Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104328.D
Acq On : 7 Apr 2018 1:28
Operator : JU/SJ
Sample : J2248-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 07 02:30:48 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	141216	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	558703	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	247624	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	385386	20.00	ng	0.00
75) Chrysene-d12	13.97	240	284649	20.00	ng	0.00
86) Perylene-d12	15.43	264	260247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	607532	65.78	ng	0.00
7) Phenol-d6	6.43	99	913353	80.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	553359	64.67	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	109808	42.75	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	937577	59.81	ng	0.00
78) Terphenyl-d14	12.92	244	674265	54.00	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	1412	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	71977	9.707	ng	# 74
25) Isophorone	7.37	82	553157	30.573	ng	# 64
49) Dimethylphthalate	9.56	163	68881	3.527	ng	100
50) 2,6-Dinitrotoluene	9.84	165	31521	8.724	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	31521	6.651	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	140	7.410	ng	# 1
76) Benzidine	12.92	184	8806	Below Cal		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	218228	17.068	ng	99

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

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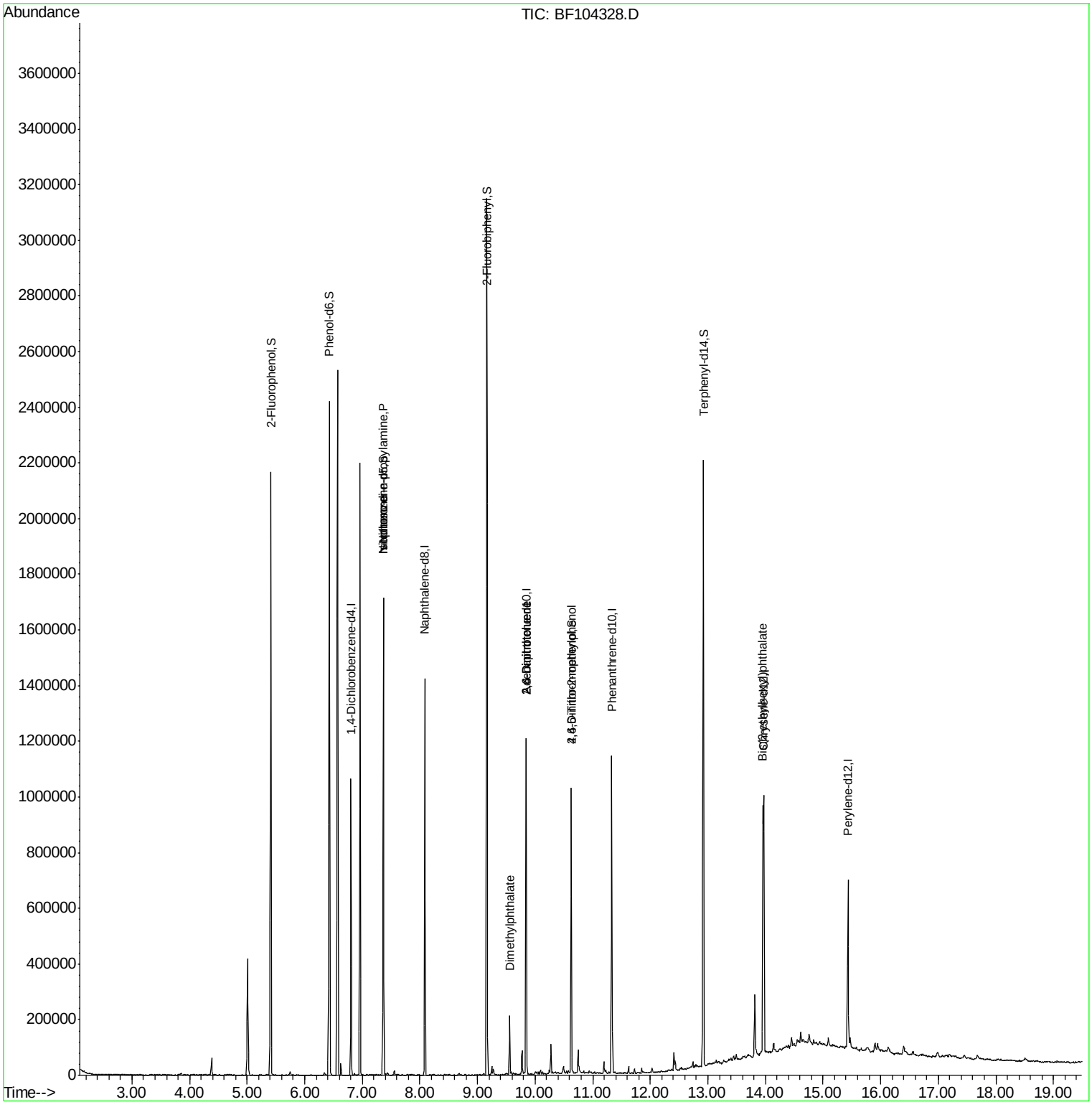
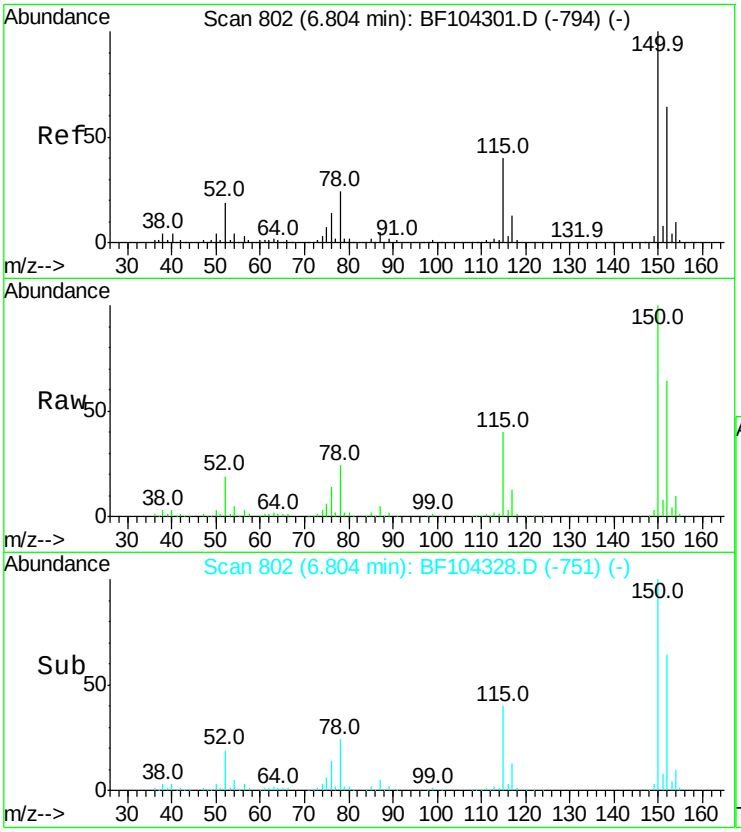


