Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104531.D
Acq On : 16 Apr 2018 13:52
Operator : JU/SJ
Sample : PB108229BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 16 14:53:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154808	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	635138	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	279048	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	422660	20.00	ng	0.00
75) Chrysene-d12	13.99	240	311691	20.00	ng	0.00
86) Perylene-d12	15.46	264	259716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1033871	102.12	ng	0.02
7) Phenol-d6	6.45	99	1382841	111.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	866132	89.05	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	278609	96.25	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1451164	82.15	ng	0.00
78) Terphenyl-d14	12.93	244	1058413	77.42	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	1894	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	113777	13.997	ng	# 72
25) Isophorone	7.37	82	863784	41.995	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	35365	8.685	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	35365	6.621	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.65	198	454	7.534	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	16428	3.654	ng	# 1
76) Benzidine	12.69	184	1030	Below Cal	#	66

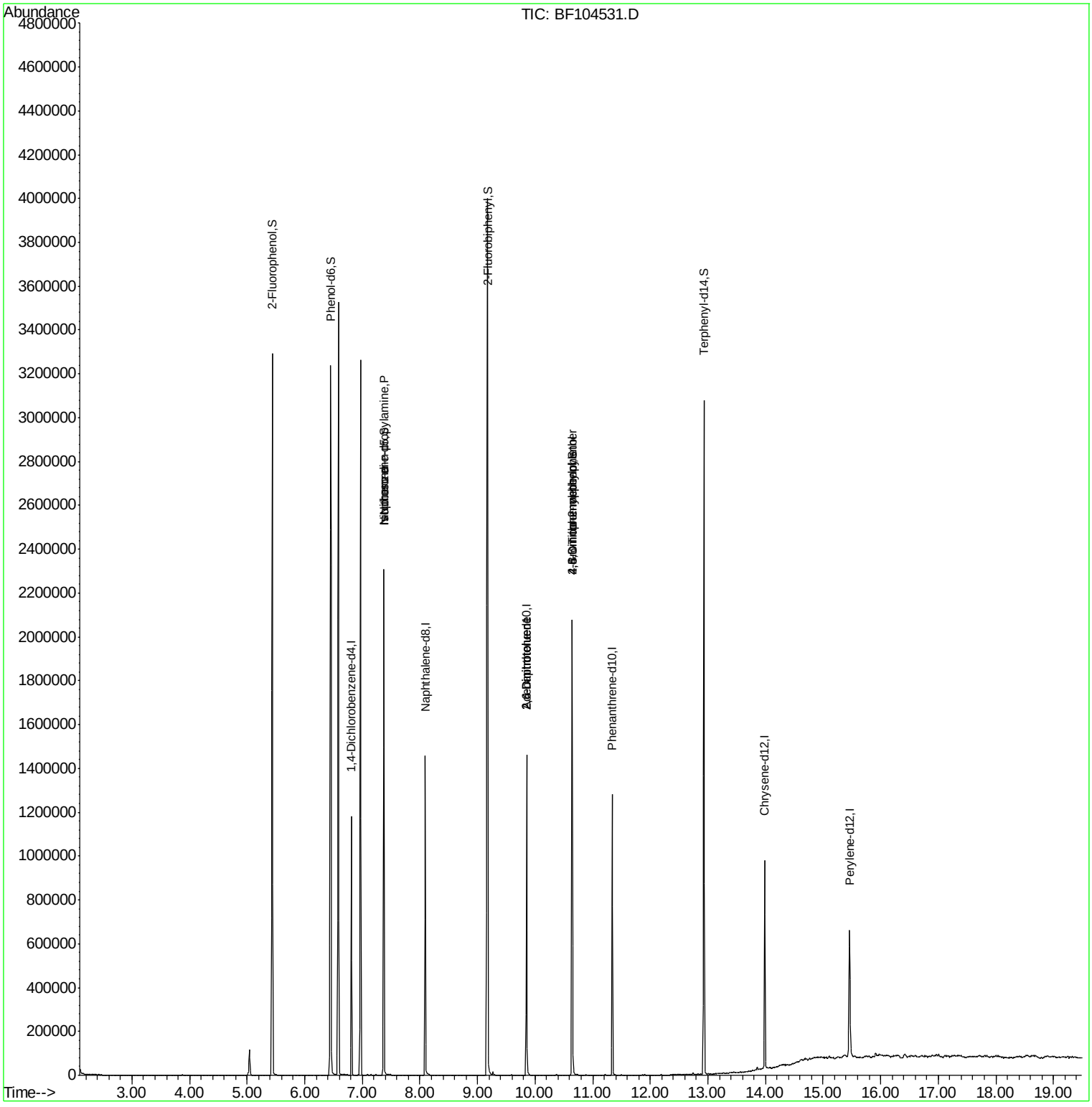
(#) = qualifier out of range (m) = manual integration (+) = signals summed

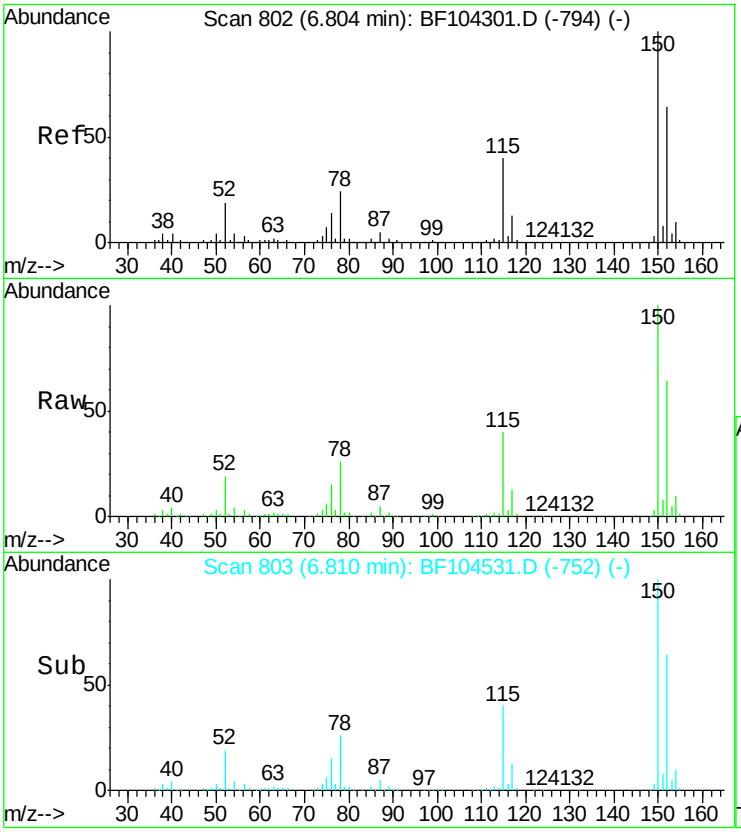
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104531.D
Acq On : 16 Apr 2018 13:52
Operator : JU/SJ
Sample : PB108229BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 16 14:53:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration



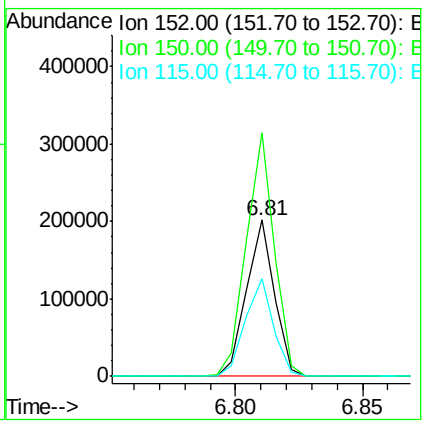


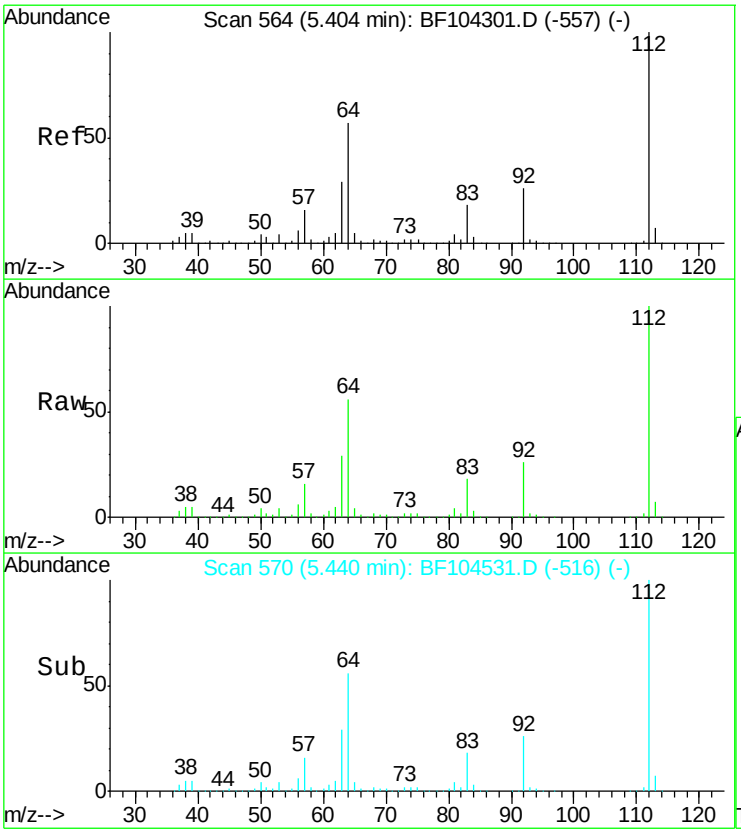
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 154808

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	62.6	50.1	75.1

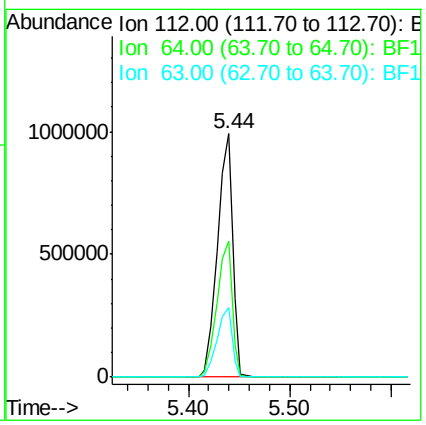


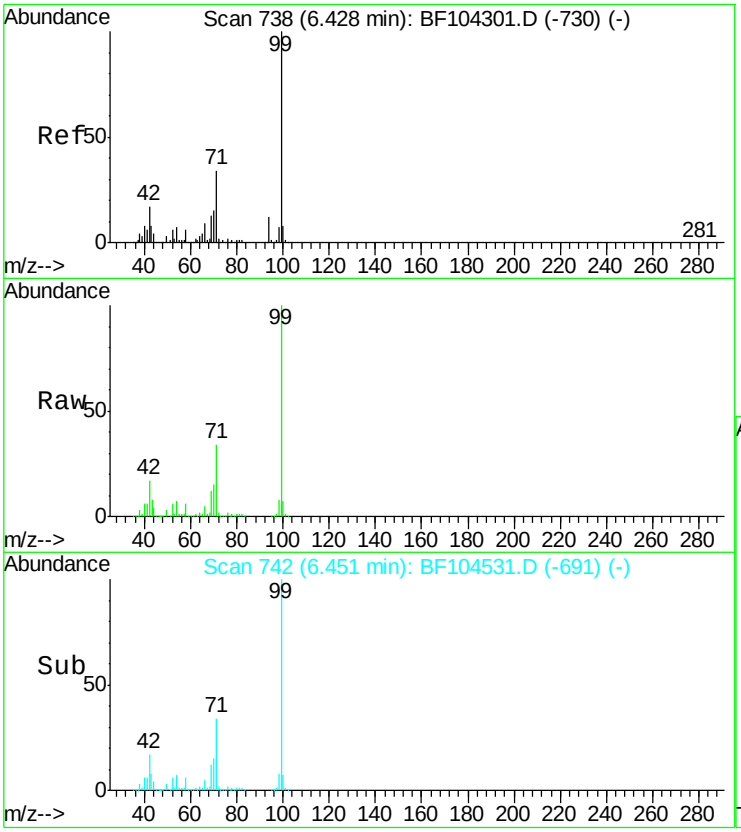


#5
2-Fluorophenol
Concen: 102.117 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Tgt Ion:112 Resp: 1033871

