Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
Data File : BF106609.D
Acq On : 20 Jun 2018 4:07
Operator : JU/SJ
Sample : J3580-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2

Quant Time: Jun 20 05:49:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	99151	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	361545	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	148035	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	236709	20.00	ng		0.00
75) Chrysene-d12	14.15	240	258924	20.00	ng		0.00
86) Perylene-d12	15.70	264	233857	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	571507	97.60	ng		0.00
7) Phenol-d6	6.60	99	705870	96.53	ng		0.00
23) Nitrobenzene-d5	7.52	82	463839	71.30	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	152883	89.10	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	773525	89.17	ng		0.00
78) Terphenyl-d14	13.08	244	672791	62.94	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	13429	2.187	ng		82
19) n-Nitroso-di-n-propylamine	7.52	70	62285	12.922	ng	#	73
25) Isophorone	7.52	82	463834	40.460	ng	#	64
32) Benzoic acid	7.95	122	119	5.761	ng	#	1
49) Dimethylphthalate	9.71	163	98516	8.873	ng		99
56) 2,4-Dinitrotoluene	10.00	165	19166	6.245	ng	#	22
66) 4-Bromophenyl-phenylether	10.80	248	9818	3.475	ng	#	1

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

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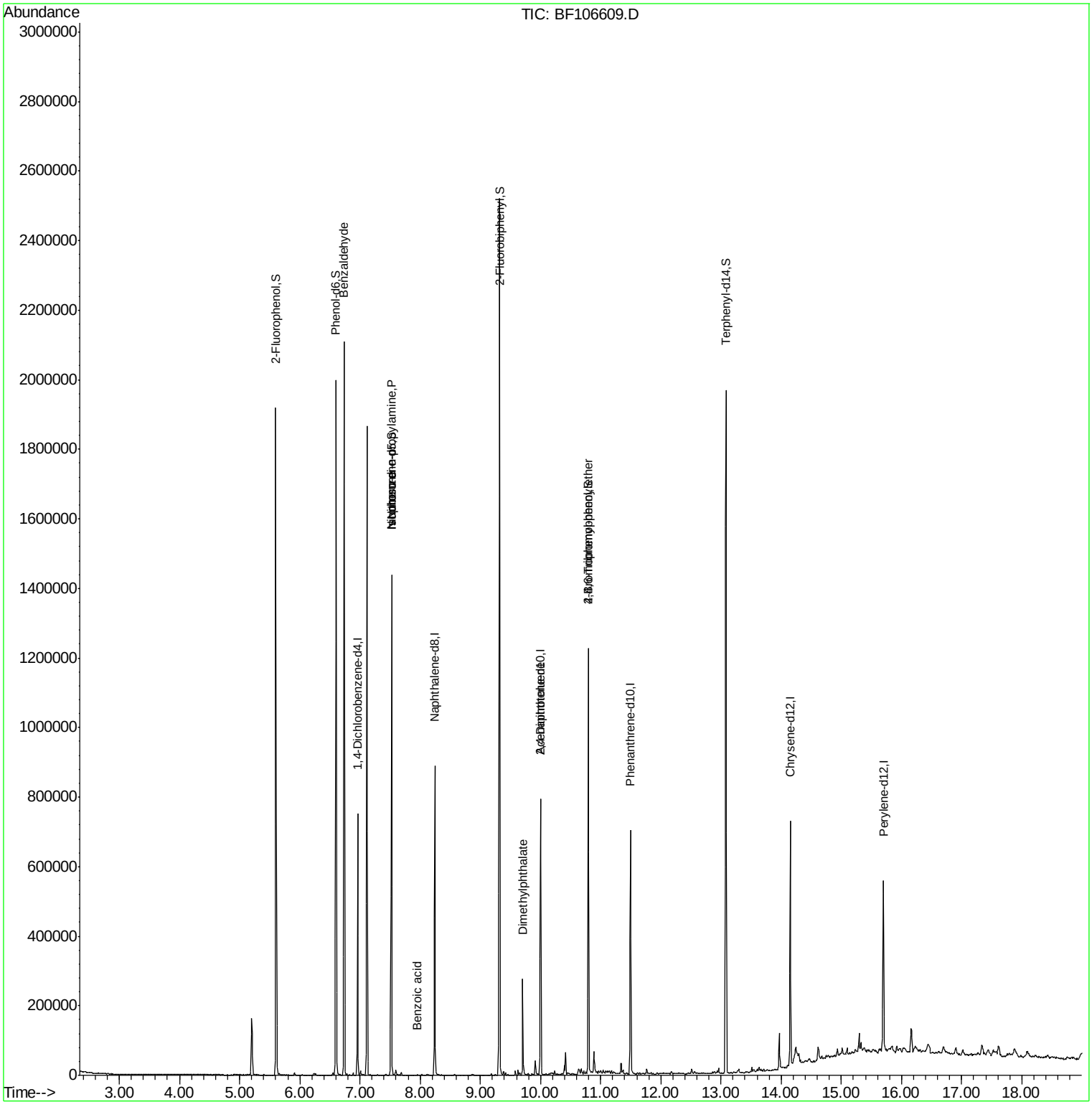
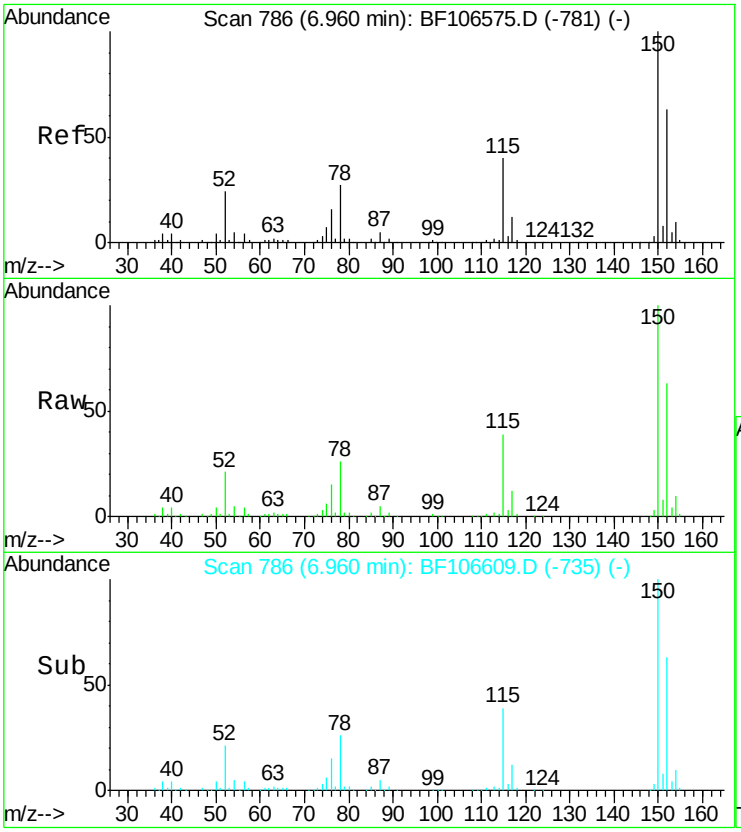


