Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105070.D
Acq On : 3 May 2018 9:39
Operator : JU/SJ
Sample : J2666-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 03 11:05:35 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	86385	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	351753	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	153874	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	250234	20.00	ng	0.00
75) Chrysene-d12	14.02	240	200293	20.00	ng	-0.02
86) Perylene-d12	15.57	264	153858	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	6679	1.18	ng	0.05
7) Phenol-d6	6.44	99	142452	20.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	338959	62.92	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	671998	68.99	ng	-0.01
78) Terphenyl-d14	12.91	244	571987	65.11	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	44082	9.718	ng	# 72
49) Dimethylphthalate	9.55	163	43687	3.600	ng	99
50) 2,6-Dinitrotoluene	9.83	165	19140	8.525	ng	# 26
76) Benzidine	12.91	184	7235	Below Cal		# 94

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

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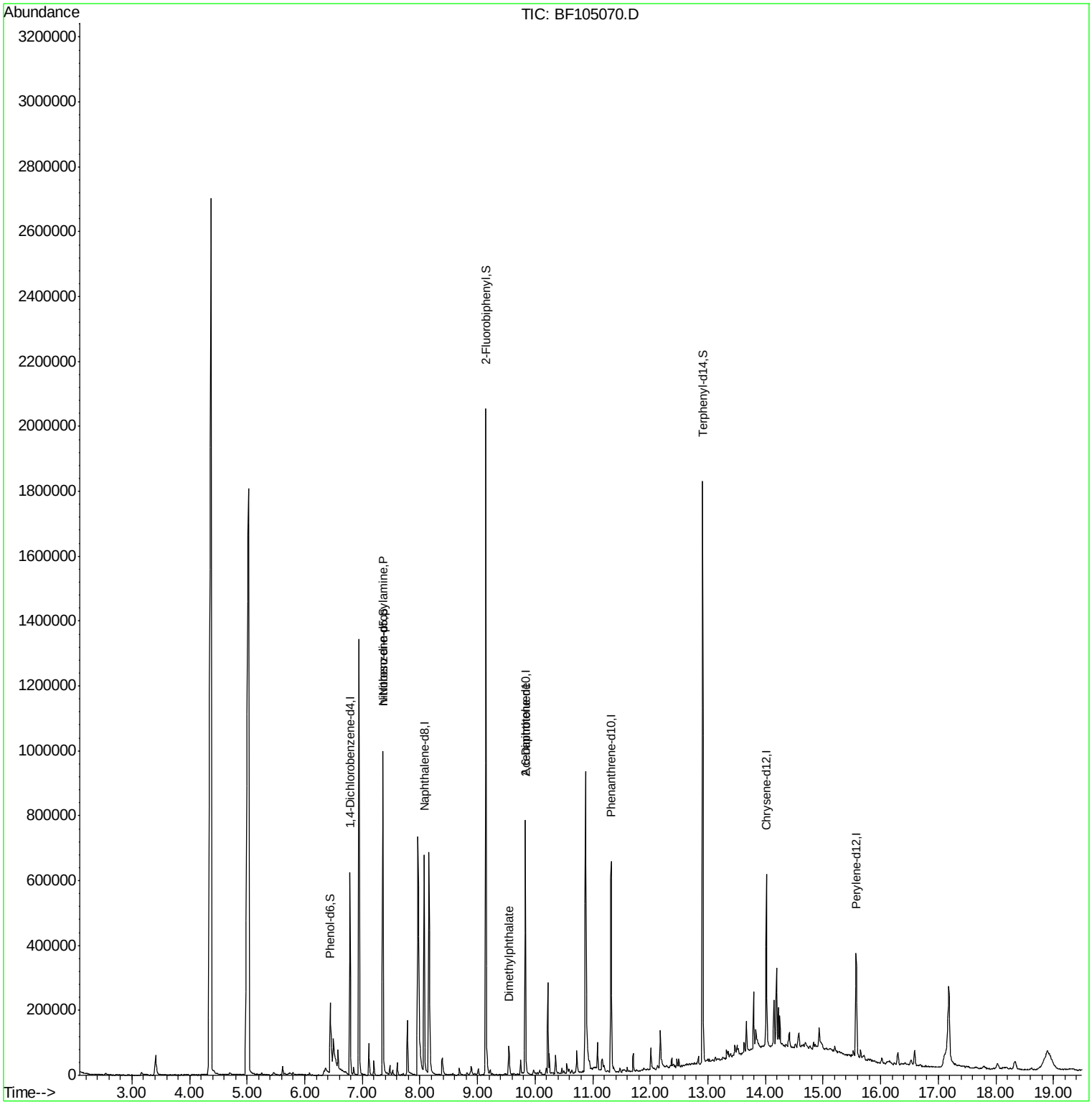
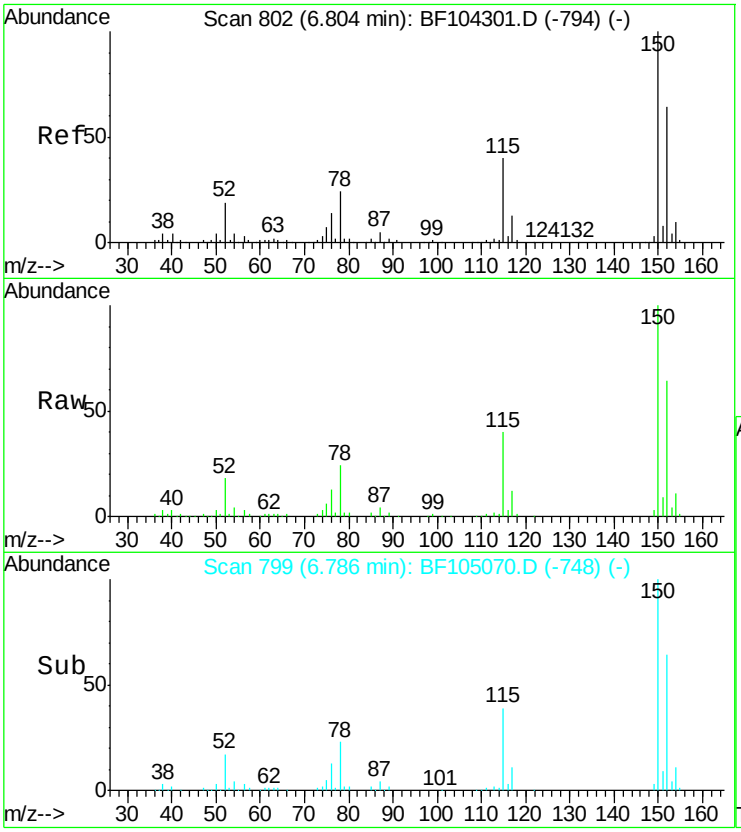


