Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104465.D
Acq On : 12 Apr 2018 21:37
Operator : JU/SJ
Sample : J2337-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 00:17:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	107066	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	398732	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	149532	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	238419	20.00	ng		0.00
75) Chrysene-d12	13.99	240	205014	20.00	ng		0.00
86) Perylene-d12	15.46	264	143905	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	874412	124.88	ng		0.02
7) Phenol-d6	6.45	99	981414	114.07	ng		0.00
23) Nitrobenzene-d5	7.38	82	690818	113.13	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	206174	132.92	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1136203	120.04	ng		0.00
78) Terphenyl-d14	12.93	244	973667	108.28	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	20203	2.314	ng		82
19) n-Nitroso-di-n-propylamine	7.38	70	91765	16.323	ng	#	72
25) Isophorone	7.38	82	690811	53.499	ng	#	64
50) 2,6-Dinitrotoluene	9.85	165	18855	8.641	ng	#	25
56) 2,4-Dinitrotoluene	9.85	165	18855	6.588	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.64	198	531	7.734	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	12927	5.097	ng	#	1
76) Benzidine	12.93	184	13002	Below Cal			98

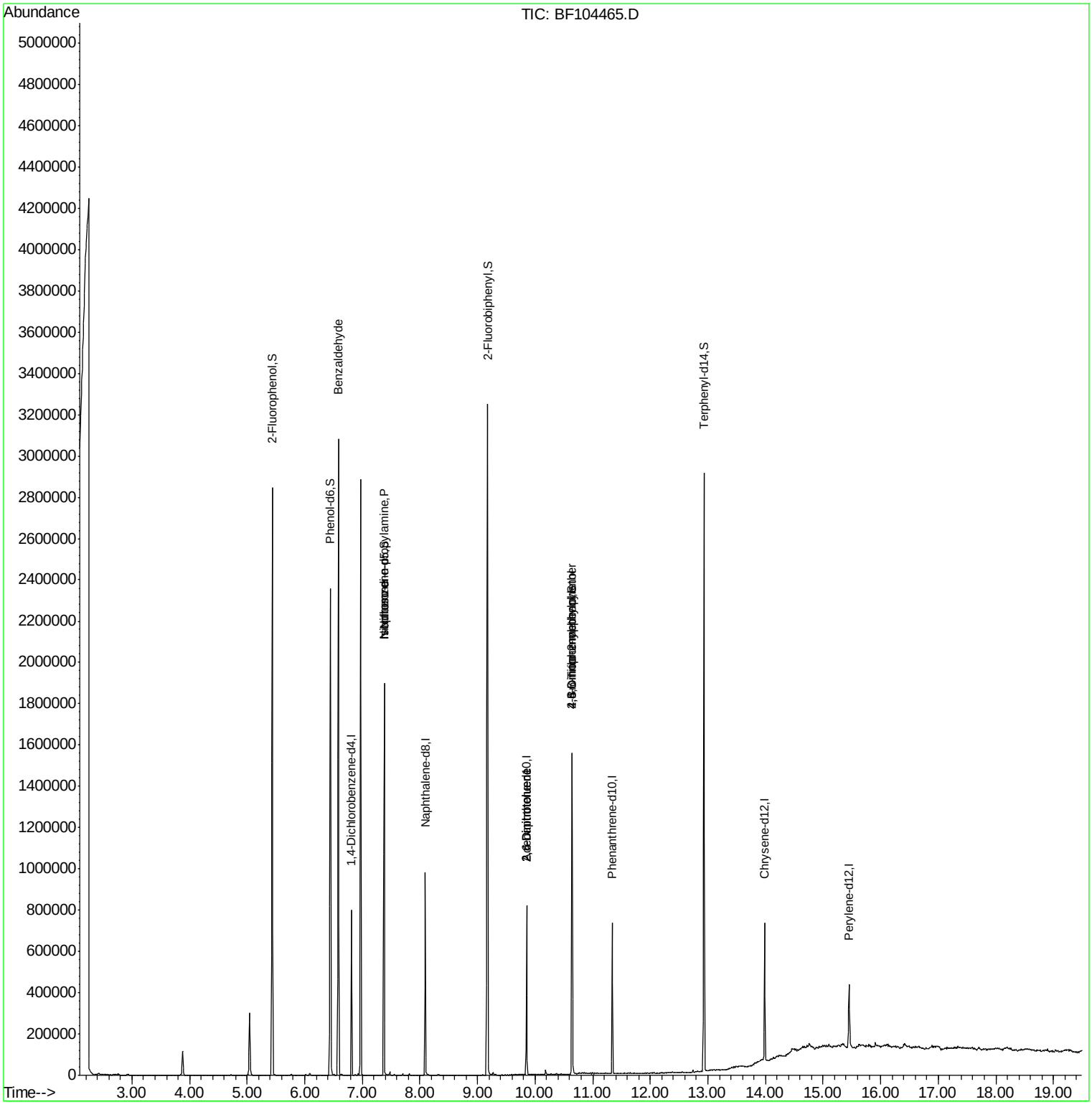
(#) = qualifier out of range (m) = manual integration (+) = signals summed

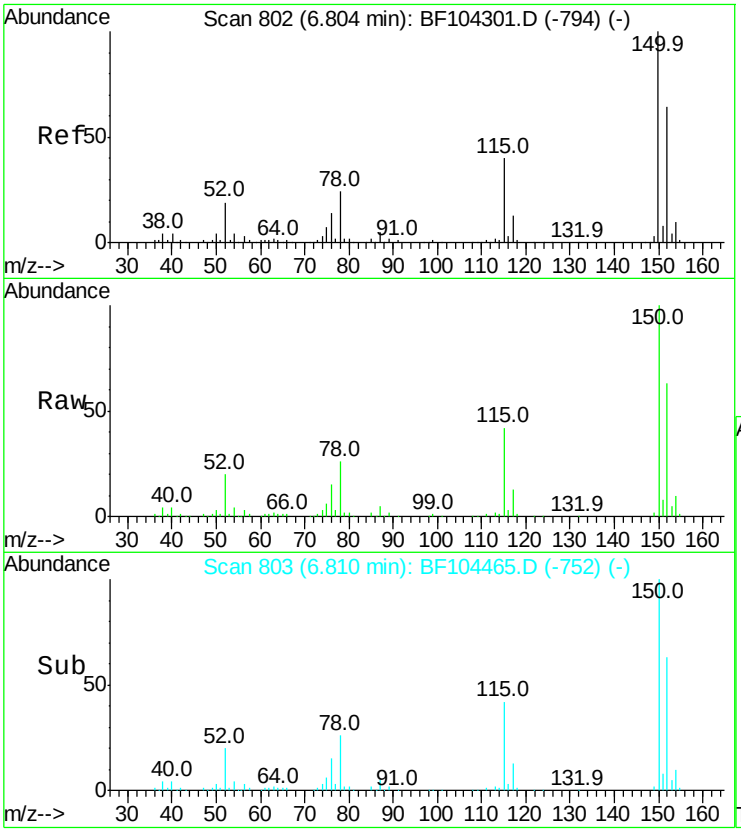
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104465.D
Acq On : 12 Apr 2018 21:37
Operator : JU/SJ
Sample : J2337-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 13 00:17:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration



