Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
Data File : BF077972.D
Acq On : 26 Mar 2015 1:08
Operator : TP/IZ
Sample : G1643-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13-3-23-15

Quant Time: Mar 26 03:03:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	42450	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	175535	20.00	ng		0.00
38) Acenaphthene-d10	10.84	164	91936	20.00	ng		0.00
63) Phenanthrene-d10	12.67	188	172398	20.00	ng		-0.01
75) Chrysene-d12	15.95	240	192323	20.00	ng		-0.02
86) Perylene-d12	17.63	264	189803	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	137236	56.43	ng		0.00
7) Phenol-d6	6.69	99	110966	36.93	ng		0.02
23) Nitrobenzene-d5	7.79	82	214760	80.20	ng		0.00
41) 2,4,6-Tribromophenol	11.83	330	95282	108.32	ng		0.00
44) 2-Fluorobiphenyl	10.03	172	455032	72.74	ng		0.01
78) Terphenyl-d14	14.67	244	559284	71.03	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.70	94	8351	2.35	ng	#	67
15) Benzyl Alcohol	7.28	79	6616	2.82	ng	#	75
19) n-Nitroso-di-n-propylamine	7.79	70	27102	13.04	ng	#	85
20) 3+4-Methylphenols	7.64	107	11722	3.79	ng		91
24) Nitrobenzene	7.77	77	12402	4.30	ng	#	50
31) Naphthalene	8.69	128	24520	2.72	ng		98
32) Benzoic acid	8.54	122	3752	5.54	ng		88
36) 4-Chloro-3-methylphenol	9.28	107	340487	137.97	ng	#	14
50) 2,6-Dinitrotoluene	10.84	165	11796	8.35	ng	#	28

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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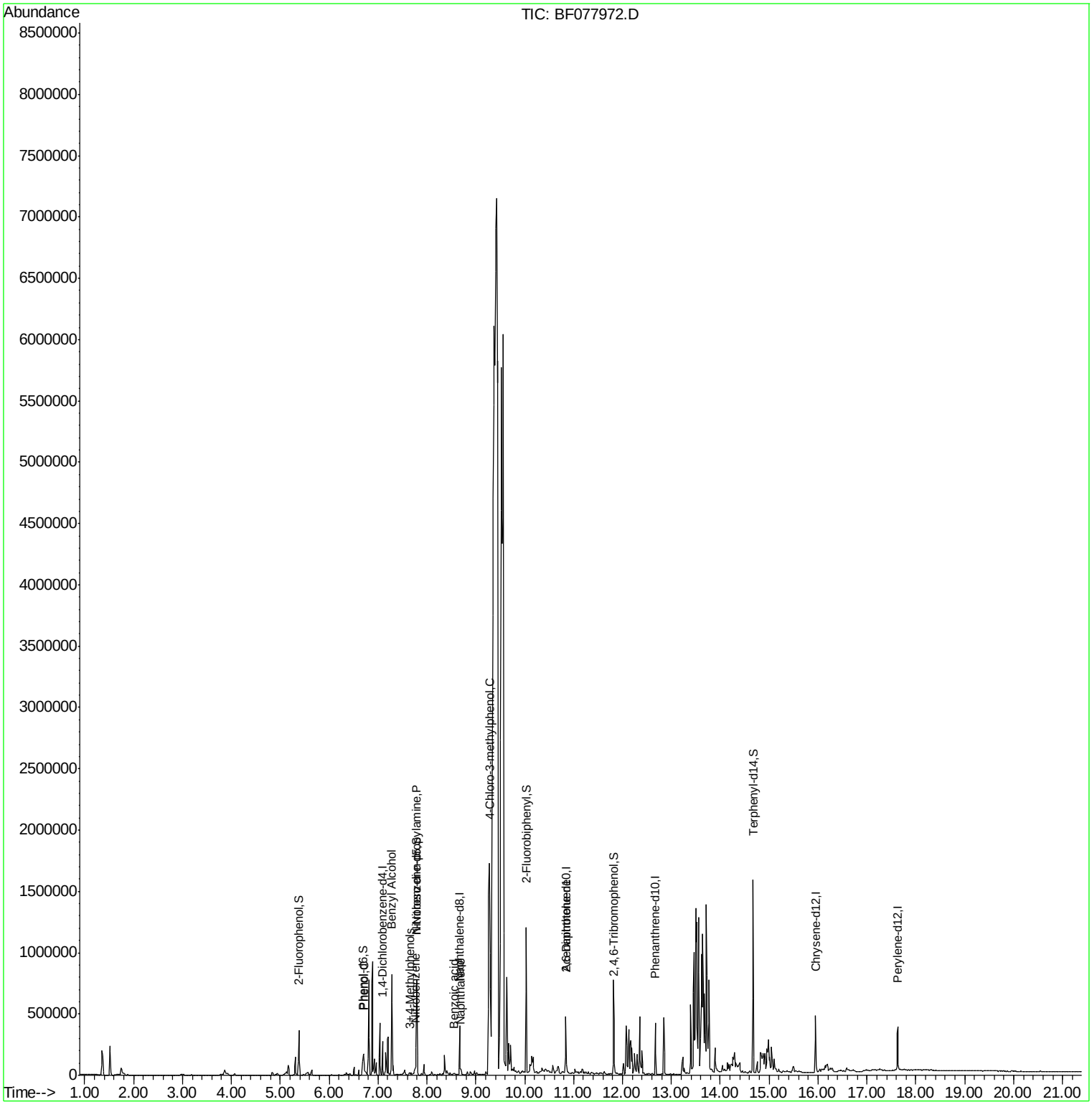
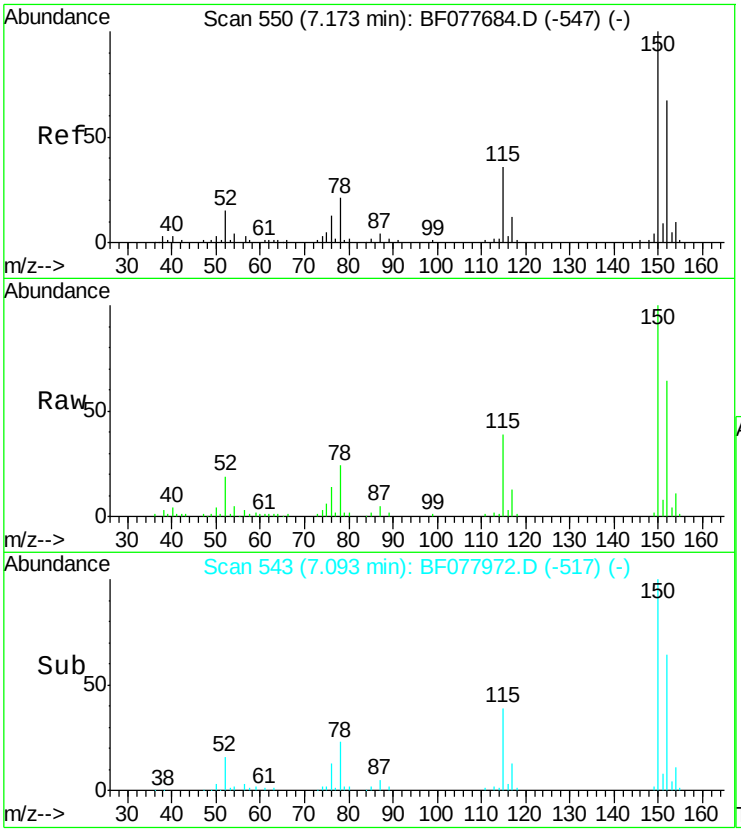