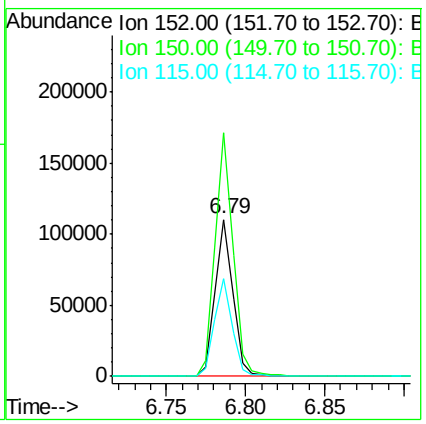


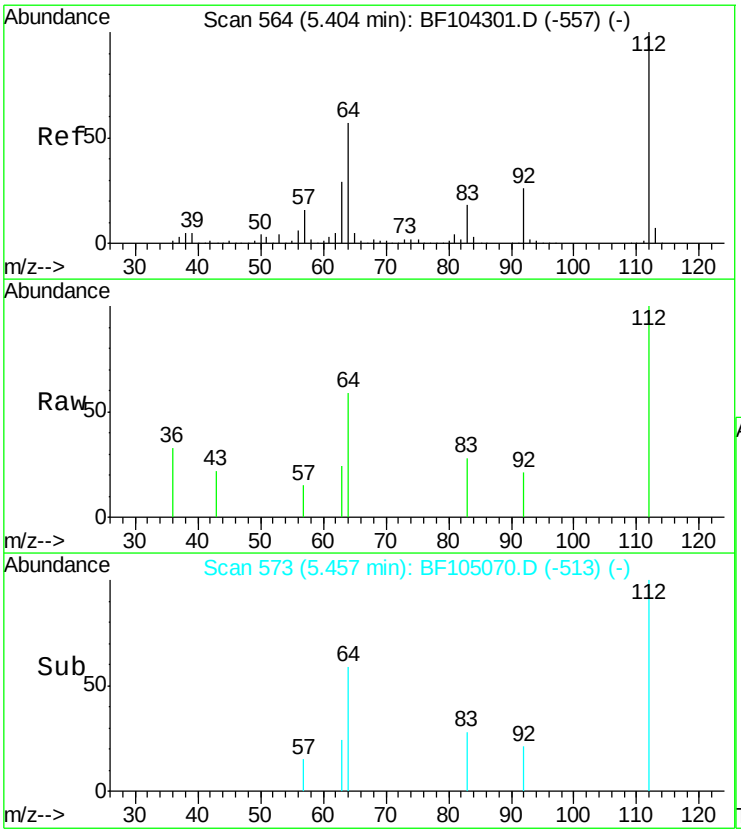
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86385

