Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104350.D
Acq On : 7 Apr 2018 11:09
Operator : JU/SJ
Sample : J2255-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 09 00:49:47 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	6.80	152	150193	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	598618	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	257792	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	384964	20.00	ng	0.00
75) Chrysene-d12	13.97	240	299065	20.00	ng	0.00
86) Perylene-d12	15.43	264	273356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	390331	39.74	ng	0.00
7) Phenol-d6	6.42	99	291016	24.11	ng	-0.01
23) Nitrobenzene-d5	7.37	82	921241	100.49	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	208448	77.95	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1501759	92.03	ng	0.00
78) Terphenyl-d14	12.92	244	1054081	80.35	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	121219	15.371	ng	# 74
25) Isophorone	7.37	82	920834	47.500	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	32938	8.756	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	32938	6.675	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	463	7.556	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12536	3.061	ng	# 1
76) Benzidine	12.92	184	13417	Below Cal		96

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

Quantitation Report (Not Reviewed)

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Acq On : 7 Apr 2018 11:09
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Misc :
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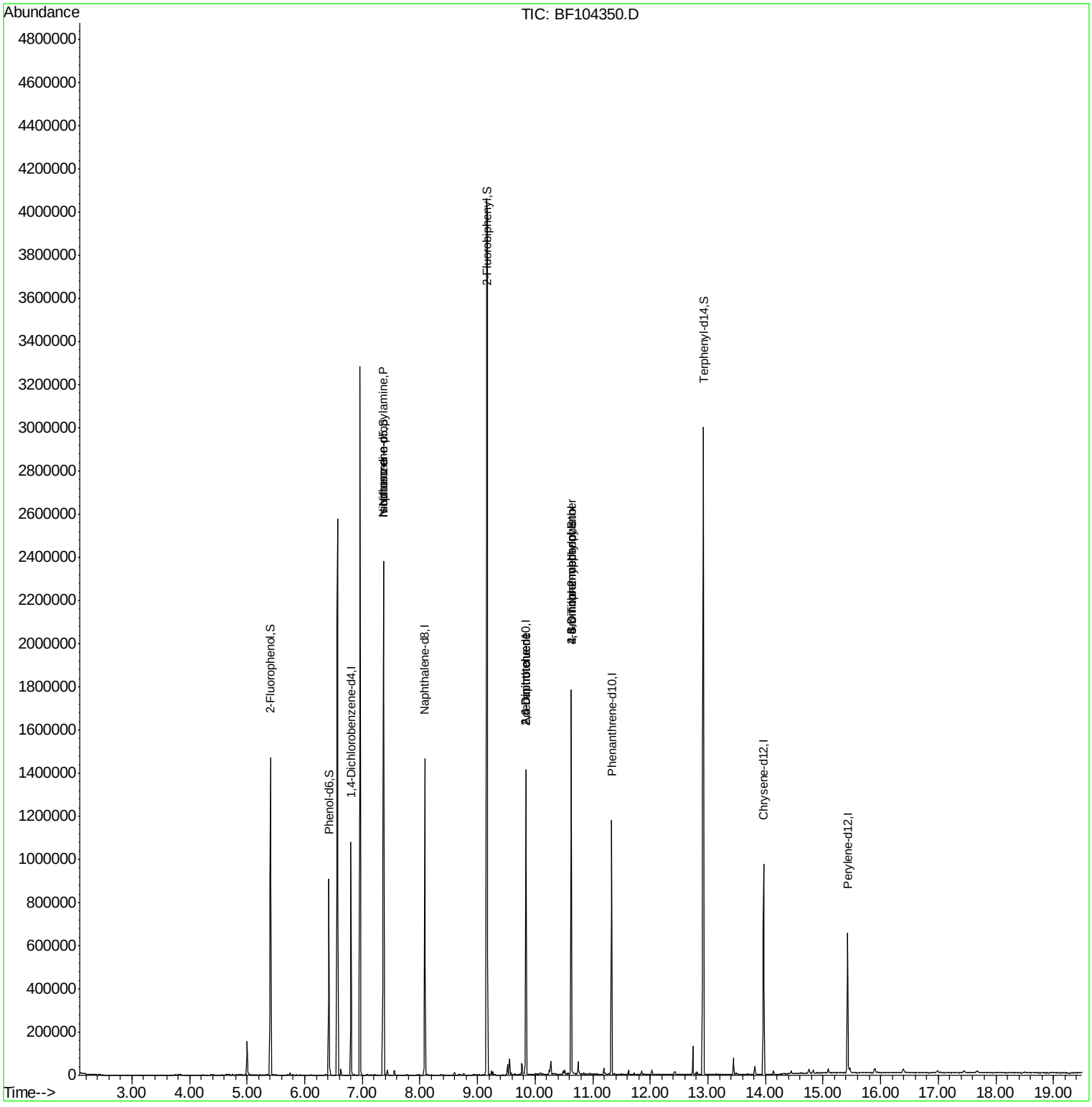
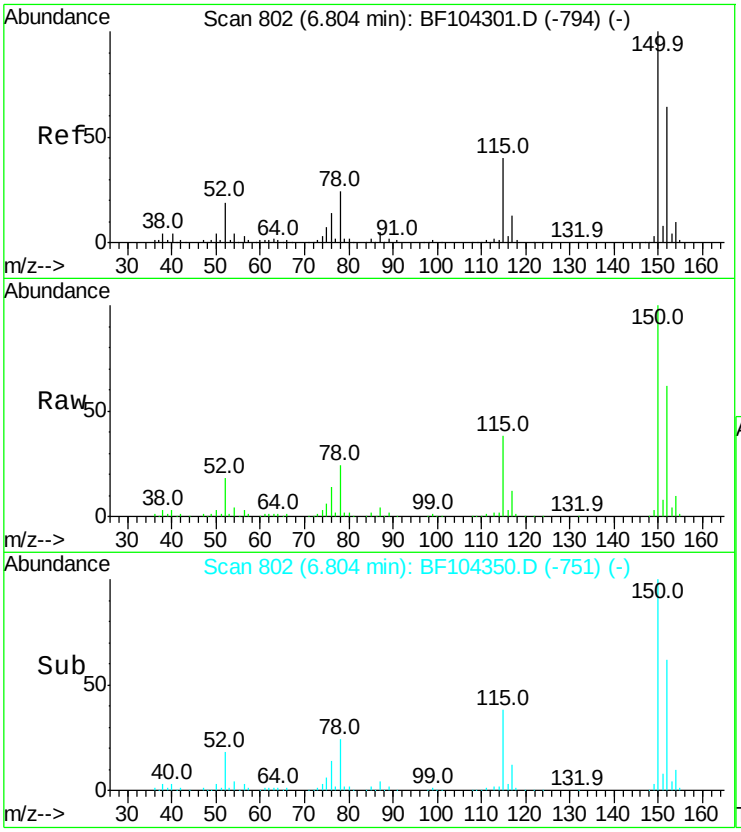


