Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094263.D
Acq On : 7 Apr 2017 9:39
Operator : SJ/MA
Sample : I2572-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 07 13:23:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	161200	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	636503	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	277792	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	437605	20.00	ng	0.00
75) Chrysene-d12	14.57	240	302606	20.00	ng	0.00
86) Perylene-d12	16.20	264	255051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1130981	118.50	ng	0.02
7) Phenol-d6	5.47	99	1339932	113.49	ng	0.00
23) Nitrobenzene-d5	6.50	82	936385	83.96	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	289863	132.05	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1638730	89.98	ng	0.00
78) Terphenyl-d14	13.30	244	1118244	82.83	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.50	70	124723	16.44	ng	# 78
50) 2,6-Dinitrotoluene	9.49	165	34858	7.70	ng	# 34
56) 2,4-Dinitrotoluene	9.49	165	34857	6.13	ng	# 33

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

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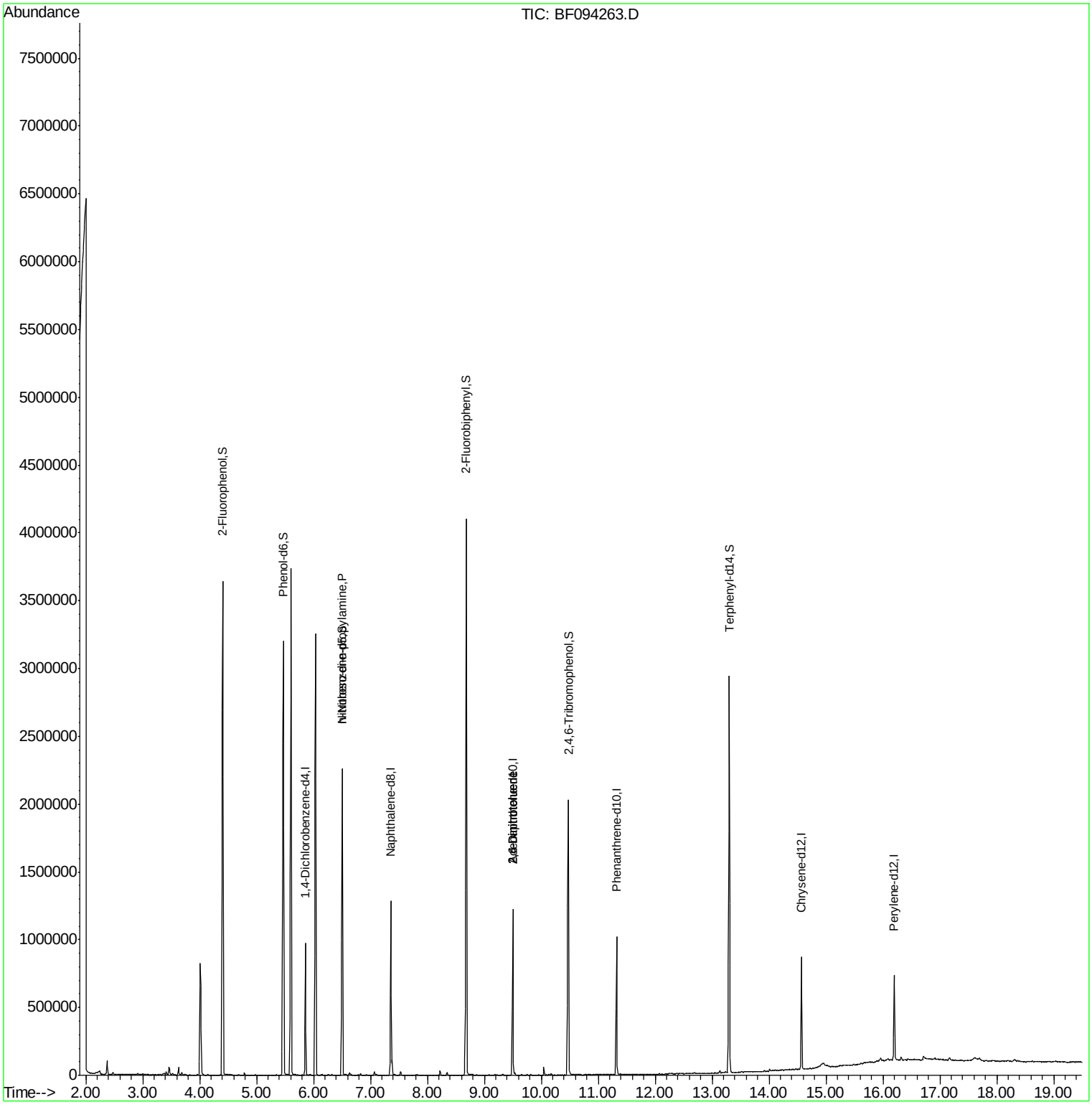
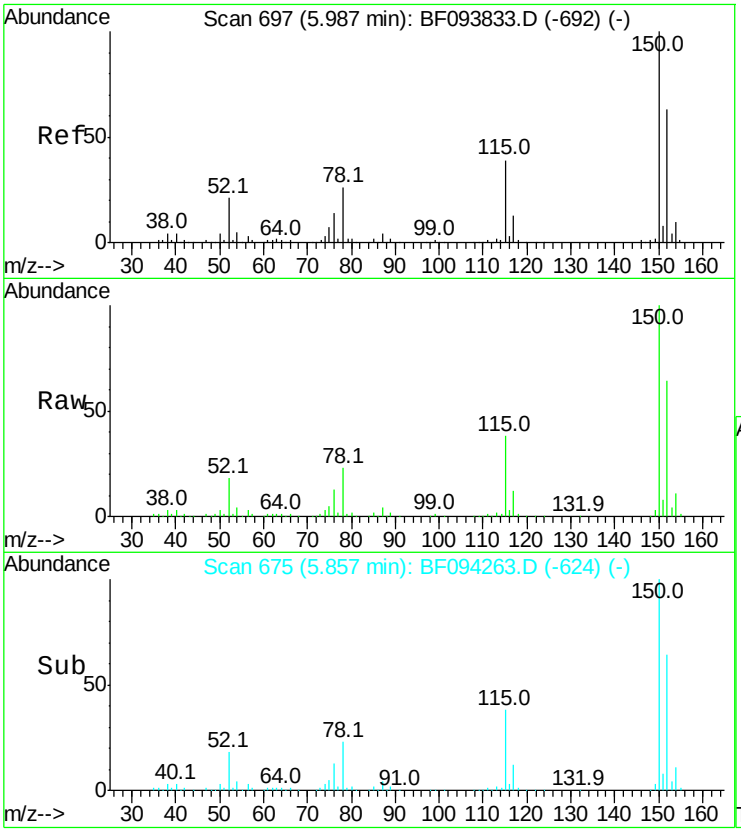


