Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104391.D
Acq On : 10 Apr 2018 00:33
Operator : JU/SJ
Sample : J2157-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 10 03:31:53 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	114667	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	423576	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	162775	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	255908	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269448	20.00	ng	0.00
86) Perylene-d12	15.44	264	210277	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	915779	122.12	ng	0.02
7) Phenol-d6	6.44	99	987178	107.14	ng	0.01
23) Nitrobenzene-d5	7.37	82	717545	110.62	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	229902	136.16	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1150390	111.65	ng	0.00
78) Terphenyl-d14	12.93	244	1047489	88.63	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	1527	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	93971	15.607	ng	# 74
25) Isophorone	7.37	82	717530	52.309	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	20670	8.703	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	20670	6.634	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	384	7.608	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	13980	5.136	ng	# 1
76) Benzidine	12.92	184	13830	Below Cal		98

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

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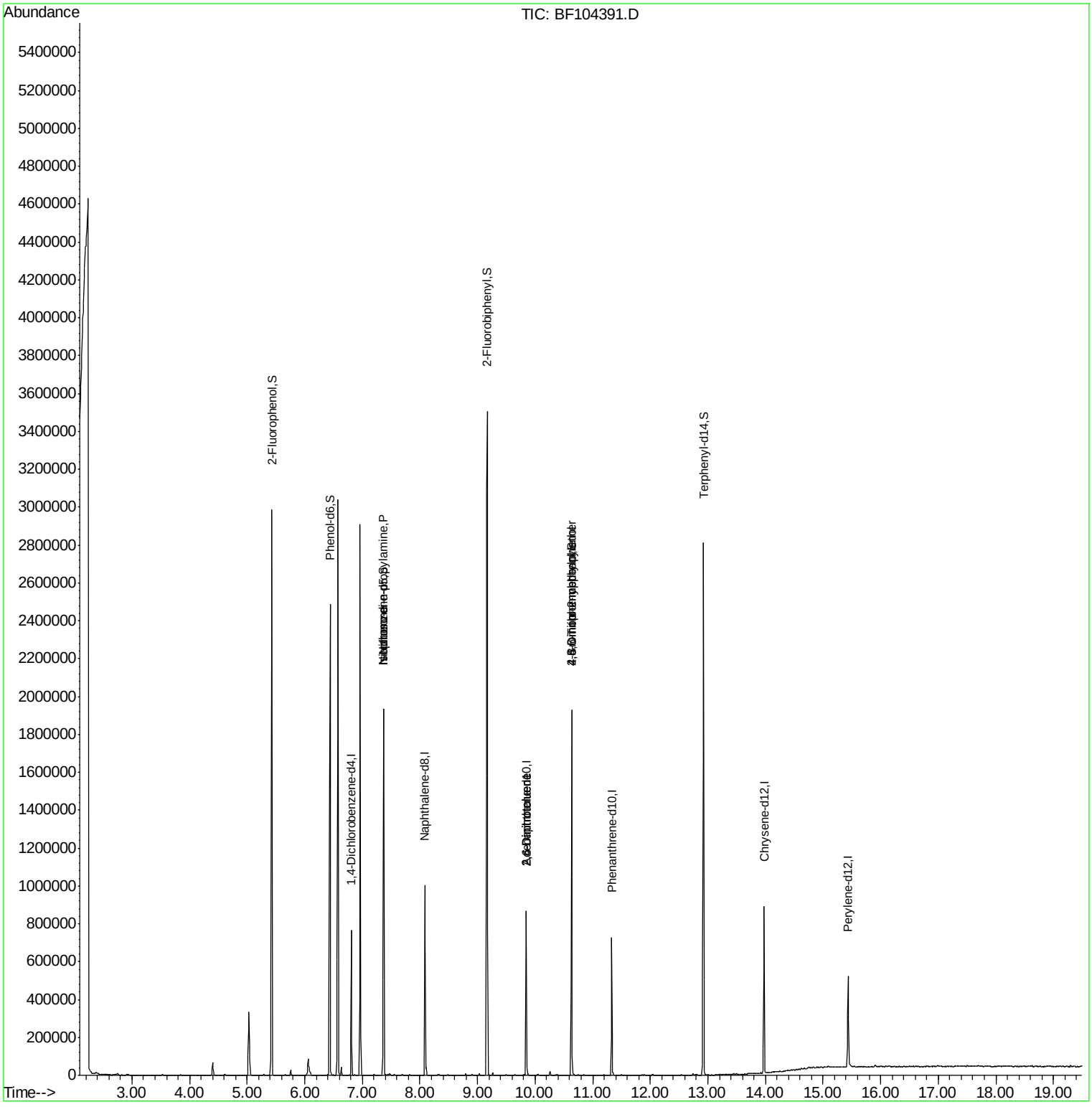
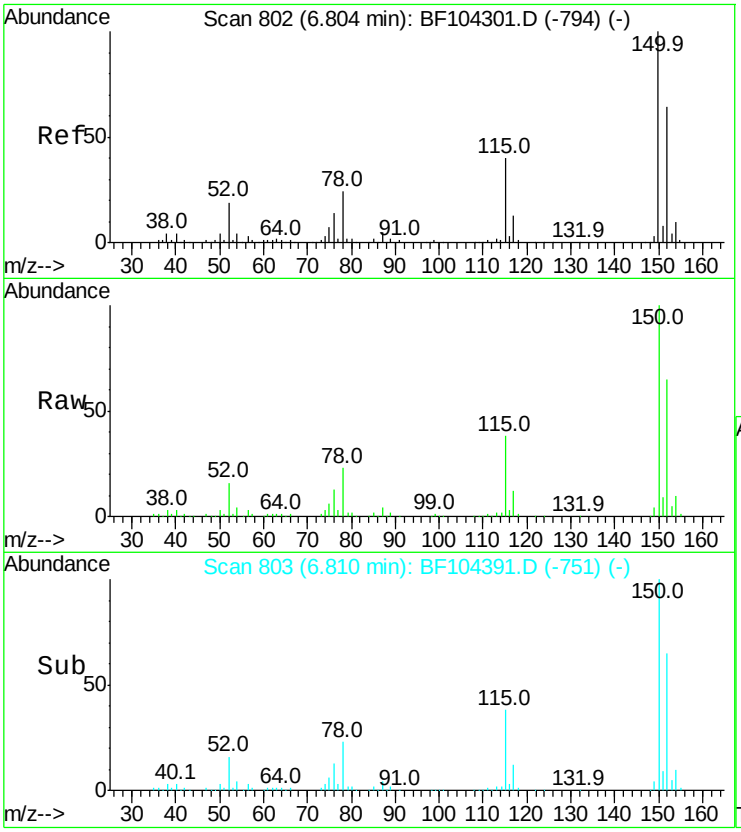