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	28.5	23.7	35.5



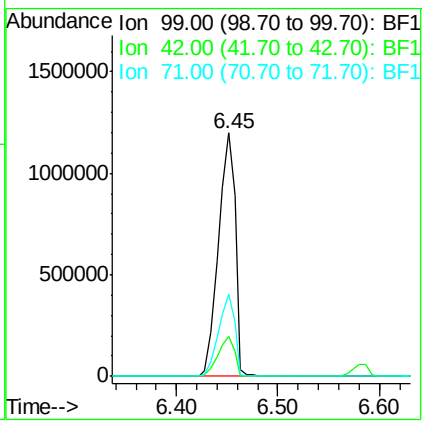


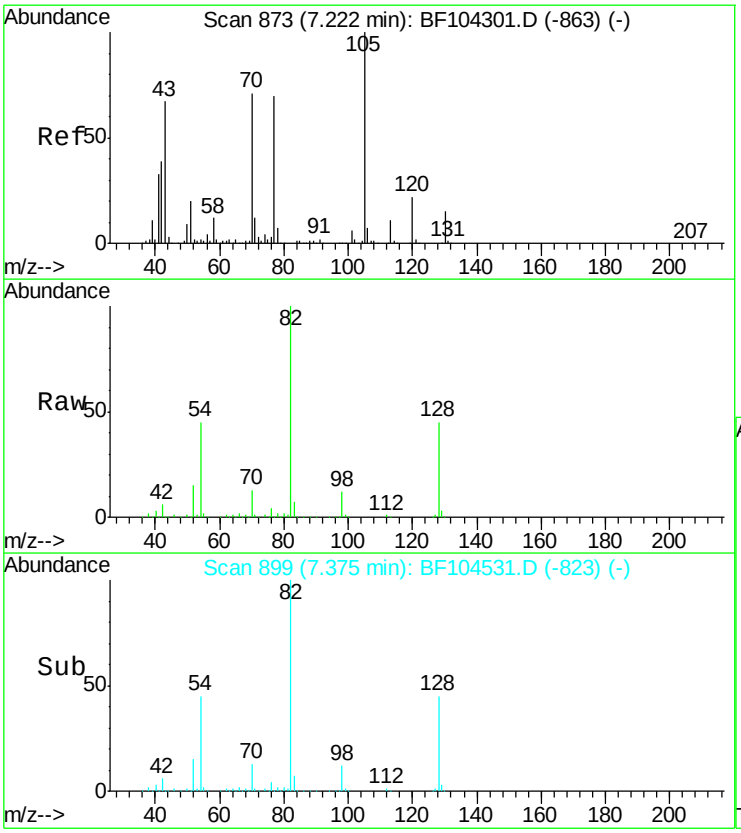
#7
Phenol-d6
Concen: 111.164 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1382841

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	33.9	25.4	38.0

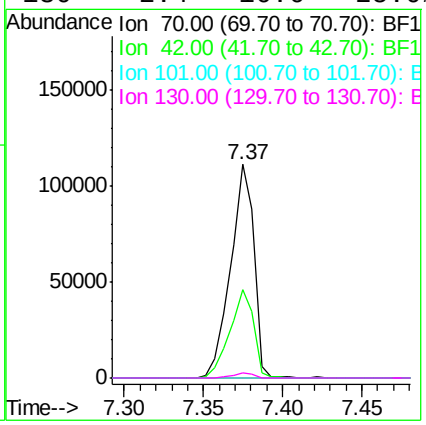


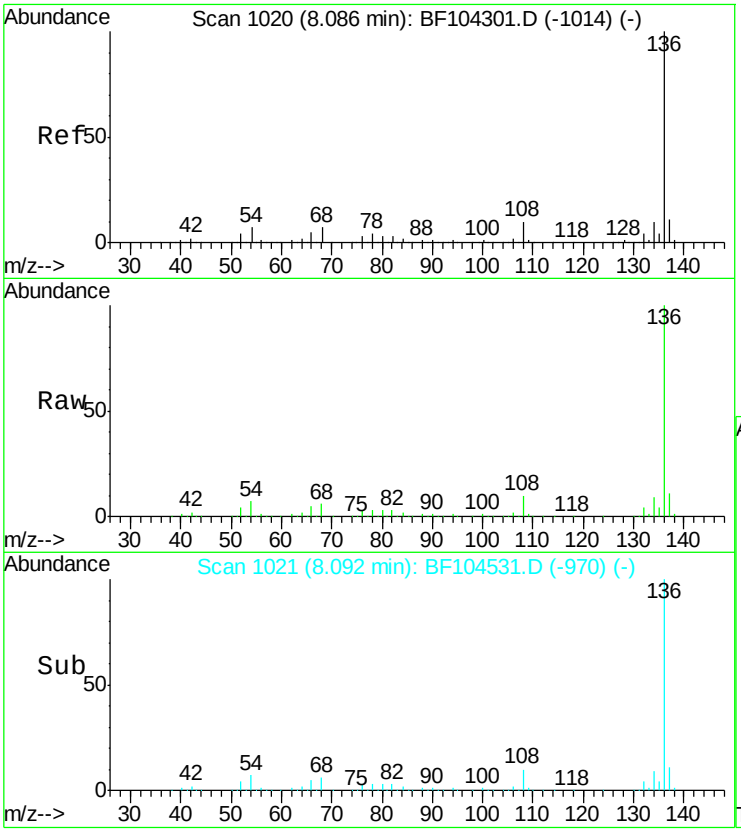


#19
n-Nitroso-di-n-propylamine
Concen: 13.997 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Tgt Ion: 70 Resp: 113777

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



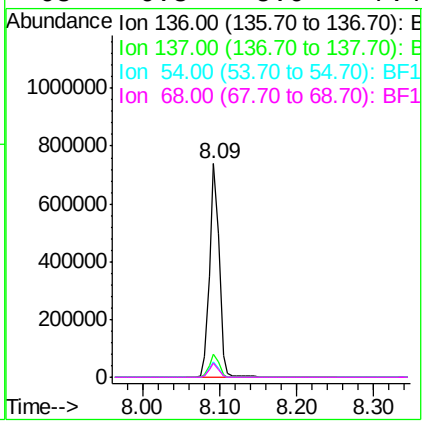


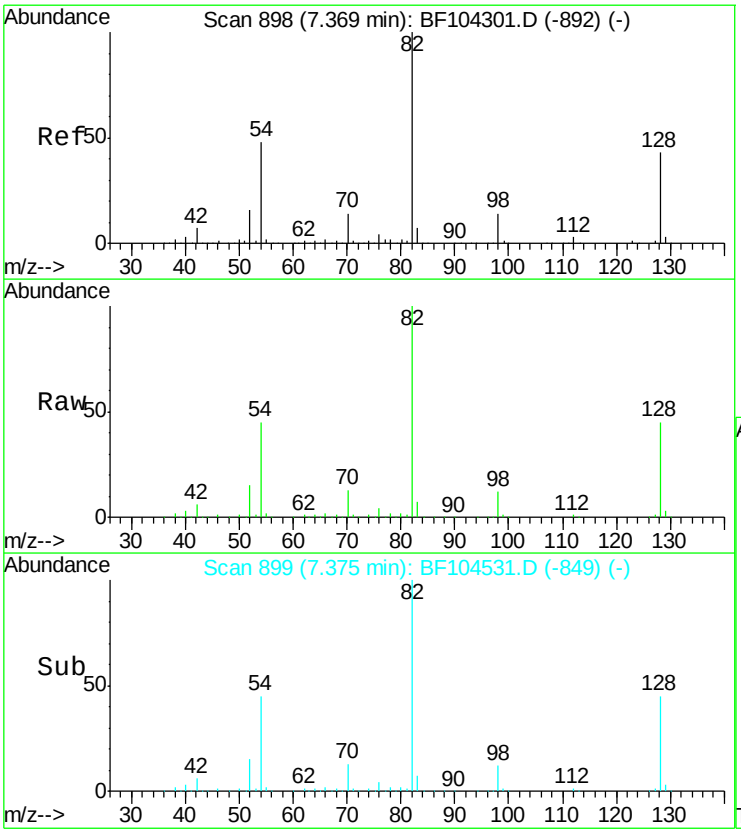
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 635138

