Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106567.D
Acq On : 19 Jun 2018 5:04
Operator : JU/SJ
Sample : J3562-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 19 08:27:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	104354	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	382205	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	155793	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	246224	20.00	ng	0.00
75) Chrysene-d12	14.14	240	273131	20.00	ng	-0.01
86) Perylene-d12	15.68	264	243544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	388783	63.06	ng	0.00
7) Phenol-d6	6.61	99	299160	38.40	ng	0.00
23) Nitrobenzene-d5	7.53	82	657221	101.16	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	209007	139.43	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1023831	143.97	ng	0.00
78) Terphenyl-d14	13.08	244	935628	85.08	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	18693	3.164	ng	# 1
18) Hexachloroethane	7.50	117	40549	14.370	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	88051	15.067	ng	# 75
22) Acetophenone	7.35	105	36627	3.803	ng	# 58
25) Isophorone	7.53	82	655365	51.644	ng	# 64
32) Benzoic acid	7.91	122	282	7.349	ng	# 1
49) Dimethylphthalate	9.71	163	34217	3.074	ng	100
50) 2,6-Dinitrotoluene	10.01	165	20298	8.928	ng	# 27
56) 2,4-Dinitrotoluene	10.01	165	20298	7.109	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.80	198	388	6.549	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13554	4.840	ng	# 1

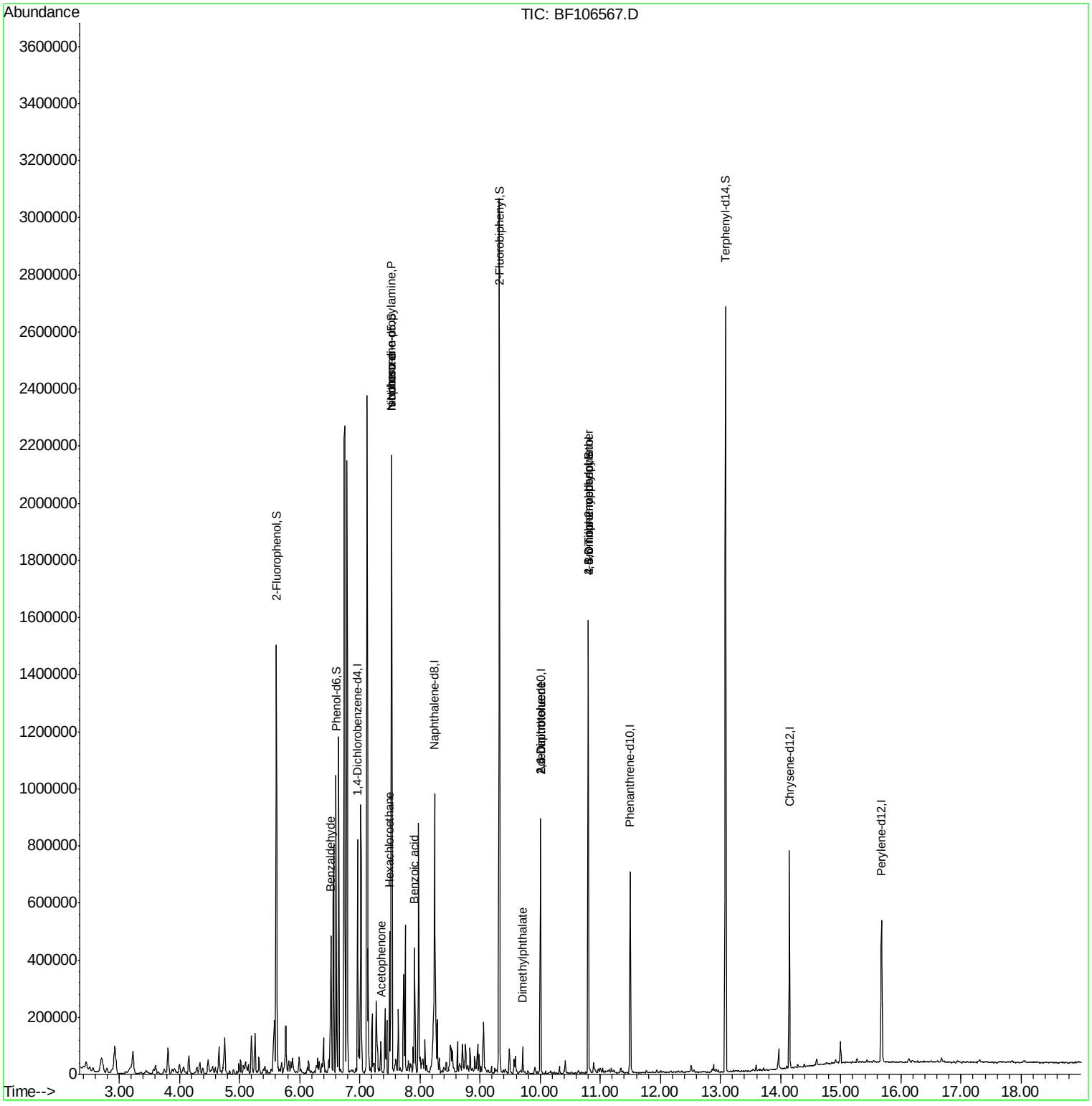
(#) = qualifier out of range (m) = manual integration (+) = signals summed