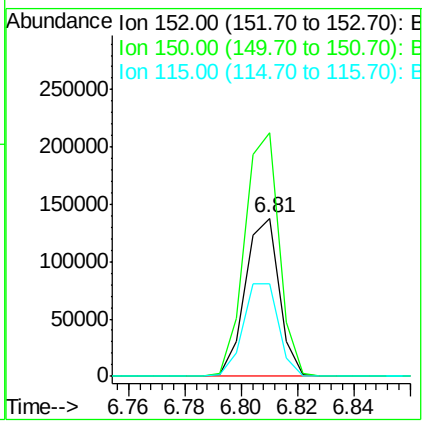


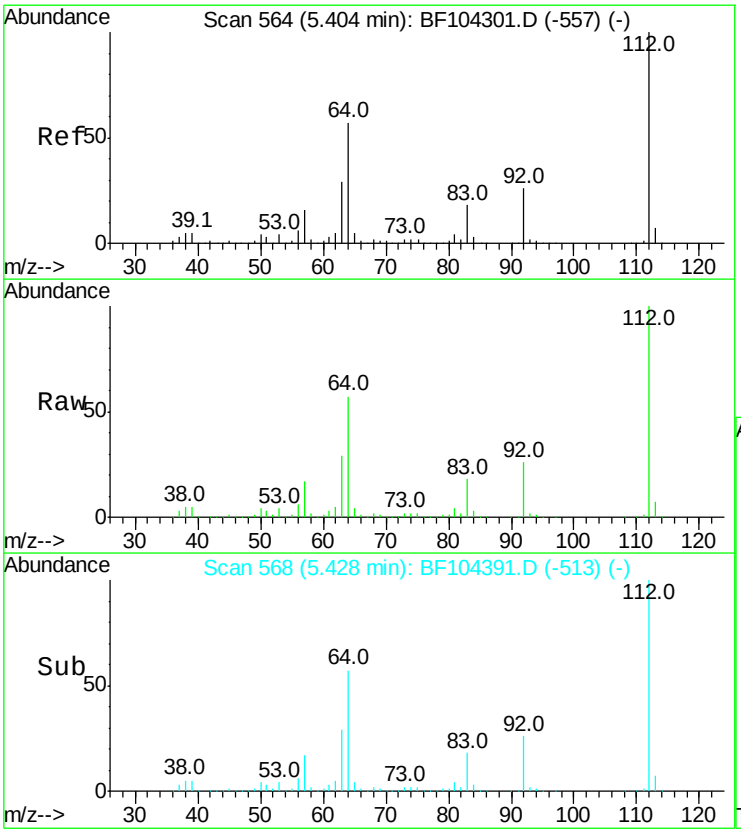
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114667

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	58.5	50.1	75.1

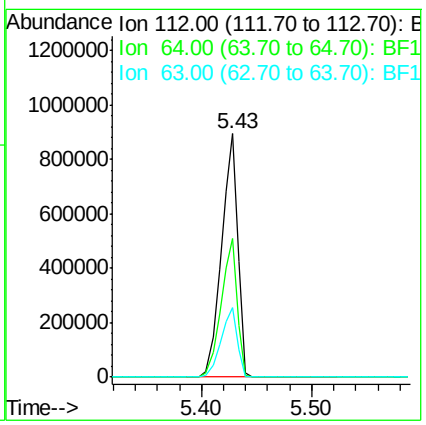


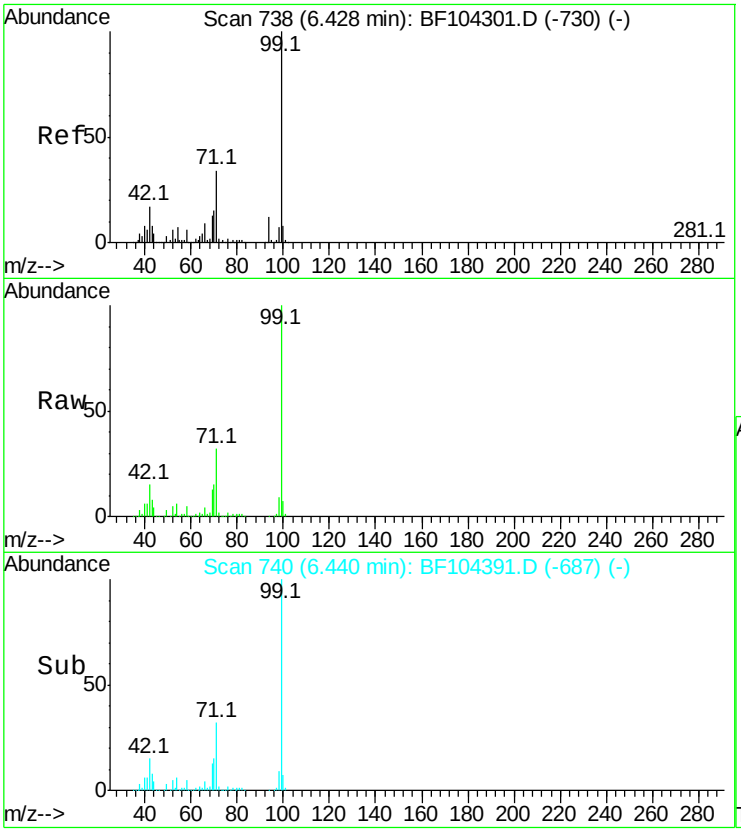


#5
2-Fluorophenol
Concen: 122.117 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Tgt Ion:112 Resp: 915779

