Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
Data File : BF077817.D
Acq On : 19 Mar 2015 3:19
Operator : TP/IZ
Sample : G1560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-13

Quant Time: Mar 19 03:53:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 04:21:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	38149	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	150811	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	78730	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	160317	20.00	ng	0.00
75) Chrysene-d12	16.03	240	175785	20.00	ng	0.00
86) Perylene-d12	17.76	264	173289	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	150057	68.66	ng	0.01
7) Phenol-d6	6.73	99	119054	44.09	ng	0.00
23) Nitrobenzene-d5	7.85	82	215761	93.78	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	104380	138.57	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	487325	90.97	ng	0.00
78) Terphenyl-d14	14.74	244	567783	78.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.79	88	23360	23.54	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	27219	14.57	ng	# 83
50) 2,6-Dinitrotoluene	10.90	165	10053	8.31	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	10326	6.54	ng	# 11
76) Benzidine	14.44	184	232	Below Cal		# 1

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

Quantitation Report (Not Reviewed)

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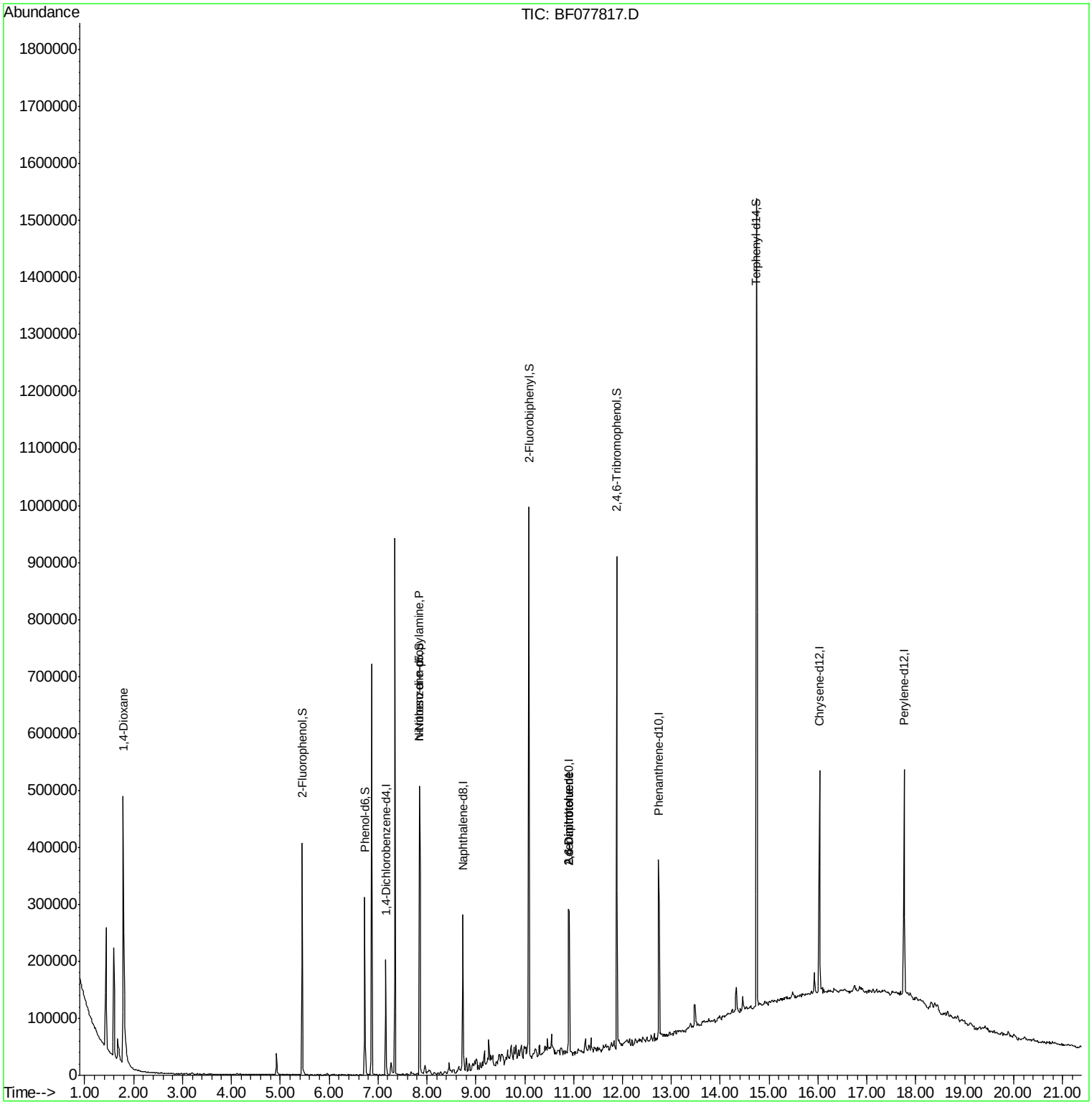
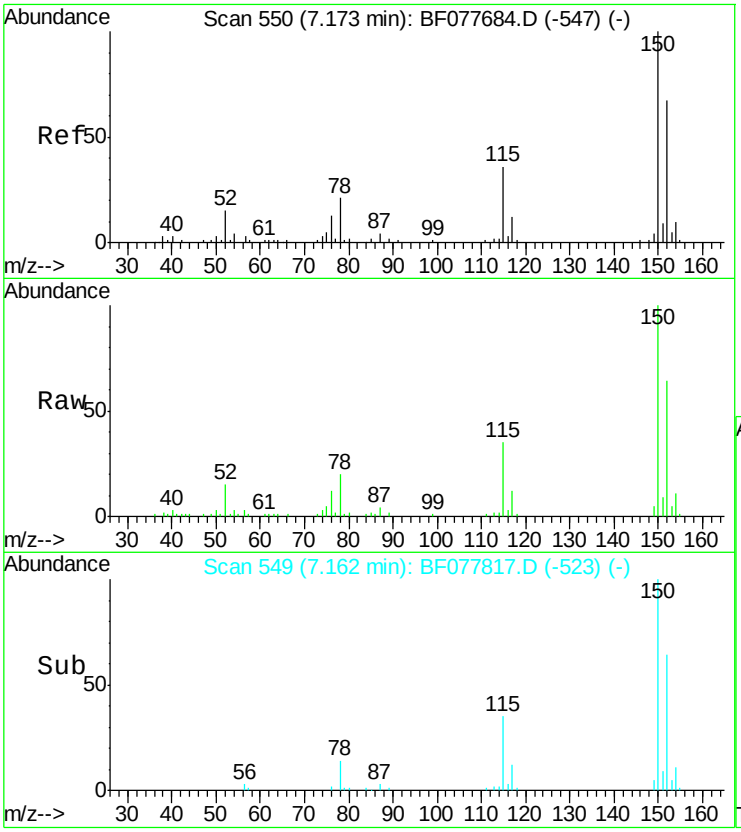


