Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
Data File : BF105061.D
Acq On : 3 May 2018 5:35
Operator : JU/SJ
Sample : J2684-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 043018-DBRI-E-D-S

Quant Time: May 03 07:02:52 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89017	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	359177	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	154540	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	259787	20.00	ng	0.00
75) Chrysene-d12	14.02	240	214338	20.00	ng	-0.02
86) Perylene-d12	15.57	264	166732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	216850	37.25	ng	0.00
7) Phenol-d6	6.42	99	159921	22.36	ng	-0.02
23) Nitrobenzene-d5	7.36	82	524733	95.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	132280	82.52	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	943134	96.41	ng	0.00
78) Terphenyl-d14	12.91	244	865631	92.07	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	66012	14.123	ng	# 70
25) Isophorone	7.36	82	519363	44.651	ng	# 64
49) Dimethylphthalate	9.55	163	24626	2.021	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	19509	8.651	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	19509	6.596	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	136	7.438	ng	# 14
66) 4-Bromophenyl-phenylether	10.62	248	7991	2.892	ng	# 1
76) Benzidine	12.91	184	11062	Below Cal		# 95

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

Quantitation Report (Not Reviewed)

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043018-DBRI-E-D-S

Quant Time: May 03 07:02:52 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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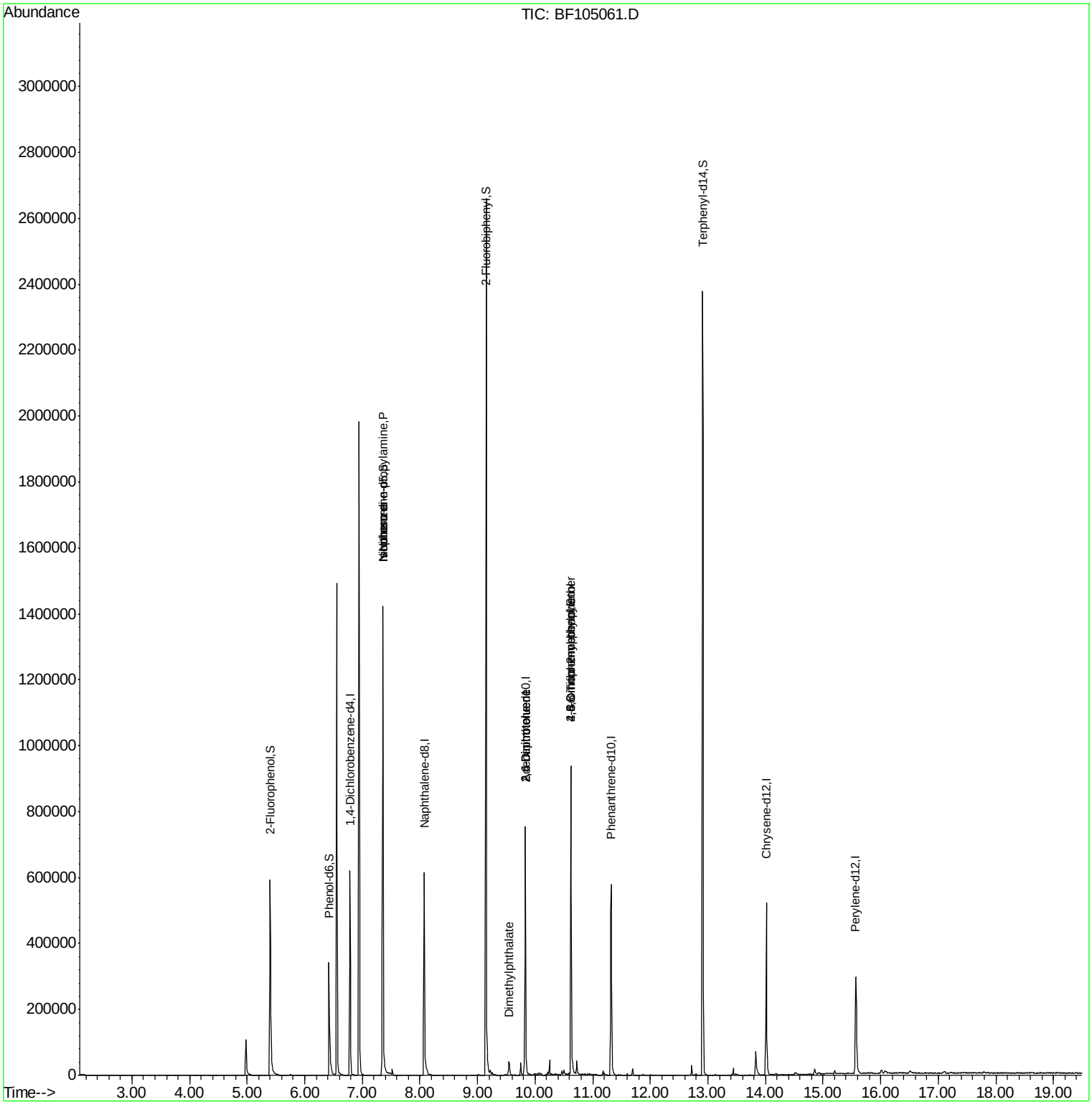
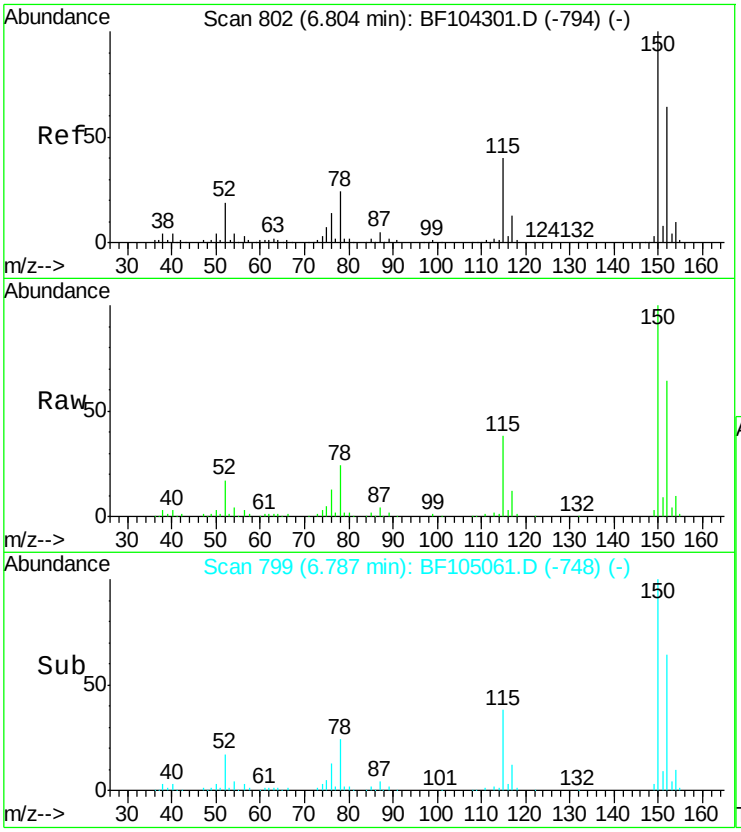


