Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012115\
Data File : BF077001.D
Acq On : 21 Jan 2015 18:07
Operator : TP/IZ
Sample : G1100-12DL 5X
Misc : W/ACID
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 22 01:24:33 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 22 00:29:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	34091	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	148143	20.00	ng		-0.01
38) Acenaphthene-d10	14.88	164	75410	20.00	ng		-0.01
63) Phenanthrene-d10	17.69	188	125620	20.00	ng		0.00
75) Chrysene-d12	21.19	240	132168	20.00	ng		-0.01
86) Perylene-d12	22.85	264	115124	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	56109	27.06	ng		0.00
7) Phenol-d6	7.26	99	73974	28.28	ng		-0.02
23) Nitrobenzene-d5	9.14	82	44914	16.80	ng		-0.01
41) 2,4,6-Tribromophenol	16.59	330	17415	28.45	ng		-0.01
44) 2-Fluorobiphenyl	13.42	172	92726	18.71	ng		0.00
78) Terphenyl-d14	19.92	244	102981	17.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.43	88	1866	2.10	ng	#	12
8) 2-Chlorophenol	7.38	128	63159	26.42	ng		99
10) Phenol	7.28	94	55893	20.12	ng		88
17) 2-Methylphenol	8.64	107	31204	15.97	ng	#	89
20) 3+4-Methylphenols	9.02	107	86066	33.27	ng		94
26) 2-Nitrophenol	9.93	139	14064	11.48	ng	#	89
27) 2,4-Dimethylphenol	10.22	122	51597	24.49	ng		96
29) 2,4-Dichlorophenol	10.54	162	25310	12.89	ng		94
36) 4-Chloro-3-methylphenol	12.35	107	38790	17.26	ng		97
42) 2,4,6-Trichlorophenol	13.21	196	40851	30.07	ng		93
43) 2,4,5-Trichlorophenol	13.29	196	38173	27.55	ng		98
55) 4-Nitrophenol	15.53	139	23178	27.65	ng		93
64) 4,6-Dinitro-2-methylphenol	16.33	198	9945	14.78	ng	#	65
69) Pentachlorophenol	17.44	266	8641	19.75	ng		98

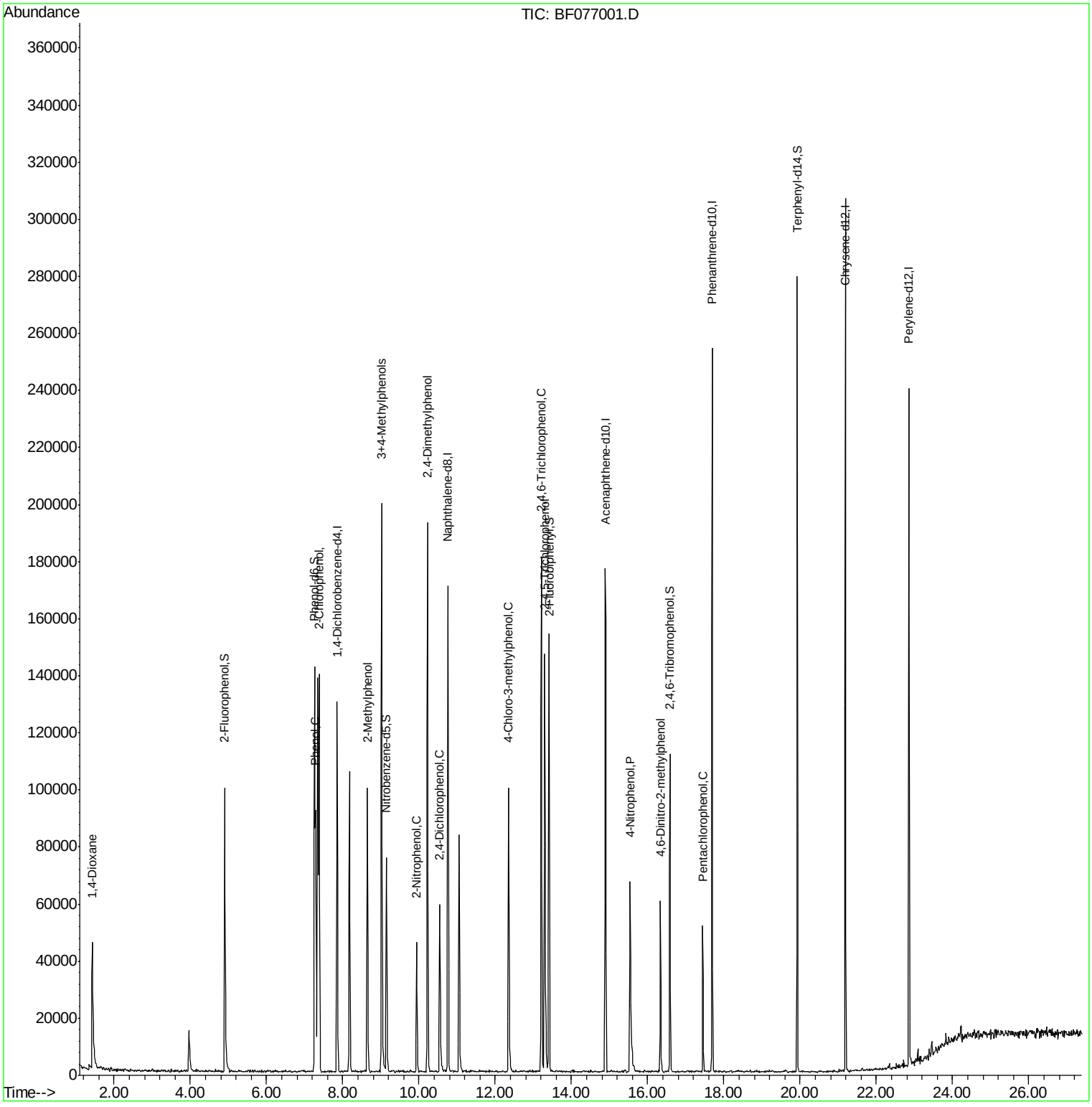
(#) = qualifier out of range (m) = manual integration (+) = signals summed

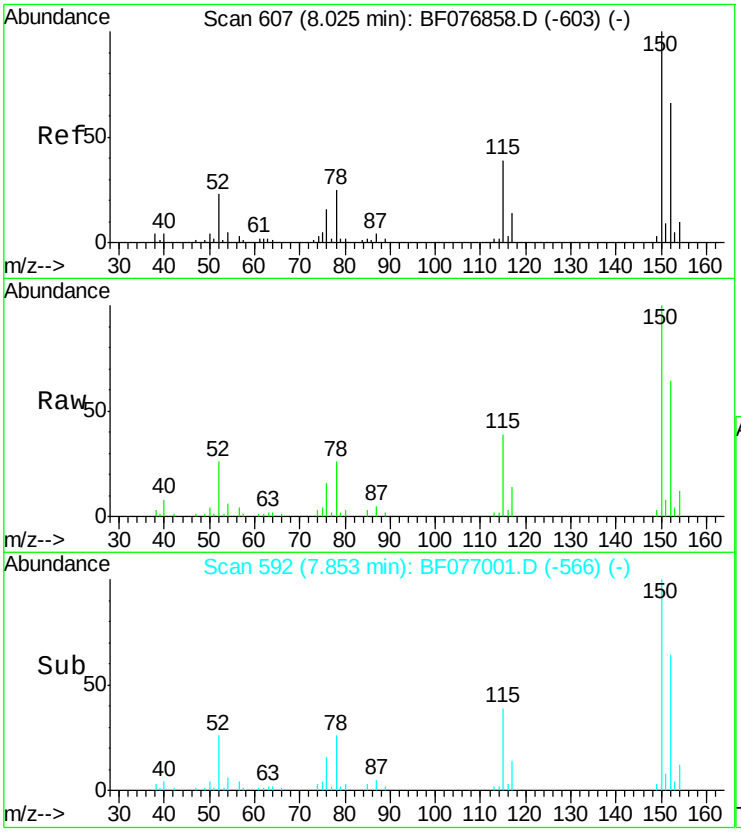
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012115\
Data File : BF077001.D
Acq On : 21 Jan 2015 18:07
Operator : TP/IZ
Sample : G1100-12DL 5X
Misc : W/ACID
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 22 01:24:33 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 22 00:29:07 2015
Response via : Initial Calibration



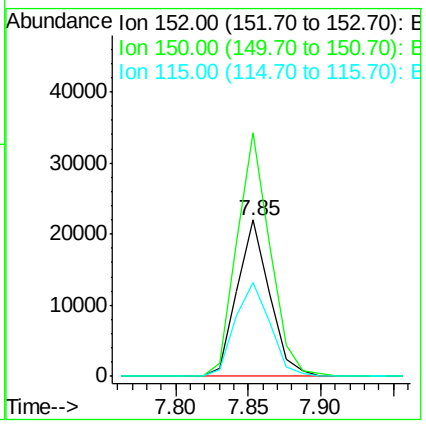


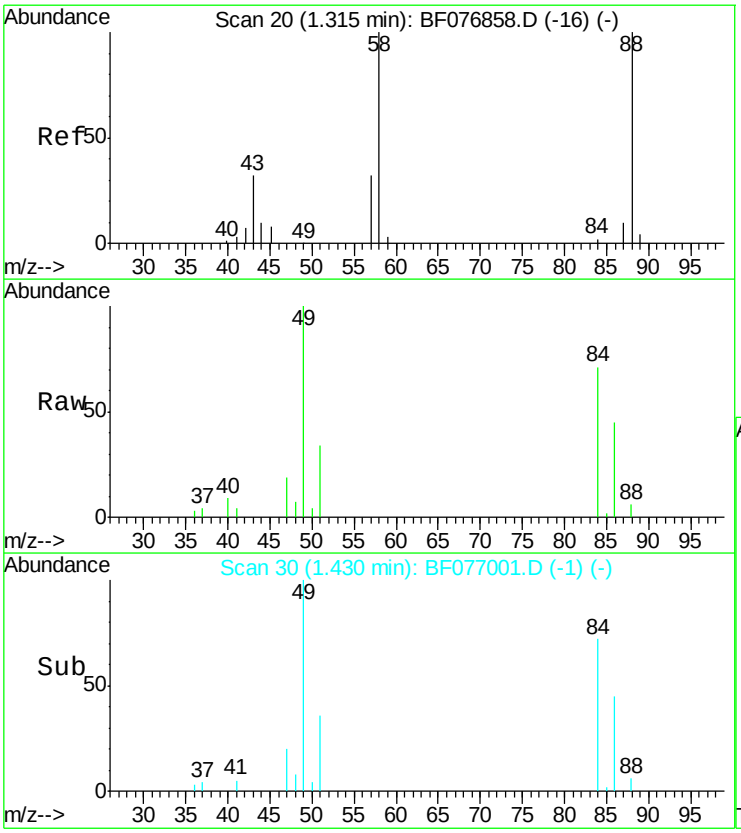
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 34091

Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.7	182.5
115	60.4	47.0	70.6

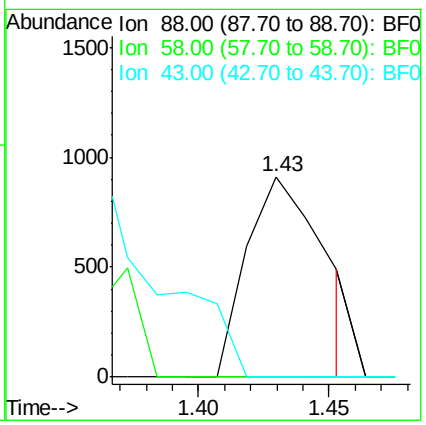


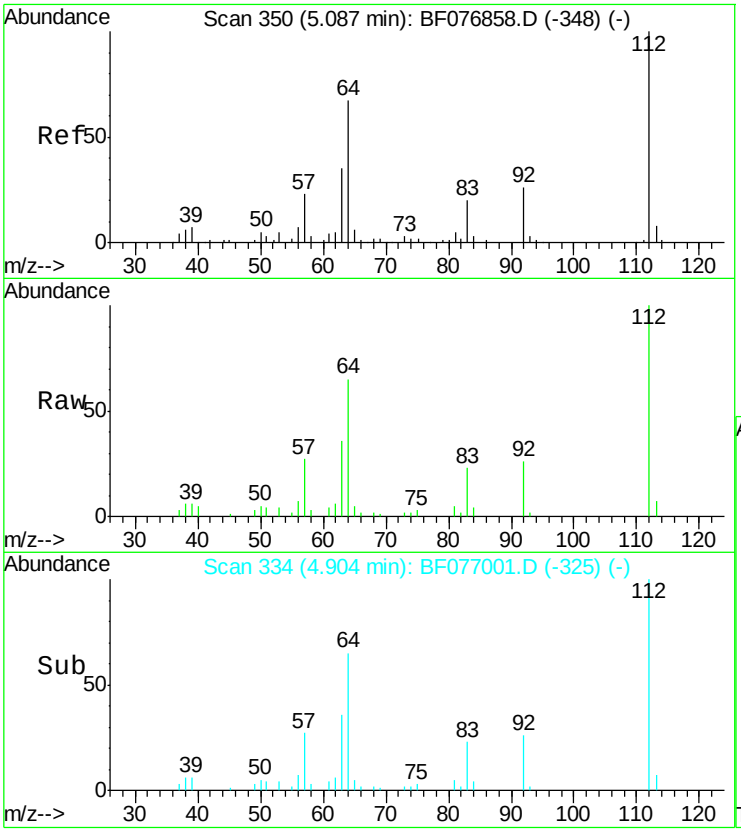


#2
1,4-Dioxane
Concen: 2.10 ng
RT: 1.43 min Scan# 30
Delta R.T. 0.23 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion: 88 Resp: 1866

Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.0	115.4#
43	0.0	25.6	38.4#



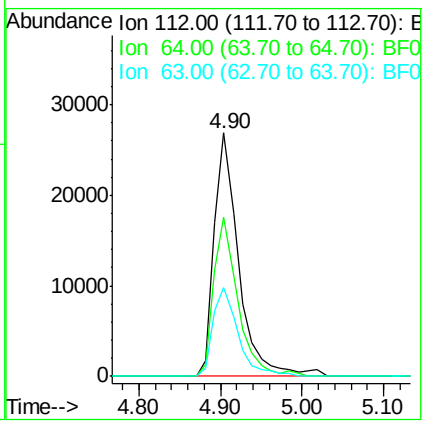


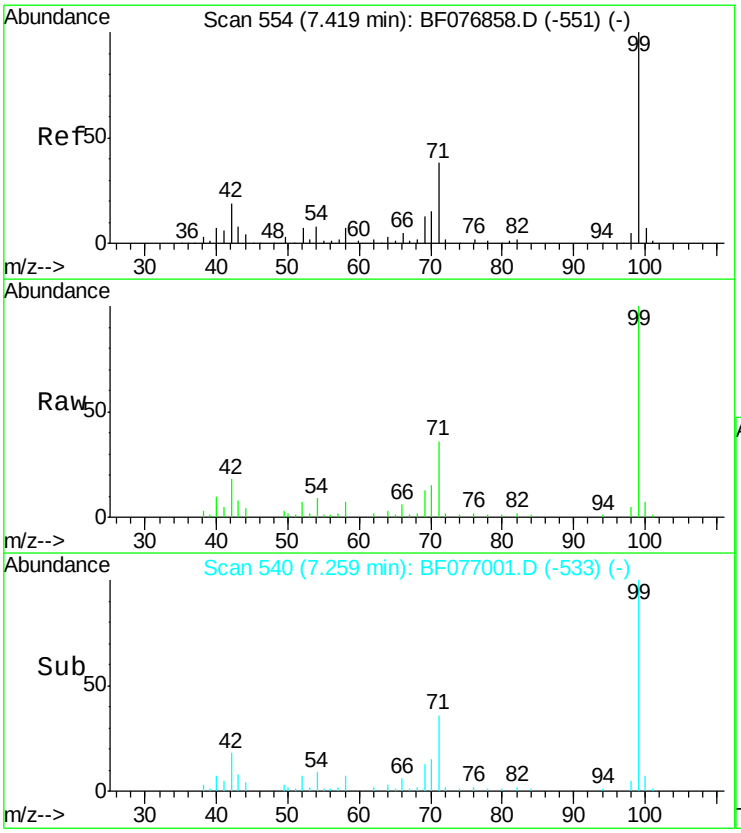
#5
2-Fluorophenol
Concen: 27.06 ng
RT: 4.90 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 56109

Ion	Ratio	Lower	Upper
112	100		
64	65.4	54.2	81.4
63	36.3	28.4	42.6

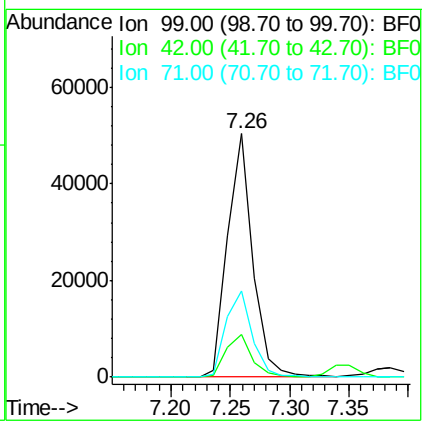


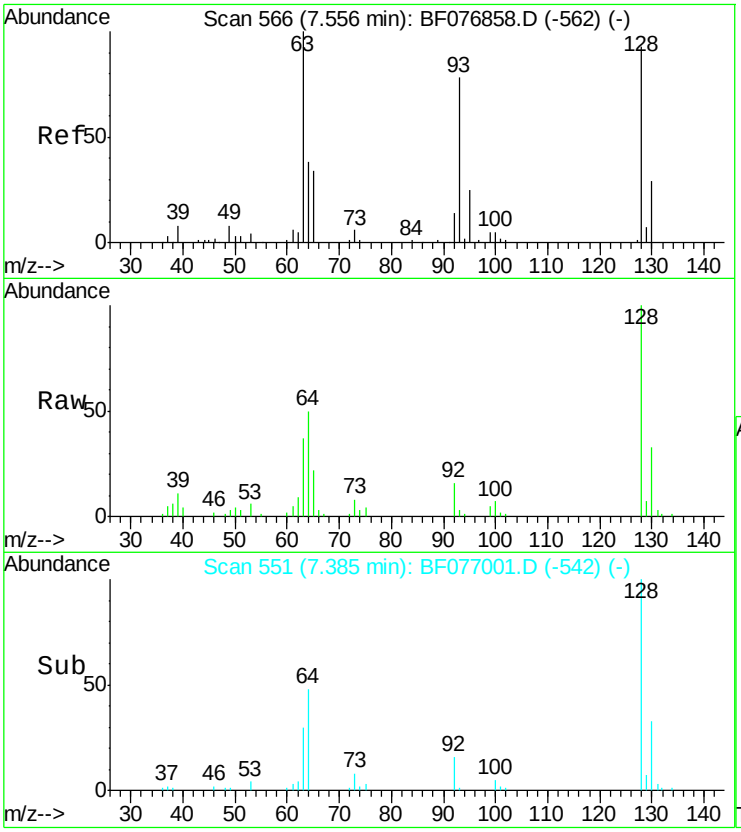


#7
Phenol-d6
Concen: 28.28 ng
RT: 7.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion: 99 Resp: 73974