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	62.1	50.1	75.1

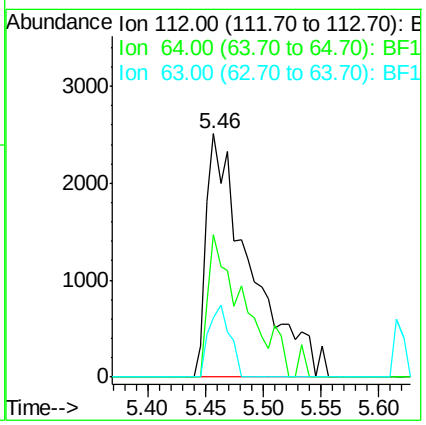


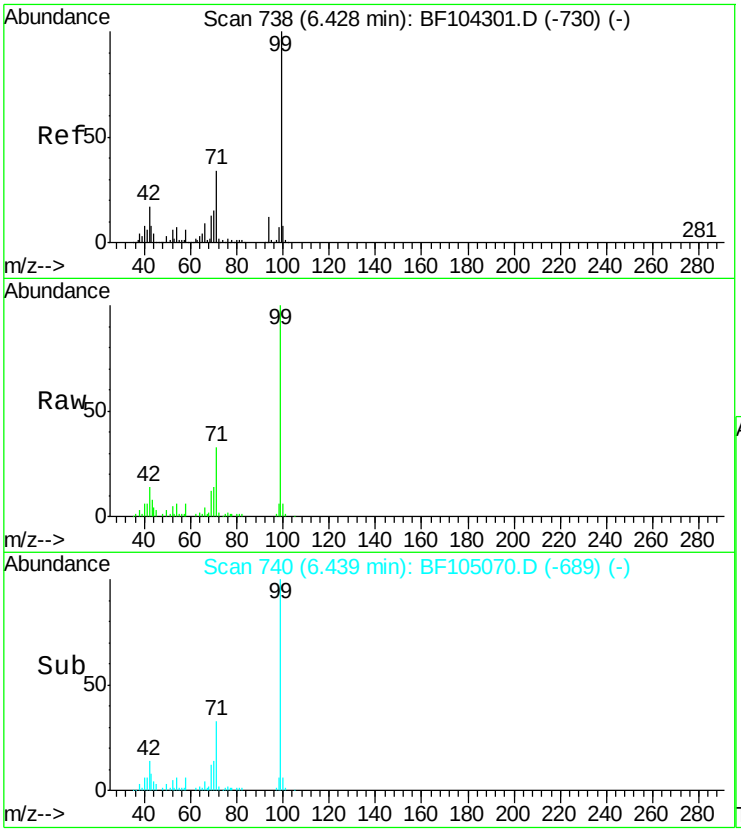


#5
2-Fluorophenol
Concen: 1.182 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.05 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Tgt Ion:112 Resp: 6679

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	24.2	23.7	35.5



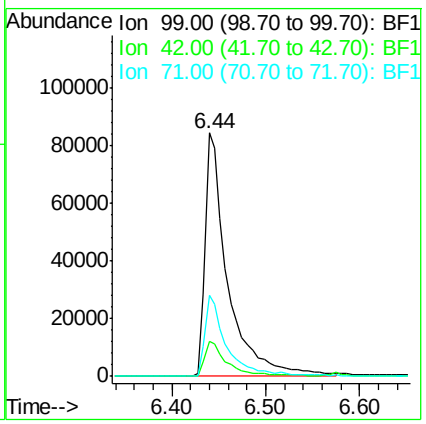


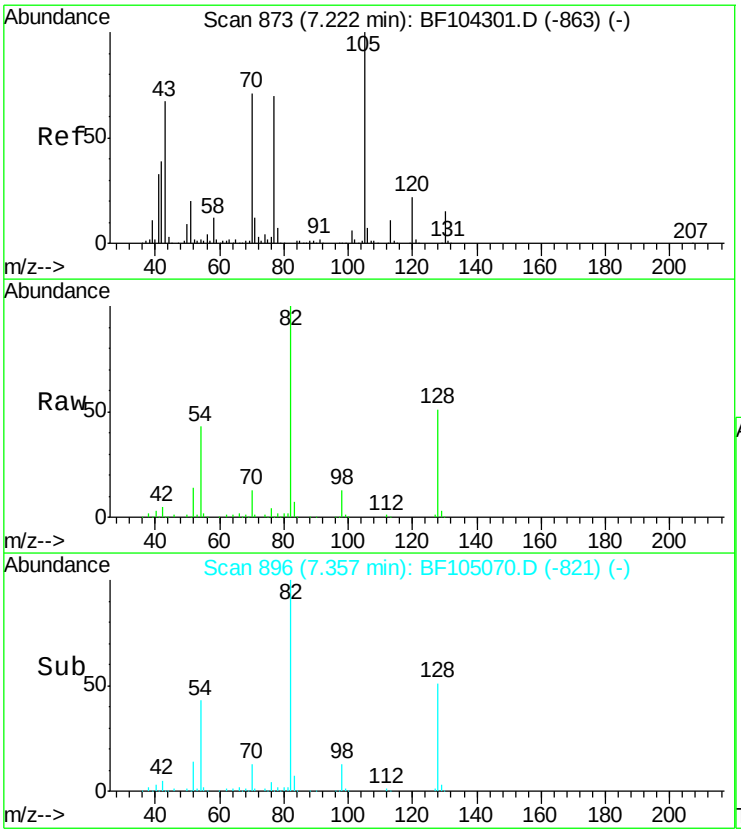
#7
Phenol-d6
Concen: 20.522 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 142452

