Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
Data File : BF077844.D
Acq On : 19 Mar 2015 21:40
Operator : TP/IZ
Sample : G1573-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Time: Mar 20 00:17:52 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	38078	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	154465	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	81946	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	157347	20.00	ng	0.00
75) Chrysene-d12	16.03	240	176492	20.00	ng	0.00
86) Perylene-d12	17.81	264	176382	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	123450	56.59	ng	0.01
7) Phenol-d6	6.73	99	93825	34.81	ng	0.00
23) Nitrobenzene-d5	7.85	82	224430	95.24	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	101539	129.51	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	477781	85.68	ng	0.00
78) Terphenyl-d14	14.74	244	495004	68.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.78	88	33979	34.31	ng	# 100
15) Benzyl Alcohol	7.33	79	4798	2.28	ng	# 51
18) Hexachloroethane	7.85	117	113756	115.58	ng	# 3
19) n-Nitroso-di-n-propylamine	7.85	70	29316	15.72	ng	# 80
24) Nitrobenzene	7.82	77	18054	7.11	ng	# 25
32) Benzoic acid	8.34	122	248	3.28	ng	# 40
64) 4,6-Dinitro-2-methylphenol	11.69	198	215	4.56	ng	# 1
76) Benzidine	14.28	184	212	Below Cal		# 68

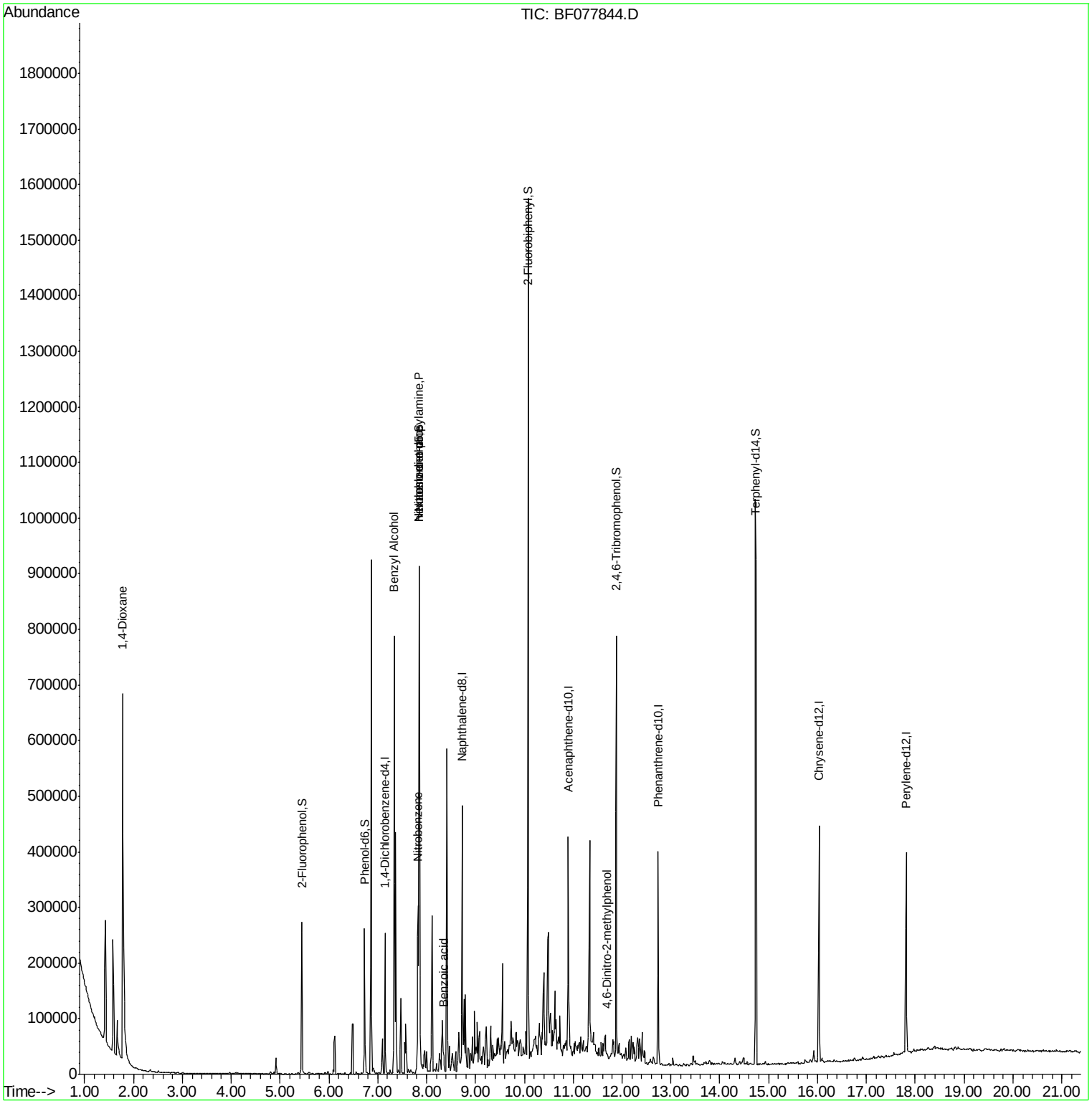
(#) = qualifier out of range (m) = manual integration (+) = signals summed

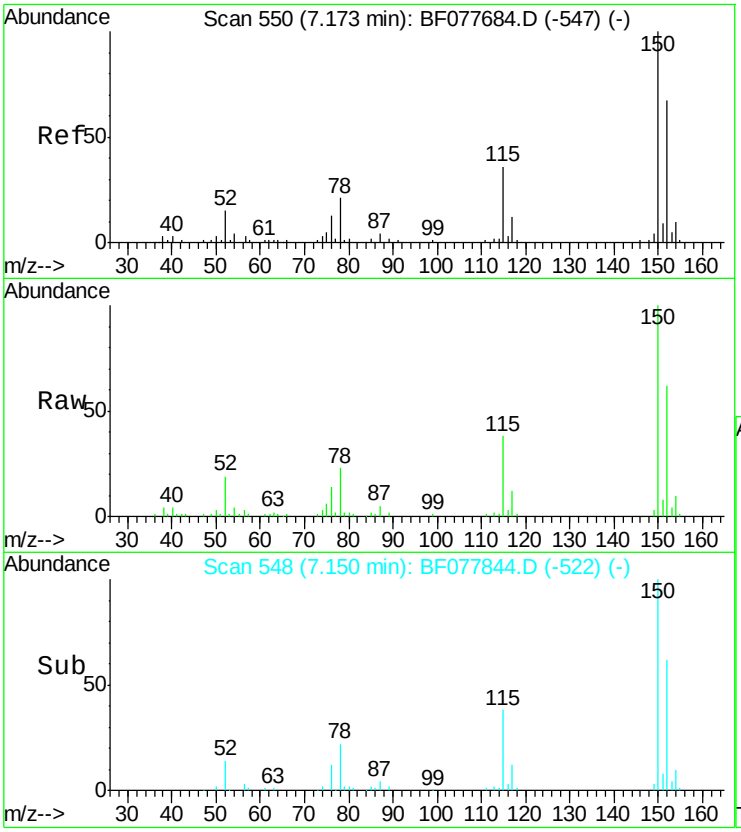
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
Data File : BF077844.D
Acq On : 19 Mar 2015 21:40
Operator : TP/IZ
Sample : G1573-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Time: Mar 20 00:17:52 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



