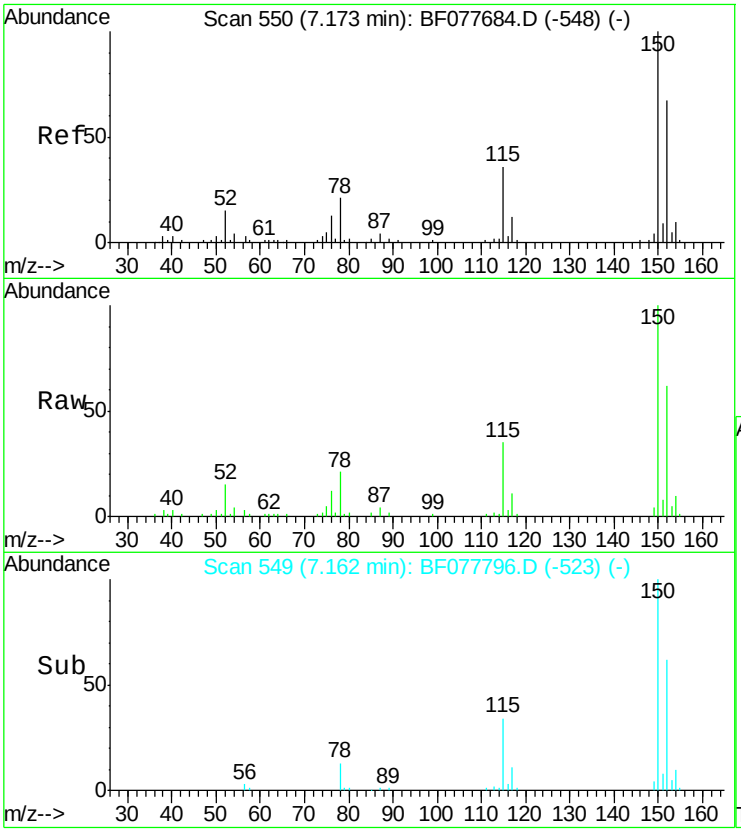
QLast Update : Wed Mar 18 13:16:00 2015
Response via : Initial Calibration



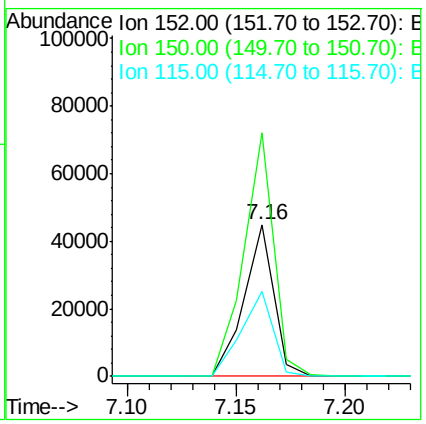


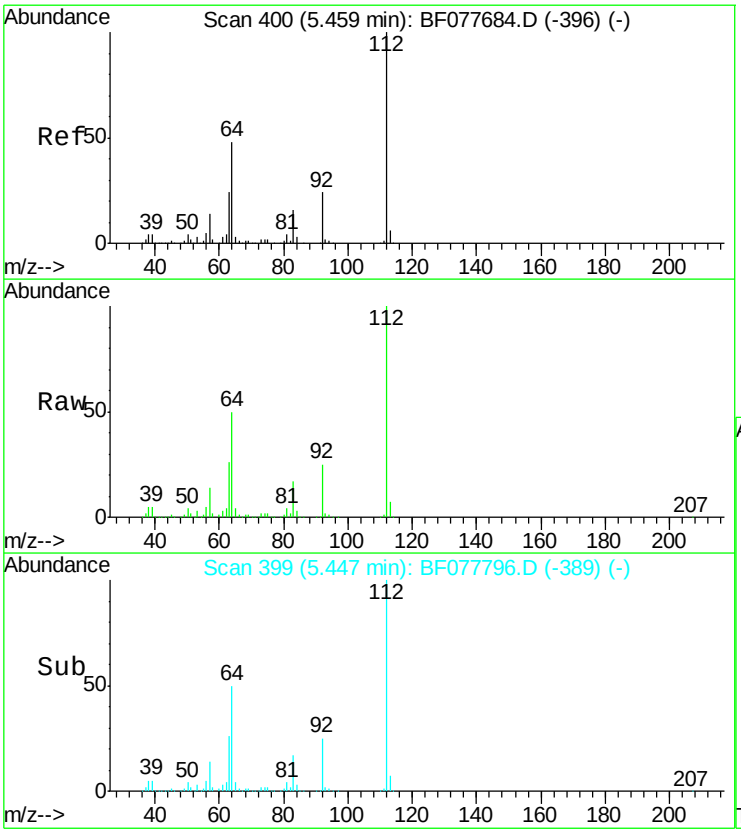
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:152 Resp: 42686

Ion	Ratio	Lower	Upper
152	100		
150	160.2	119.5	179.3
115	55.7	43.0	64.4

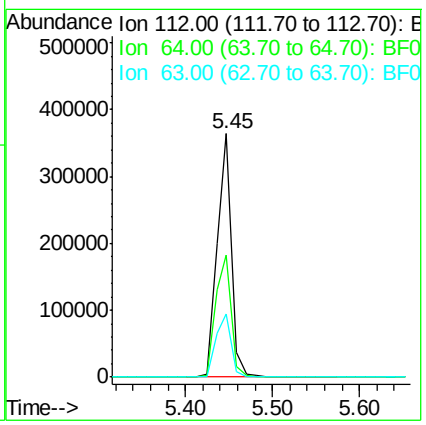


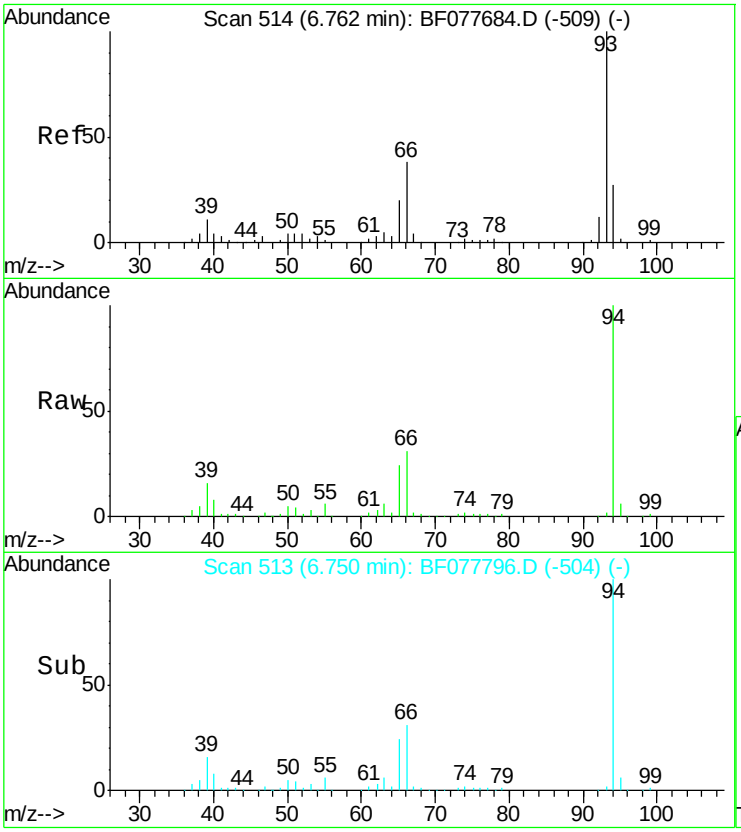


#5
2-Fluorophenol
Concen: 173.44 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion:112 Resp: 424151

Ion	Ratio	Lower	Upper
112	100		
64	50.1	38.6	57.8
63	25.7	19.3	28.9



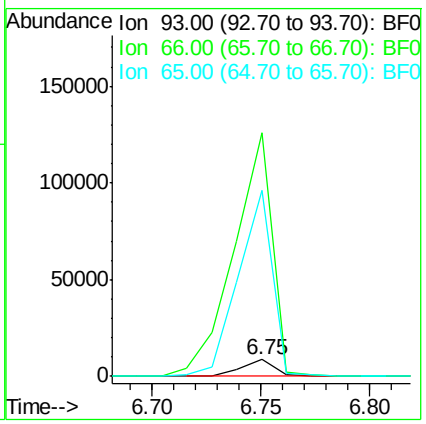


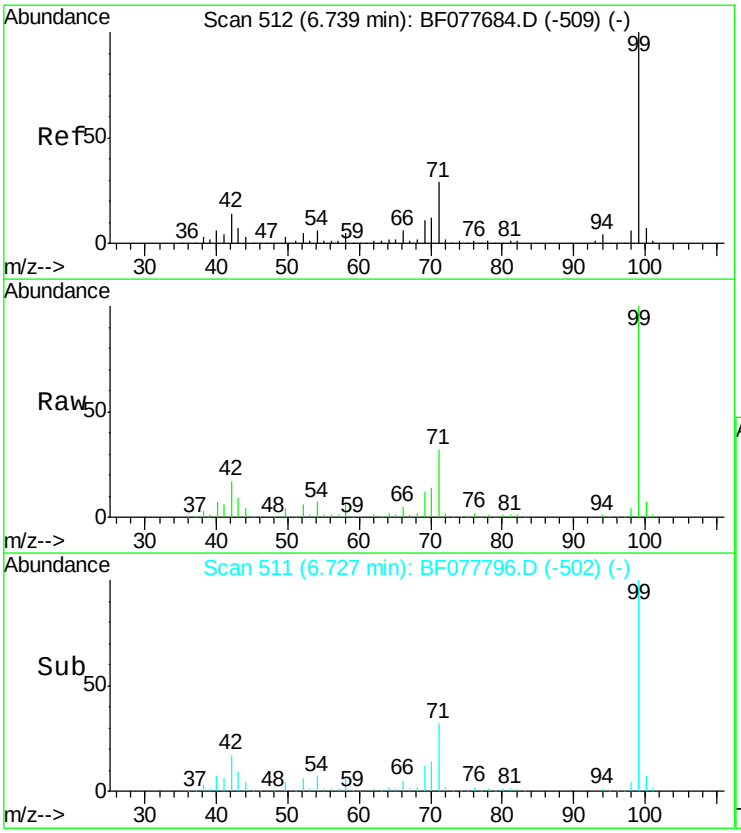
#6
Aniline
Concen: 2.06 ng
RT: 6.75 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 93 Resp: 8899