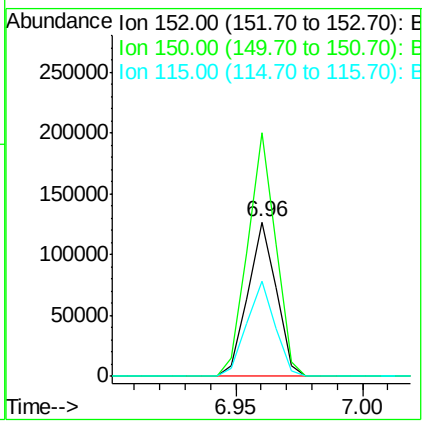


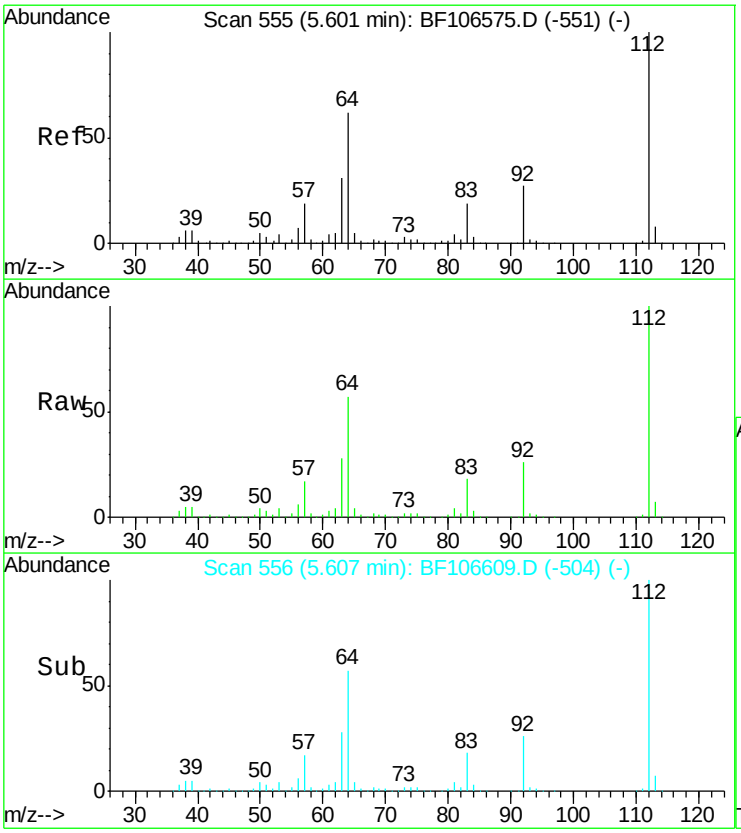
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:152 Resp: 99151

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	61.7	50.1	75.1

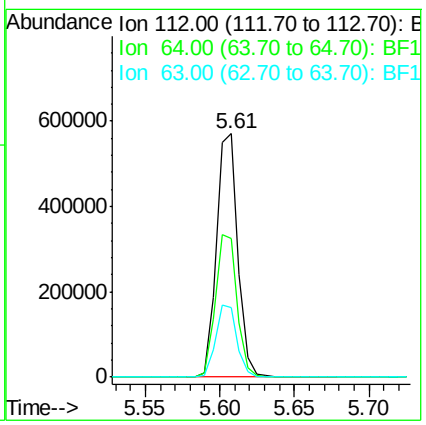


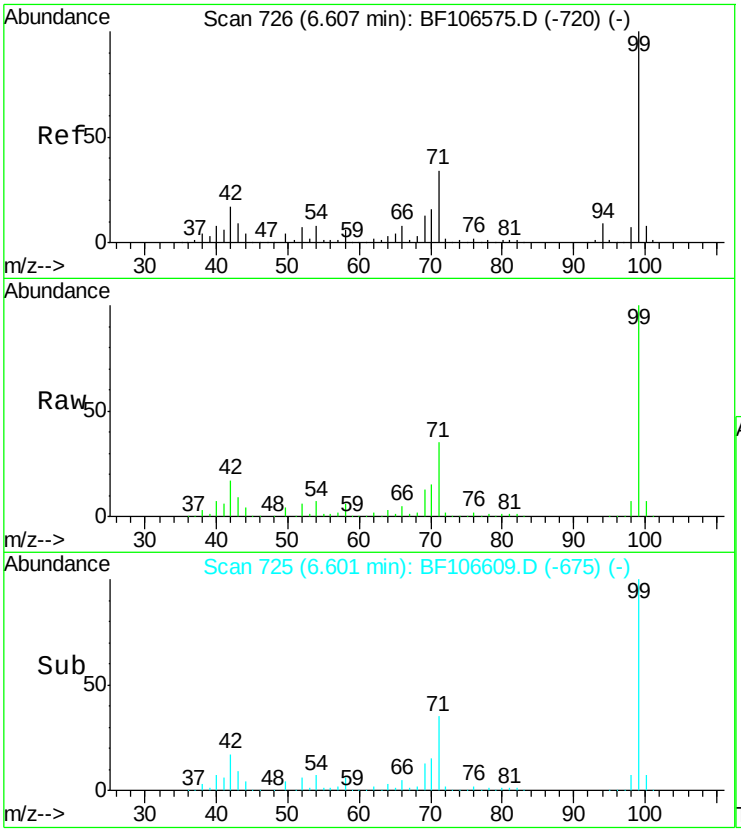


#5
2-Fluorophenol
Concen: 97.603 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Tgt Ion:112 Resp: 571507

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	28.3	23.7	35.5



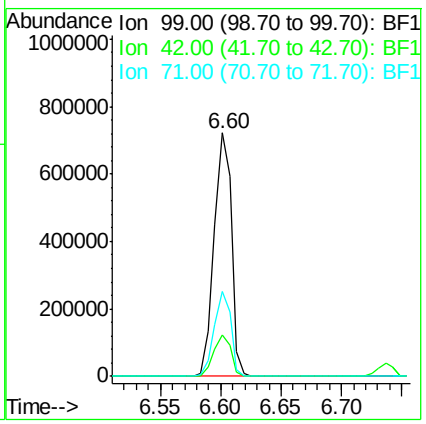


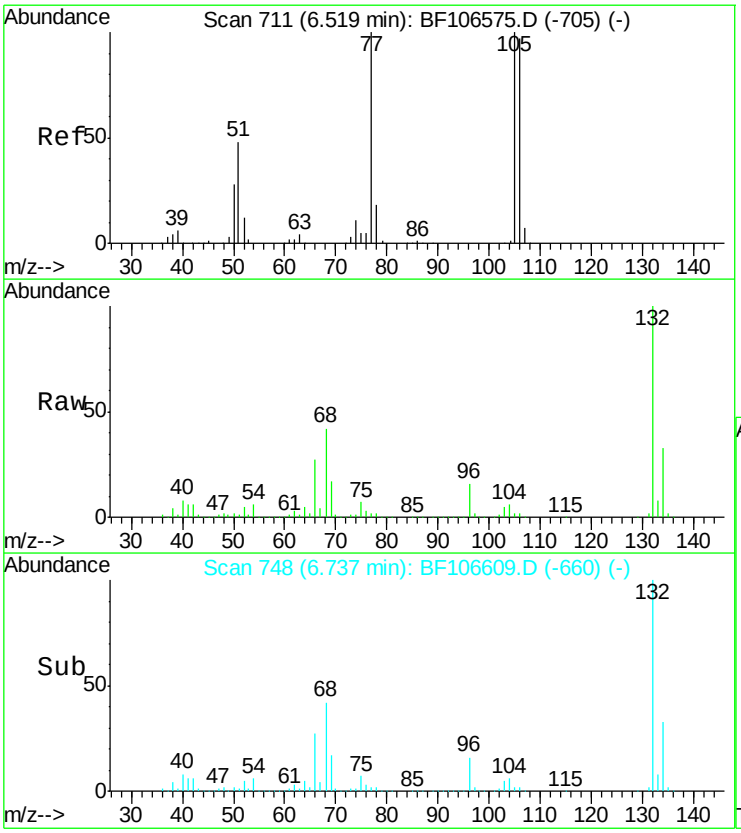
#7
Phenol-d6
Concen: 96.532 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion: 99 Resp: 705870