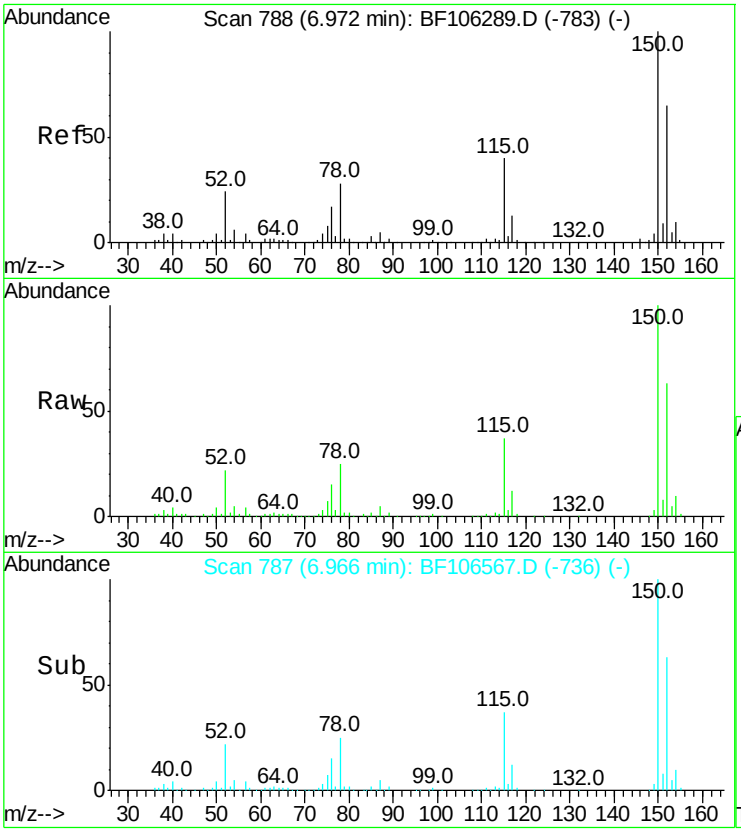
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106567.D
Acq On : 19 Jun 2018 5:04
Operator : JU/SJ
Sample : J3562-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 19 08:27:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration