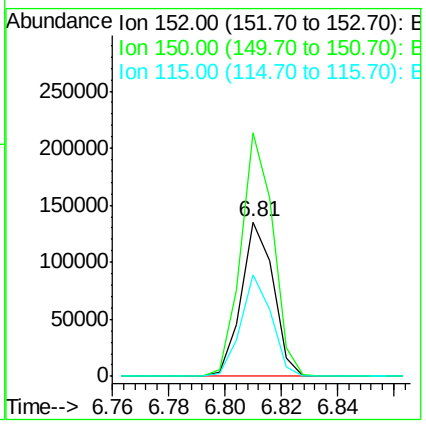


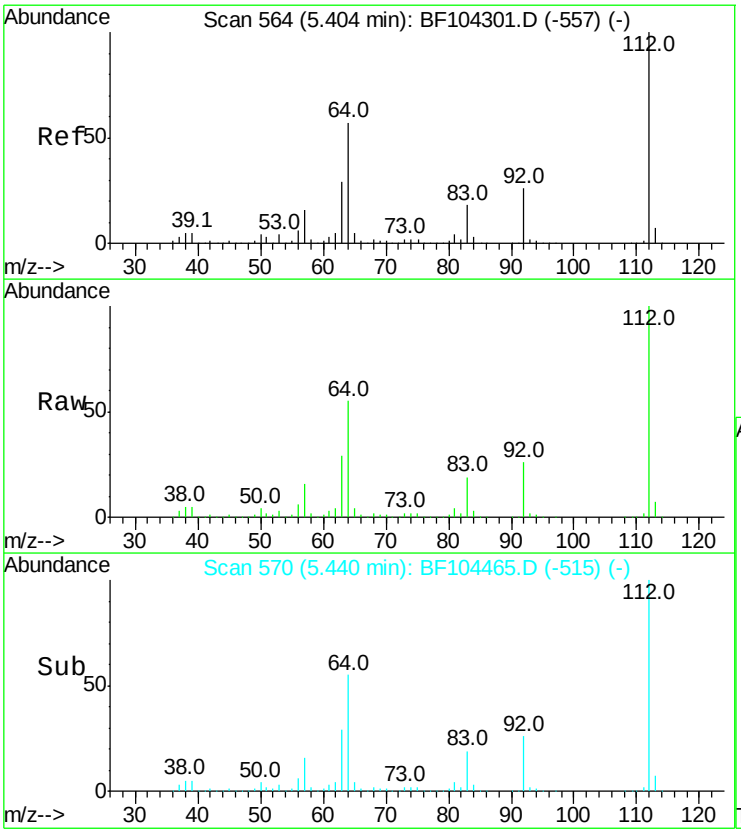
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107066

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	65.4	50.1	75.1

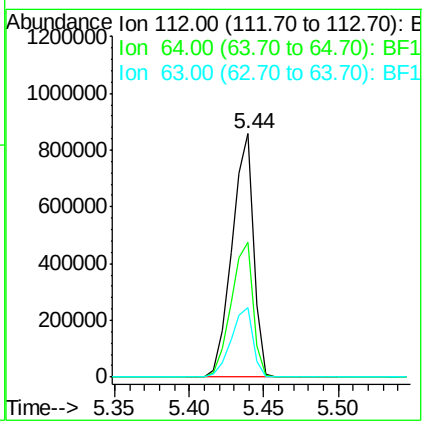


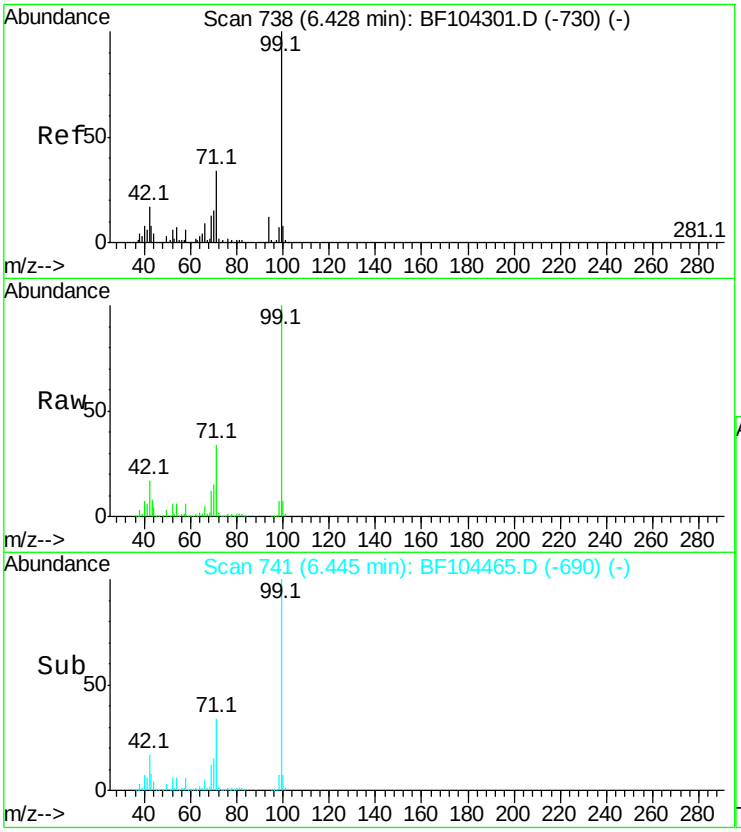


#5
2-Fluorophenol
Concen: 124.879 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion:112 Resp: 874412

Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	28.6	23.7	35.5



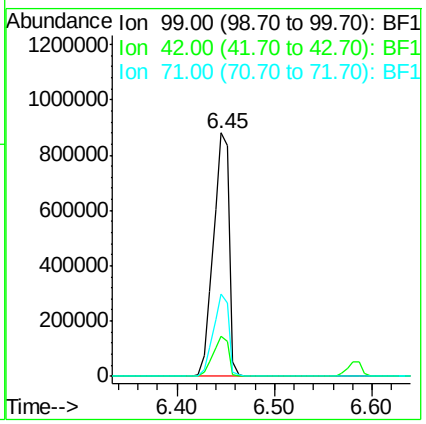


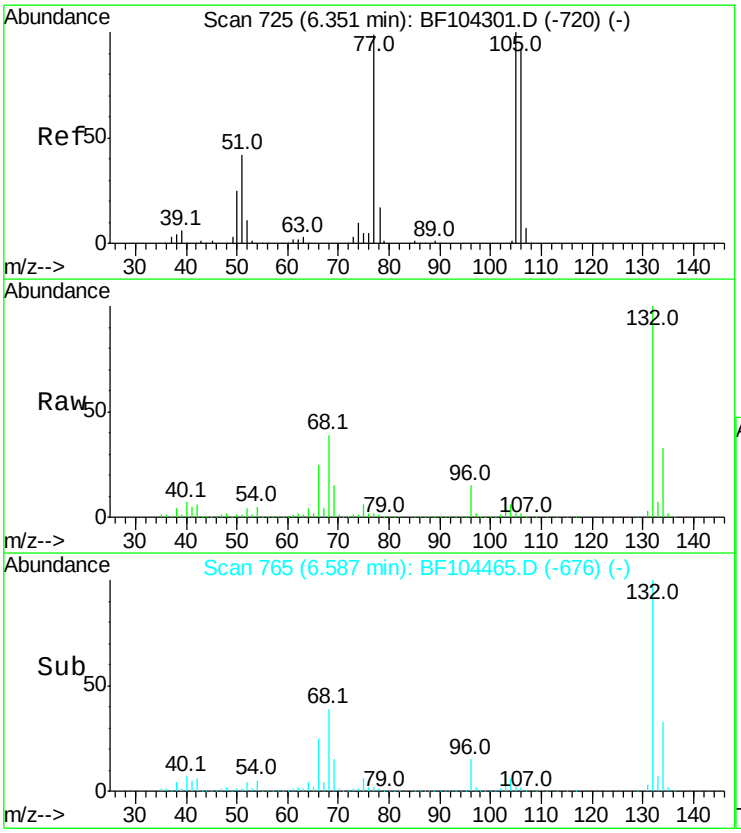
#7
Phenol-d6
Concen: 114.074 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 981414

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	34.0	25.4	38.0

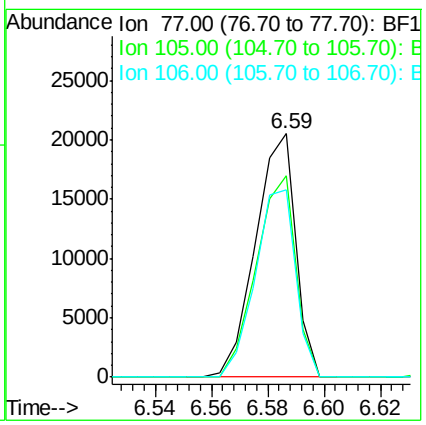


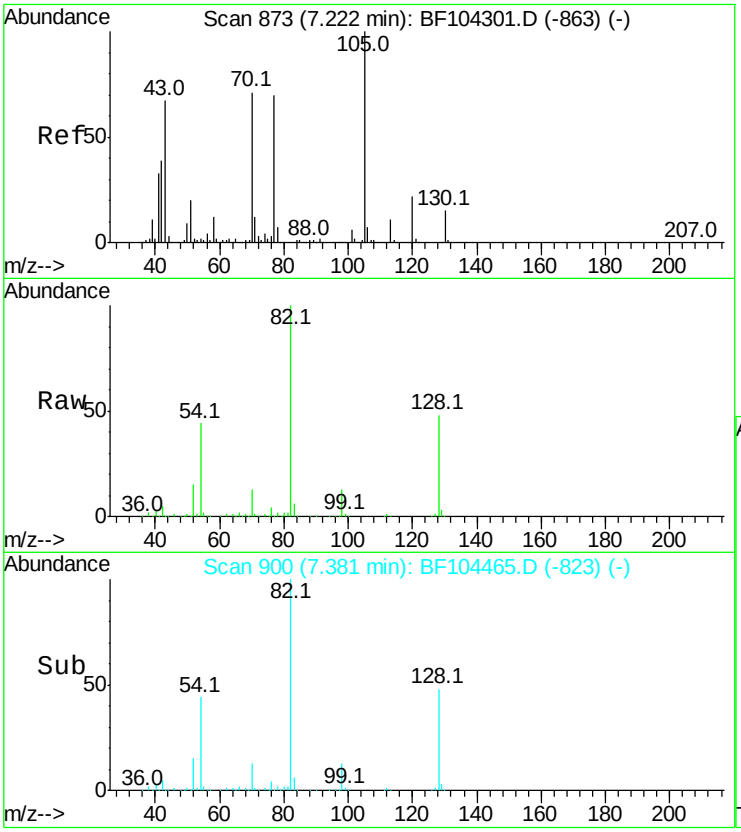


#9
Benzaldehyde
Concen: 2.314 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.22 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion: 77 Resp: 20203

Ion	Ratio	Lower	Upper
77	100		
105	82.5	81.1	121.1
106	76.7	74.5	114.5



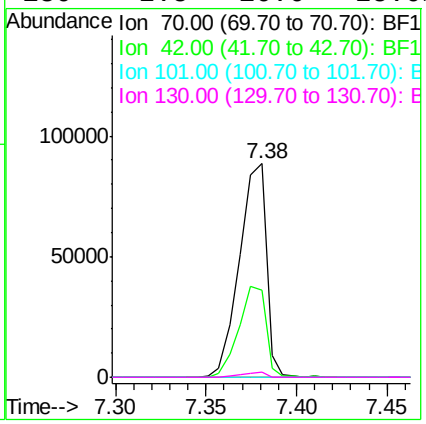


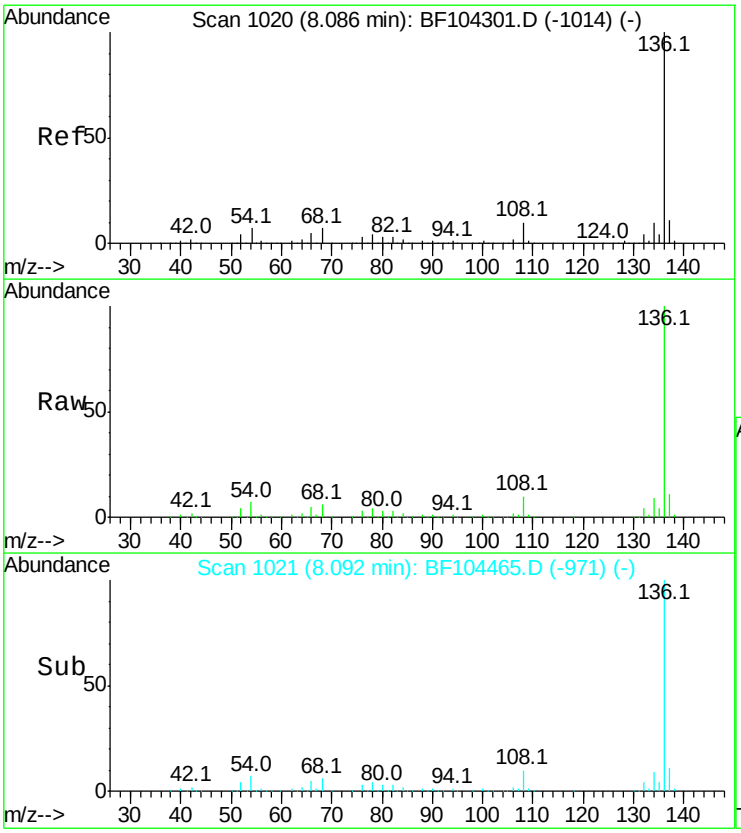
#19
n-Nitroso-di-n-propylamine
Concen: 16.323 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 91765

Ion	Ratio	Lower	Upper
70	100		
42	40.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

