Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077011.D
Acq On : 22 Jan 2015 13:20
Operator : TP/IZ
Sample : G1100-12
Misc : W/ACID
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8035

Quant Time: Jan 23 00:06:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 21 14:45:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	26150	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	110693	20.00	ng		-0.01
38) Acenaphthene-d10	14.88	164	60938	20.00	ng		-0.01
63) Phenanthrene-d10	17.69	188	103651	20.00	ng		0.00
75) Chrysene-d12	21.19	240	95137	20.00	ng		-0.01
86) Perylene-d12	22.91	264	85946	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.89	112	244127	153.49	ng		-0.01
7) Phenol-d6	7.26	99	318069	158.53	ng		-0.01
23) Nitrobenzene-d5	9.16	82	196661	98.43	ng		-0.01
41) 2,4,6-Tribromophenol	16.59	330	79214	160.14	ng		-0.01
44) 2-Fluorobiphenyl	13.42	172	404011	100.89	ng		0.00
78) Terphenyl-d14	19.92	244	434639	105.18	ng		-0.01
Target Compounds							Qvalue
8) 2-Chlorophenol	7.38	128	264108	144.04	ng		99
10) Phenol	7.29	94	236079	110.81	ng		95
17) 2-Methylphenol	8.63	107	132094	88.16	ng		94
20) 3+4-Methylphenols	9.03	107	368738	185.85	ng		94
26) 2-Nitrophenol	9.93	139	66972	63.66	ng	#	85
27) 2,4-Dimethylphenol	10.22	122	226268	143.76	ng		96
29) 2,4-Dichlorophenol	10.53	162	116392	79.34	ng		96
36) 4-Chloro-3-methylphenol	12.35	107	177846	105.88	ng		99
42) 2,4,6-Trichlorophenol	13.21	196	182882	166.60	ng		96
43) 2,4,5-Trichlorophenol	13.28	196	183675	164.06	ng		94
55) 4-Nitrophenol	15.53	139	129384	191.00	ng		96
64) 4,6-Dinitro-2-methylphenol	16.35	198	72618	104.82	ng		93
69) Pentachlorophenol	17.44	266	56154	107.98	ng		98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077011.D
Acq On : 22 Jan 2015 13:20
Operator : TP/IZ
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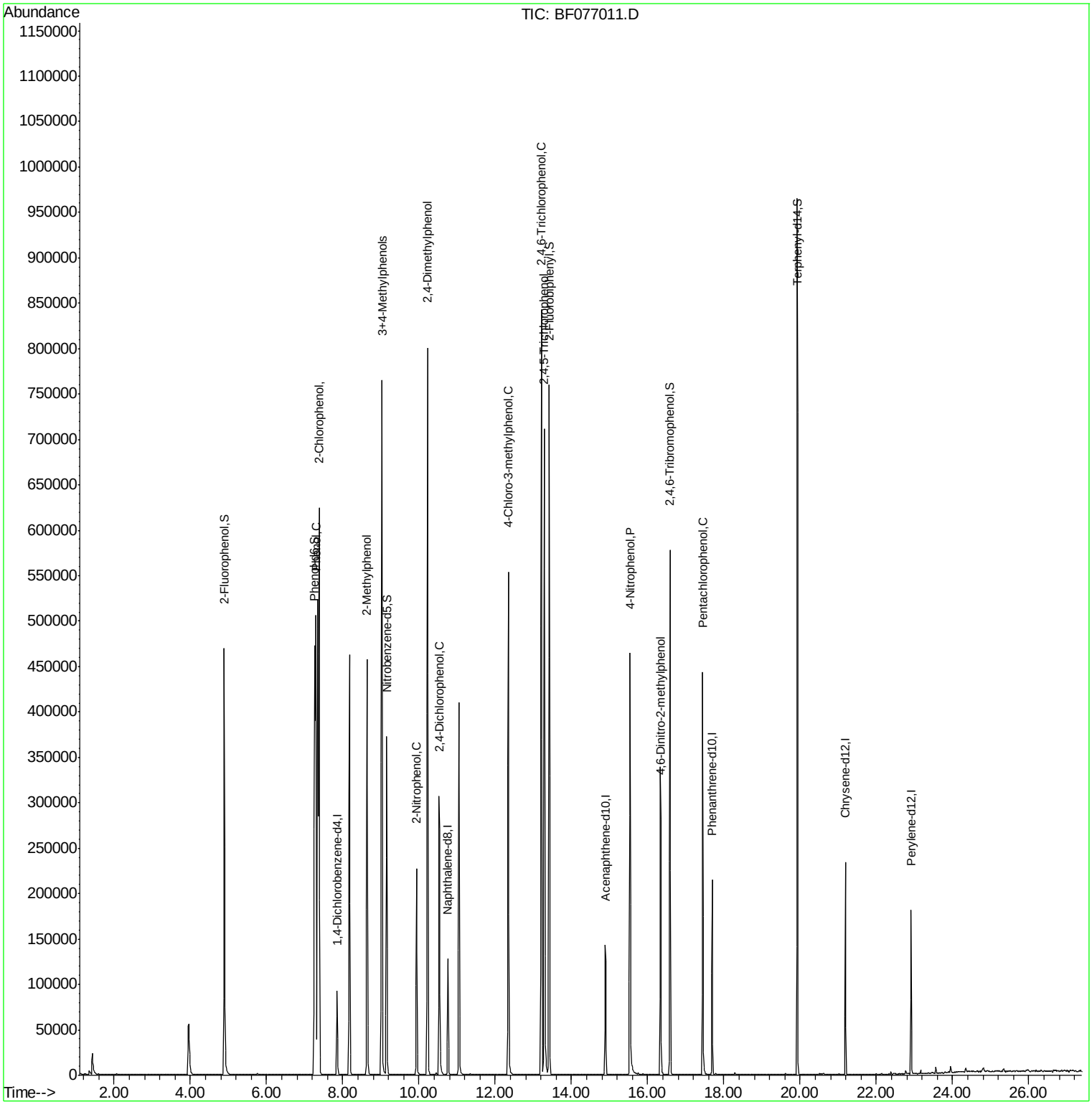
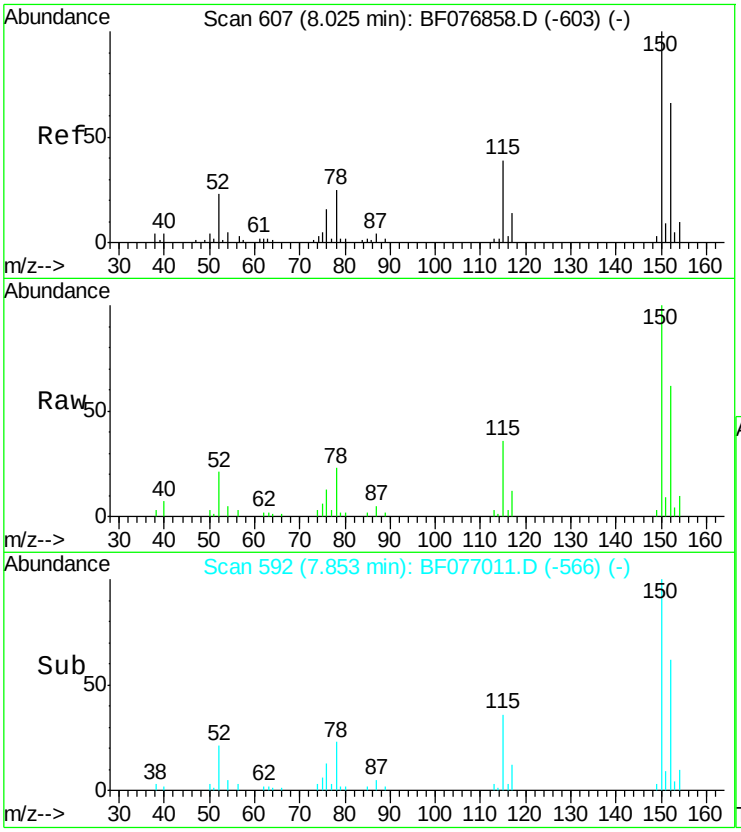
Misc : W/ACID
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8035

Quant Time: Jan 23 00:06:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 21 14:45:53 2015
Response via : Initial Calibration



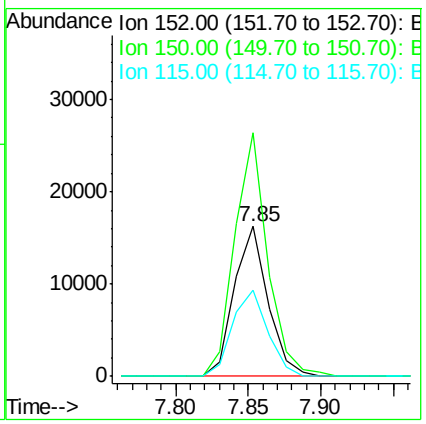


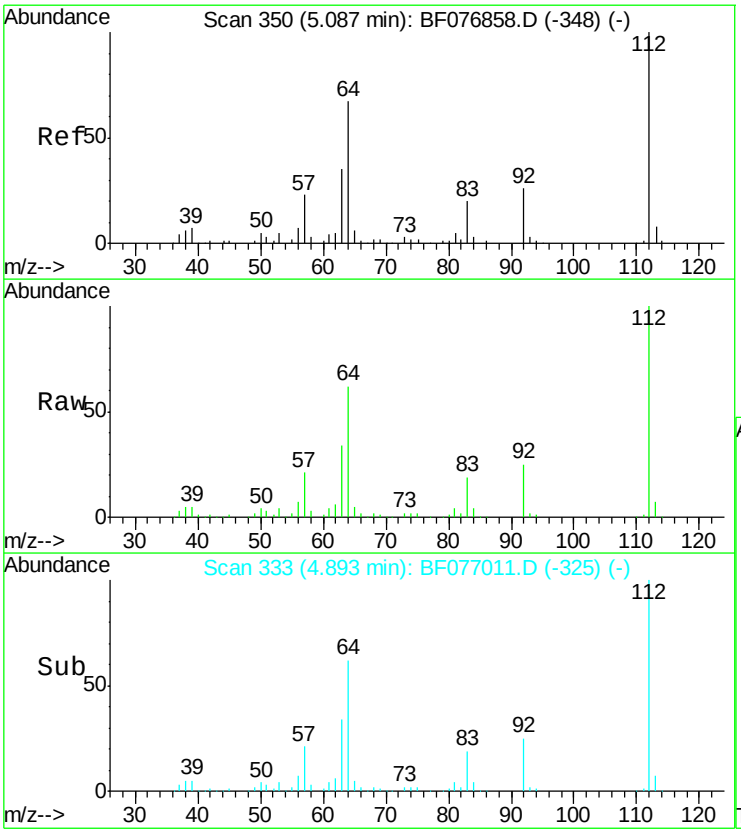
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion:152 Resp: 26150