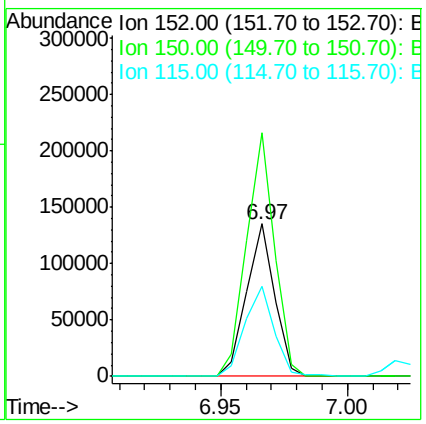


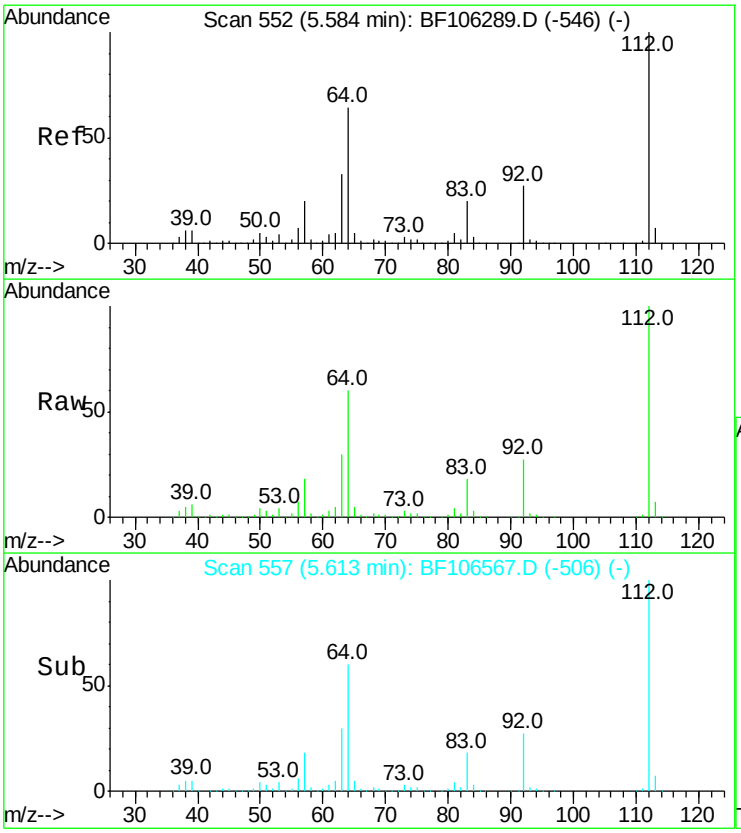
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 104354

