Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104539.D
Acq On : 16 Apr 2018 18:14
Operator : JU/SJ
Sample : PB108254BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 16 18:45:06 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	141396	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	590729	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	278069	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	523588	20.00	ng	0.00
75) Chrysene-d12	13.99	240	449226	20.00	ng	0.00
86) Perylene-d12	15.46	264	365696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	938580	101.50	ng	0.01
7) Phenol-d6	6.45	99	1152960	101.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	713666	78.89	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	304956	105.72	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1271600	72.24	ng	0.00
78) Terphenyl-d14	12.93	244	1344908	68.25	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	93513	12.595	ng	# 70
25) Isophorone	7.37	82	708812	37.052	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	34841	8.587	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	34841	6.546	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	612	7.550	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	17943	3.222	ng	# 1
76) Benzidine	12.93	184	17600	Below Cal		99

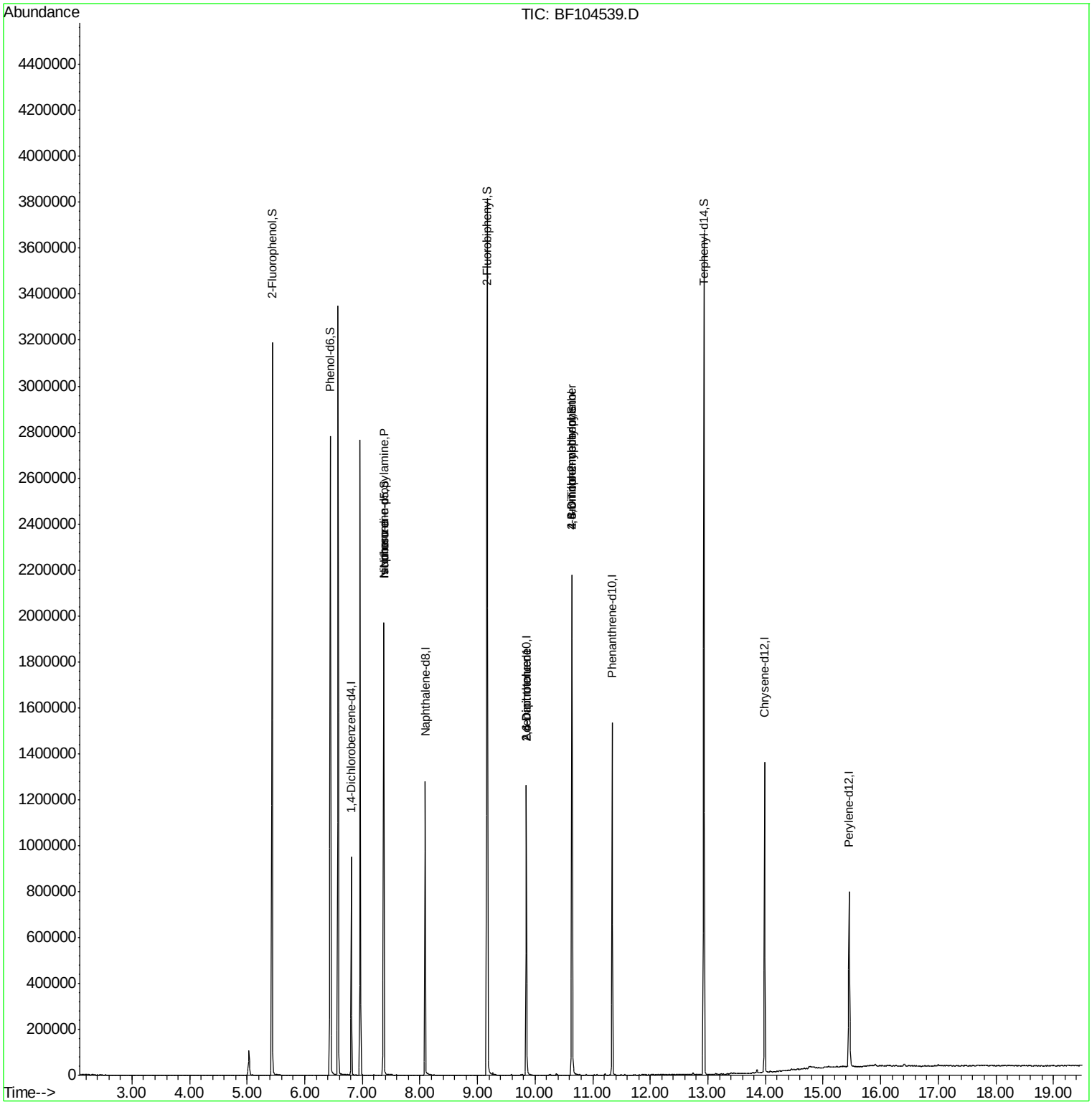
(#) = qualifier out of range (m) = manual integration (+) = signals summed

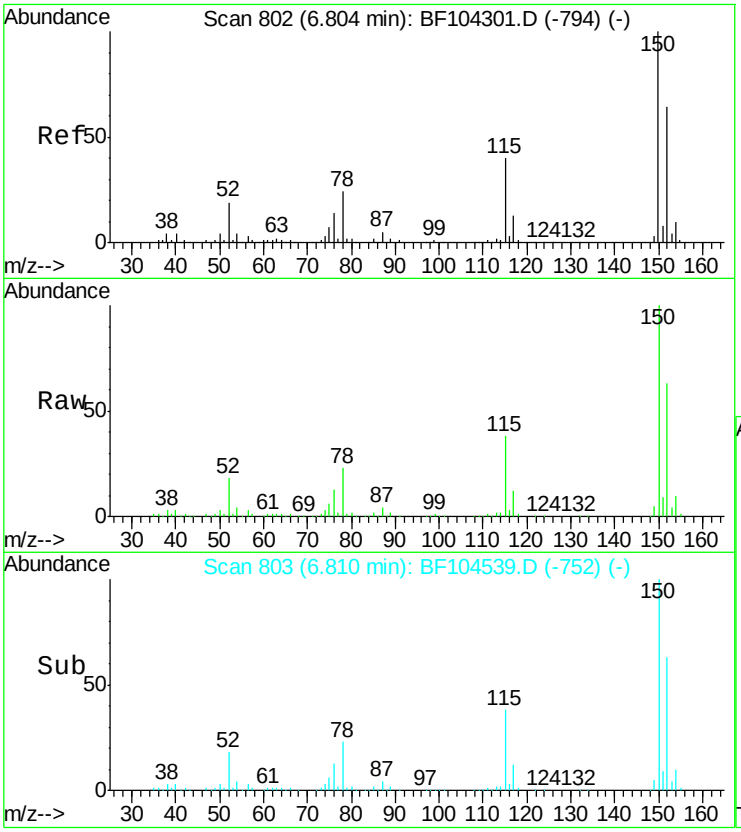
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104539.D
Acq On : 16 Apr 2018 18:14
Operator : JU/SJ
Sample : PB108254BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 16 18:45:06 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