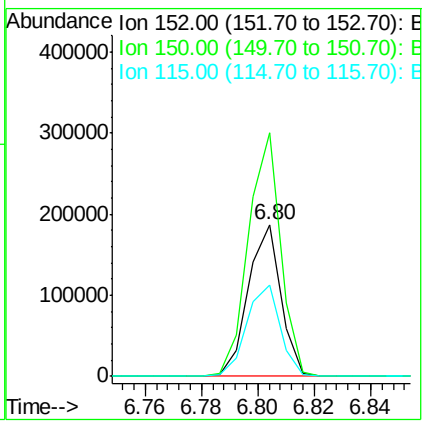


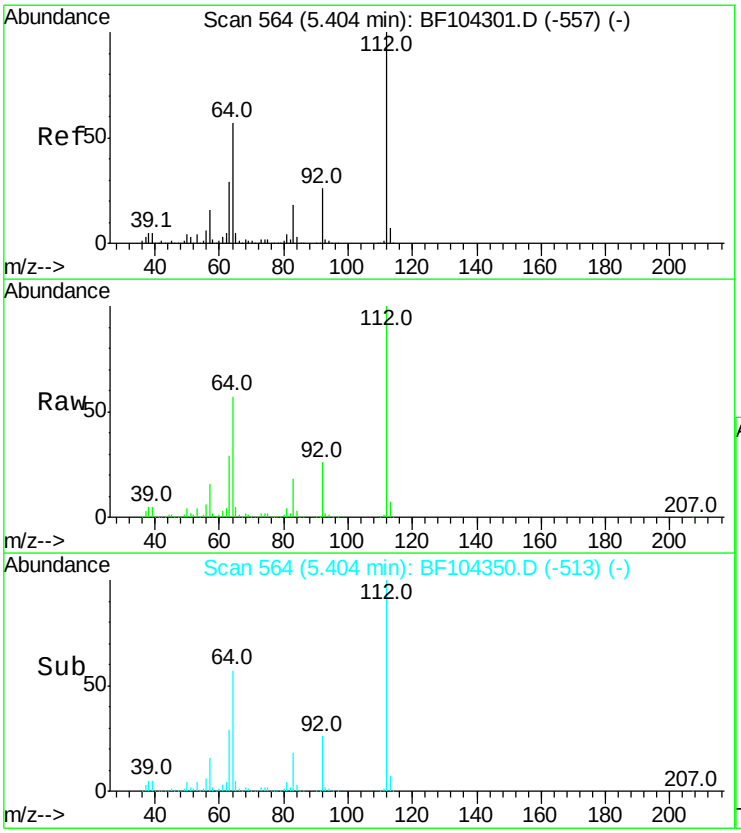
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 150193

Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	60.4	50.1	75.1

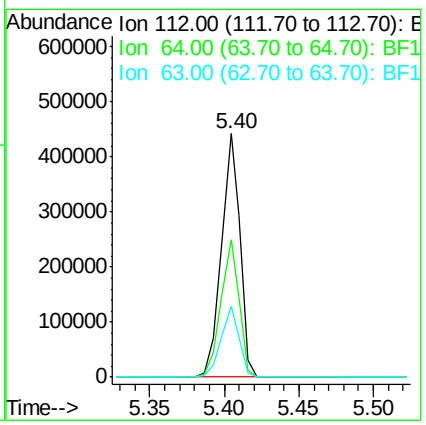


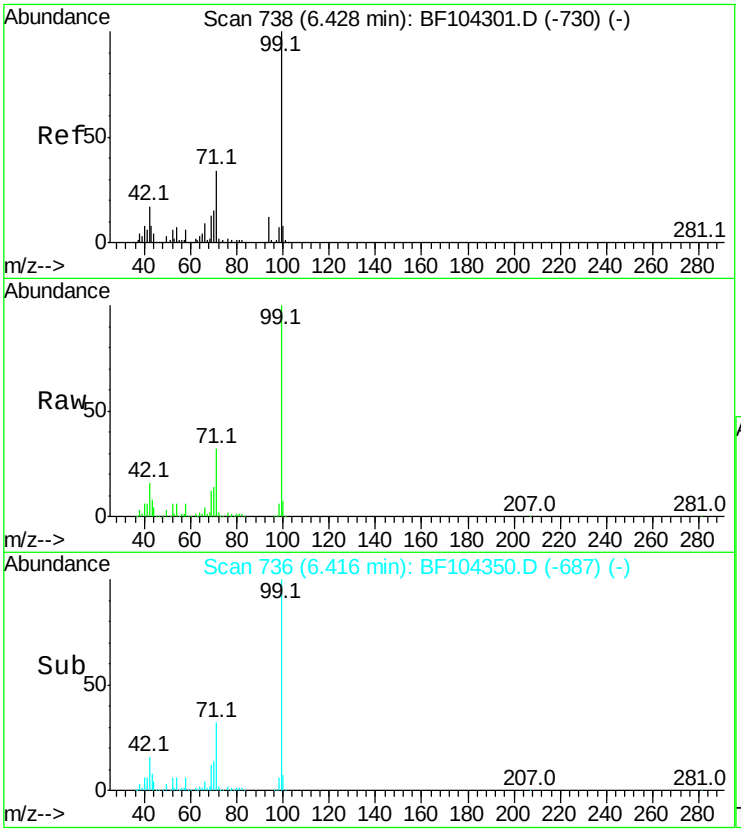


#5
2-Fluorophenol
Concen: 39.738 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Tgt Ion:112 Resp: 390331