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	33.0	25.4	38.0

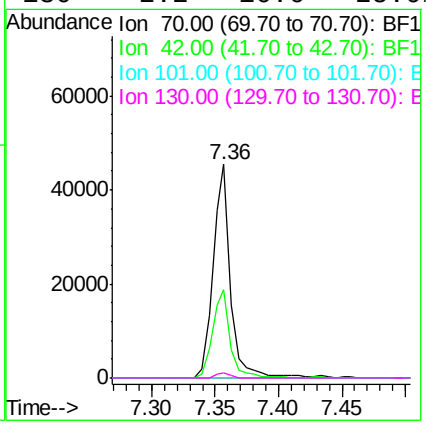


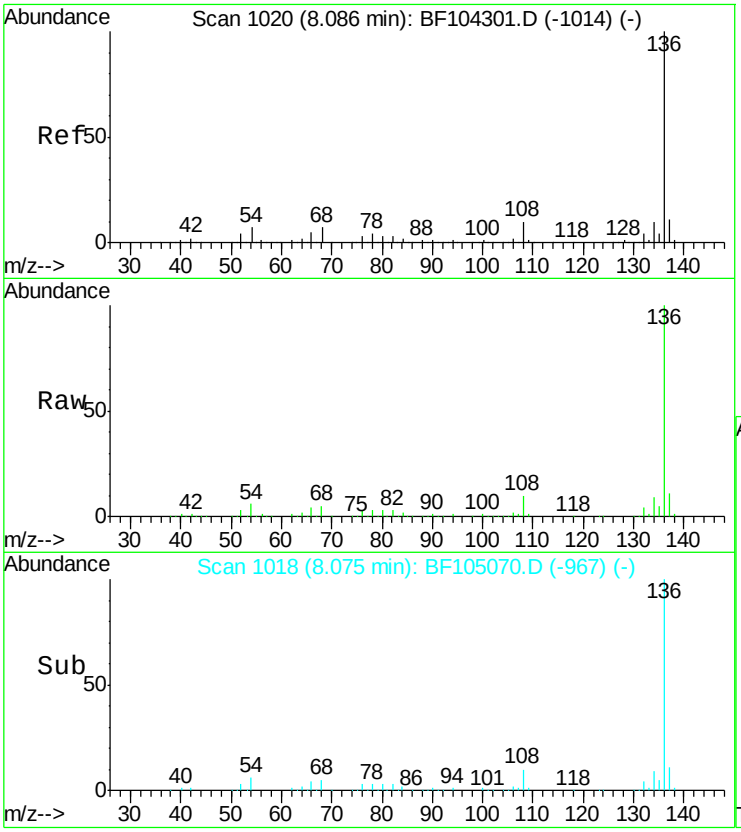


#19
n-Nitroso-di-n-propylamine
Concen: 9.718 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Tgt Ion: 70 Resp: 44082

Ion	Ratio	Lower	Upper
70	100		
42	41.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



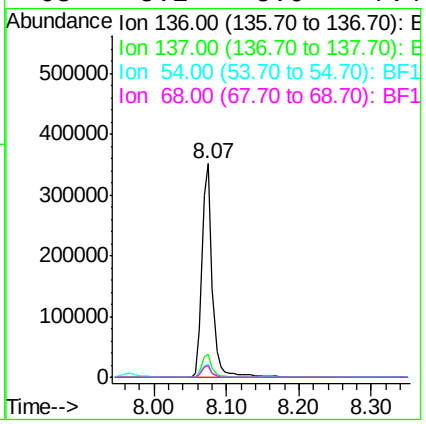


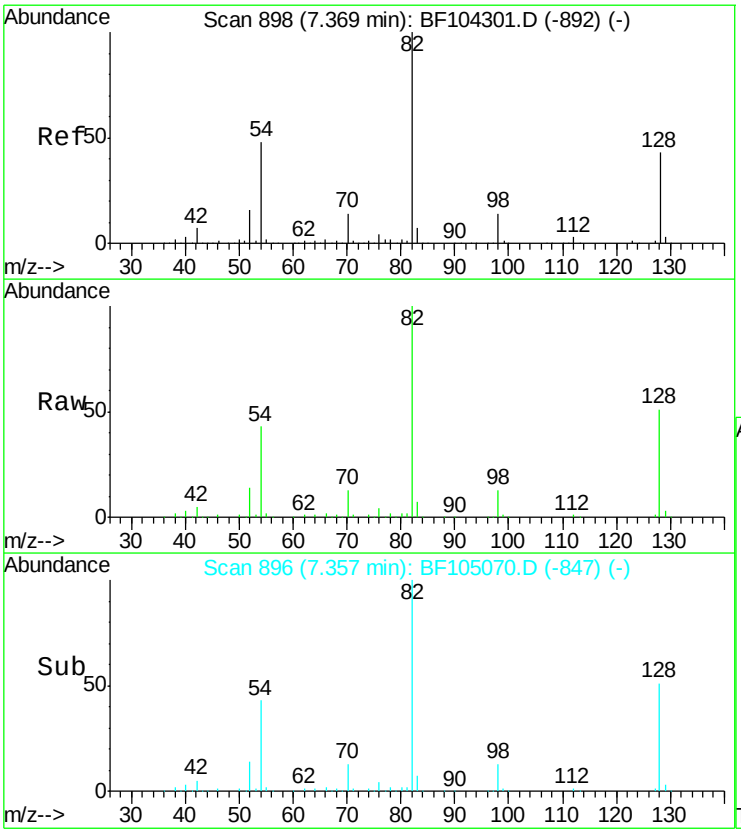
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 351753