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.5	21.7
71	34.9	25.4	38.0

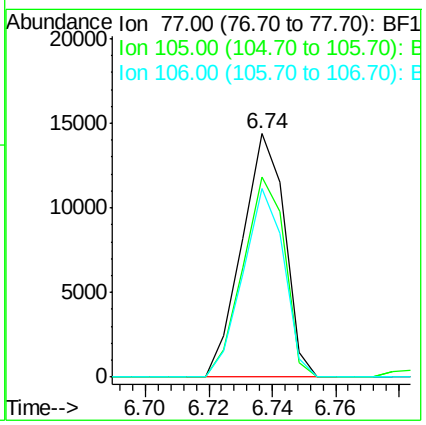


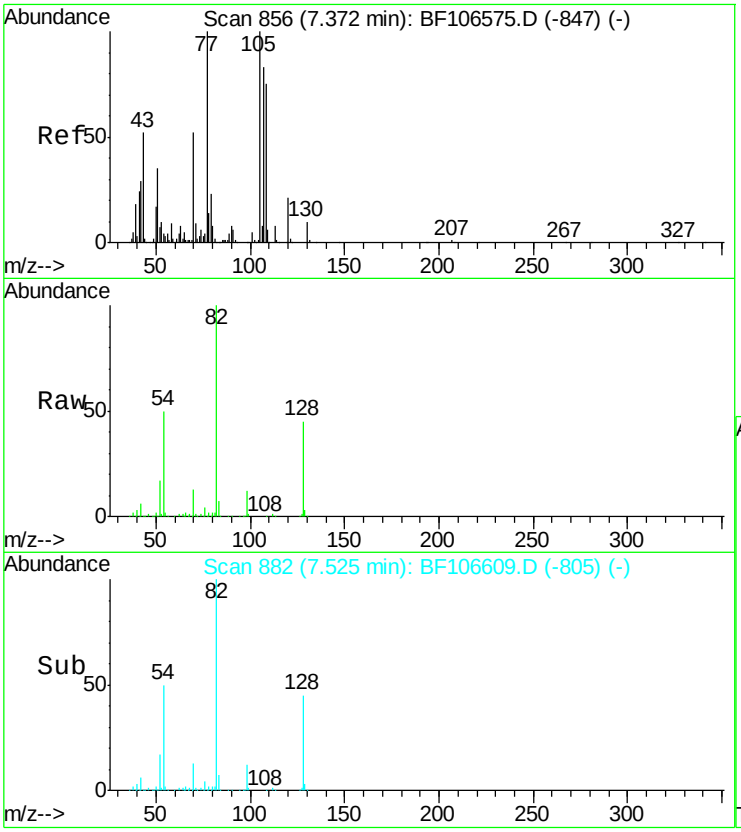


#9
Benzaldehyde
Concen: 2.187 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Tgt Ion: 77 Resp: 13429

Ion	Ratio	Lower	Upper
77	100		
105	82.2	81.1	121.1
106	77.5	74.5	114.5



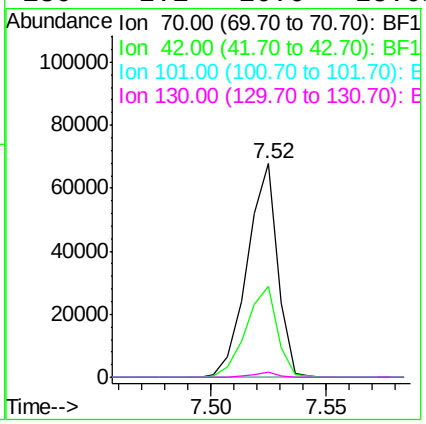


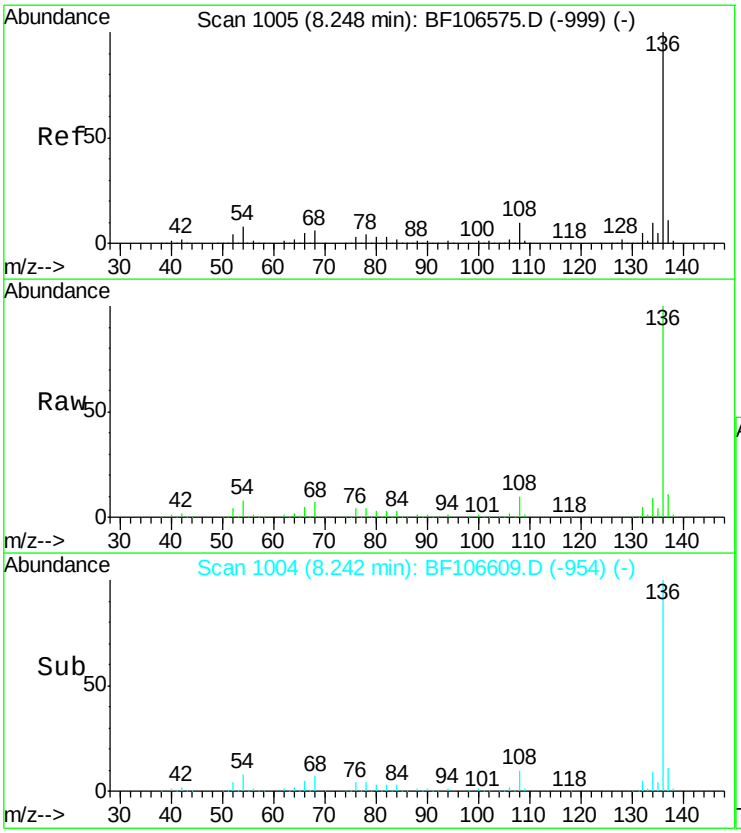
#19
n-Nitroso-di-n-propylamine
Concen: 12.922 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion: 70 Resp: 62285

Ion	Ratio	Lower	Upper
70	100		
42	42.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