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	29.0	23.7	35.5



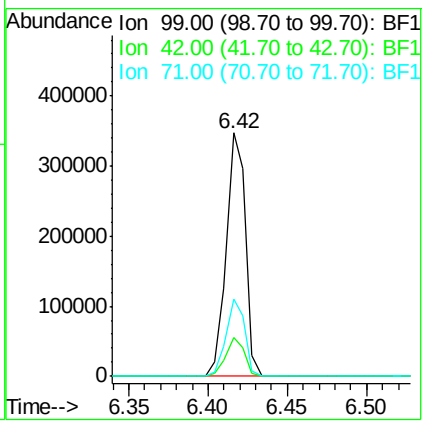


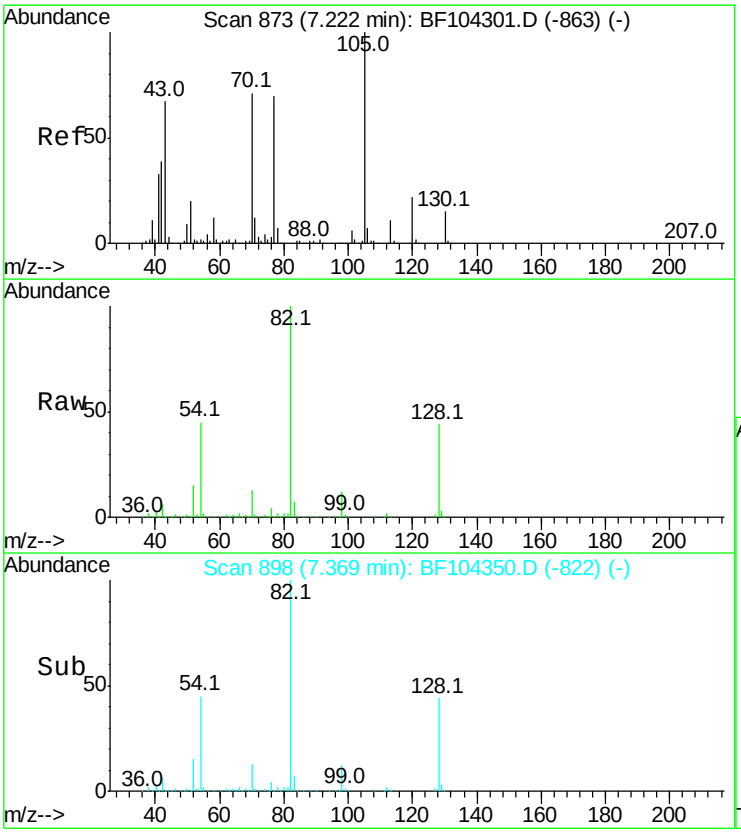
#7
Phenol-d6
Concen: 24.113 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 291016

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	31.7	25.4	38.0

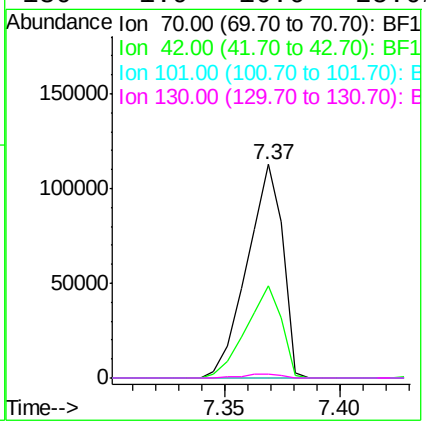


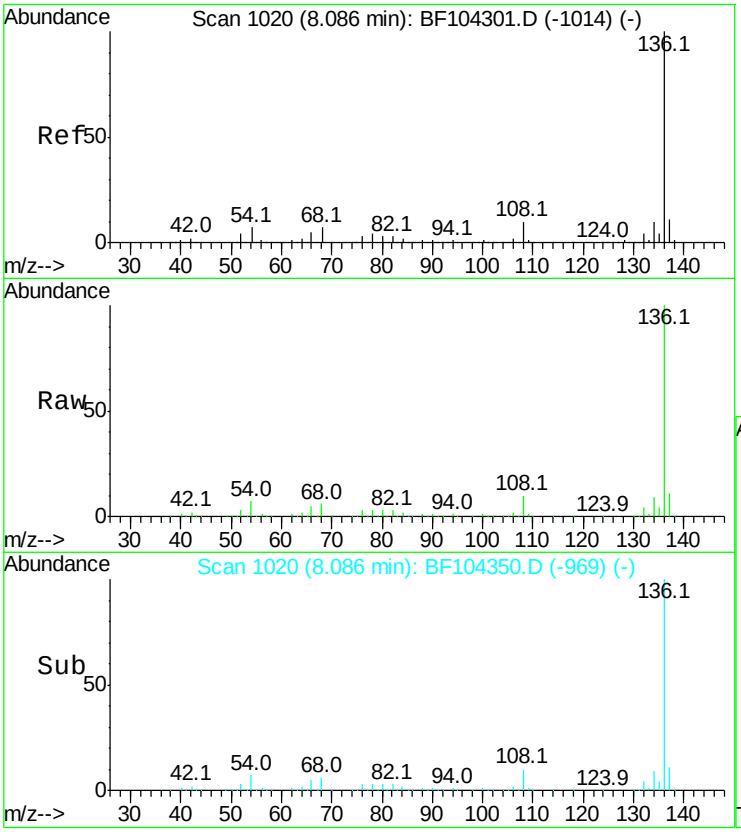


#19
n-Nitroso-di-n-propylamine
Concen: 15.371 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Tgt Ion: 70 Resp: 121219

Ion	Ratio	Lower	Upper
70	100		
42	43.4	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



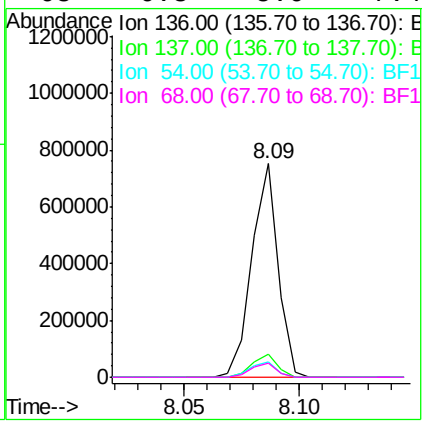


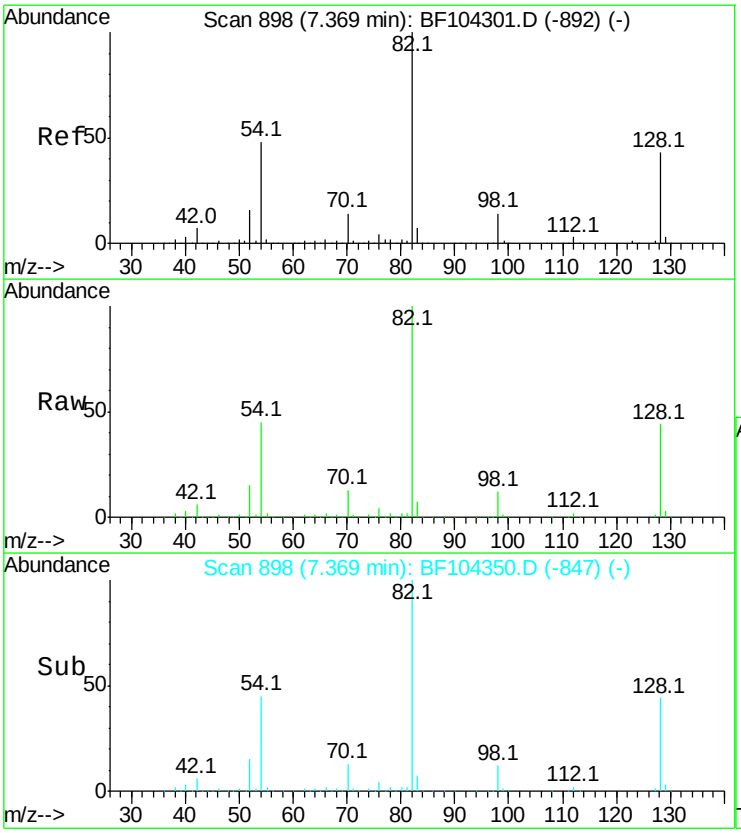
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 598618

