Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104820.D
Acq On : 26 Apr 2018 6:33
Operator : JU/SJ
Sample : J2470-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 26 08:26:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120336	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	489632	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	204376	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	317024	20.00	ng	0.00
75) Chrysene-d12	13.97	240	250297	20.00	ng	-0.01
86) Perylene-d12	15.44	264	188764	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	467527	59.41	ng	0.00
7) Phenol-d6	6.43	99	376944	38.98	ng	-0.01
23) Nitrobenzene-d5	7.37	82	724326	96.60	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	255744	120.63	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1233408	95.34	ng	0.00
78) Terphenyl-d14	12.92	244	911346	83.01	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	95816	15.164	ng	# 73
25) Isophorone	7.37	82	724317	45.680	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	26604	8.921	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	26604	6.801	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	572	7.661	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	15462	4.585	ng	# 1
76) Benzidine	12.92	184	12378	Below Cal		# 96

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

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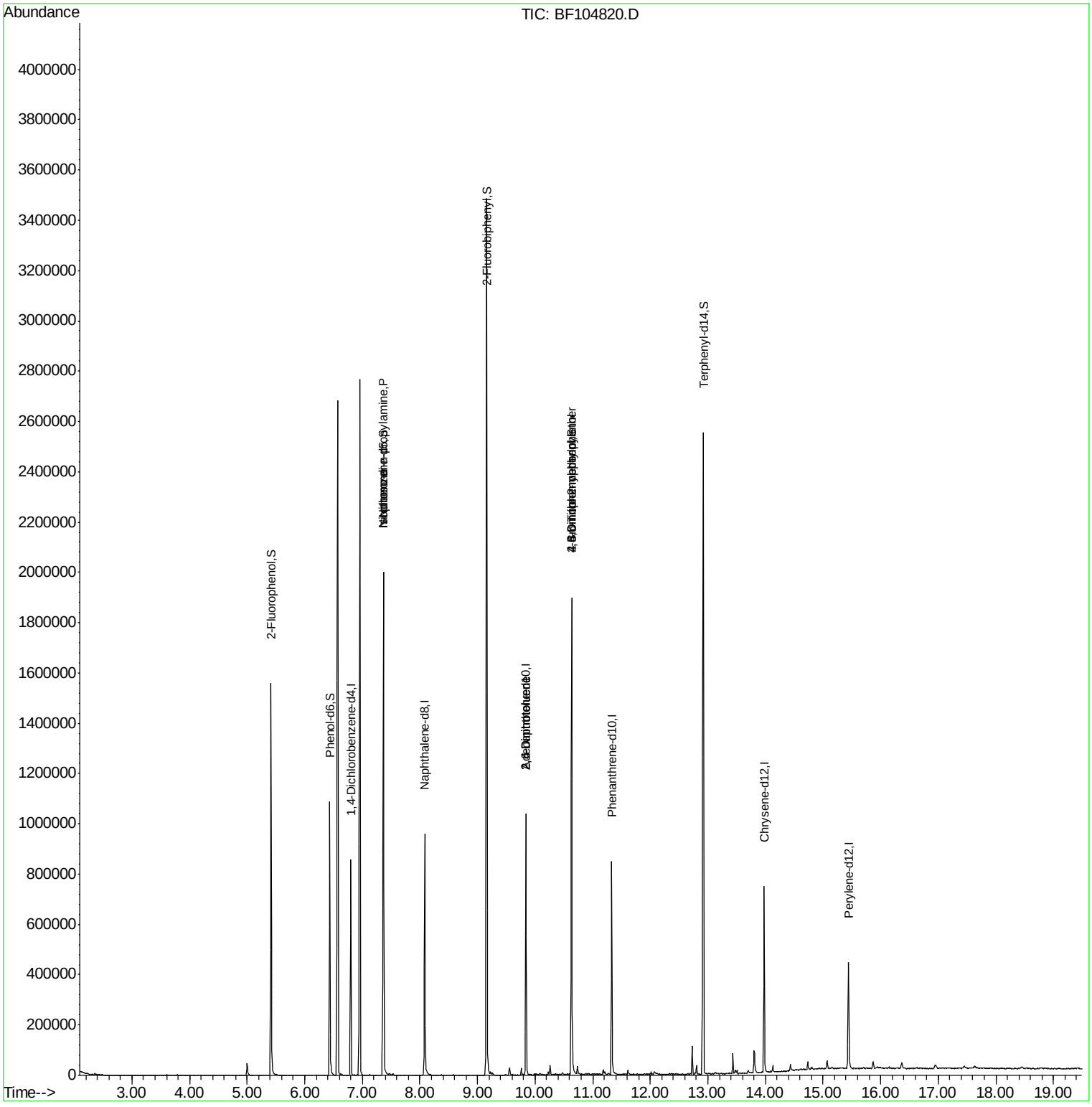
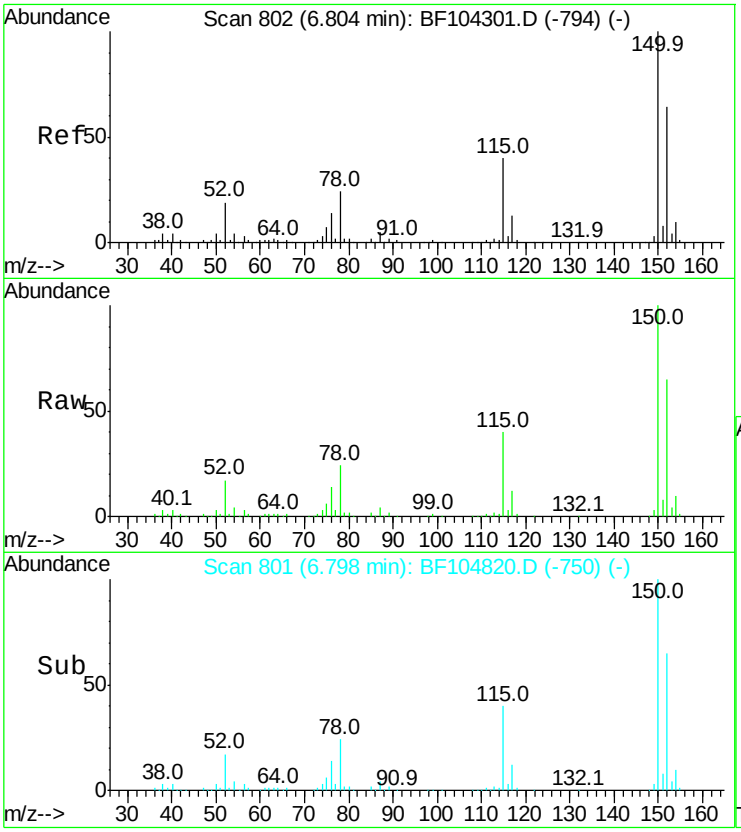