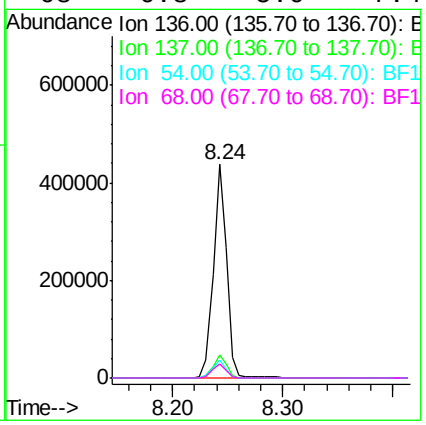


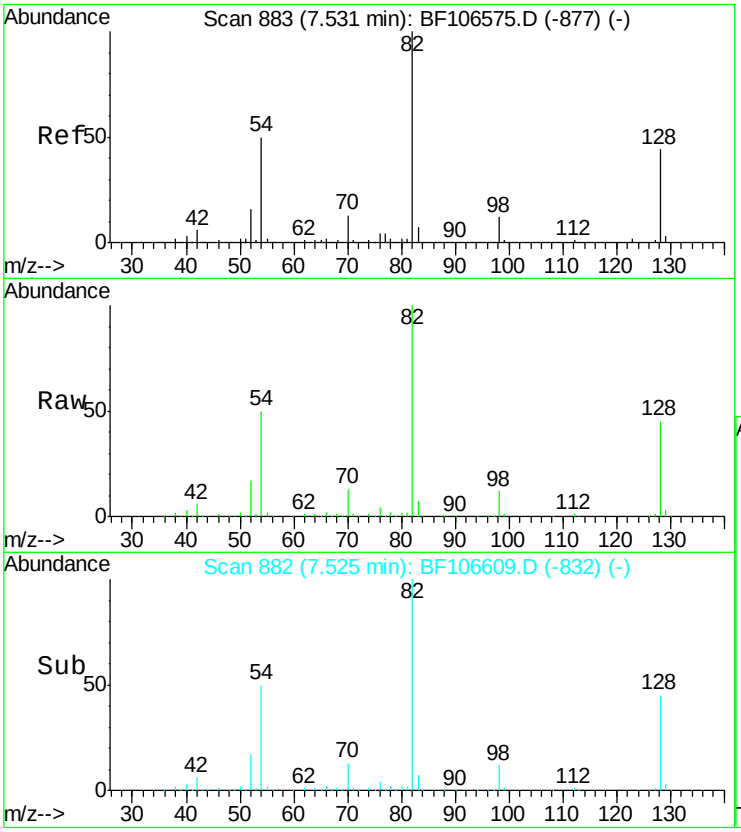


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Tgt Ion:136 Resp: 361545

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	6.6	9.8
68	6.8	5.0	7.4



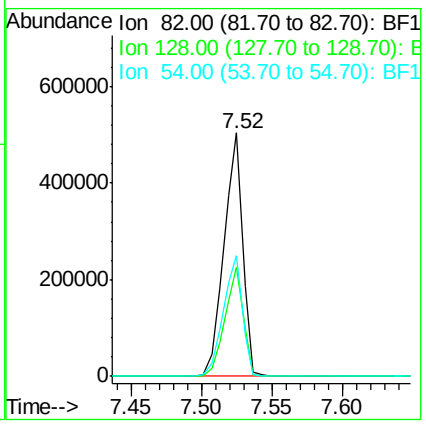


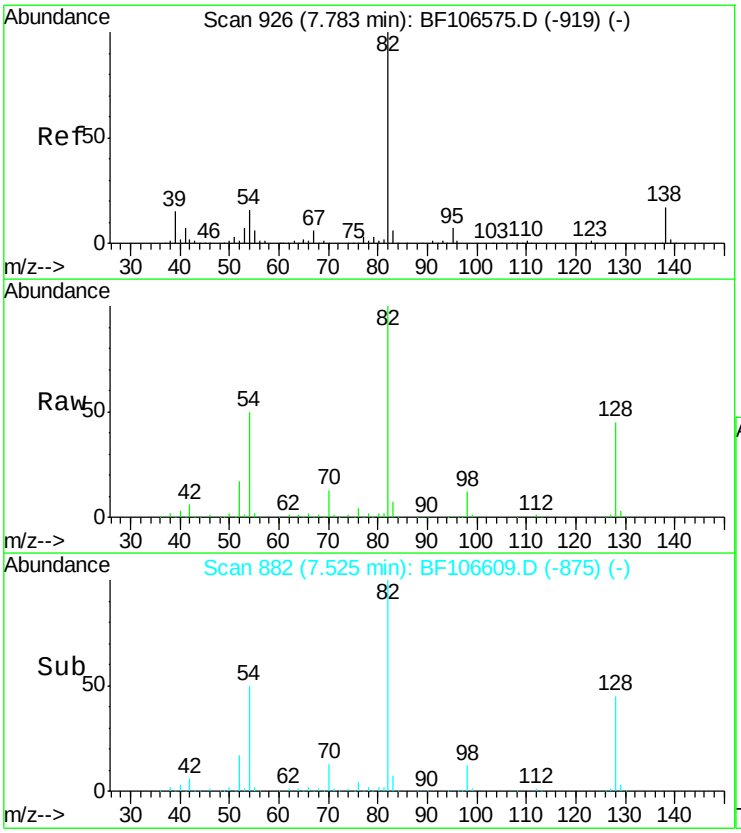
#23
Nitrobenzene-d5
Concen: 71.297 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion: 82 Resp: 463839

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	49.7	41.4	62.2

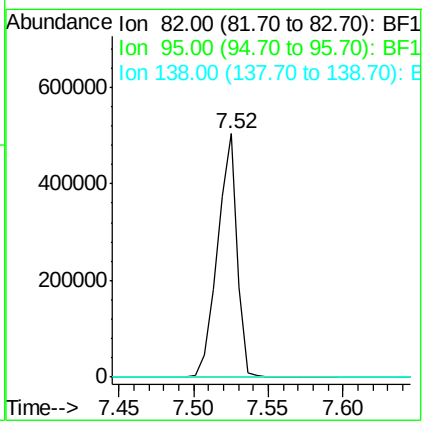


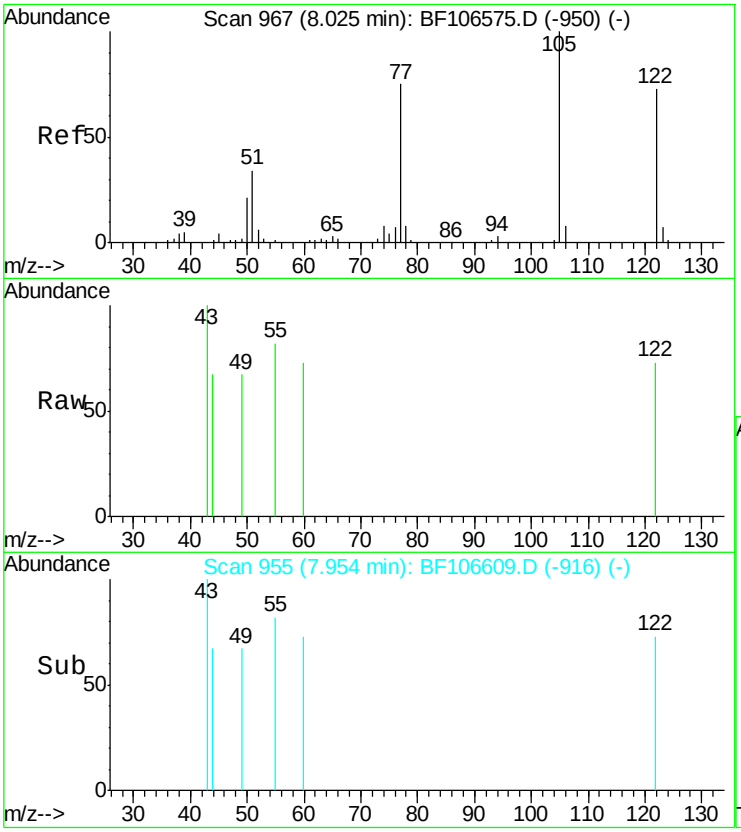


#25
Isophorone
Concen: 40.460 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Tgt Ion: 82 Resp: 463834