Ion	Ratio	Lower	Upper
93	100		
66	1431.8	30.8	46.2#
65	1091.5	16.0	24.0#

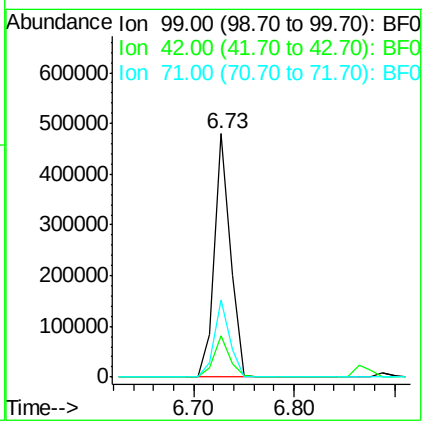


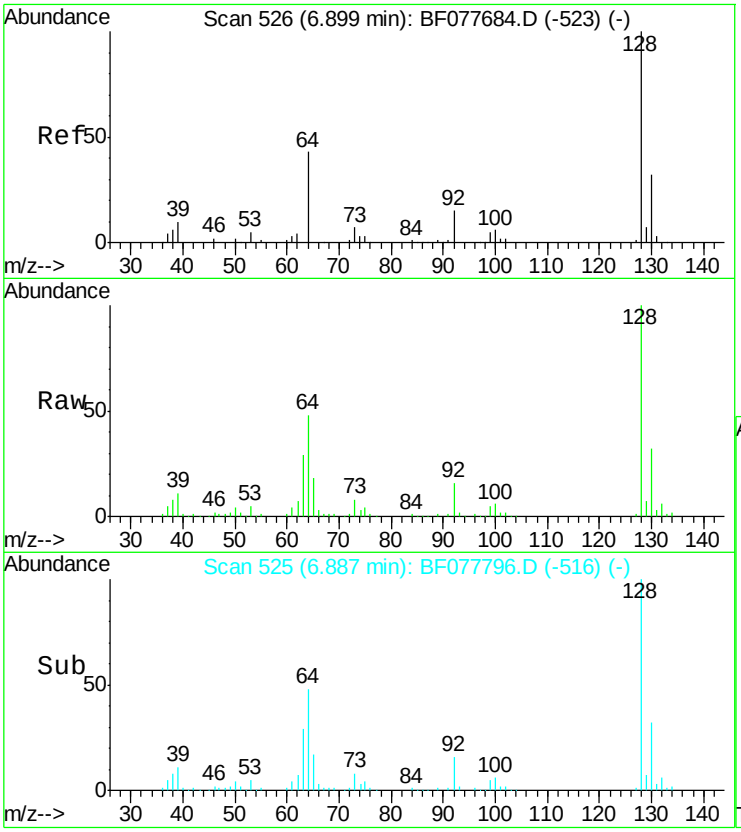


#7
Phenol-d6
Concen: 175.78 ng
RT: 6.73 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion: 99 Resp: 531107

Ion	Ratio	Lower	Upper
99	100		
42	17.0	11.0	16.4#
71	32.0	23.4	35.2



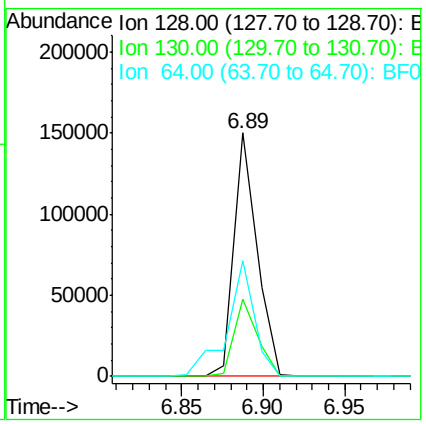


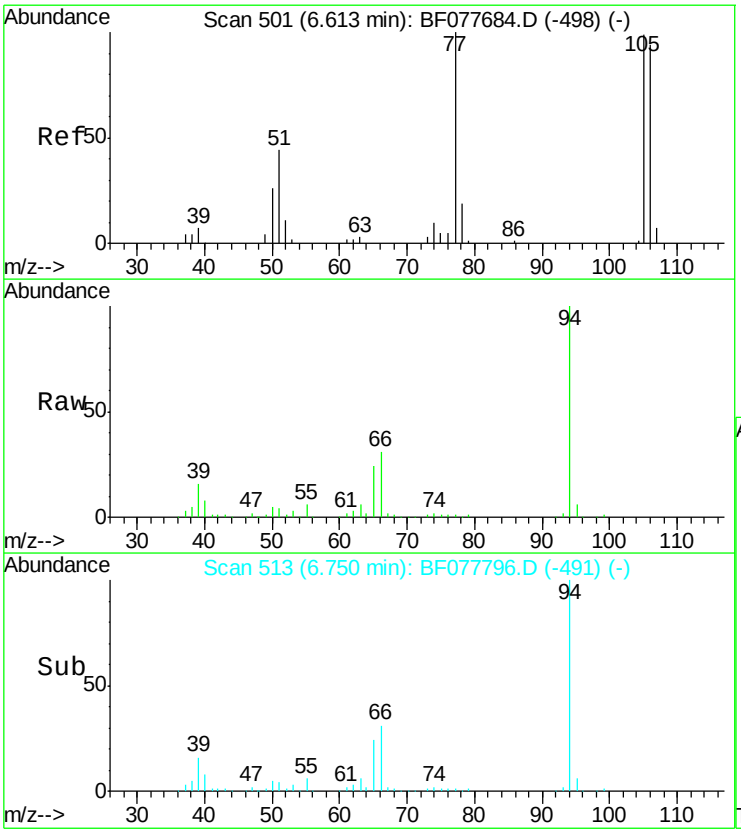
#8
2-Chlorophenol
Concen: 50.21 ng
RT: 6.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:128 Resp: 146159

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.0	52.0
64	47.5	24.9	64.9

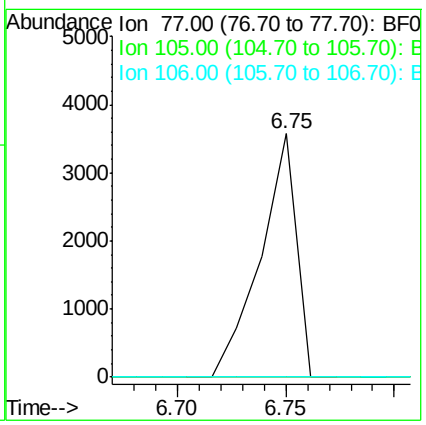


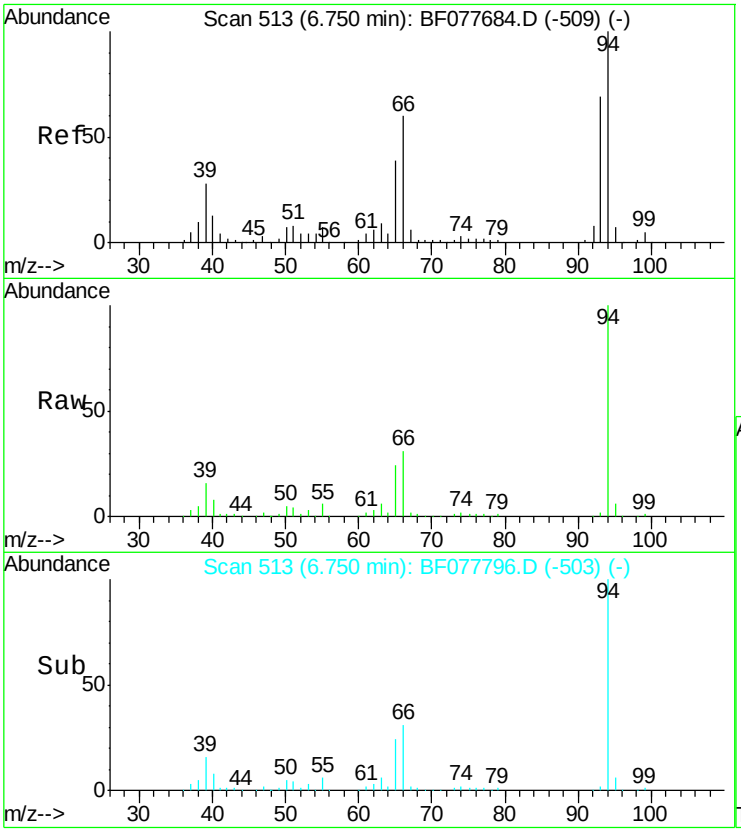


#9
Benzaldehyde
Concen: 3.36 ng
RT: 6.75 min Scan# 513
Delta R.T. 0.15 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion: 77 Resp: 4154

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.8	118.8#
106	0.0	73.7	113.7#



