Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094613.D
Acq On : 25 Apr 2017 18:53
Operator : SJ/MA
Sample : I2824-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 26 01:26:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	118696	20.00	ng		-0.01
21) Naphthalene-d8	7.25	136	473233	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	201077	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	326832	20.00	ng		-0.02
75) Chrysene-d12	14.45	240	242731	20.00	ng		-0.01
86) Perylene-d12	16.08	264	226996	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	2798	0.39	ng		0.03
7) Phenol-d6	5.38	99	57851	6.86	ng		0.00
23) Nitrobenzene-d5	6.40	82	545336	71.16	ng		-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	8.57	172	1030197	75.38	ng		-0.02
78) Terphenyl-d14	13.18	244	670762	73.86	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.40	70	70701	12.65	ng	#	76
25) Isophorone	6.71	82	63517	4.47	ng		95
49) Dimethylphthalate	9.07	163	53182	3.55	ng		98
50) 2,6-Dinitrotoluene	9.38	165	26031	7.74	ng	#	33
56) 2,4-Dinitrotoluene	9.38	165	26031	6.31	ng	#	32

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

Quantitation Report (Not Reviewed)

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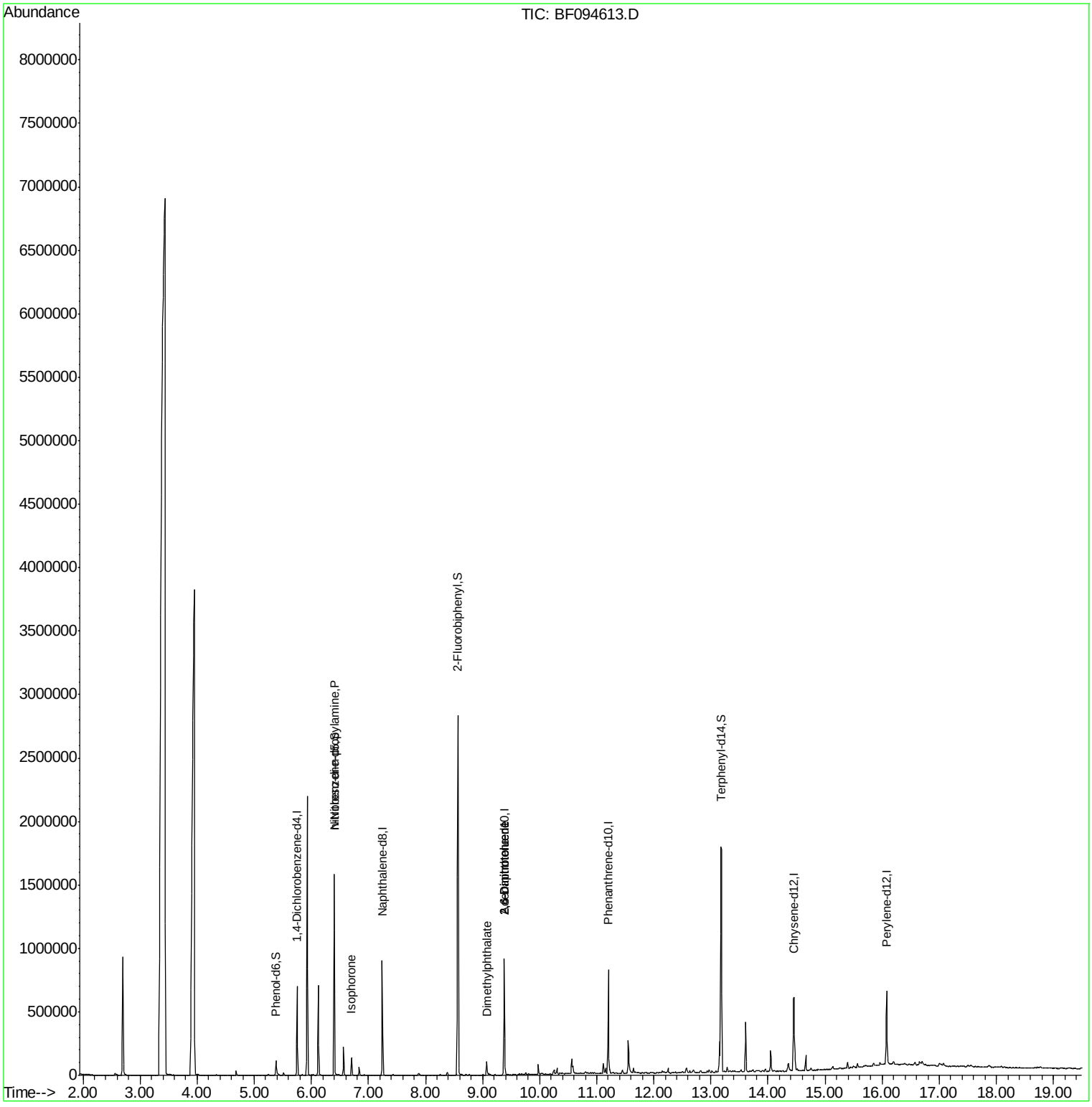
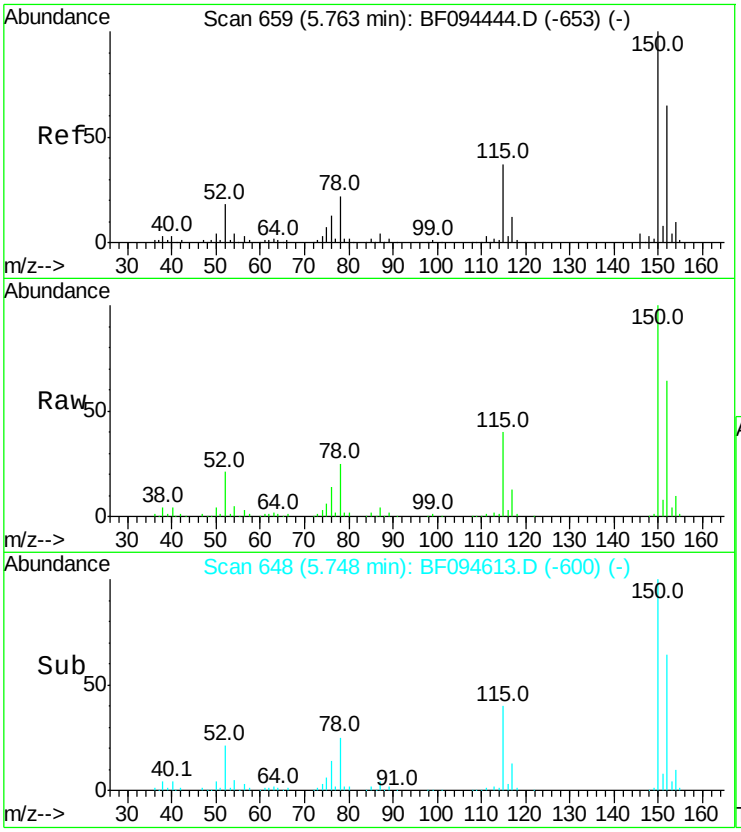


