Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
Data File : BF105059.D
Acq On : 3 May 2018 4:42
Operator : JU/SJ
Sample : J2684-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: May 03 07:02:17 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	86037	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	348625	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	150025	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	251611	20.00	ng	0.00
75) Chrysene-d12	14.00	240	221286	20.00	ng	-0.03
86) Perylene-d12	15.54	264	173823	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	248617	44.18	ng	0.00
7) Phenol-d6	6.42	99	180571	26.12	ng	-0.02
23) Nitrobenzene-d5	7.36	82	535379	100.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	138311	88.87	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	937934	98.76	ng	0.00
78) Terphenyl-d14	12.91	244	872646	89.91	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	69050	15.284	ng	# 70
25) Isophorone	7.36	82	531180	47.049	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	19224	8.782	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	19224	6.695	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	110	7.423	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	8050	3.008	ng	# 1
76) Benzidine	12.91	184	11069	Below Cal		# 96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
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Acq On : 3 May 2018 4:42
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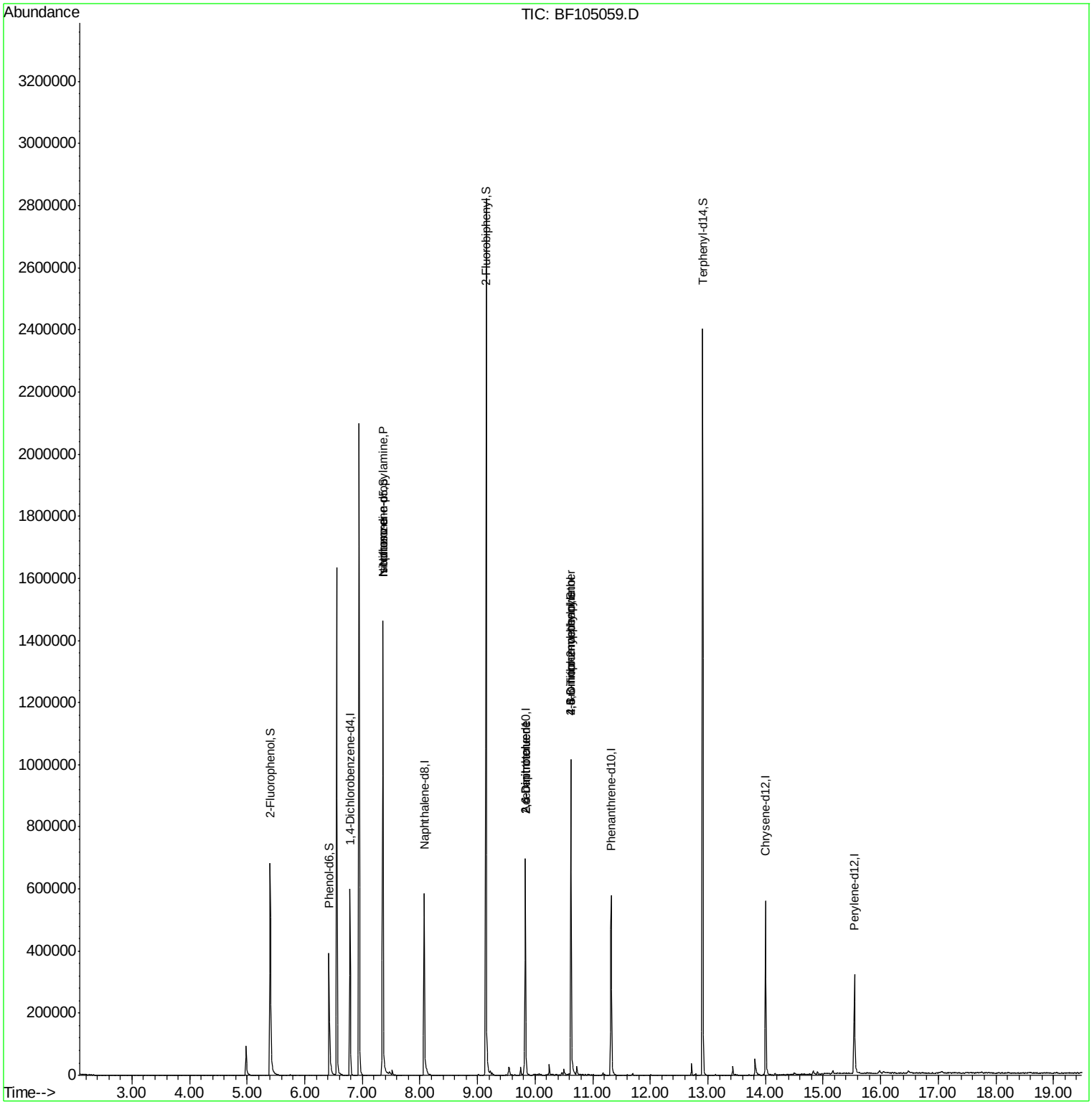
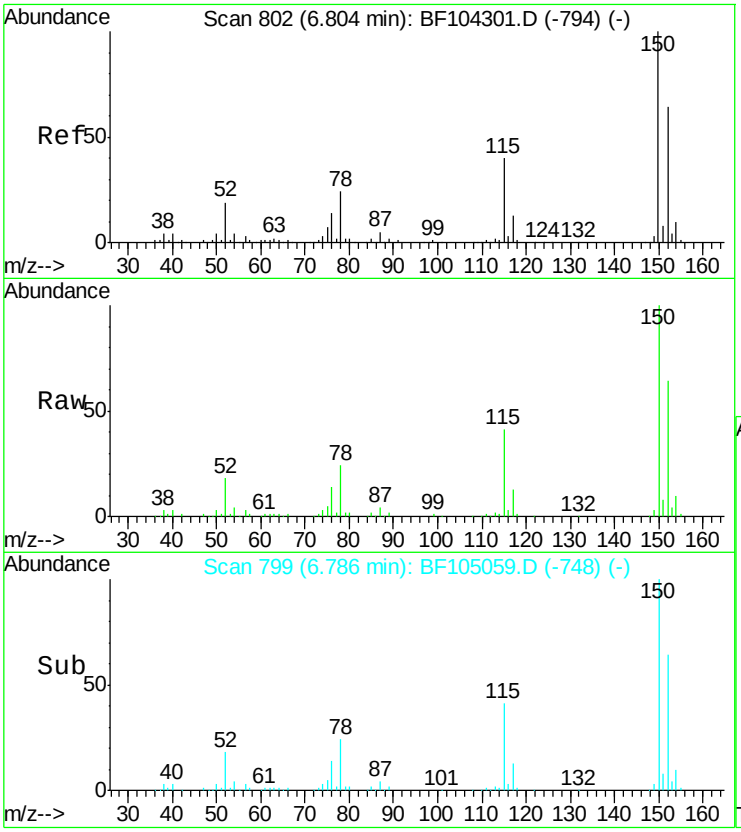
Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-B