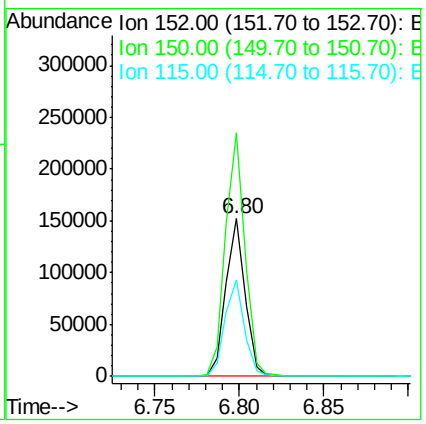


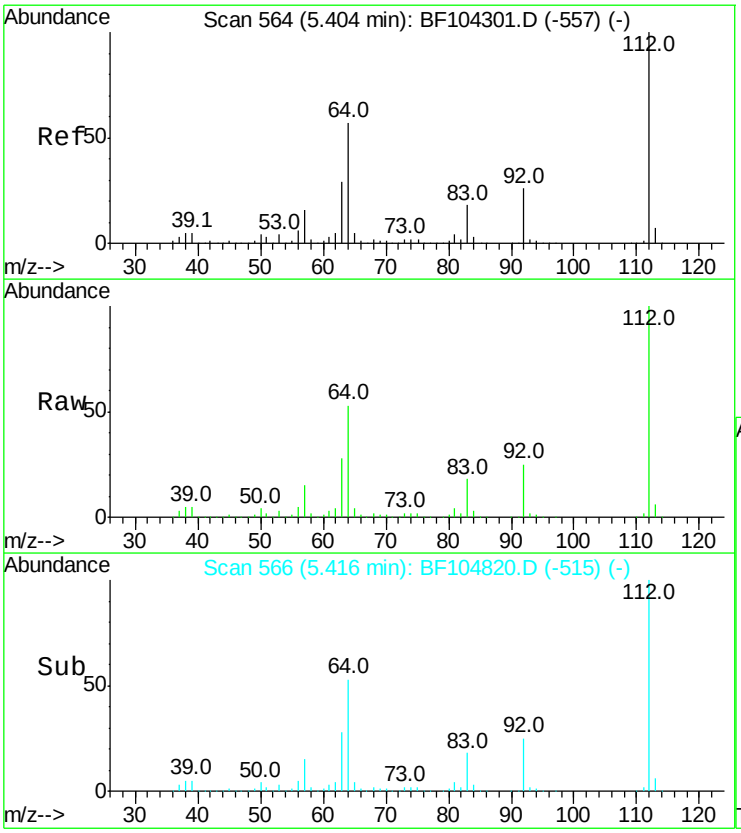
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120336

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	61.6	50.1	75.1

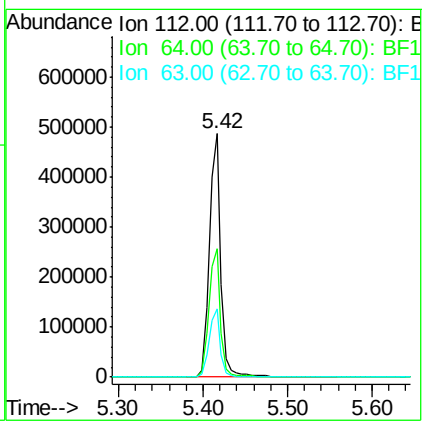


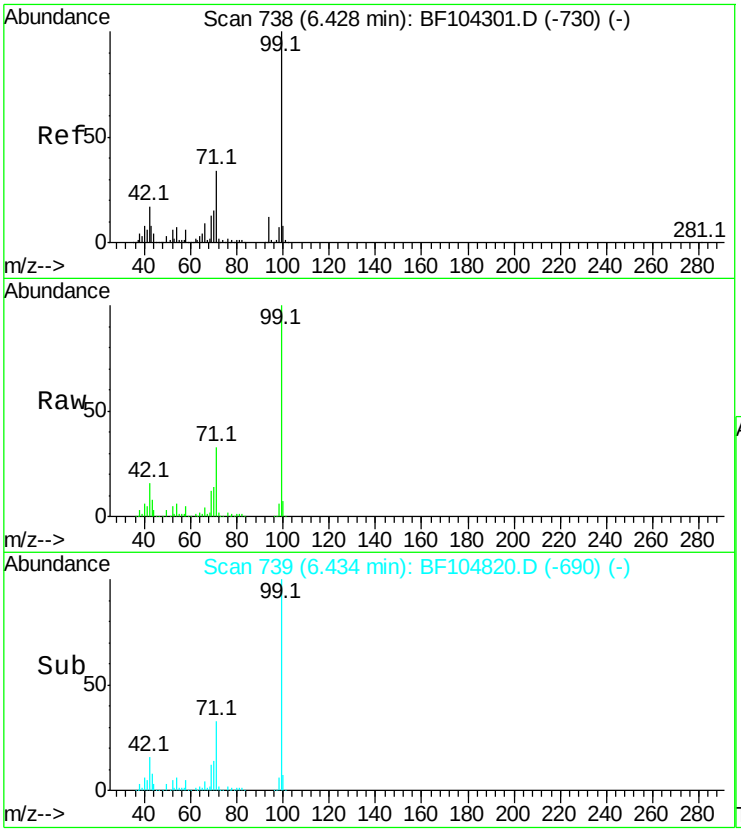


#5
2-Fluorophenol
Concen: 59.407 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion:112 Resp: 467527

Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	28.1	23.7	35.5



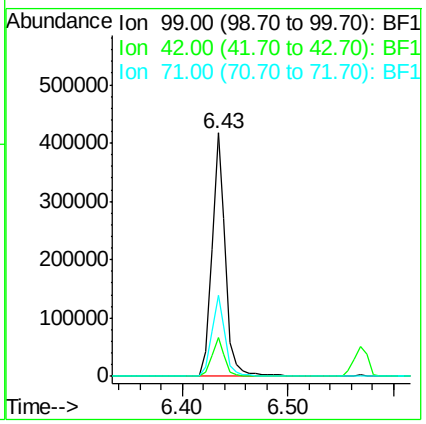


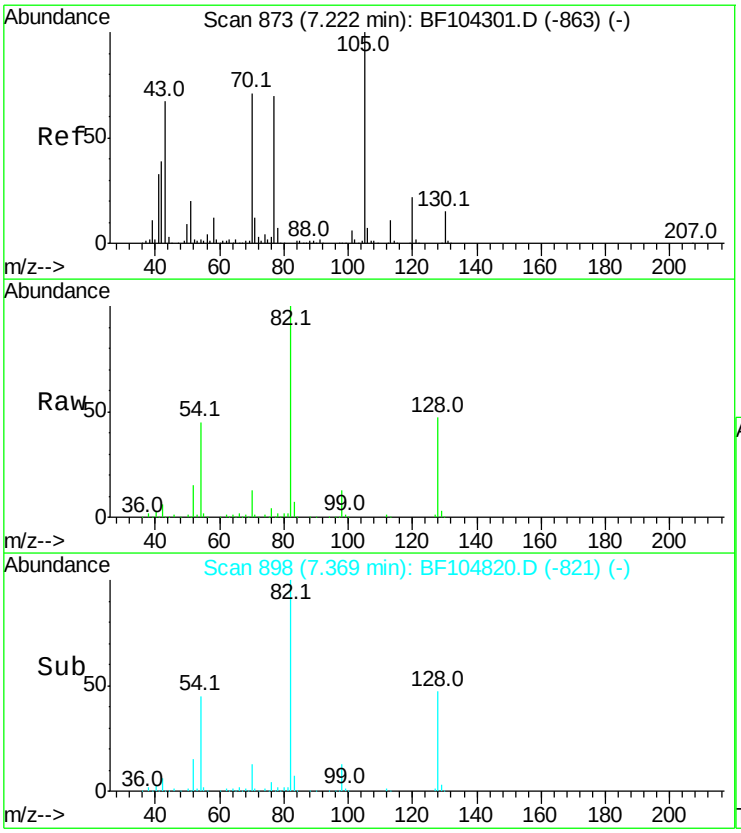
#7
Phenol-d6
Concen: 38.982 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 376944

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	33.1	25.4	38.0

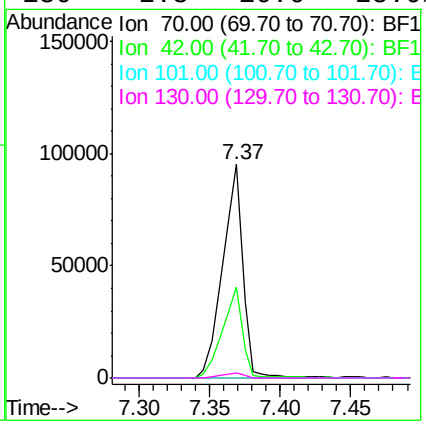


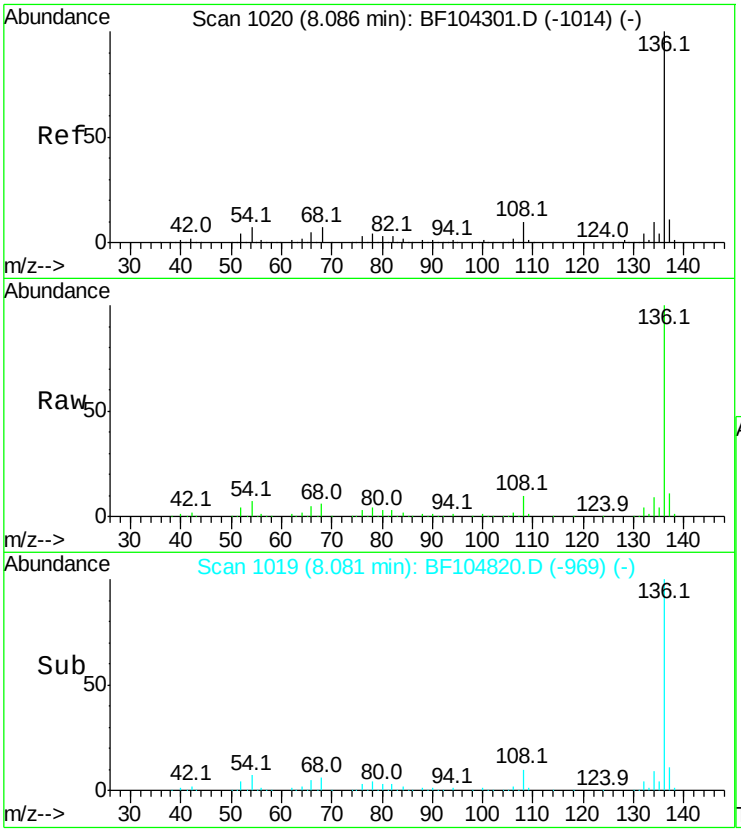


#19
n-Nitroso-di-n-propylamine
Concen: 15.164 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion: 70 Resp: 95816

Ion	Ratio	Lower	Upper
70	100		
42	42.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



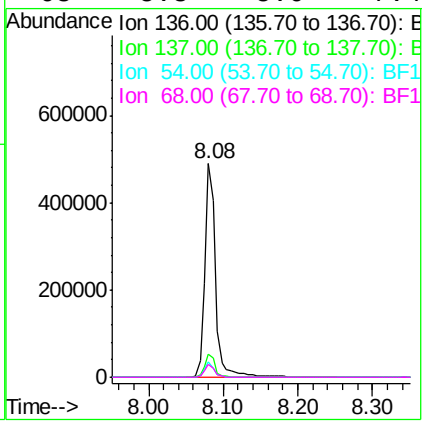


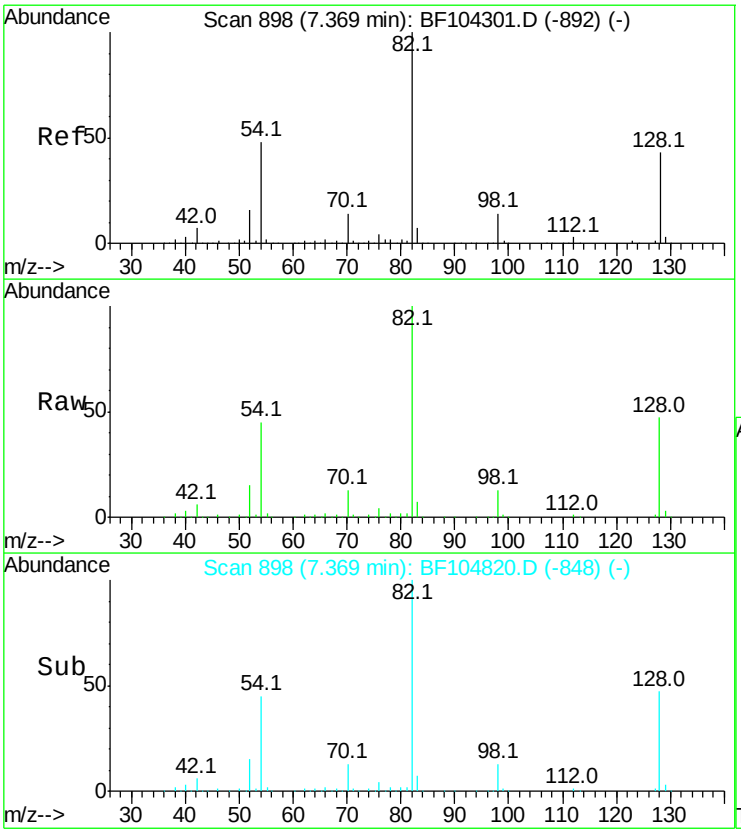
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 489632

