Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104532.D
Acq On : 16 Apr 2018 14:19
Operator : JU/SJ
Sample : J2360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 16 14:53:59 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	182913	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	743567	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	324673	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	485902	20.00	ng		0.00
75) Chrysene-d12	13.99	240	347173	20.00	ng		0.00
86) Perylene-d12	15.46	264	302928	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	999735	83.57	ng		0.01
7) Phenol-d6	6.45	99	1366473	92.97	ng		0.00
23) Nitrobenzene-d5	7.37	82	860244	75.54	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	280624	83.32	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1396881	67.97	ng		0.00
78) Terphenyl-d14	12.93	244	1012394	66.48	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	2610	Below Cal		#	1
10) Phenol	6.46	94	50816	3.258	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	112154	11.677	ng	#	75
25) Isophorone	7.37	82	860228	35.724	ng	#	64
49) Dimethylphthalate	9.56	163	182048	7.110	ng		100
56) 2,4-Dinitrotoluene	9.85	165	40904	6.582	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.65	198	393	7.488	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	16613	3.214	ng	#	1
76) Benzidine	12.93	184	12887	Below Cal		#	96

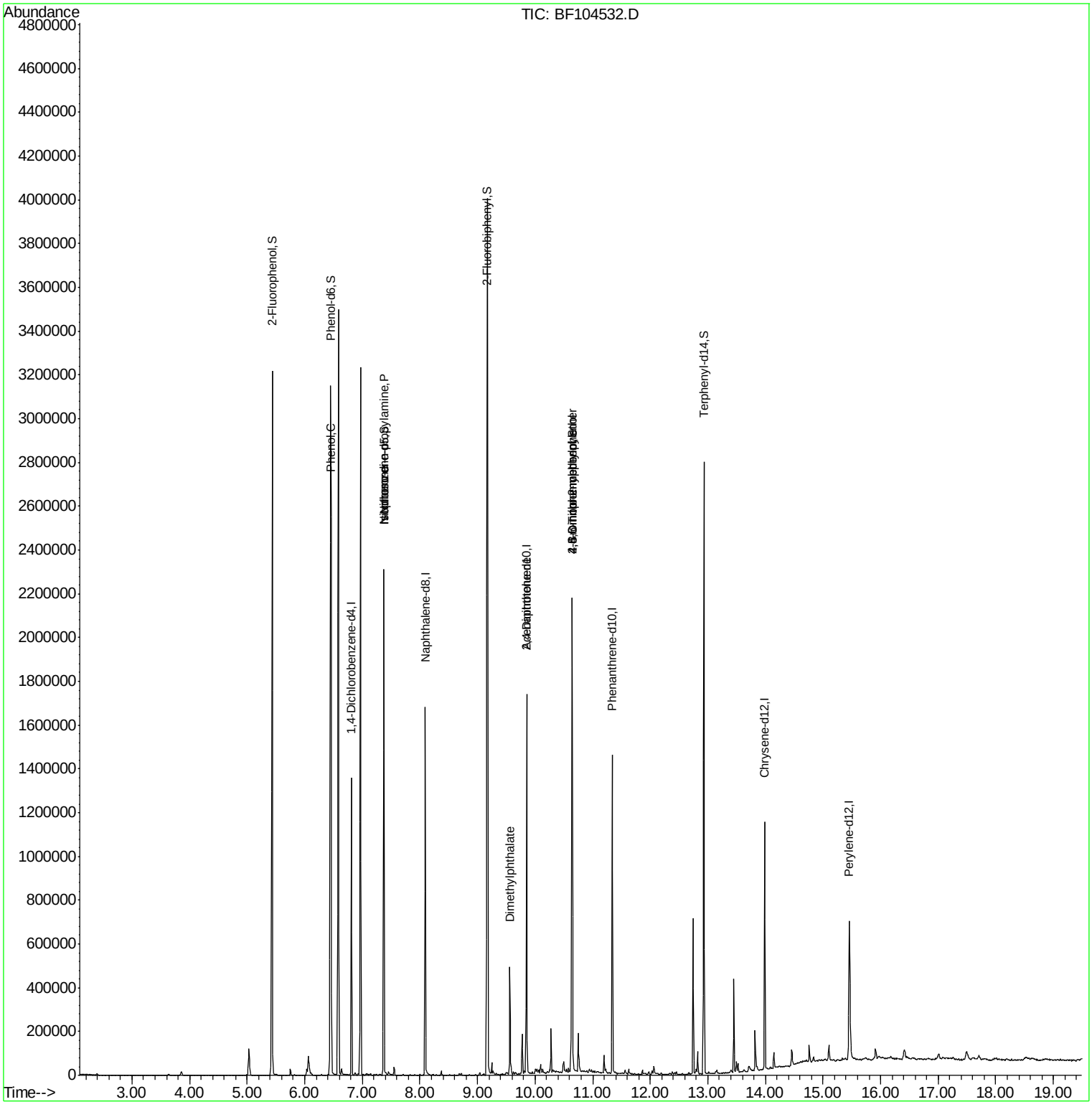
(#) = qualifier out of range (m) = manual integration (+) = signals summed

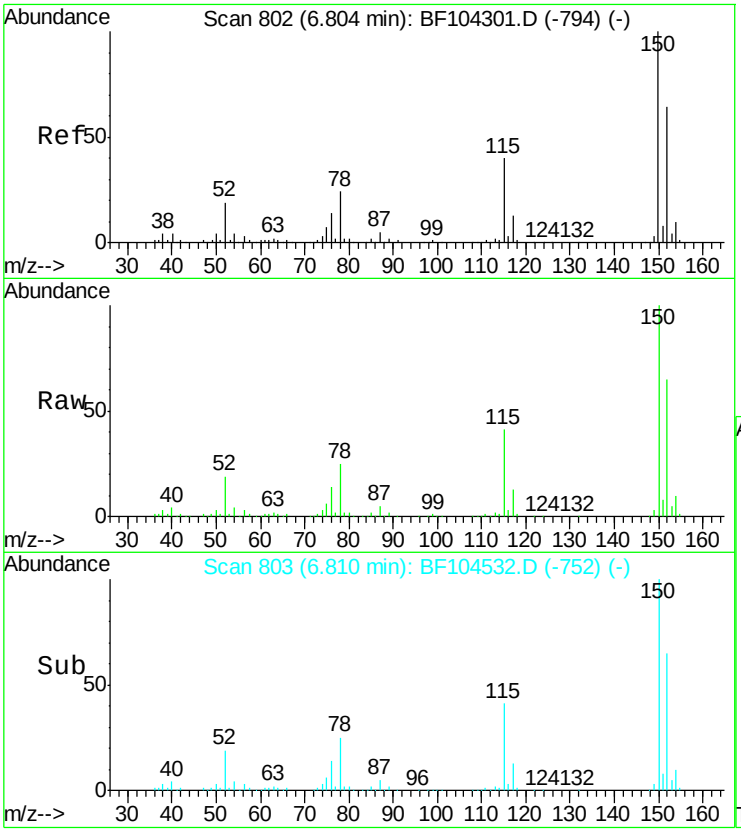
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104532.D
Acq On : 16 Apr 2018 14:19
Operator : JU/SJ
Sample : J2360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 16 14:53:59 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