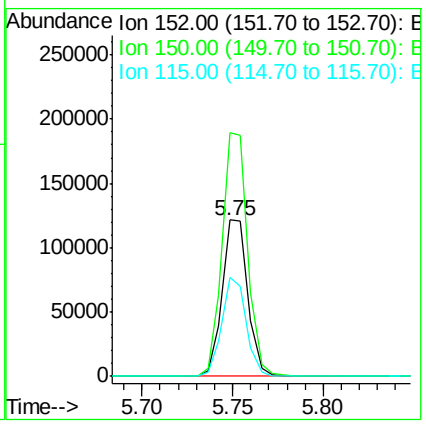


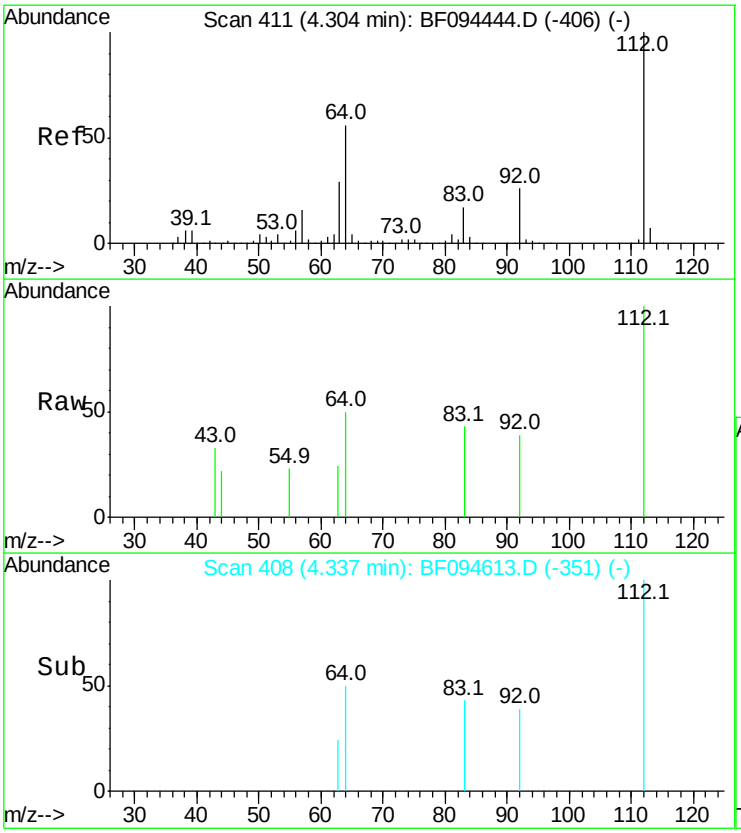
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 118696

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	63.0	52.2	78.2

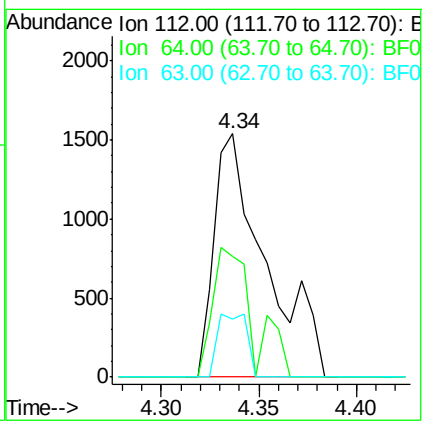


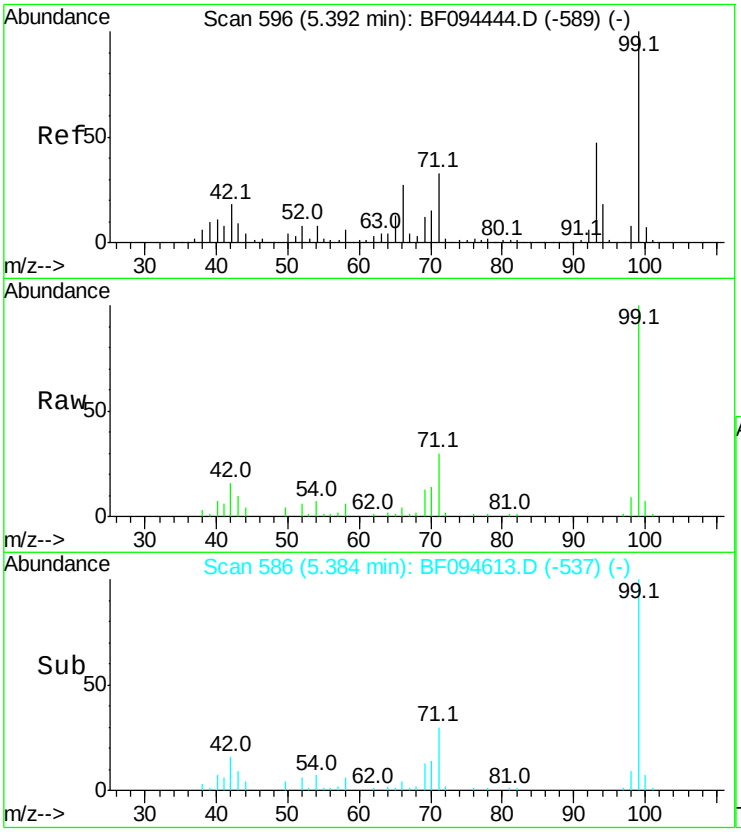


#5
2-Fluorophenol
Concen: 0.39 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion:112 Resp: 2798

