Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105097.D
Acq On : 4 May 2018 2:20
Operator : JU/SJ
Sample : J2626-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 04 03:56:28 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	6.78	152	110675	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	450663	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	193909	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	303263	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	191491	20.00	ng	0.00
86) Perylene-d12	15.60	264	154403	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	887190	122.57	ng	0.00
7) Phenol-d6	6.44	99	1071023	120.43	ng	0.00
23) Nitrobenzene-d5	7.35	82	634750	91.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	242745	120.68	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1091994	88.96	ng	-0.02
78) Terphenyl-d14	12.90	244	767311	91.35	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	1115	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.35	70	82192	14.14	ng	# 72
25) Isophorone	7.35	82	634746	43.49	ng	# 64
49) Dimethylphthalate	9.54	163	133317	8.72	ng	99
56) 2,4-Dinitrotoluene	9.82	165	24535	6.61	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	150	7.43	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	14640	4.54	ng	# 1
76) Benzidine	12.90	184	9668	Below Cal		97

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

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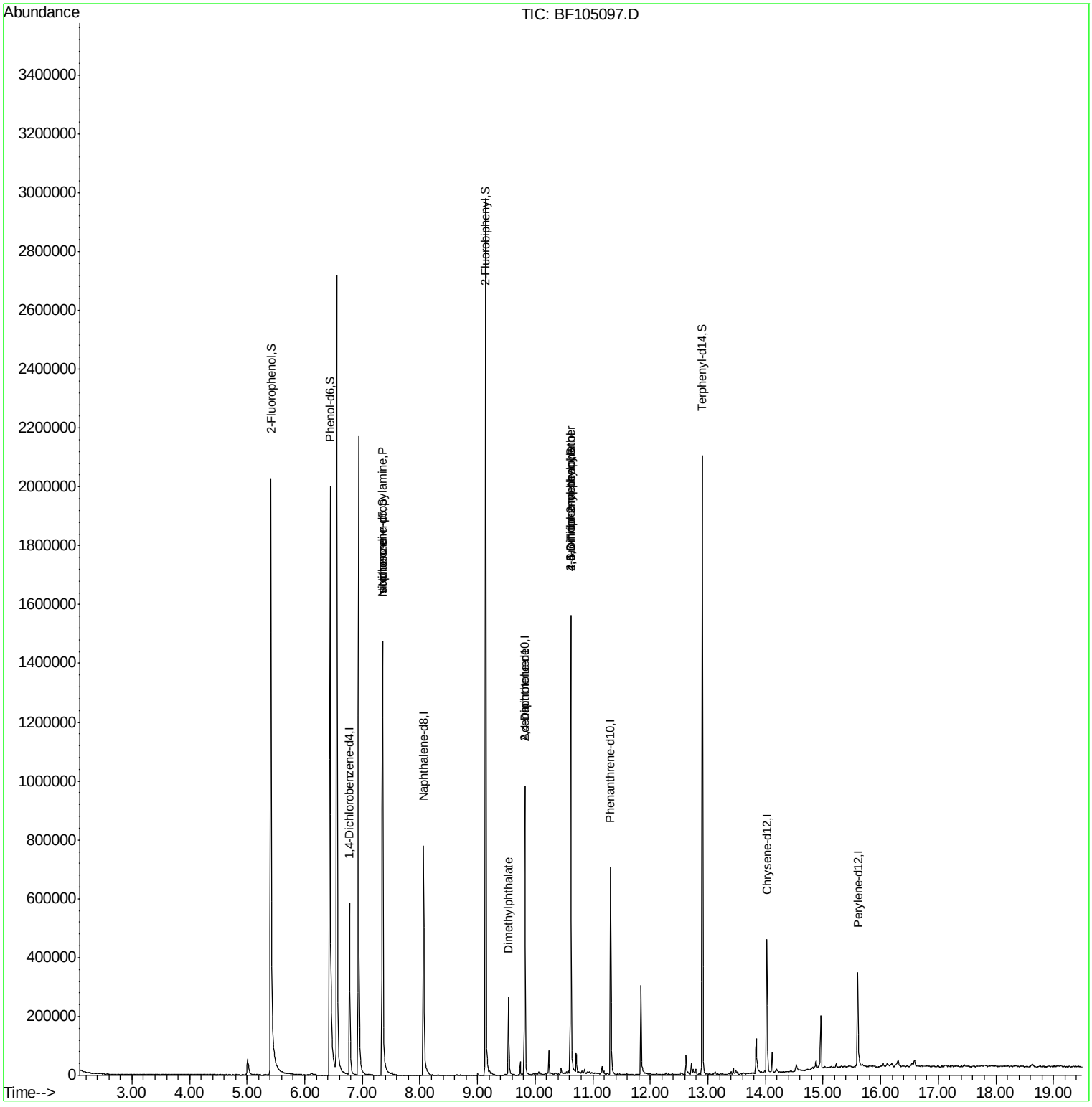
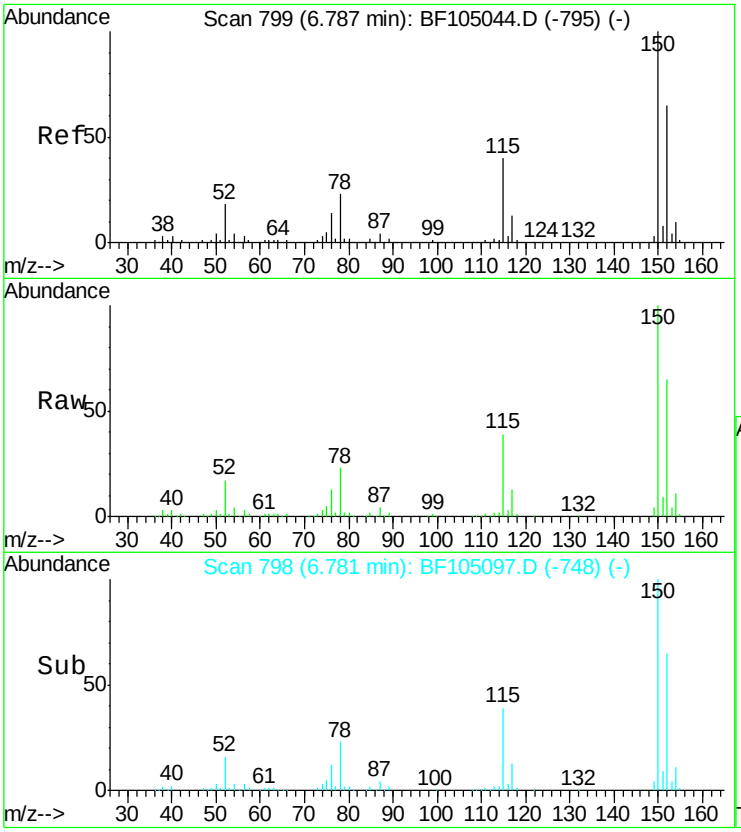
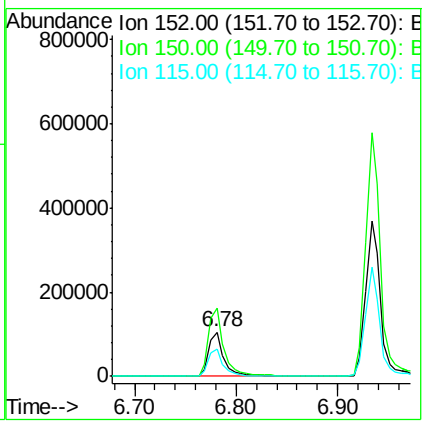




