Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077948.D
Acq On : 25 Mar 2015 10:45
Operator : TP/IZ
Sample : G1613-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14

Quant Time: Mar 25 11:24:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 11:05:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	43488	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	183894	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	91087	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	174083	20.00	ng	0.01
75) Chrysene-d12	15.97	240	192799	20.00	ng	-0.01
86) Perylene-d12	17.70	264	191694	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	220918	88.67	ng	0.01
7) Phenol-d6	6.70	99	289604	94.08	ng	0.01
23) Nitrobenzene-d5	7.81	82	162476	57.92	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	71649	82.21	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	367944	59.36	ng	0.00
78) Terphenyl-d14	14.69	244	428696	54.31	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.81	70	21145	9.93	ng	# 81
49) Dimethylphthalate	10.56	163	21766	3.22	ng	# 96
50) 2,6-Dinitrotoluene	10.87	165	11984	8.56	ng	# 24
56) 2,4-Dinitrotoluene	10.87	165	11985	6.56	ng	# 11
62) Azobenzene	11.77	77	27048	4.30	ng	# 1
76) Benzidine	14.40	184	1179	Below Cal		# 68
83) Bis(2-ethylhexyl)phthalate	16.03	149	16346	2.26	ng	# 97

(#) = 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
QLast Update : Wed Mar 25 11:05:58 2015
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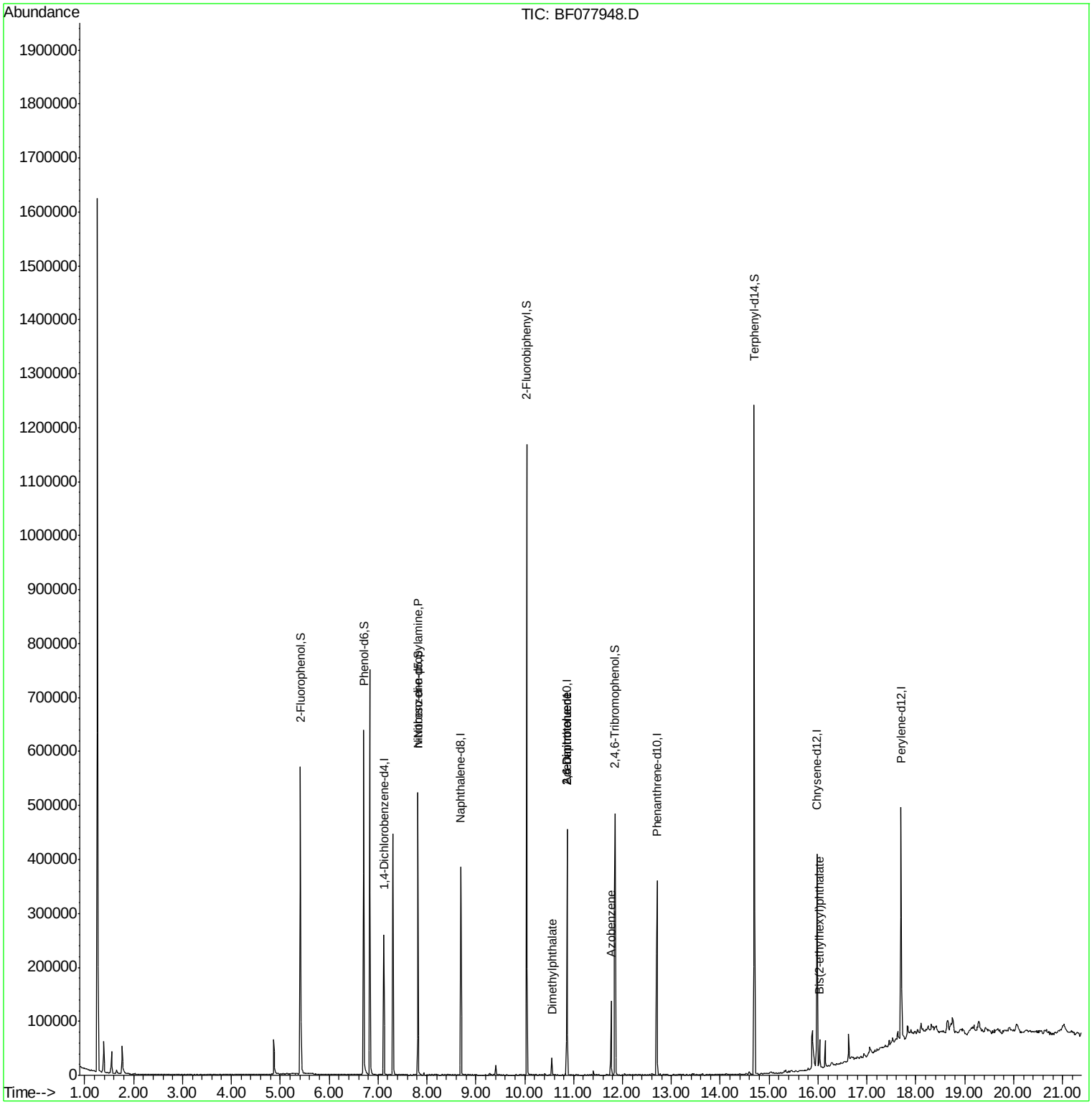
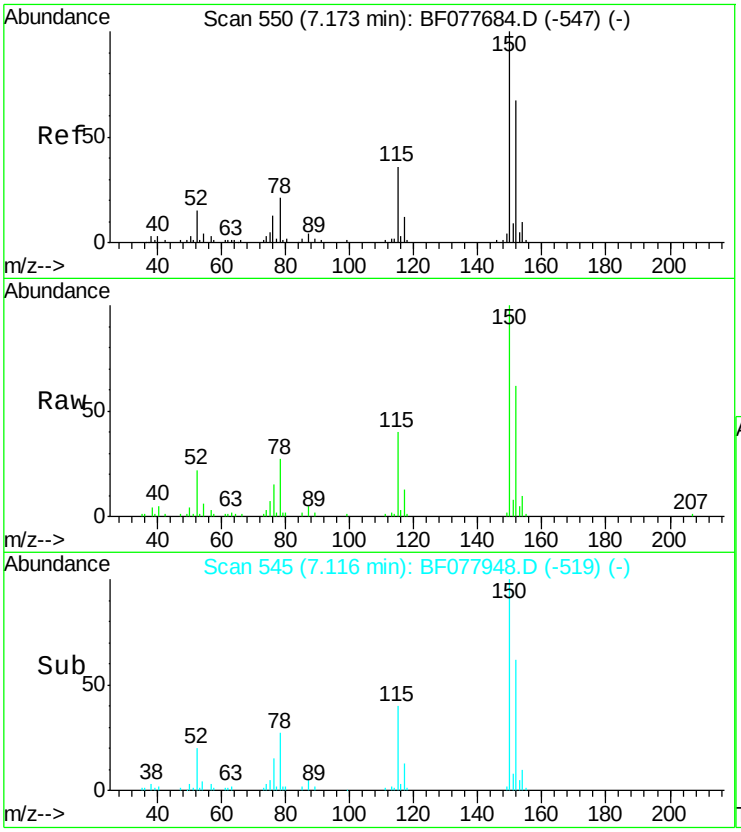