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.1	6.6	9.8
68	6.3	5.0	7.4

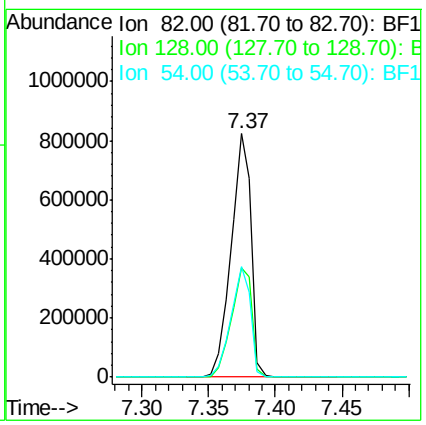


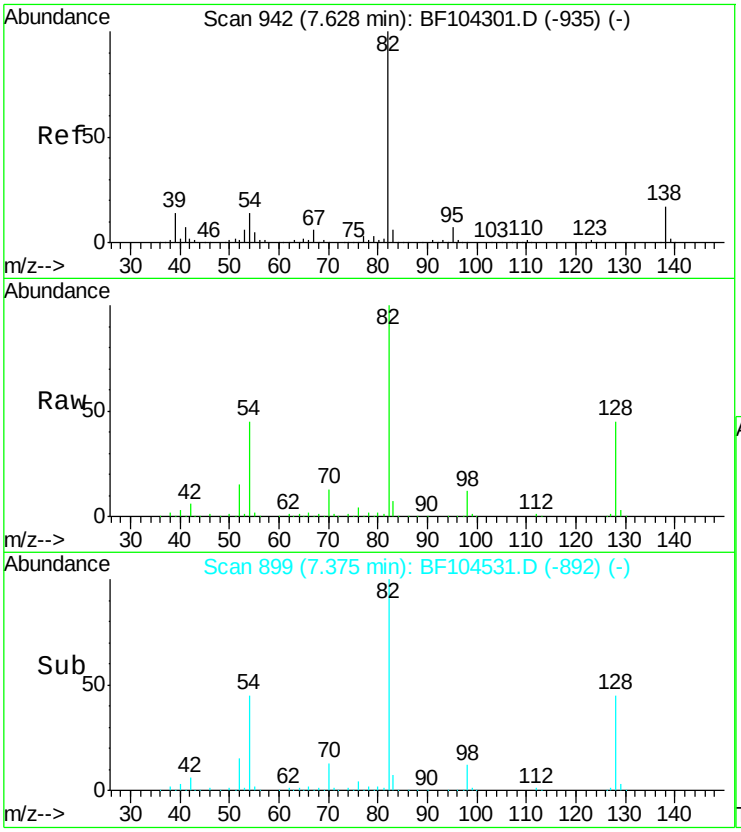


#23
Nitrobenzene-d5
Concen: 89.046 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Tgt Ion: 82 Resp: 866132

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	45.3	41.4	62.2



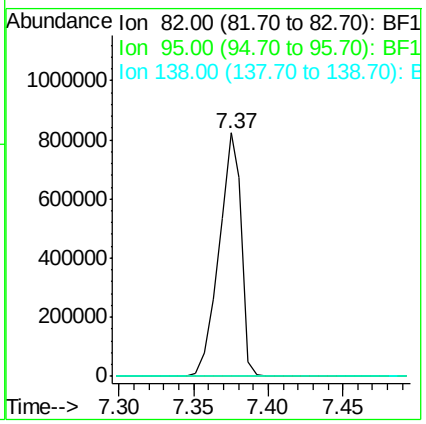


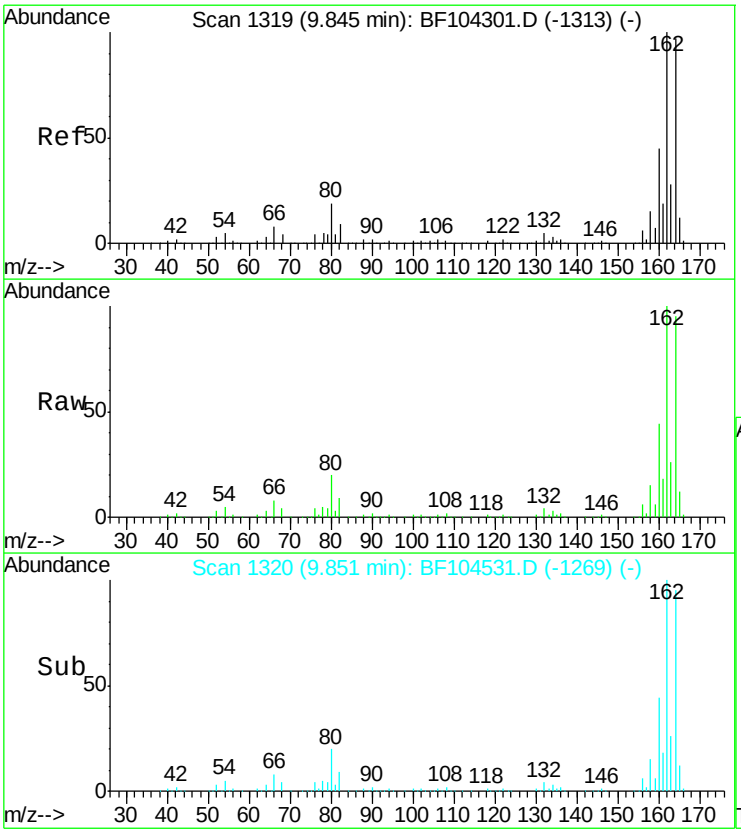
#25
Isophorone
Concen: 41.995 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 863784