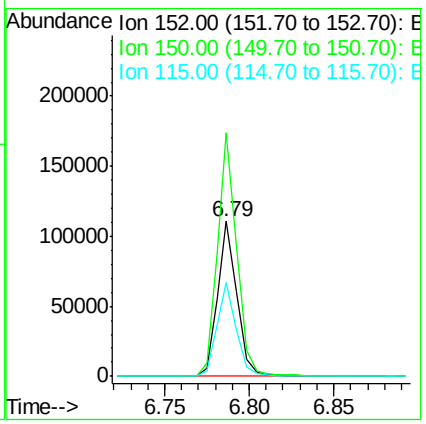


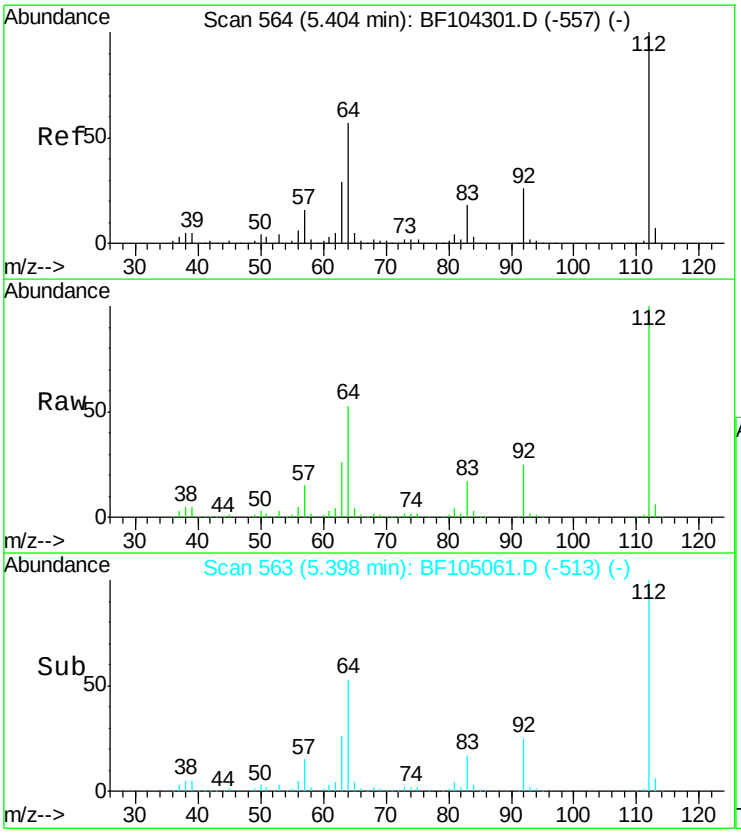
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tgt Ion:152 Resp: 89017

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	60.2	50.1	75.1

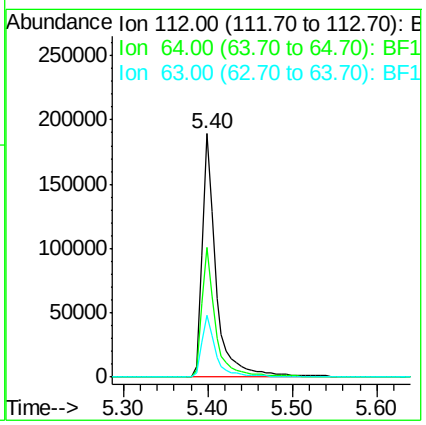


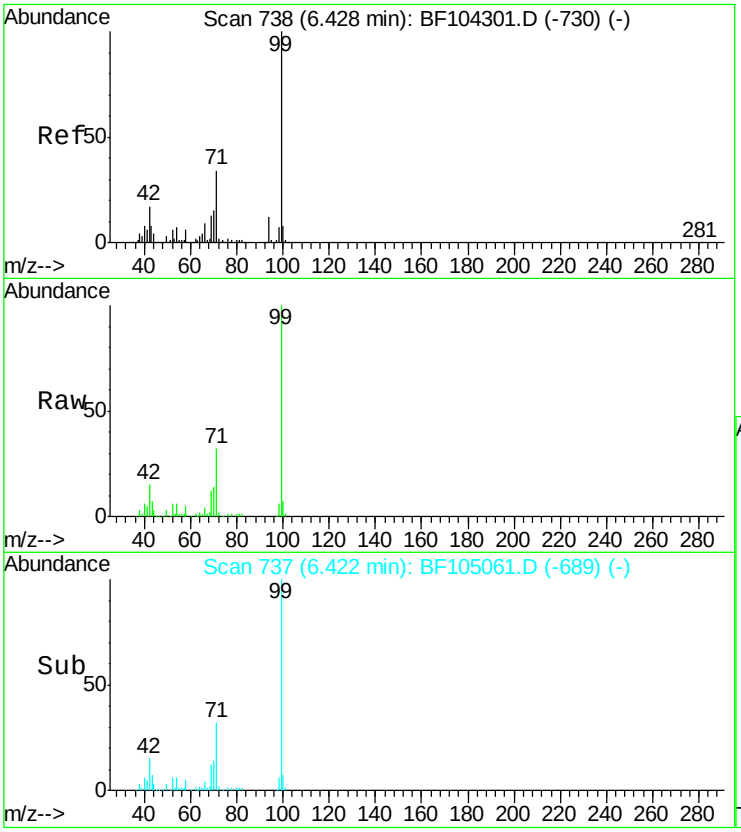


#5
2-Fluorophenol
Concen: 37.249 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Tgt Ion:112 Resp: 216850

Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	25.7	23.7	35.5



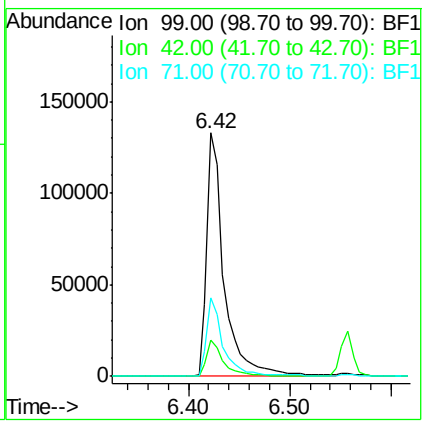


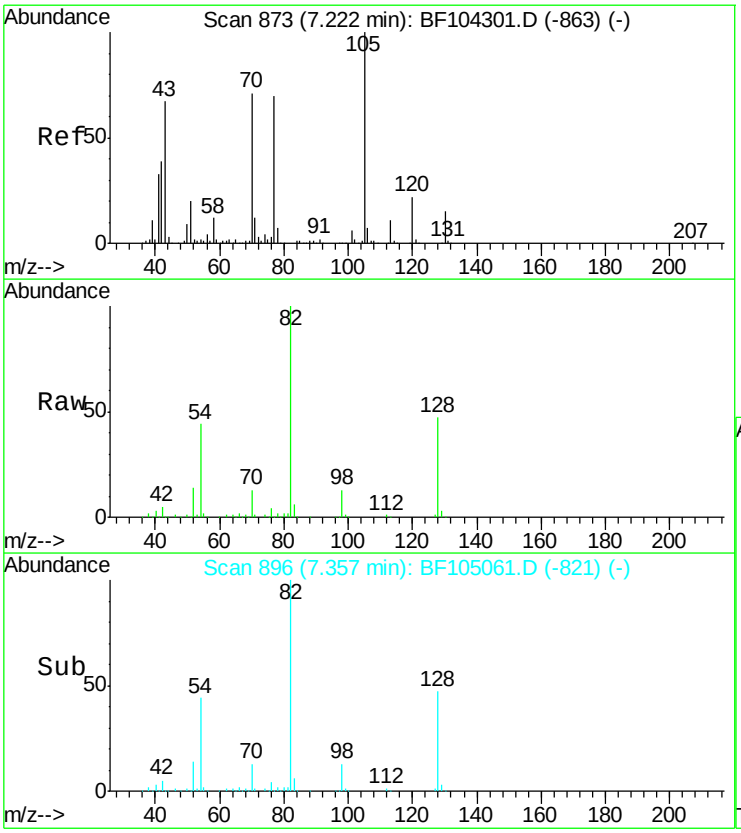
#7
Phenol-d6
Concen: 22.357 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tgt Ion: 99 Resp: 159921

Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.5	21.7
71	32.0	25.4	38.0

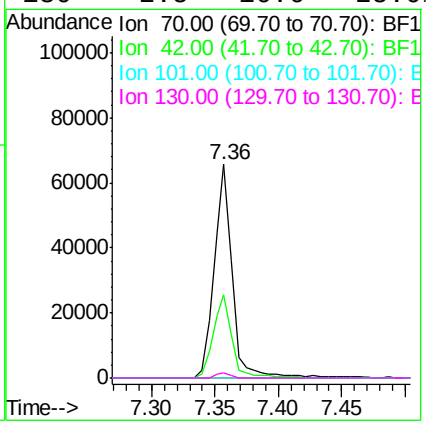


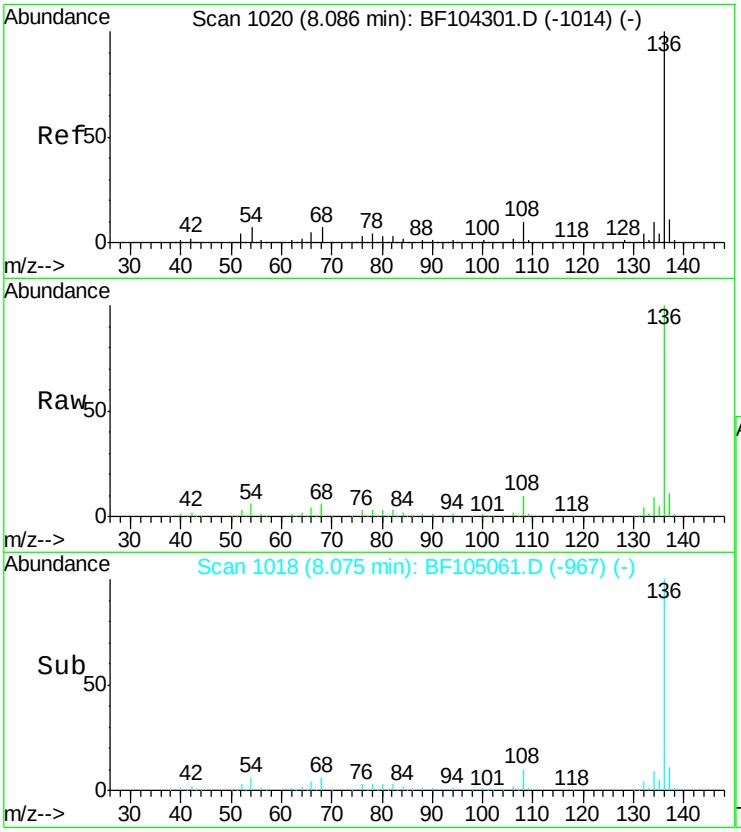


#19
n-Nitroso-di-n-propylamine
Concen: 14.123 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Tgt Ion: 70 Resp: 66012

Ion	Ratio	Lower	Upper
70	100		
42	39.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



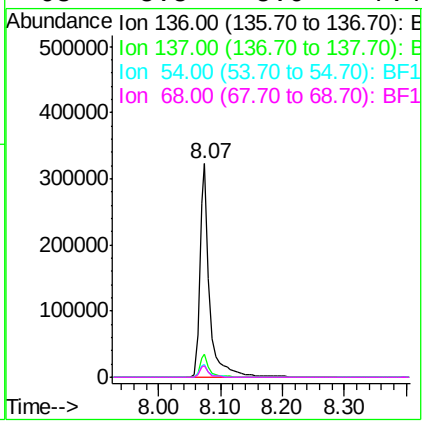


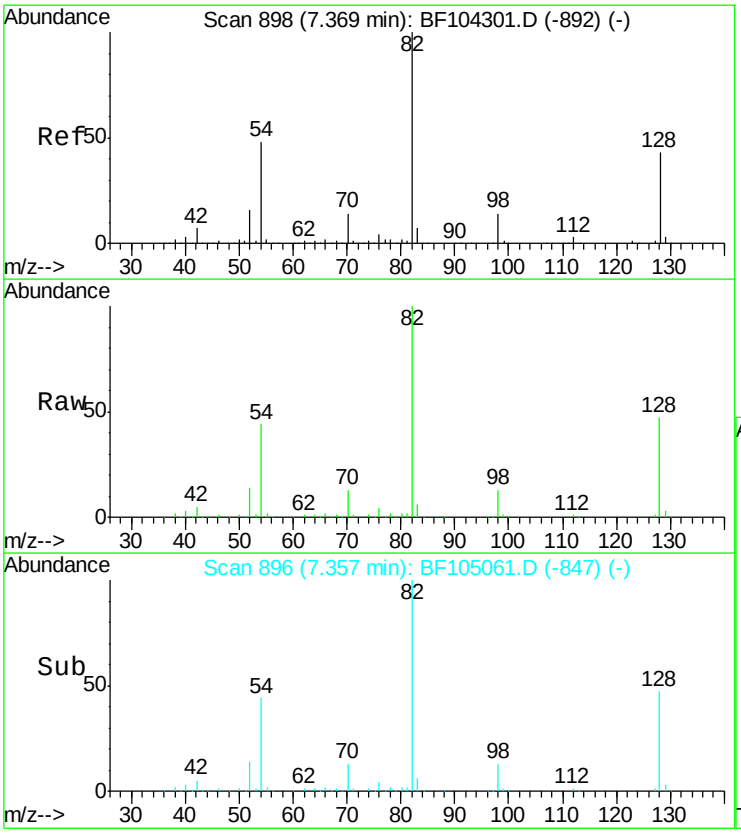
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tgt Ion:136 Resp: 359177