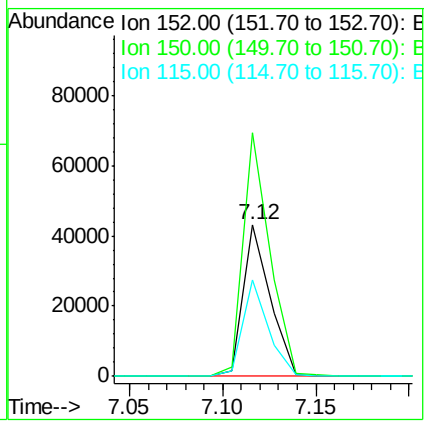


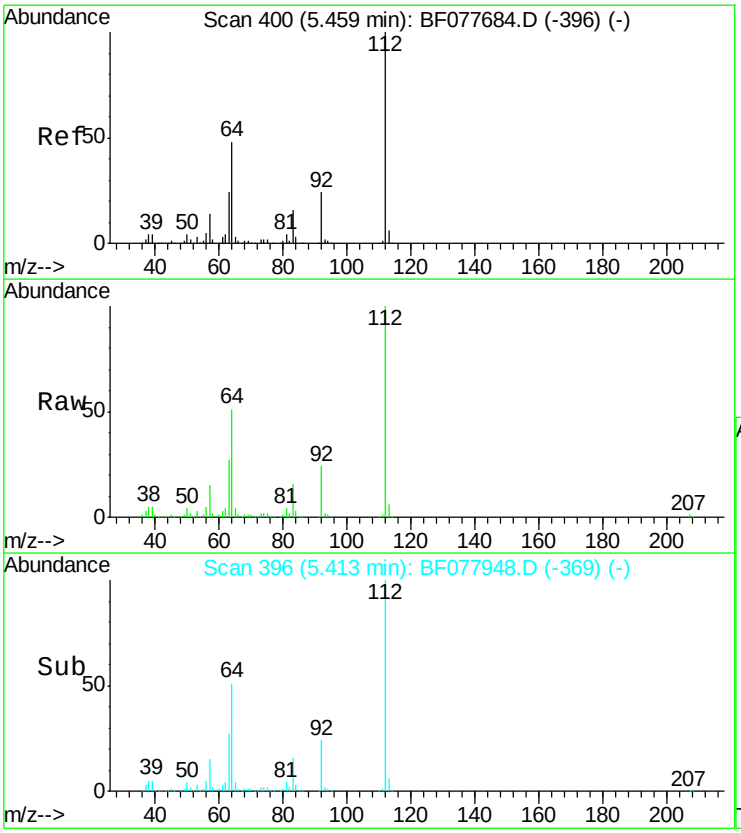
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:152 Resp: 43488

Ion	Ratio	Lower	Upper
152	100		
150	160.2	119.5	179.3
115	63.8	43.0	64.4

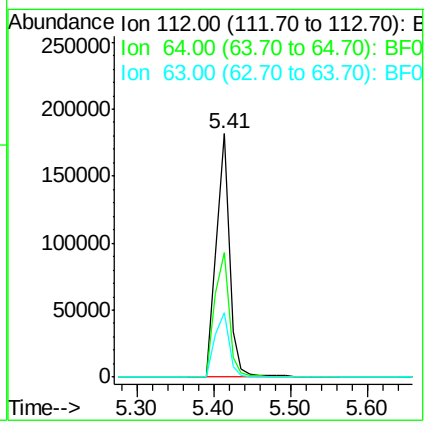


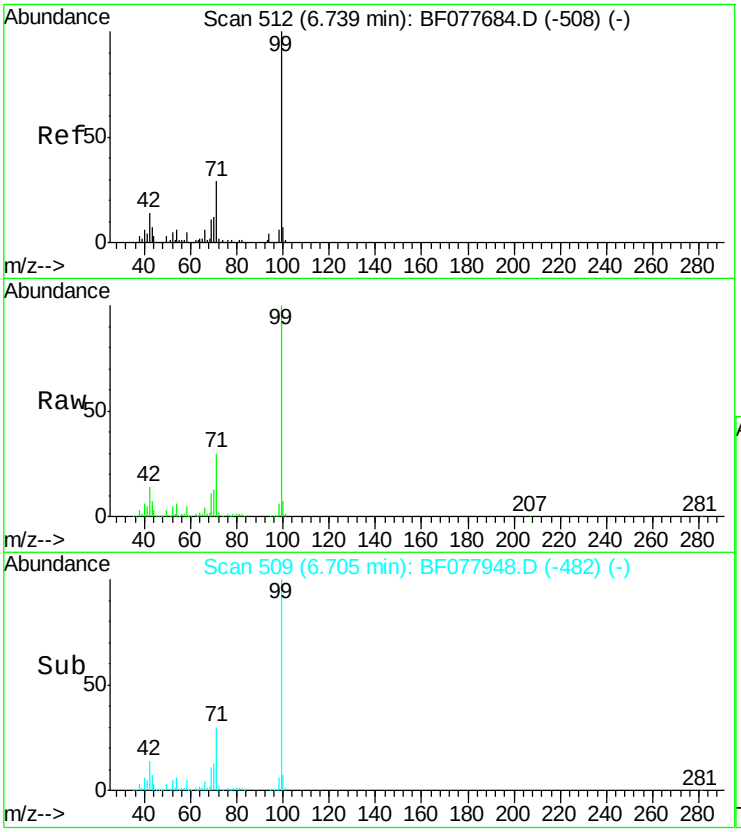


#5
2-Fluorophenol
Concen: 88.67 ng
RT: 5.41 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Tgt Ion:112 Resp: 220918