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	28.6	23.7	35.5



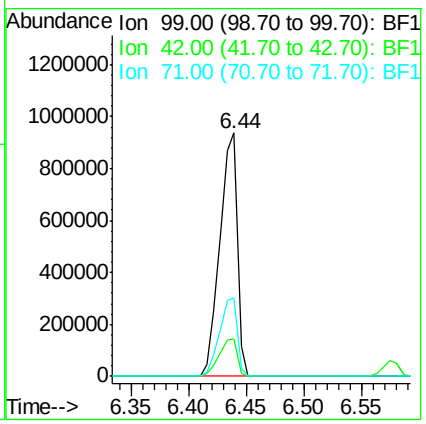


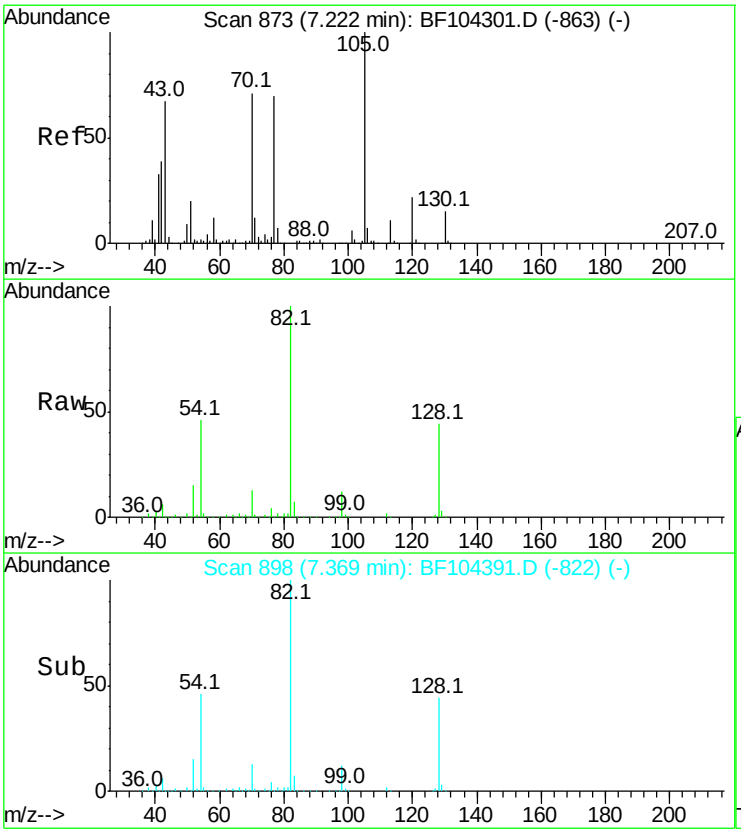
#7
Phenol-d6
Concen: 107.138 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 987178

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	32.2	25.4	38.0

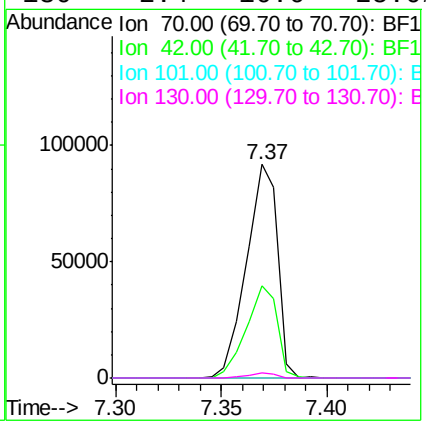


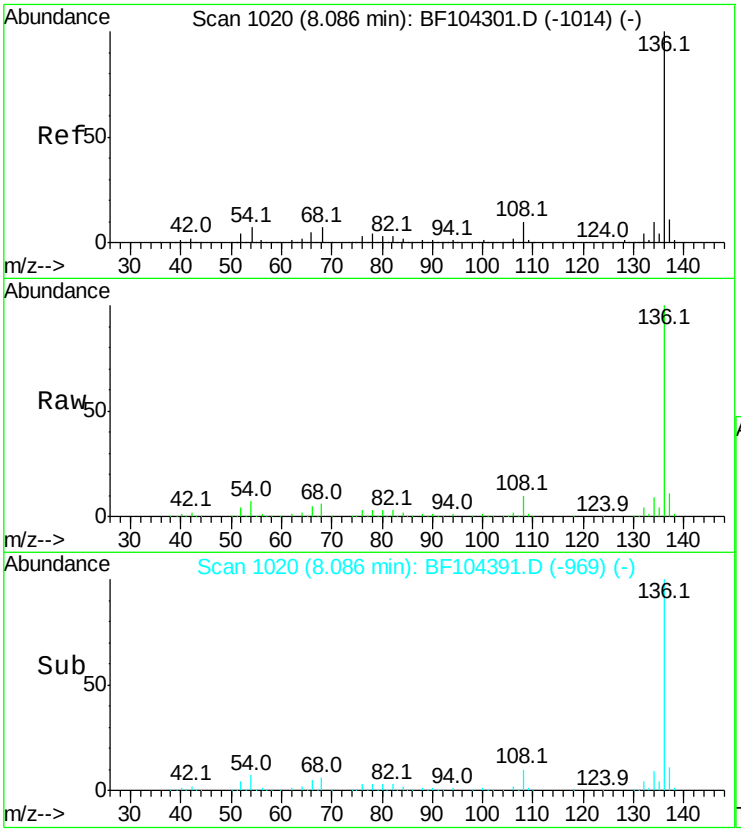


#19
n-Nitroso-di-n-propylamine
Concen: 15.607 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Tgt Ion: 70 Resp: 93971

Ion	Ratio	Lower	Upper
70	100		
42	43.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



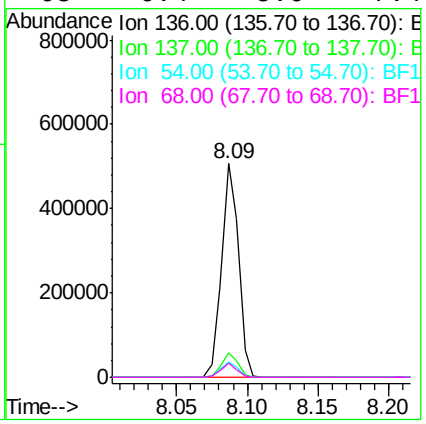


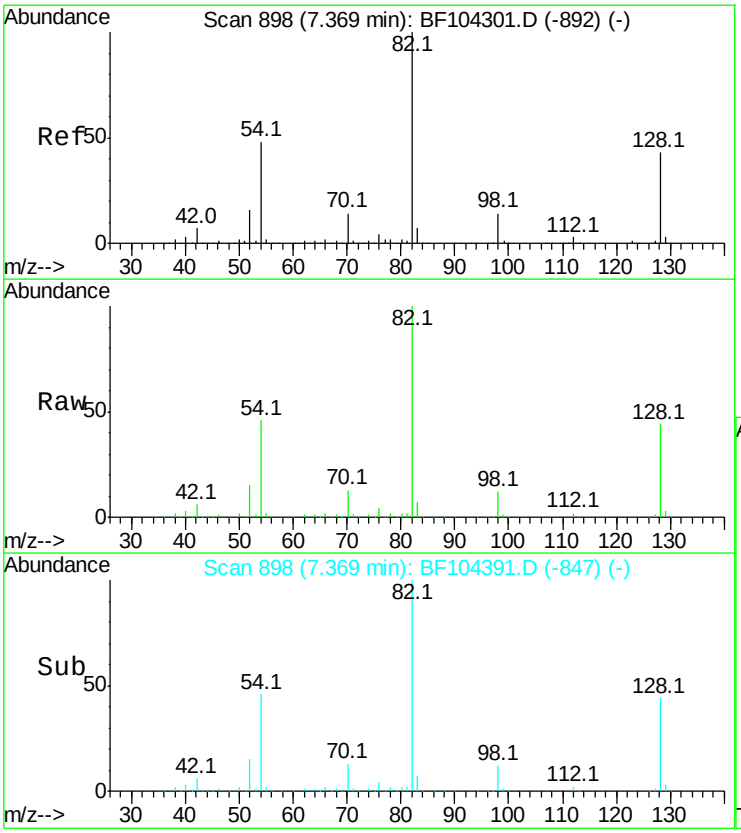
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 423576