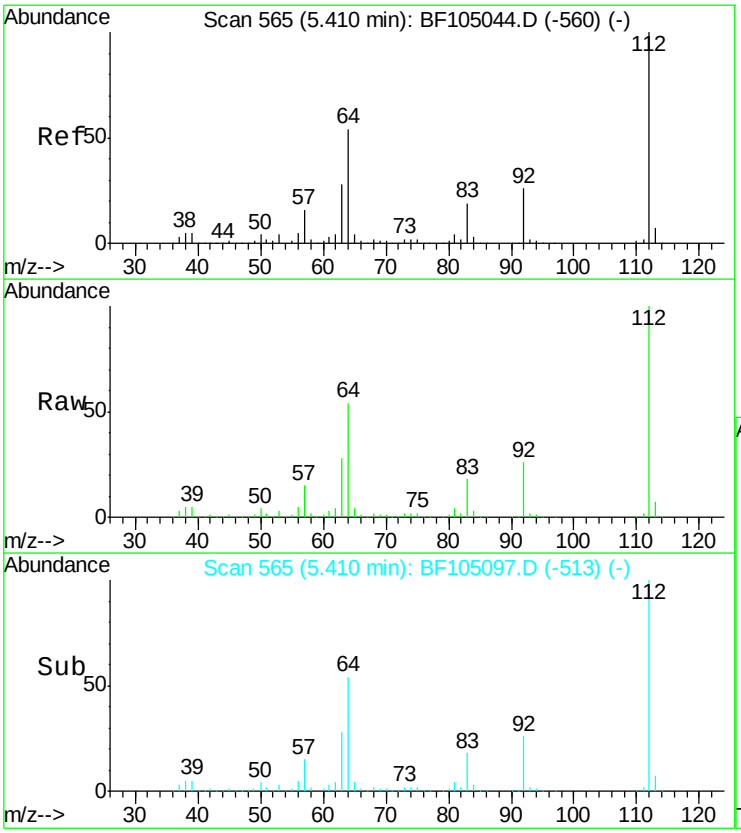
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:152 Resp: 110675

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	60.5	50.1	75.1



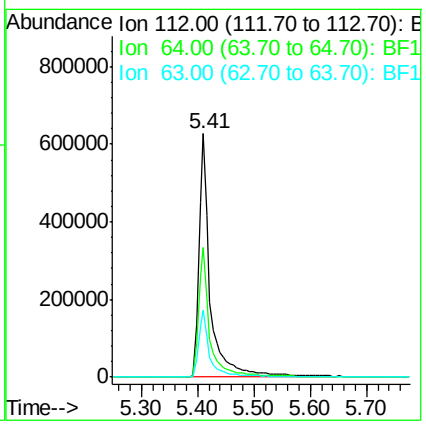
Instrument :
BNA_F
ClientSampleId :

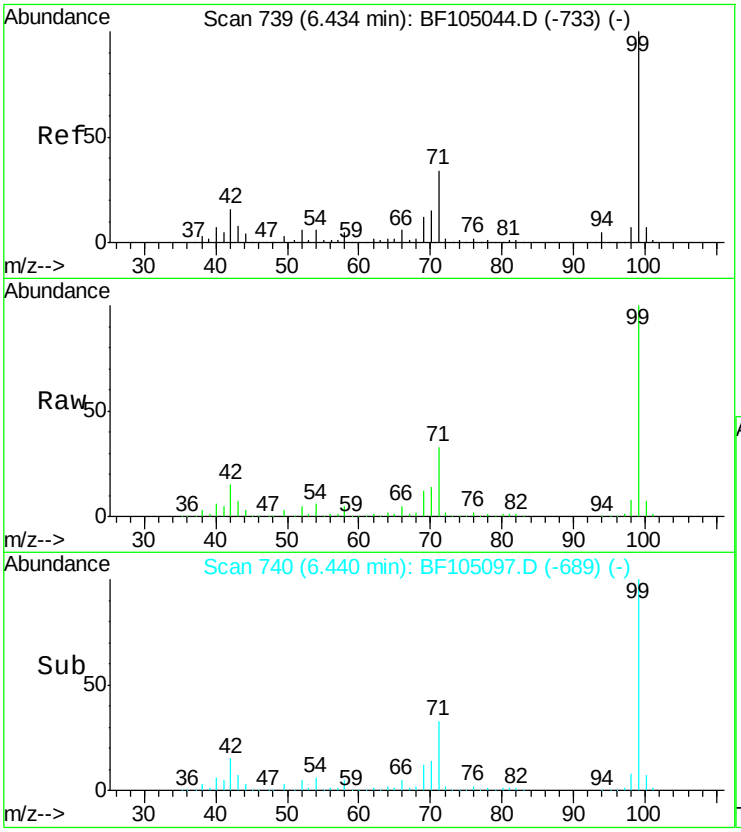


#5
2-Fluorophenol
Concen: 122.57 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:112 Resp: 887190

Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	27.6	23.7	35.5



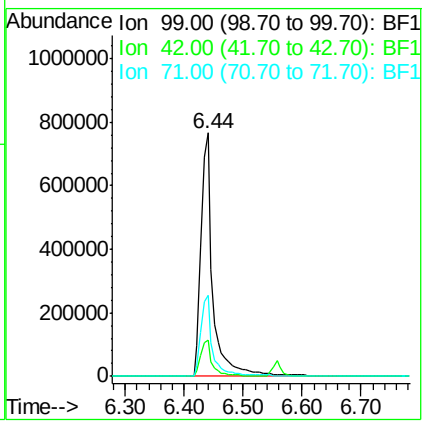


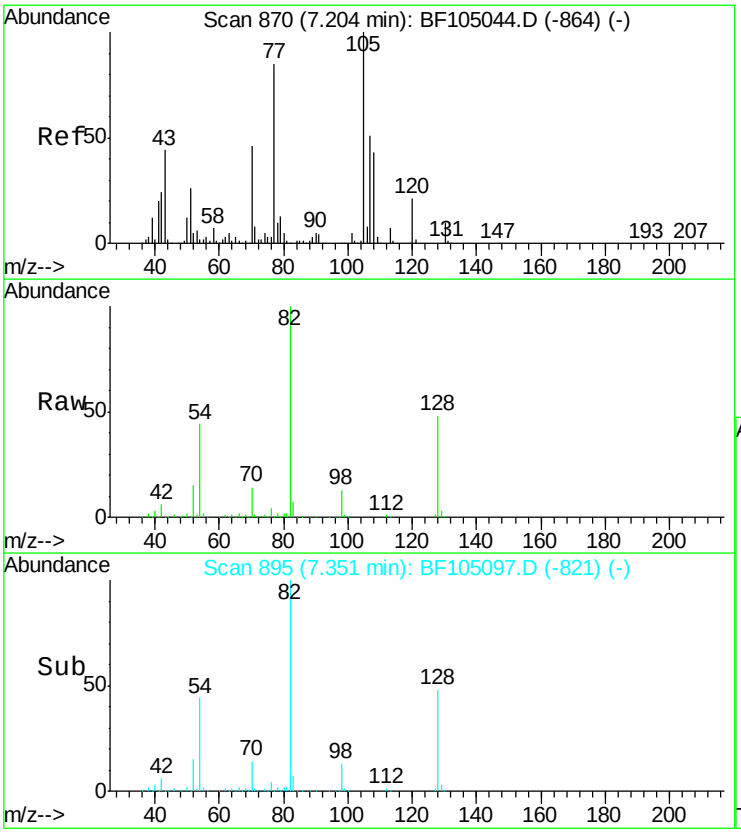
#7
Phenol-d6
Concen: 120.43 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1071023

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	33.4	25.4	38.0

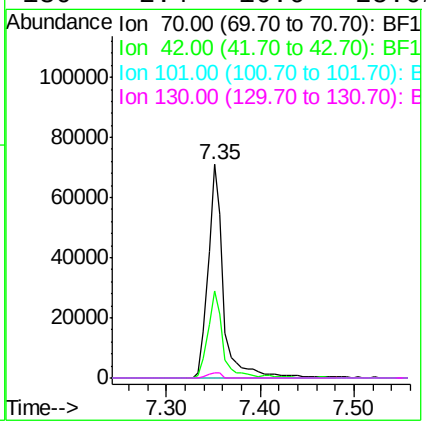


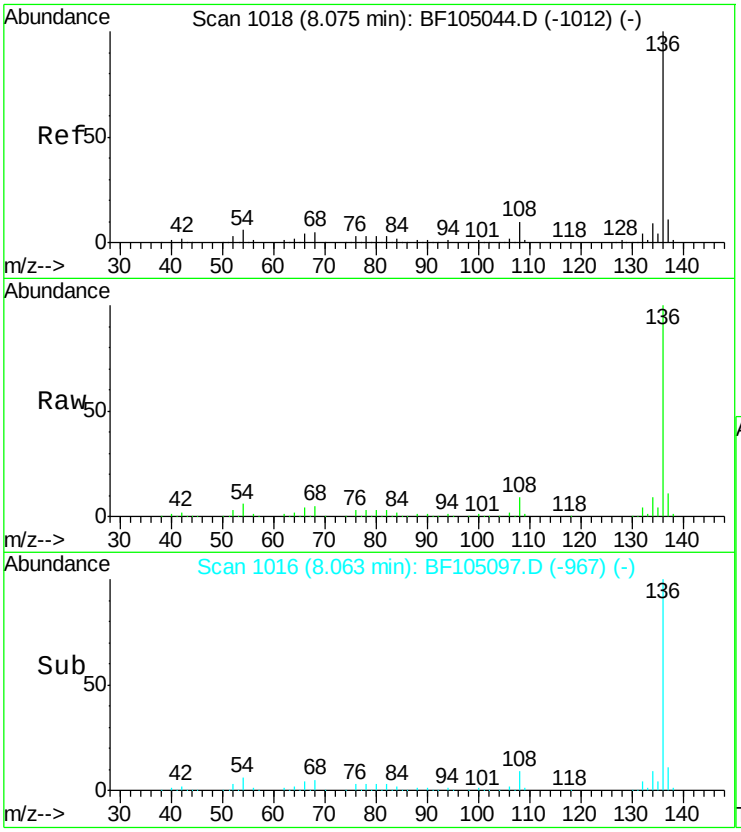


#19
n-Nitroso-di-n-propylamine
Concen: 14.14 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion: 70 Resp: 82192

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#



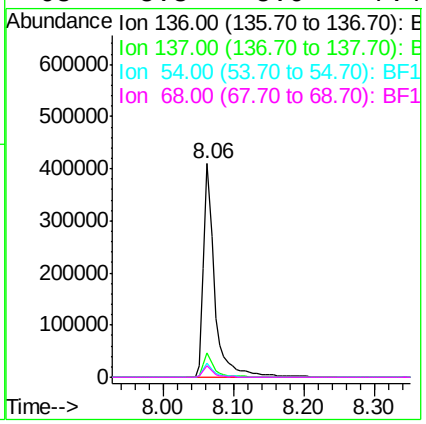


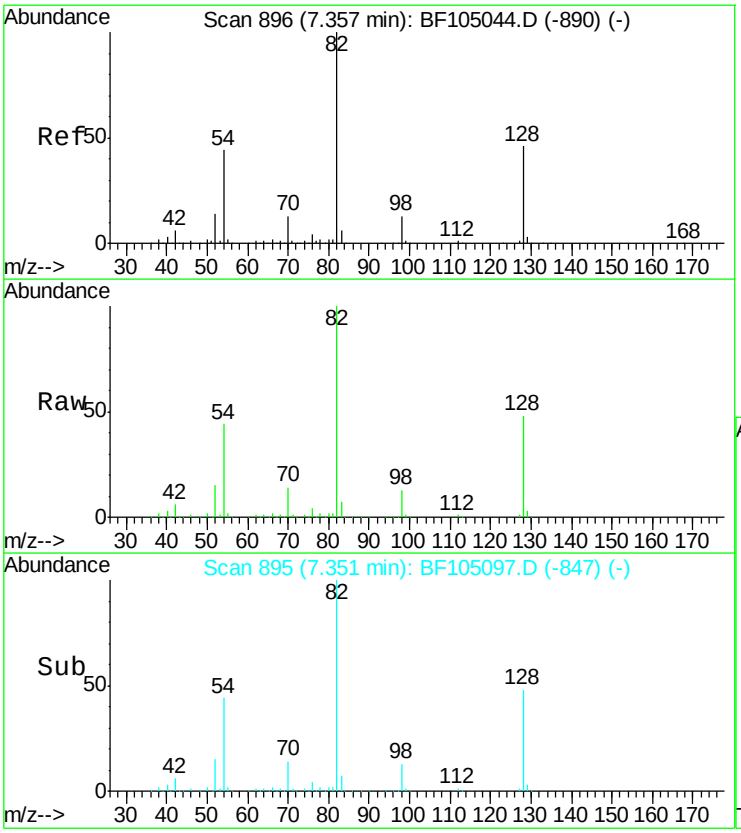
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 450663