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	35.5	30.5	45.7



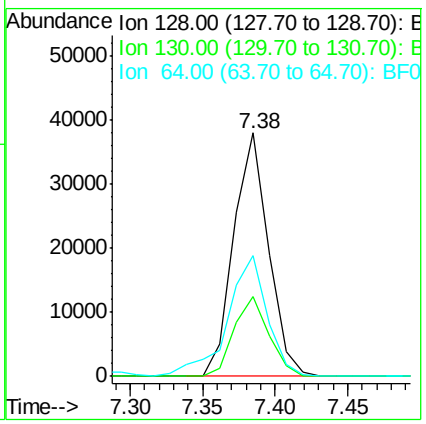


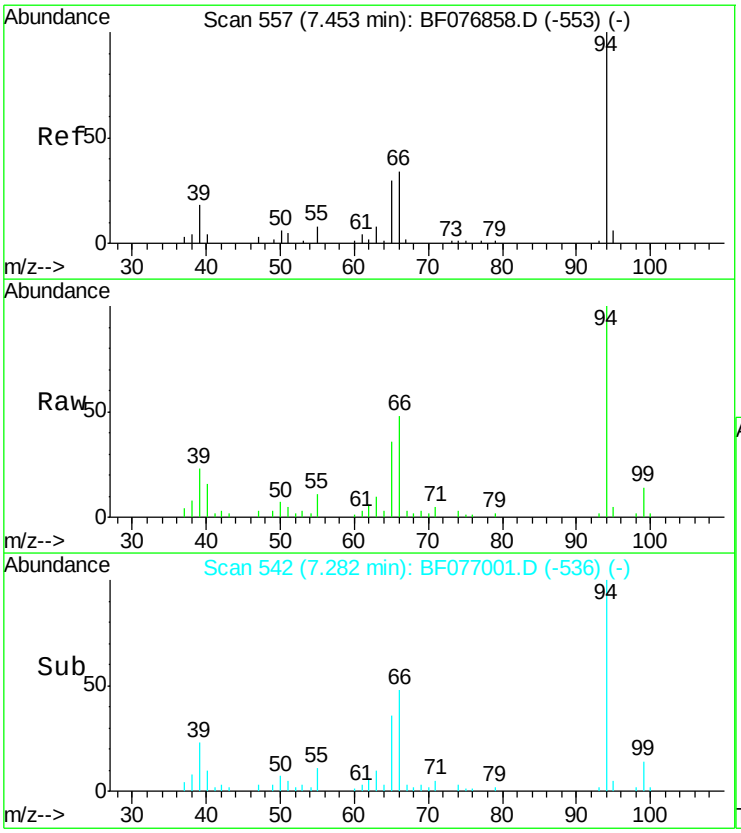
#8
2-Chlorophenol
Concen: 26.42 ng
RT: 7.38 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 63159

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.0	51.0
64	49.5	29.3	69.3

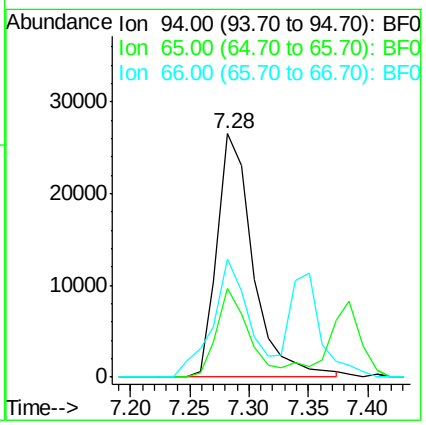


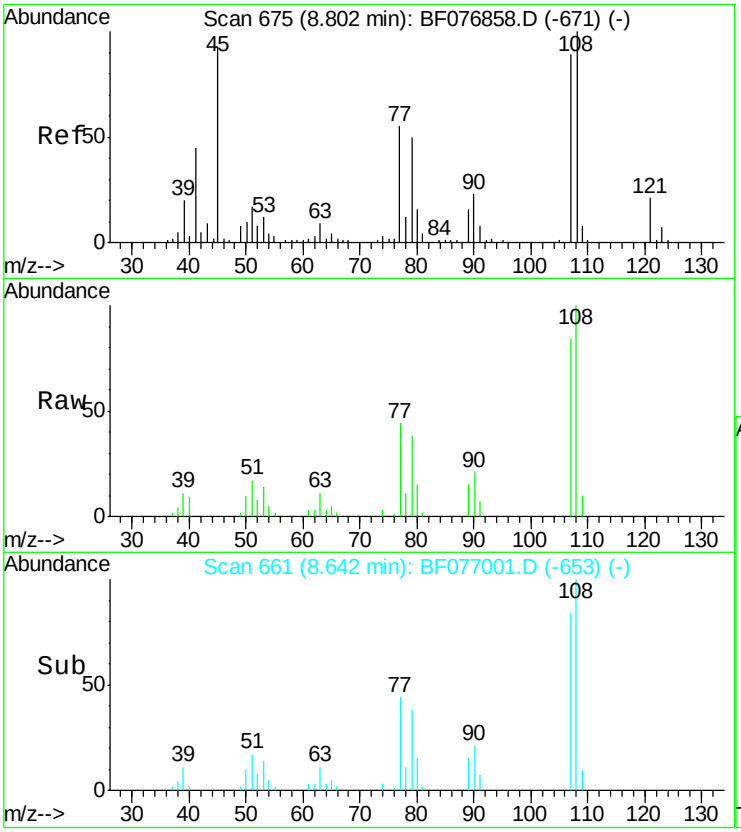


#10
Phenol
Concen: 20.12 ng
RT: 7.28 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion: 94 Resp: 55893

Ion	Ratio	Lower	Upper
94	100		
65	36.5	11.3	51.3
66	48.3	19.5	59.5



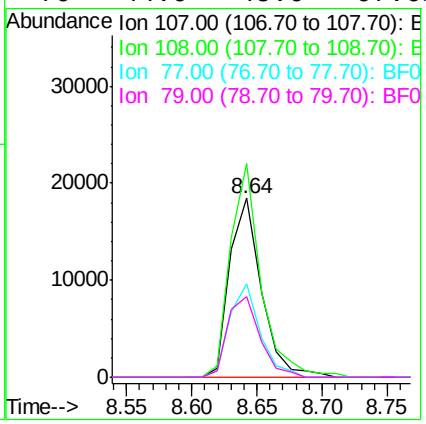


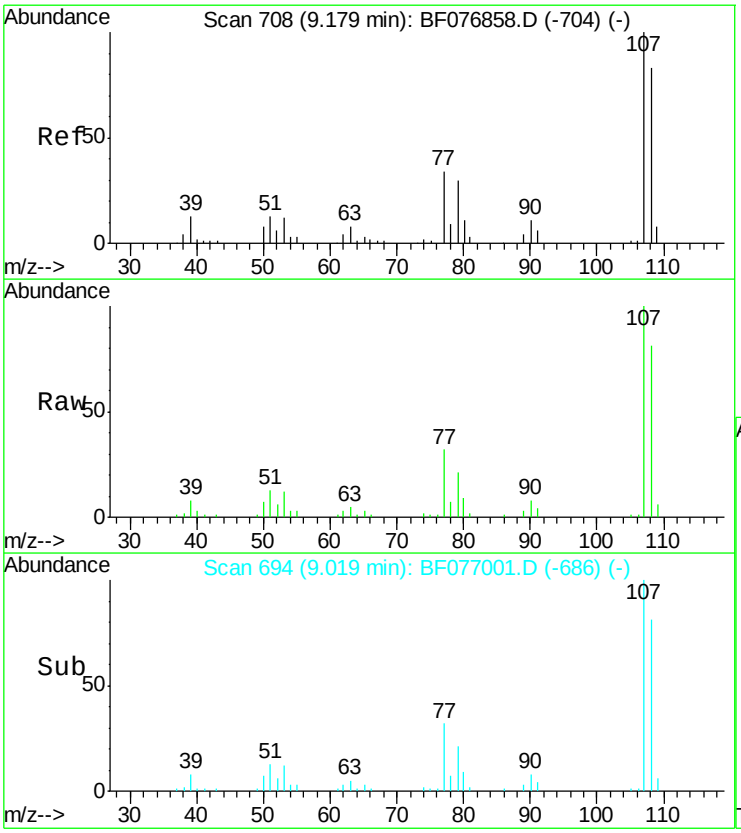
#17
2-Methylphenol
Concen: 15.97 ng
RT: 8.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 31204

Ion	Ratio	Lower	Upper
107	100		
108	119.6	89.7	134.5
77	52.4	50.1	75.1
79	44.9	45.0	67.6#

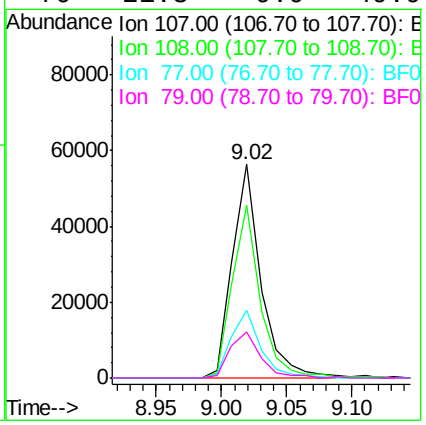


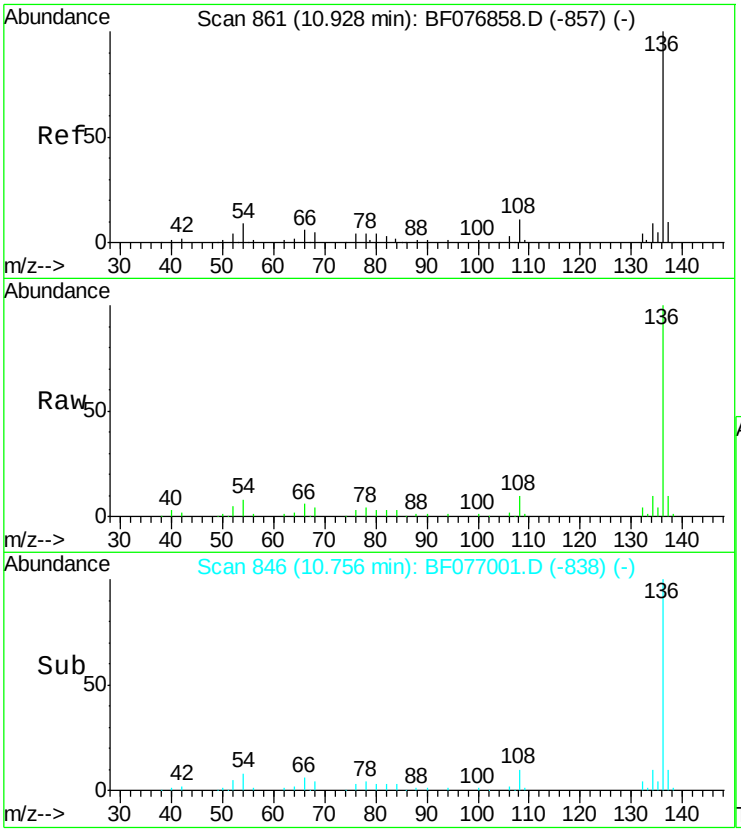


#20
3+4-Methylphenols
Concen: 33.27 ng
RT: 9.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion:107 Resp: 86066