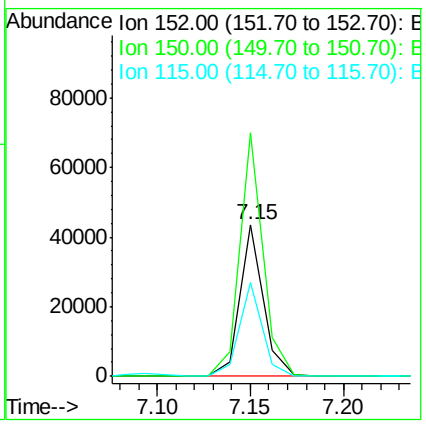


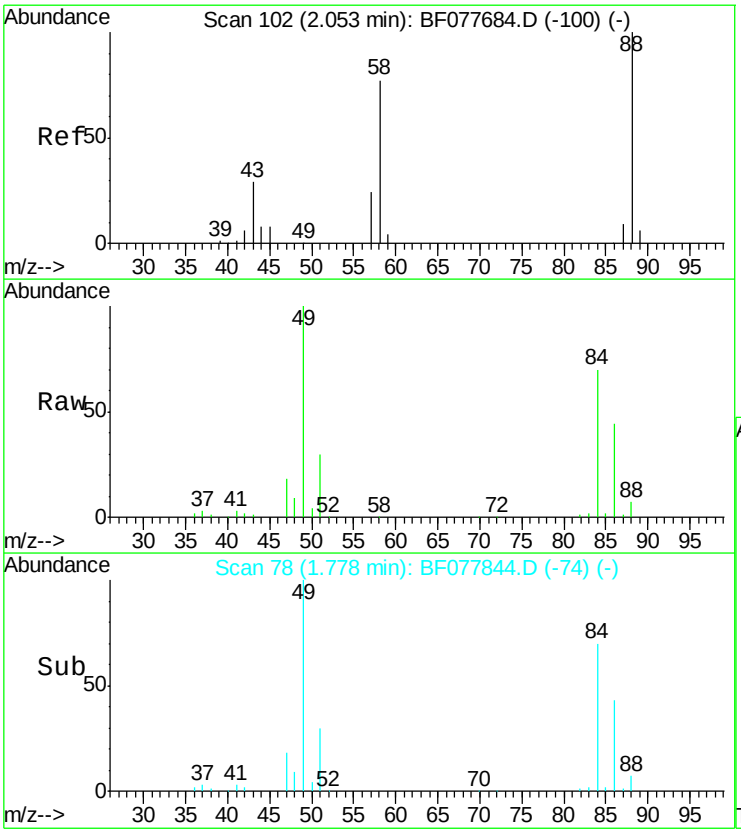
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 38078

Ion	Ratio	Lower	Upper
152	100		
150	160.6	119.5	179.3
115	61.7	43.0	64.4

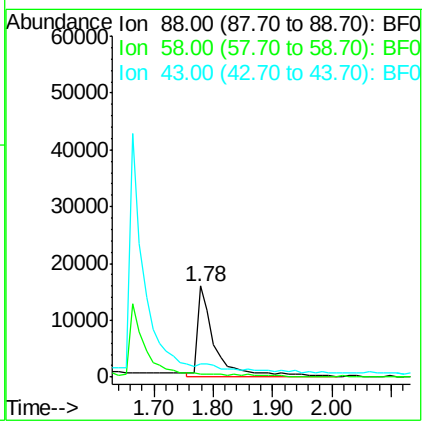


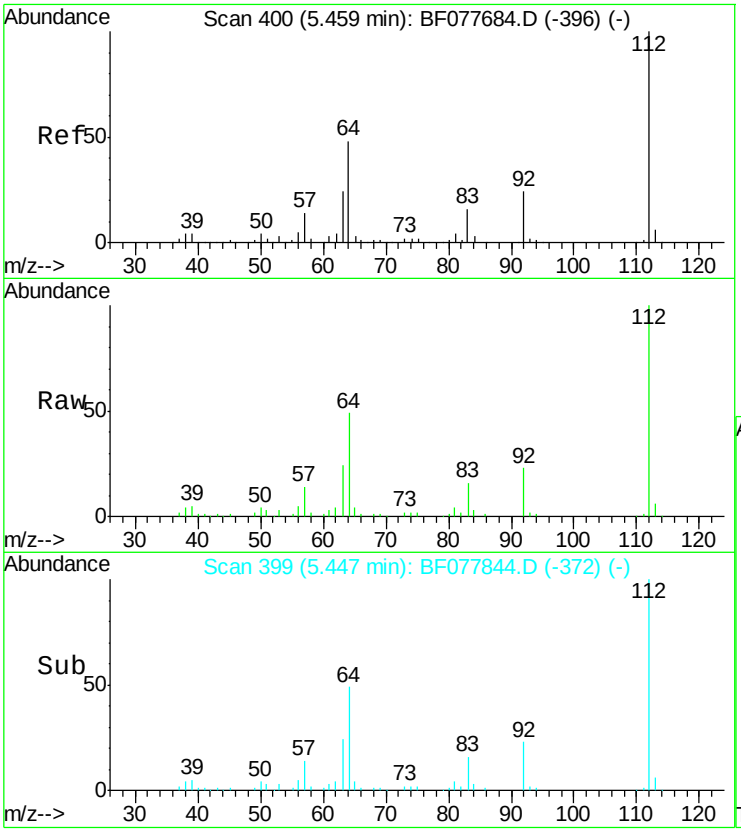


#2
1,4-Dioxane
Concen: 34.31 ng
RT: 1.78 min Scan# 78
Delta R.T. -0.25 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion: 88 Resp: 33979