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.4	6.6	9.8#
68	5.3	5.0	7.4

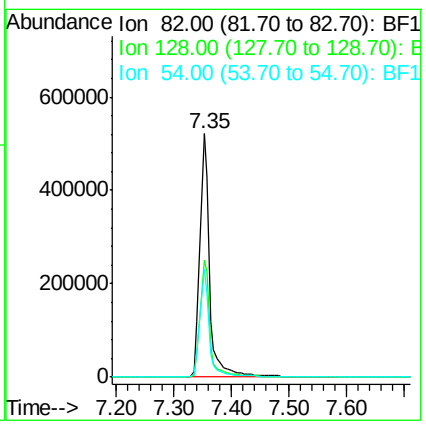


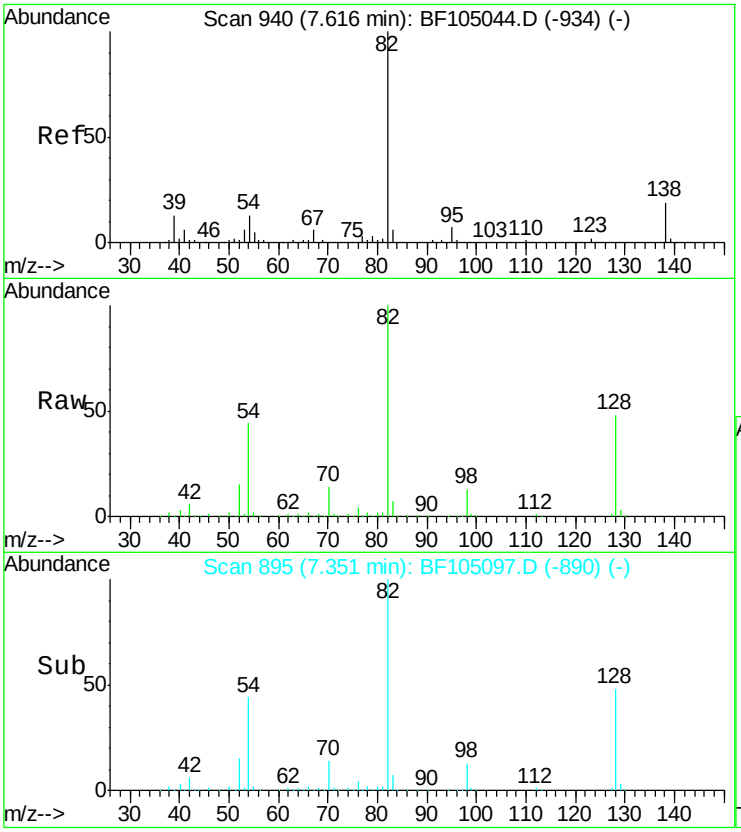


#23
Nitrobenzene-d5
Concen: 91.97 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion: 82 Resp: 634750

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	44.1	41.4	62.2



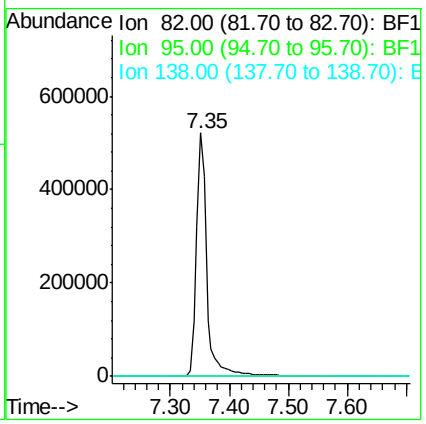


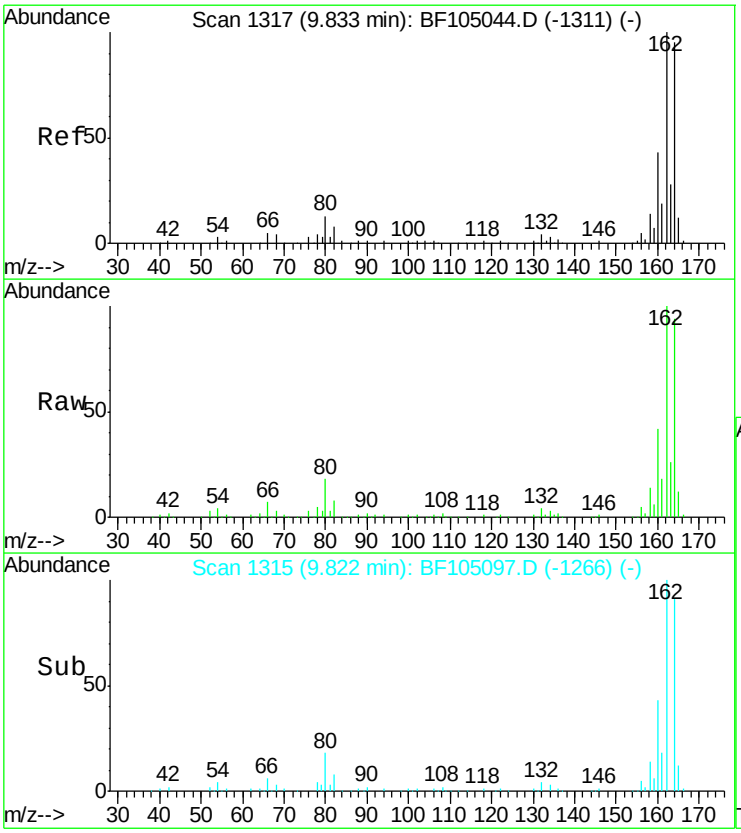
#25
Isophorone
Concen: 43.49 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.27 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 634746

