Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
Data File : BF077841.D
Acq On : 19 Mar 2015 20:14
Operator : TP/IZ
Sample : G1573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Time: Mar 20 00:16:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 00:59:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	38099	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	152226	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	79858	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	160455	20.00	ng	0.00
75) Chrysene-d12	16.03	240	178934	20.00	ng	0.00
86) Perylene-d12	17.80	264	178810	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	25951	11.89	ng	0.01
7) Phenol-d6	6.73	99	20156	7.47	ng	0.00
23) Nitrobenzene-d5	7.85	82	40393	17.39	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	19818	25.94	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	100132	18.43	ng	0.00
78) Terphenyl-d14	14.73	244	110217	15.05	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.78	88	39549	39.91	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	5150	2.76	ng	# 71
50) 2,6-Dinitrotoluene	10.90	165	10138	8.26	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	8132	5.08	ng	# 11
76) Benzidine	14.28	184	648	Below Cal		# 68
79) Butylbenzylphthalate	15.36	149	9183	2.07	ng	95

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

Quantitation Report (Not Reviewed)

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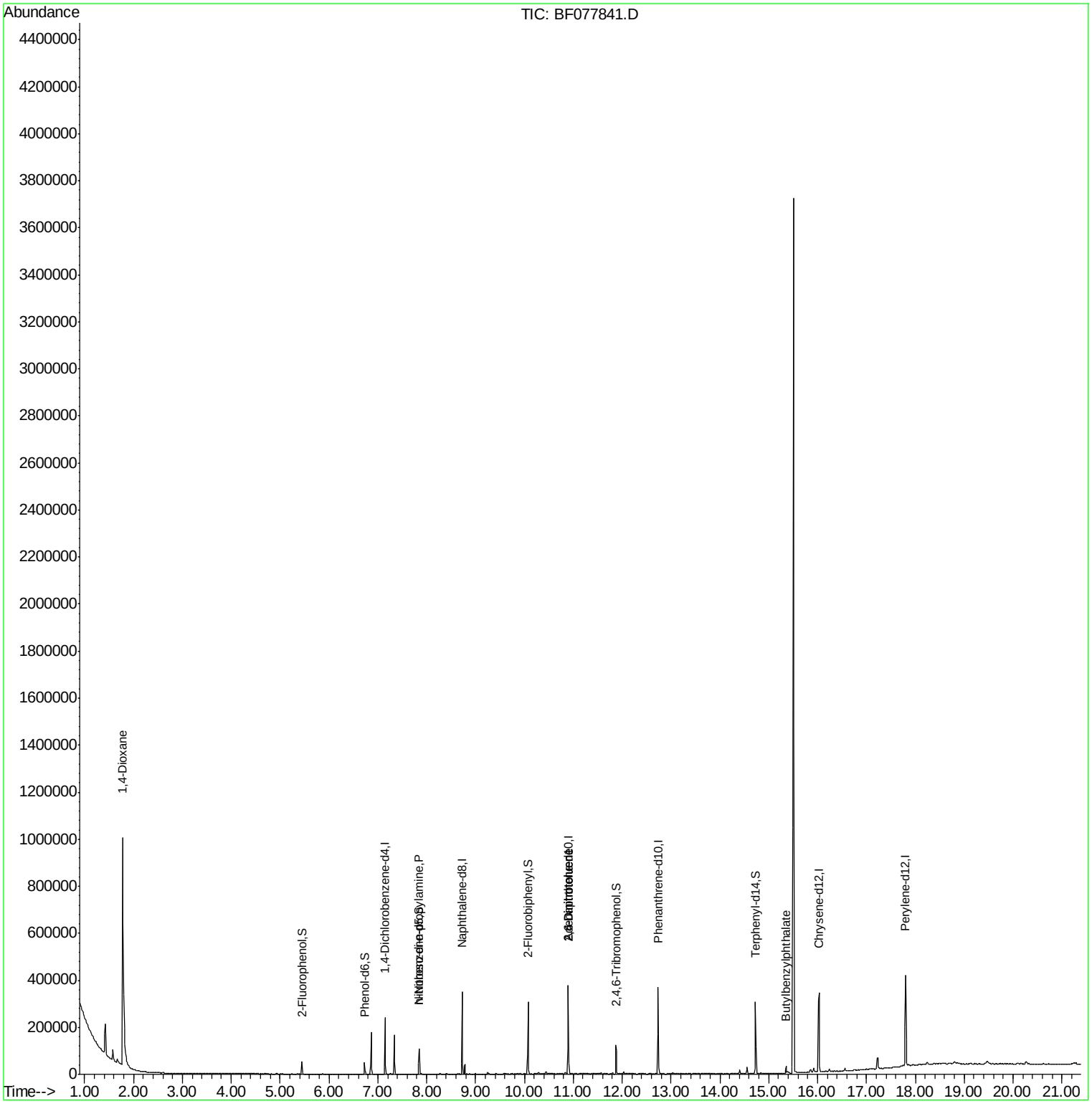
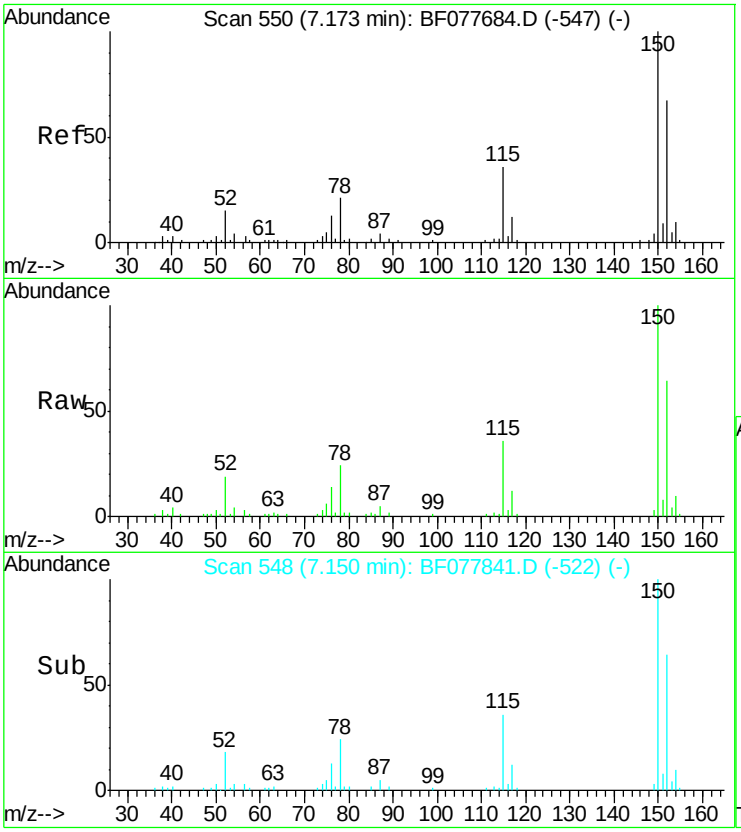


