Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104349.D
Acq On : 7 Apr 2018 10:43
Operator : JU/SJ
Sample : J2255-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 09 00:49:32 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	147920	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	585229	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	250633	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	365986	20.00	ng	0.00
75) Chrysene-d12	13.97	240	297397	20.00	ng	0.00
86) Perylene-d12	15.43	264	274125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	265262	27.42	ng	0.00
7) Phenol-d6	6.42	99	191897	16.14	ng	-0.01
23) Nitrobenzene-d5	7.37	82	659036	73.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	149367	57.45	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1159242	73.07	ng	0.00
78) Terphenyl-d14	12.92	244	843993	64.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	10761	Below Cal	#	78
19) n-Nitroso-di-n-propylamine	7.37	70	85723	11.037	ng	# 73
25) Isophorone	7.37	82	658581	34.749	ng	# 64
49) Dimethylphthalate	9.56	163	92395	4.675	ng	99
50) 2,6-Dinitrotoluene	9.84	165	31495	8.612	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	31495	6.565	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	273	7.477	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	8873	2.279	ng	# 1
76) Benzidine	12.92	184	11013	Below Cal		94

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

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Acq On : 7 Apr 2018 10:43
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Misc :
ALS Vial : 43 Sample Multiplier: 1

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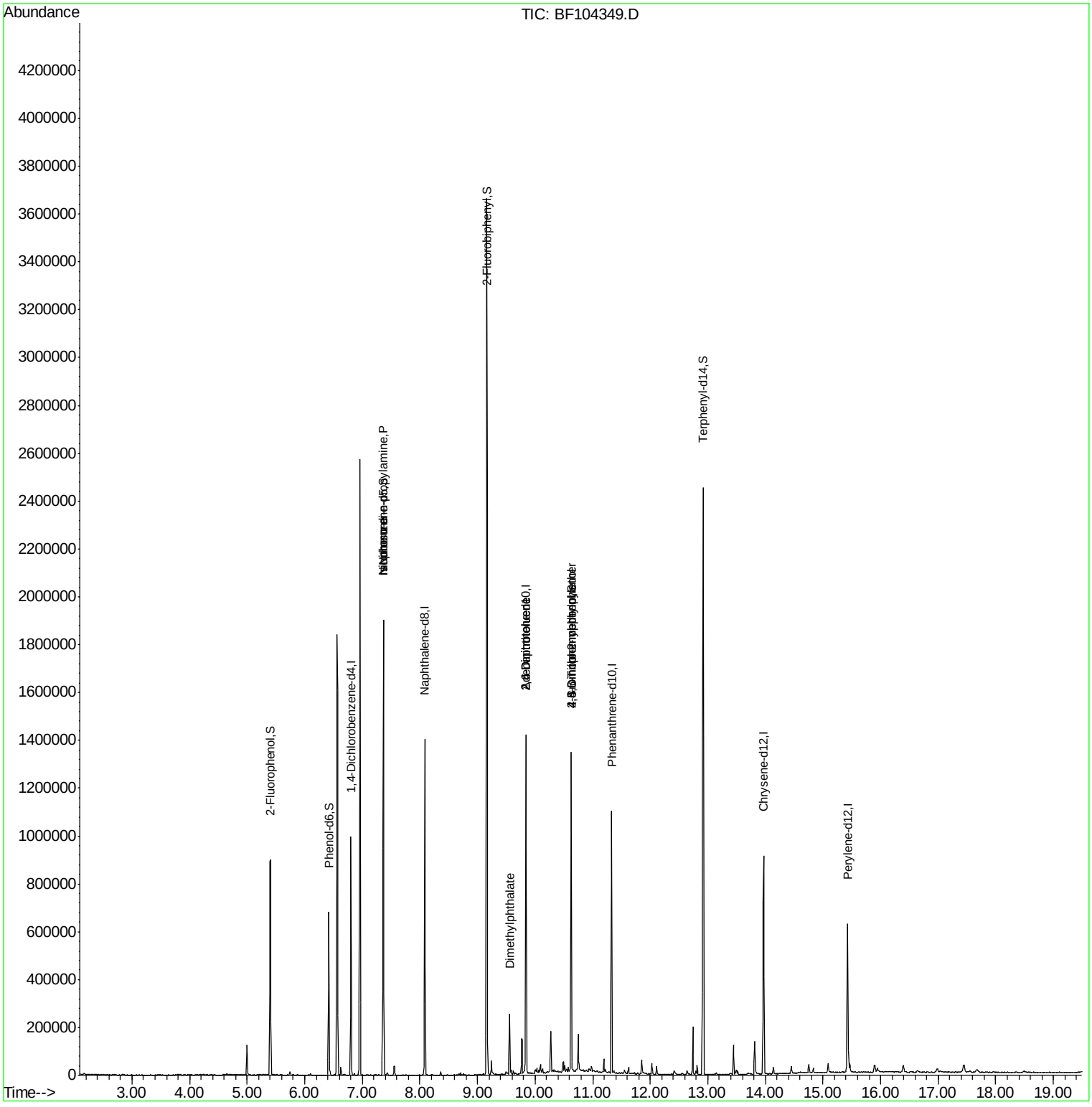
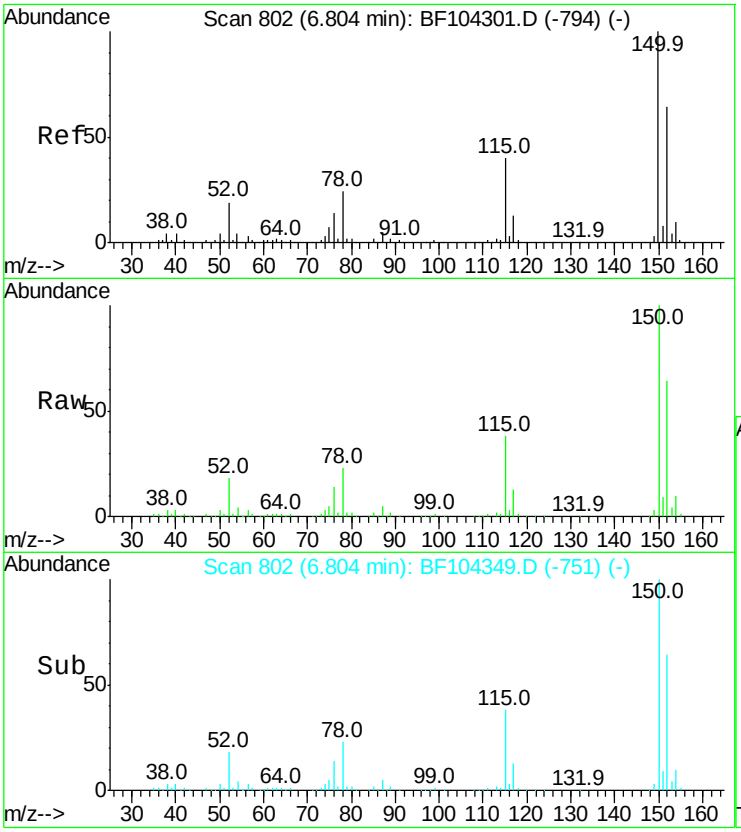