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



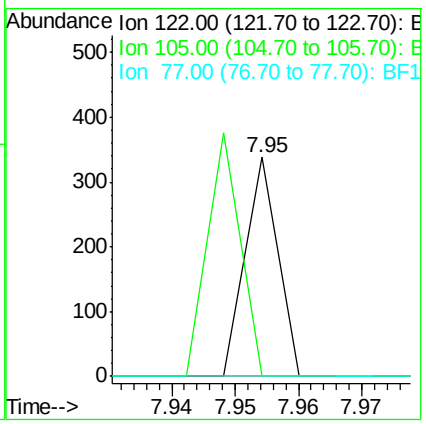


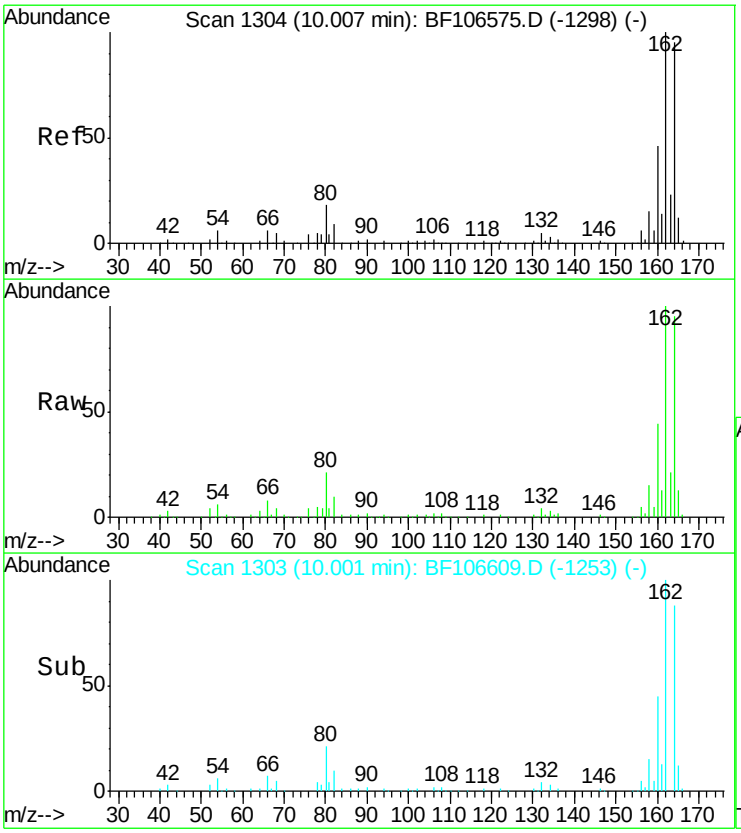
#32
Benzoic acid
Concen: 5.761 ng
RT: 7.95 min Scan# 955
Delta R.T. -0.07 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:122 Resp: 119