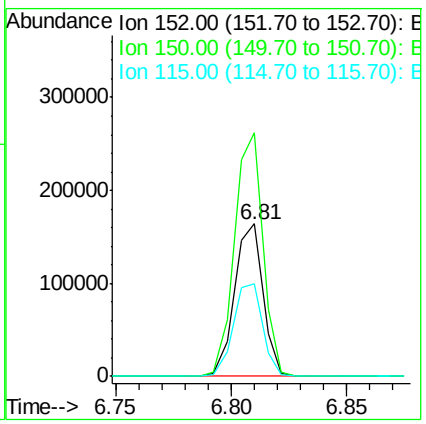


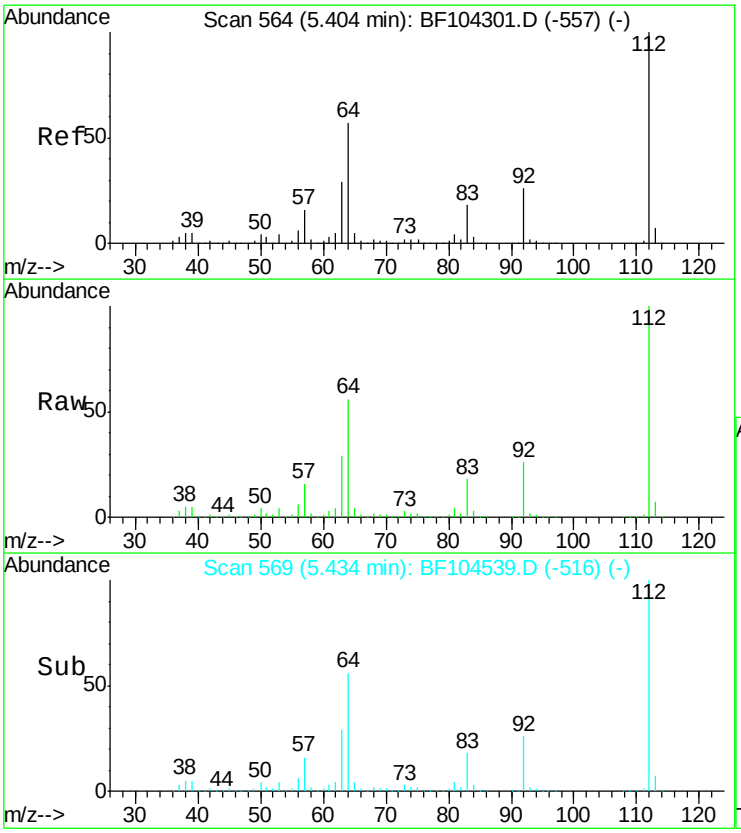
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141396

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	60.6	50.1	75.1

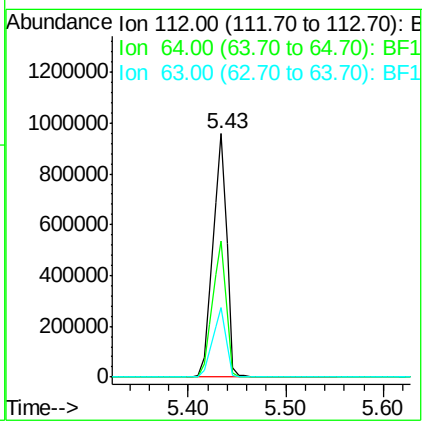


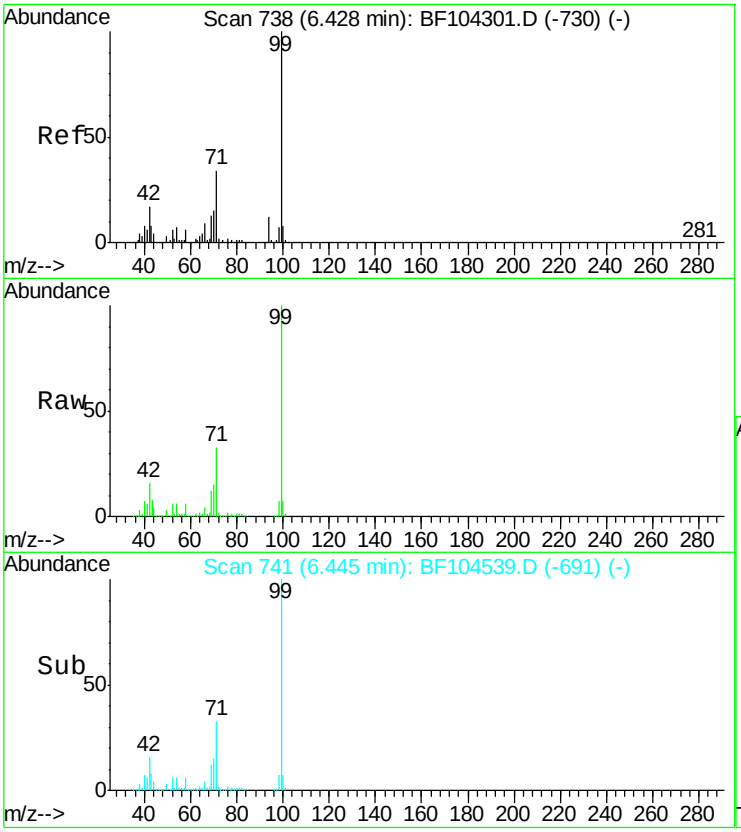


#5
2-Fluorophenol
Concen: 101.498 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Tgt Ion:112 Resp: 938580