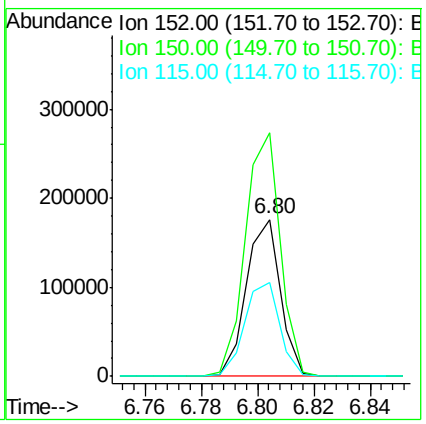


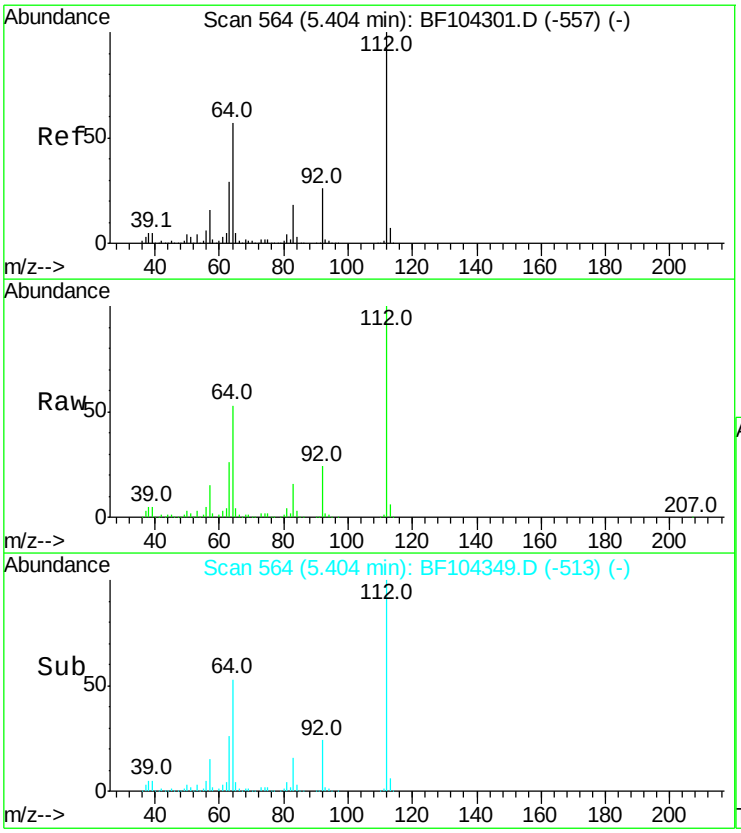
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147920

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	59.6	50.1	75.1

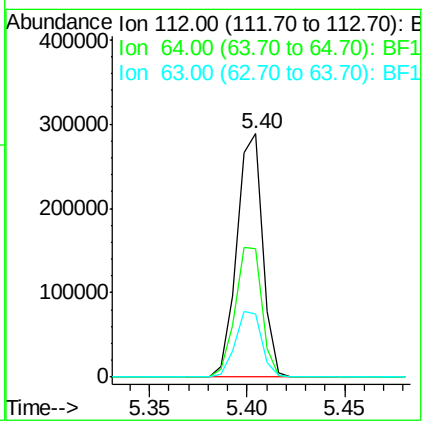


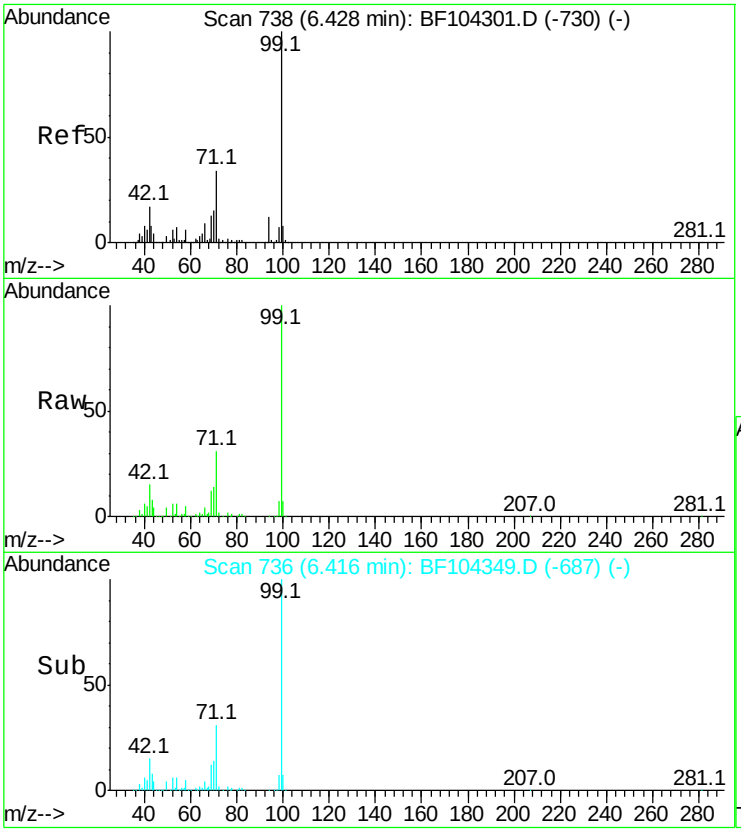


#5
2-Fluorophenol
Concen: 27.420 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Tgt Ion:112 Resp: 265262

Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	26.2	23.7	35.5



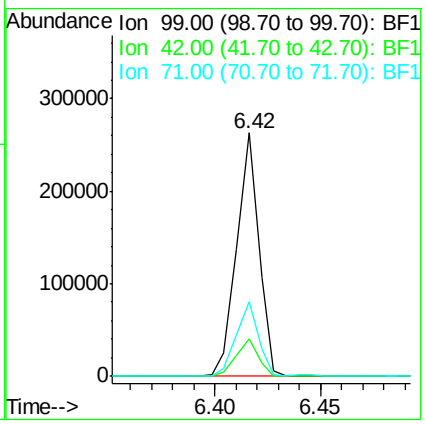


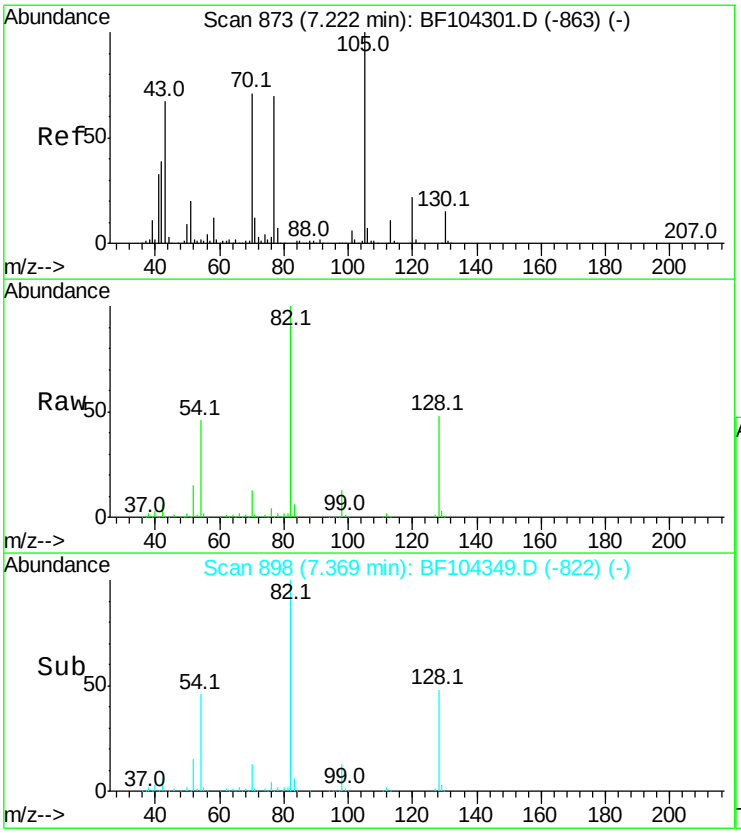
#7
Phenol-d6
Concen: 16.145 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 191897