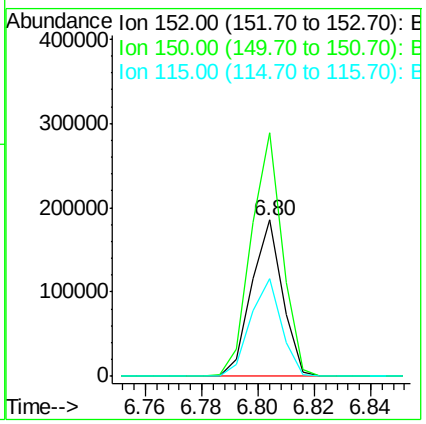


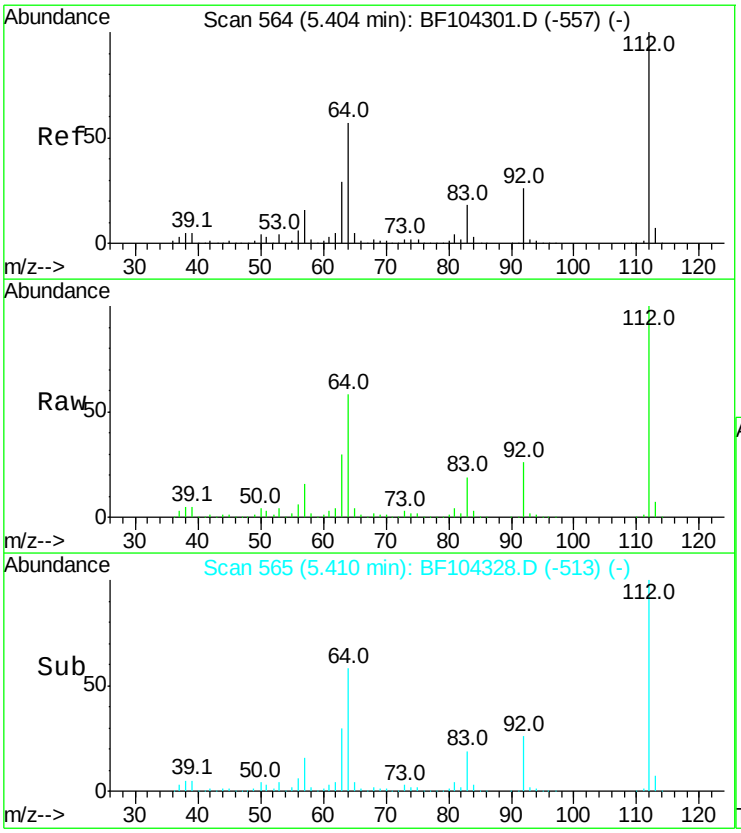
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141216

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	62.2	50.1	75.1

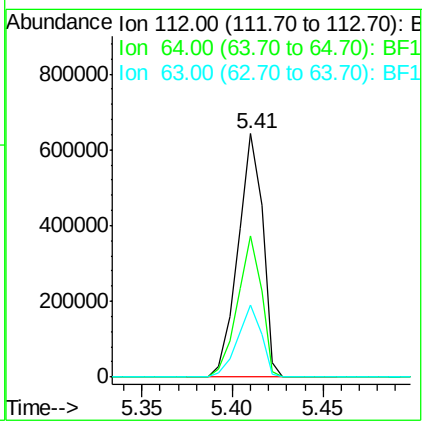


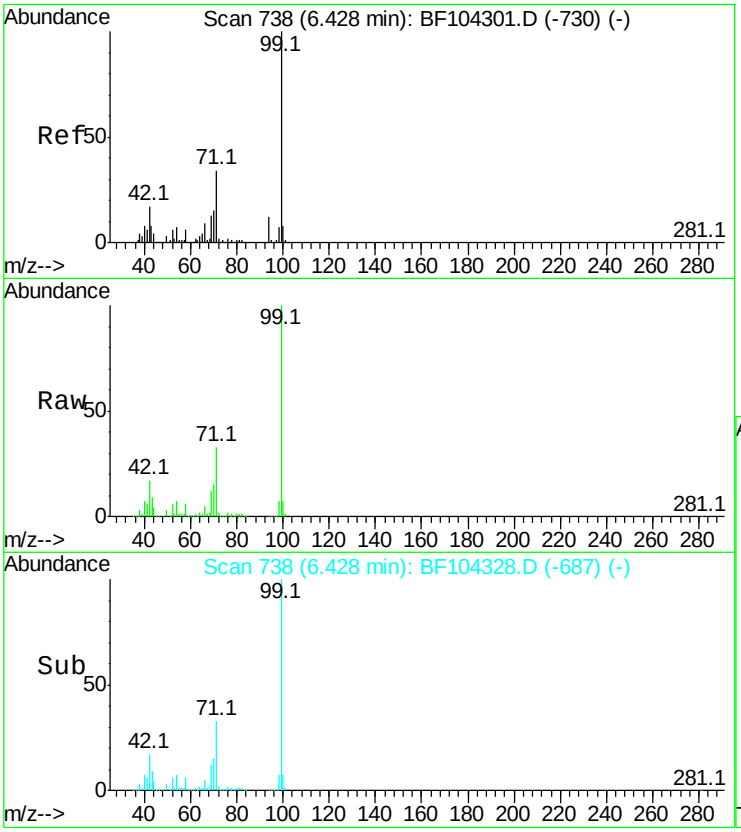


#5
2-Fluorophenol
Concen: 65.782 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion:112 Resp: 607532

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.5	23.7	35.5



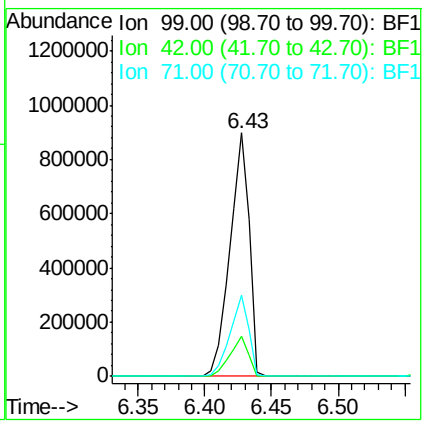


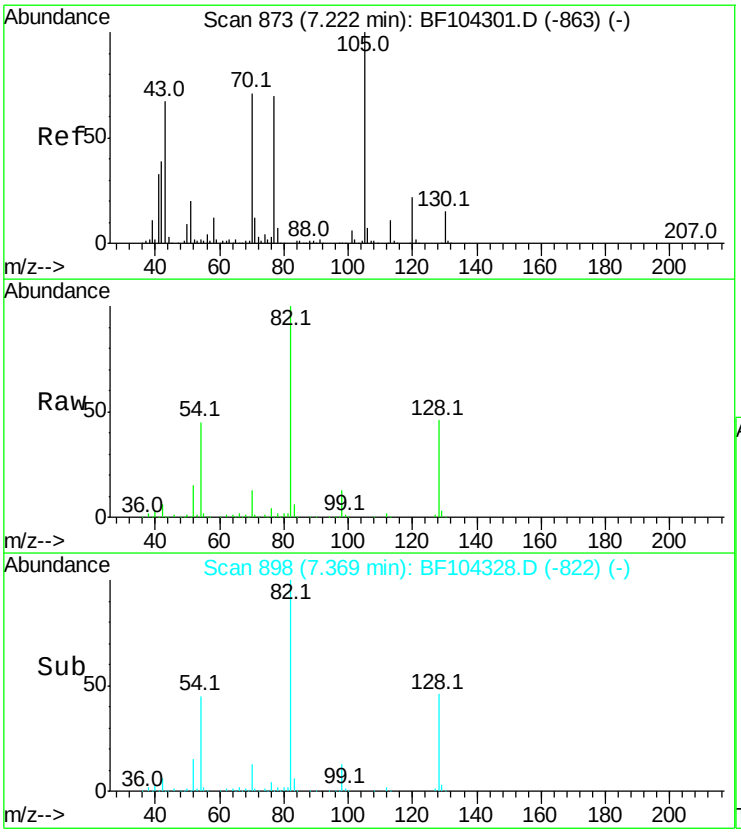
#7
Phenol-d6
Concen: 80.490 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 913353