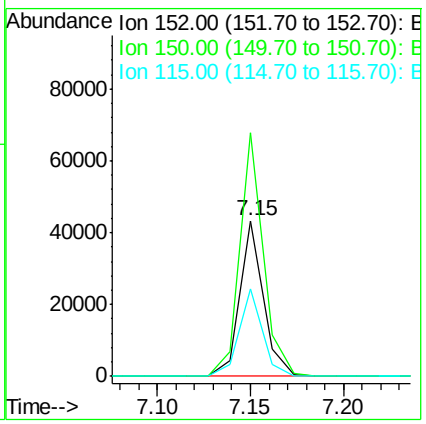


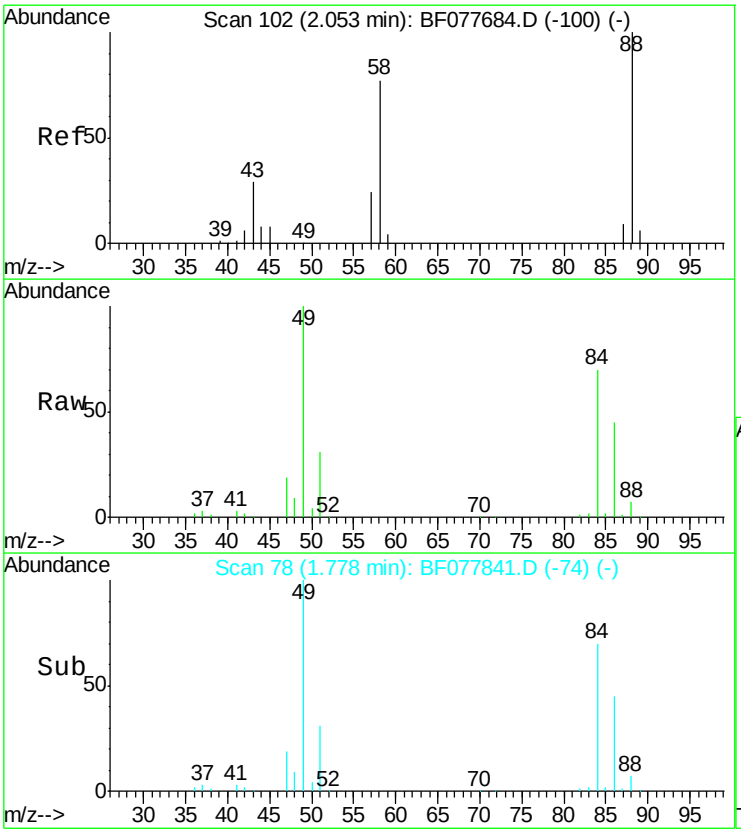
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 38099

Ion	Ratio	Lower	Upper
152	100		
150	156.7	119.5	179.3
115	56.6	43.0	64.4

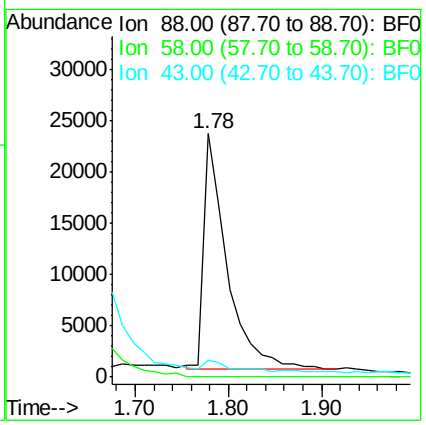


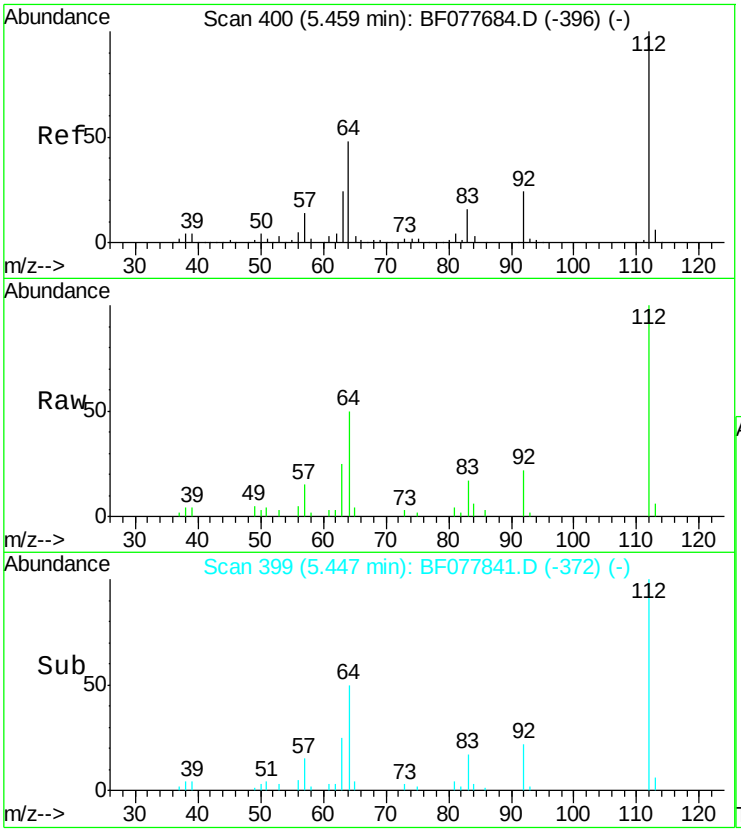


#2
1,4-Dioxane
Concen: 39.91 ng
RT: 1.78 min Scan# 78
Delta R.T. -0.25 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Tgt Ion: 88 Resp: 39549