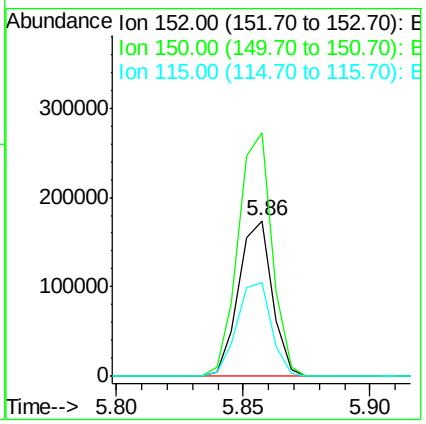


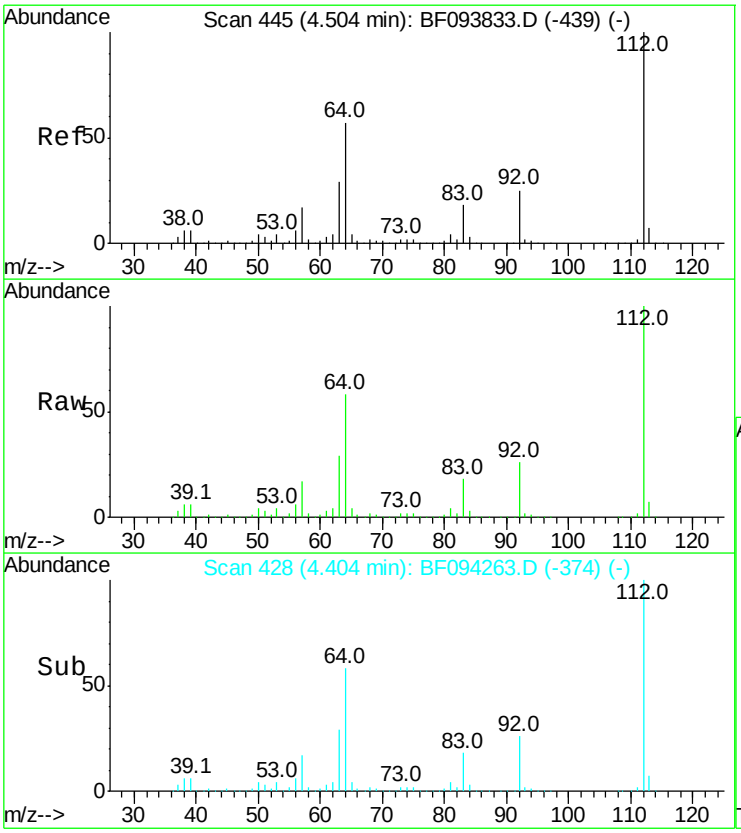
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 161200

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	60.0	52.2	78.2

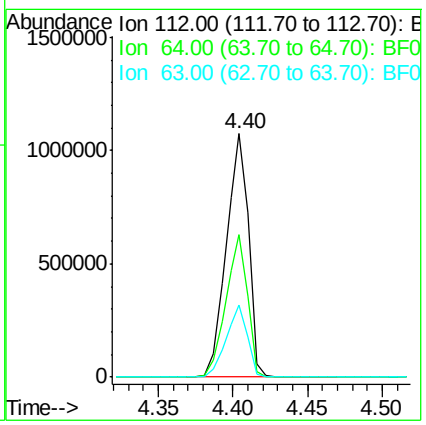


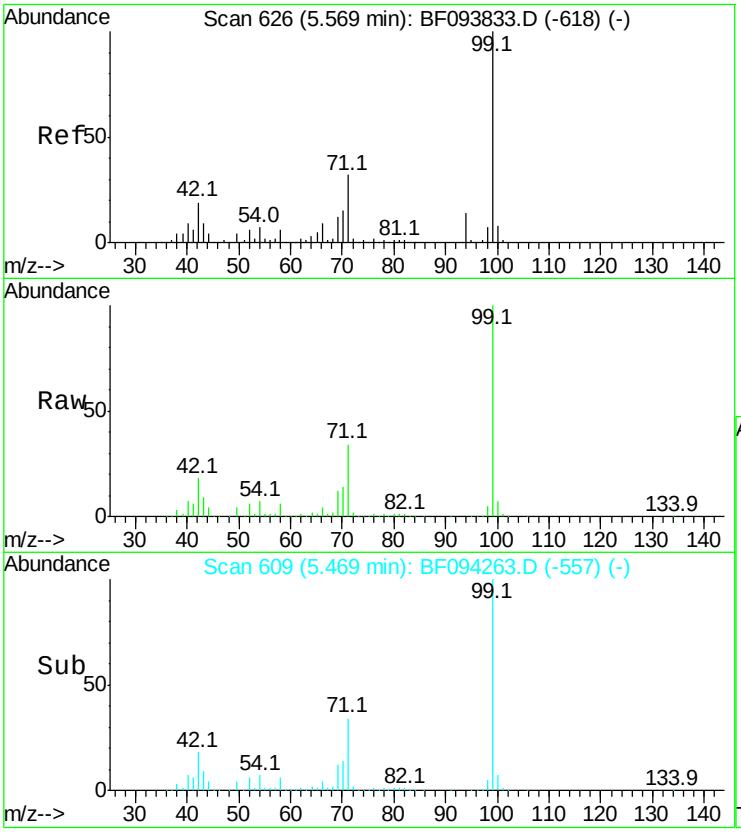


#5
2-Fluorophenol
Concen: 118.50 ng
RT: 4.40 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Tgt Ion:112 Resp: 1130981