Ion	Ratio	Lower	Upper
112	100		
64	49.7	46.0	69.0
63	24.0	23.4	35.0



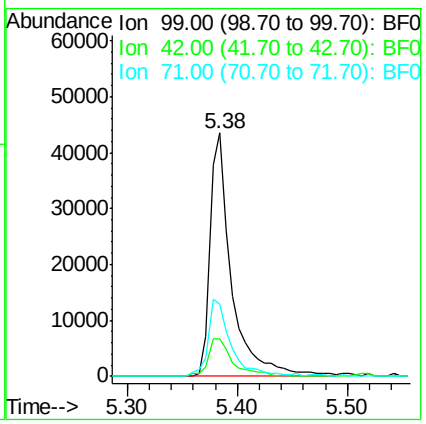


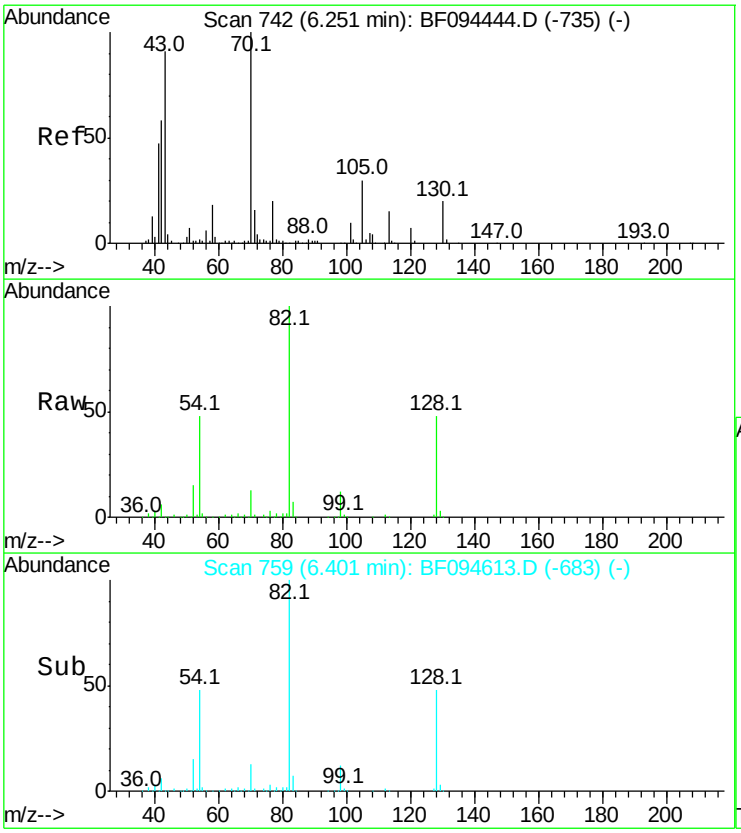
#7
Phenol-d6
Concen: 6.86 ng
RT: 5.38 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 57851

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	29.5	24.5	36.7

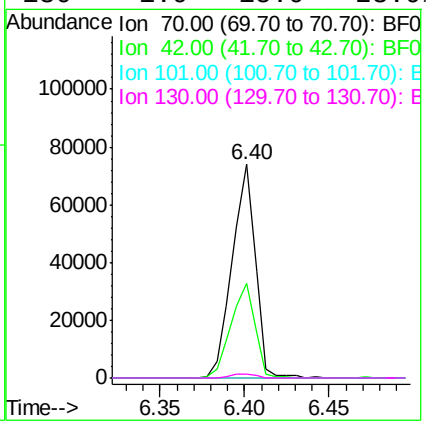


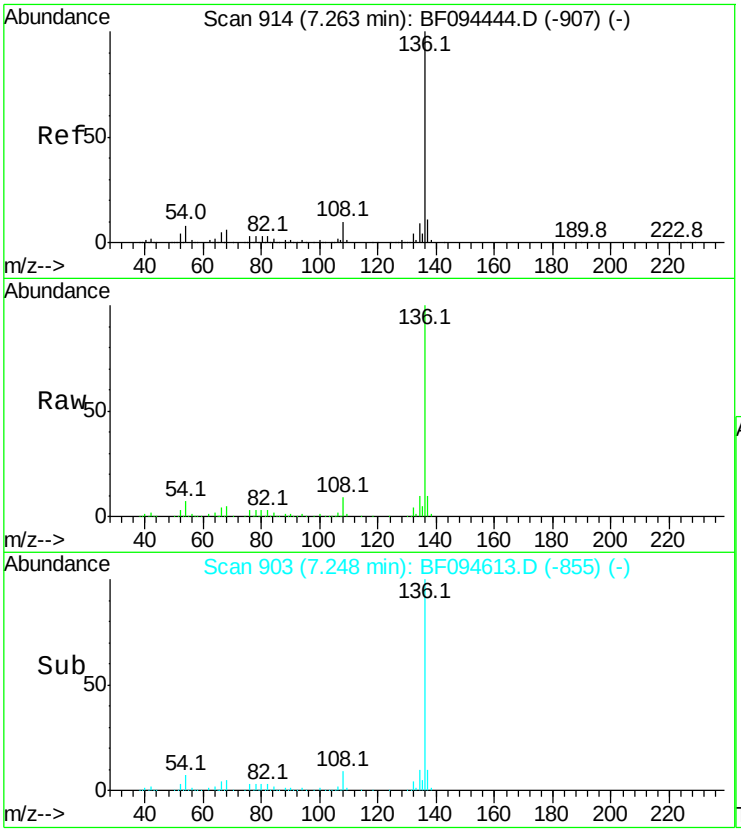


#19
n-Nitroso-di-n-propylamine
Concen: 12.65 ng
RT: 6.40 min Scan# 759
Delta R.T. 0.15 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion: 70 Resp: 70701