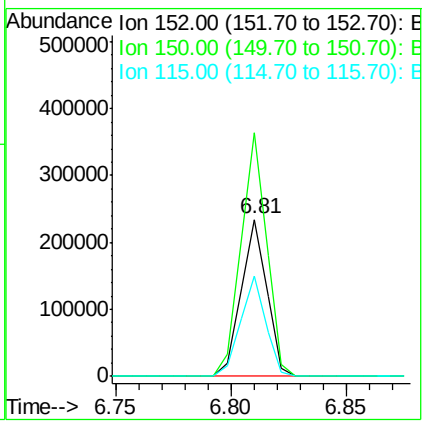


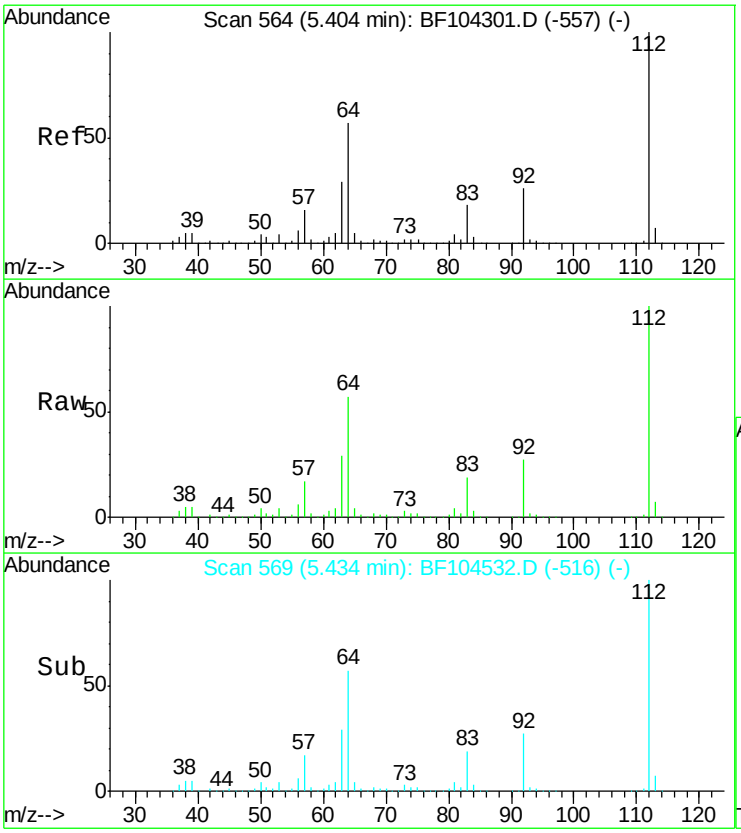
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 182913

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	63.5	50.1	75.1

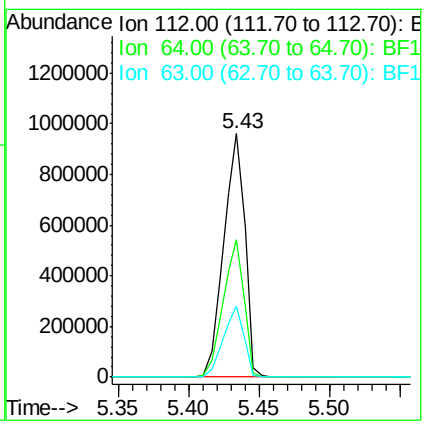


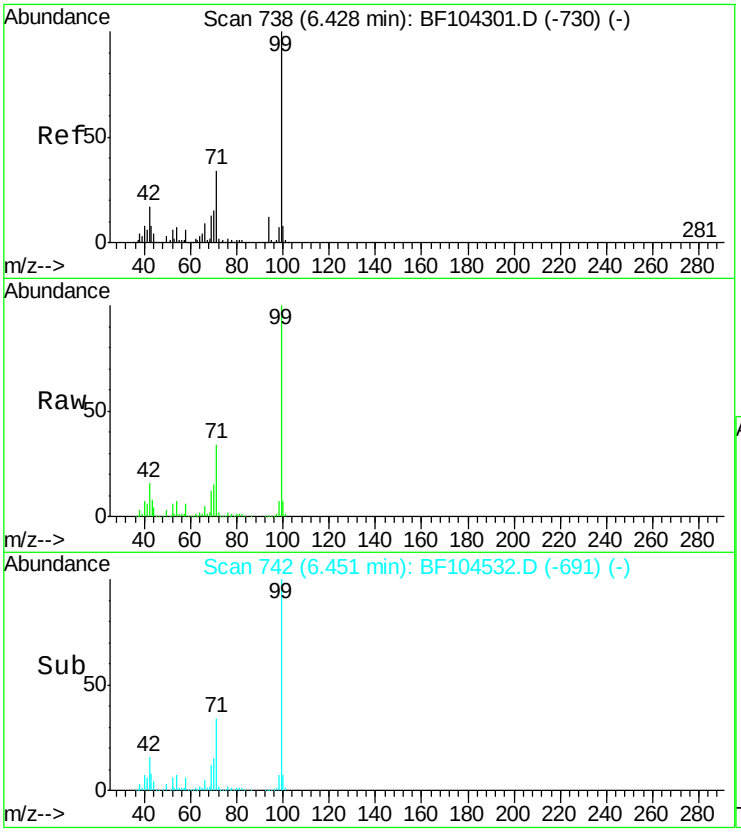


#5
2-Fluorophenol
Concen: 83.573 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion:112 Resp: 999735

