Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104959.D
Acq On : 1 May 2018 3:52
Operator : JU/SJ
Sample : J2617-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 01 04:44:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118909	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	477123	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	202160	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	311069	20.00	ng		0.00
75) Chrysene-d12	13.96	240	226416	20.00	ng		-0.01
86) Perylene-d12	15.43	264	180944	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	247445	31.82	ng		0.00
7) Phenol-d6	6.42	99	181839	19.03	ng		-0.02
23) Nitrobenzene-d5	7.36	82	634452	86.83	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	146796	70.00	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	1099234	85.90	ng		0.00
78) Terphenyl-d14	12.90	244	810522	81.61	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	82434	13.20	ng	#	72
25) Isophorone	7.36	82	634447	41.06	ng	#	64
49) Dimethylphthalate	9.55	163	60931	3.82	ng		99
50) 2,6-Dinitrotoluene	9.83	165	25031	8.49	ng	#	26
56) 2,4-Dinitrotoluene	9.83	165	25031	6.47	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.62	198	149	7.43	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	8506	2.57	ng	#	1
76) Benzidine	12.90	184	10436	Below Cal		#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
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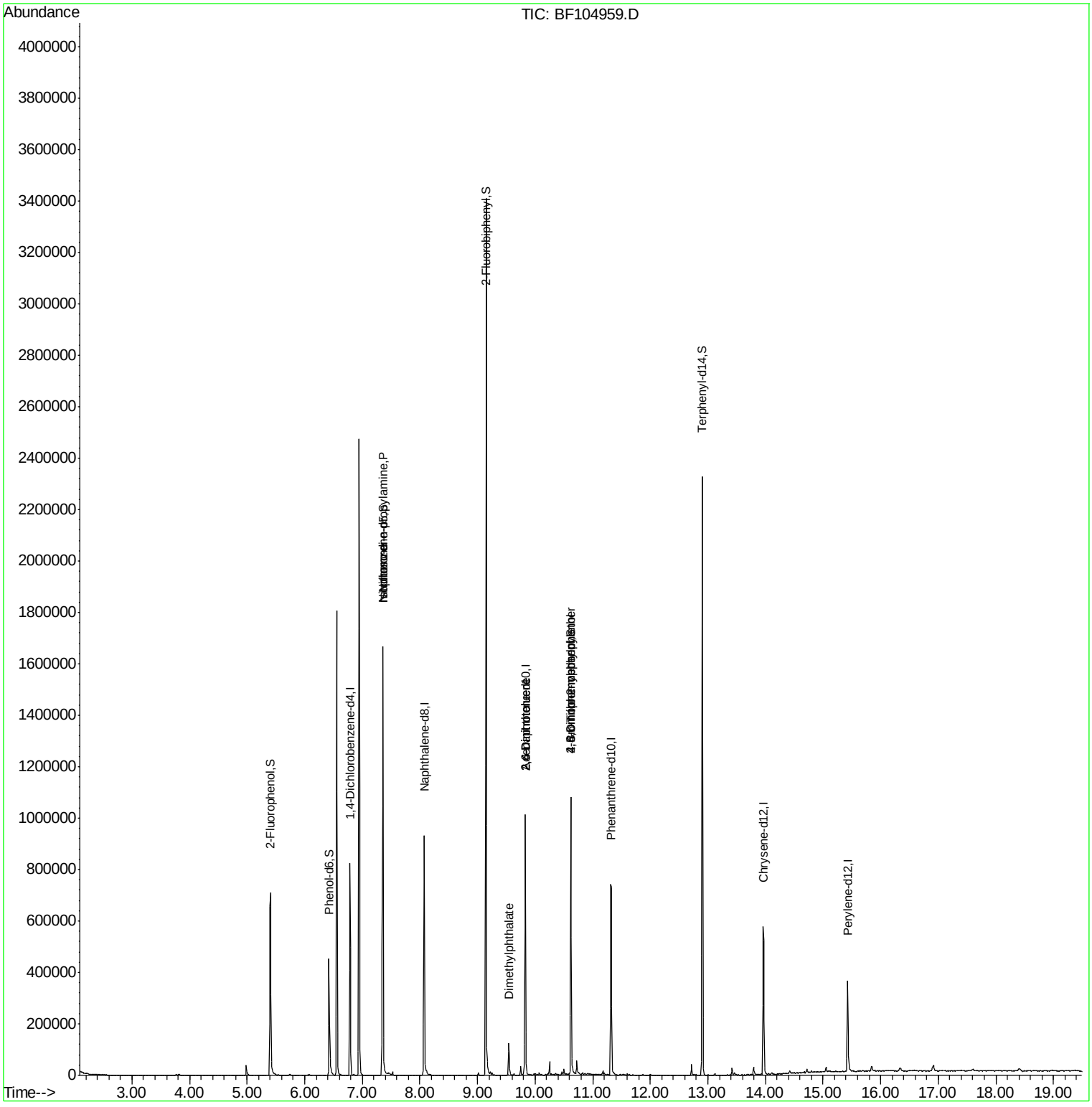
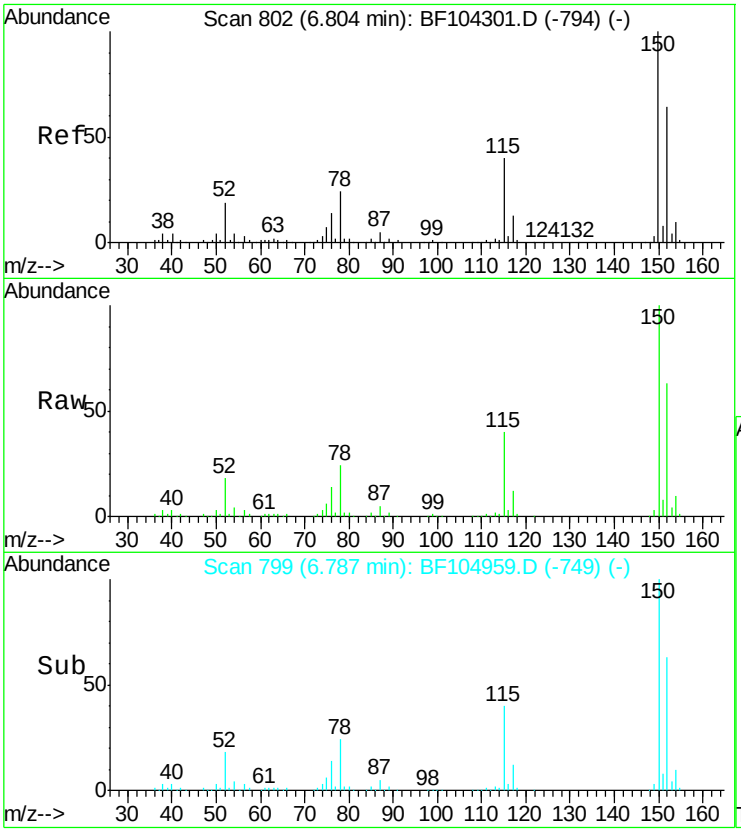
Acq On : 1 May 2018 3:52
Operator : JU/SJ
Sample : J2617-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 04:44:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration