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

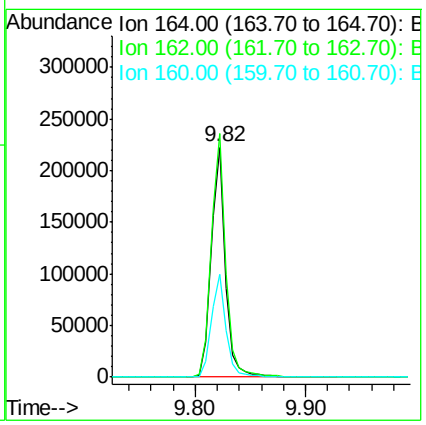


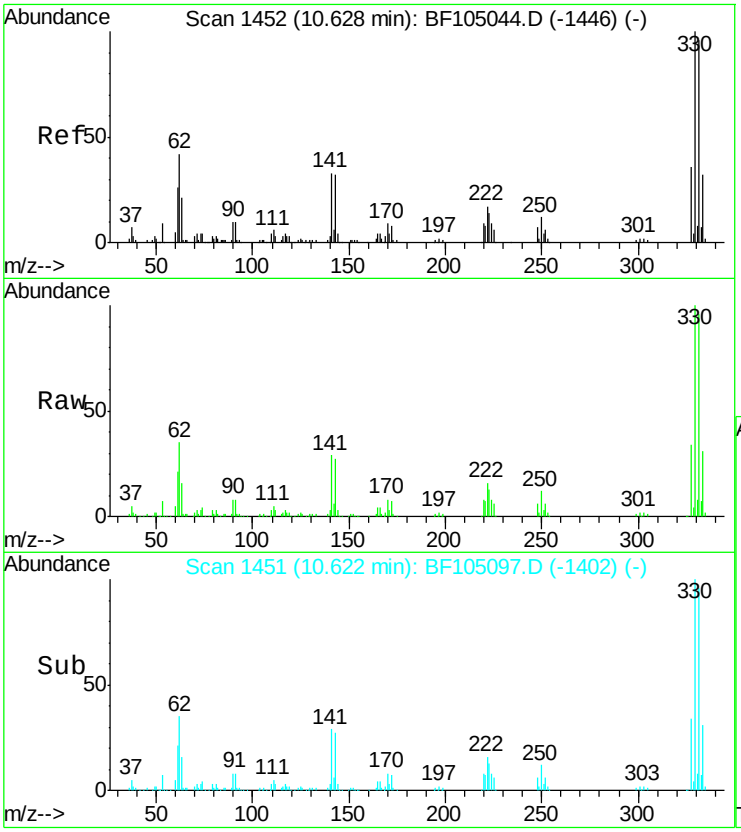


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:164 Resp: 193909

Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	45.0	38.3	57.5



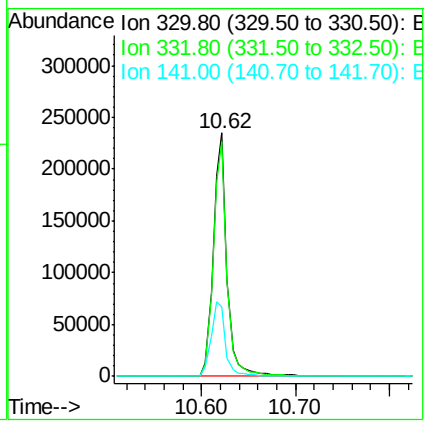


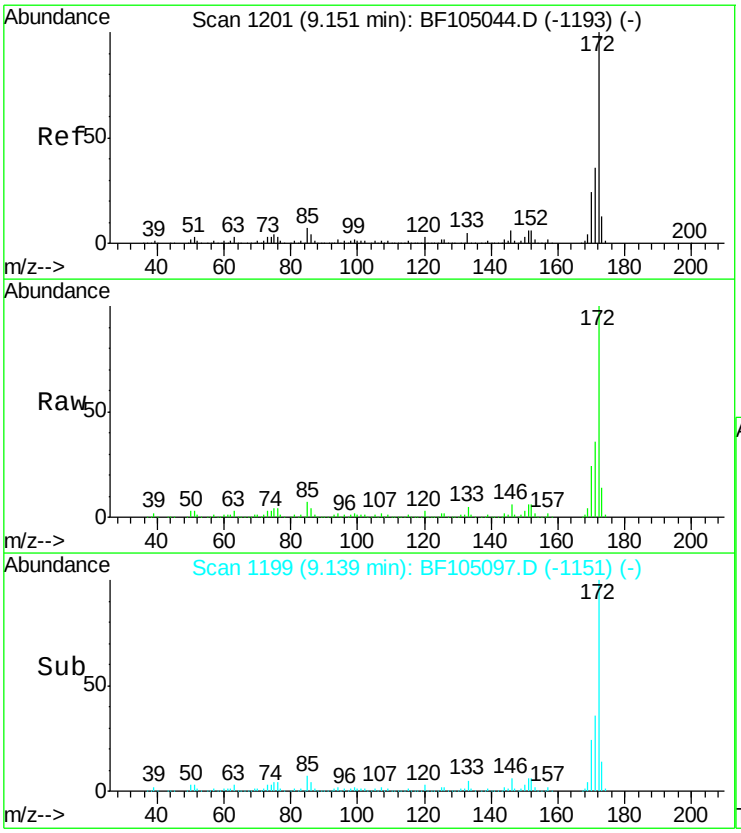
#41
2,4,6-Tribromophenol
Concen: 120.68 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 242745

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.5	29.9	44.9

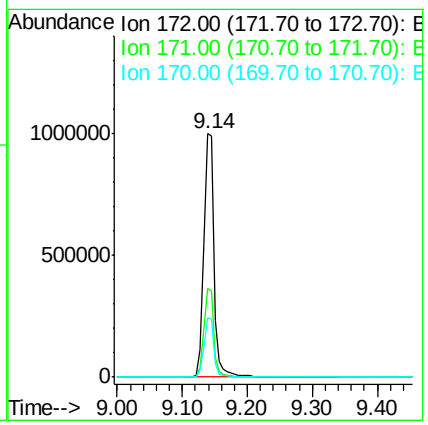


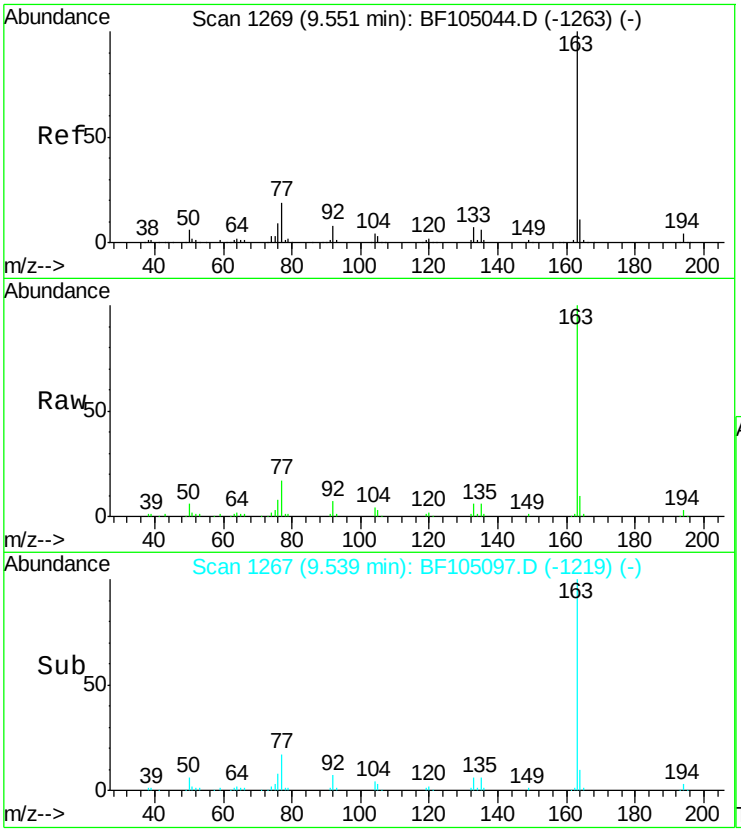


#44
2-Fluorobiphenyl
Concen: 88.96 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:172 Resp: 1091994