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.2	6.6	9.8
68	6.4	5.0	7.4

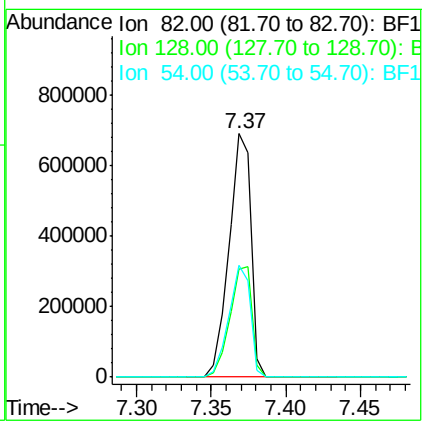


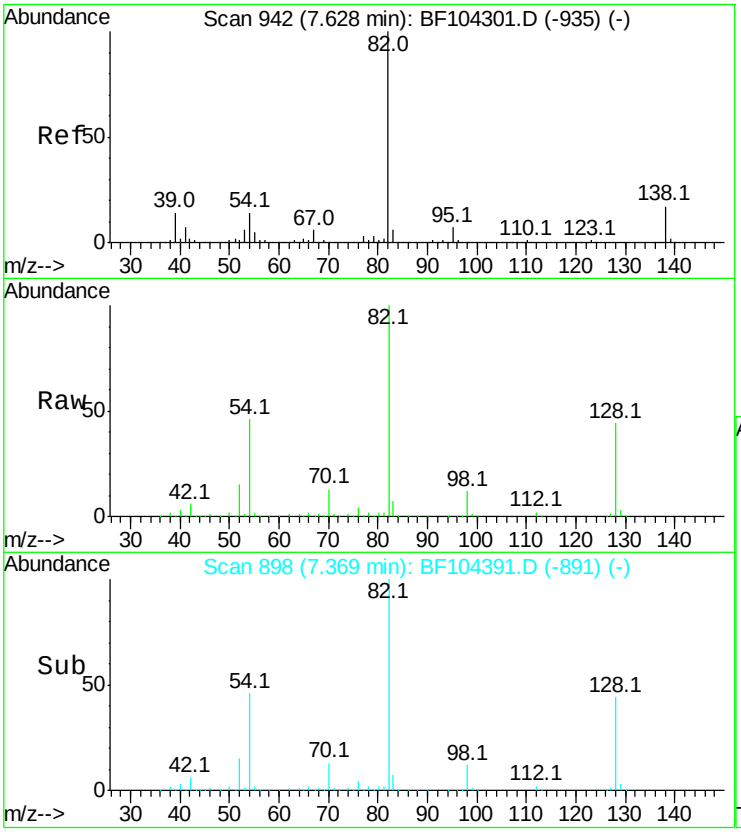


#23
Nitrobenzene-d5
Concen: 110.616 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Tgt Ion: 82 Resp: 717545

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	45.7	41.4	62.2



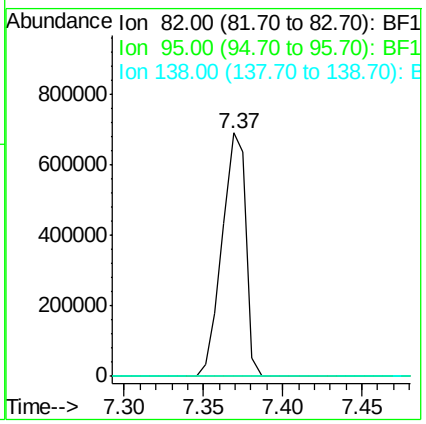


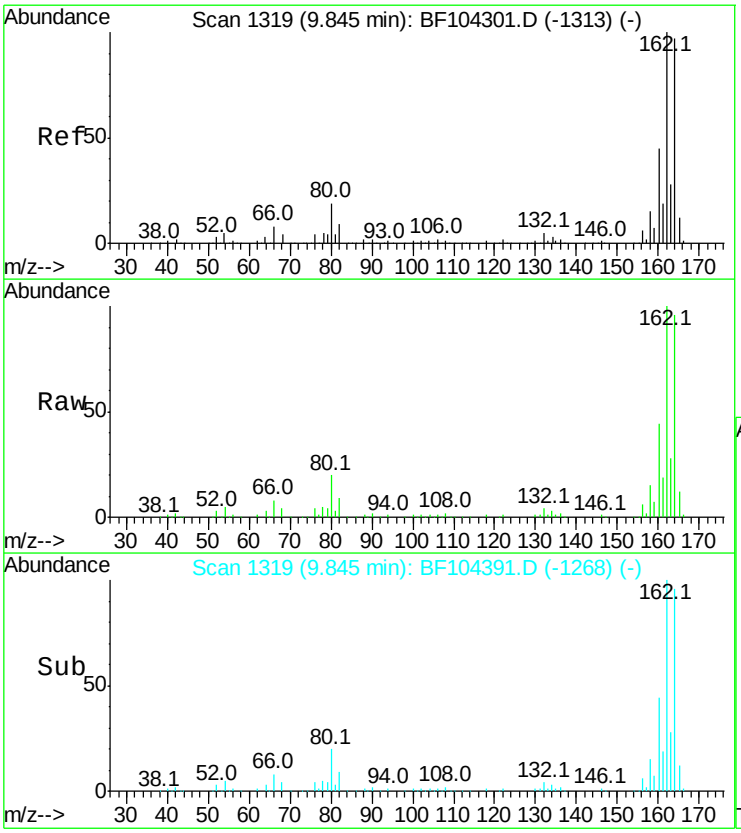
#25
Isophorone
Concen: 52.309 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 717530