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	33.2	25.4	38.0

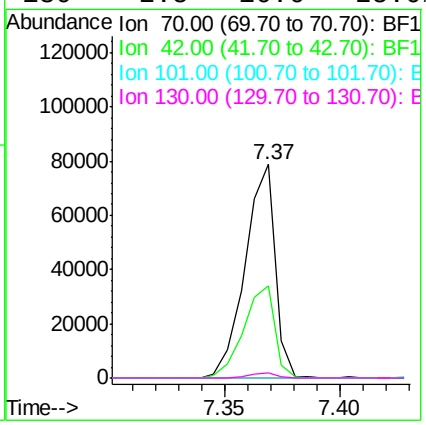


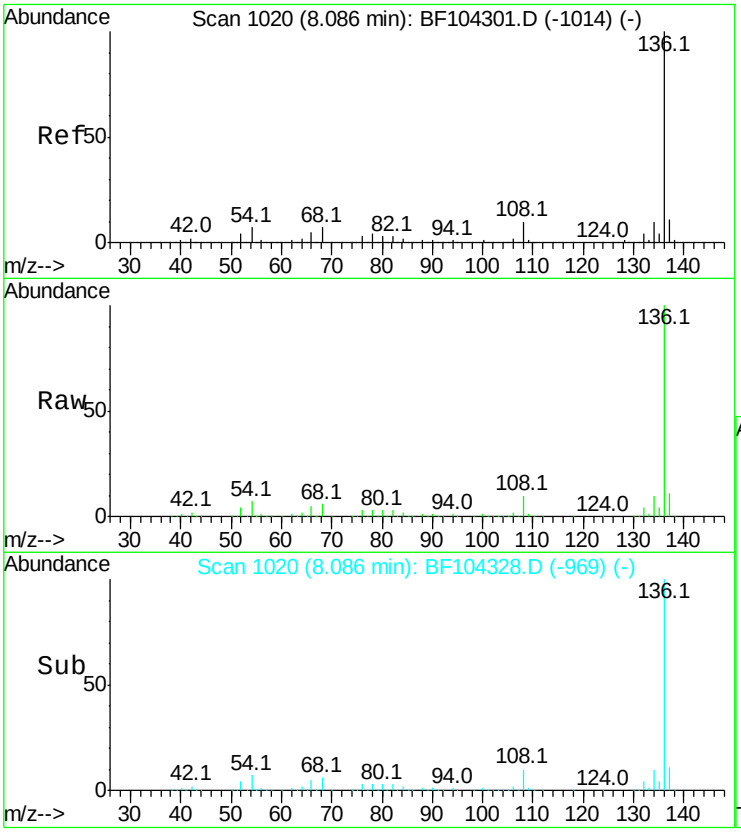


#19
n-Nitroso-di-n-propylamine
Concen: 9.707 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion: 70 Resp: 71977

Ion	Ratio	Lower	Upper
70	100		
42	42.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



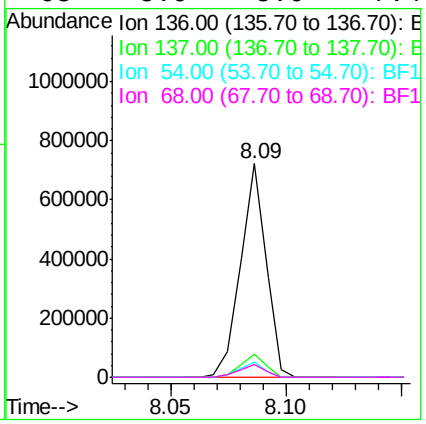


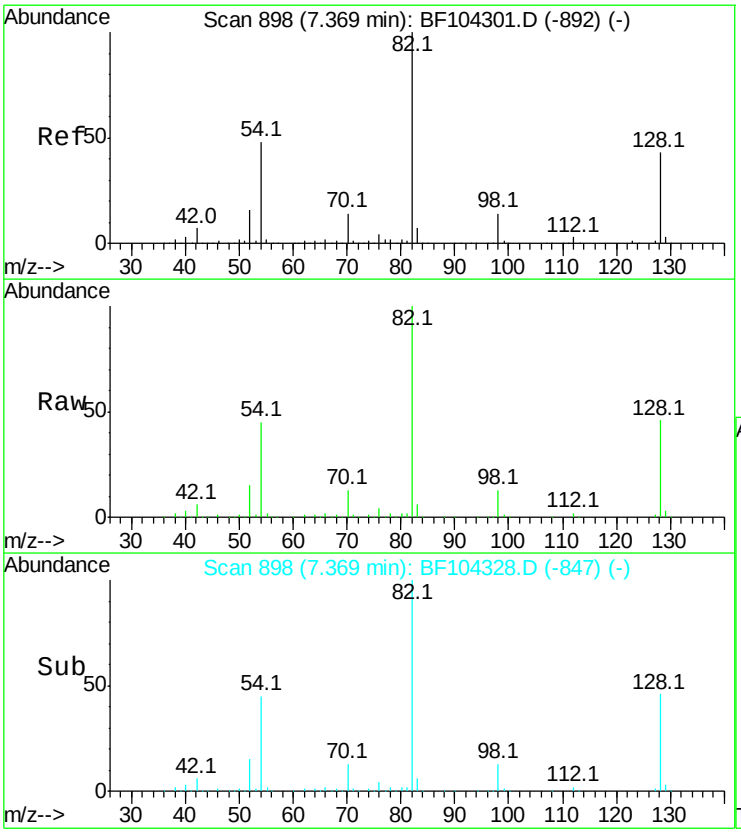
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 558703