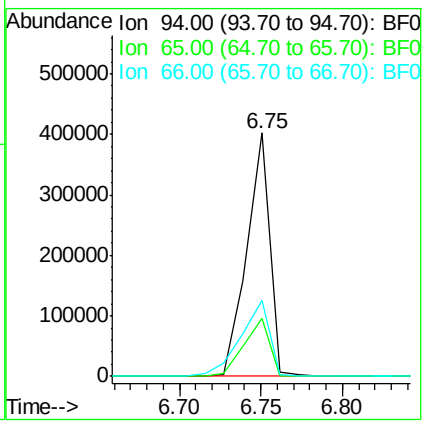


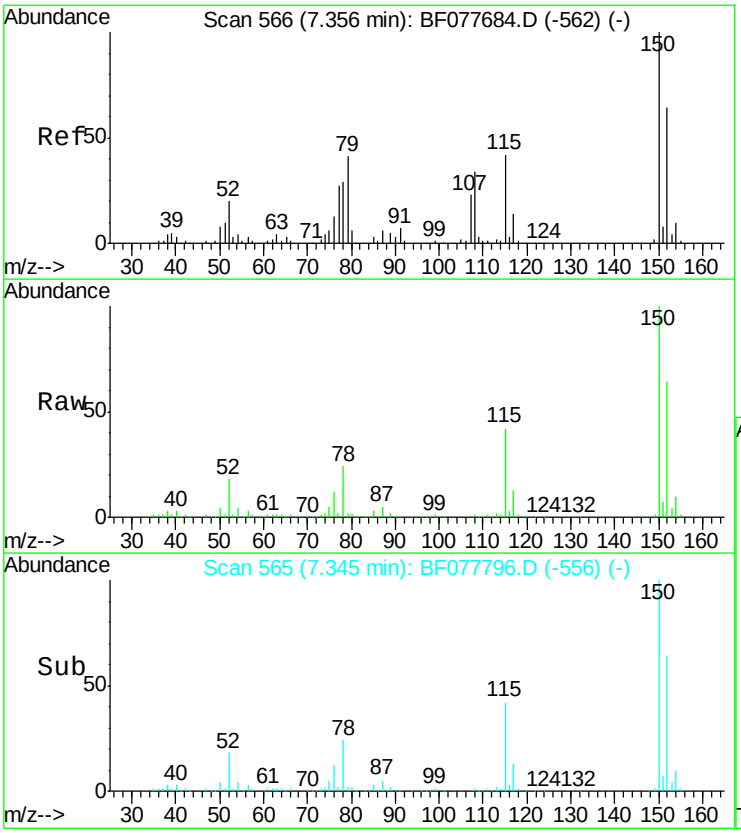
#10
Phenol
Concen: 110.33 ng
RT: 6.75 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 94 Resp: 394046

Ion	Ratio	Lower	Upper
94	100		
65	23.8	18.8	58.8
66	31.3	39.9	79.9#

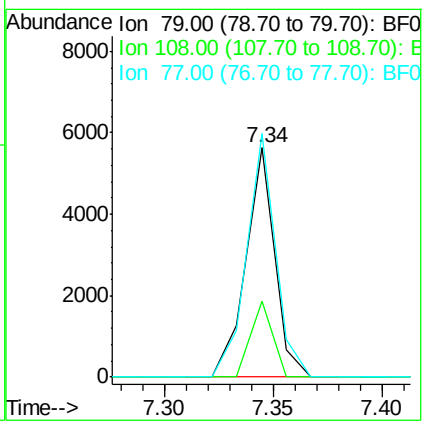


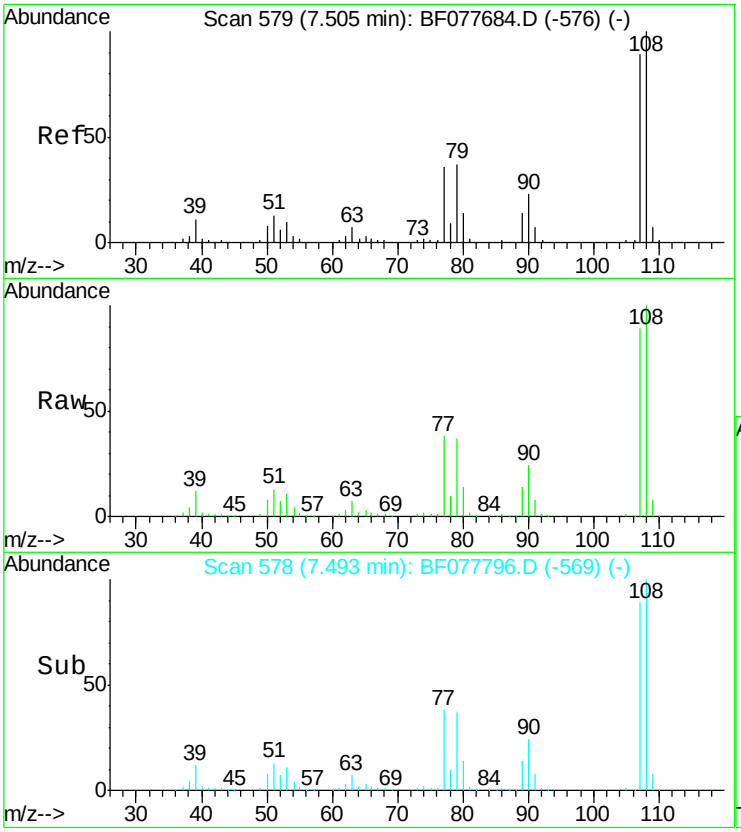


#15
Benzyl Alcohol
Concen: 2.20 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion: 79 Resp: 5179

Ion	Ratio	Lower	Upper
79	100		
108	33.4	65.0	97.4#
77	106.3	53.0	79.6#



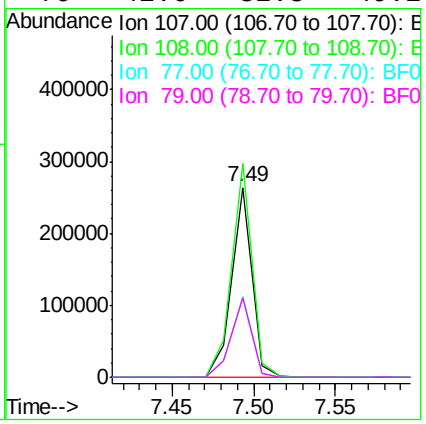


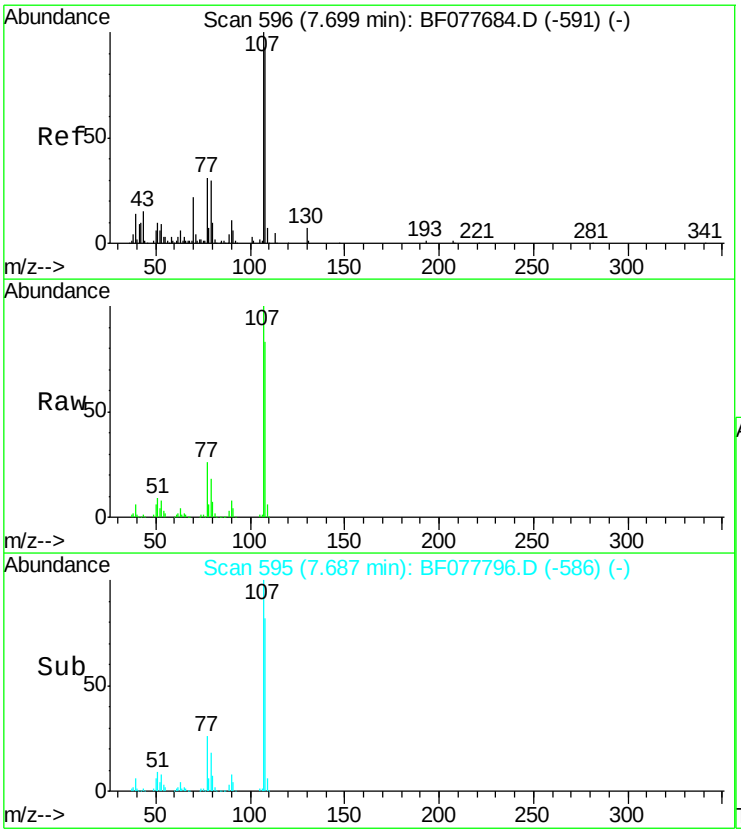
#17
2-Methylphenol
Concen: 95.12 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:107 Resp: 225403

Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.8	134.8
77	42.4	32.6	48.8
79	42.0	32.8	49.2

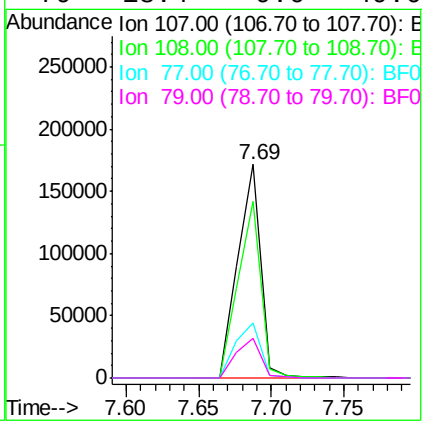


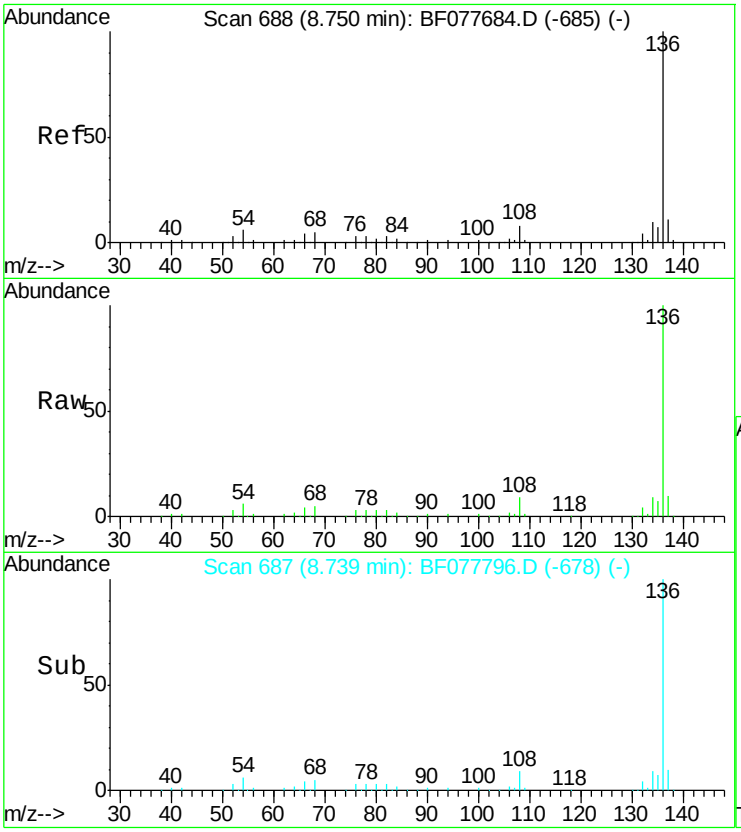


#20
3+4-Methylphenols
Concen: 60.65 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion:107 Resp: 188606

