Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107113.D
Acq On : 4 Jul 2018 6:12
Operator : JU/SJ
Sample : J3804-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 04 06:39:53 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	52435	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	183409	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	79976	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	162421	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	134634	20.00	ng		-0.02
86) Perylene-d12	15.68	264	99198	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	185724	59.98	ng		0.00
7) Phenol-d6	6.60	99	132009	34.14	ng		-0.01
23) Nitrobenzene-d5	7.52	82	302802	91.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	138660	149.59	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	522187	115.87	ng		-0.01
78) Terphenyl-d14	13.08	244	658179	118.42	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	6972	2.148	ng		89
19) n-Nitroso-di-n-propylamine	7.52	70	39804	15.615	ng	#	70
25) Isophorone	7.52	82	302797	52.066	ng	#	64
49) Dimethylphthalate	9.70	163	30499	5.085	ng		98
50) 2,6-Dinitrotoluene	10.00	165	10152	7.993	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	10152	6.123	ng	#	21
66) 4-Bromophenyl-phenylether	10.80	248	8520	4.395	ng	#	1

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

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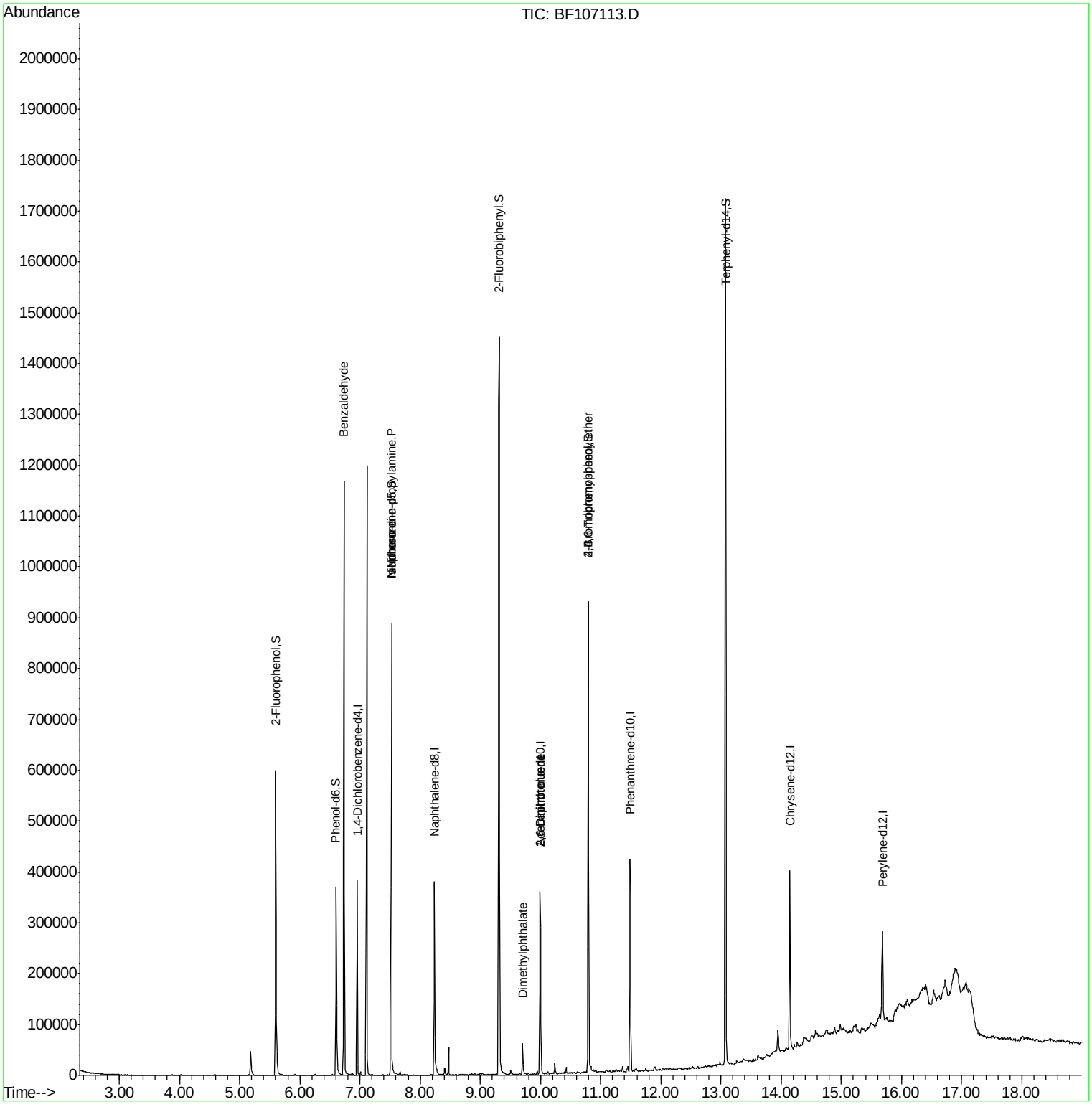
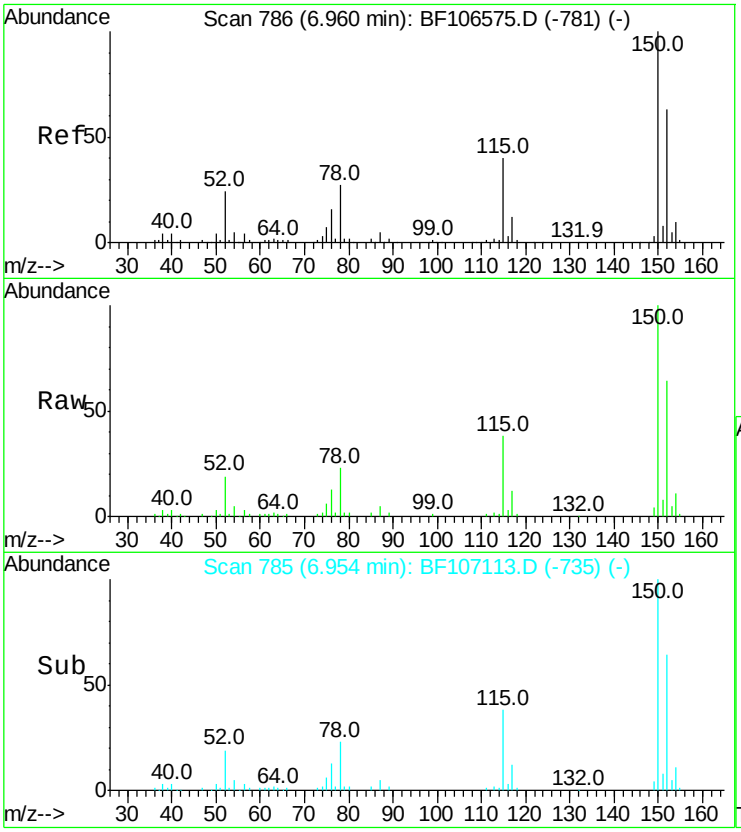


