Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078022.D
Acq On : 27 Mar 2015 5:31
Operator : TP/IZ
Sample : G1653-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD10

Quant Time: Mar 27 05:58:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 05:57:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	36728	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	152194	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	77454	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	156746	20.00	ng	0.00
75) Chrysene-d12	15.95	240	173562	20.00	ng	0.00
86) Perylene-d12	17.65	264	161041	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	191078	90.81	ng	0.02
7) Phenol-d6	6.69	99	260683	100.28	ng	0.02
23) Nitrobenzene-d5	7.79	82	145753	62.78	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	65222	88.01	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	300345	56.99	ng	0.00
78) Terphenyl-d14	14.67	244	364179	51.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.74	88	30256	31.67	ng	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	18168	10.10	ng	# 81
50) 2,6-Dinitrotoluene	10.84	165	10071	8.46	ng	# 24
56) 2,4-Dinitrotoluene	10.84	165	10068	6.48	ng	# 11
76) Benzidine	14.55	184	304	Below Cal		# 1

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

Quantitation Report (Not Reviewed)

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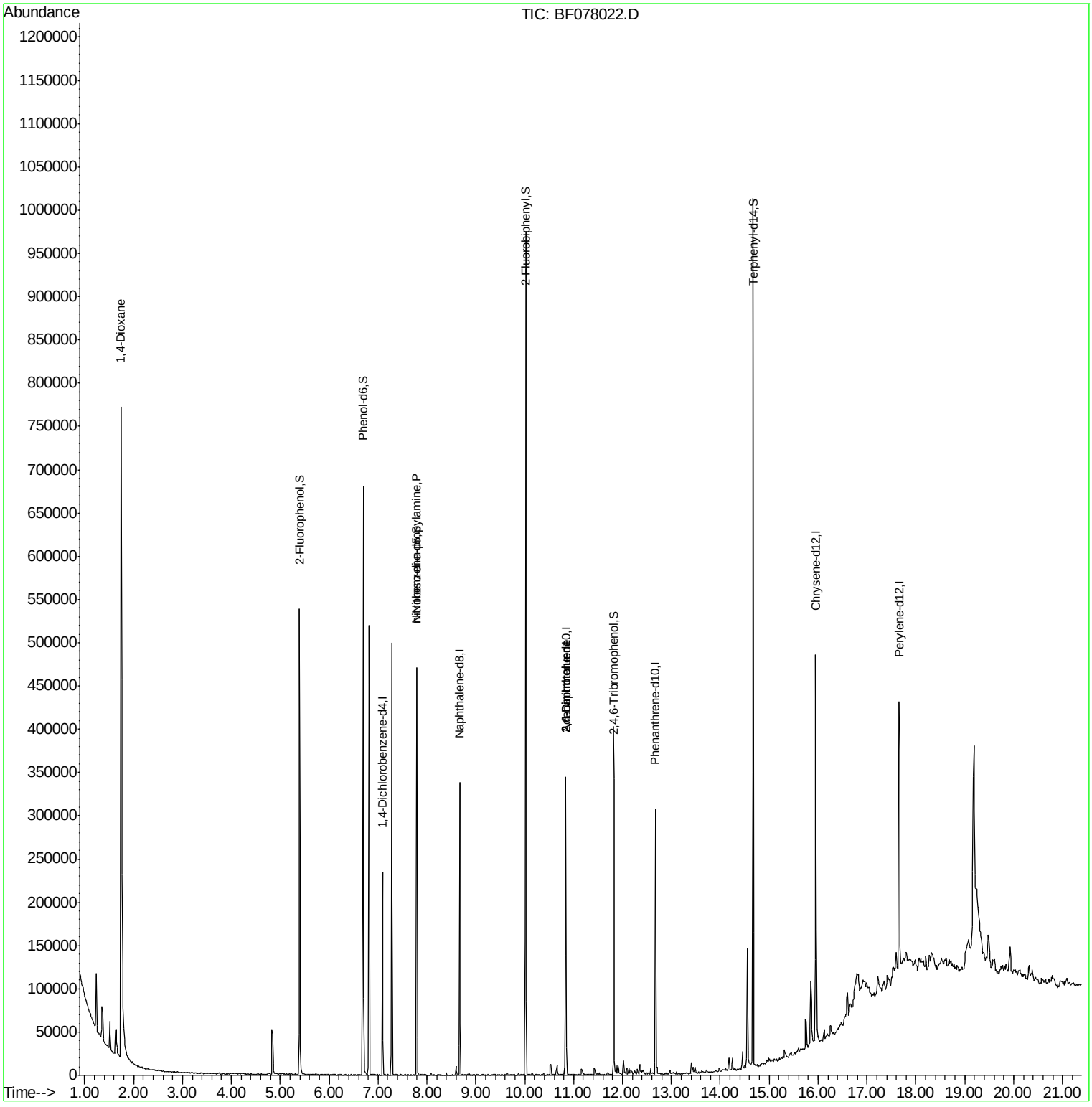
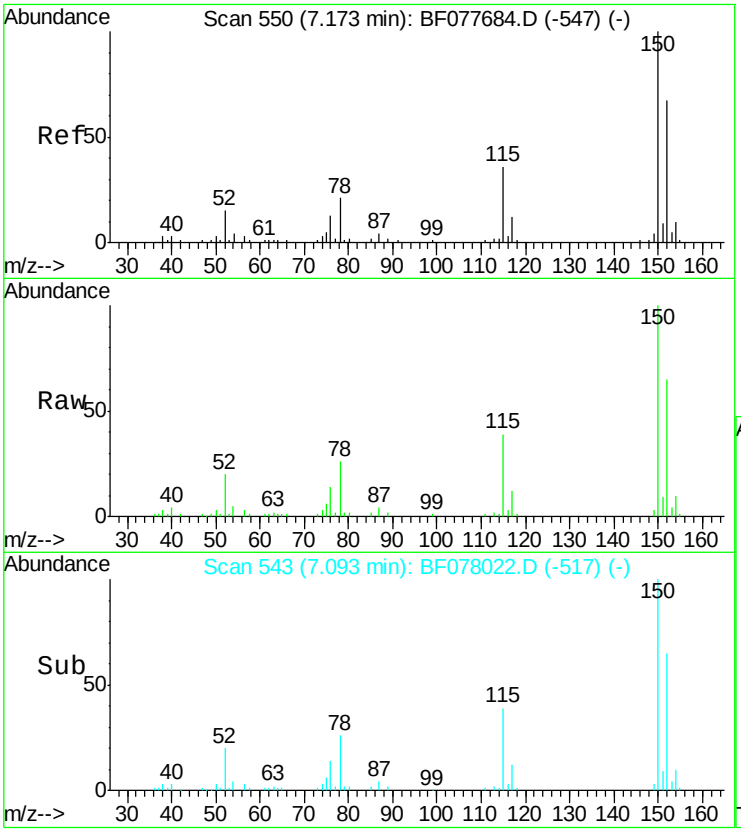