Ion	Ratio	Lower	Upper
107	100		
108	82.6	73.2	113.2
77	26.0	10.7	50.7
79	18.4	9.6	49.6



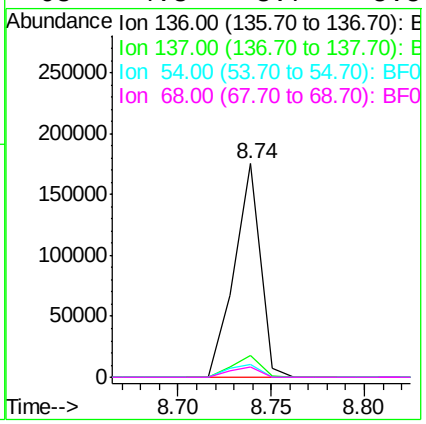


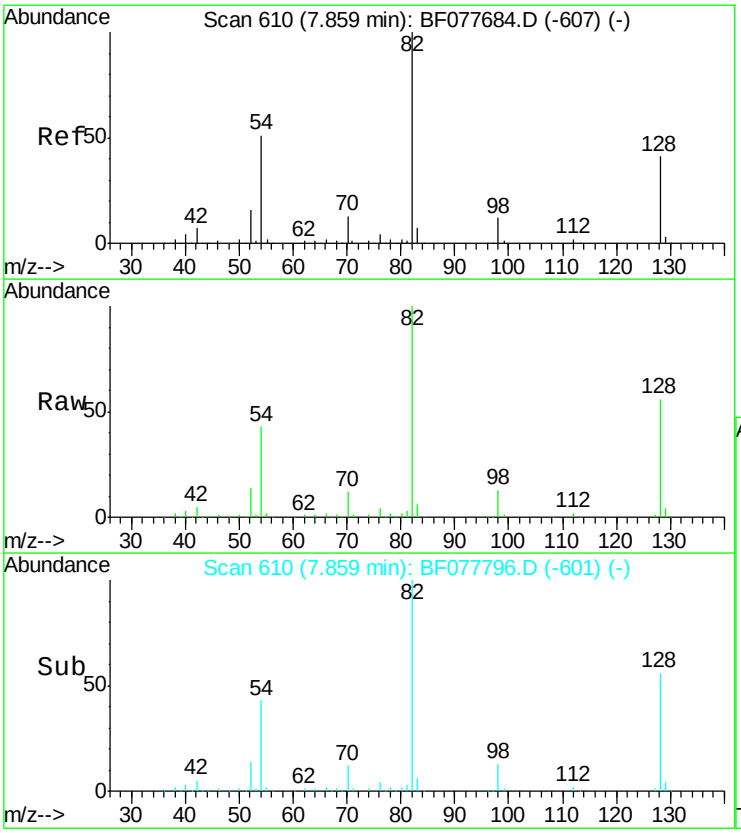
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:136 Resp: 171597

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.8	4.6	6.8
68	4.8	3.7	5.5

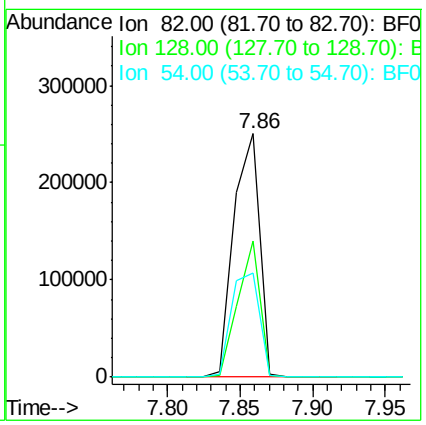


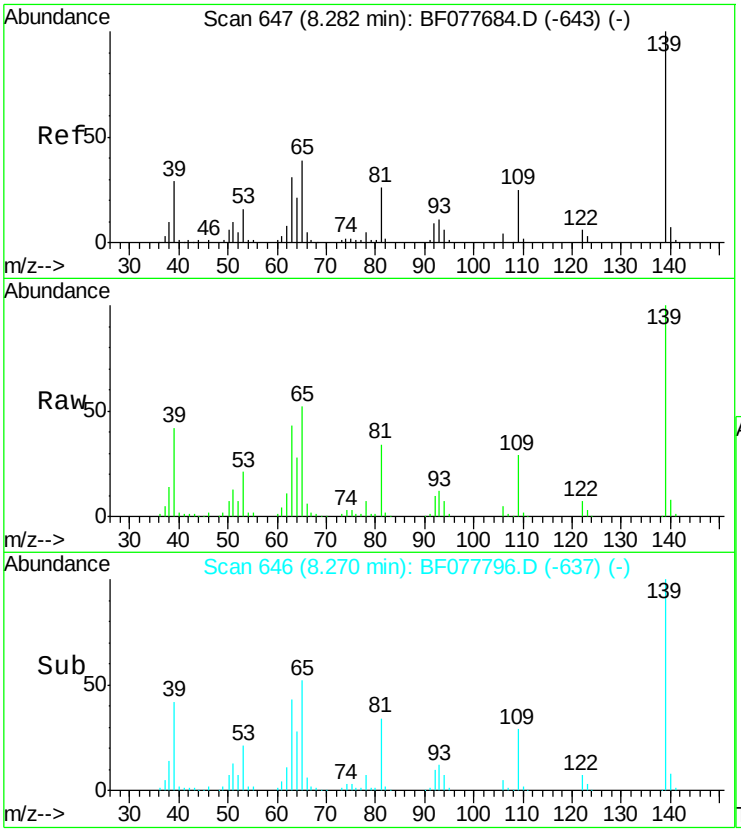


#23
Nitrobenzene-d5
Concen: 118.07 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion: 82 Resp: 309085

Ion	Ratio	Lower	Upper
82	100		
128	55.9	32.8	49.2#
54	42.9	40.6	60.8



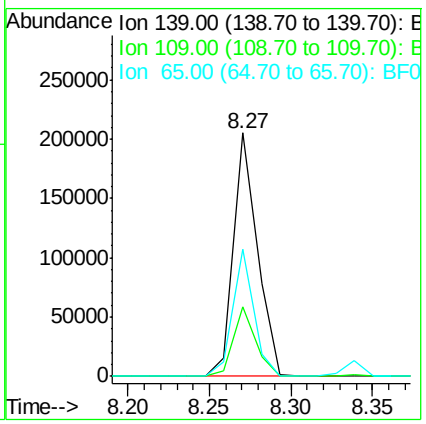


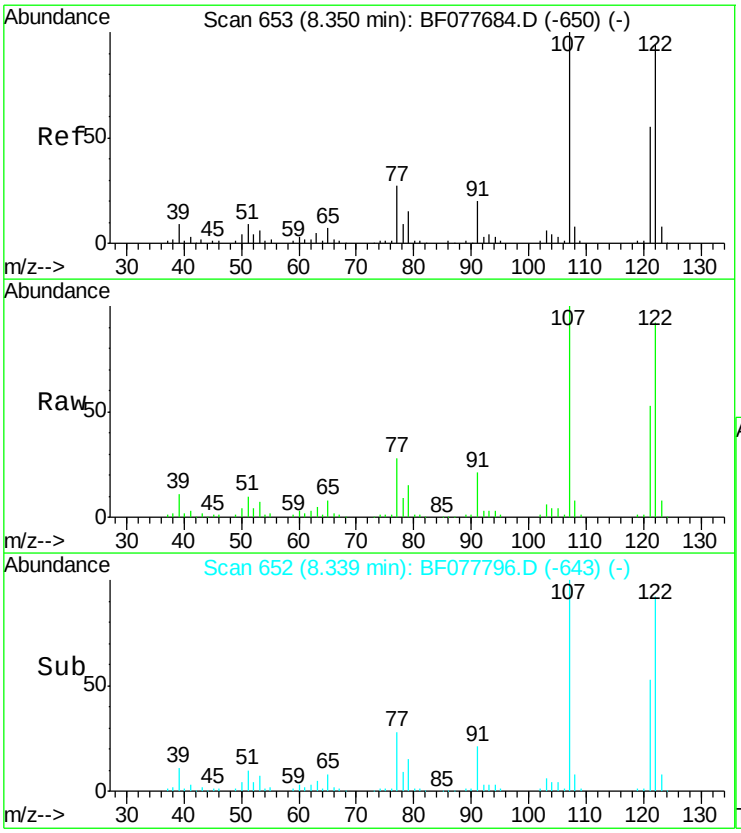
#26
2-Nitrophenol
Concen: 150.06 ng
RT: 8.27 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:139 Resp: 207182

Ion	Ratio	Lower	Upper
139	100		
109	28.7	20.1	30.1
65	52.0	31.5	47.3#

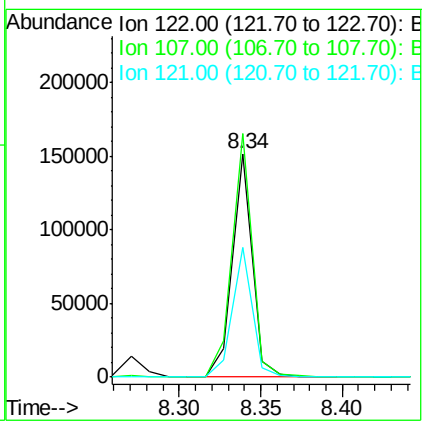


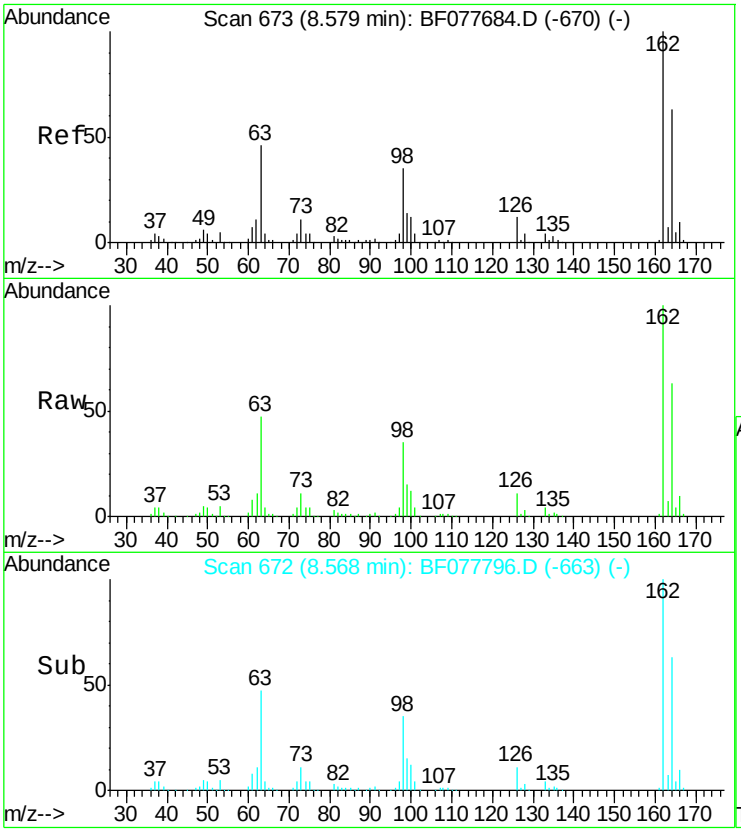


#27
2,4-Dimethylphenol
Concen: 50.57 ng
RT: 8.34 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion:122 Resp: 127192