Quant Time: May 03 07:02:17 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



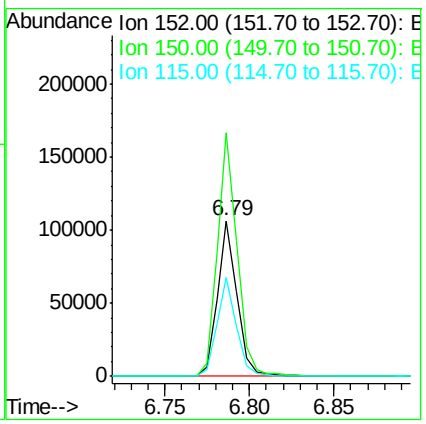


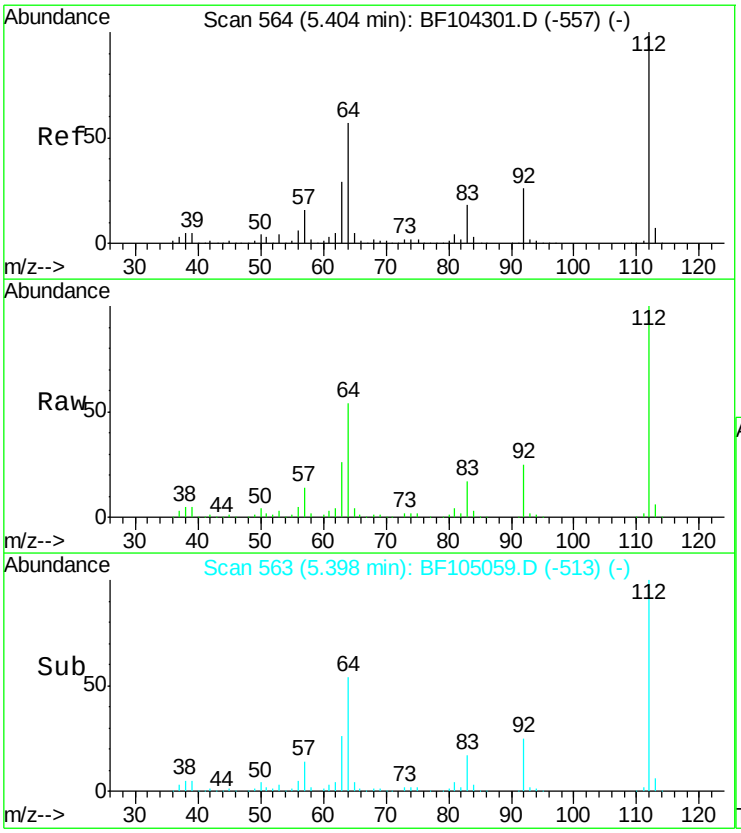
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

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

Tgt Ion:152 Resp: 86037

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	63.6	50.1	75.1

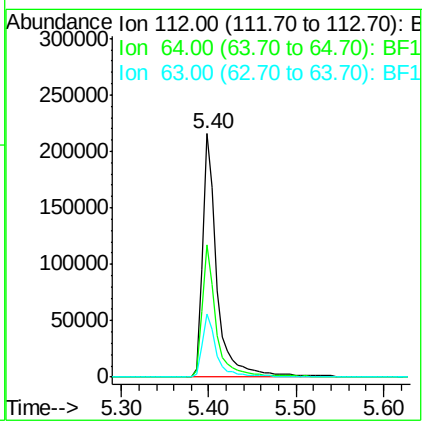


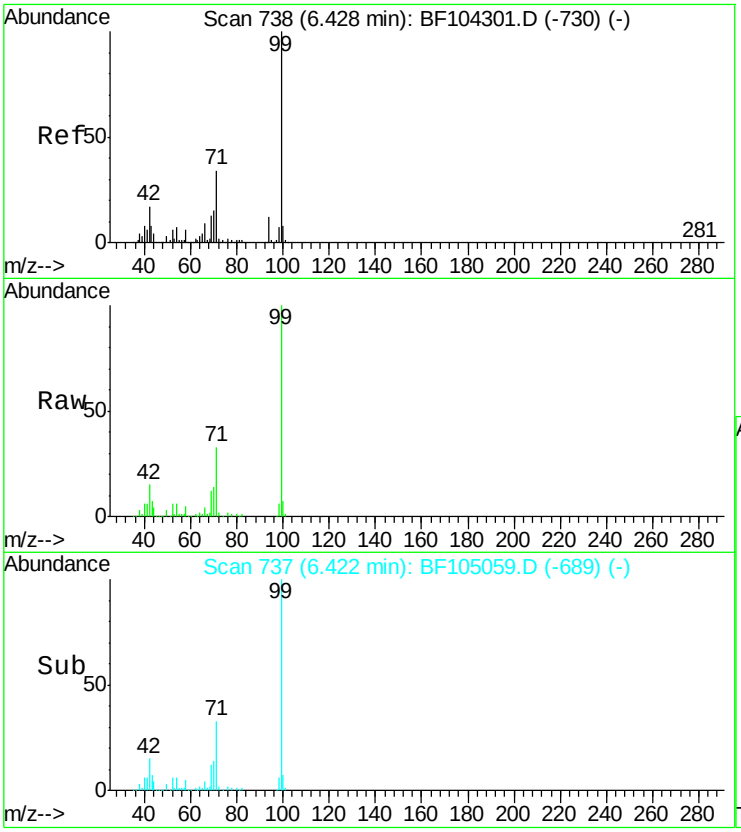


#5
2-Fluorophenol
Concen: 44.184 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

