Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104482.D
Acq On : 13 Apr 2018 16:54
Operator : JU/SJ
Sample : J2360-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 17:41:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134322	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	541082	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	245025	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	402543	20.00	ng		0.00
75) Chrysene-d12	13.99	240	265250	20.00	ng		0.00
86) Perylene-d12	15.46	264	230672	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	891034	101.43	ng		0.00
7) Phenol-d6	6.45	99	1084343	100.46	ng		0.00
23) Nitrobenzene-d5	7.37	82	681191	82.21	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	256323	100.85	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1183817	76.32	ng		0.00
78) Terphenyl-d14	12.93	244	951539	81.78	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	1990	Below Cal		#	1
10) Phenol	6.46	94	41305	3.607	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	89602	12.704	ng	#	74
25) Isophorone	7.37	82	681183	38.874	ng	#	64
49) Dimethylphthalate	9.56	163	179195	9.274	ng		99
56) 2,4-Dinitrotoluene	9.85	165	30954	6.600	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.64	198	736	7.665	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	15412	3.599	ng	#	1
76) Benzidine	12.93	184	12786	Below Cal			96

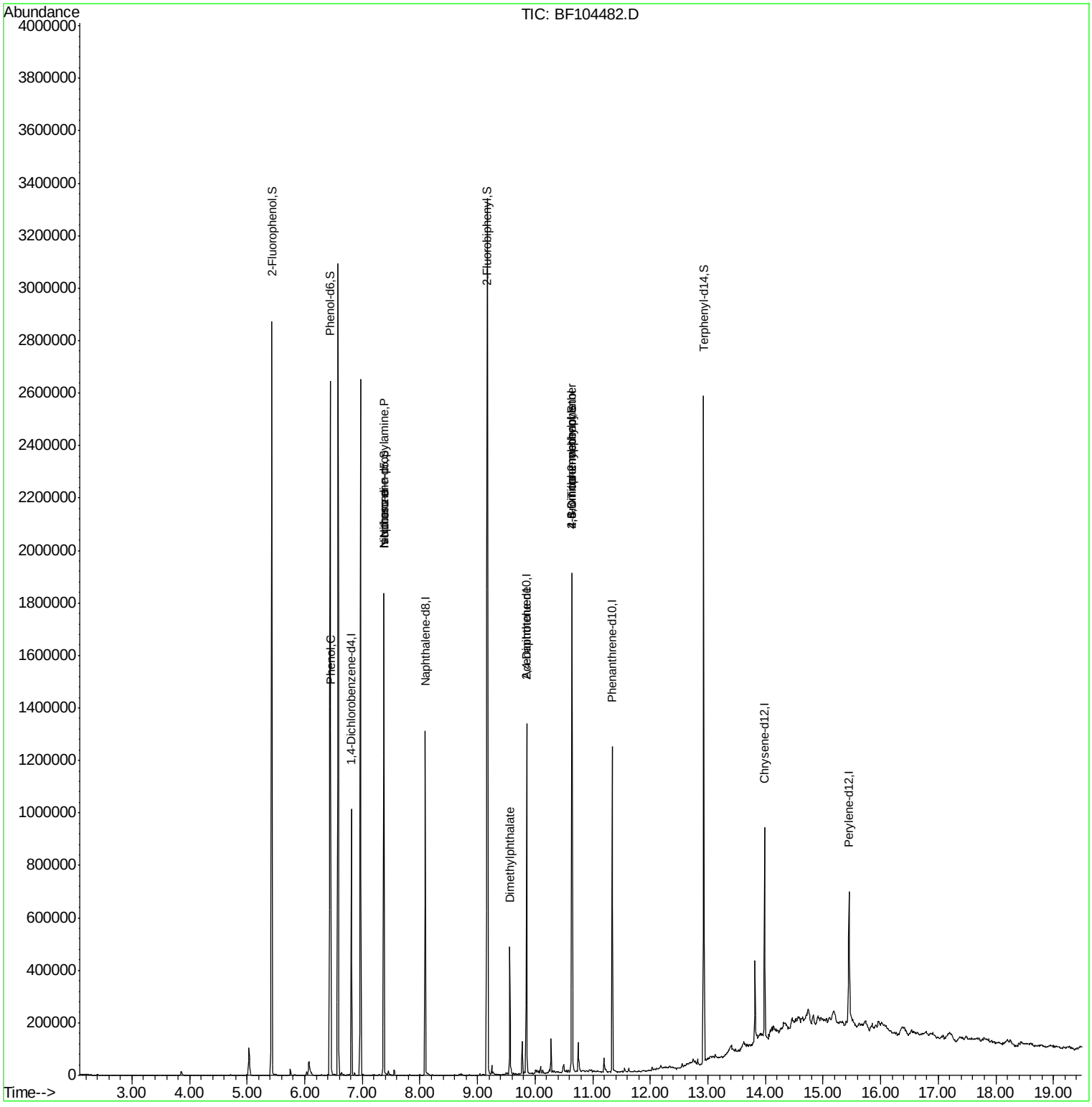
(#) = qualifier out of range (m) = manual integration (+) = signals summed

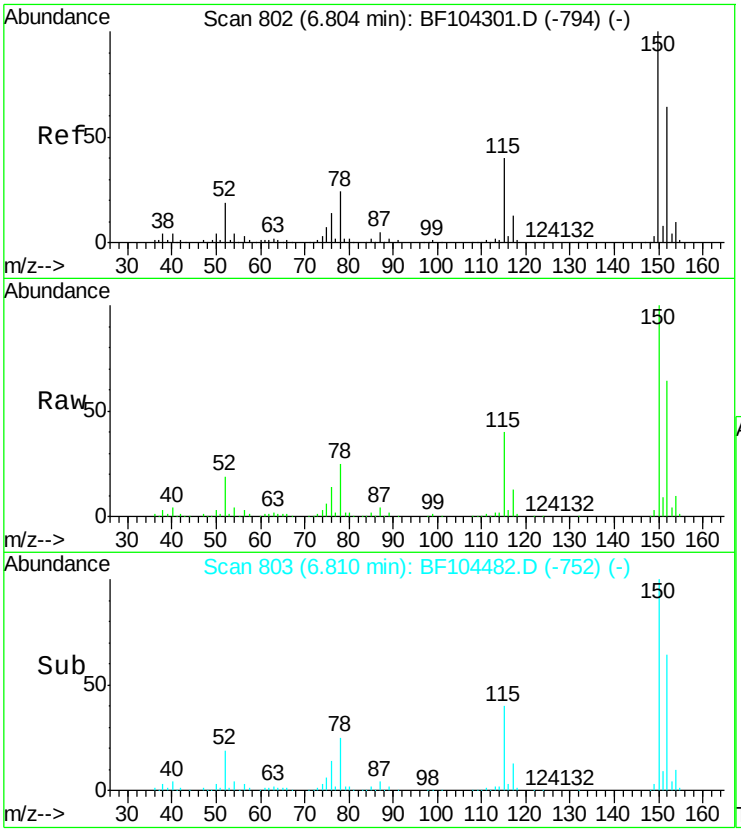
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104482.D
Acq On : 13 Apr 2018 16:54
Operator : JU/SJ
Sample : J2360-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 13 17:41:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration