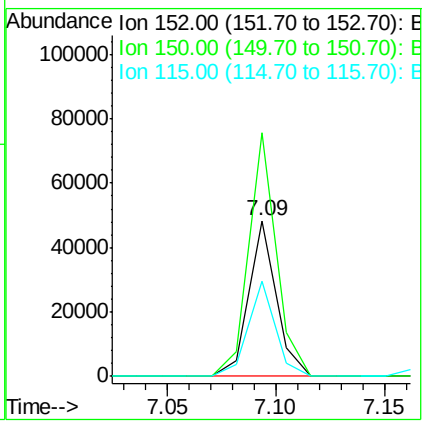


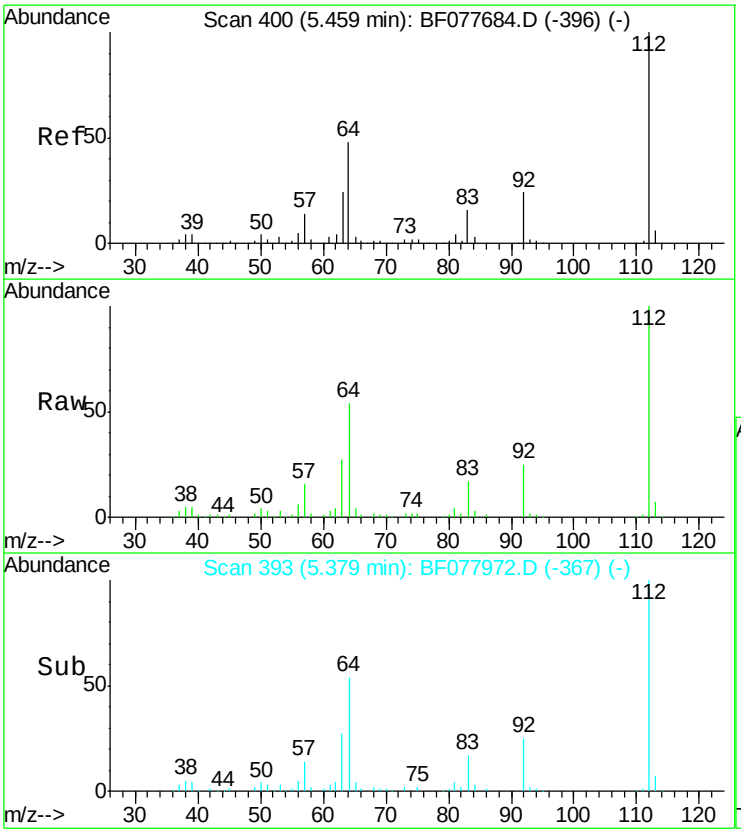
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tgt Ion:152 Resp: 42450

Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.5	179.3
115	61.1	43.0	64.4

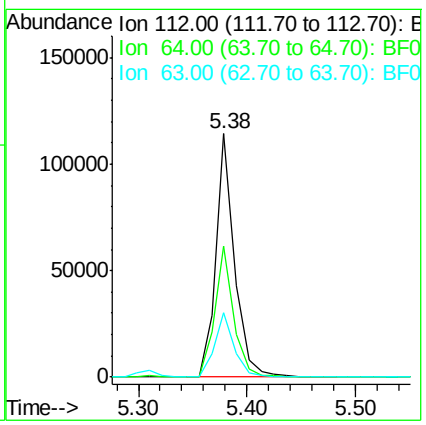


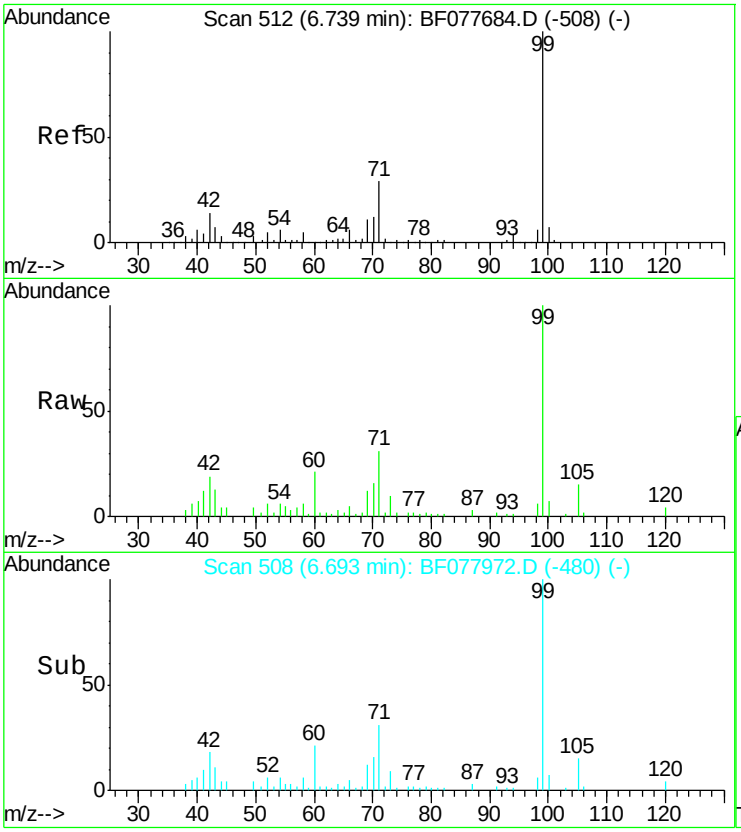


#5
2-Fluorophenol
Concen: 56.43 ng
RT: 5.38 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Tgt Ion:112 Resp: 137236

Ion	Ratio	Lower	Upper
112	100		
64	54.1	38.6	57.8
63	26.6	19.3	28.9



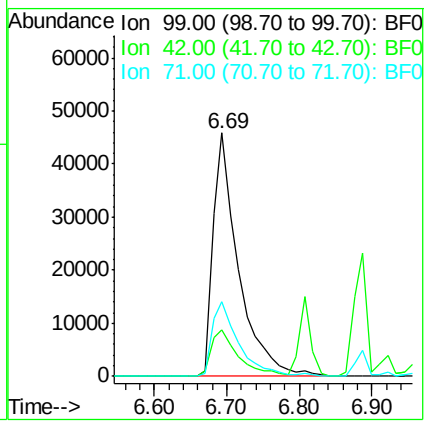


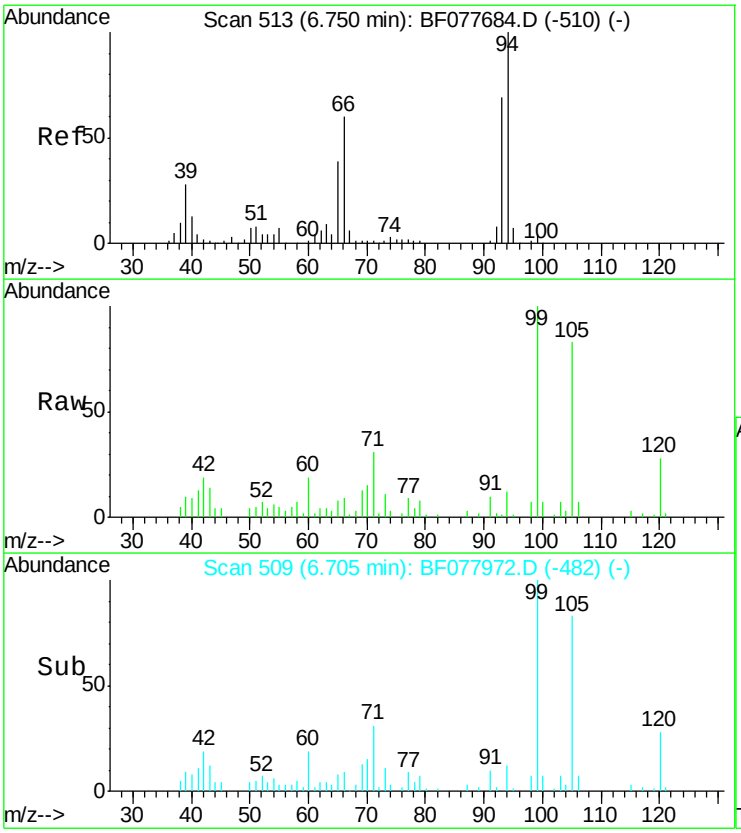
#7
Phenol-d6
Concen: 36.93 ng
RT: 6.69 min Scan# 508
Delta R.T. 0.02 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tgt Ion: 99 Resp: 110966