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.7	23.7	35.5



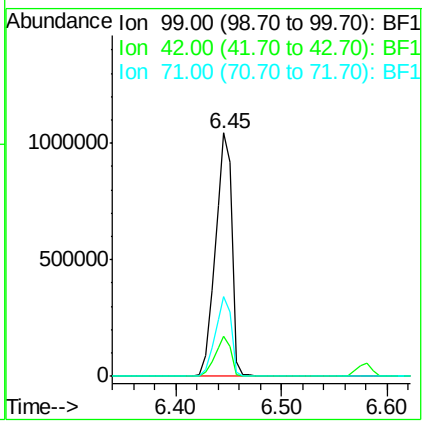


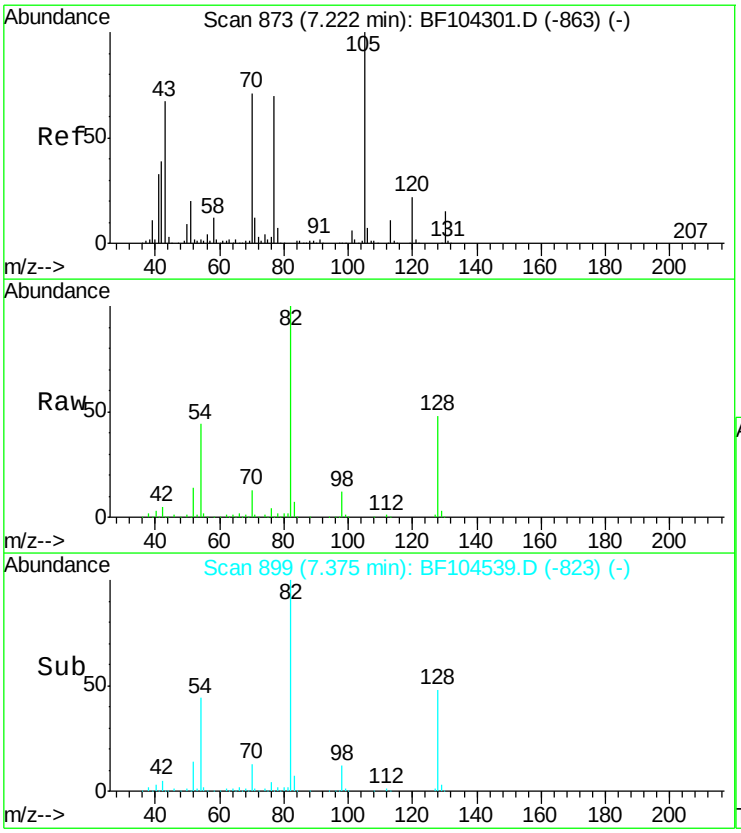
#7
Phenol-d6
Concen: 101.476 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1152960

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	32.9	25.4	38.0

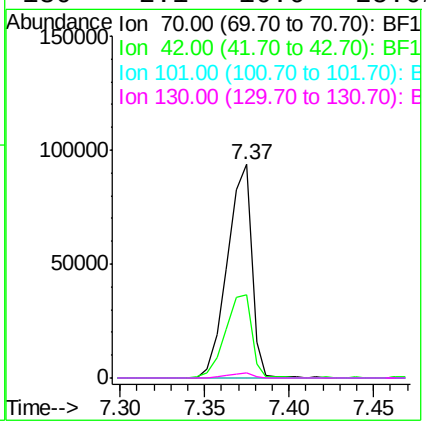


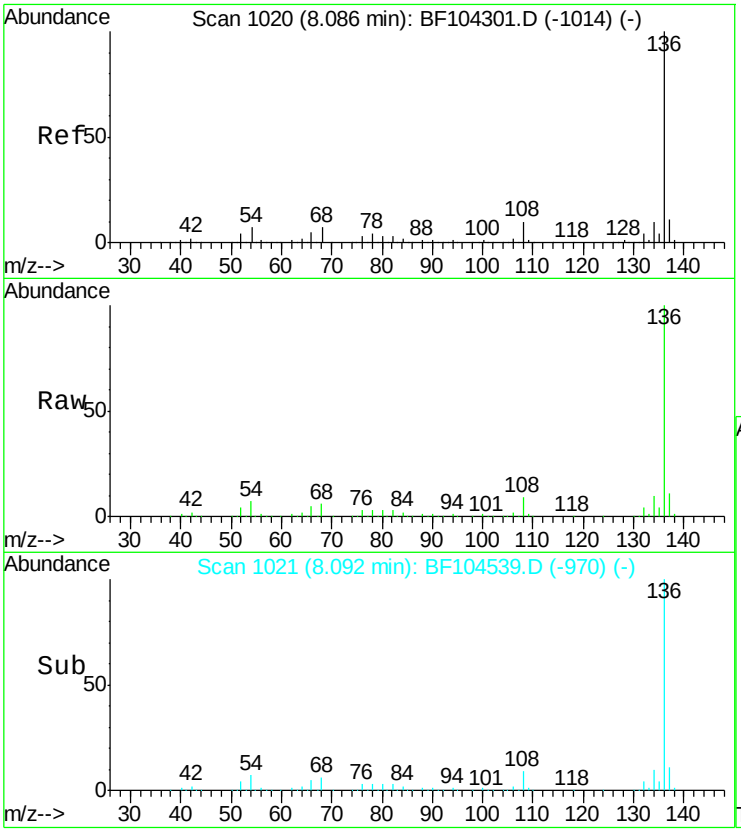


#19
n-Nitroso-di-n-propylamine
Concen: 12.595 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Tgt Ion: 70 Resp: 93513

Ion	Ratio	Lower	Upper
70	100		
42	39.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



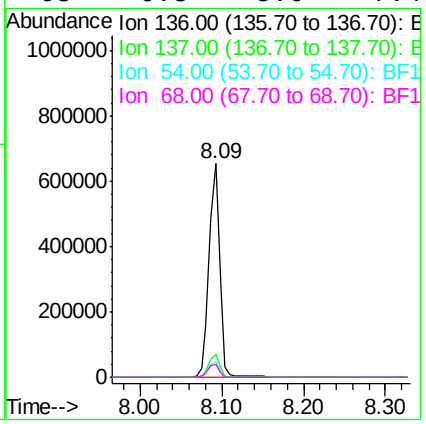


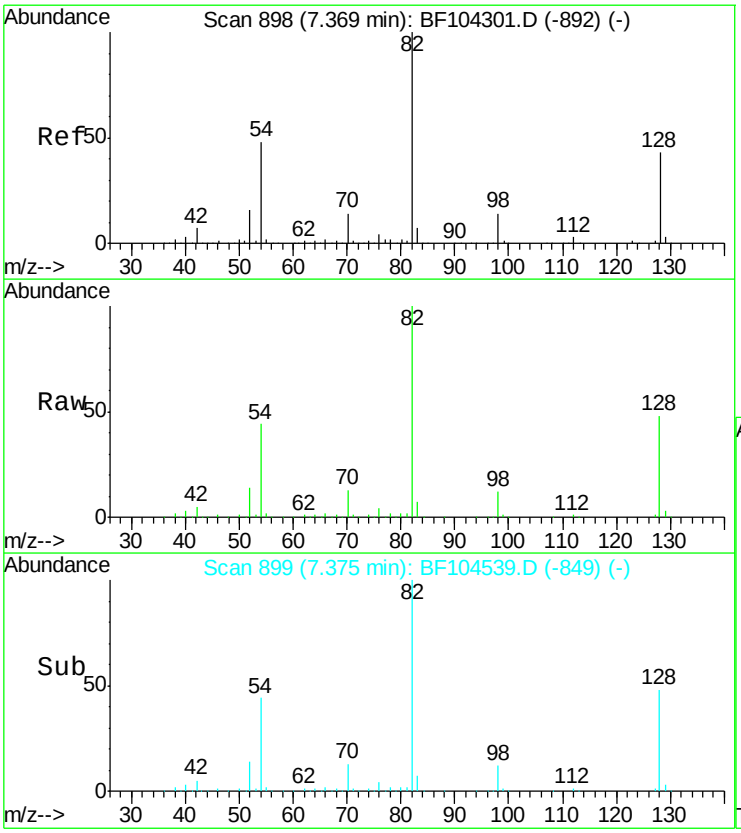
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 590729