Ion	Ratio	Lower	Upper
152	100		
150	162.3	121.7	182.5
115	57.9	47.0	70.6

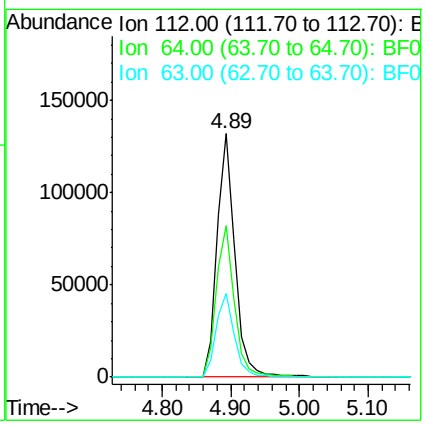


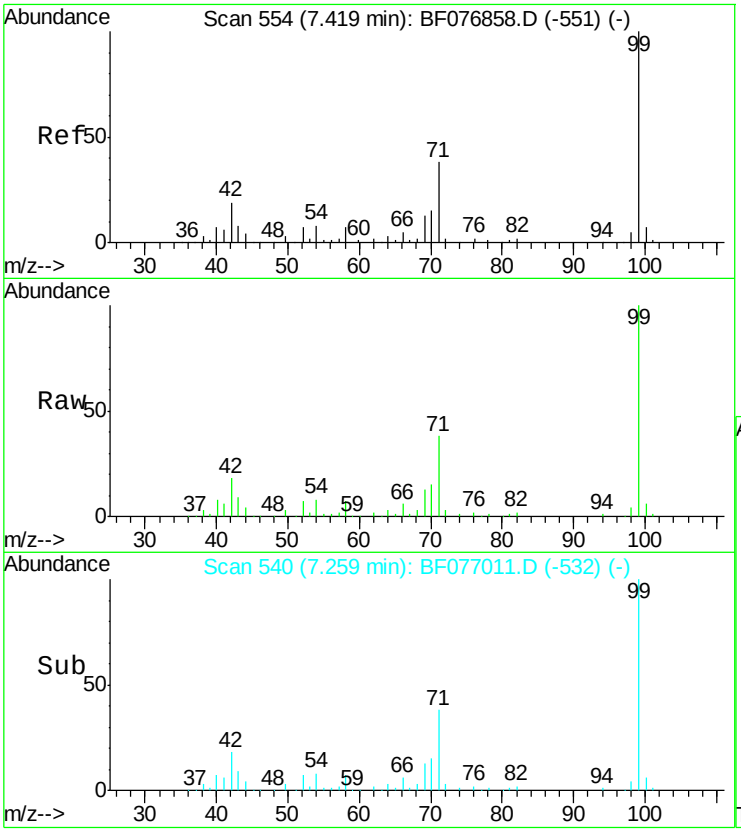


#5
2-Fluorophenol
Concen: 153.49 ng
RT: 4.89 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:112 Resp: 244127

Ion	Ratio	Lower	Upper
112	100		
64	62.0	54.2	81.4
63	34.3	28.4	42.6



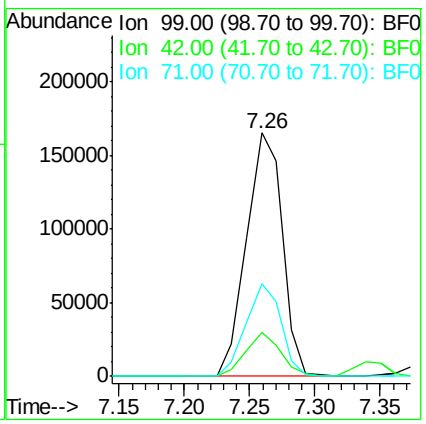


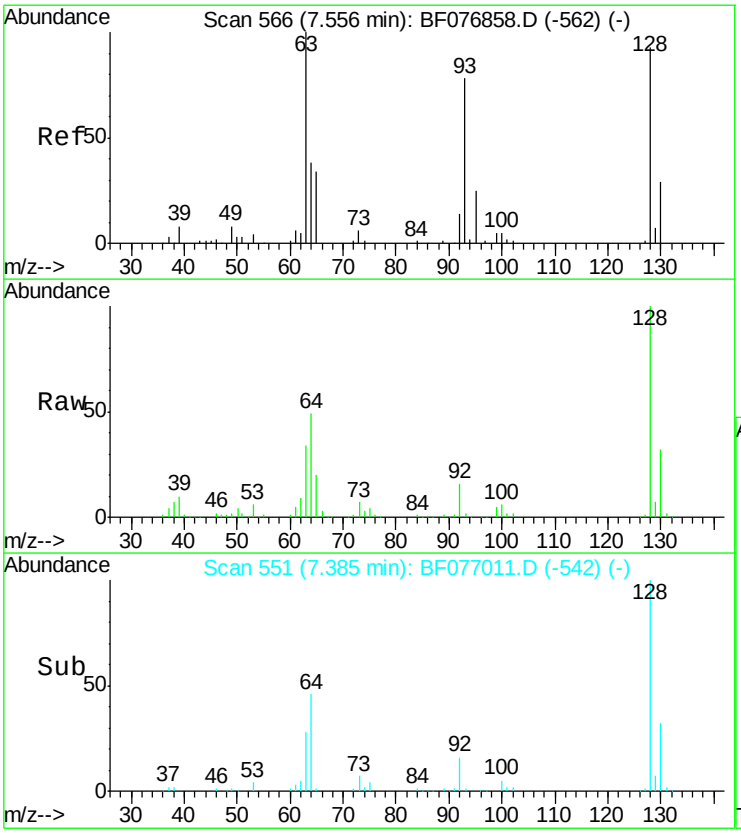
#7
Phenol-d6
Concen: 158.53 ng
RT: 7.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion: 99 Resp: 318069

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	38.0	30.5	45.7

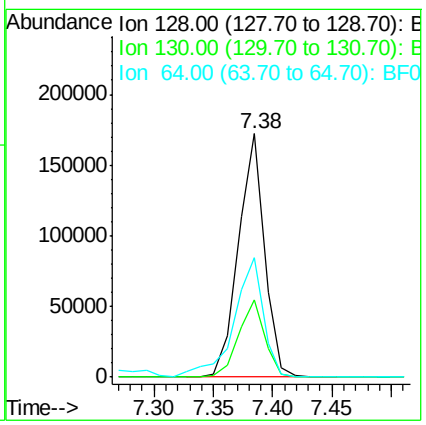


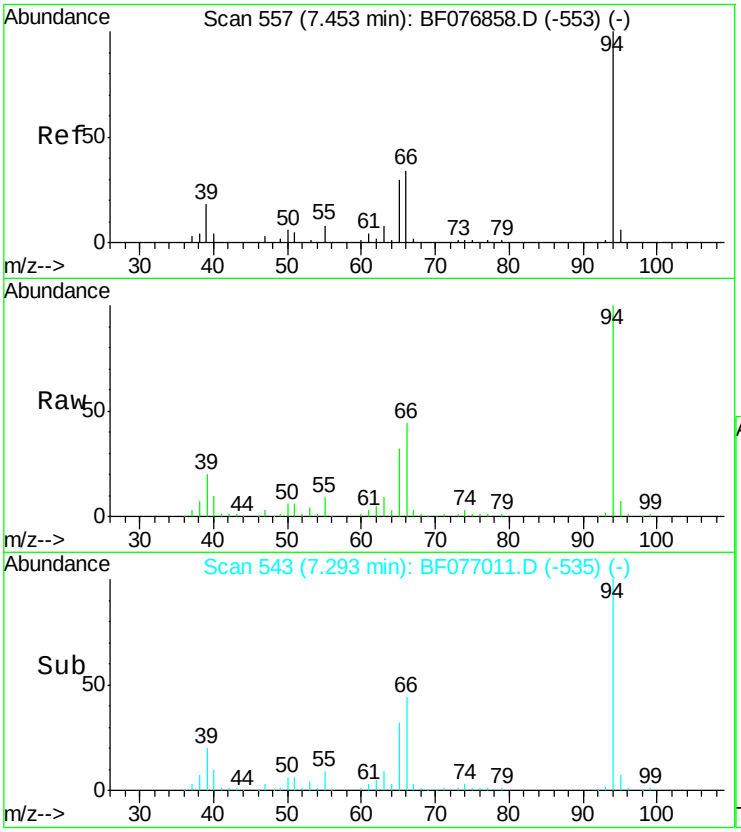


#8
2-Chlorophenol
Concen: 144.04 ng
RT: 7.38 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:128 Resp: 264108