Ion	Ratio	Lower	Upper
112	100		
64	51.2	38.6	57.8
63	26.6	19.3	28.9



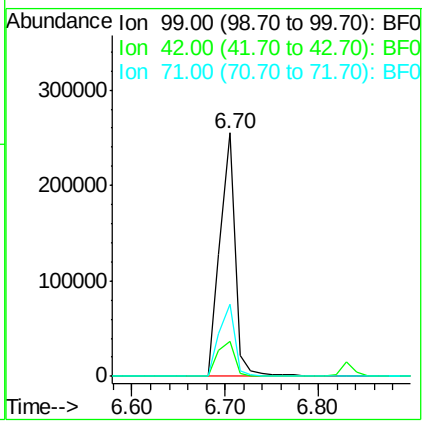


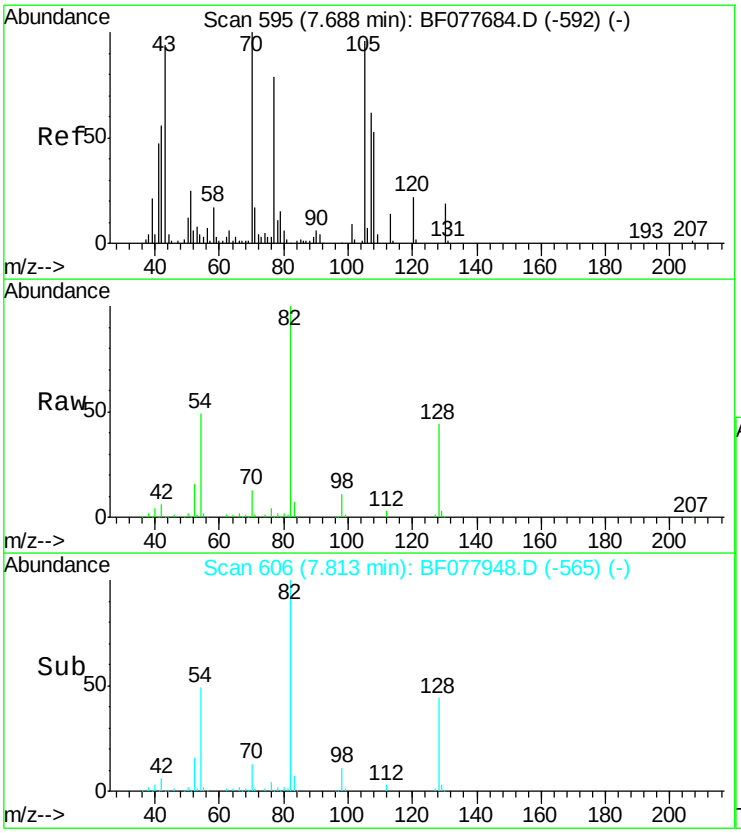
#7
Phenol-d6
Concen: 94.08 ng
RT: 6.70 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion: 99 Resp: 289604

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.0	16.4
71	29.8	23.4	35.2

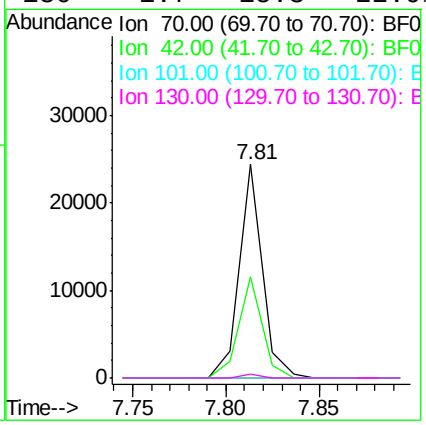


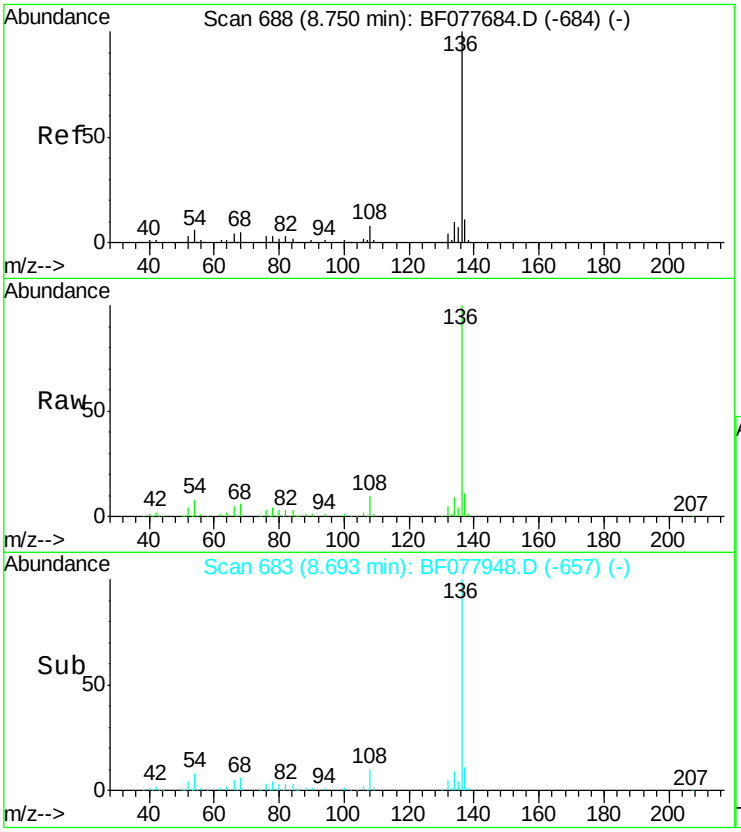


#19
n-Nitroso-di-n-propylamine
Concen: 9.93 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Tgt Ion: 70 Resp: 21145

Ion	Ratio	Lower	Upper
70	100		
42	47.6	44.5	66.7
101	0.0	7.4	11.2#
130	1.7	15.3	22.9#



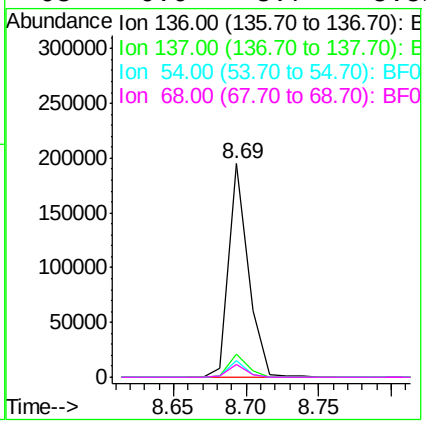


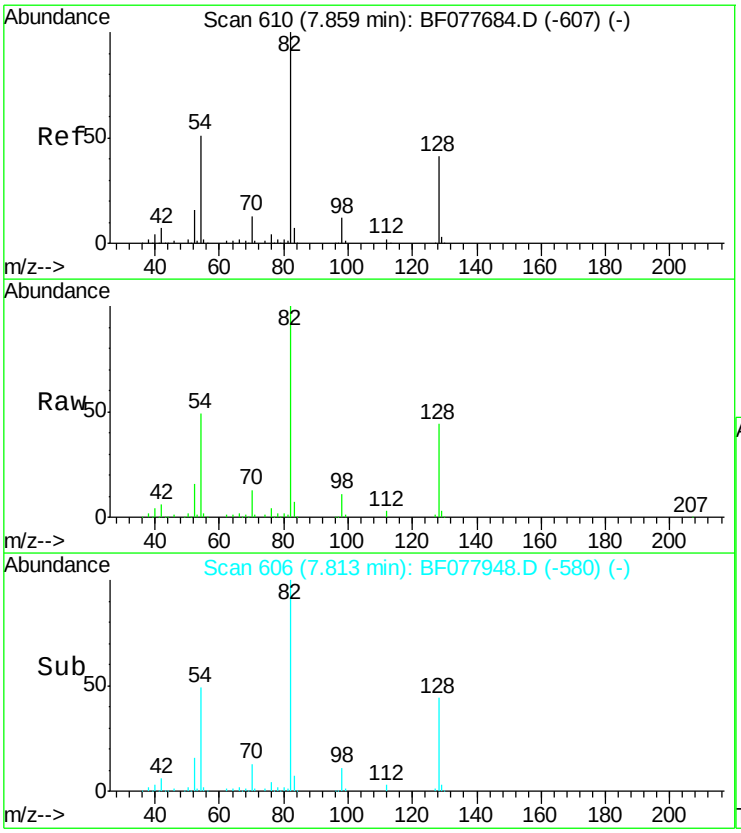
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:136 Resp: 183894