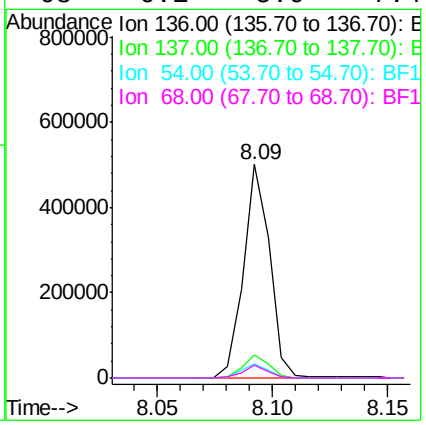


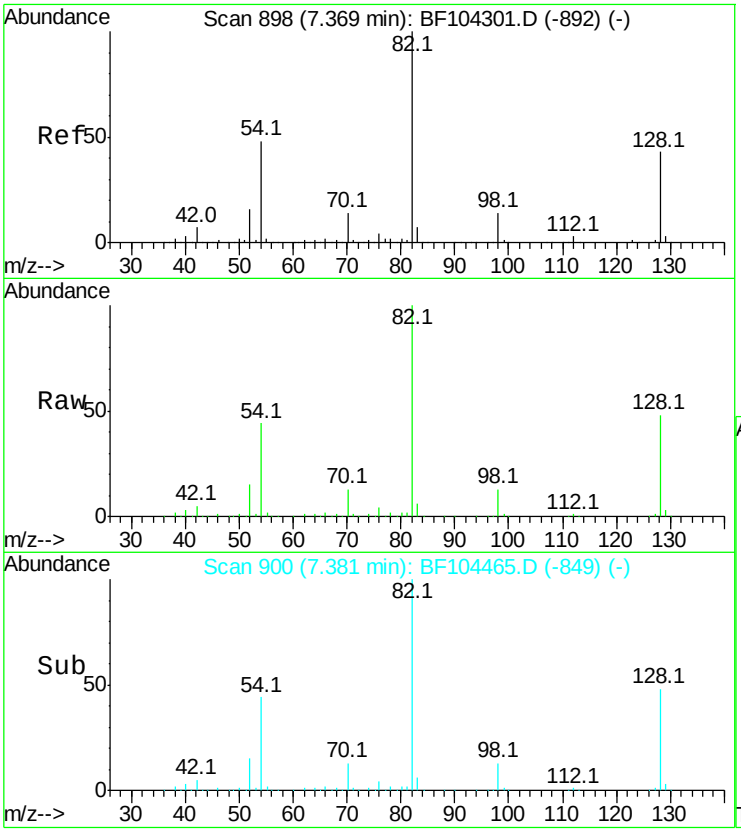


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion:136 Resp: 398732

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	6.1	5.0	7.4

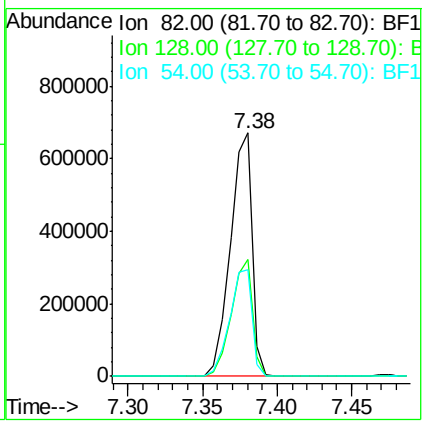




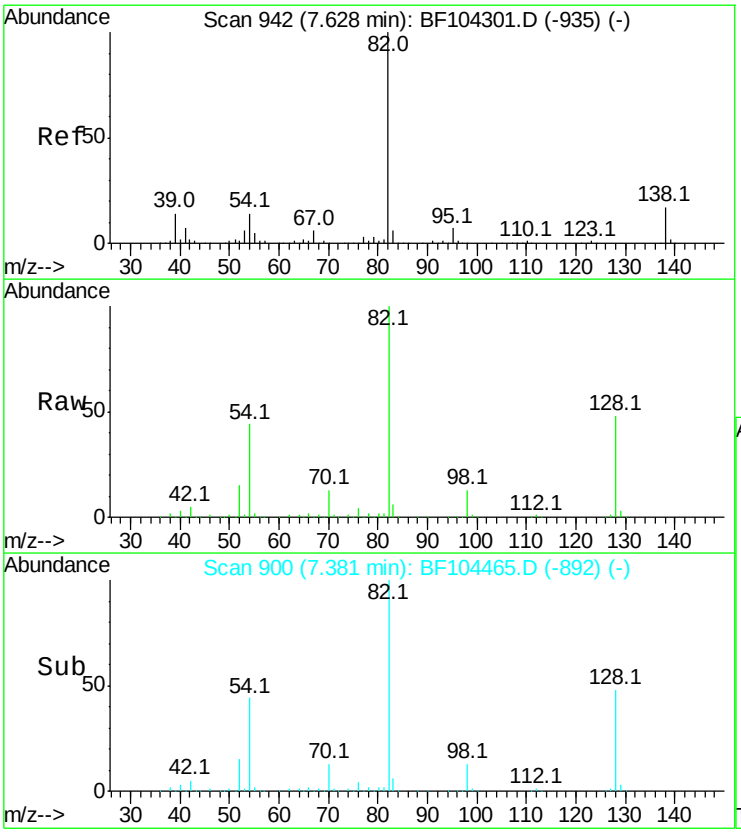
#23
Nitrobenzene-d5
Concen: 113.131 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion: 82 Resp: 690818

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	43.8	41.4	62.2



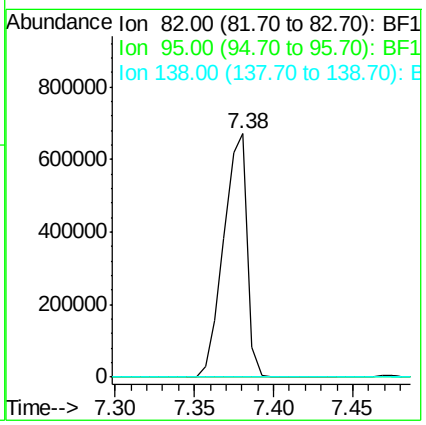
Instrument :
BNA_F
ClientSampleId :

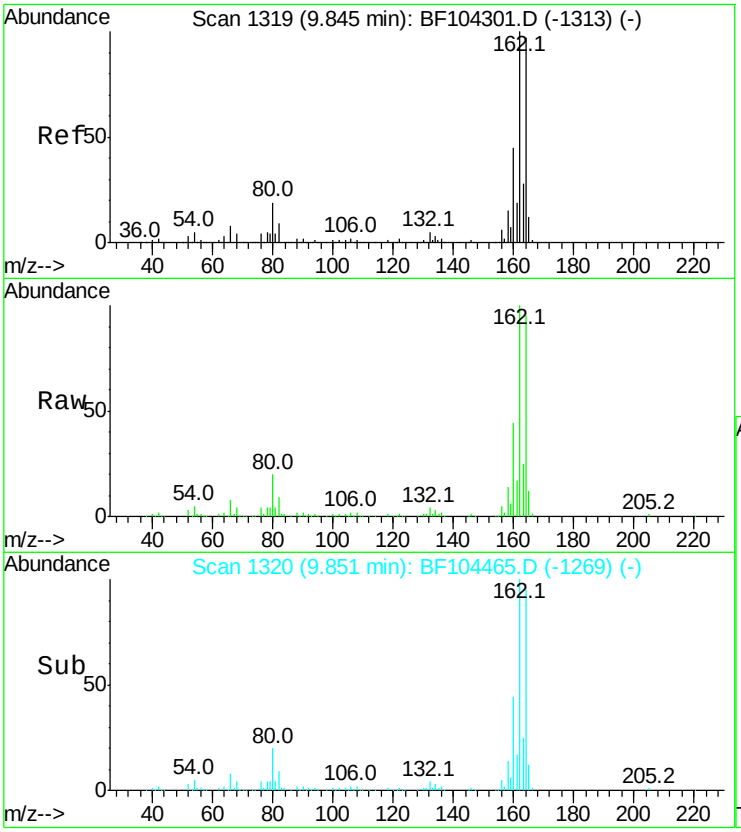


#25
Isophorone
Concen: 53.499 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.25 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion: 82 Resp: 690811