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.6	9.8
68	5.8	5.0	7.4

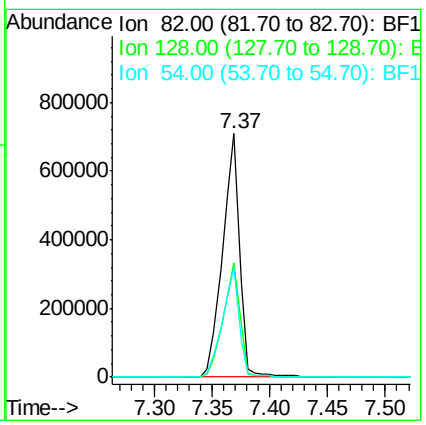


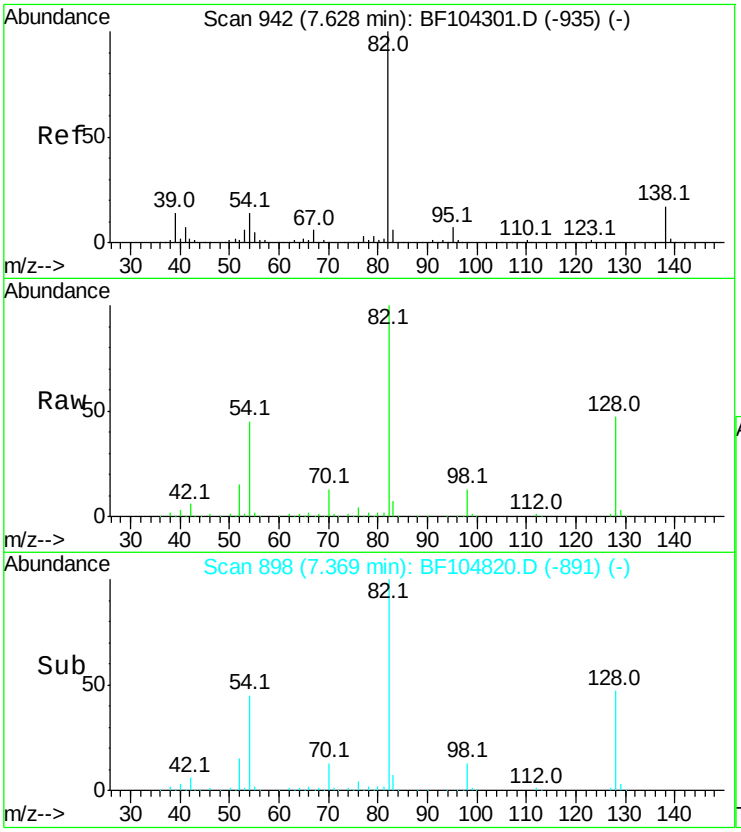


#23
Nitrobenzene-d5
Concen: 96.597 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion: 82 Resp: 724326

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	44.9	41.4	62.2



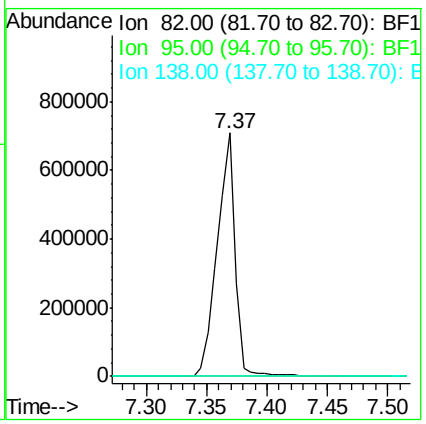


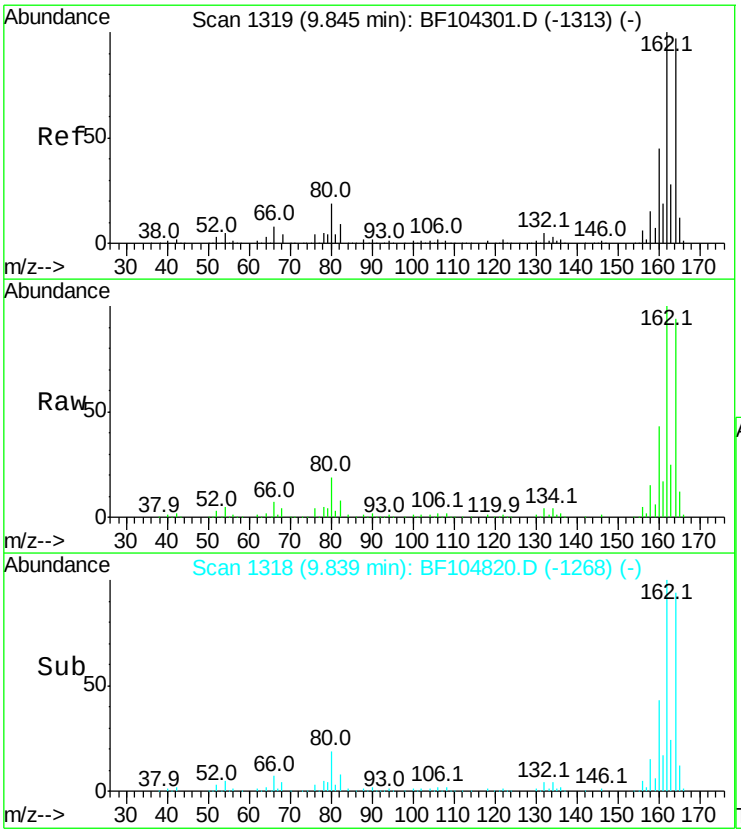
#25
Isophorone
Concen: 45.680 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 724317