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



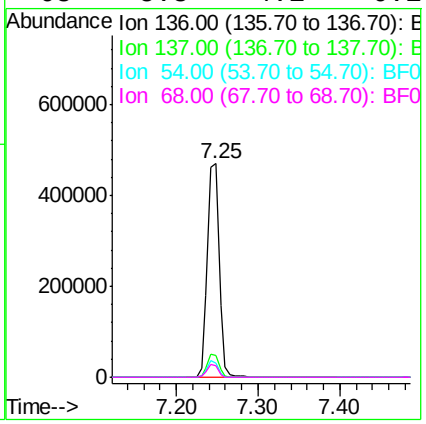


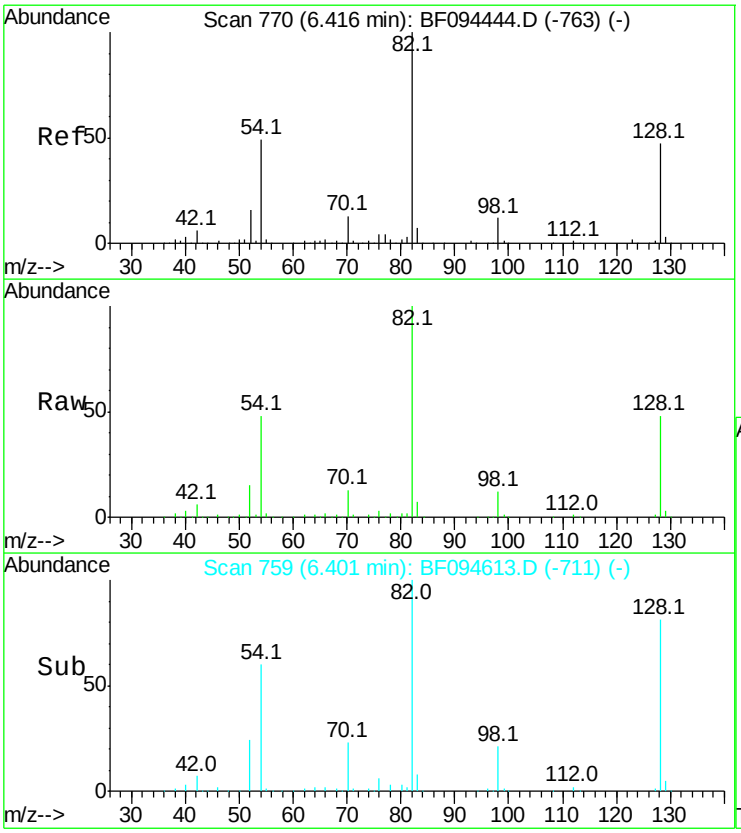
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 473233

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.5	4.9	7.3
68	5.3	4.1	6.1

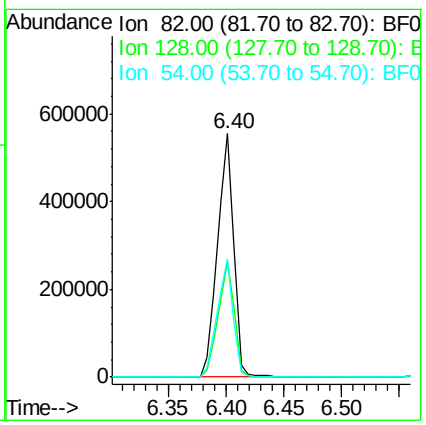


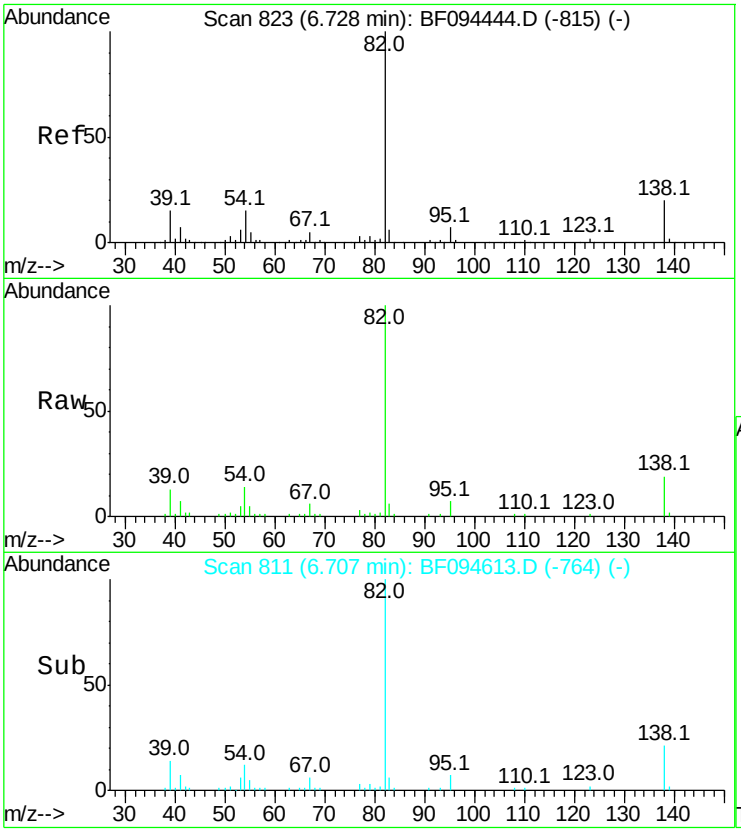


#23
Nitrobenzene-d5
Concen: 71.16 ng
RT: 6.40 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion: 82 Resp: 545336

Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	48.4	42.2	63.2



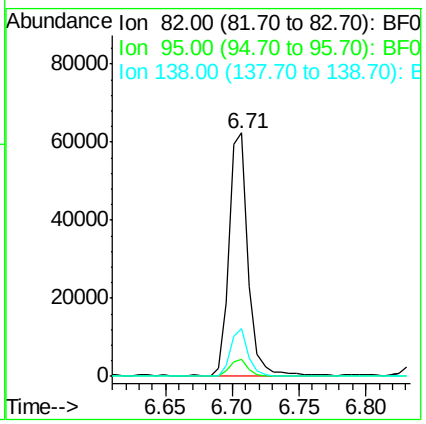


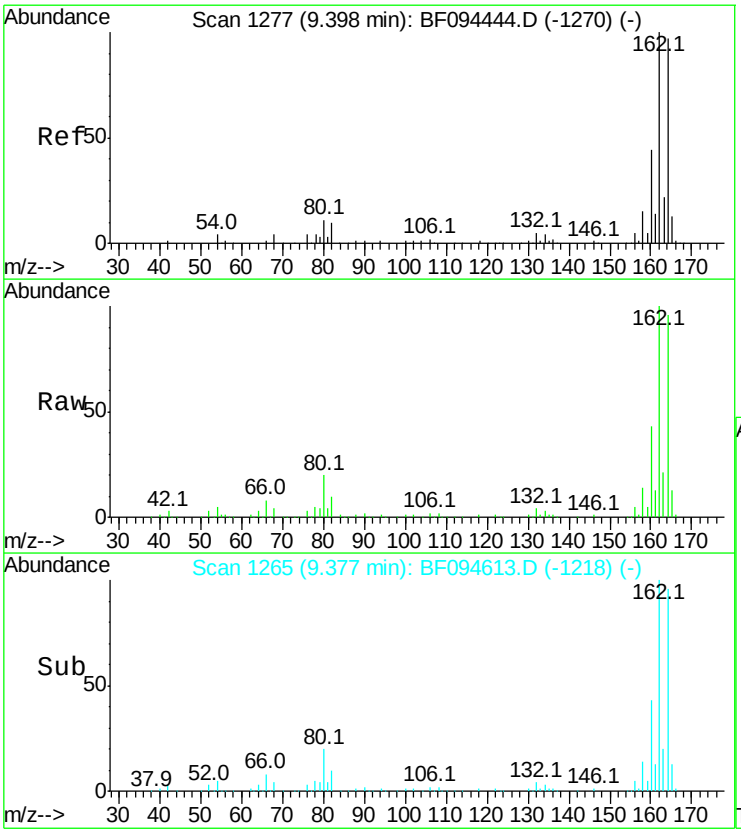
#25
Isophorone
Concen: 4.47 ng
RT: 6.71 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 63517

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.3	7.9
138	19.5	13.1	19.7

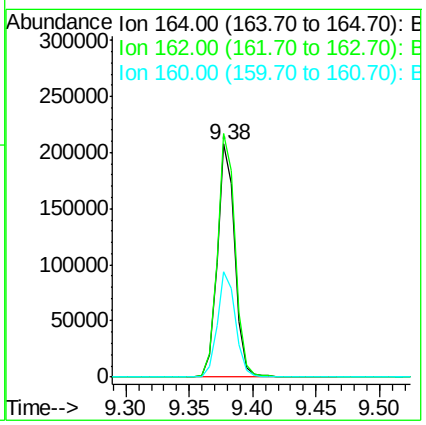


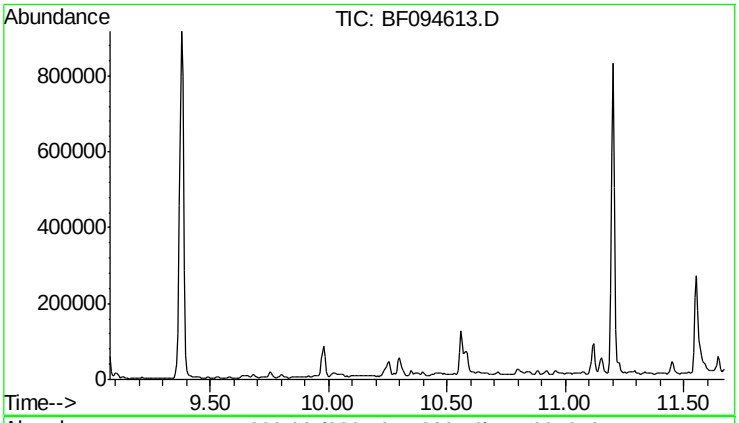


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion:164 Resp: 201077

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	45.3	36.2	54.2





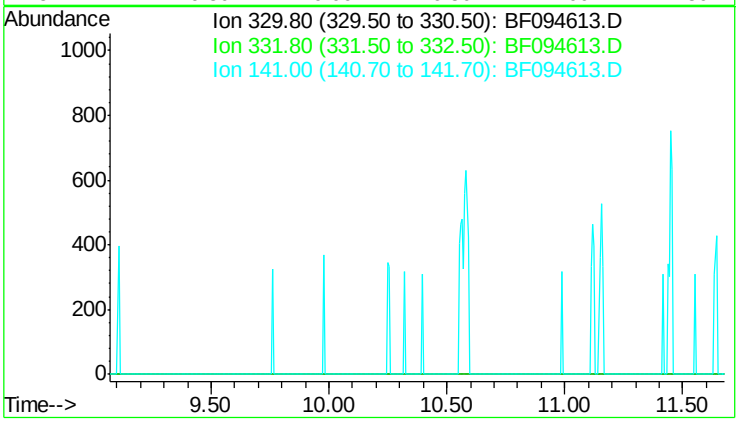
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.37 min

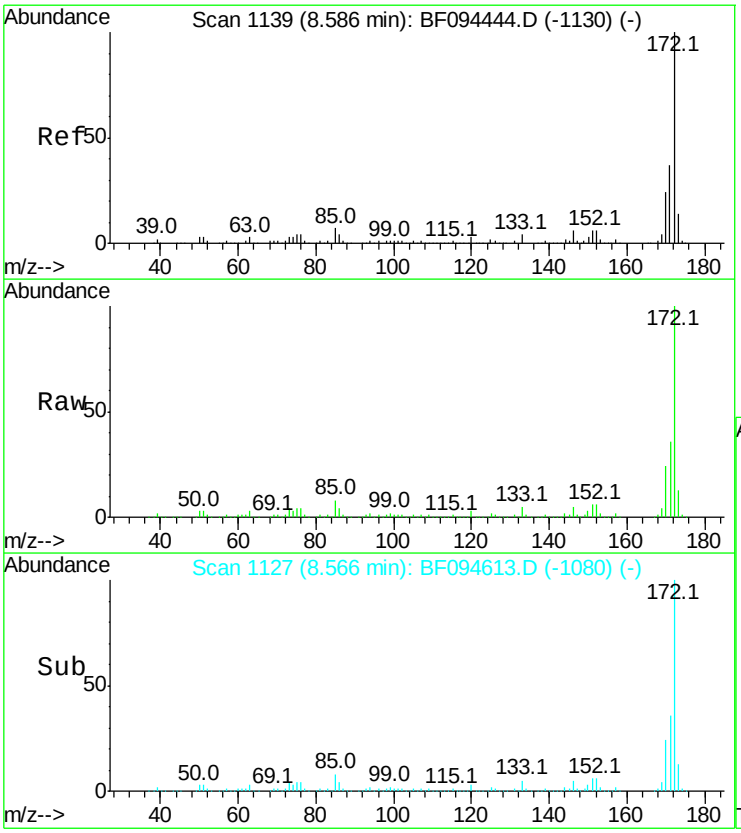
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.8
141	39.3