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

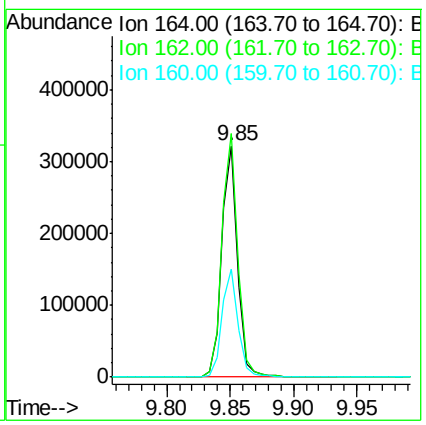


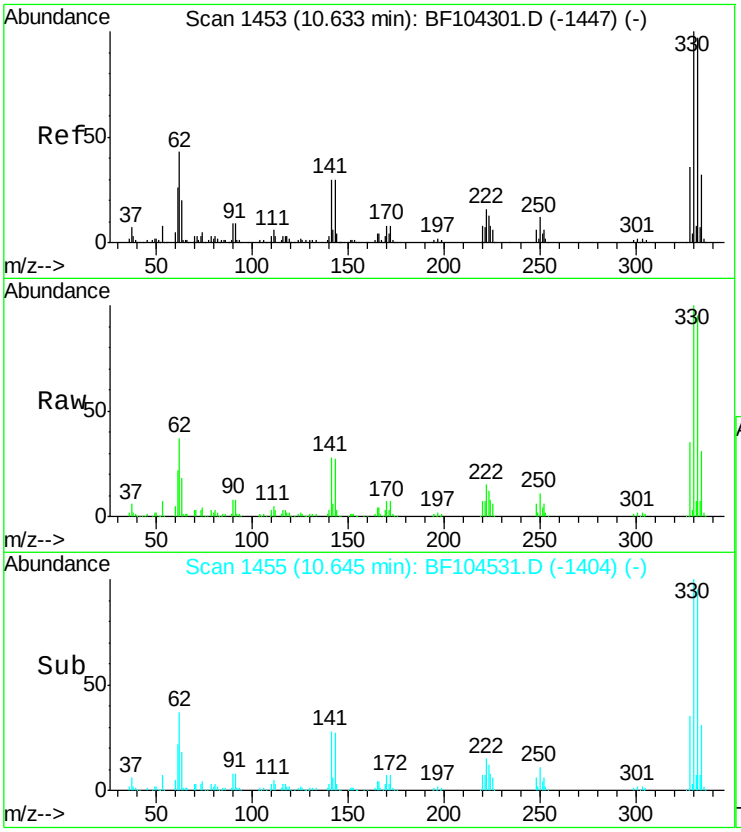


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Tgt Ion:164 Resp: 279048

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	46.5	38.3	57.5



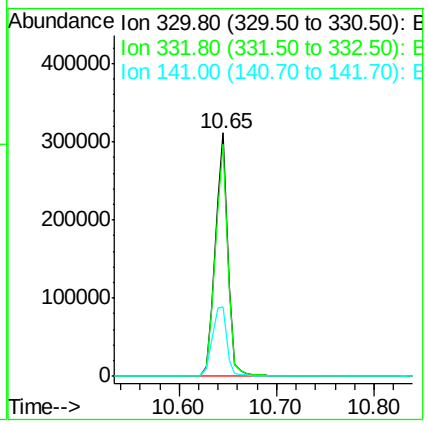


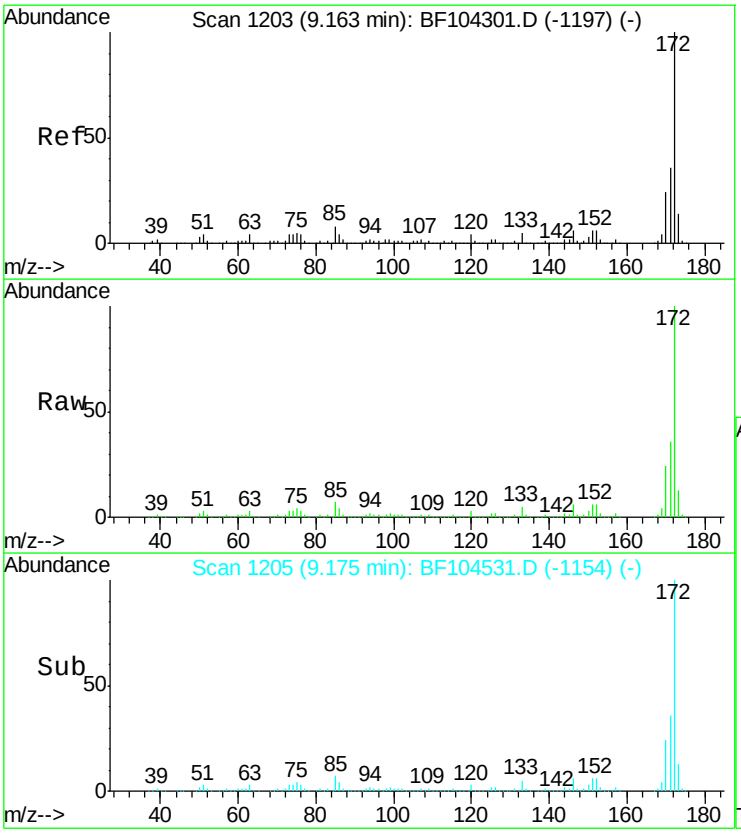
#41
2,4,6-Tribromophenol
Concen: 96.250 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 278609

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.2	29.9	44.9

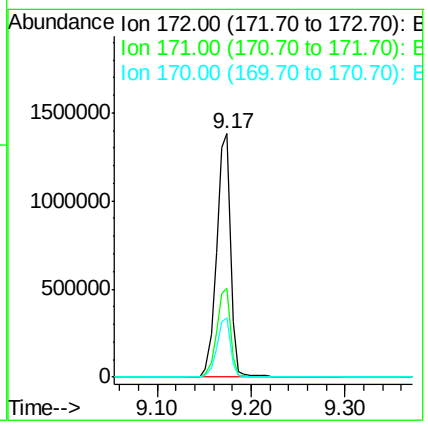


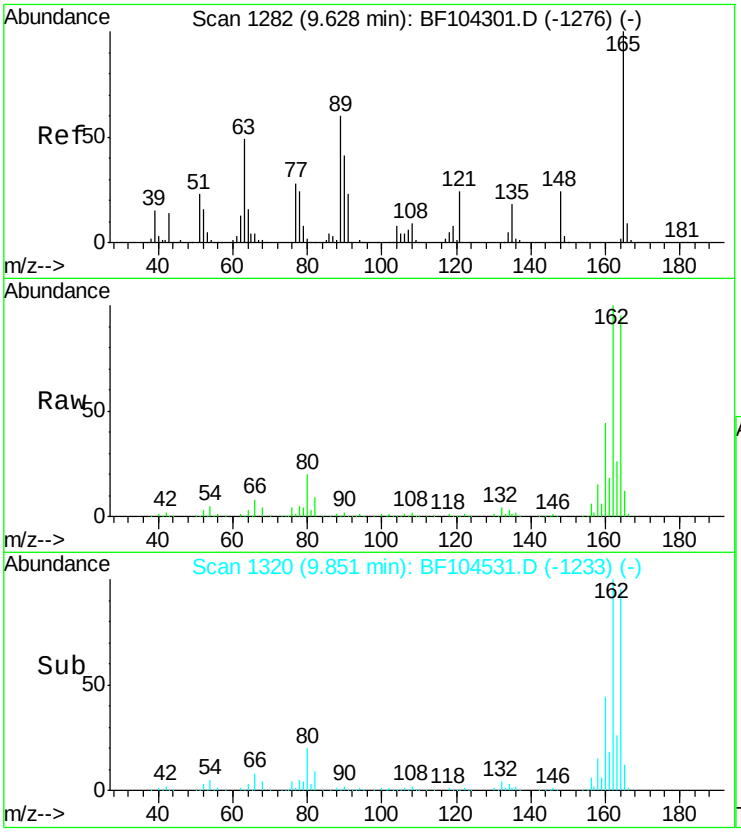


#44
2-Fluorobiphenyl
Concen: 82.154 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Tgt Ion:172 Resp: 1451164