Tgt Ion:112 Resp: 248617

Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	25.9	23.7	35.5



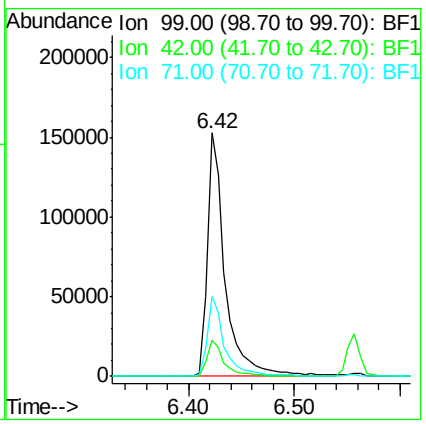


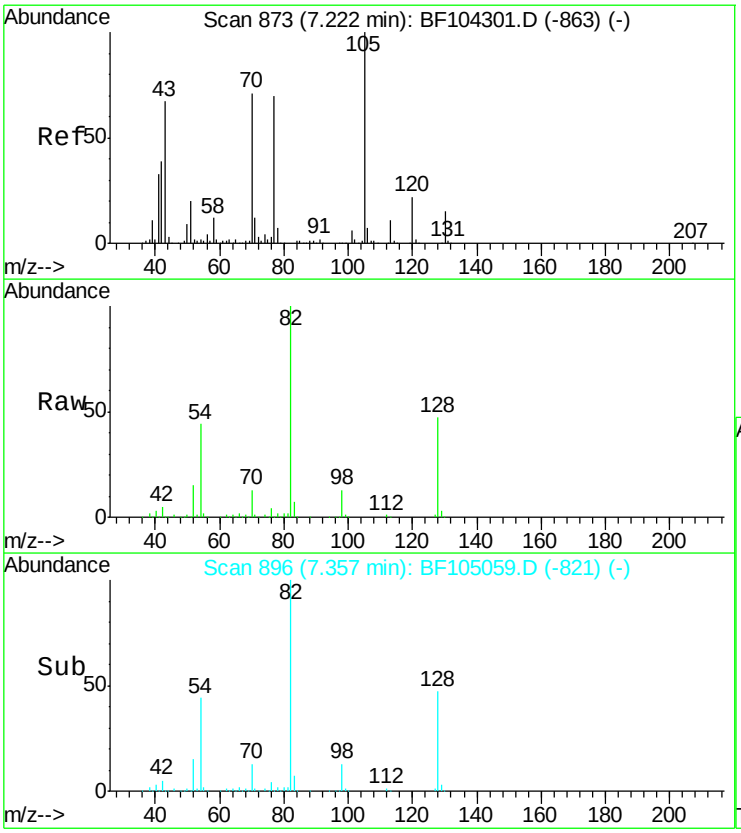
#7
Phenol-d6
Concen: 26.119 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

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

Tgt Ion: 99 Resp: 180571

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	32.5	25.4	38.0

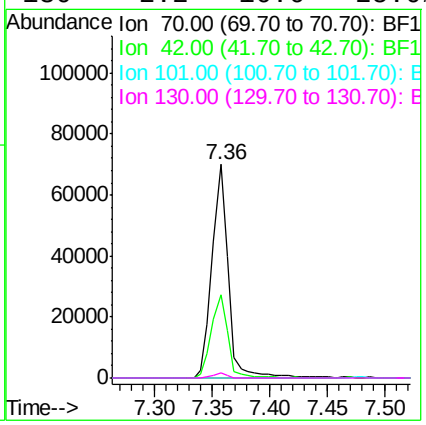


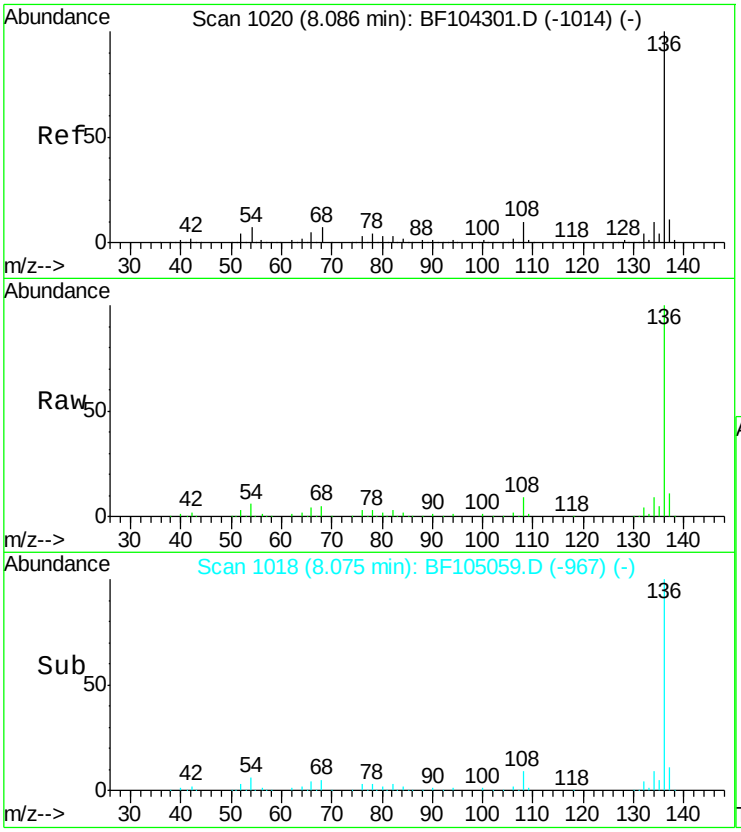


#19
n-Nitroso-di-n-propylamine
Concen: 15.284 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

Tgt Ion: 70 Resp: 69050

Ion	Ratio	Lower	Upper
70	100		
42	38.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



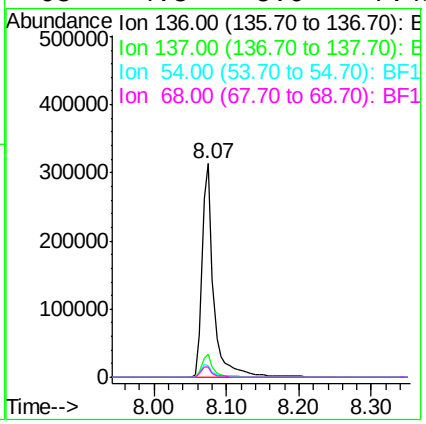


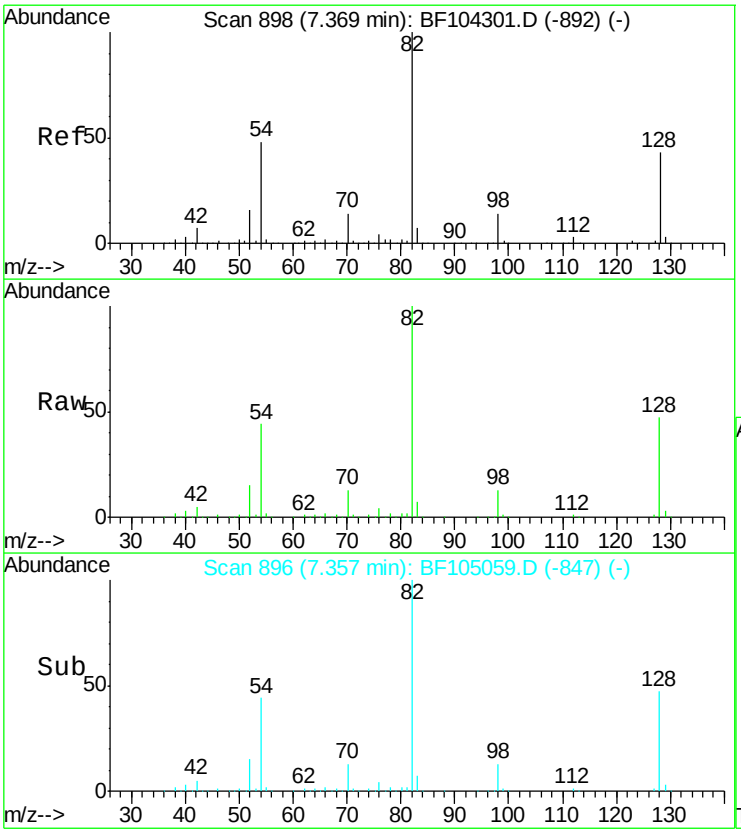
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