Ion	Ratio	Lower	Upper
107	100		
108	80.8	63.5	103.5
77	31.6	14.0	54.0
79	21.3	9.9	49.9



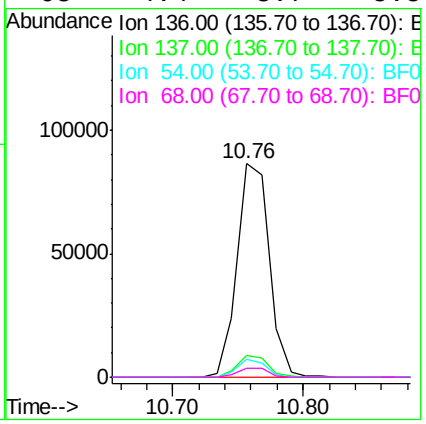


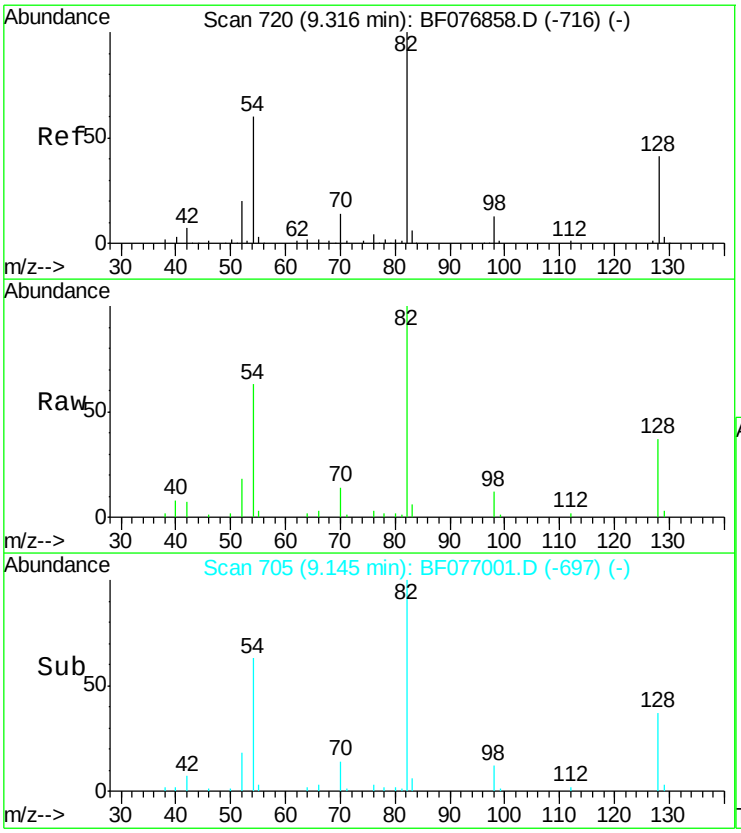
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 148143

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.1	12.1
54	8.4	7.0	10.4
68	4.4	3.7	5.5

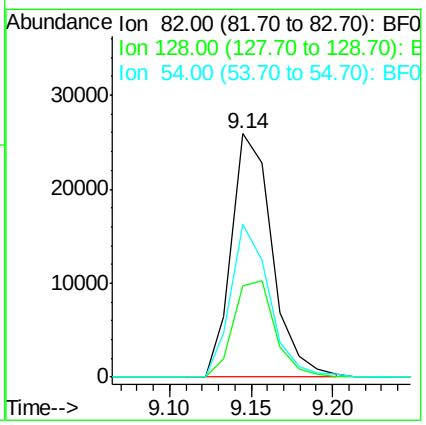


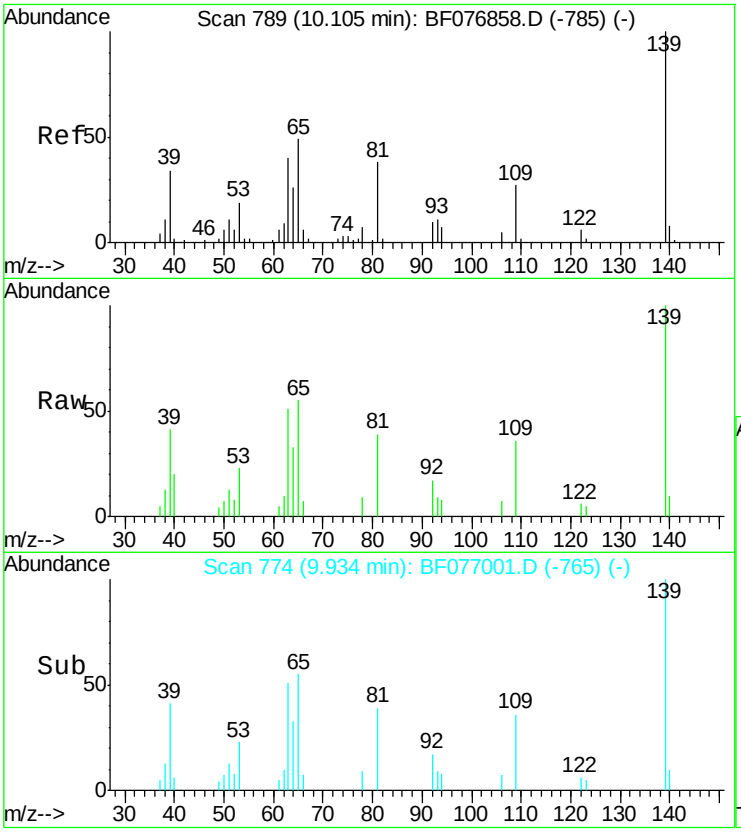


#23
Nitrobenzene-d5
Concen: 16.80 ng
RT: 9.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion: 82 Resp: 44914

Ion	Ratio	Lower	Upper
82	100		
128	37.4	33.1	49.7
54	62.8	48.3	72.5



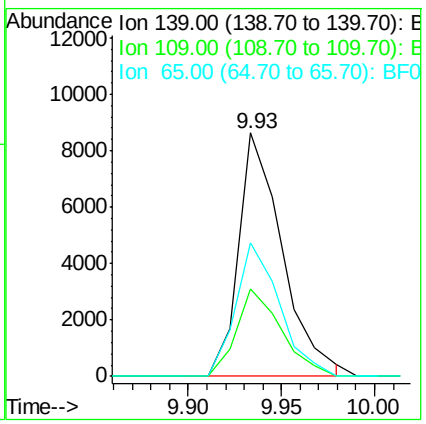


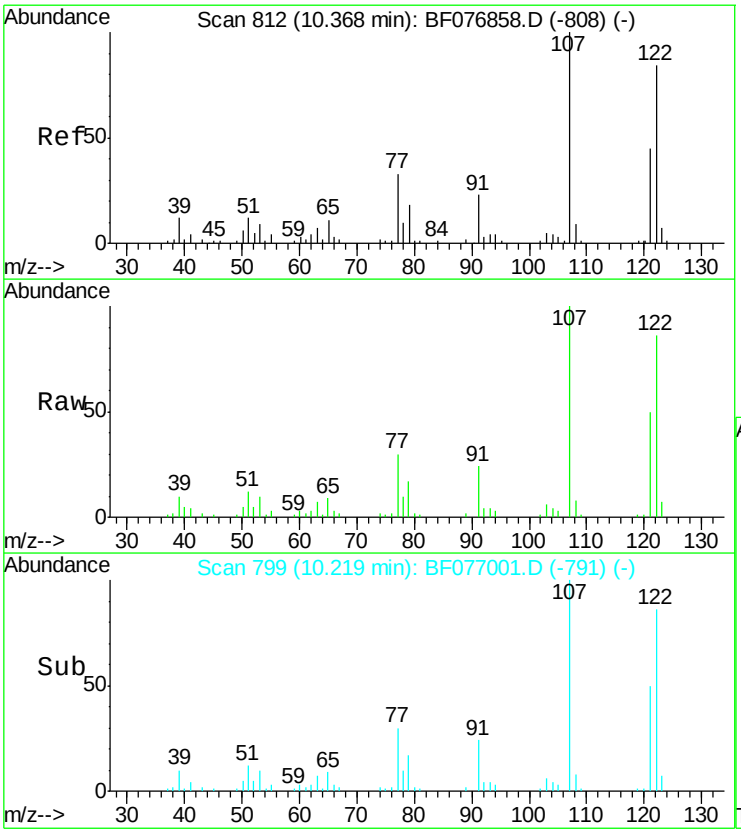
#26
2-Nitrophenol
Concen: 11.48 ng
RT: 9.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 14064