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	29.2	23.7	35.5



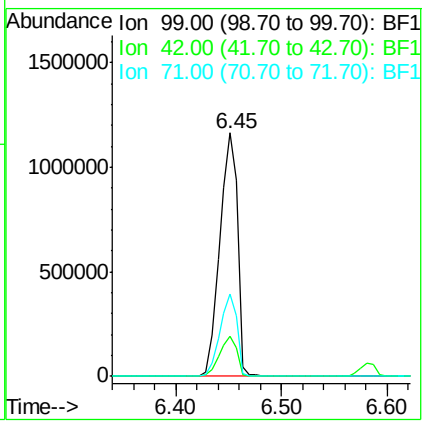


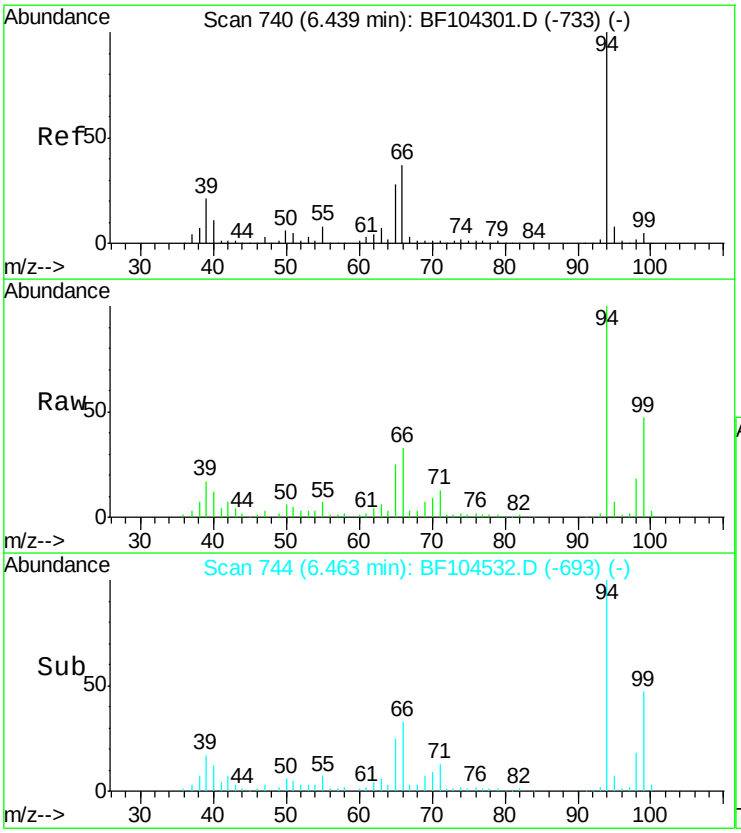
#7
Phenol-d6
Concen: 92.970 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1366473

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	33.9	25.4	38.0

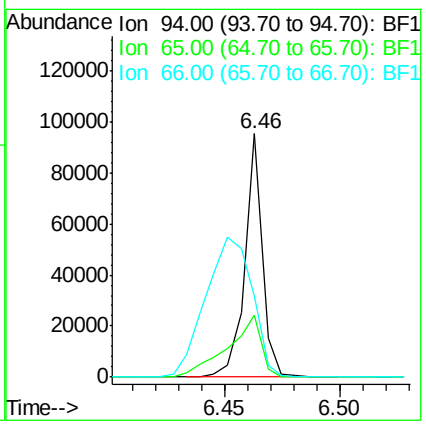


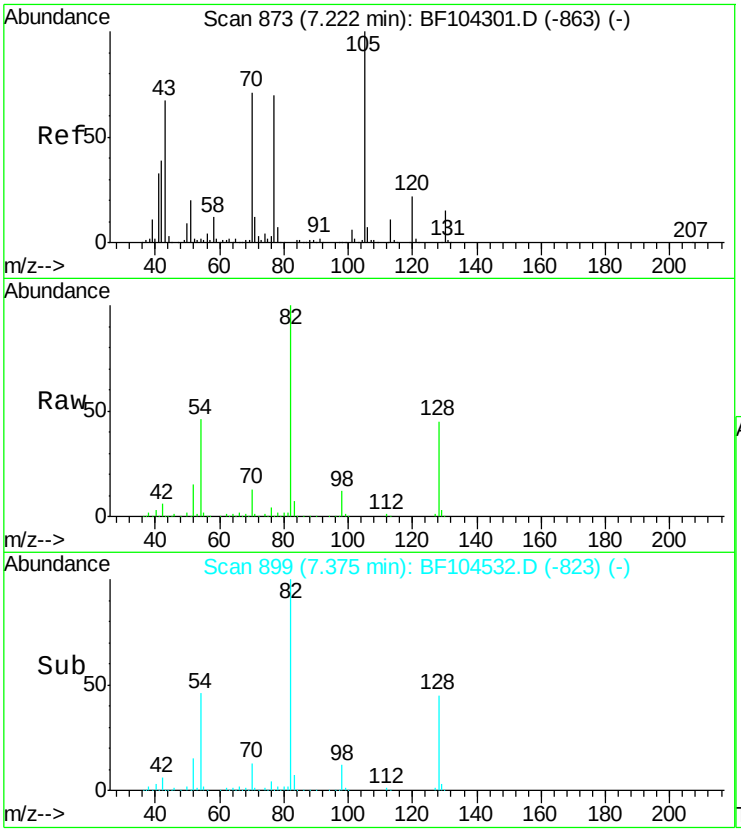


#10
Phenol
Concen: 3.258 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion: 94 Resp: 50816

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	33.3	16.2	56.2



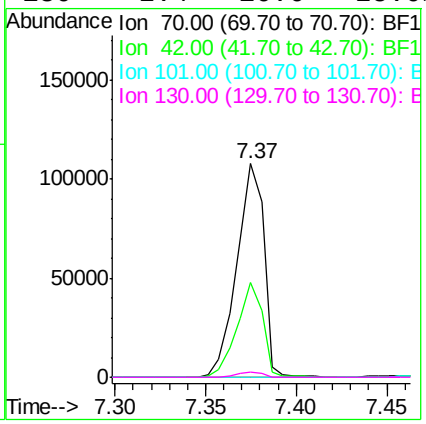


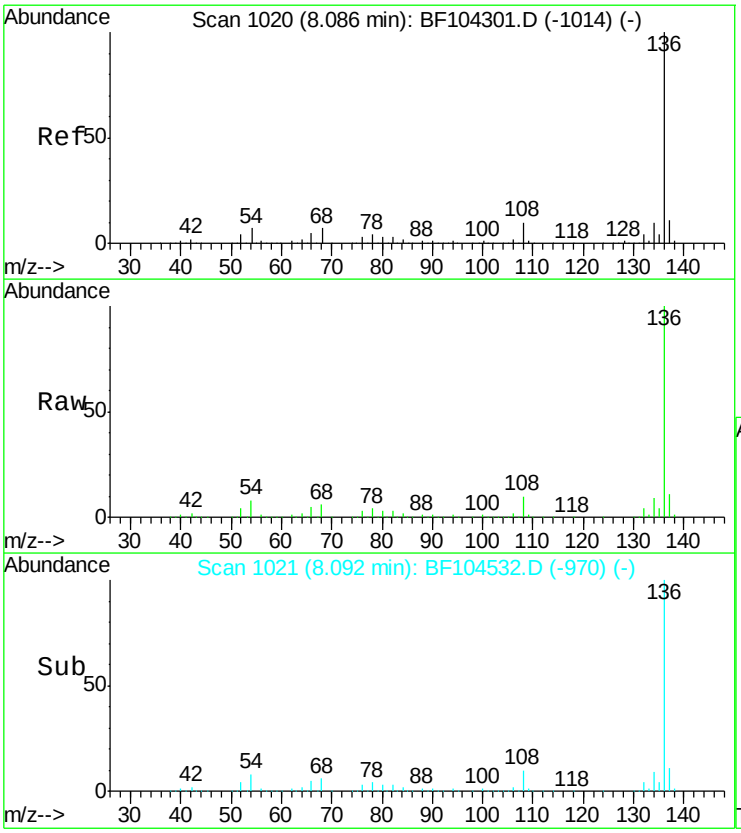
#19
n-Nitroso-di-n-propylamine
Concen: 11.677 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 112154