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.6	9.8
68	6.3	5.0	7.4

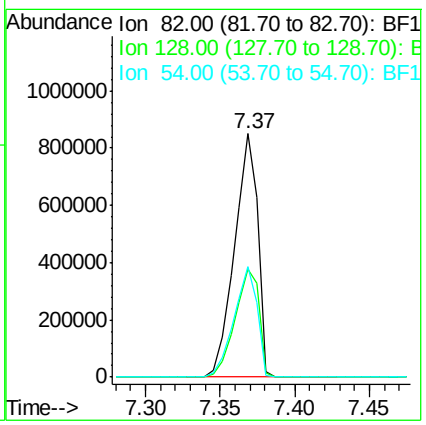


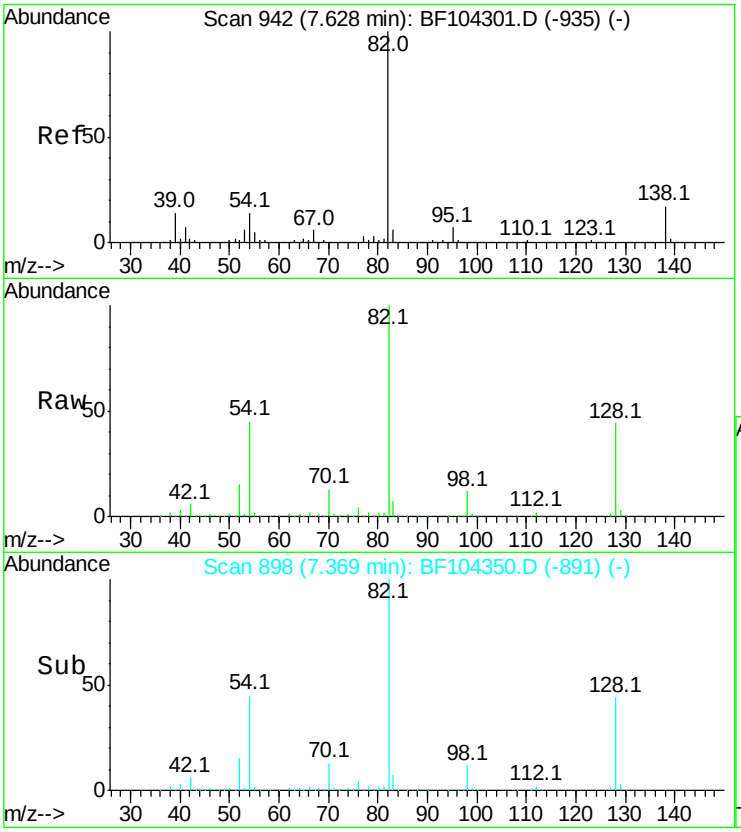


#23
Nitrobenzene-d5
Concen: 100.490 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Tgt Ion: 82 Resp: 921241

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	45.4	41.4	62.2



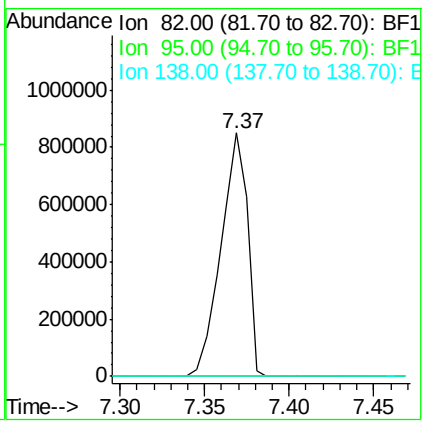


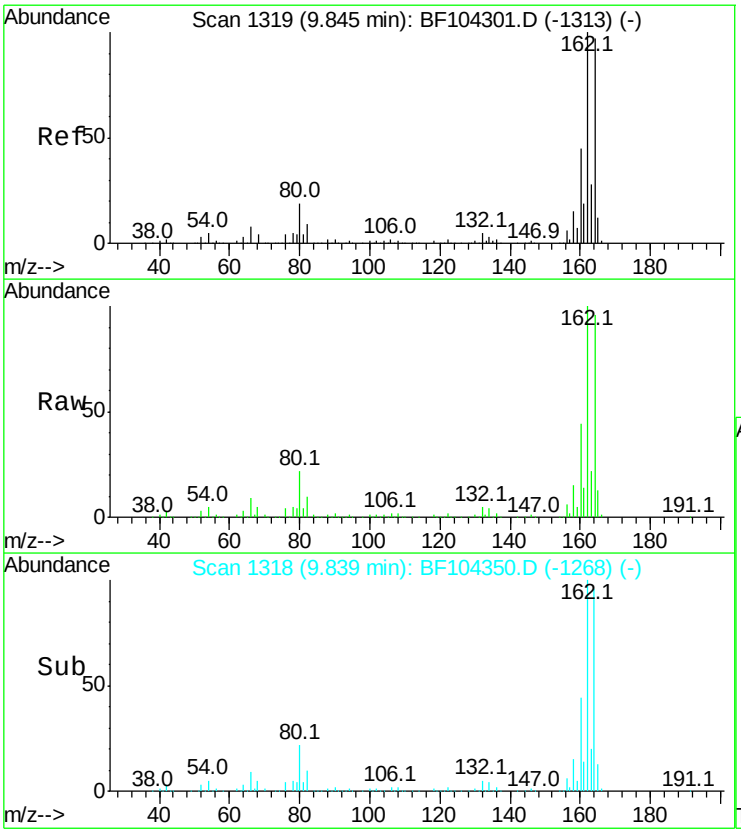
#25
Isophorone
Concen: 47.500 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 920834