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

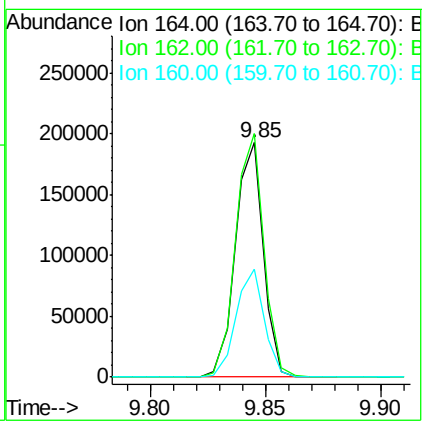


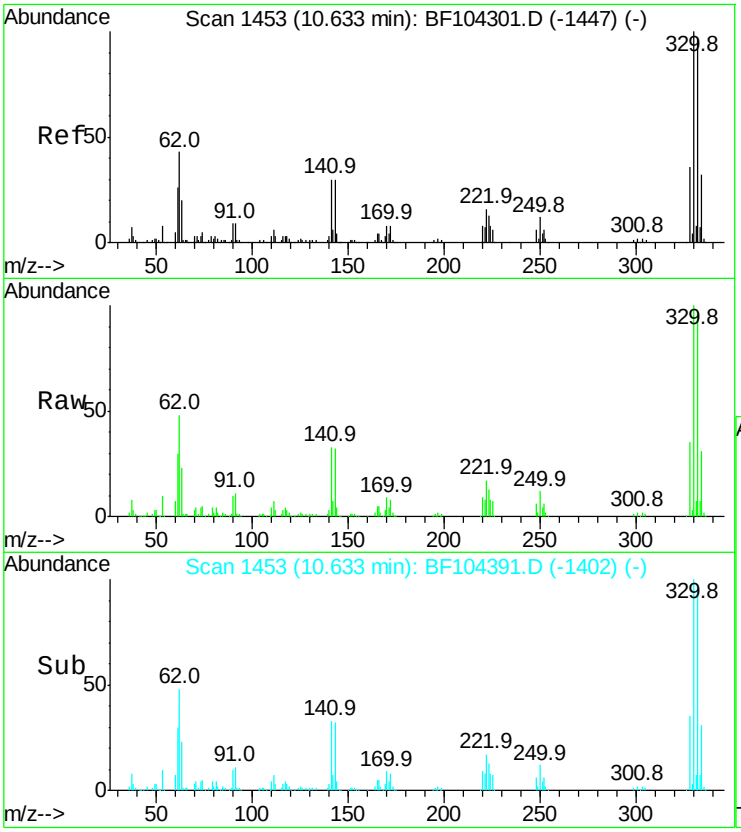


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Tgt Ion:164 Resp: 162775

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.1	38.3	57.5



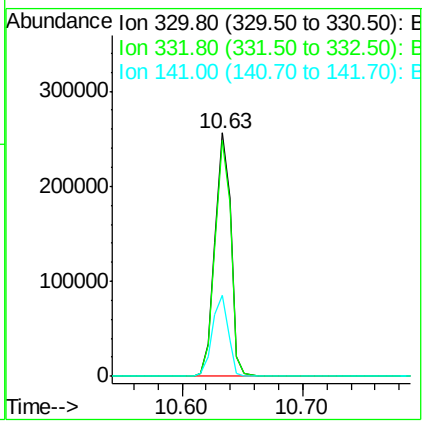


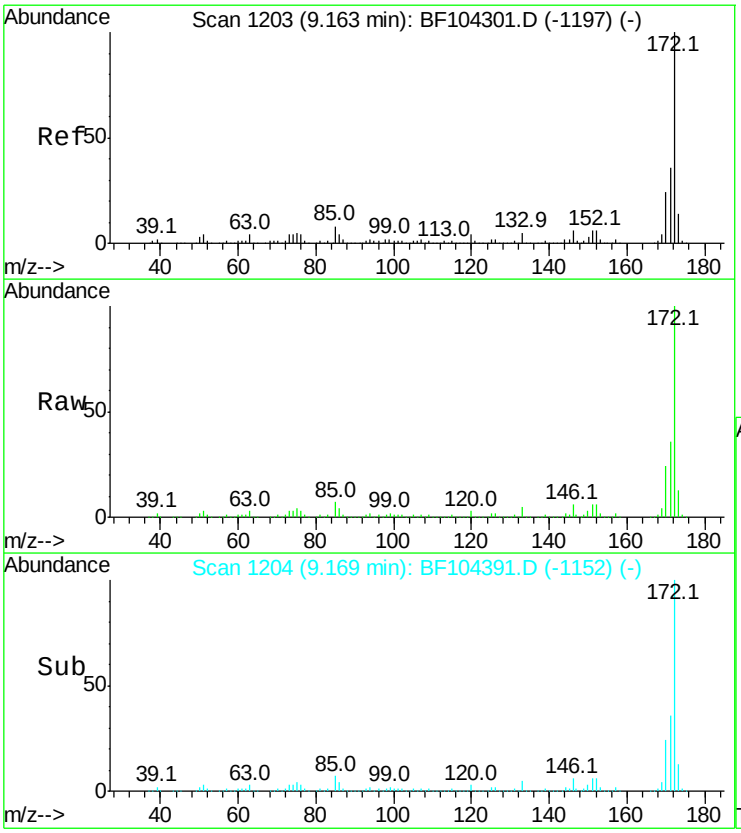
#41
2,4,6-Tribromophenol
Concen: 136.157 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 229902

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.2	29.9	44.9

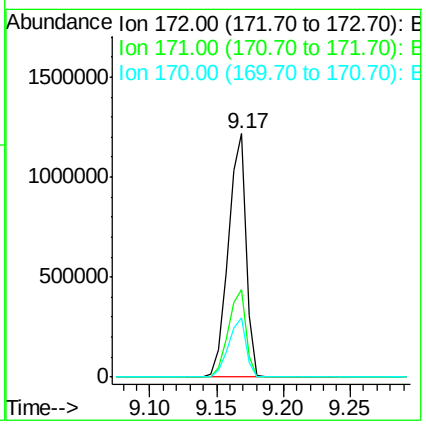


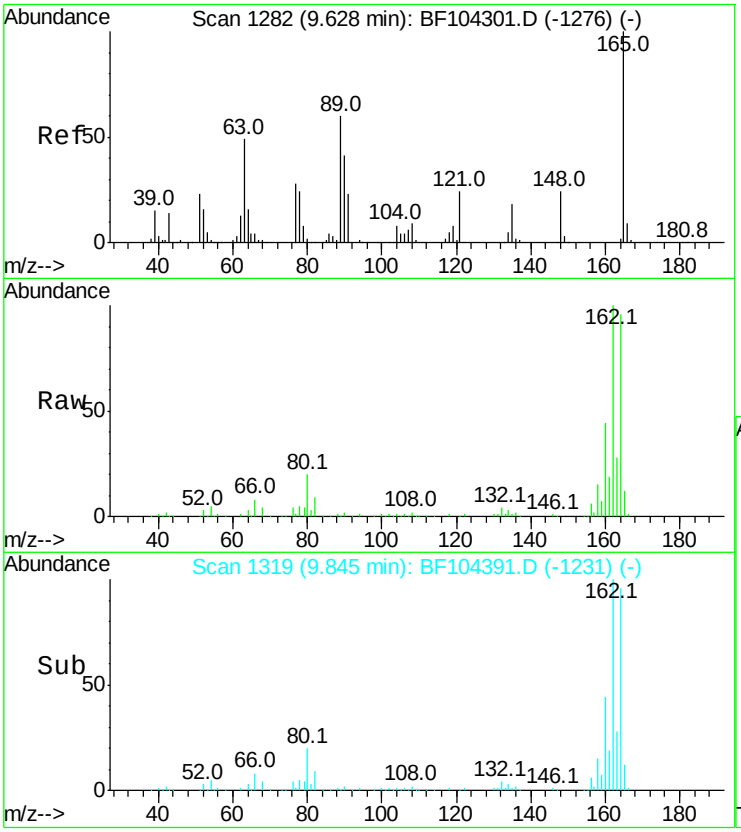


#44
2-Fluorobiphenyl
Concen: 111.647 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Tgt Ion:172 Resp: 1150390