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.8	6.6	9.8#
68	5.5	5.0	7.4

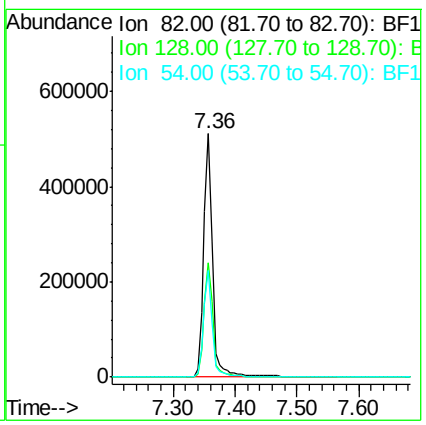


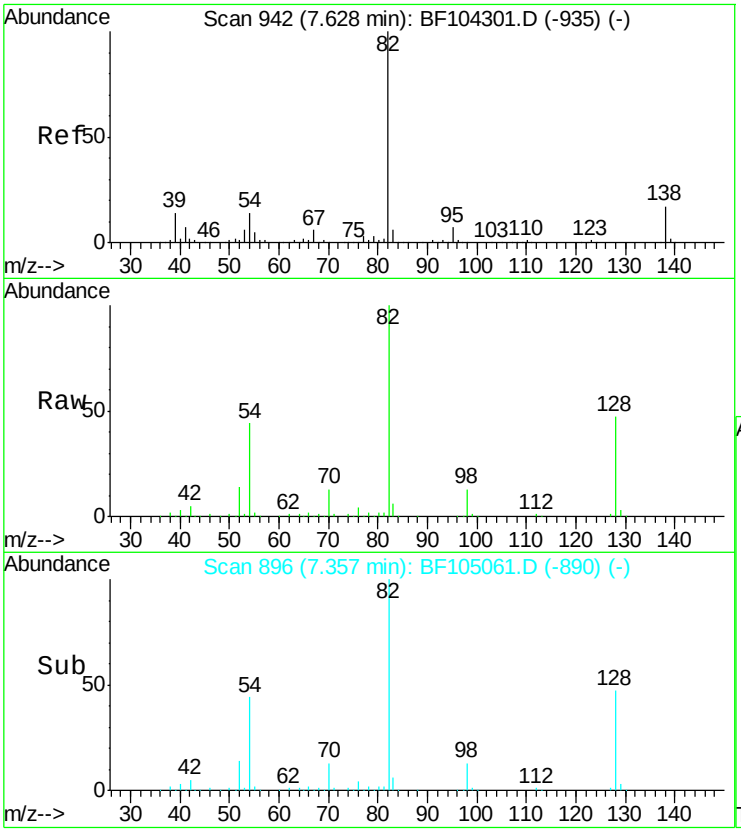


#23
Nitrobenzene-d5
Concen: 95.396 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Tgt Ion: 82 Resp: 524733

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	44.0	41.4	62.2



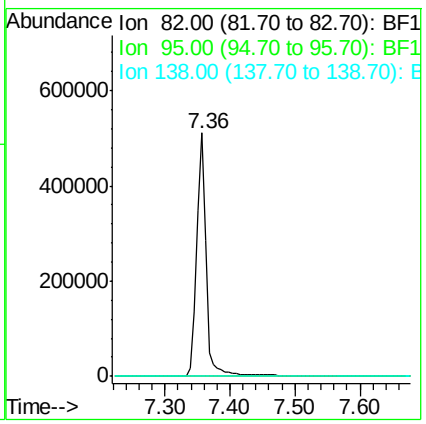


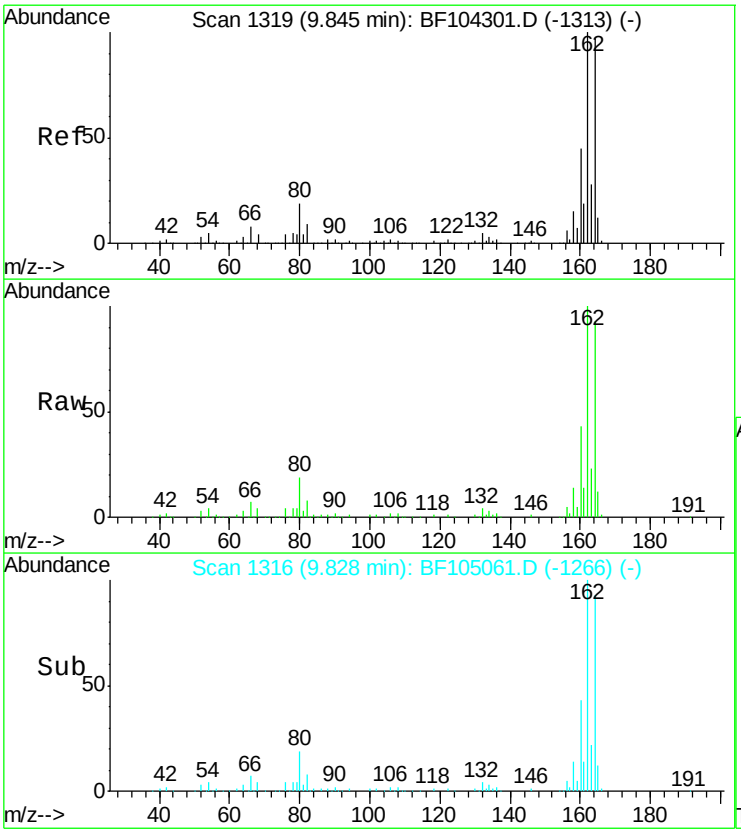
#25
Isophorone
Concen: 44.651 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tgt Ion: 82 Resp: 519363