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	7.6	0.0	0.0#



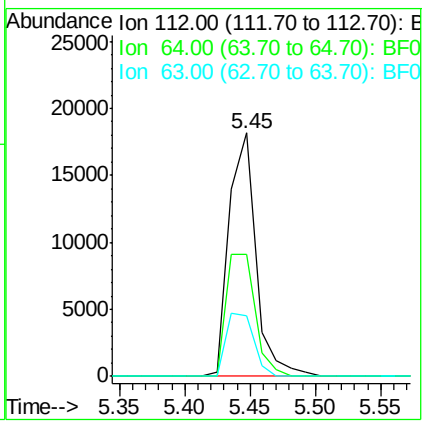


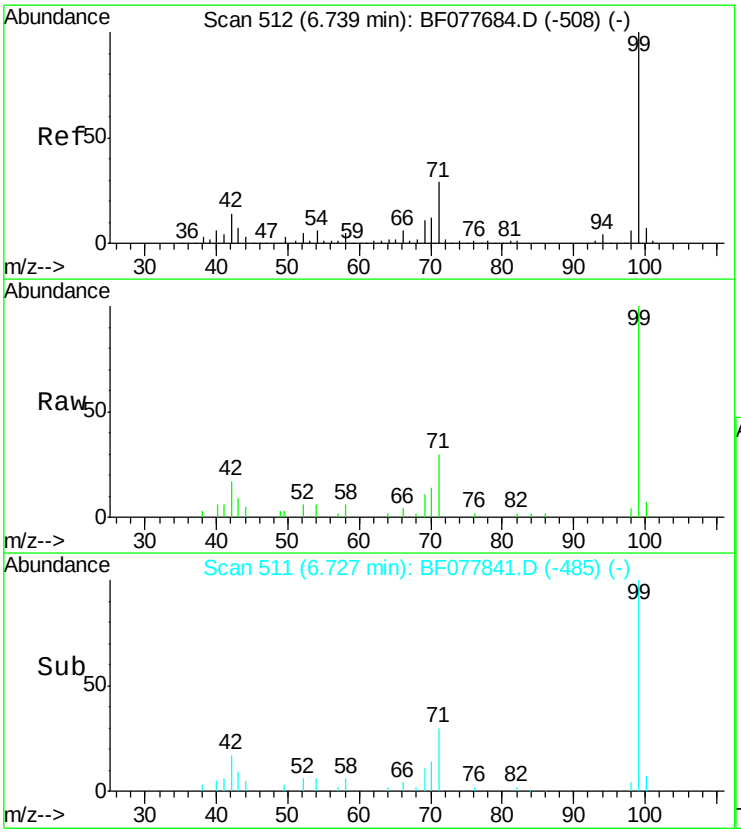
#5
2-Fluorophenol
Concen: 11.89 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:112 Resp: 25951

Ion	Ratio	Lower	Upper
112	100		
64	50.1	38.6	57.8
63	25.0	19.3	28.9

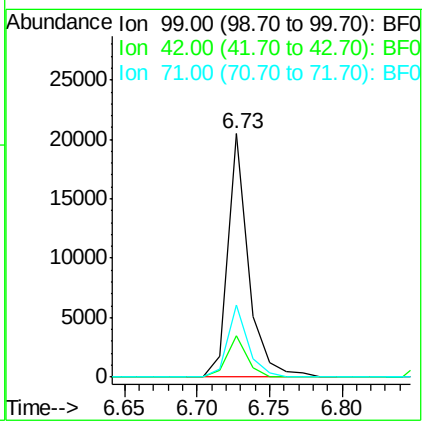


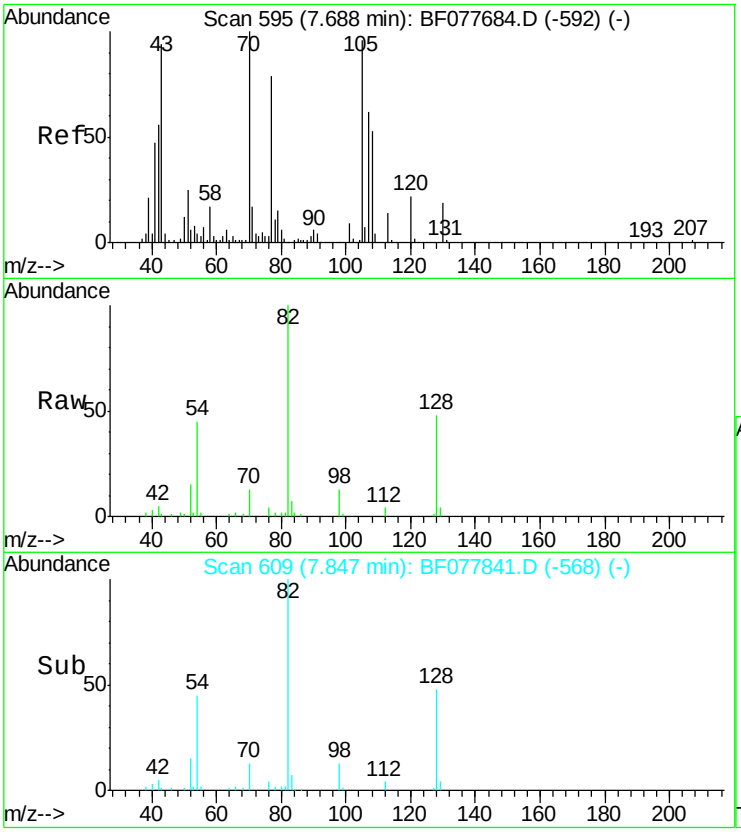


#7
Phenol-d6
Concen: 7.47 ng
RT: 6.73 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Tgt Ion: 99 Resp: 20156