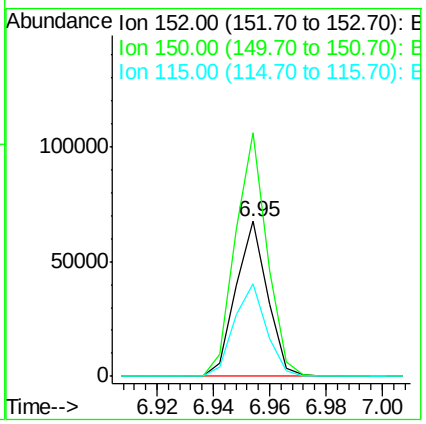


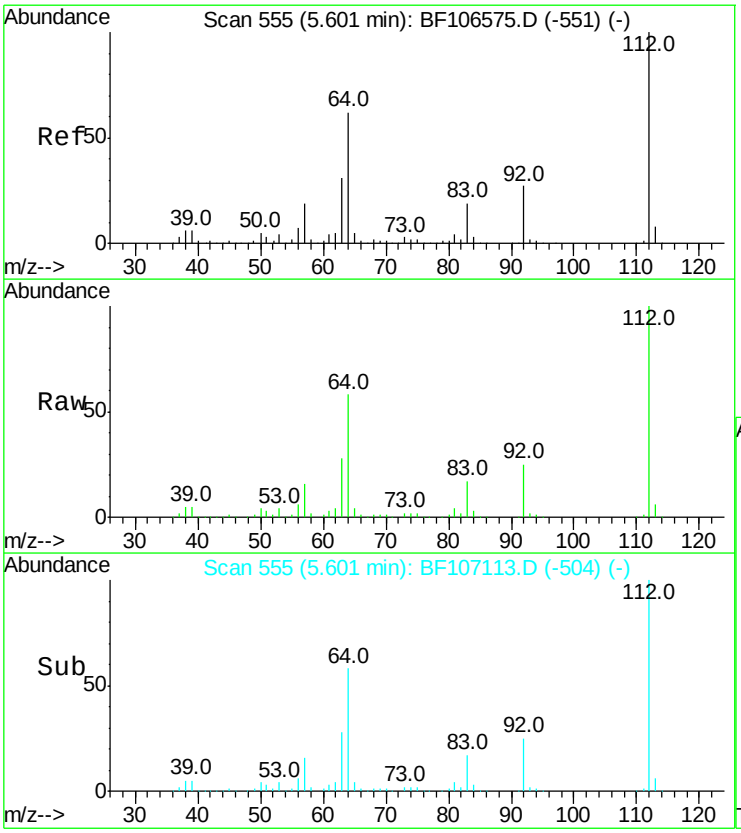
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 52435

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	60.0	50.1	75.1

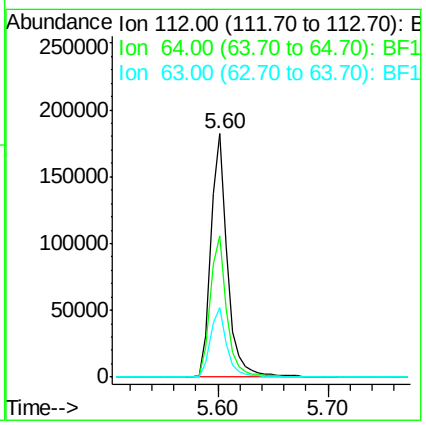


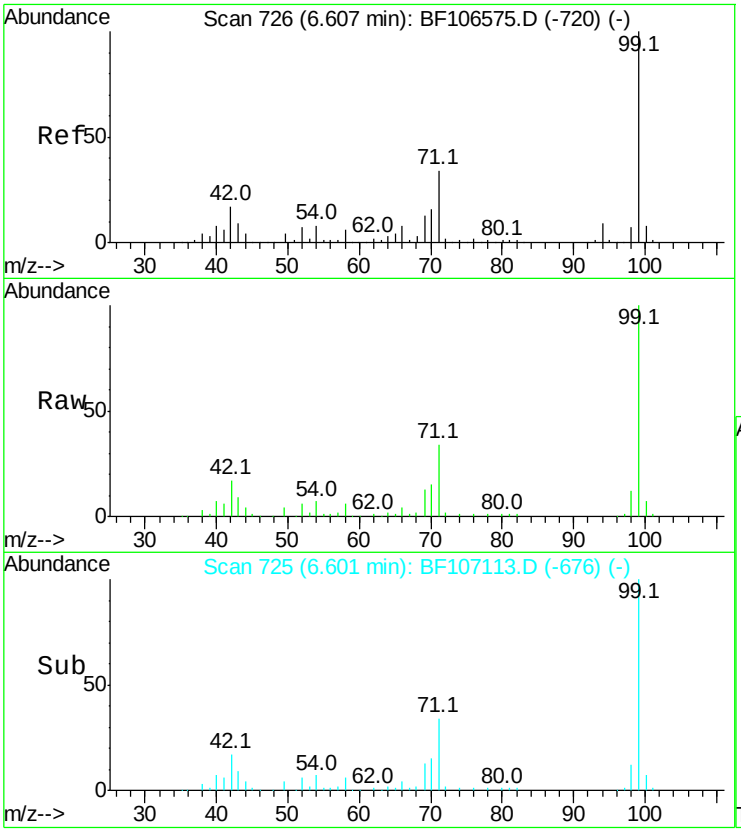


#5
2-Fluorophenol
Concen: 59.977 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Tgt Ion:112 Resp: 185724

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	28.3	23.7	35.5

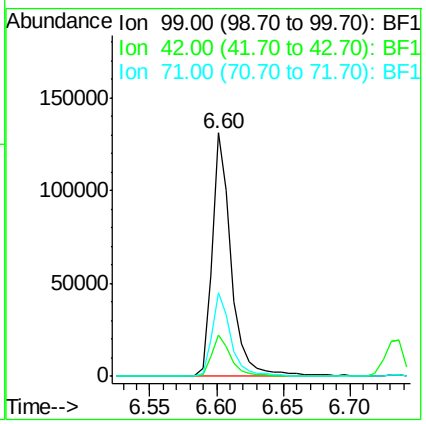




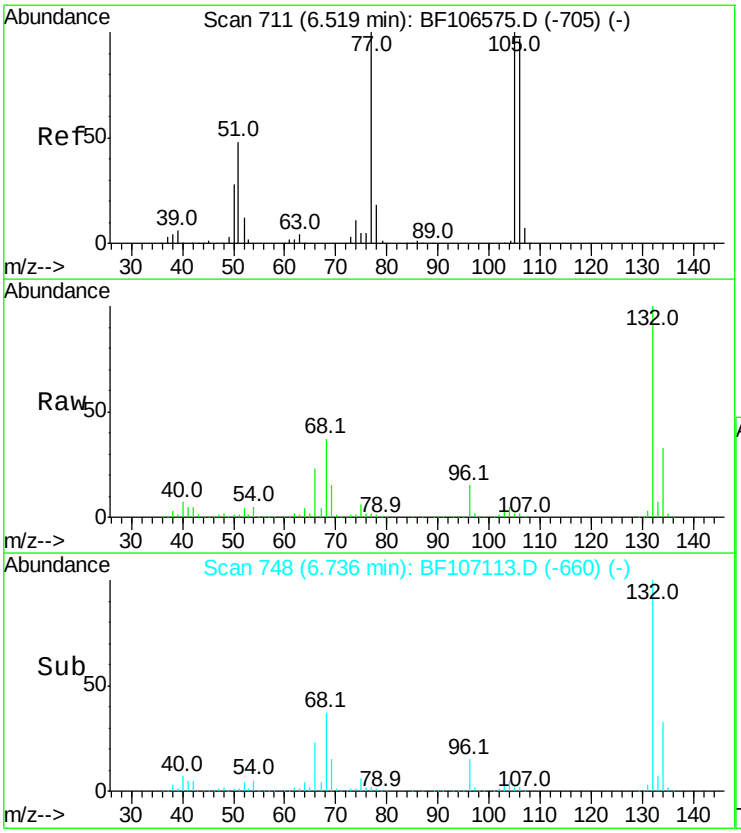
#7
Phenol-d6
Concen: 34.137 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Tgt Ion: 99 Resp: 132009