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

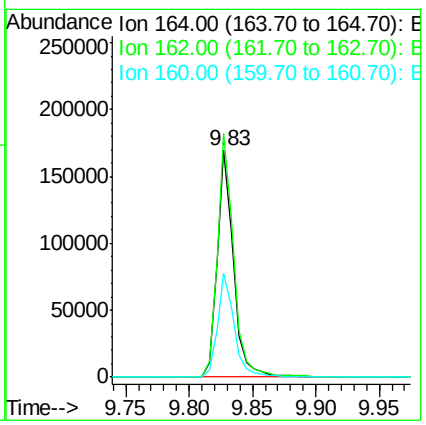


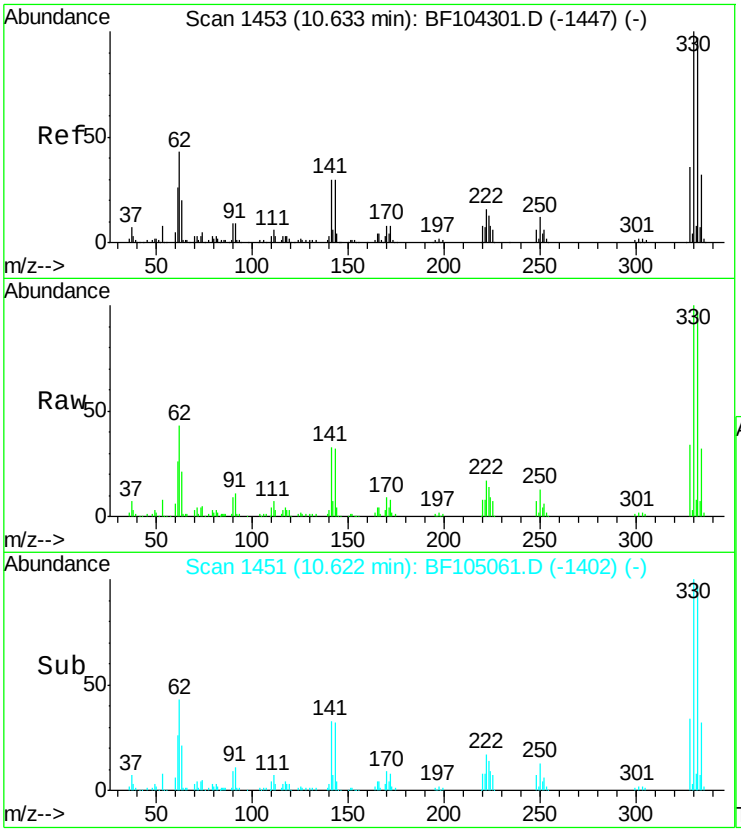


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Tgt Ion:164 Resp: 154540

Ion	Ratio	Lower	Upper
164	100		
162	107.5	86.1	129.1
160	46.0	38.3	57.5



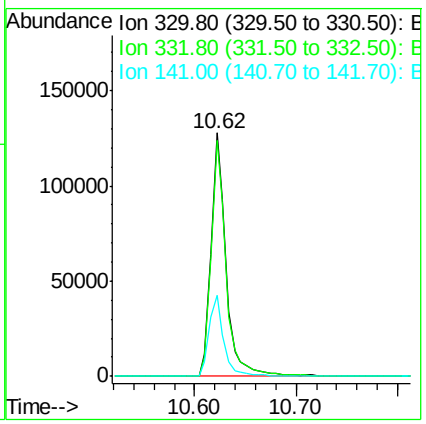


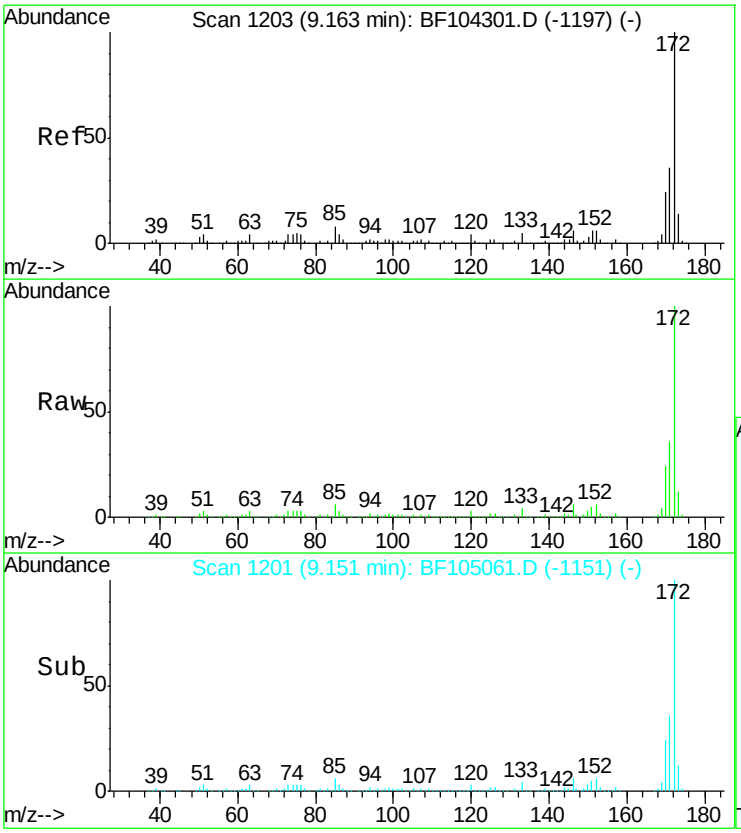
#41
2,4,6-Tribromophenol
Concen: 82.516 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tgt Ion:330 Resp: 132280

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.7	29.9	44.9

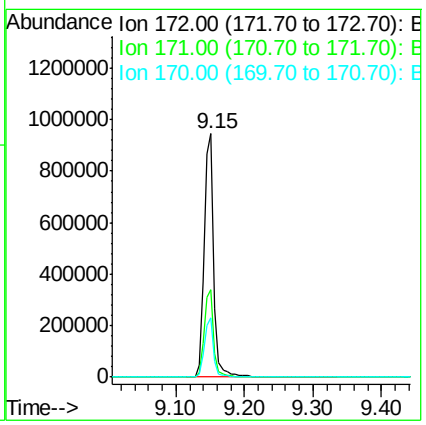


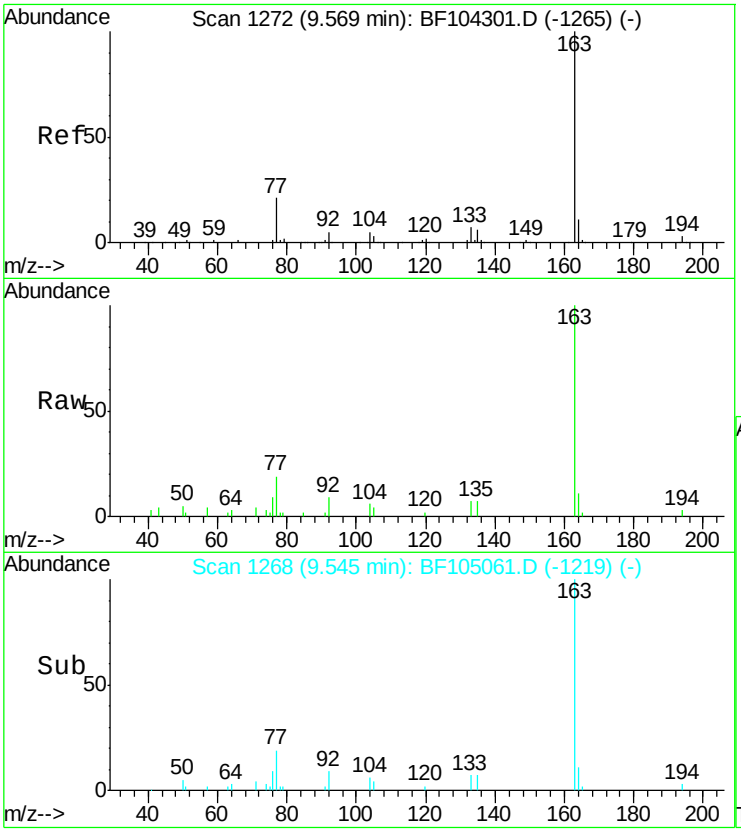


#44
2-Fluorobiphenyl
Concen: 96.410 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Tgt Ion:172 Resp: 943134