Ion	Ratio	Lower	Upper
99	100		
42	17.0	11.0	16.4#
71	29.5	23.4	35.2



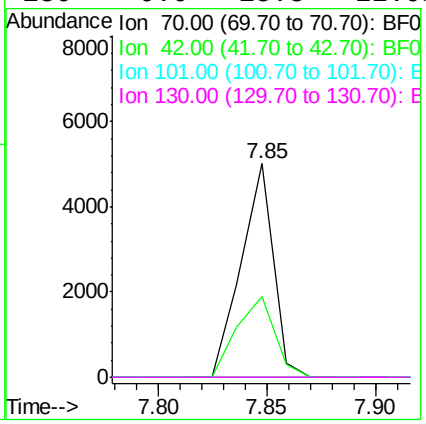


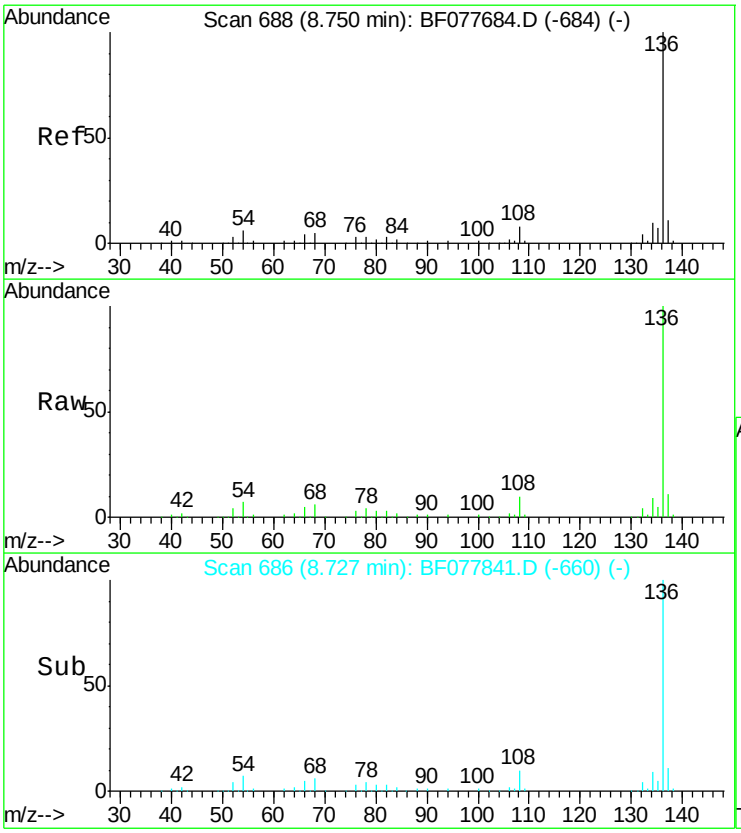
#19
n-Nitroso-di-n-propylamine
Concen: 2.76 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 70 Resp: 5150

Ion	Ratio	Lower	Upper
70	100		
42	37.7	44.5	66.7#
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#

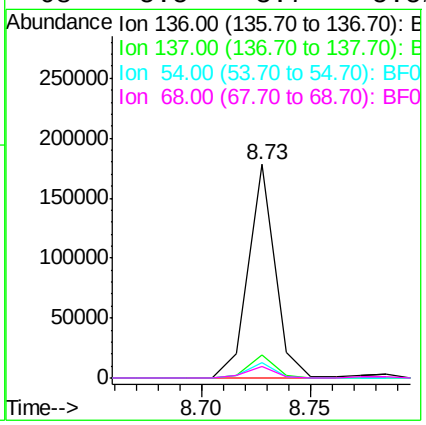


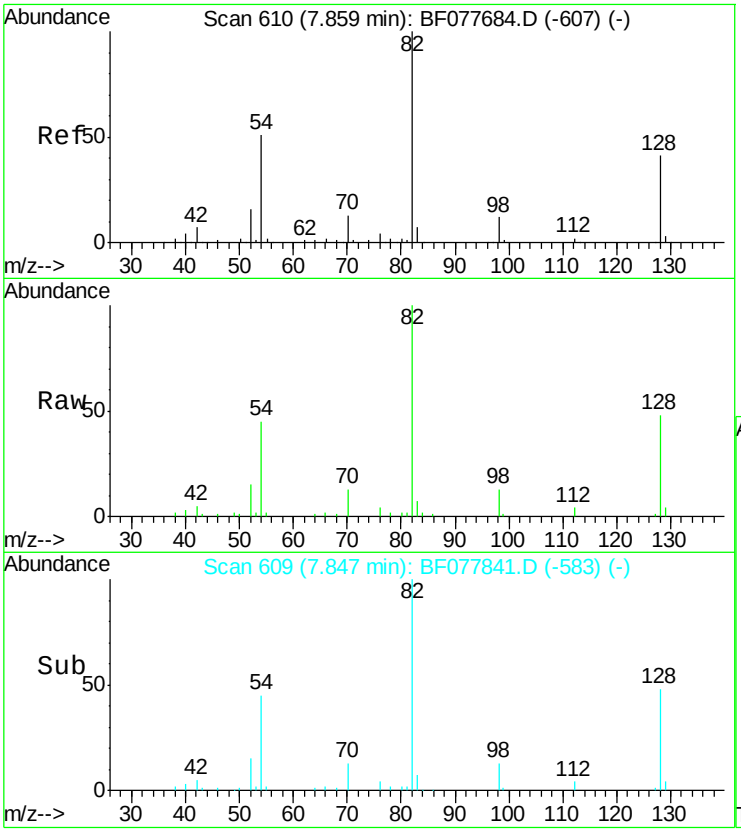


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Tgt Ion:136 Resp: 152226

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.2	4.6	6.8#
68	5.5	3.7	5.5#



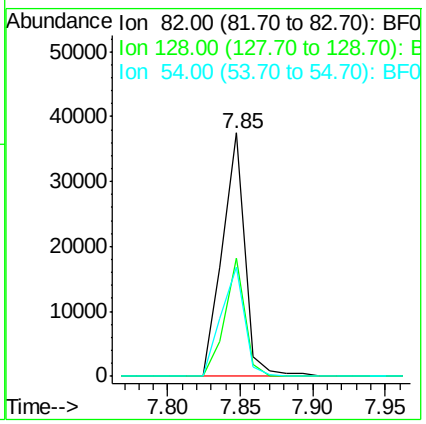


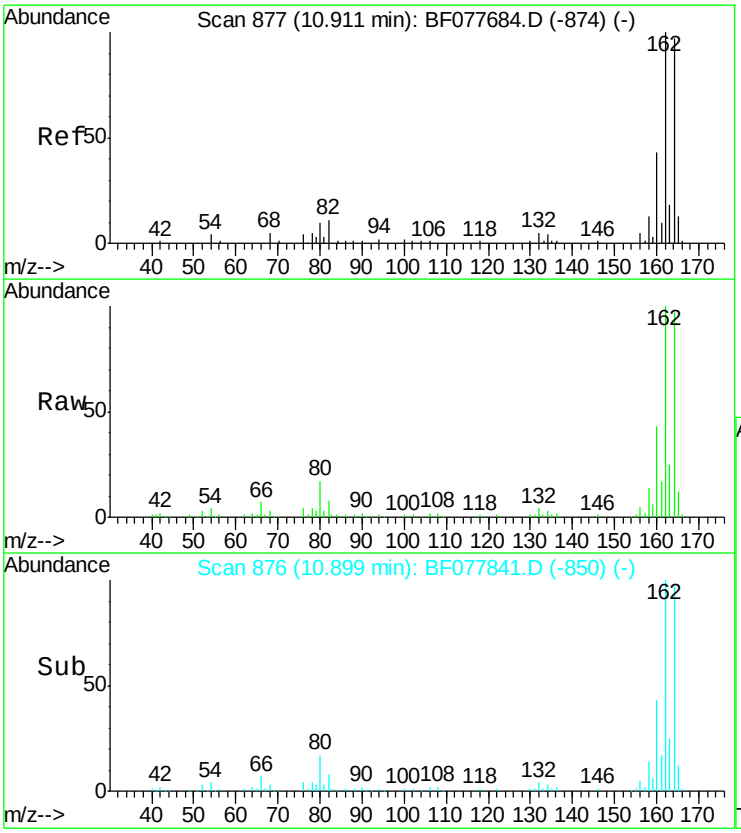
#23
Nitrobenzene-d5
Concen: 17.39 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 82 Resp: 40393