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.5	21.7
71	34.2	25.4	38.0



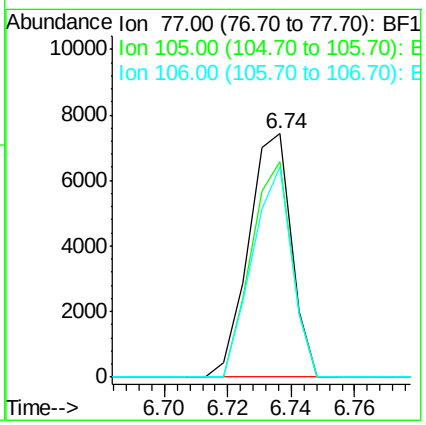
Instrument :
BNA_F
ClientSampleId :

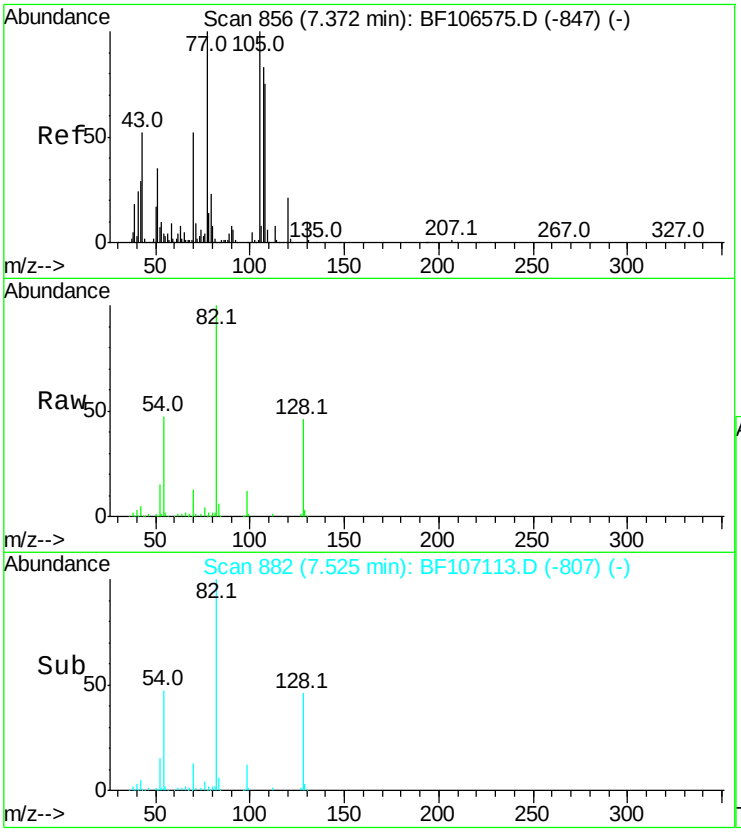


#9
Benzaldehyde
Concen: 2.148 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Tgt Ion: 77 Resp: 6972

Ion	Ratio	Lower	Upper
77	100		
105	88.6	81.1	121.1
106	86.2	74.5	114.5



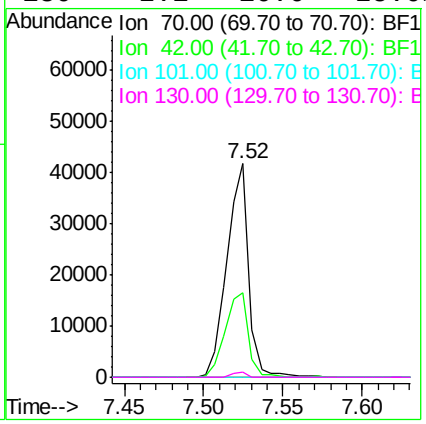


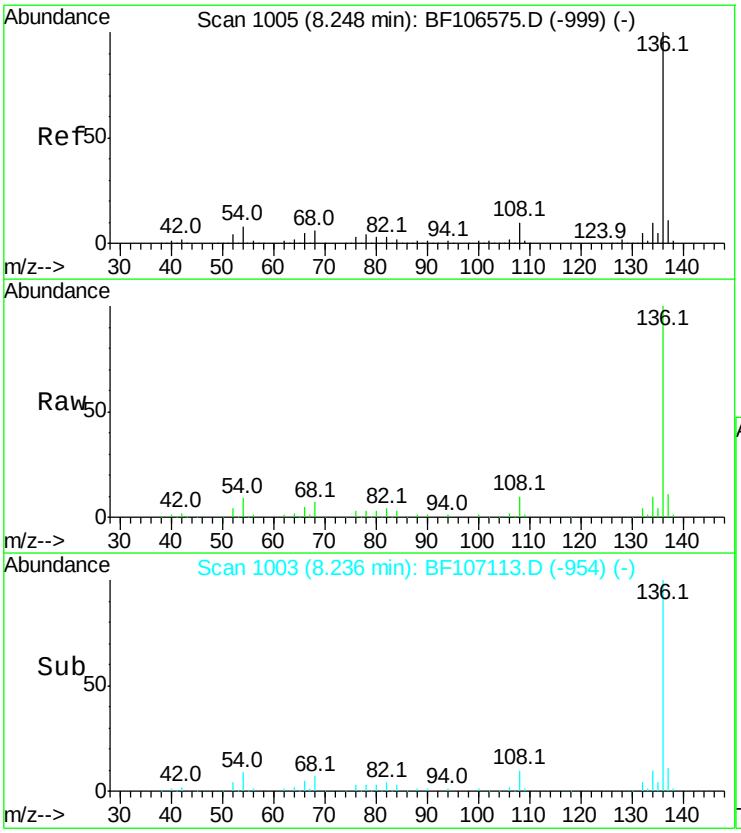
#19
n-Nitroso-di-n-propylamine
Concen: 15.615 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 39804

Ion	Ratio	Lower	Upper
70	100		
42	39.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