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

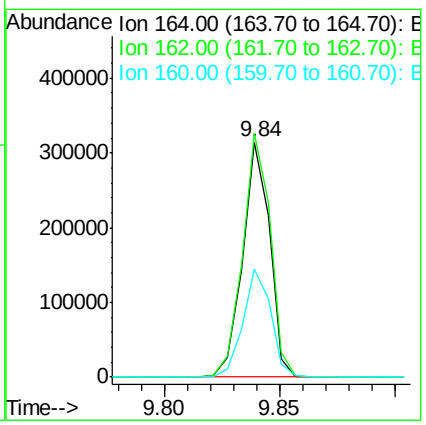


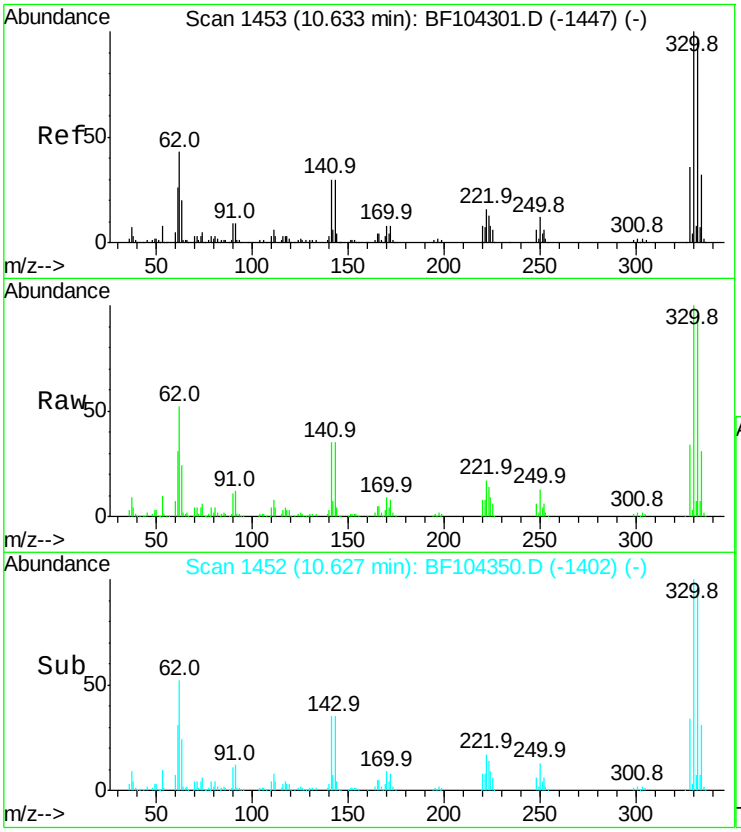


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Tgt Ion:164 Resp: 257792

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.7	38.3	57.5



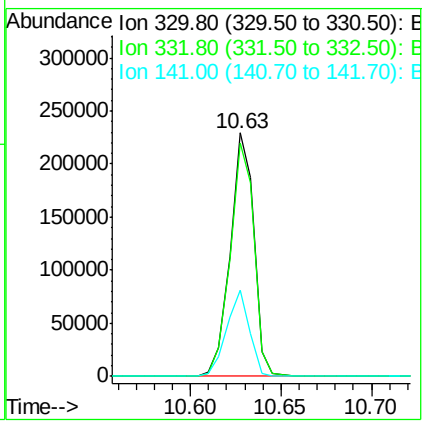


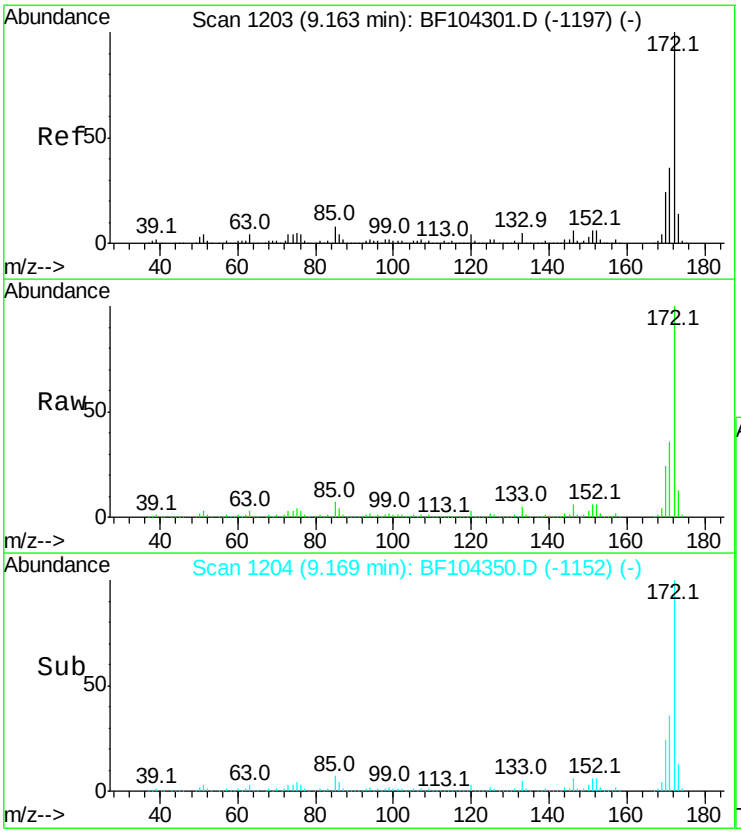
#41
2,4,6-Tribromophenol
Concen: 77.949 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 208448

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	34.5	29.9	44.9

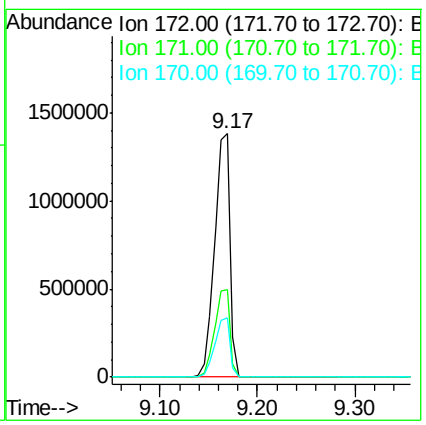


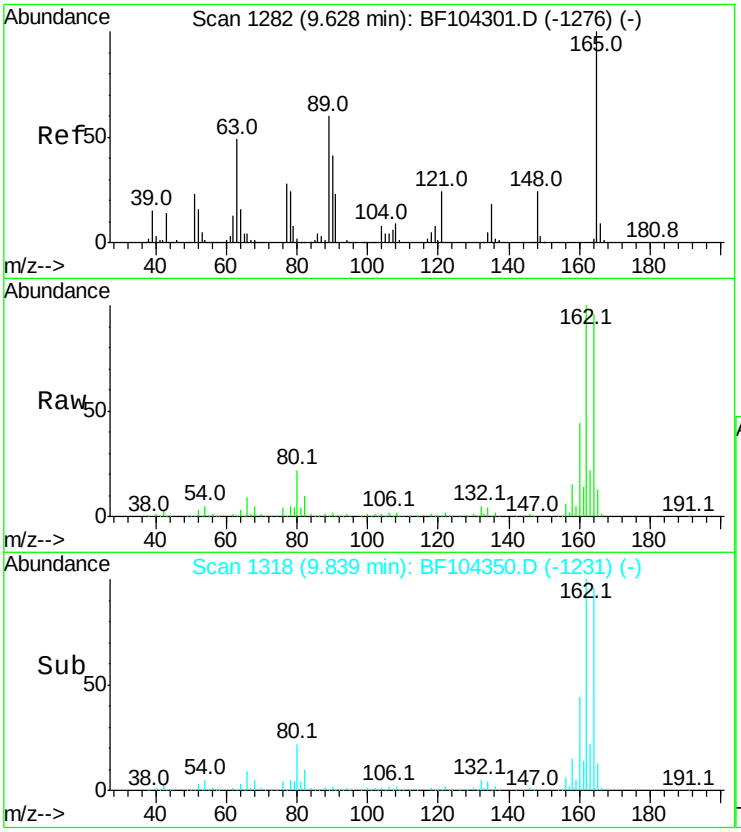


#44
2-Fluorobiphenyl
Concen: 92.028 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Tgt Ion:172 Resp: 1501759