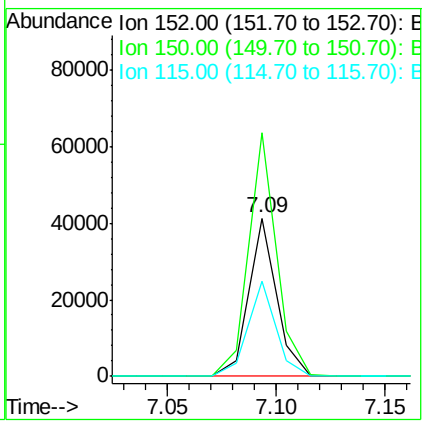


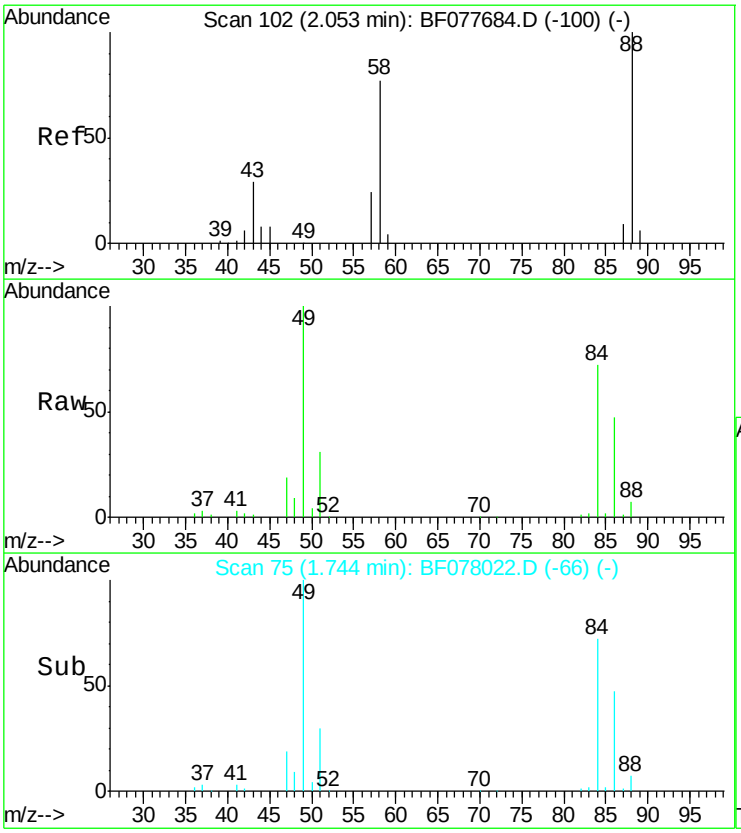
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Instrument :
BNA_F
ClientSampleId :
FD10

Tgt Ion:152 Resp: 36728

Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.5	179.3
115	59.8	43.0	64.4

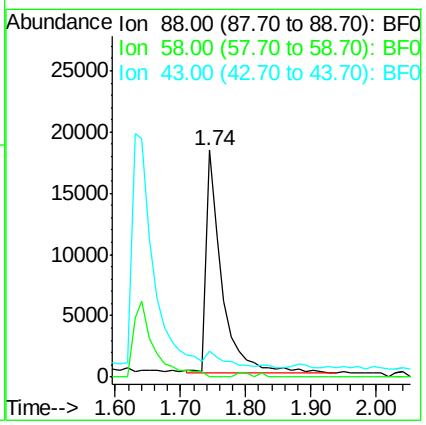


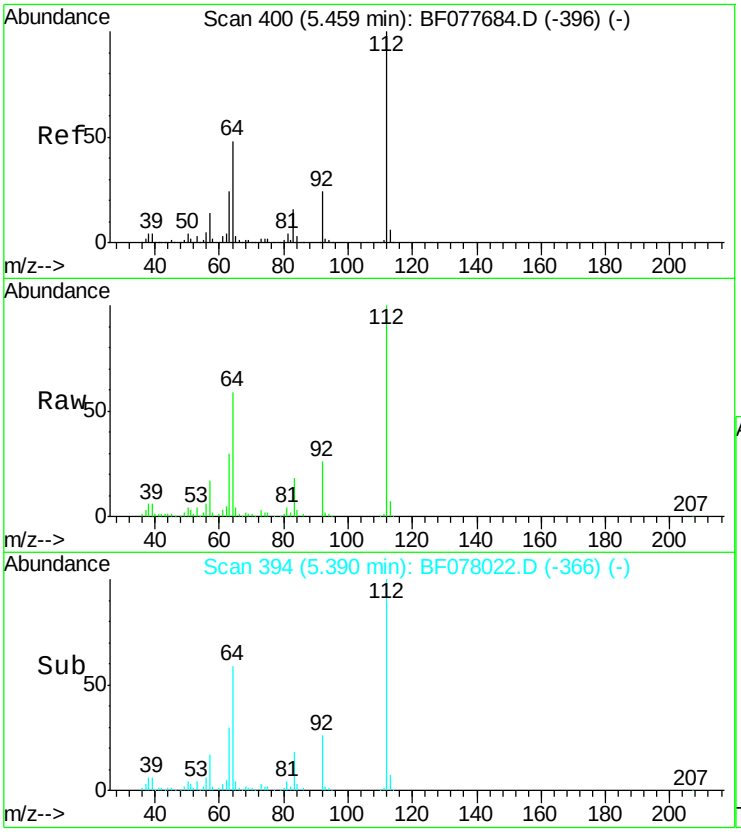


#2
1,4-Dioxane
Concen: 31.67 ng
RT: 1.74 min Scan# 75
Delta R.T. -0.19 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Tgt Ion: 88 Resp: 30256