Ion	Ratio	Lower	Upper
139	100		
109	35.9	21.3	31.9#
65	54.6	39.4	59.0

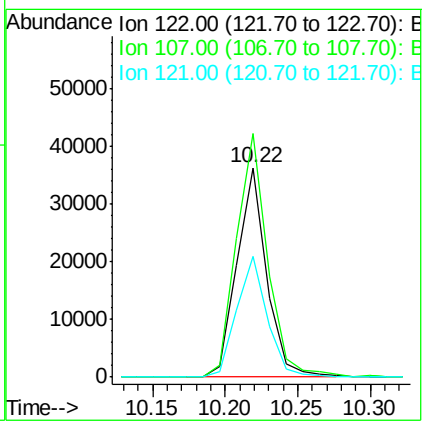


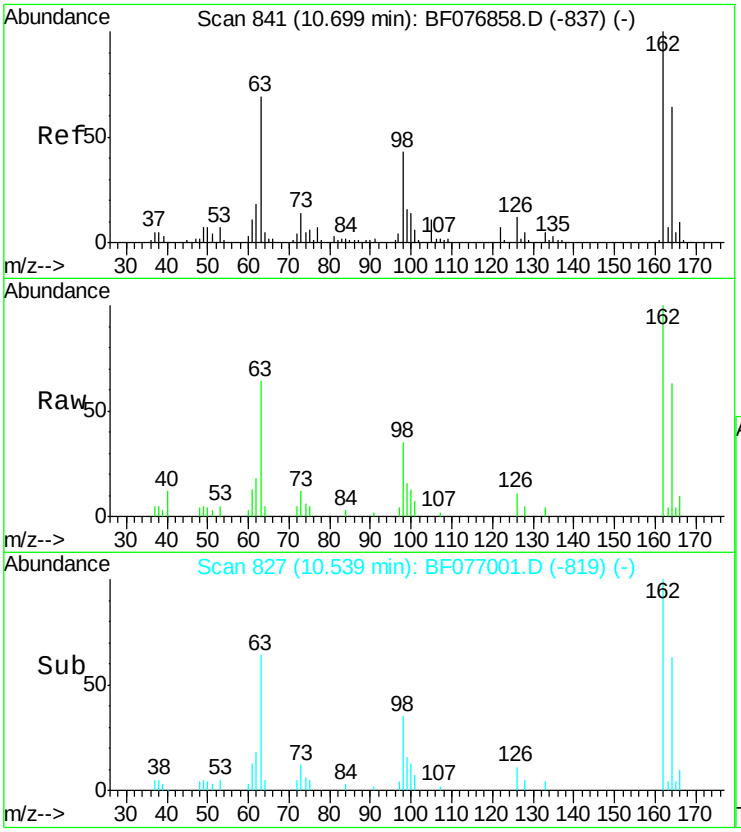


#27
2,4-Dimethylphenol
Concen: 24.49 ng
RT: 10.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion:122 Resp: 51597

Ion	Ratio	Lower	Upper
122	100		
107	116.2	95.2	142.8
121	57.9	42.9	64.3



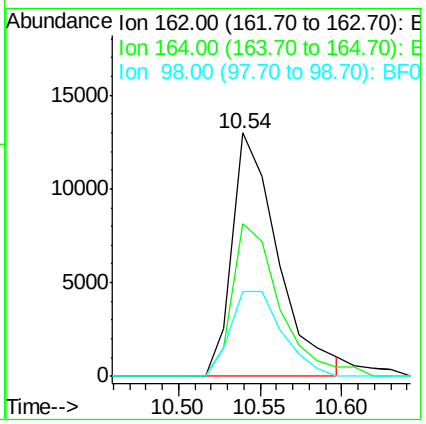


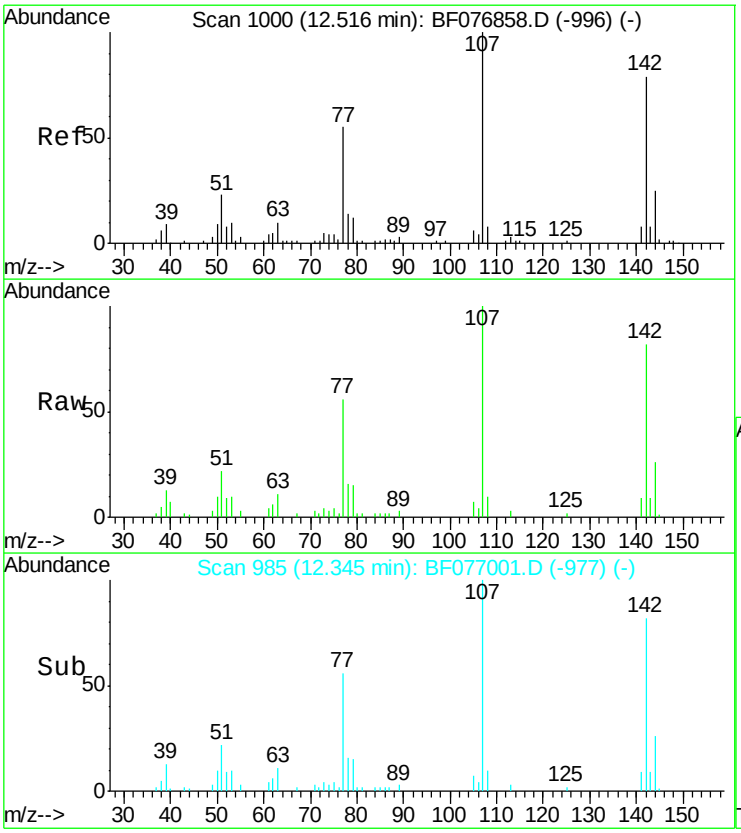
#29
2,4-Dichlorophenol
Concen: 12.89 ng
RT: 10.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 25310

Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.8	83.8
98	35.0	22.5	62.5

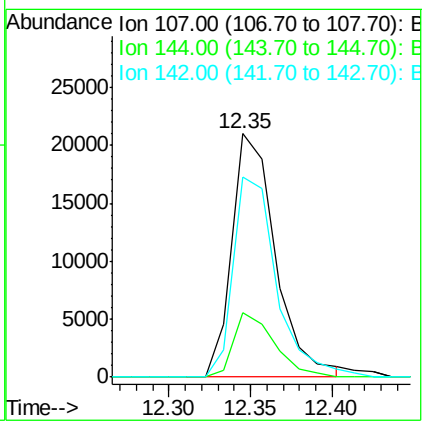


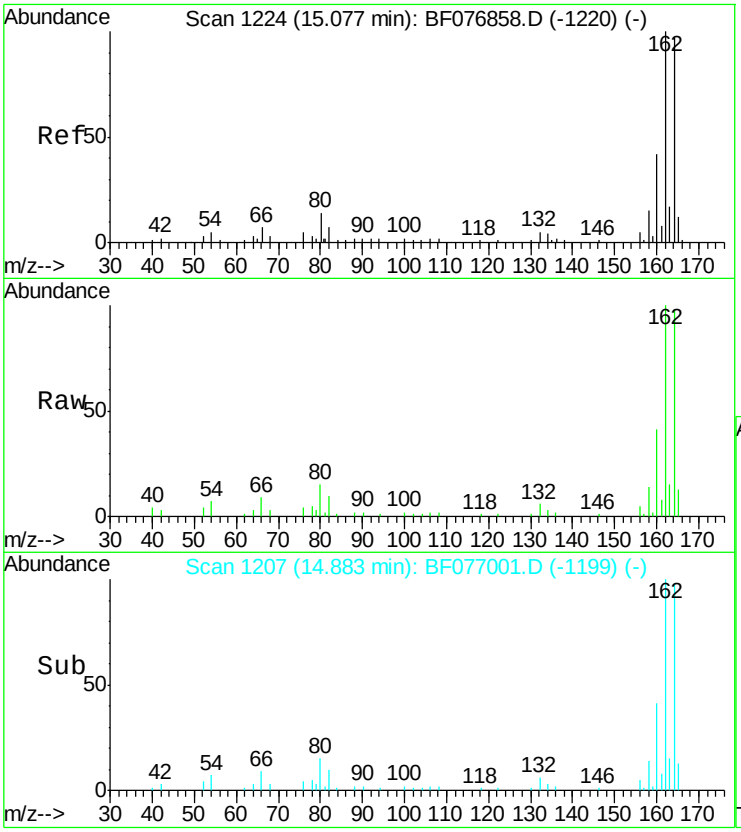


#36
4-Chloro-3-methylphenol
Concen: 17.26 ng
RT: 12.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion:107 Resp: 38790

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.0	30.0
142	82.0	63.5	95.3



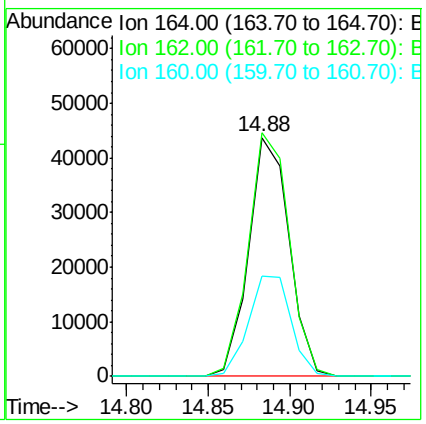


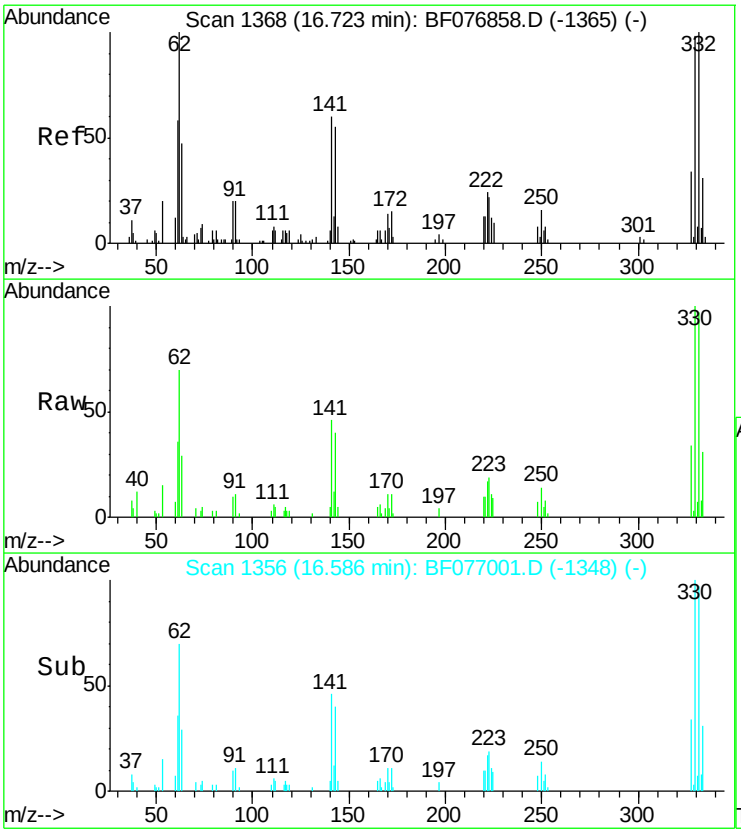
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 75410