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#

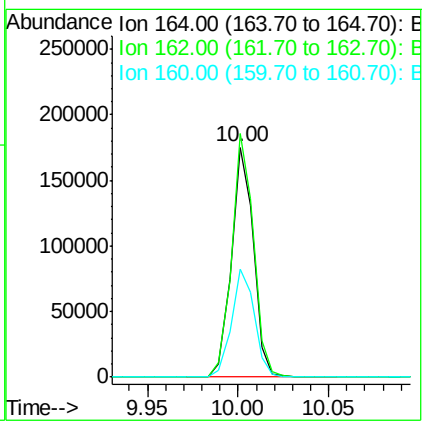


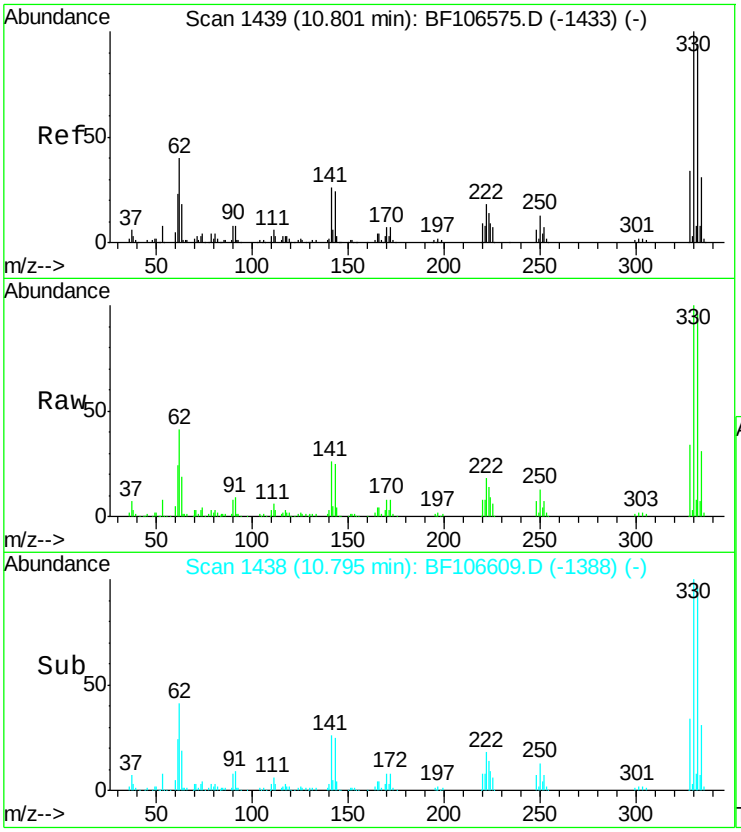


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Tgt Ion:164 Resp: 148035

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	47.0	38.3	57.5



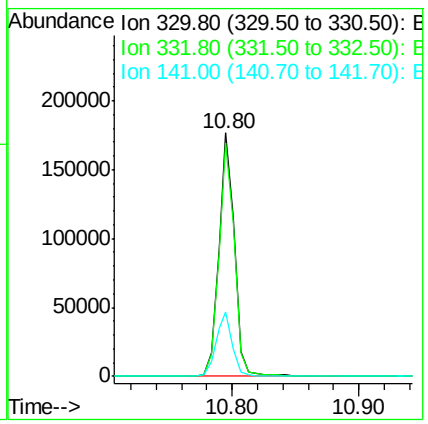


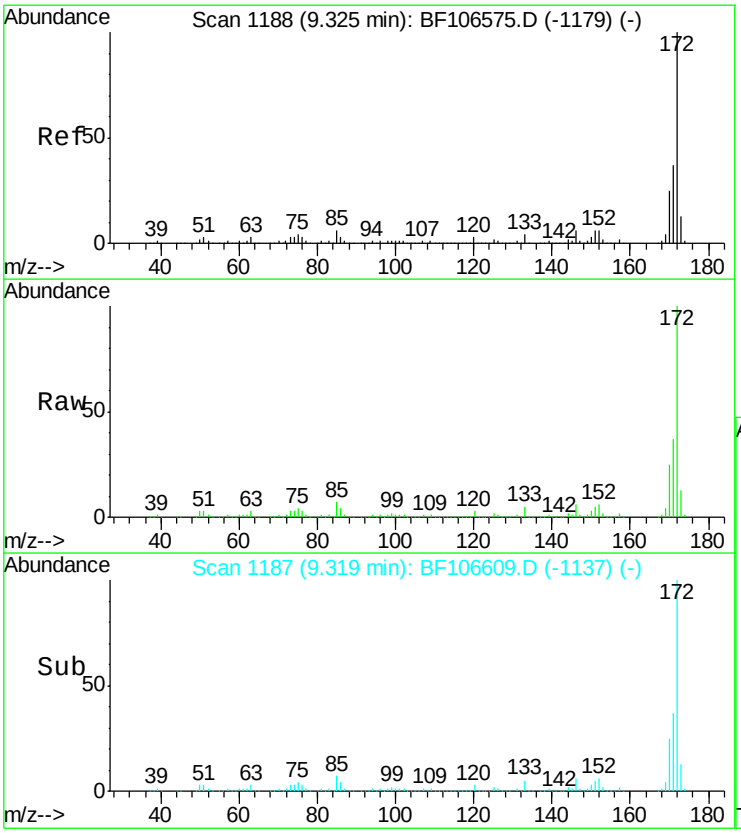
#41
2,4,6-Tribromophenol
Concen: 89.105 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:330 Resp: 152883

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	27.4	29.9	44.9#

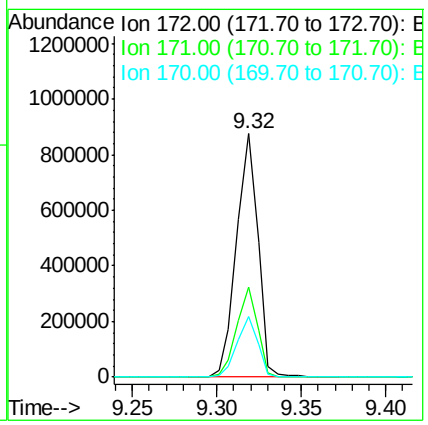


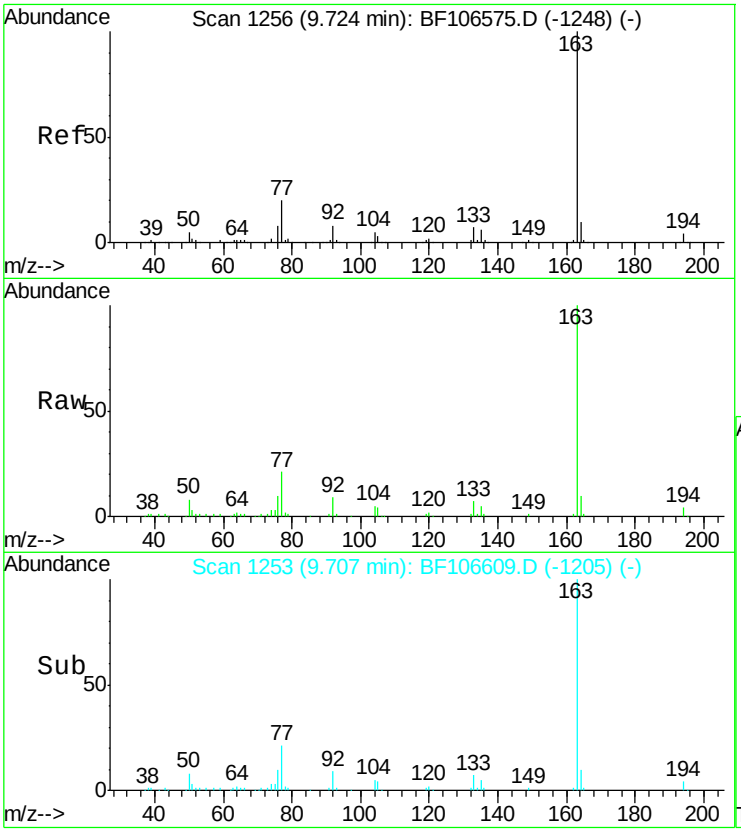


#44
2-Fluorobiphenyl
Concen: 89.168 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Tgt Ion:172 Resp: 773525

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.8	19.6	29.4



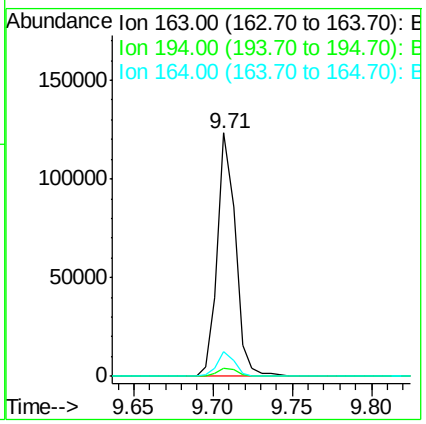


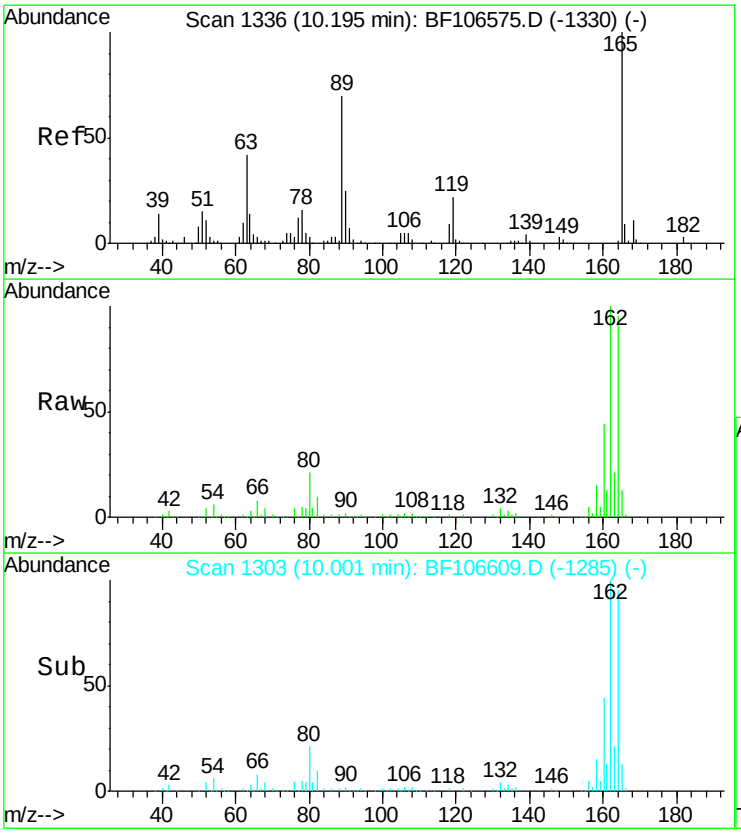
#49
Dimethylphthalate
Concen: 8.873 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:163 Resp: 98516