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



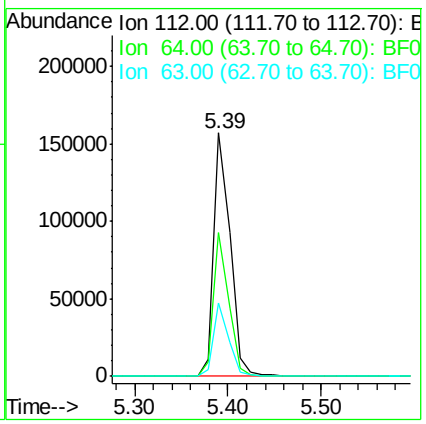


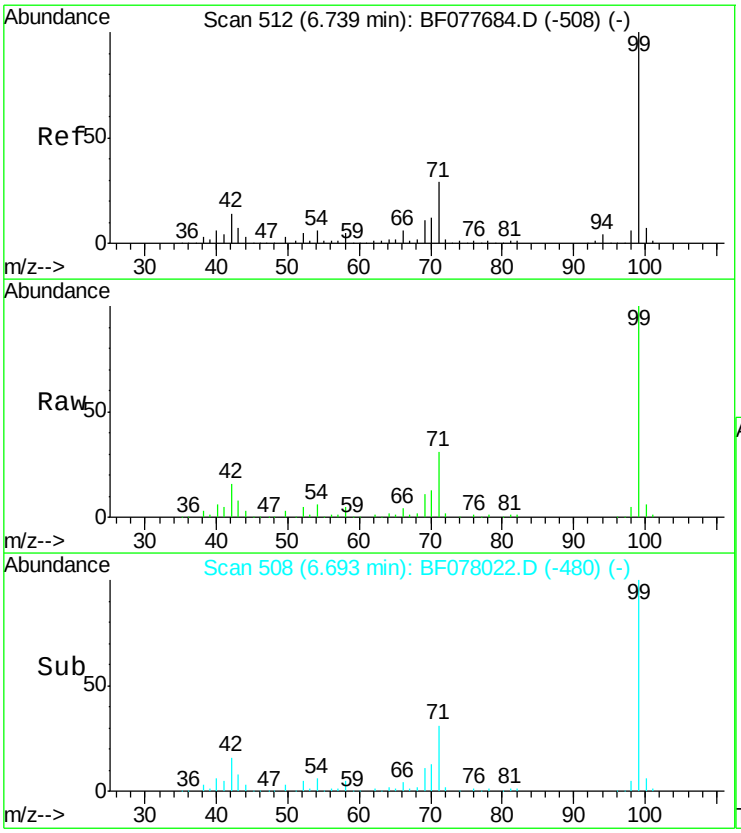
#5
2-Fluorophenol
Concen: 90.81 ng
RT: 5.39 min Scan# 394
Delta R.T. 0.02 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Instrument :
BNA_F
ClientSampleId :
FD10

Tgt Ion:112 Resp: 191078

Ion	Ratio	Lower	Upper
112	100		
64	59.3	38.6	57.8#
63	30.0	19.3	28.9#

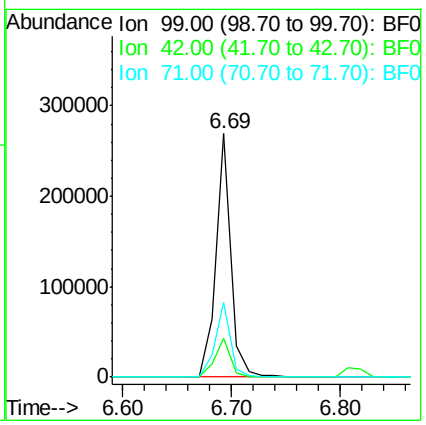


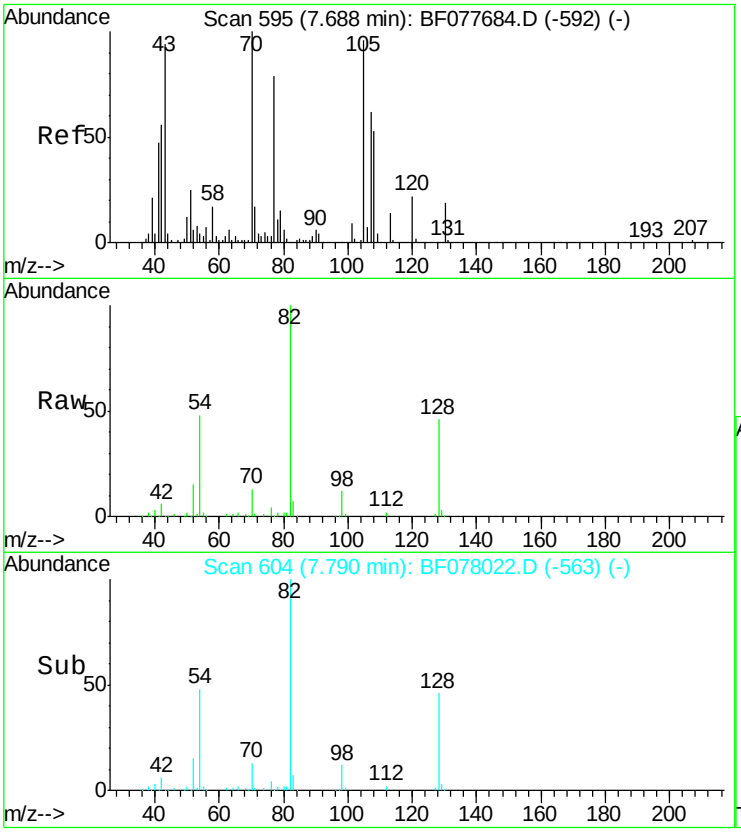


#7
Phenol-d6
Concen: 100.28 ng
RT: 6.69 min Scan# 508
Delta R.T. 0.02 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Tgt Ion: 99 Resp: 260683