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

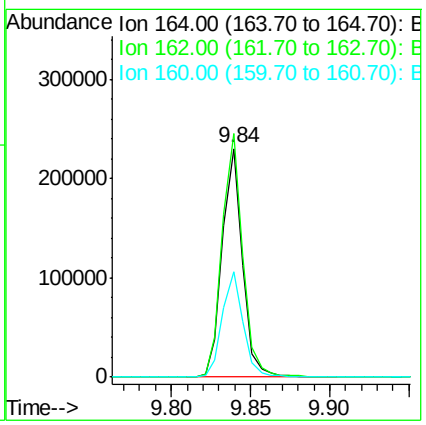


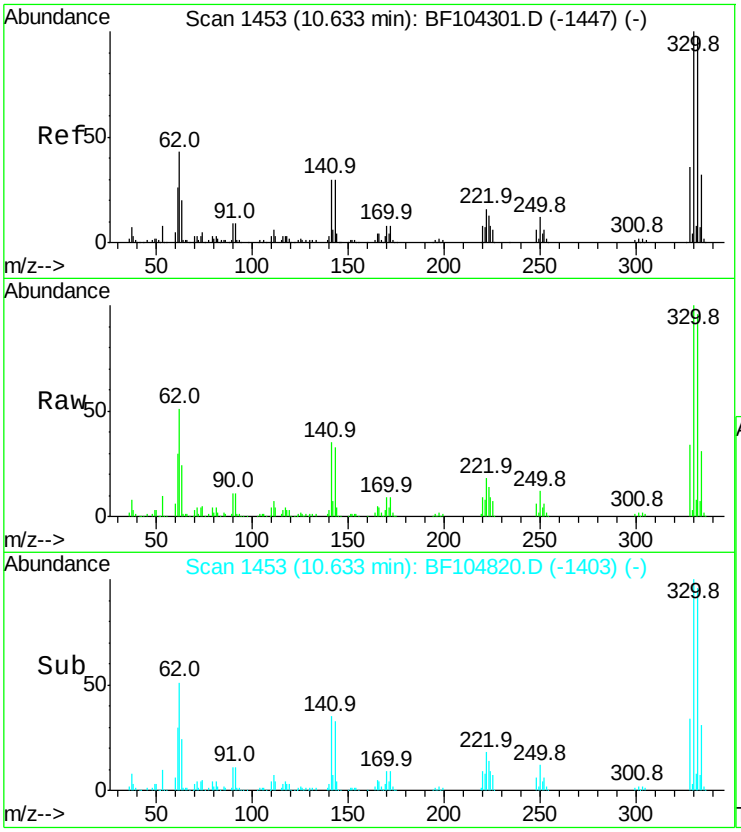


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion:164 Resp: 204376

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	46.0	38.3	57.5



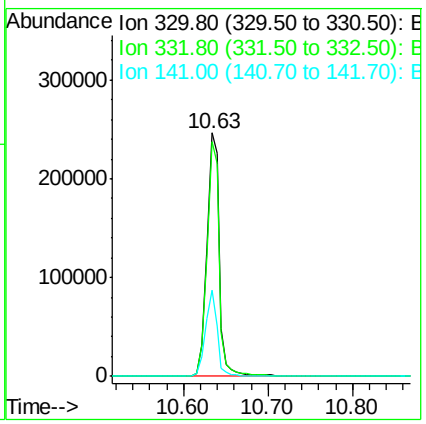


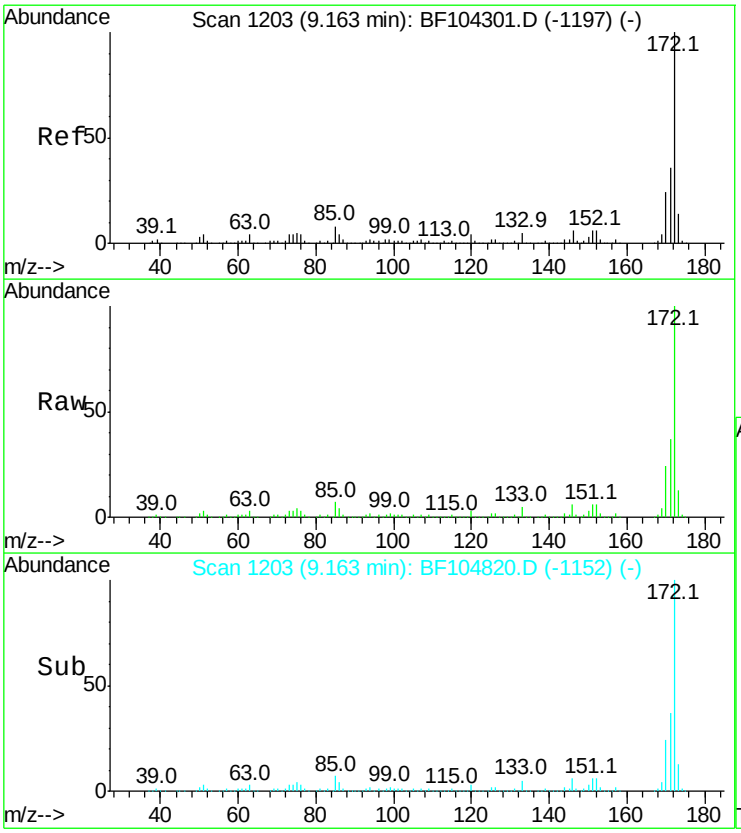
#41
2,4,6-Tribromophenol
Concen: 120.631 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 255744

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.2	29.9	44.9

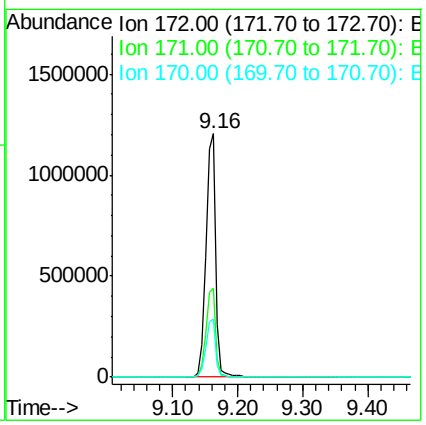


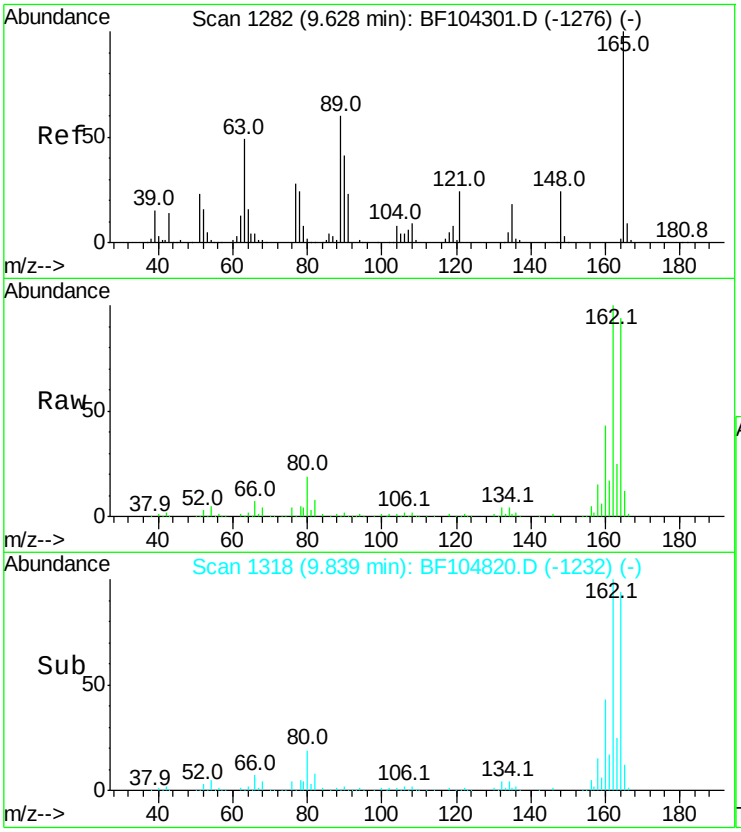


#44
2-Fluorobiphenyl
Concen: 95.338 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion:172 Resp: 1233408

