Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104498.D
Acq On : 14 Apr 2018 00:02
Operator : JU/SJ
Sample : PB108229BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 14 05:19:13 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	132878	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	515697	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	215874	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	322691	20.00	ng	0.00
75) Chrysene-d12	13.98	240	248928	20.00	ng	-0.01
86) Perylene-d12	15.45	264	183831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	556903	64.08	ng	0.00
7) Phenol-d6	6.45	99	673327	63.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	407951	51.66	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	117248	52.36	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	747561	54.71	ng	0.00
78) Terphenyl-d14	12.93	244	538768	49.34	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	52934	7.587	ng	# 72
25) Isophorone	7.37	82	408015	24.431	ng	# 64
49) Dimethylphthalate	9.56	163	44358	2.606	ng	99
50) 2,6-Dinitrotoluene	9.85	165	27023	8.579	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	27023	6.540	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.64	198	128	7.416	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	7272	2.119	ng	# 1
76) Benzidine	12.93	184	6628	Below Cal		98

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

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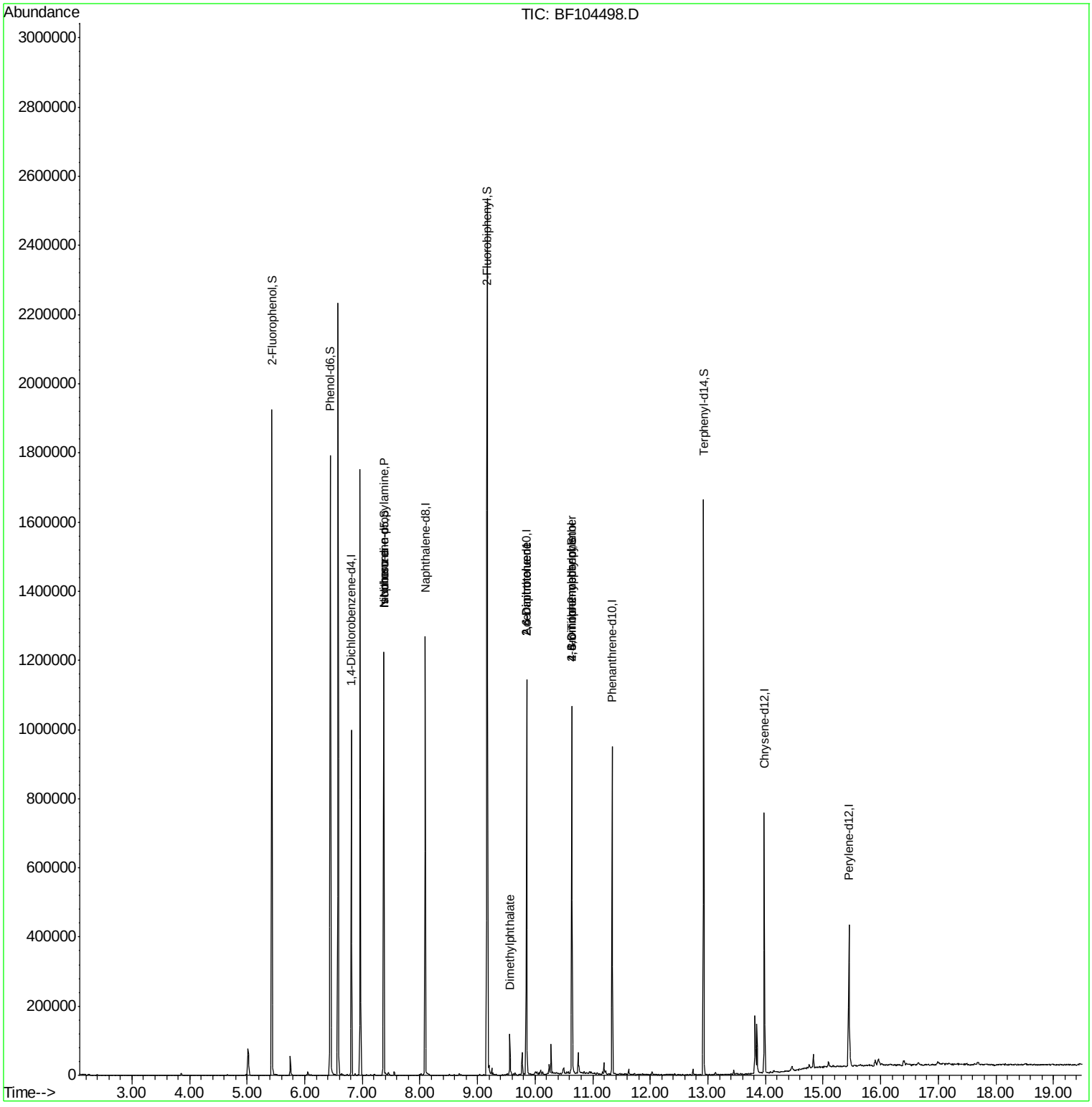
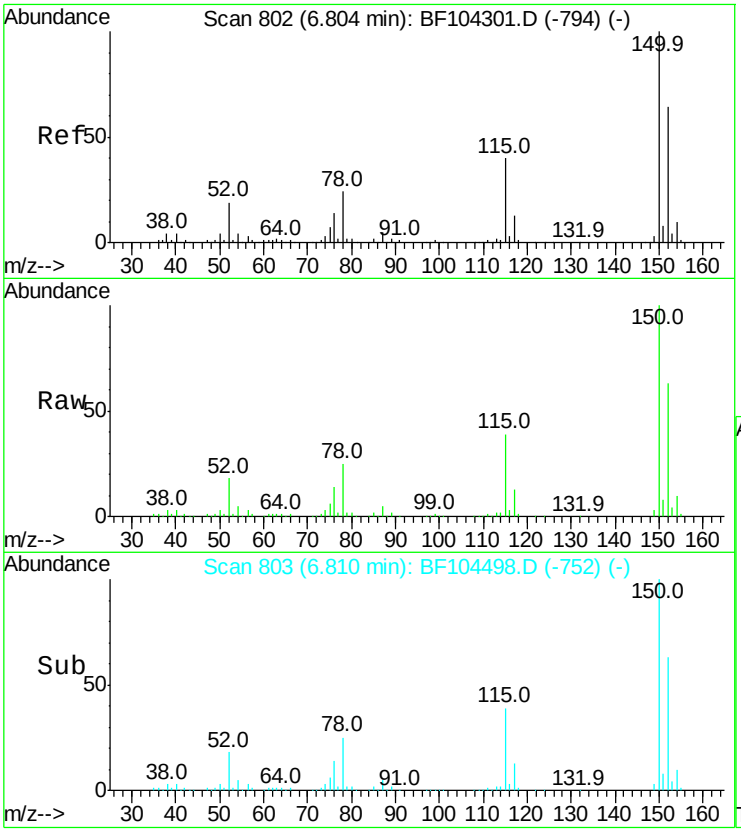