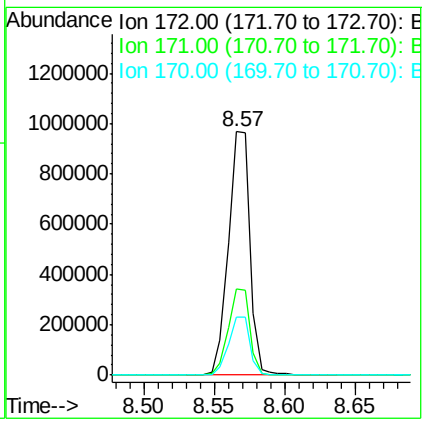


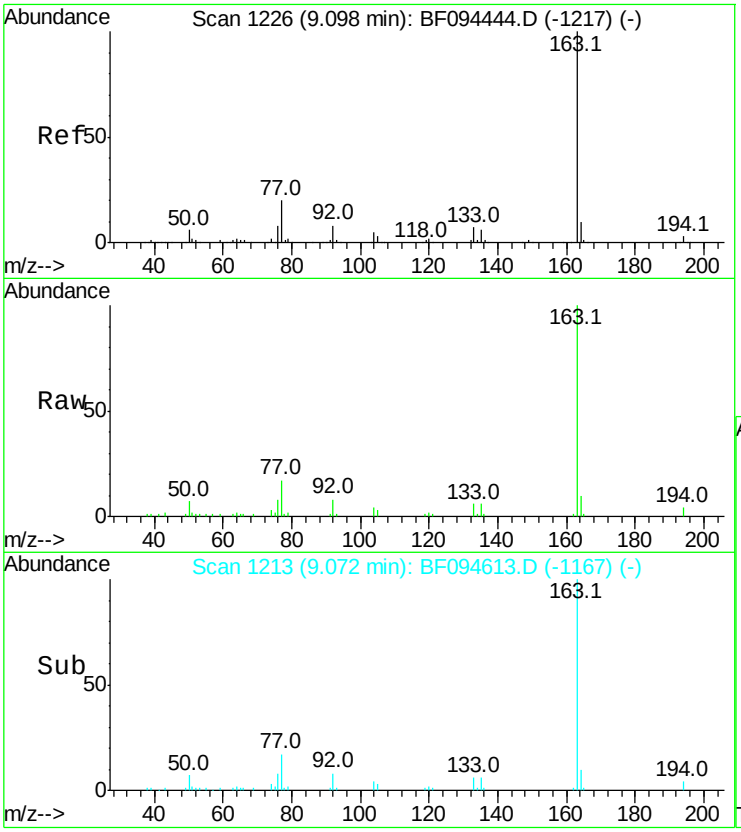


#44
2-Fluorobiphenyl
Concen: 75.38 ng
RT: 8.57 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion:172 Resp: 1030197

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.9	19.8	29.8



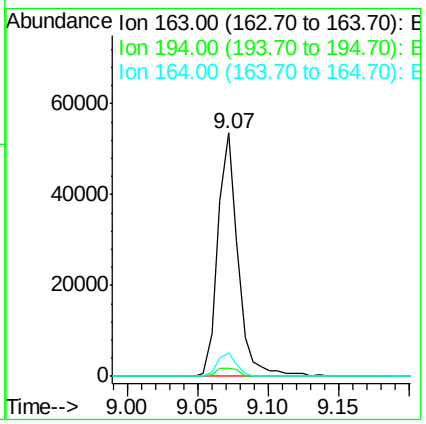


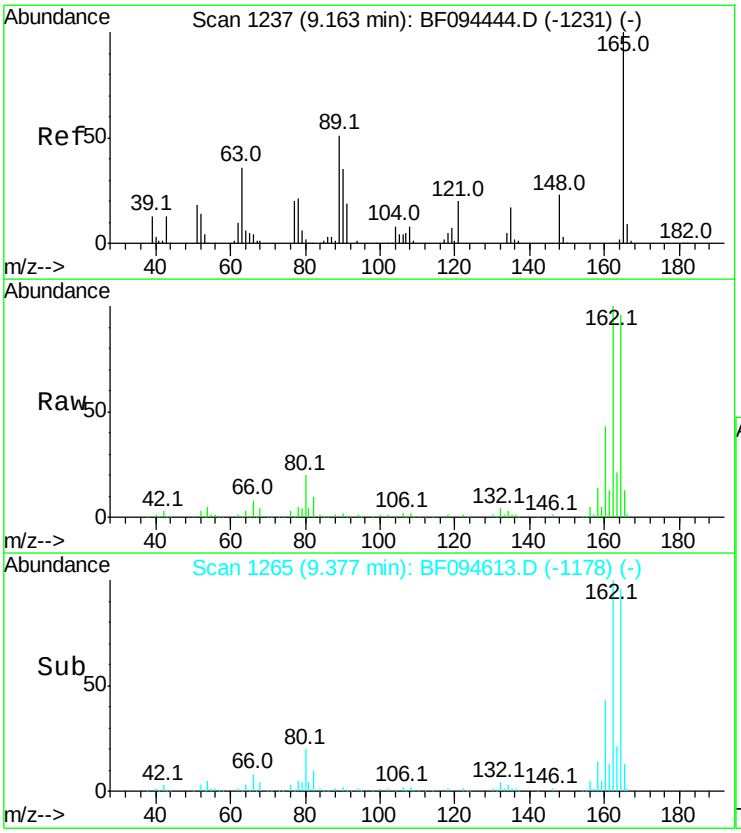
#49
Dimethylphthalate
Concen: 3.55 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 53182