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4



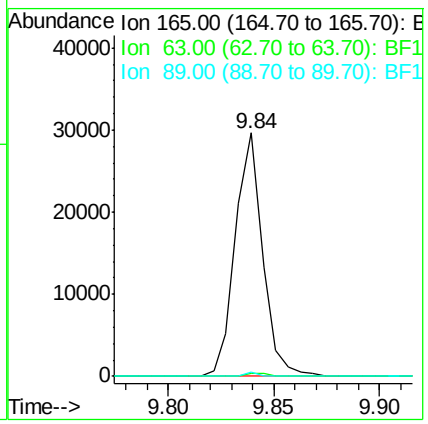


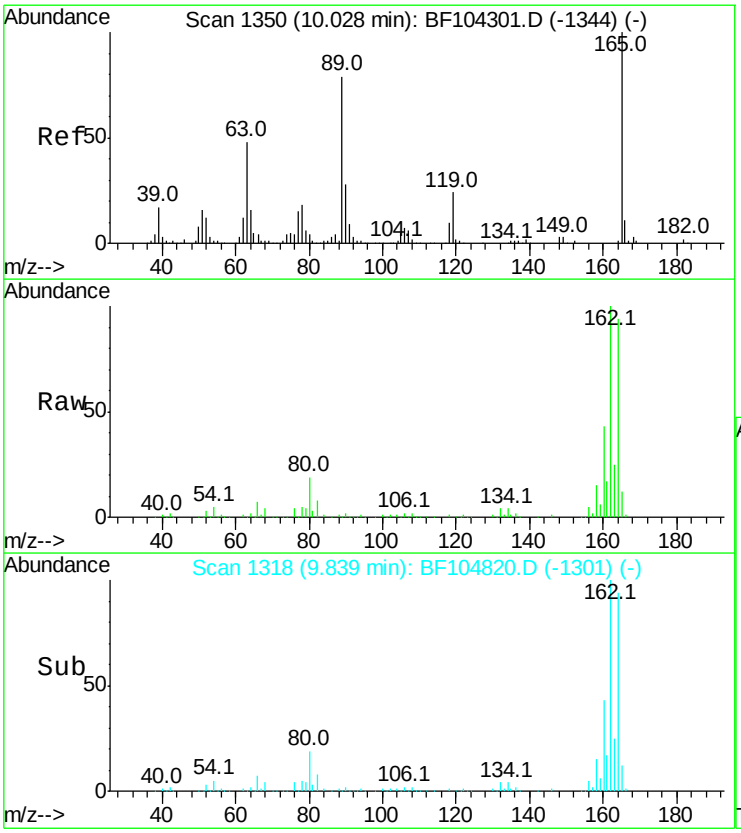
#50
2,6-Dinitrotoluene
Concen: 8.921 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26604

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.6	44.0	66.0#

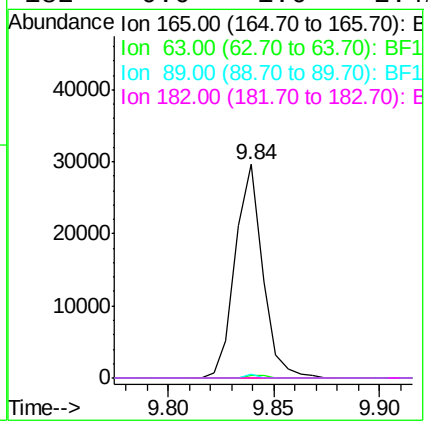


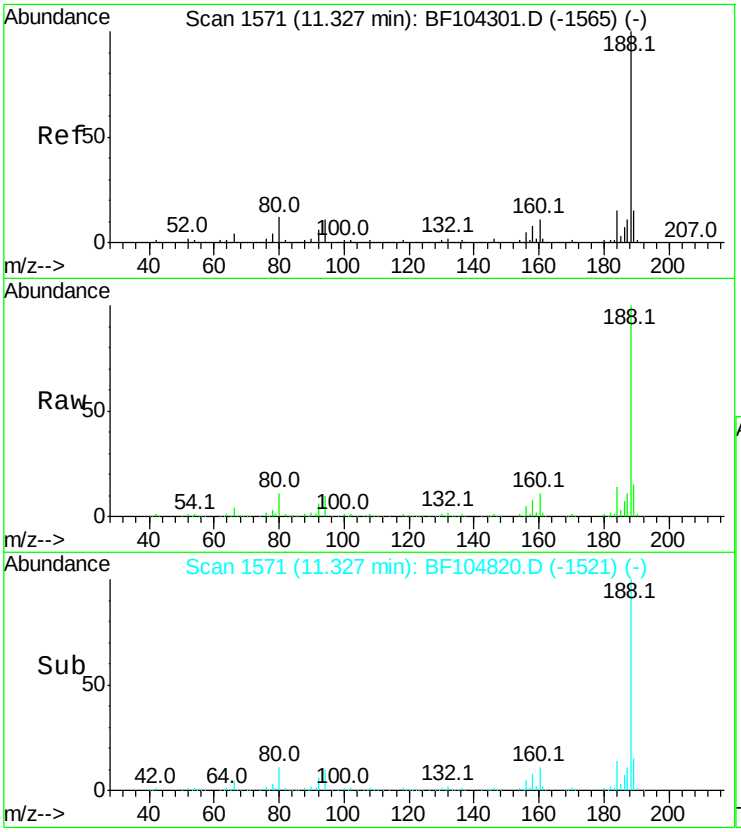


#56
2,4-Dinitrotoluene
Concen: 6.801 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion:165 Resp: 26604