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.7	6.6	9.8#
68	5.2	5.0	7.4

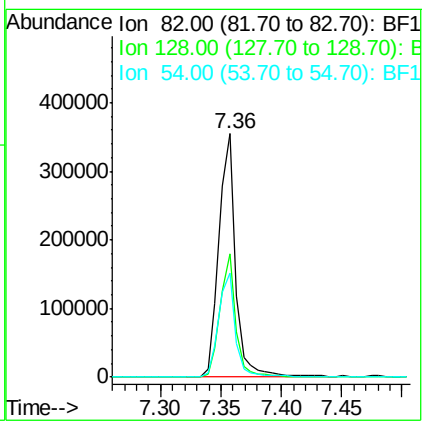


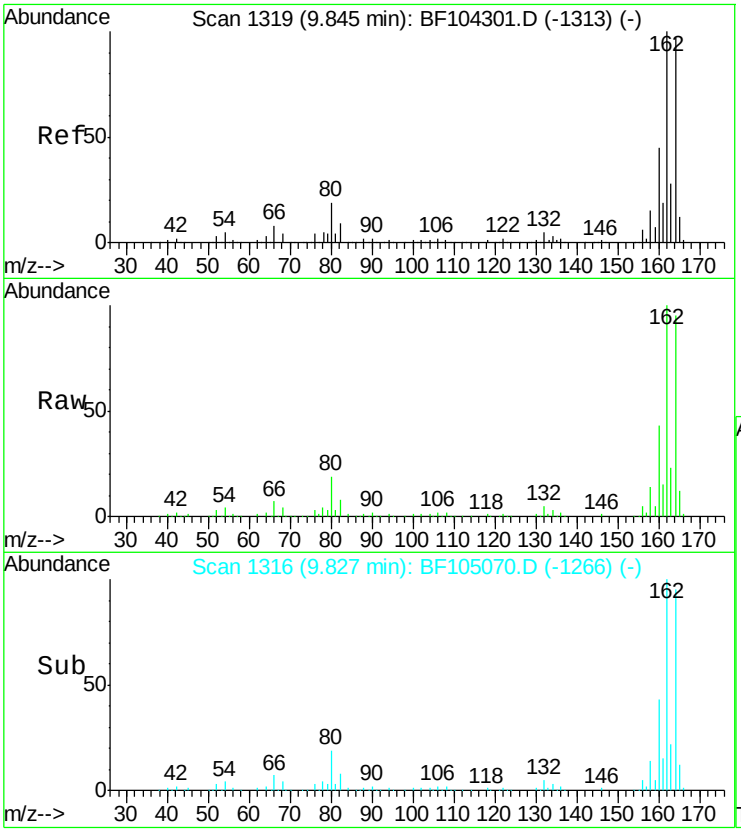


#23
Nitrobenzene-d5
Concen: 62.923 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Tgt Ion: 82 Resp: 338959

Ion	Ratio	Lower	Upper
82	100		
128	50.6	36.1	54.1
54	42.6	41.4	62.2



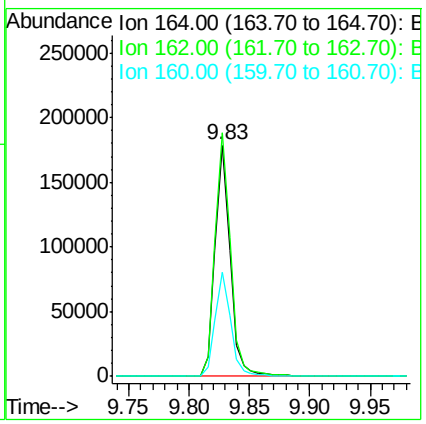


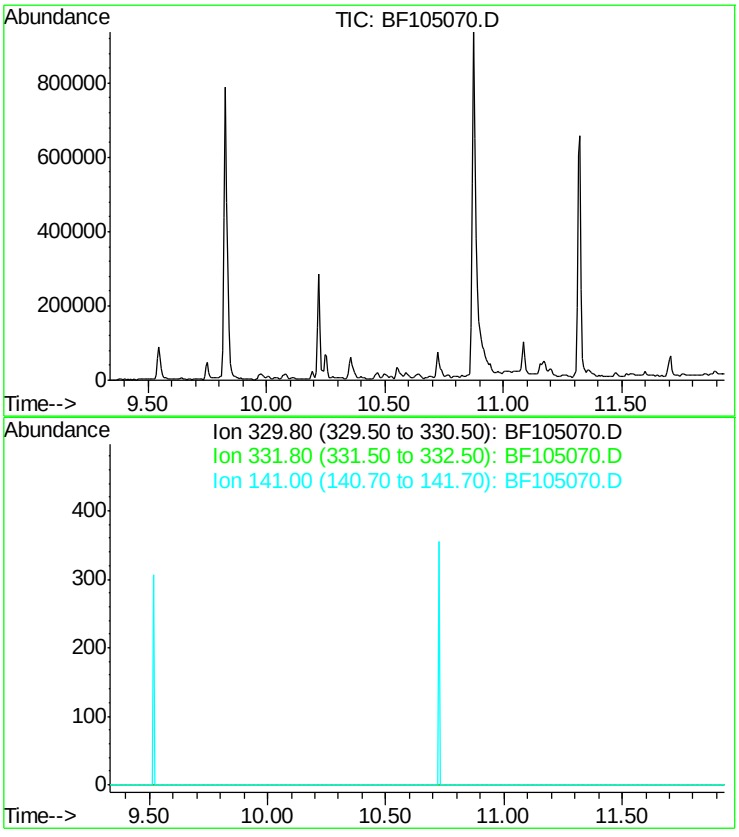
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 153874