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.6	8.4	12.6

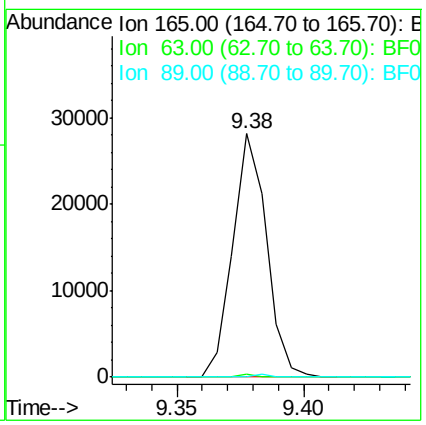


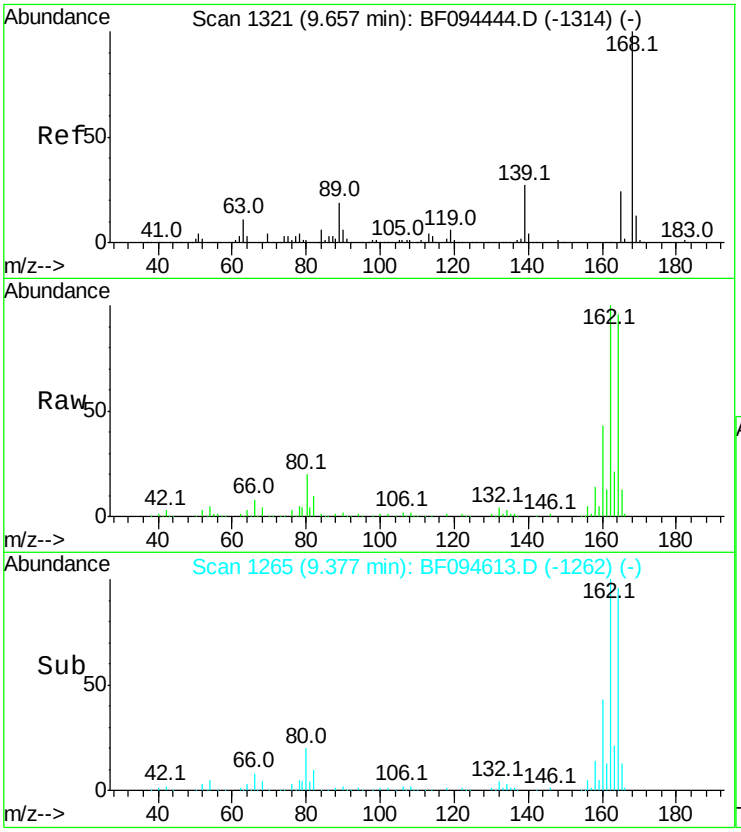


#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.38 min Scan# 1265
Delta R.T. 0.21 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion:165 Resp: 26031

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	0.0	37.1	55.7#



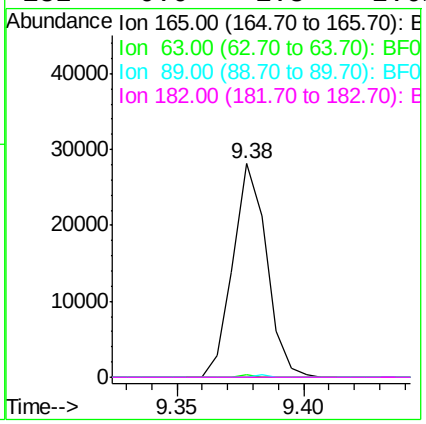


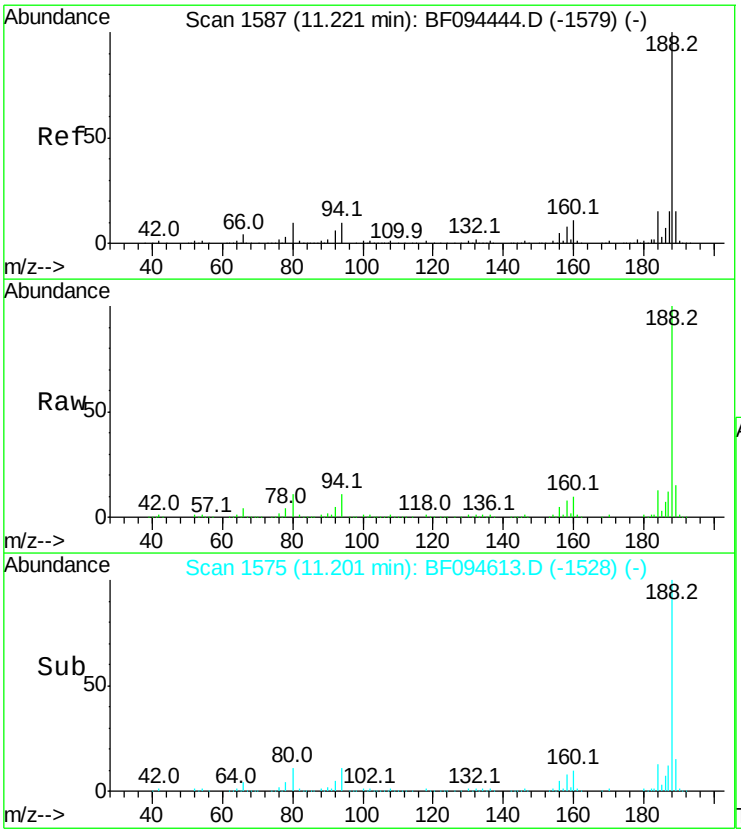
#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.28 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26031