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.0	69.0
63	29.5	23.4	35.0



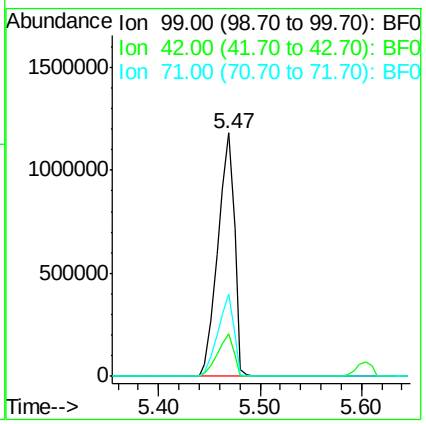


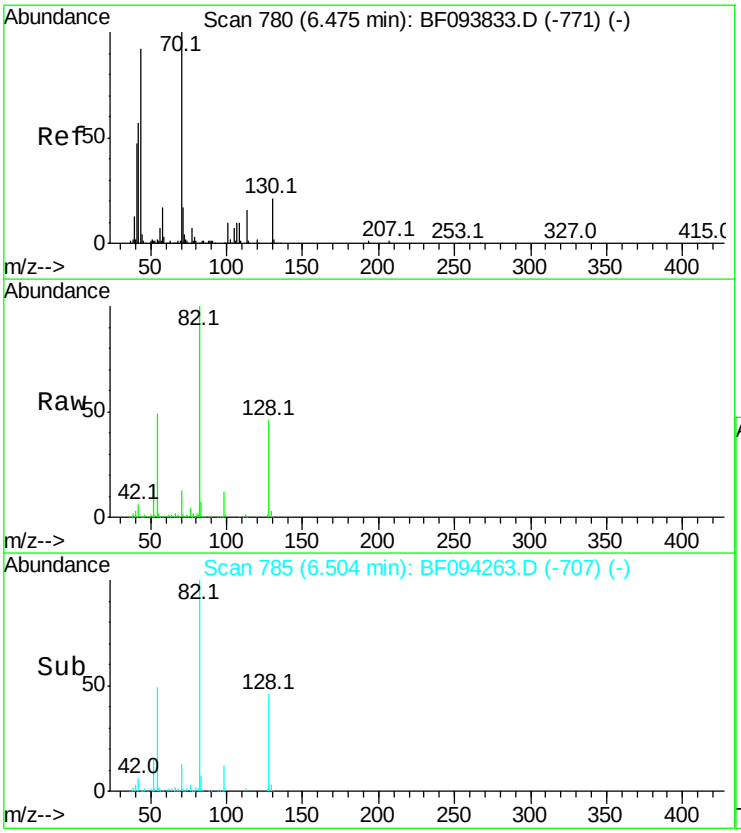
#7
Phenol-d6
Concen: 113.49 ng
RT: 5.47 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1339932

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	33.6	24.5	36.7

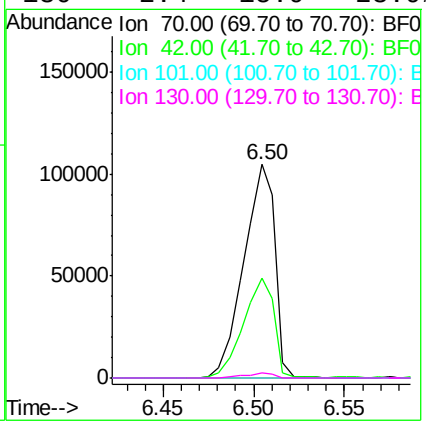


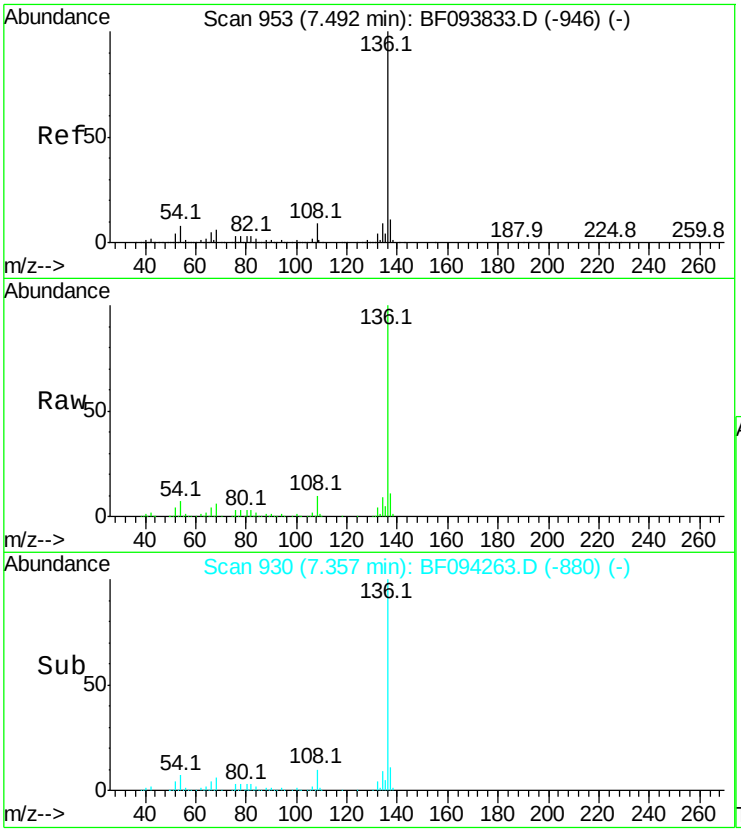


#19
n-Nitroso-di-n-propylamine
Concen: 16.44 ng
RT: 6.50 min Scan# 785
Delta R.T. 0.16 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Tgt Ion: 70 Resp: 124723

Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



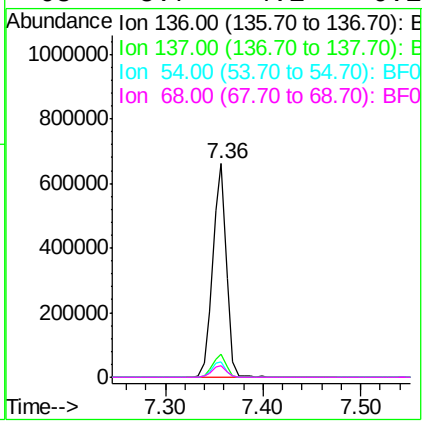


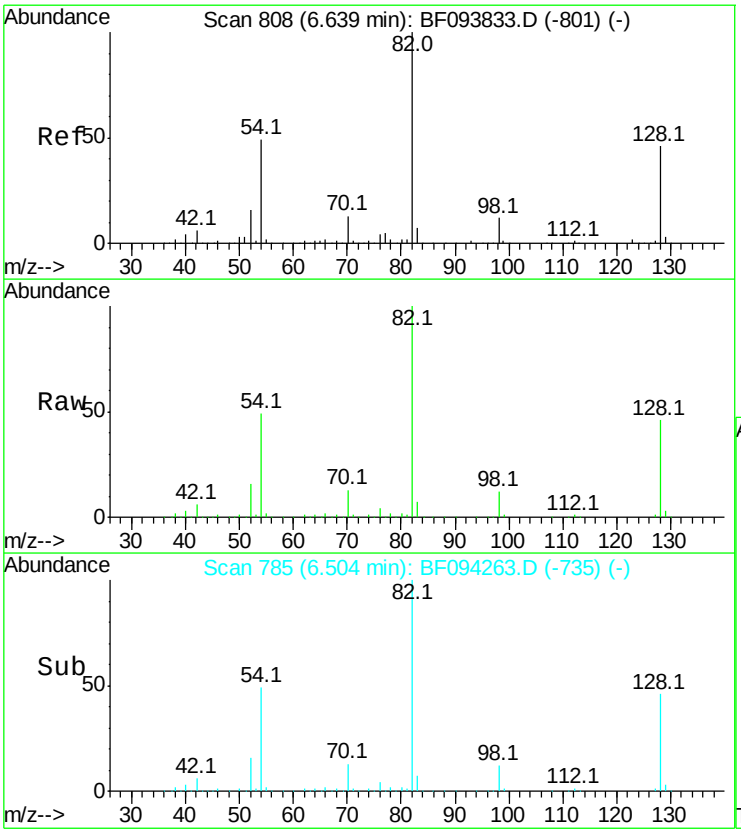
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 636503

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	5.7	4.1	6.1

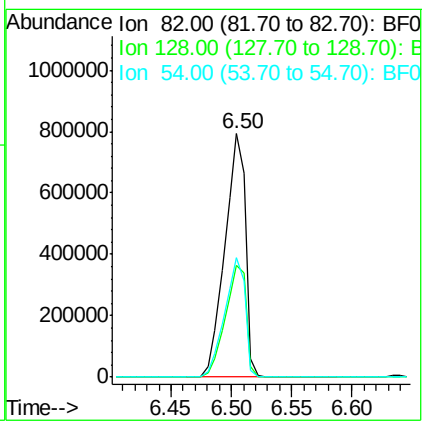


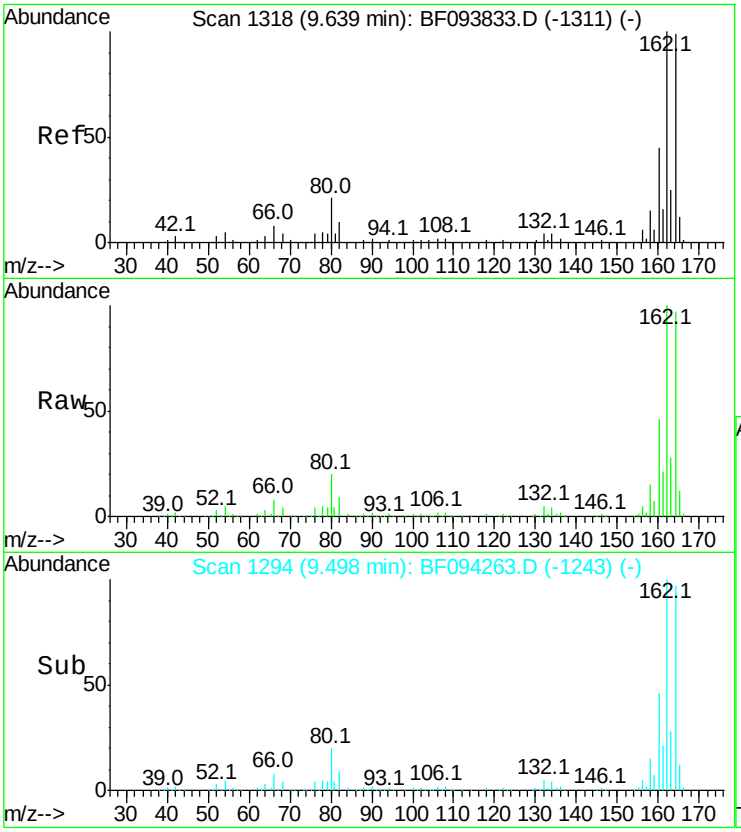


#23
Nitrobenzene-d5
Concen: 83.96 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Tgt Ion: 82 Resp: 936385