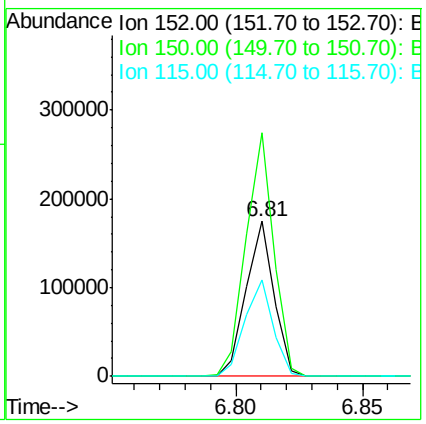


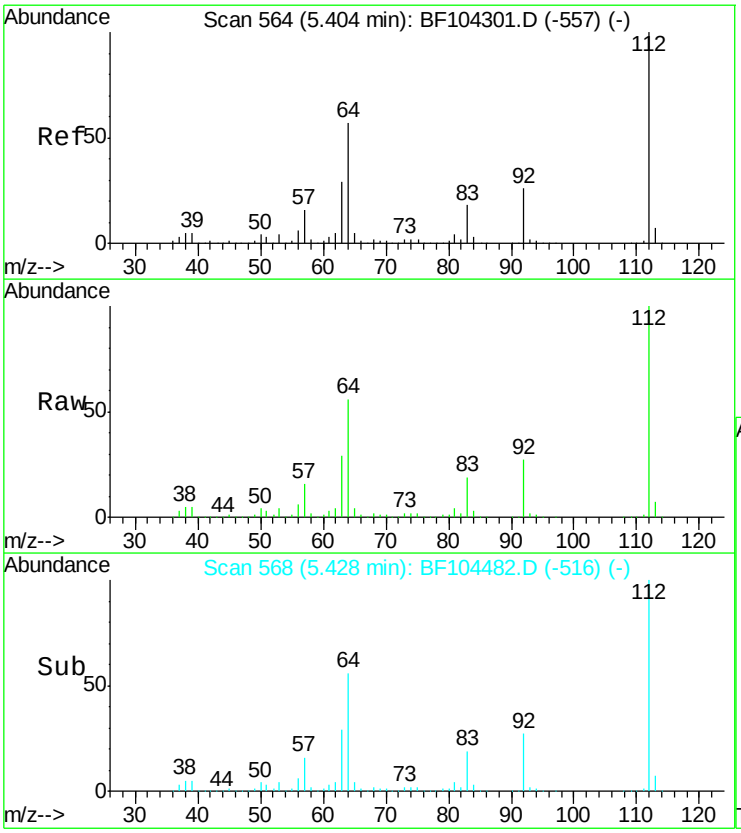
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 134322

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	62.1	50.1	75.1

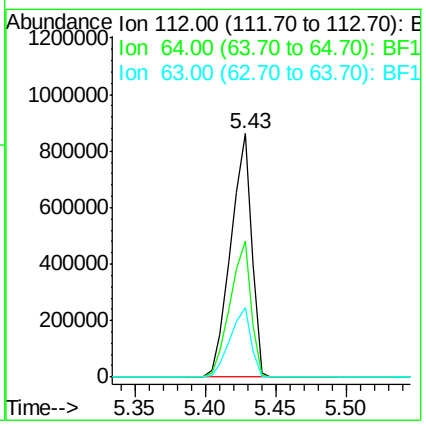


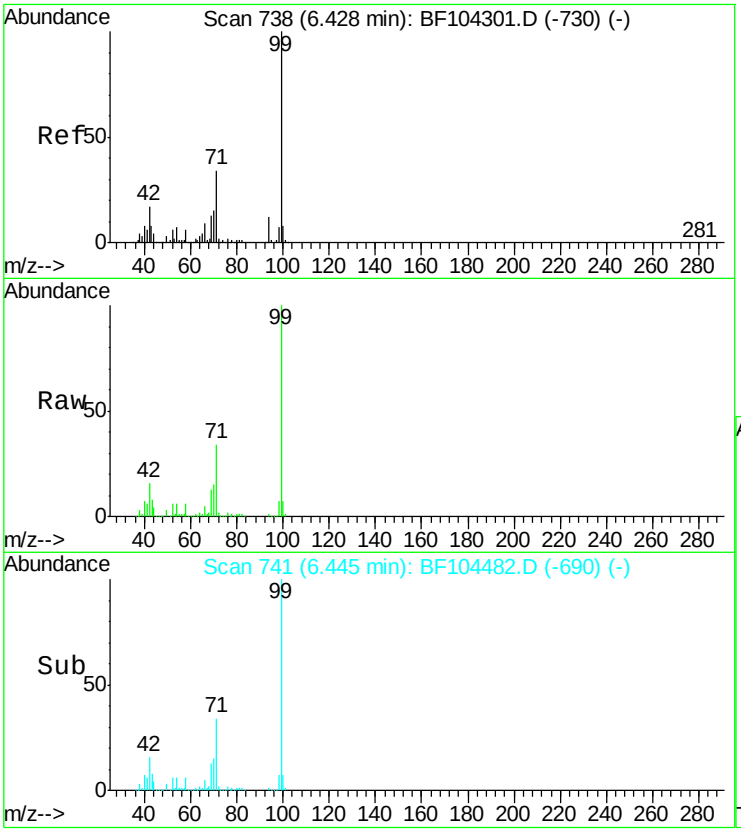


#5
2-Fluorophenol
Concen: 101.431 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion:112 Resp: 891034