Ion	Ratio	Lower	Upper
99	100		
42	19.1	11.0	16.4#
71	30.5	23.4	35.2

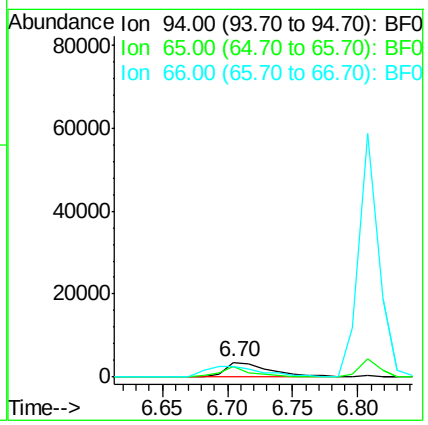


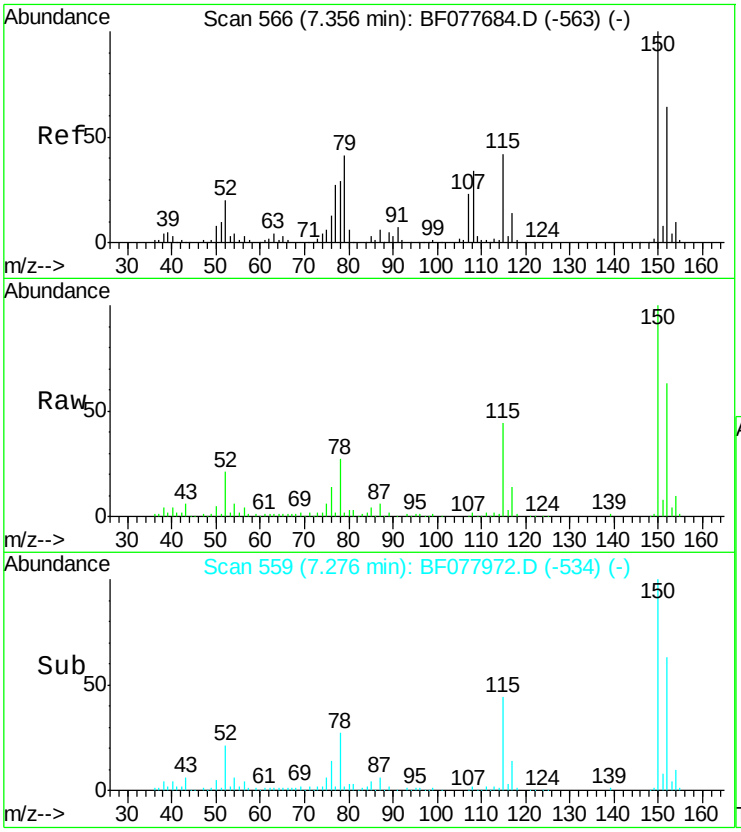


#10
Phenol
Concen: 2.35 ng
RT: 6.70 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Tgt Ion: 94 Resp: 8351

Ion	Ratio	Lower	Upper
94	100		
65	72.2	18.8	58.8#
66	74.4	39.9	79.9



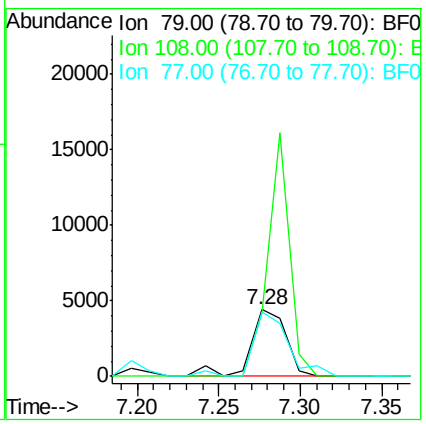


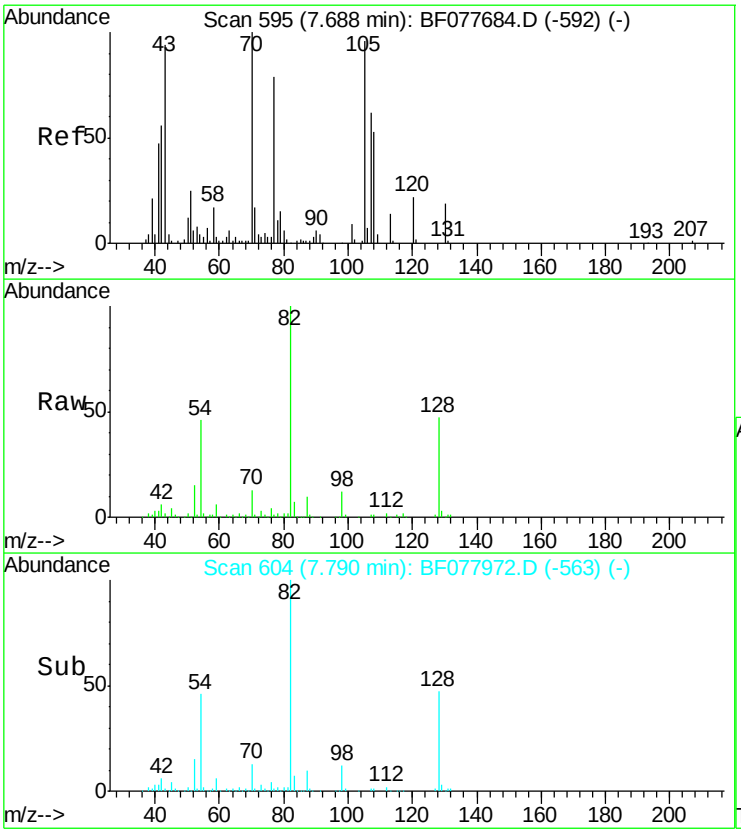
#15
Benzyl Alcohol
Concen: 2.82 ng
RT: 7.28 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tgt Ion: 79 Resp: 6616

Ion	Ratio	Lower	Upper
79	100		
108	94.6	65.0	97.4
77	95.7	53.0	79.6#

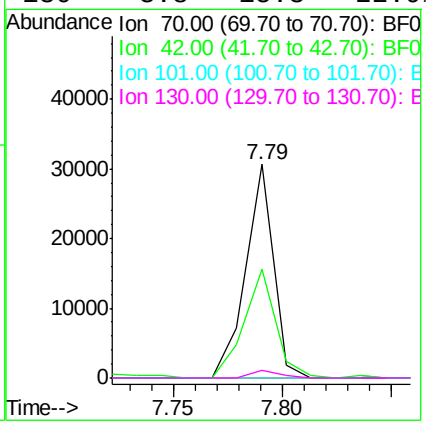


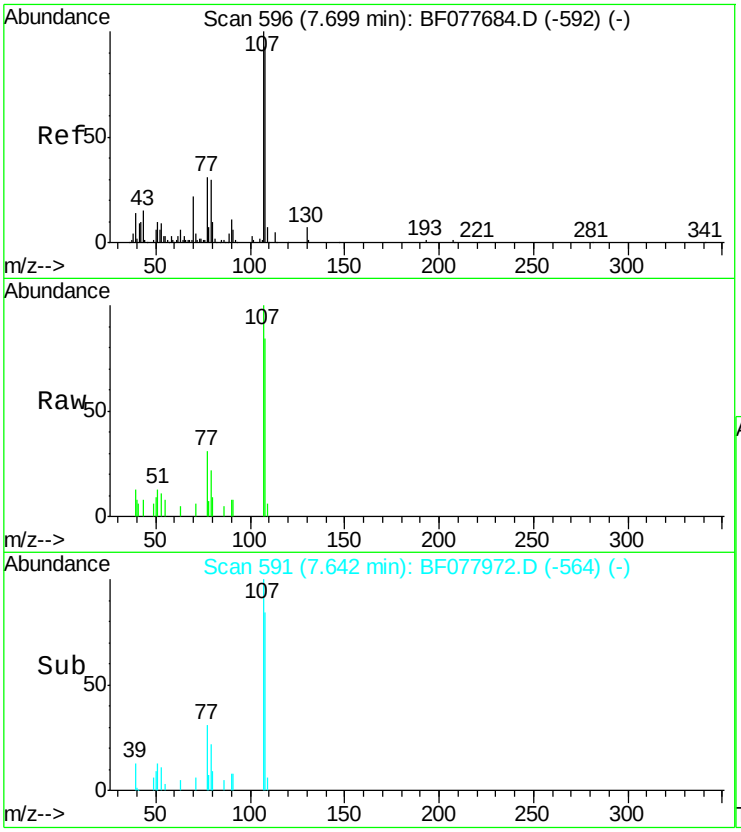


#19
n-Nitroso-di-n-propylamine
Concen: 13.04 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.17 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Tgt Ion: 70 Resp: 27102