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	30.7	25.4	38.0

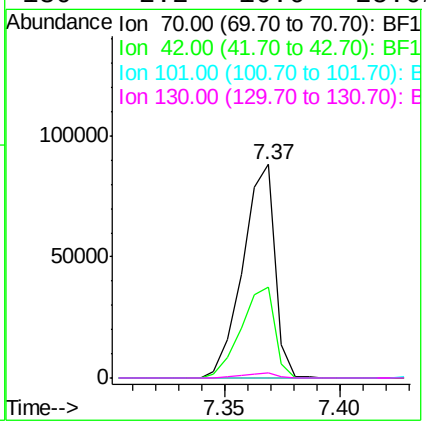


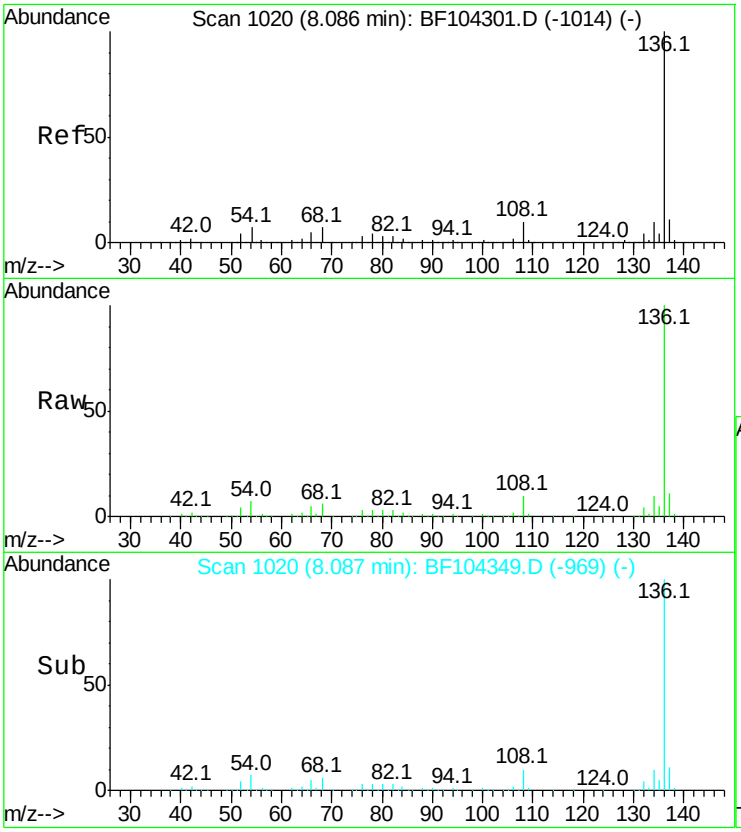


#19
n-Nitroso-di-n-propylamine
Concen: 11.037 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Tgt Ion: 70 Resp: 85723

Ion	Ratio	Lower	Upper
70	100		
42	42.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



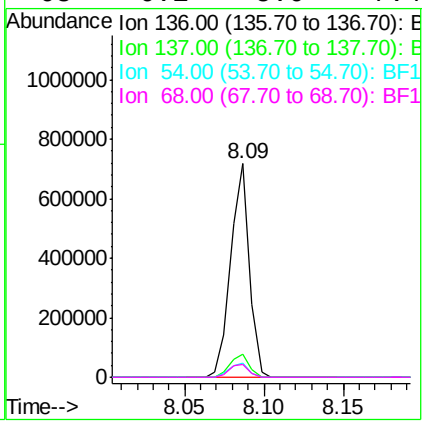


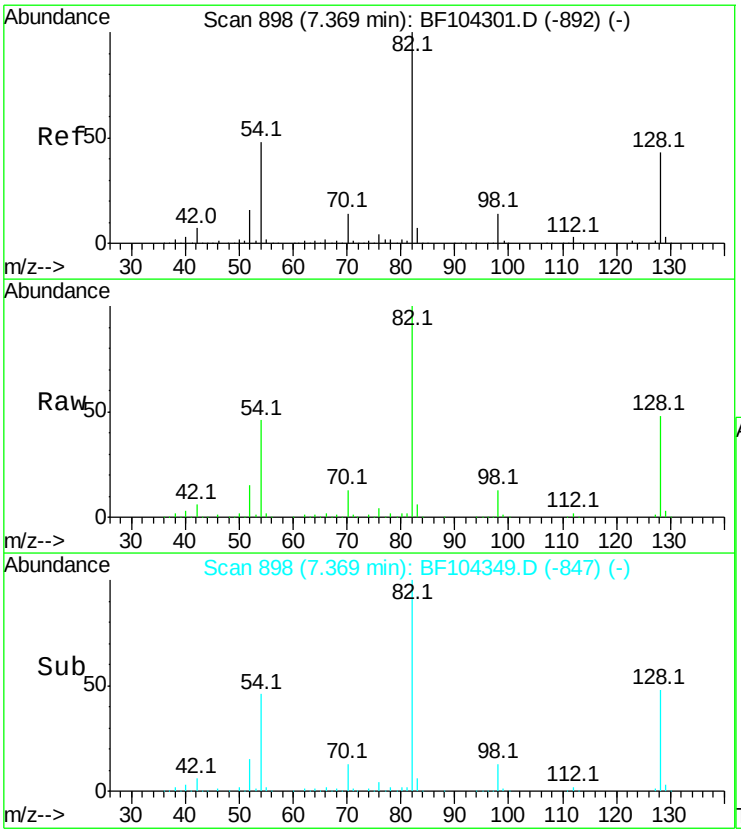
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 585229