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.0	8.2	12.2

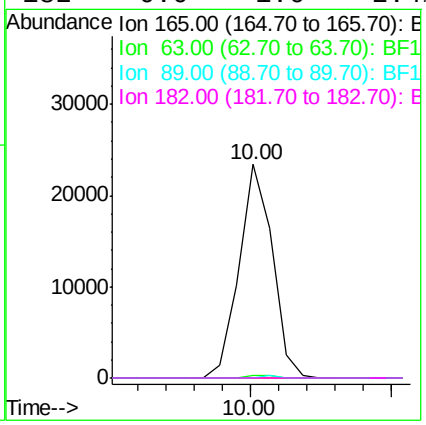


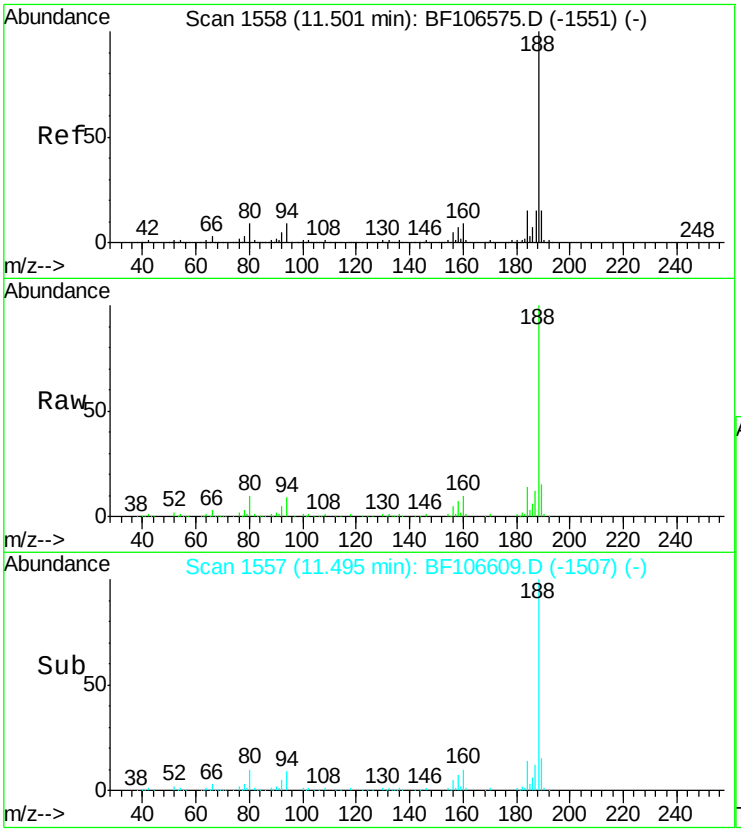


#56
2,4-Dinitrotoluene
Concen: 6.245 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Tgt Ion:165 Resp: 19166

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



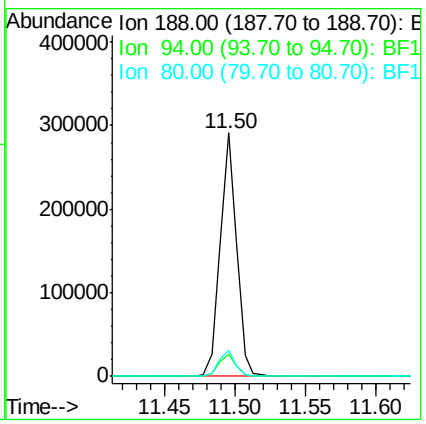


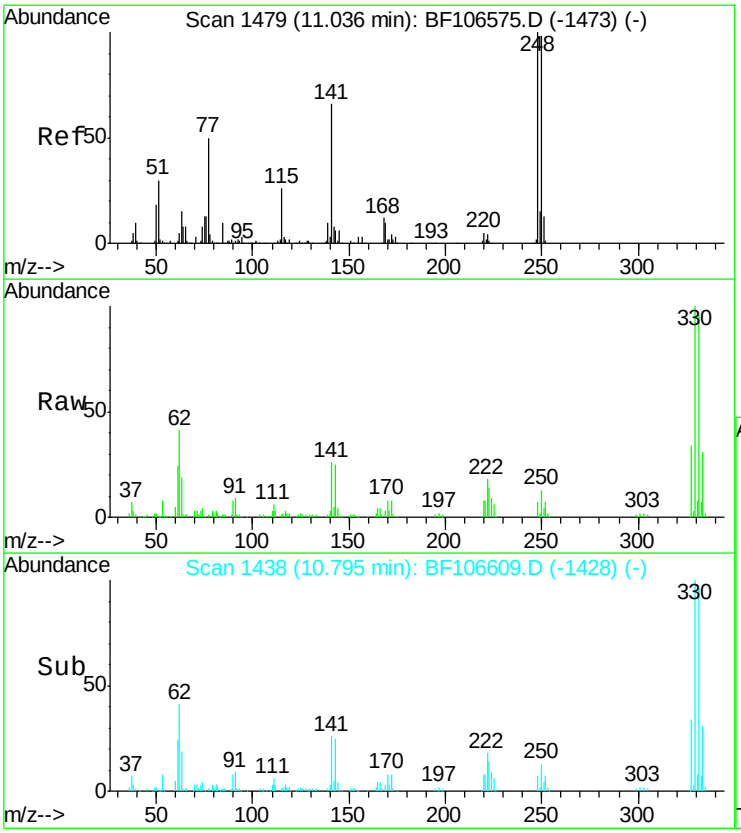
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:188 Resp: 236709