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

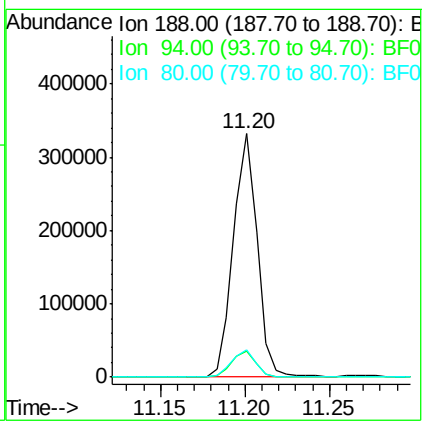


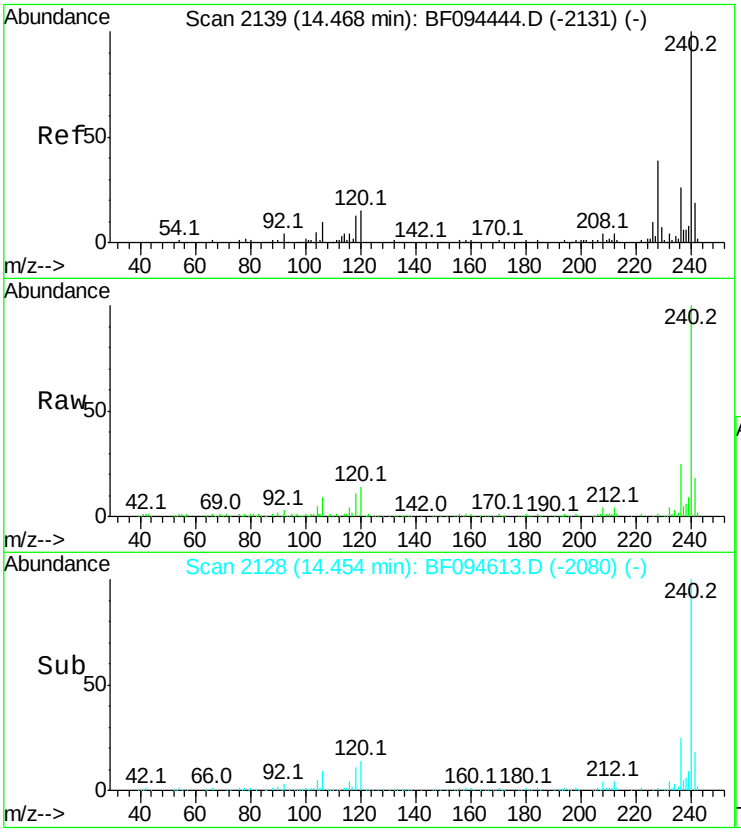


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion:188 Resp: 326832

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.3	10.2	15.2



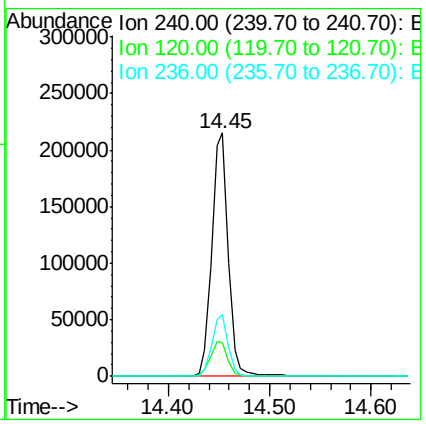


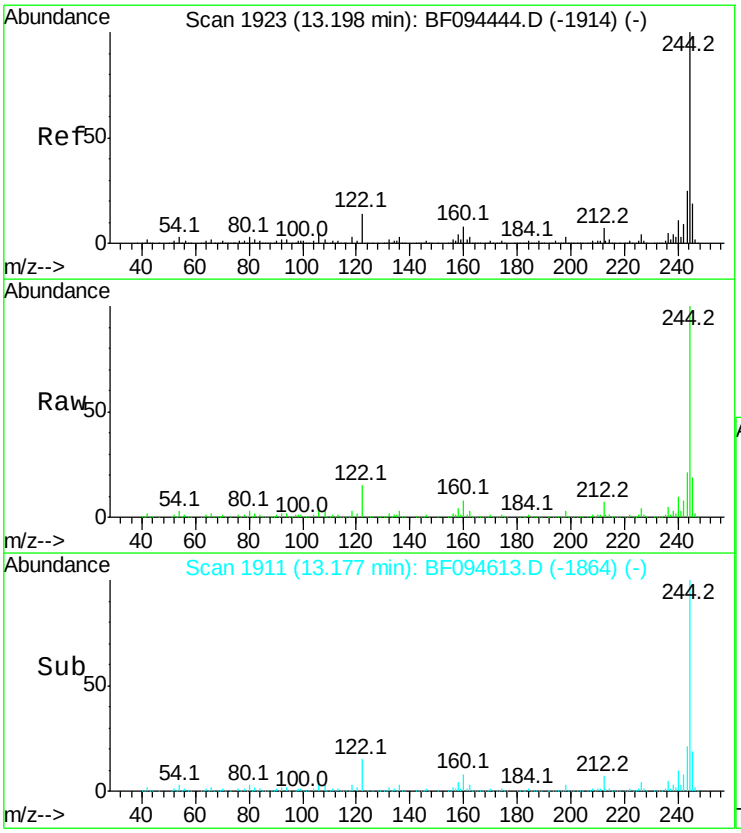
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 242731

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.5	20.5	30.7

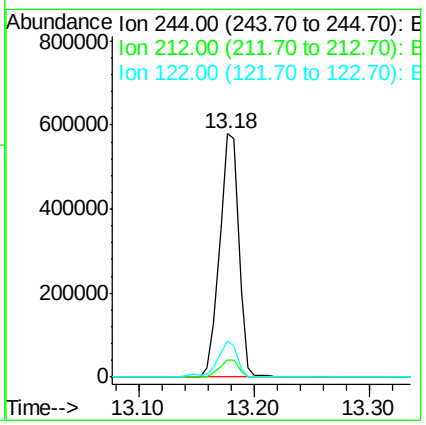


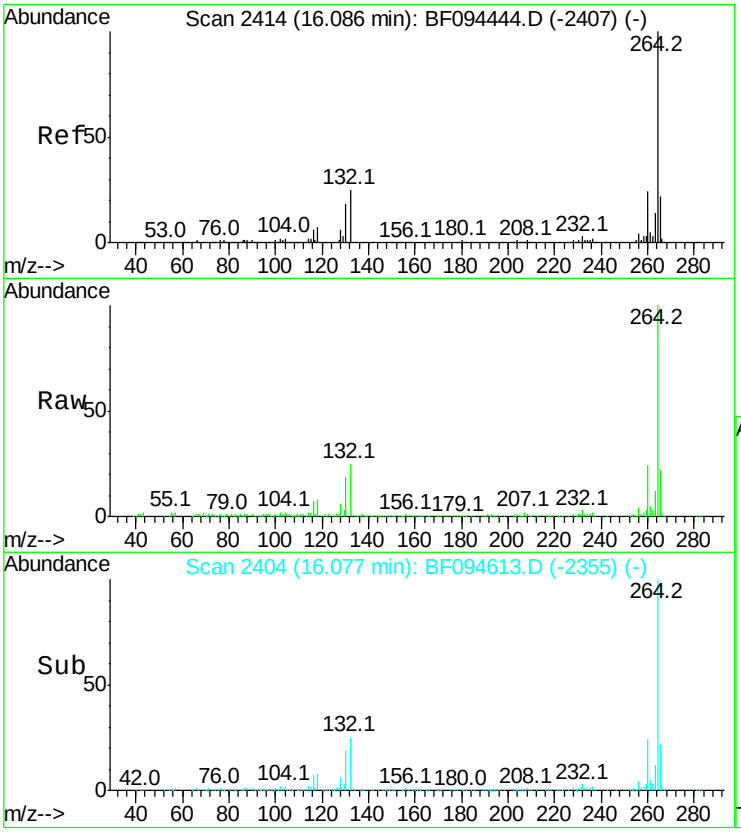


#78
Terphenyl-d14
Concen: 73.86 ng
RT: 13.18 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion:244 Resp: 670762

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.0	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 226996

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.9	17.2	25.8