Ion	Ratio	Lower	Upper
122	100		
107	109.0	84.7	127.1
121	58.2	46.6	69.8



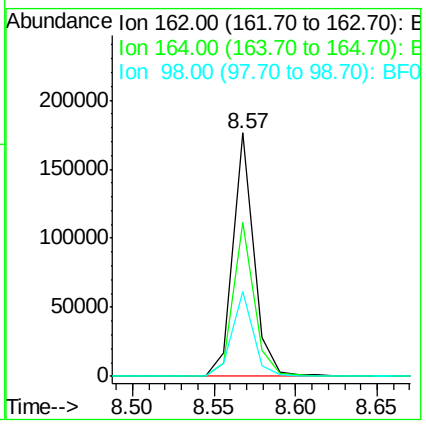


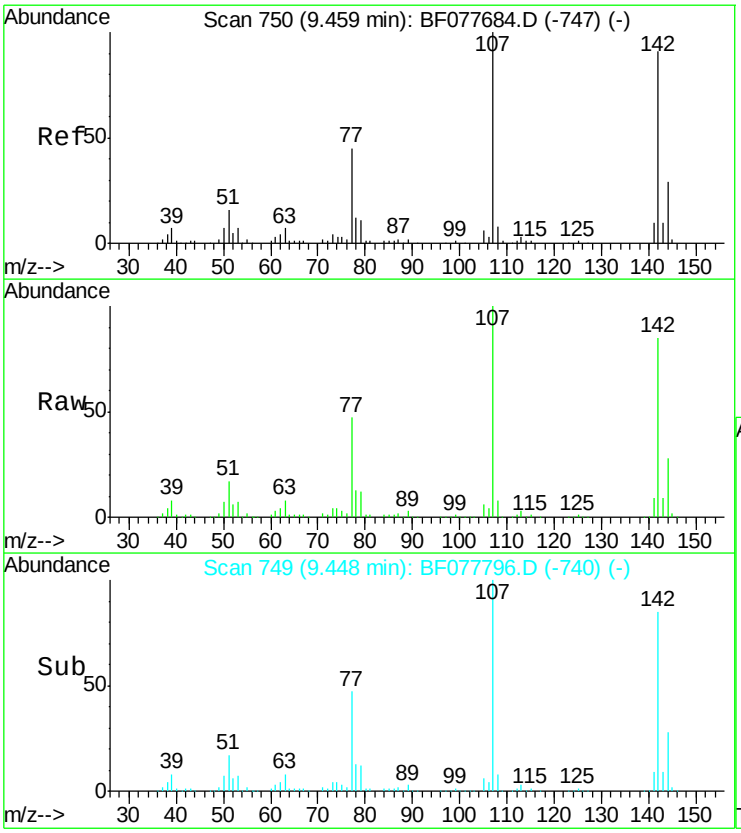
#29
2,4-Dichlorophenol
Concen: 65.02 ng
RT: 8.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:162 Resp: 155902

Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.8	82.8
98	35.0	14.5	54.5

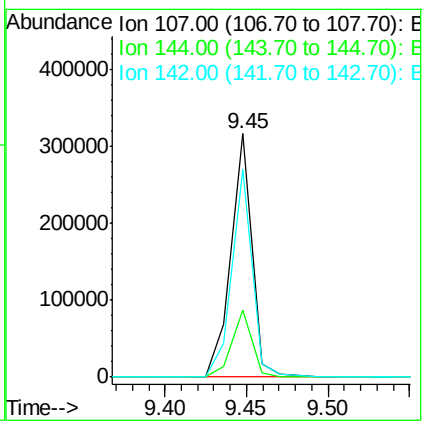


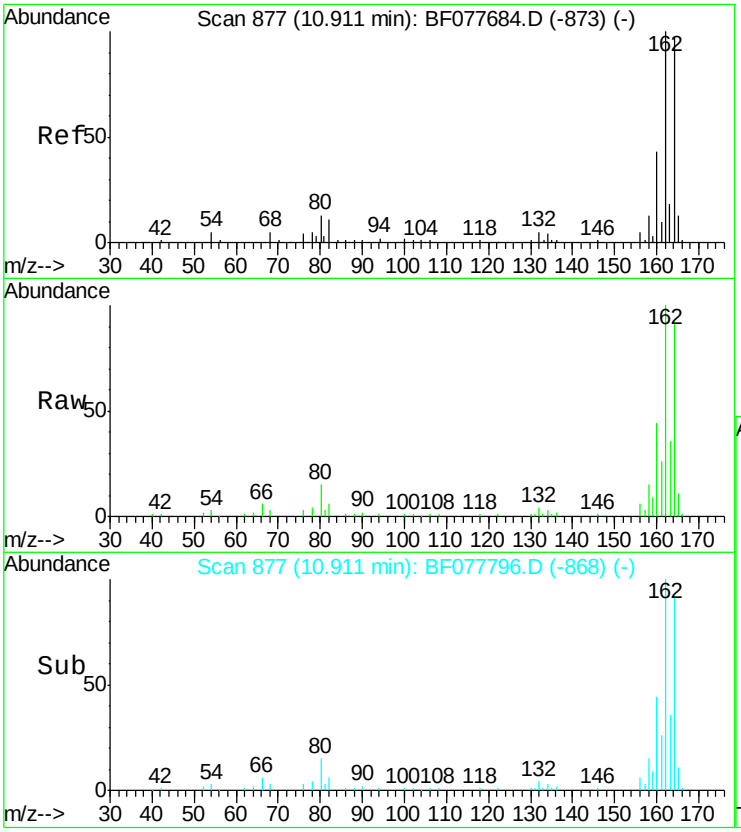


#36
4-Chloro-3-methylphenol
Concen: 116.75 ng
RT: 9.45 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion:107 Resp: 281651

Ion	Ratio	Lower	Upper
107	100		
144	27.7	23.3	34.9
142	85.4	72.6	109.0



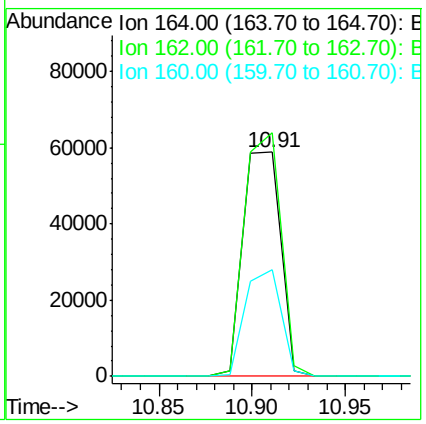


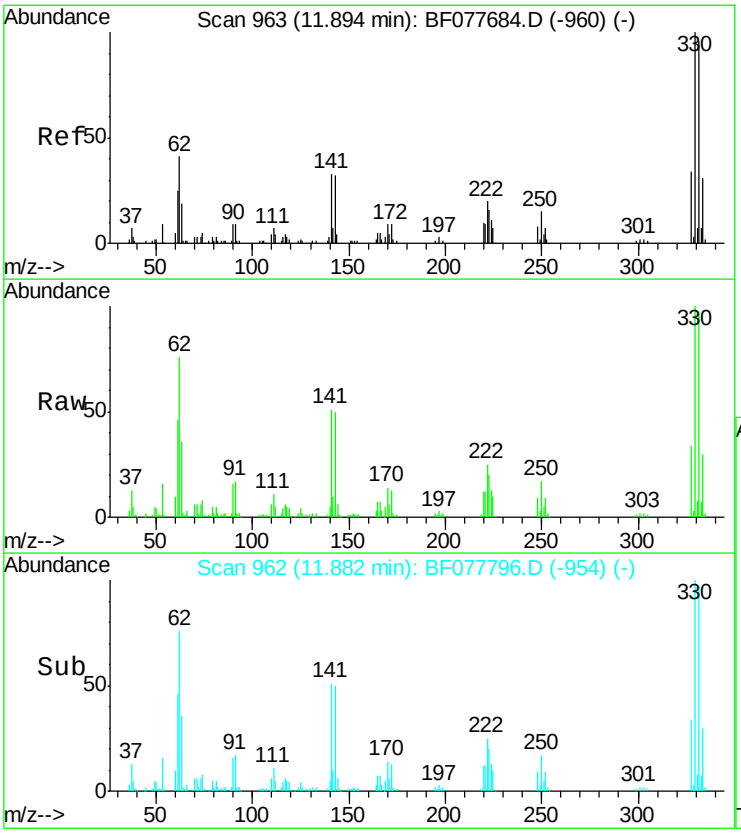
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:164 Resp: 82508