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.0	16.4
71	30.6	23.4	35.2



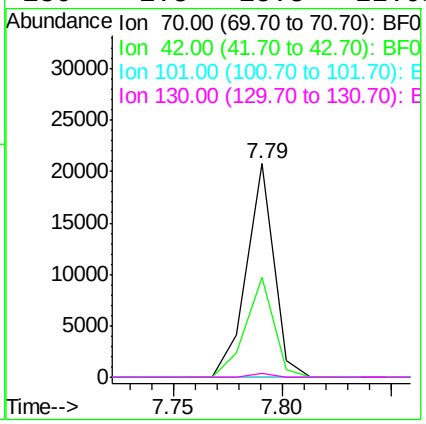


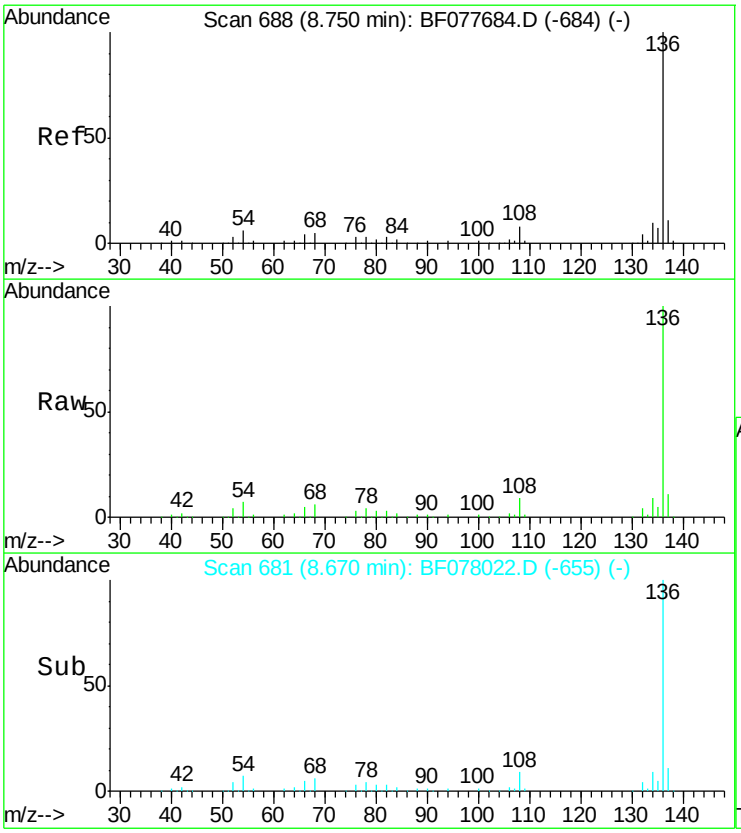
#19
n-Nitroso-di-n-propylamine
Concen: 10.10 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.17 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Instrument :
BNA_F
ClientSampleId :
FD10

Tgt Ion: 70 Resp: 18168

Ion	Ratio	Lower	Upper
70	100		
42	46.9	44.5	66.7
101	0.0	7.4	11.2#
130	1.8	15.3	22.9#