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.8	4.6	6.8#
68	6.0	3.7	5.5#

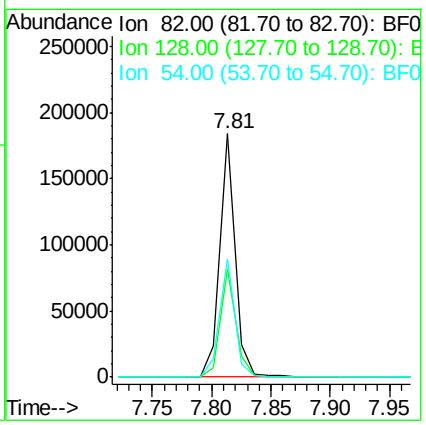


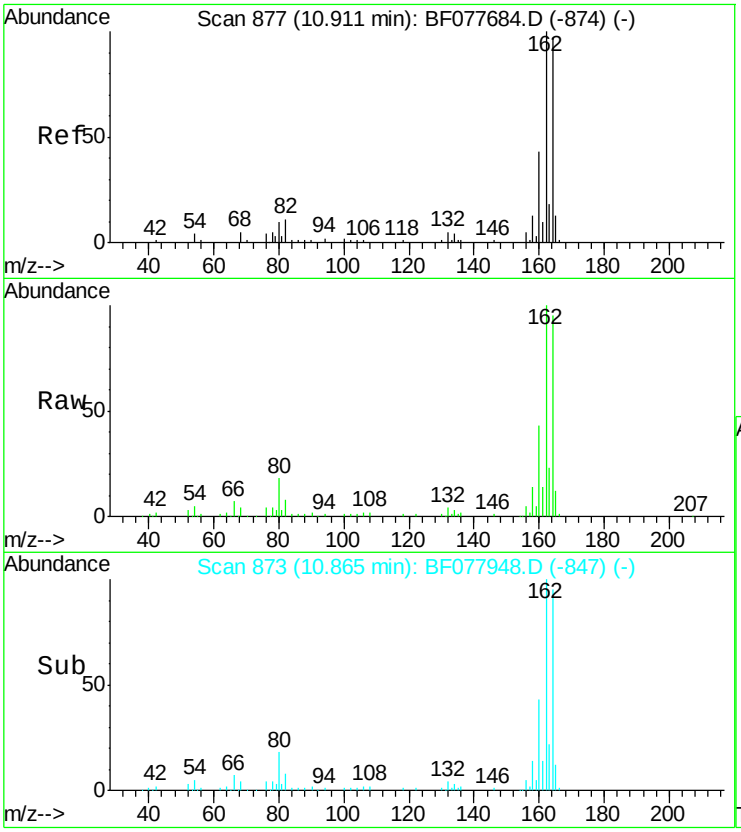


#23
Nitrobenzene-d5
Concen: 57.92 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Tgt Ion: 82 Resp: 162476

Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.8	49.2
54	48.5	40.6	60.8



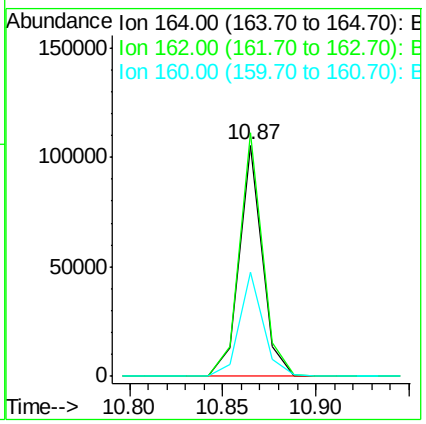


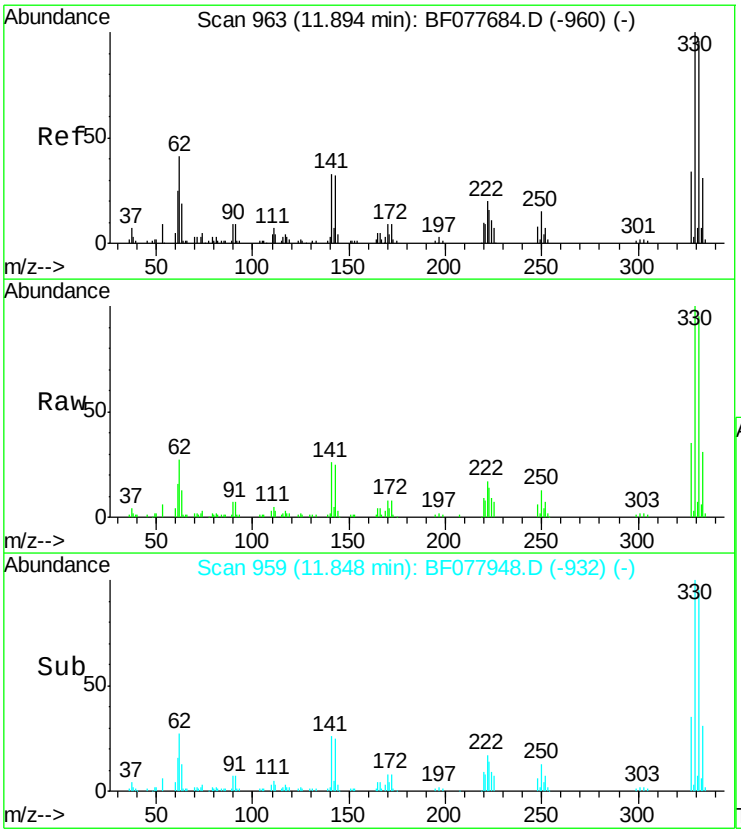
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:164 Resp: 91087