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	49.1	42.2	63.2

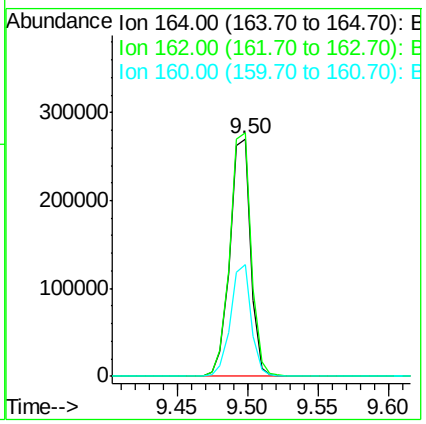




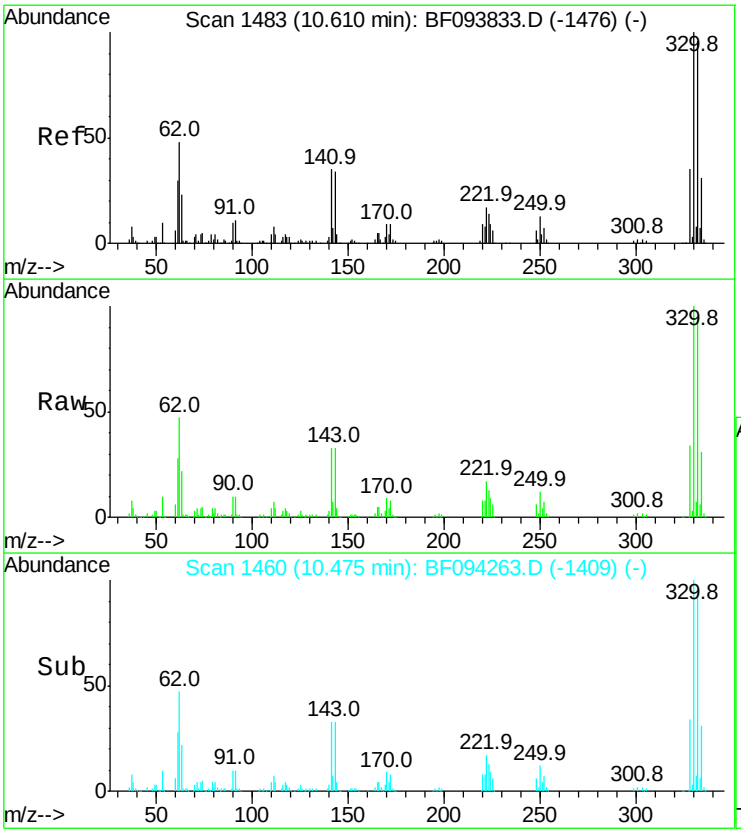
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Tgt Ion:164 Resp: 277792

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	46.8	36.2	54.2



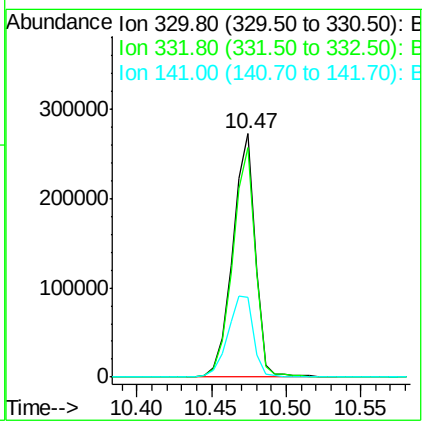
Instrument :
BNA_F
ClientSampleId :

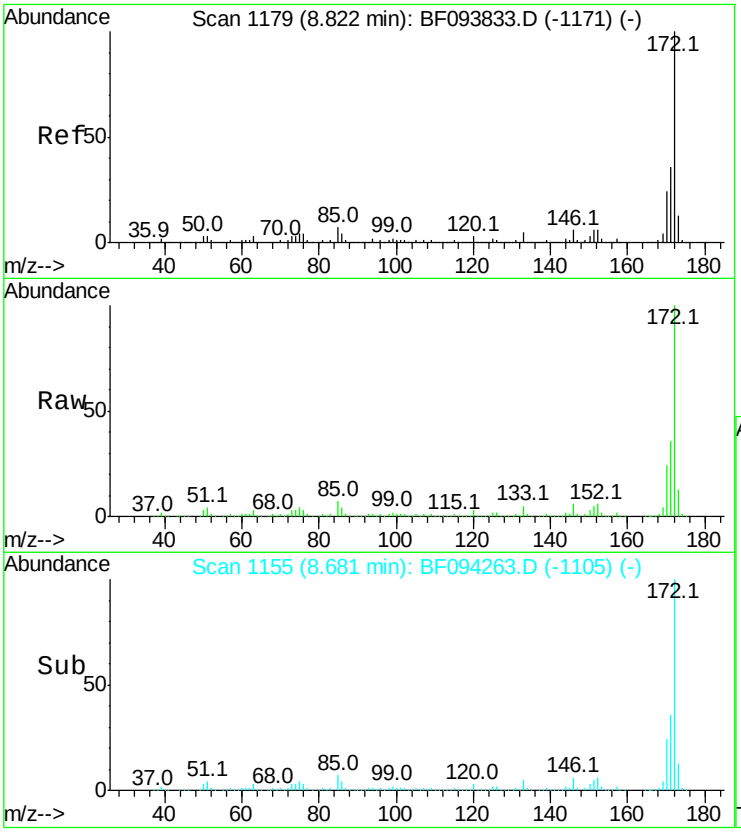


#41
2,4,6-Tribromophenol
Concen: 132.05 ng
RT: 10.47 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Tgt Ion:330 Resp: 289863