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

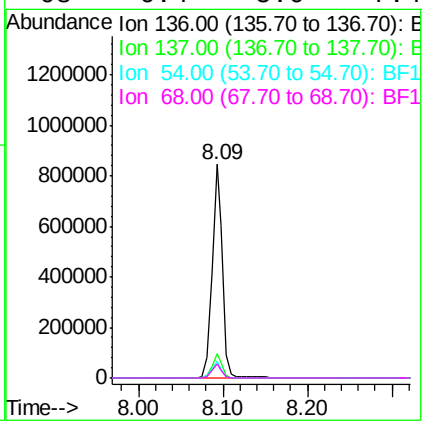


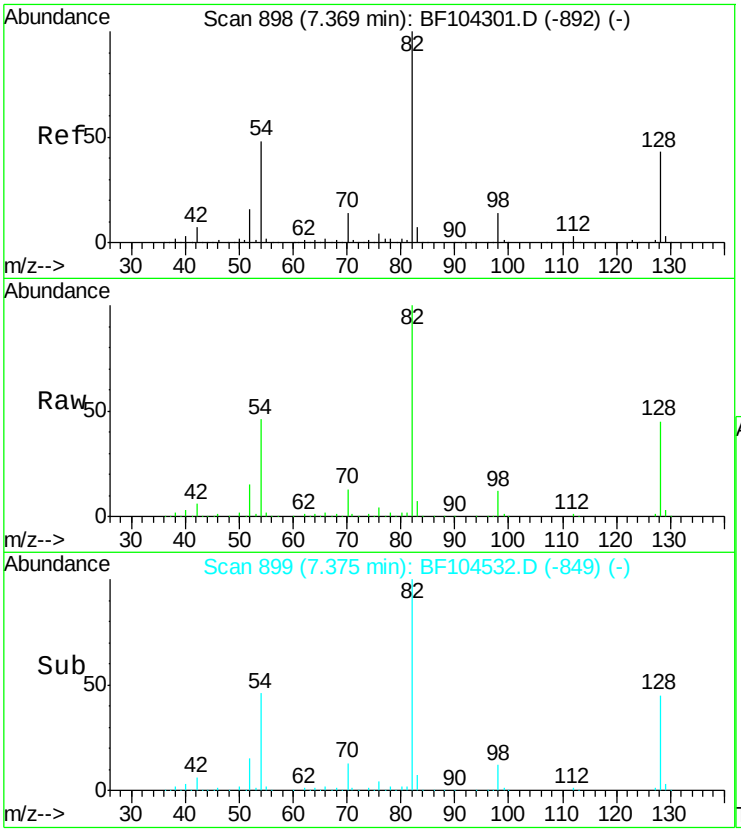


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion:136 Resp: 743567

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.5	6.6	9.8
68	6.4	5.0	7.4



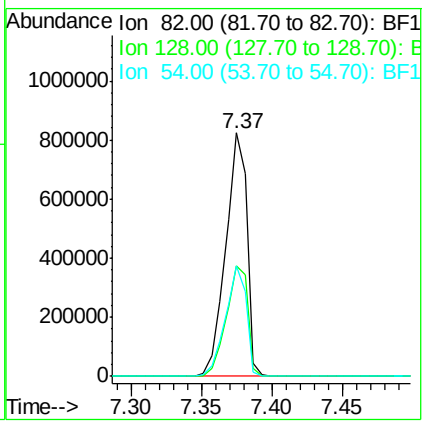


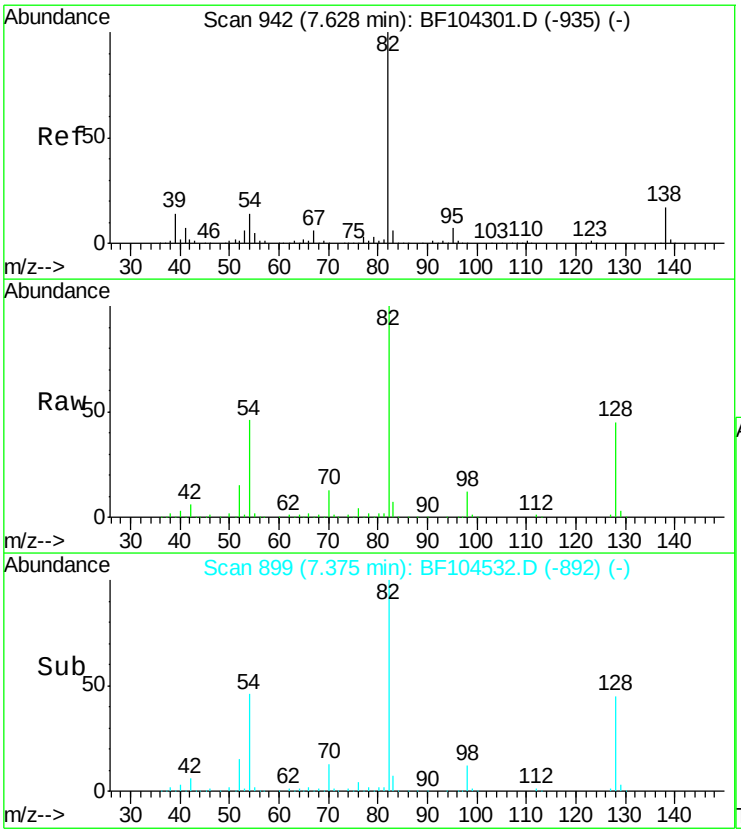
#23
Nitrobenzene-d5
Concen: 75.544 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 860244

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	45.5	41.4	62.2

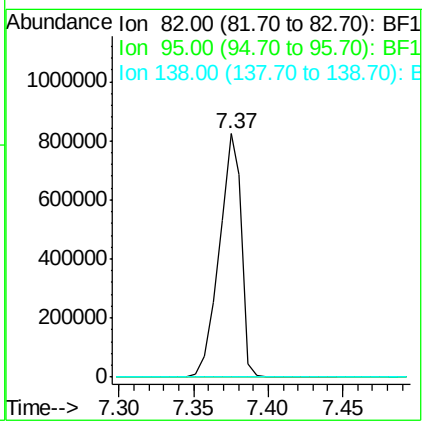


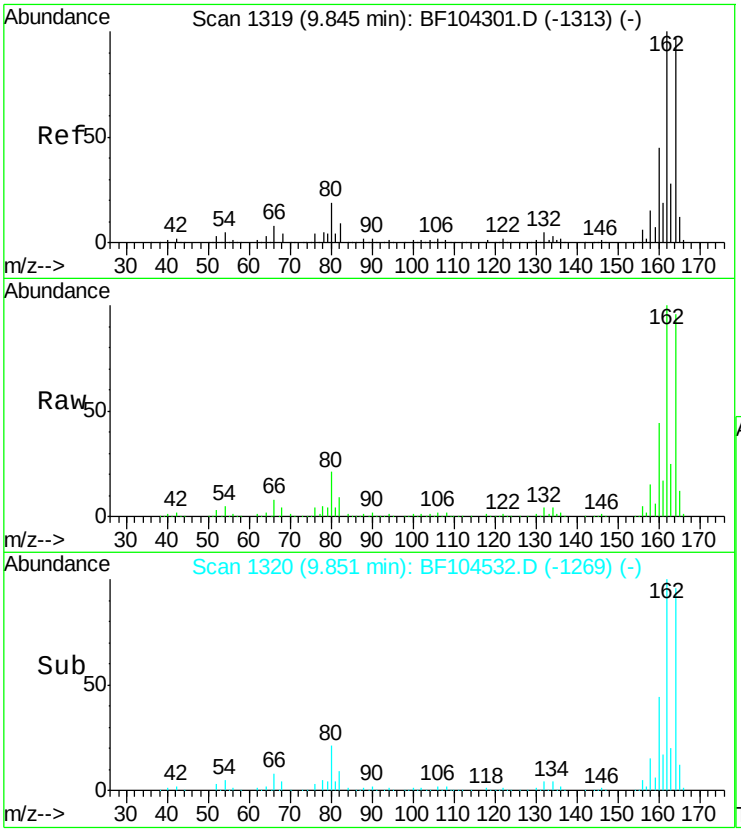


#25
Isophorone
Concen: 35.724 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion: 82 Resp: 860228