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.4	123.6
160	45.2	35.8	53.6

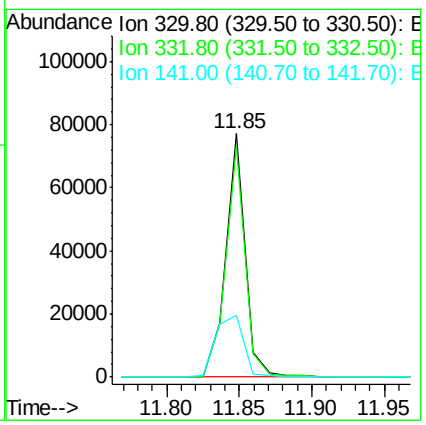


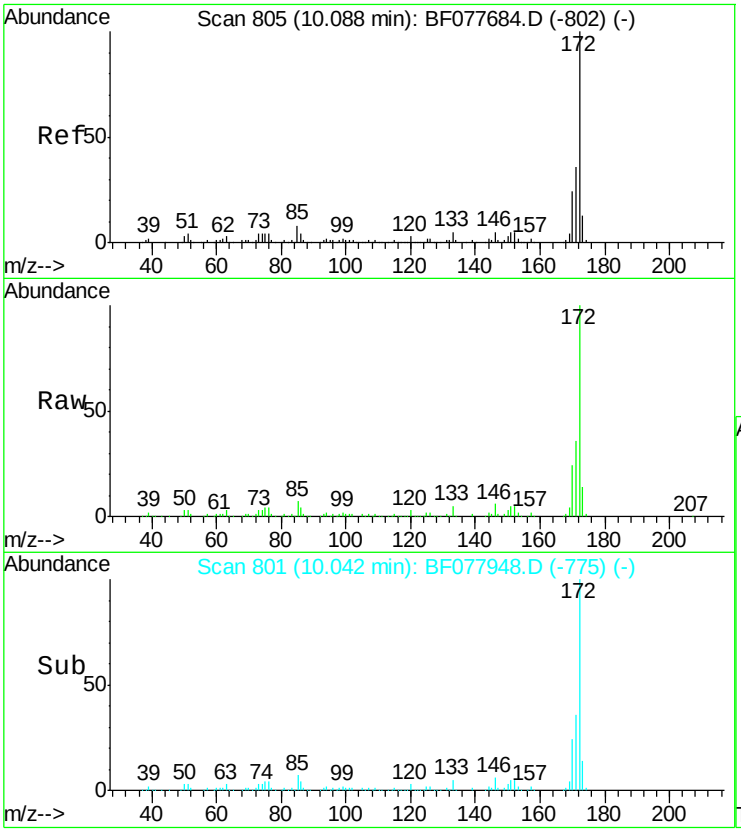


#41
2,4,6-Tribromophenol
Concen: 82.21 ng
RT: 11.85 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Tgt Ion:330 Resp: 71649

Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	36.6	0.0	0.0#



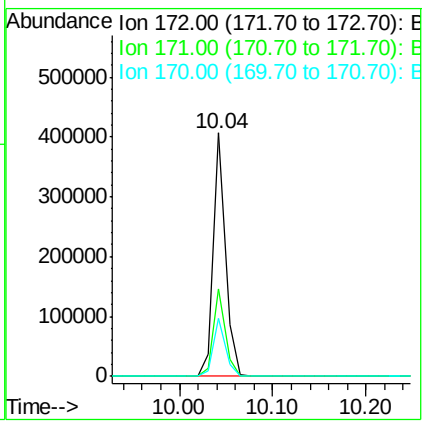


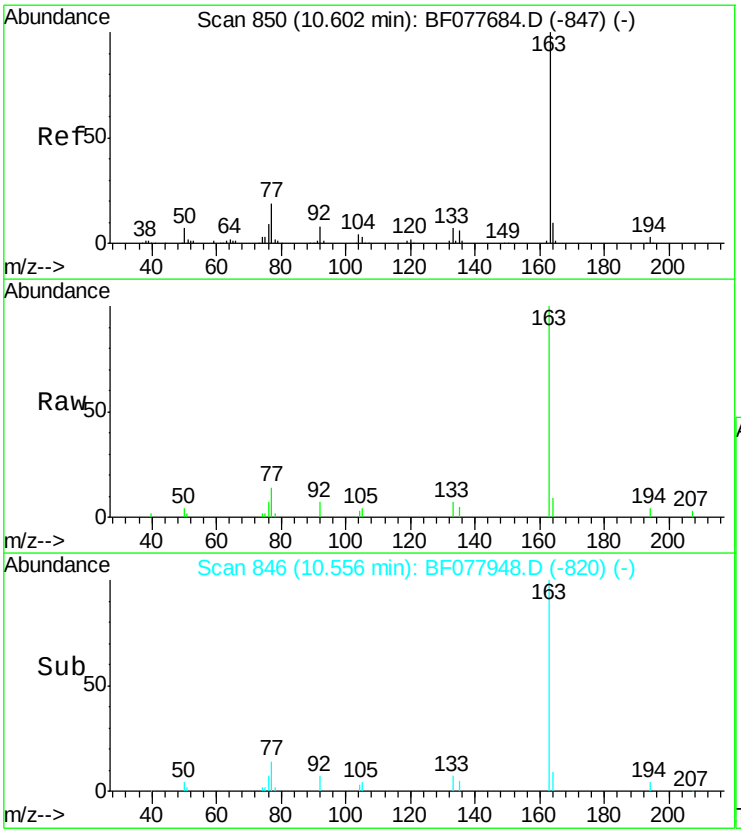
#44
2-Fluorobiphenyl
Concen: 59.36 ng
RT: 10.04 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:172 Resp: 367944

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.8	18.8	28.2

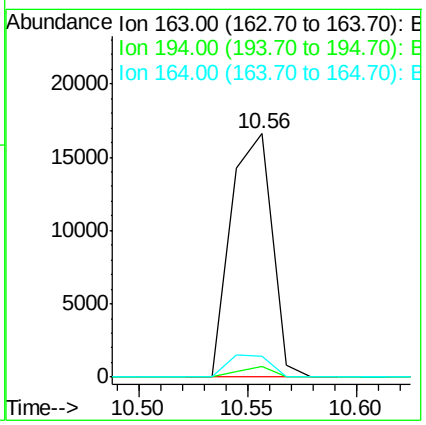


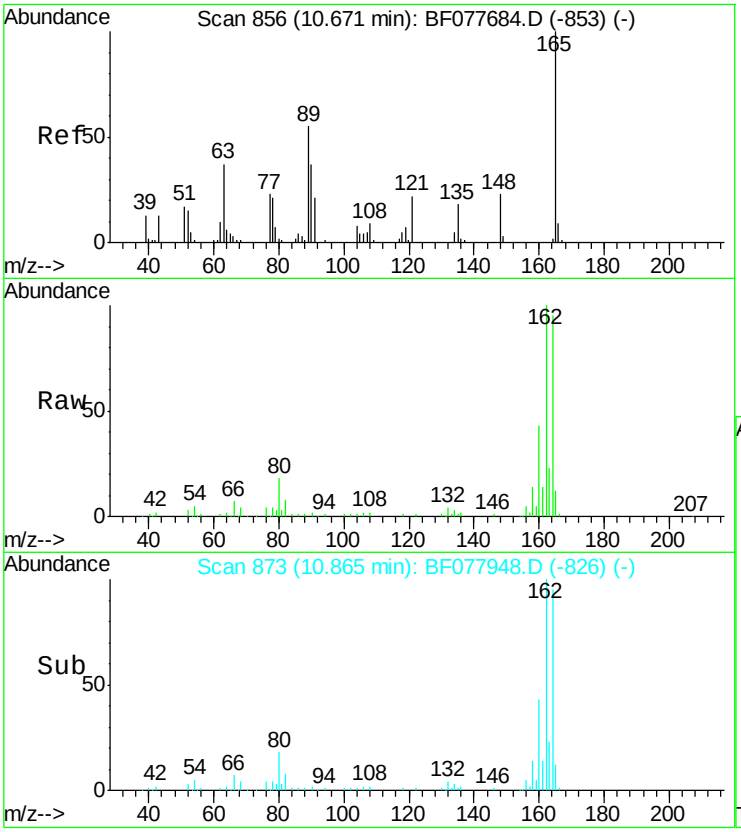


#49
Dimethylphthalate
Concen: 3.22 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Tgt Ion:163 Resp: 21766