Ion	Ratio	Lower	Upper
70	100		
42	51.1	44.5	66.7
101	0.0	7.4	11.2#
130	3.8	15.3	22.9#



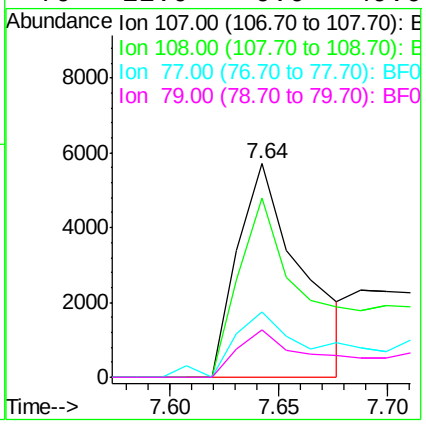


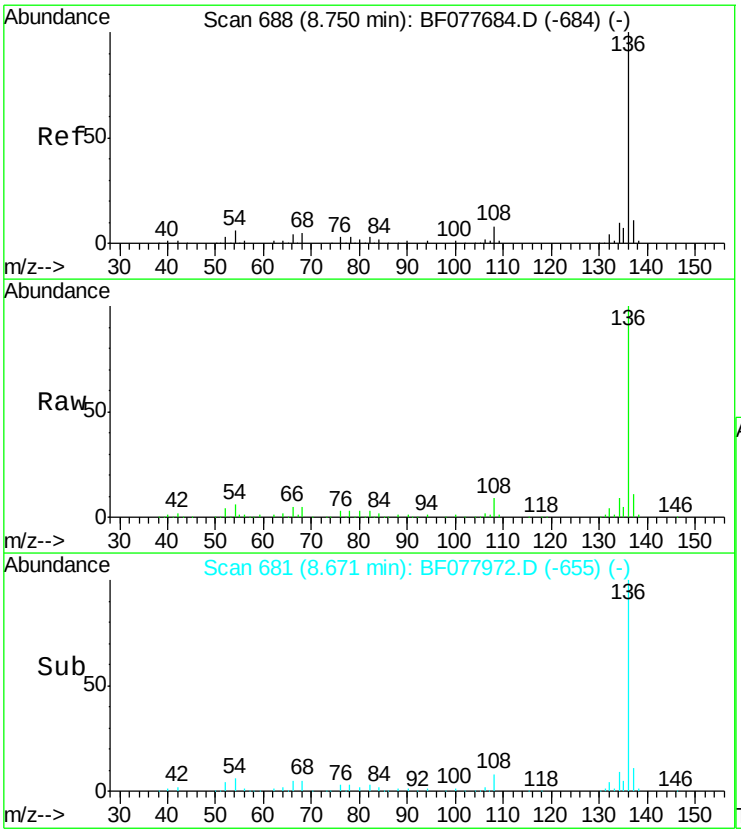
#20
3+4-Methylphenols
Concen: 3.79 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tgt Ion:107 Resp: 11722

Ion	Ratio	Lower	Upper
107	100		
108	83.8	73.2	113.2
77	30.6	10.7	50.7
79	22.0	9.6	49.6

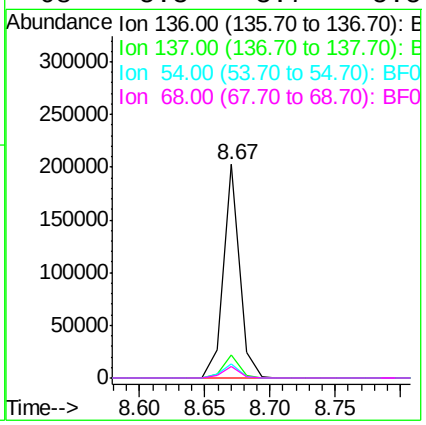


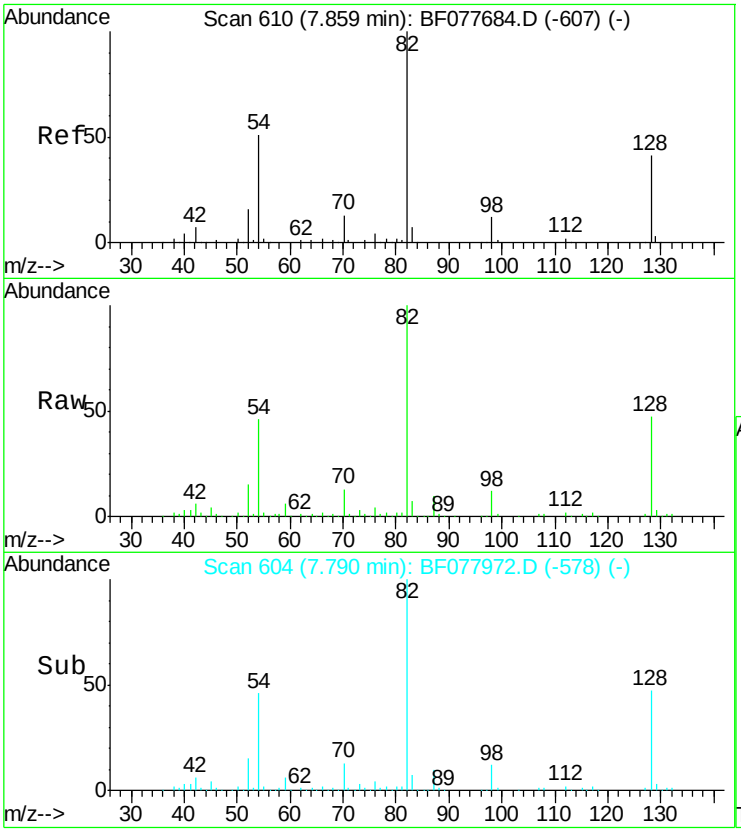


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Tgt Ion:136 Resp: 175535

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.5	4.6	6.8
68	5.3	3.7	5.5



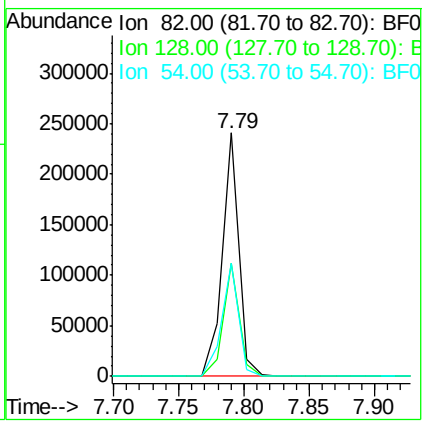


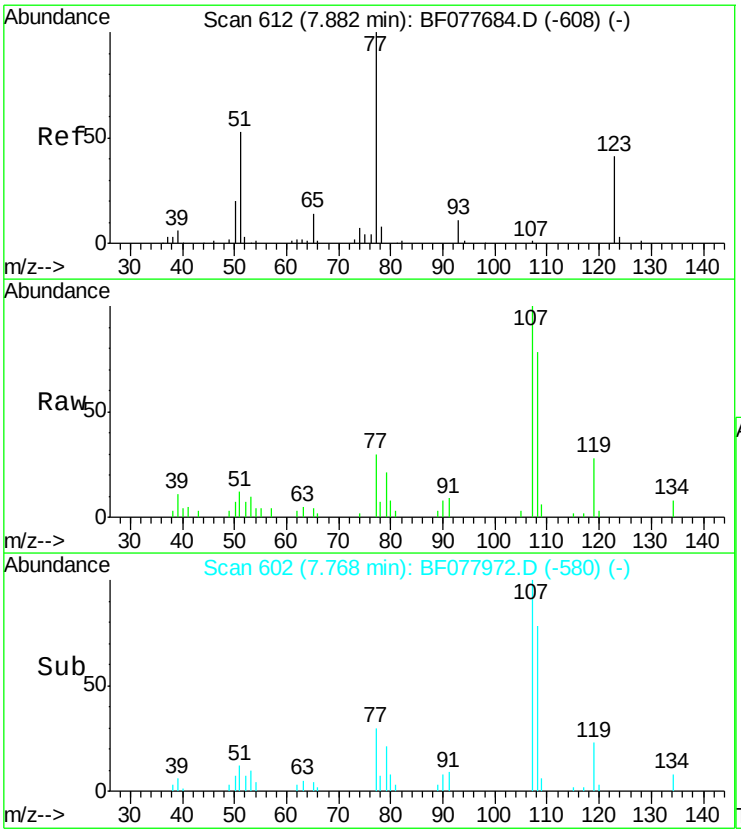
#23
Nitrobenzene-d5
Concen: 80.20 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tgt Ion: 82 Resp: 214760

