Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107103.D
Acq On : 4 Jul 2018 1:43
Operator : JU/SJ
Sample : J3812-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 04 02:08:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53458	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	188351	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	81029	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	168191	20.00	ng	0.00
75) Chrysene-d12	14.15	240	142115	20.00	ng	-0.02
86) Perylene-d12	15.69	264	101009	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	114732	36.34	ng	0.00
7) Phenol-d6	6.60	99	143991	36.52	ng	-0.01
23) Nitrobenzene-d5	7.52	82	82746	24.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	31735	33.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	176610	26.79	ng	-0.02
78) Terphenyl-d14	13.07	244	236067	40.24	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	10469	4.028	ng	# 72
25) Isophorone	7.52	82	82744	13.855	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	10120	7.864	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	10120	6.025	ng	# 21

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

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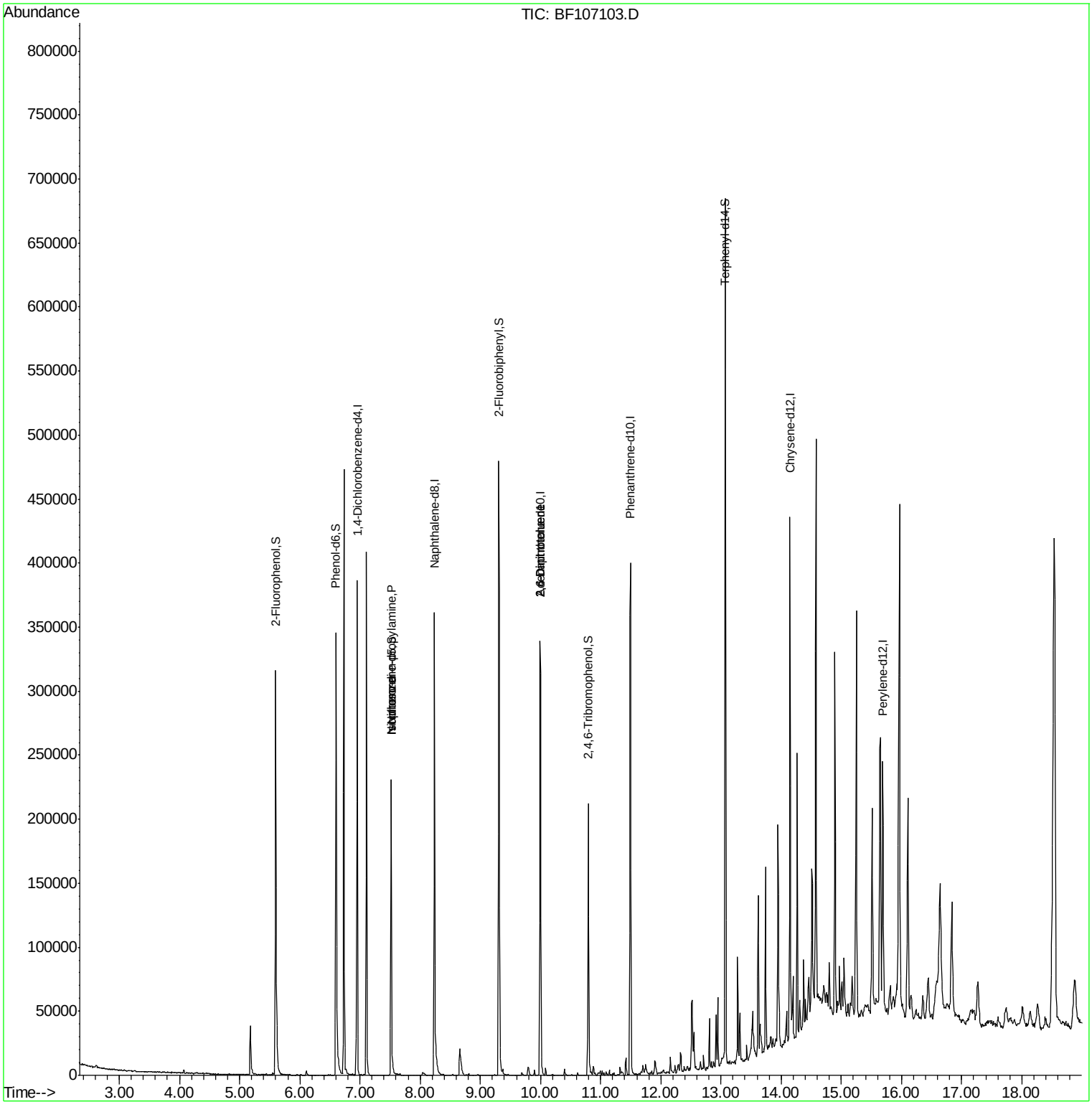
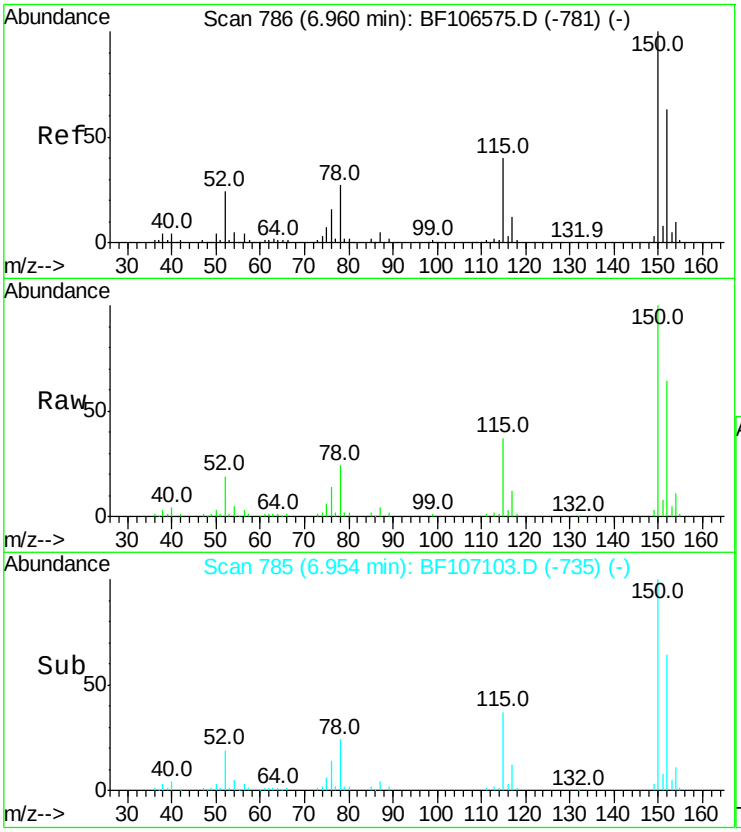