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	28.7	23.7	35.5



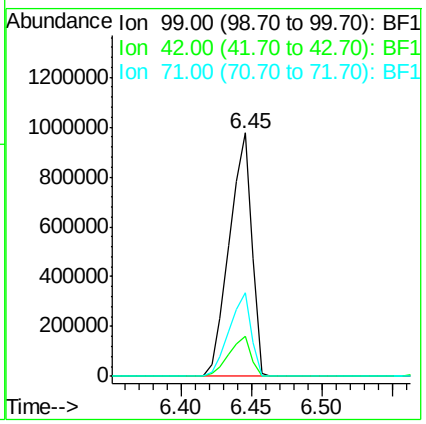


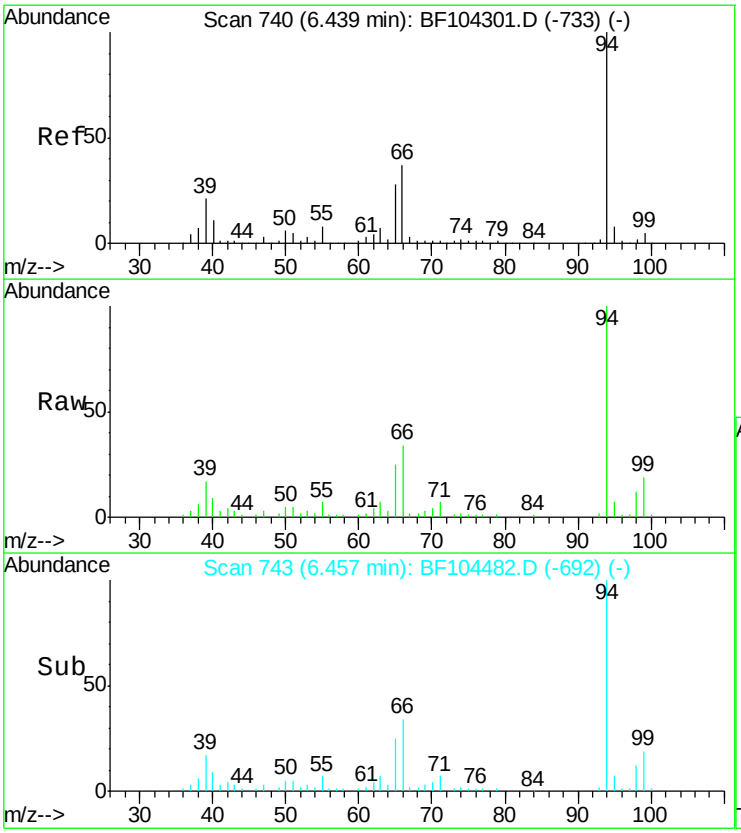
#7
Phenol-d6
Concen: 100.463 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1084343

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	34.4	25.4	38.0

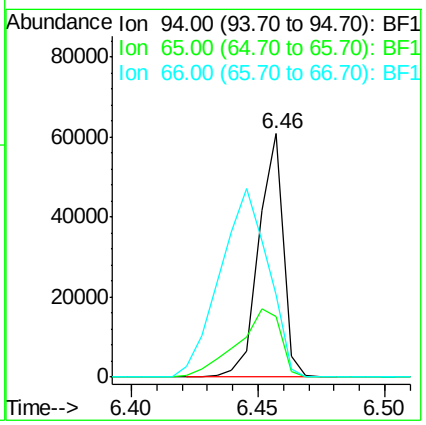


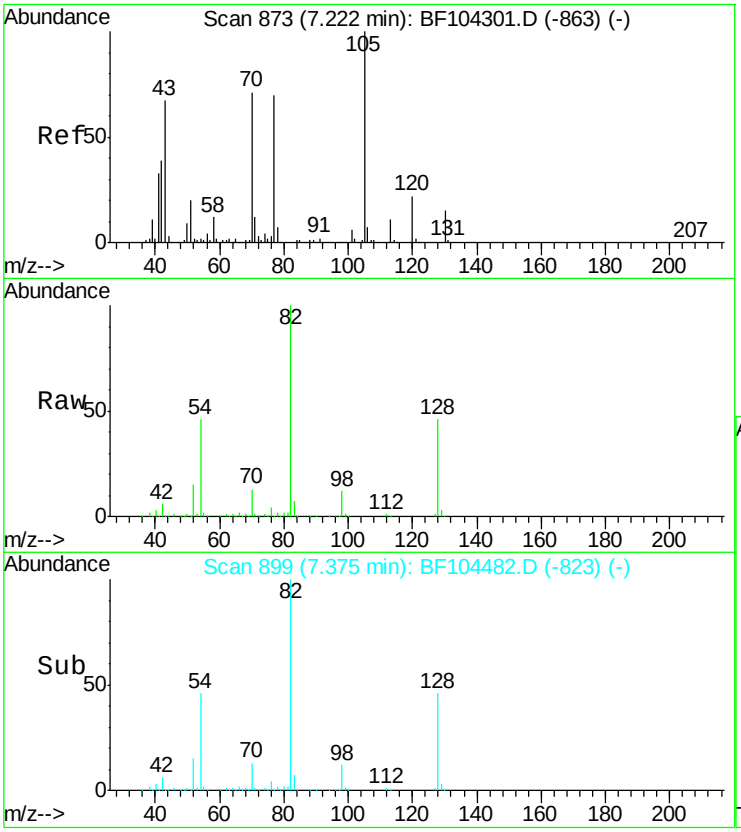


#10
Phenol
Concen: 3.607 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion: 94 Resp: 41305

Ion	Ratio	Lower	Upper
94	100		
65	25.0	7.9	47.9
66	33.9	16.2	56.2



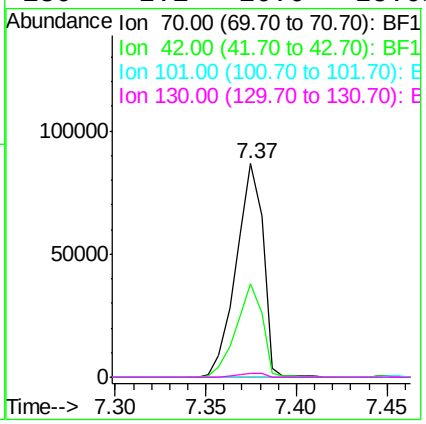


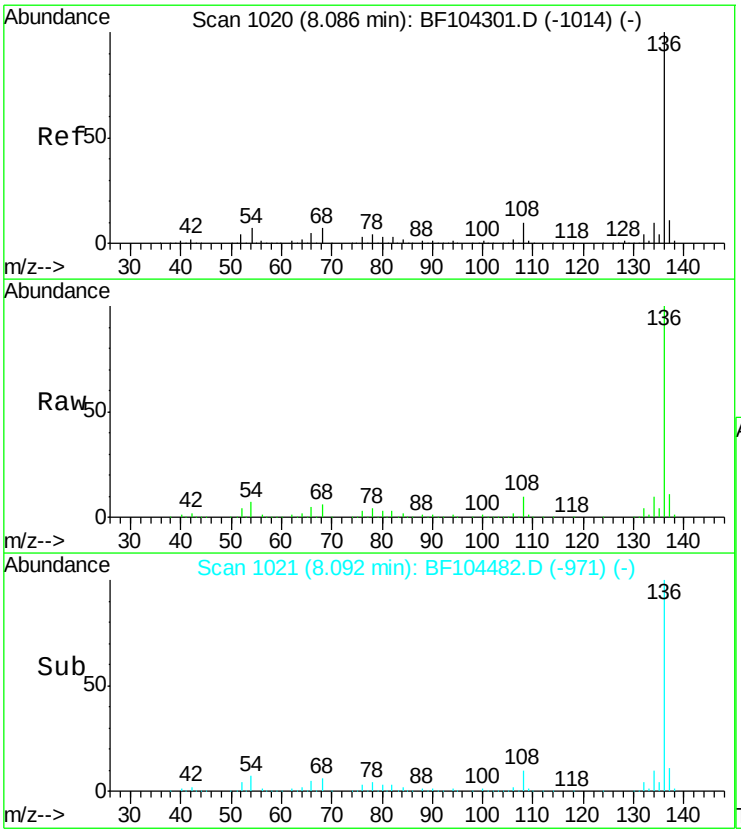
#19
n-Nitroso-di-n-propylamine
Concen: 12.704 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 89602