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



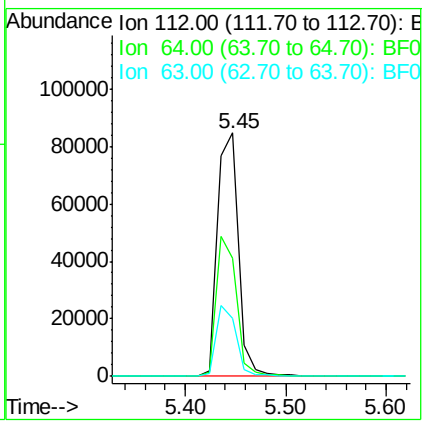


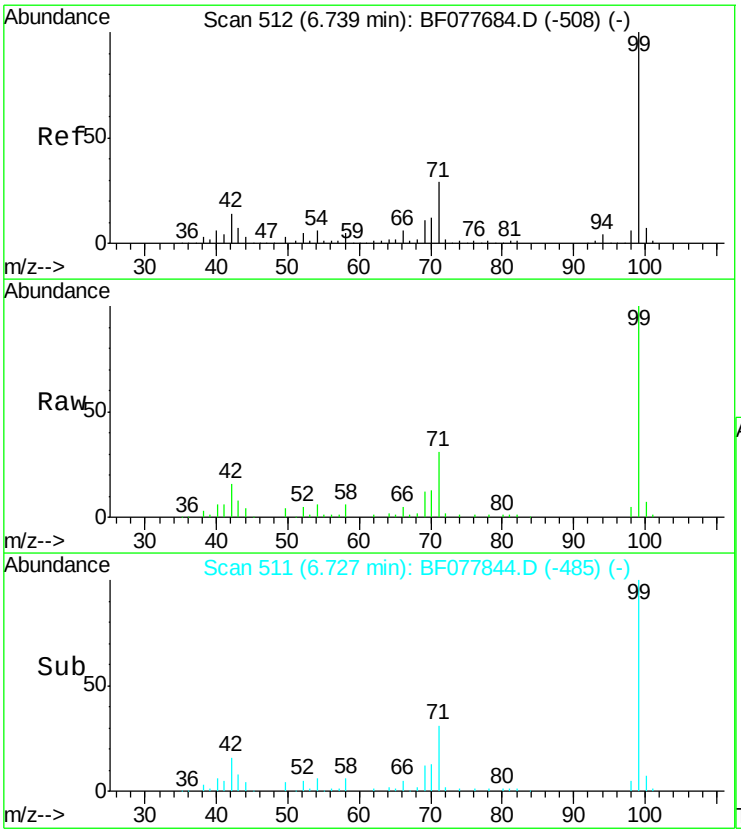
#5
2-Fluorophenol
Concen: 56.59 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:112 Resp: 123450

Ion	Ratio	Lower	Upper
112	100		
64	48.7	38.6	57.8
63	23.8	19.3	28.9

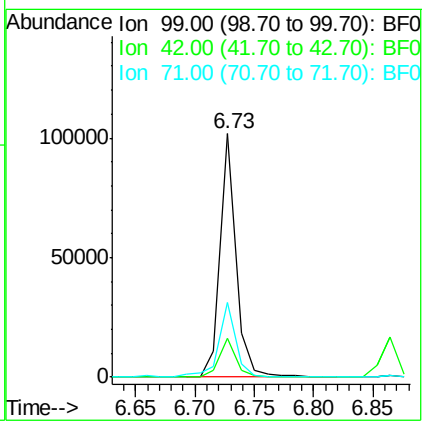


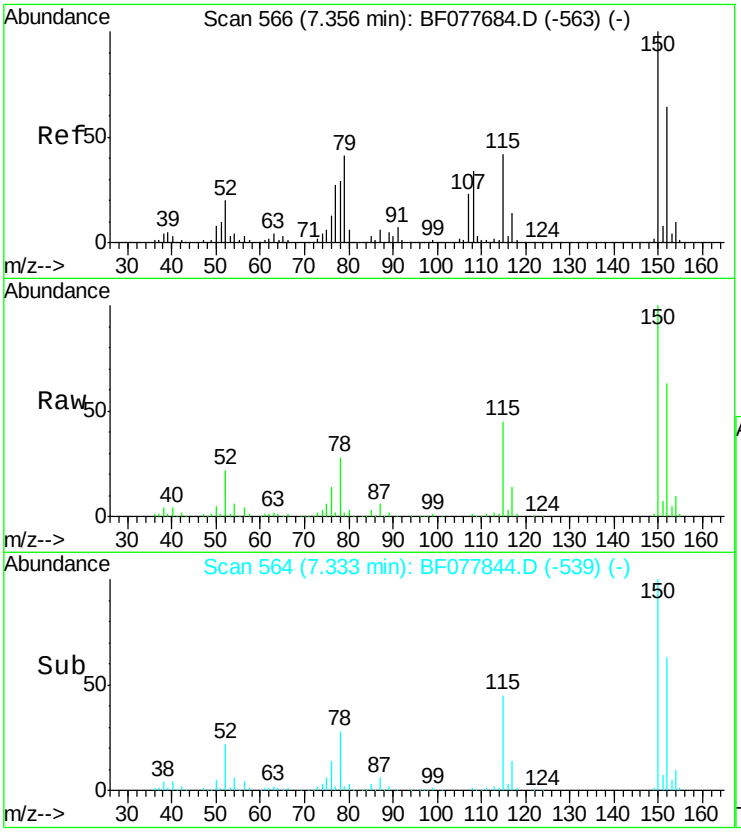


#7
Phenol-d6
Concen: 34.81 ng
RT: 6.73 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion: 99 Resp: 93825

Ion	Ratio	Lower	Upper
99	100		
42	15.9	11.0	16.4
71	30.9	23.4	35.2



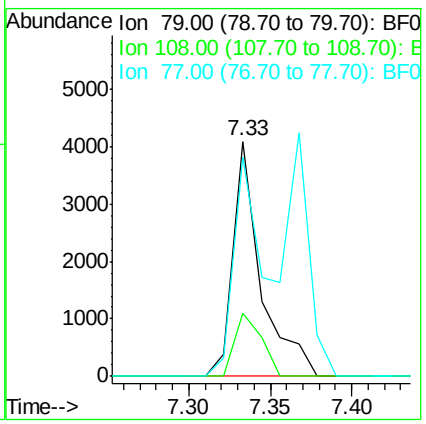


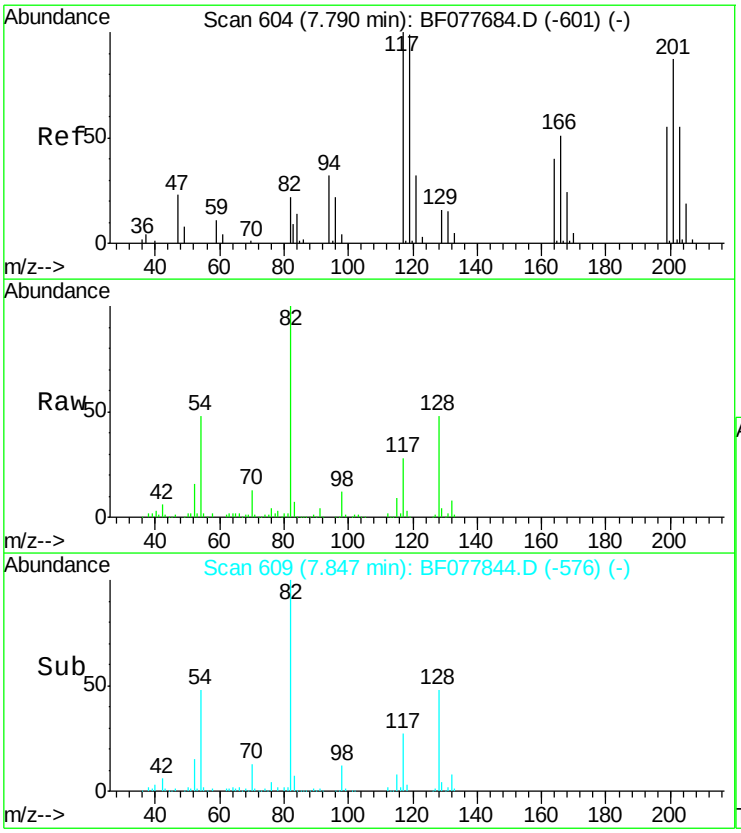
#15
Benzyl Alcohol
Concen: 2.28 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 79 Resp: 4798