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4



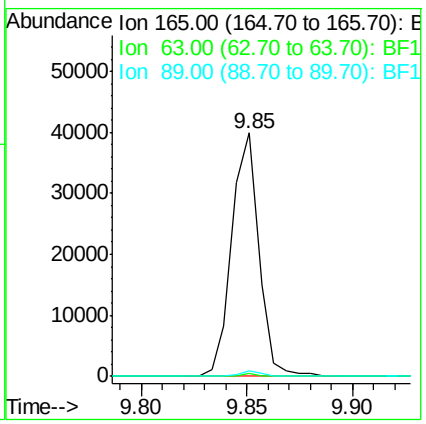


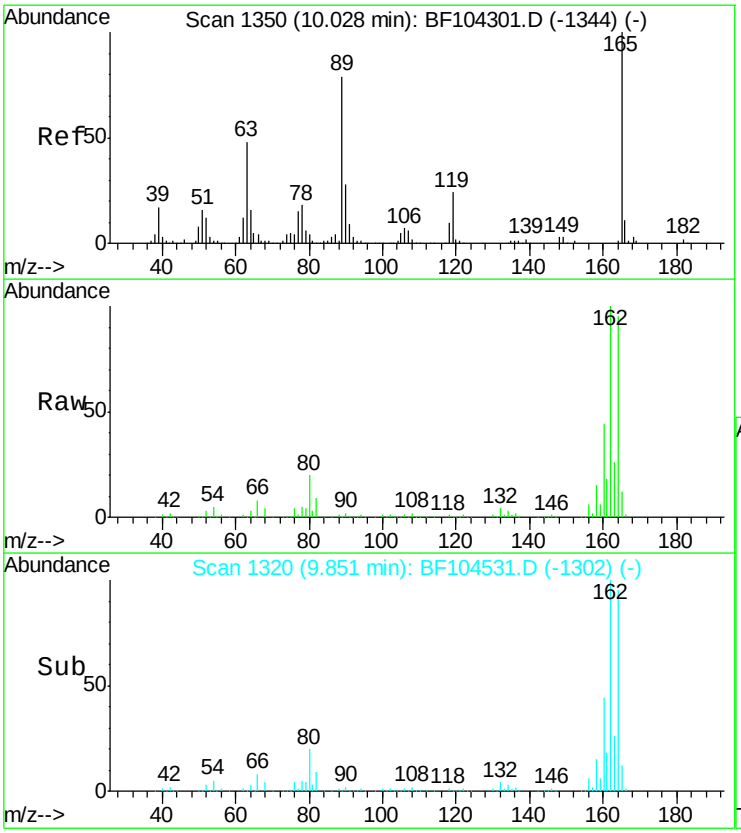
#50
2,6-Dinitrotoluene
Concen: 8.685 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35365

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	2.1	44.0	66.0#

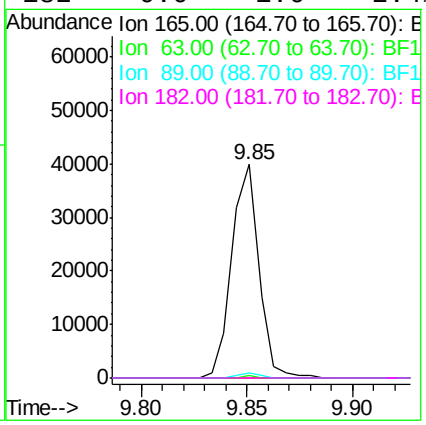


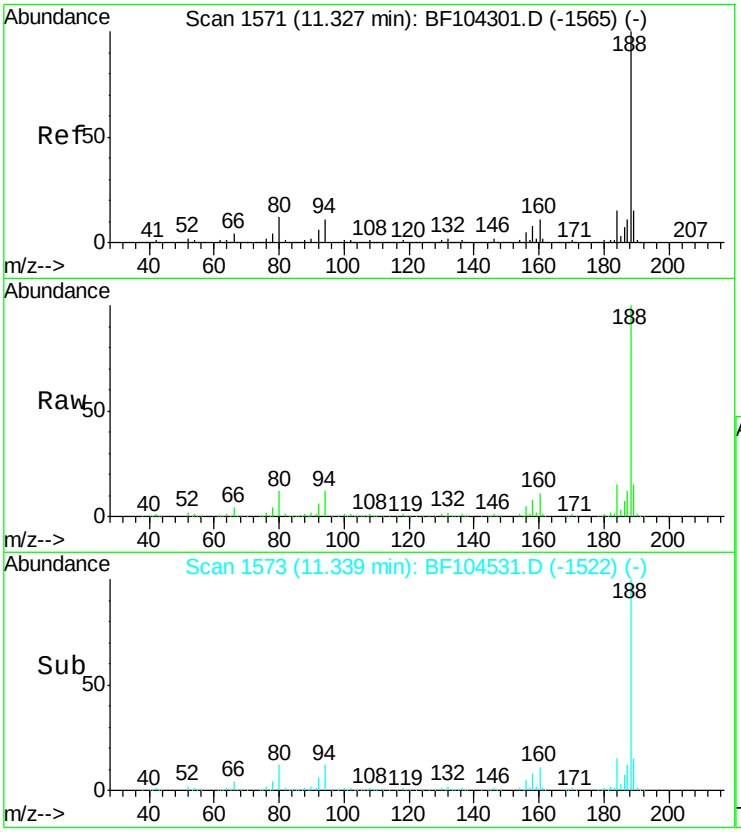


#56
2,4-Dinitrotoluene
Concen: 6.621 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Tgt Ion:165 Resp: 35365