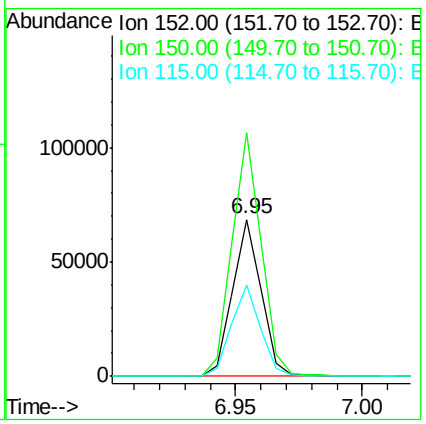


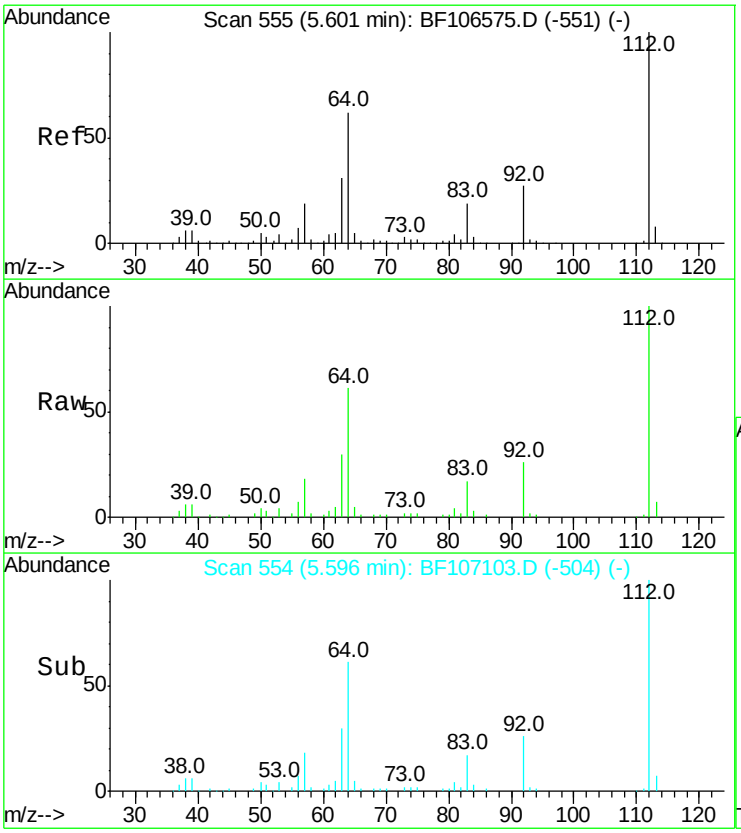
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 53458

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	57.9	50.1	75.1

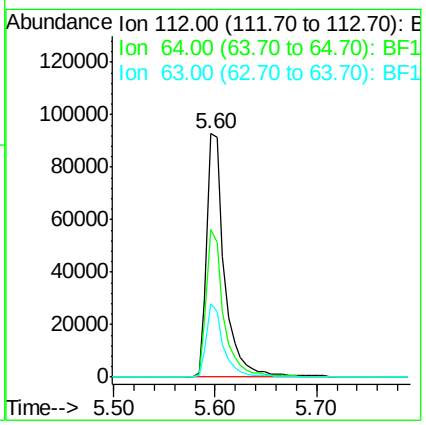


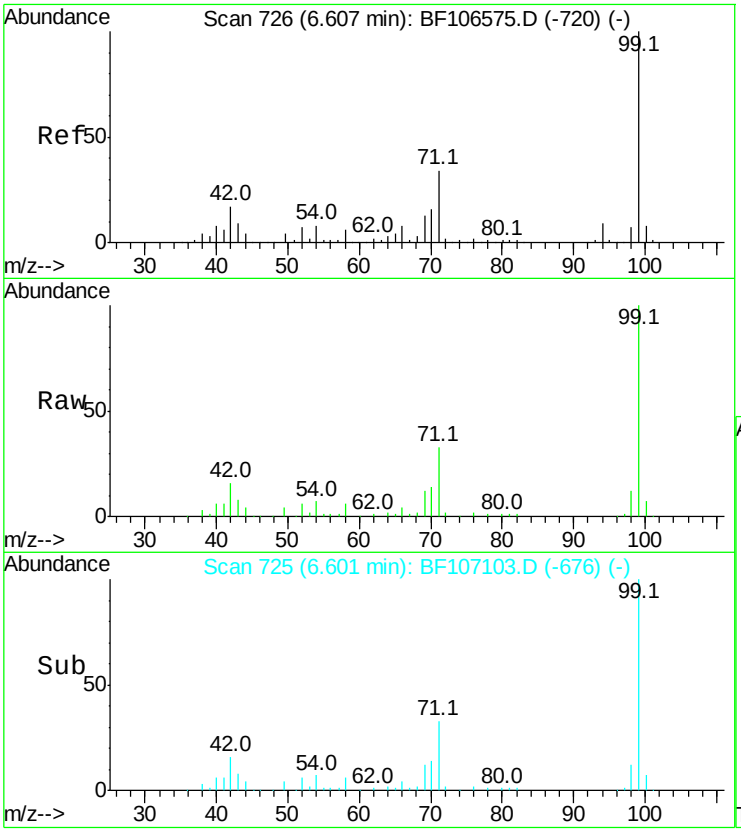


#5
2-Fluorophenol
Concen: 36.342 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Tgt Ion:112 Resp: 114732