Ion	Ratio	Lower	Upper
128	100		
130	31.5	11.0	51.0
64	48.8	29.3	69.3



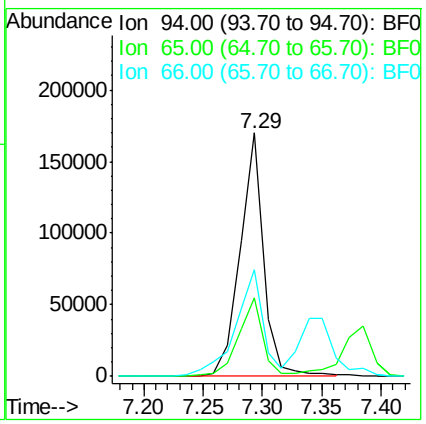


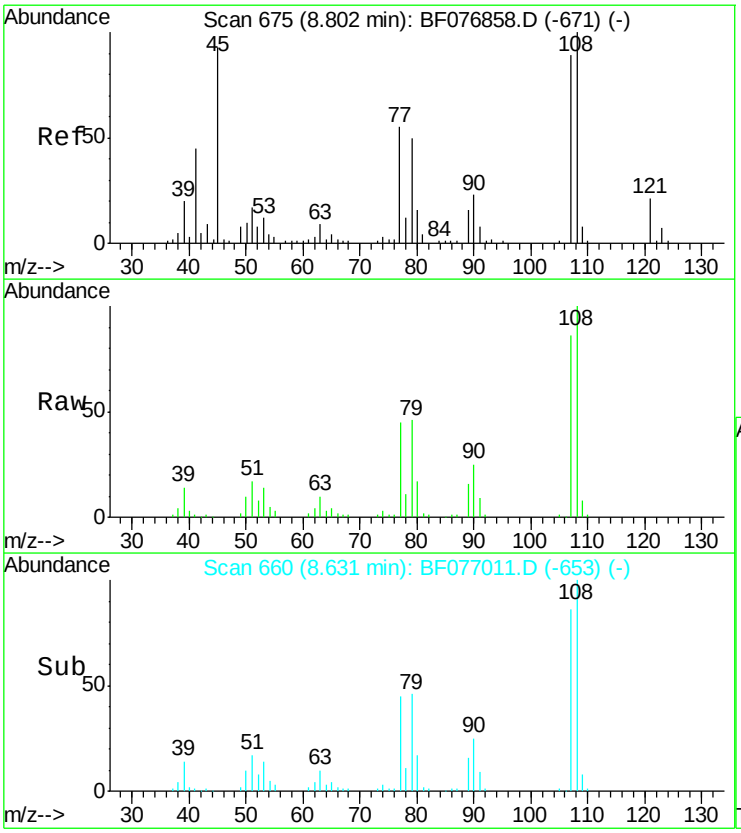
#10
Phenol
Concen: 110.81 ng
RT: 7.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion: 94 Resp: 236079

Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.3	51.3
66	43.9	19.5	59.5

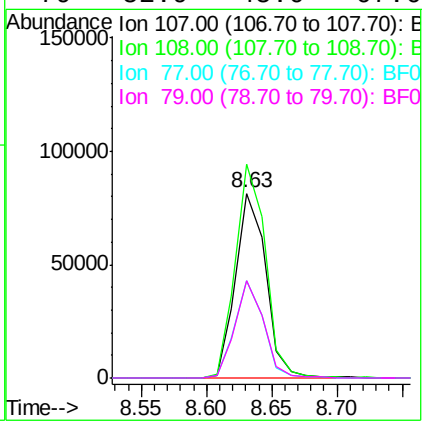


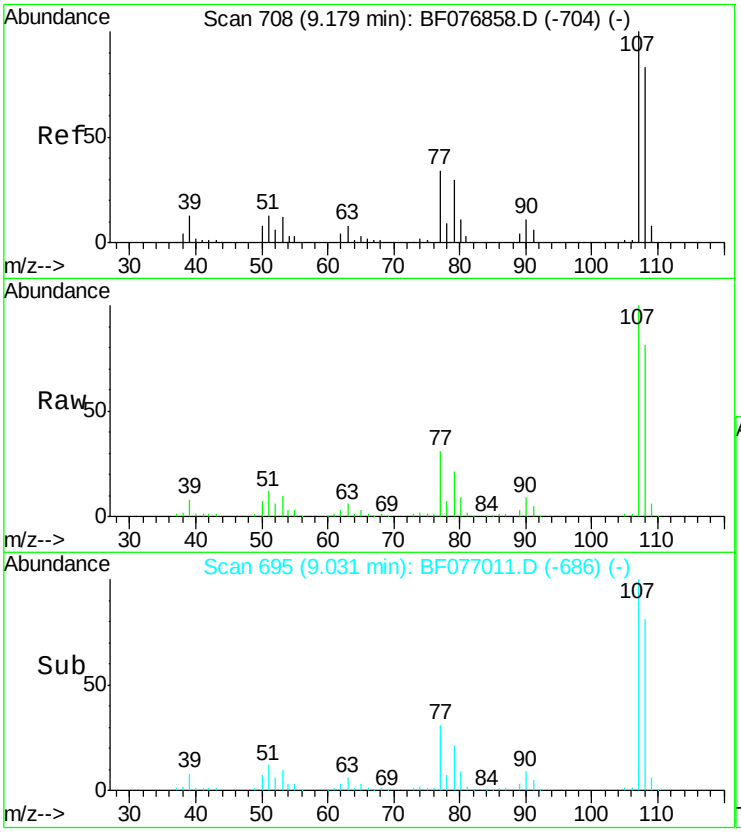


#17
2-Methylphenol
Concen: 88.16 ng
RT: 8.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:107 Resp: 132094

Ion	Ratio	Lower	Upper
107	100		
108	115.7	89.7	134.5
77	52.4	50.1	75.1
79	52.9	45.0	67.6



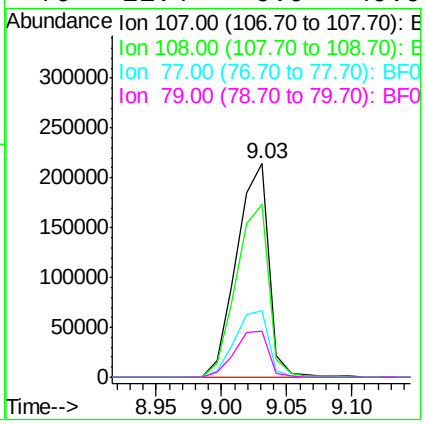


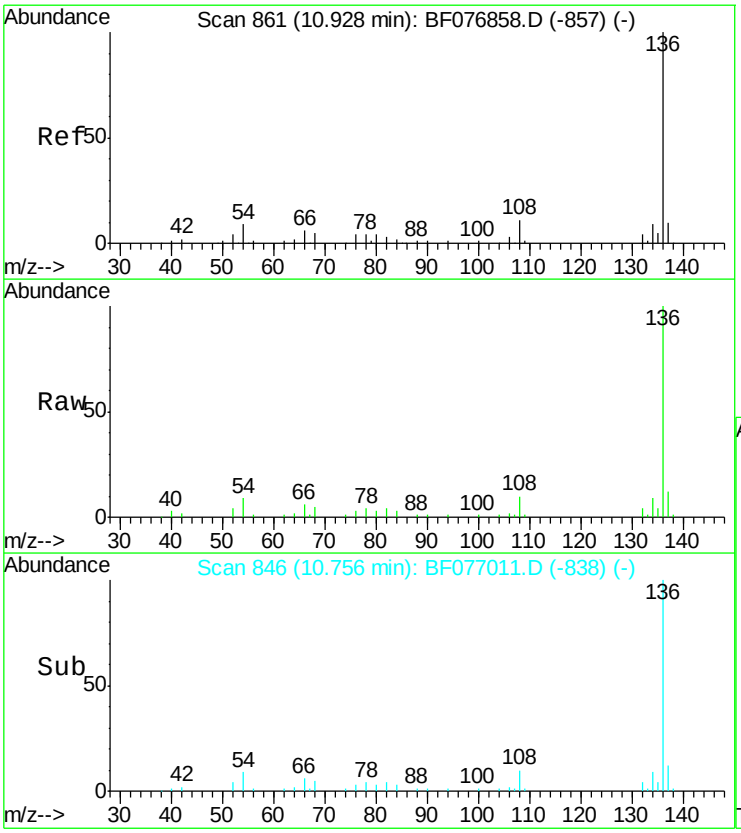
#20
3+4-Methylphenols
Concen: 185.85 ng
RT: 9.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion:107 Resp: 368738

Ion	Ratio	Lower	Upper
107	100		
108	81.0	63.5	103.5
77	31.2	14.0	54.0
79	21.4	9.9	49.9