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

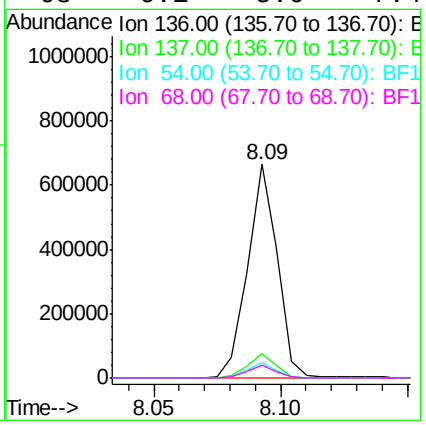


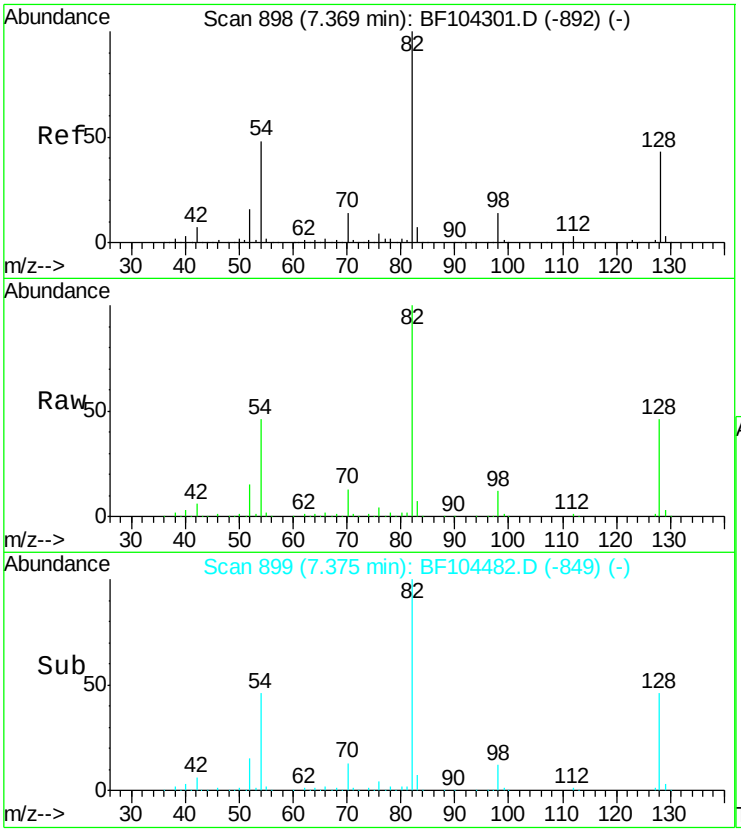


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion:136 Resp: 541082

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	6.6	9.8
68	6.1	5.0	7.4



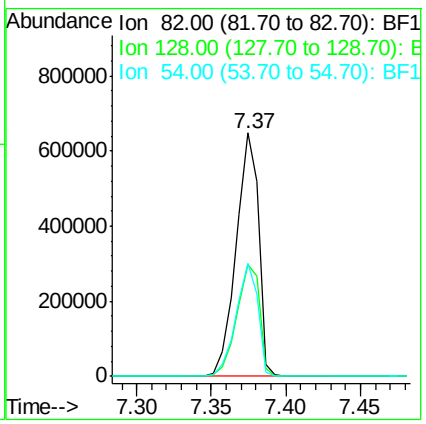


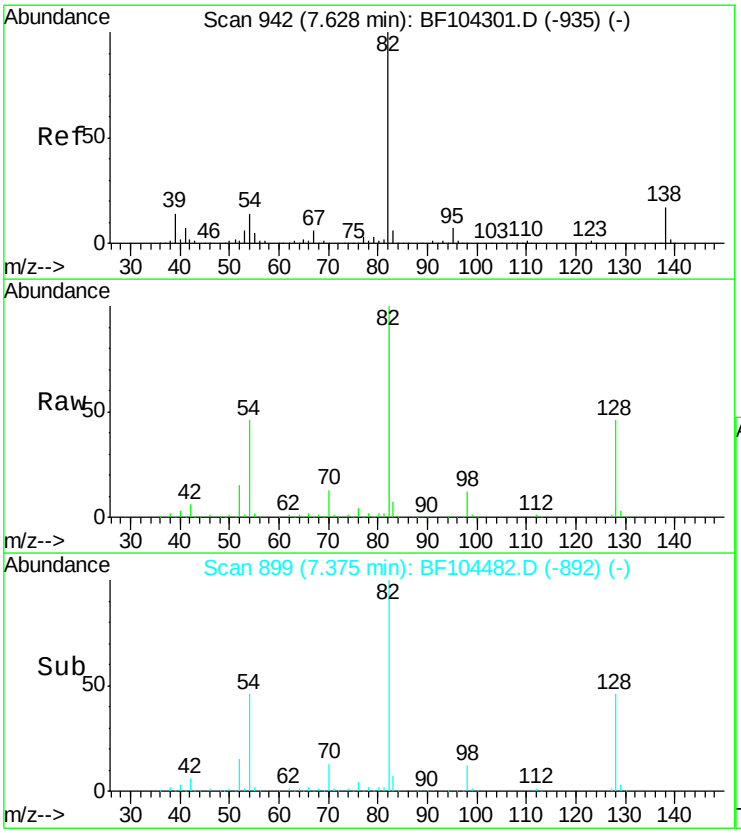
#23
Nitrobenzene-d5
Concen: 82.206 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 681191

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	46.3	41.4	62.2

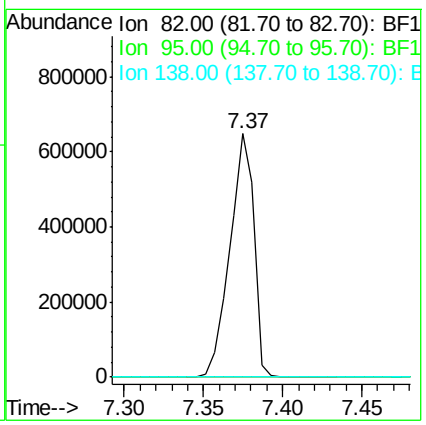


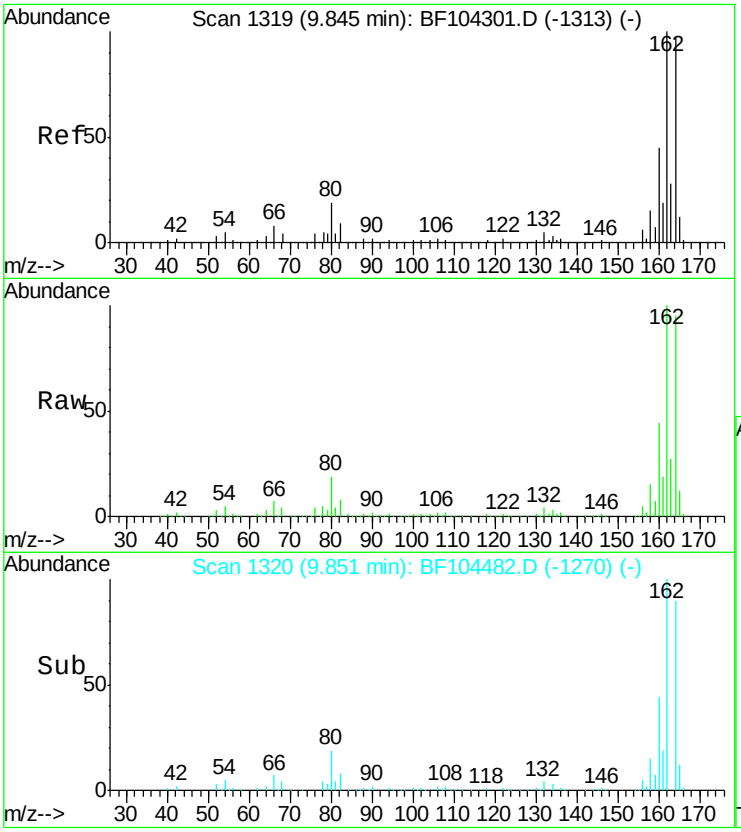


#25
Isophorone
Concen: 38.874 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion: 82 Resp: 681183