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	30.0	23.7	35.5



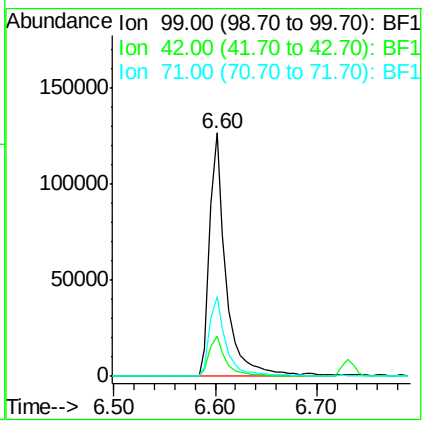


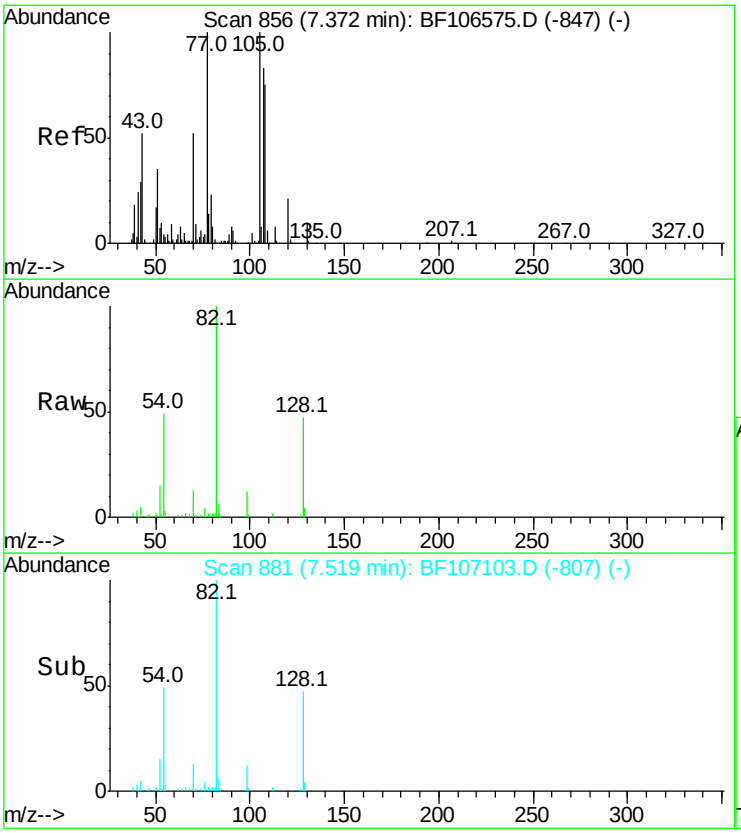
#7
Phenol-d6
Concen: 36.523 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 143991

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	32.8	25.4	38.0

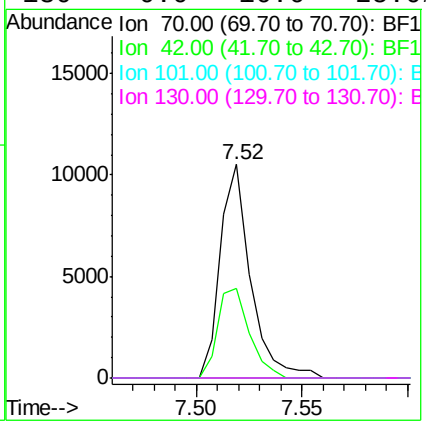


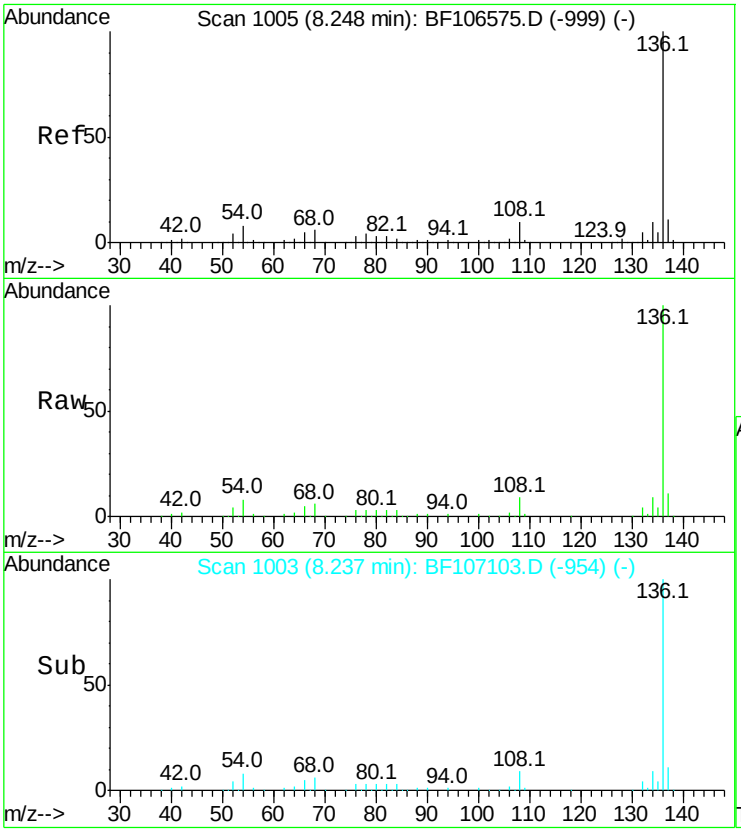


#19
n-Nitroso-di-n-propylamine
Concen: 4.028 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Tgt Ion: 70 Resp: 10469

Ion	Ratio	Lower	Upper
70	100		
42	42.0	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