Ion	Ratio	Lower	Upper
82	100		
128	48.3	32.8	49.2
54	44.8	40.6	60.8

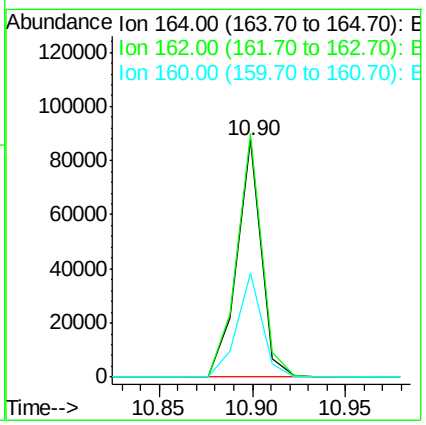


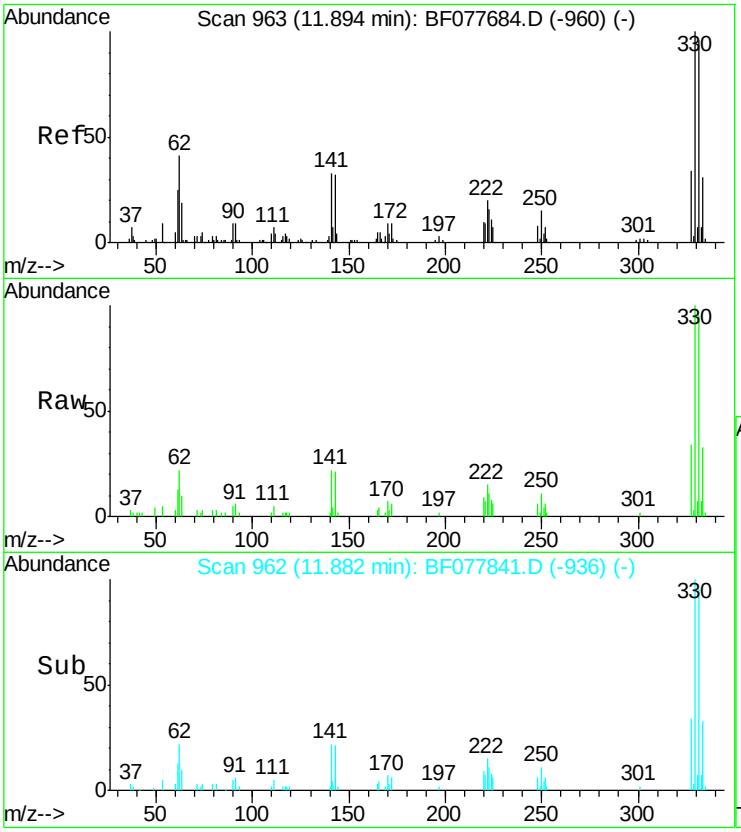


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Tgt Ion:164 Resp: 79858

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.4	123.6
160	44.1	35.8	53.6



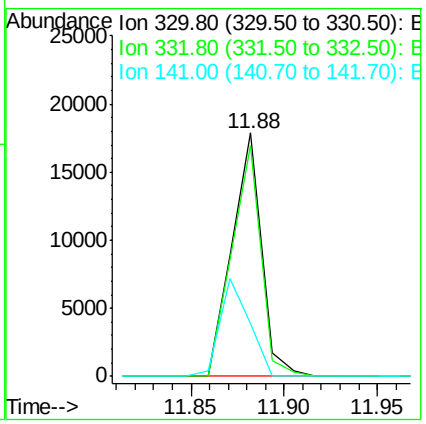


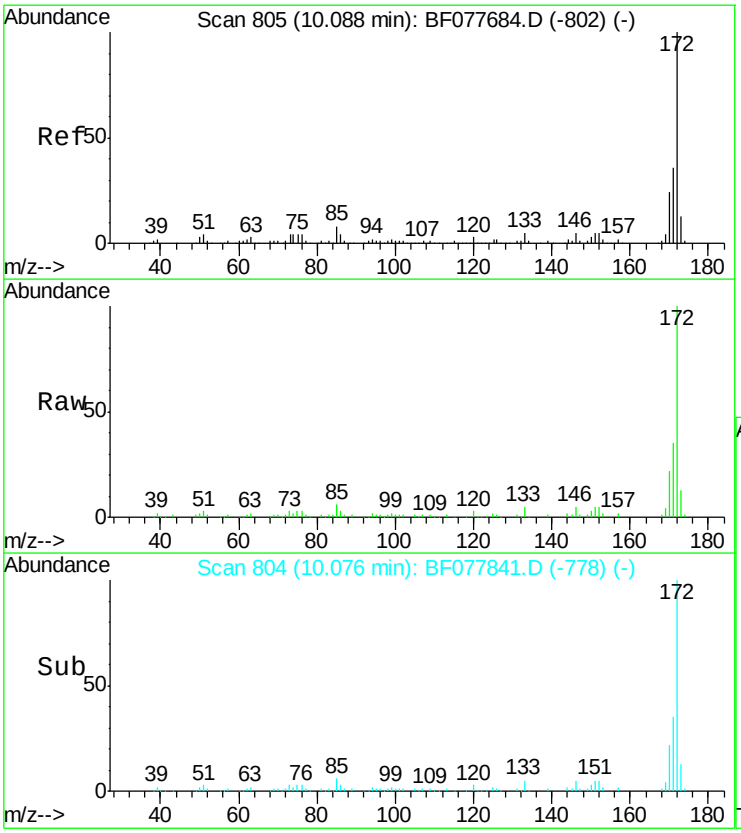
#41
2,4,6-Tribromophenol
Concen: 25.94 ng
RT: 11.88 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:330 Resp: 19818