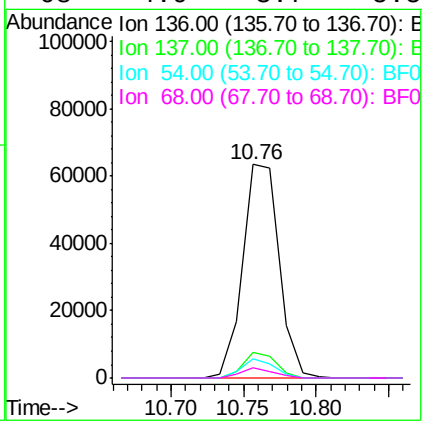


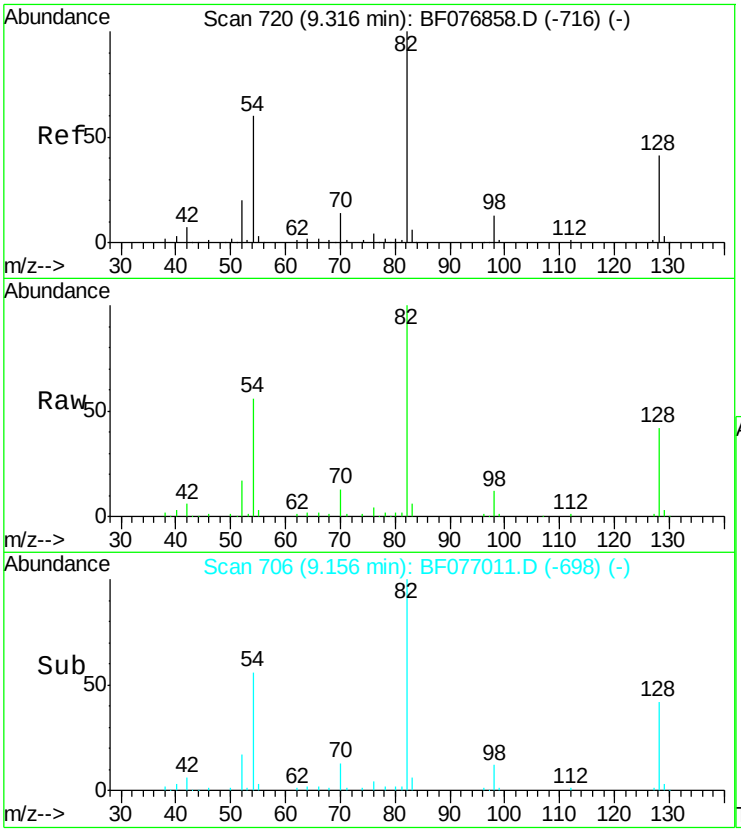


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:136 Resp: 110693

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.1	12.1
54	9.1	7.0	10.4
68	4.9	3.7	5.5



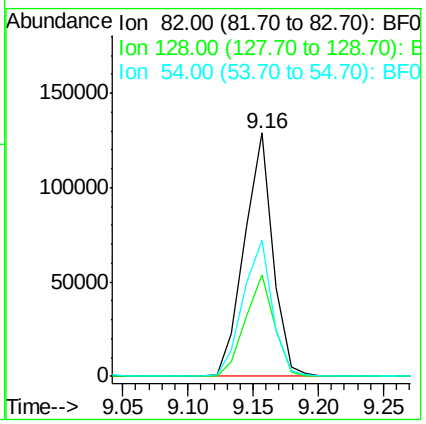


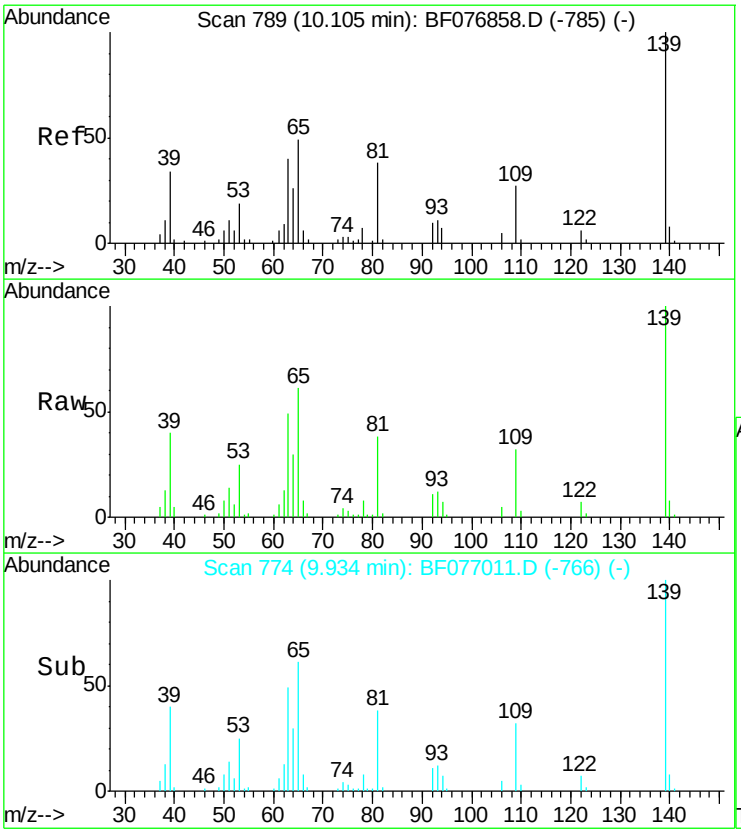
#23
Nitrobenzene-d5
Concen: 98.43 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion: 82 Resp: 196661

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.1	49.7
54	55.8	48.3	72.5

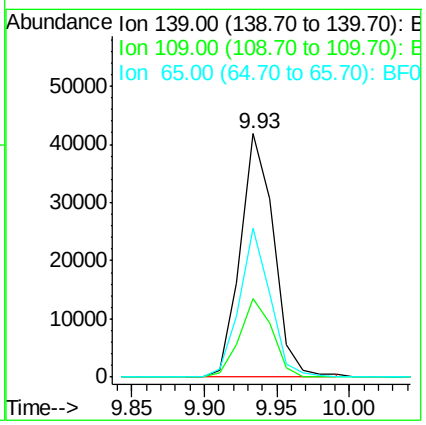


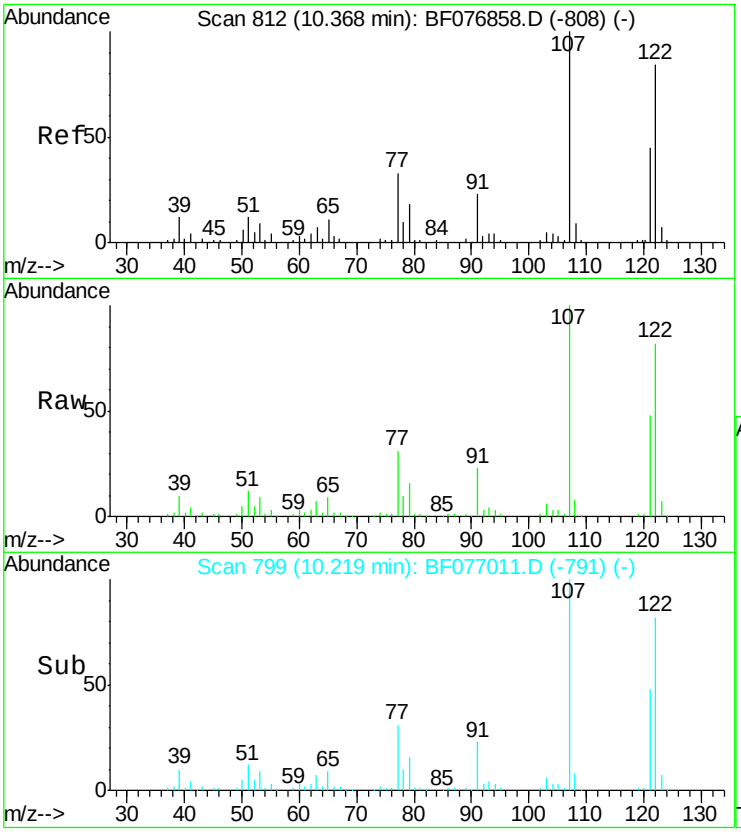


#26
2-Nitrophenol
Concen: 63.66 ng
RT: 9.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:139 Resp: 66972

Ion	Ratio	Lower	Upper
139	100		
109	32.4	21.3	31.9#
65	61.3	39.4	59.0#



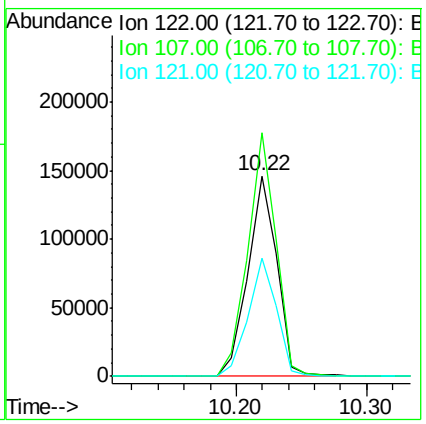


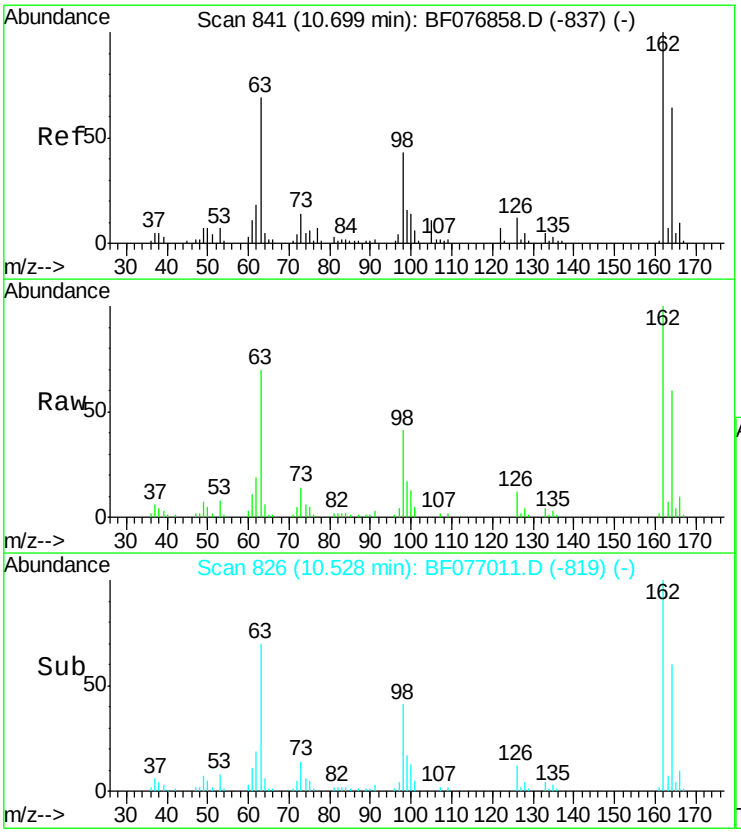
#27
2,4-Dimethylphenol
Concen: 143.76 ng
RT: 10.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion:122 Resp: 226268