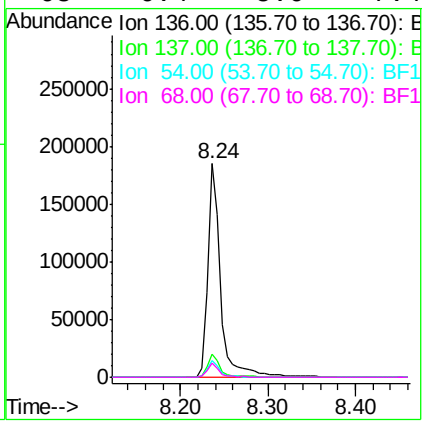


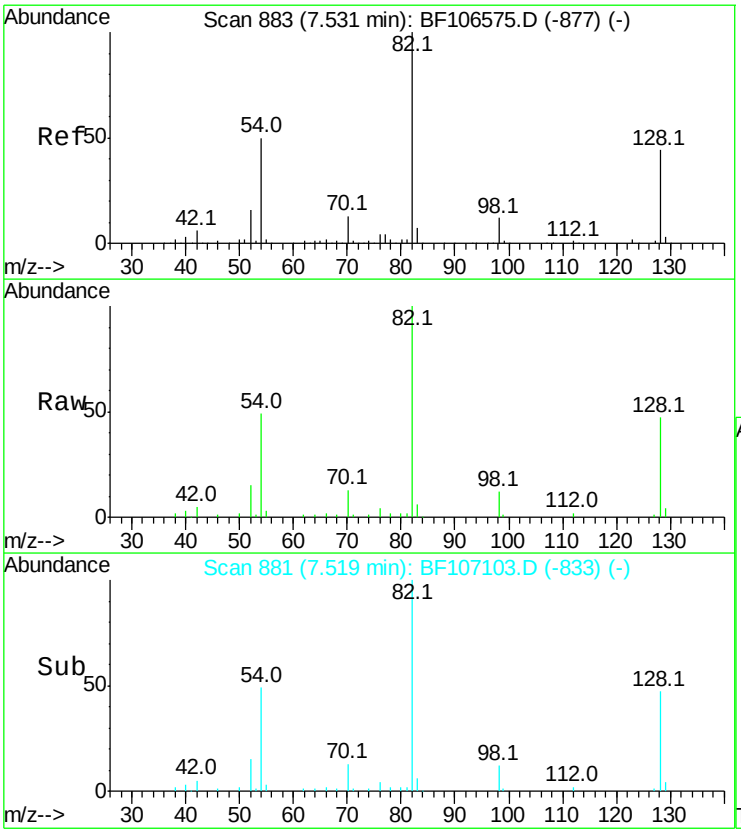
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 188351

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.7	6.6	9.8
68	6.4	5.0	7.4

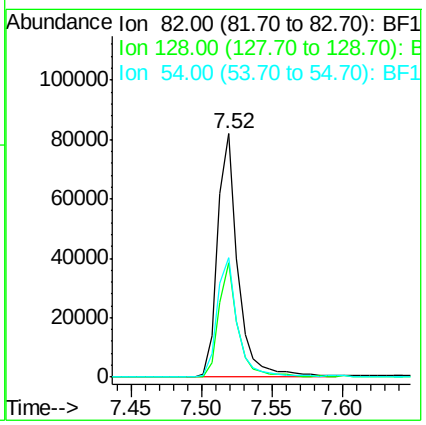


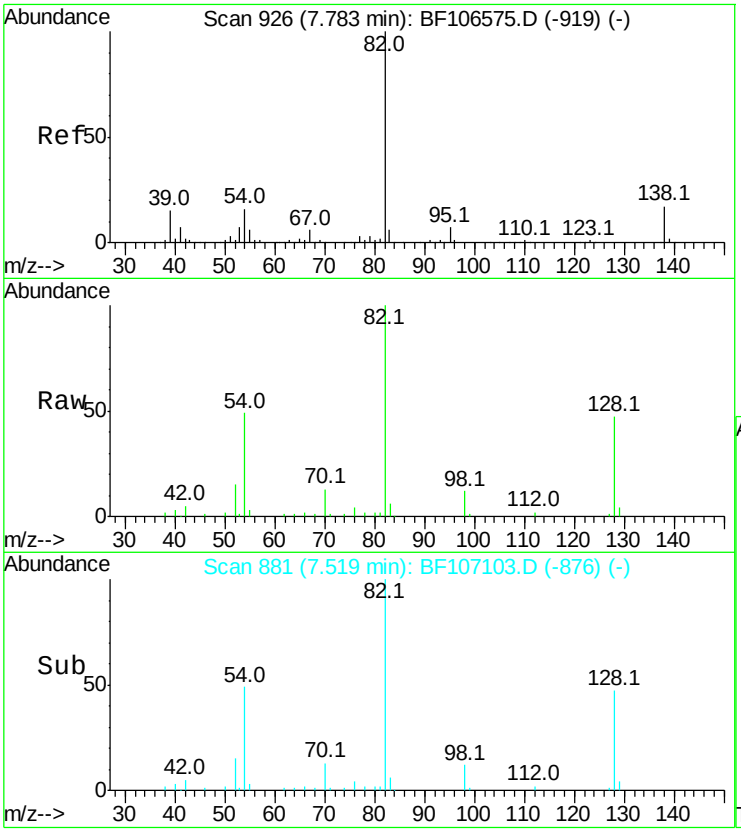


#23
Nitrobenzene-d5
Concen: 24.414 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Tgt Ion: 82 Resp: 82746