Ion	Ratio	Lower	Upper
79	100		
108	26.8	65.0	97.4#
77	93.4	53.0	79.6#

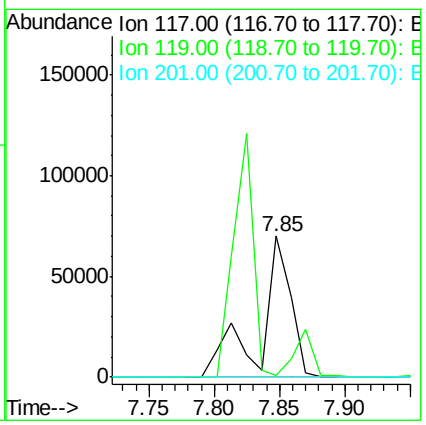


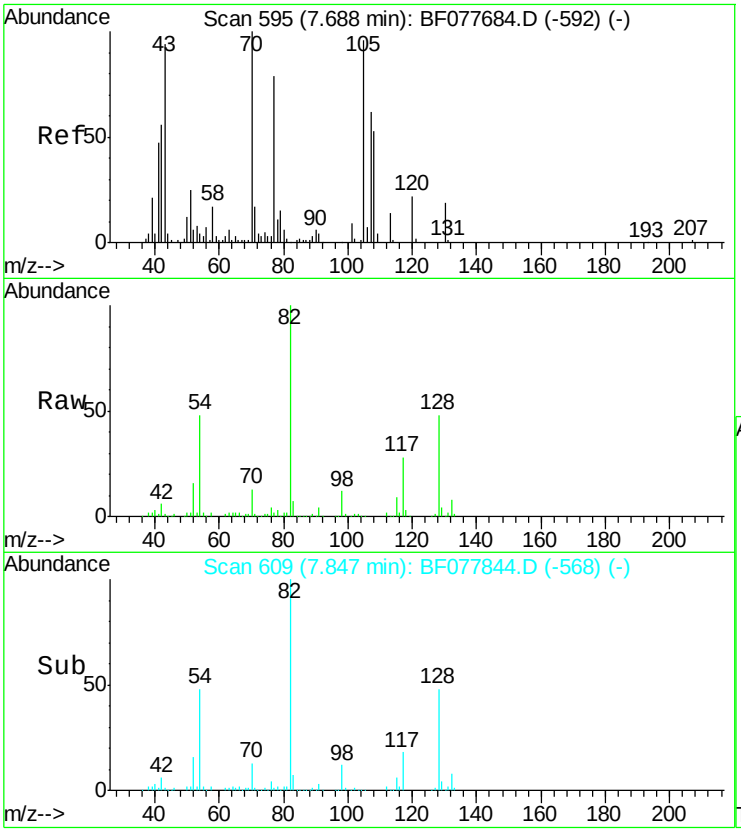


#18
Hexachloroethane
Concen: 115.58 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.08 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion:117 Resp: 113756

Ion	Ratio	Lower	Upper
117	100		
119	0.8	79.2	118.8#
201	0.0	69.8	104.6#



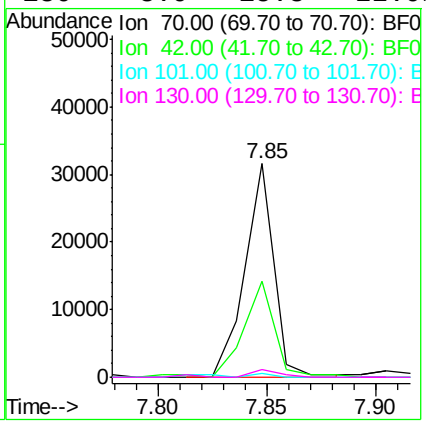


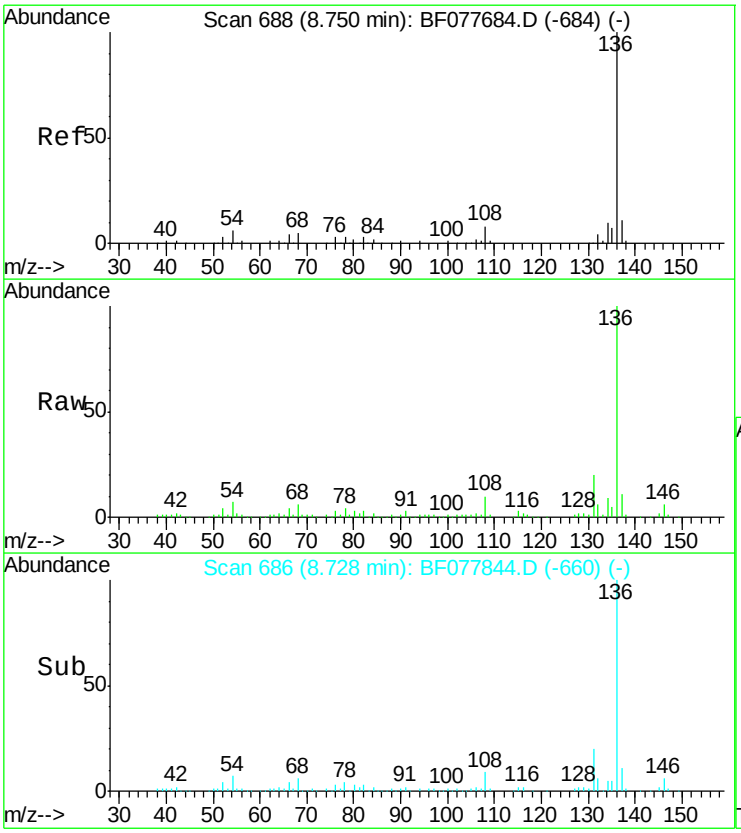
#19
n-Nitroso-di-n-propylamine
Concen: 15.72 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 70 Resp: 29316

Ion	Ratio	Lower	Upper
70	100		
42	45.1	44.5	66.7
101	1.8	7.4	11.2#
130	3.9	15.3	22.9#