Ion	Ratio	Lower	Upper
122	100		
107	121.3	95.2	142.8
121	58.8	42.9	64.3

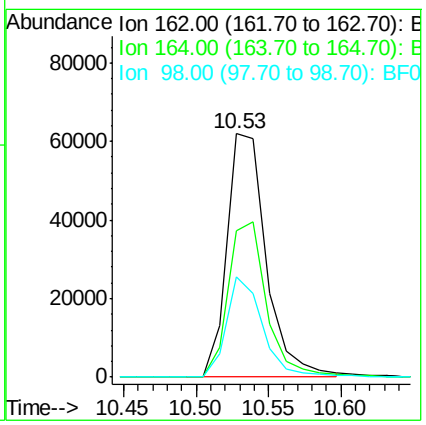


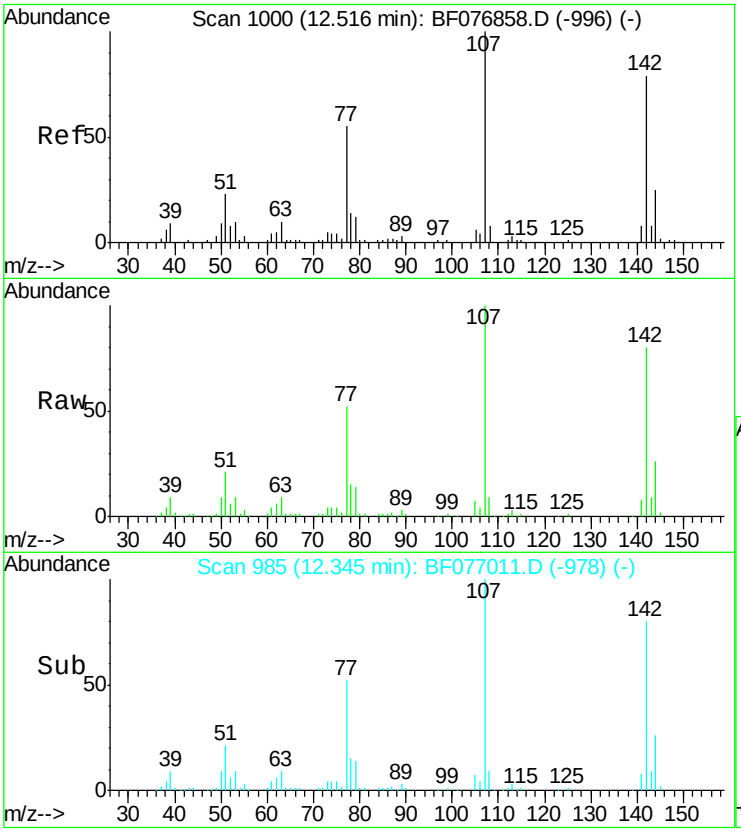


#29
2,4-Dichlorophenol
Concen: 79.34 ng
RT: 10.53 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:162 Resp: 116392

Ion	Ratio	Lower	Upper
162	100		
164	59.9	43.8	83.8
98	41.0	22.5	62.5



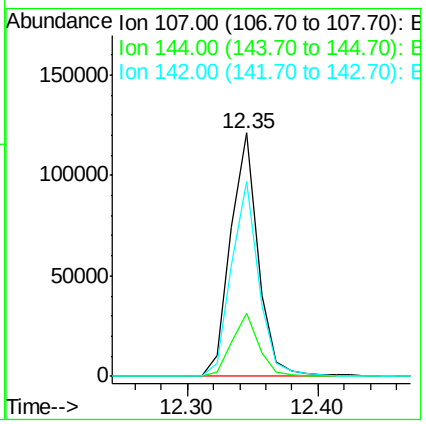


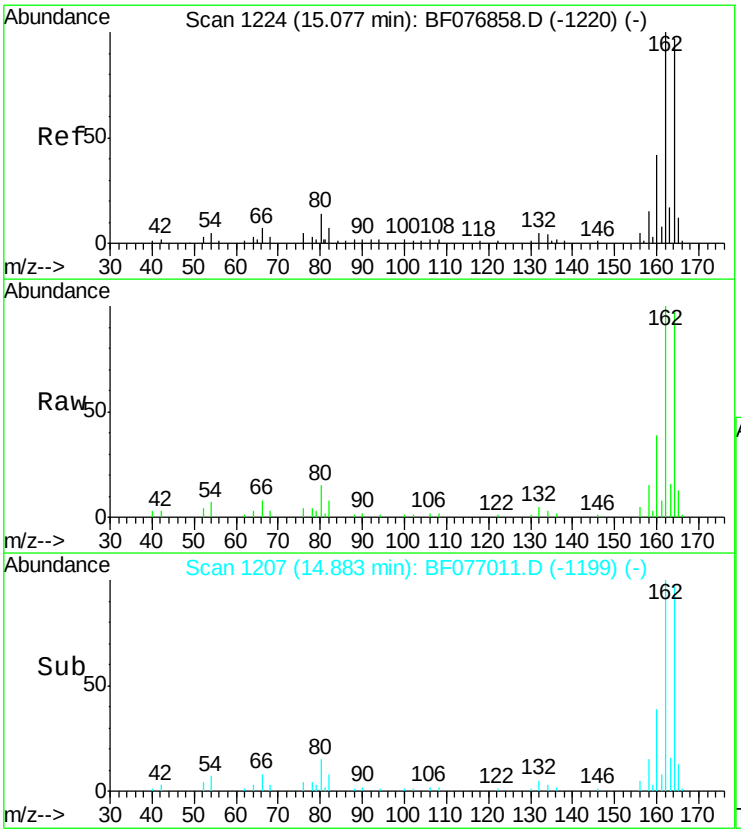
#36
4-Chloro-3-methylphenol
Concen: 105.88 ng
RT: 12.35 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion:107 Resp: 177846