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



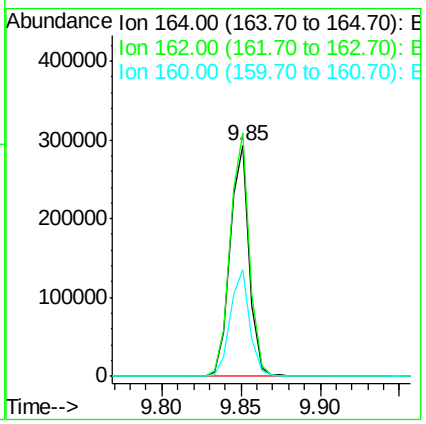


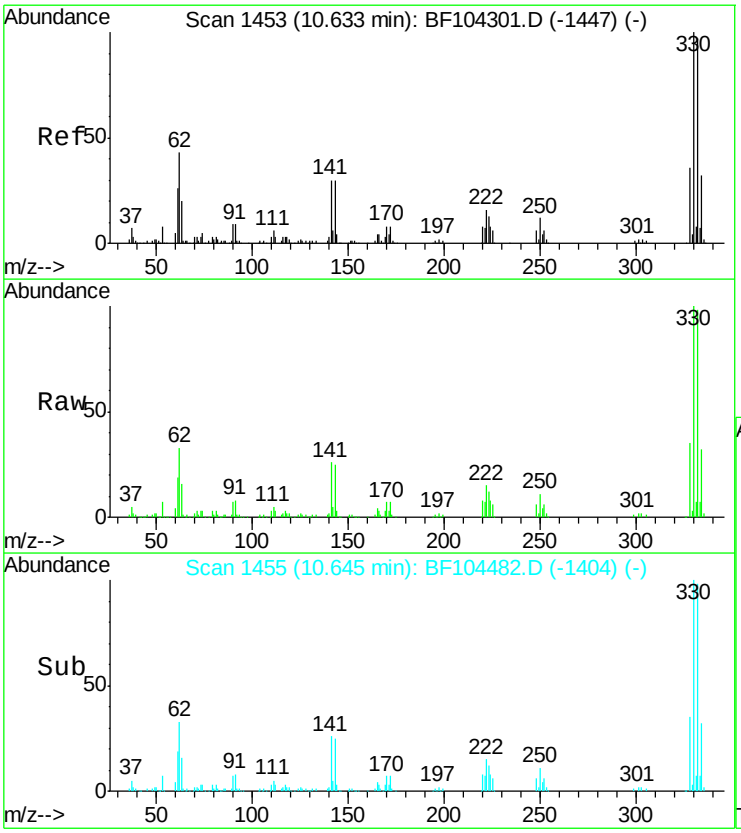
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 245025

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.3	38.3	57.5

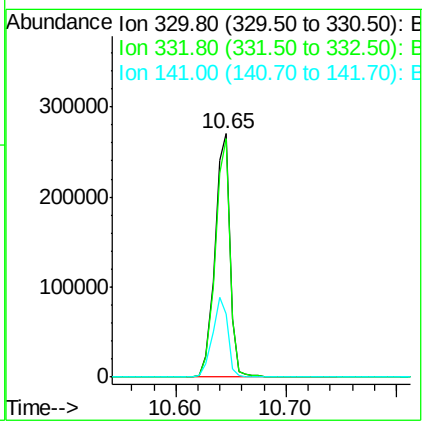


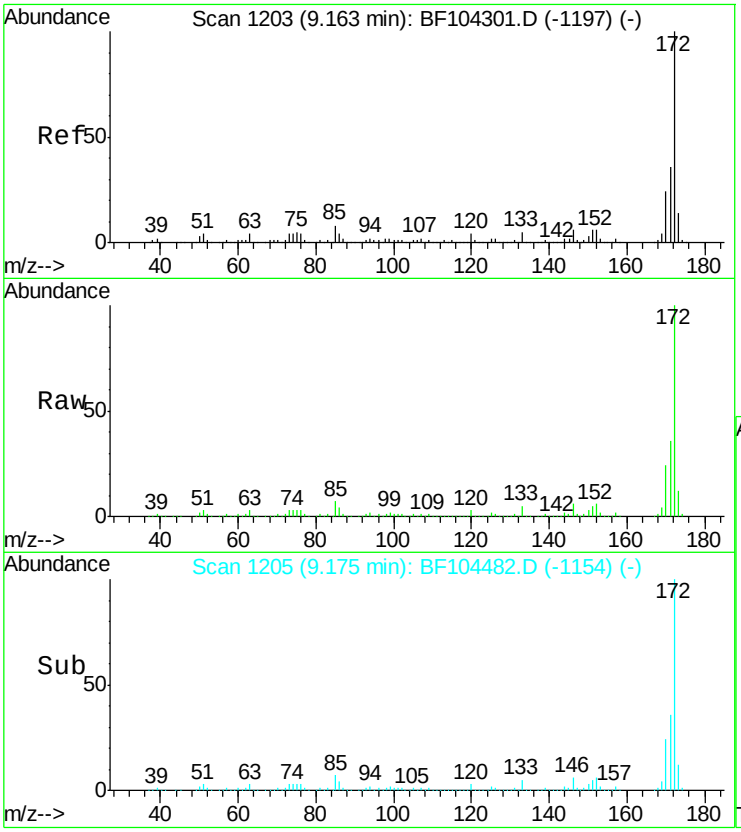


#41
2,4,6-Tribromophenol
Concen: 100.847 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion:330 Resp: 256323