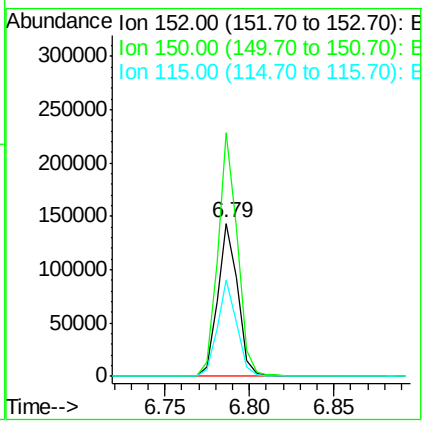


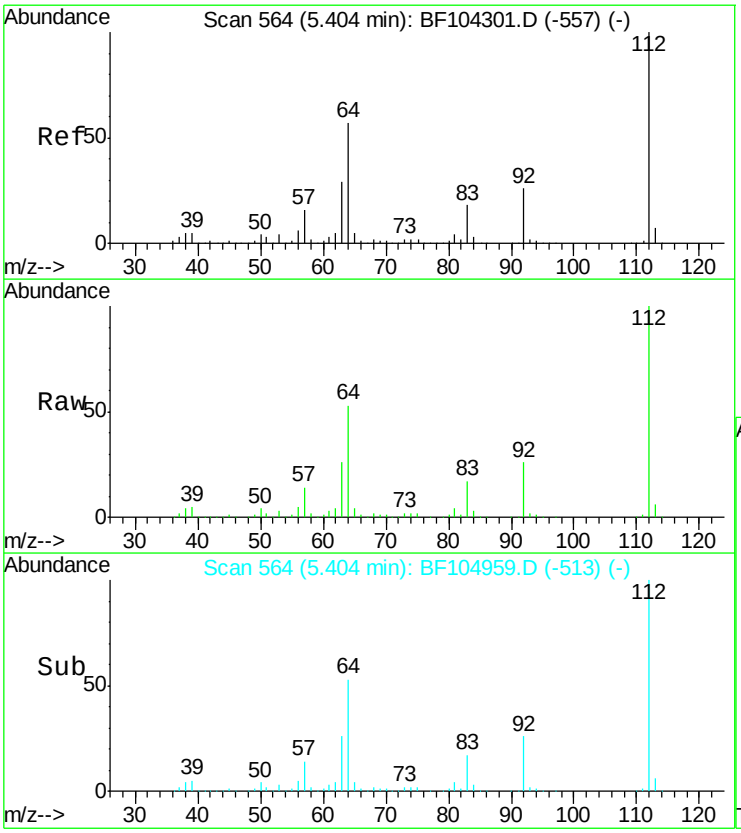
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 118909

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	63.2	50.1	75.1

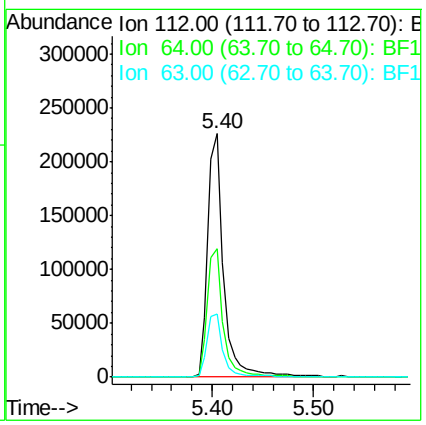


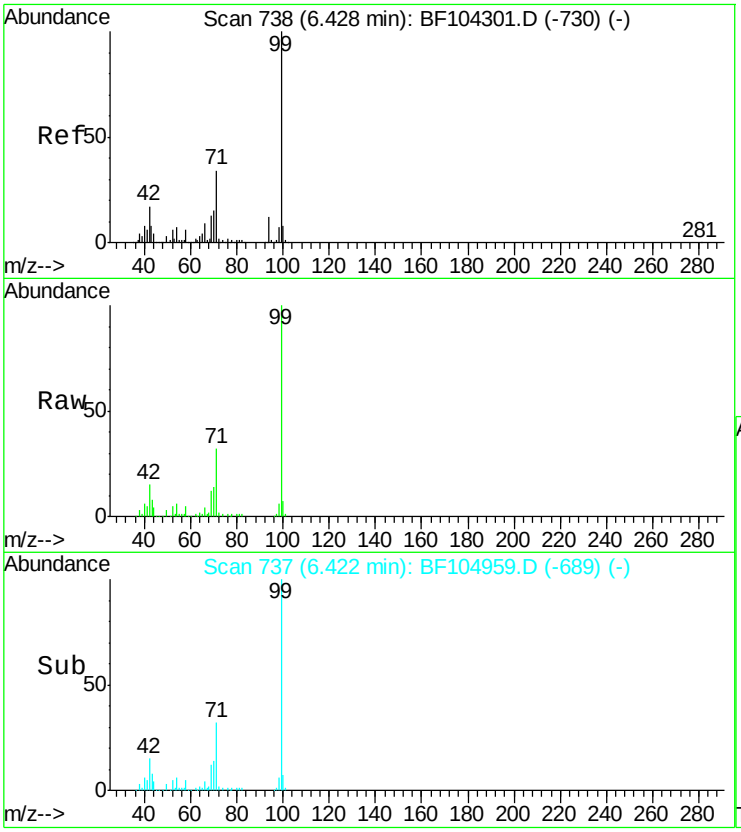


#5
2-Fluorophenol
Concen: 31.82 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Tgt Ion:112 Resp: 247445

Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	25.8	23.7	35.5



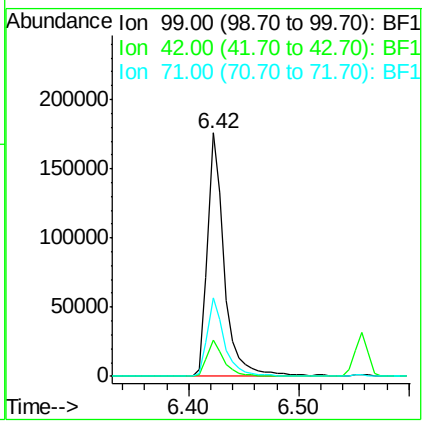


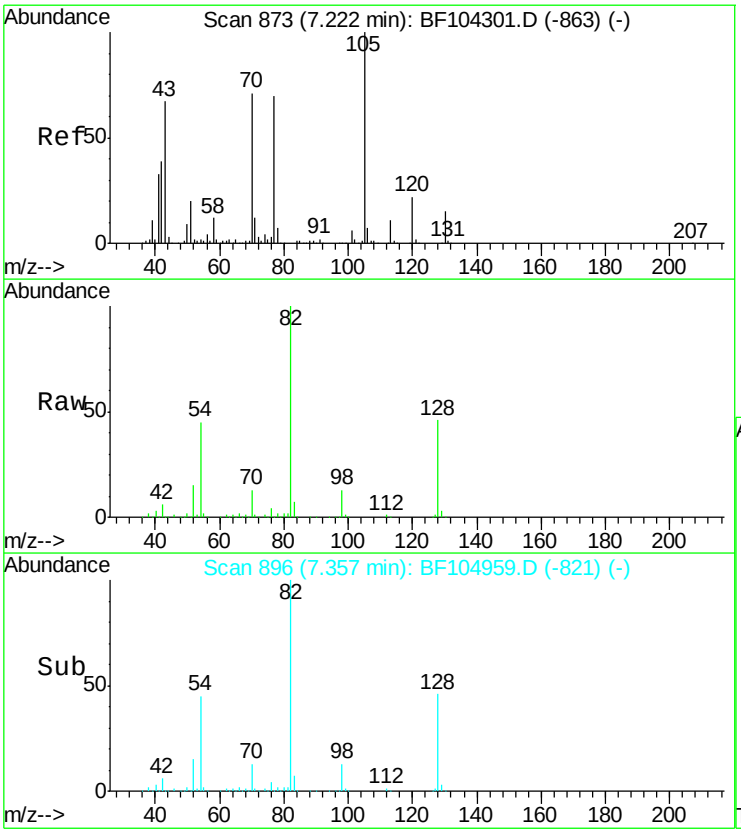
#7
Phenol-d6
Concen: 19.03 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 181839

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	32.4	25.4	38.0

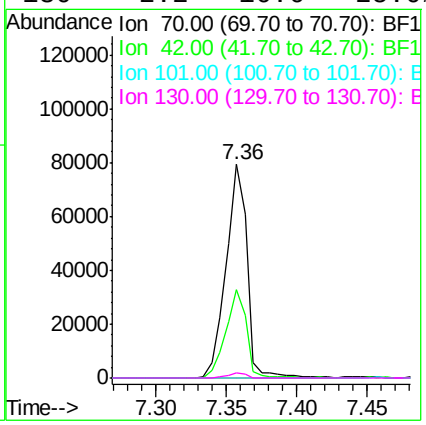


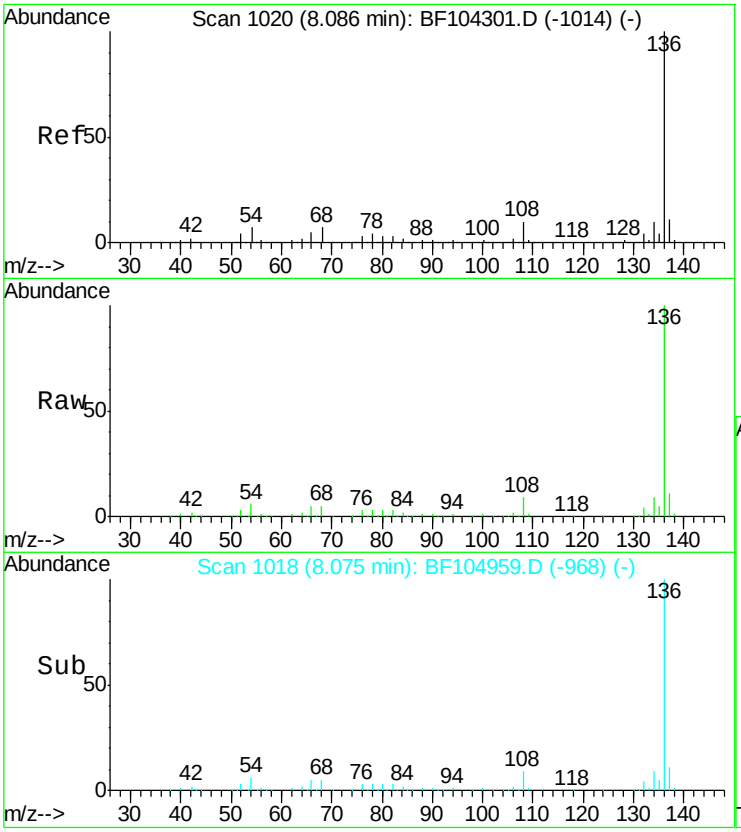


#19
n-Nitroso-di-n-propylamine
Concen: 13.20 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Tgt Ion: 70 Resp: 82434

Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



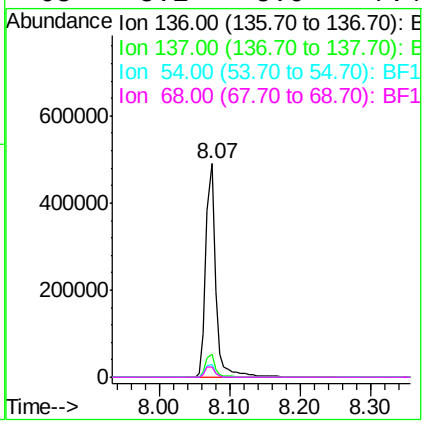


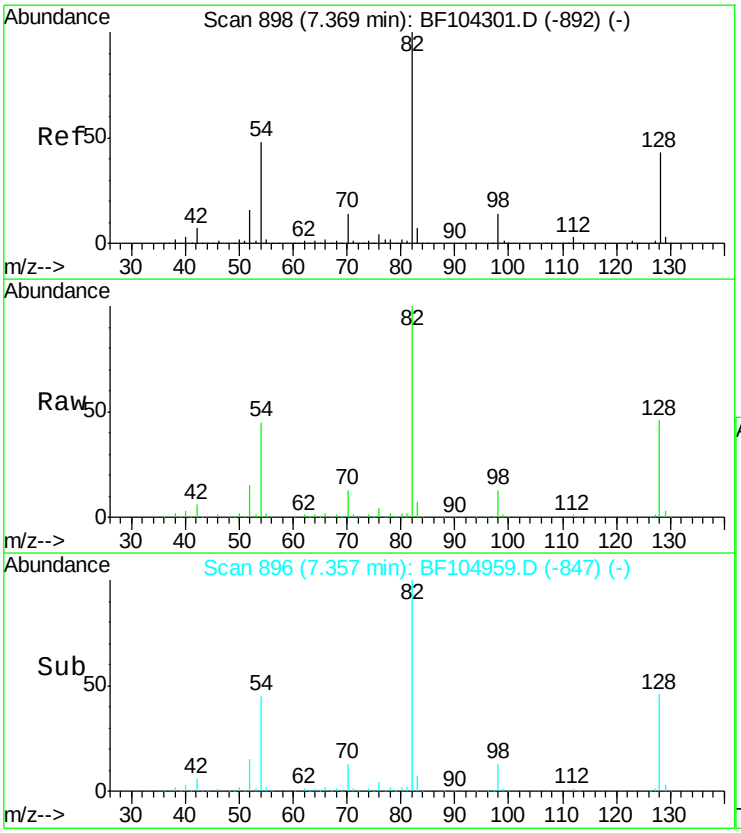
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 477123