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	8.6	8.2	12.2



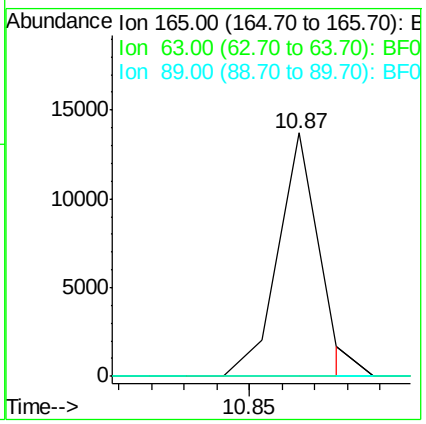


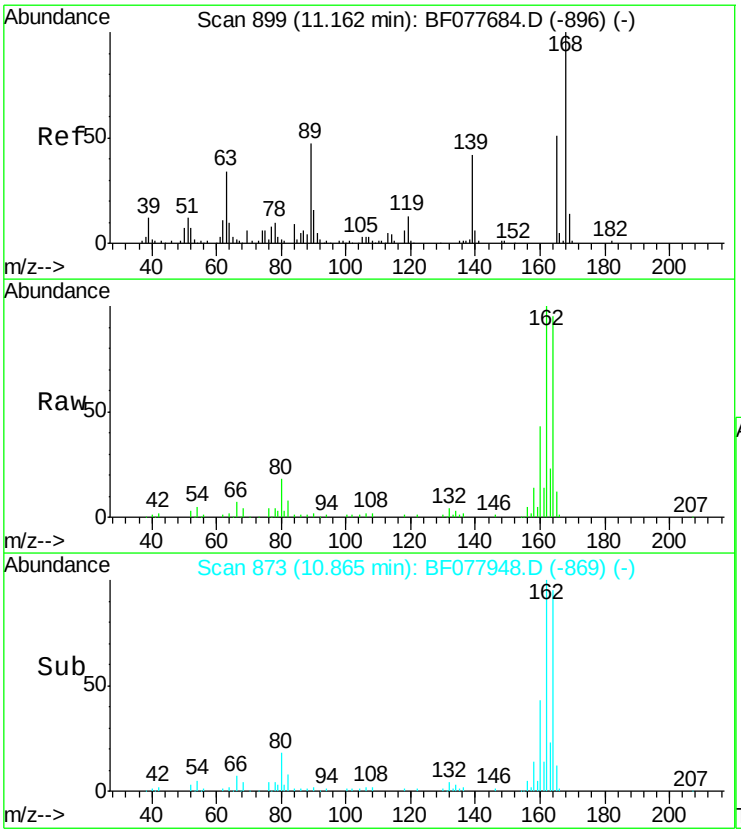
#50
2,6-Dinitrotoluene
Concen: 8.56 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.24 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:165 Resp: 11984

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

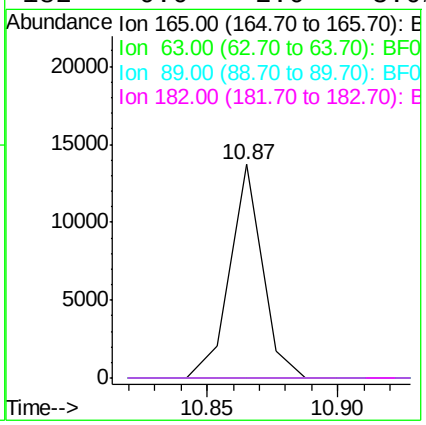


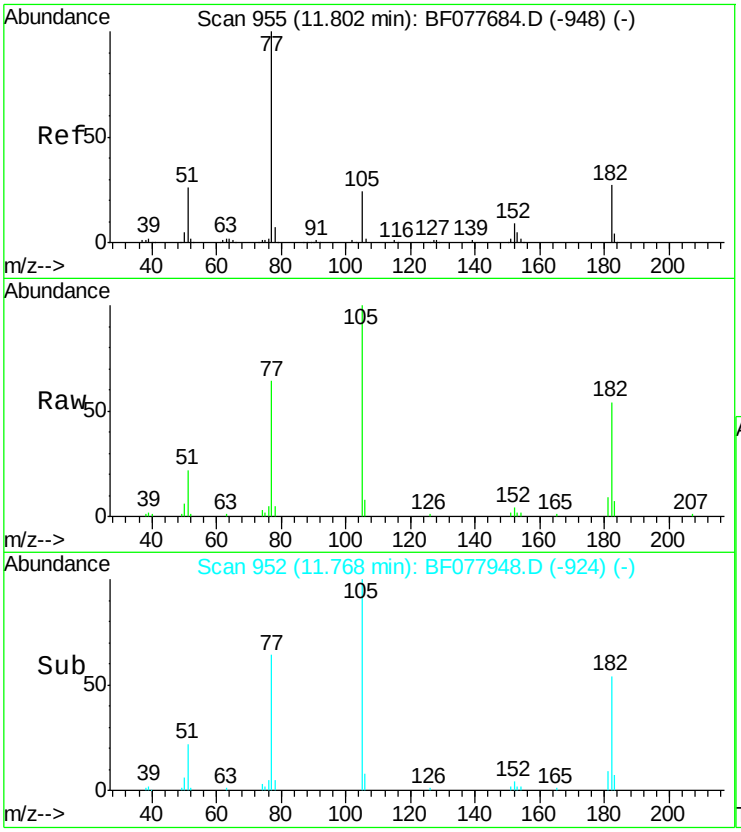


#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 10.87 min Scan# 873
Delta R.T. -0.25 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Tgt Ion:165 Resp: 11985