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



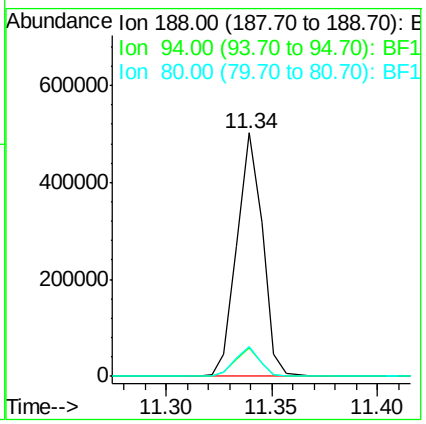


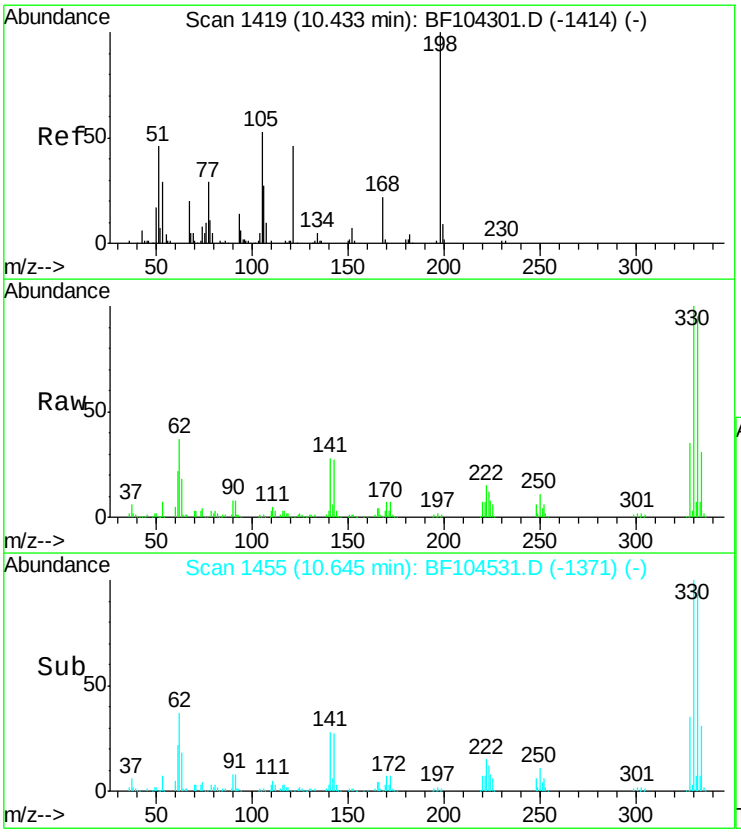
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 422660

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.2	9.2	13.8

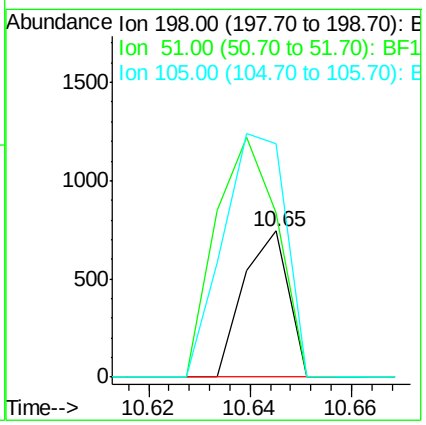


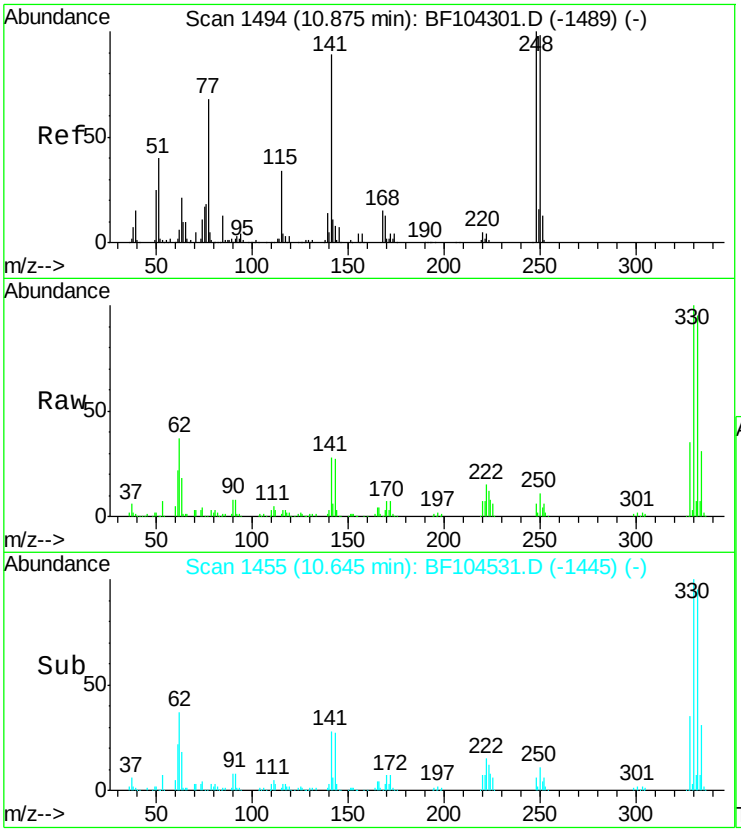


#64
4,6-Dinitro-2-methylphenol
Concen: 7.534 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.19 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Tgt Ion:198 Resp: 454