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	6.3	5.0	7.4

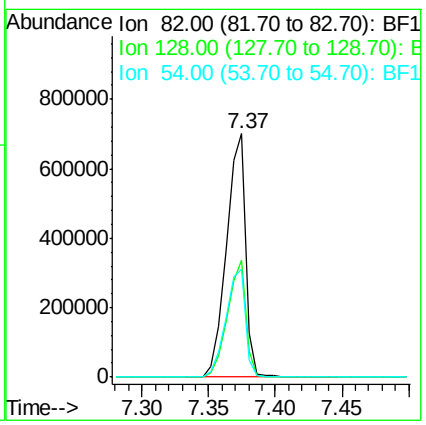


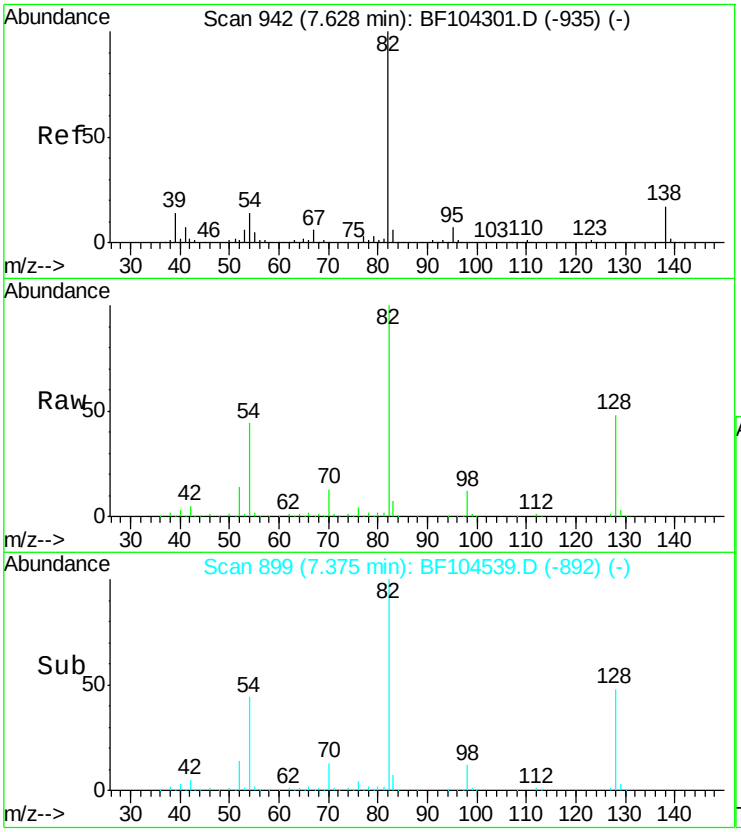


#23
Nitrobenzene-d5
Concen: 78.887 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Tgt Ion: 82 Resp: 713666

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	44.2	41.4	62.2



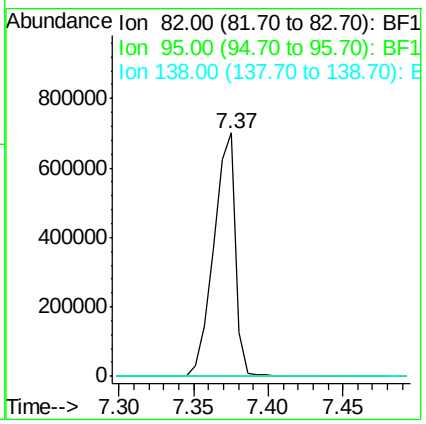


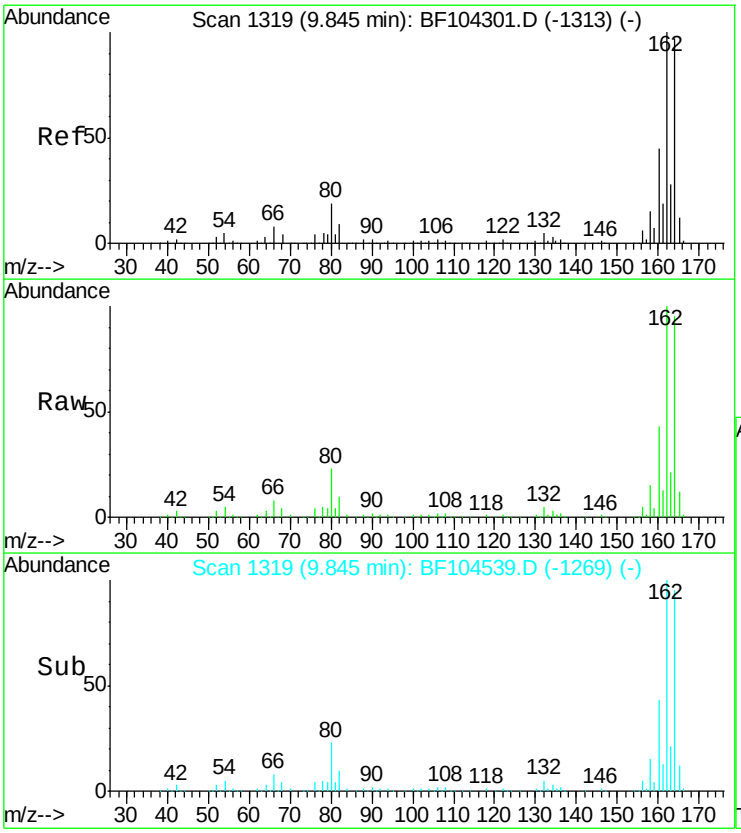
#25
Isophorone
Concen: 37.052 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 708812