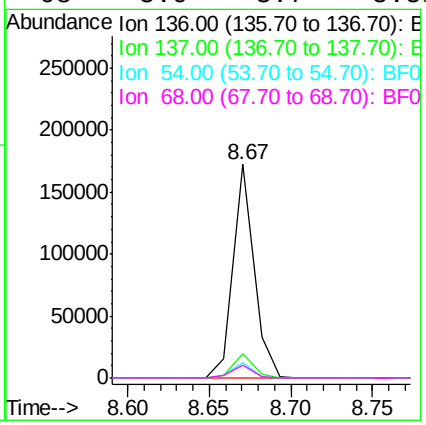


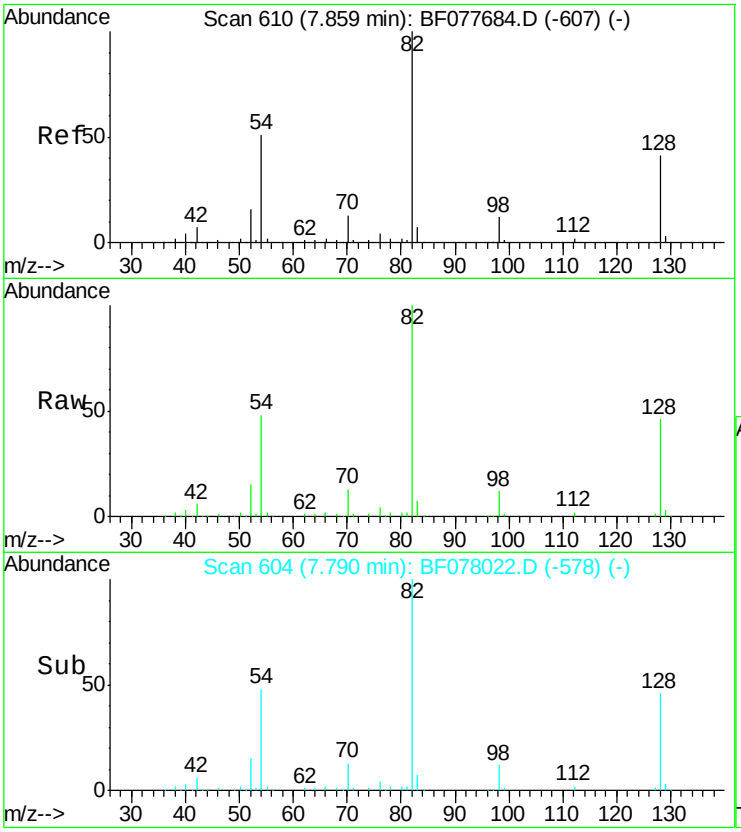


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Tgt Ion:136 Resp: 152194

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.3	4.6	6.8#
68	5.9	3.7	5.5#



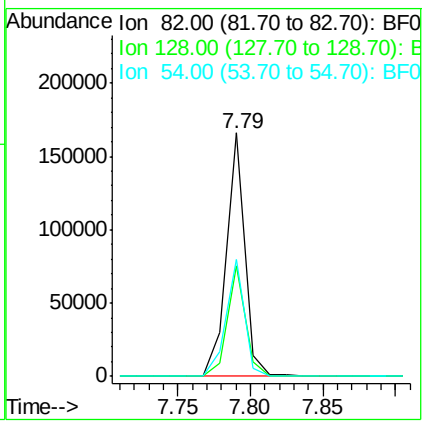


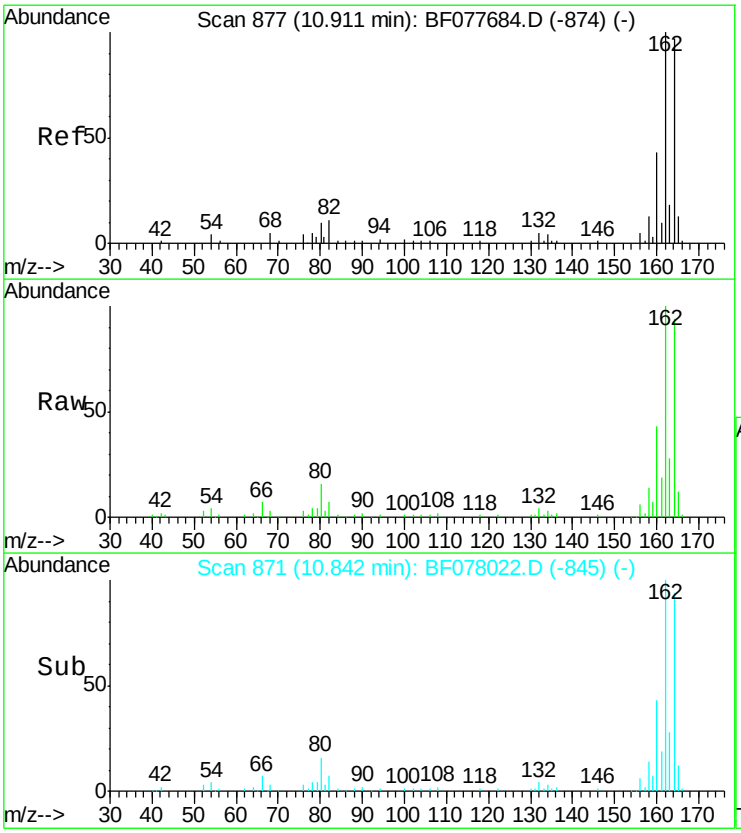
#23
Nitrobenzene-d5
Concen: 62.78 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Instrument :
BNA_F
ClientSampleId :
FD10