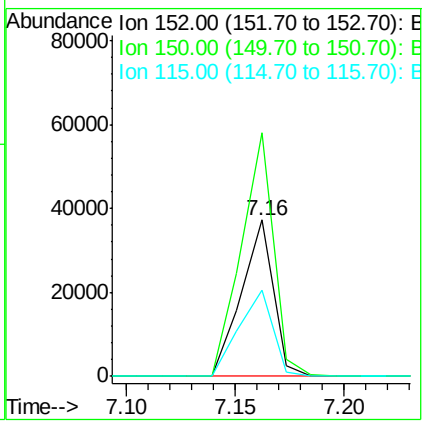


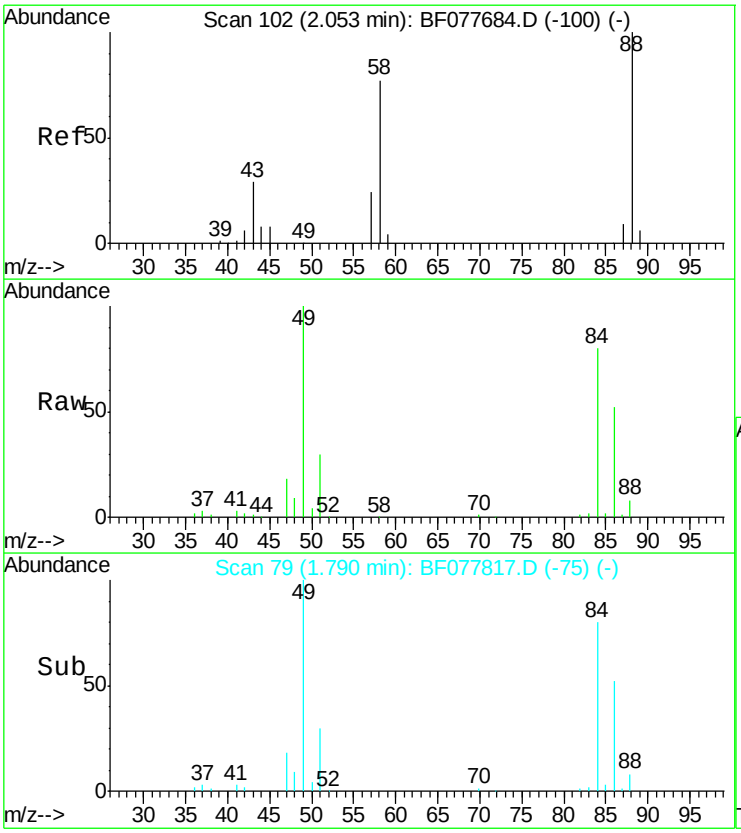
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:152 Resp: 38149

Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.5	179.3
115	54.9	43.0	64.4

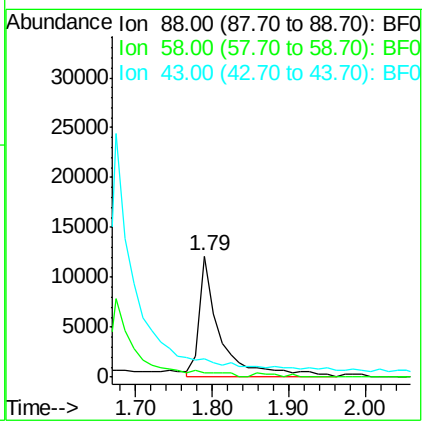


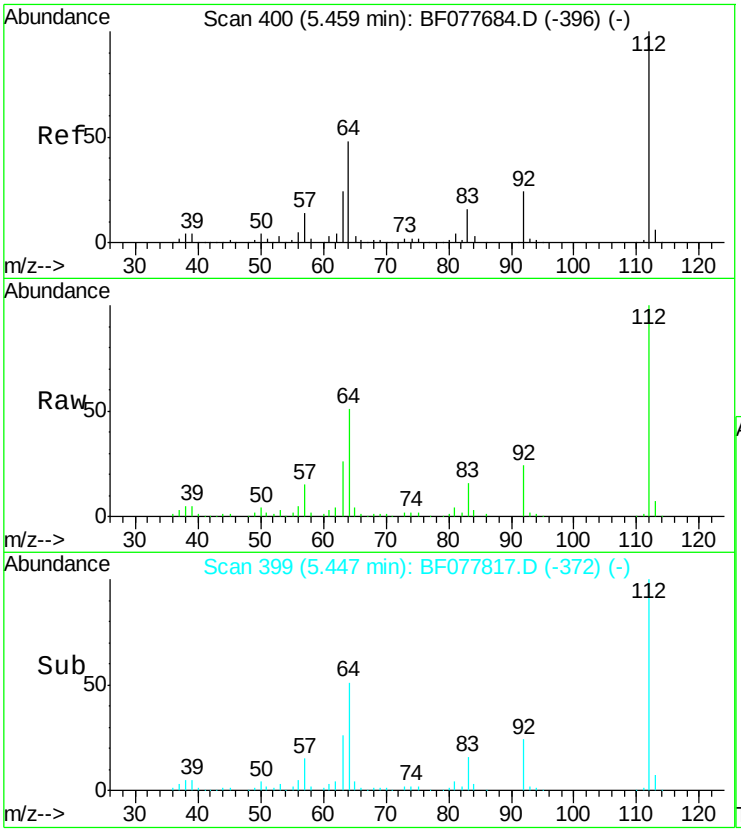


#2
1,4-Dioxane
Concen: 23.54 ng
RT: 1.79 min Scan# 79
Delta R.T. -0.25 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Tgt Ion: 88 Resp: 23360