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.8	29.9	44.9



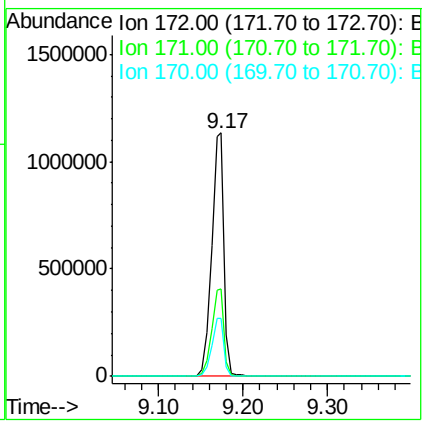


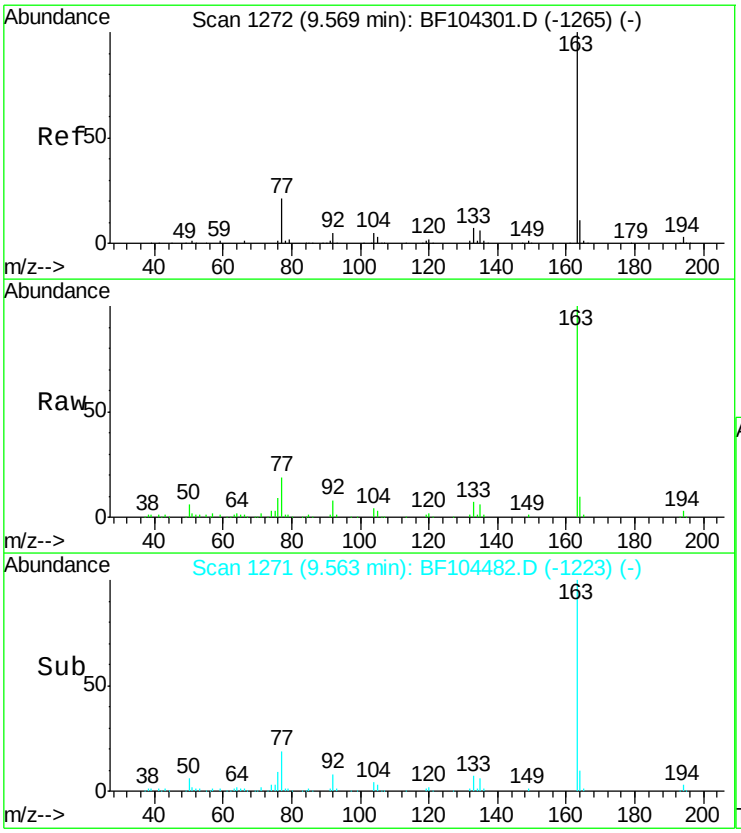
#44
2-Fluorobiphenyl
Concen: 76.324 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1183817

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

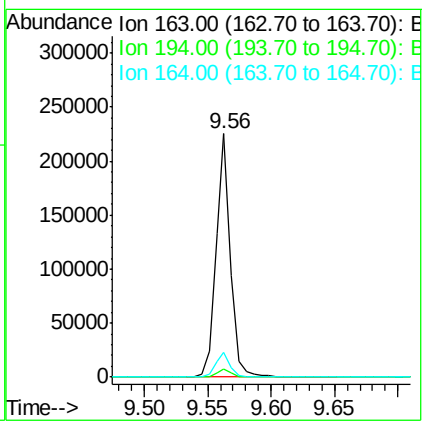


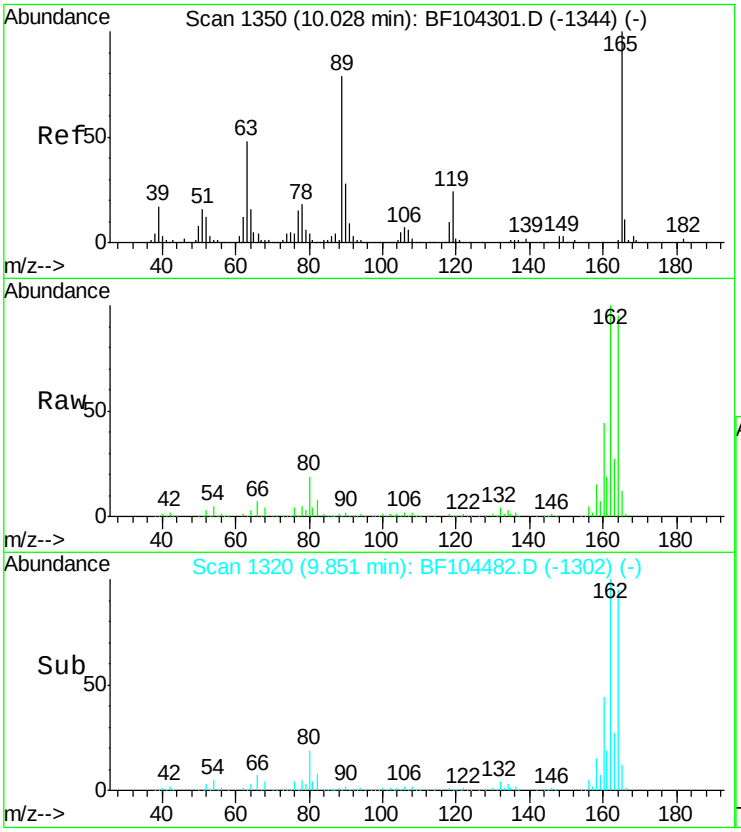


#49
Dimethylphthalate
Concen: 9.274 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion:163 Resp: 179195

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2



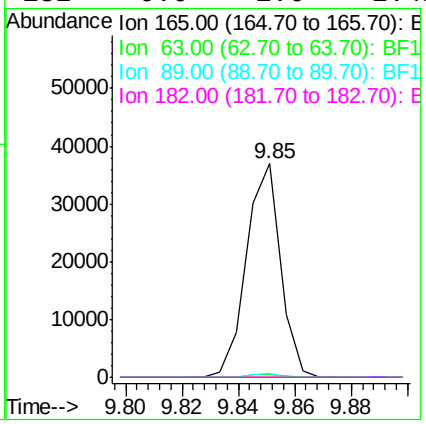


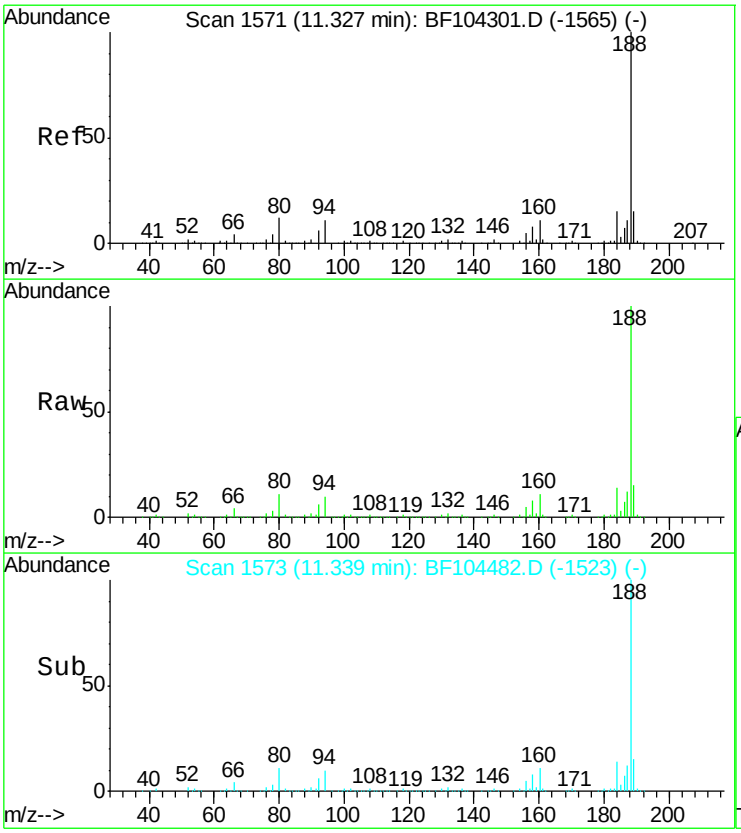
#56
2,4-Dinitrotoluene
Concen: 6.600 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30954