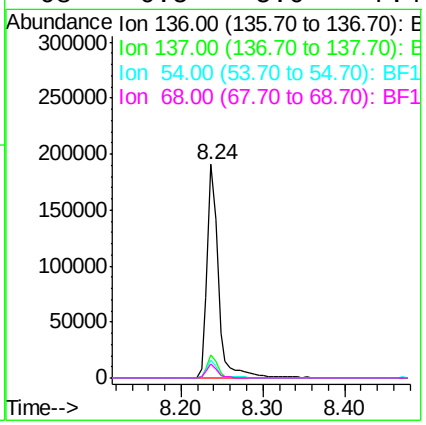


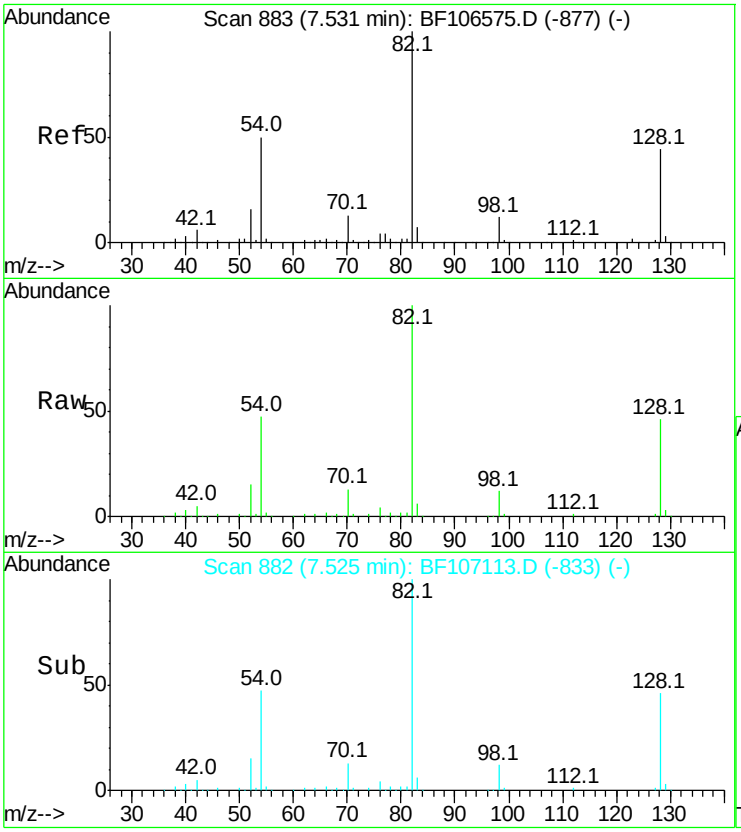


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Tgt Ion:136 Resp: 183409

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.6	6.6	9.8
68	6.5	5.0	7.4



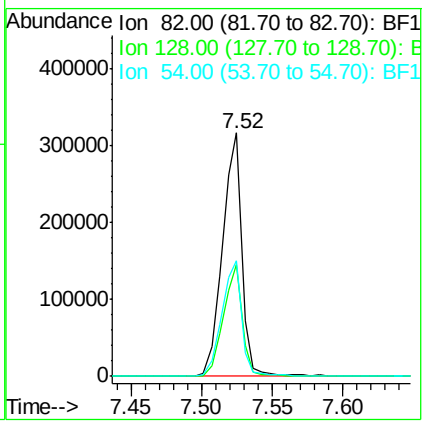


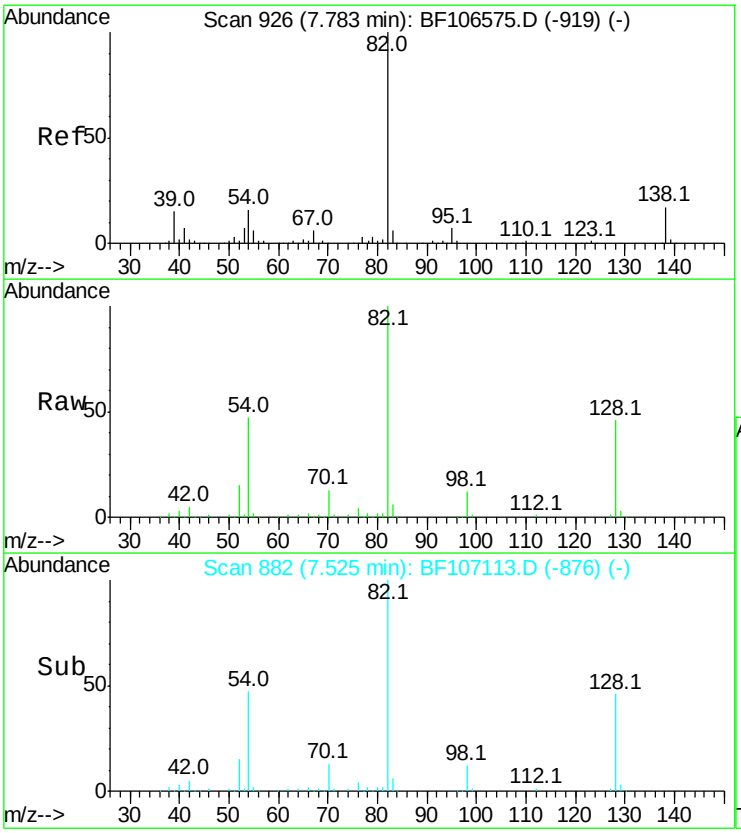
#23
Nitrobenzene-d5
Concen: 91.750 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 302802

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	47.5	41.4	62.2

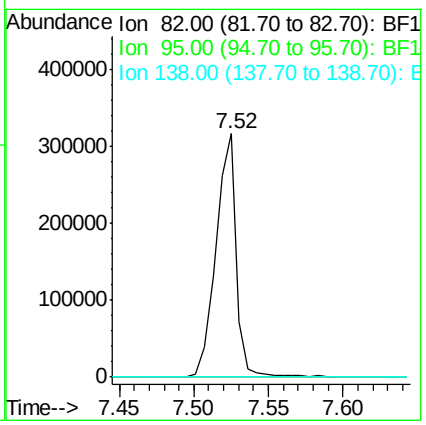


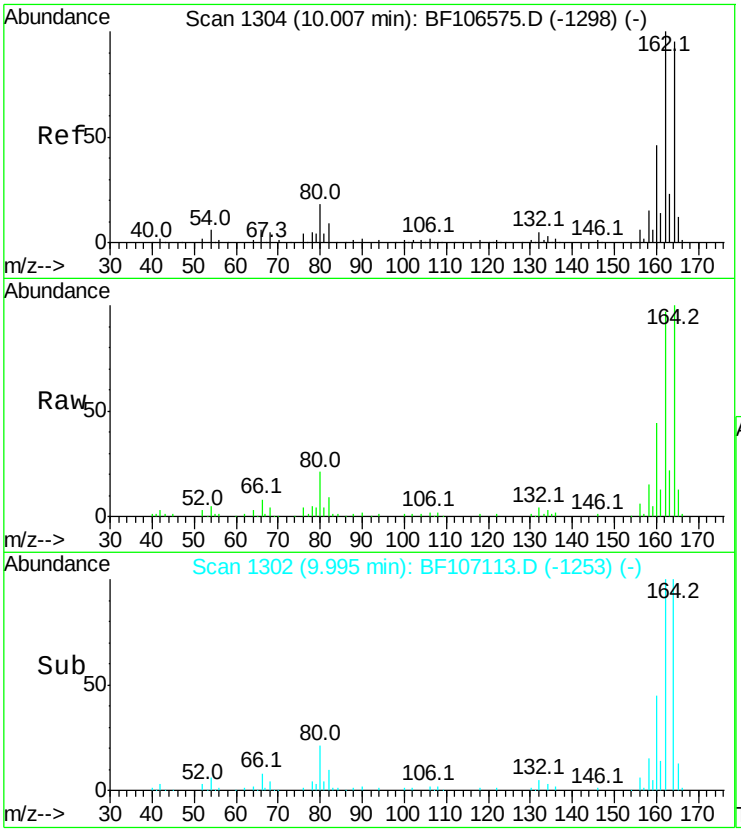


#25
Isophorone
Concen: 52.066 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Tgt Ion: 82 Resp: 302797