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	38.2	31.4	47.2



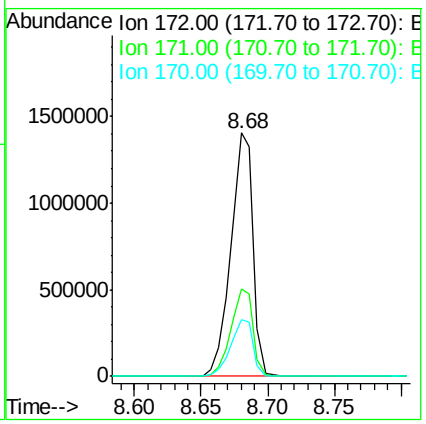


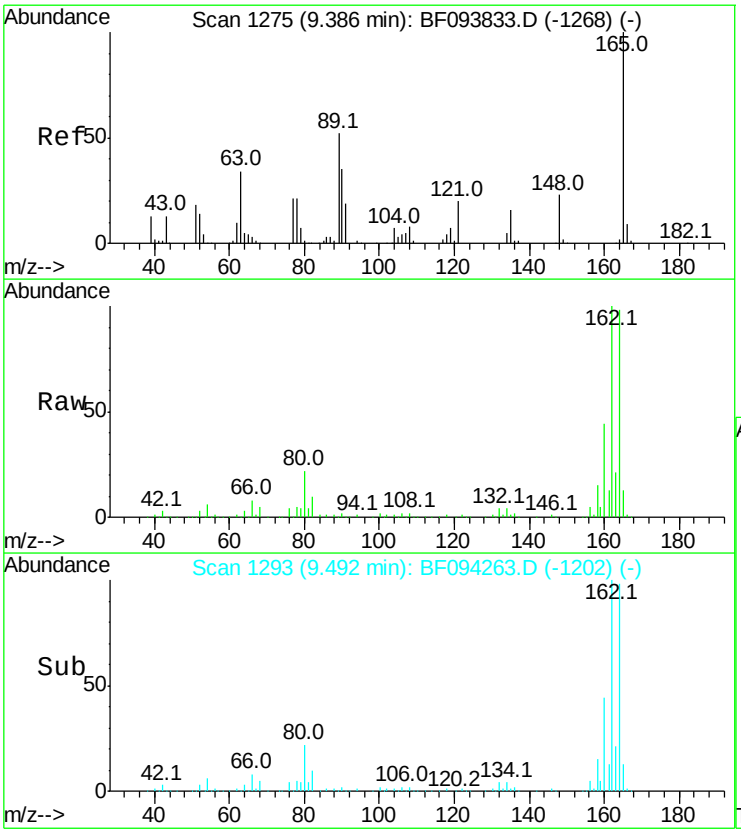
#44
2-Fluorobiphenyl
Concen: 89.98 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1638730

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.5	19.8	29.8

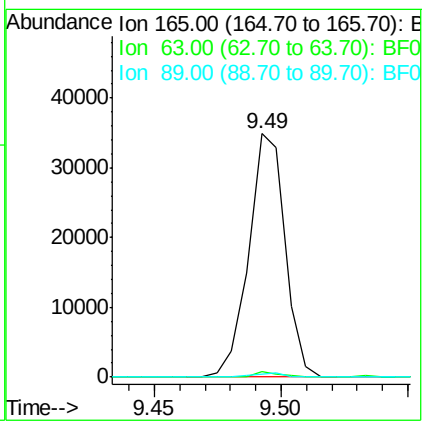


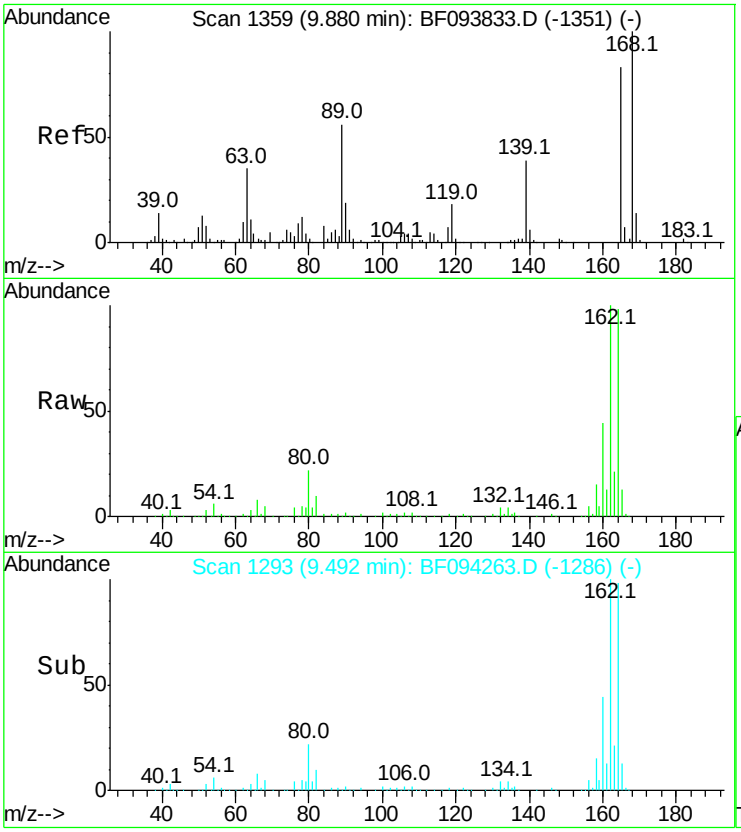


#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.49 min Scan# 1293
Delta R.T. 0.24 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Tgt Ion:165 Resp: 34858