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4



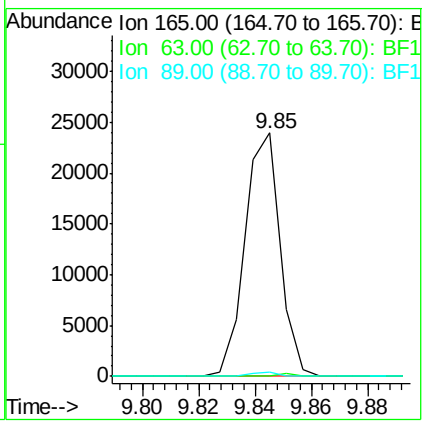


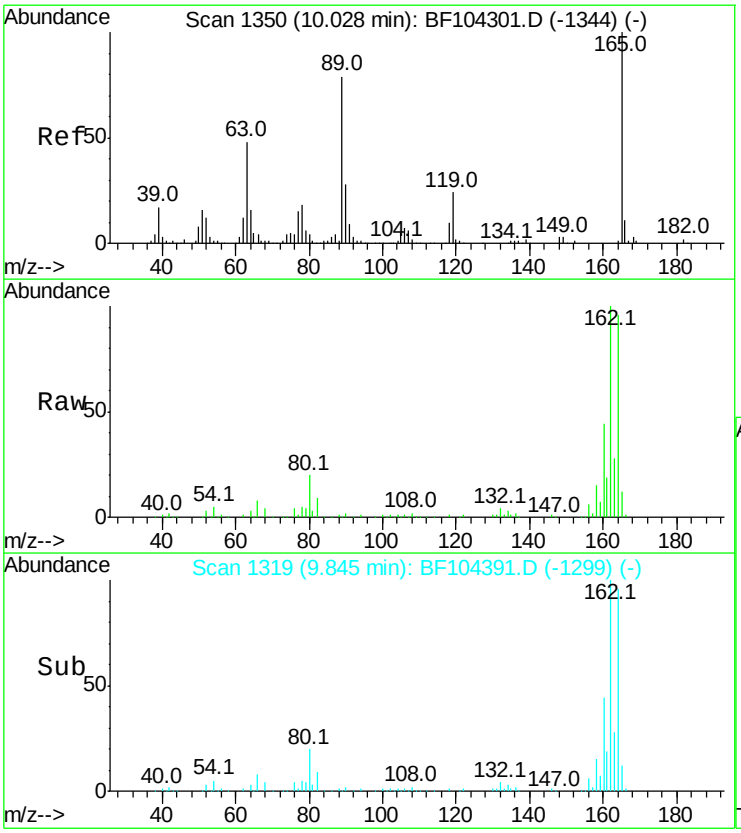
#50
2,6-Dinitrotoluene
Concen: 8.703 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.22 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20670

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#

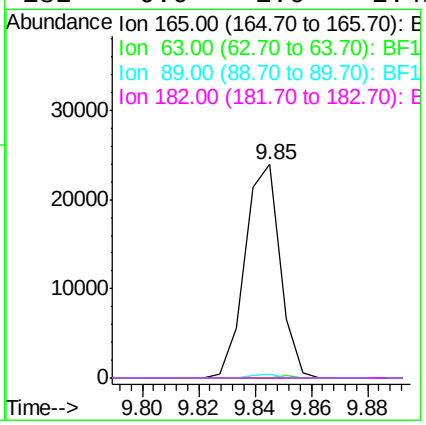


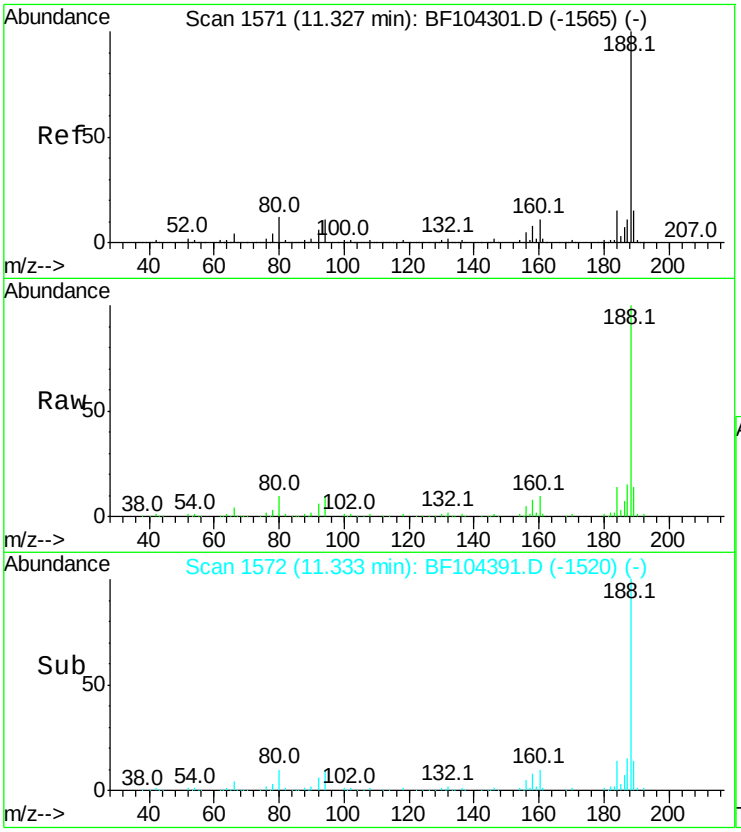


#56
2,4-Dinitrotoluene
Concen: 6.634 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.18 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Tgt Ion:165 Resp: 20670