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.8	6.6	9.8#
68	5.1	5.0	7.4

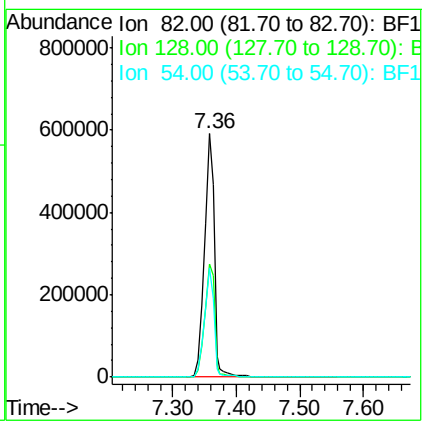


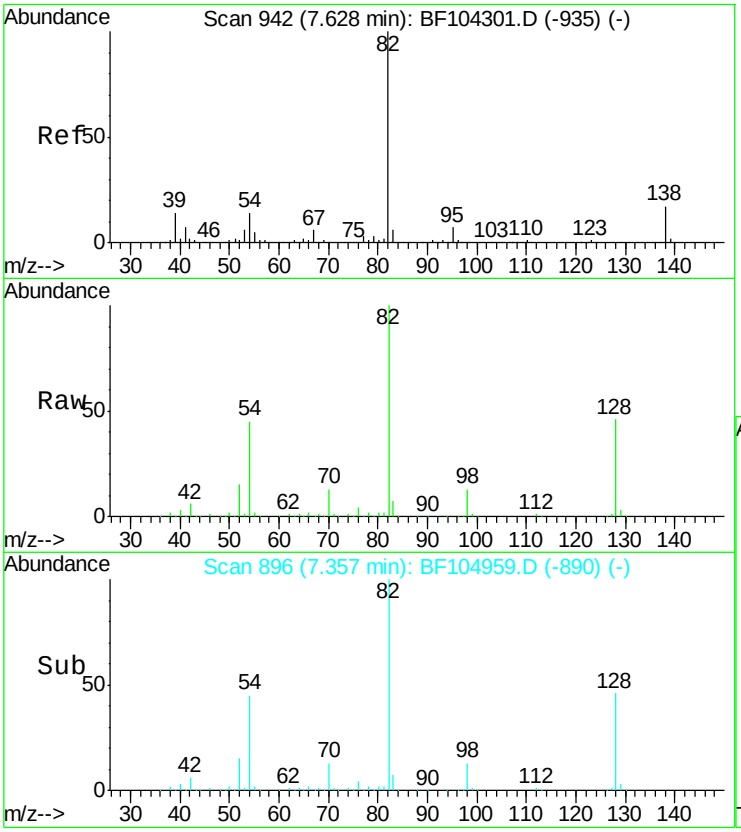


#23
Nitrobenzene-d5
Concen: 86.83 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Tgt Ion: 82 Resp: 634452

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	45.1	41.4	62.2



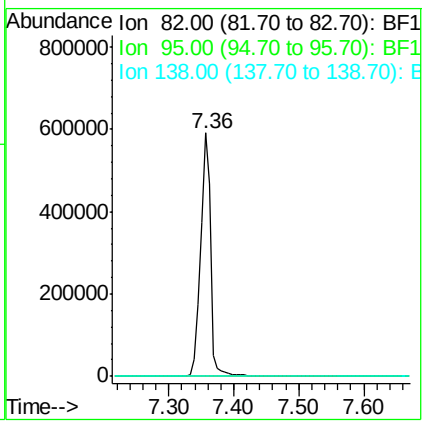


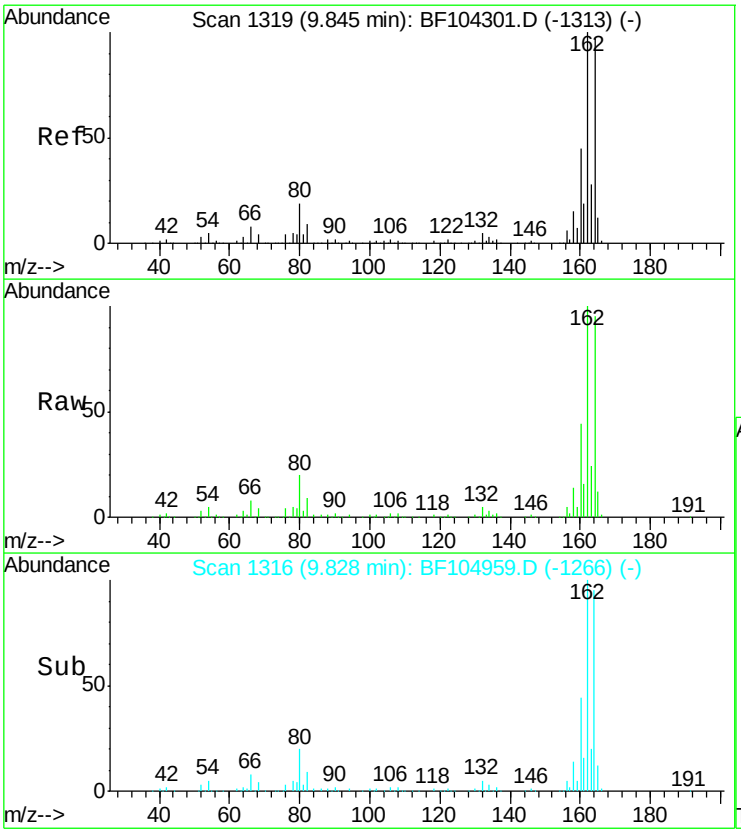
#25
Isophorone
Concen: 41.06 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 634447