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.4	37.1	55.7#



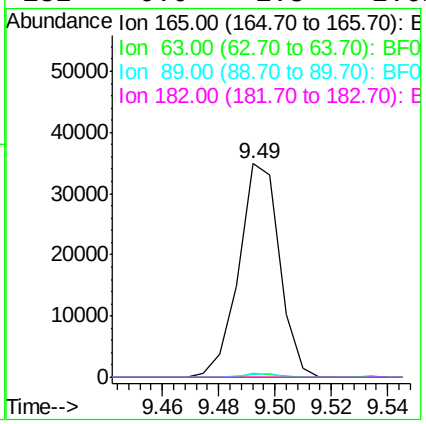


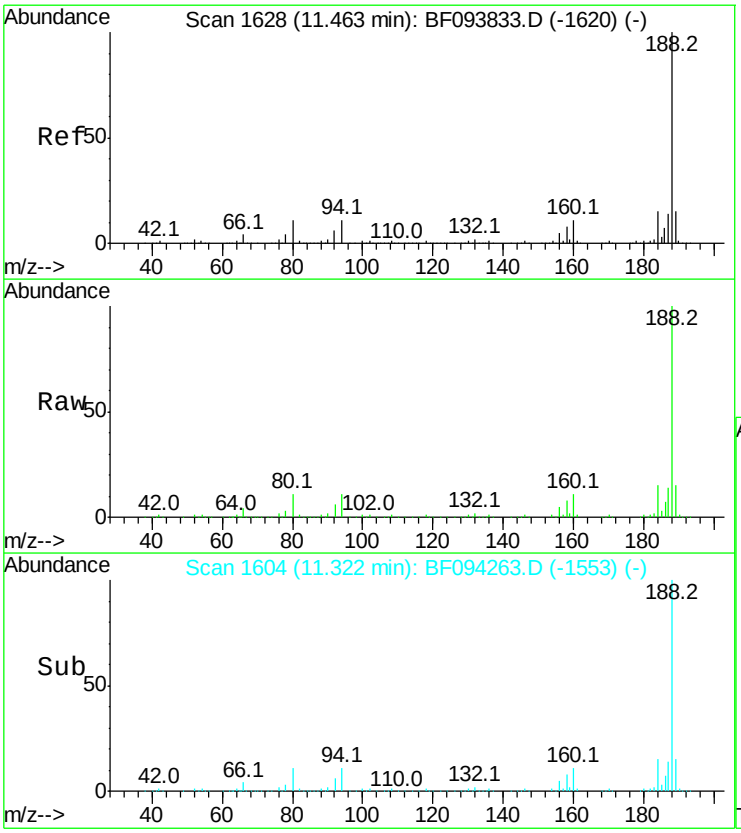
#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.26 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34857