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

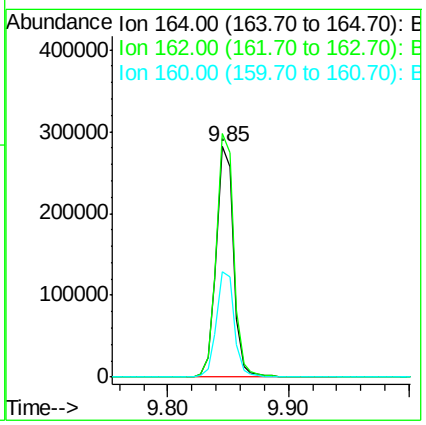


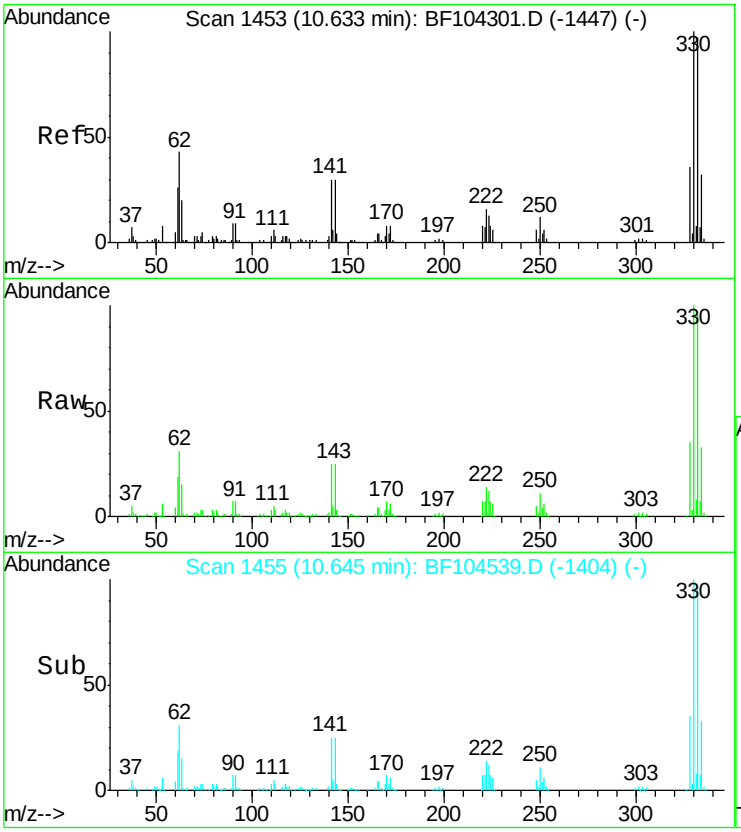


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Tgt Ion:164 Resp: 278069

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.8	38.3	57.5



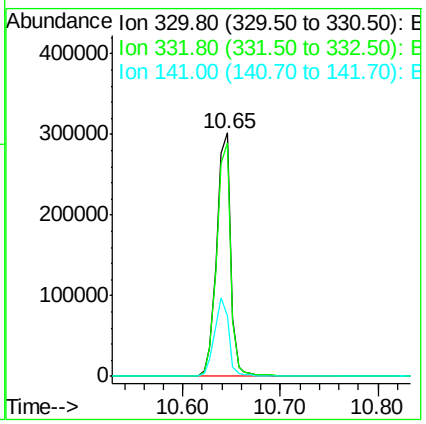


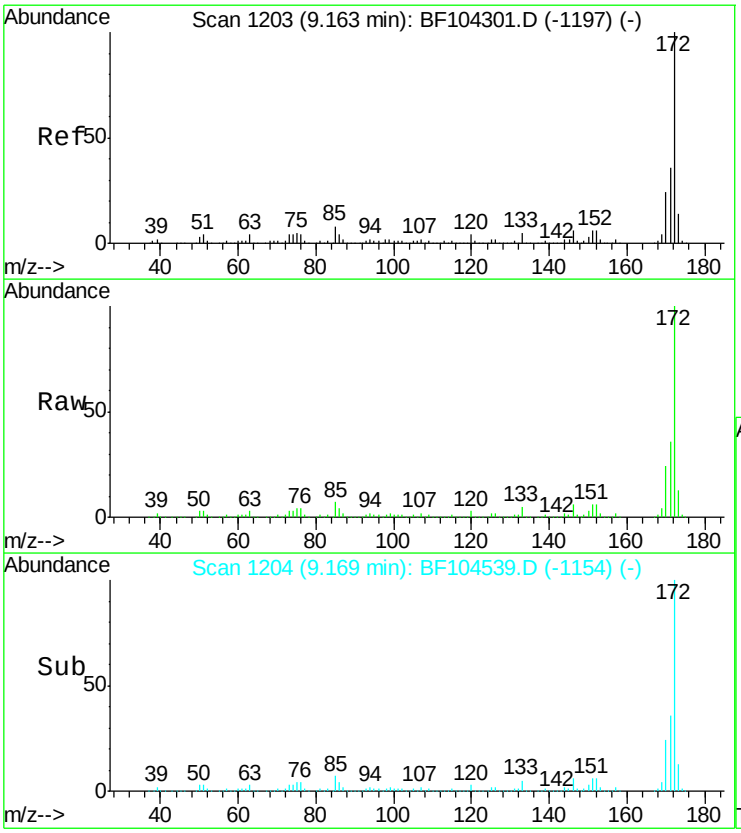
#41
2,4,6-Tribromophenol
Concen: 105.723 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 304956

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.5	29.9	44.9

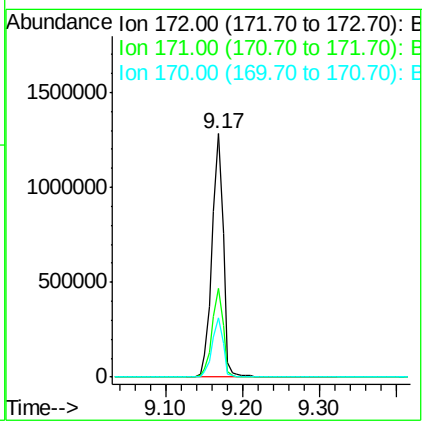


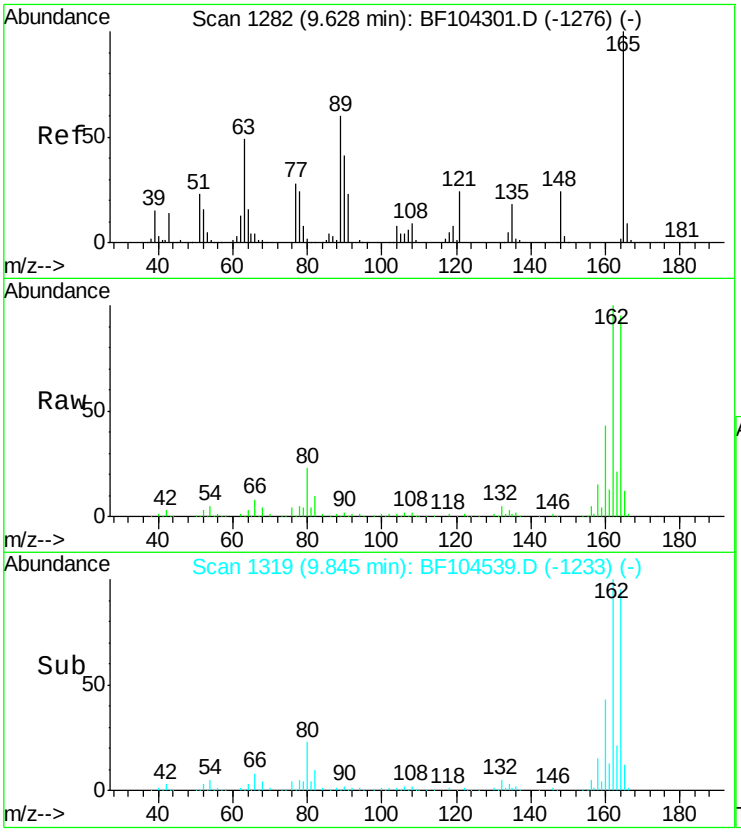


#44
2-Fluorobiphenyl
Concen: 72.241 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Tgt Ion:172 Resp: 1271600