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

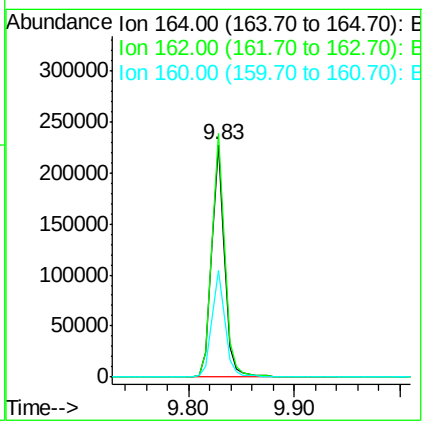


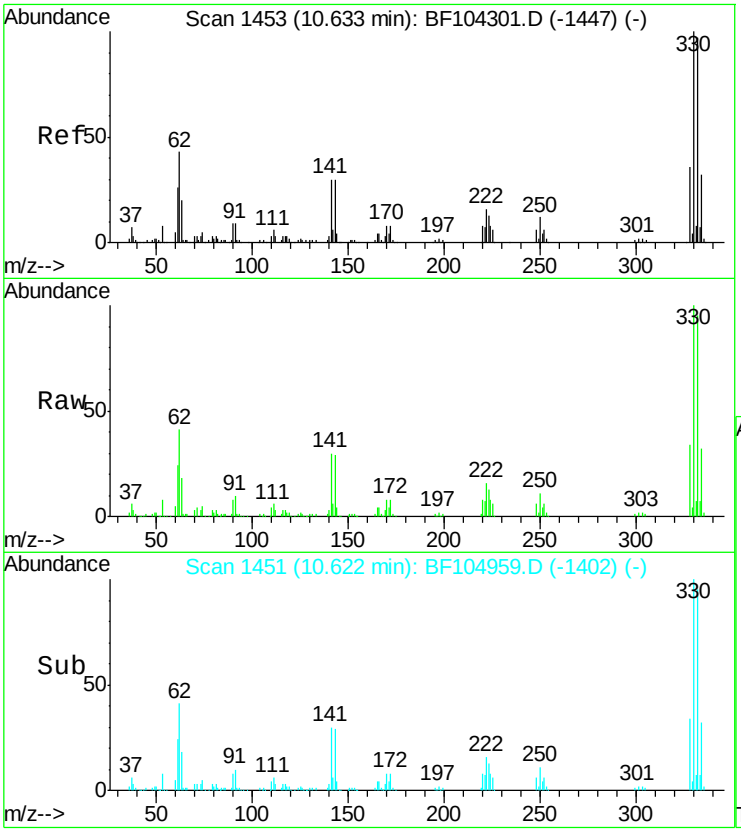


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Tgt Ion:164 Resp: 202160

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.1	38.3	57.5



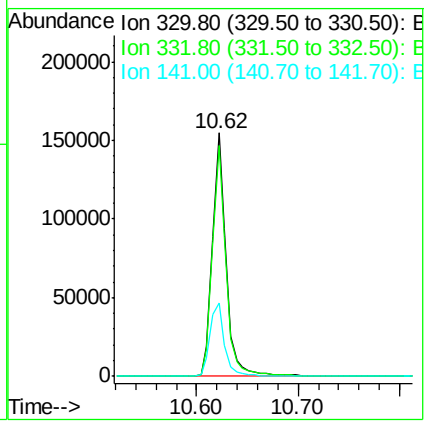


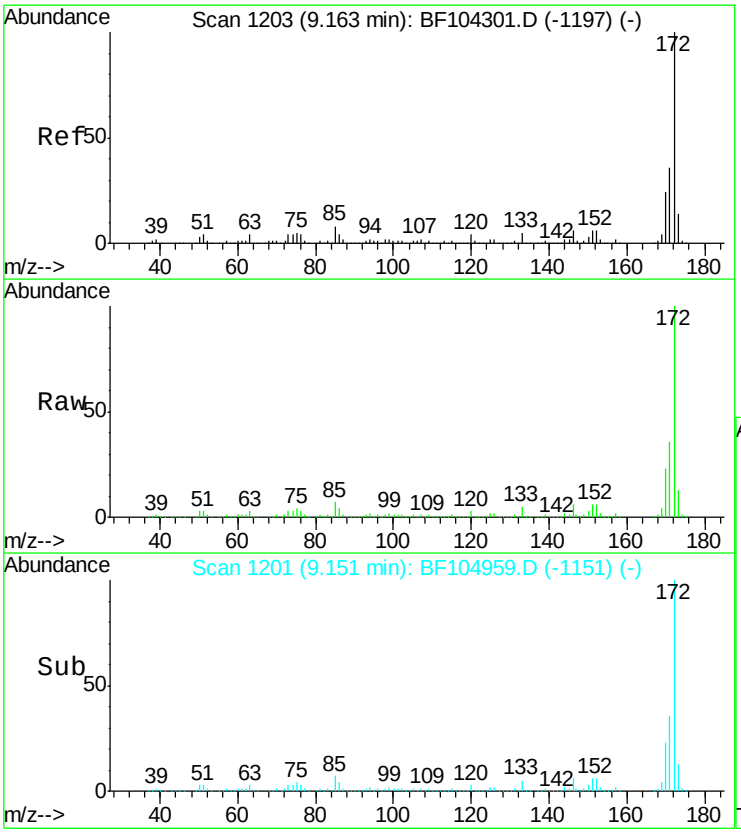
#41
2,4,6-Tribromophenol
Concen: 70.00 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 146796

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.1	29.9	44.9

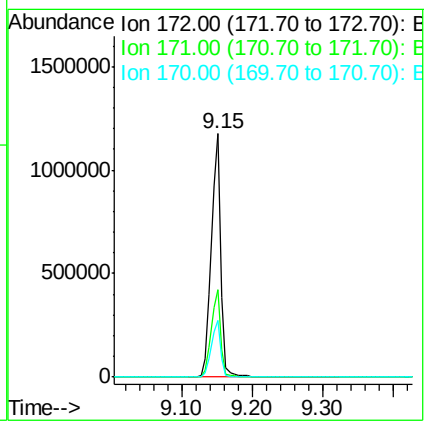


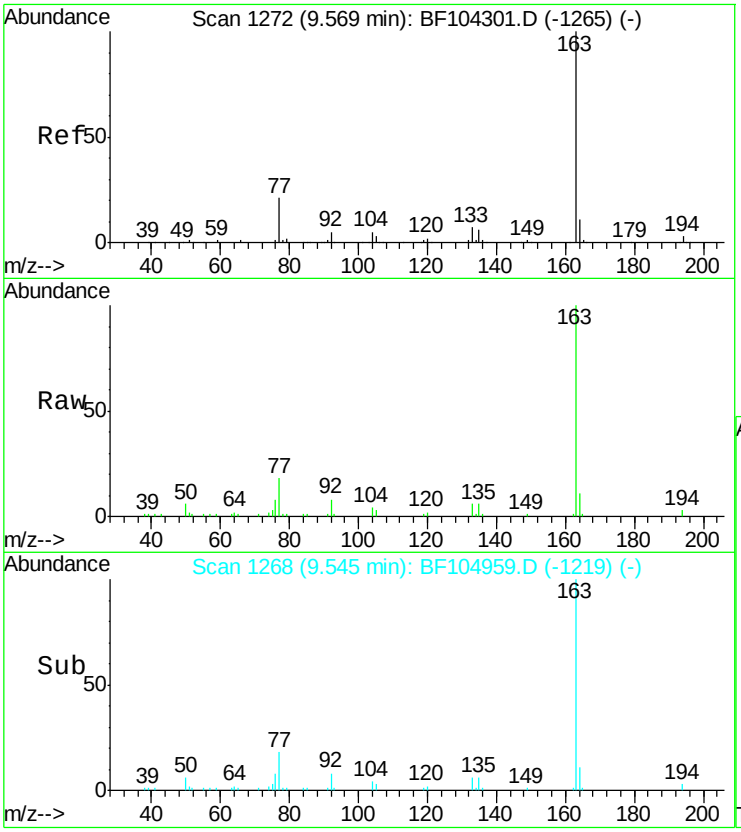


#44
2-Fluorobiphenyl
Concen: 85.90 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Tgt Ion:172 Resp: 1099234