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



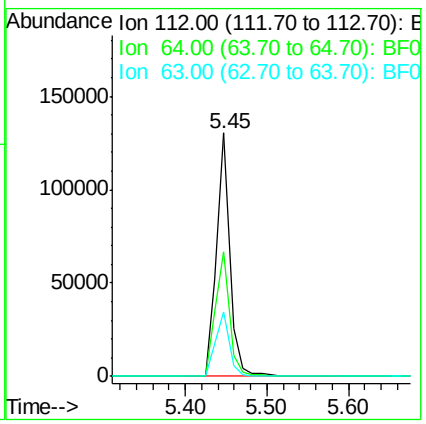


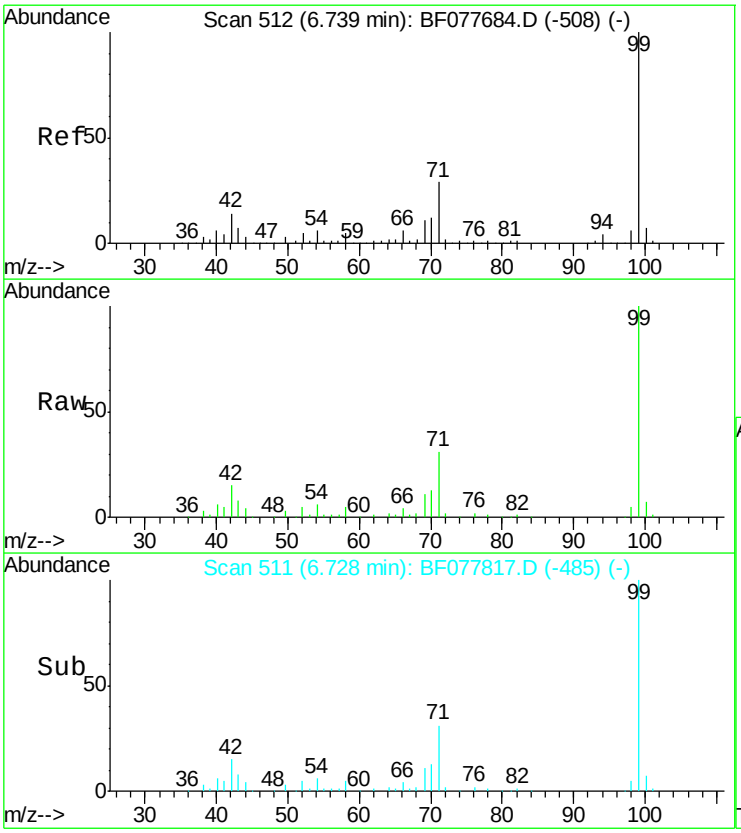
#5
2-Fluorophenol
Concen: 68.66 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:112 Resp: 150057

Ion	Ratio	Lower	Upper
112	100		
64	51.0	38.6	57.8
63	26.3	19.3	28.9

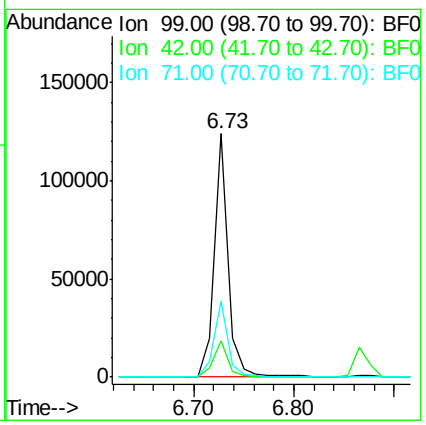


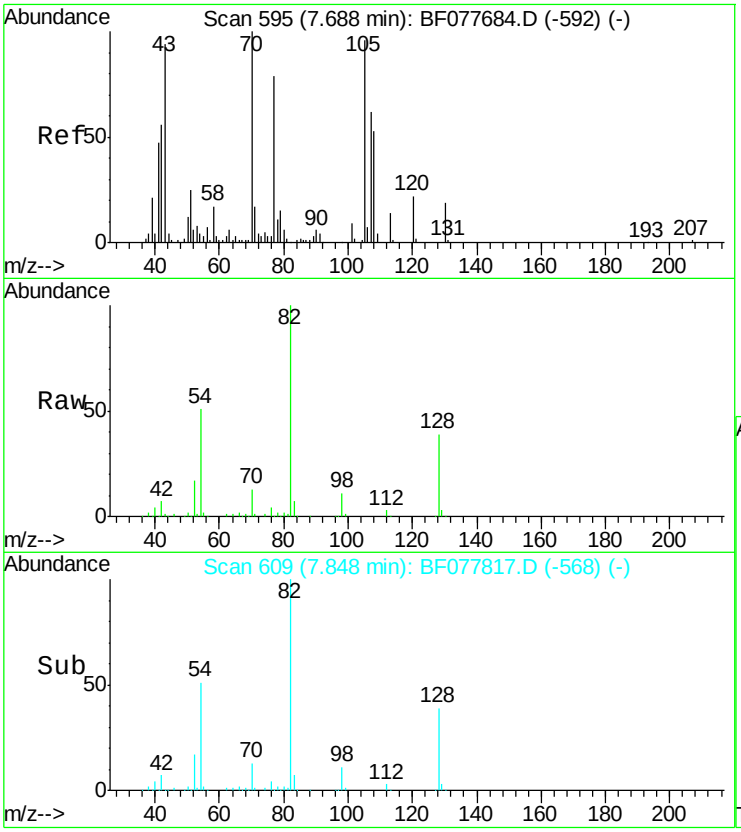


#7
Phenol-d6
Concen: 44.09 ng
RT: 6.73 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Tgt Ion: 99 Resp: 119054