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



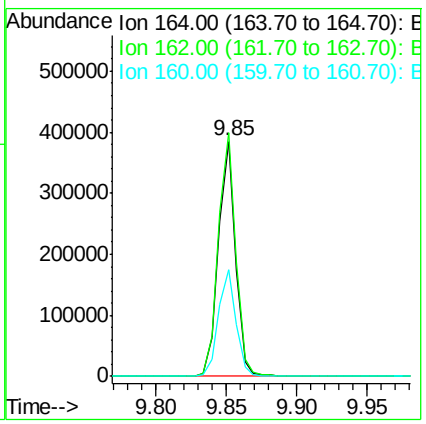


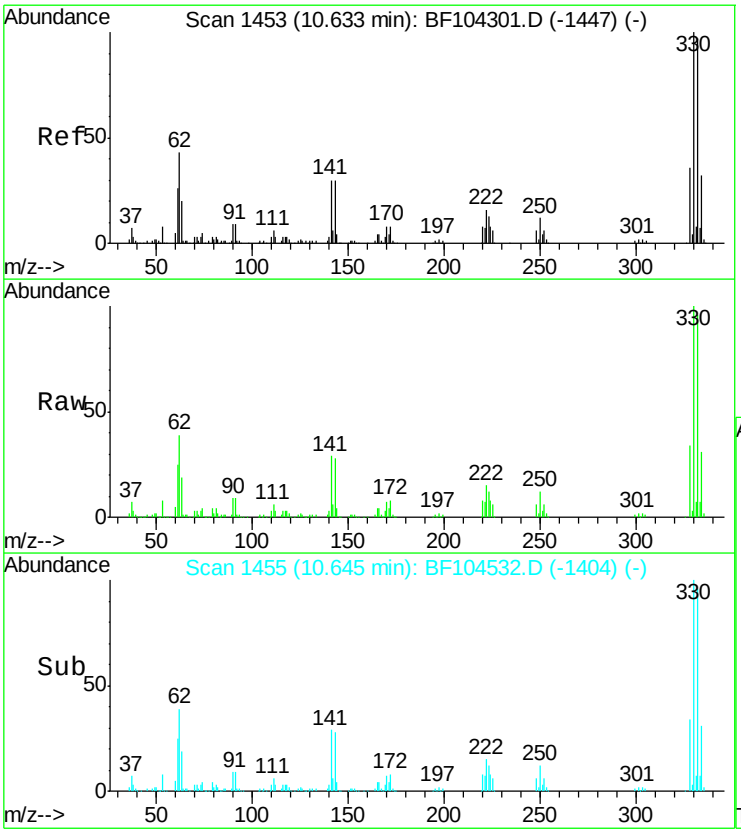
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 324673

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.3	38.3	57.5

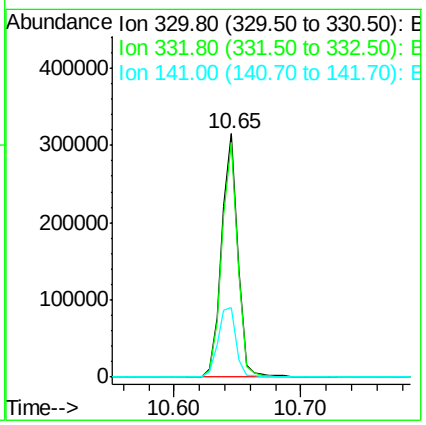


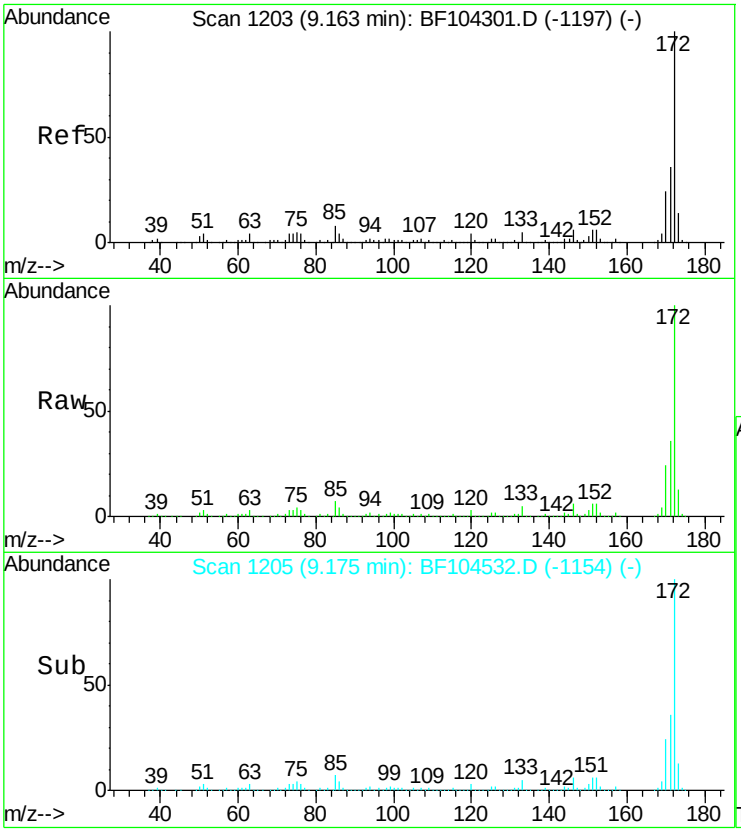


#41
2,4,6-Tribromophenol
Concen: 83.323 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion:330 Resp: 280624