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



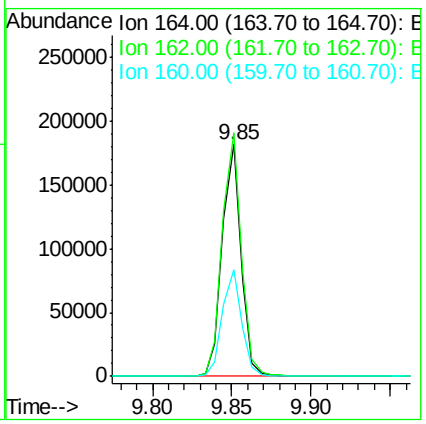


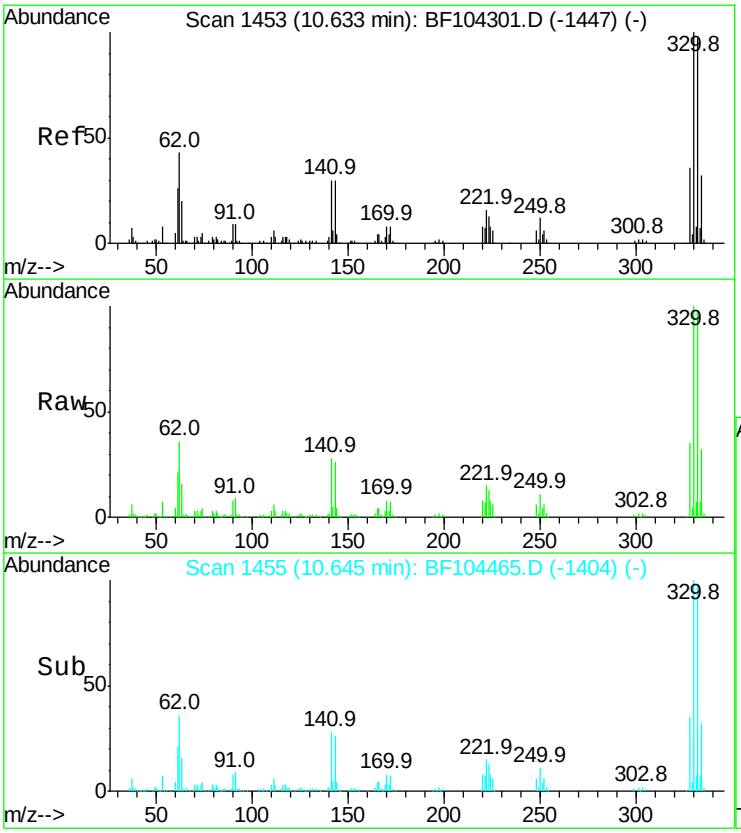
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 149532

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	45.7	38.3	57.5

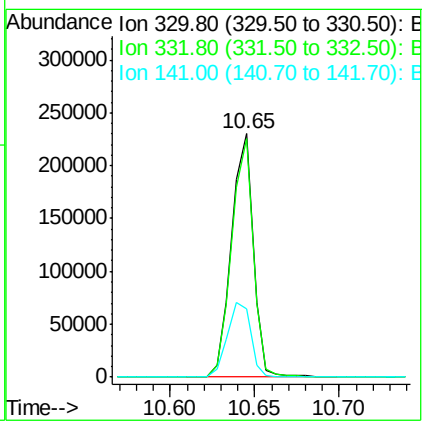


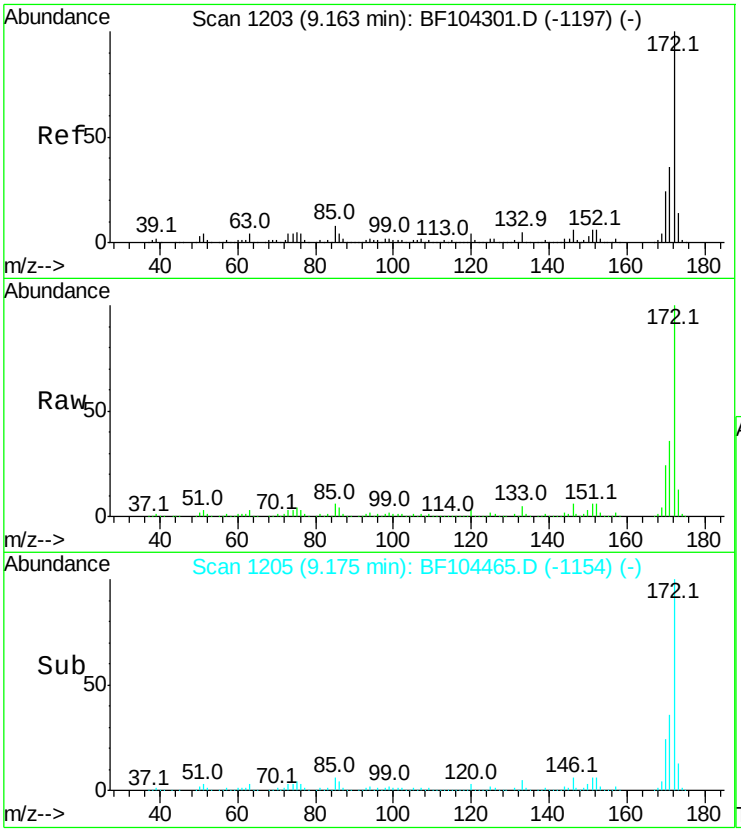


#41
2,4,6-Tribromophenol
Concen: 132.918 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion:330 Resp: 206174