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.4	19.6	29.4



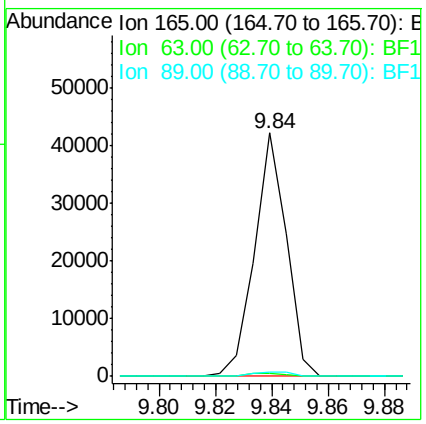


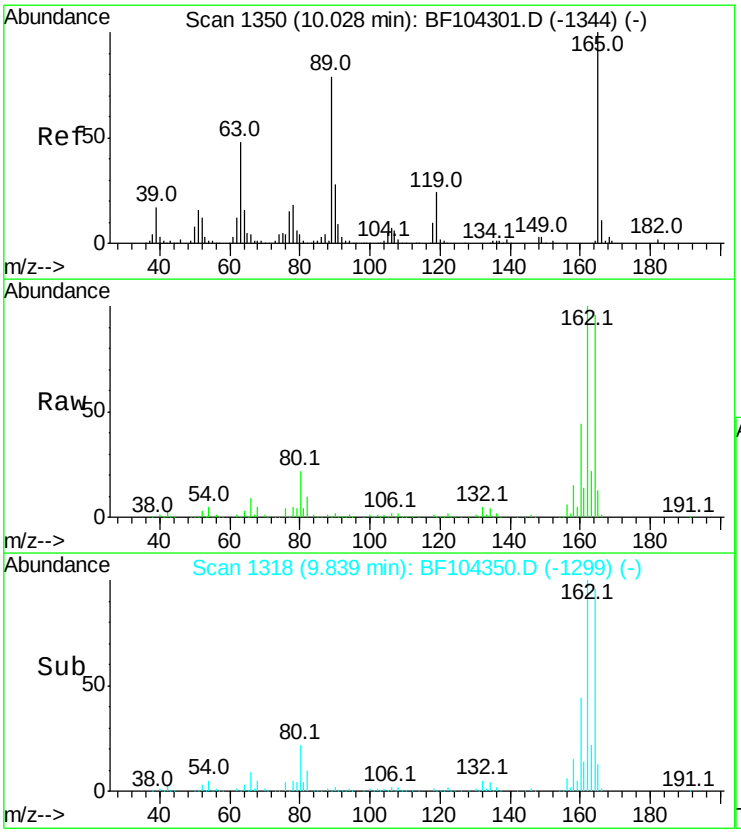
#50
2,6-Dinitrotoluene
Concen: 8.756 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32938

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

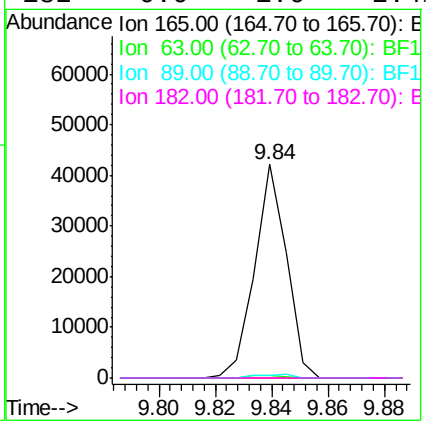


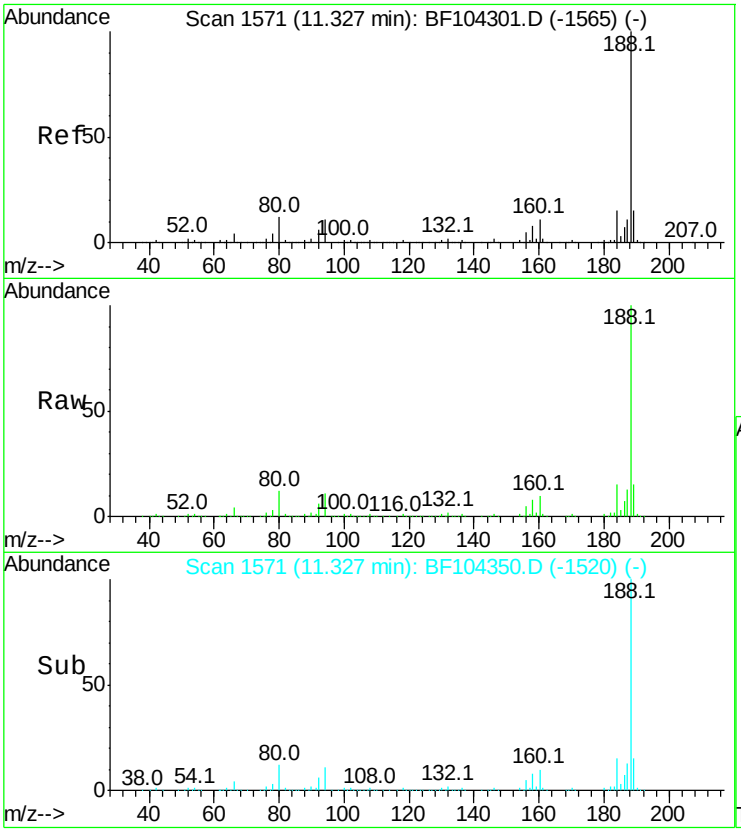


#56
2,4-Dinitrotoluene
Concen: 6.675 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Tgt Ion:165 Resp: 32938