Ion	Ratio	Lower	Upper
164	100		
162	108.6	82.4	123.6
160	47.4	35.8	53.6

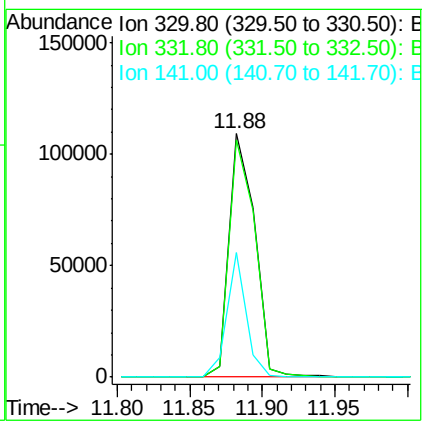


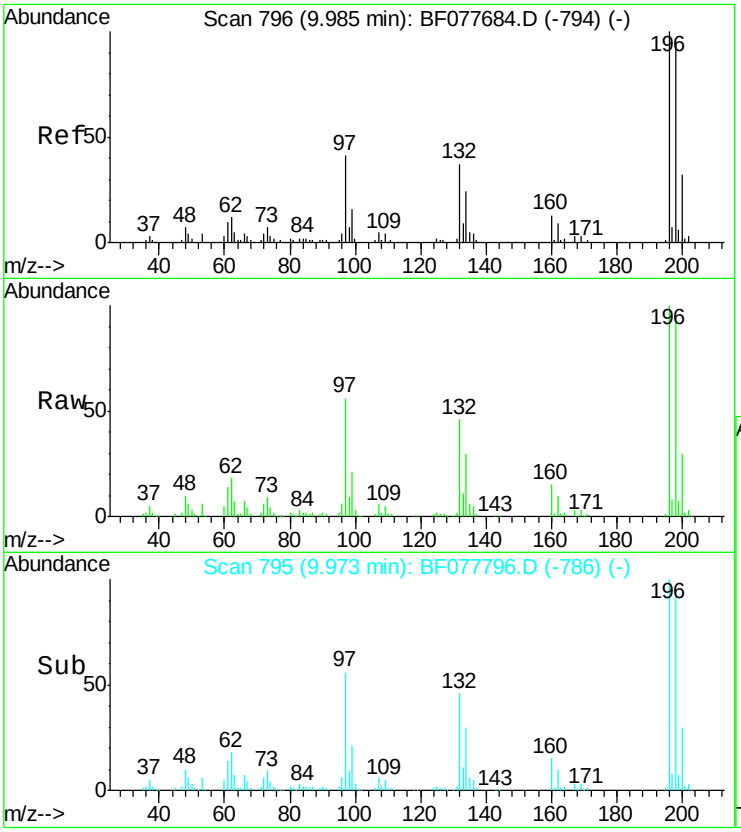


#41
2,4,6-Tribromophenol
Concen: 170.61 ng
RT: 11.88 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion:330 Resp: 134686

Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	38.6	0.0	0.0#



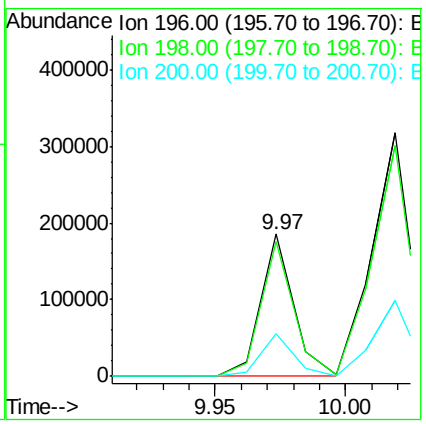


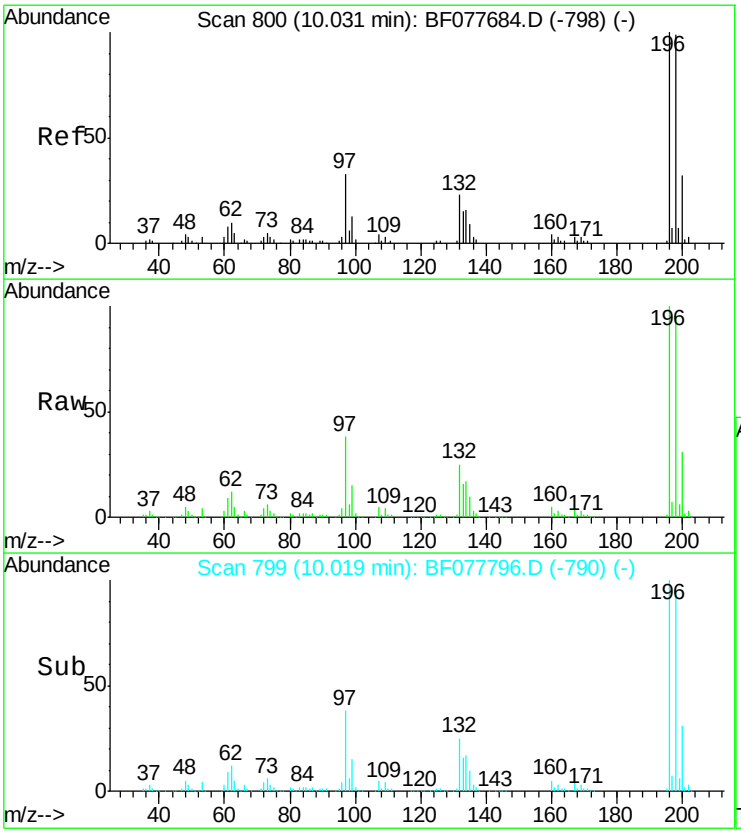
#42
2,4,6-Trichlorophenol
Concen: 96.43 ng
RT: 9.97 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:196 Resp: 164376

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.3	114.5
200	29.9	25.6	38.4

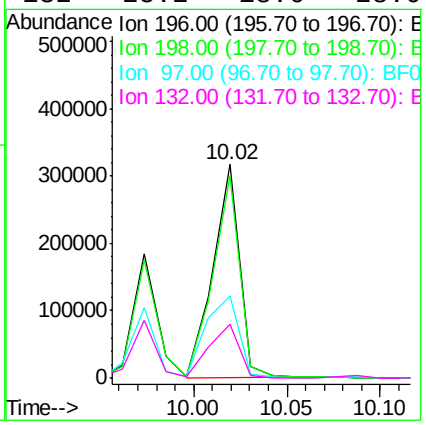


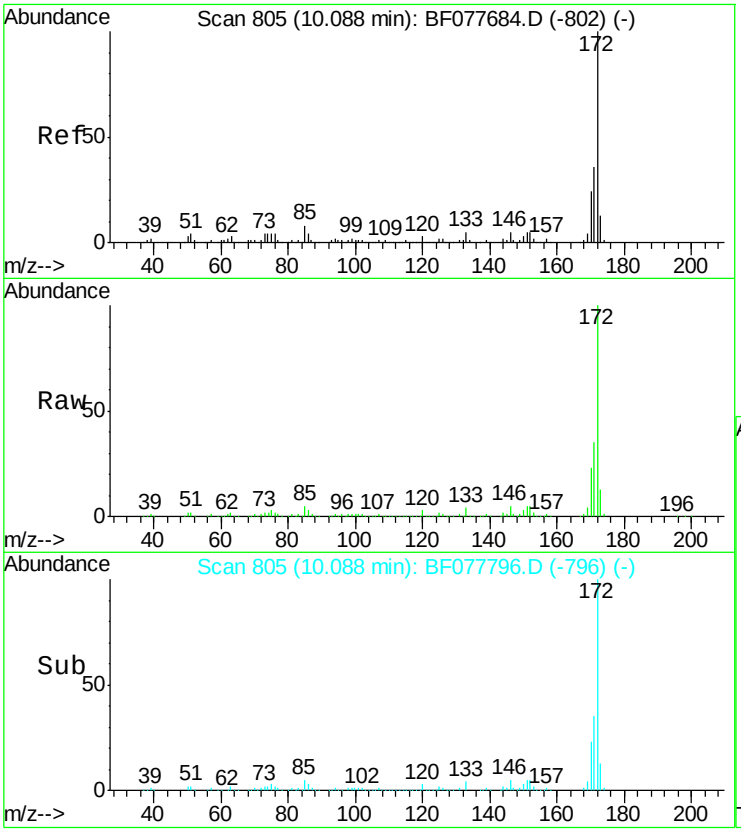


#43
2,4,5-Trichlorophenol
Concen: 170.70 ng
RT: 10.02 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion:196 Resp: 314358

Ion	Ratio	Lower	Upper
196	100		
198	94.9	79.4	119.0
97	38.3	26.8	40.2
132	25.2	18.6	28.0



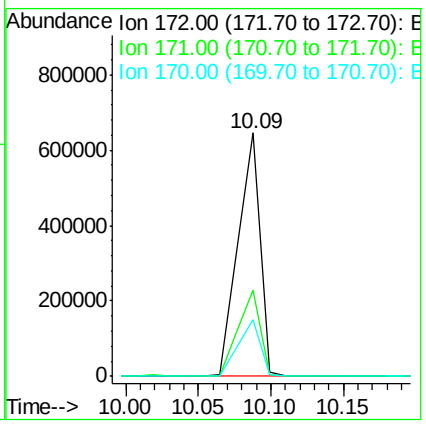


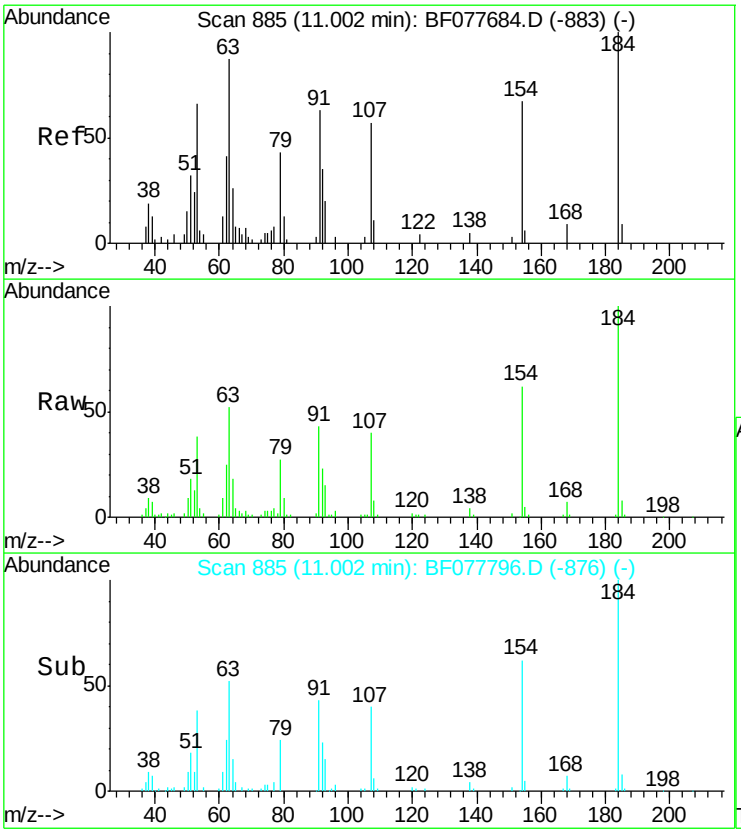
#44
2-Fluorobiphenyl
Concen: 120.94 ng
RT: 10.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:172 Resp: 679002