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



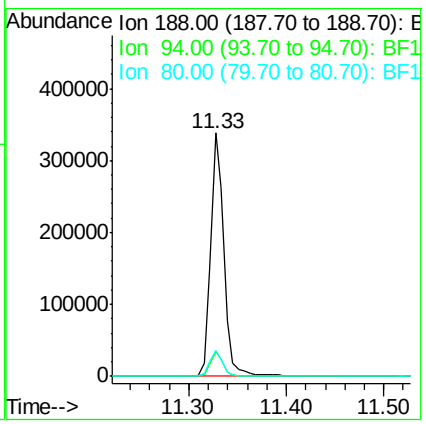


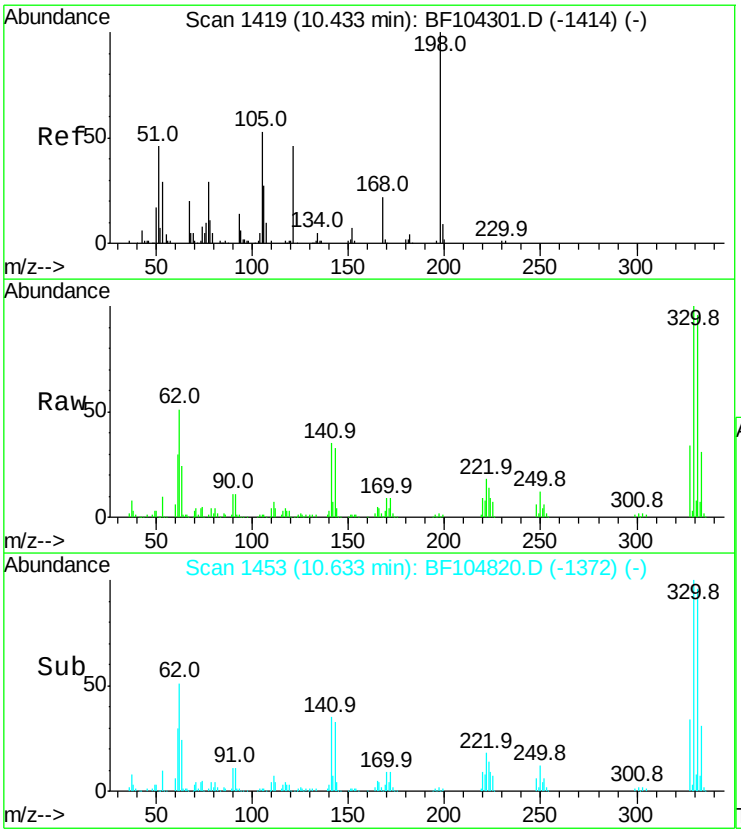
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 317024

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.8	9.2	13.8

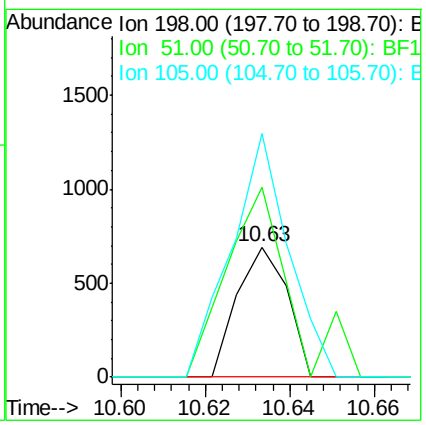


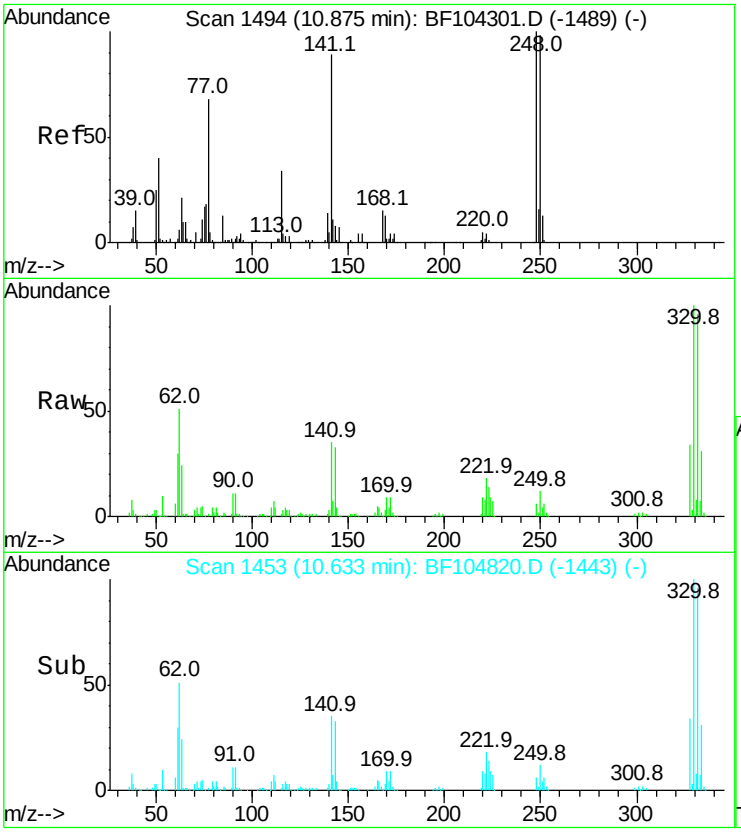


#64
4,6-Dinitro-2-methylphenol
Concen: 7.661 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion:198 Resp: 572