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



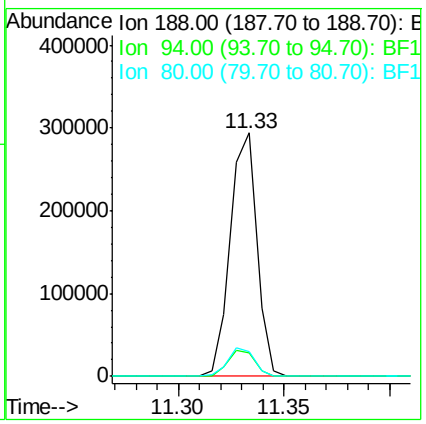


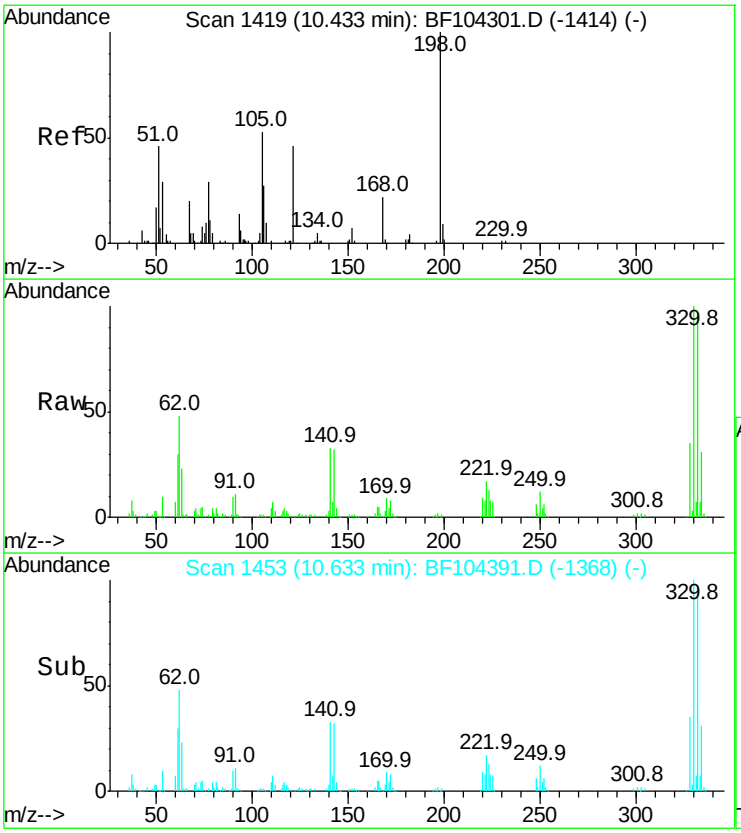
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 255908

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.4	9.2	13.8

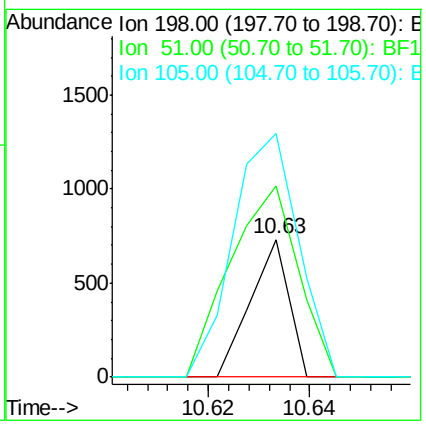


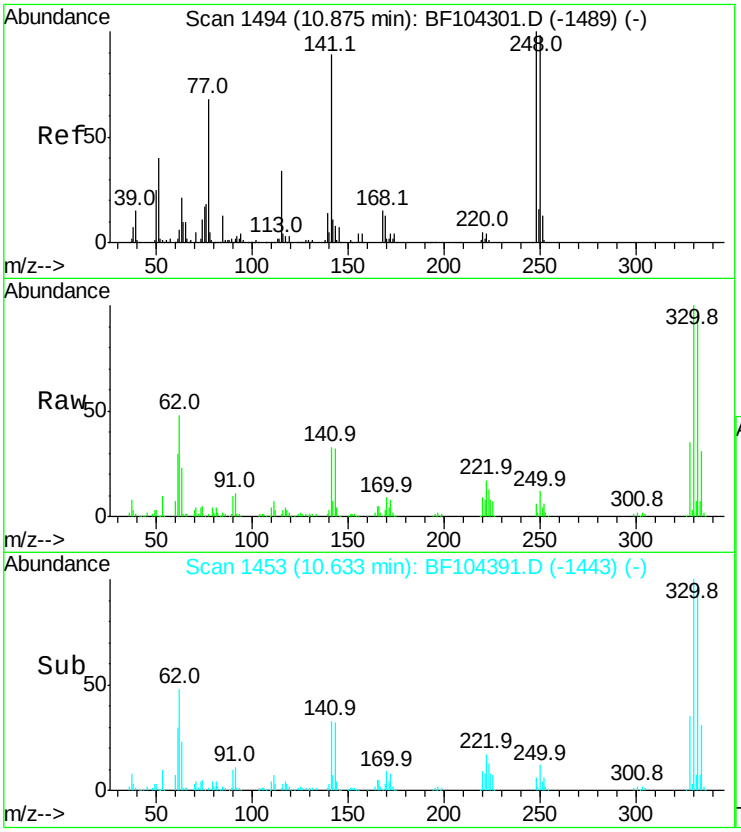


#64
4,6-Dinitro-2-methylphenol
Concen: 7.608 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.20 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Tgt Ion:198 Resp: 384

Ion	Ratio	Lower	Upper
198	100		
51	139.2	37.7	77.7#
105	176.9	36.3	76.3#



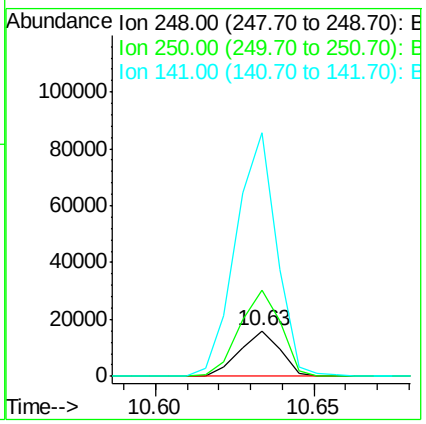


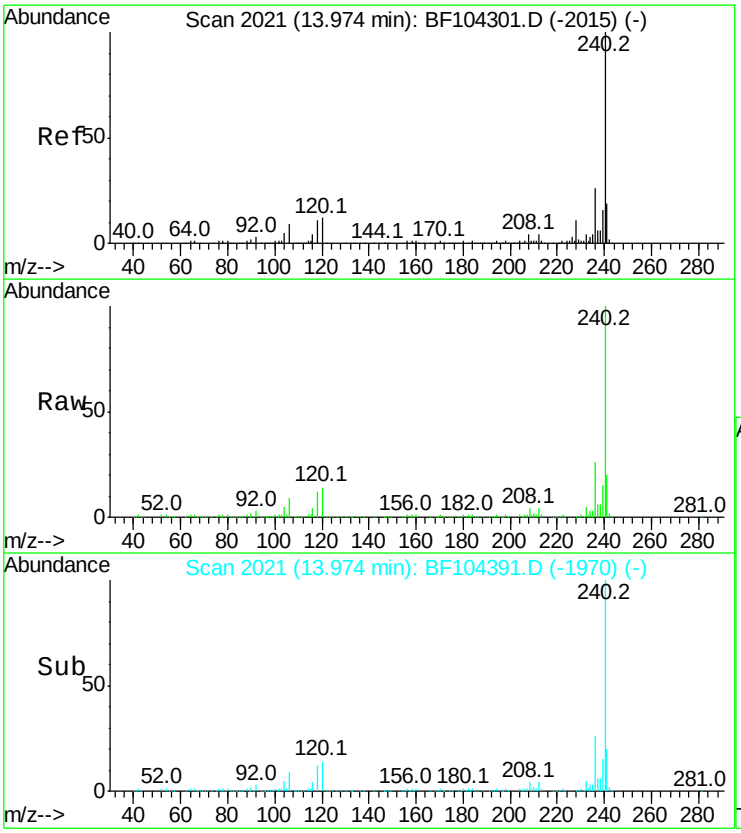
#66
4-Bromophenyl-phenylether
Concen: 5.136 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13980