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.0	16.4
71	31.1	23.4	35.2



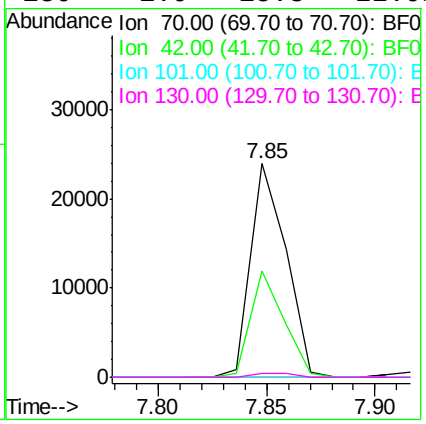


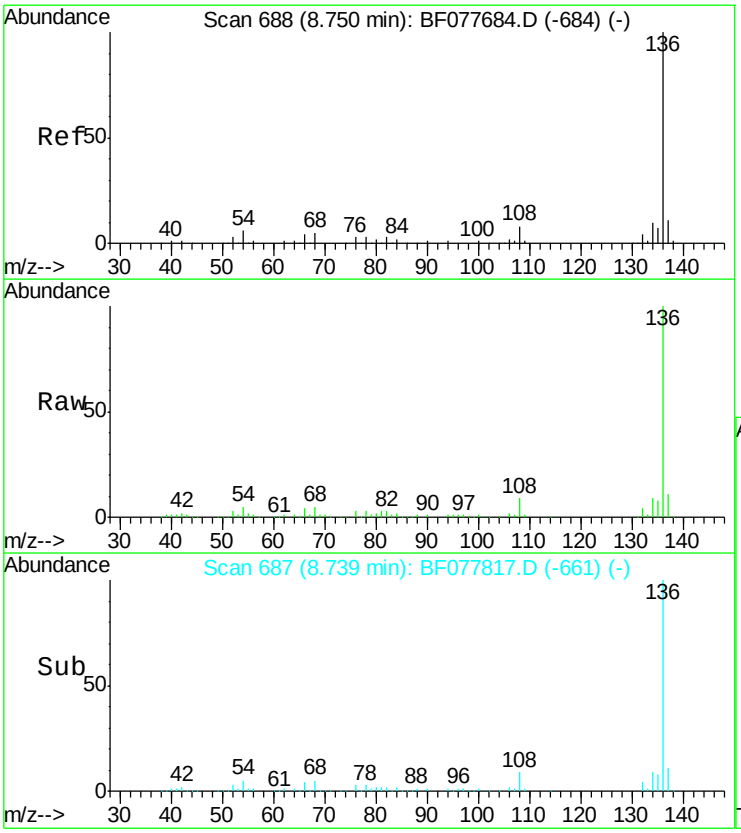
#19
n-Nitroso-di-n-propylamine
Concen: 14.57 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion: 70 Resp: 27219

Ion	Ratio	Lower	Upper
70	100		
42	49.8	44.5	66.7
101	0.0	7.4	11.2#
130	1.9	15.3	22.9#