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4

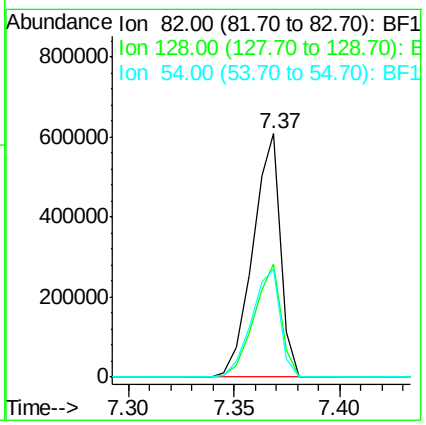


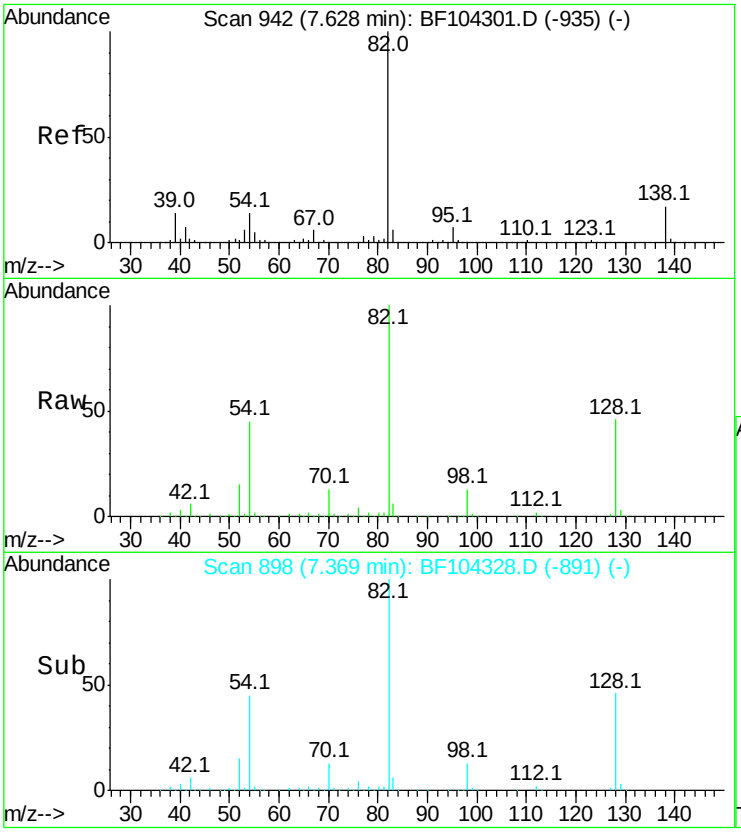


#23
Nitrobenzene-d5
Concen: 64.673 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion: 82 Resp: 553359

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	44.5	41.4	62.2



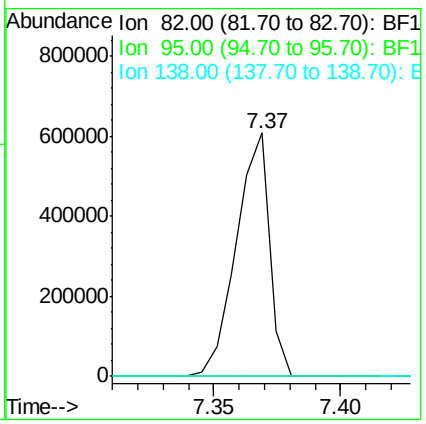


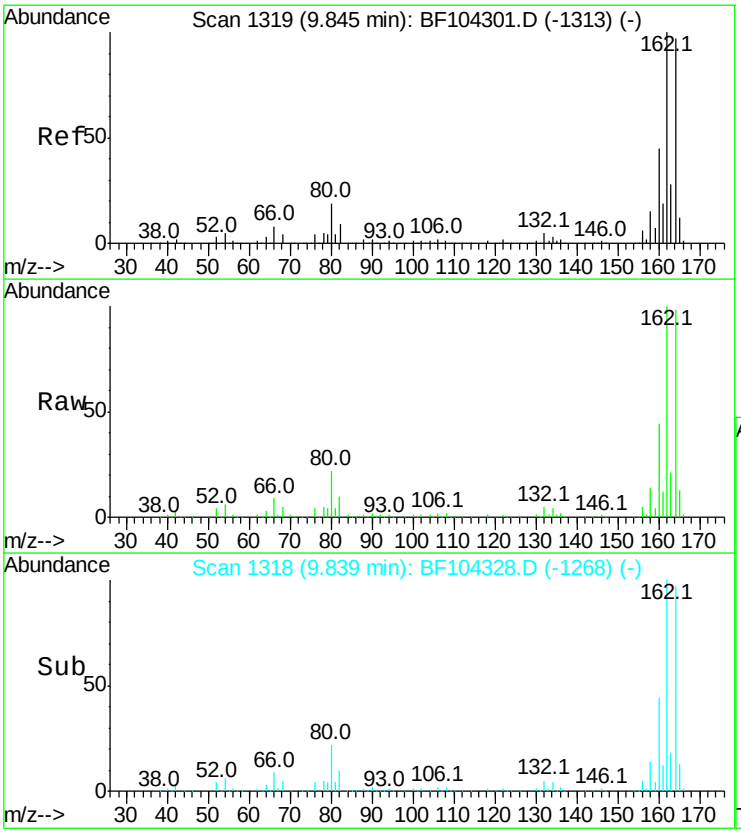
#25
Isophorone
Concen: 30.573 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 553157