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.3	18.8	28.2

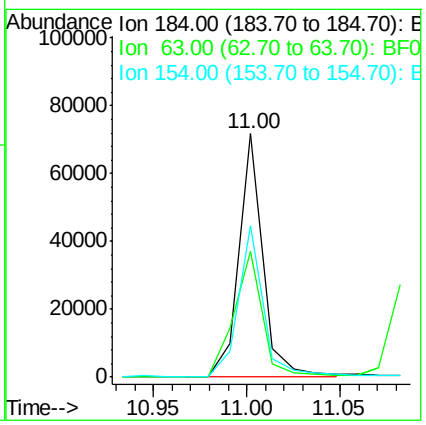


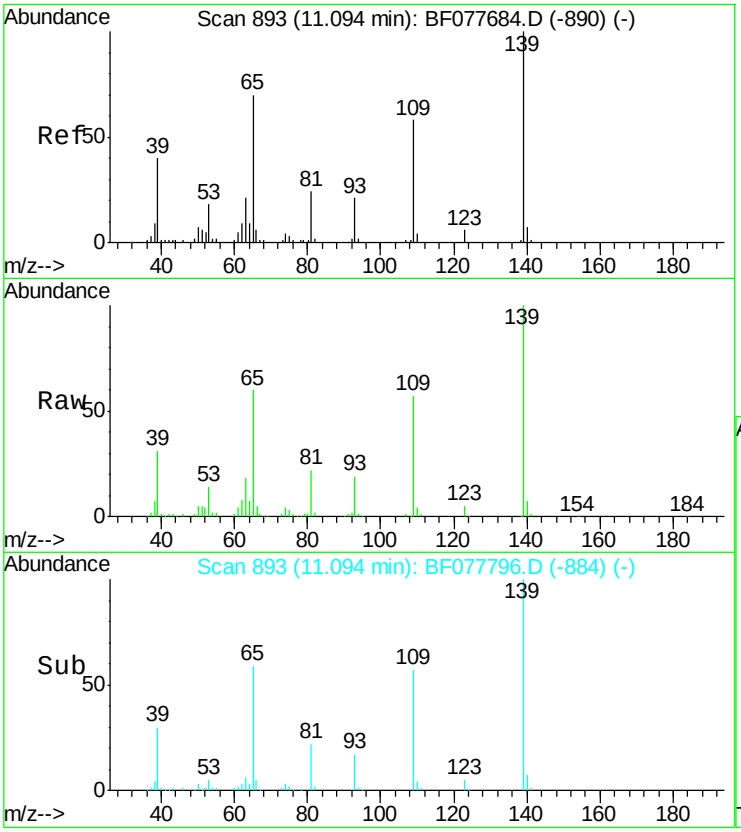


#53
2,4-Dinitrophenol
Concen: 132.97 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion:184 Resp: 64730

Ion	Ratio	Lower	Upper
184	100		
63	51.8	69.2	103.8#
154	62.5	53.3	79.9



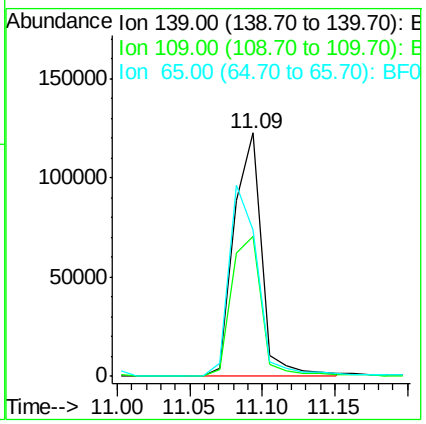


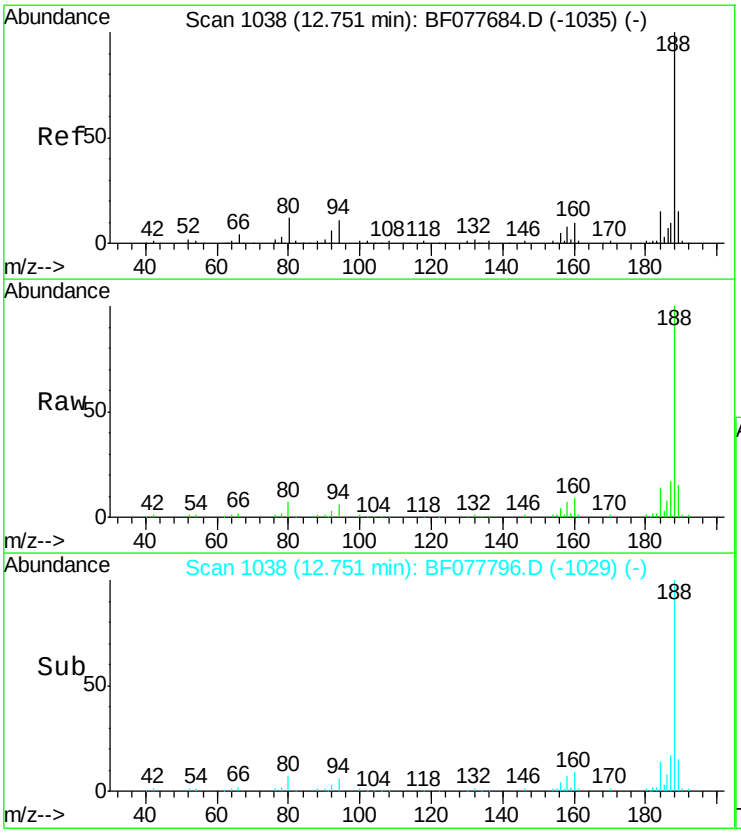
#55
4-Nitrophenol
Concen: 148.81 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:139 Resp: 162390