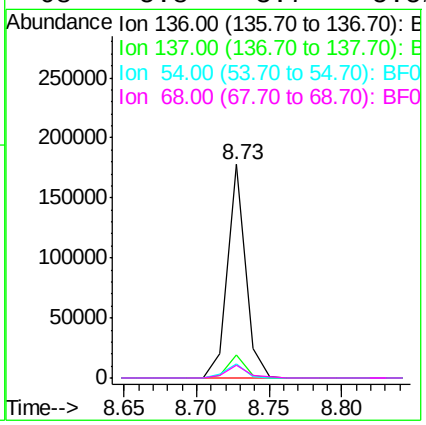


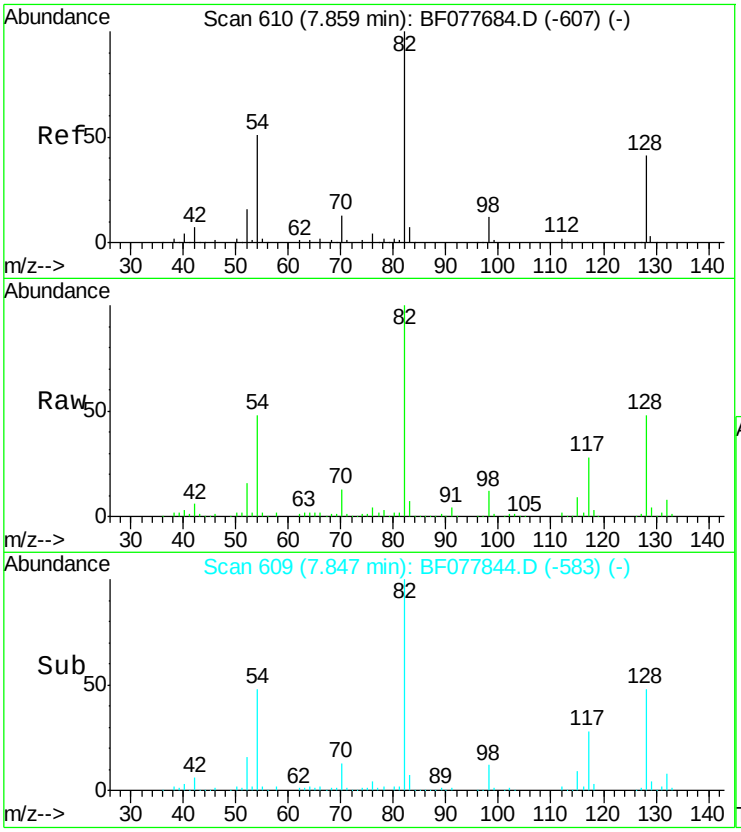


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion:136 Resp: 154465

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.8	4.6	6.8#
68	5.8	3.7	5.5#



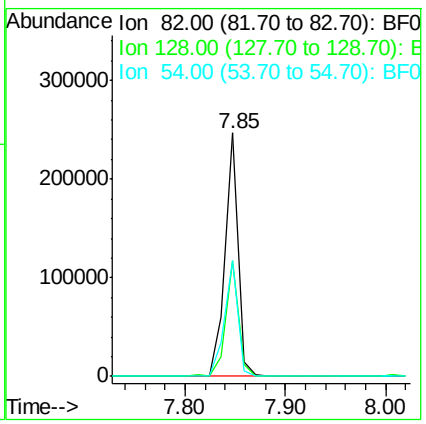


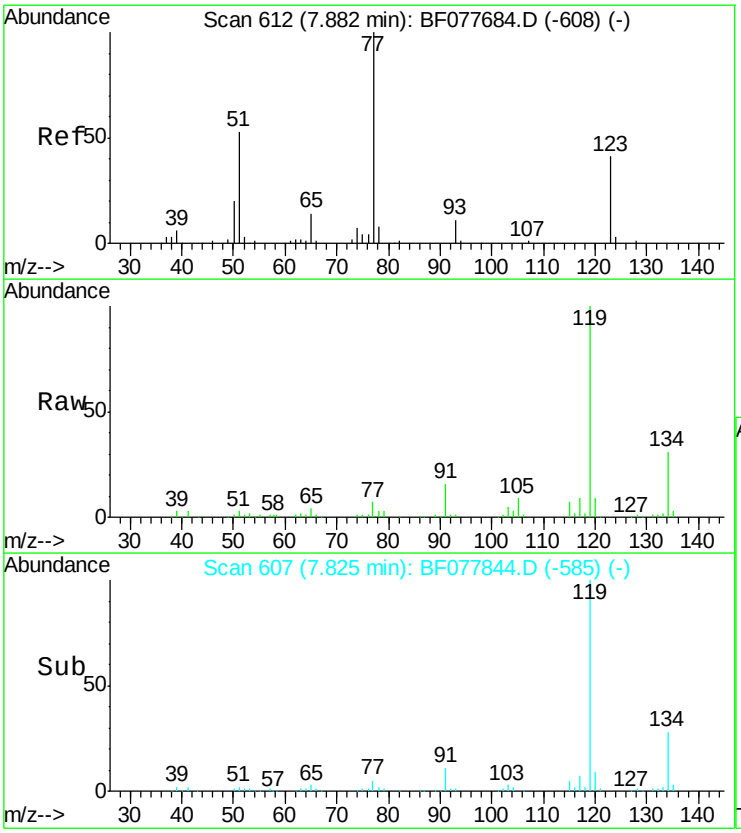
#23
Nitrobenzene-d5
Concen: 95.24 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 82 Resp: 224430

Ion	Ratio	Lower	Upper
82	100		
128	47.6	32.8	49.2
54	47.7	40.6	60.8

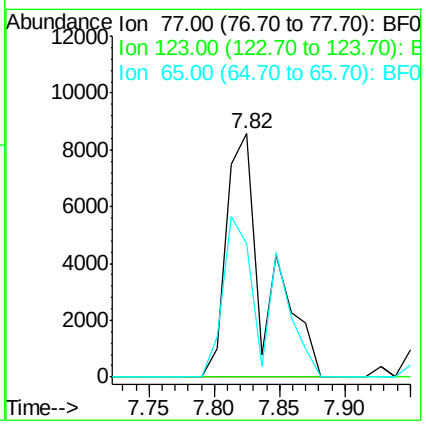


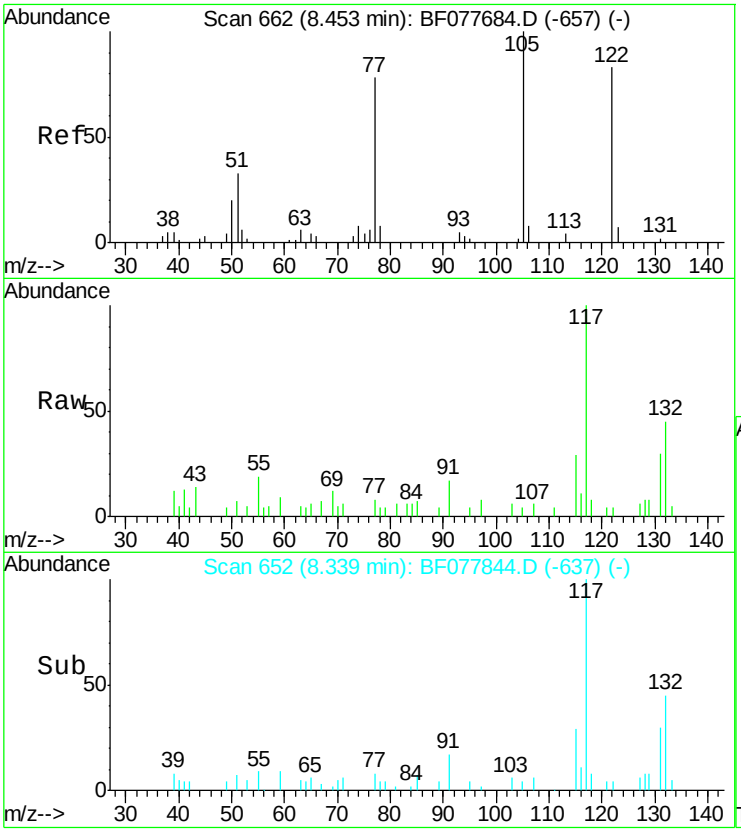


#24
Nitrobenzene
Concen: 7.11 ng
RT: 7.82 min Scan# 607
Delta R.T. -0.05 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion: 77 Resp: 18054