Ion	Ratio	Lower	Upper
198	100		
51	146.4	37.7	77.7#
105	187.3	36.3	76.3#



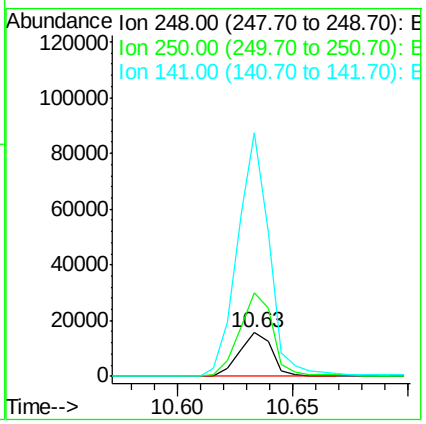


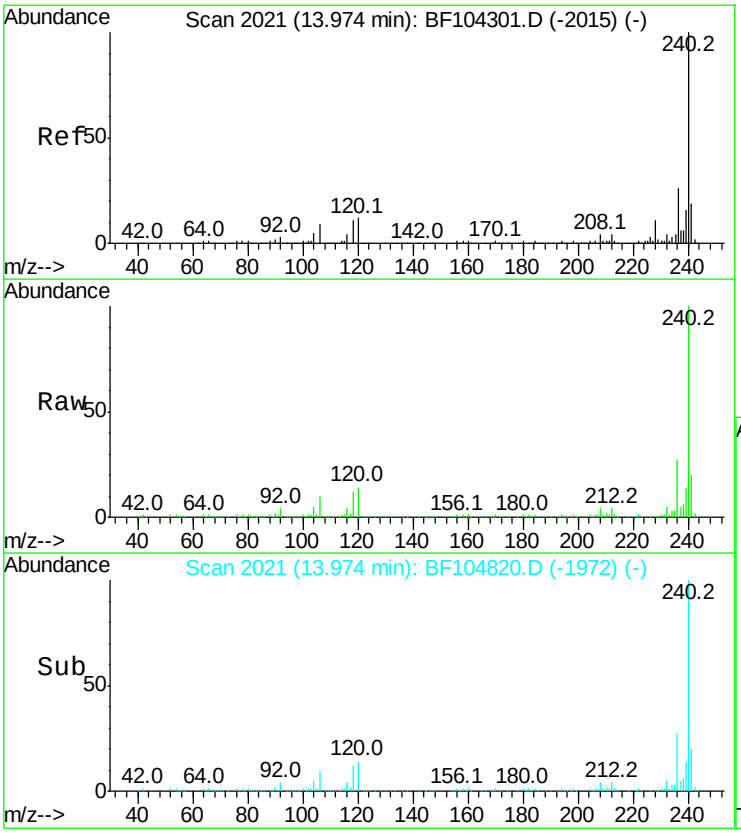
#66
4-Bromophenyl-phenylether
Concen: 4.585 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15462

Ion	Ratio	Lower	Upper
248	100		
250	191.7	76.9	115.3#
141	556.1	74.4	111.6#

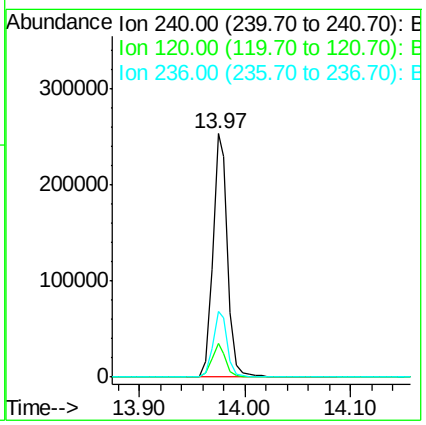


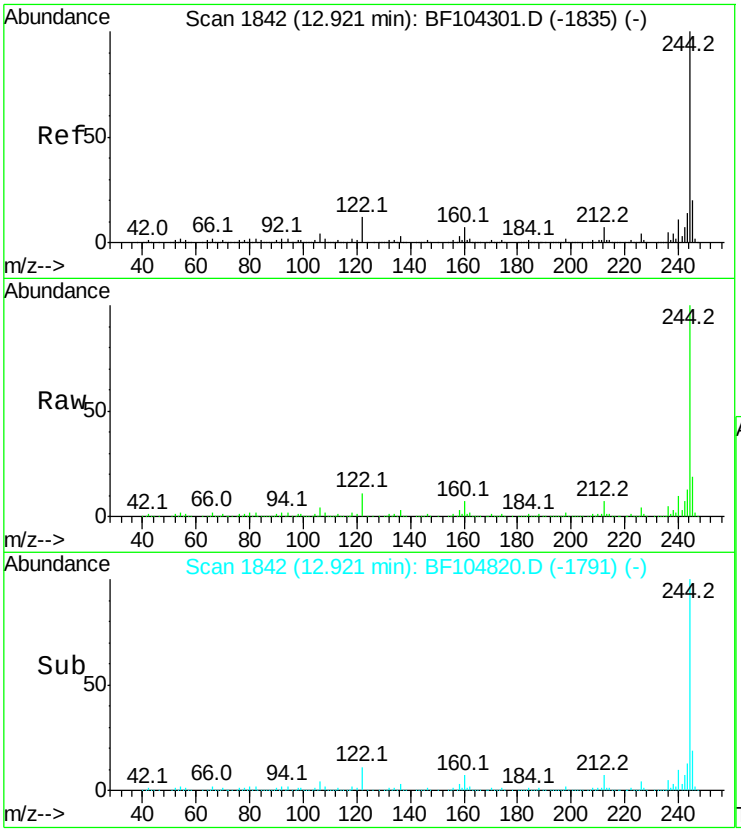


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion:240 Resp: 250297

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.8	20.7	31.1



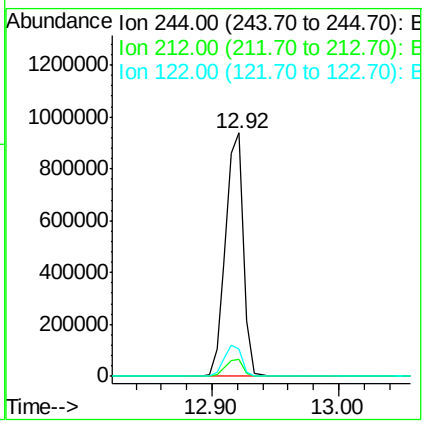


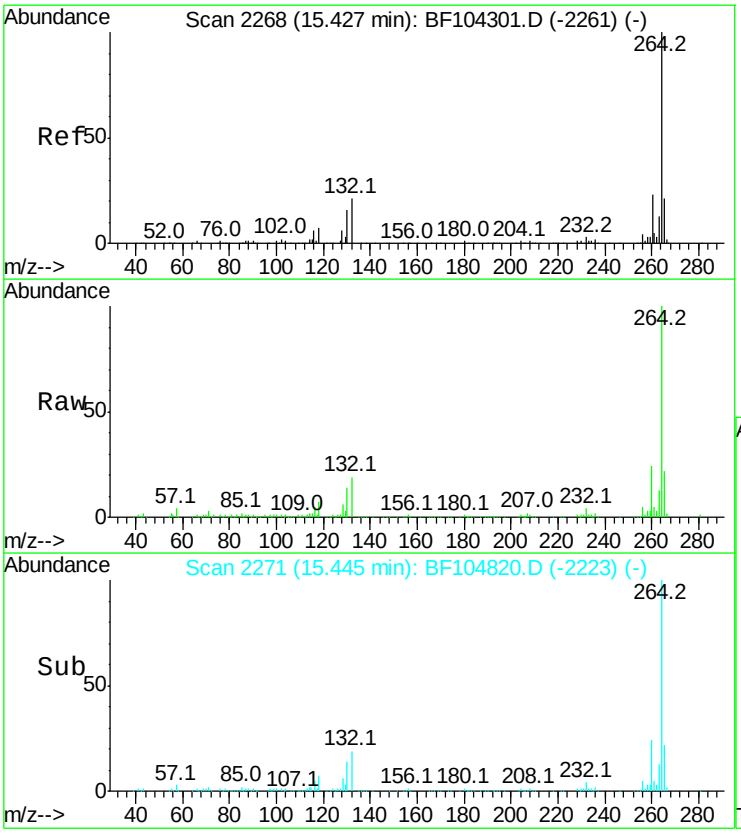
#78
Terphenyl-d14
Concen: 83.010 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 911346

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# 2271
Delta R.T. -0.02 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion:264 Resp: 188764

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3