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	44.8	38.3	57.5



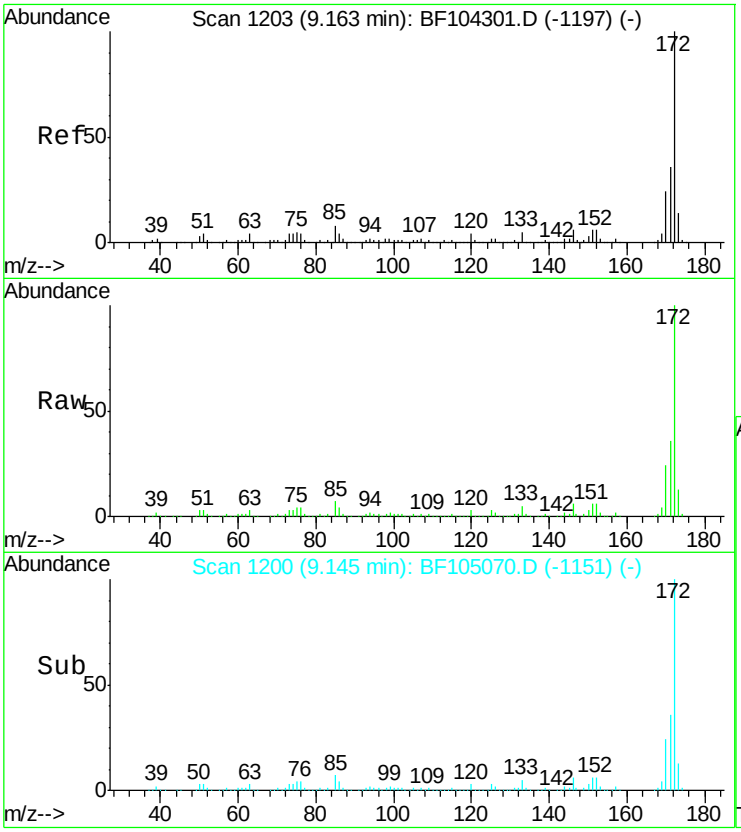


#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.63 min

Lab File: BF105070.D
Acq: 3 May 2018 9:39

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4

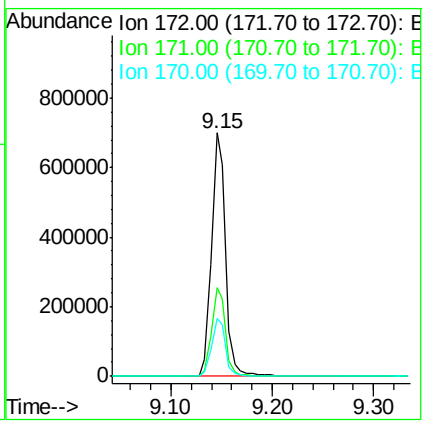


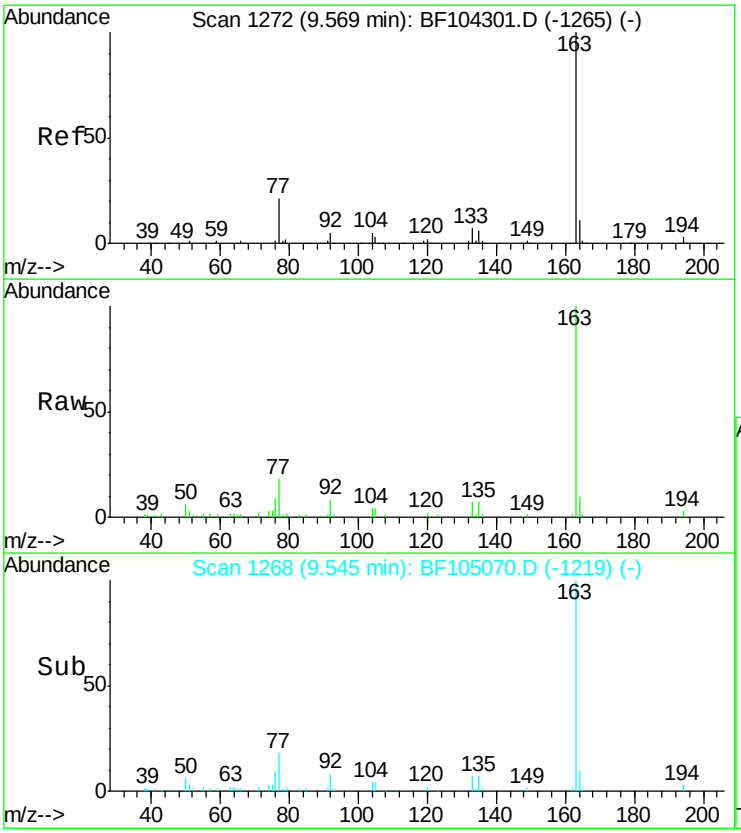
#44
2-Fluorobiphenyl
Concen: 68.991 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 671998

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.9	19.6	29.4

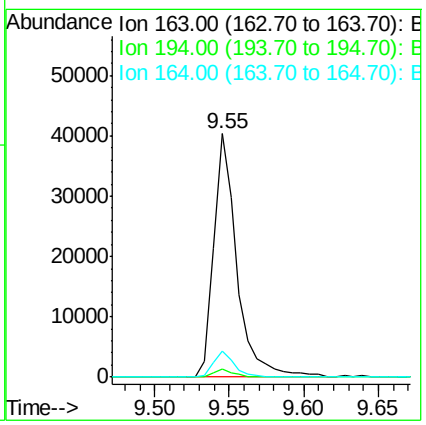


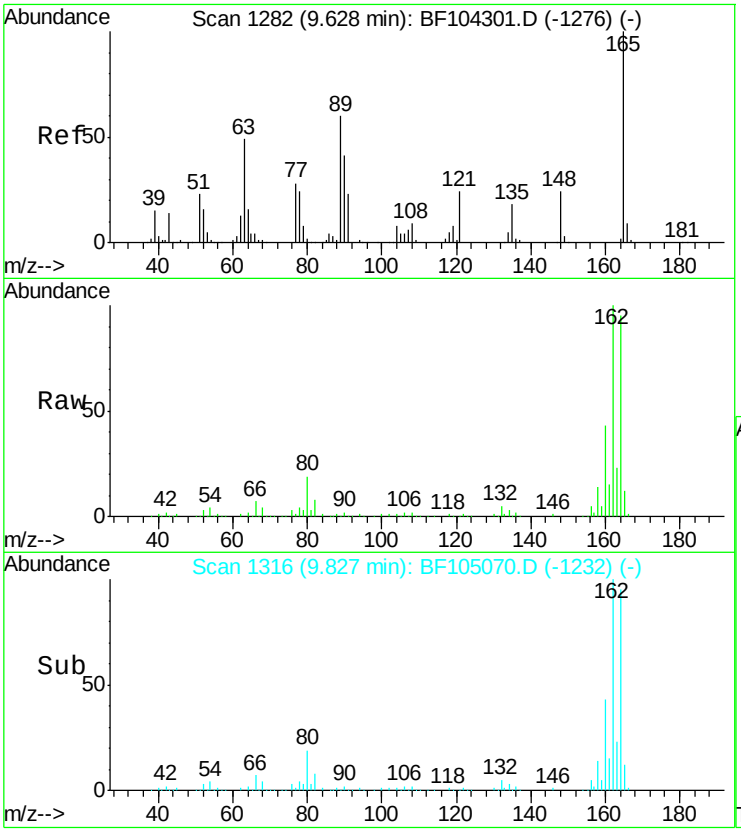


#49
Dimethylphthalate
Concen: 3.600 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Tgt Ion:163 Resp: 43687