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



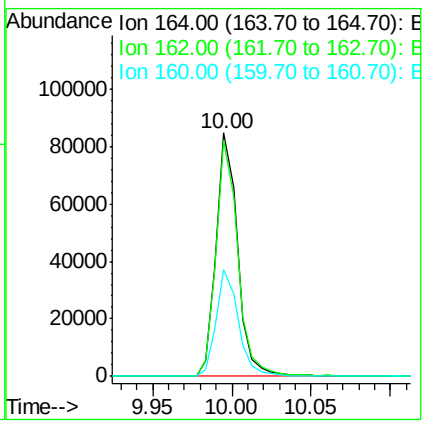


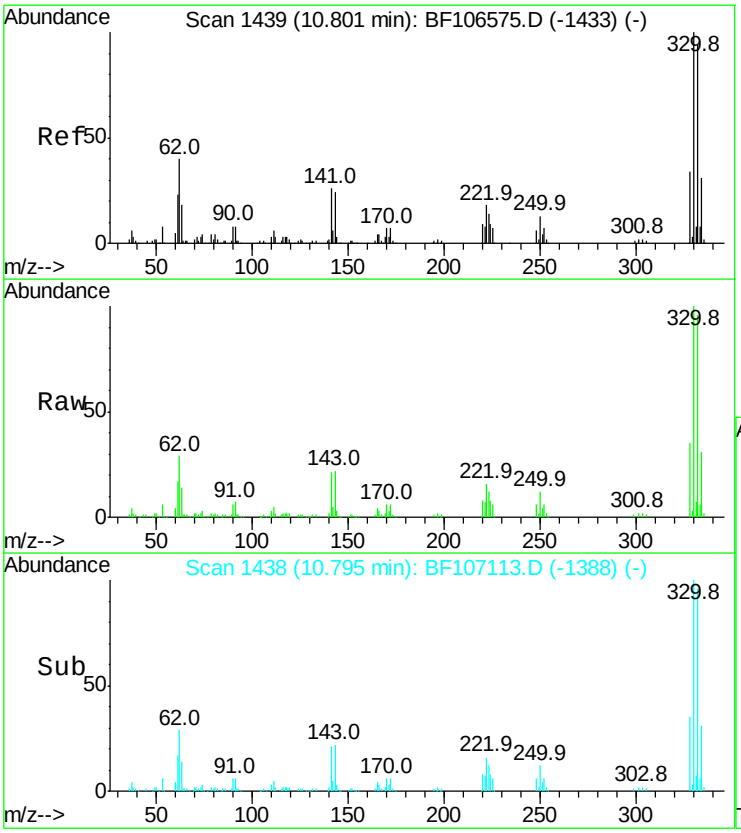
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 79976

Ion	Ratio	Lower	Upper
164	100		
162	97.0	86.1	129.1
160	43.9	38.3	57.5

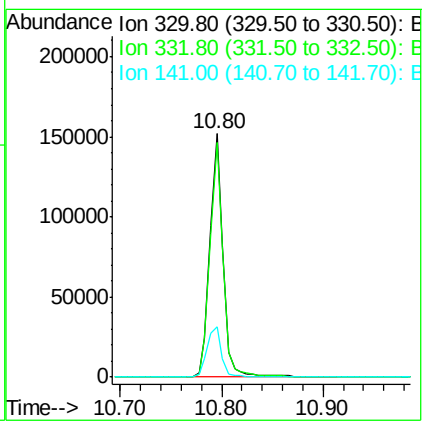


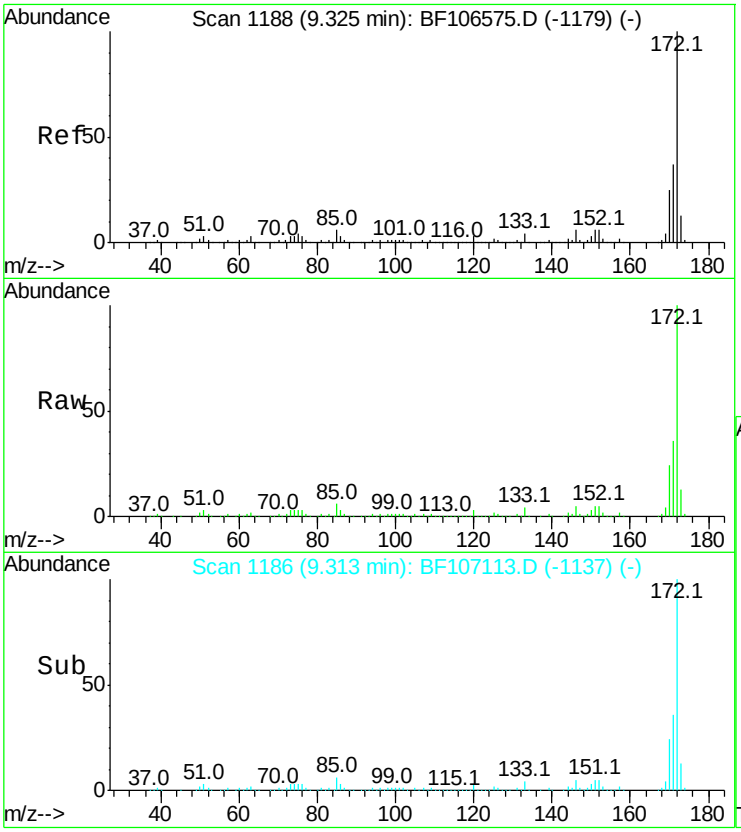


#41
2,4,6-Tribromophenol
Concen: 149.588 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Tgt Ion:330 Resp: 138660