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

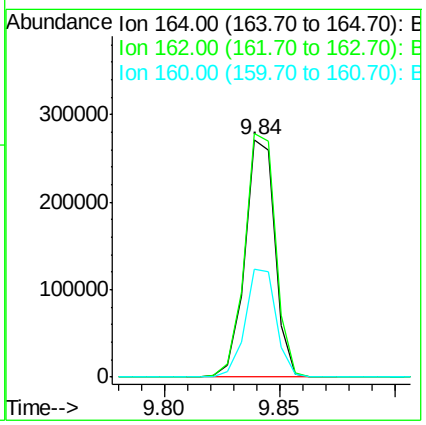


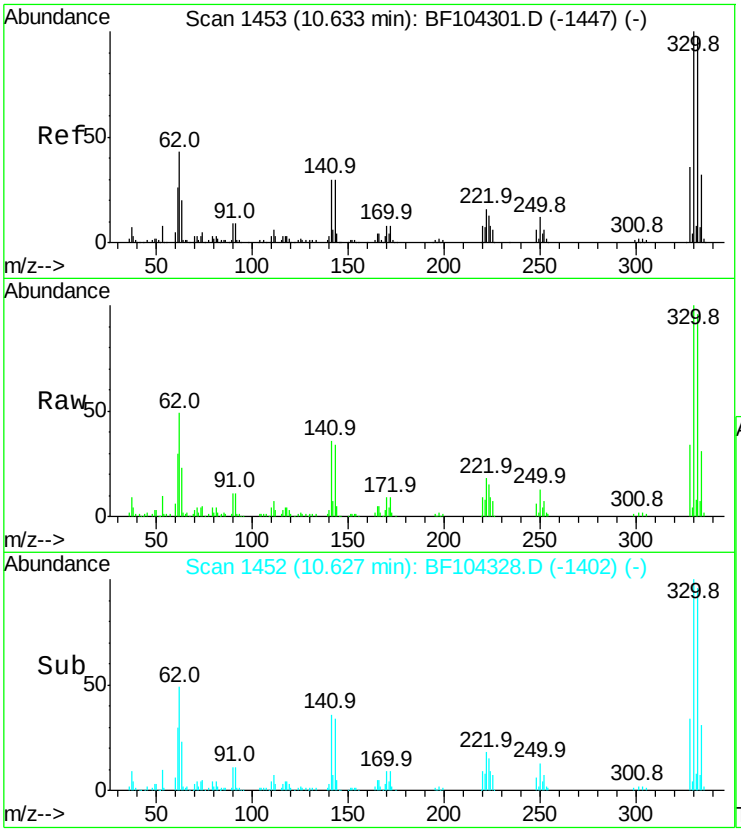


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion:164 Resp: 247624

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.3	38.3	57.5



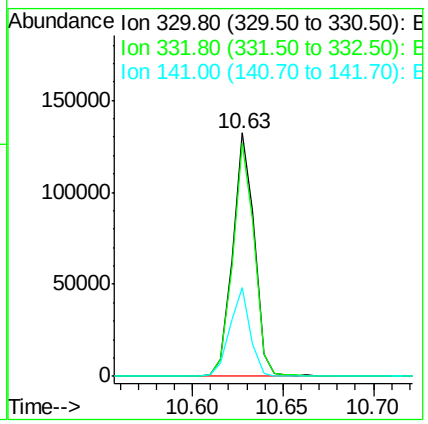


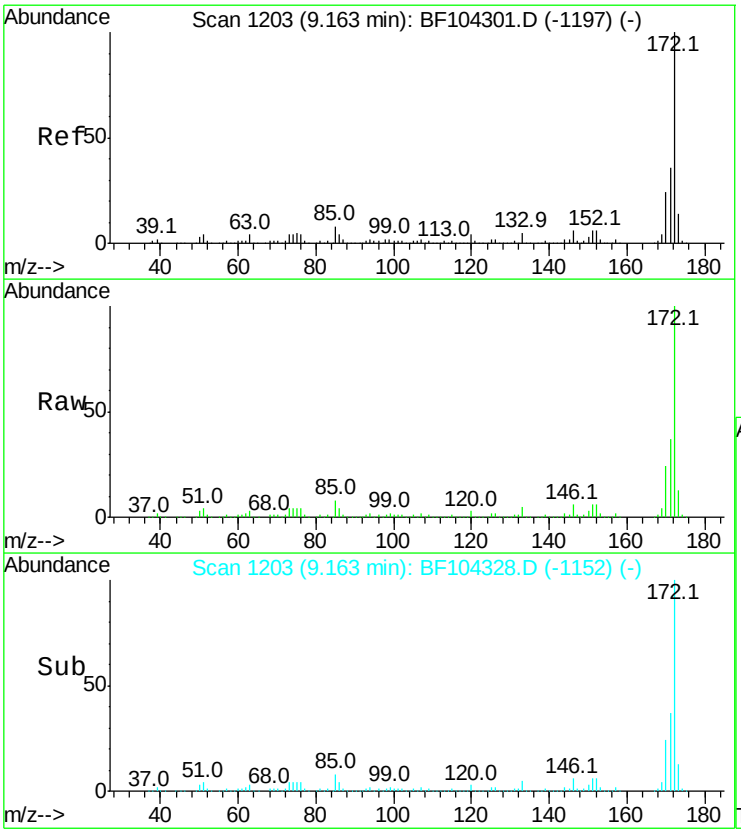
#41
2,4,6-Tribromophenol
Concen: 42.749 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 109808

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.6	29.9	44.9

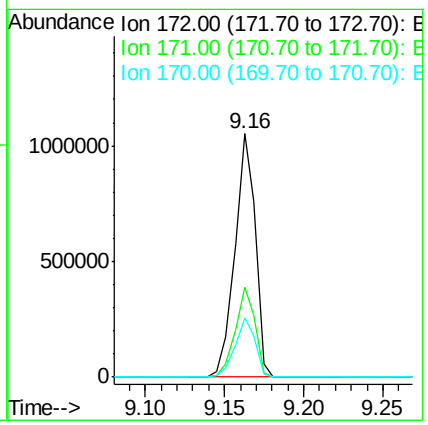


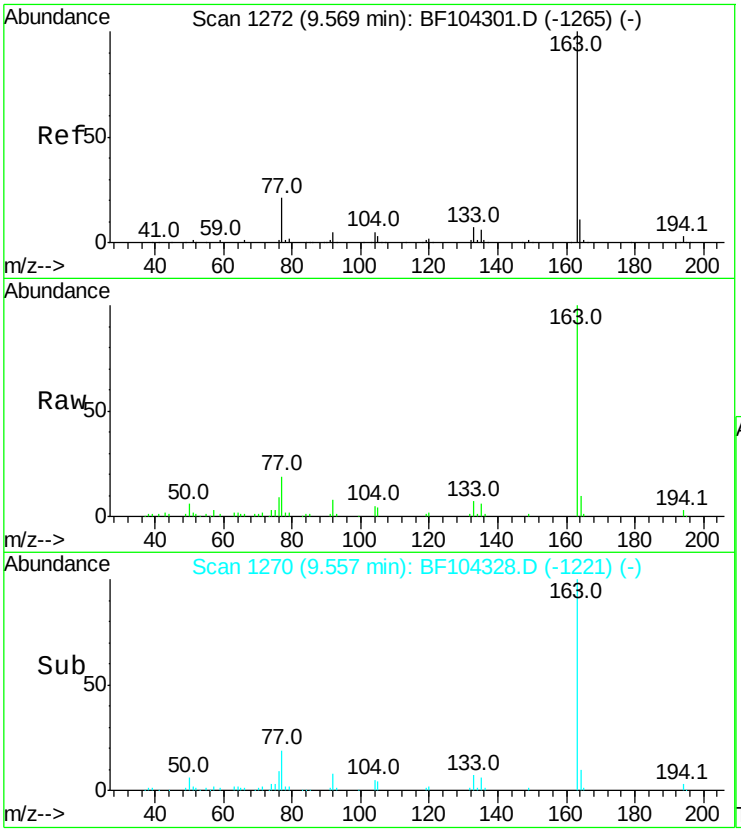


#44
2-Fluorobiphenyl
Concen: 59.814 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion:172 Resp: 937577