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	54.8	10.9	16.3#



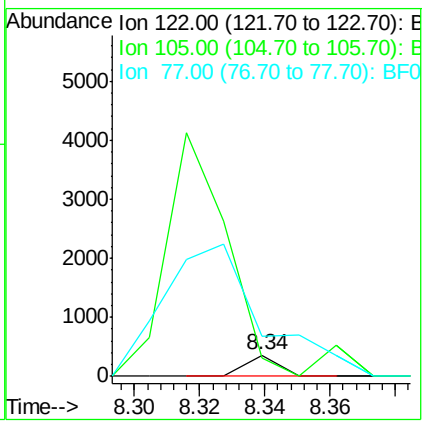


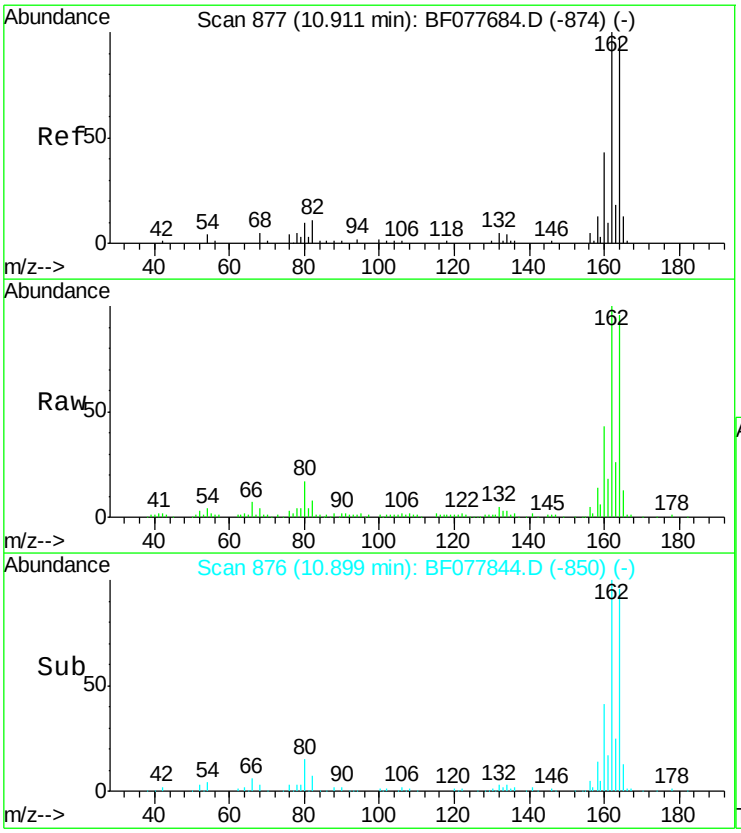
#32
Benzoic acid
Concen: 3.28 ng
RT: 8.34 min Scan# 652
Delta R.T. -0.13 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:122 Resp: 248

Ion	Ratio	Lower	Upper
122	100		
105	86.4	99.9	139.9#
77	189.2	73.7	113.7#

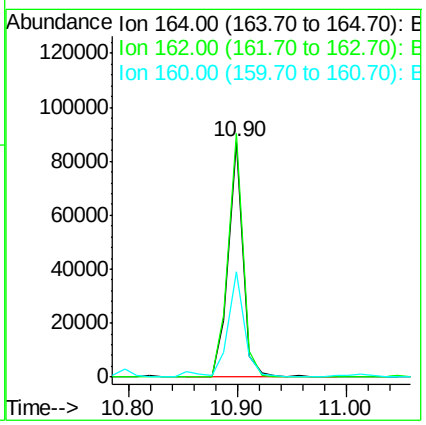


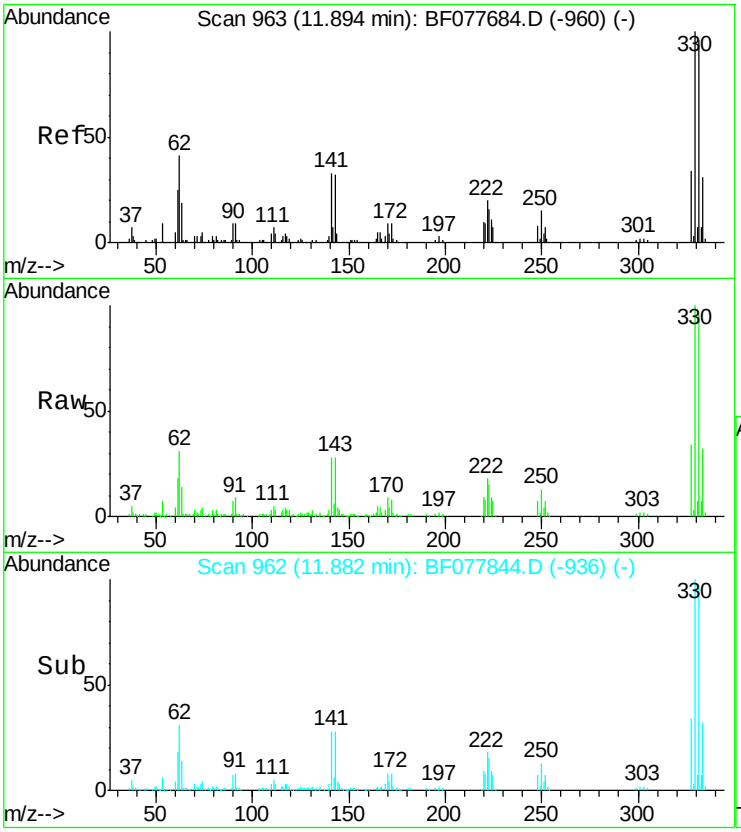


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion:164 Resp: 81946

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.4	123.6
160	44.8	35.8	53.6



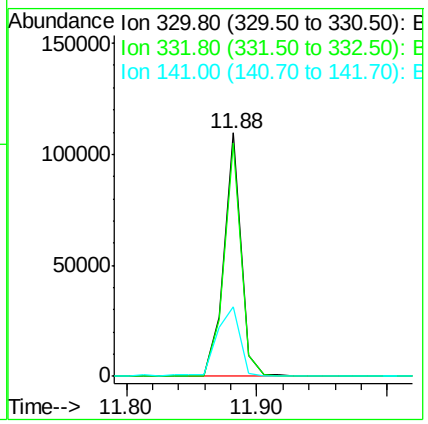


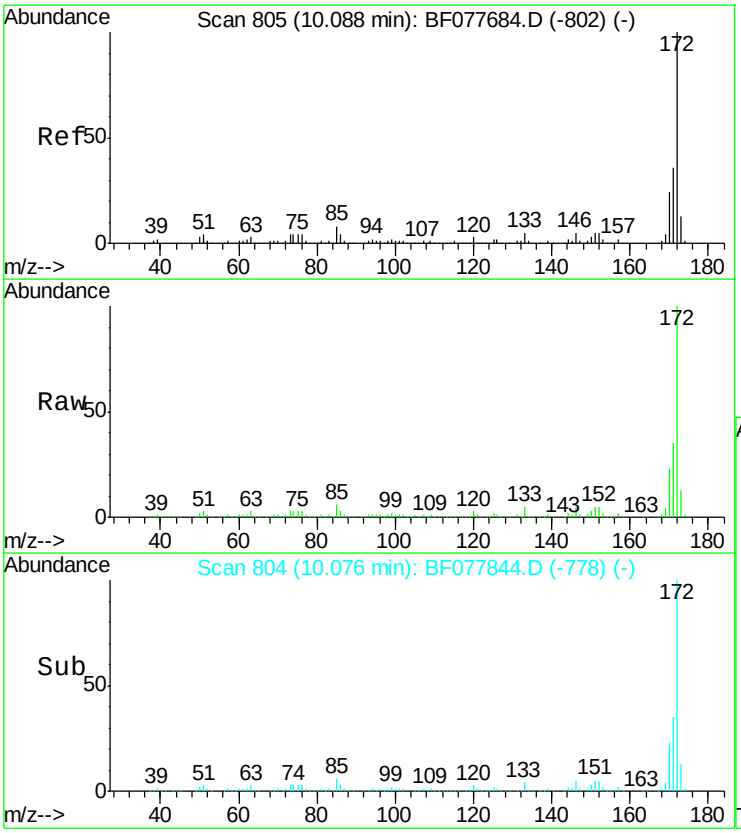
#41
2,4,6-Tribromophenol
Concen: 129.51 ng
RT: 11.88 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:330 Resp: 101539