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4



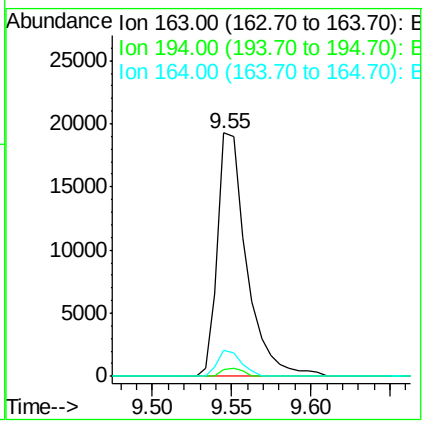


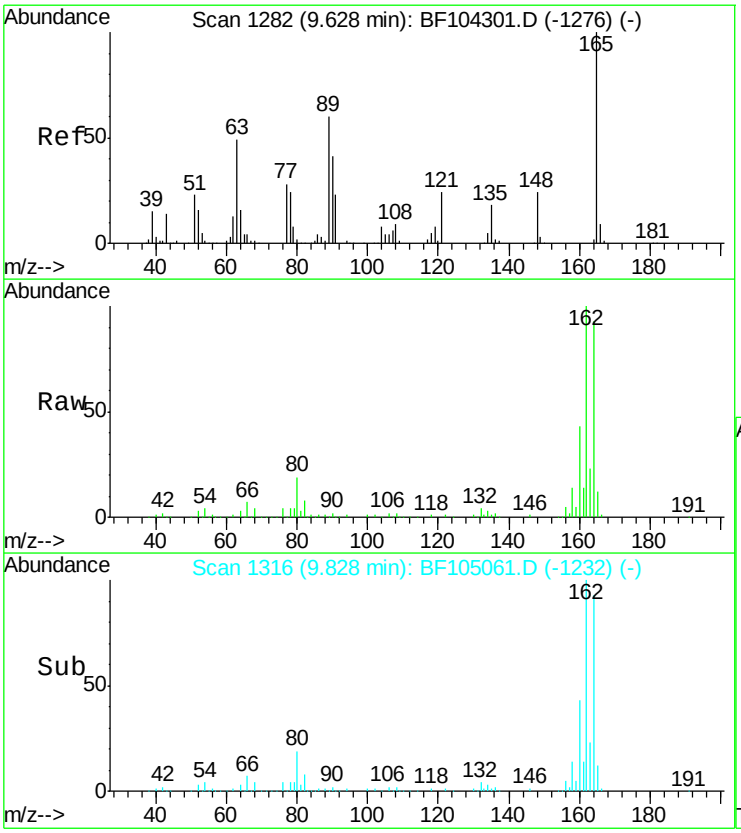
#49
Dimethylphthalate
Concen: 2.021 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tgt Ion:163 Resp: 24626

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.7	4.1#
164	10.6	8.2	12.2

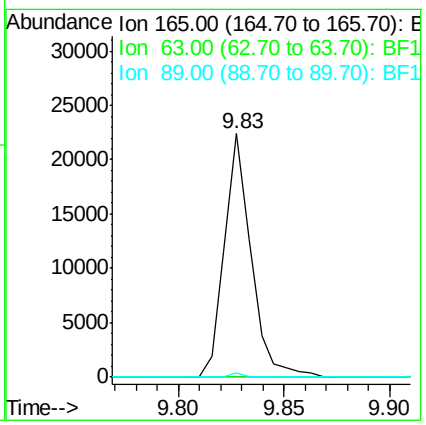


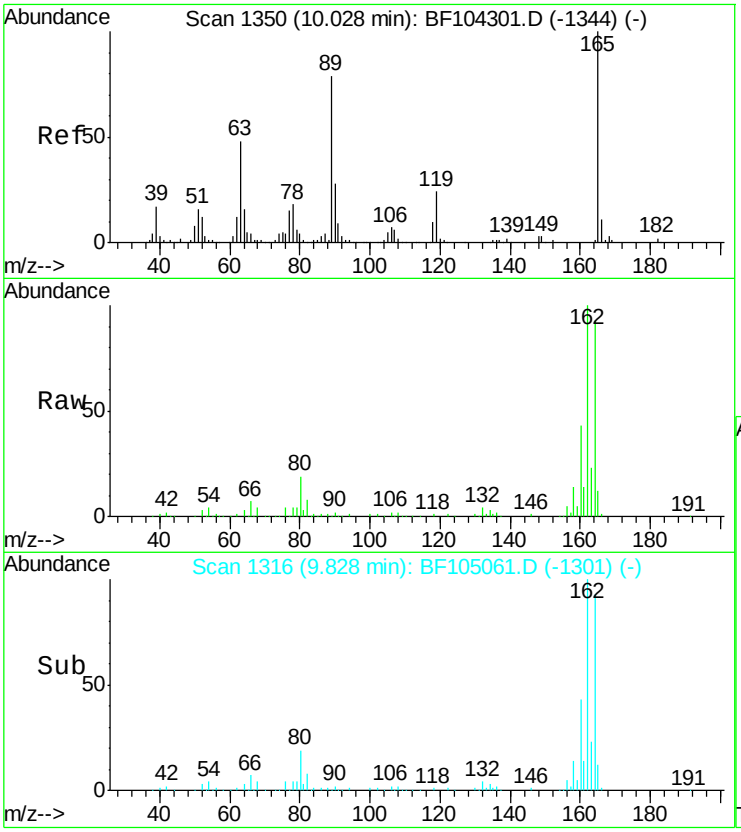


#50
2,6-Dinitrotoluene
Concen: 8.651 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Tgt Ion:165 Resp: 19509

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



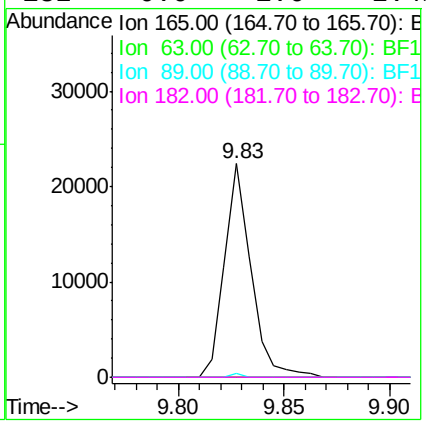


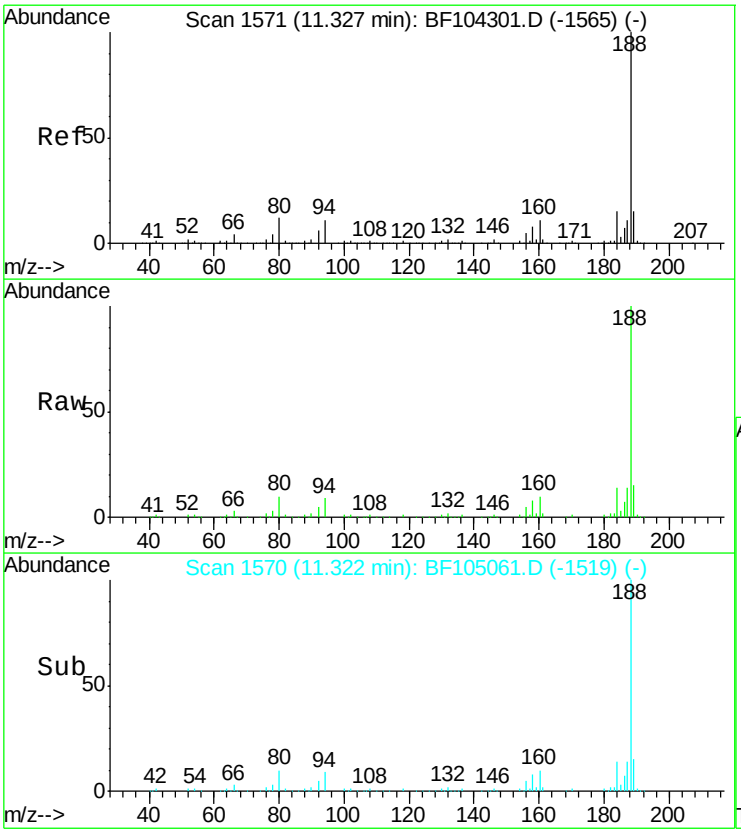
#56
2,4-Dinitrotoluene
Concen: 6.596 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tgt Ion:165 Resp: 19509