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	6.6	9.8
68	6.1	5.0	7.4

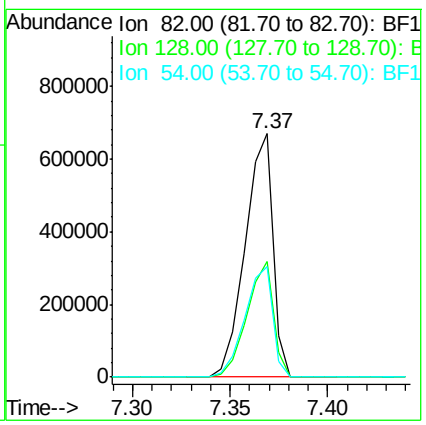


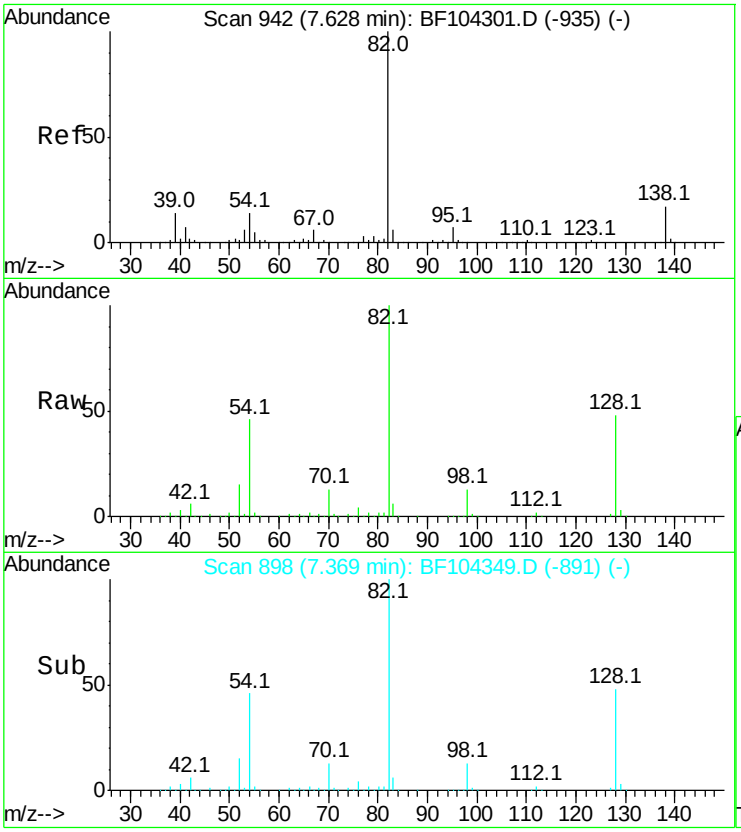


#23
Nitrobenzene-d5
Concen: 73.533 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Tgt Ion: 82 Resp: 659036

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	45.5	41.4	62.2



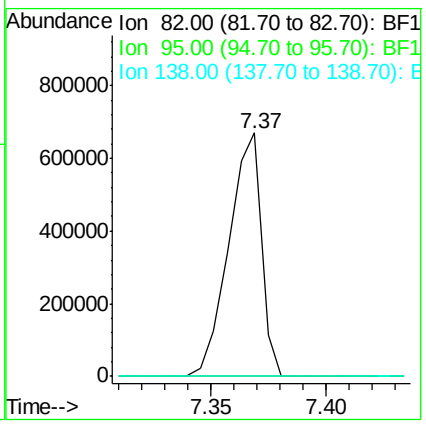


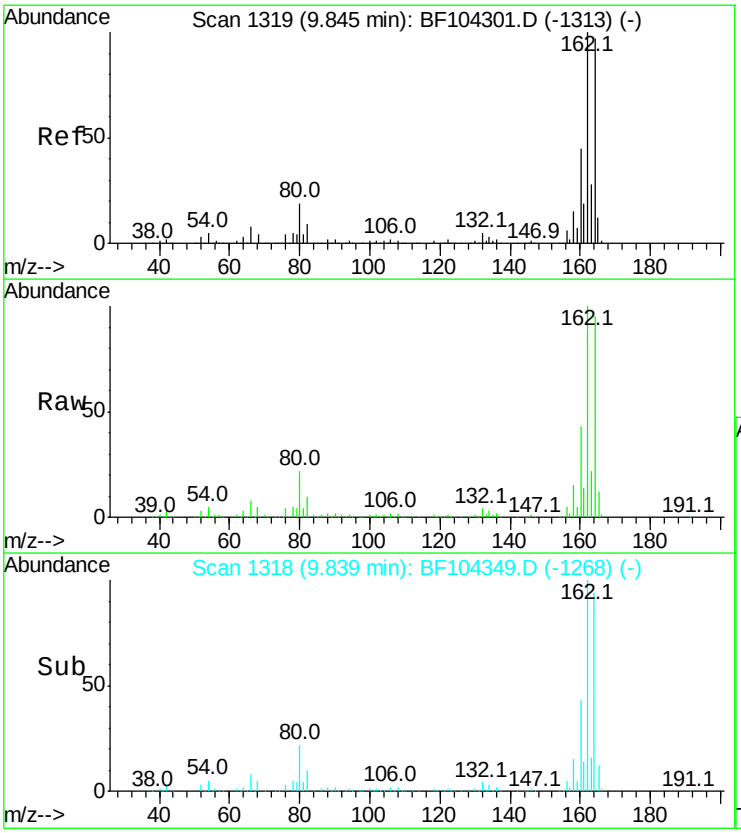
#25
Isophorone
Concen: 34.749 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 658581