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	39.5	0.0	0.0#

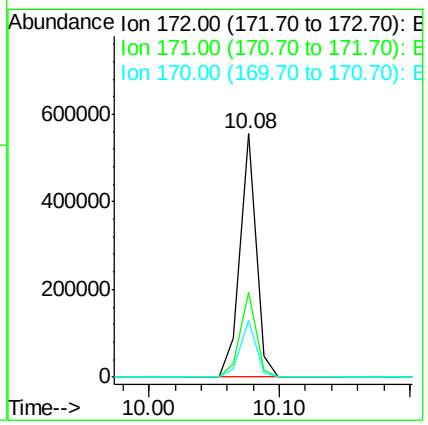


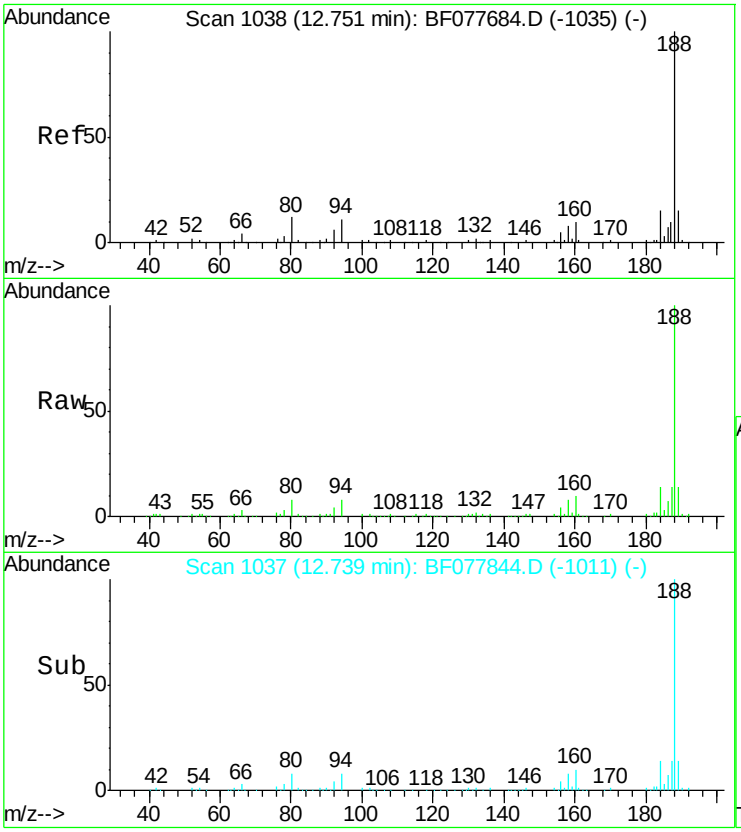


#44
2-Fluorobiphenyl
Concen: 85.68 ng
RT: 10.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion:172 Resp: 477781

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.4	18.8	28.2



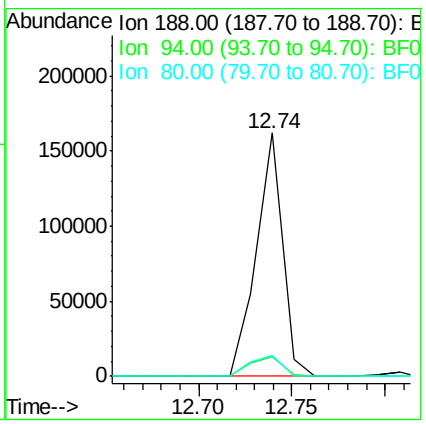


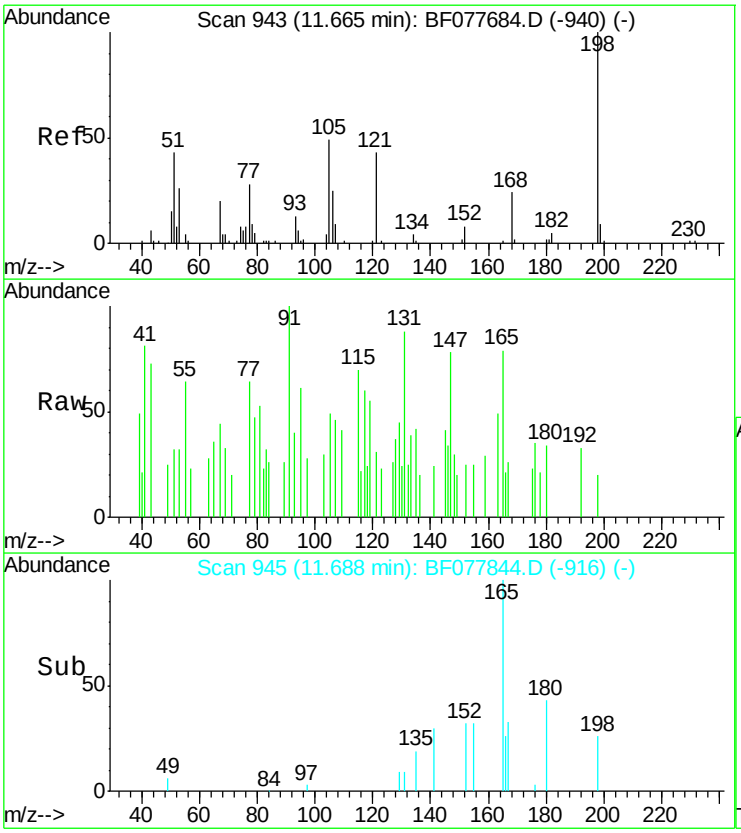
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:188 Resp: 157347