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	22.9	29.9	44.9#



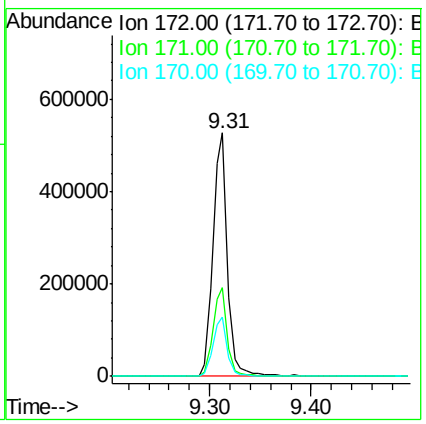


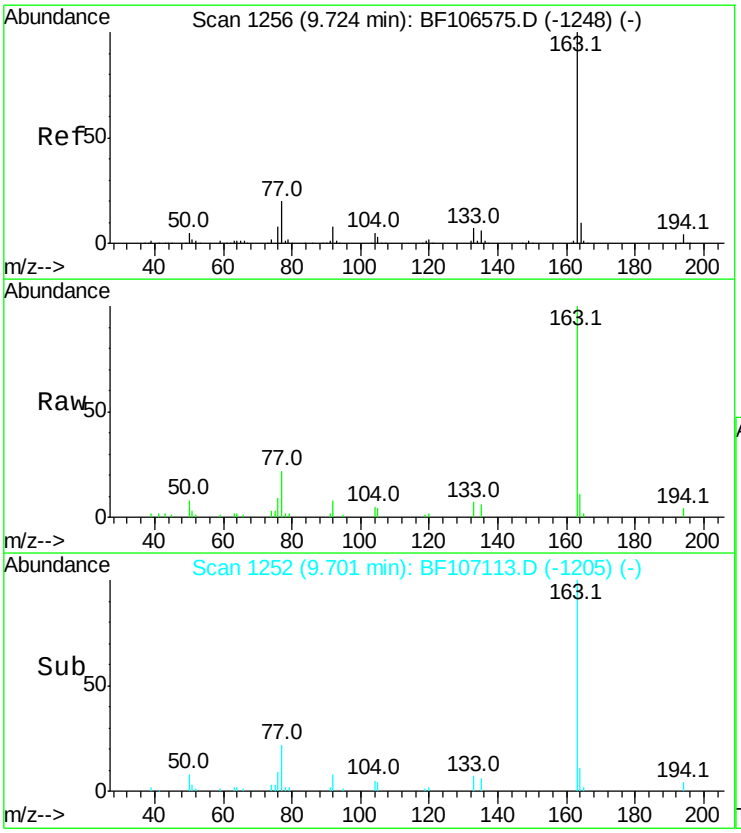
#44
2-Fluorobiphenyl
Concen: 115.875 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 522187

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4

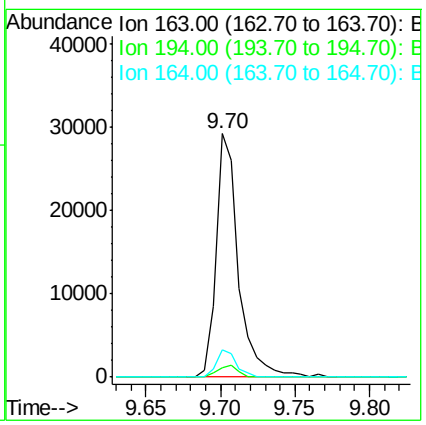


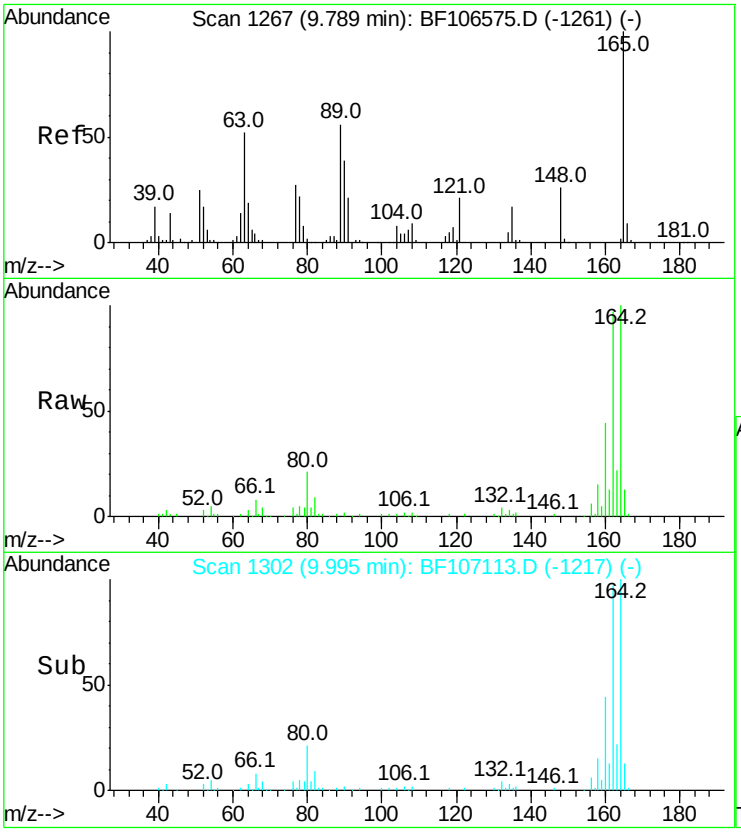


#49
Dimethylphthalate
Concen: 5.085 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Tgt Ion:163 Resp: 30499

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.3	8.2	12.2



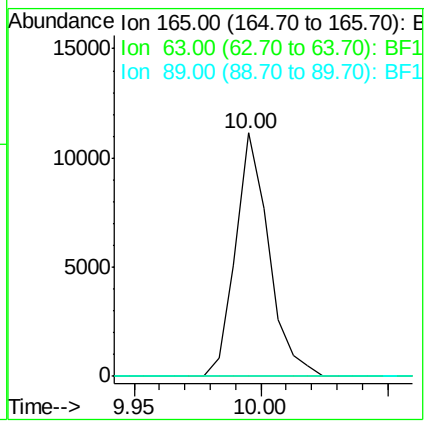


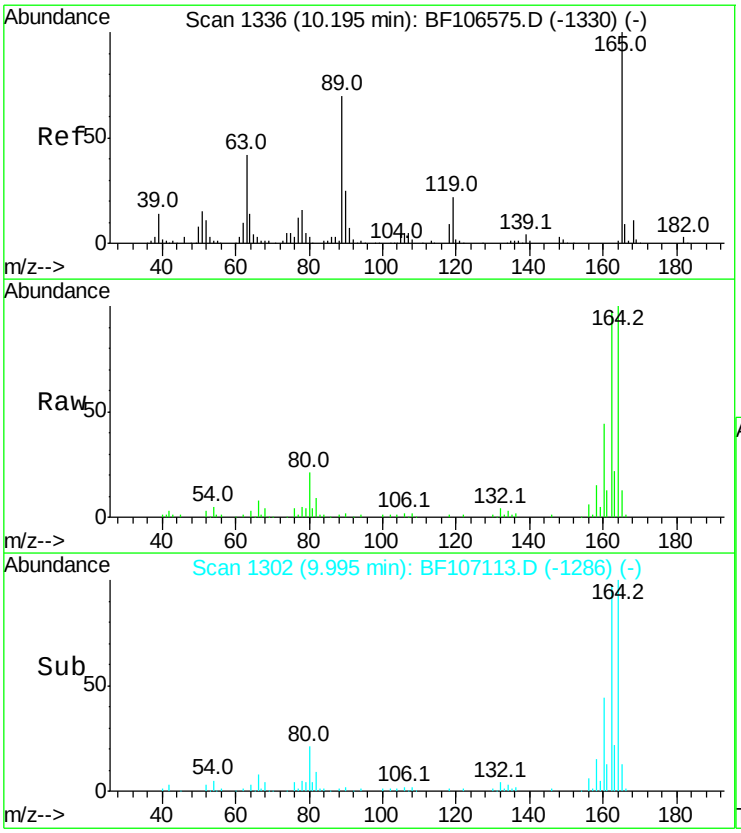
#50
2,6-Dinitrotoluene
Concen: 7.993 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10152