Ion	Ratio	Lower	Upper
82	100		
128	46.7	32.8	49.2
54	46.2	40.6	60.8

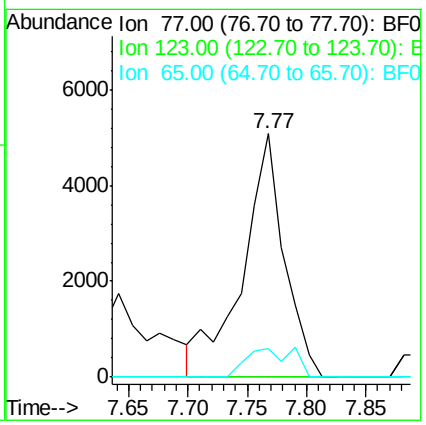


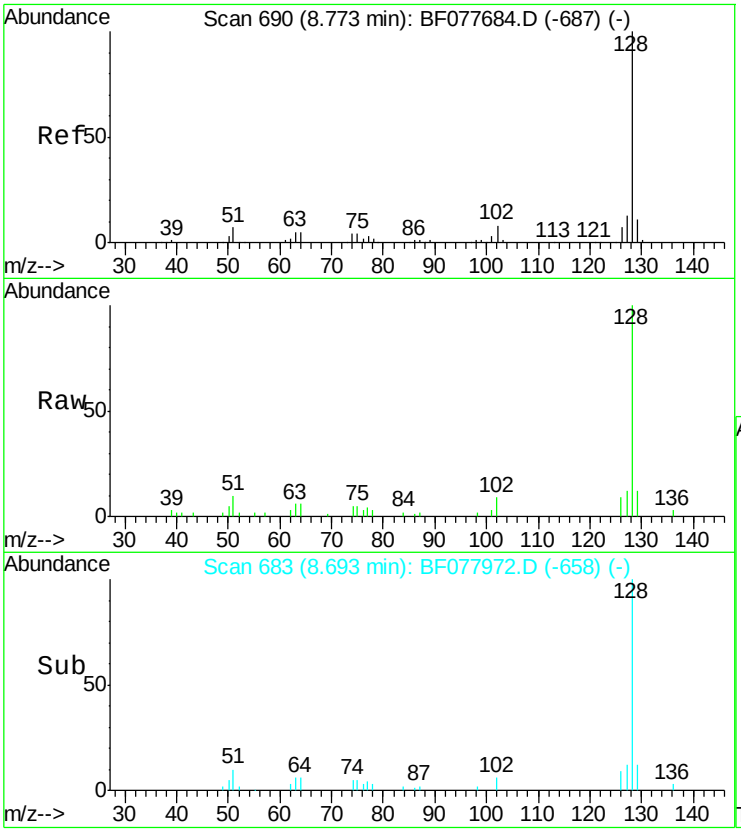


#24
Nitrobenzene
Concen: 4.30 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.05 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Tgt Ion: 77 Resp: 12402

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	11.5	10.9	16.3



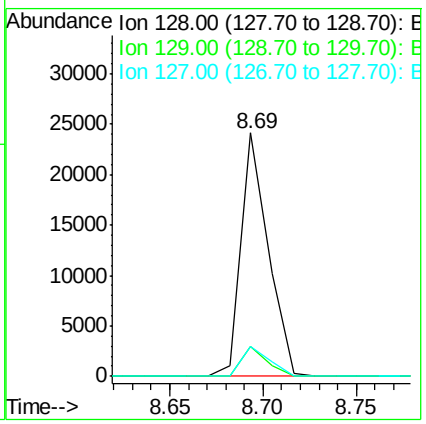


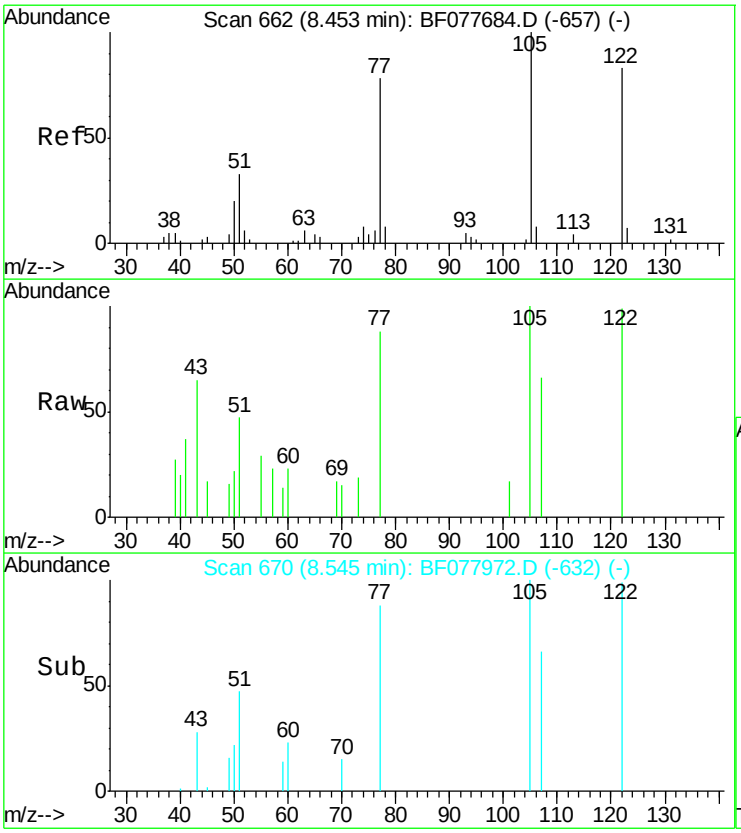
#31
Naphthalene
Concen: 2.72 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tgt Ion:128 Resp: 24520