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	33.4	29.9	44.9



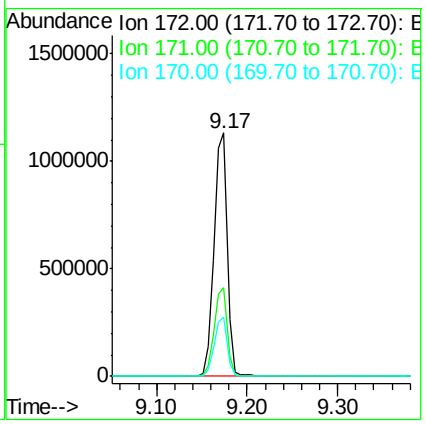


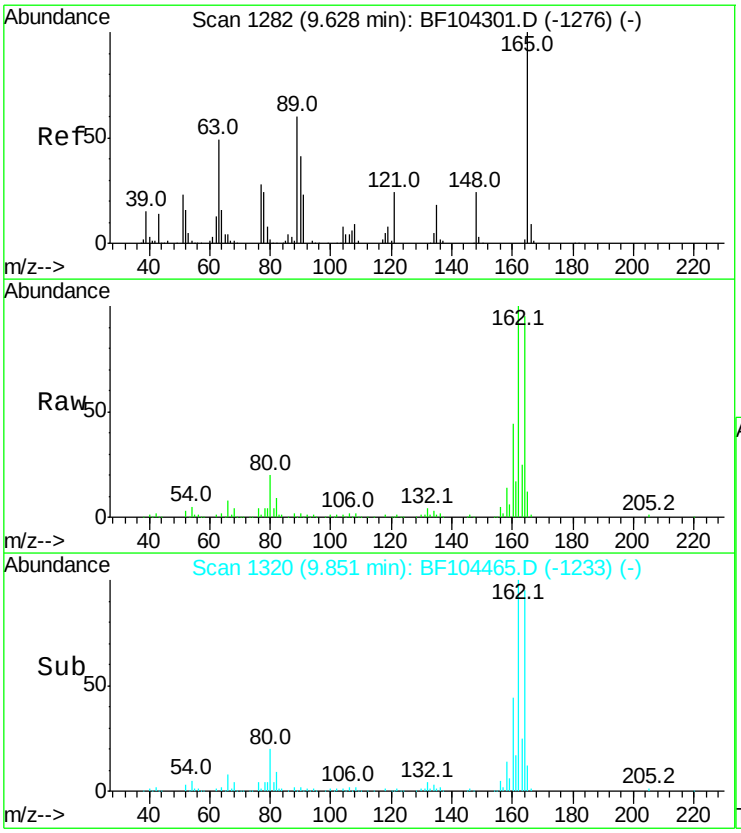
#44
2-Fluorobiphenyl
Concen: 120.036 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1136203

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

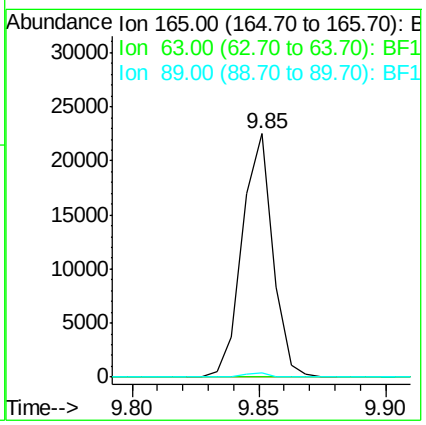


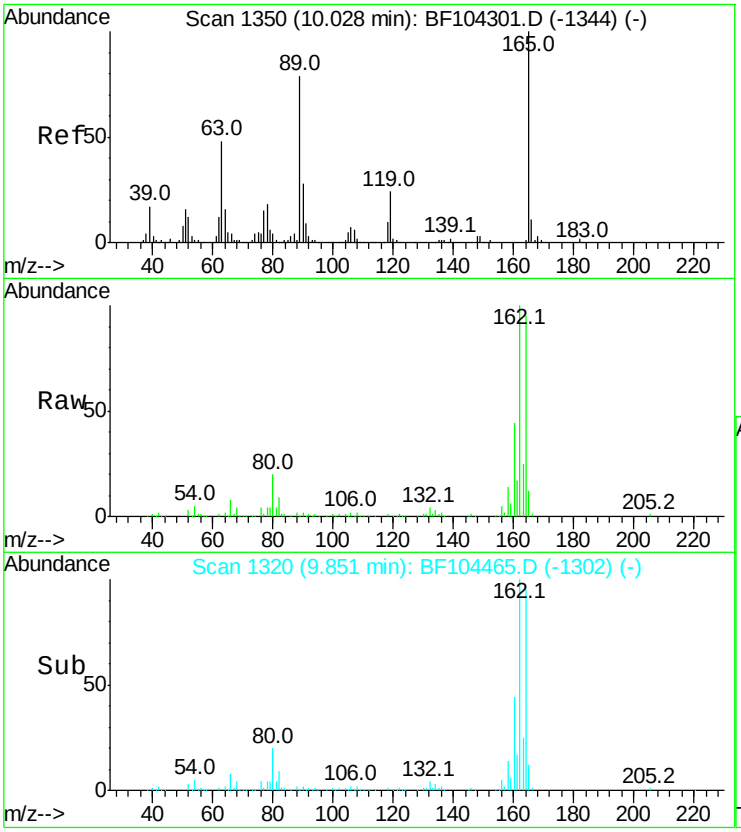


#50
2,6-Dinitrotoluene
Concen: 8.641 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion:165 Resp: 18855

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



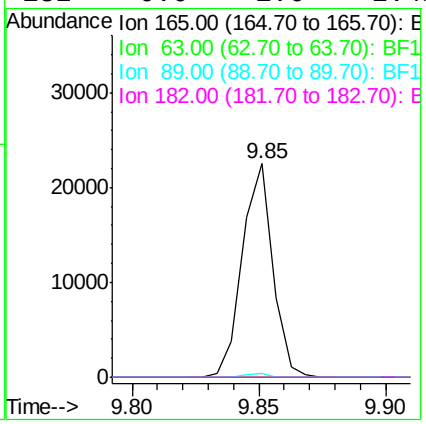


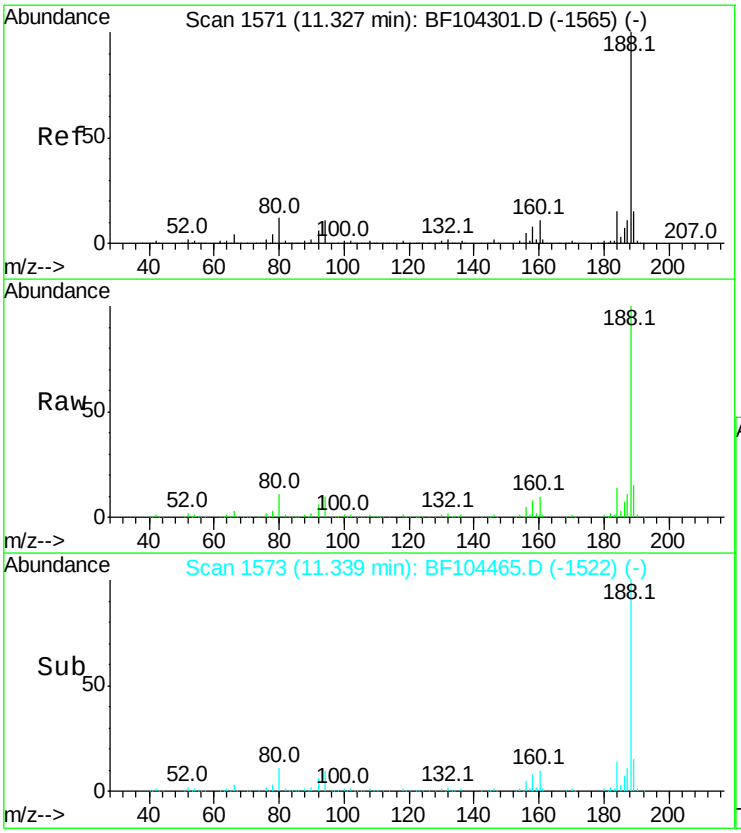
#56
2,4-Dinitrotoluene
Concen: 6.588 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18855