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



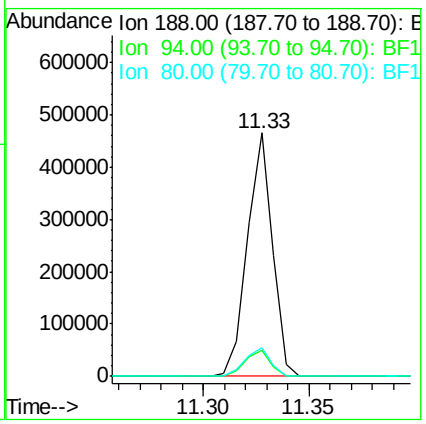


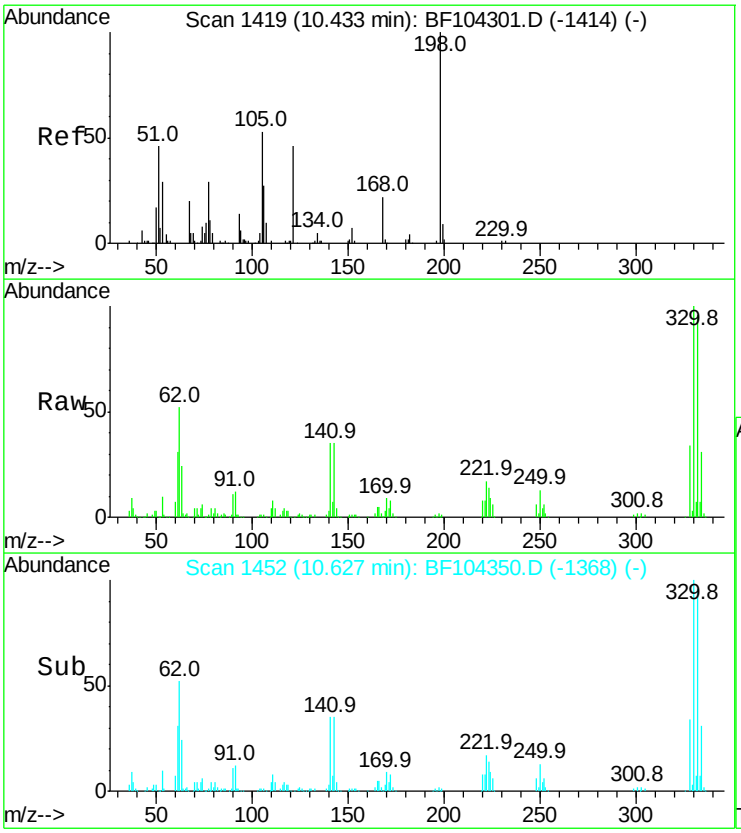
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 384964

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.7	9.2	13.8

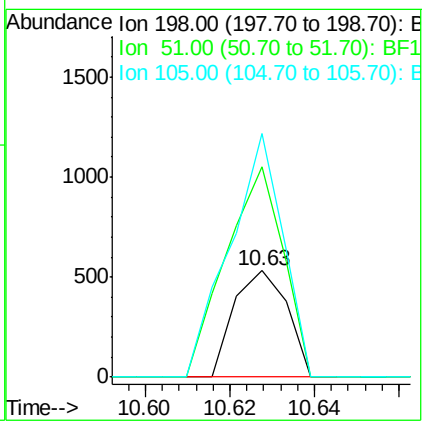


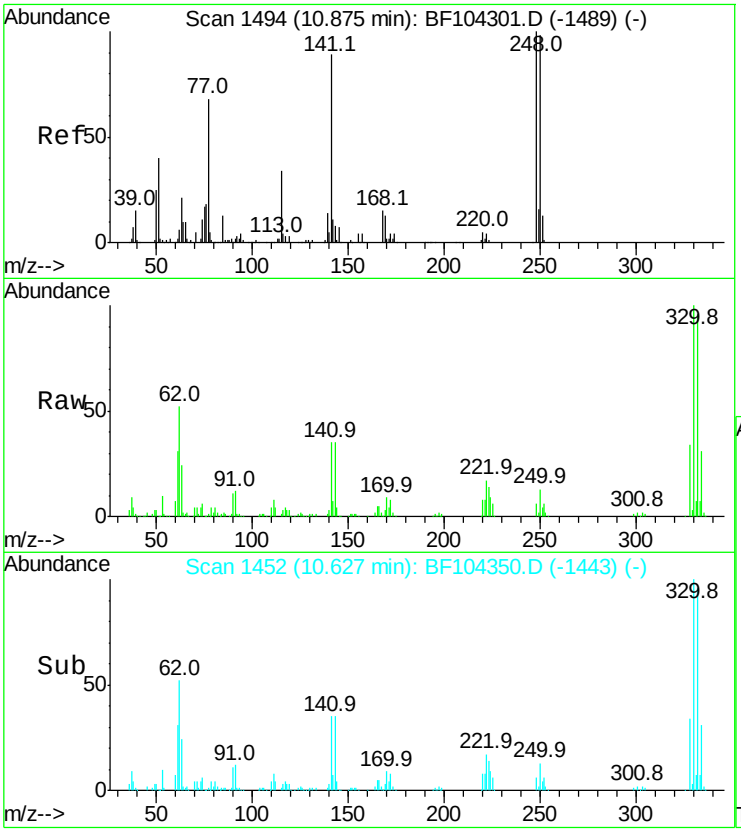


#64
4,6-Dinitro-2-methylphenol
Concen: 7.556 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Tgt Ion:198 Resp: 463