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4



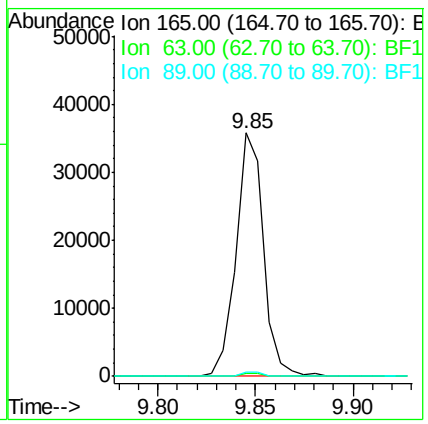


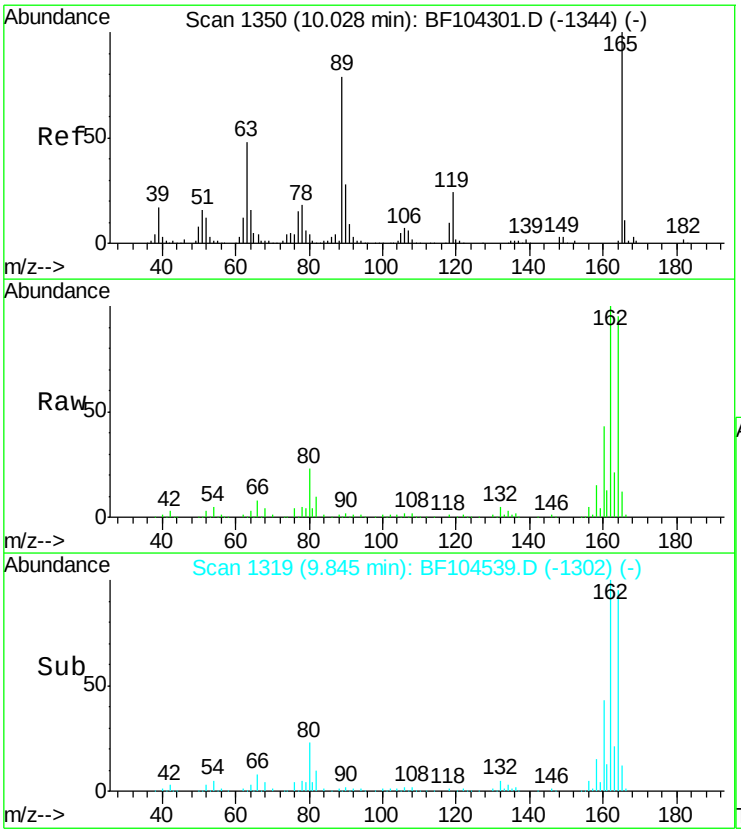
#50
2,6-Dinitrotoluene
Concen: 8.587 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34841

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.7	44.0	66.0#

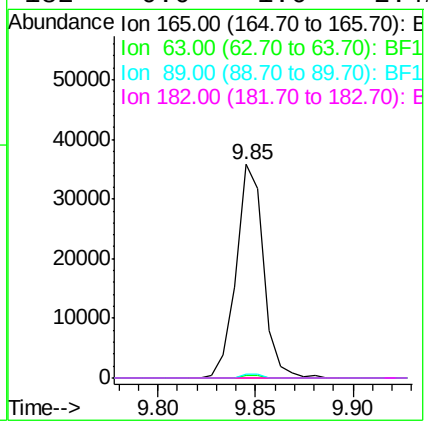


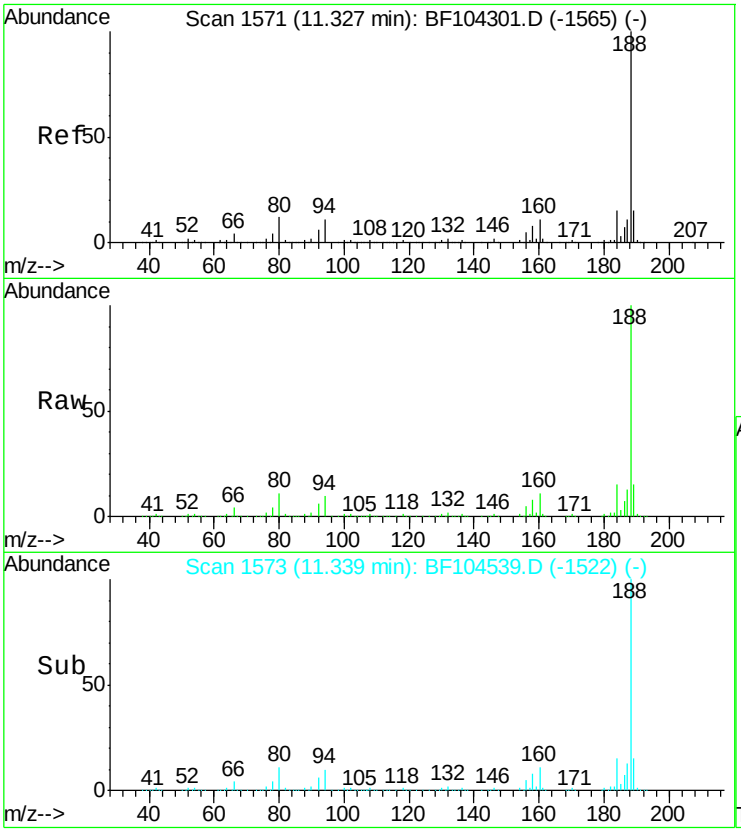


#56
2,4-Dinitrotoluene
Concen: 6.546 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Tgt Ion:165 Resp: 34841