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

Tgt Ion:136 Resp: 348625

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.6	6.6	9.8#
68	4.8	5.0	7.4#

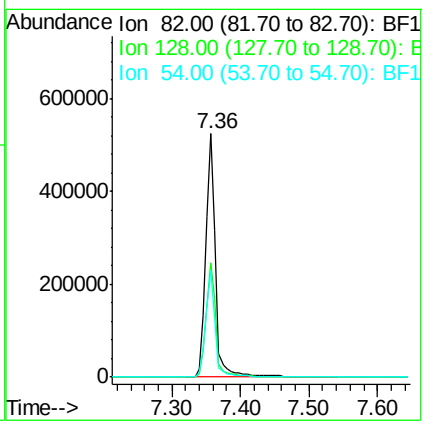


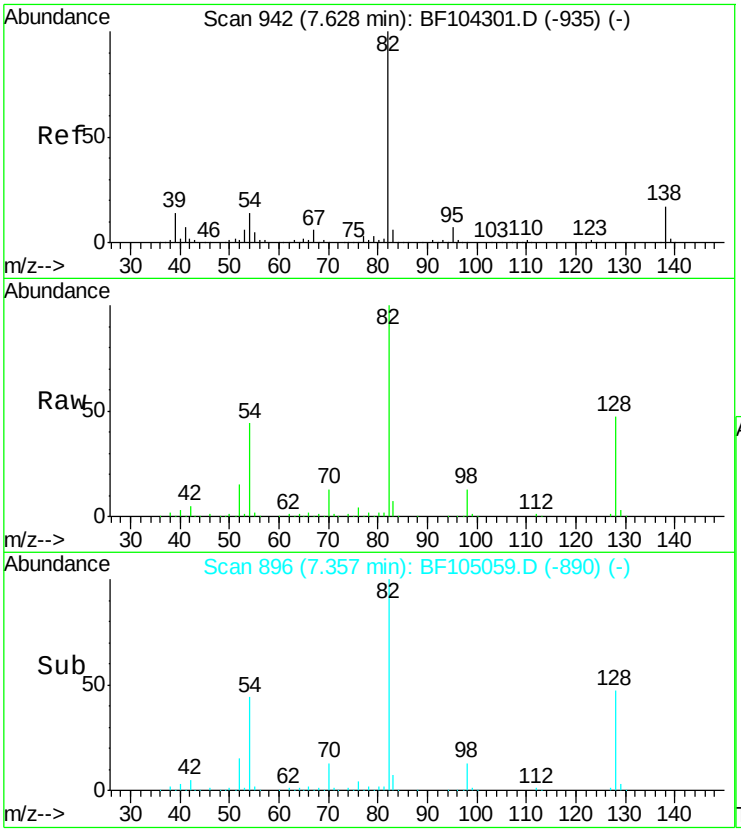


#23
Nitrobenzene-d5
Concen: 100.277 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

Tgt Ion: 82 Resp: 535379

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	43.7	41.4	62.2



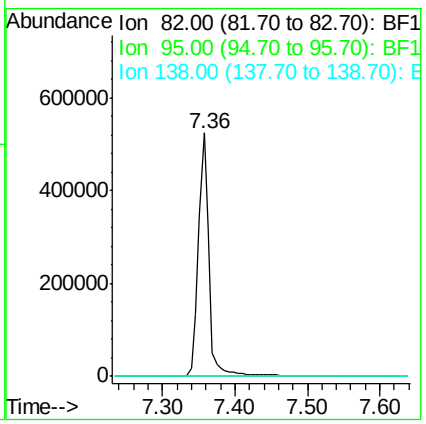


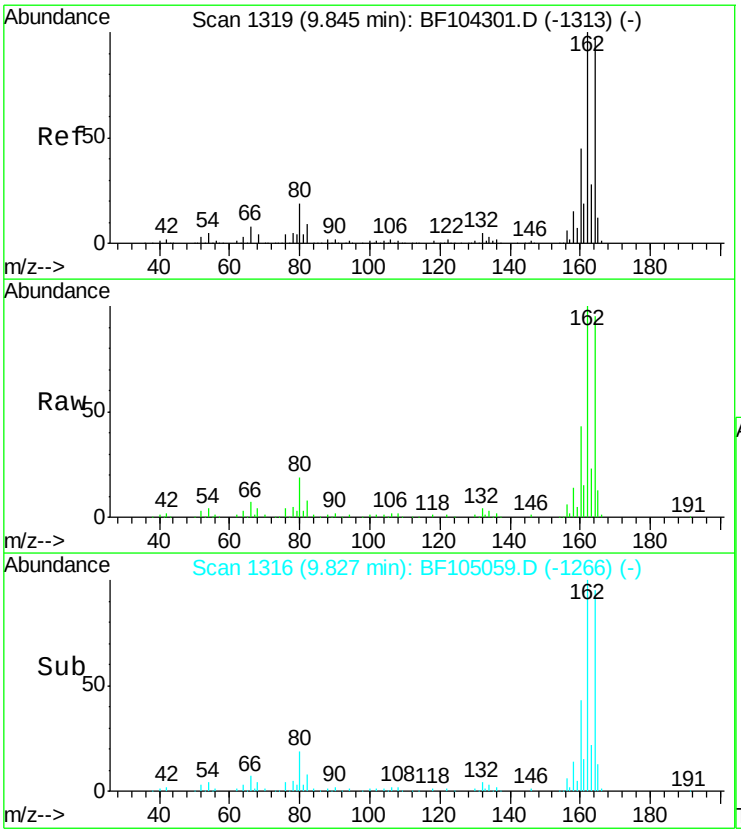
#25
Isophorone
Concen: 47.049 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