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.9	13.3
127	12.4	10.4	15.6

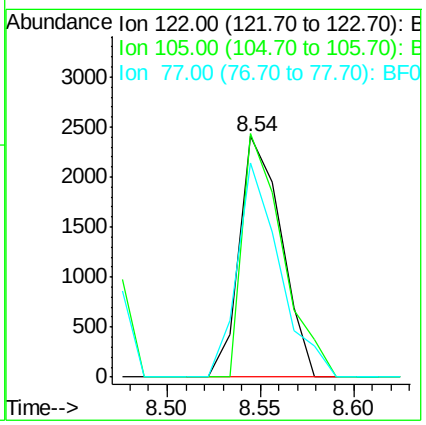


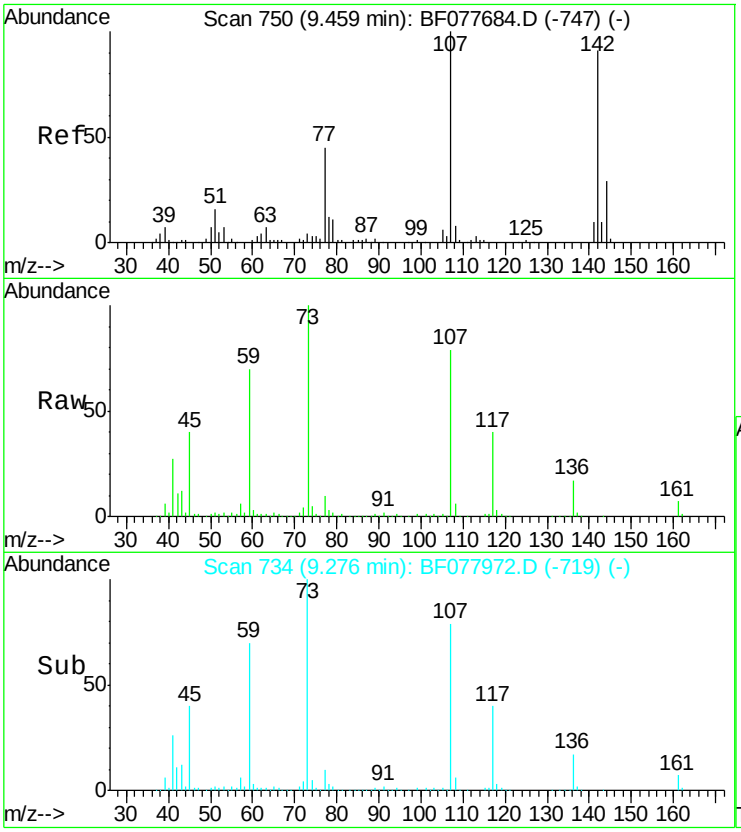


#32
Benzoic acid
Concen: 5.54 ng
RT: 8.54 min Scan# 670
Delta R.T. 0.14 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Tgt Ion:122 Resp: 3752

Ion	Ratio	Lower	Upper
122	100		
105	101.2	99.9	139.9
77	89.1	73.7	113.7



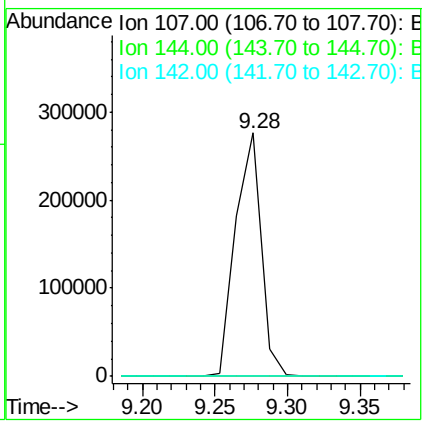


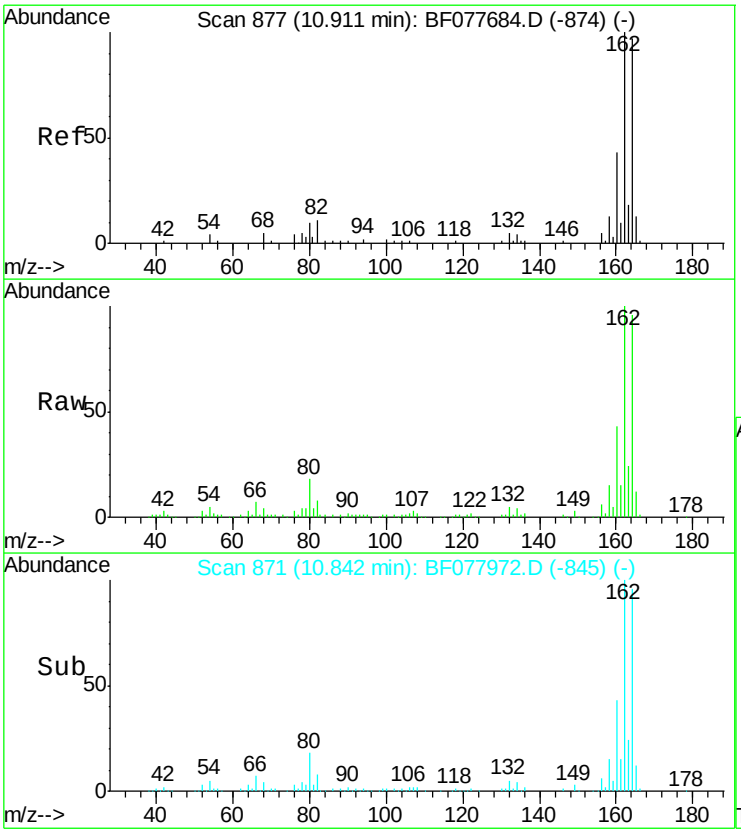
#36
4-Chloro-3-methylphenol
Concen: 137.97 ng
RT: 9.28 min Scan# 734
Delta R.T. -0.13 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tgt Ion:107 Resp: 340487