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.0	30.0
142	80.1	63.5	95.3

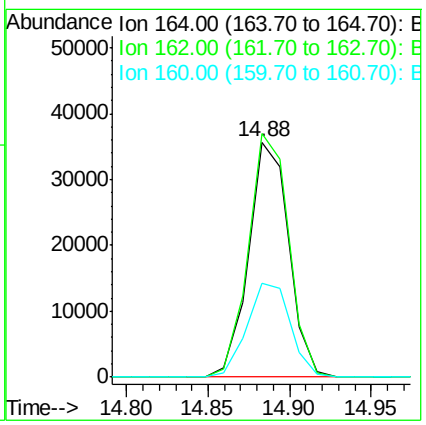


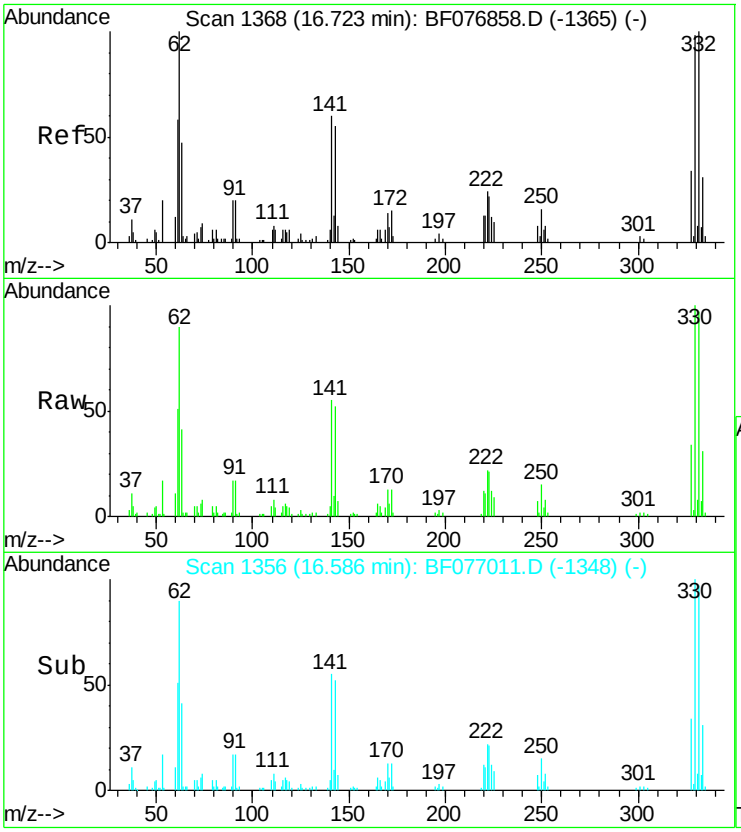


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:164 Resp: 60938

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.4	123.6
160	40.1	34.8	52.2



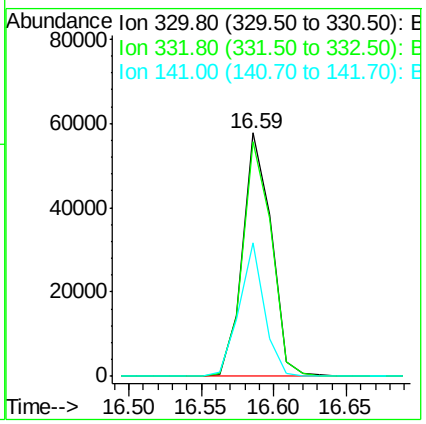


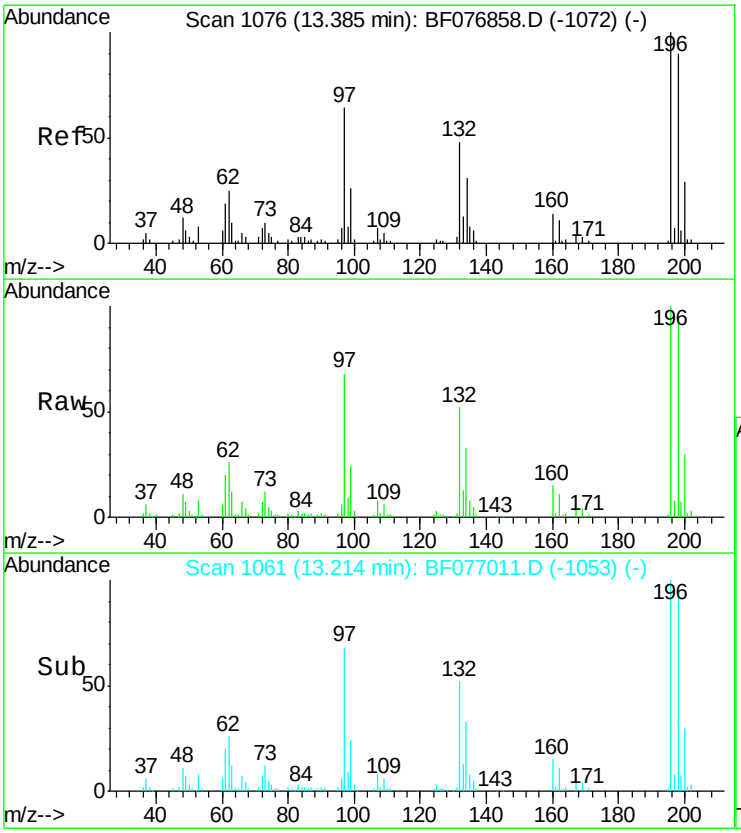
#41
2,4,6-Tribromophenol
Concen: 160.14 ng
RT: 16.59 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion:330 Resp: 79214

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.6
141	48.2	38.5	57.7

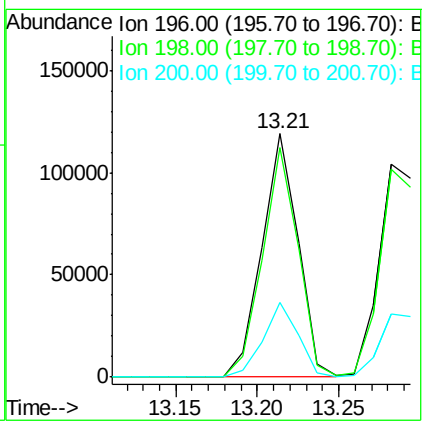


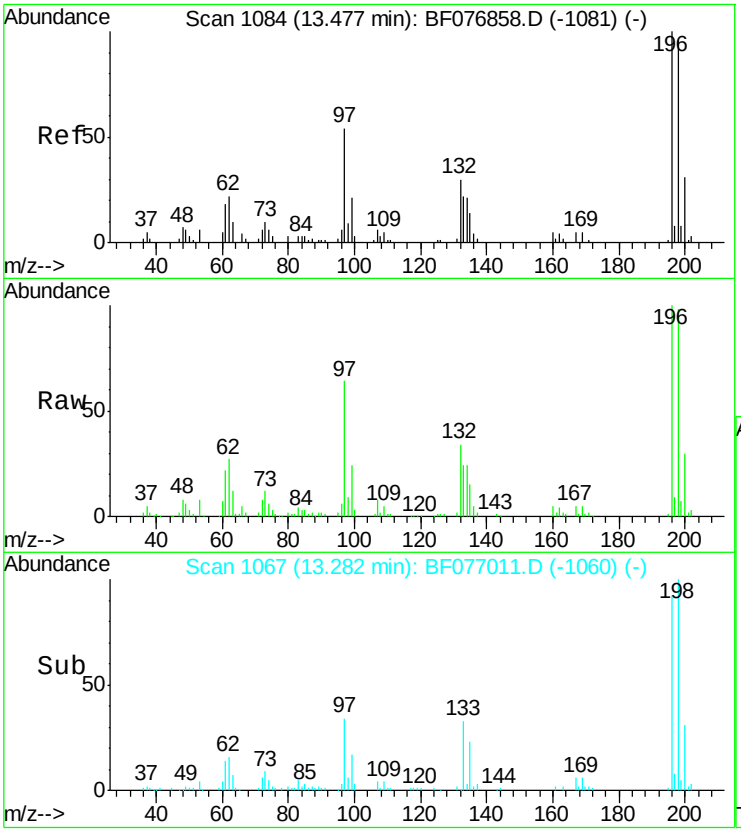


#42
2,4,6-Trichlorophenol
Concen: 166.60 ng
RT: 13.21 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:196 Resp: 182882

Ion	Ratio	Lower	Upper
196	100		
198	94.1	72.0	108.0
200	30.5	23.4	35.2



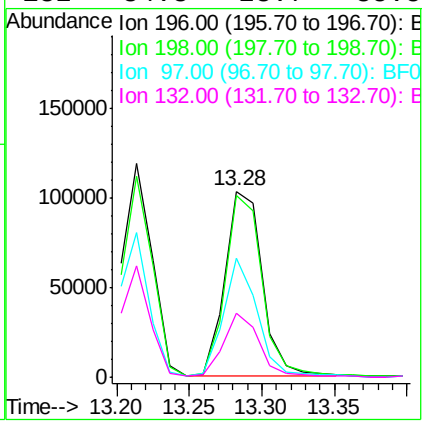


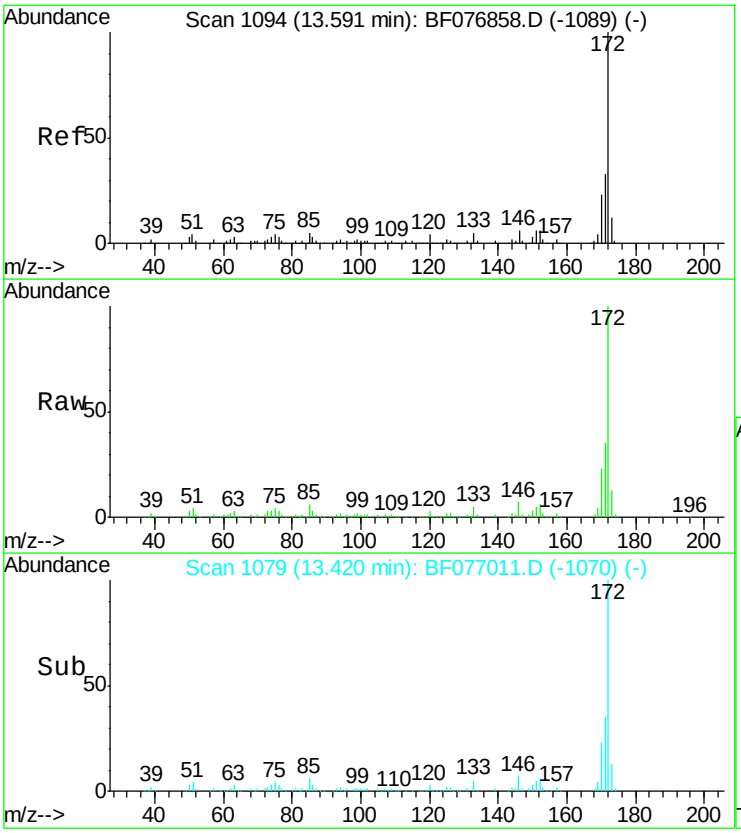
#43
2,4,5-Trichlorophenol
Concen: 164.06 ng
RT: 13.28 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion:196 Resp: 183675

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.6	115.0
97	63.8	43.4	65.0
132	34.3	23.7	35.5