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	42.1	34.8	52.2

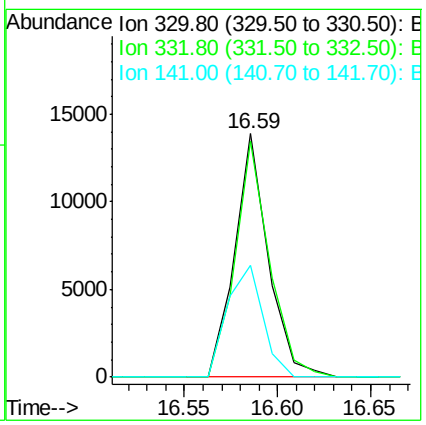


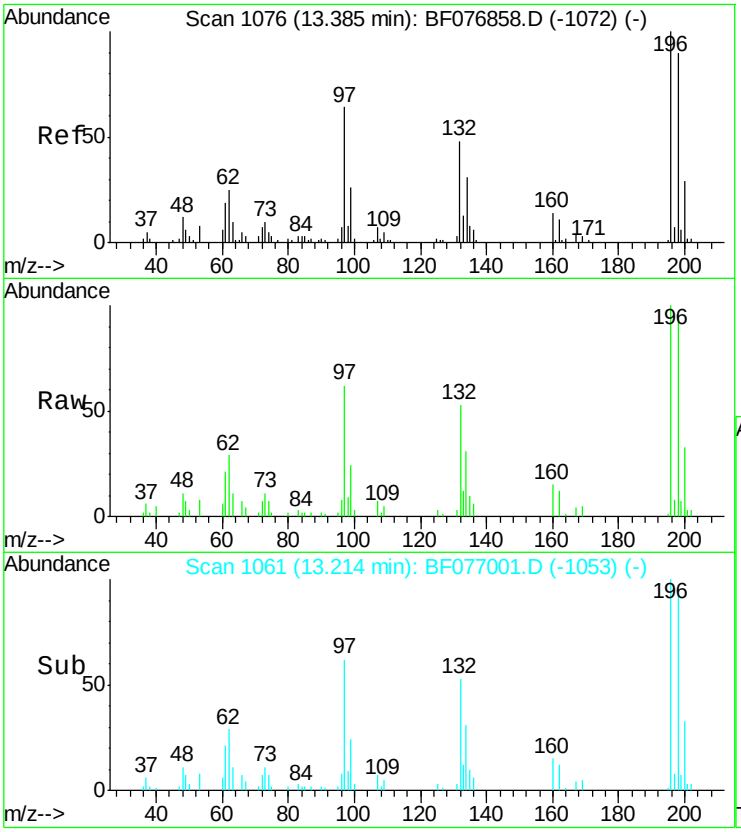


#41
2,4,6-Tribromophenol
Concen: 28.45 ng
RT: 16.59 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion:330 Resp: 17415

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.8	116.6
141	48.7	38.5	57.7



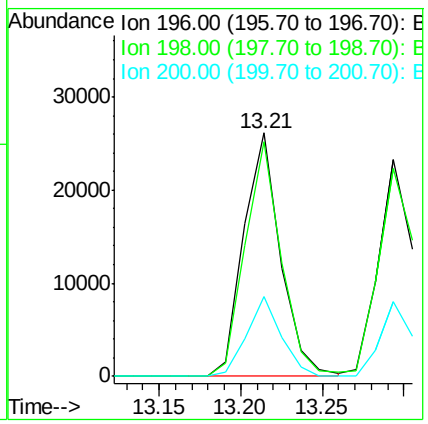


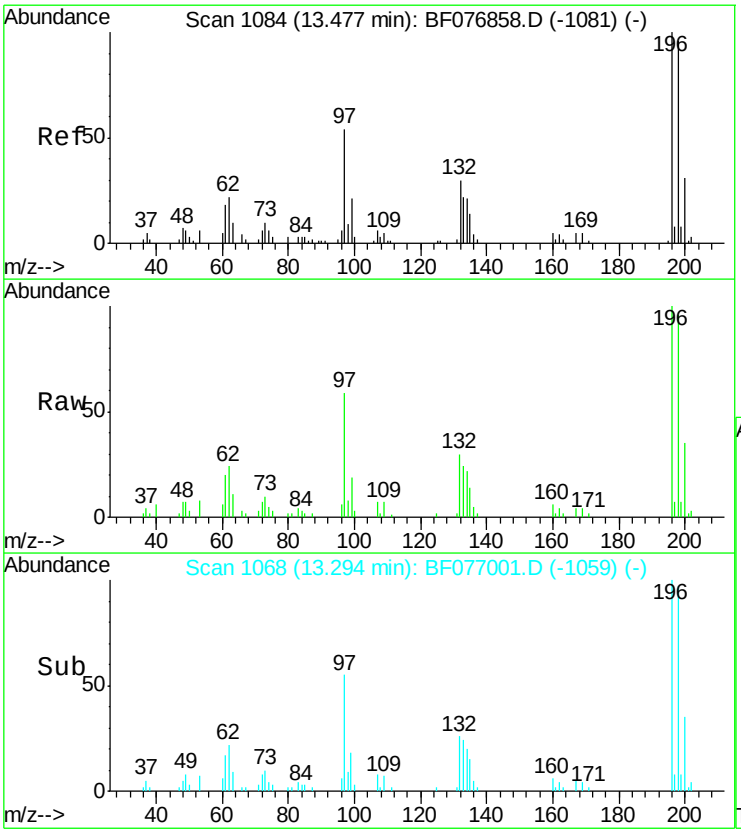
#42
2,4,6-Trichlorophenol
Concen: 30.07 ng
RT: 13.21 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 40851

Ion	Ratio	Lower	Upper
196	100		
198	96.2	72.0	108.0
200	32.9	23.4	35.2

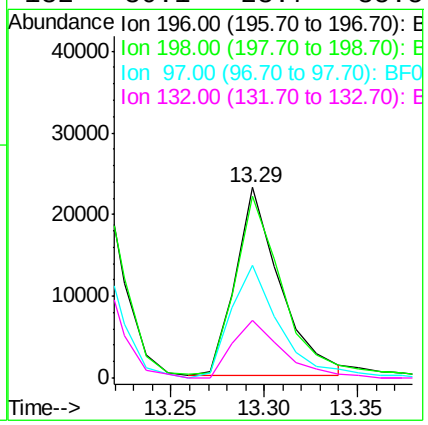


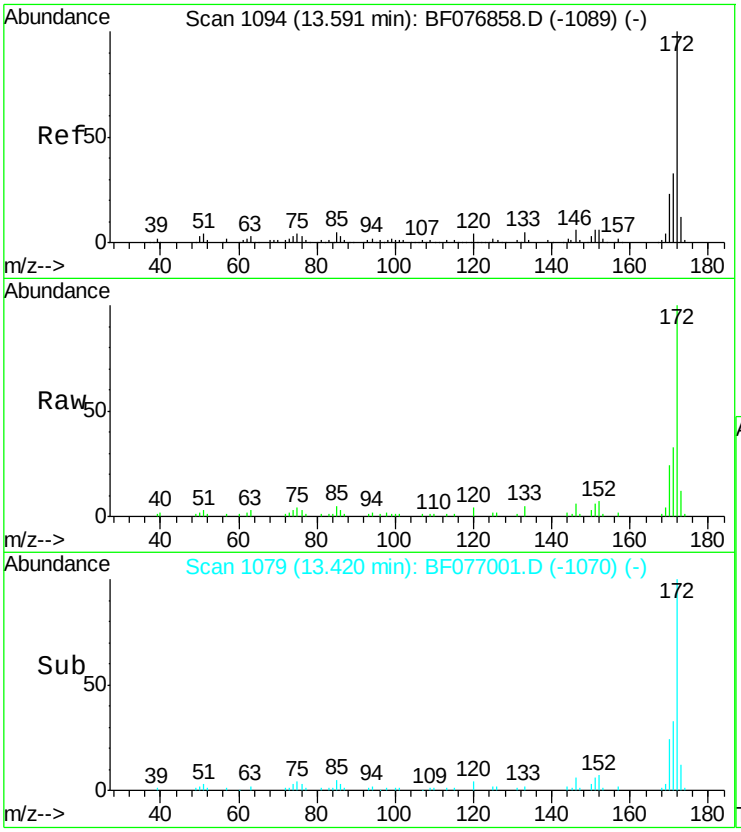


#43
2,4,5-Trichlorophenol
Concen: 27.55 ng
RT: 13.29 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion:196 Resp: 38173

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	115.0
97	59.0	43.4	65.0
132	30.1	23.7	35.5