Ion	Ratio	Lower	Upper
107	100		
144	0.0	23.3	34.9#
142	0.0	72.6	109.0#

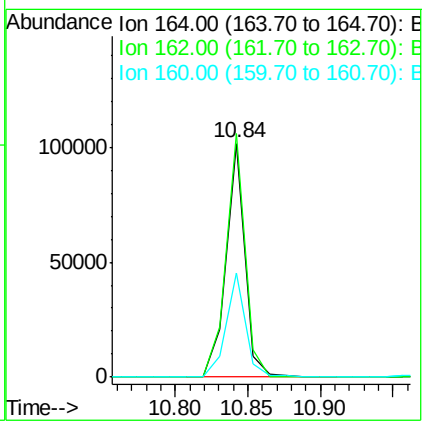


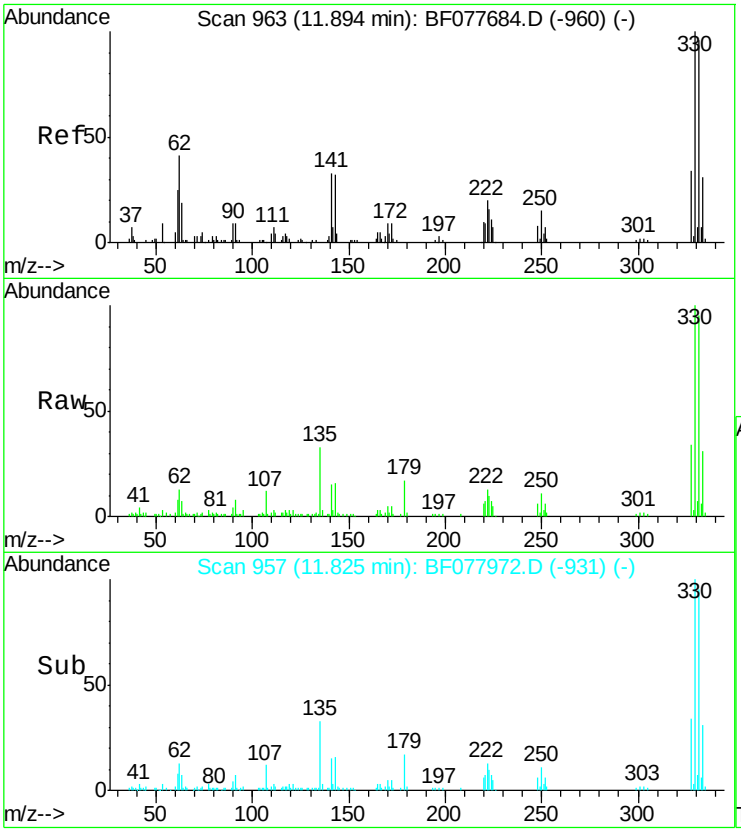


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Tgt Ion:164 Resp: 91936

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.4	123.6
160	44.4	35.8	53.6



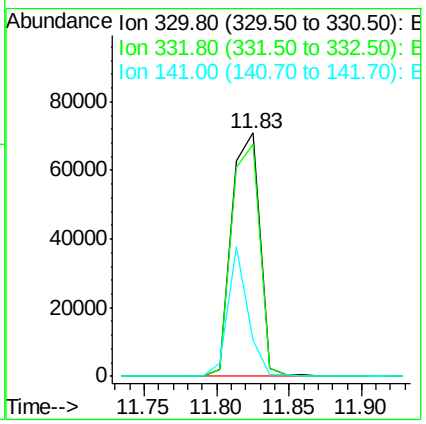


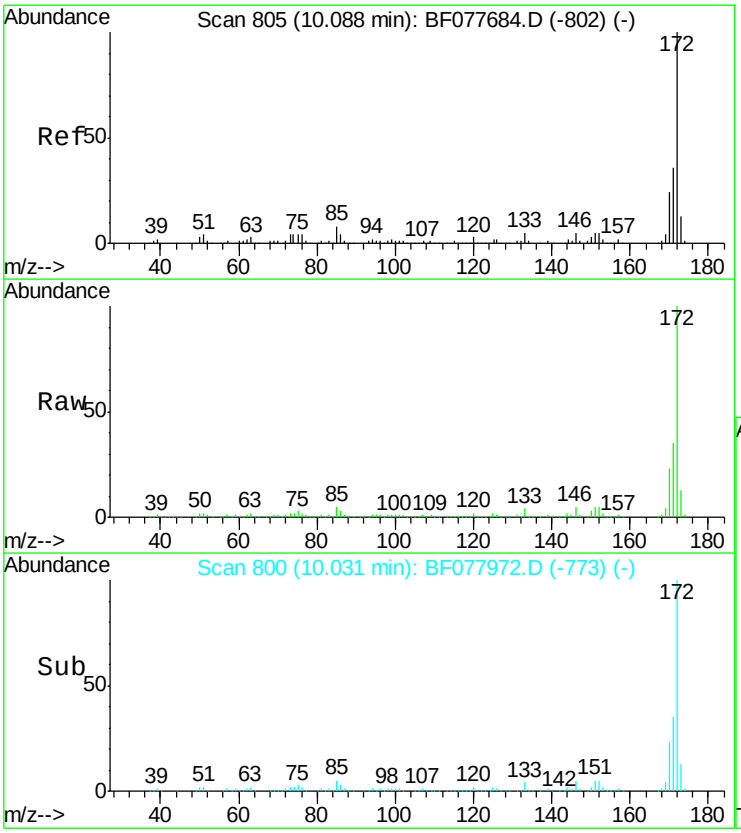
#41
2,4,6-Tribromophenol
Concen: 108.32 ng
RT: 11.83 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tgt Ion:330 Resp: 95282

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	38.5	0.0	0.0#

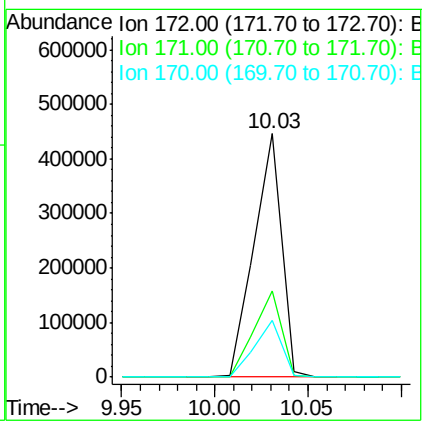


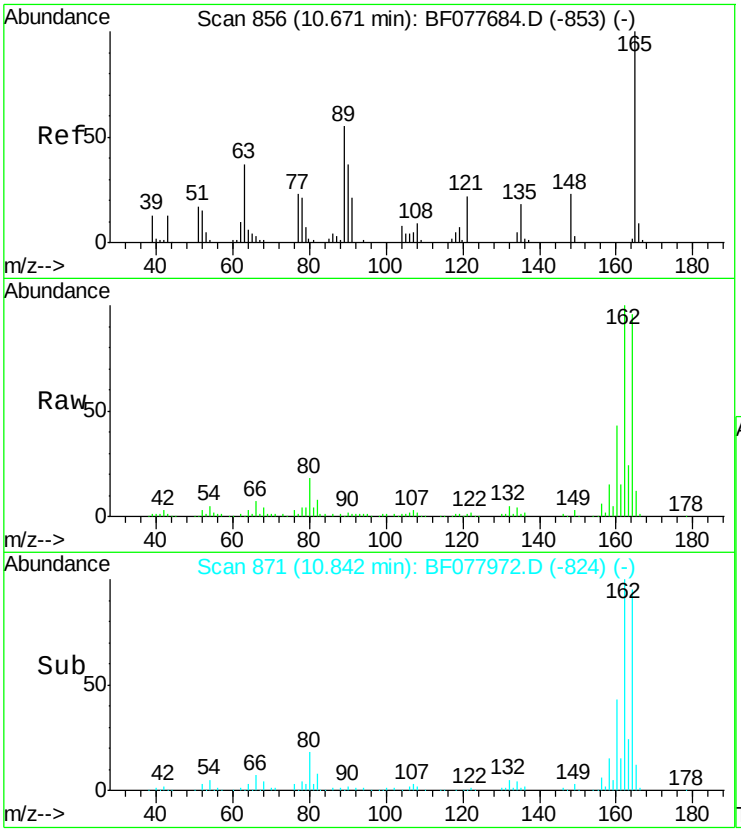


#44
2-Fluorobiphenyl
Concen: 72.74 ng
RT: 10.03 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Tgt Ion:172 Resp: 455032

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.5	18.8	28.2



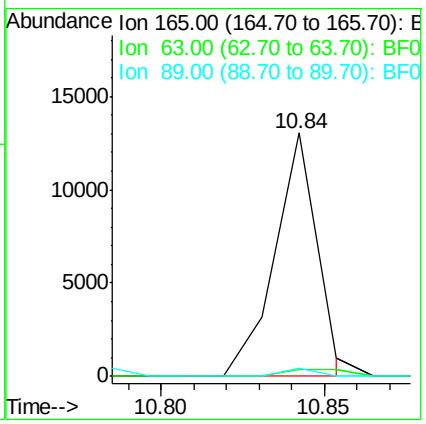


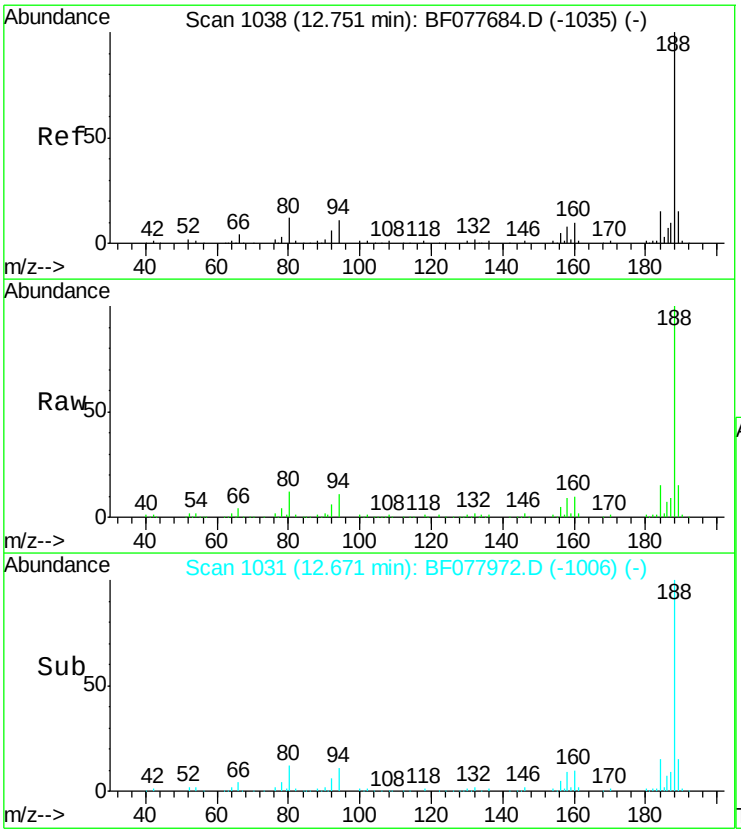
#50
2,6-Dinitrotoluene
Concen: 8.35 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.24 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tgt Ion:165 Resp: 11796