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

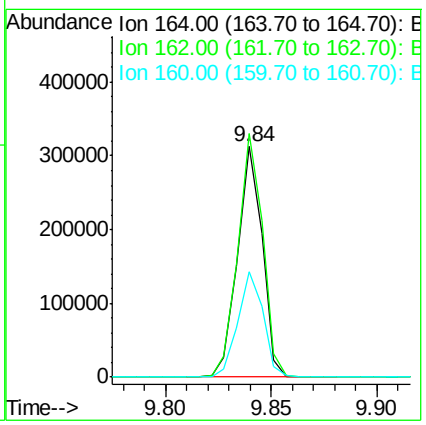


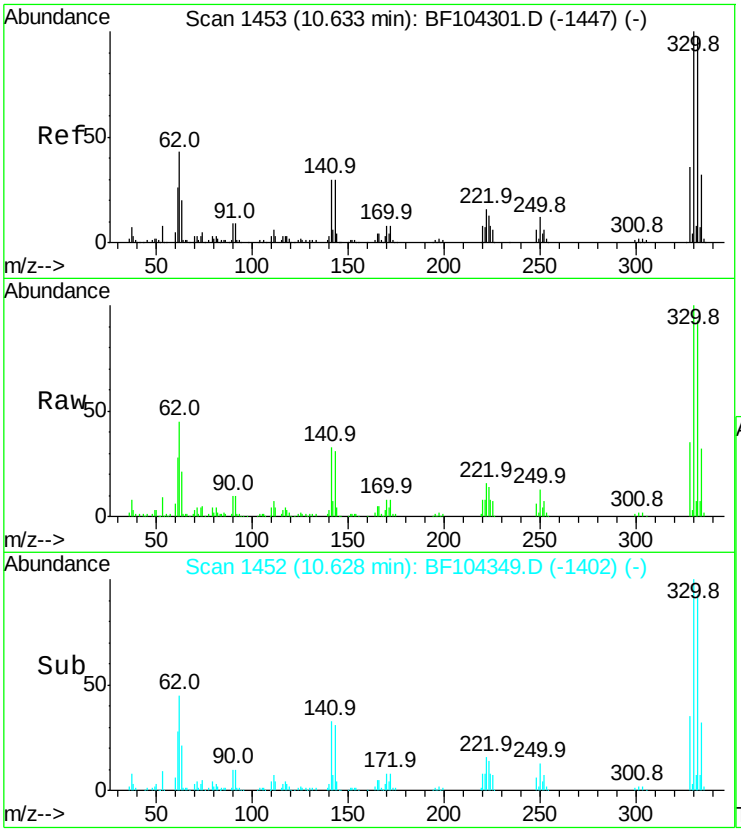


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Tgt Ion:164 Resp: 250633

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	45.9	38.3	57.5



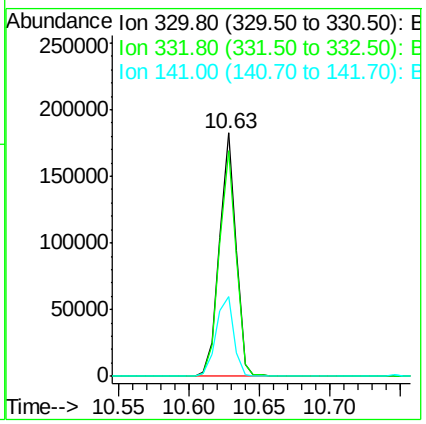


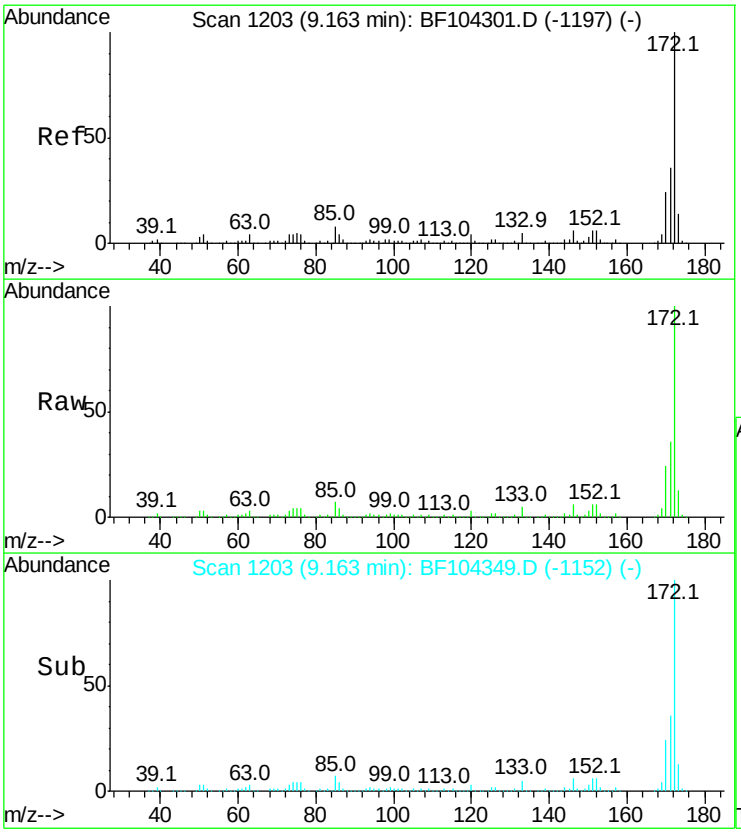
#41
2,4,6-Tribromophenol
Concen: 57.451 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 149367

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	35.2	29.9	44.9

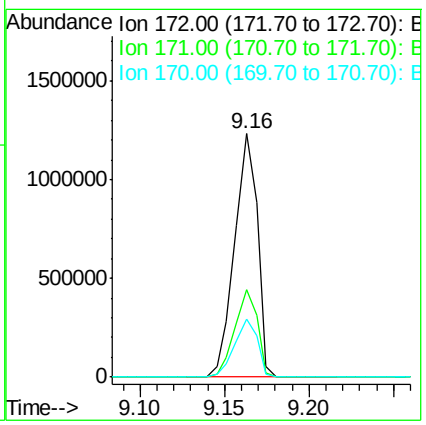


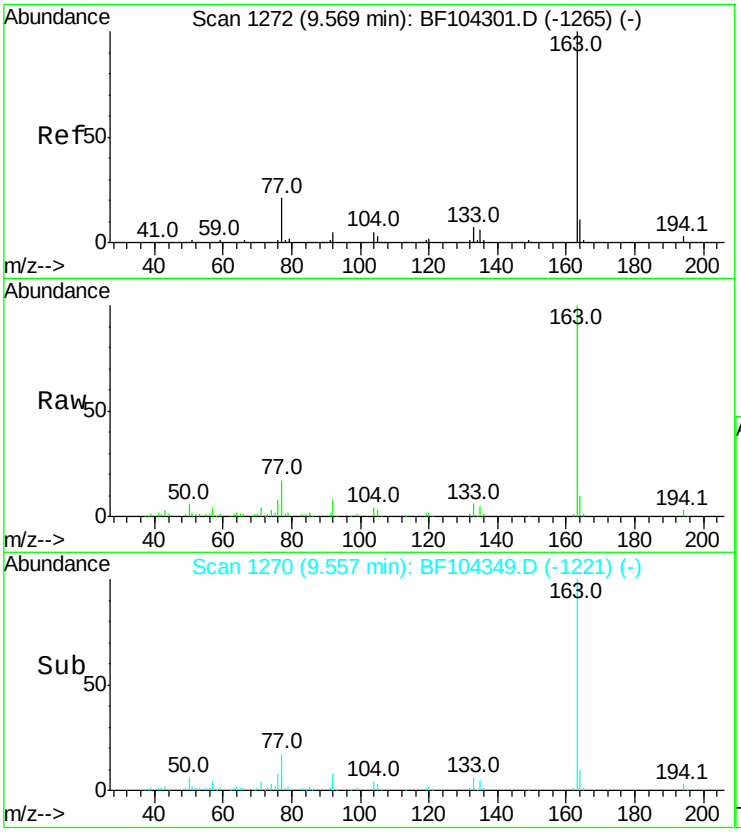


#44
2-Fluorobiphenyl
Concen: 73.068 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Tgt Ion:172 Resp: 1159242