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.5	29.9	44.9



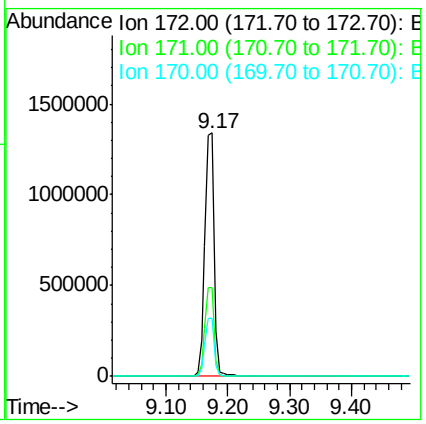


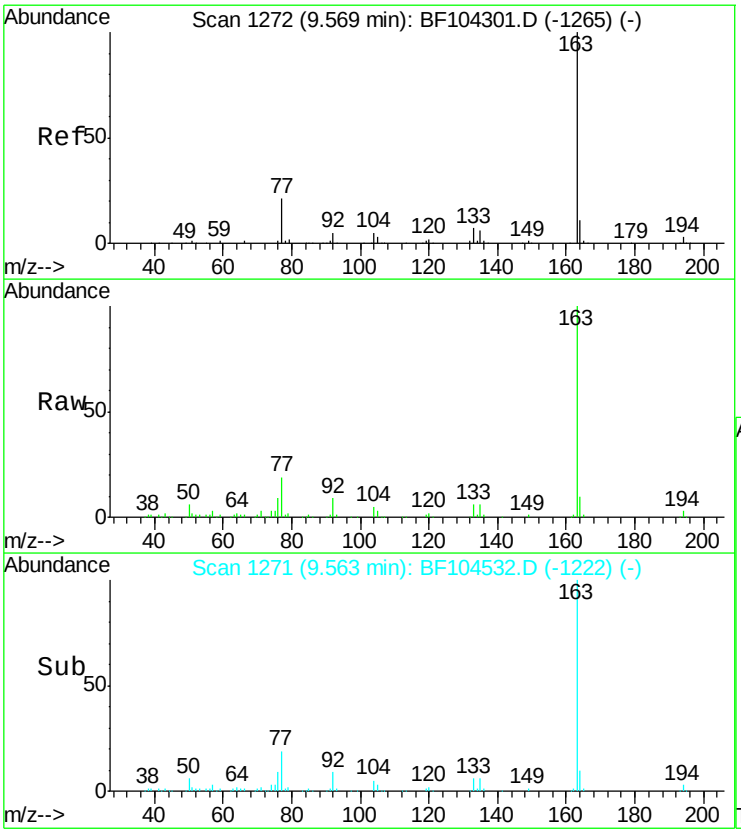
#44
2-Fluorobiphenyl
Concen: 67.968 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1396881

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

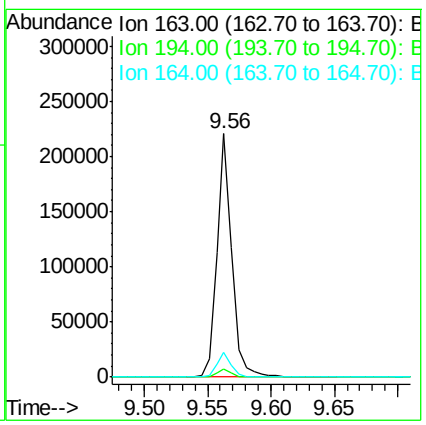


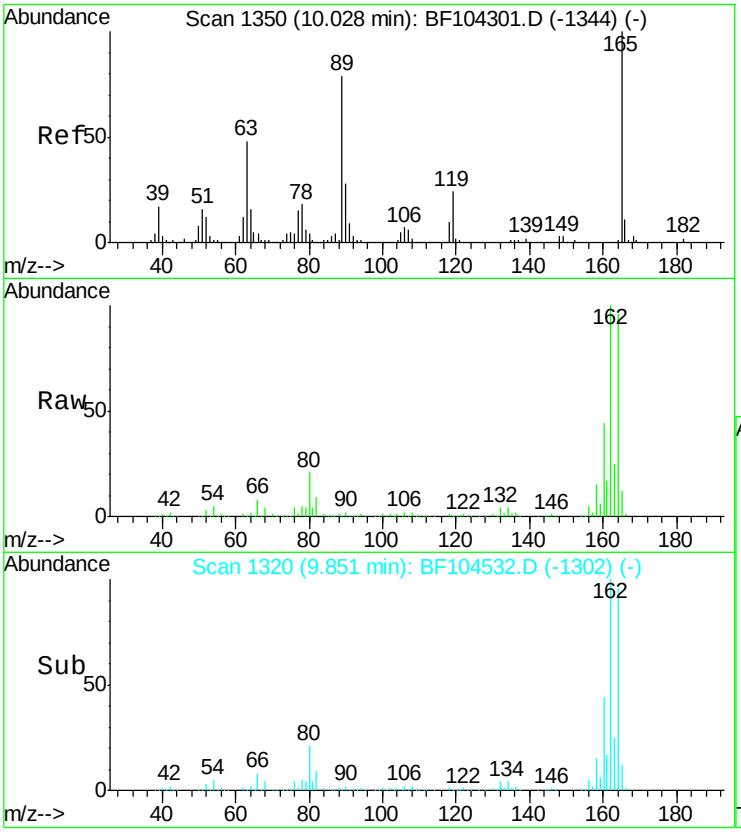


#49
Dimethylphthalate
Concen: 7.110 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion:163 Resp: 182048

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2



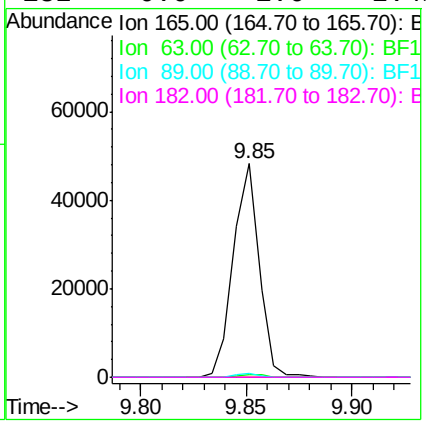


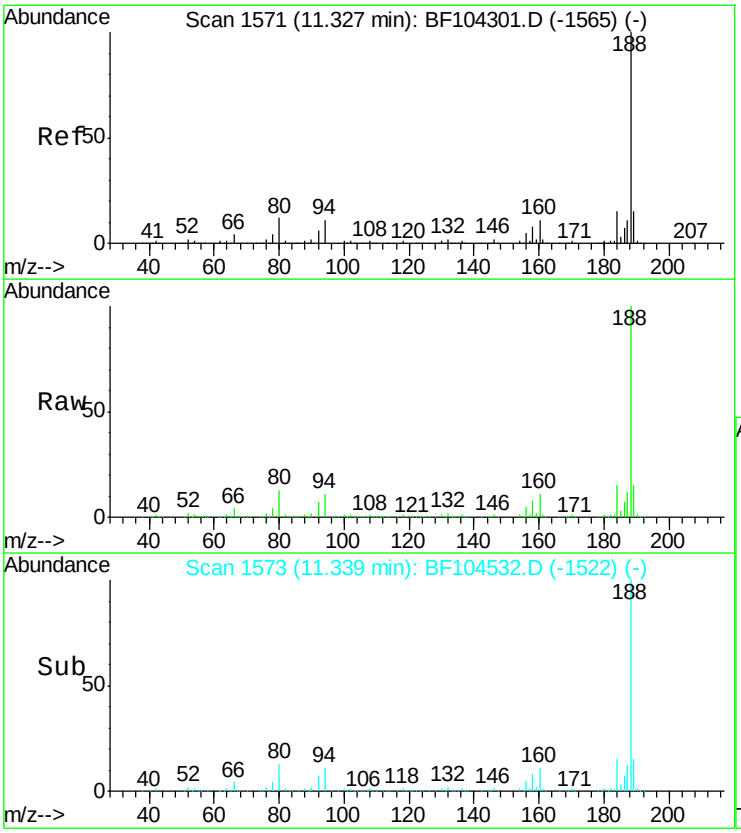
#56
2,4-Dinitrotoluene
Concen: 6.582 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40904