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4



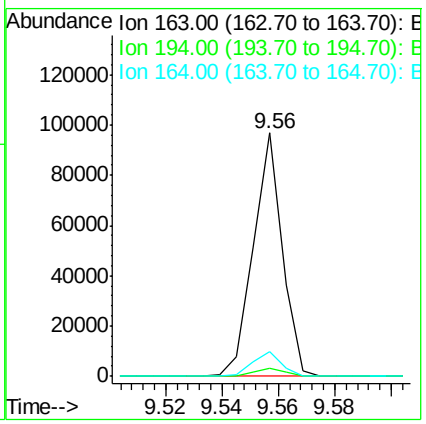


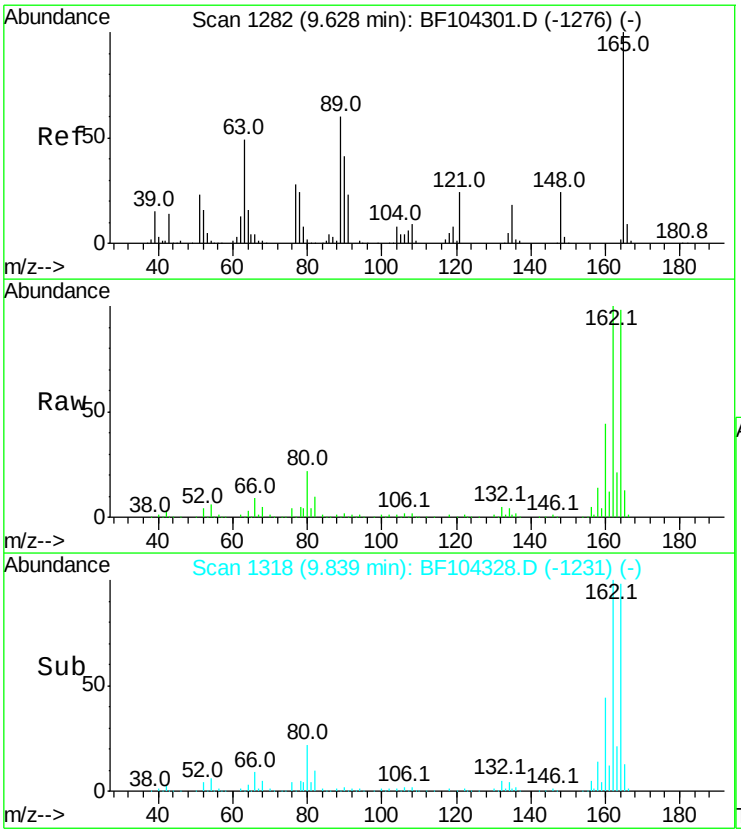
#49
Dimethylphthalate
Concen: 3.527 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 68881

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.2	8.2	12.2

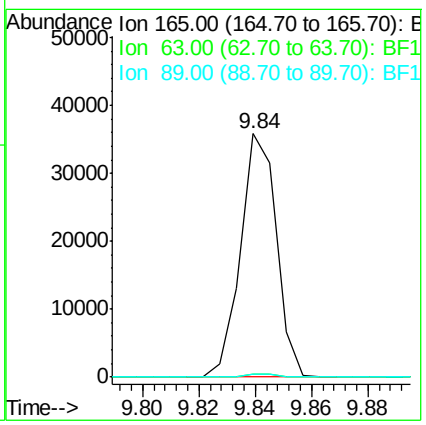


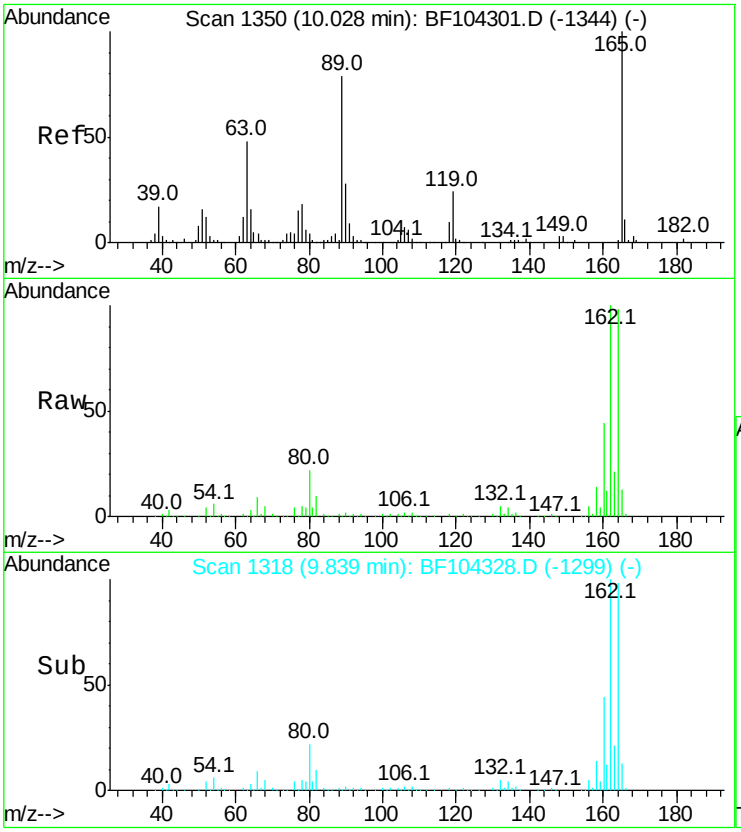


#50
2,6-Dinitrotoluene
Concen: 8.724 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion:165 Resp: 31521

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.3	44.0	66.0#



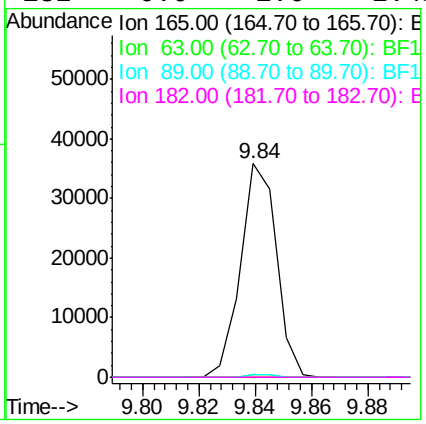


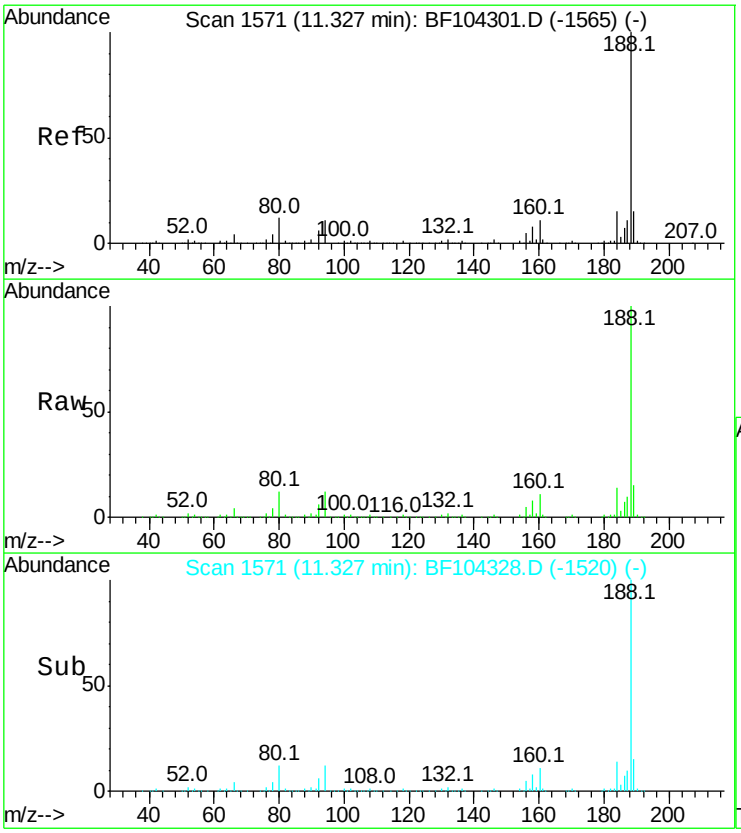
#56
2,4-Dinitrotoluene
Concen: 6.651 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31521

