Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104393.D
Acq On : 10 Apr 2018 1:25
Operator : JU/SJ
Sample : J2280-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 10 03:32:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128540	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	497178	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	194365	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	286929	20.00	ng		0.00
75) Chrysene-d12	13.97	240	277097	20.00	ng		0.00
86) Perylene-d12	15.44	264	211509	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	995668	118.44	ng		0.02
7) Phenol-d6	6.44	99	1057486	102.38	ng		0.01
23) Nitrobenzene-d5	7.37	82	817136	107.32	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	257850	127.89	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1317371	107.07	ng		0.00
78) Terphenyl-d14	12.93	244	1068252	87.89	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	23866	2.252	ng		80
19) n-Nitroso-di-n-propylamine	7.37	70	108557	16.084	ng	#	73
25) Isophorone	7.37	82	817128	50.751	ng	#	64
31) Naphthalene	8.11	128	55826	2.255	ng		99
50) 2,6-Dinitrotoluene	9.84	165	24563	8.661	ng	#	26
56) 2,4-Dinitrotoluene	9.84	165	24563	6.603	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.63	198	455	7.623	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	15527	5.087	ng	#	1
76) Benzidine	12.93	184	13857	Below Cal			97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
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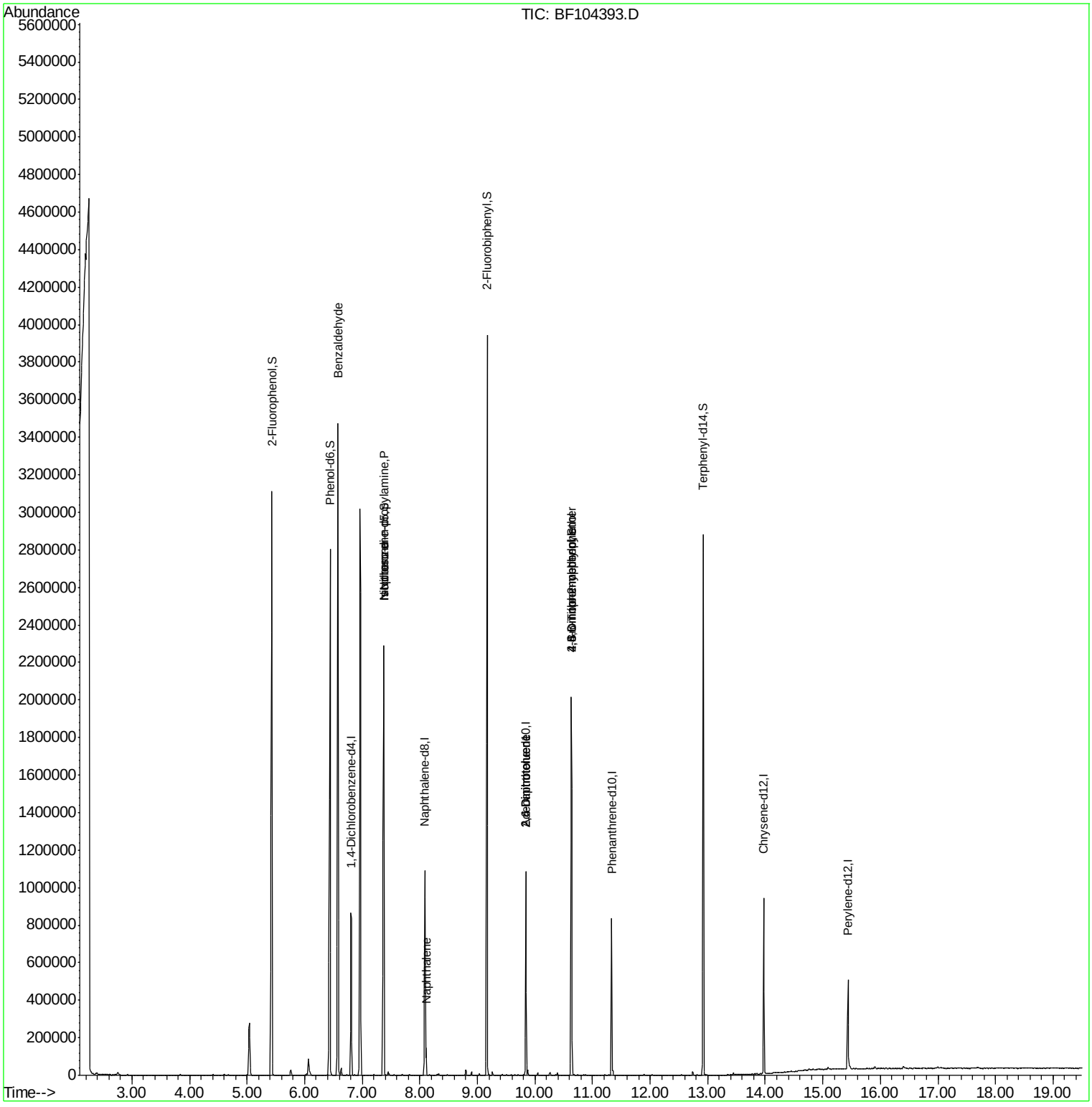
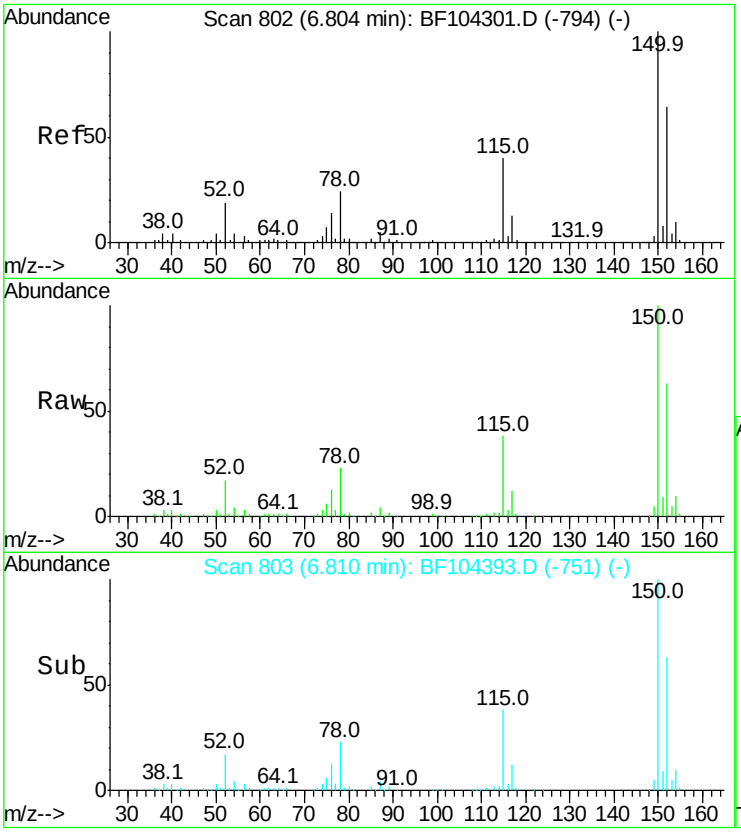
Acq On : 10 Apr 2018 1:25
Operator : JU/SJ
Sample : J2280-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 10 03:32:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration



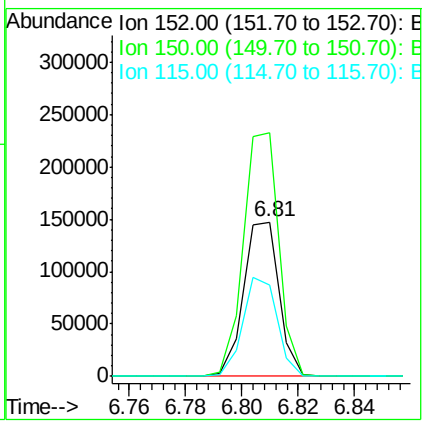


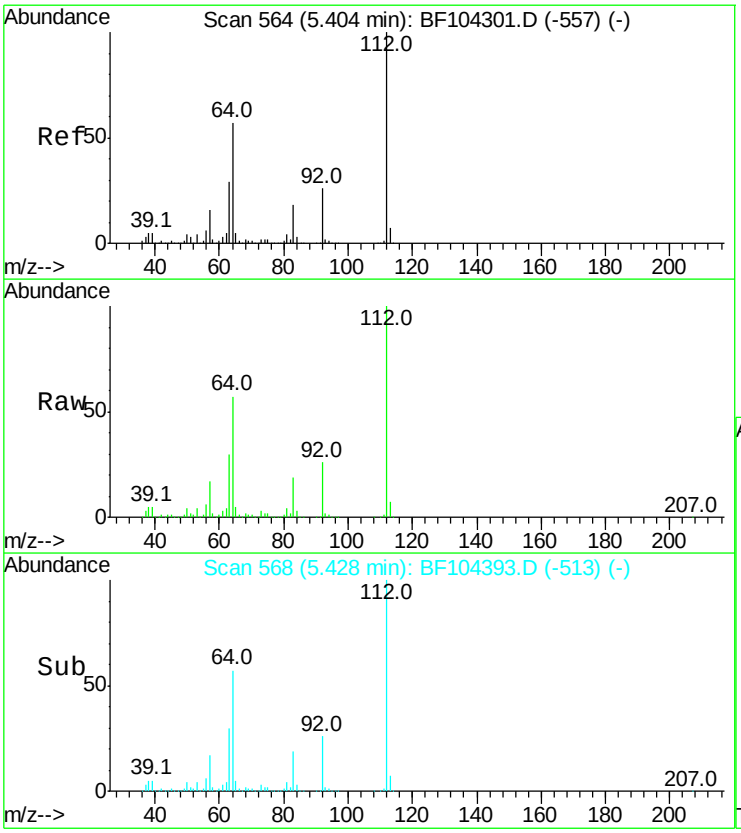
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128540

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	59.4	50.1	75.1

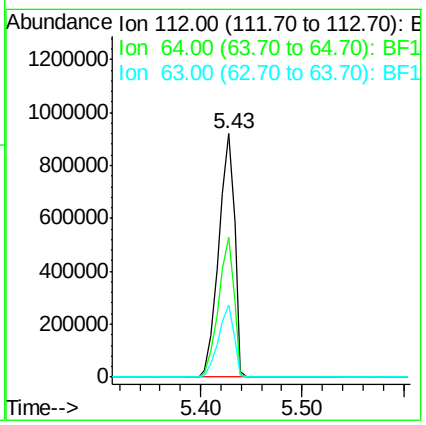


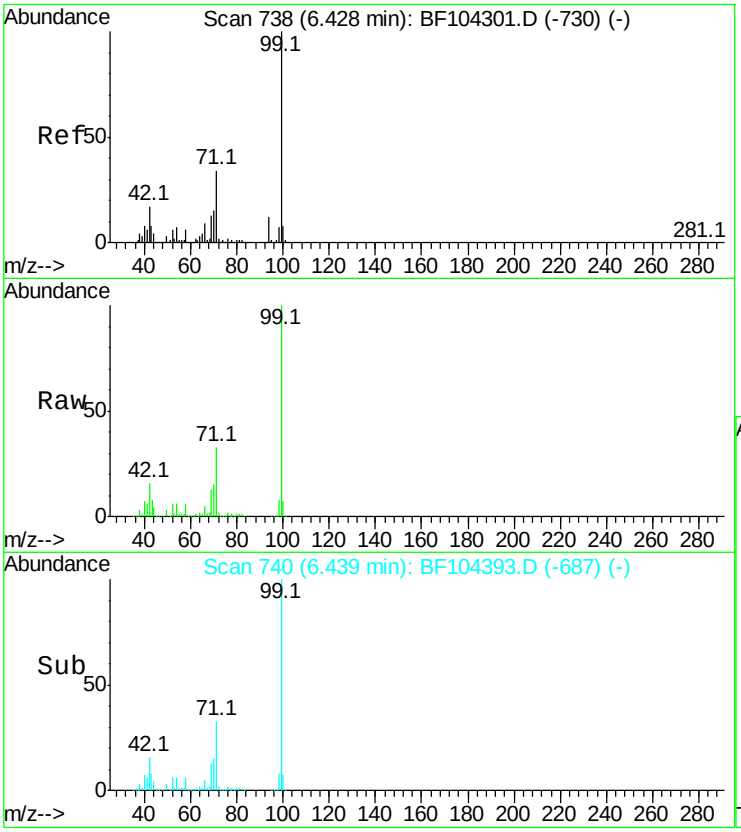


#5
2-Fluorophenol
Concen: 118.440 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion:112 Resp: 995668

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	29.8	23.7	35.5



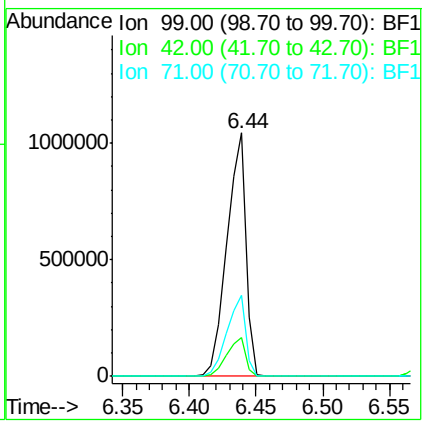


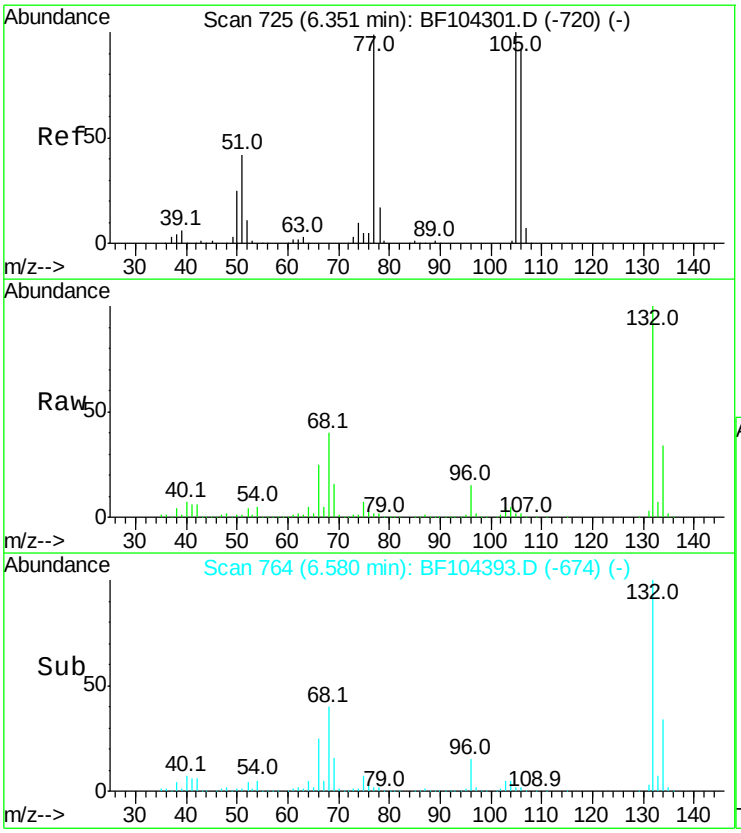
#7
Phenol-d6
Concen: 102.382 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1057486