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.4	19.6	29.4



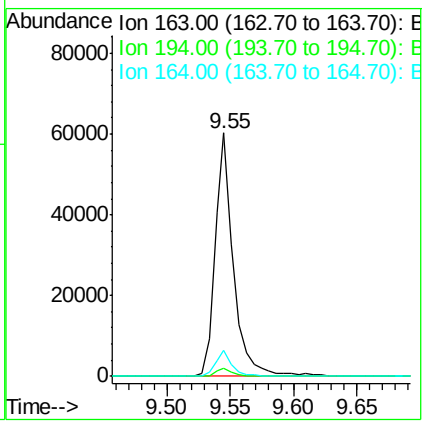


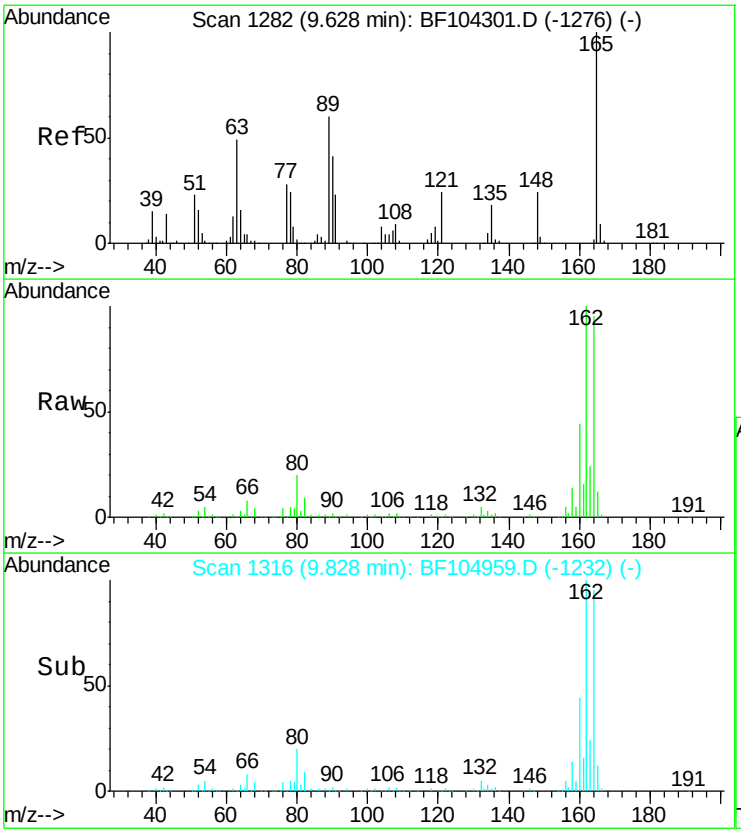
#49
Dimethylphthalate
Concen: 3.82 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 60931

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.8	8.2	12.2

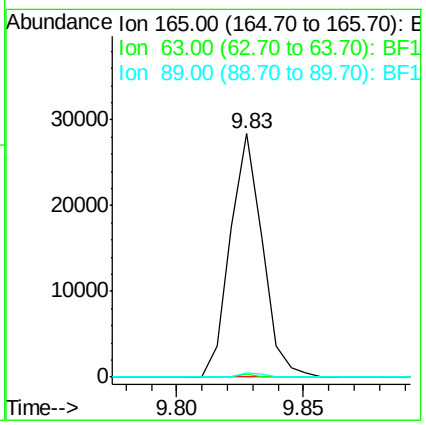


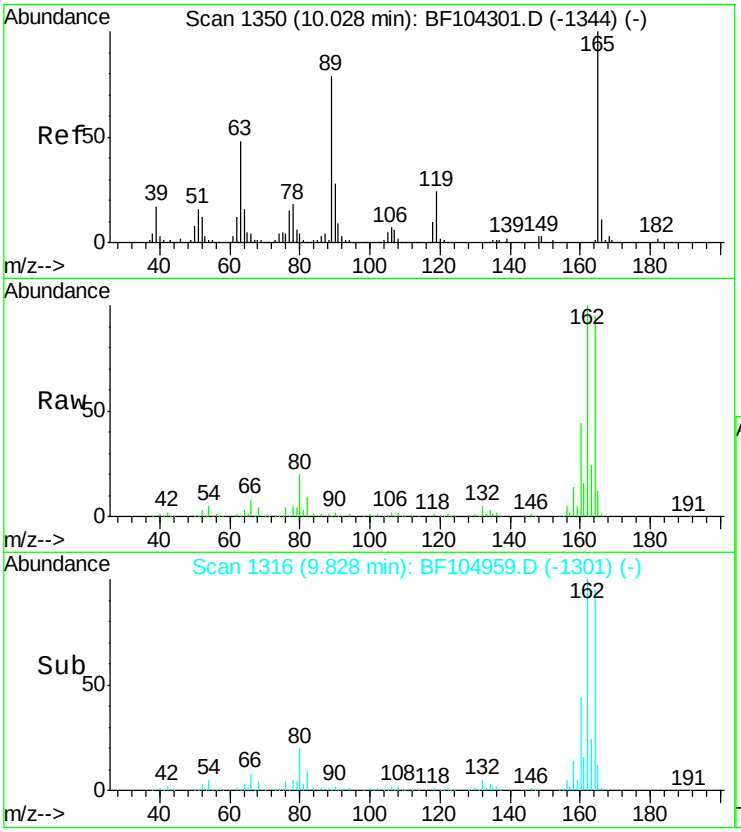


#50
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Tgt Ion:165 Resp: 25031

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.6	44.0	66.0#



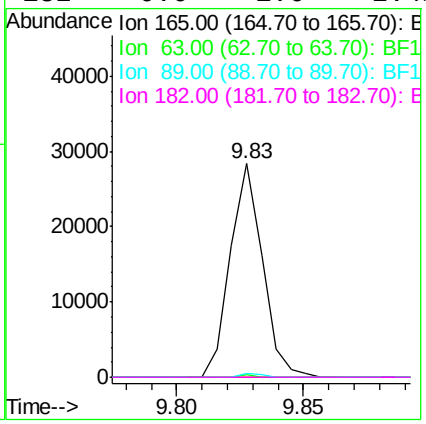


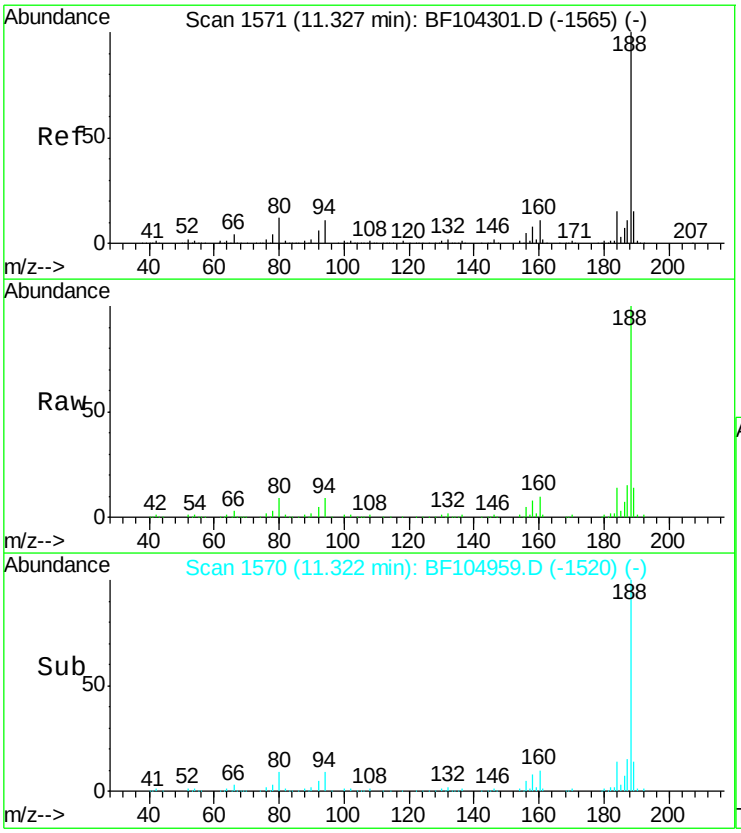
#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25031