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#

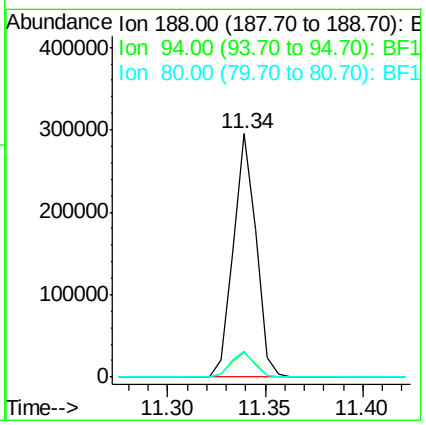


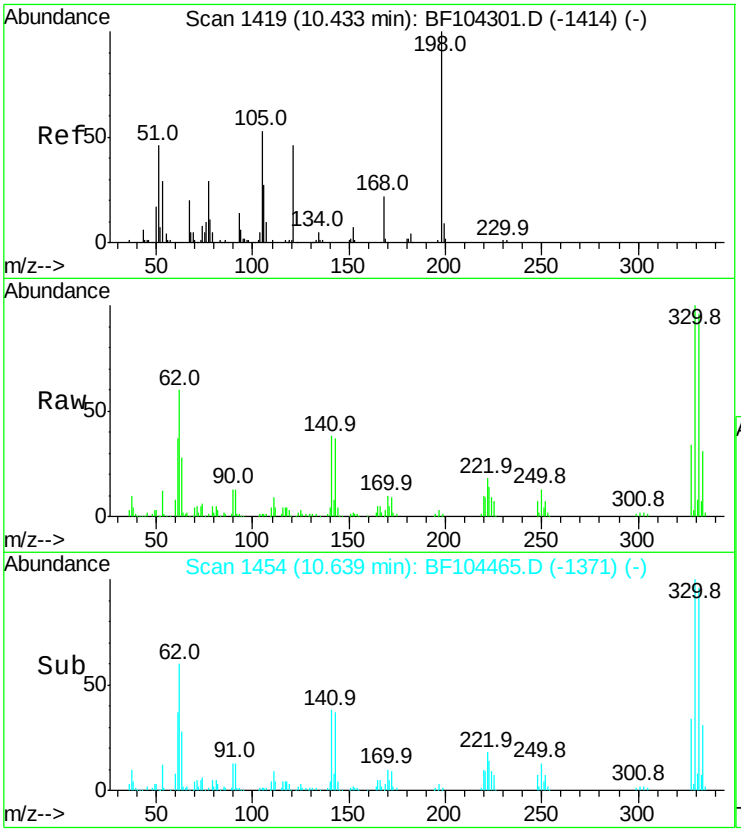


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion:188 Resp: 238419

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.7	9.2	13.8



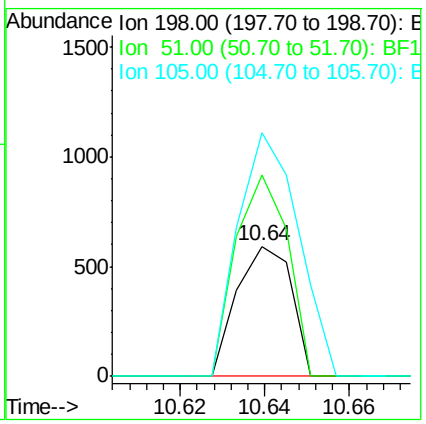


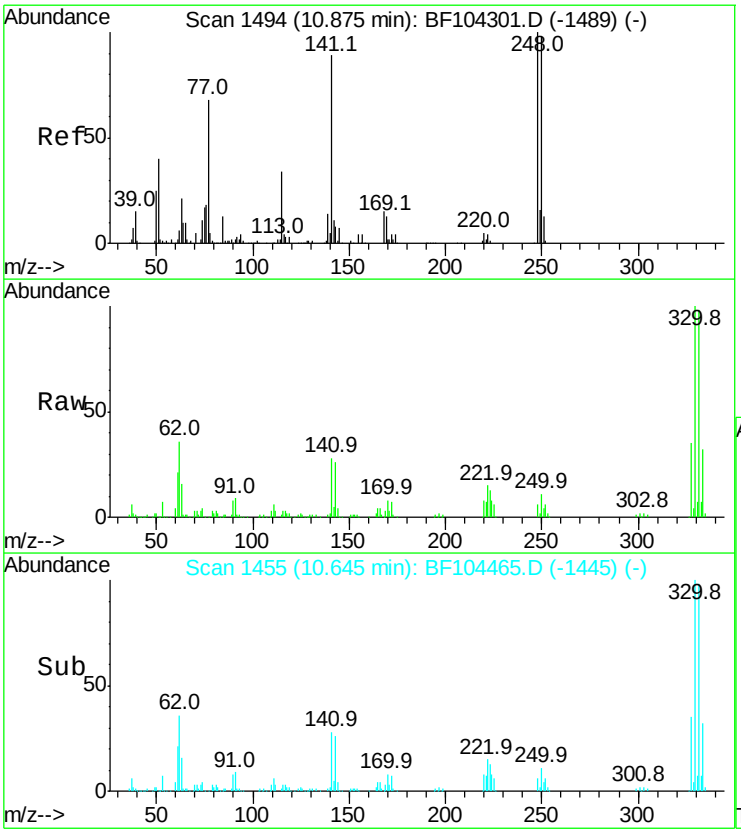
#64
4,6-Dinitro-2-methylphenol
Concen: 7.734 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 531