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

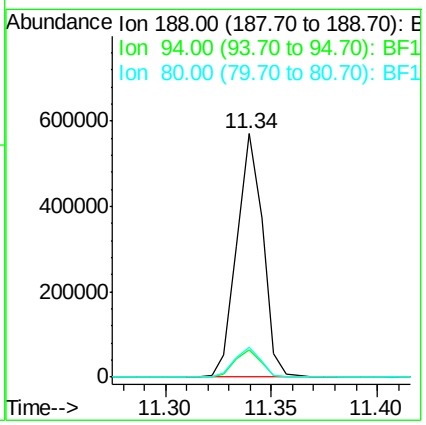


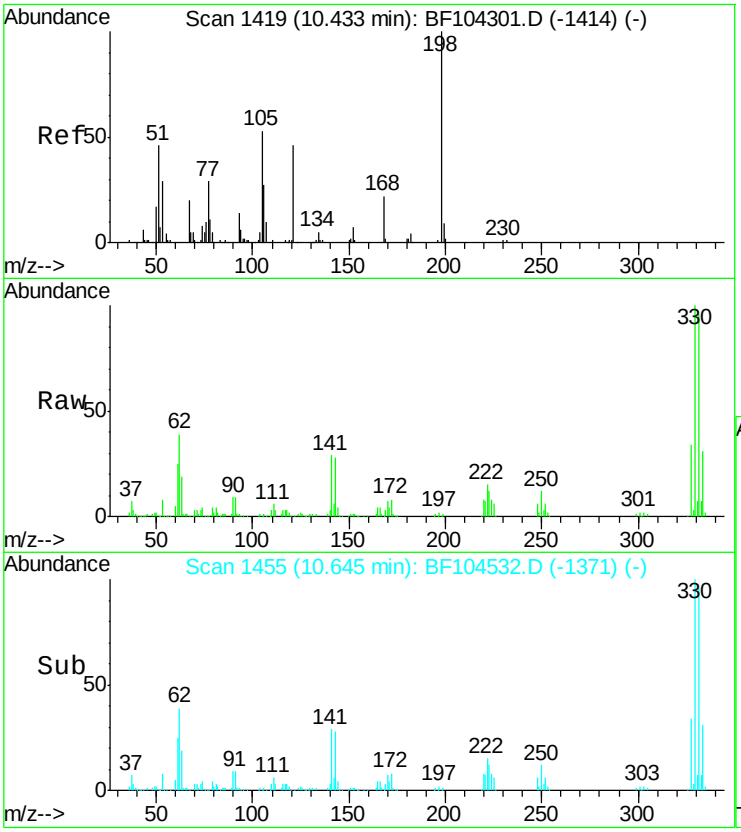


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion:188 Resp: 485902

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.5	9.2	13.8



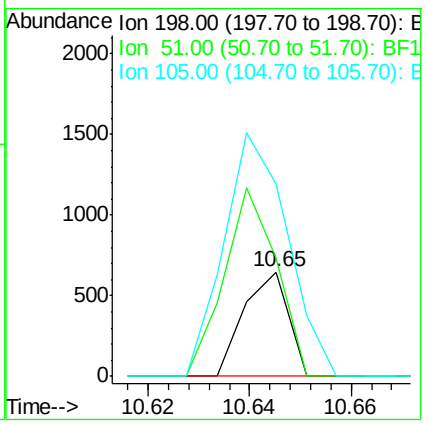


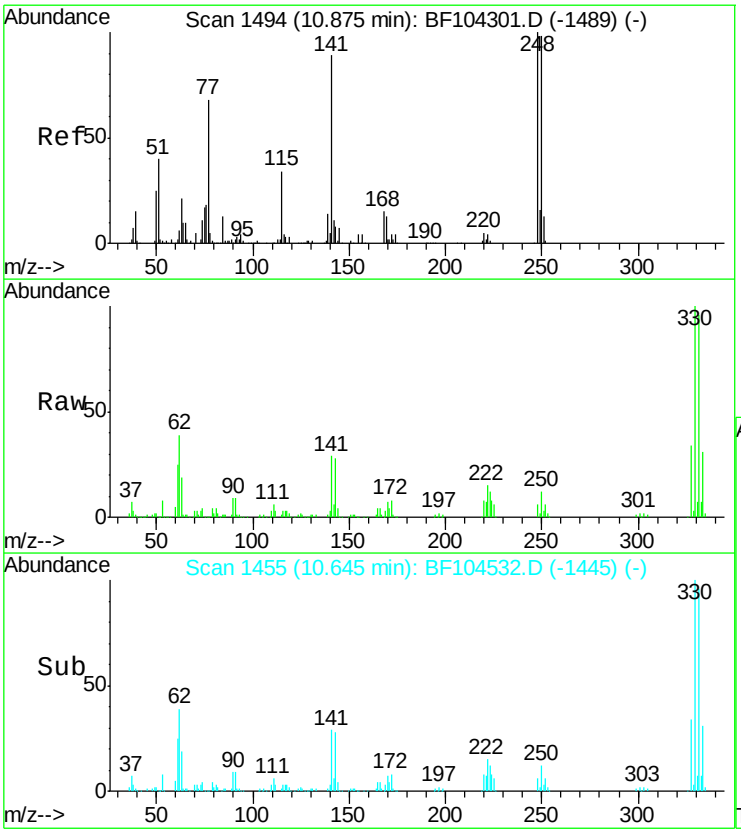
#64
4,6-Dinitro-2-methylphenol
Concen: 7.488 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.19 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 393