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

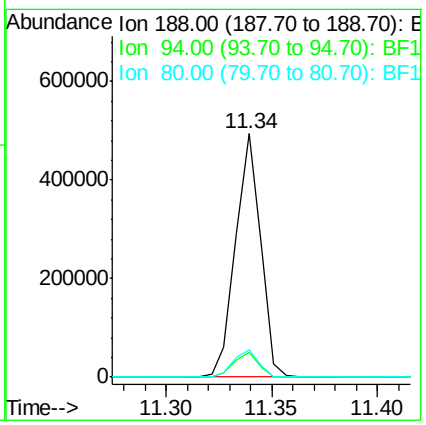


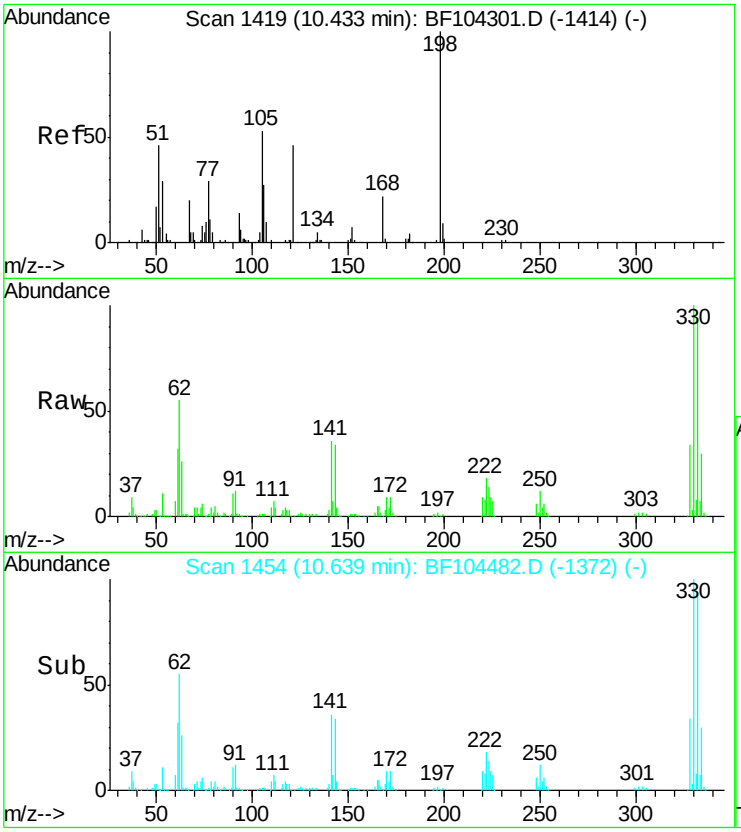


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion:188 Resp: 402543

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.4	9.2	13.8



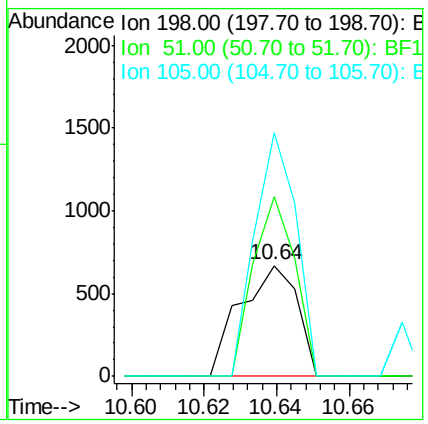


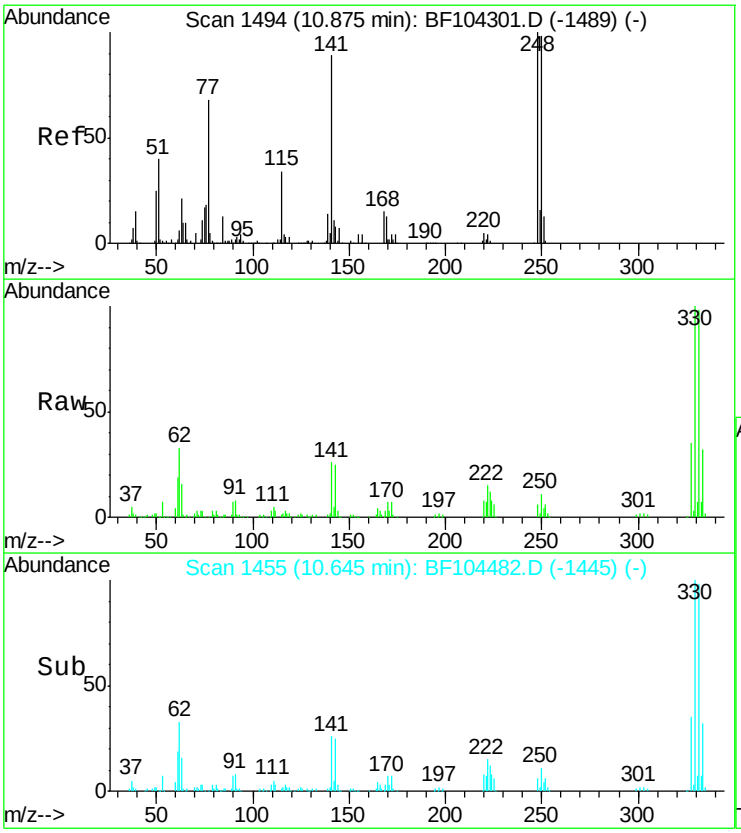
#64
4,6-Dinitro-2-methylphenol
Concen: 7.665 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 736