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	49.0	41.4	62.2



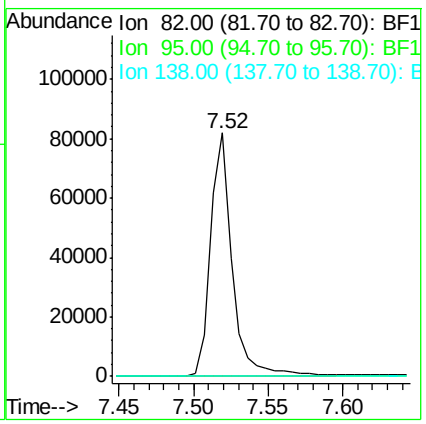


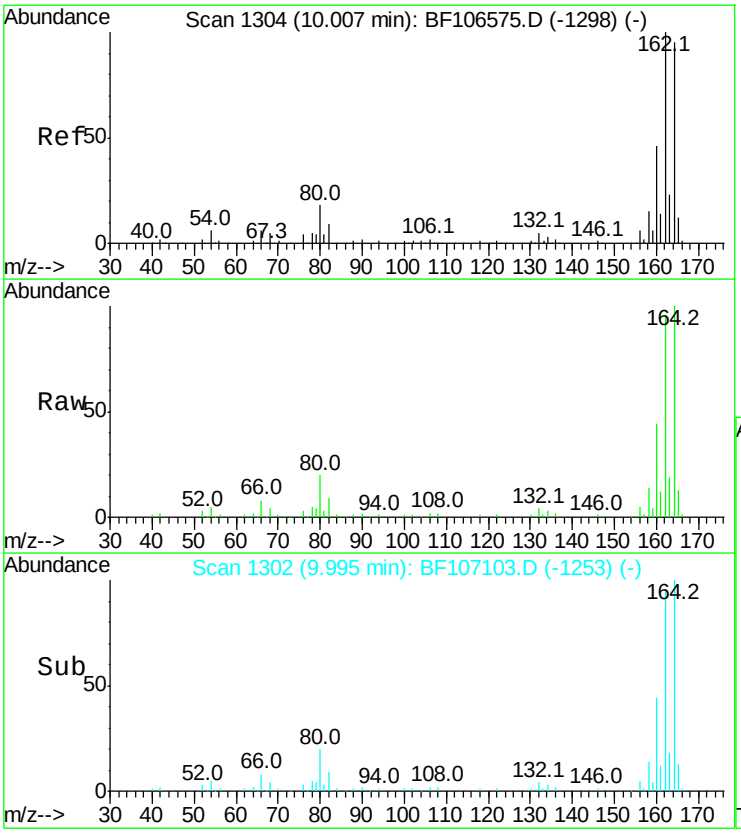
#25
Isophorone
Concen: 13.855 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 82744