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#



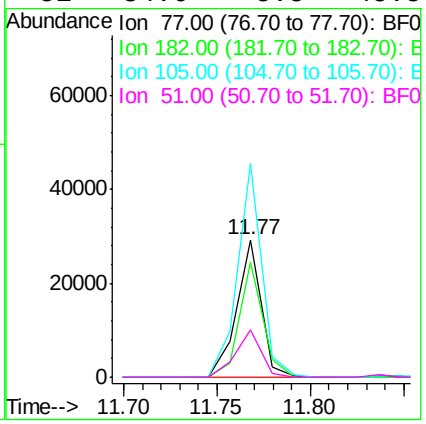


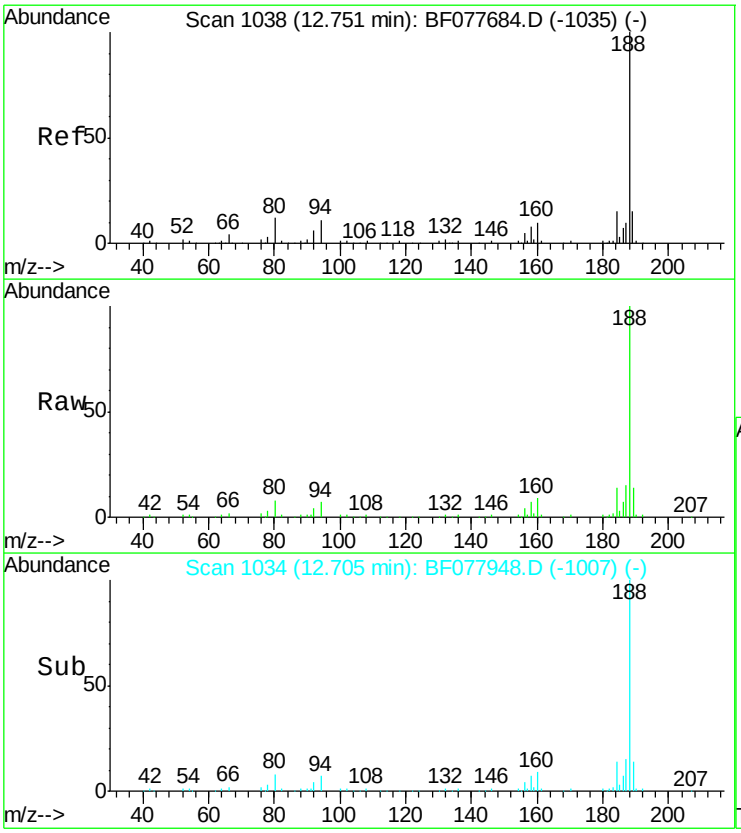
#62
Azobenzene
Concen: 4.30 ng
RT: 11.77 min Scan# 952
Delta R.T. 0.02 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion: 77 Resp: 27048

Ion	Ratio	Lower	Upper
77	100		
182	84.3	6.5	46.5#
105	155.8	3.8	43.8#
51	34.6	5.5	45.5