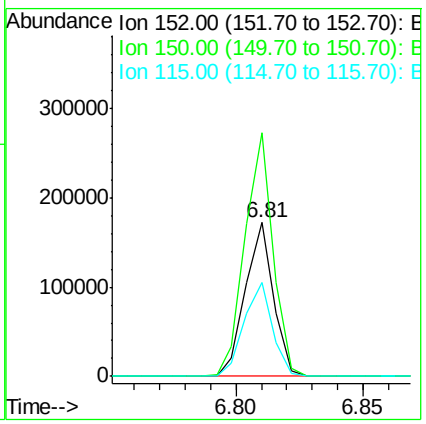


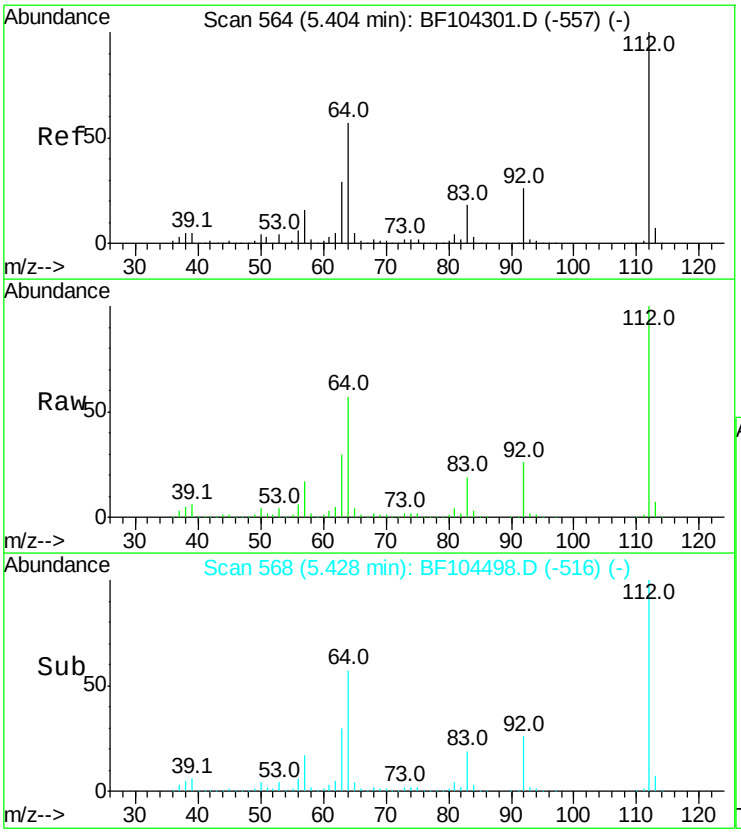
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 132878

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	61.4	50.1	75.1

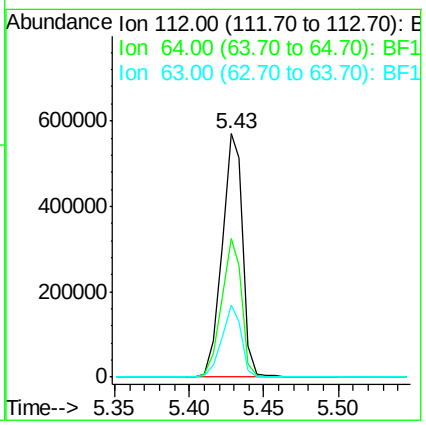


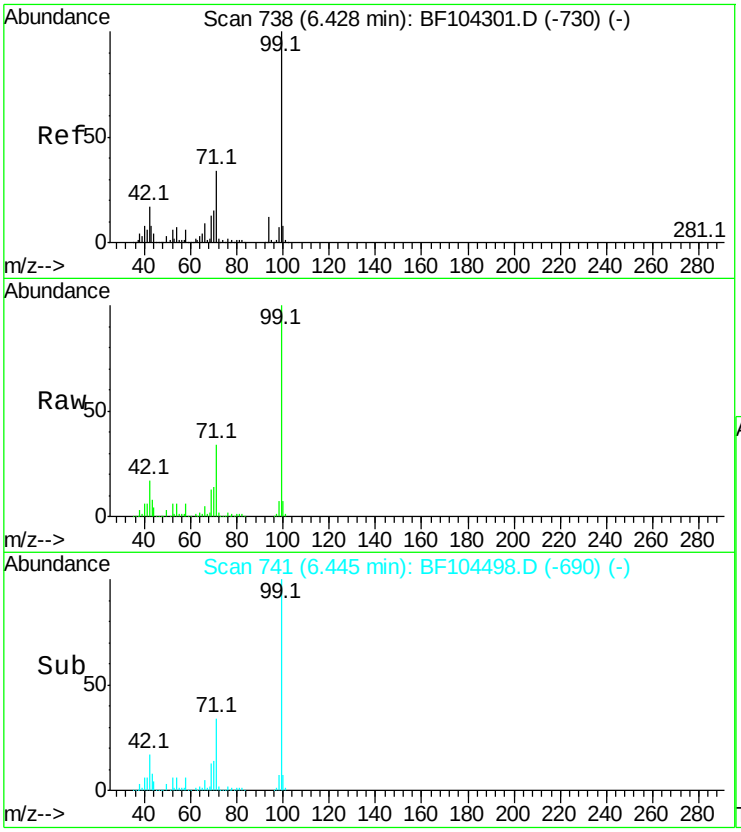


#5
2-Fluorophenol
Concen: 64.084 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:112 Resp: 556903

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	29.7	23.7	35.5



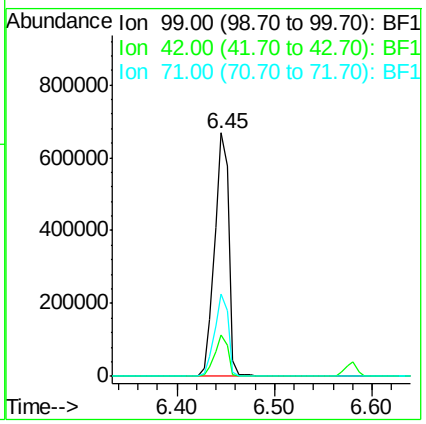


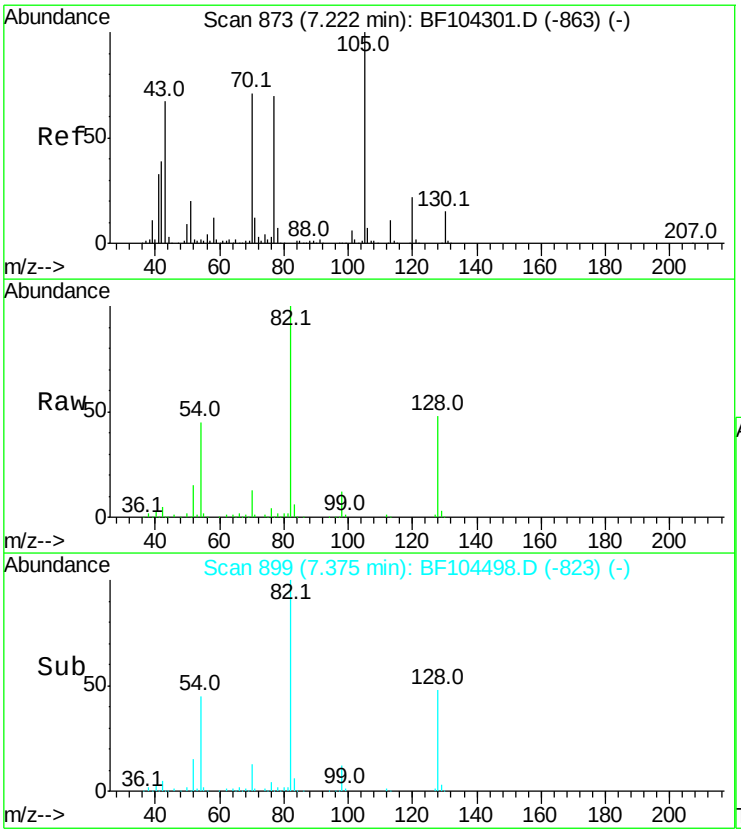
#7
Phenol-d6
Concen: 63.061 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 673327