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	33.3	25.4	38.0

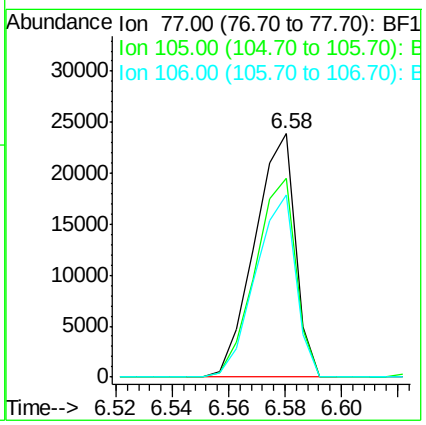


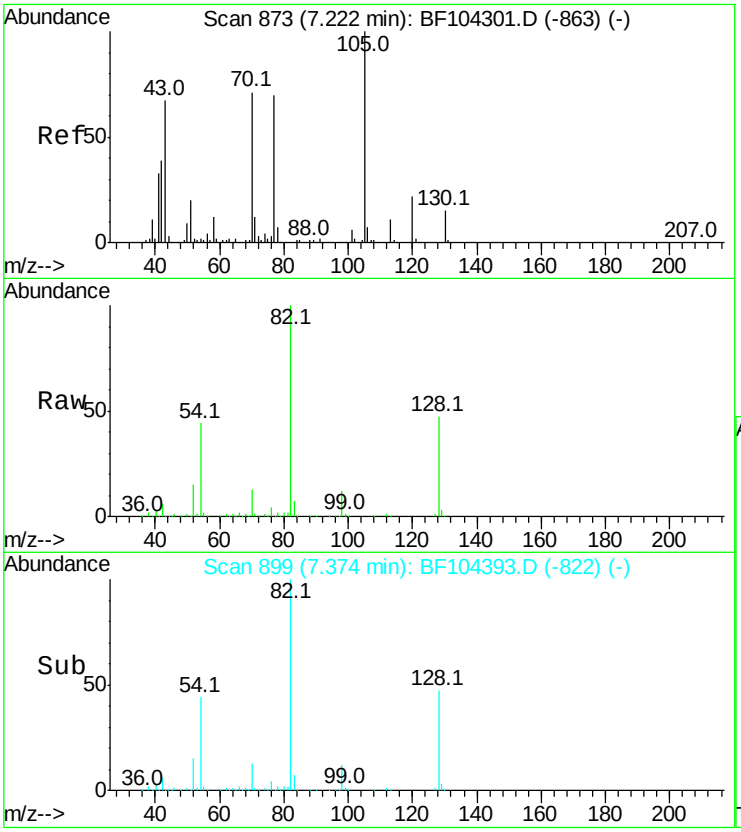


#9
Benzaldehyde
Concen: 2.252 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.23 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion: 77 Resp: 23866

Ion	Ratio	Lower	Upper
77	100		
105	81.8	81.1	121.1
106	74.8	74.5	114.5



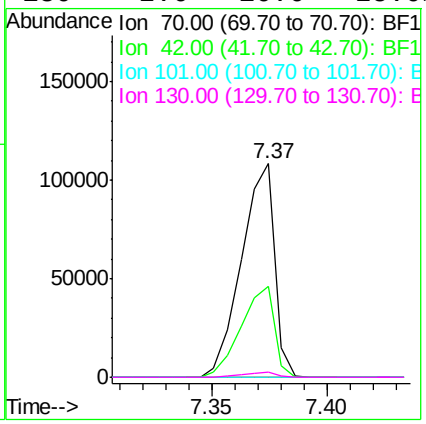


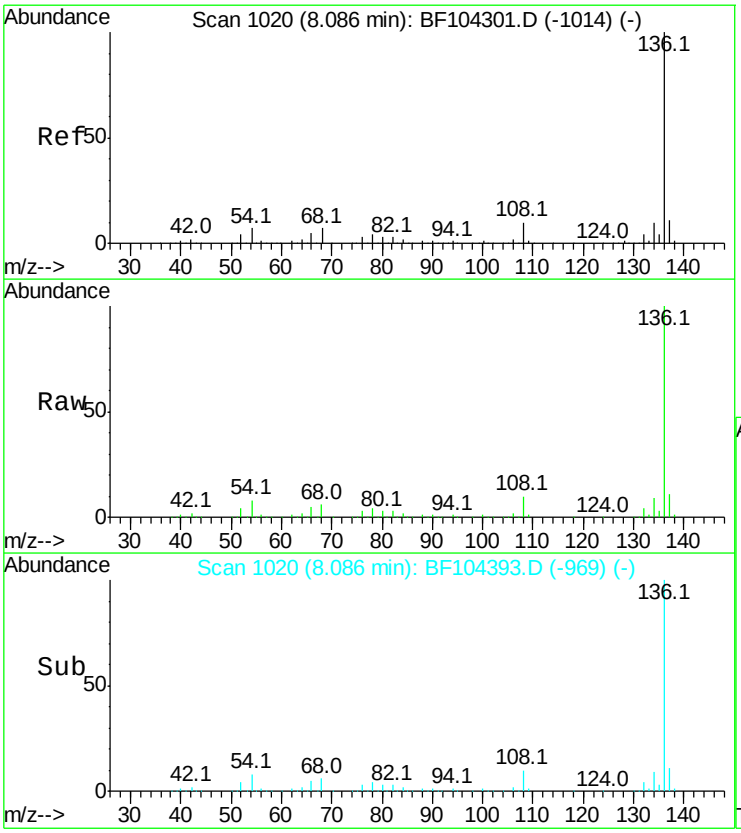
#19
n-Nitroso-di-n-propylamine
Concen: 16.084 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 108557

Ion	Ratio	Lower	Upper
70	100		
42	42.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