Ion	Ratio	Lower	Upper
198	100		
51	161.5	37.7	77.7#
105	219.2	36.3	76.3#

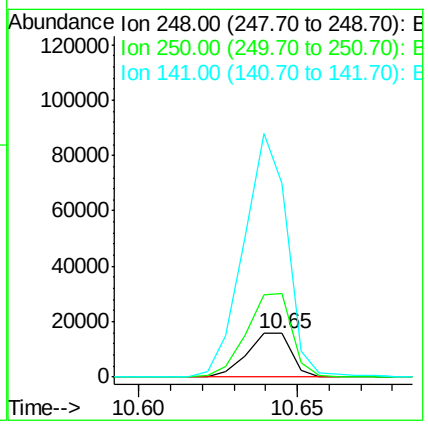


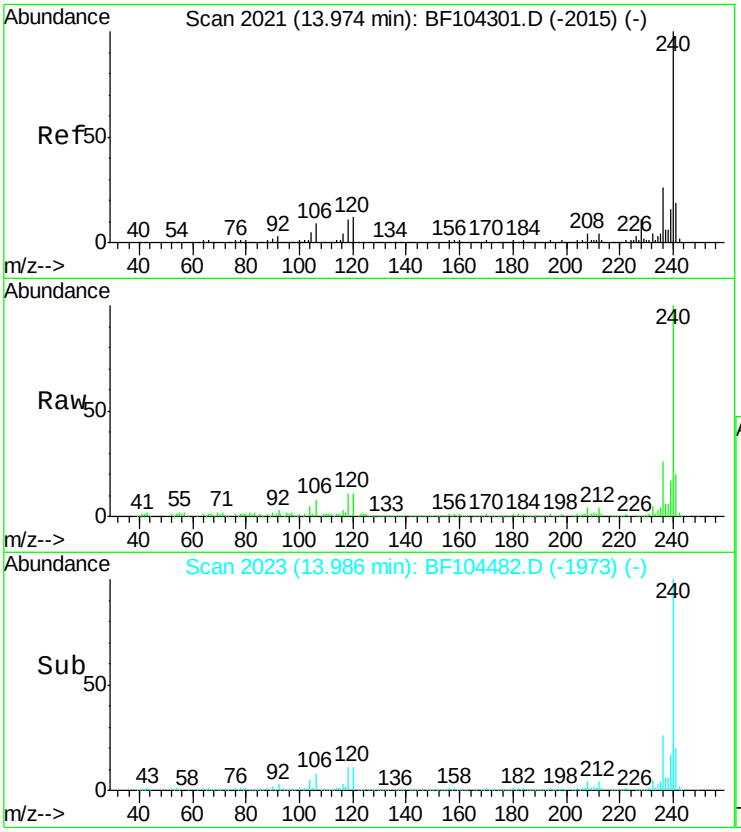


#66
4-Bromophenyl-phenylether
Concen: 3.599 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion:248 Resp: 15412

Ion	Ratio	Lower	Upper
248	100		
250	190.5	76.9	115.3#
141	443.0	74.4	111.6#



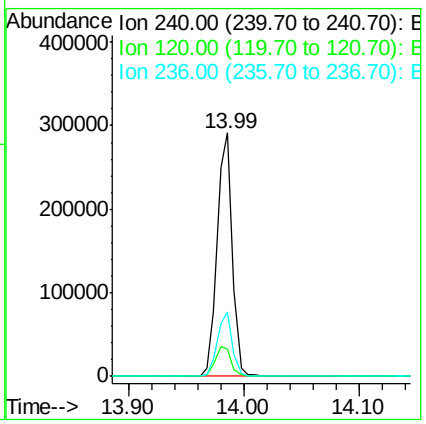


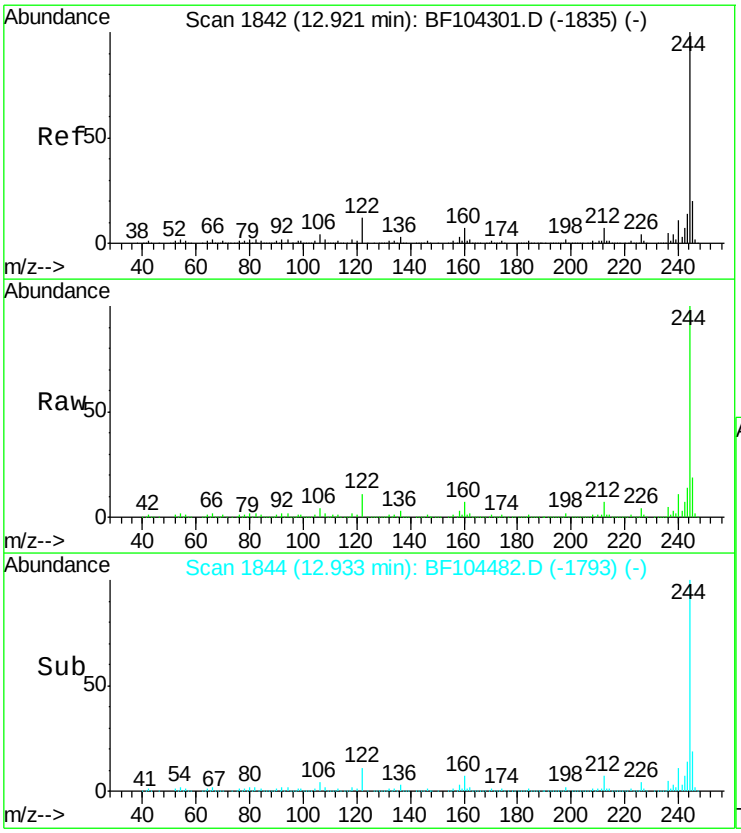
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 265250

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.2	20.7	31.1

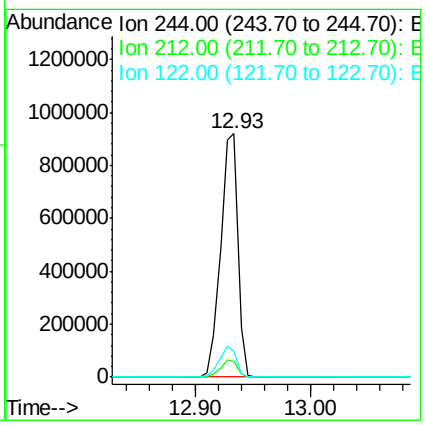


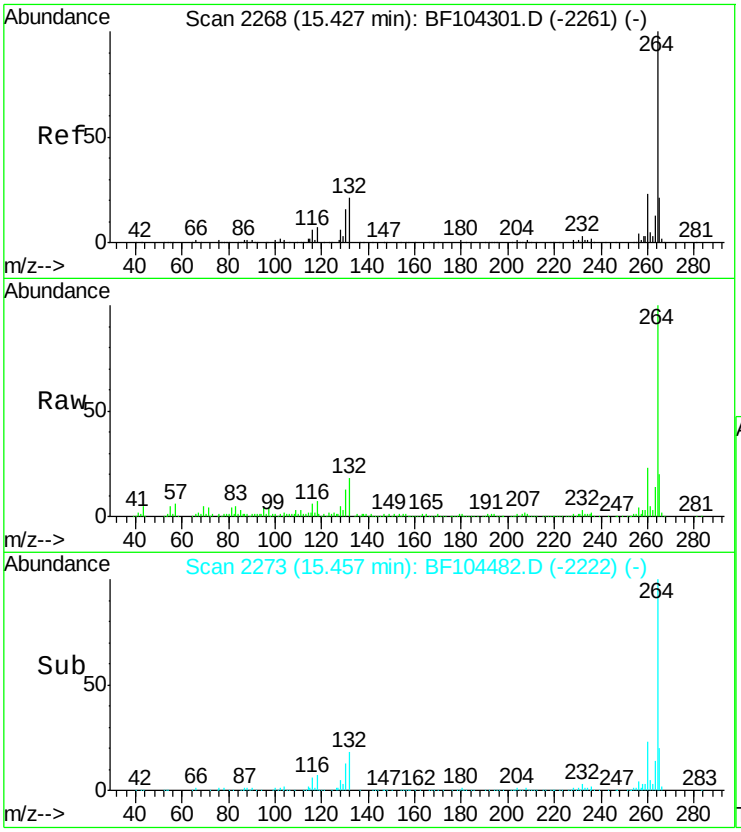


#78
Terphenyl-d14
Concen: 81.785 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion:244 Resp: 951539

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.8	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: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 230672

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.4	17.5	26.3