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

Tgt Ion: 82 Resp: 531180

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

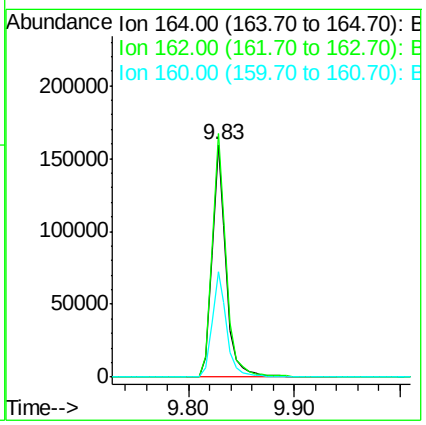


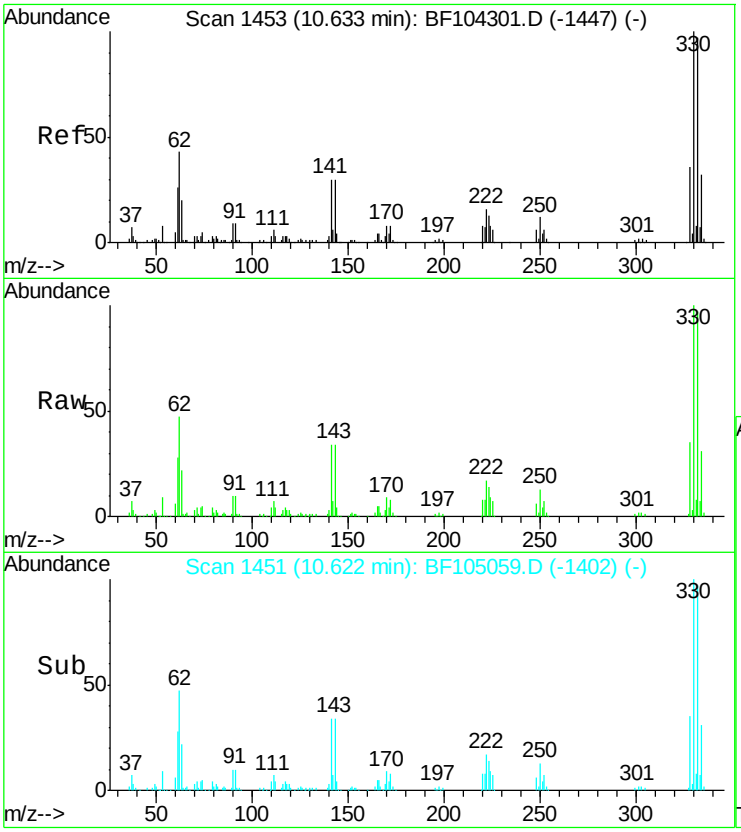


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

Tgt Ion:164 Resp: 150025

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	45.3	38.3	57.5



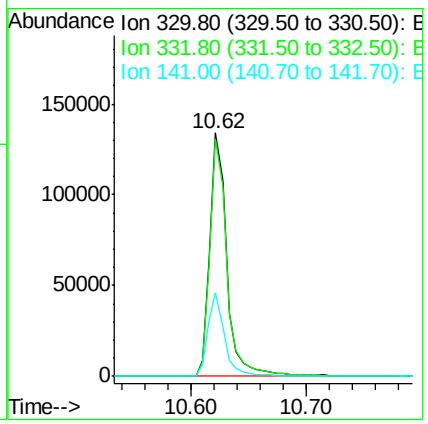


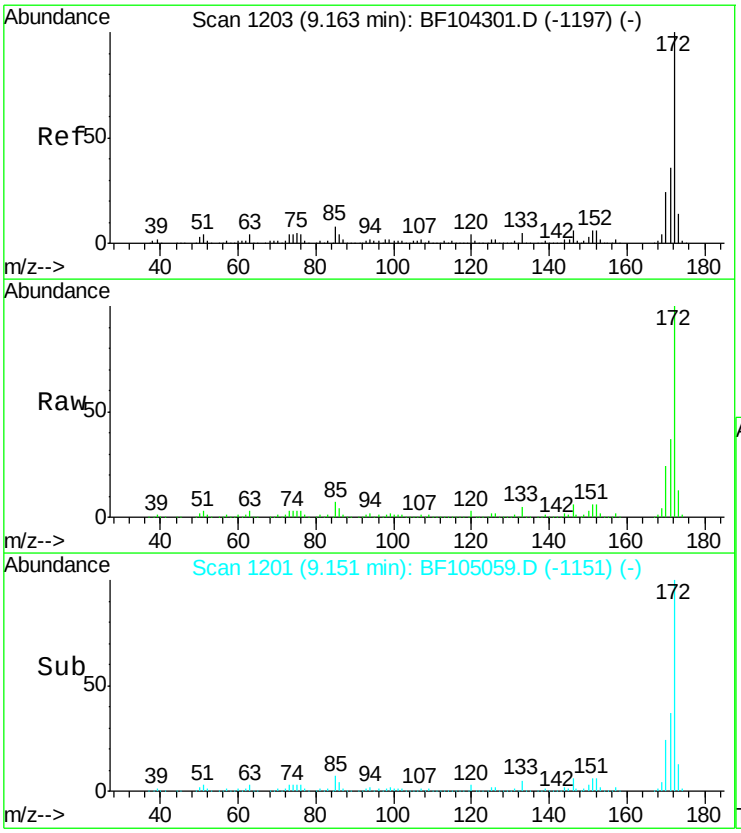
#41
2,4,6-Tribromophenol
Concen: 88.875 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

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

Tgt Ion:330 Resp: 138311

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.4	29.9	44.9

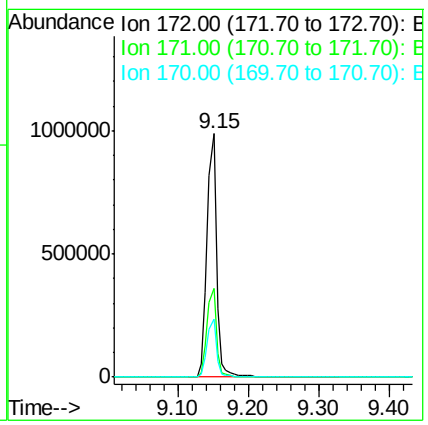


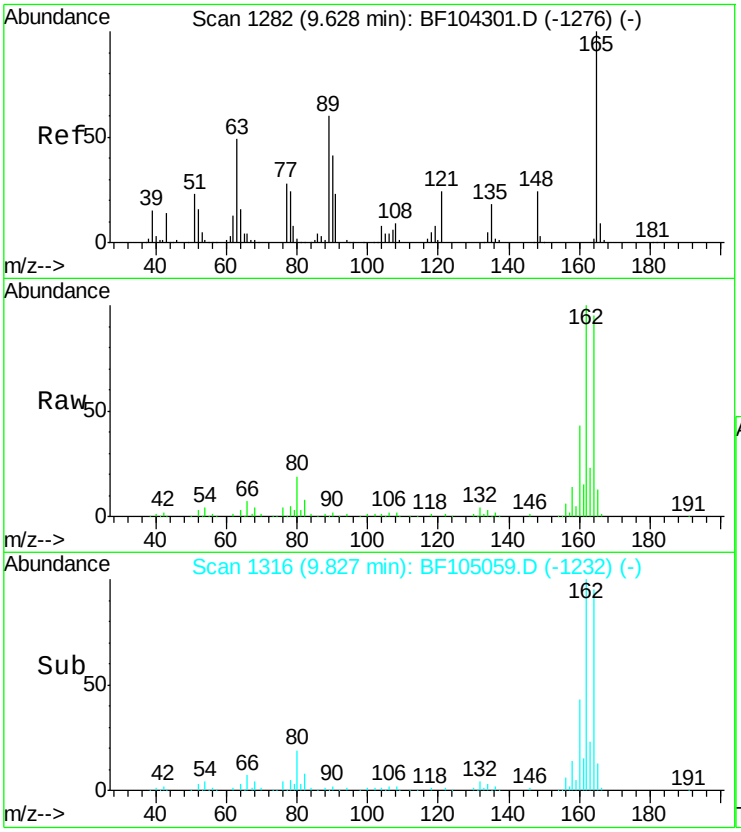


#44
2-Fluorobiphenyl
Concen: 98.764 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