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

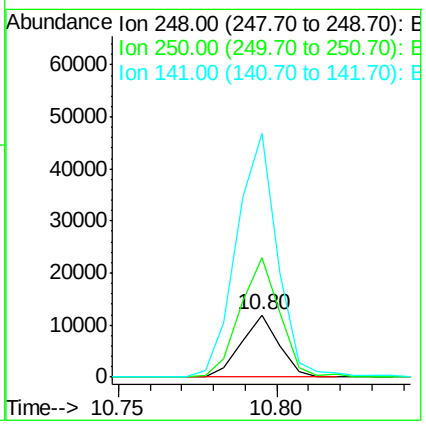


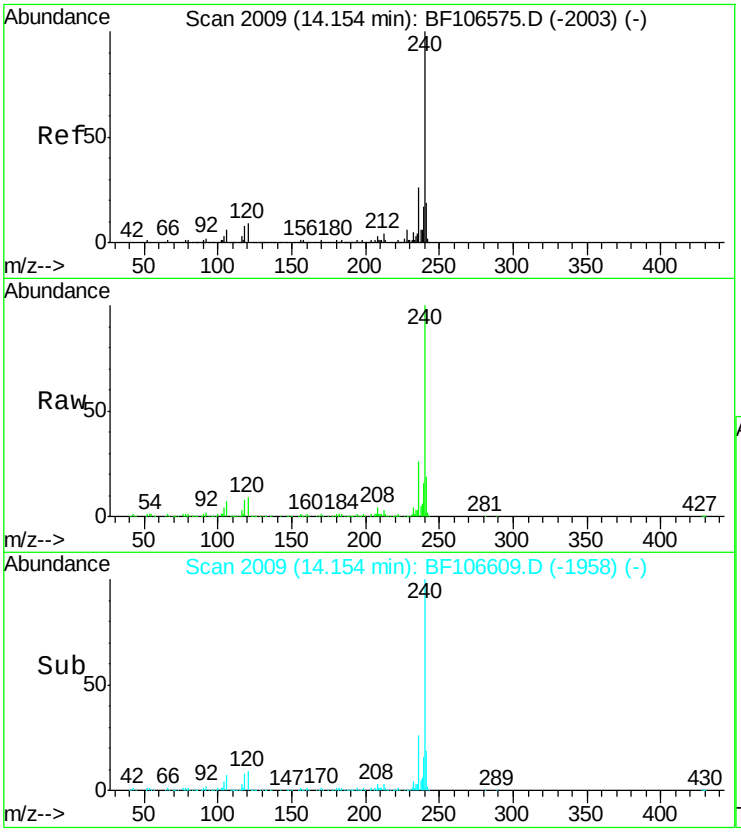


#66
4-Bromophenyl-phenylether
Concen: 3.475 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Tgt Ion:248 Resp: 9818

Ion	Ratio	Lower	Upper
248	100		
250	191.8	76.9	115.3#
141	389.7	74.4	111.6#



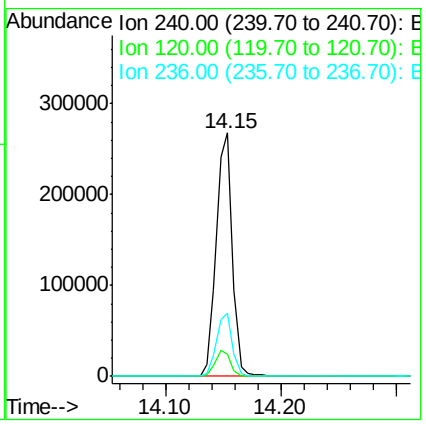


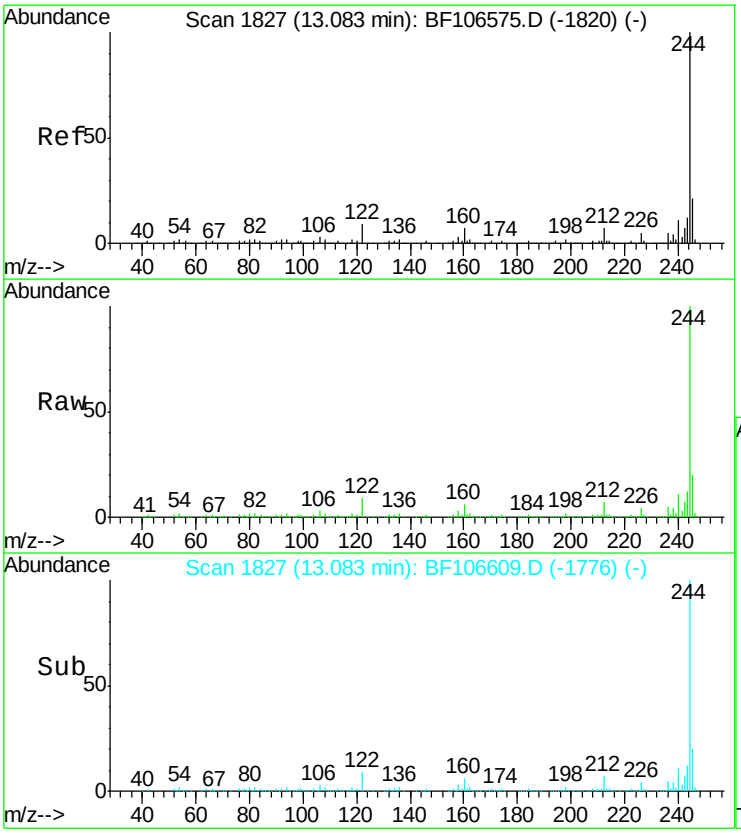
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:240 Resp: 258924

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.0	20.7	31.1

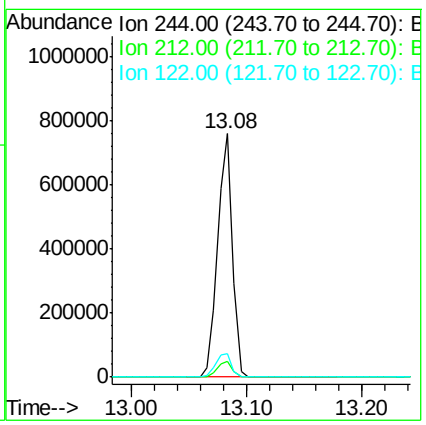


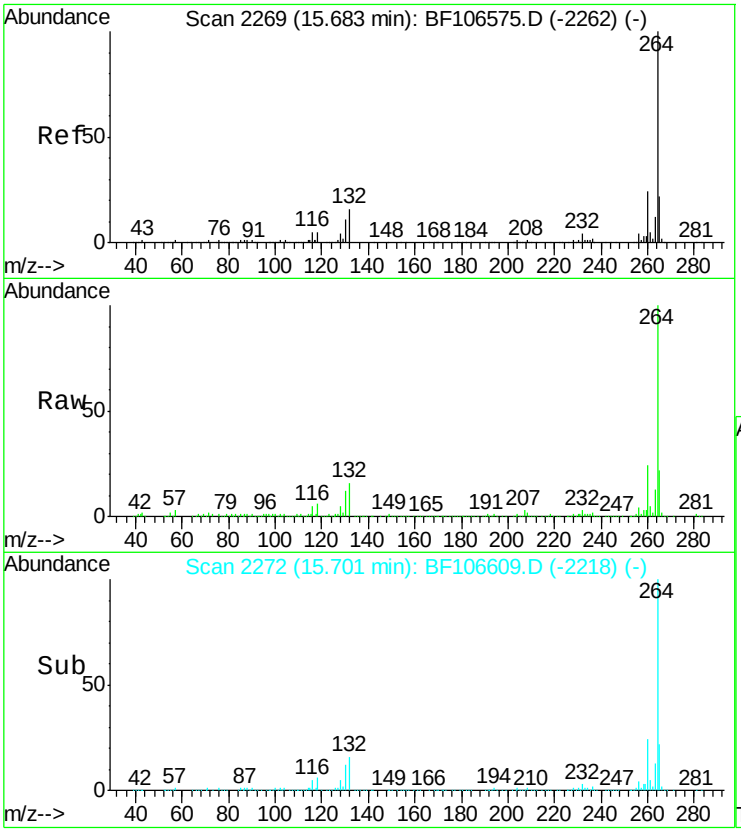


#78
Terphenyl-d14
Concen: 62.941 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Tgt Ion:244 Resp: 672791

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106609.D
Acq: 20 Jun 2018 4:07

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:264 Resp: 233857

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3