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4



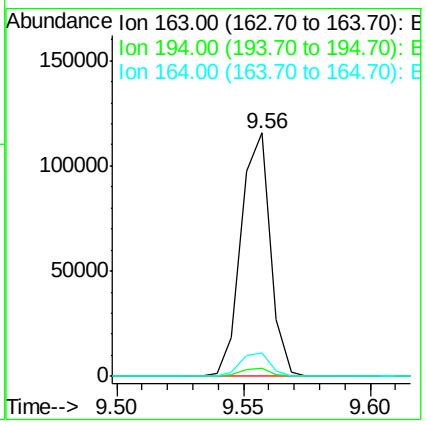


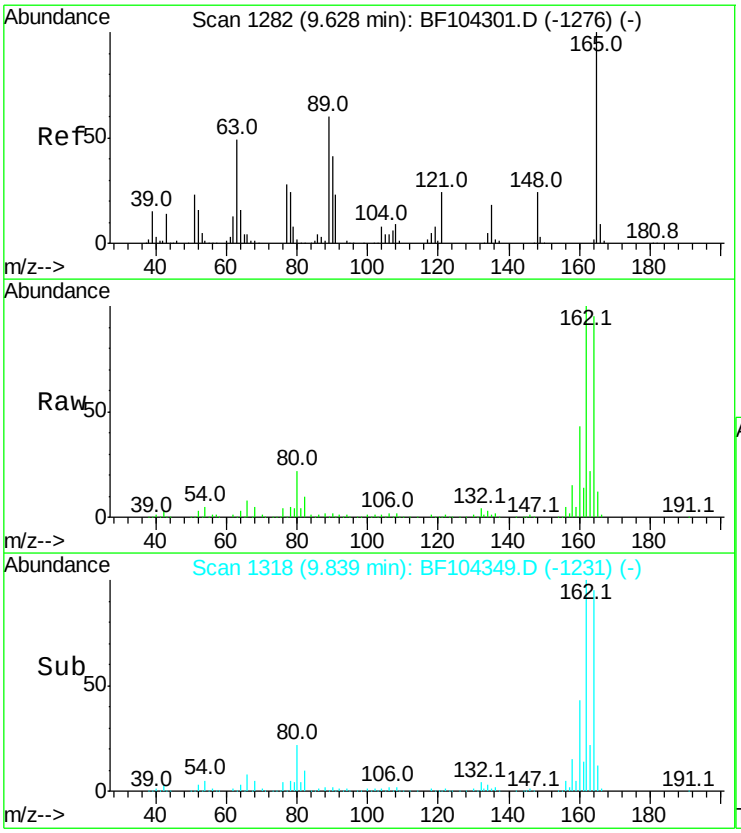
#49
Dimethylphthalate
Concen: 4.675 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 92395

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2

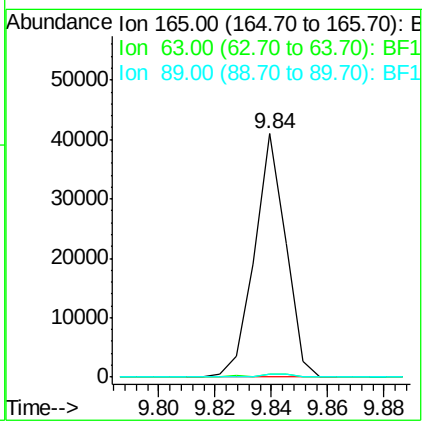


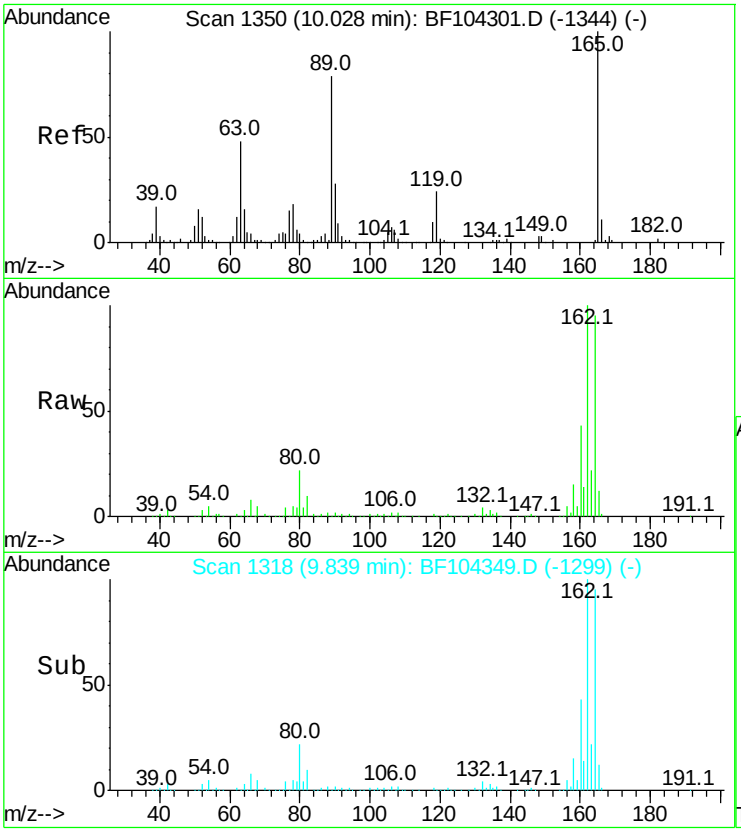


#50
2,6-Dinitrotoluene
Concen: 8.612 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Tgt Ion:165 Resp: 31495

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.1	44.0	66.0#



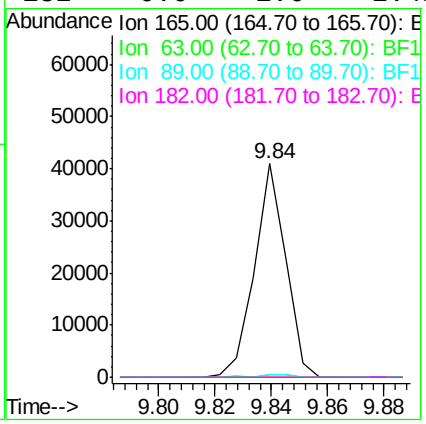


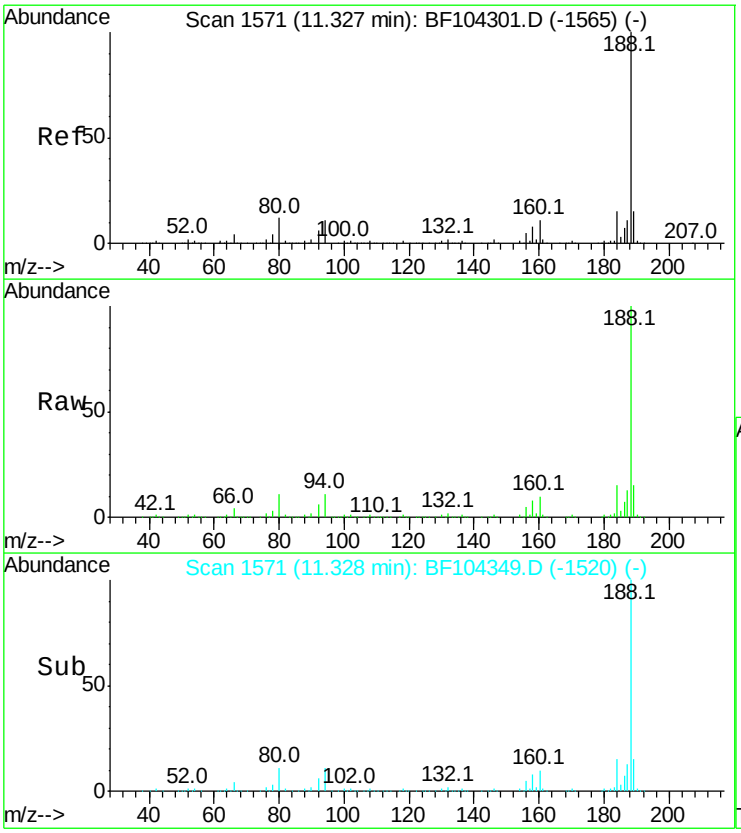
#56
2,4-Dinitrotoluene
Concen: 6.565 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31495