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.5	21.7
71	33.8	25.4	38.0

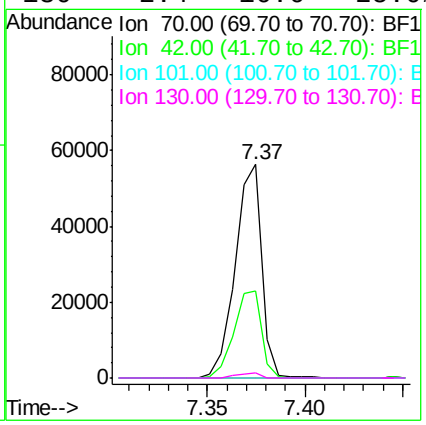


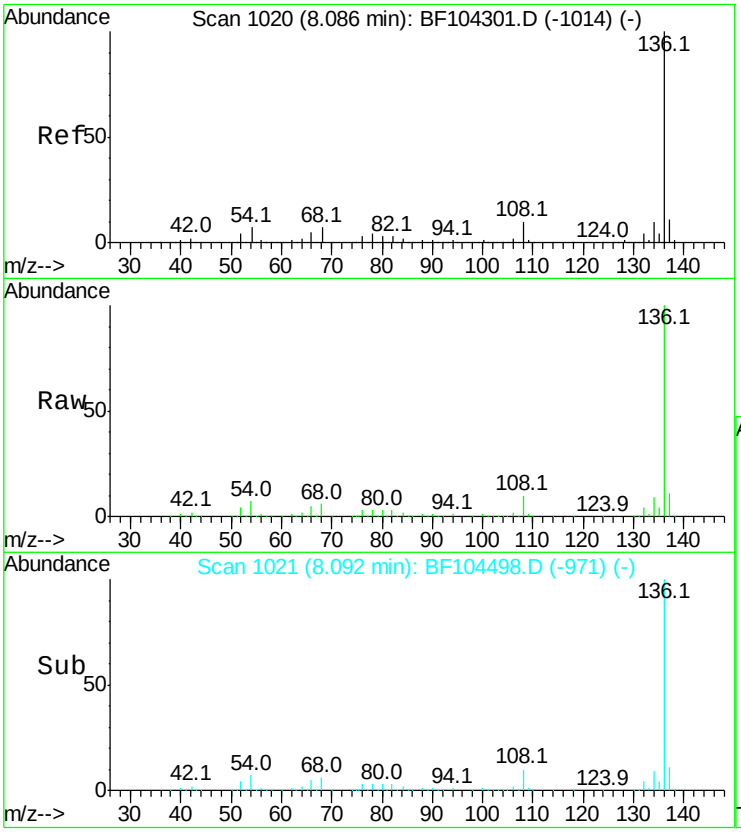


#19
n-Nitroso-di-n-propylamine
Concen: 7.587 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion: 70 Resp: 52934

Ion	Ratio	Lower	Upper
70	100		
42	40.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



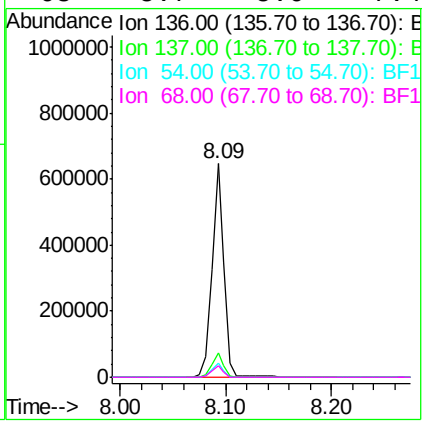


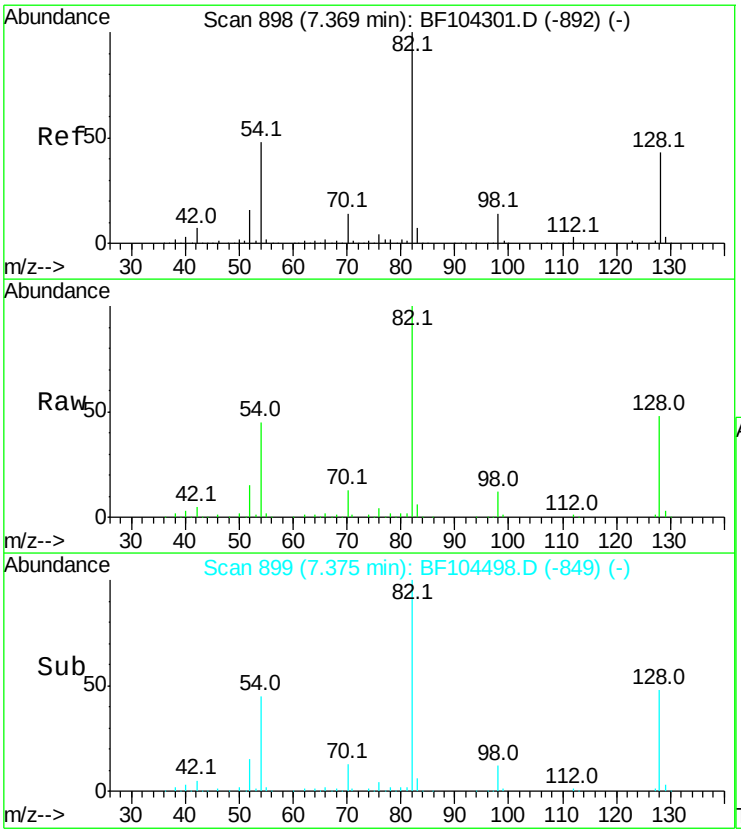
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 515697