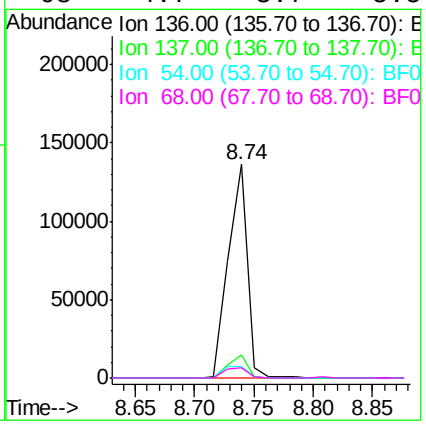


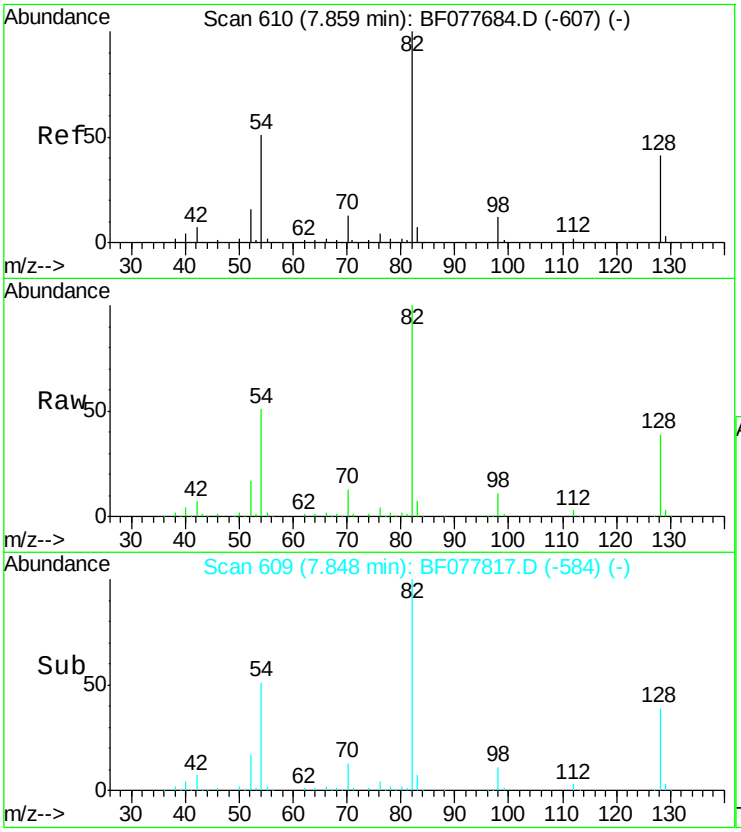


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Tgt Ion:136 Resp: 150811

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.5	4.6	6.8
68	4.7	3.7	5.5



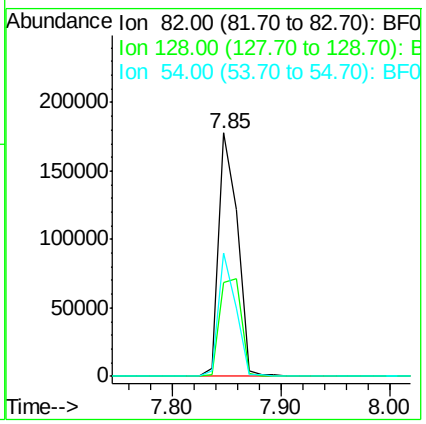


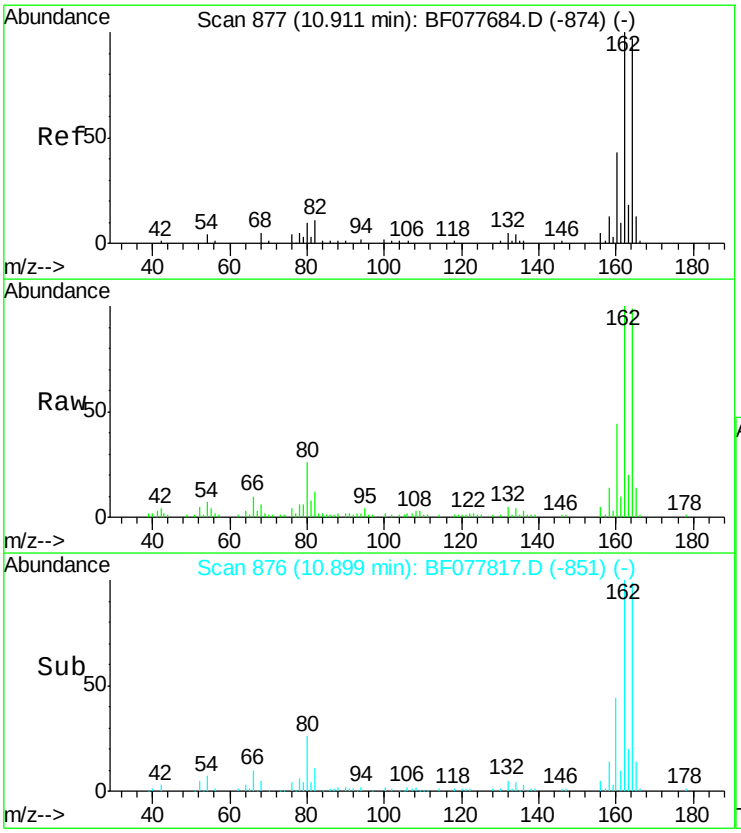
#23
Nitrobenzene-d5
Concen: 93.78 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion: 82 Resp: 215761

Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.8	49.2
54	50.8	40.6	60.8

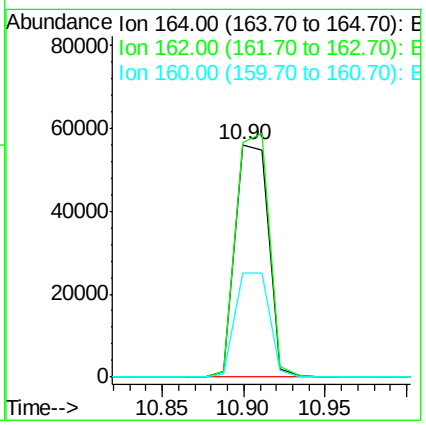


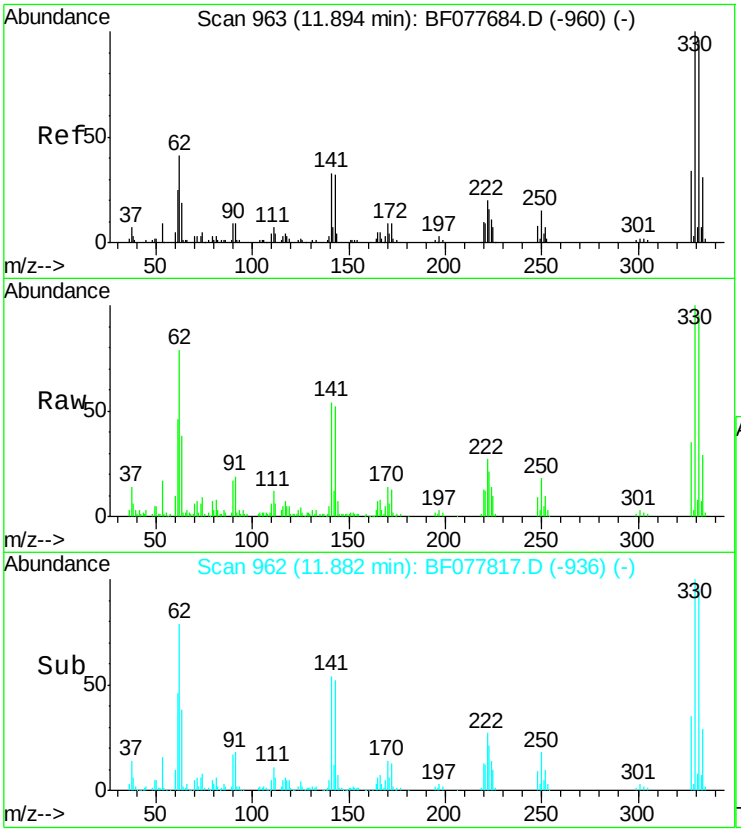


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Tgt Ion:164 Resp: 78730

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.4	123.6
160	44.8	35.8	53.6



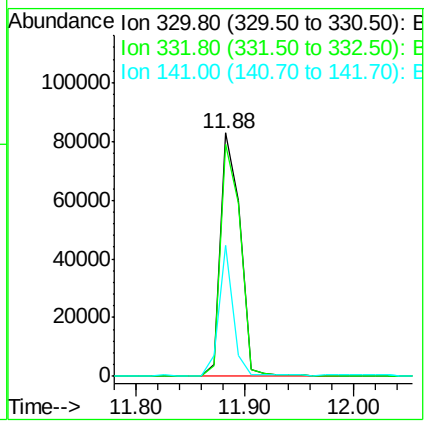


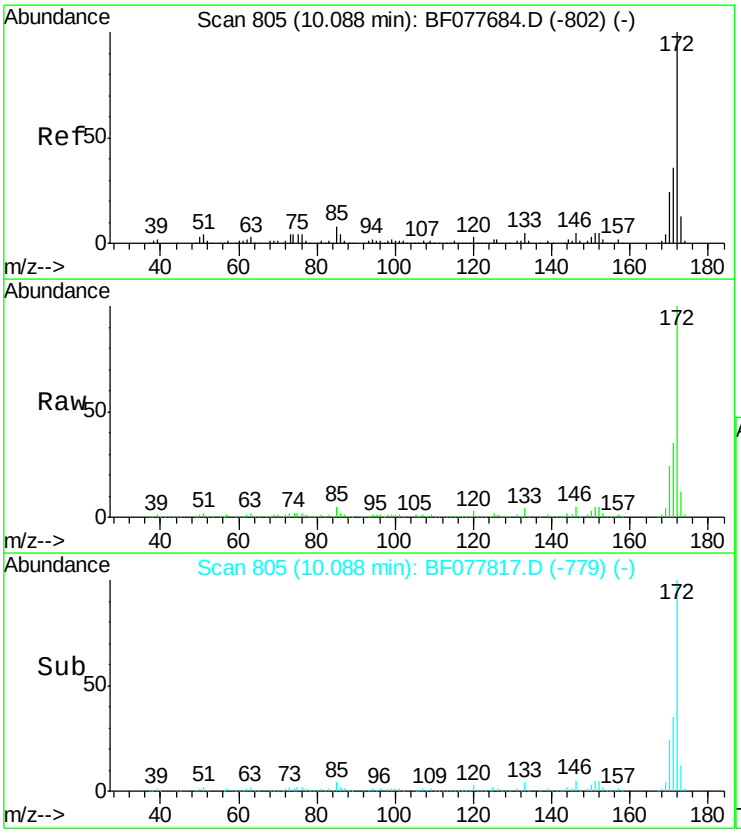
#41
2,4,6-Tribromophenol
Concen: 138.57 ng
RT: 11.88 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:330 Resp: 104380

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	40.8	0.0	0.0#

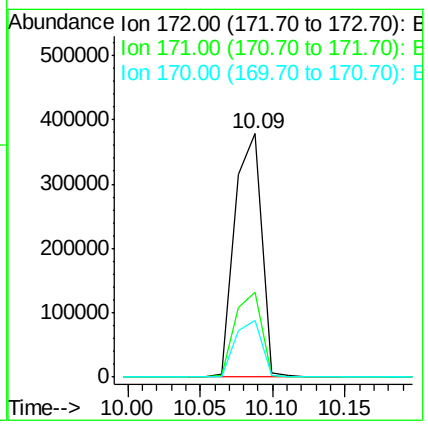


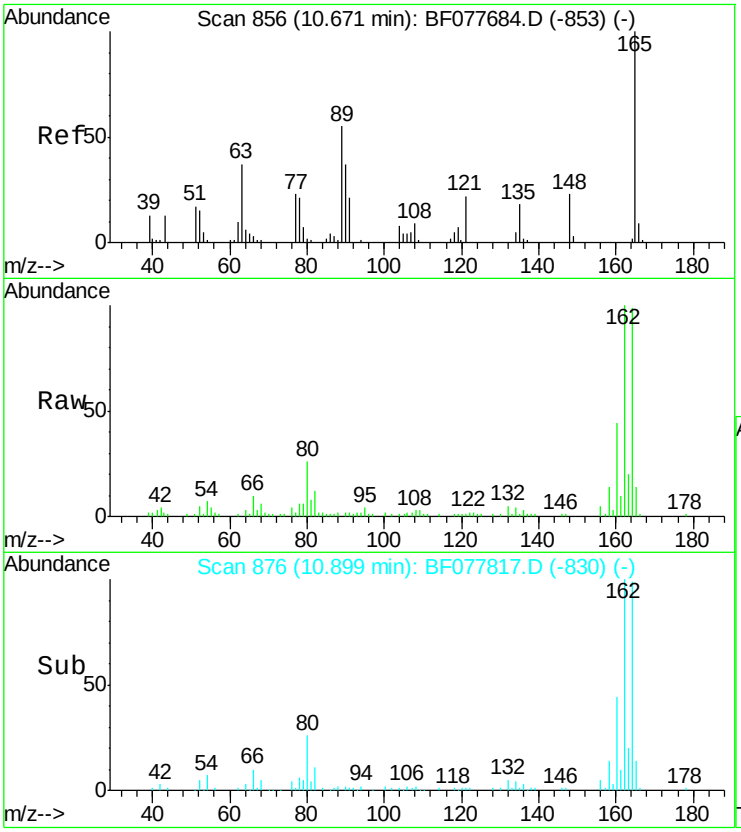


#44
2-Fluorobiphenyl
Concen: 90.97 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Tgt Ion:172 Resp: 487325