Ion	Ratio	Lower	Upper
165	100		
63	2.9	44.1	66.1#
89	3.3	44.3	66.5#

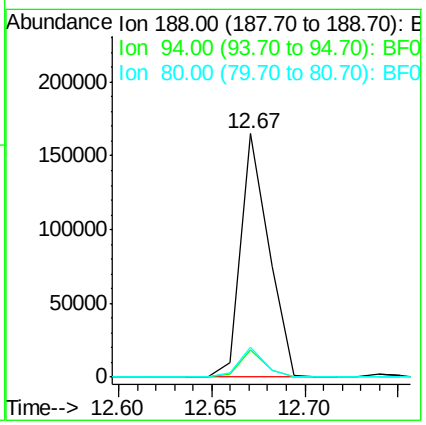


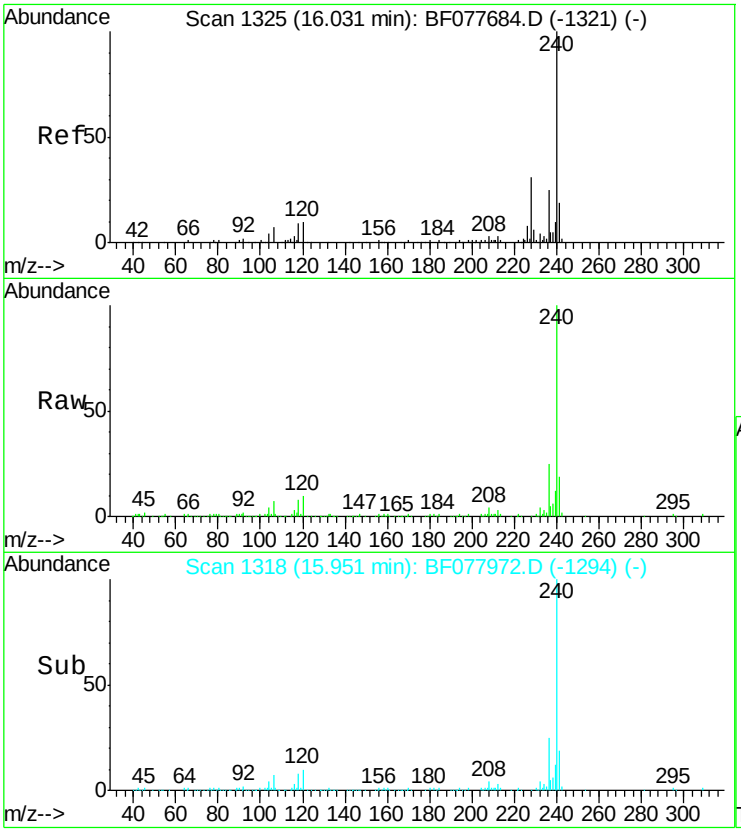


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Tgt Ion:188 Resp: 172398

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.7	13.1
80	12.2	9.3	13.9



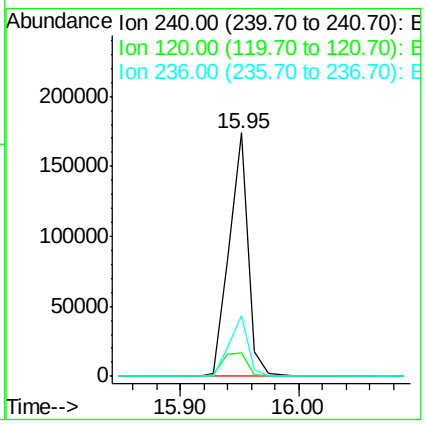


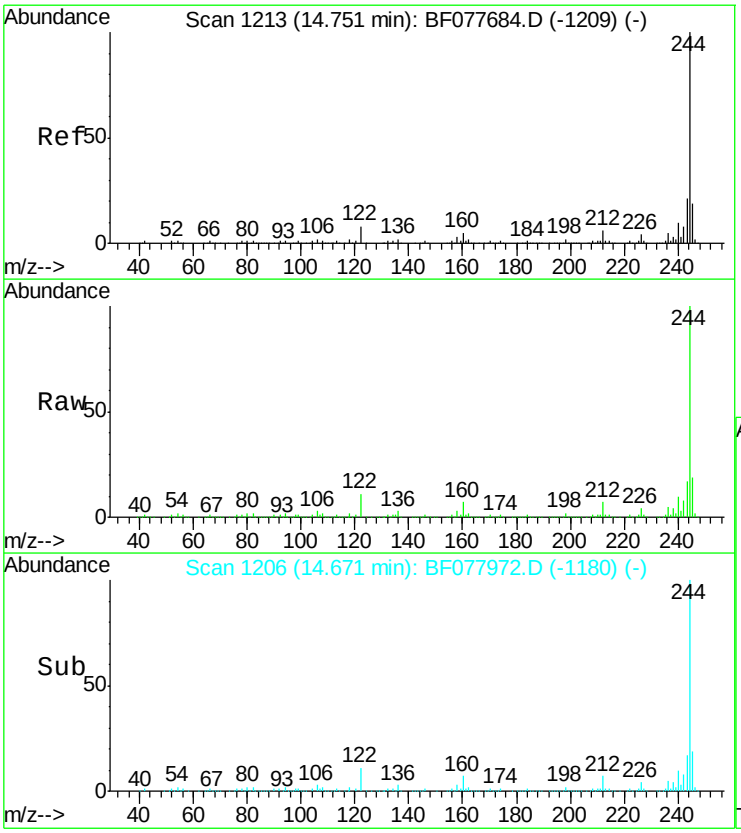
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tgt Ion:240 Resp: 192323

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.2	12.2
236	25.0	20.0	30.0

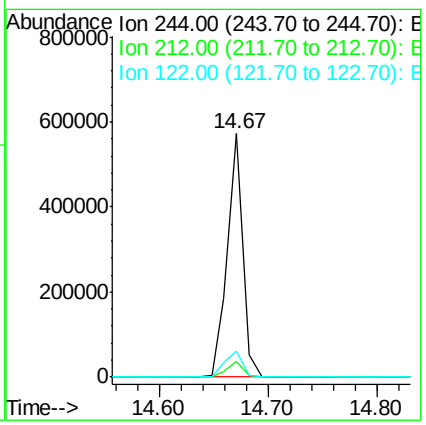


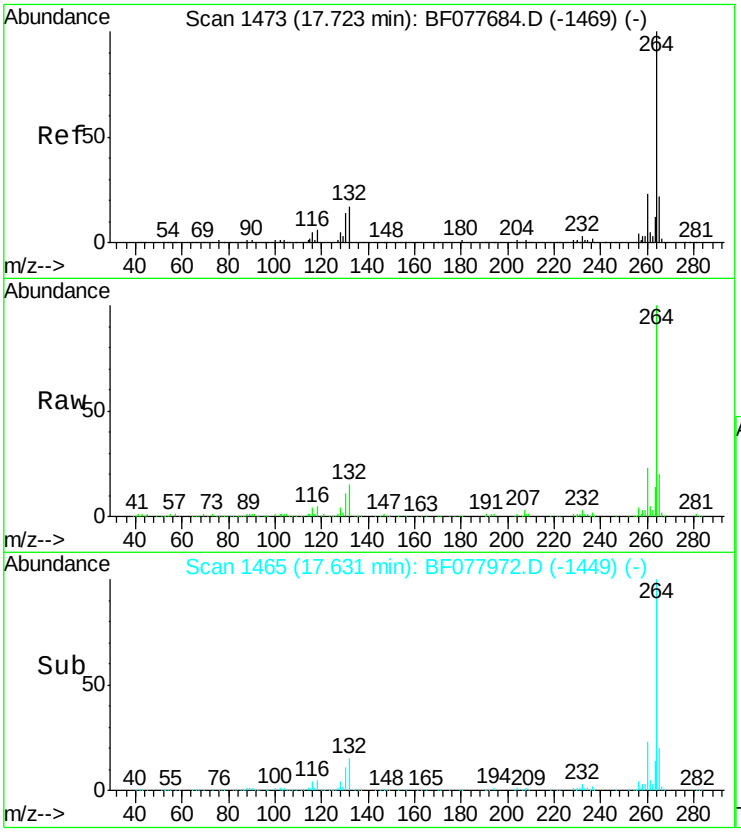


#78
Terphenyl-d14
Concen: 71.03 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Tgt Ion:244 Resp: 559284

Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.9	7.3
122	10.6	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.63 min Scan# 1465
Delta R.T. -0.11 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tgt Ion:264 Resp: 189803

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	20.3	17.3	25.9