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

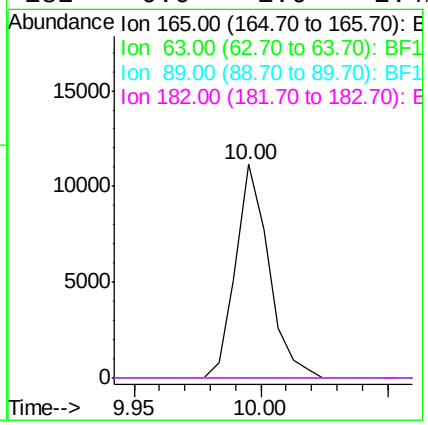


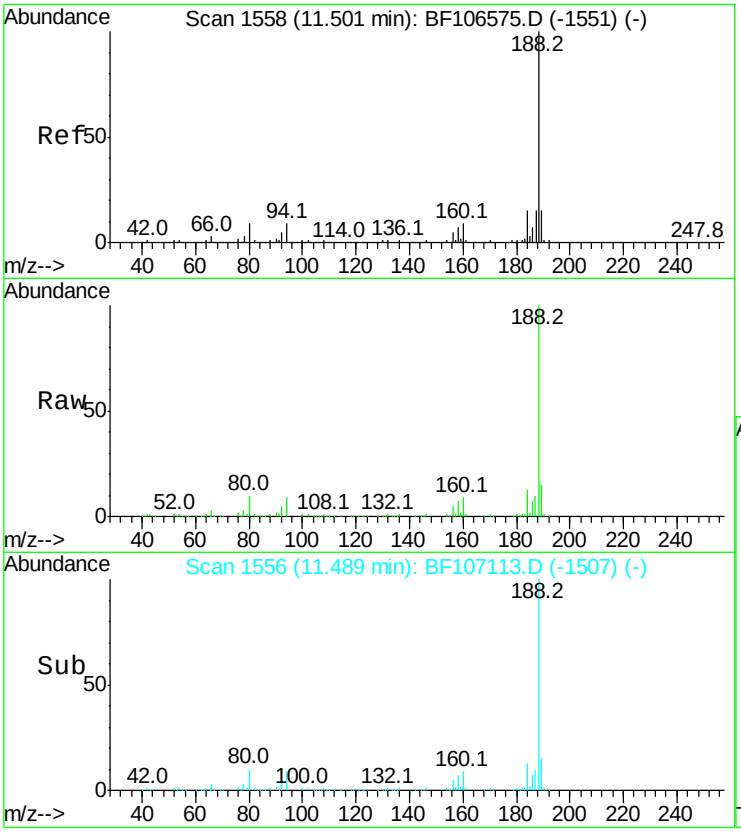


#56
2,4-Dinitrotoluene
Concen: 6.123 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Tgt Ion:165 Resp: 10152

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#



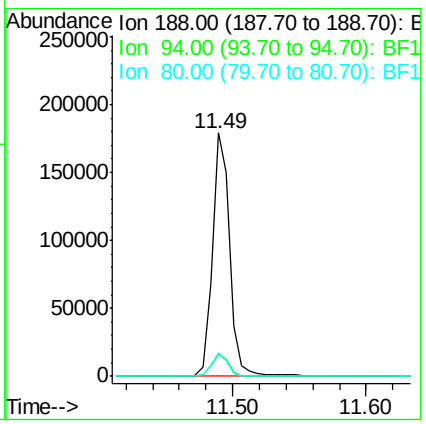


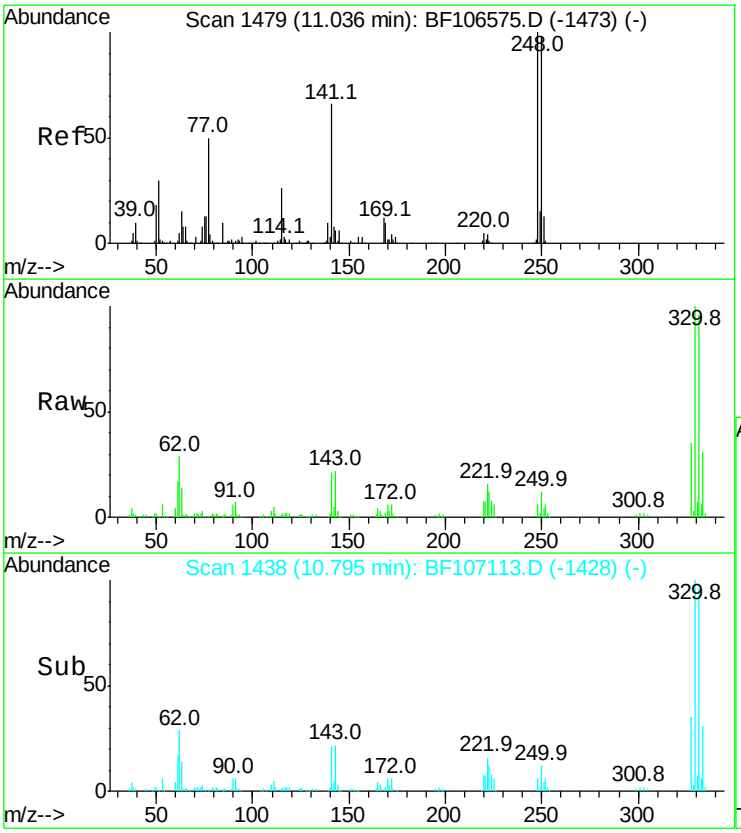
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 162421