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.4	8.2	12.2



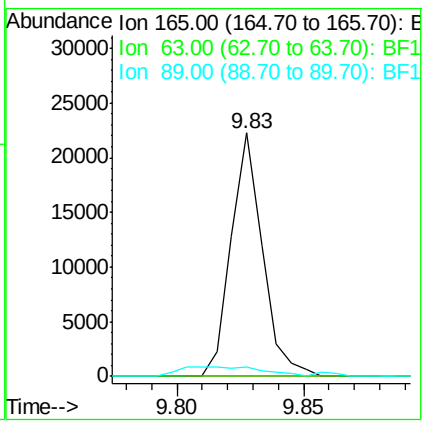


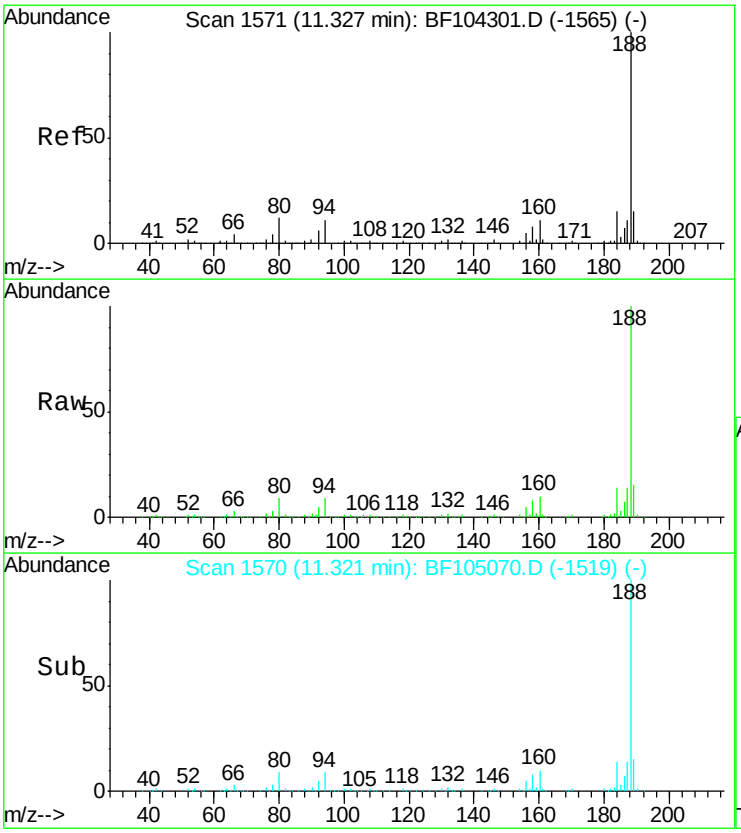
#50
2,6-Dinitrotoluene
Concen: 8.525 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19140