Tgt Ion: 82 Resp: 145753

Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.8	49.2
54	47.8	40.6	60.8

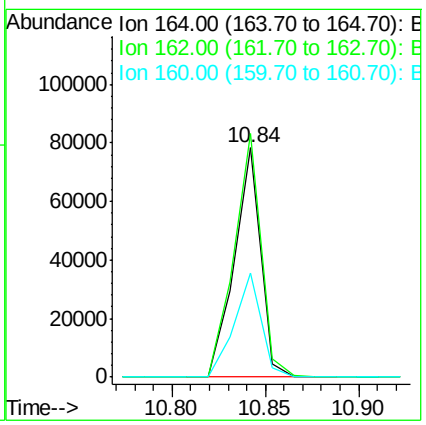


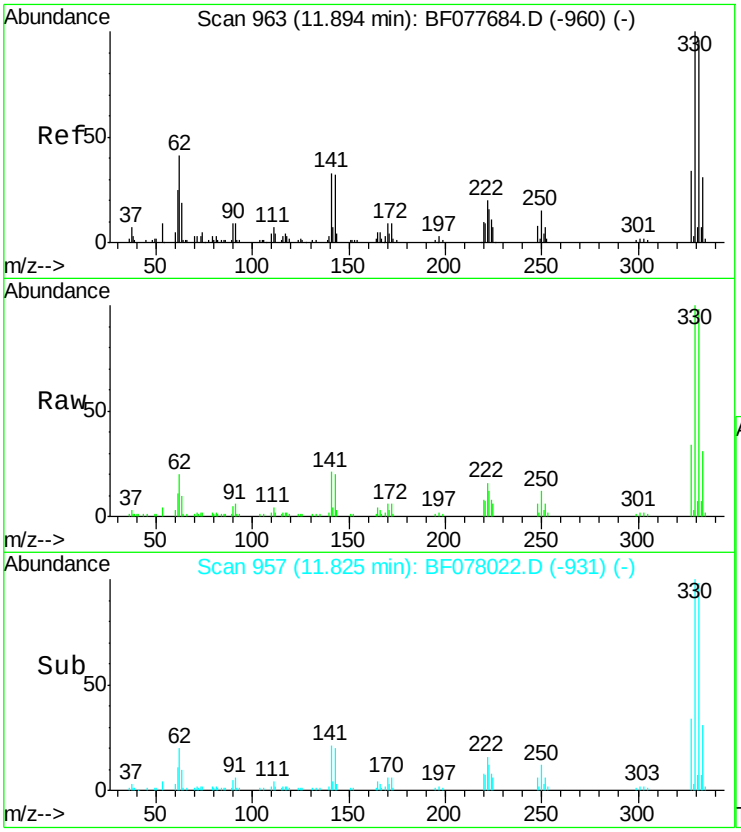


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Tgt Ion:164 Resp: 77454

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	45.6	35.8	53.6



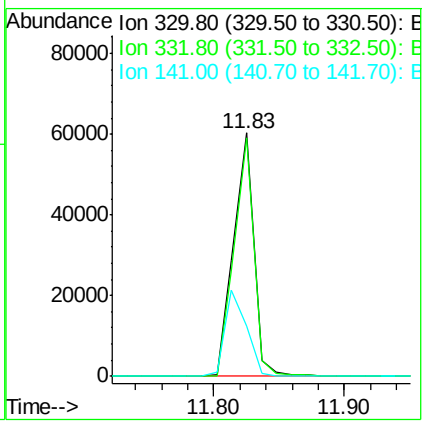


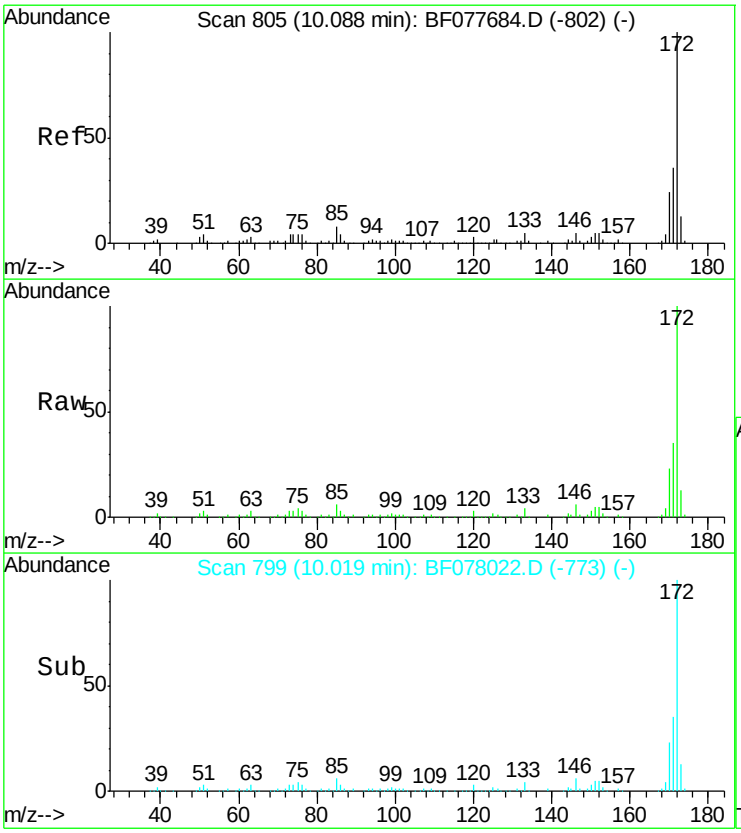
#41
2,4,6-Tribromophenol
Concen: 88.01 ng
RT: 11.83 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Instrument :
BNA_F
ClientSampleId :
FD10

Tgt Ion:330 Resp: 65222

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	37.7	0.0	0.0#

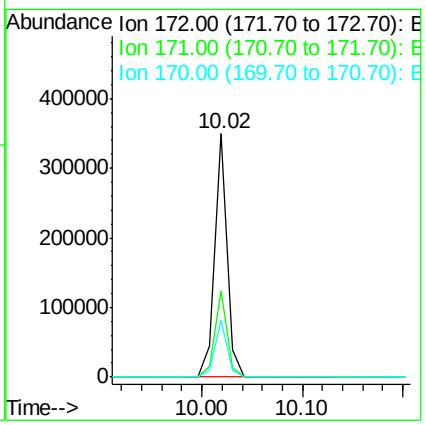


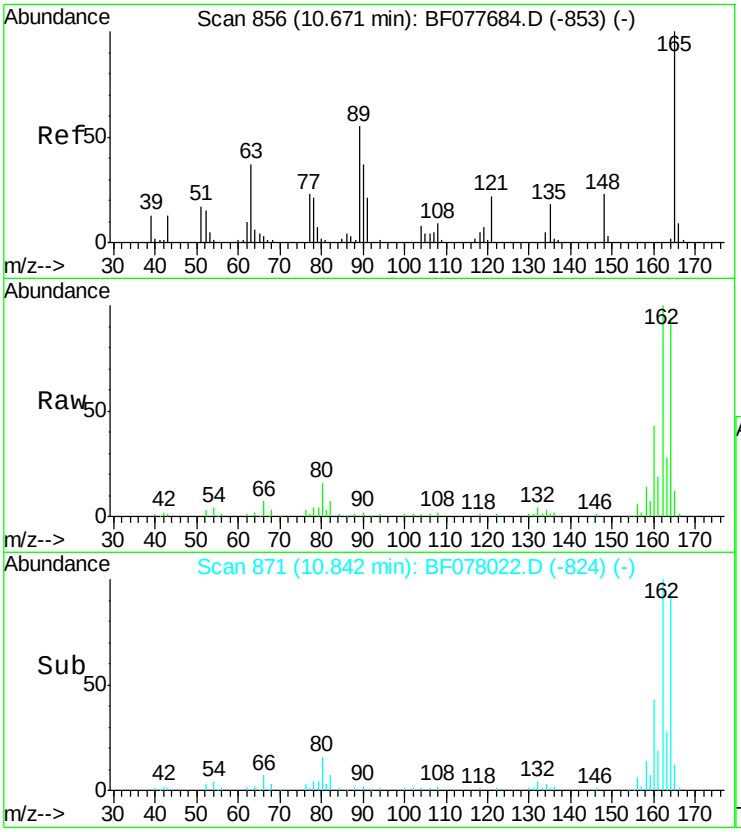


#44
2-Fluorobiphenyl
Concen: 56.99 ng
RT: 10.02 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Tgt Ion:172 Resp: 300345

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.4	18.8	28.2



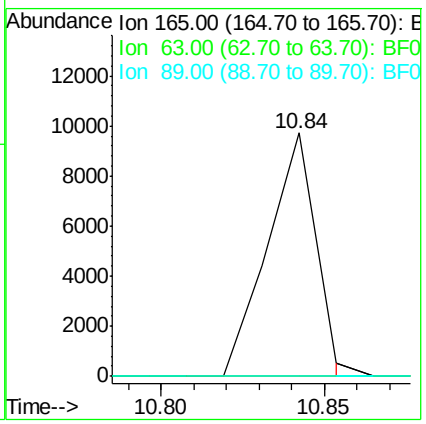


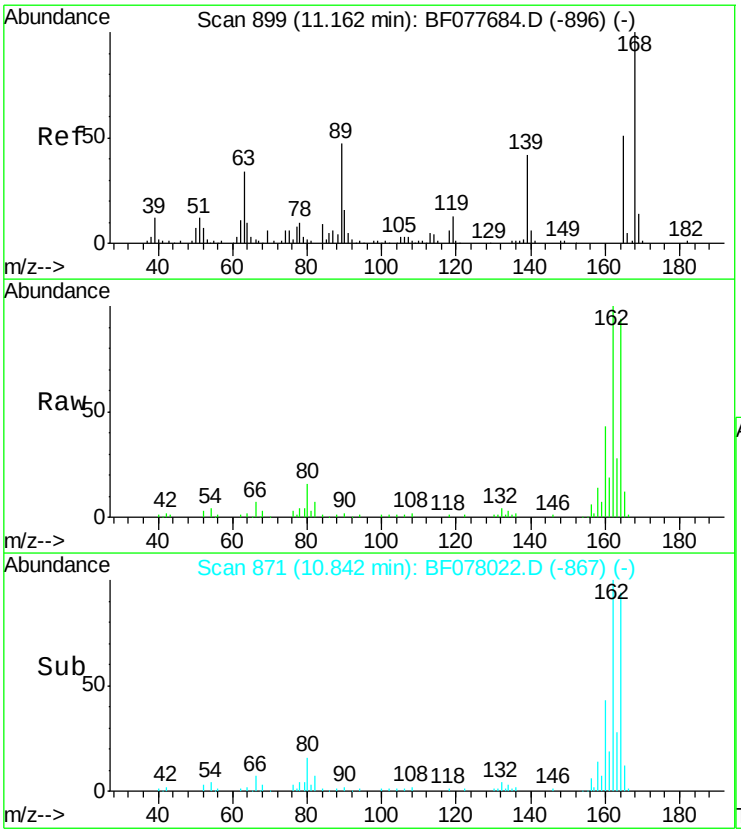
#50
2,6-Dinitrotoluene
Concen: 8.46 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.24 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Instrument :
BNA_F
ClientSampleId :
FD10