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.8	9.2	13.8

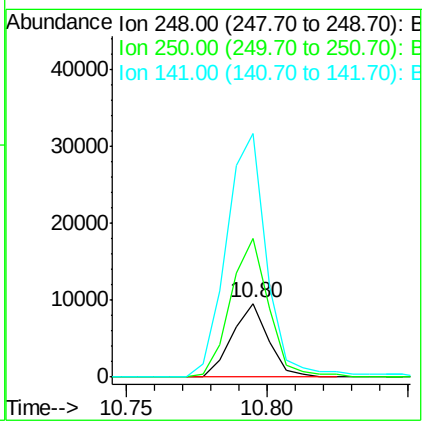


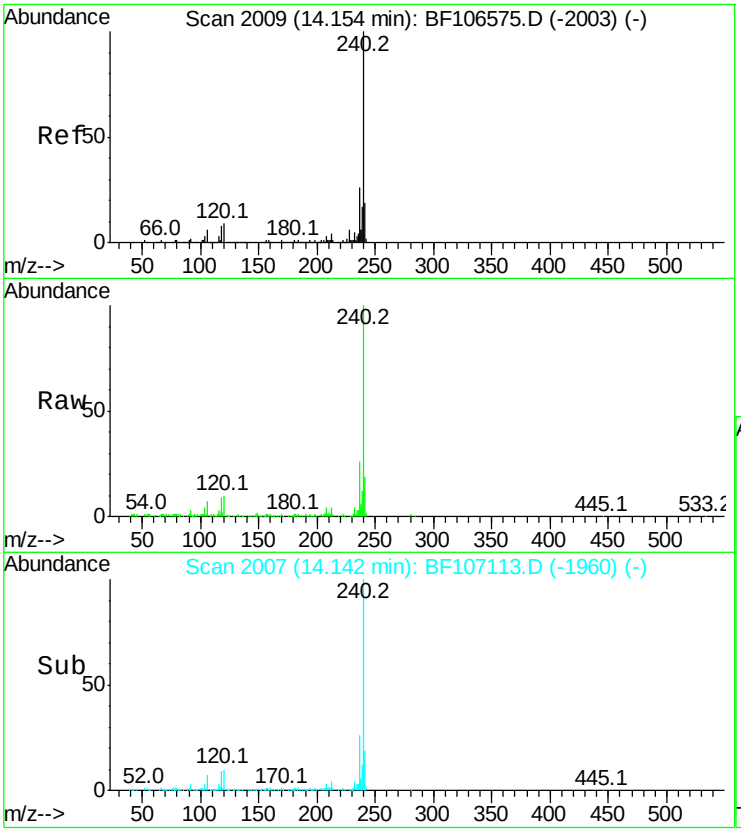


#66
4-Bromophenyl-phenylether
Concen: 4.395 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Tgt Ion:248 Resp: 8520

Ion	Ratio	Lower	Upper
248	100		
250	188.1	76.9	115.3#
141	330.3	74.4	111.6#



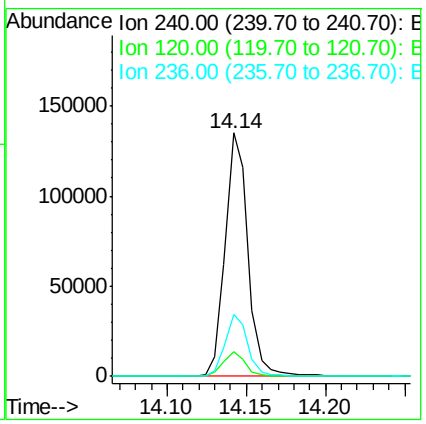


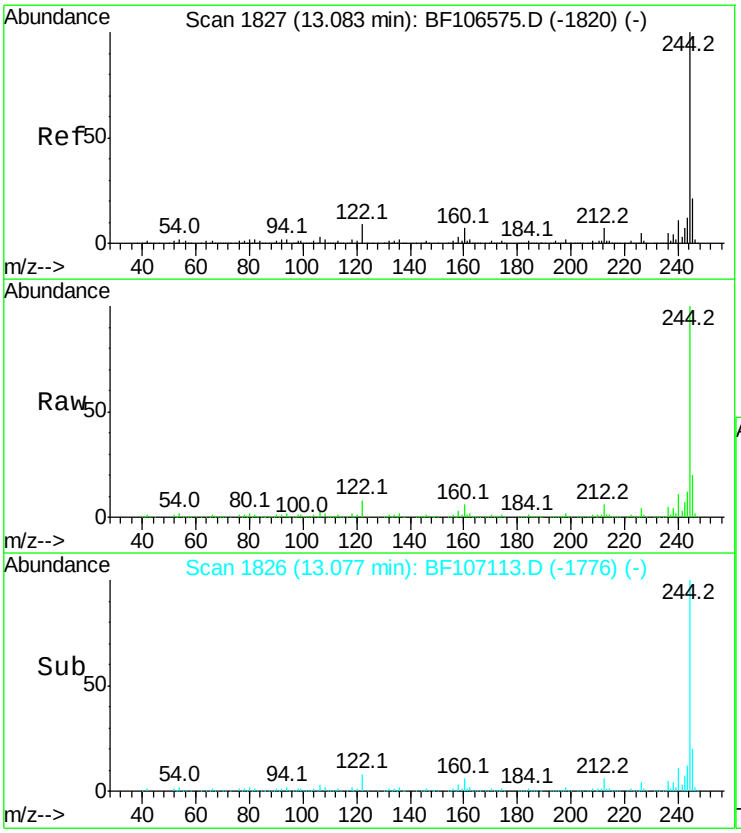
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 134634

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.5	20.7	31.1

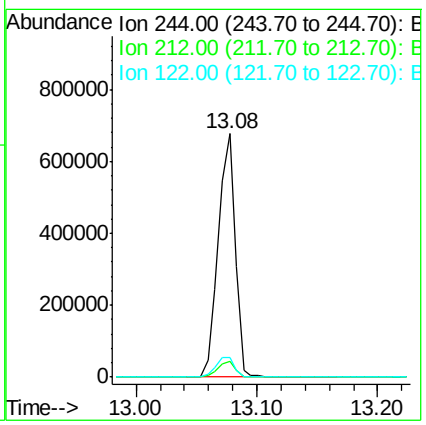


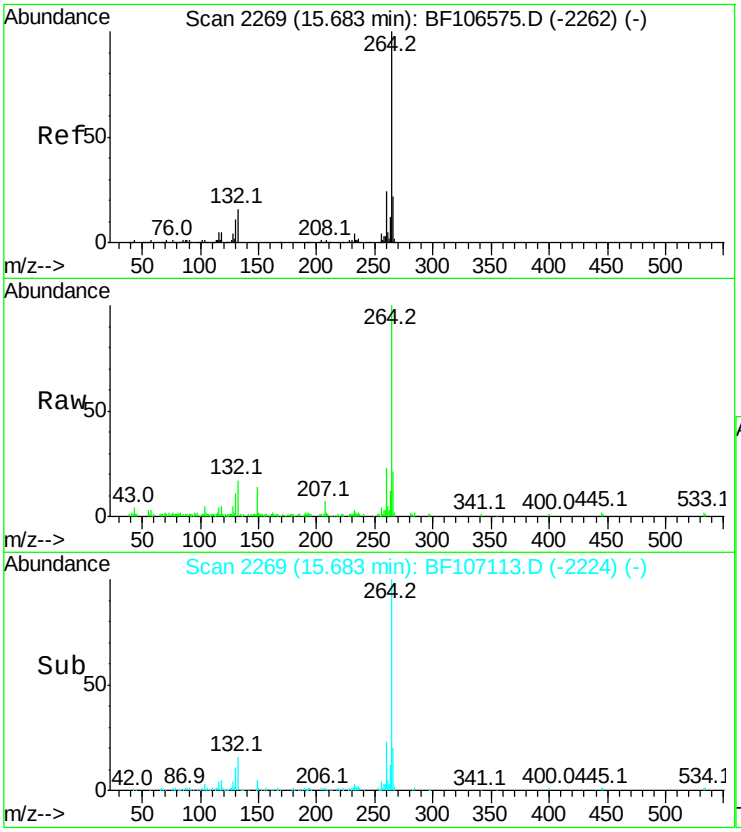


#78
Terphenyl-d14
Concen: 118.418 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Tgt Ion:244 Resp: 658179

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107113.D
Acq: 4 Jul 2018 6:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 99198

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.0	17.5	26.3