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	8.4	9.3	13.9#

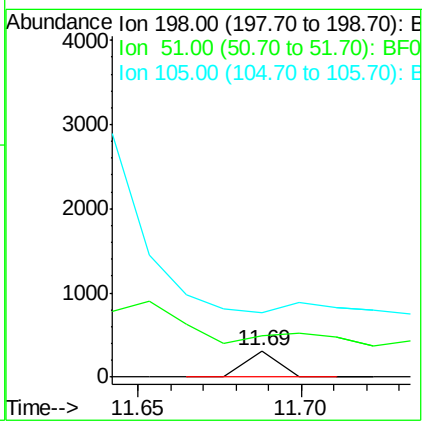


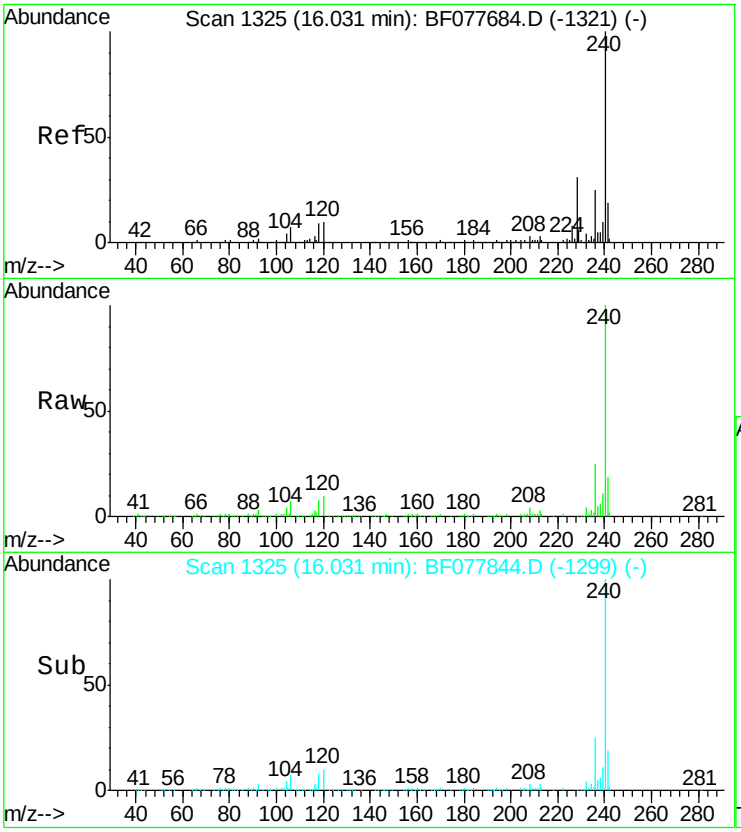


#64
4,6-Dinitro-2-methylphenol
Concen: 4.56 ng
RT: 11.69 min Scan# 945
Delta R.T. 0.03 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion:198 Resp: 215

Ion	Ratio	Lower	Upper
198	100		
51	157.5	28.8	68.8#
105	243.1	30.5	70.5#



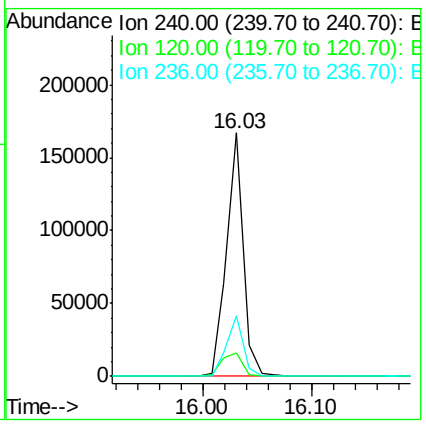


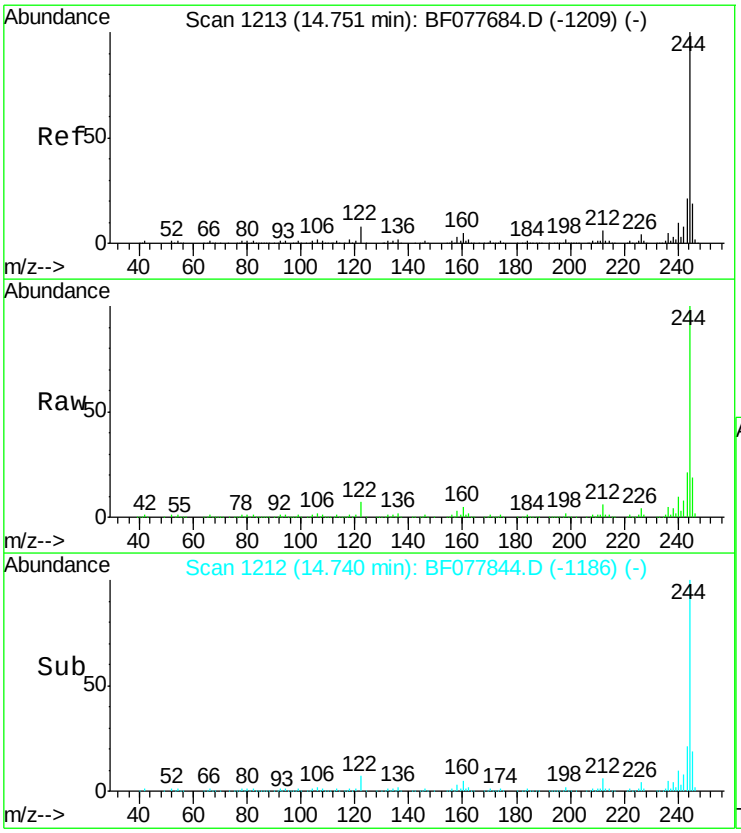
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:240 Resp: 176492

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.2	12.2
236	24.8	20.0	30.0

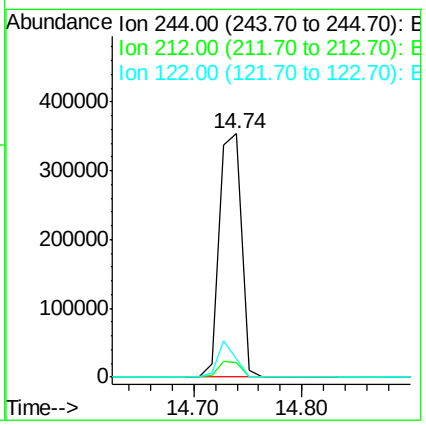


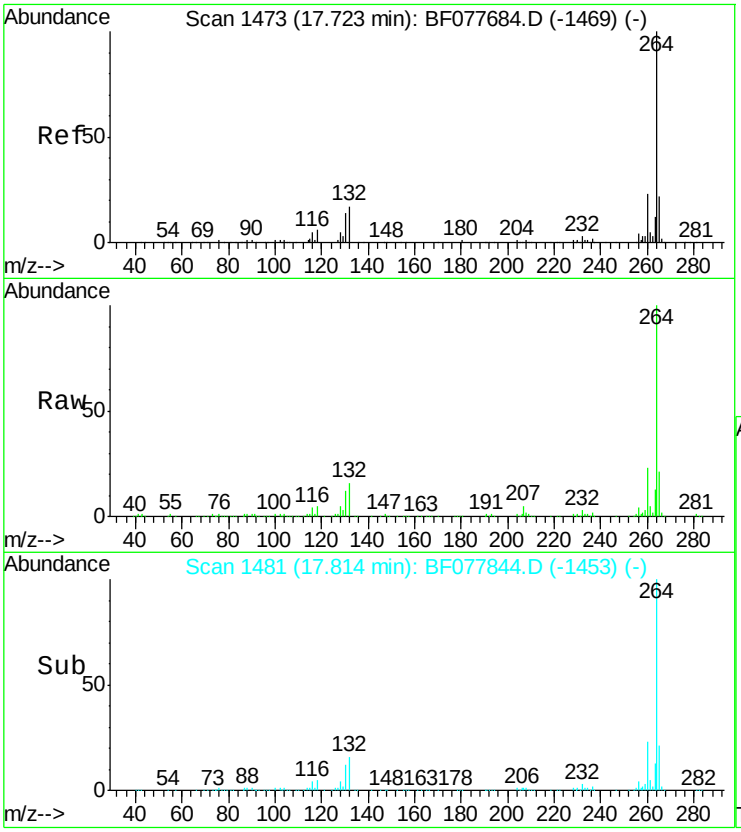


#78
Terphenyl-d14
Concen: 68.51 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion:244 Resp: 495004

Ion	Ratio	Lower	Upper
244	100		
212	5.9	4.9	7.3
122	7.4	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1481
Delta R.T. 0.02 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:264 Resp: 176382

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	20.9	17.3	25.9