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	59.0	50.1	75.1

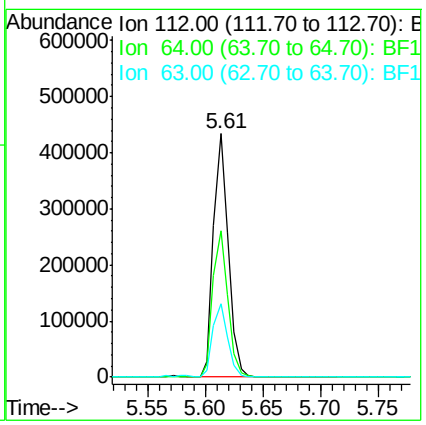


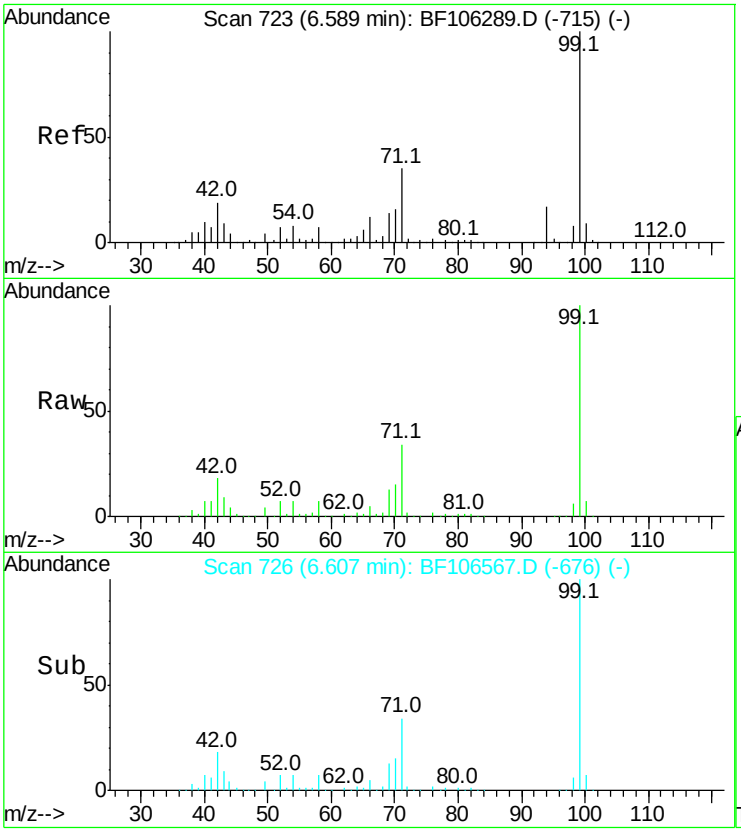


#5
2-Fluorophenol
Concen: 63.056 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion:112 Resp: 388783

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.0	23.7	35.5



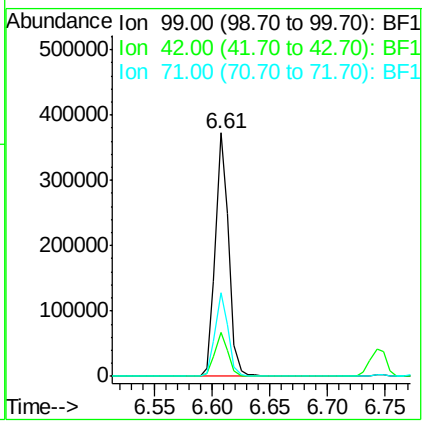


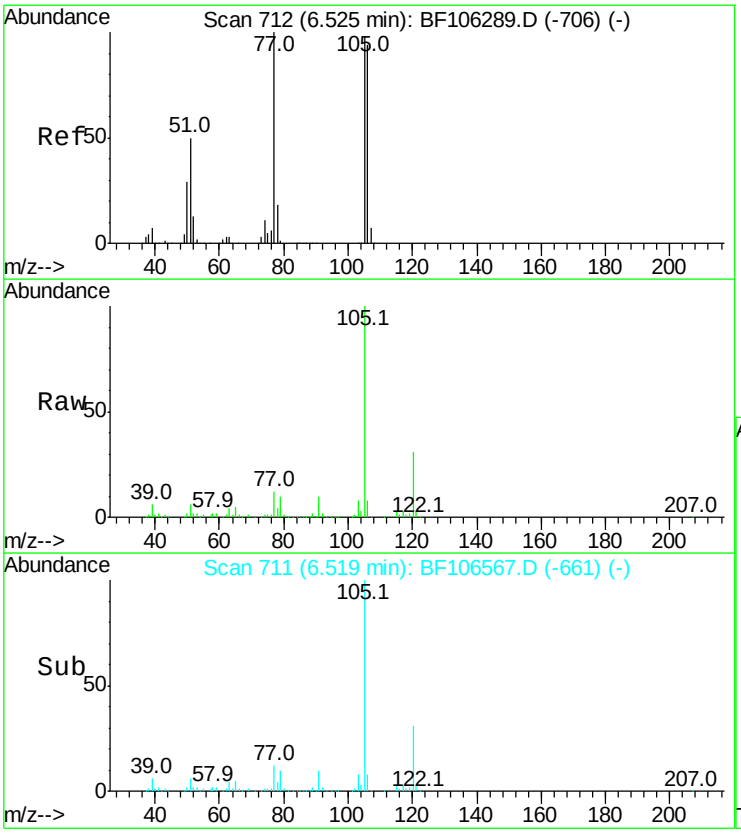
#7
Phenol-d6
Concen: 38.404 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 299160