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

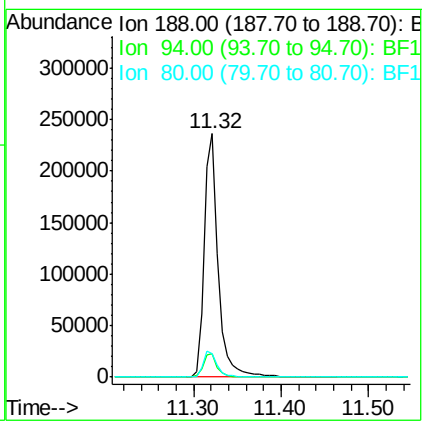


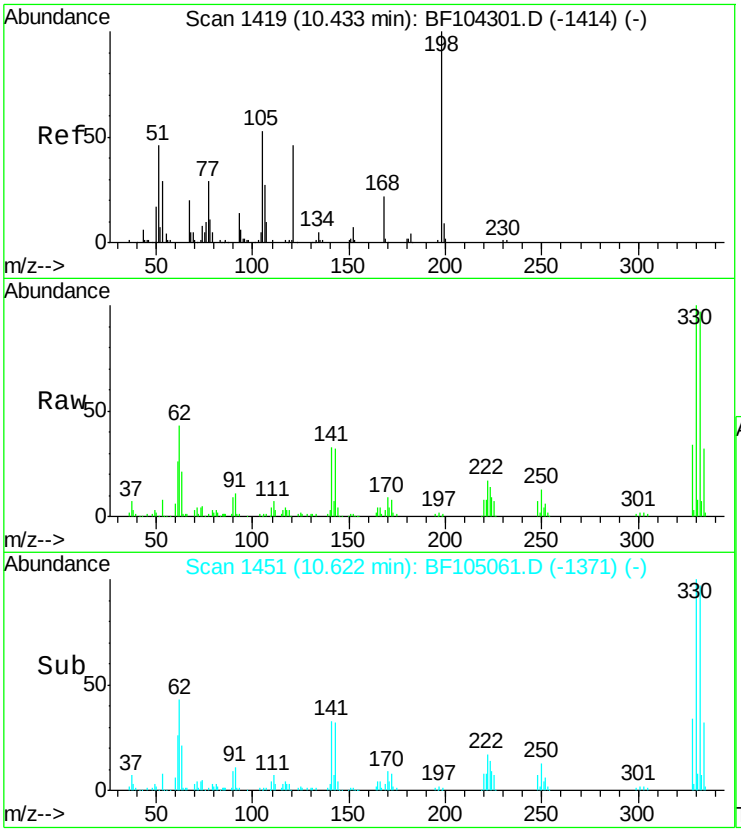


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Tgt Ion:188 Resp: 259787

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.7	9.2	13.8



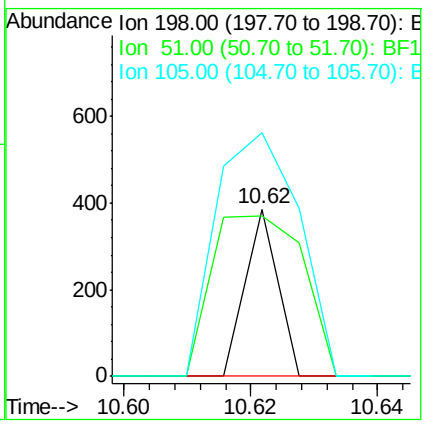


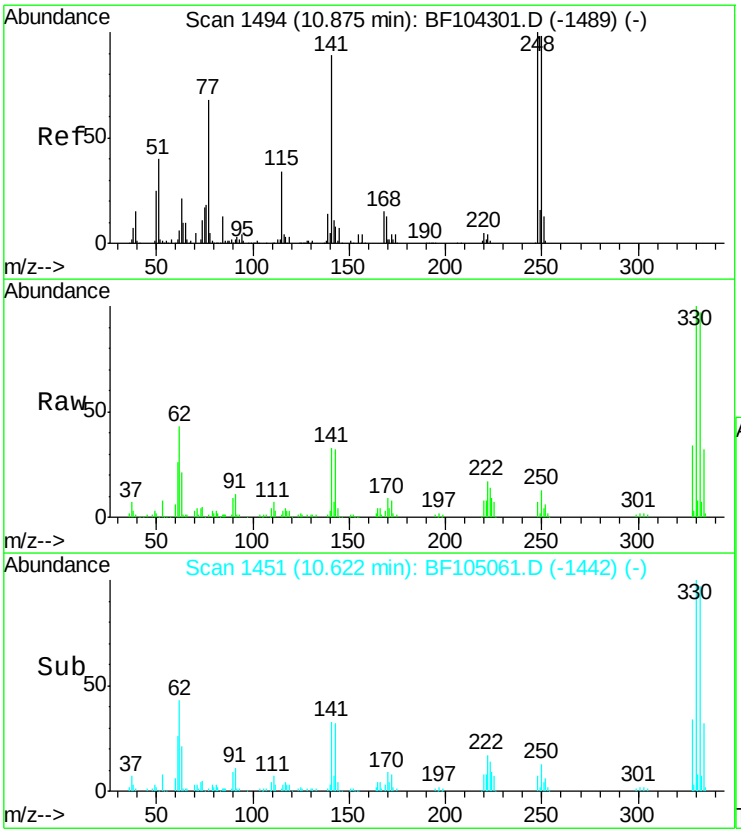
#64
4,6-Dinitro-2-methylphenol
Concen: 7.438 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tgt Ion:198 Resp: 136