Ion	Ratio	Lower	Upper
198	100		
51	155.0	37.7	77.7#
105	187.6	36.3	76.3#

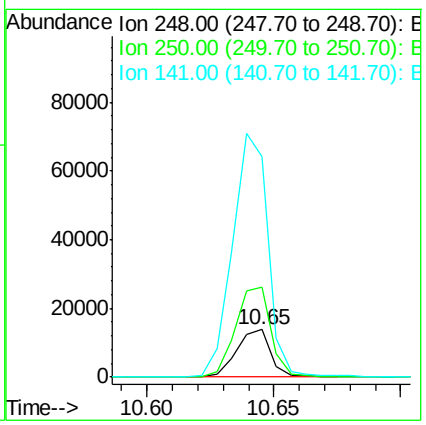


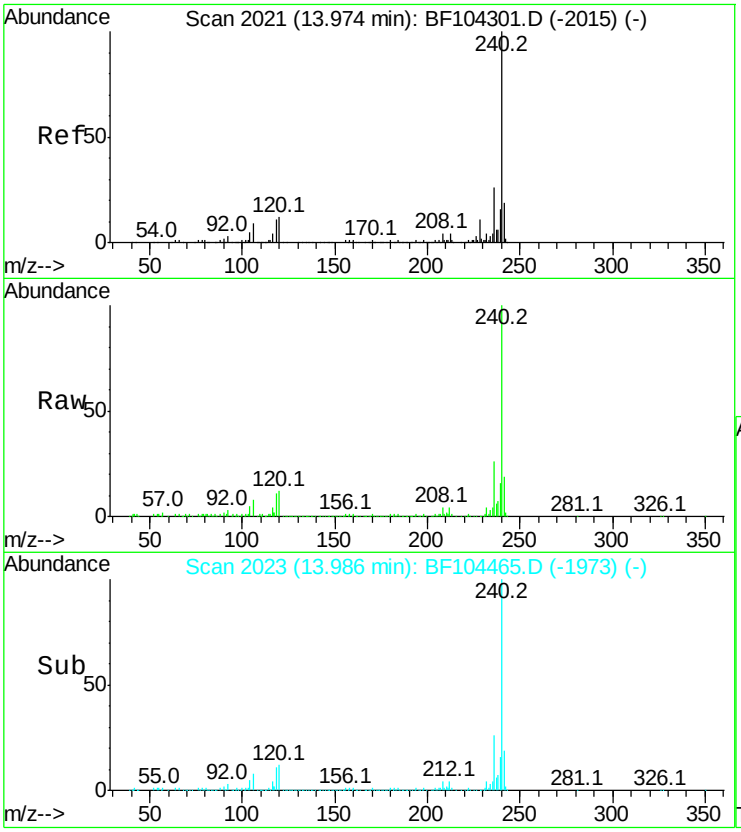


#66
4-Bromophenyl-phenylether
Concen: 5.097 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion:248 Resp: 12927

Ion	Ratio	Lower	Upper
248	100		
250	189.8	76.9	115.3#
141	465.0	74.4	111.6#



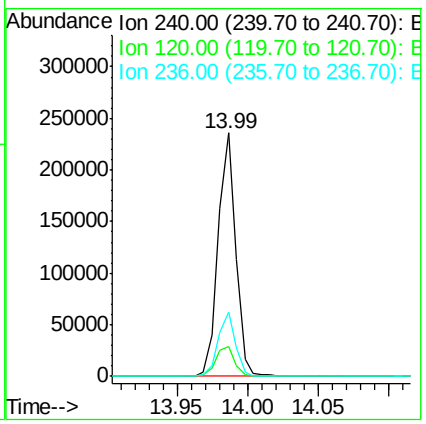


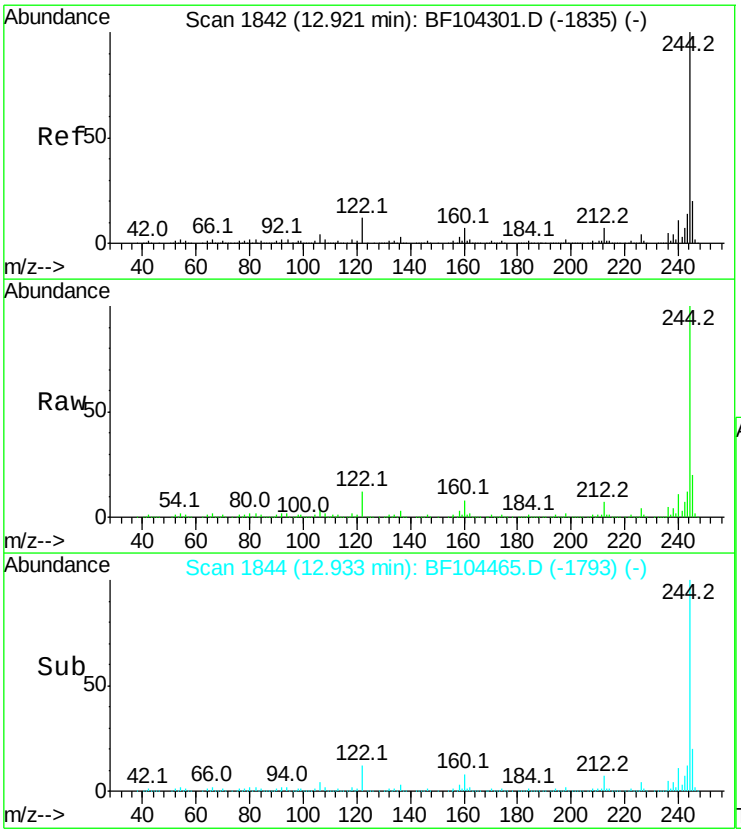
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 205014

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.4	20.7	31.1

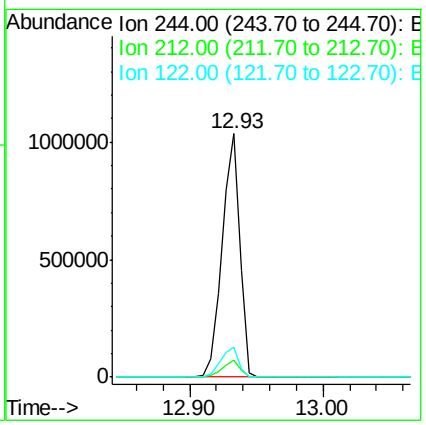


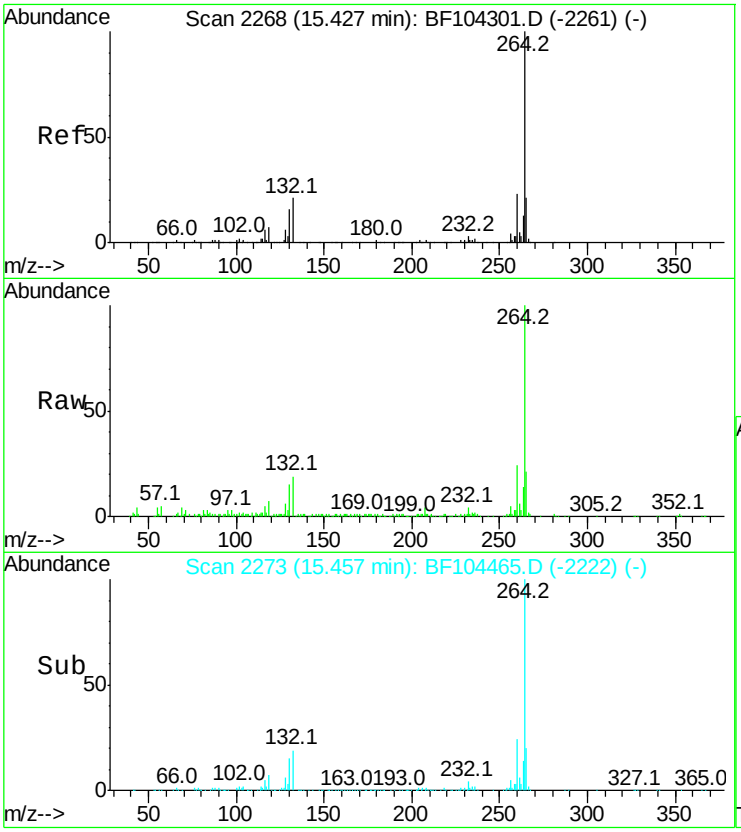


#78
Terphenyl-d14
Concen: 108.275 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion:244 Resp: 973667

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.2	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: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 143905

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.5	17.5	26.3