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



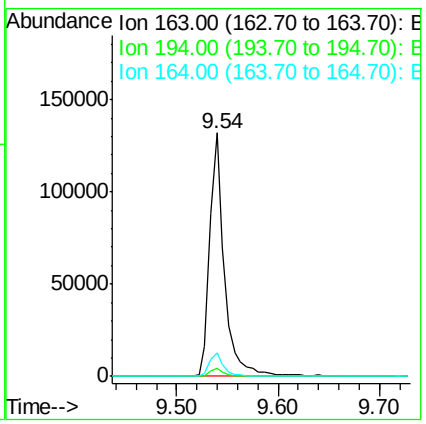


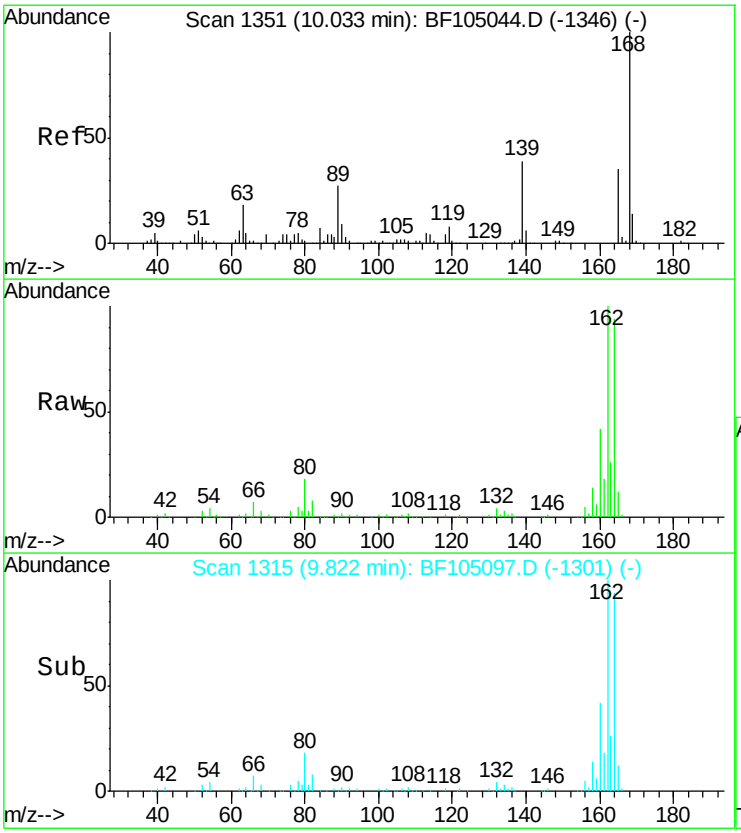
#49
Dimethylphthalate
Concen: 8.72 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 133317