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.7	6.6	9.8
68	5.7	5.0	7.4

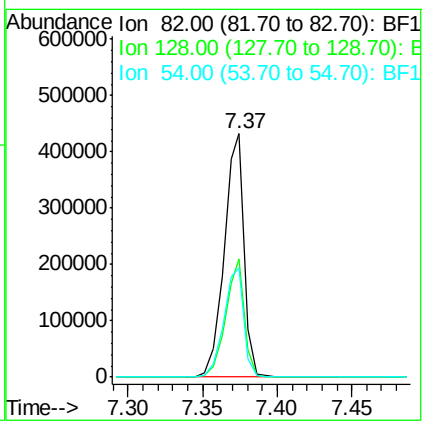


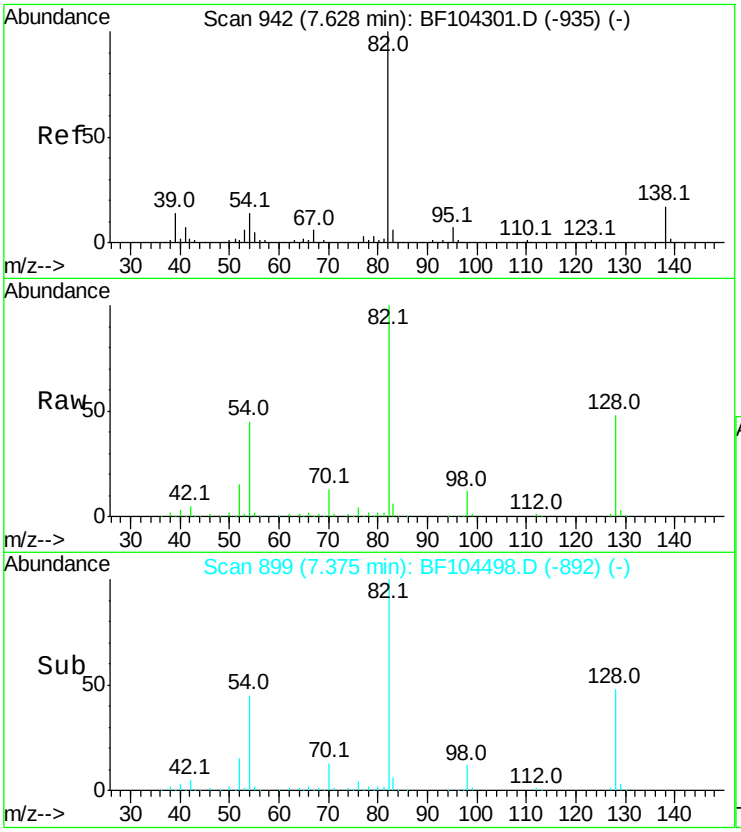


#23
Nitrobenzene-d5
Concen: 51.655 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion: 82 Resp: 407951

Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.1	54.1
54	44.7	41.4	62.2



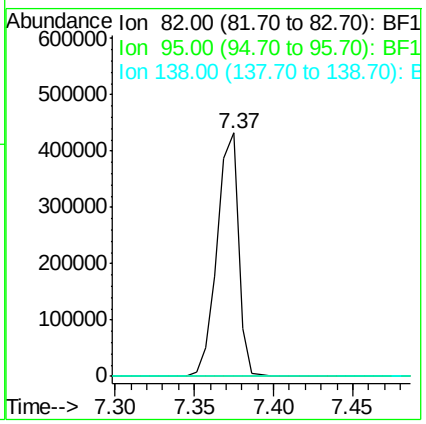


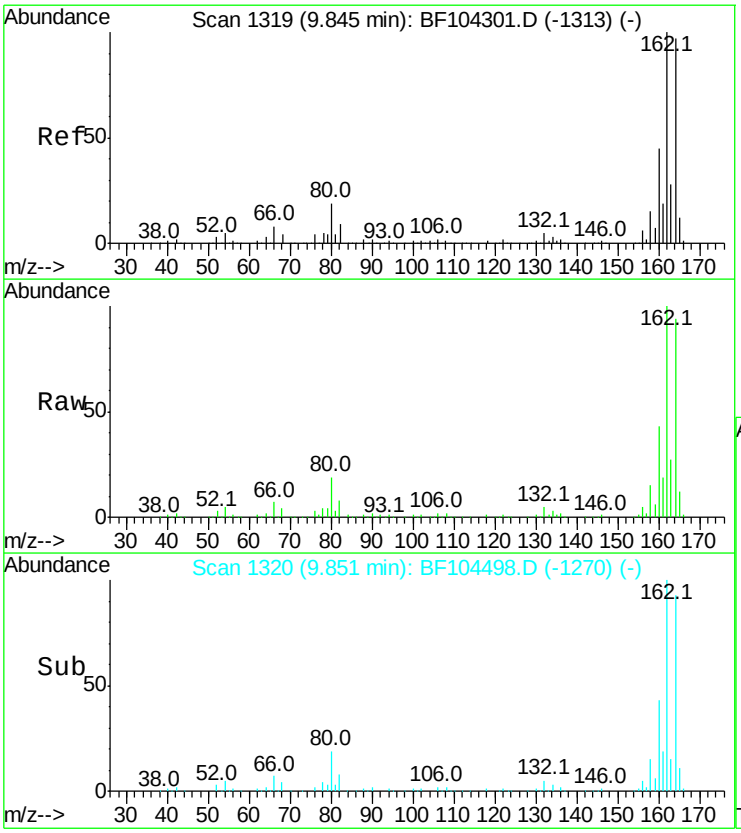
#25
Isophorone
Concen: 24.431 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 408015