Tgt Ion:165 Resp: 10071

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

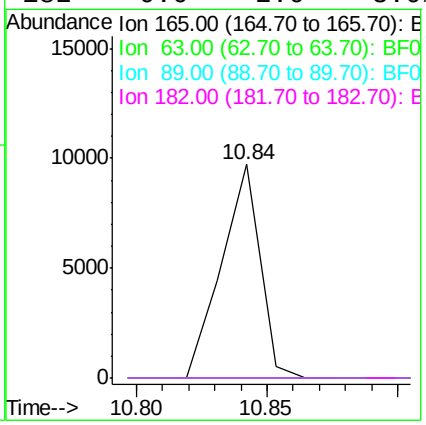


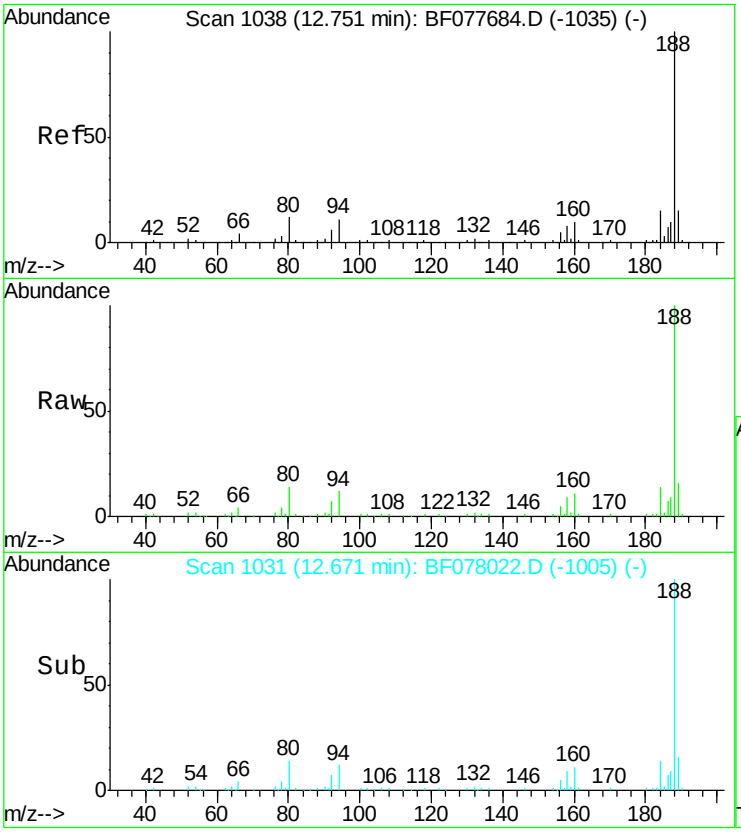


#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.25 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Tgt Ion:165 Resp: 10068

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#



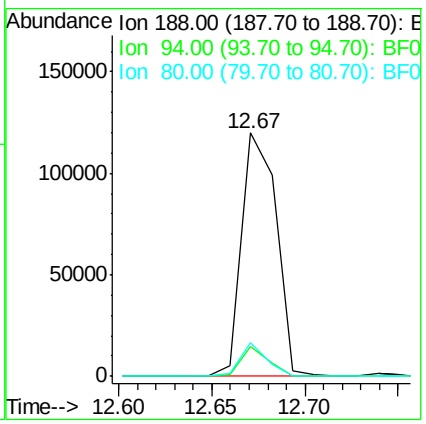


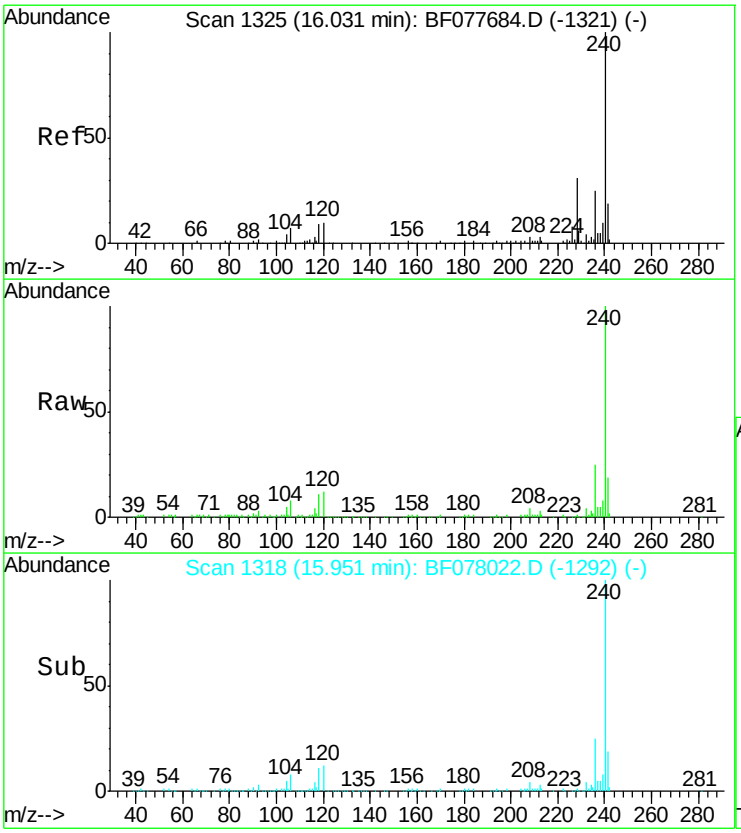
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Instrument :
BNA_F
ClientSampleId :
FD10