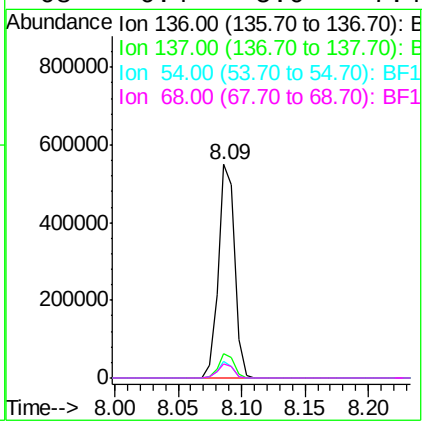


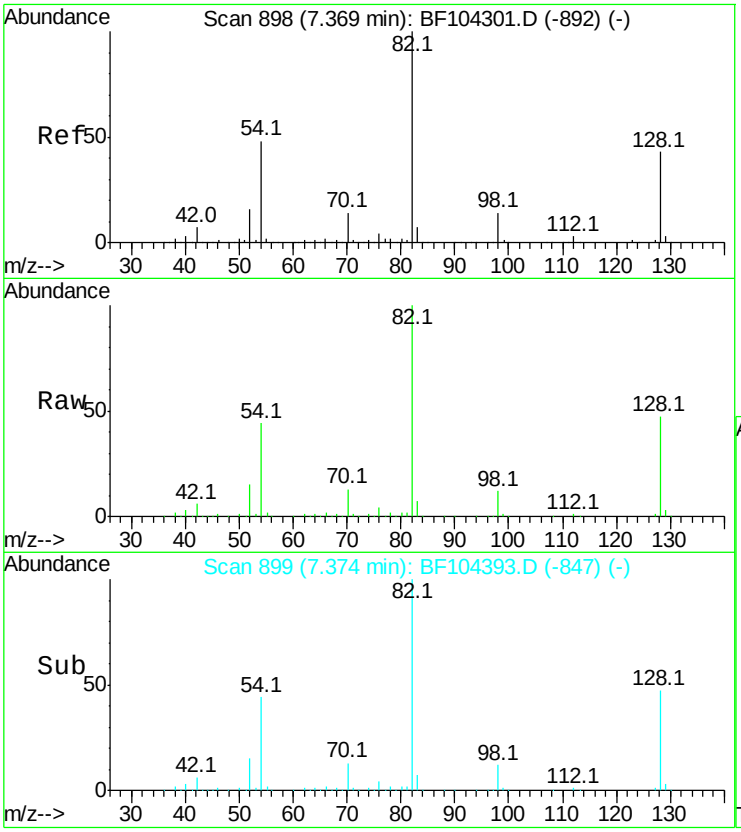


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion:136 Resp: 497178

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.5	6.6	9.8
68	6.4	5.0	7.4



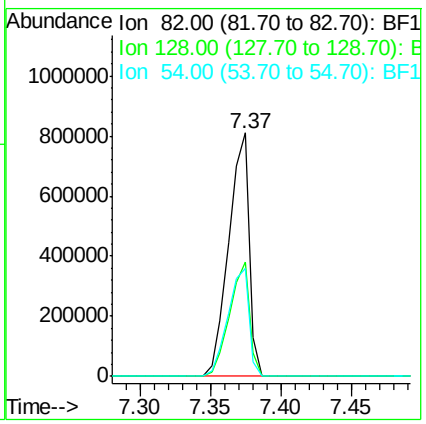


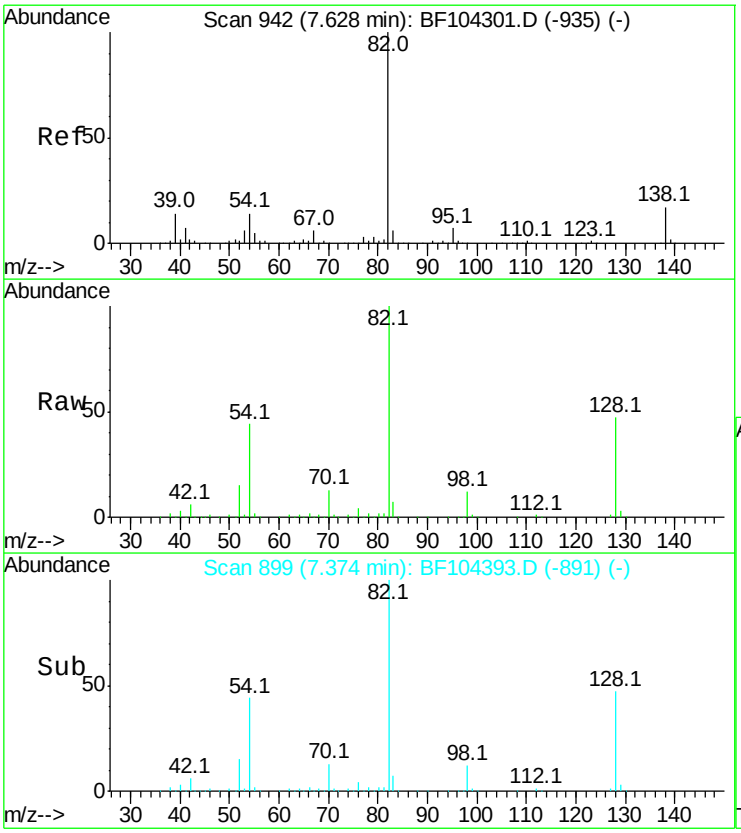
#23
Nitrobenzene-d5
Concen: 107.321 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 817136

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	44.5	41.4	62.2

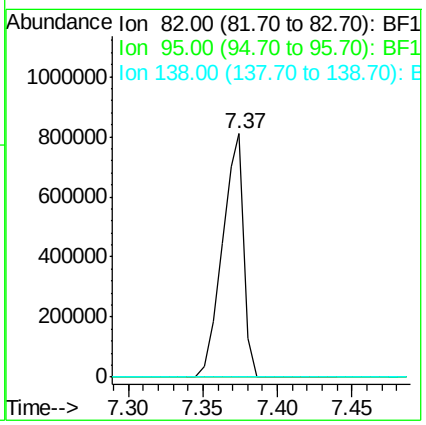


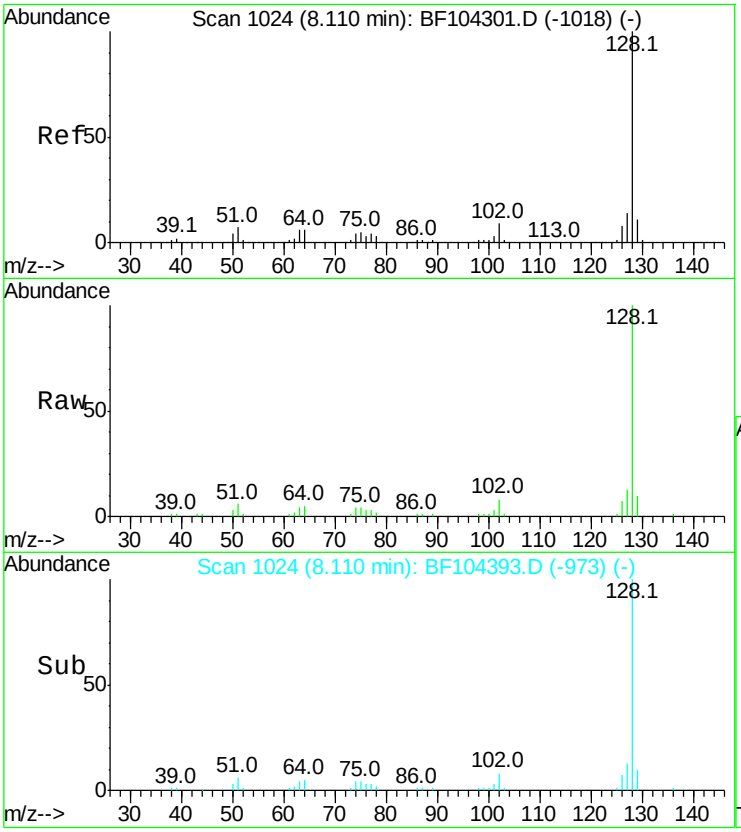


#25
Isophorone
Concen: 50.751 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion: 82 Resp: 817128