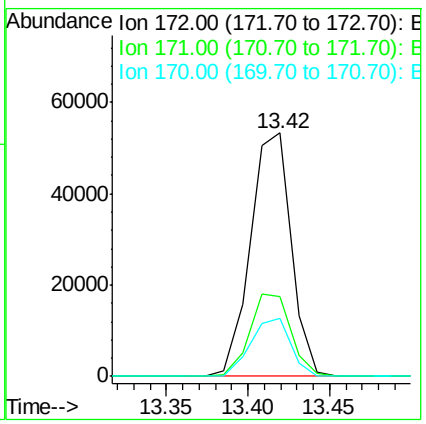


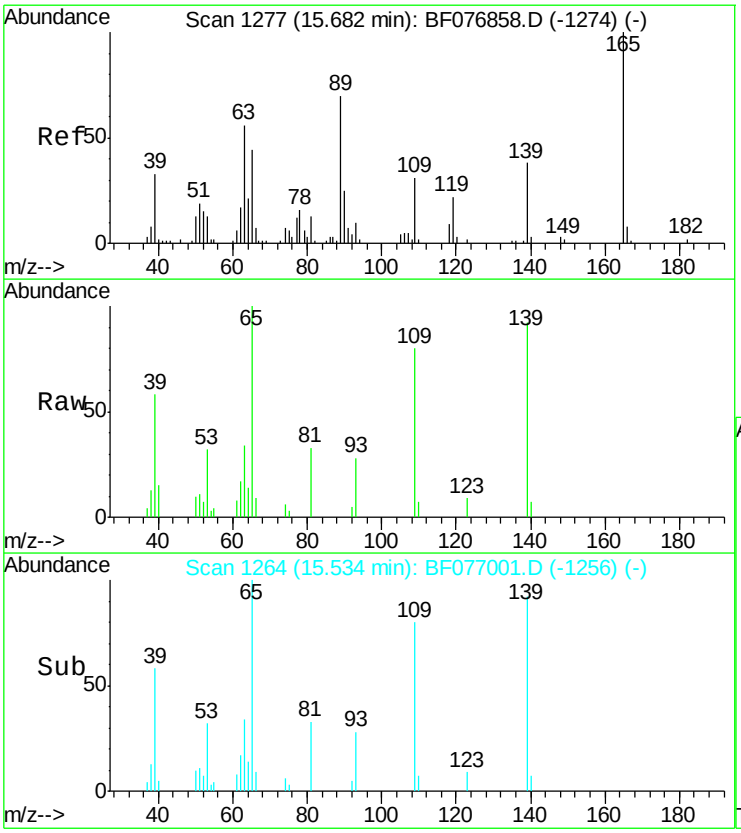
#44
2-Fluorobiphenyl
Concen: 18.71 ng
RT: 13.42 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 92726

Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.6	40.0
170	23.8	18.0	27.0

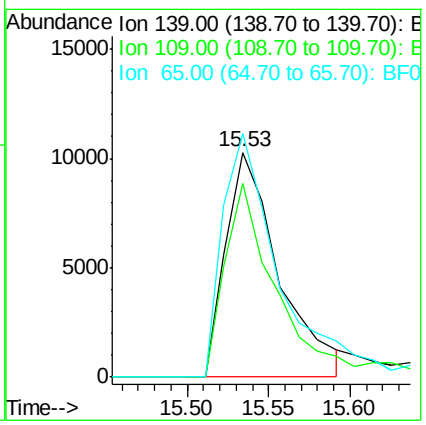


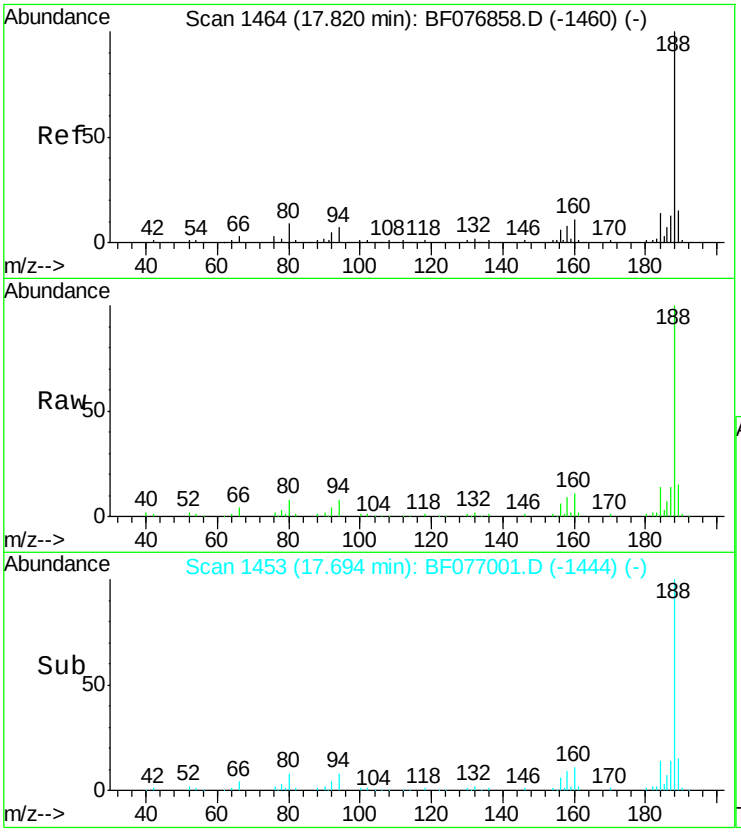


#55
4-Nitrophenol
Concen: 27.65 ng
RT: 15.53 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion:139 Resp: 23178

Ion	Ratio	Lower	Upper
139	100		
109	86.3	61.0	101.0
65	108.5	96.6	136.6



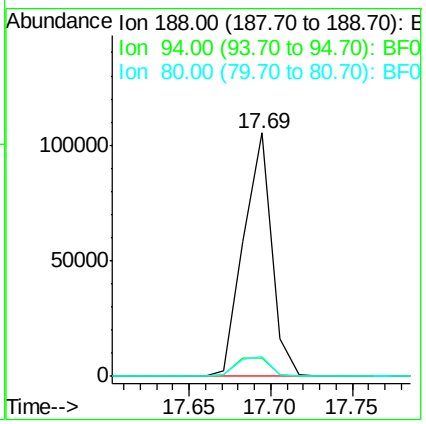


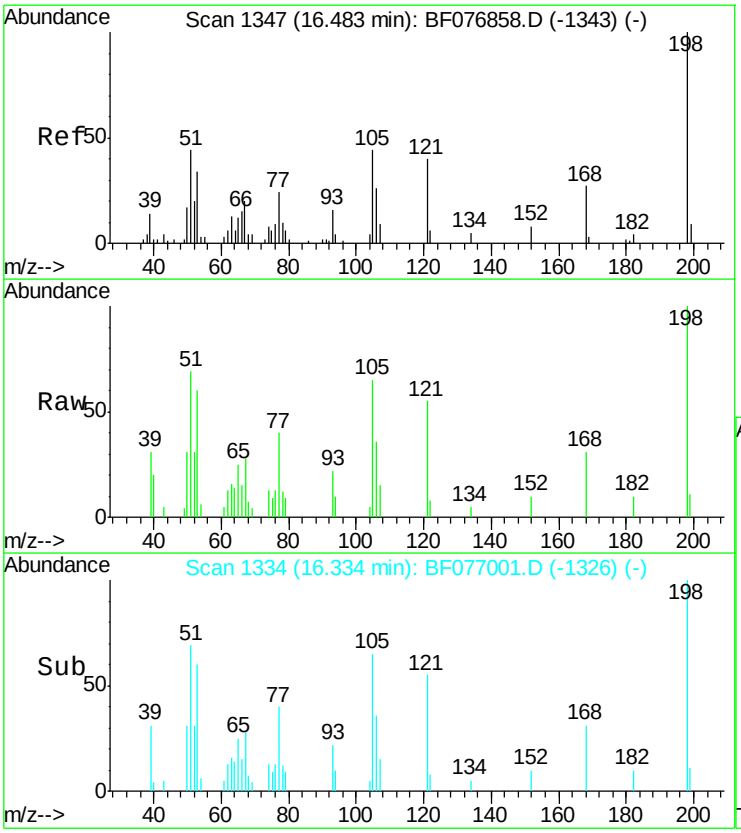
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 125620

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.0	9.0
80	7.9	6.9	10.3

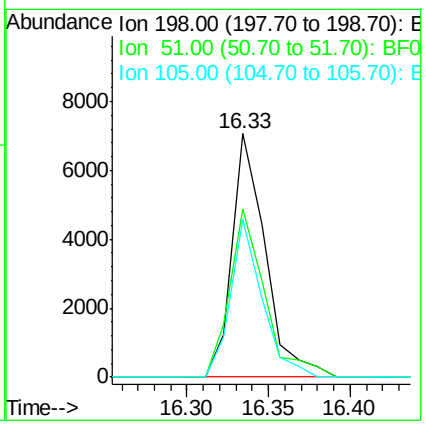


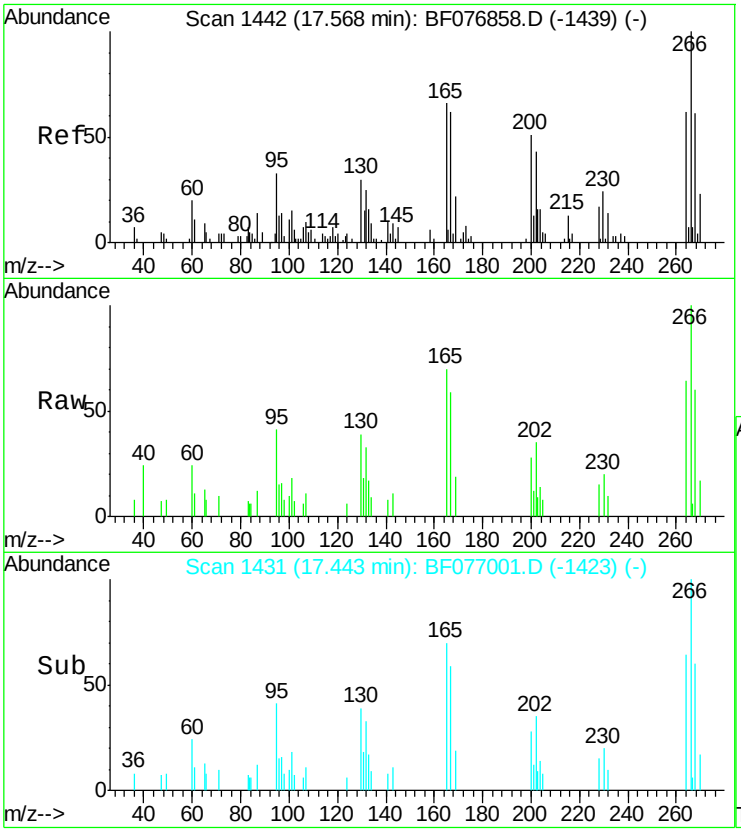


#64
4,6-Dinitro-2-methylphenol
Concen: 14.78 ng
RT: 16.33 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion:198 Resp: 9945