Ion	Ratio	Lower	Upper
330	100		
332	93.8	0.0	0.0#
141	39.9	0.0	0.0#

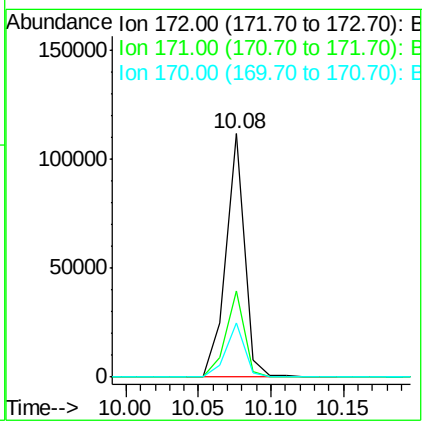


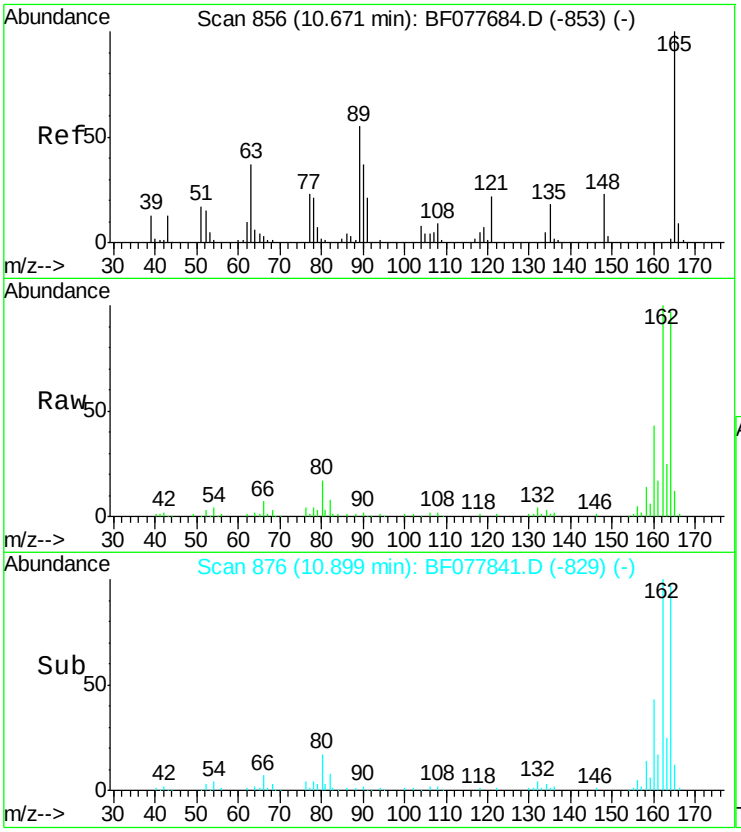


#44
2-Fluorobiphenyl
Concen: 18.43 ng
RT: 10.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Tgt Ion:172 Resp: 100132

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.4	18.8	28.2



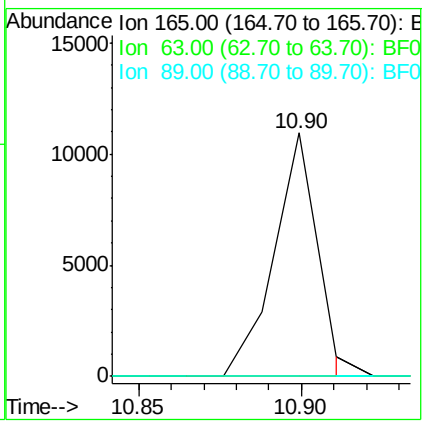


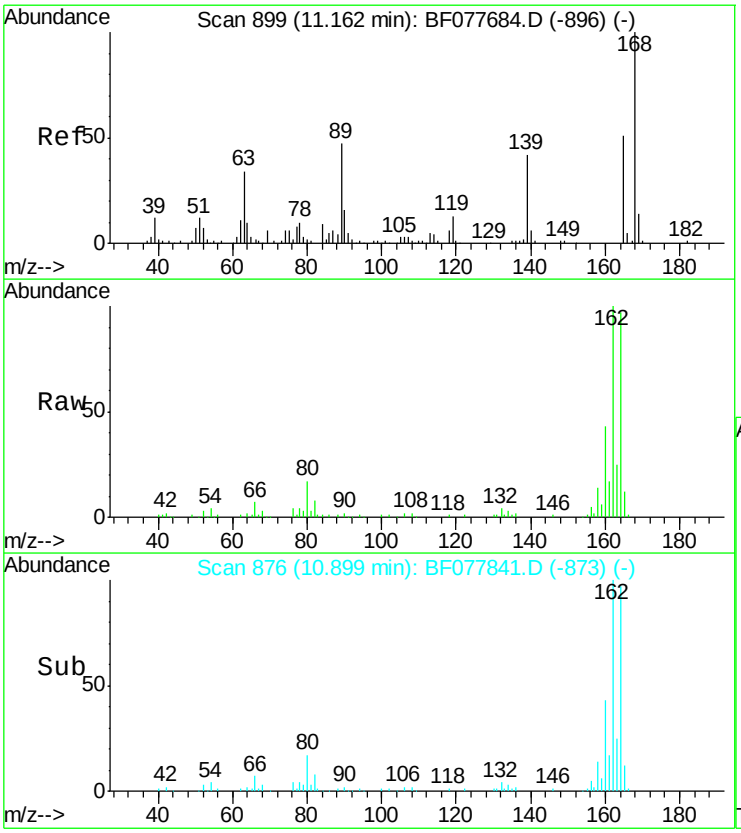
#50
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.24 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:165 Resp: 10138