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



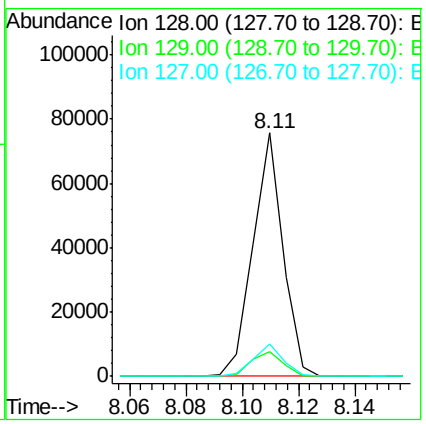


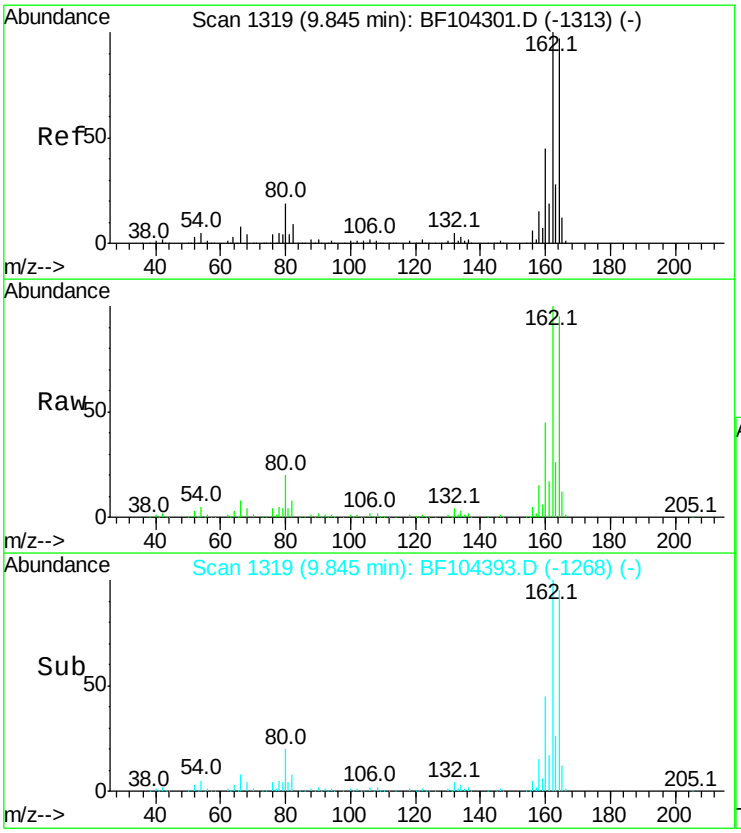
#31
Naphthalene
Concen: 2.255 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 55826

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.8	13.2
127	13.4	10.9	16.3

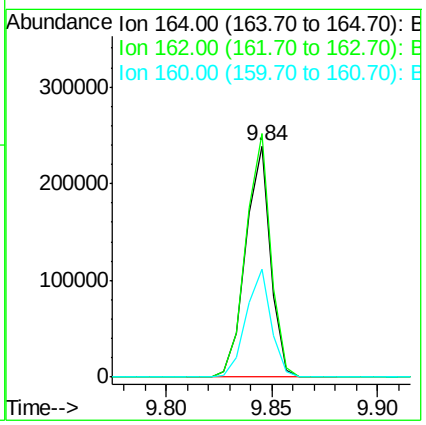


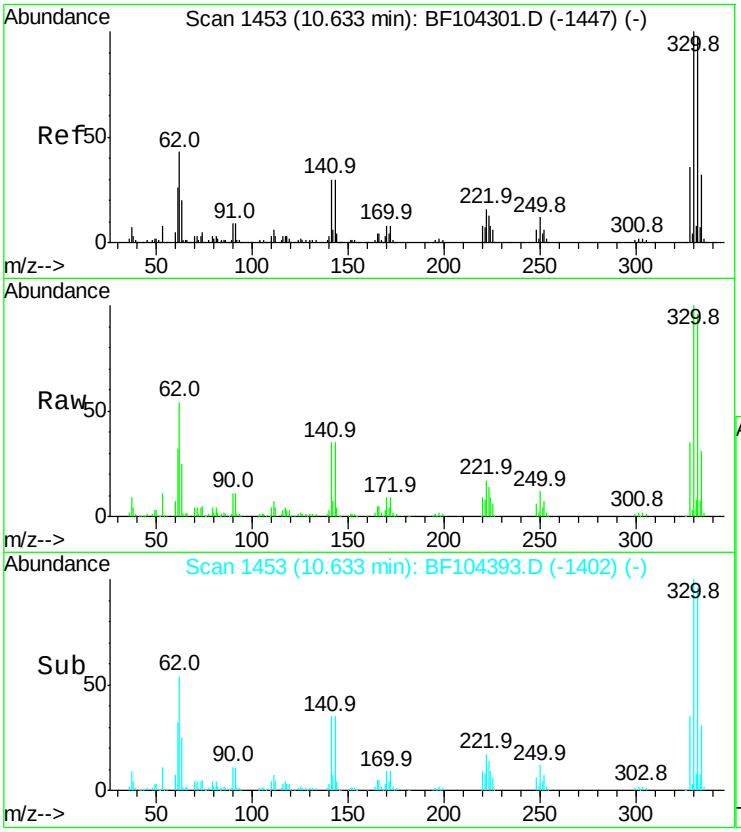


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion:164 Resp: 194365

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	47.0	38.3	57.5



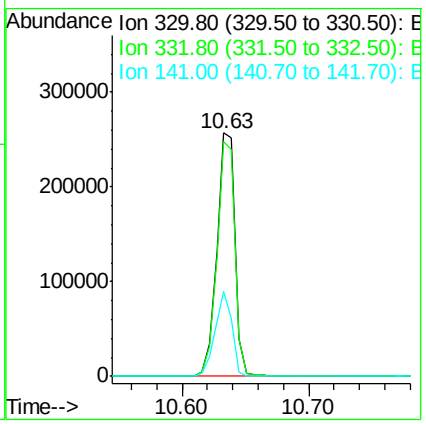


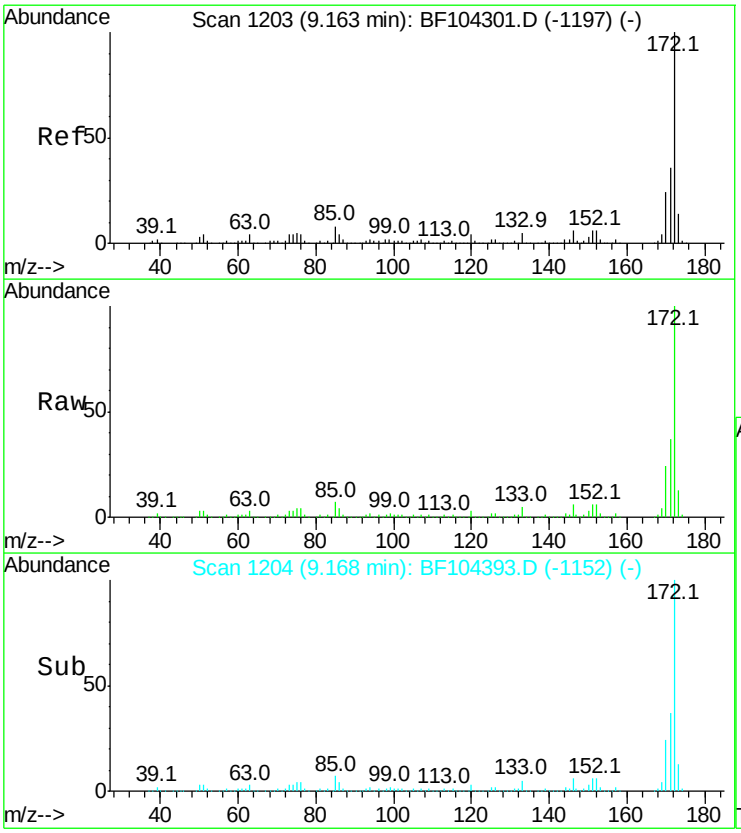
#41
2,4,6-Tribromophenol
Concen: 127.889 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 257850