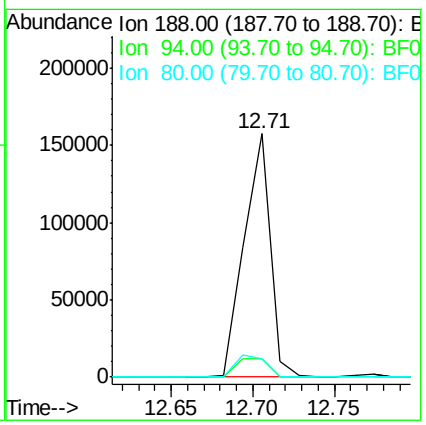


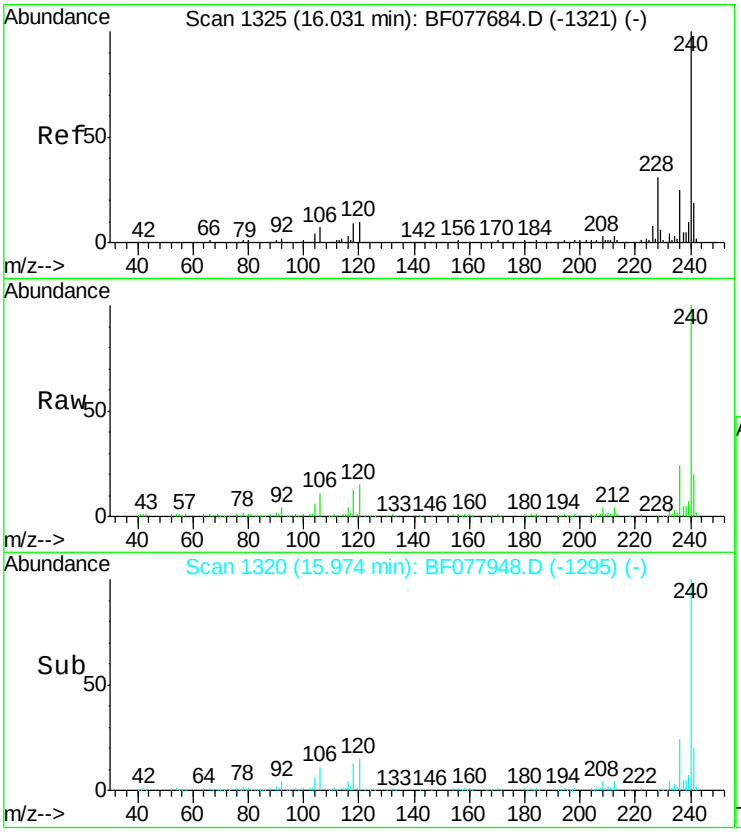


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Tgt Ion:188 Resp: 174083

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	7.7	9.3	13.9#



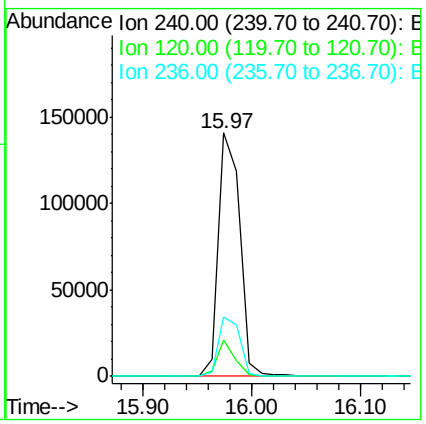


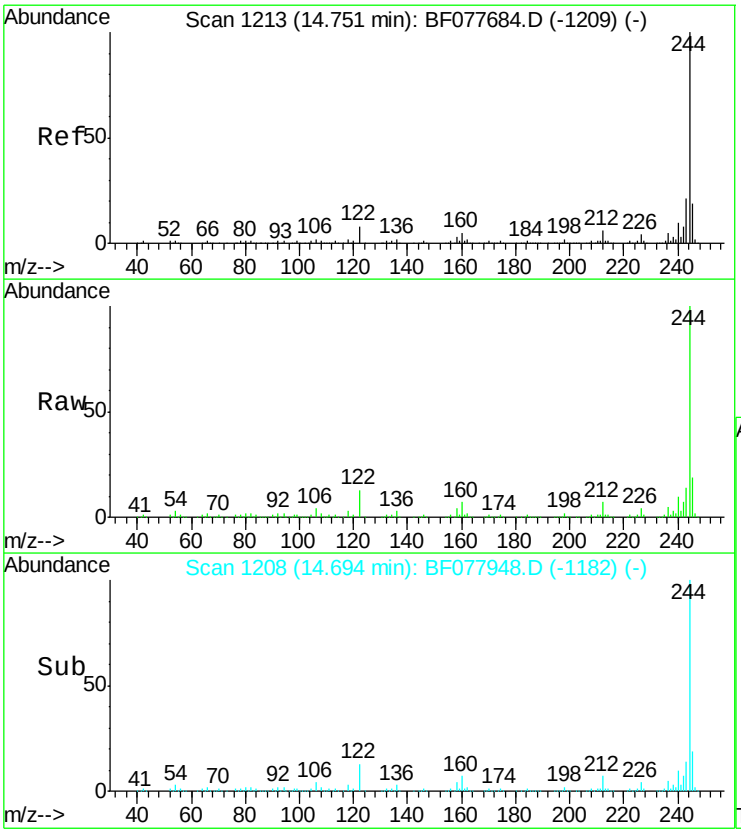
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:240 Resp: 192799

Ion	Ratio	Lower	Upper
240	100		
120	15.0	8.2	12.2#
236	24.4	20.0	30.0

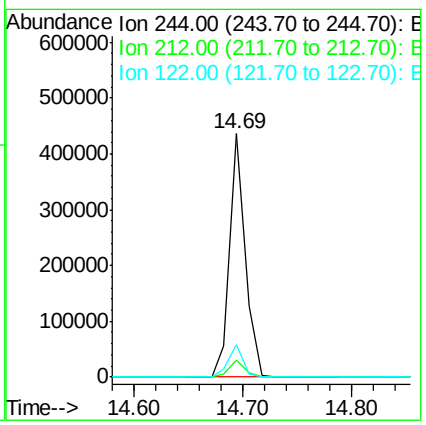


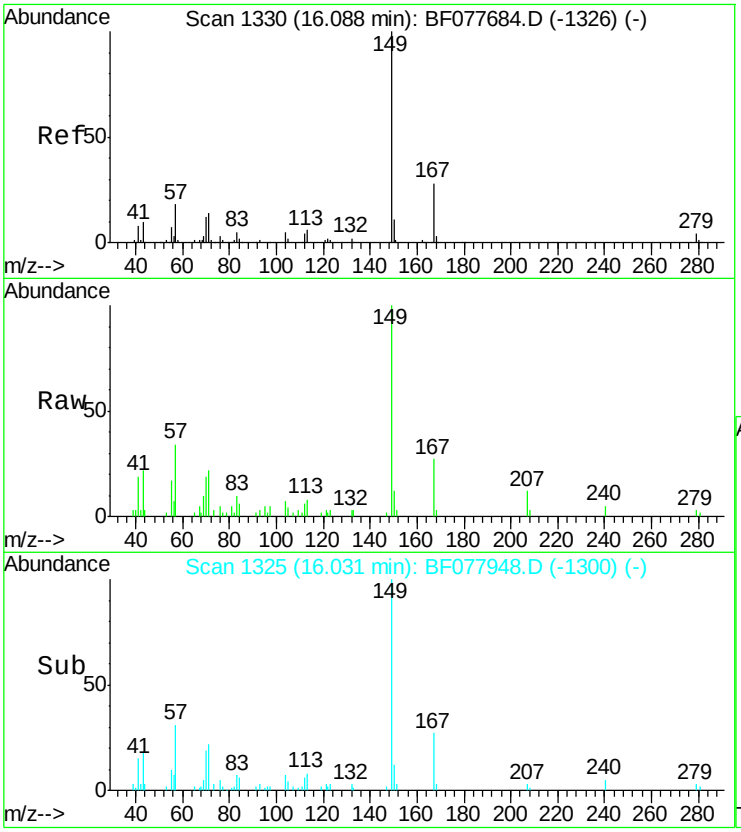


#78
Terphenyl-d14
Concen: 54.31 ng
RT: 14.69 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Tgt Ion:244 Resp: 428696

Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	13.4	6.2	9.4#



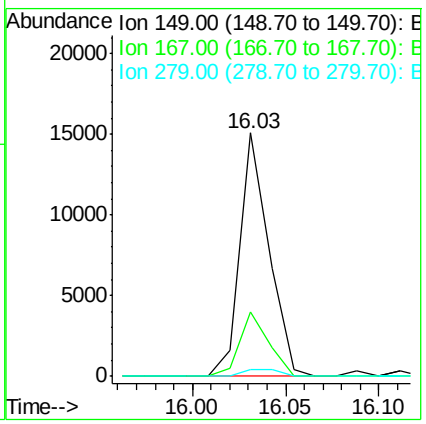


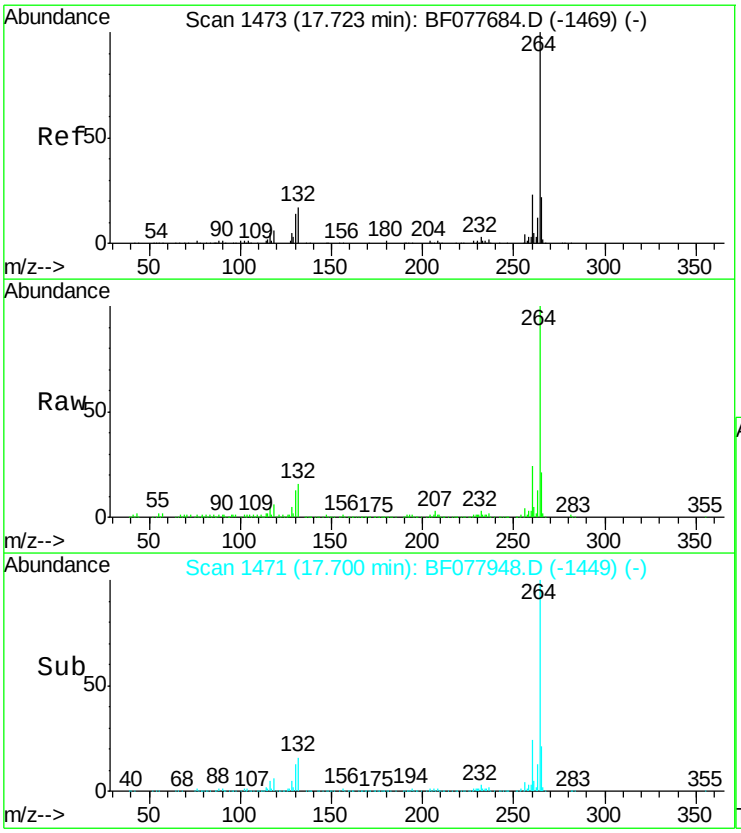
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.26 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:149 Resp: 16346

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.4	33.6
279	2.9	3.4	5.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1471
Delta R.T. -0.05 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Tgt Ion:264 Resp: 191694

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.2	17.3	25.9