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

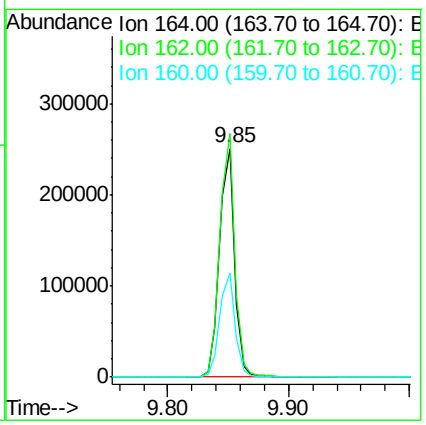


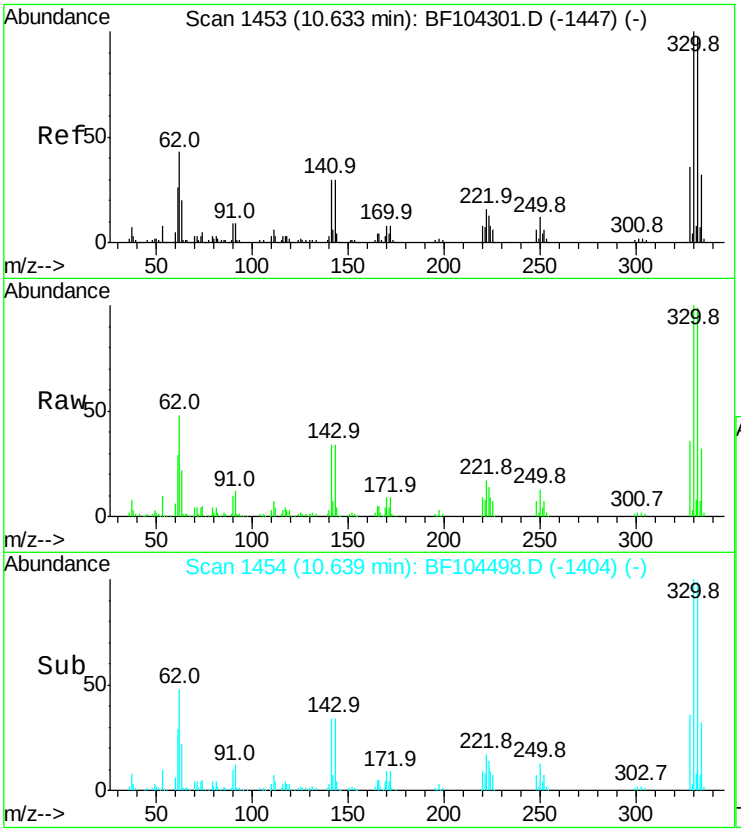


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:164 Resp: 215874

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	45.7	38.3	57.5



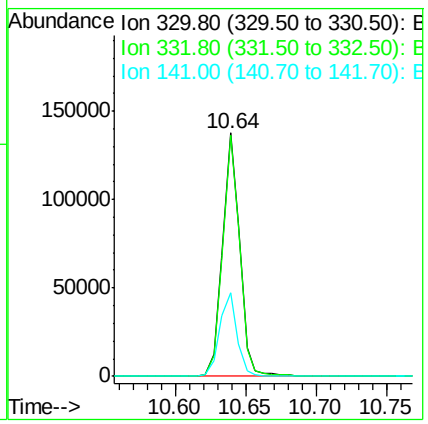


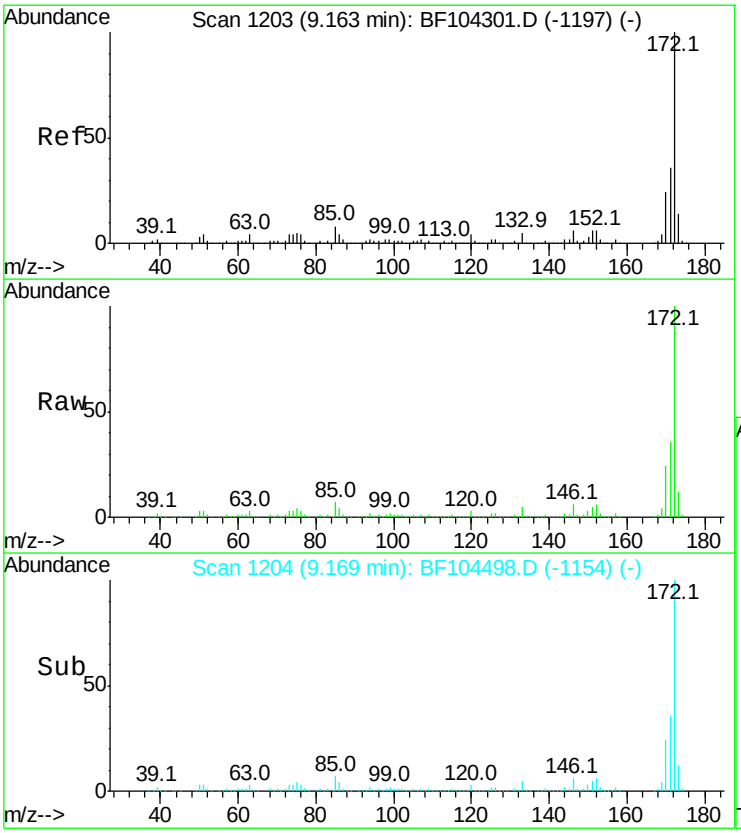
#41
2,4,6-Tribromophenol
Concen: 52.359 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 117248

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	34.8	29.9	44.9

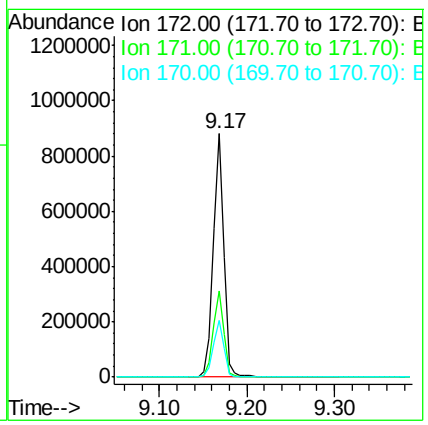


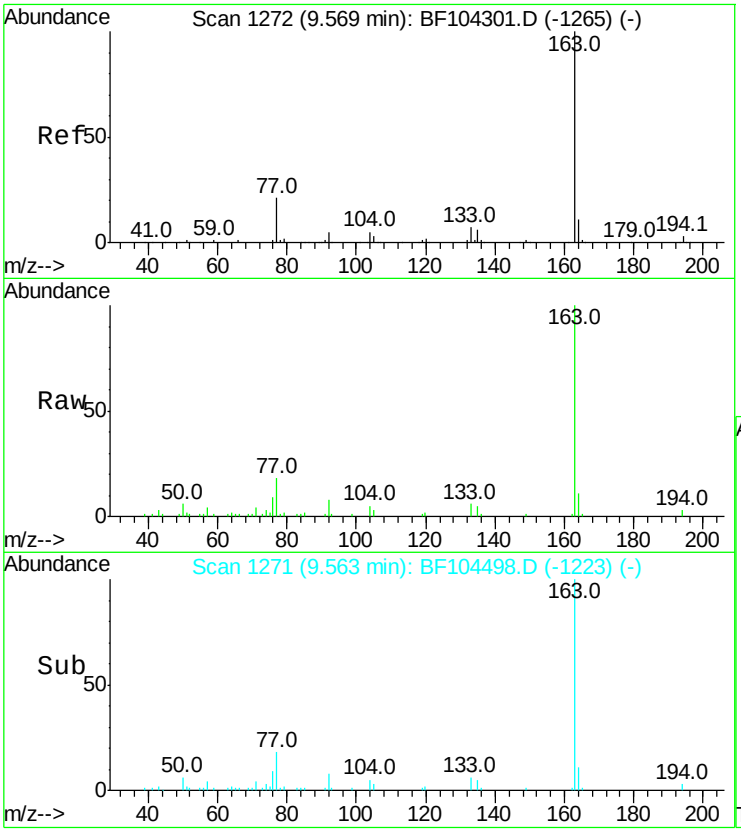


#44
2-Fluorobiphenyl
Concen: 54.706 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:172 Resp: 747561