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.1	29.9	44.9

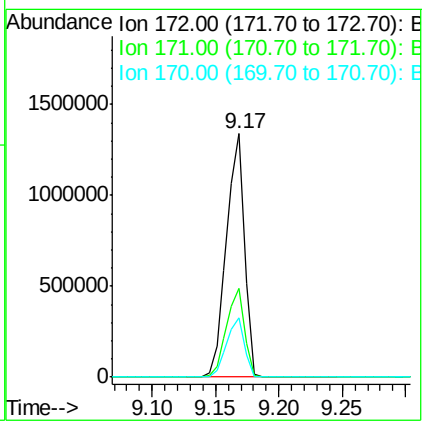


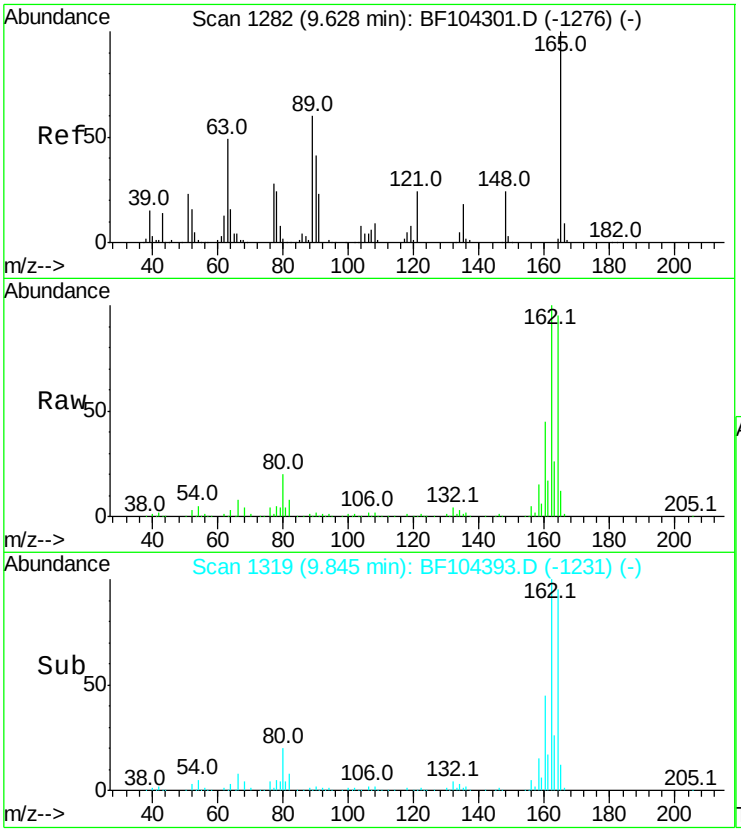


#44
2-Fluorobiphenyl
Concen: 107.073 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion:172 Resp: 1317371

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4



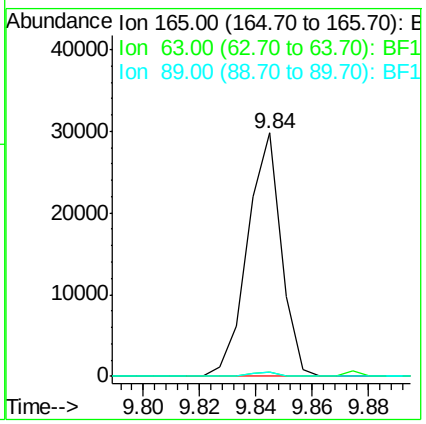


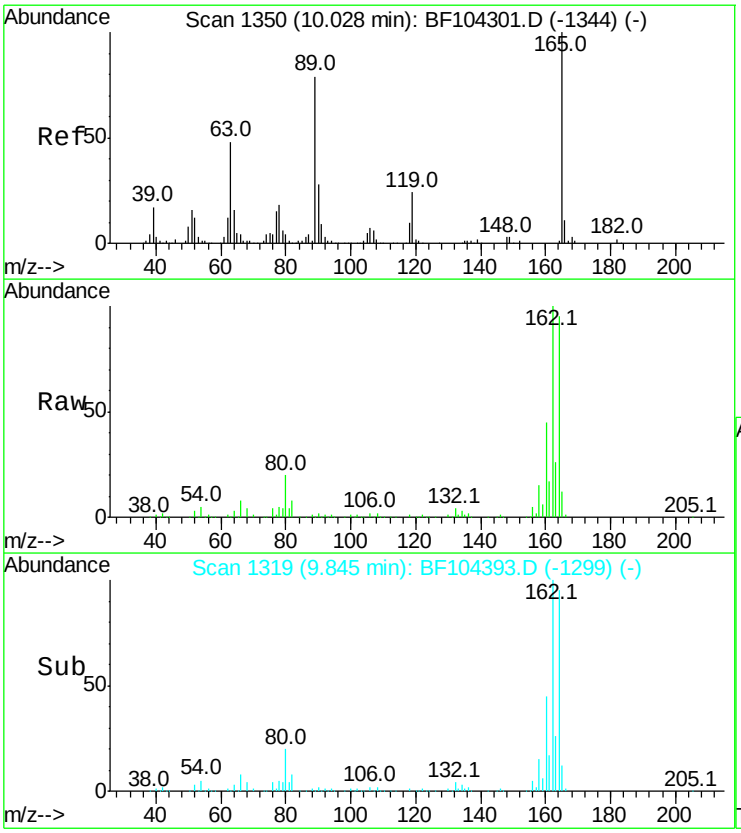
#50
2,6-Dinitrotoluene
Concen: 8.661 ng
RT: 9.84 min Scan# 1319
Delta R.T. 0.22 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24563

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	2.0	44.0	66.0#

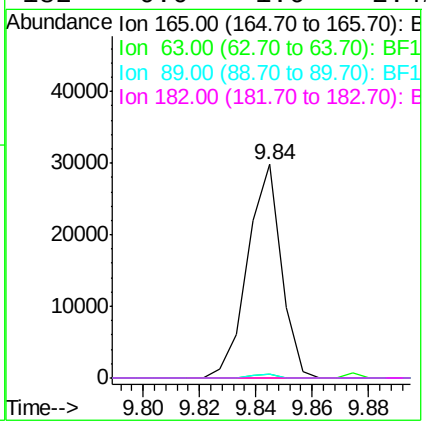


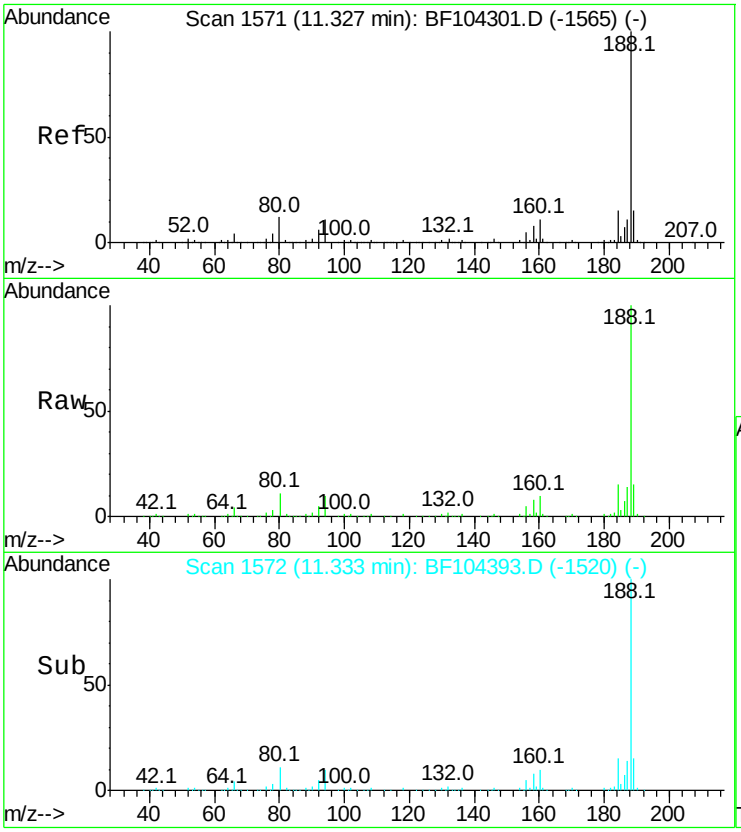


#56
2,4-Dinitrotoluene
Concen: 6.603 ng
RT: 9.84 min Scan# 1319
Delta R.T. -0.18 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion:165 Resp: 24563