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

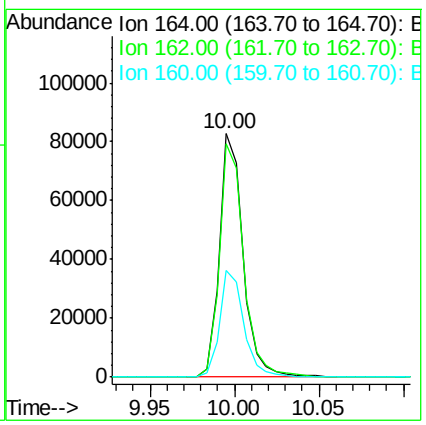


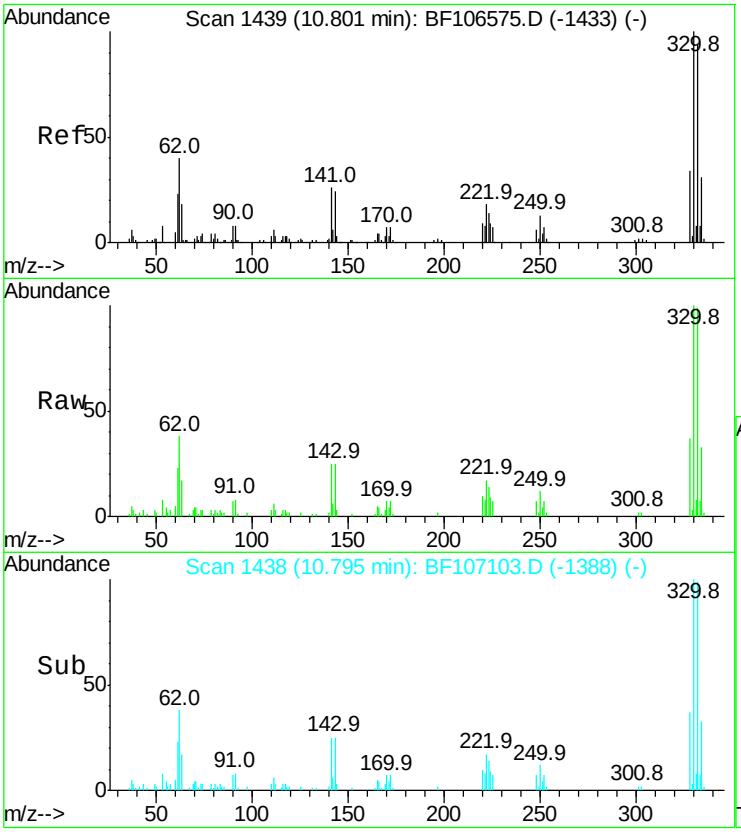


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Tgt Ion:164 Resp: 81029

Ion	Ratio	Lower	Upper
164	100		
162	95.7	86.1	129.1
160	43.7	38.3	57.5



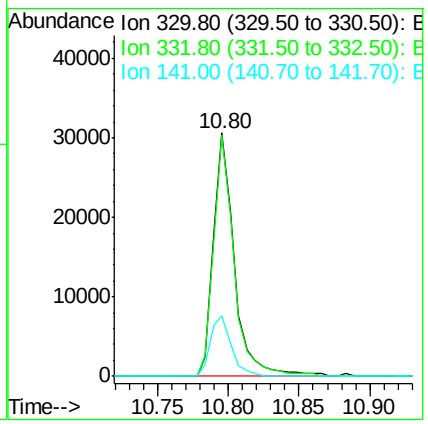


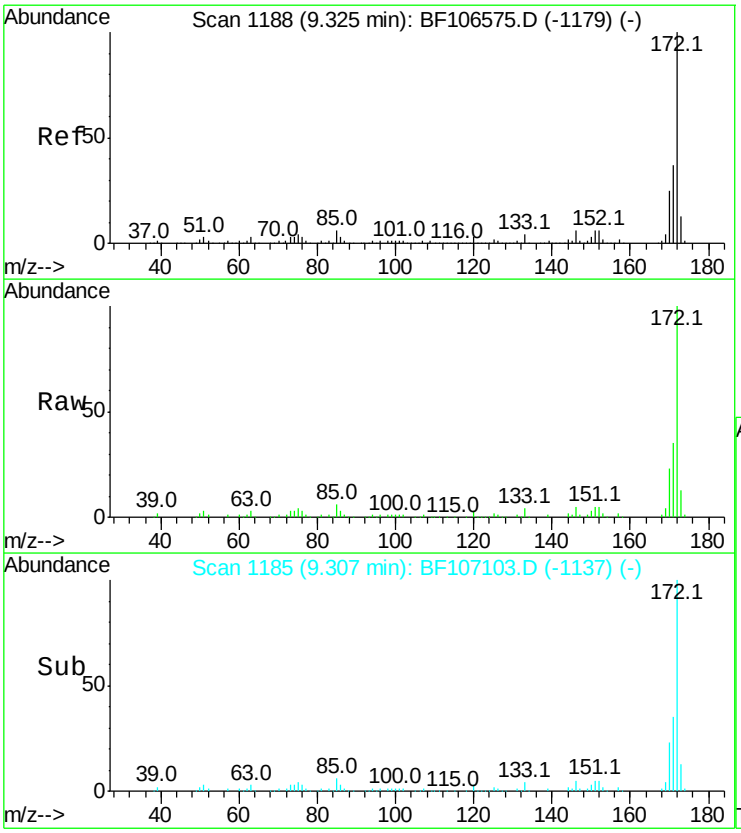
#41
2,4,6-Tribromophenol
Concen: 33.791 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 31735

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	24.7	29.9	44.9#

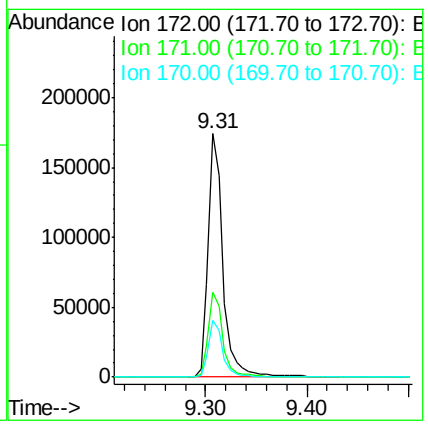


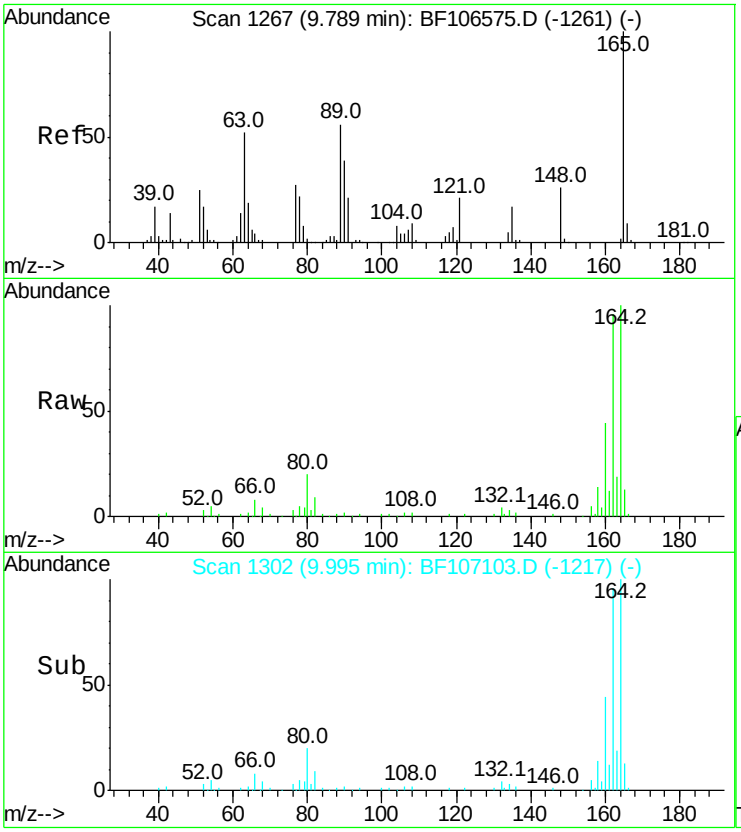


#44
2-Fluorobiphenyl
Concen: 26.790 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Tgt Ion:172 Resp: 176610

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.1	19.6	29.4



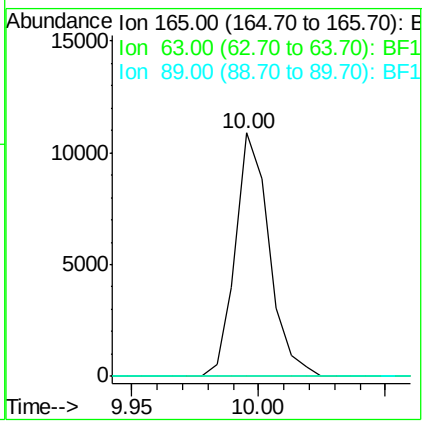


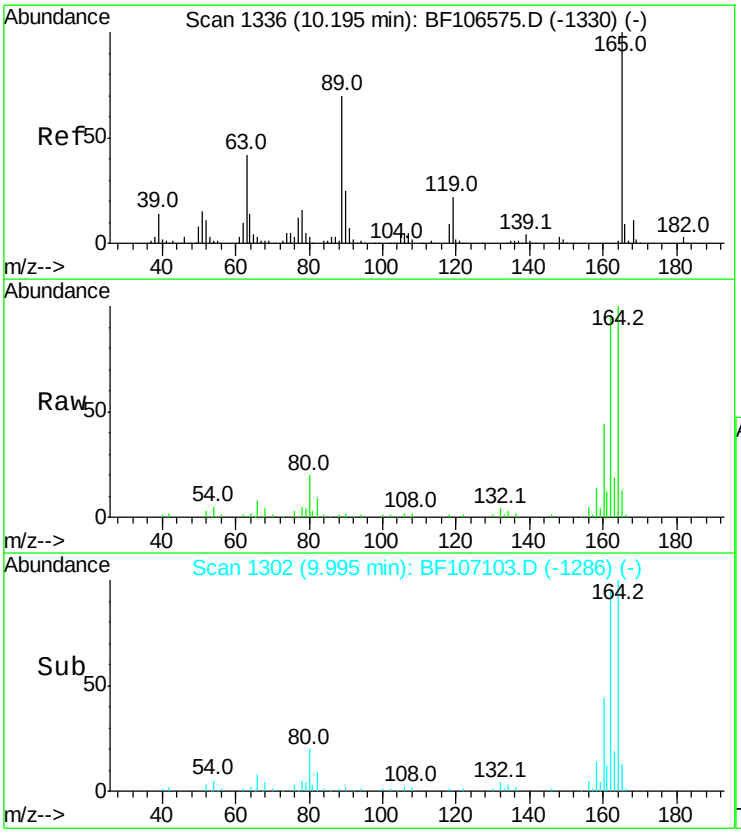
#50
2,6-Dinitrotoluene
Concen: 7.864 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10120