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.7	8.2	12.2

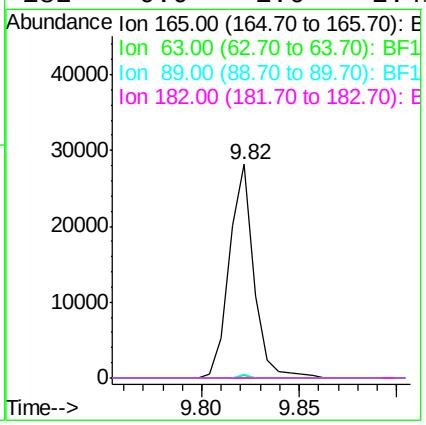


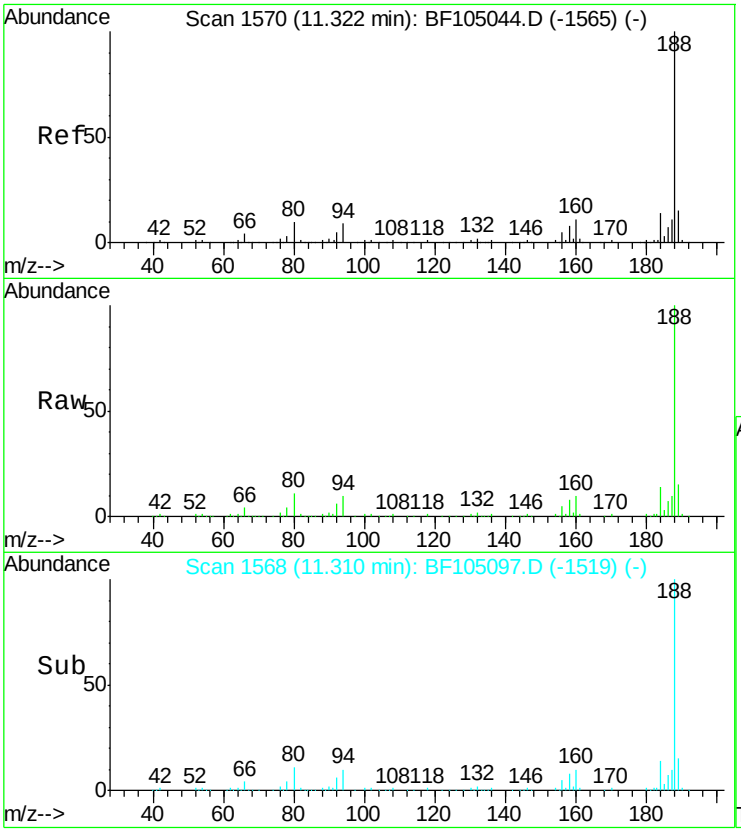


#56
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:165 Resp: 24535

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



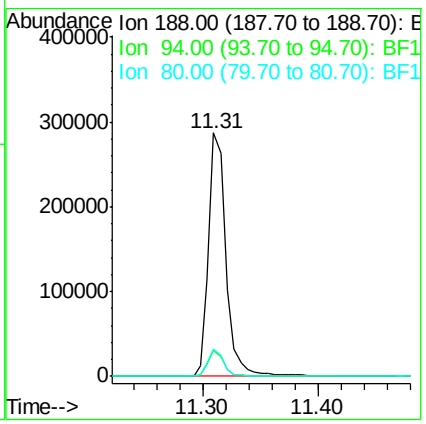


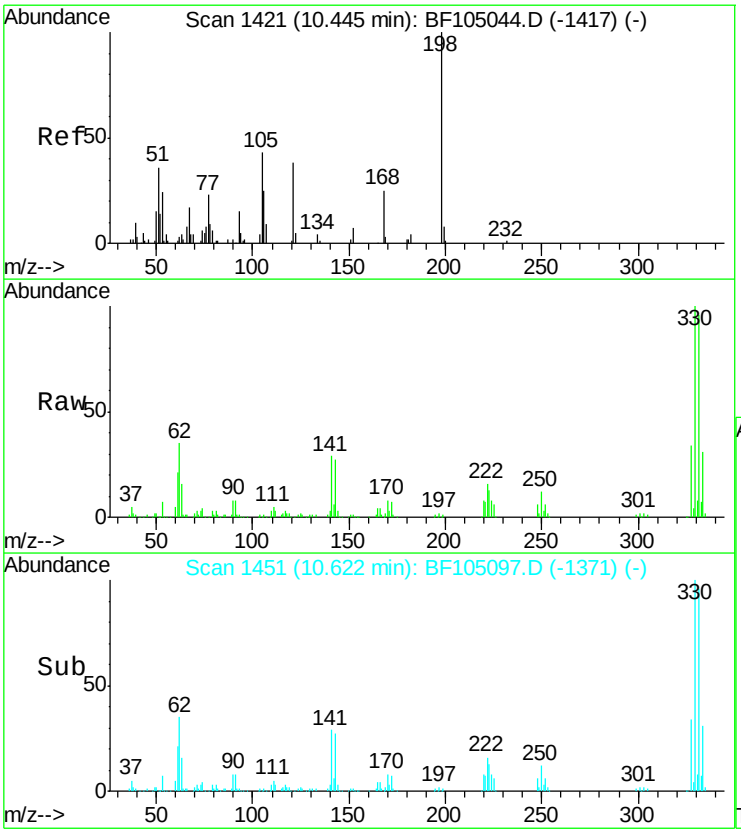
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 303263

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.0	9.2	13.8

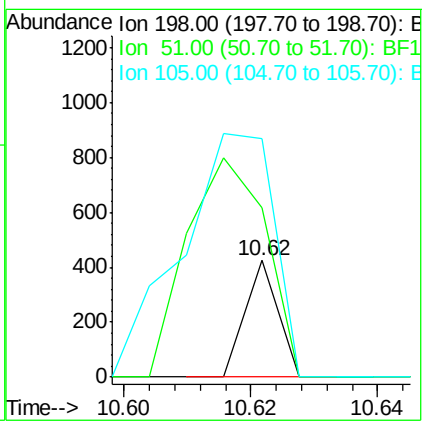


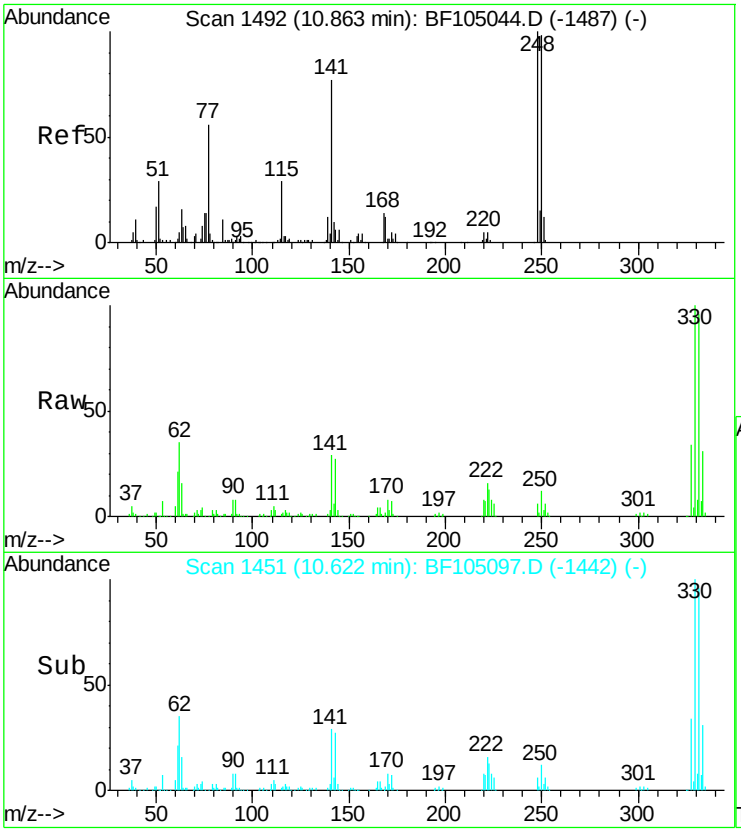


#64
4,6-Dinitro-2-methylphenol
Concen: 7.43 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:198 Resp: 150