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



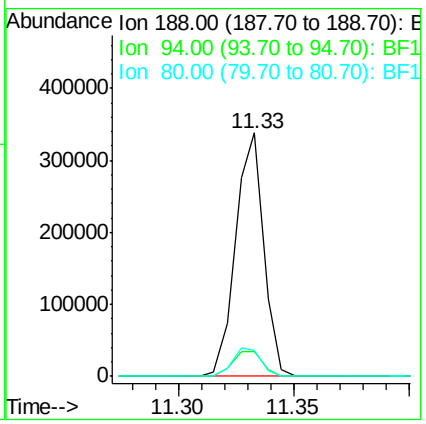


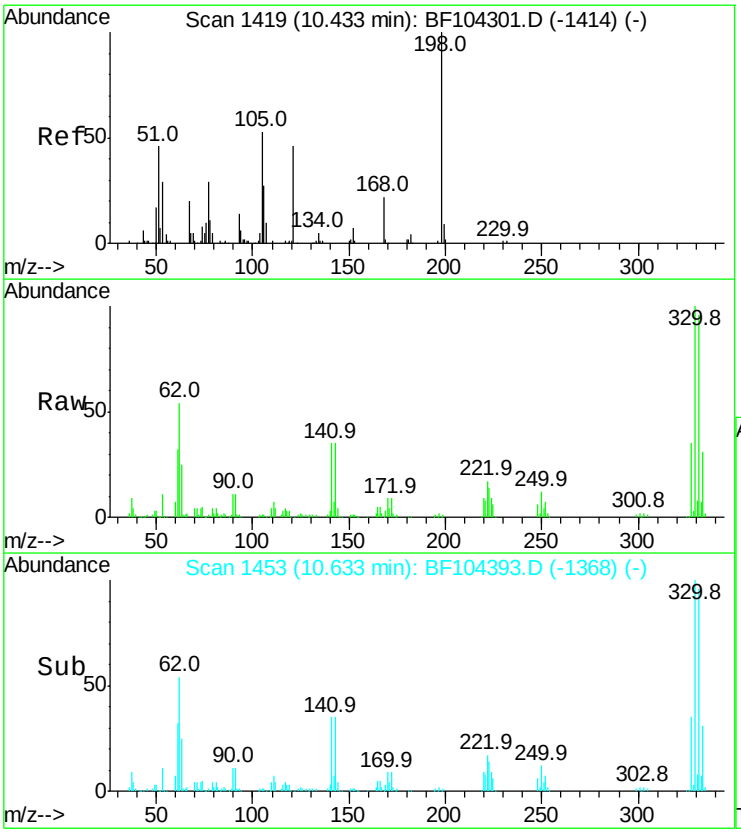
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 286929

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.8	9.2	13.8

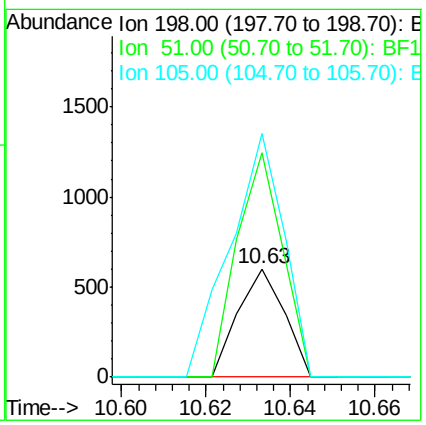


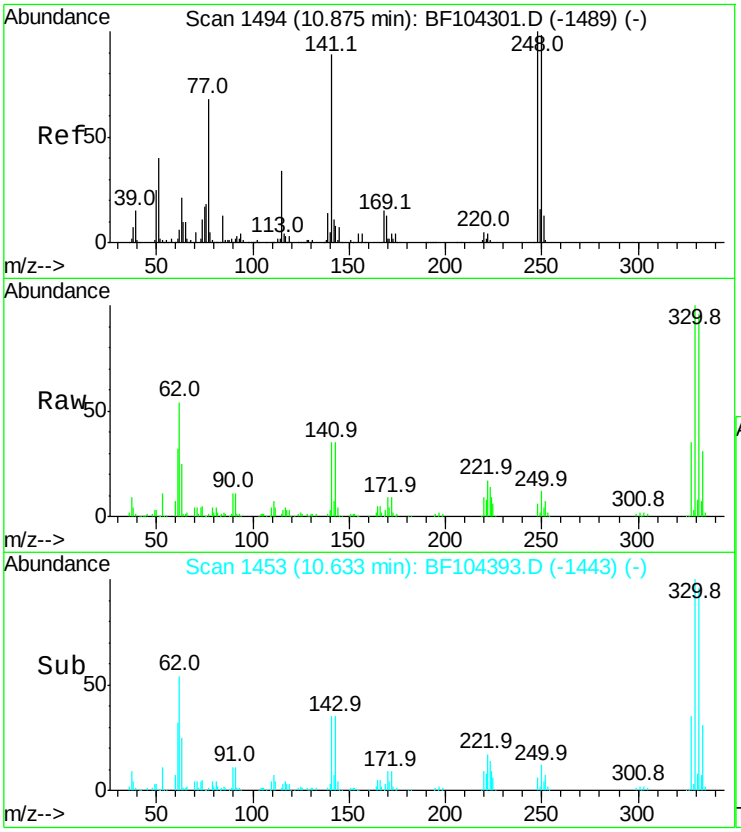


#64
4,6-Dinitro-2-methylphenol
Concen: 7.623 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.20 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion:198 Resp: 455