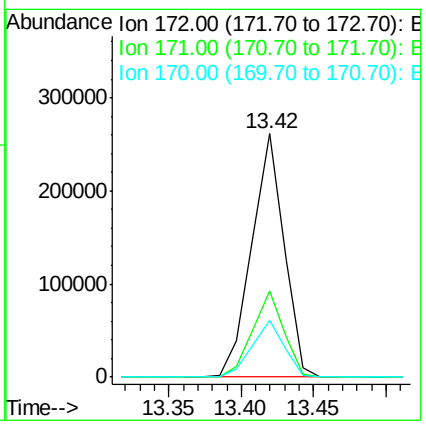


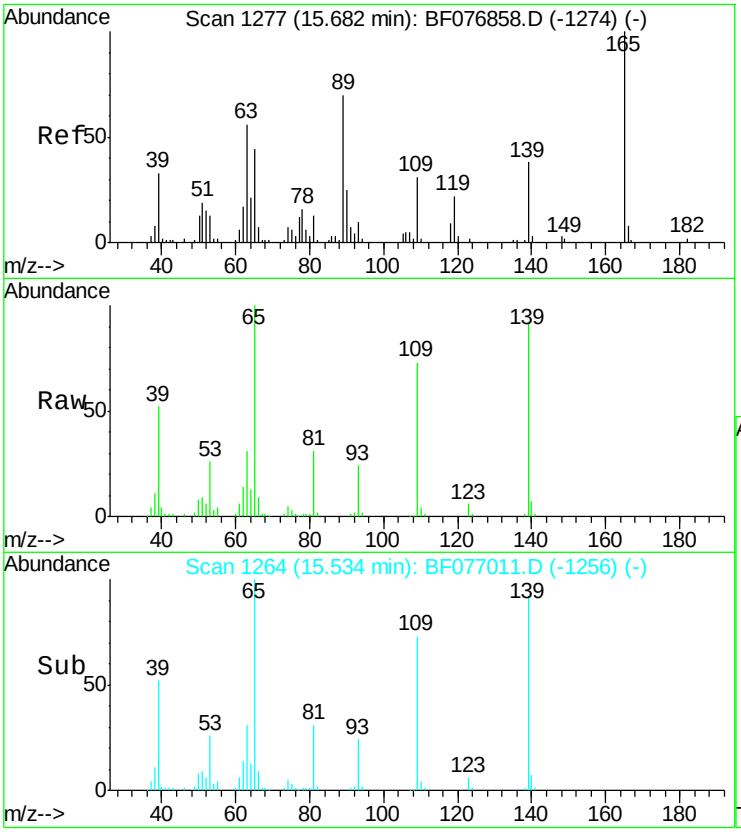


#44
2-Fluorobiphenyl
Concen: 100.89 ng
RT: 13.42 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:172 Resp: 404011

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.6	40.0
170	23.2	18.0	27.0



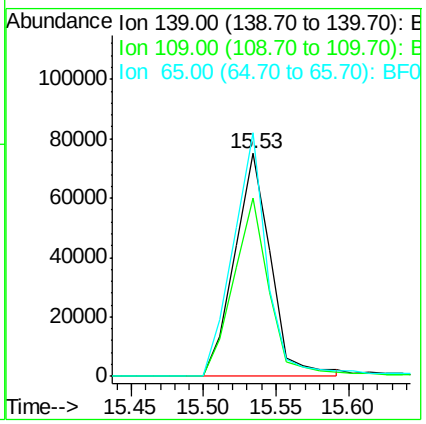


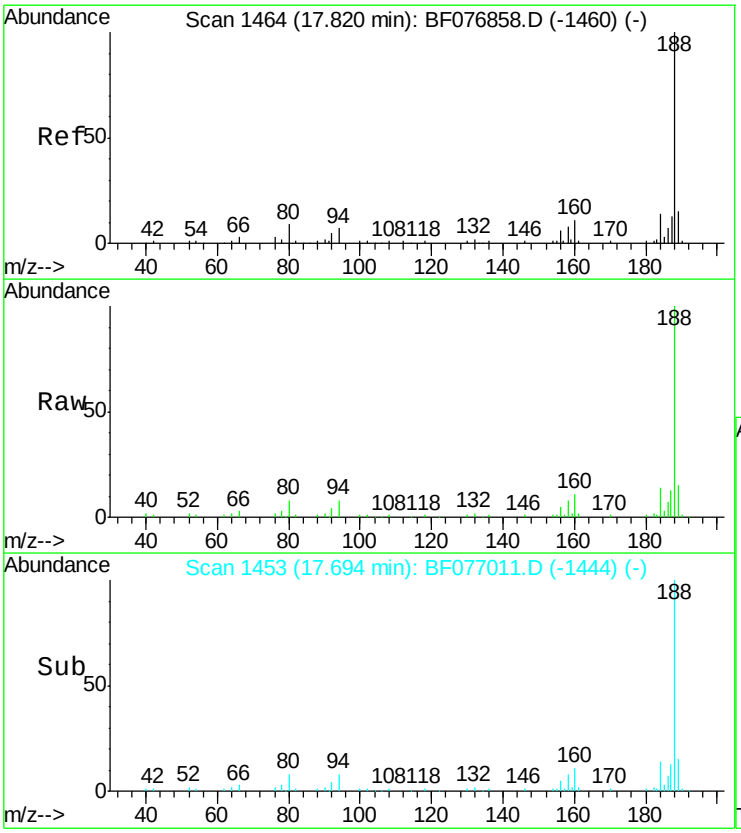
#55
4-Nitrophenol
Concen: 191.00 ng
RT: 15.53 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion:139 Resp: 129384

Ion	Ratio	Lower	Upper
139	100		
109	80.2	61.0	101.0
65	109.2	96.6	136.6

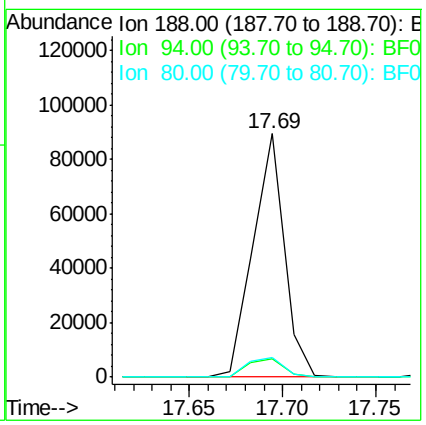


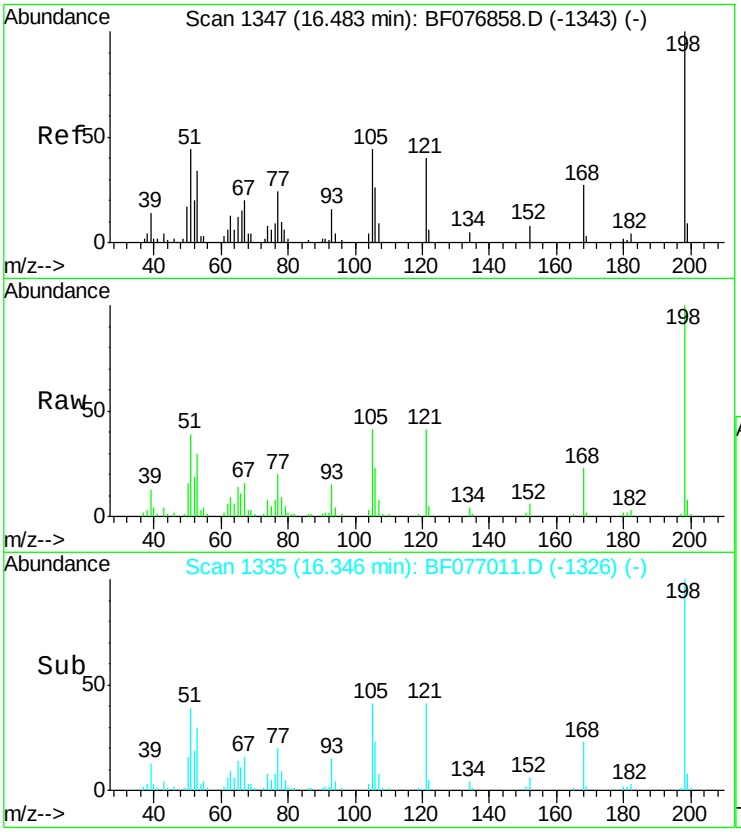


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:188 Resp: 103651

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.0	9.0
80	8.2	6.9	10.3



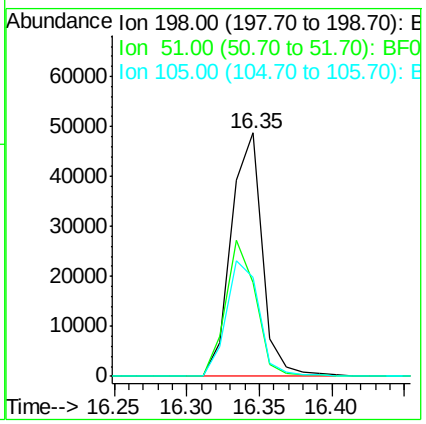


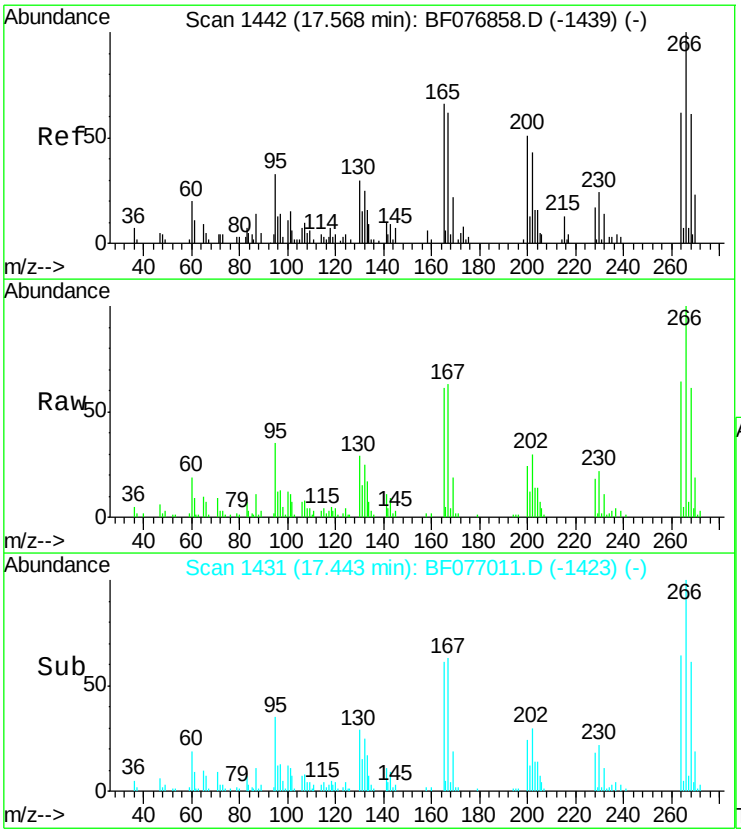
#64
4,6-Dinitro-2-methylphenol
Concen: 104.82 ng
RT: 16.35 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion:198 Resp: 72618