Tgt Ion:188 Resp: 156746

Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.7	13.1
80	13.9	9.3	13.9

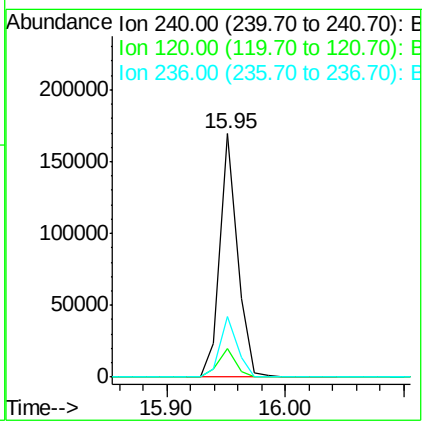


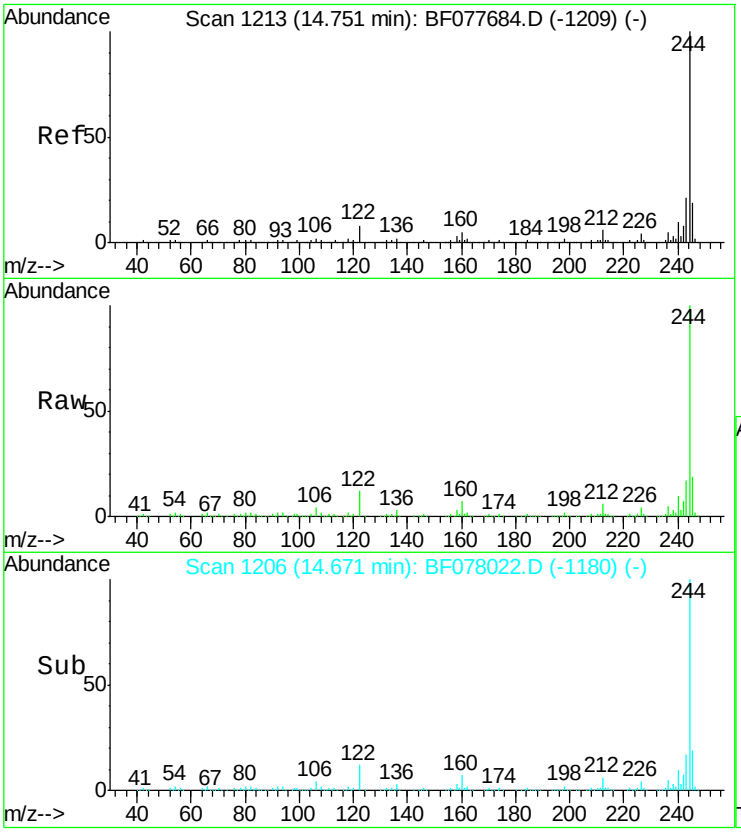


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Tgt Ion:240 Resp: 173562

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.2	12.2
236	24.6	20.0	30.0



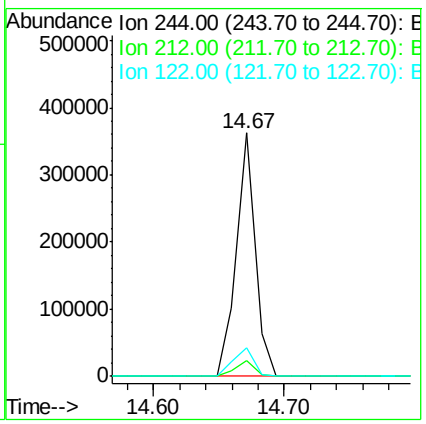


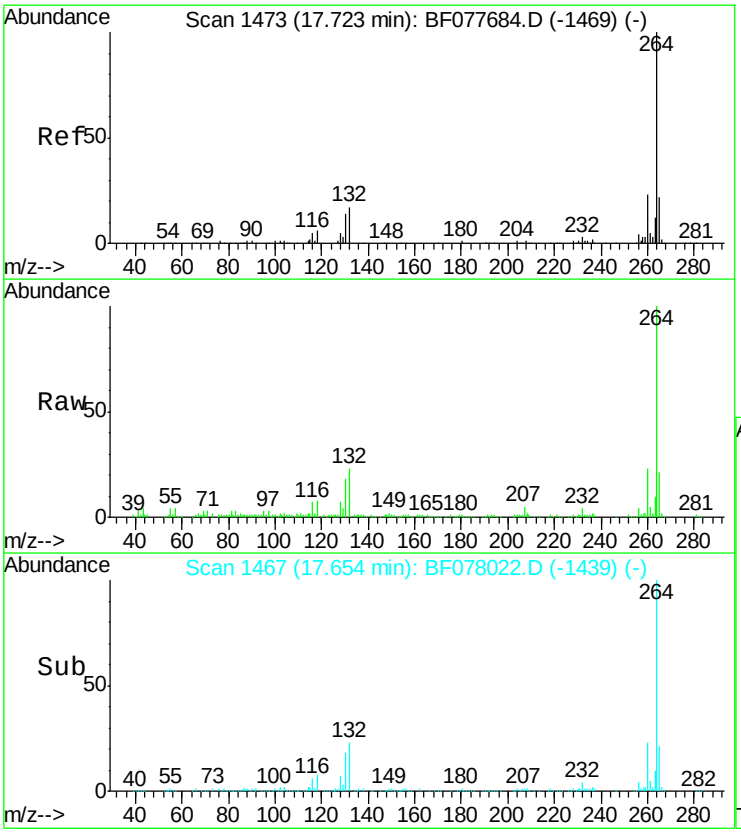
#78
Terphenyl-d14
Concen: 51.25 ng
RT: 14.67 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Instrument :
BNA_F
ClientSampleId :
FD10

Tgt Ion:244 Resp: 364179

Ion	Ratio	Lower	Upper
244	100		
212	6.5	4.9	7.3
122	11.9	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.65 min Scan# 1467
Delta R.T. 0.02 min
Lab File: BF078022.D
Acq: 27 Mar 2015 5:31

Tgt Ion:264 Resp: 161041

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.3	17.3	25.9