Ion	Ratio	Lower	Upper
198	100		
51	145.4	37.7	77.7#
105	204.5	36.3	76.3#



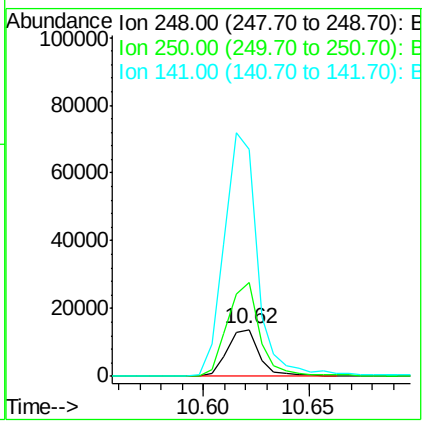


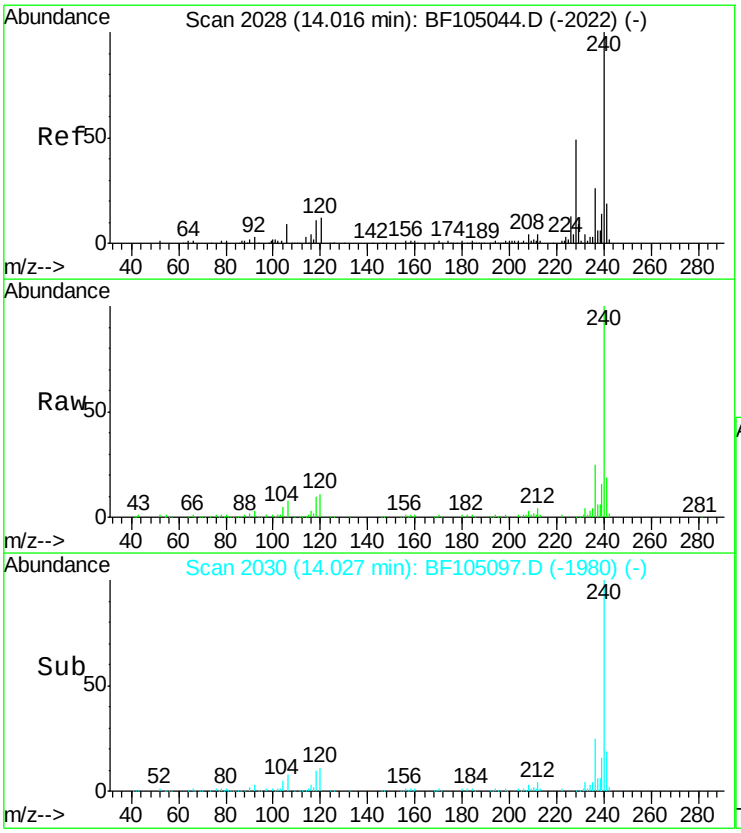
#66
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14640

Ion	Ratio	Lower	Upper
248	100		
250	200.9	76.9	115.3#
141	486.0	74.4	111.6#

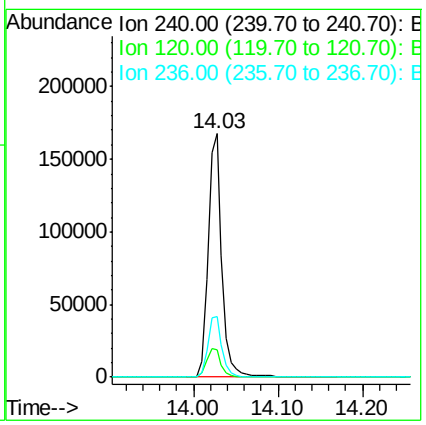


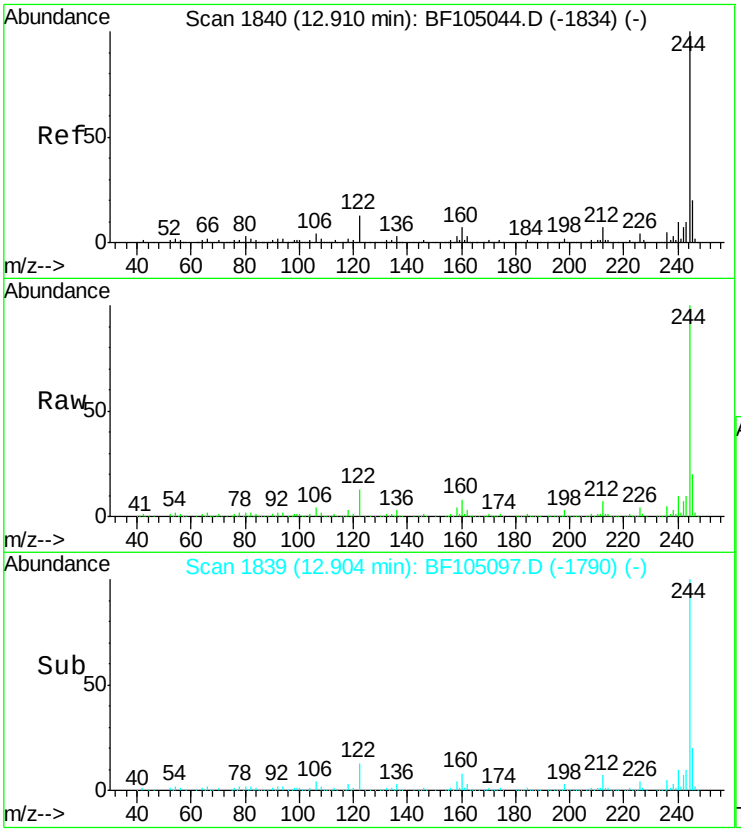


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:240 Resp: 191491

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	24.9	20.7	31.1



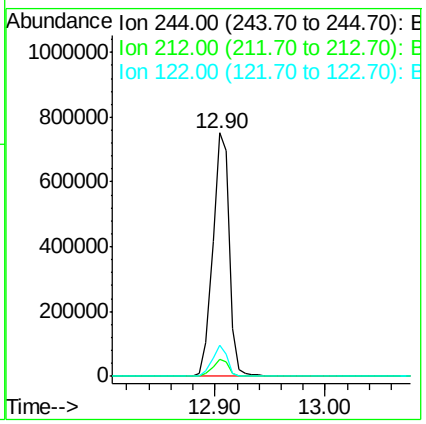


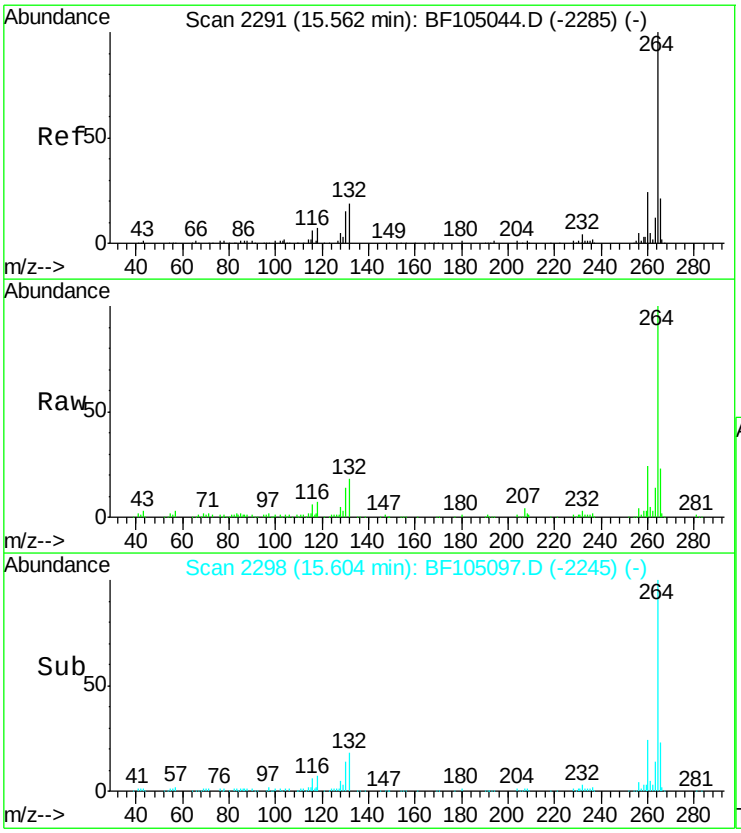
#78
Terphenyl-d14
Concen: 91.35 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 767311

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.8	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:264 Resp: 154403

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.6	17.5	26.3