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#

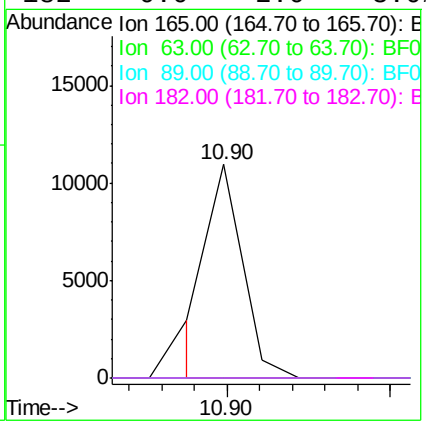


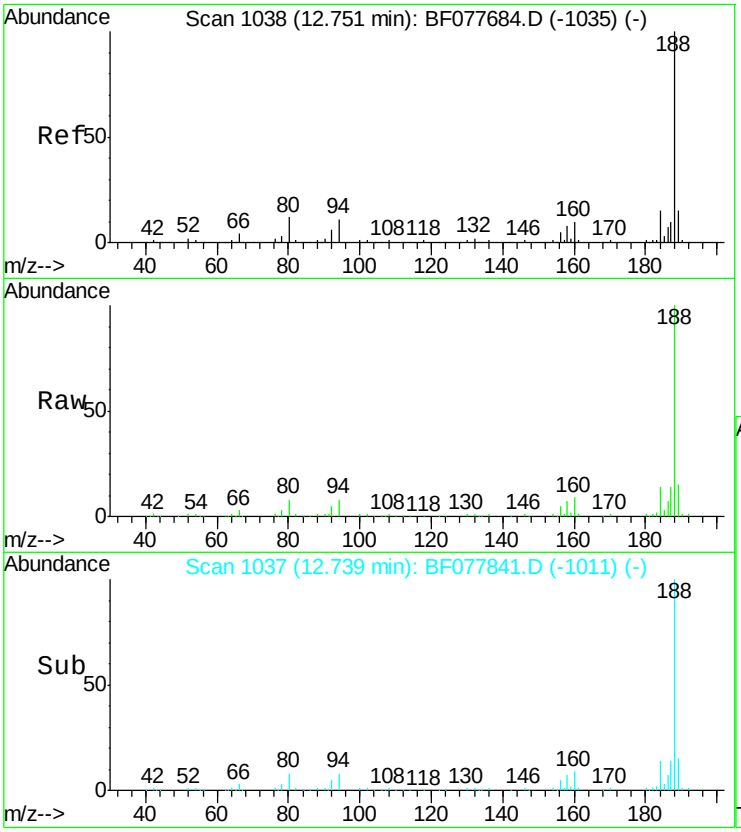


#56
2,4-Dinitrotoluene
Concen: 5.08 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.26 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Tgt Ion:165 Resp: 8132

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#



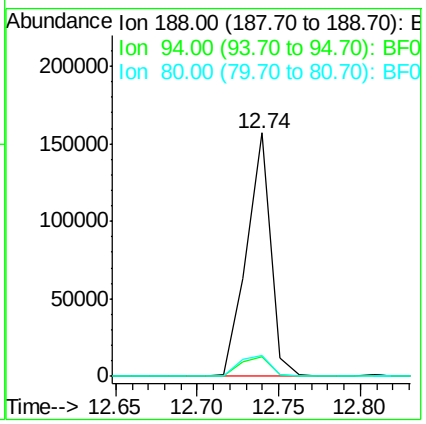


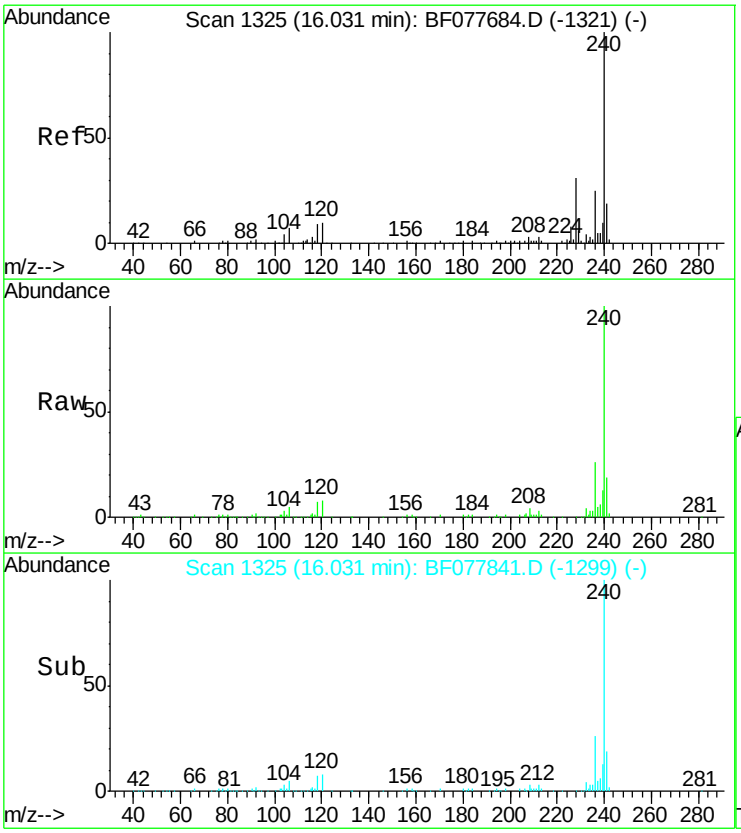
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:188 Resp: 160455