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.5	19.6	29.4



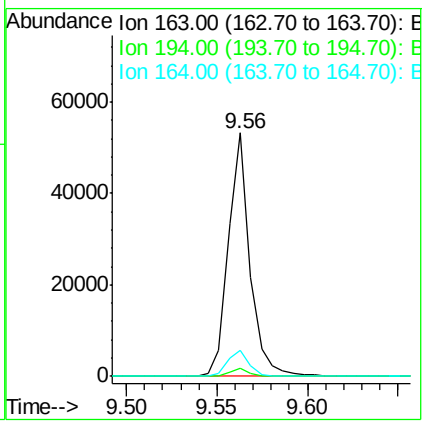


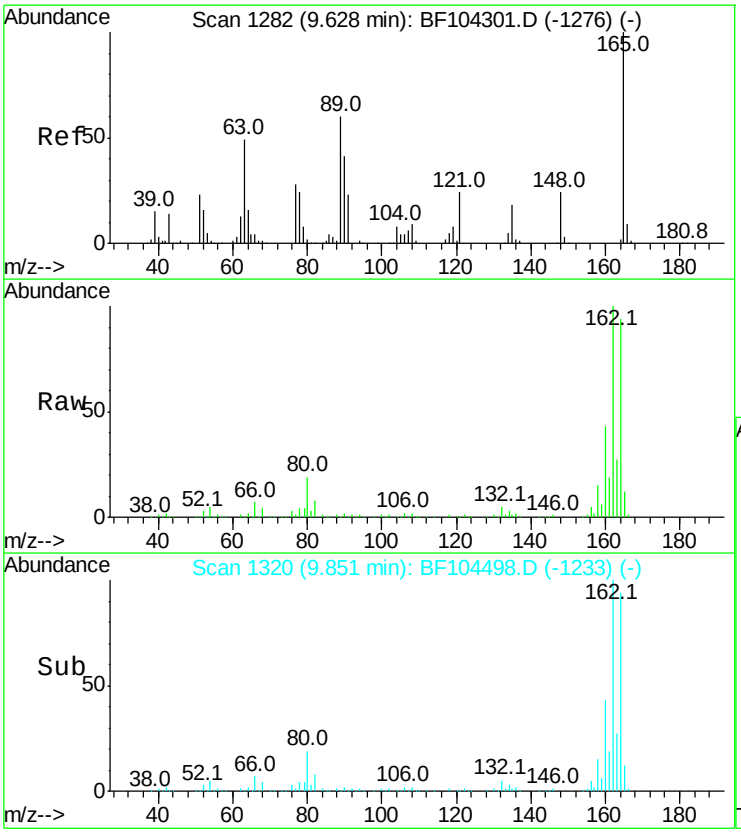
#49
Dimethylphthalate
Concen: 2.606 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 44358

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.8	8.2	12.2

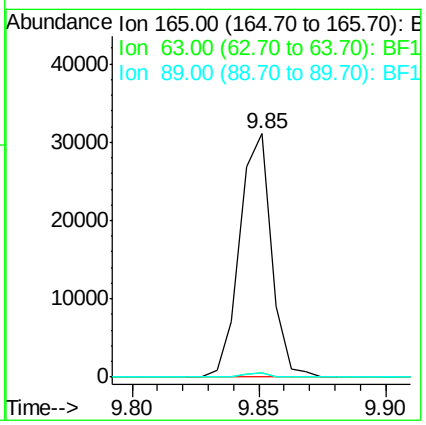


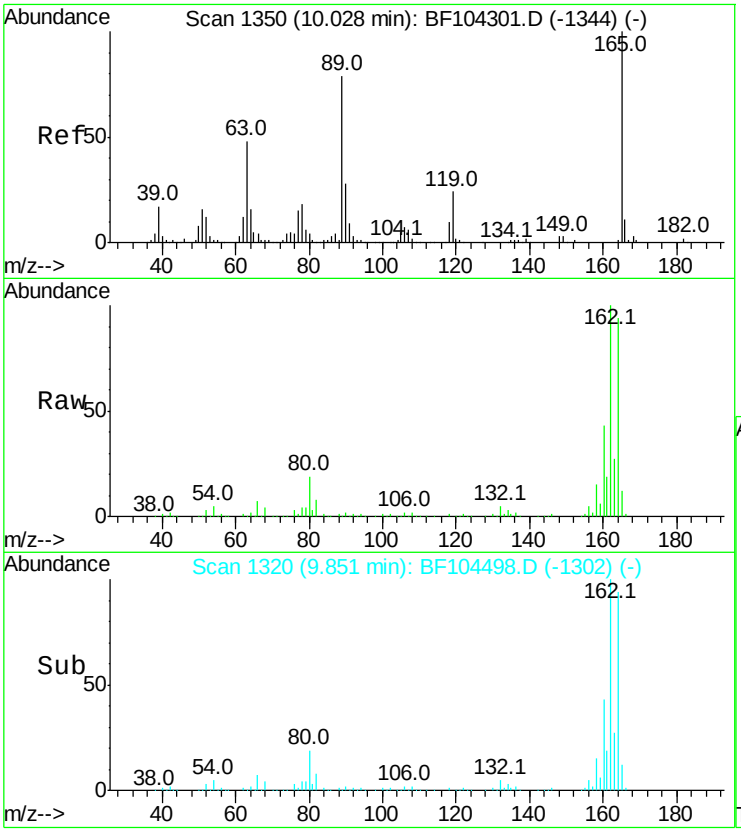


#50
2,6-Dinitrotoluene
Concen: 8.579 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:165 Resp: 27023

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.9	44.0	66.0#



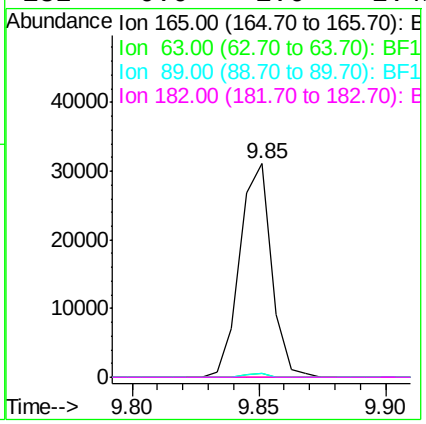


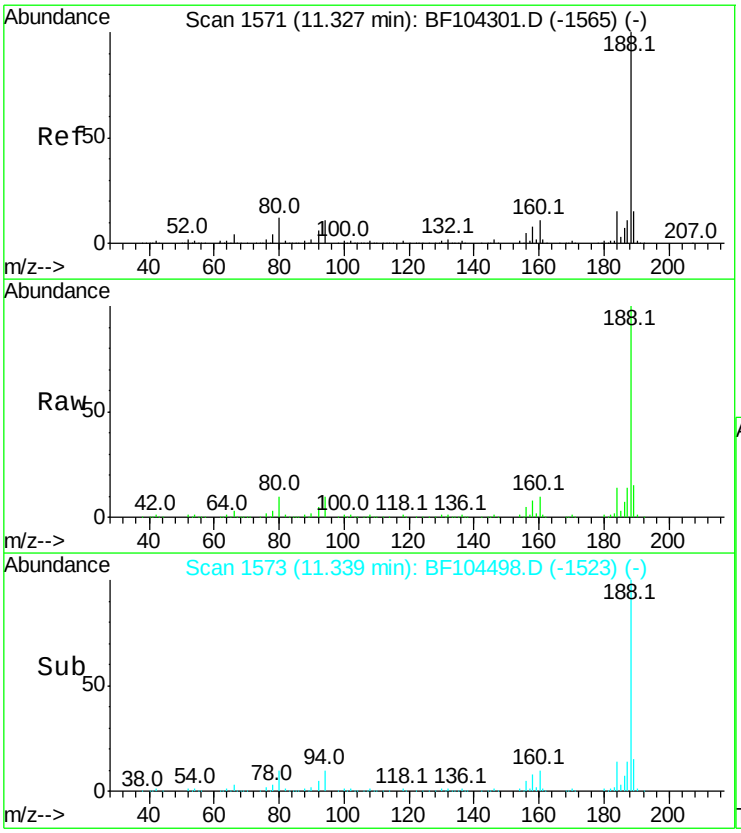
#56
2,4-Dinitrotoluene
Concen: 6.540 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27023