Ion	Ratio	Lower	Upper
248	100		
250	191.3	76.9	115.3#
141	537.5	74.4	111.6#

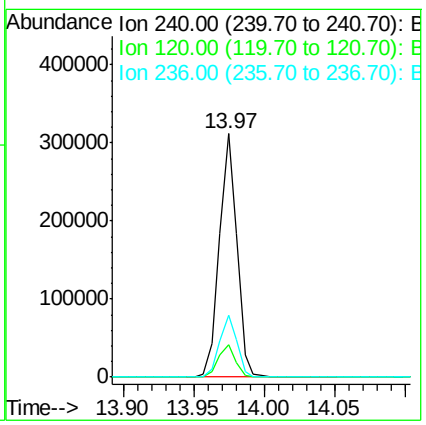


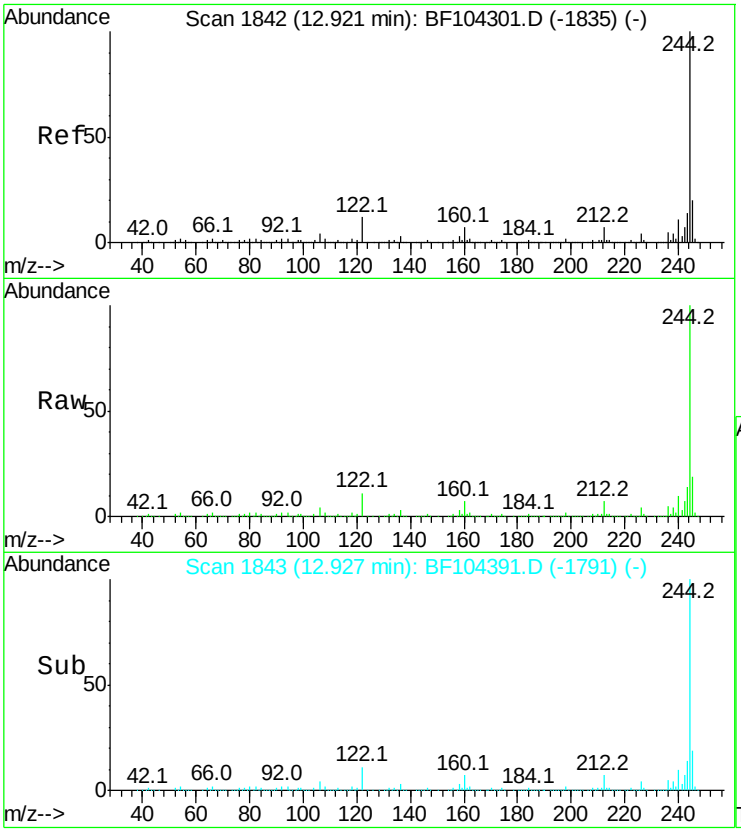


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Tgt Ion:240 Resp: 269448

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.5	20.7	31.1



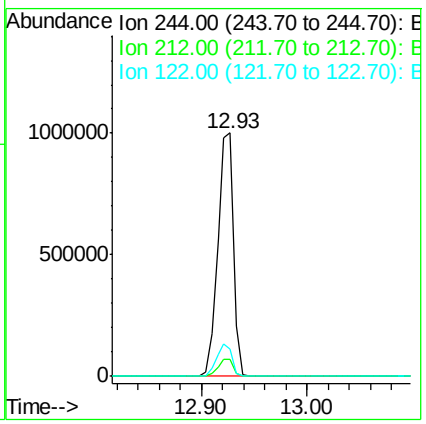


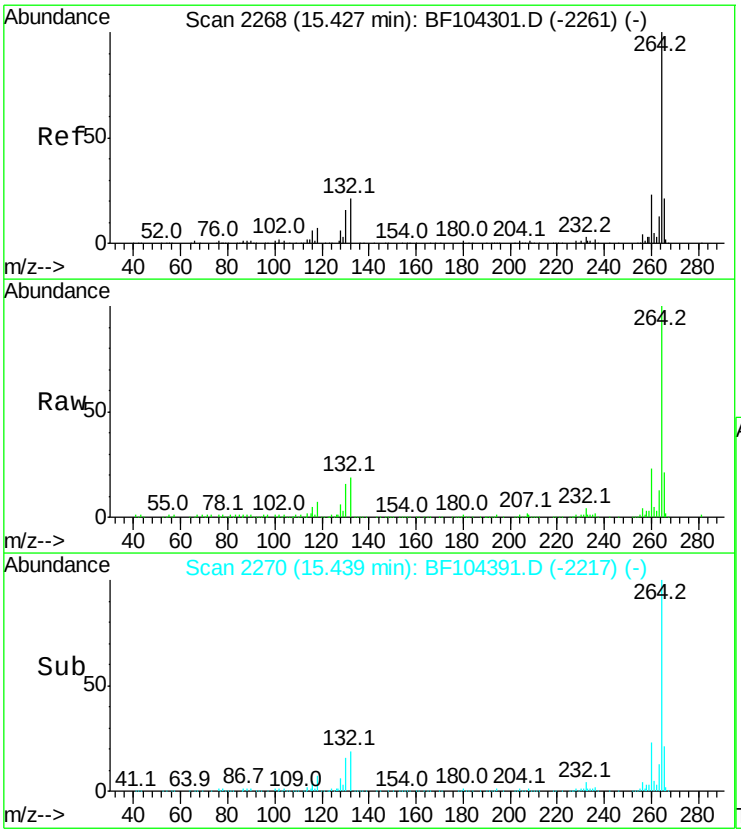
#78
Terphenyl-d14
Concen: 88.629 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1047489

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.4	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: BF104391.D
Acq: 10 Apr 2018 00:33

Tgt Ion:264 Resp: 210277

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3