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.7	13.1#
80	8.5	9.3	13.9#

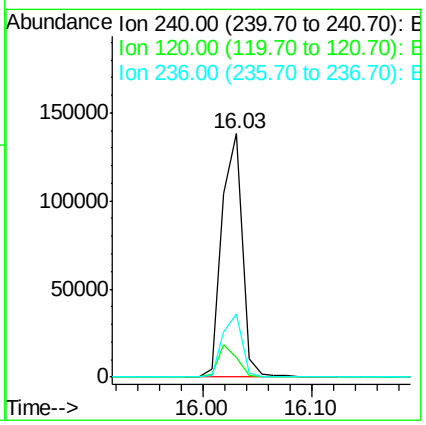


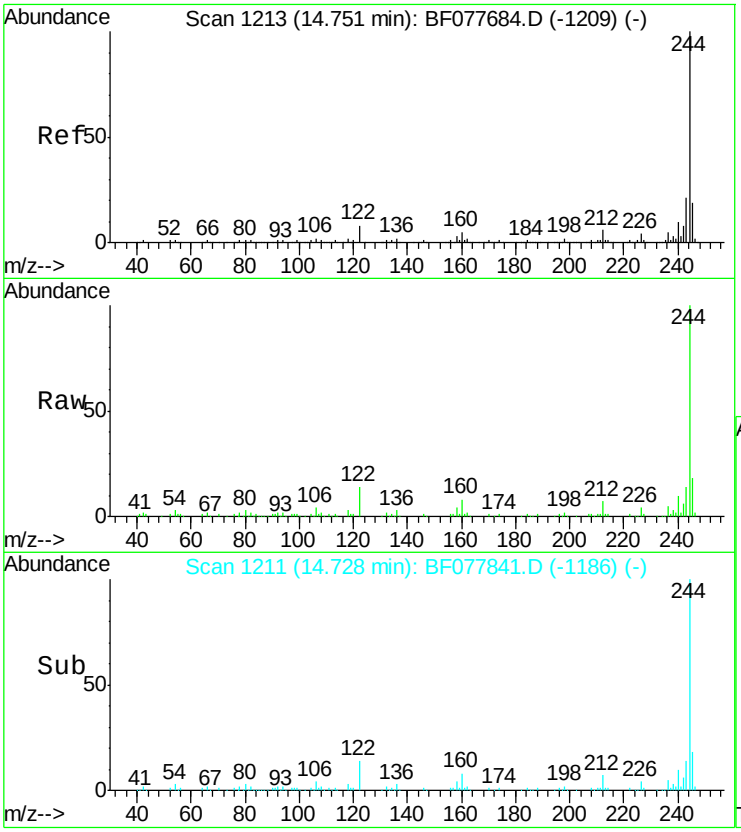


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Tgt Ion:240 Resp: 178934

Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	25.8	20.0	30.0



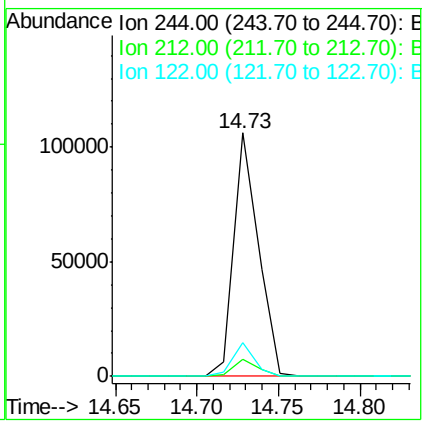


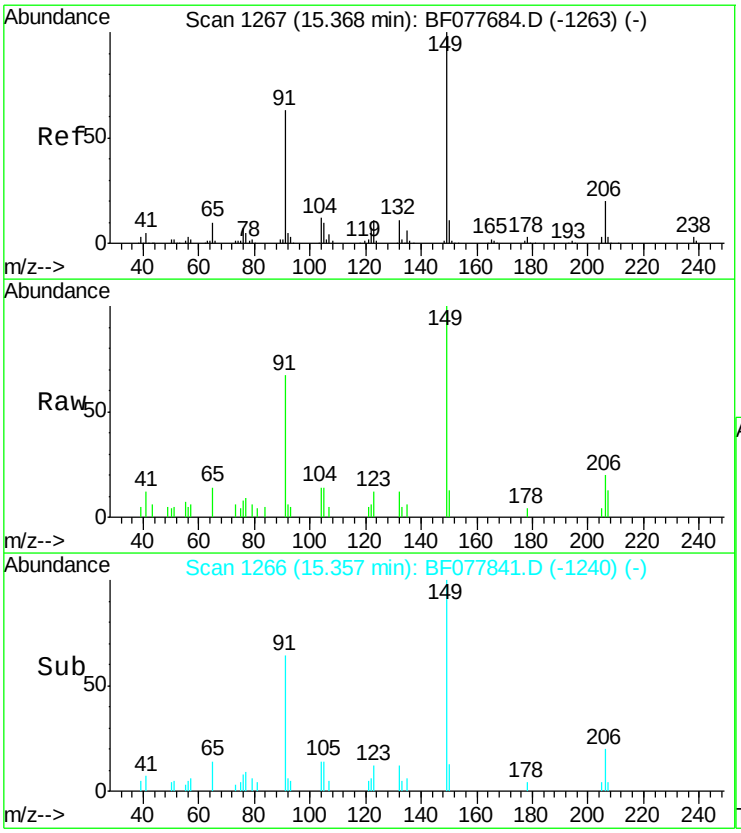
#78
Terphenyl-d14
Concen: 15.05 ng
RT: 14.73 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:244 Resp: 110217

Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	13.9	6.2	9.4#

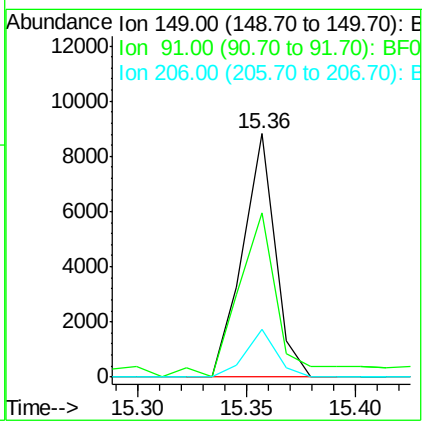


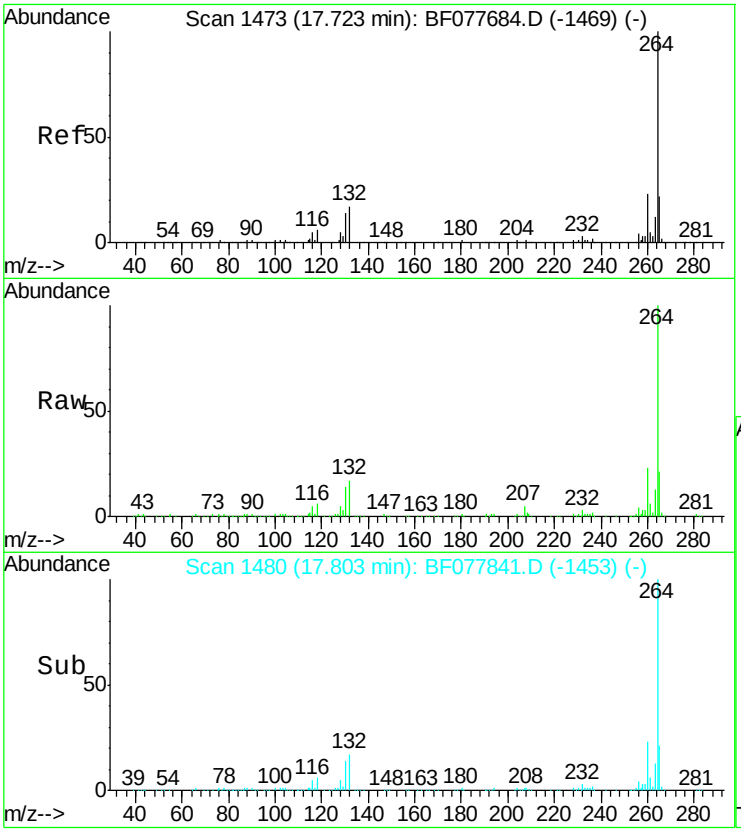


#79
Butylbenzylphthalate
Concen: 2.07 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Tgt Ion:149 Resp: 9183

Ion	Ratio	Lower	Upper
149	100		
91	67.2	50.1	75.1
206	19.7	16.2	24.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:264 Resp: 178810

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.1	17.3	25.9