Ion	Ratio	Lower	Upper
198	100		
51	95.6	37.7	77.7#
105	145.6	36.3	76.3#

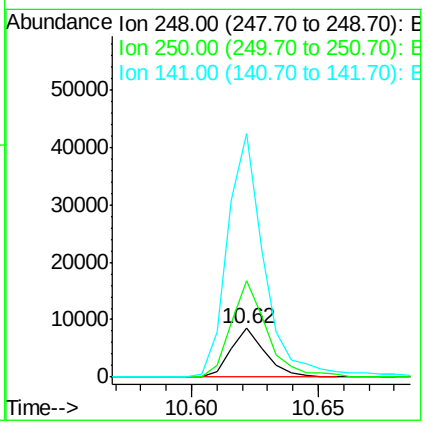


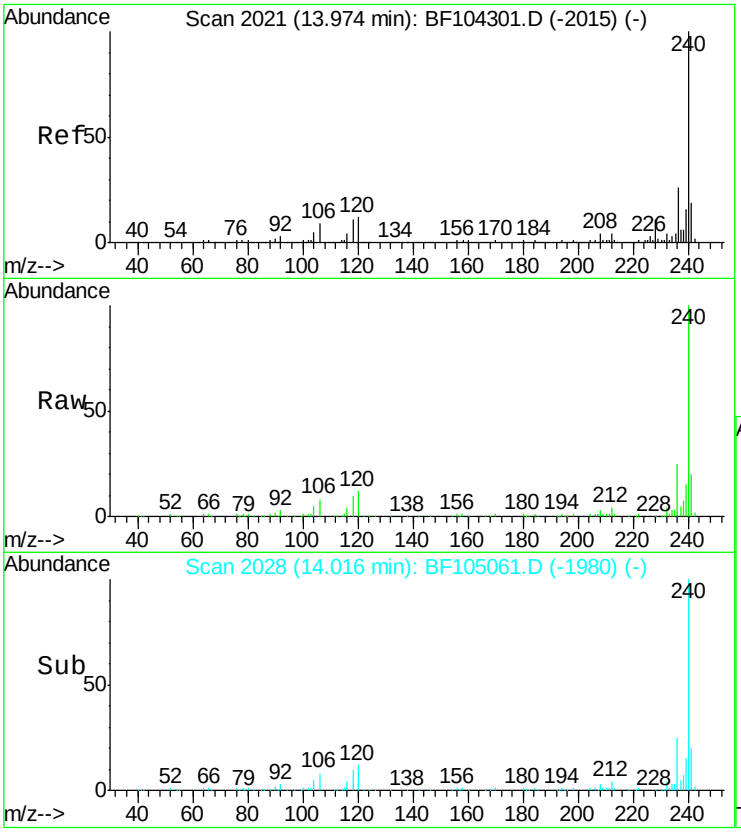


#66
4-Bromophenyl-phenylether
Concen: 2.892 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Tgt Ion:248 Resp: 7991

Ion	Ratio	Lower	Upper
248	100		
250	196.6	76.9	115.3#
141	496.8	74.4	111.6#



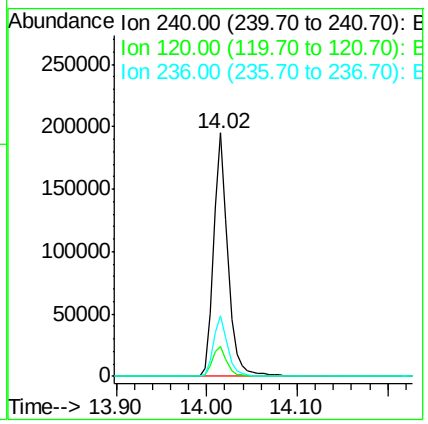


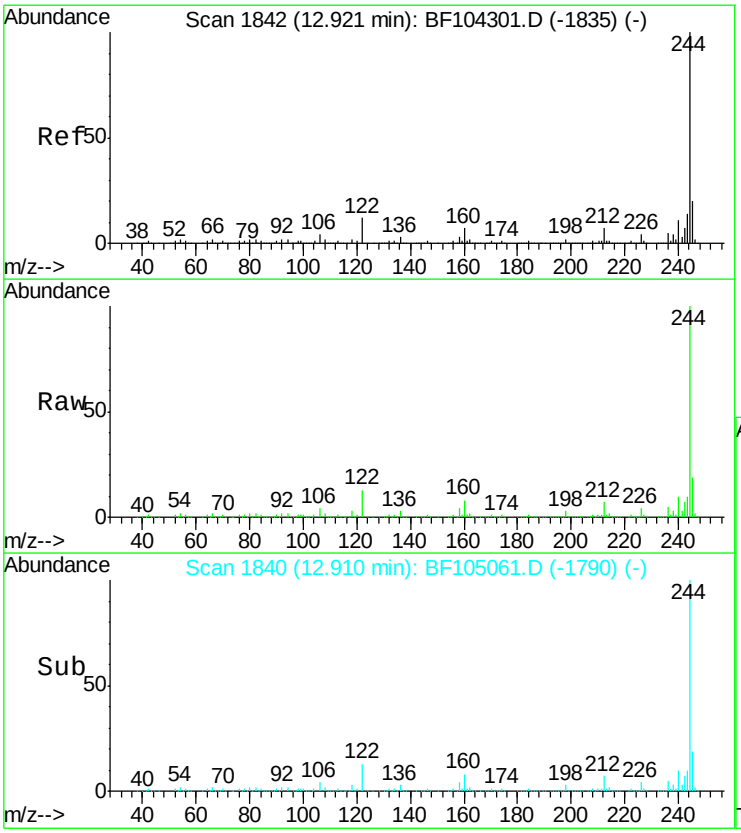
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tgt Ion:240 Resp: 214338

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.0	20.7	31.1

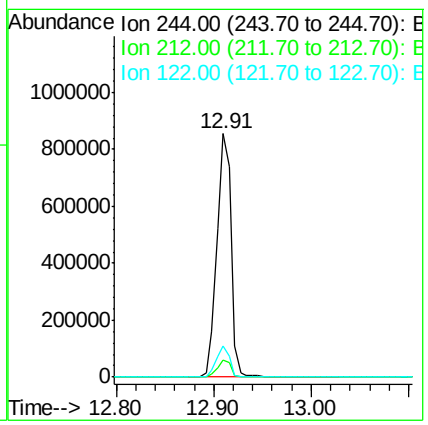


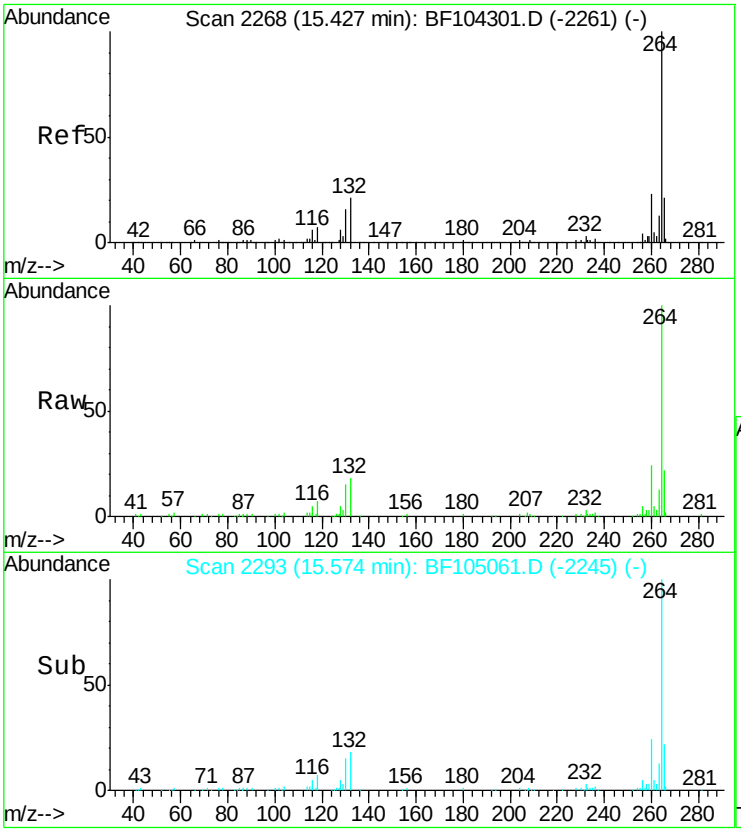


#78
Terphenyl-d14
Concen: 92.074 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Tgt Ion:244 Resp: 865631

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tgt Ion:264 Resp: 166732

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3