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

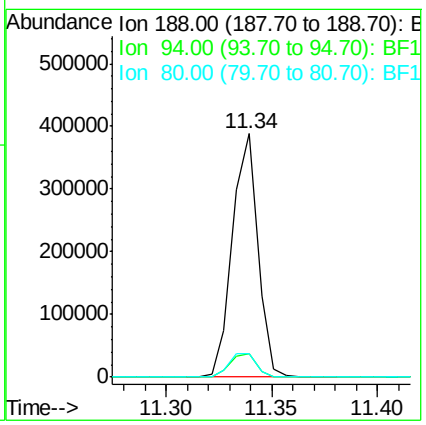


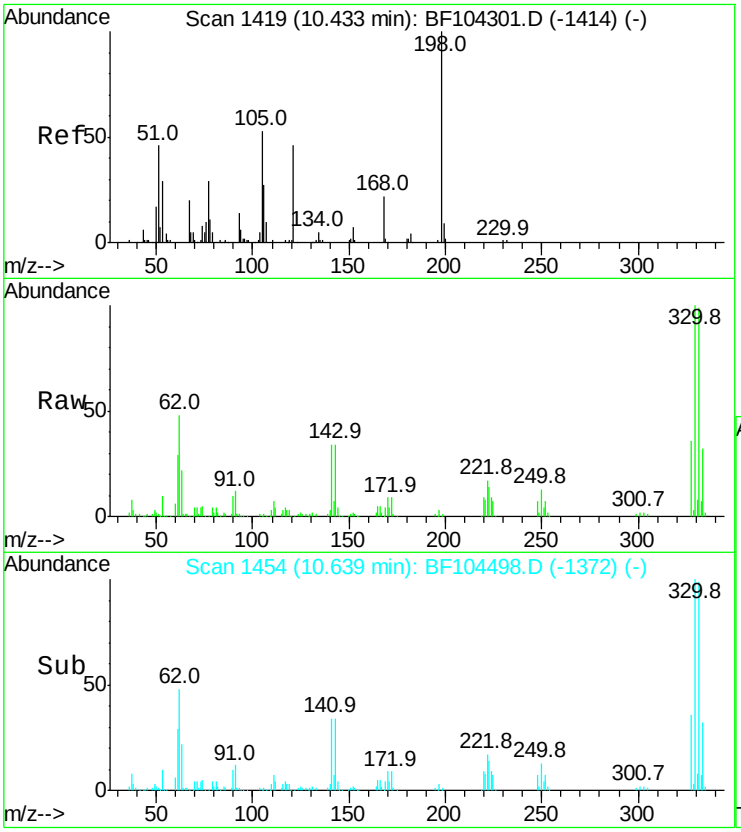


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:188 Resp: 322691

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.7	9.2	13.8



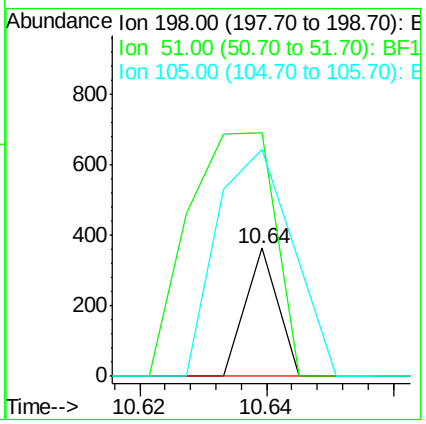


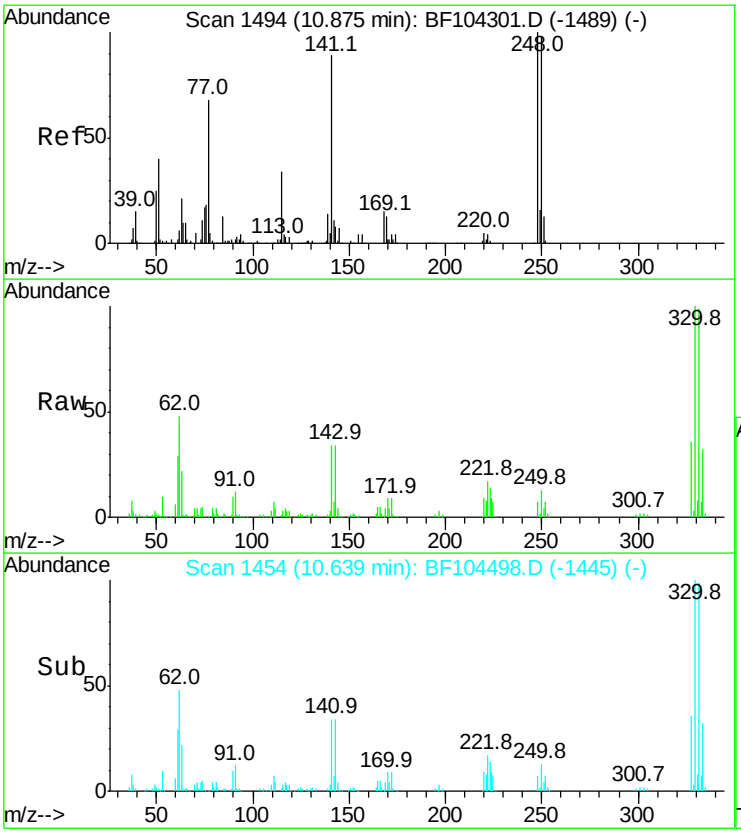
#64
4,6-Dinitro-2-methylphenol
Concen: 7.416 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 128