Tgt Ion:172 Resp: 937934

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4



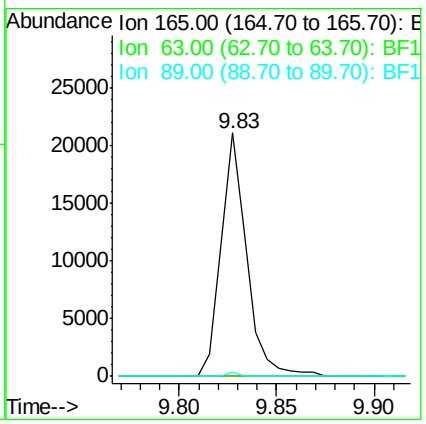


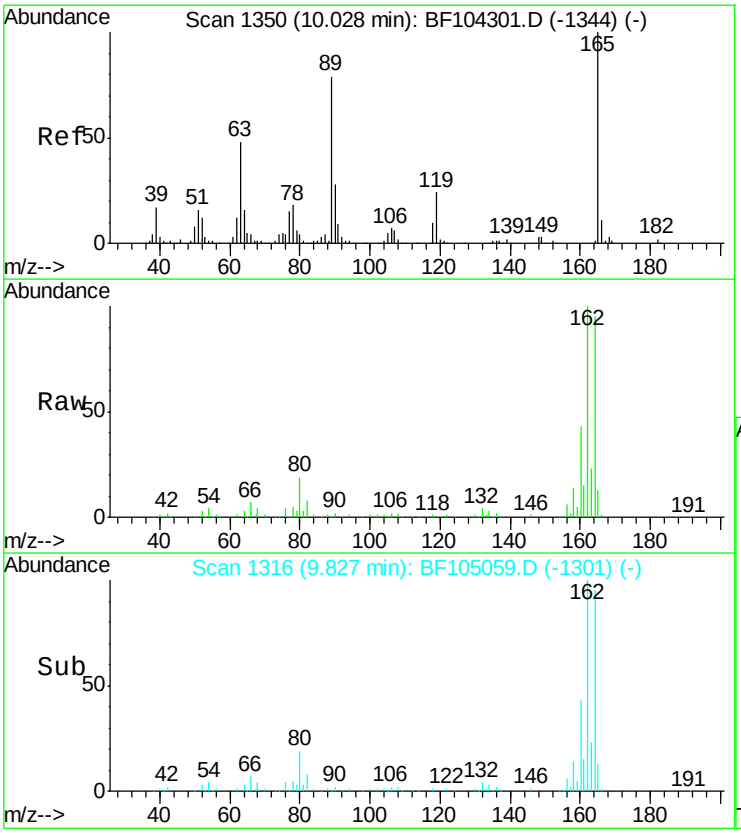
#50
2,6-Dinitrotoluene
Concen: 8.782 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

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

Tgt Ion:165 Resp: 19224

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#

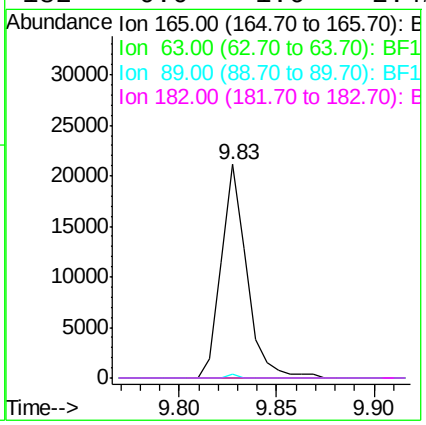


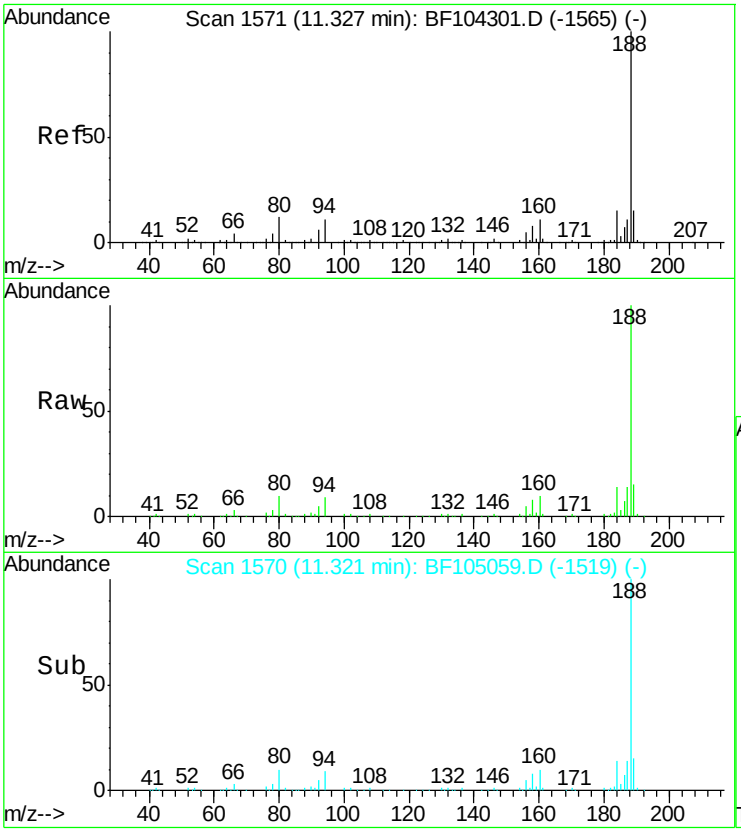


#56
2,4-Dinitrotoluene
Concen: 6.695 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