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	34.2	25.4	38.0

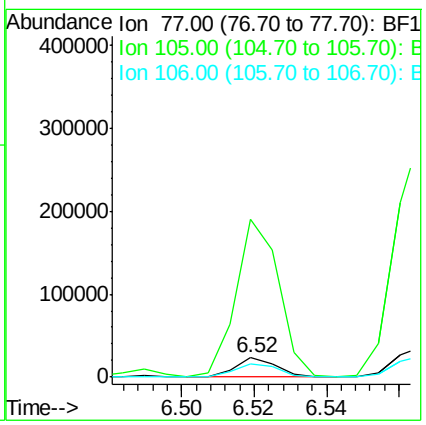


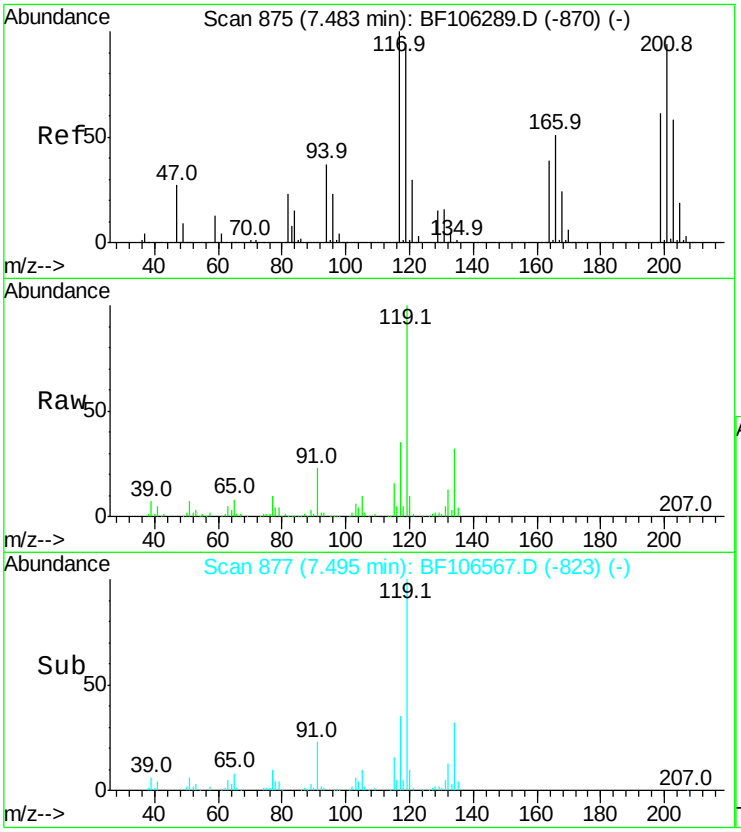


#9
Benzaldehyde
Concen: 3.164 ng
RT: 6.52 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion: 77 Resp: 18693