Ion	Ratio	Lower	Upper
198	100		
51	190.6	37.7	77.7#
105	177.9	36.3	76.3#

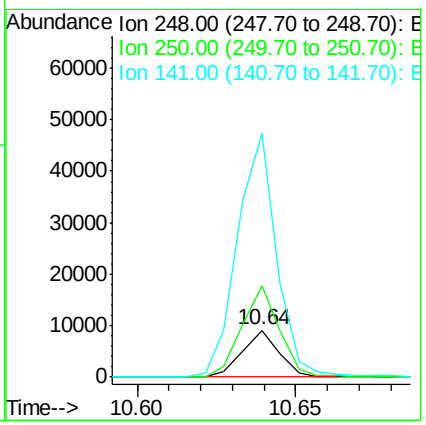


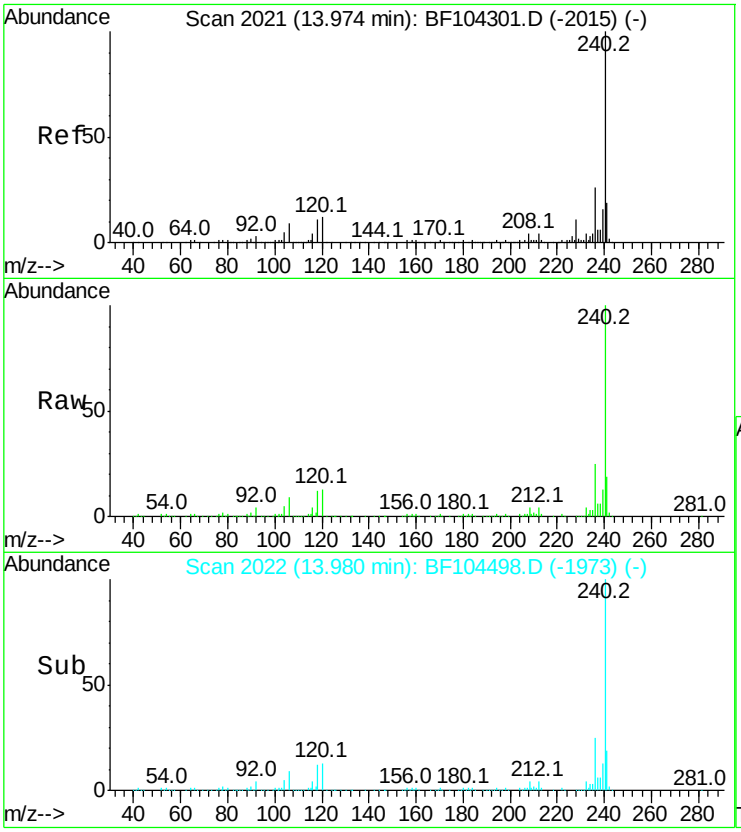


#66
4-Bromophenyl-phenylether
Concen: 2.119 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:248 Resp: 7272

Ion	Ratio	Lower	Upper
248	100		
250	196.4	76.9	115.3#
141	522.8	74.4	111.6#



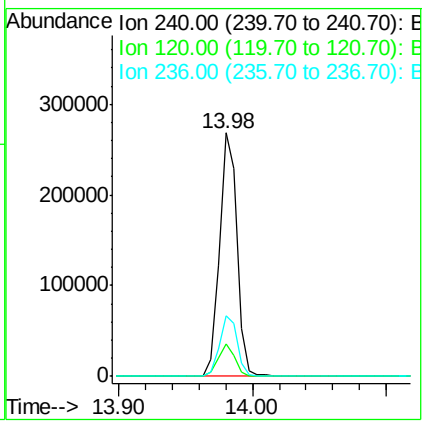


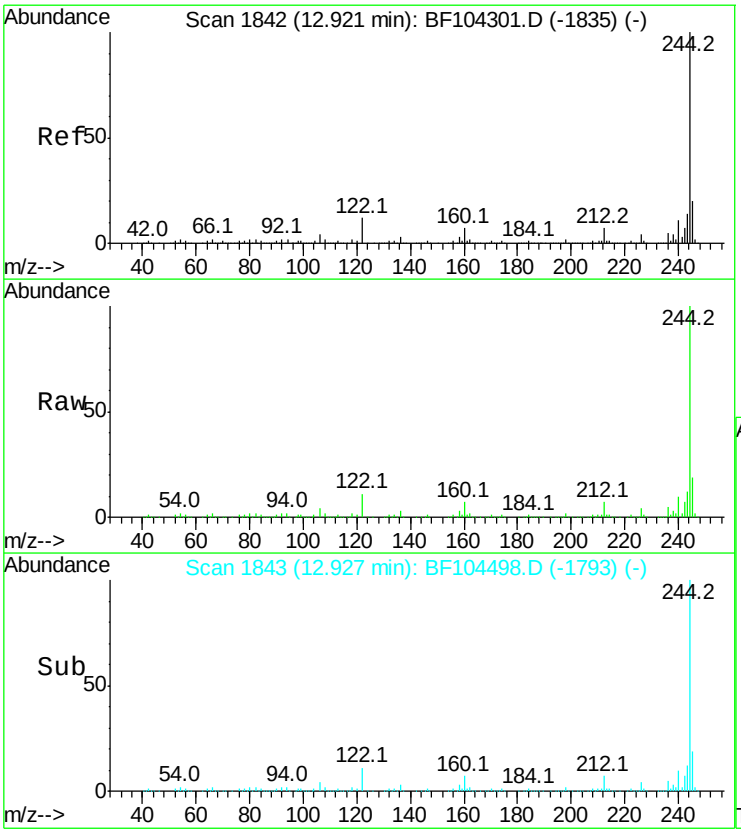
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 248928

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	24.9	20.7	31.1

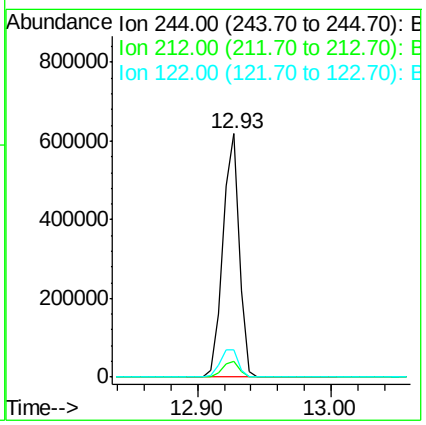


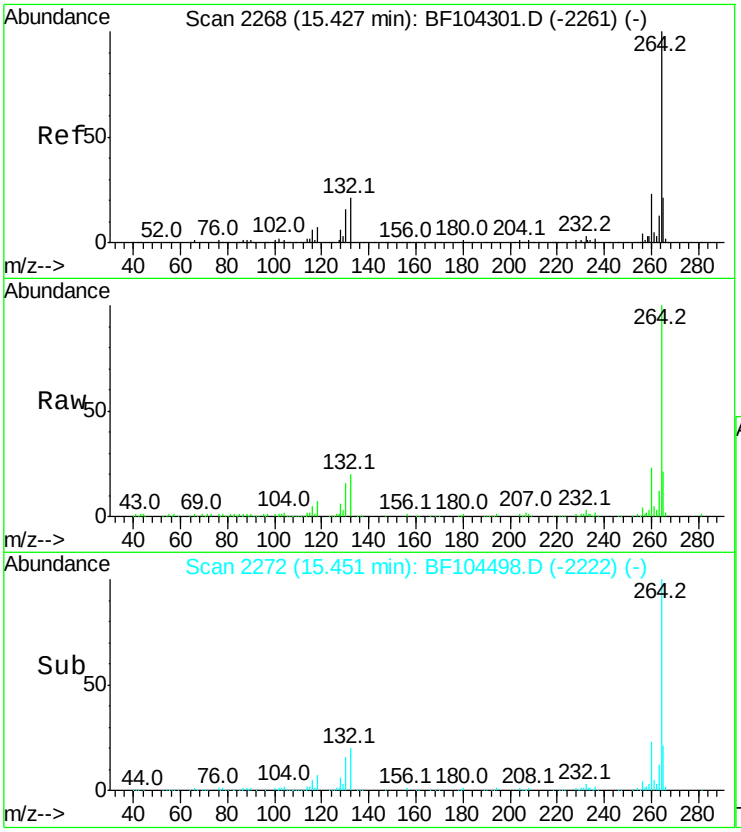


#78
Terphenyl-d14
Concen: 49.344 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:244 Resp: 538768

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 183831

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.6	17.5	26.3