Ion	Ratio	Lower	Upper
198	100		
51	112.6	37.7	77.7#
105	159.9	36.3	76.3#



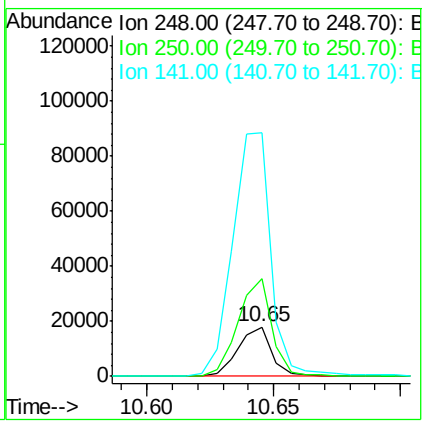


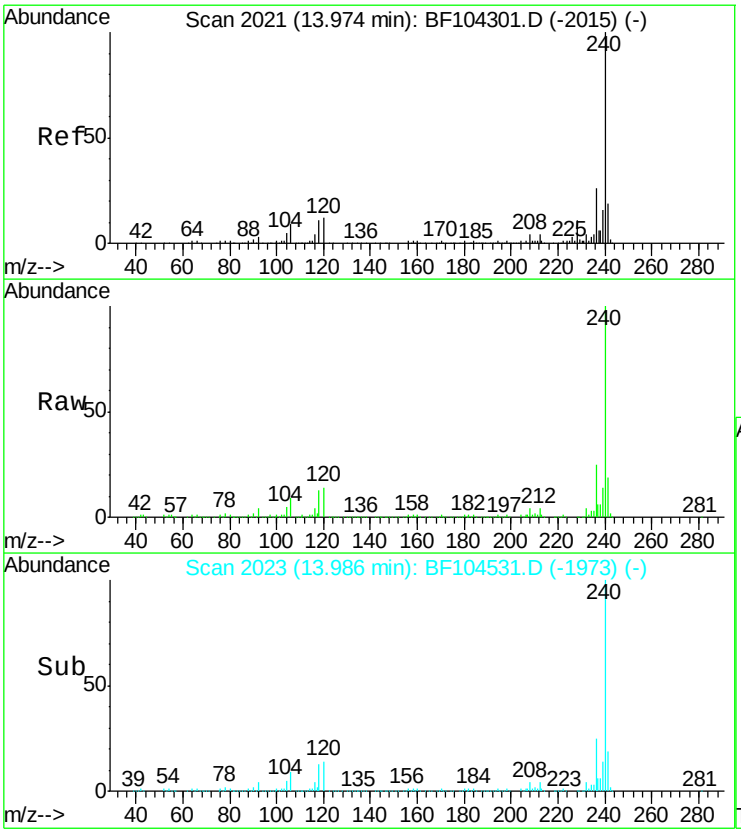
#66
4-Bromophenyl-phenylether
Concen: 3.654 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16428

Ion	Ratio	Lower	Upper
248	100		
250	198.1	76.9	115.3#
141	496.5	74.4	111.6#

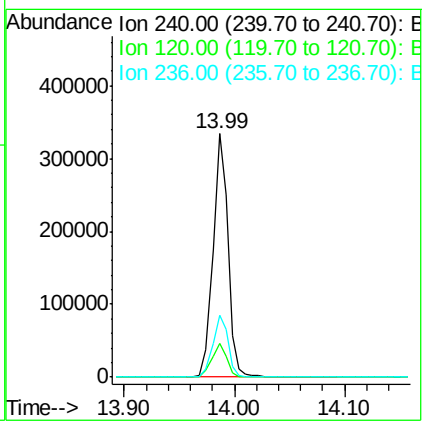


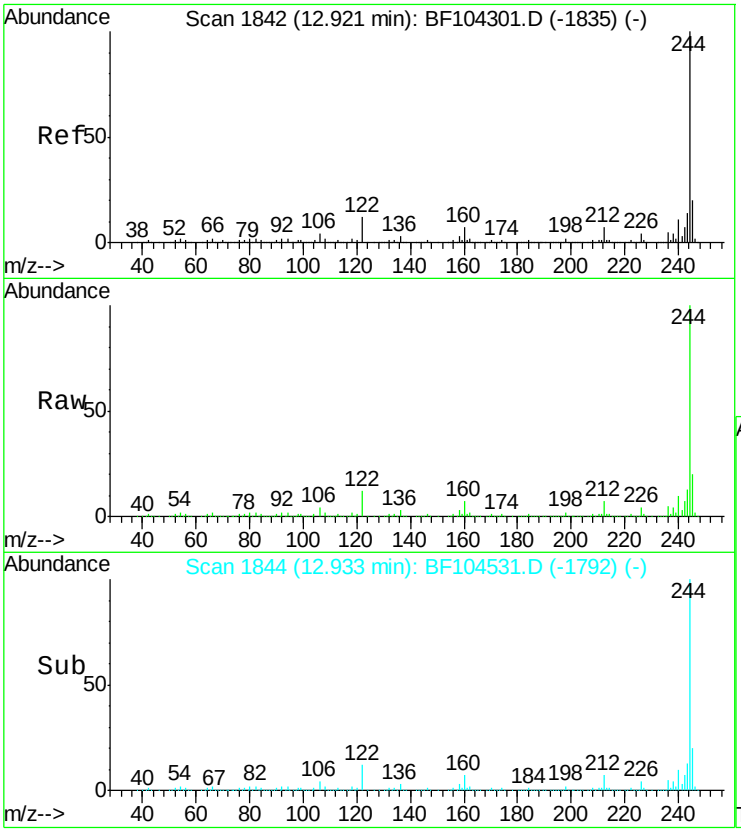


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Tgt Ion:240 Resp: 311691

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.5	20.7	31.1



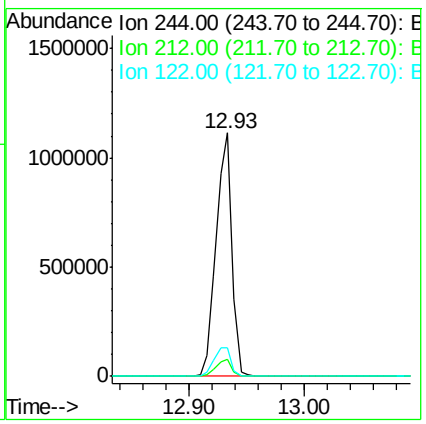


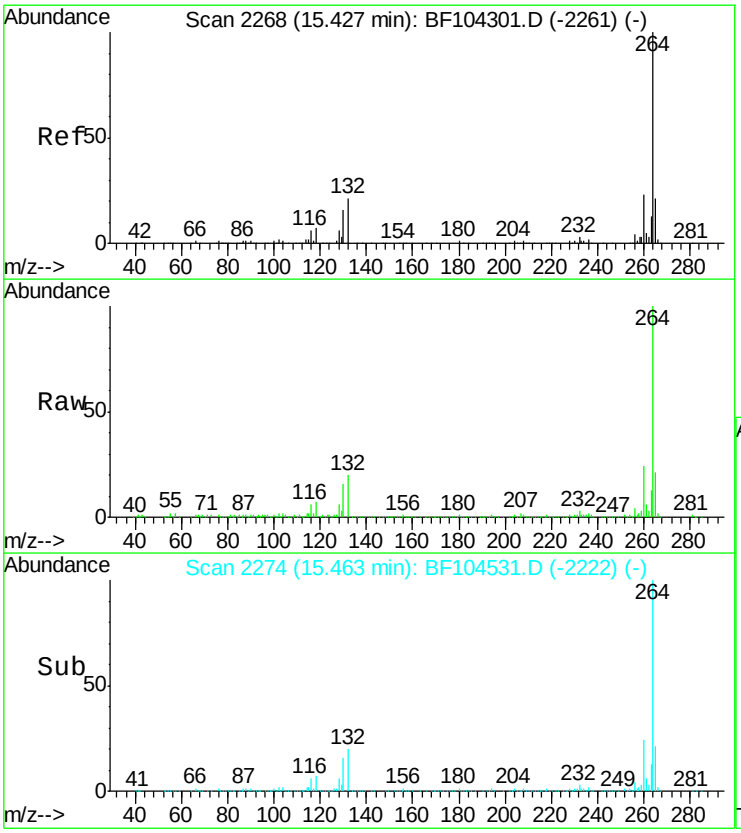
#78
Terphenyl-d14
Concen: 77.416 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1058413

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Tgt Ion:264 Resp: 259716

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3