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

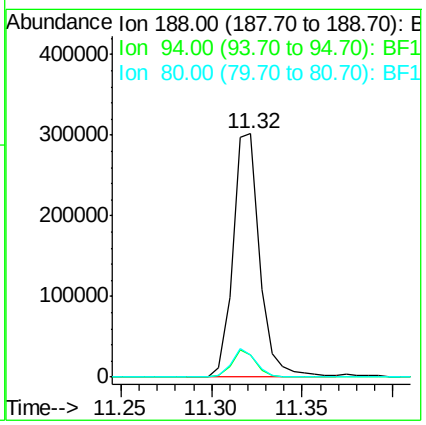


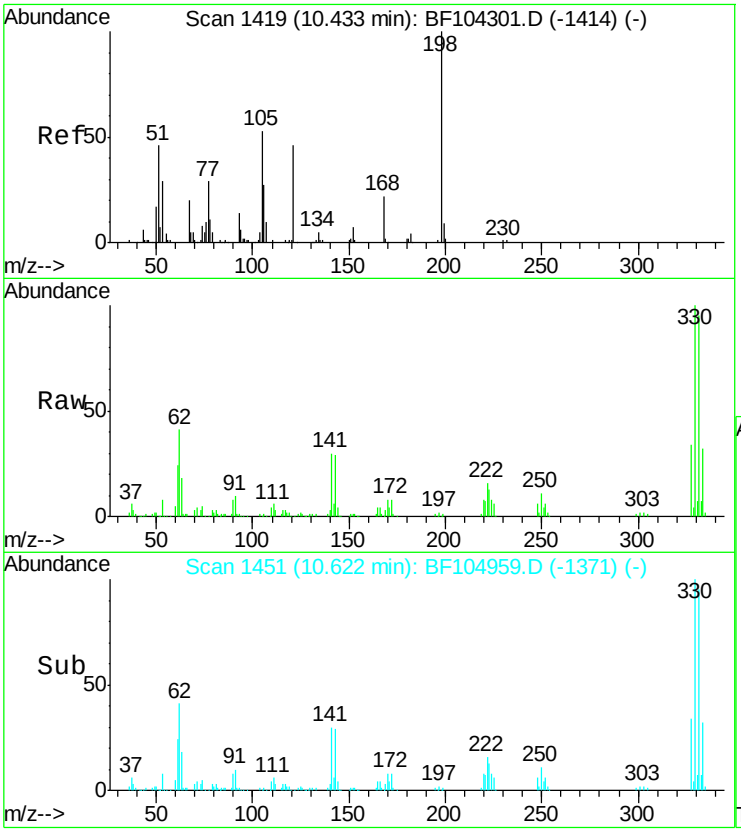


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Tgt Ion:188 Resp: 311069

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.2	9.2	13.8



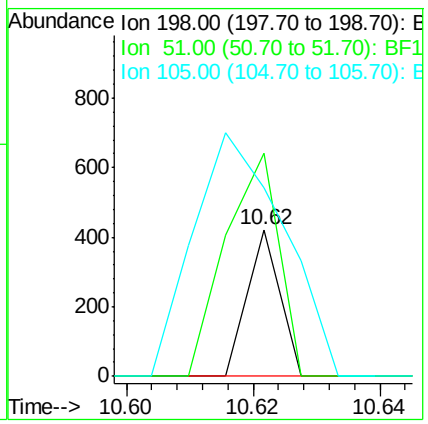


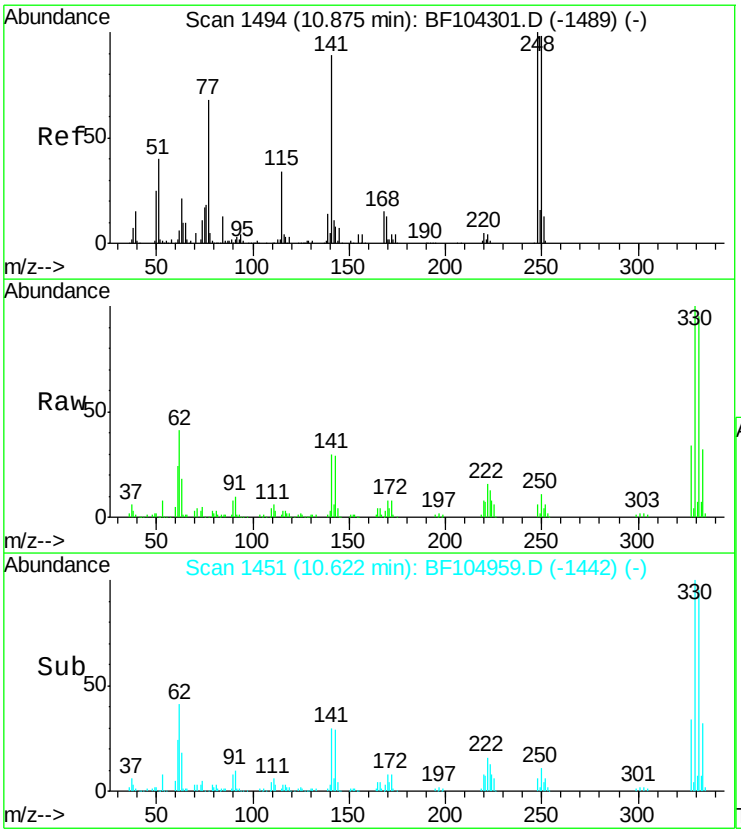
#64
4,6-Dinitro-2-methylphenol
Concen: 7.43 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 149