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

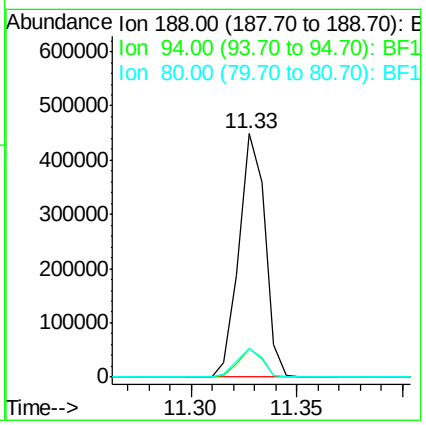


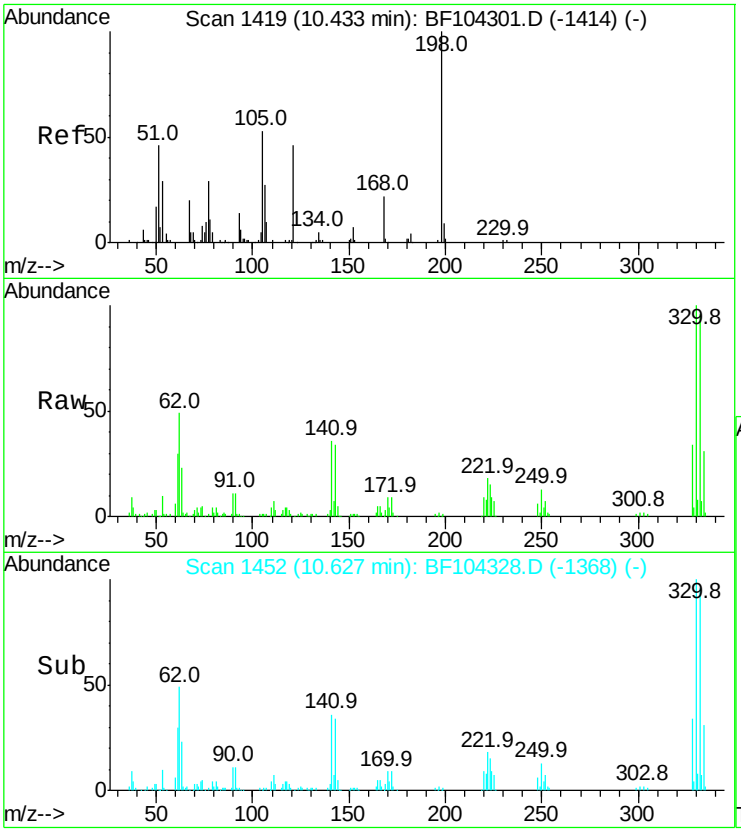


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion:188 Resp: 385386

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	11.9	9.2	13.8



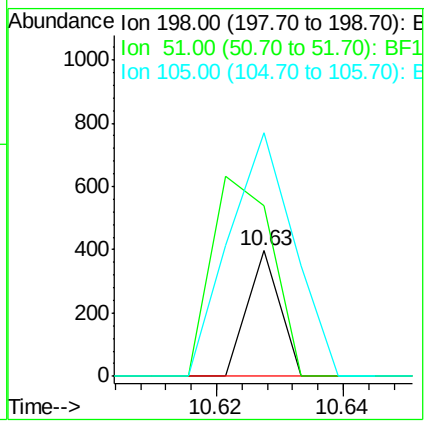


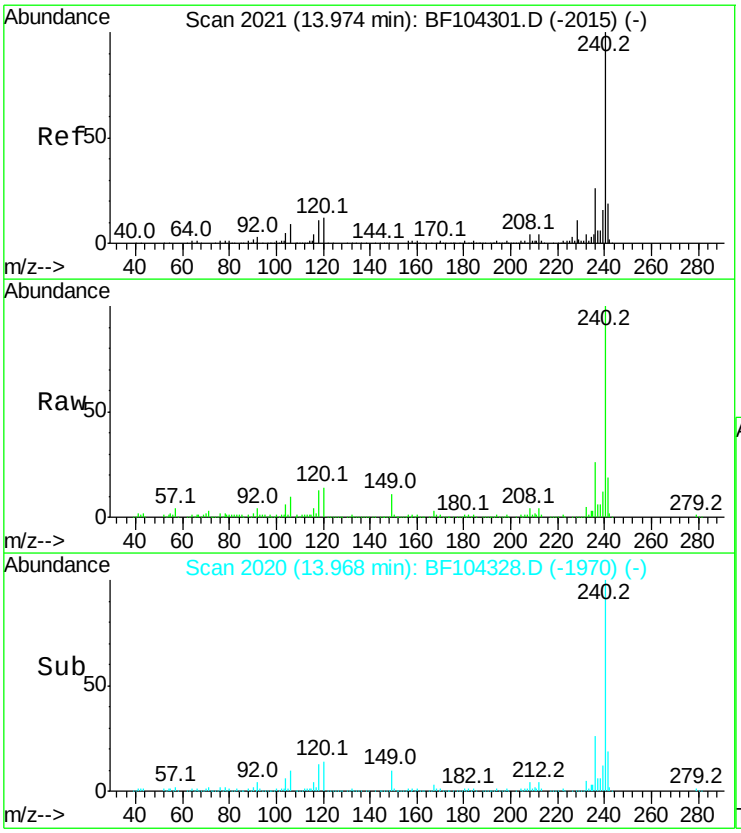
#64
4,6-Dinitro-2-methylphenol
Concen: 7.410 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 140