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



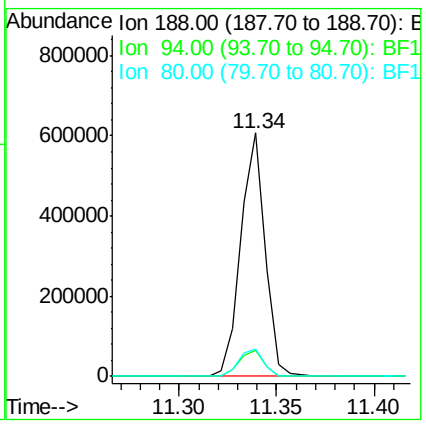


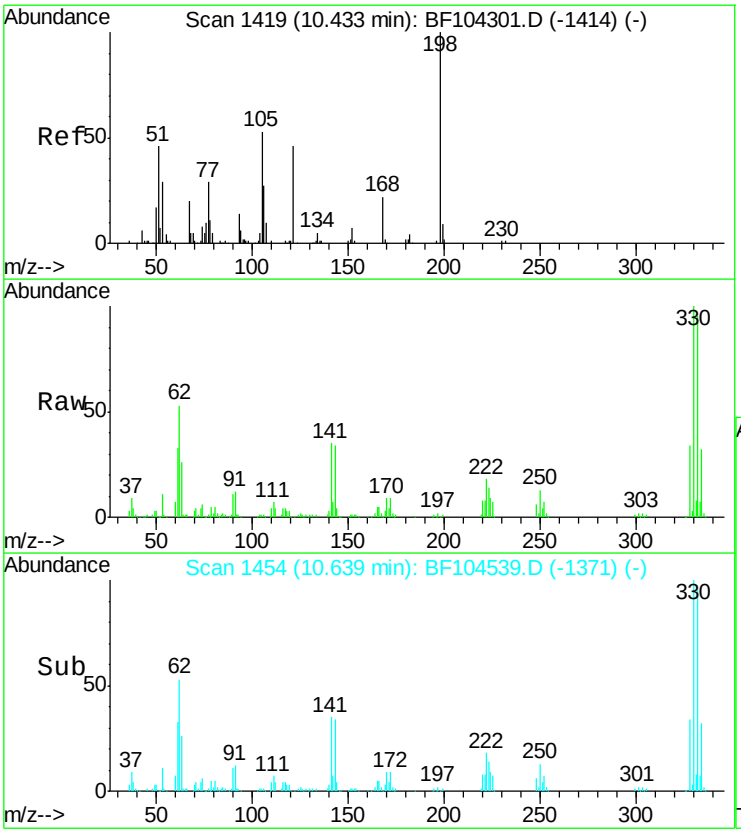
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 523588

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.3	9.2	13.8

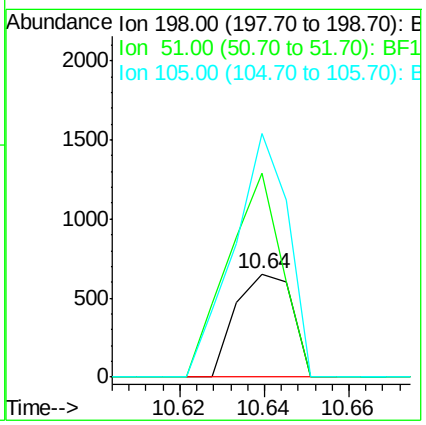


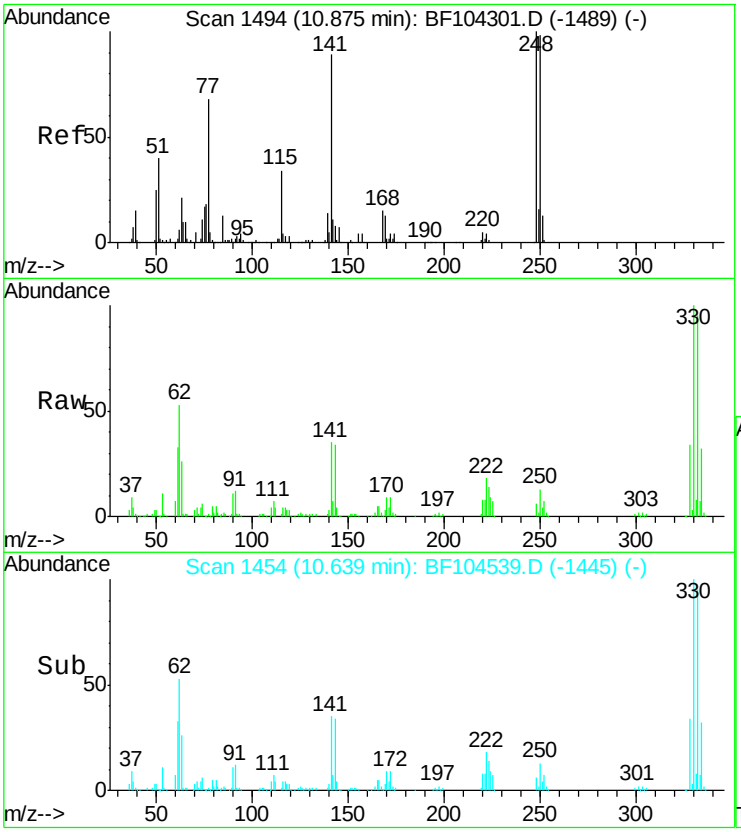


#64
4,6-Dinitro-2-methylphenol
Concen: 7.550 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Tgt Ion:198 Resp: 612