Ion	Ratio	Lower	Upper
198	100		
51	198.1	37.7	77.7#
105	229.4	36.3	76.3#



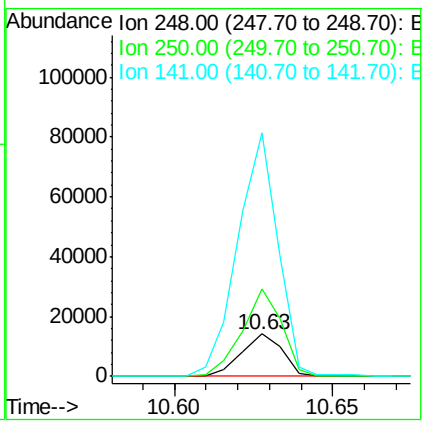


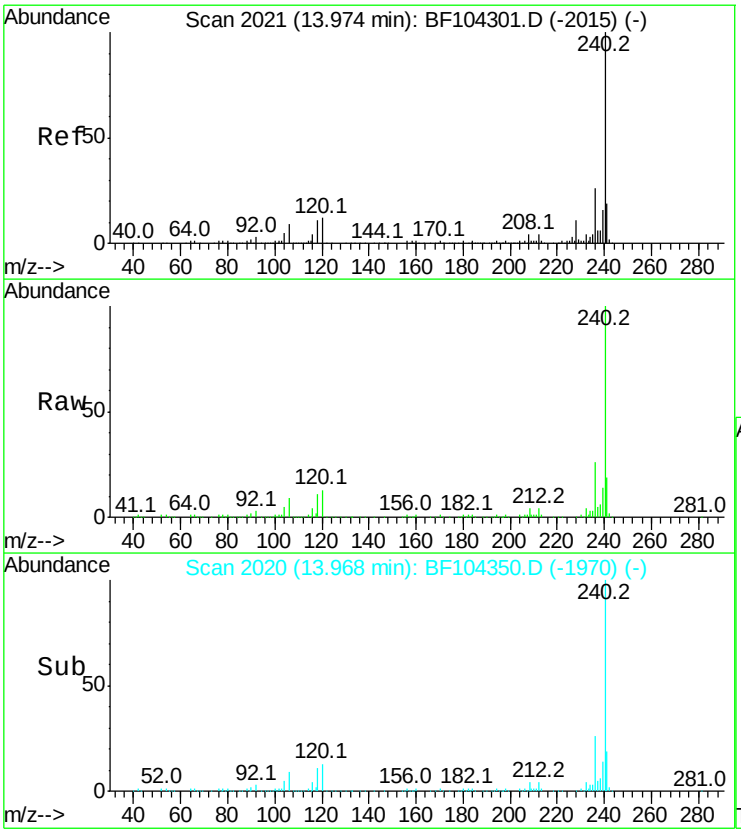
#66
4-Bromophenyl-phenylether
Concen: 3.061 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12536

Ion	Ratio	Lower	Upper
248	100		
250	204.2	76.9	115.3#
141	571.5	74.4	111.6#

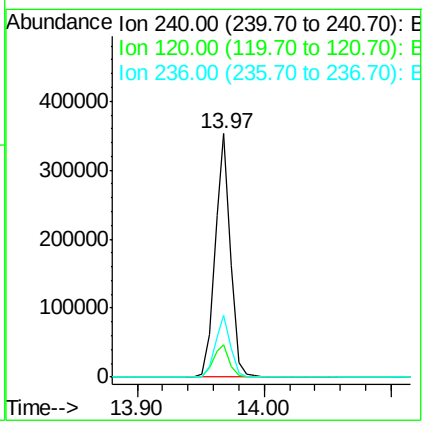


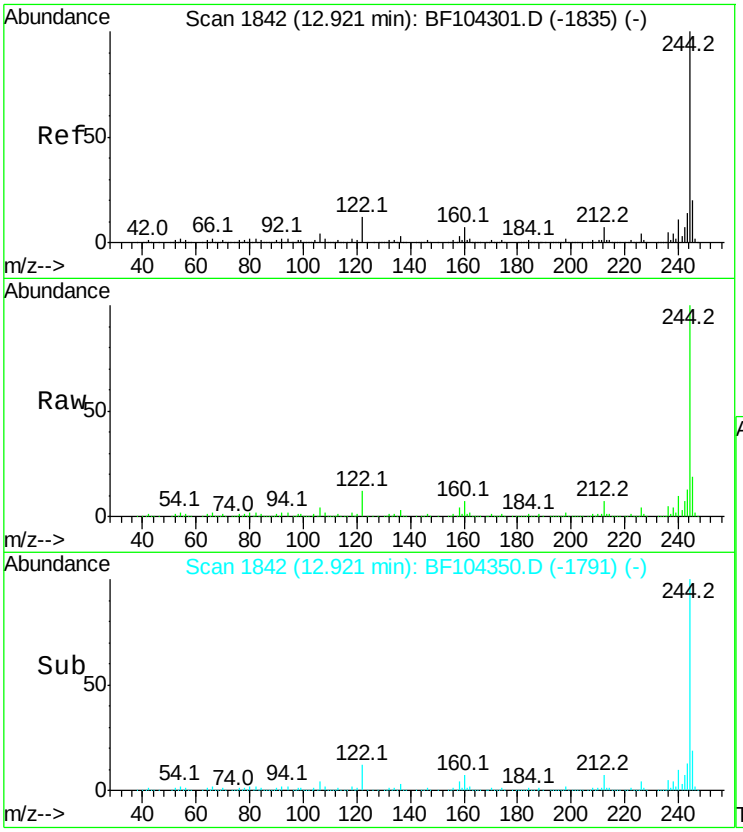


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Tgt Ion:240 Resp: 299065

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.7	20.7	31.1



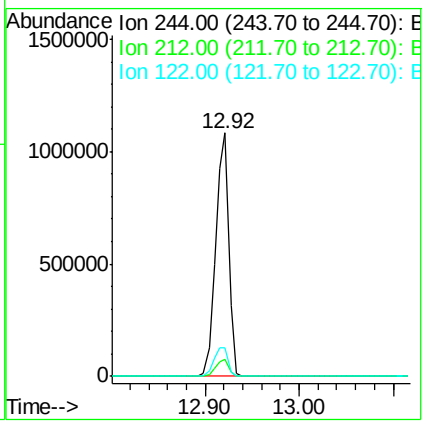


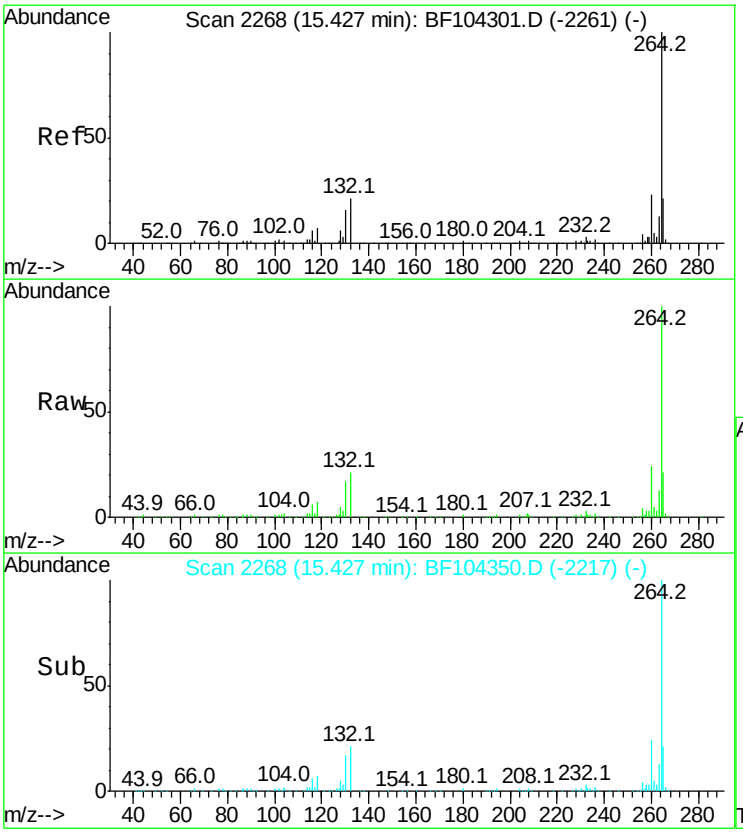
#78
Terphenyl-d14
Concen: 80.355 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1054081

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF104350.D
Acq: 7 Apr 2018 11:09

Tgt Ion:264 Resp: 273356

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.5	26.3