Ion	Ratio	Lower	Upper
139	100		
109	57.4	37.7	77.7
65	60.1	49.9	89.9

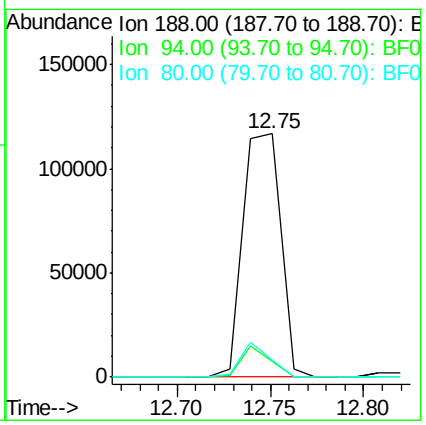


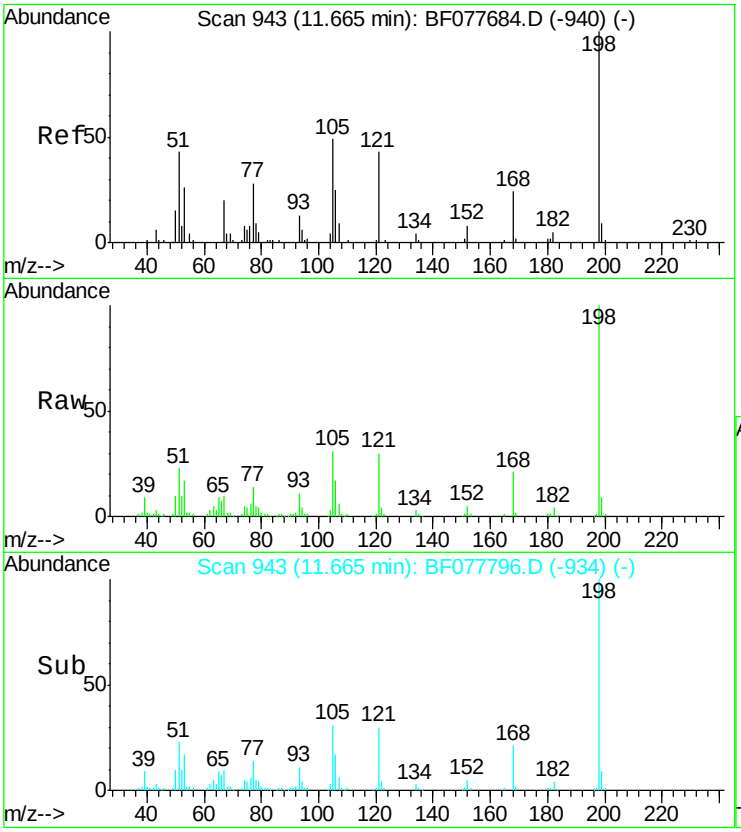


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion:188 Resp: 164148

Ion	Ratio	Lower	Upper
188	100		
94	6.4	8.7	13.1#
80	7.1	9.3	13.9#



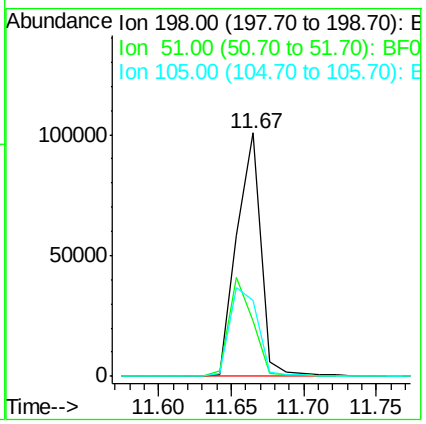


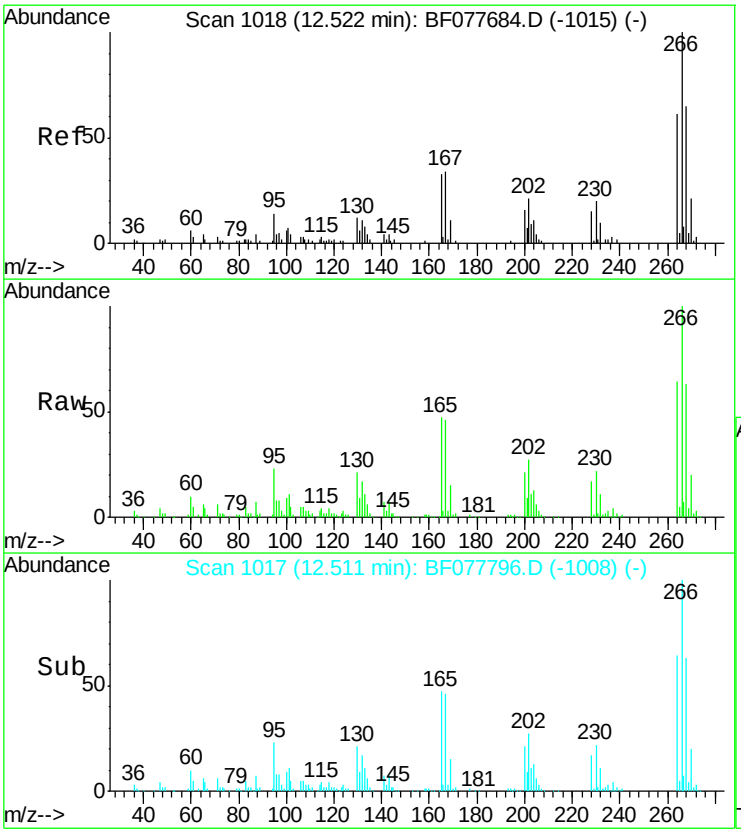
#64
4,6-Dinitro-2-methylphenol
Concen: 140.97 ng
RT: 11.67 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:198 Resp: 116343

Ion	Ratio	Lower	Upper
198	100		
51	22.8	28.8	68.8#
105	30.9	30.5	70.5

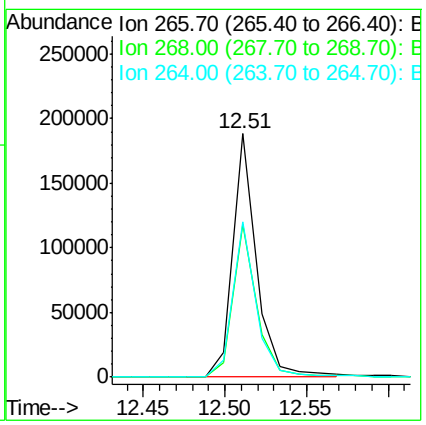


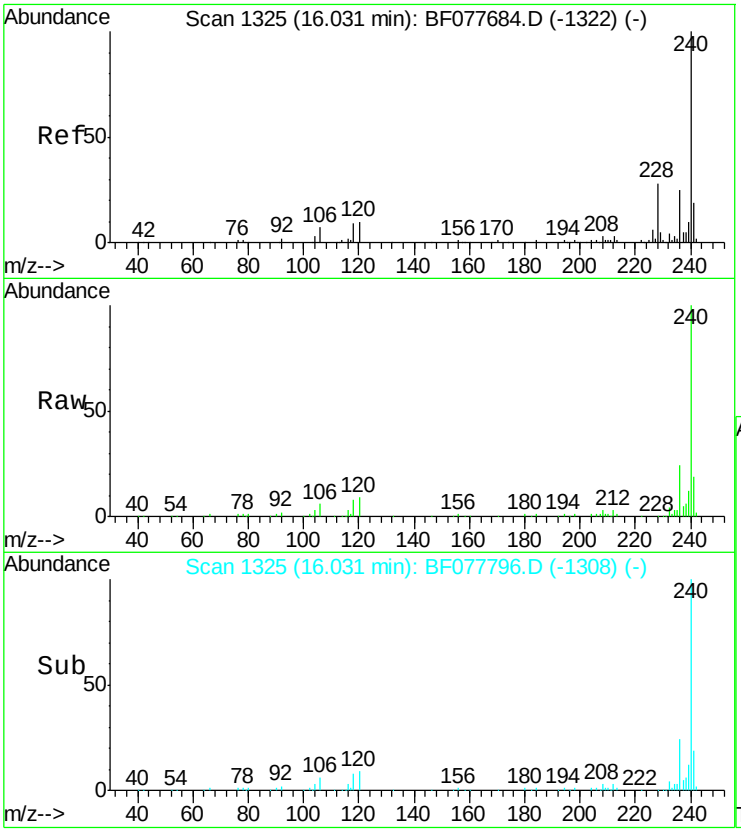


#69
Pentachlorophenol
Concen: 182.10 ng
RT: 12.51 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion:266 Resp: 187708

Ion	Ratio	Lower	Upper
266	100		
268	62.8	52.0	78.0
264	63.5	49.0	73.4



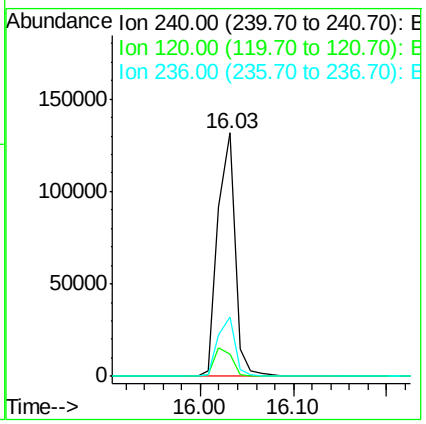


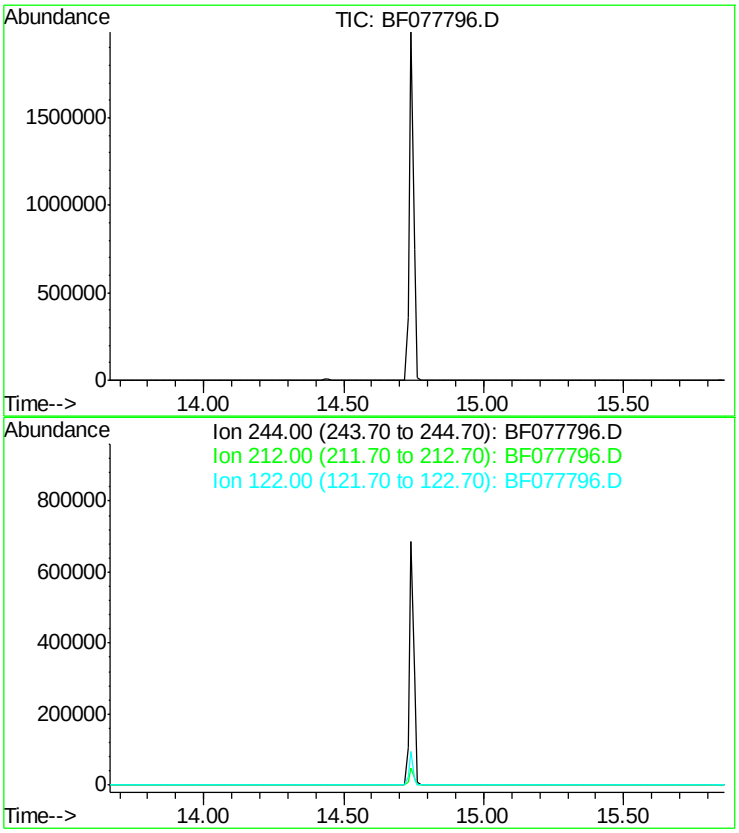
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.10 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:240 Resp: 169859

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.2
236	24.4	20.0	30.0



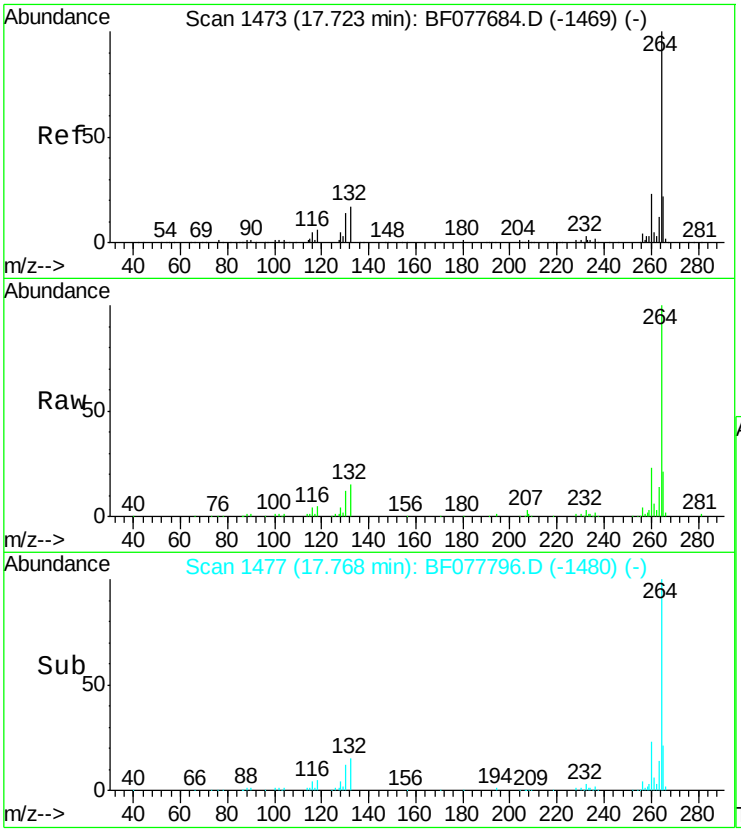


#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 14.76 min

Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.1
122	7.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1477
Delta R.T. -0.33 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:264 Resp: 160587

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.3	17.3	25.9