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	3.8	44.0	66.0#

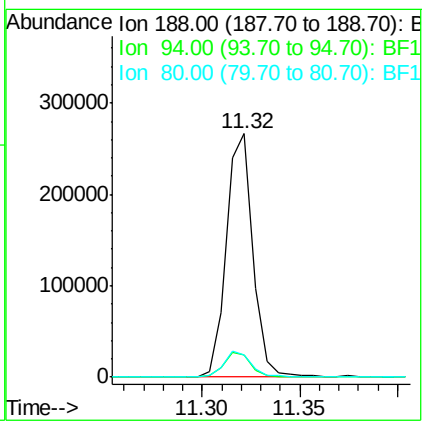


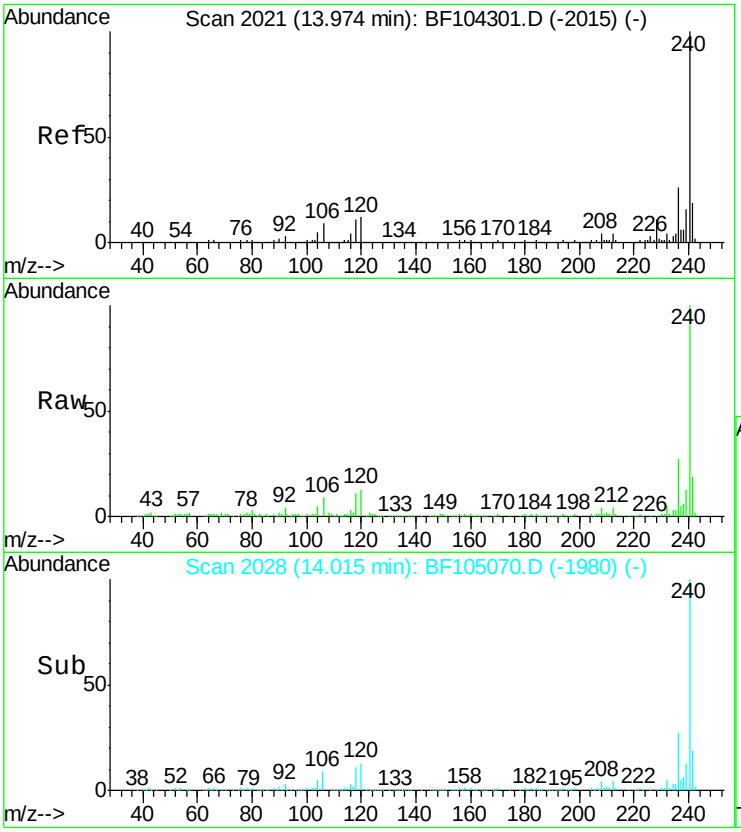


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Tgt Ion:188 Resp: 250234

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



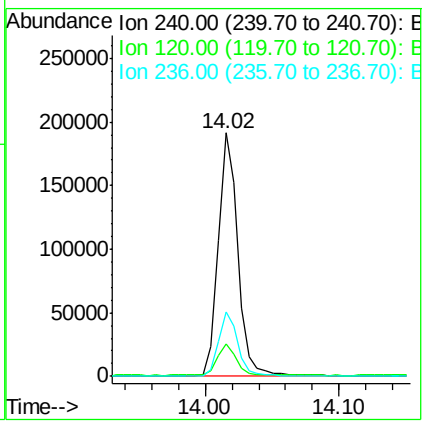


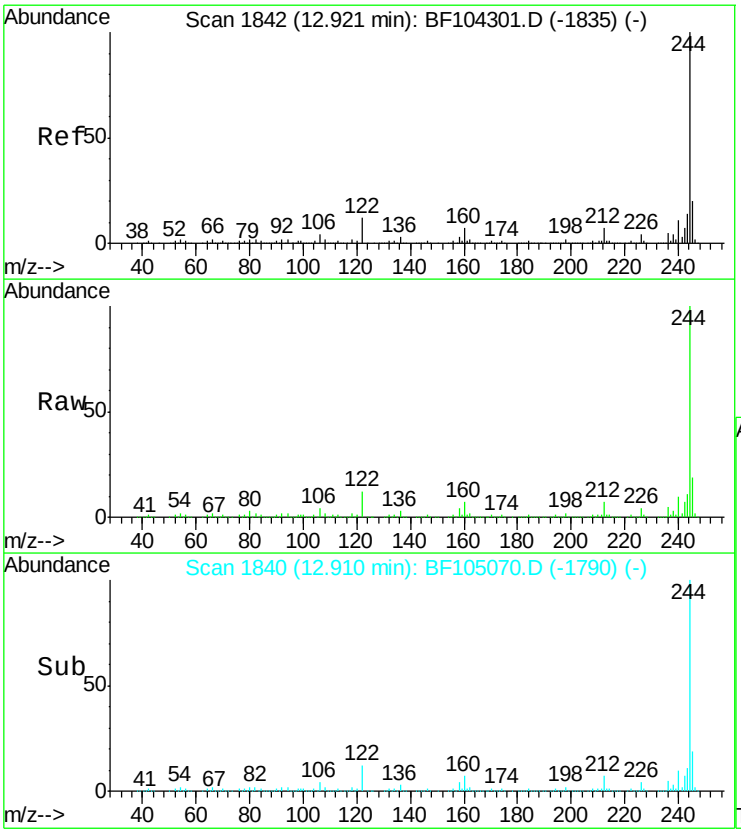
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 200293

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.6	20.7	31.1

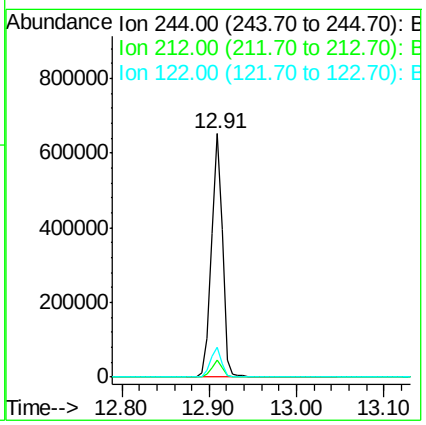


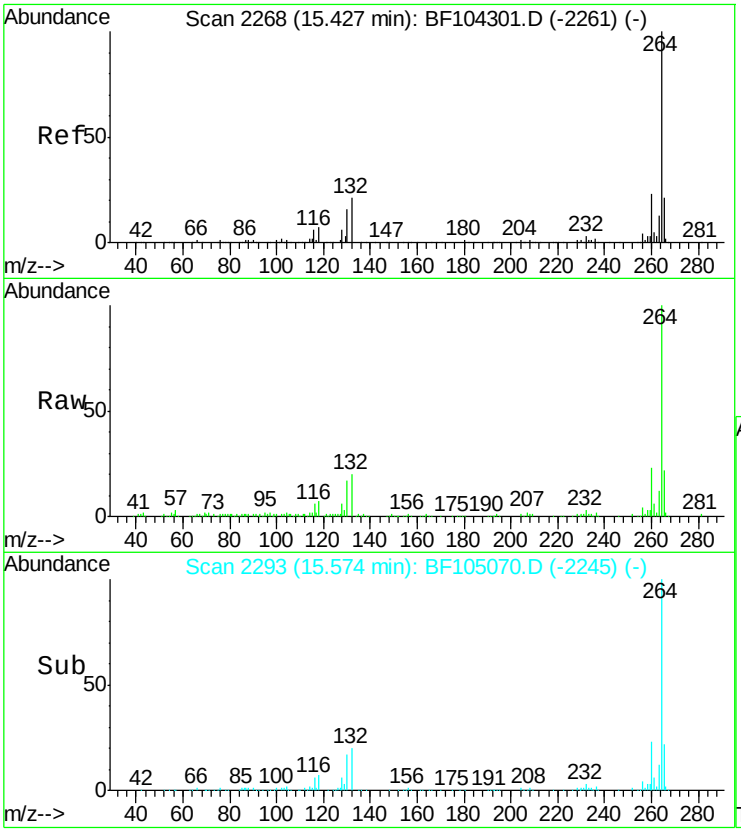


#78
Terphenyl-d14
Concen: 65.106 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF105070.D
Acq: 3 May 2018 9:39

Tgt Ion:244 Resp: 571987

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.3	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: BF105070.D
Acq: 3 May 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 153858

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.9	17.5	26.3