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

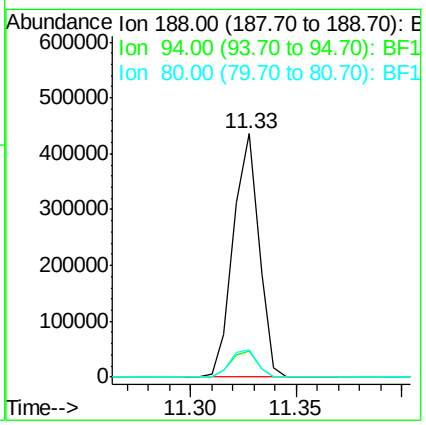


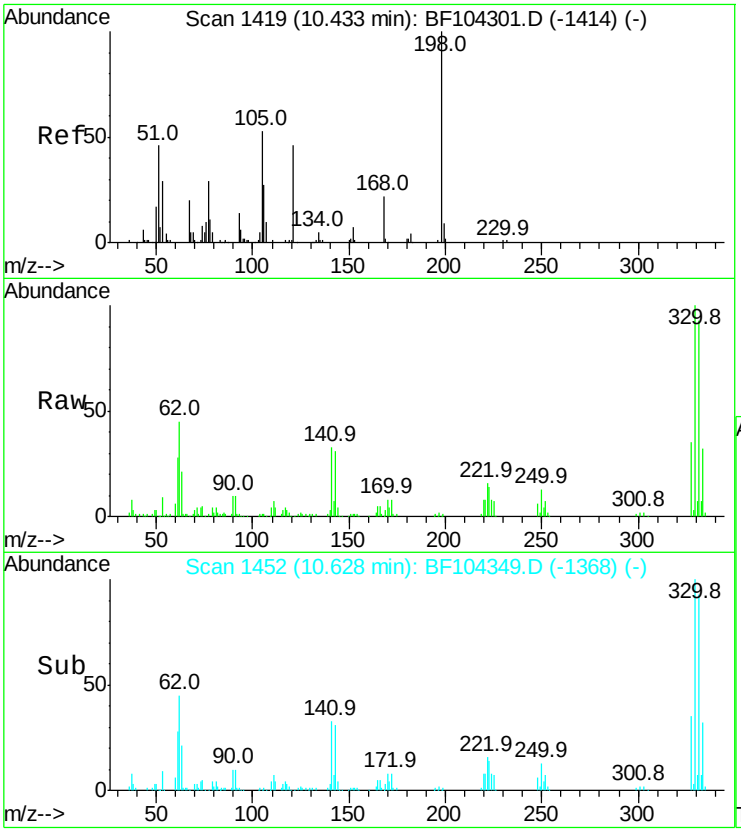


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Tgt Ion:188 Resp: 365986

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.2	9.2	13.8



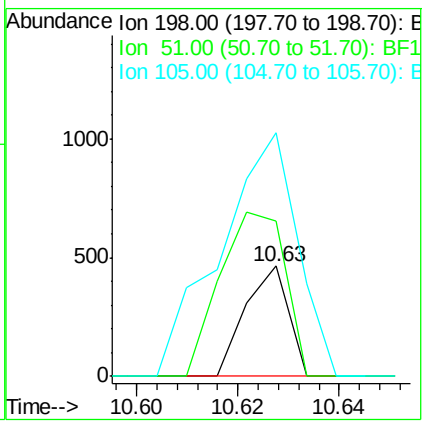


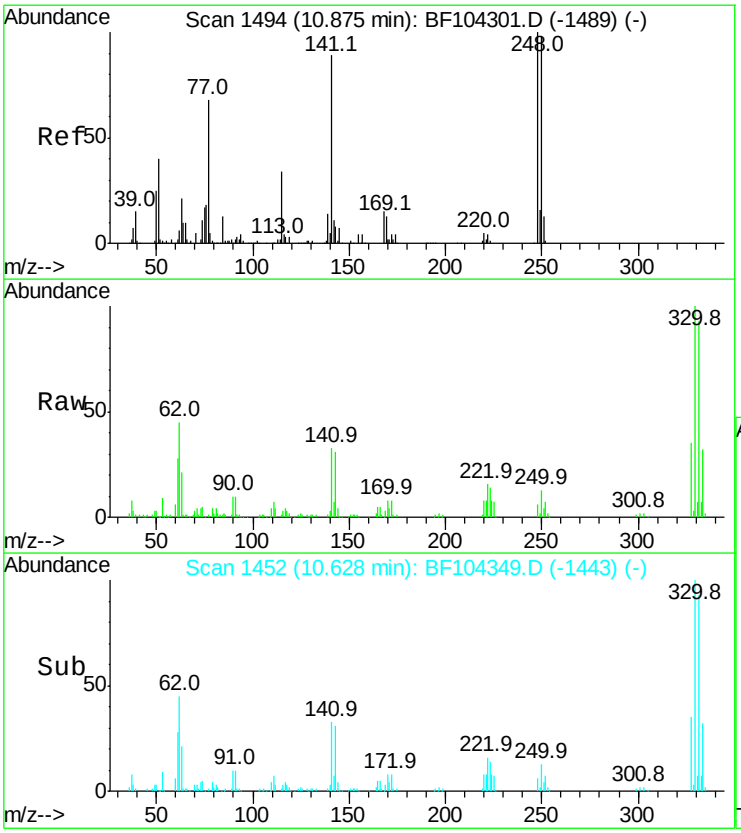
#64
4,6-Dinitro-2-methylphenol
Concen: 7.477 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 273