Ion	Ratio	Lower	Upper
198	100		
51	69.1	24.2	64.2#
105	65.1	24.0	64.0#



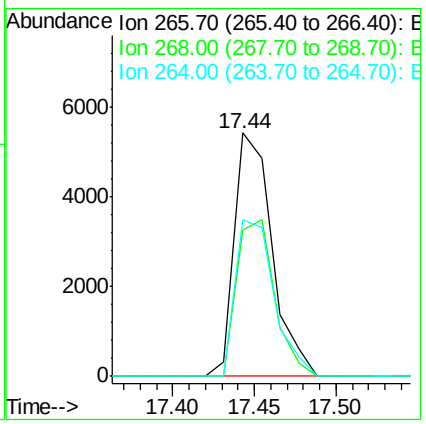


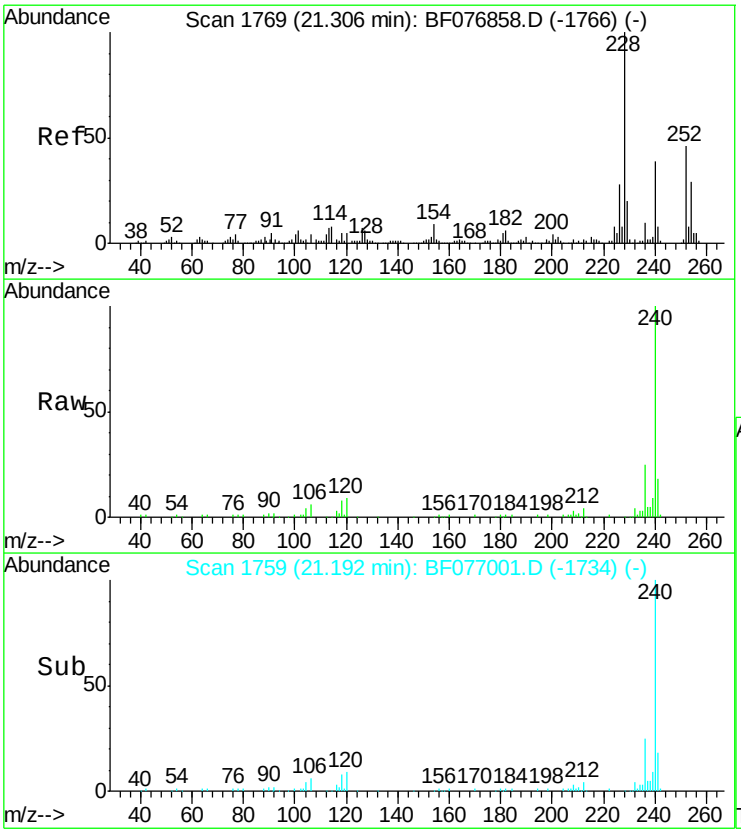
#69
Pentachlorophenol
Concen: 19.75 ng
RT: 17.44 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 8641

Ion	Ratio	Lower	Upper
266	100		
268	60.1	48.6	72.8
264	64.5	49.5	74.3

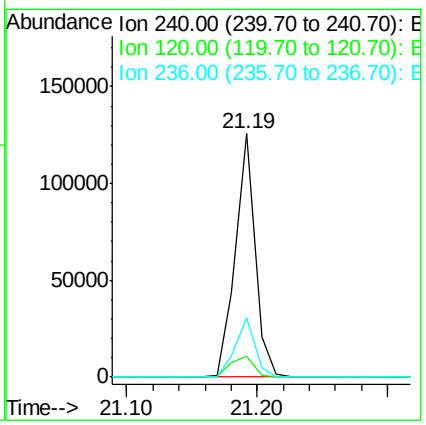


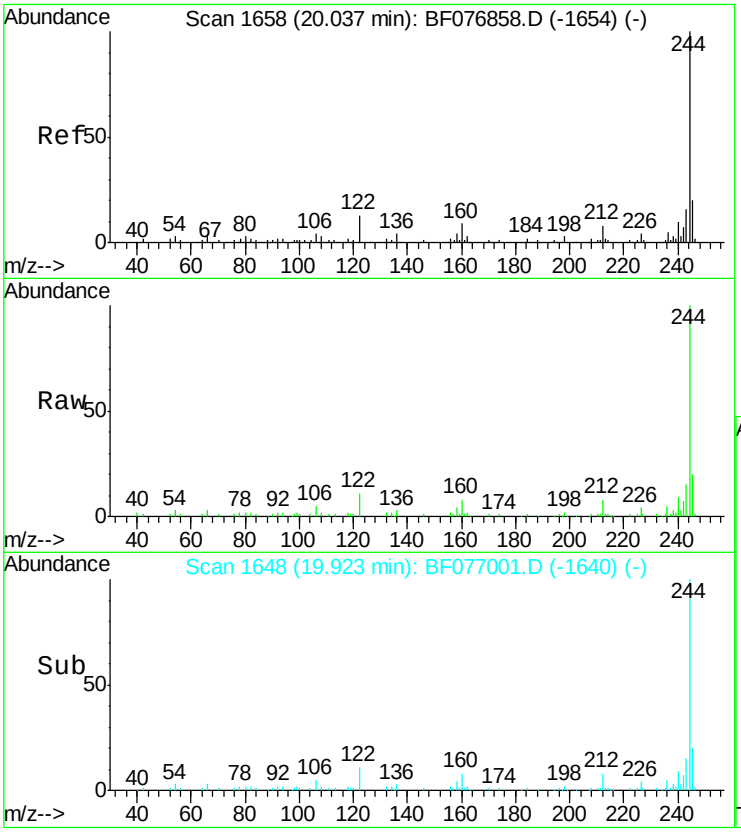


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion:240 Resp: 132168

Ion	Ratio	Lower	Upper
240	100		
120	8.5	10.4	15.6#
236	24.6	20.2	30.2



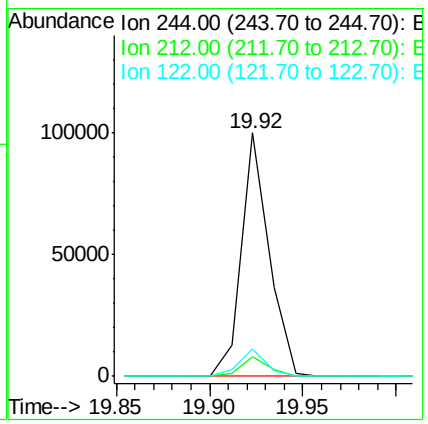


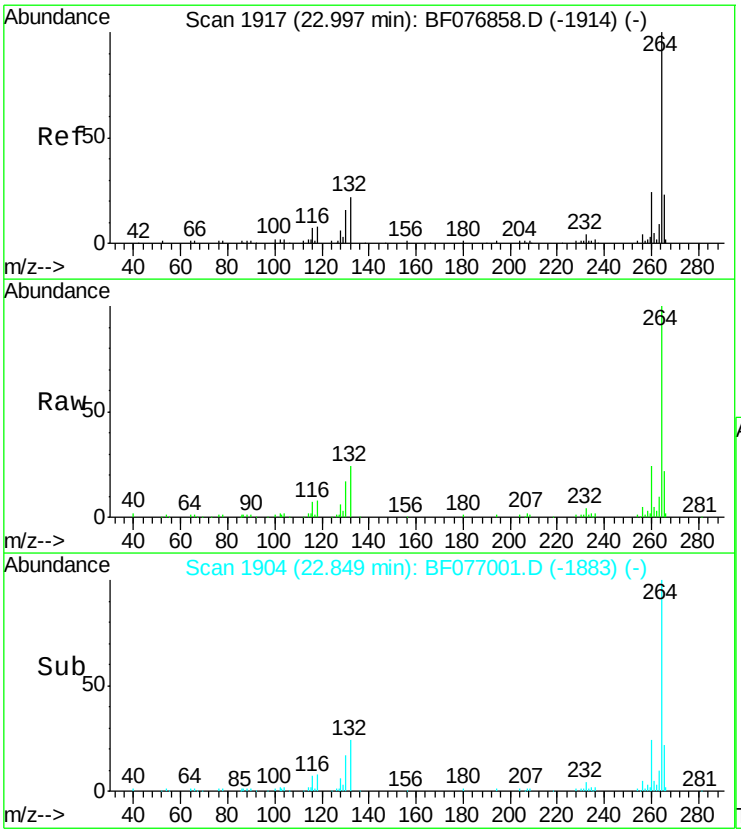
#78
Terphenyl-d14
Concen: 17.94 ng
RT: 19.92 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 102981

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	11.3	10.1	15.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.85 min Scan# 1904
Delta R.T. -0.06 min
Lab File: BF077001.D
Acq: 21 Jan 2015 18:07

Tgt Ion:264 Resp: 115124

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.7	18.1	27.1