Tgt Ion:165 Resp: 19224

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



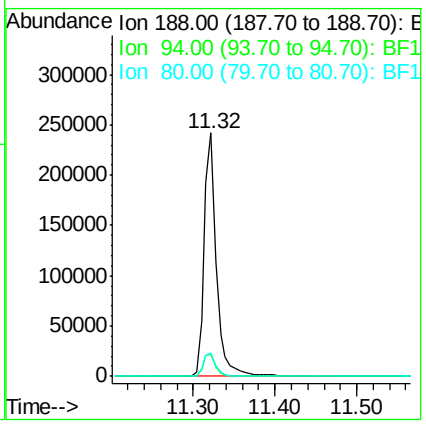


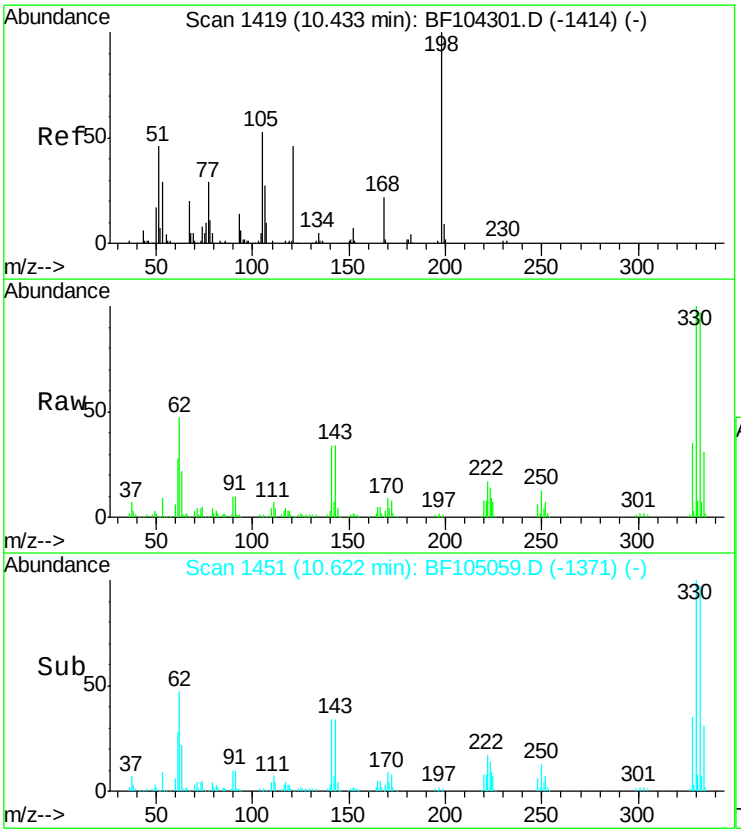
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

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

Tgt Ion:188 Resp: 251611

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.5	9.2	13.8

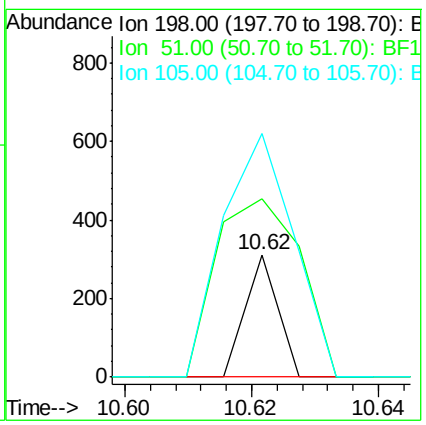


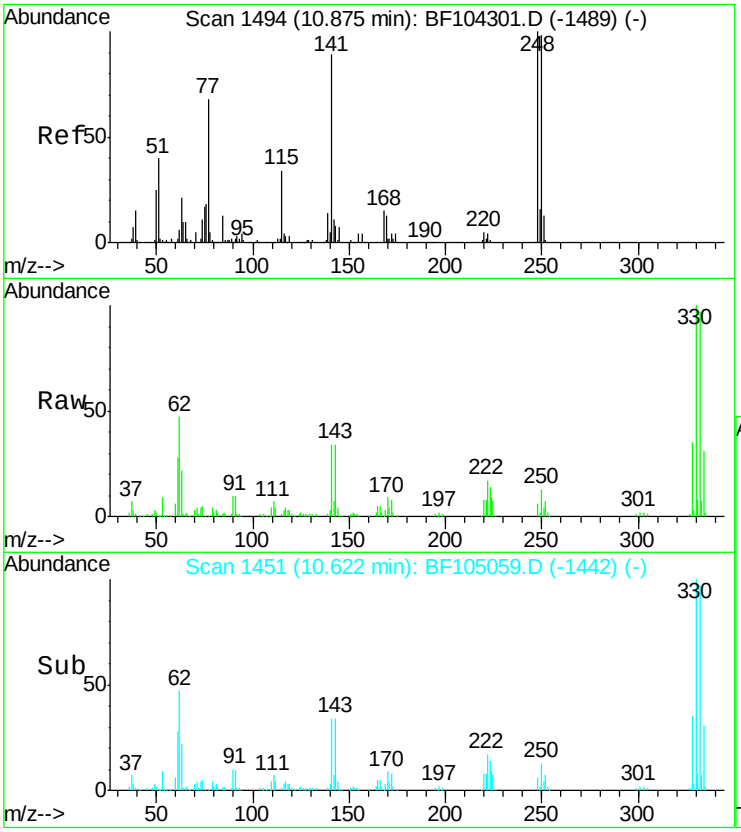


#64
4,6-Dinitro-2-methylphenol
Concen: 7.423 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

Tgt Ion:198 Resp: 110

Ion	Ratio	Lower	Upper
198	100		
51	146.3	37.7	77.7#
105	199.4	36.3	76.3#



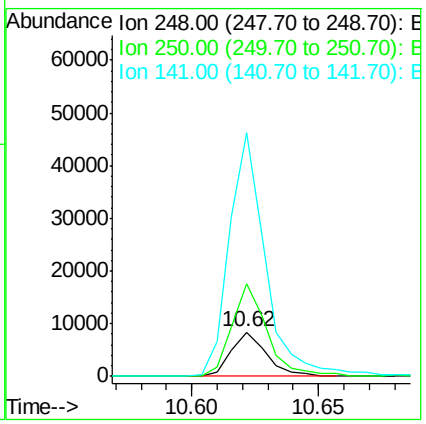


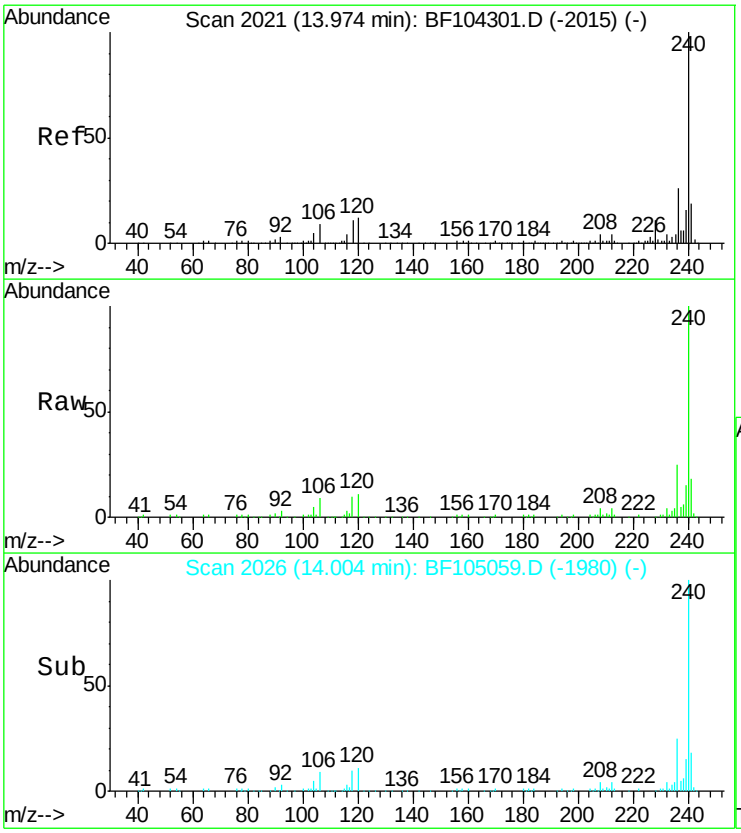
#66
4-Bromophenyl-phenylether
Concen: 3.008 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