Ion	Ratio	Lower	Upper
198	100		
51	152.0	37.7	77.7#
105	128.7	36.3	76.3#

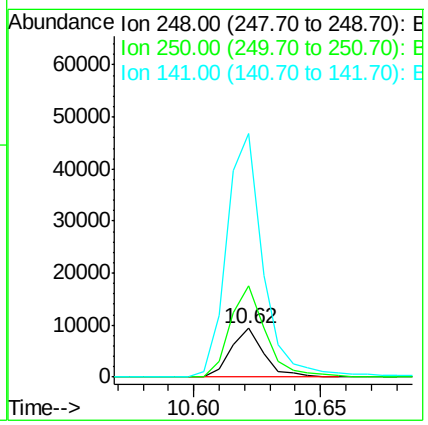


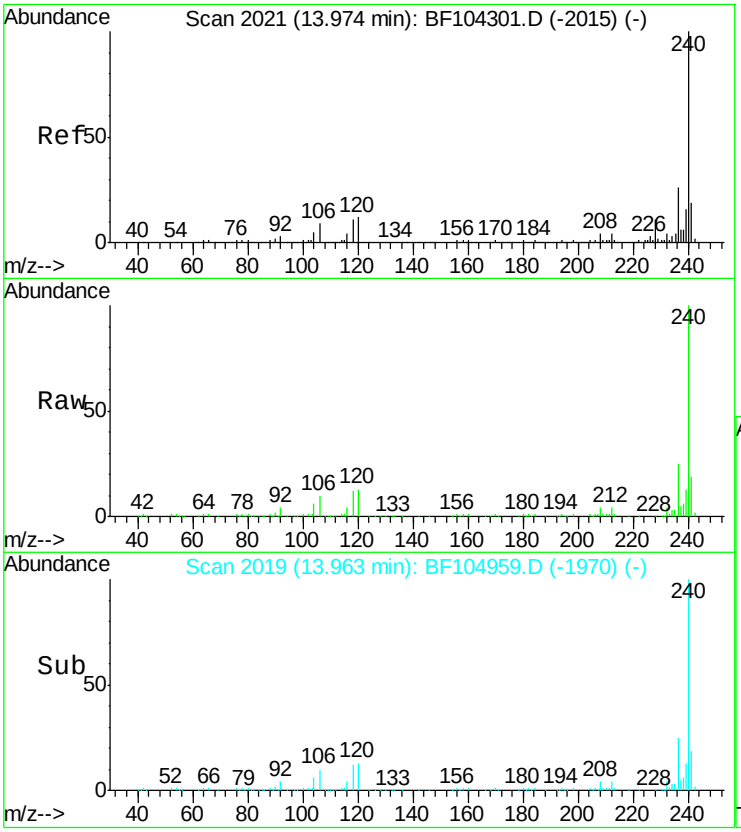


#66
4-Bromophenyl-phenylether
Concen: 2.57 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Tgt Ion:248 Resp: 8506

Ion	Ratio	Lower	Upper
248	100		
250	185.9	76.9	115.3#
141	498.6	74.4	111.6#



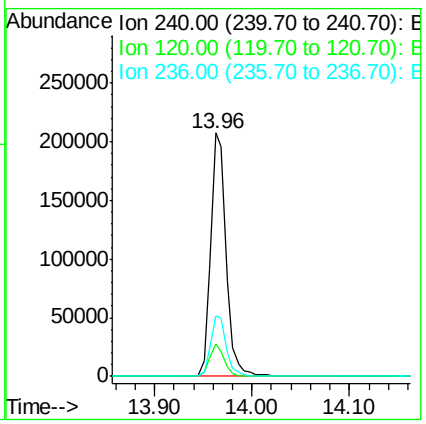


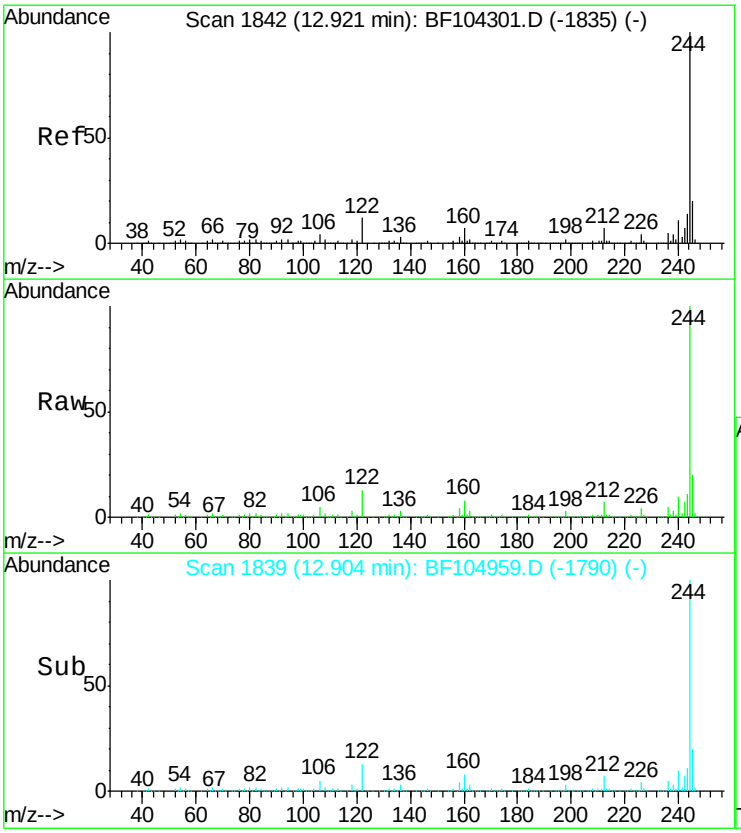
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 226416

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.1	20.7	31.1

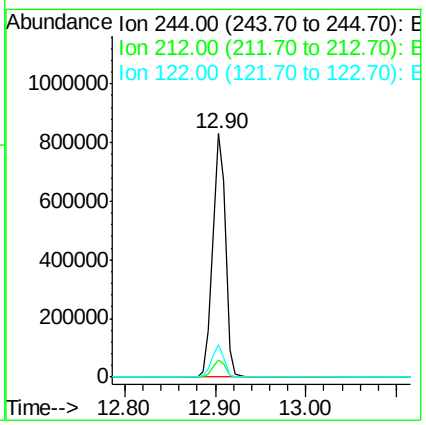


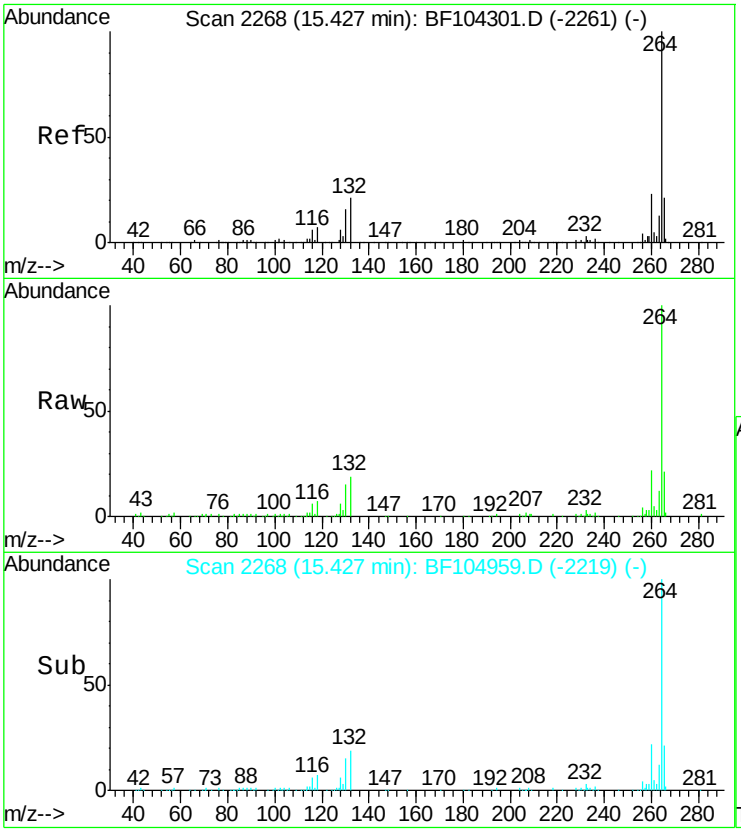


#78
Terphenyl-d14
Concen: 81.61 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Tgt Ion:244 Resp: 810522

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.2	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF104959.D
Acq: 1 May 2018 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 180944

Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	20.6	17.5	26.3