Ion	Ratio	Lower	Upper
198	100		
51	113.6	37.7	77.7#
105	184.7	36.3	76.3#

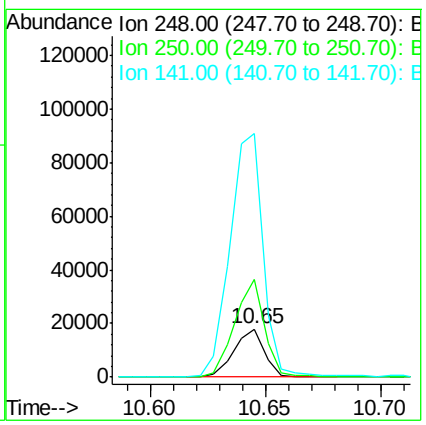


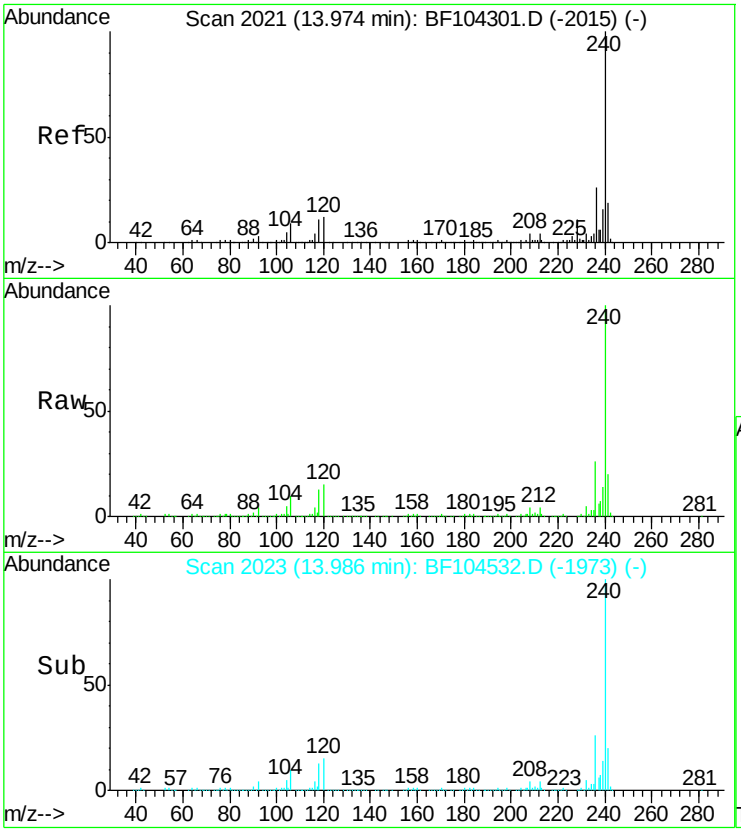


#66
4-Bromophenyl-phenylether
Concen: 3.214 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion:248 Resp: 16613

Ion	Ratio	Lower	Upper
248	100		
250	202.7	76.9	115.3#
141	507.7	74.4	111.6#



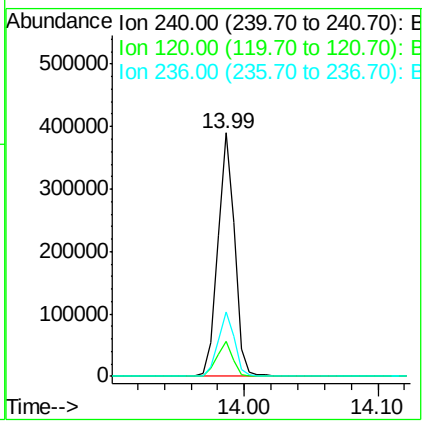


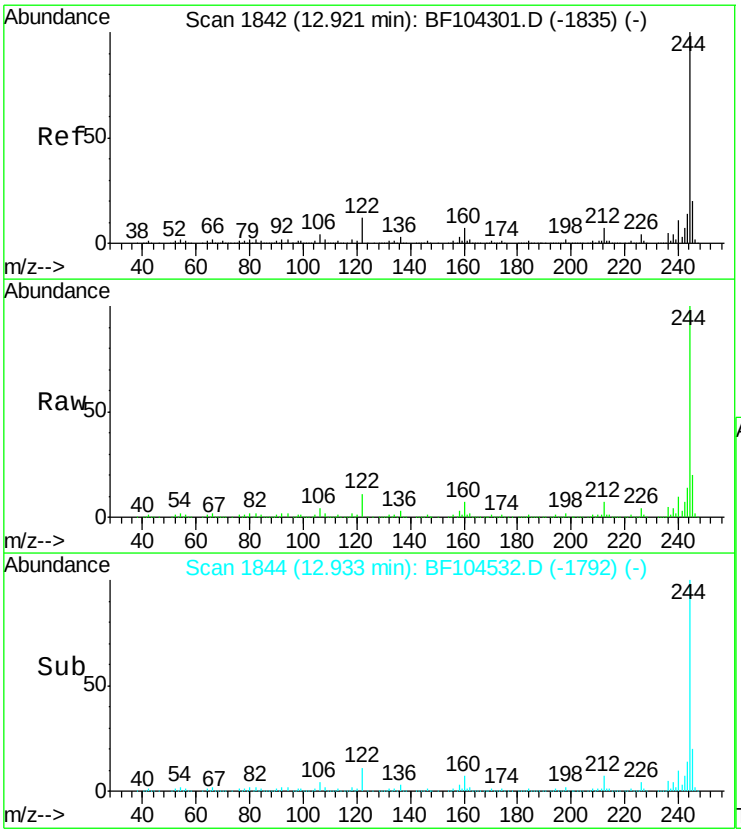
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 347173

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	26.3	20.7	31.1

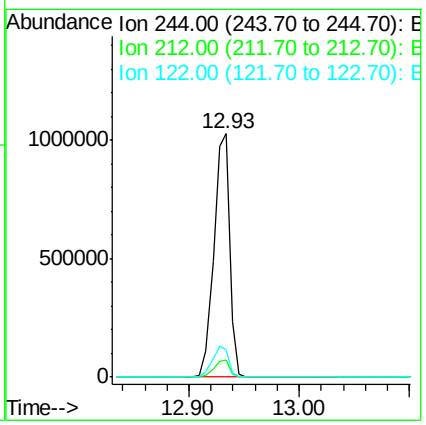


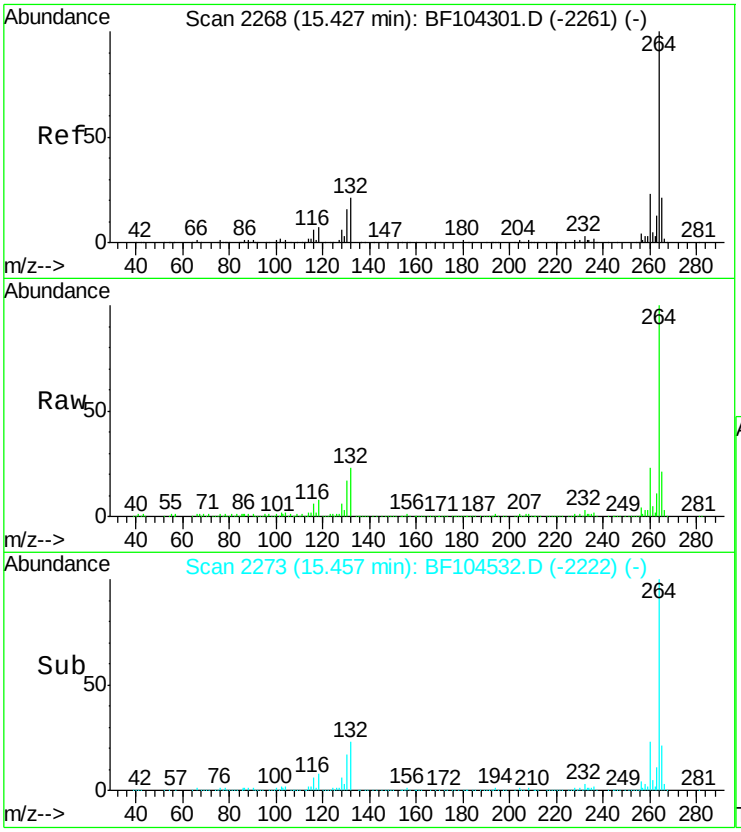


#78
Terphenyl-d14
Concen: 66.482 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion:244 Resp: 1012394

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: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 302928

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3