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

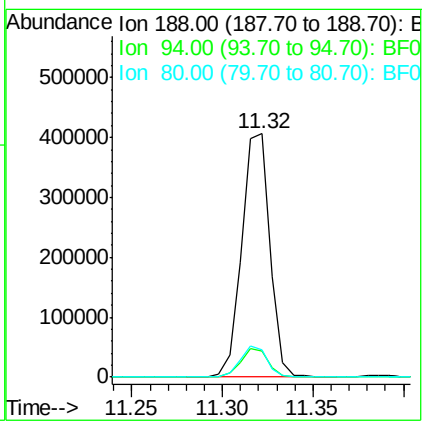


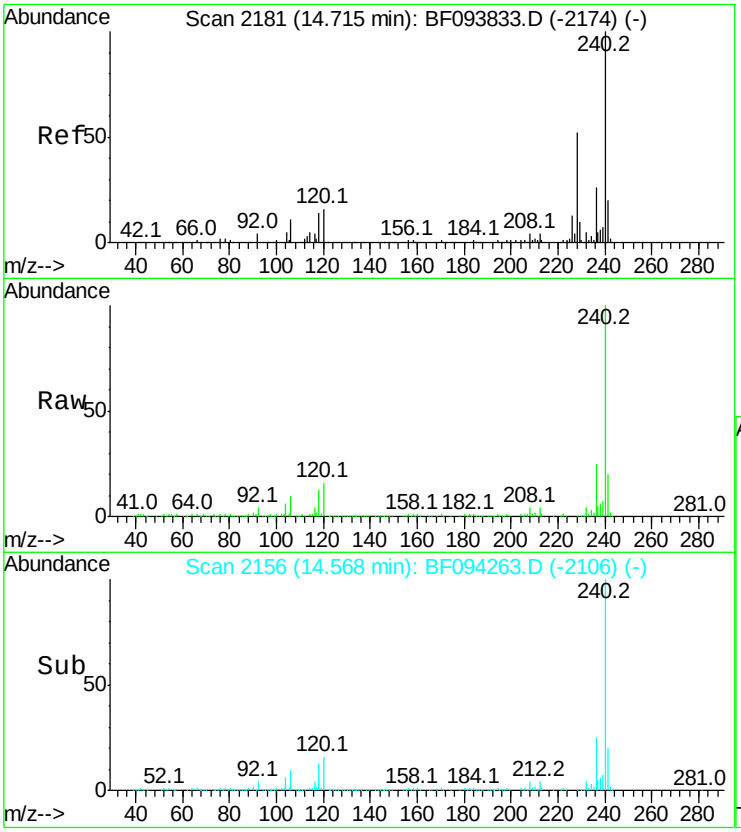


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Tgt Ion:188 Resp: 437605

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.0	10.2	15.2



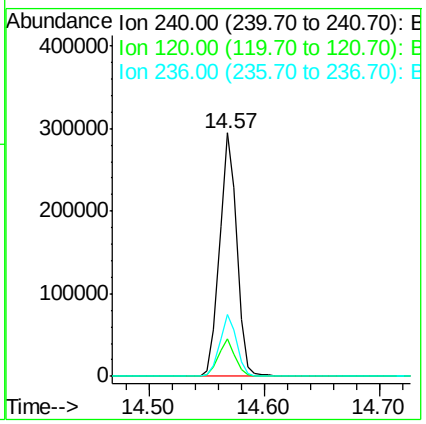


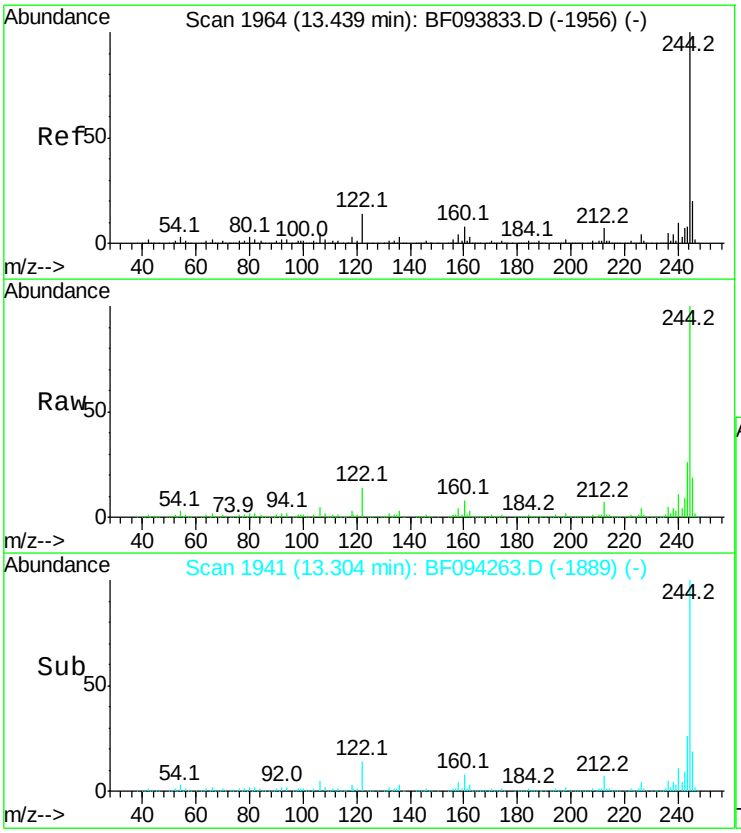
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 302606

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.2	20.5	30.7

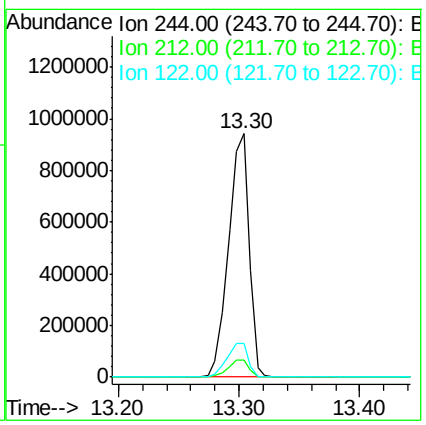


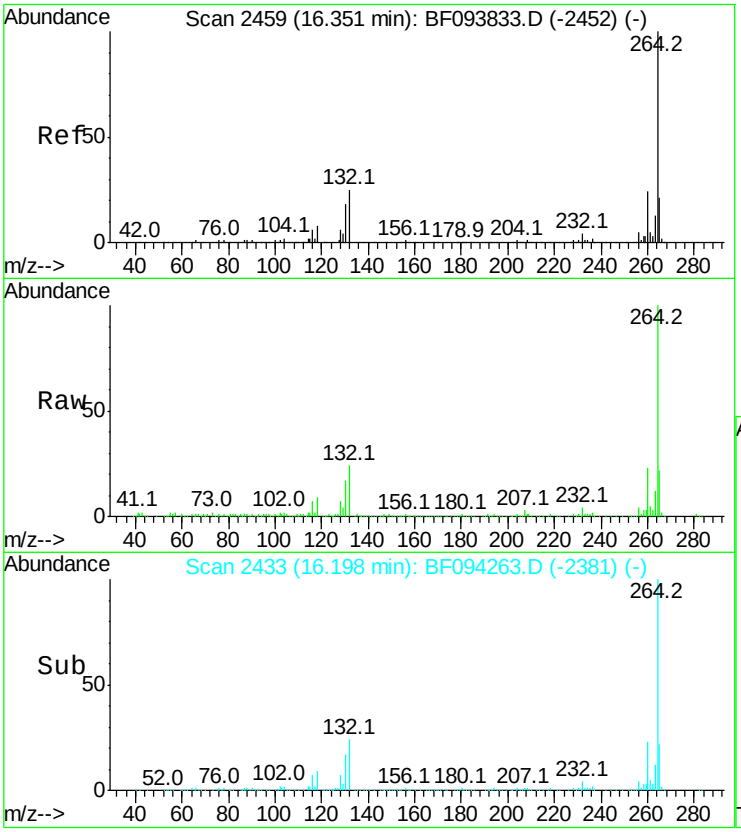


#78
Terphenyl-d14
Concen: 82.83 ng
RT: 13.30 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Tgt Ion:244 Resp: 1118244

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.7	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2433
Delta R.T. 0.01 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 255051

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.7	17.2	25.8