Ion	Ratio	Lower	Upper
198	100		
51	141.4	37.7	77.7#
105	220.9	36.3	76.3#

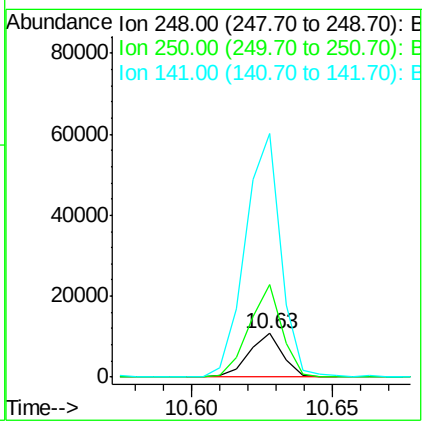


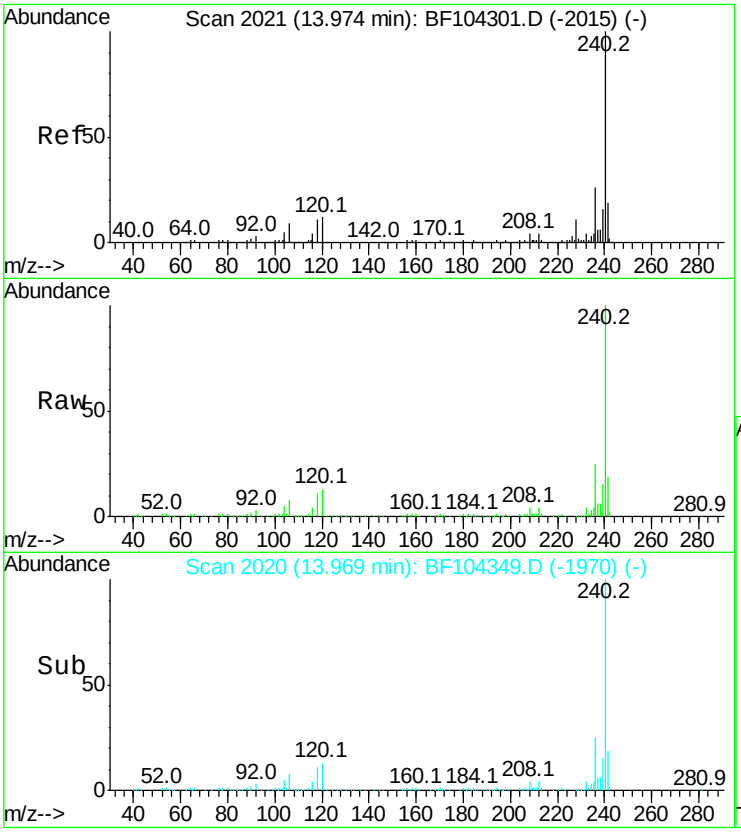


#66
4-Bromophenyl-phenylether
Concen: 2.279 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Tgt Ion:248 Resp: 8873

Ion	Ratio	Lower	Upper
248	100		
250	212.2	76.9	115.3#
141	558.5	74.4	111.6#



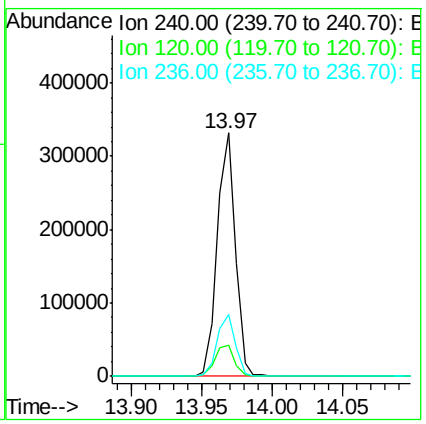


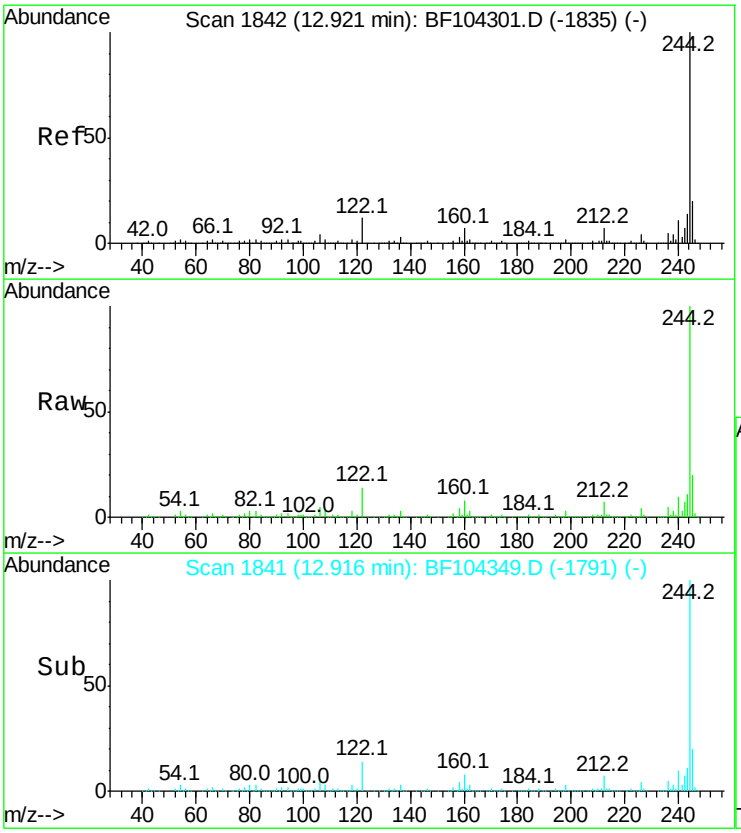
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 297397

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.4	20.7	31.1

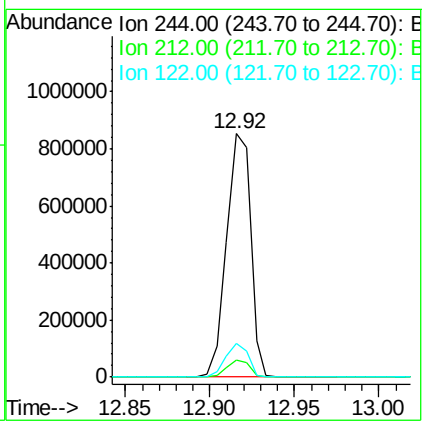


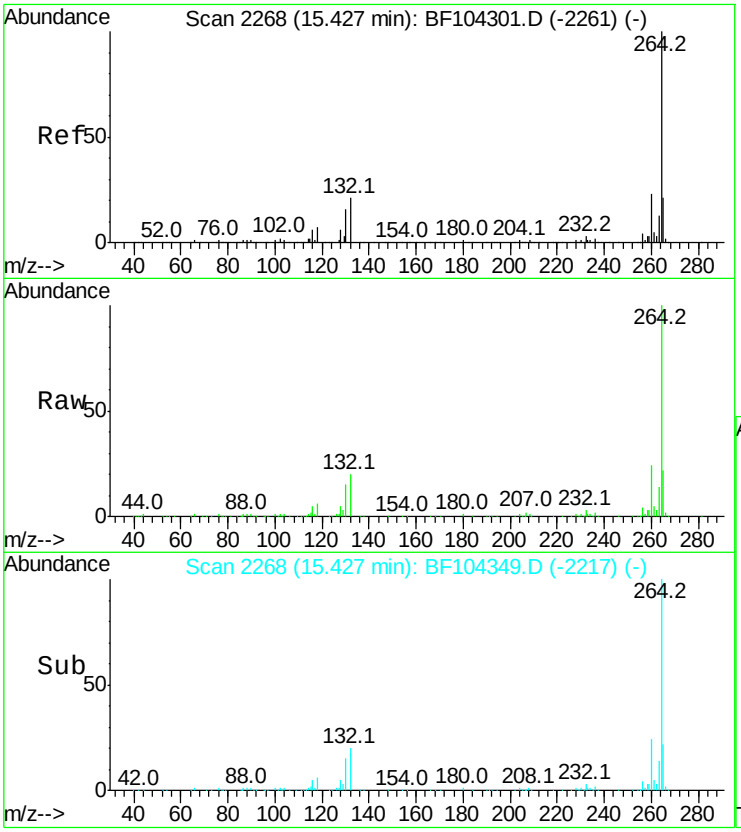


#78
Terphenyl-d14
Concen: 64.700 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104349.D
Acq: 7 Apr 2018 10:43

Tgt Ion:244 Resp: 843993

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.9	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: BF104349.D
Acq: 7 Apr 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 274125

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3