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.5	18.8	28.2



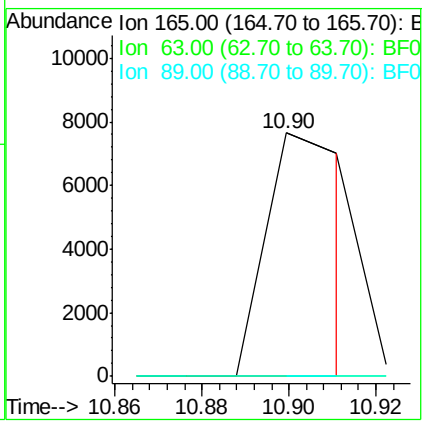


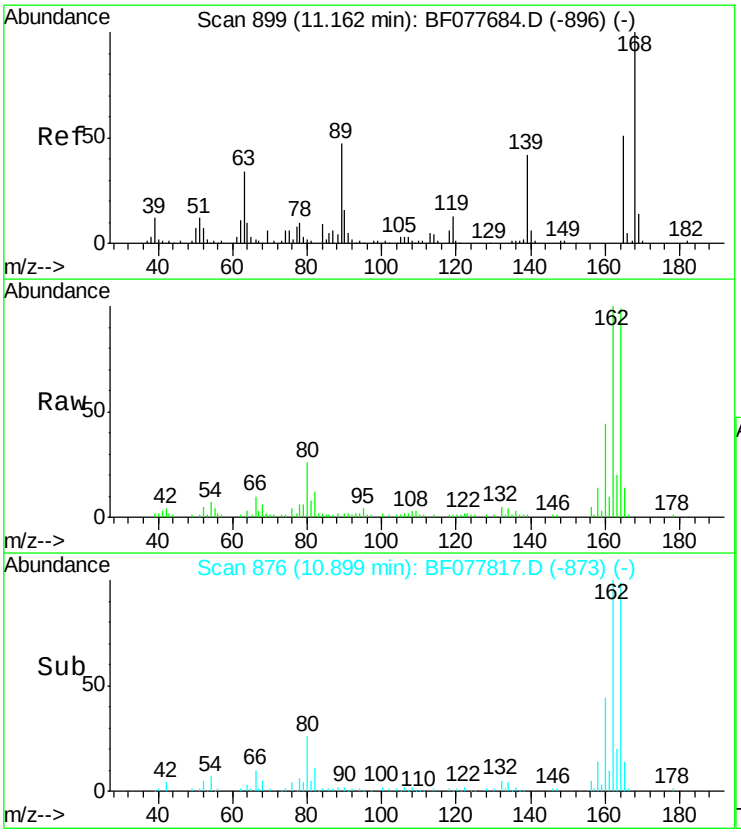
#50
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.23 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:165 Resp: 10053

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

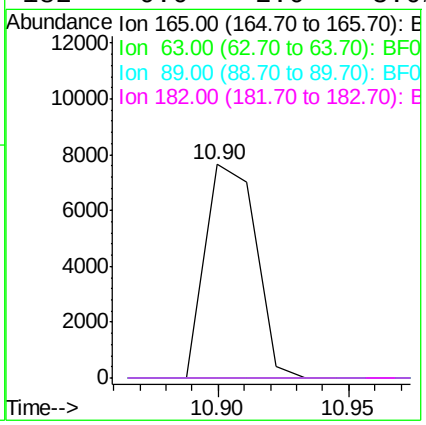


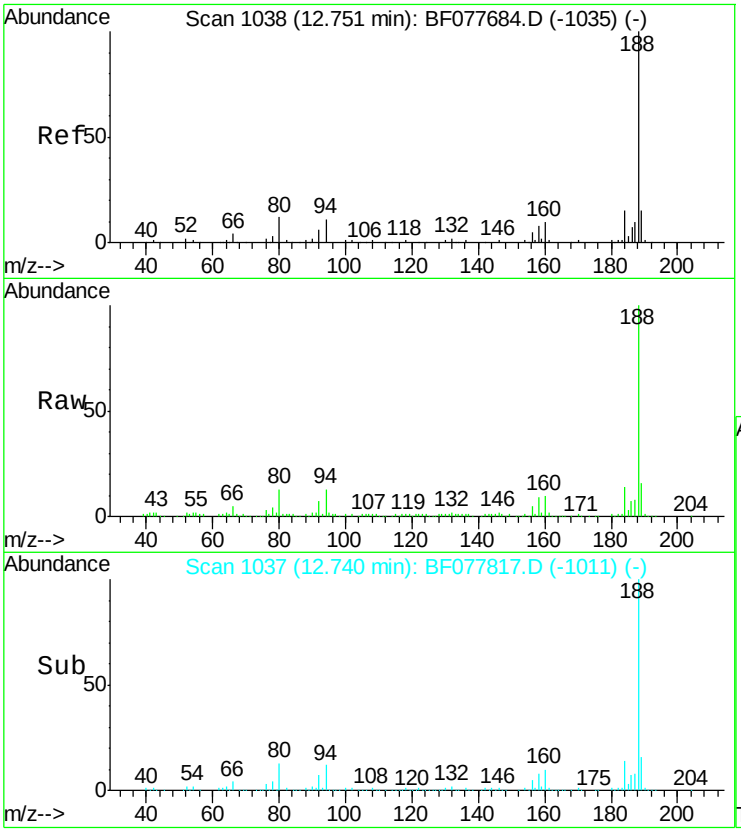


#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.26 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Tgt Ion:165 Resp: 10326

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#



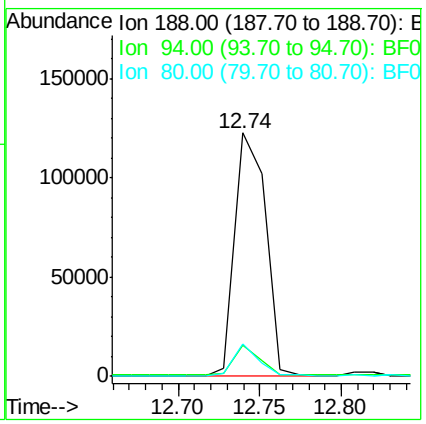


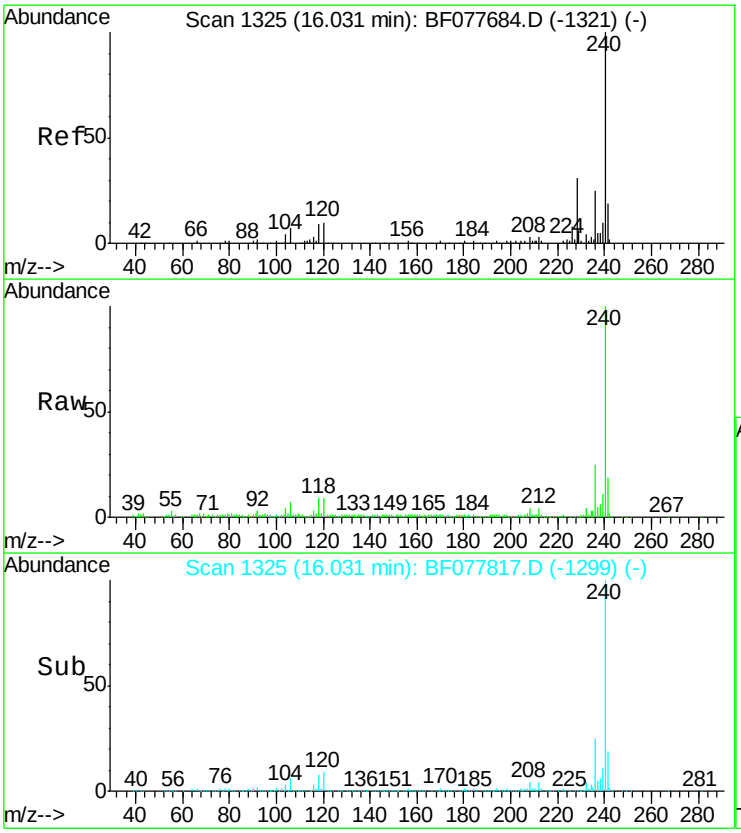
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:188 Resp: 160317