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

Tgt Ion:248 Resp: 8050

Ion	Ratio	Lower	Upper
248	100		
250	209.4	76.9	115.3#
141	552.8	74.4	111.6#

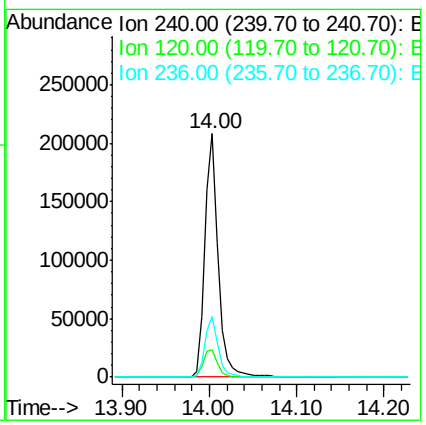


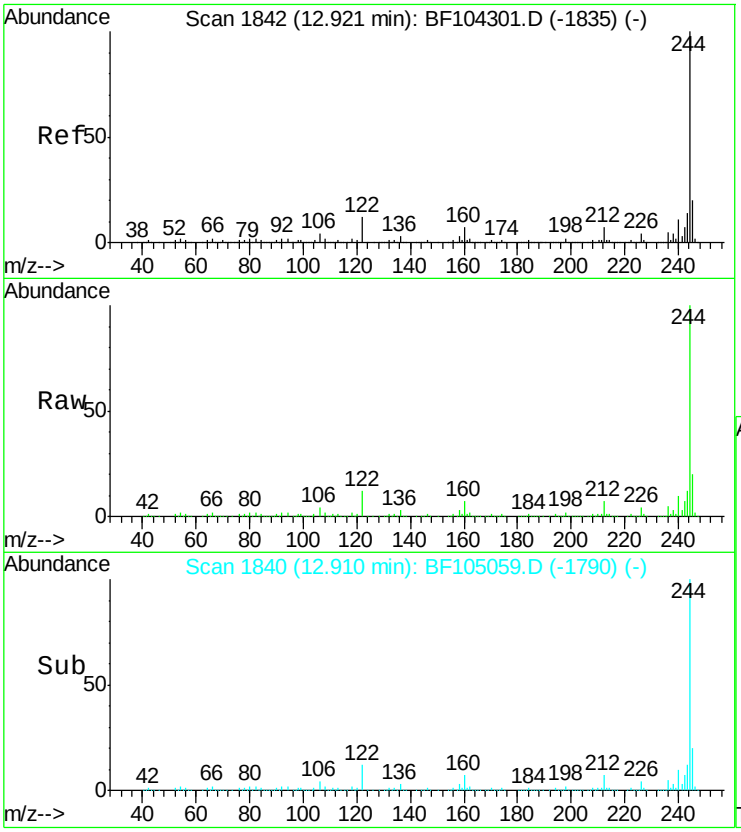


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

Tgt Ion:240 Resp: 221286

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.0	20.7	31.1



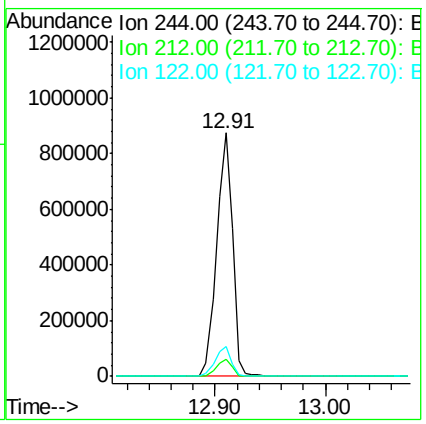


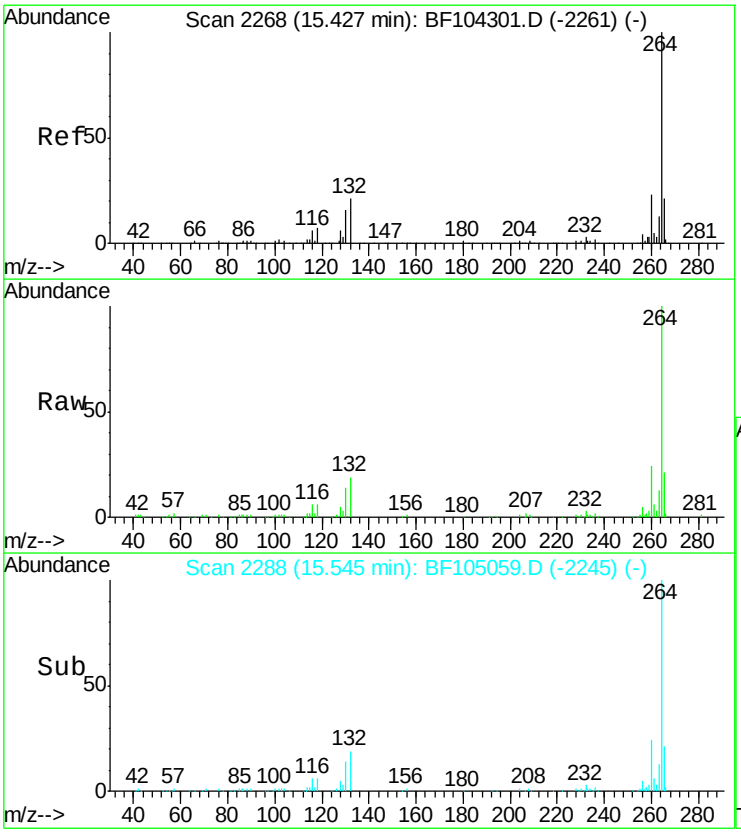
#78
Terphenyl-d14
Concen: 89.906 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

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

Tgt Ion:244 Resp: 872646

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.05 min
Lab File: BF105059.D
Acq: 3 May 2018 4:42

Tgt Ion:264 Resp: 173823

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.5	26.3