Ion	Ratio	Lower	Upper
198	100		
51	135.5	37.7	77.7#
105	193.7	36.3	76.3#

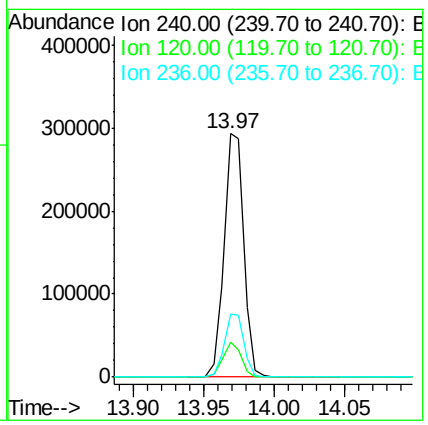


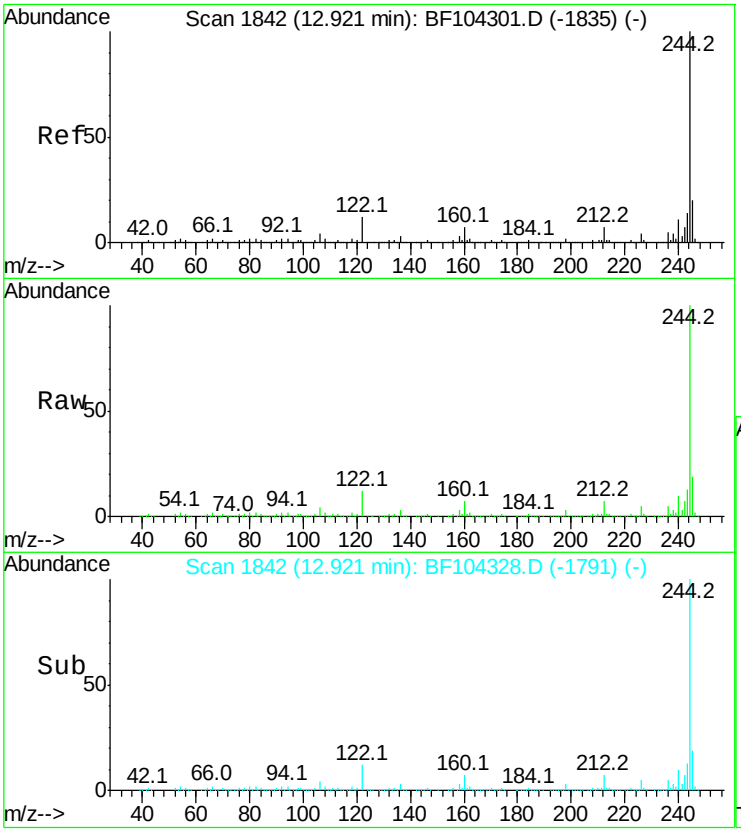


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion:240 Resp: 284649

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.2	20.7	31.1



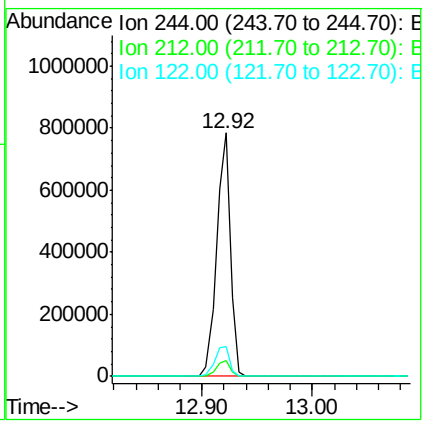


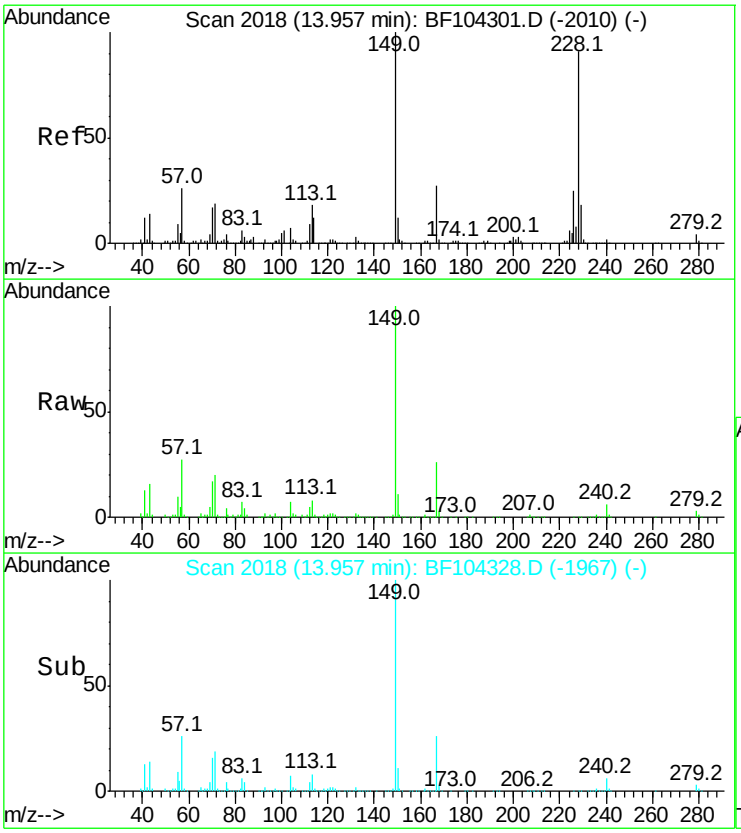
#78
Terphenyl-d14
Concen: 54.004 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 674265

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.4	11.0	16.4

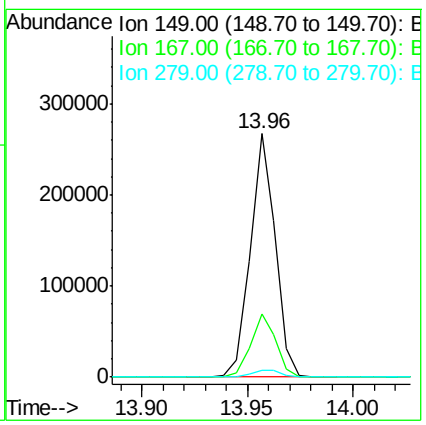


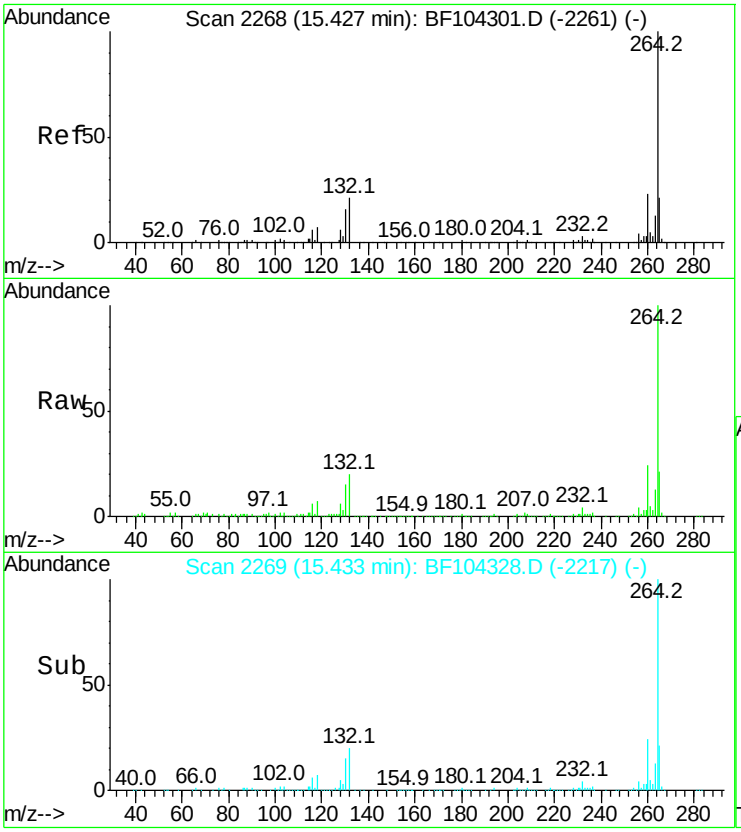


#83
Bis(2-ethylhexyl)phthalate
Concen: 17.068 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion:149 Resp: 218228

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.0	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 260247

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3