Ion	Ratio	Lower	Upper
188	100		
94	12.8	8.7	13.1
80	13.2	9.3	13.9

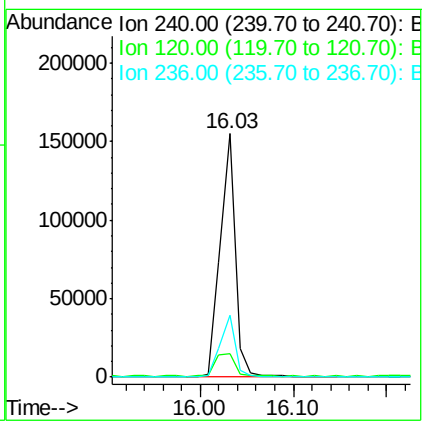


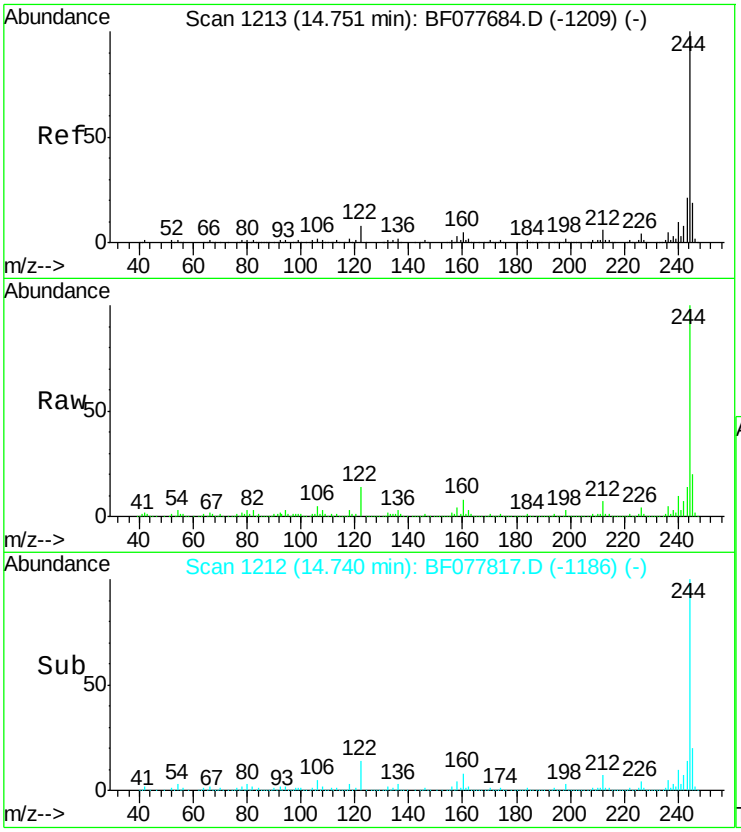


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Tgt Ion:240 Resp: 175785

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.2	20.0	30.0



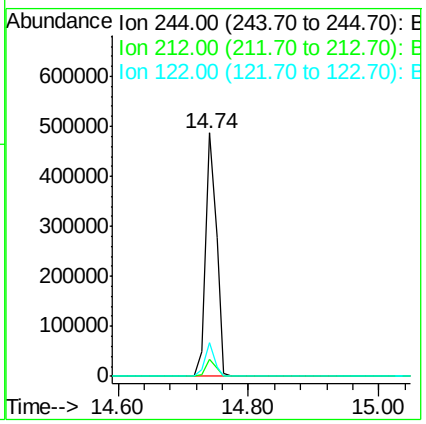


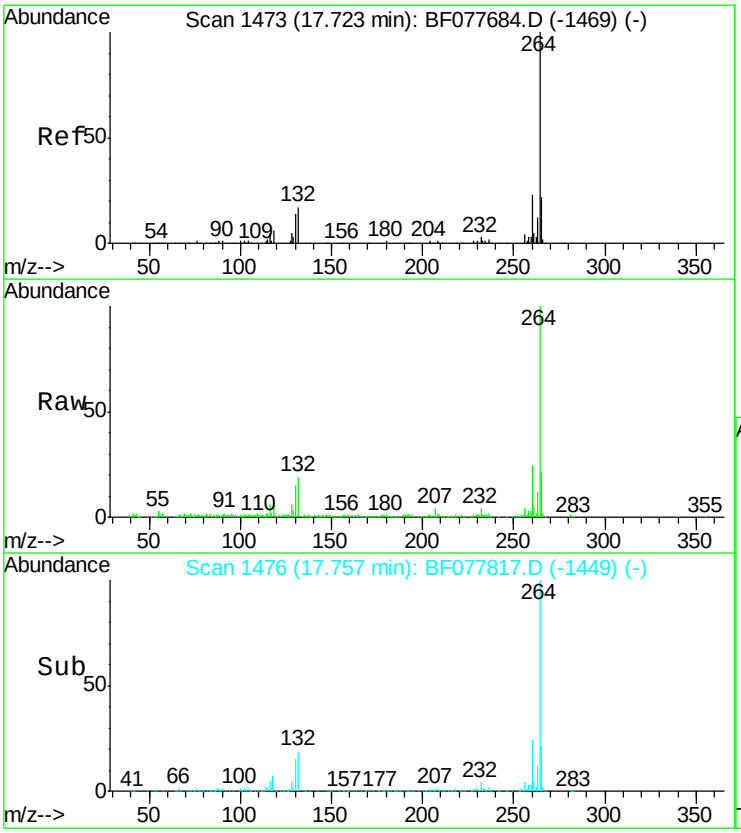
#78
Terphenyl-d14
Concen: 78.90 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:244 Resp: 567783

Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	14.0	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Tgt Ion:264 Resp: 173289

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	20.8	17.3	25.9