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

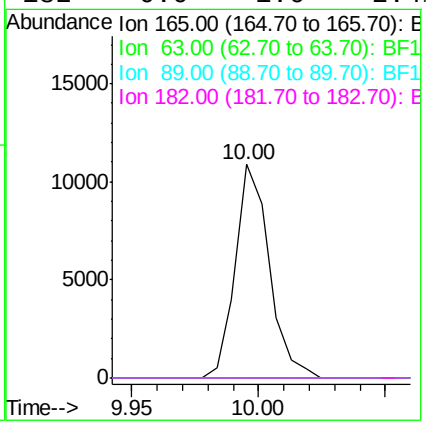


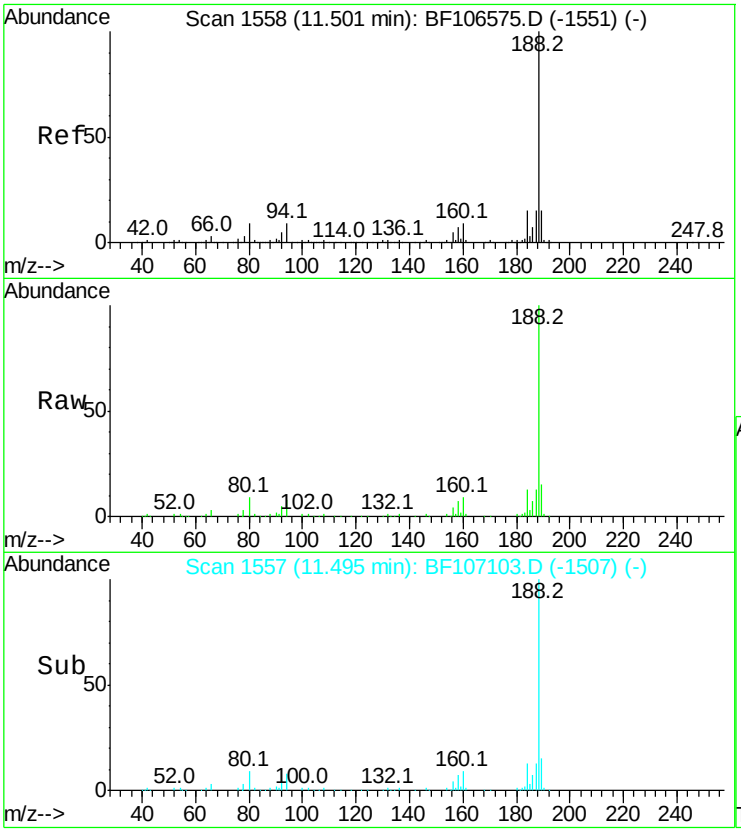


#56
2,4-Dinitrotoluene
Concen: 6.025 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Tgt Ion:165 Resp: 10120

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



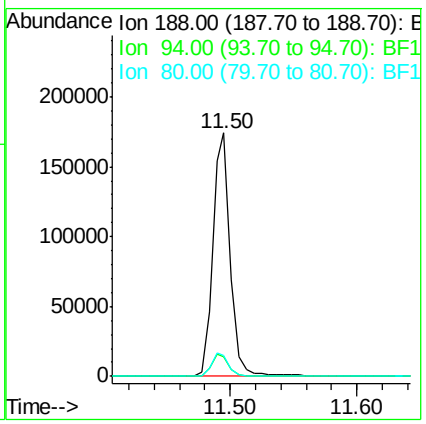


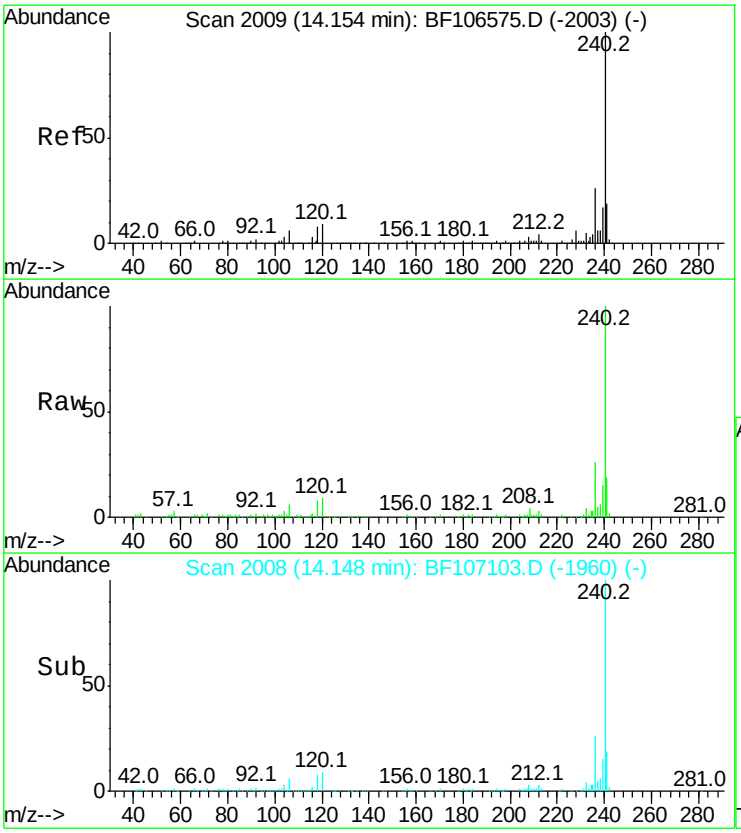
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 168191