Ion	Ratio	Lower	Upper
198	100		
51	38.8	24.2	64.2
105	40.8	24.0	64.0

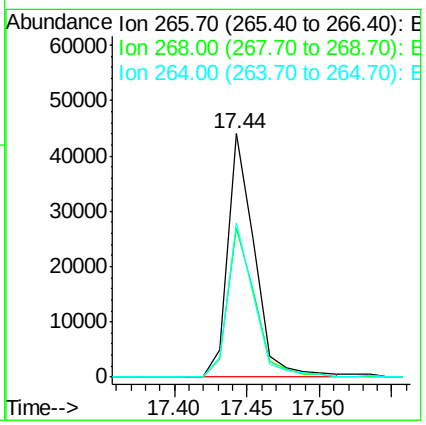


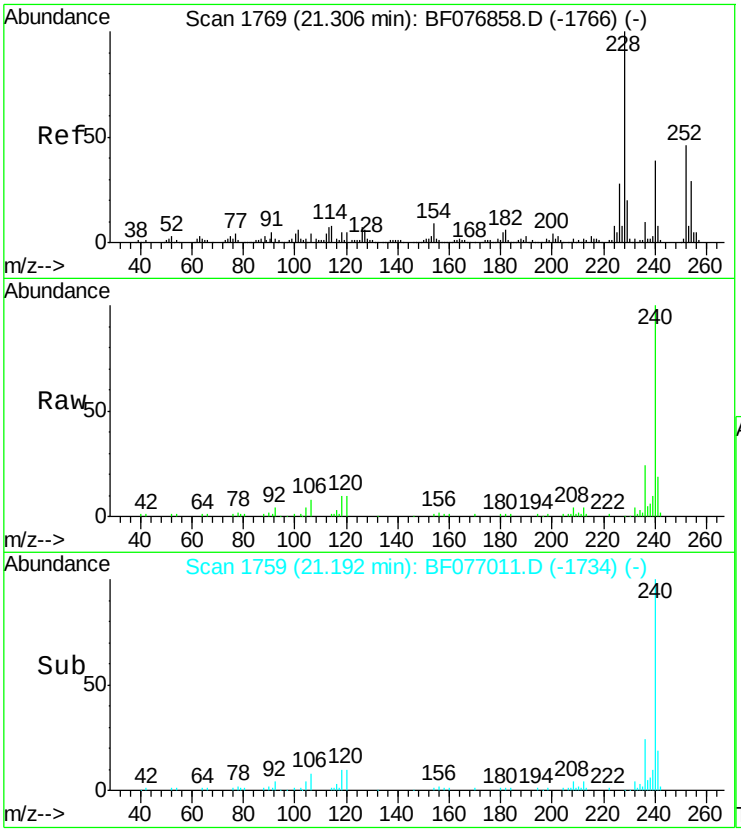


#69
Pentachlorophenol
Concen: 107.98 ng
RT: 17.44 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:266 Resp: 56154

Ion	Ratio	Lower	Upper
266	100		
268	61.4	48.6	72.8
264	63.5	49.5	74.3



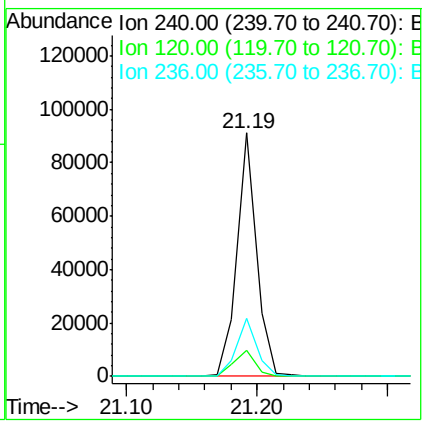


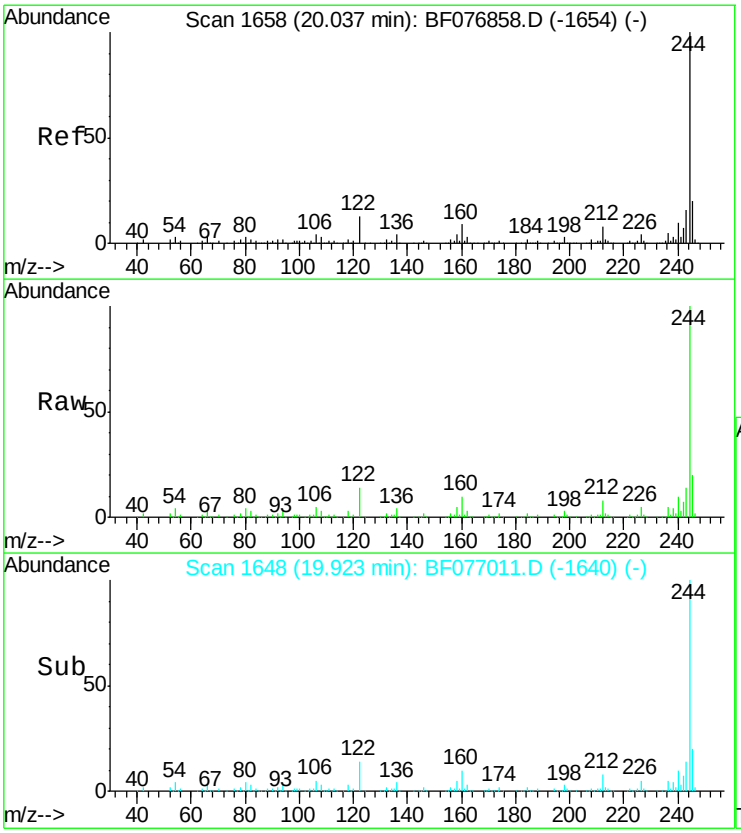
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion:240 Resp: 95137

Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.4	15.6
236	23.8	20.2	30.2

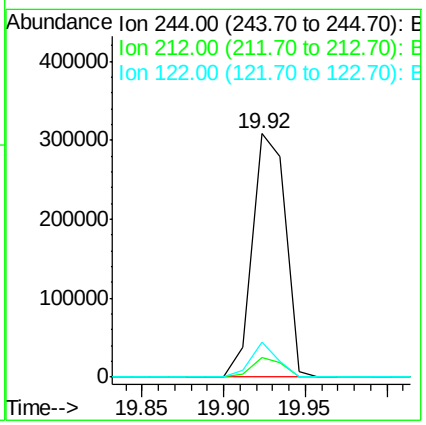


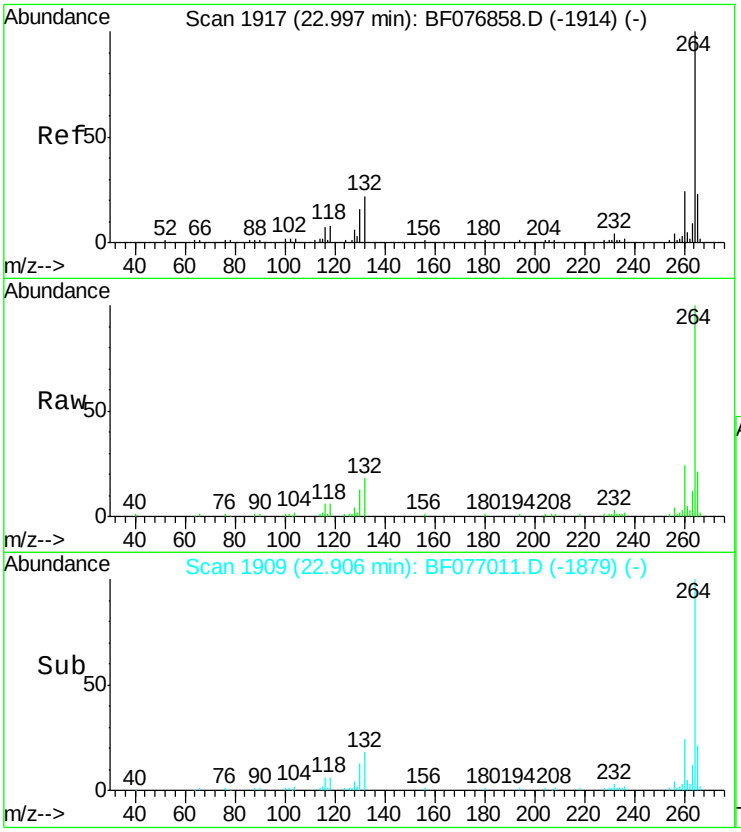


#78
Terphenyl-d14
Concen: 105.18 ng
RT: 19.92 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Tgt Ion:244 Resp: 434639

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	14.5	10.1	15.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.91 min Scan# 1909
Delta R.T. 0.05 min
Lab File: BF077011.D
Acq: 22 Jan 2015 13:20

Instrument :
BNA_F
ClientSampleId :
8035

Tgt Ion:264 Resp: 85946

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.3	18.1	27.1