Ion	Ratio	Lower	Upper
198	100		
51	207.8	37.7	77.7#
105	225.7	36.3	76.3#



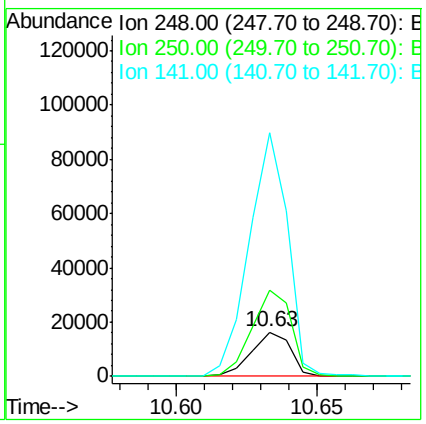


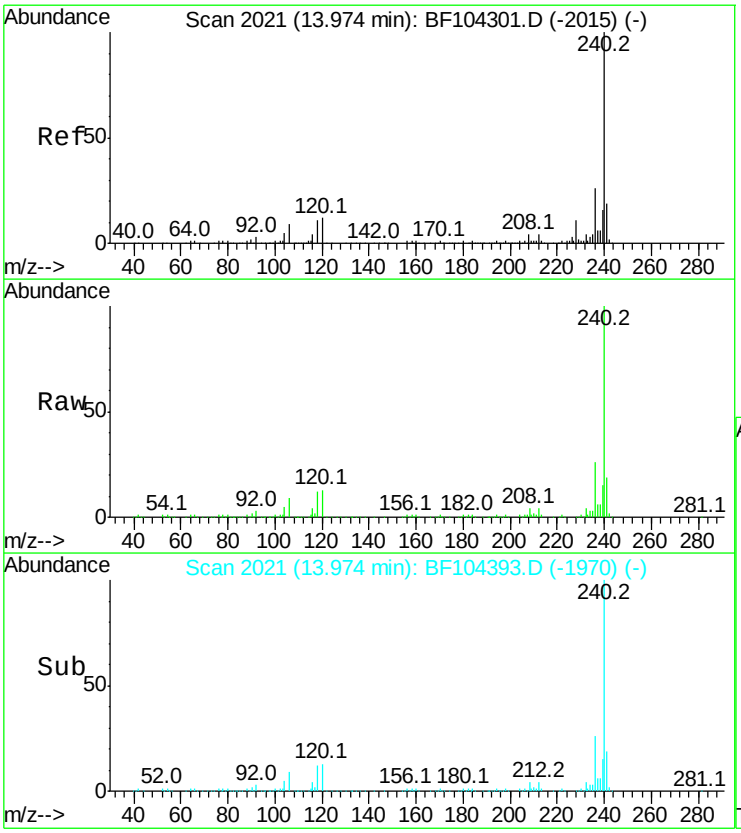
#66
4-Bromophenyl-phenylether
Concen: 5.087 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15527

Ion	Ratio	Lower	Upper
248	100		
250	195.7	76.9	115.3#
141	551.3	74.4	111.6#

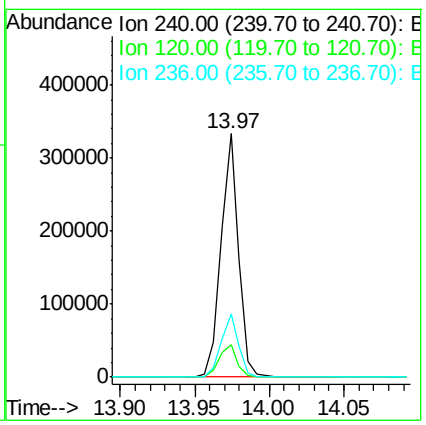


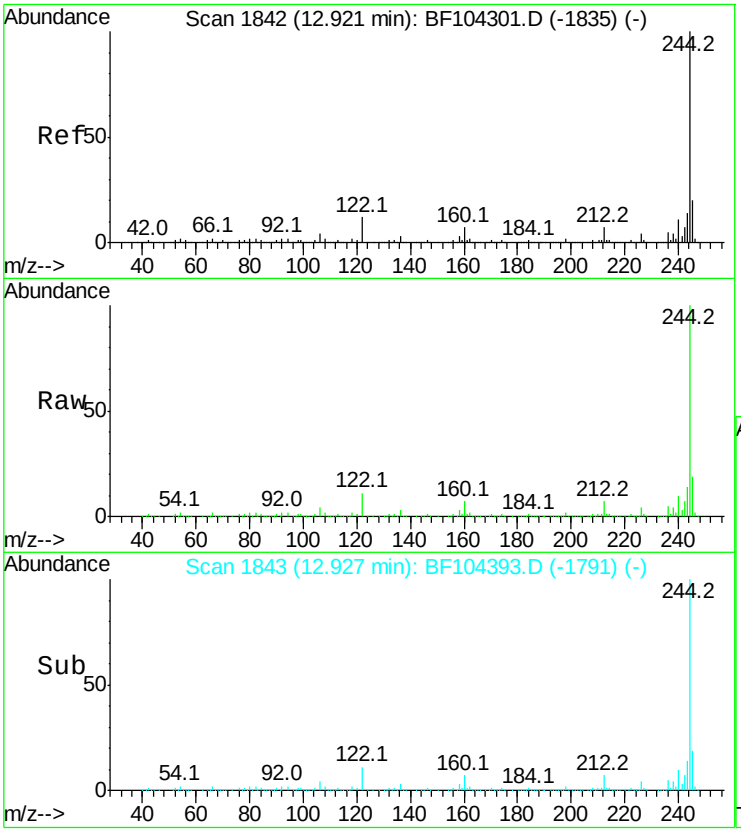


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion:240 Resp: 277097

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.8	20.7	31.1



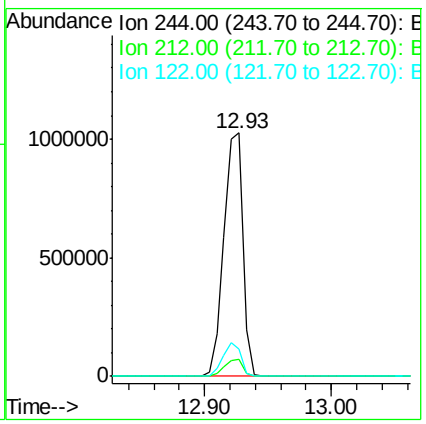


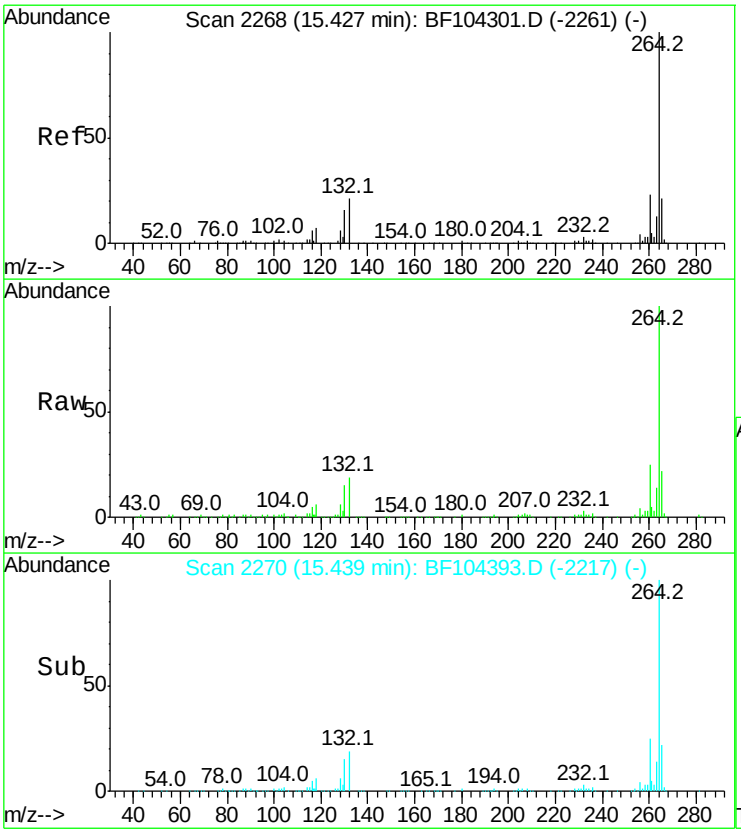
#78
Terphenyl-d14
Concen: 87.891 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1068252

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion:264 Resp: 211509

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	17.5	26.3