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.6	9.2	13.8#

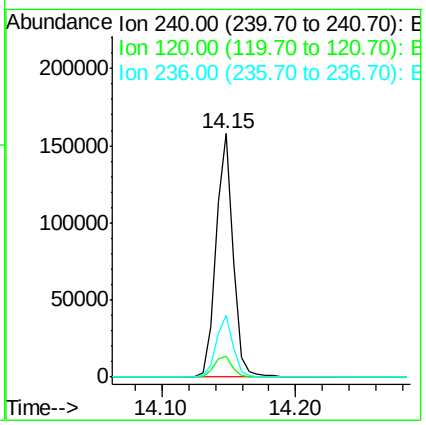


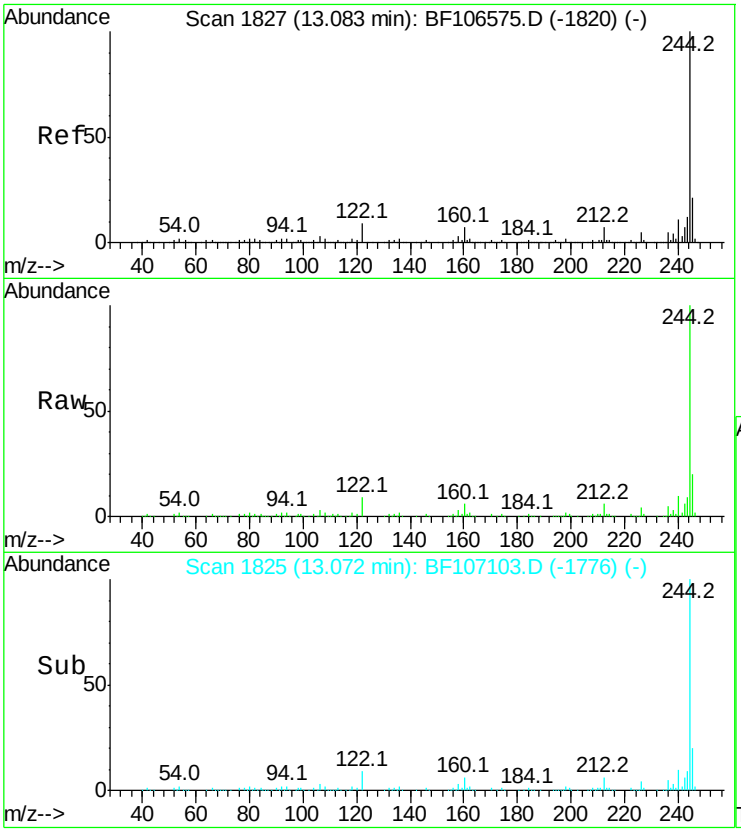


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Tgt Ion:240 Resp: 142115

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.6	20.7	31.1



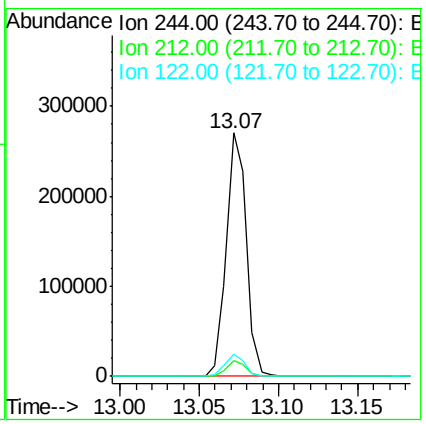


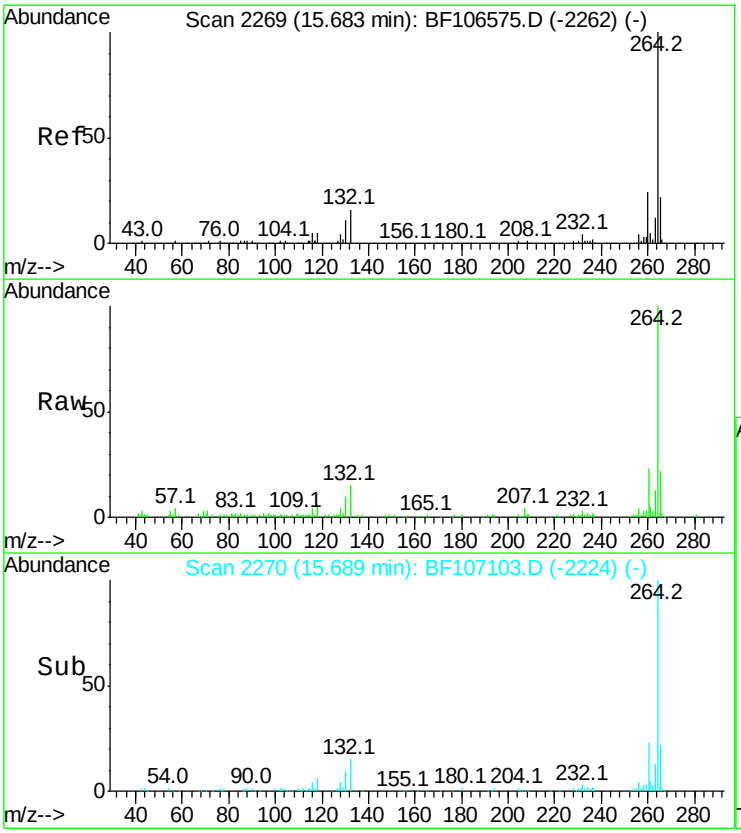
#78
Terphenyl-d14
Concen: 40.237 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 236067

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Tgt Ion:264 Resp: 101009

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.5	26.3