Ion	Ratio	Lower	Upper
198	100		
51	197.6	37.7	77.7#
105	235.5	36.3	76.3#



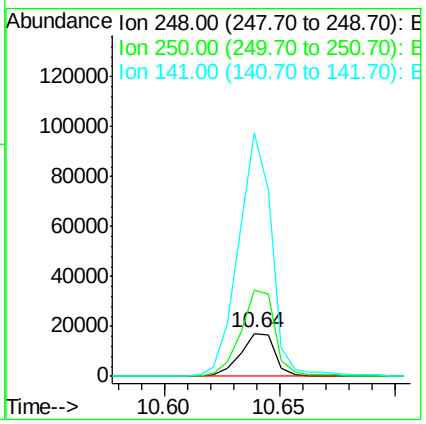


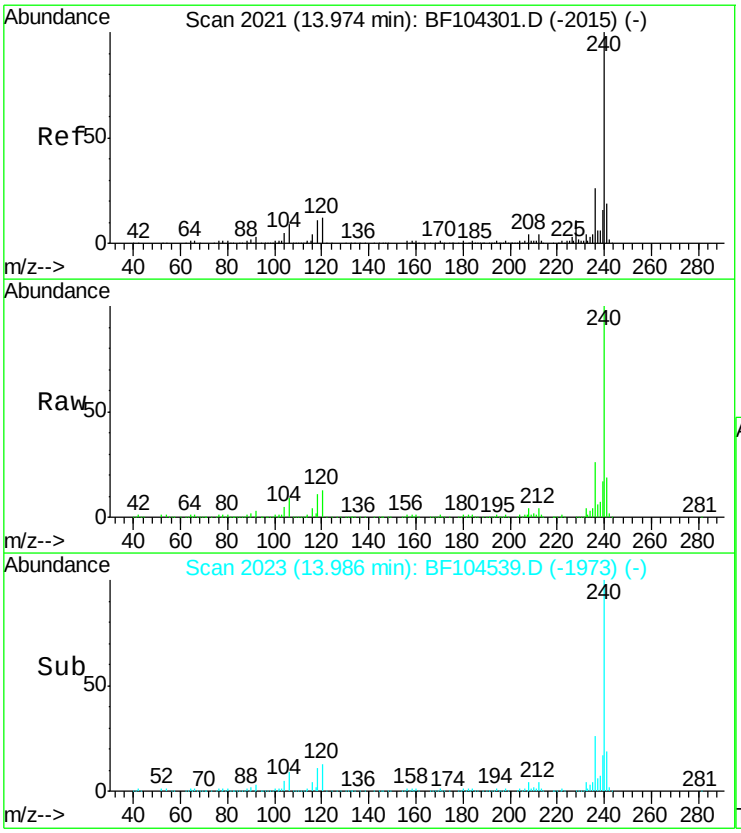
#66
4-Bromophenyl-phenylether
Concen: 3.222 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17943

Ion	Ratio	Lower	Upper
248	100		
250	202.2	76.9	115.3#
141	570.7	74.4	111.6#

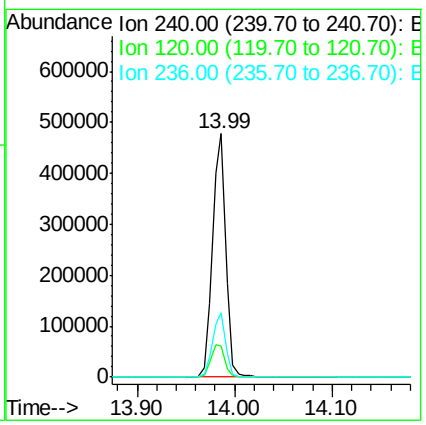


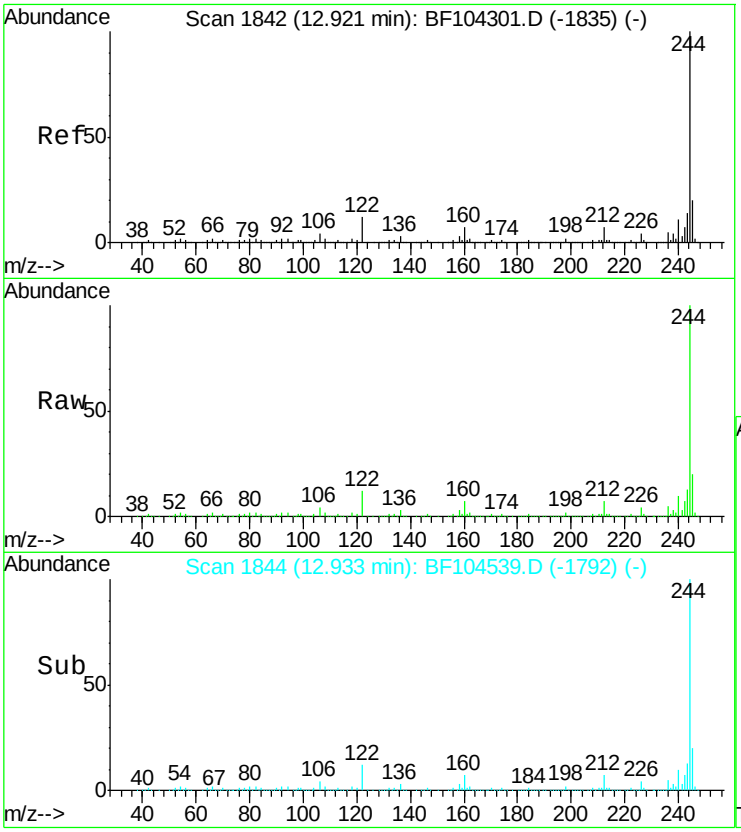


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Tgt Ion:240 Resp: 449226

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.2	20.7	31.1



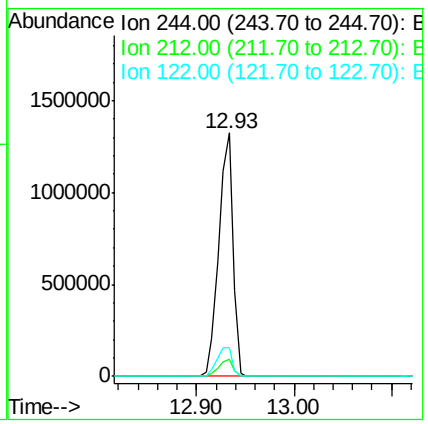


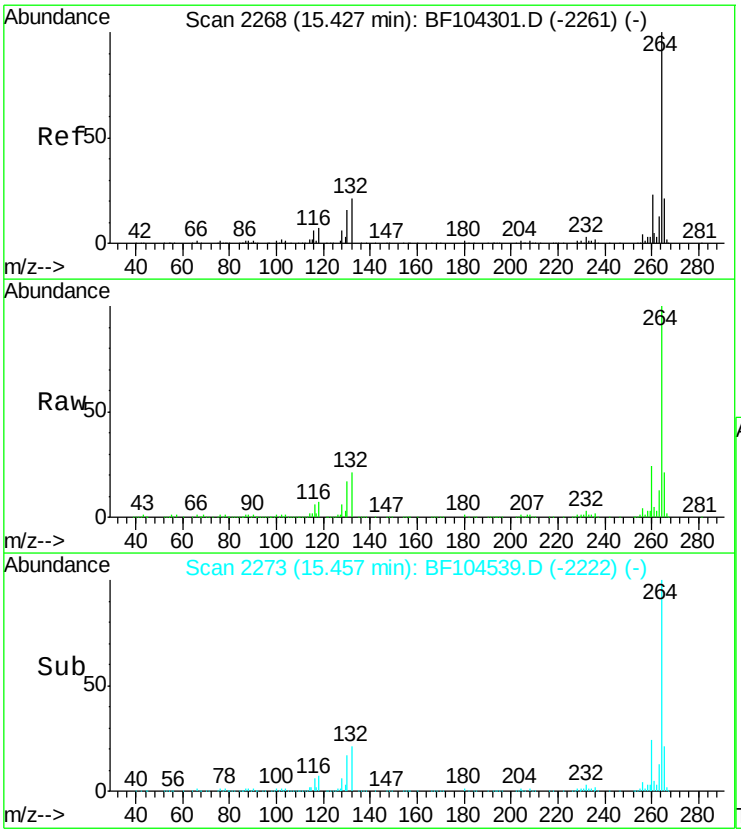
#78
Terphenyl-d14
Concen: 68.254 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1344908

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# 2273
Delta R.T. -0.00 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Tgt Ion:264 Resp: 365696

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3