Ion	Ratio	Lower	Upper
77	100		
105	828.1	81.1	121.1#
106	68.4	74.5	114.5#



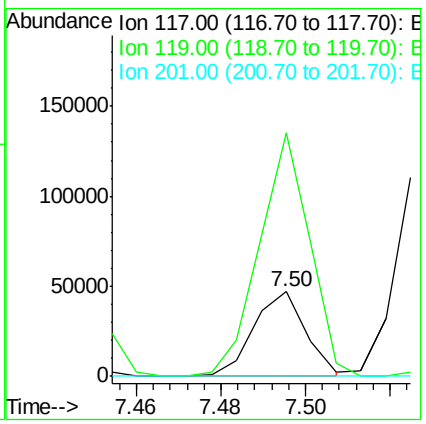


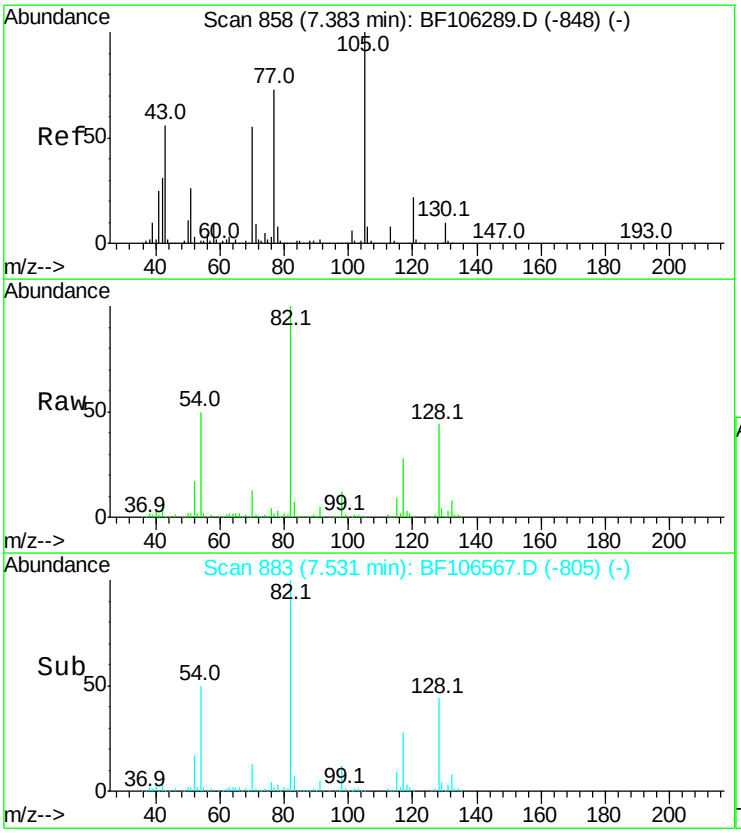
#18
Hexachloroethane
Concen: 14.370 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 40549

Ion	Ratio	Lower	Upper
117	100		
119	287.8	75.8	113.8#
201	0.0	75.7	113.5#

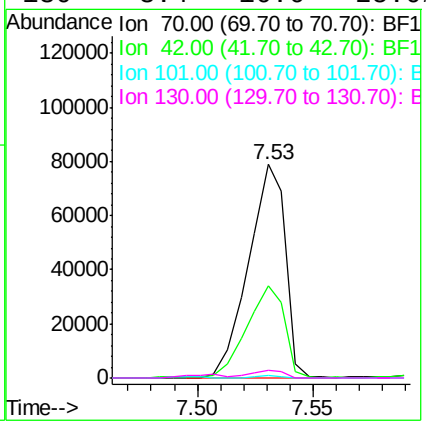


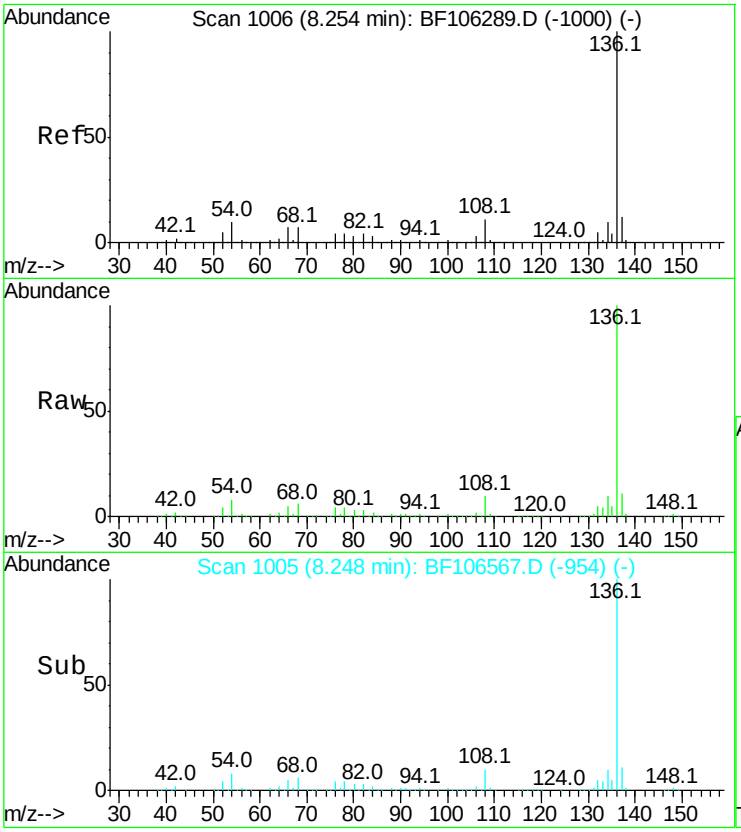


#19
n-Nitroso-di-n-propylamine
Concen: 15.067 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion: 70 Resp: 88051

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	1.1	7.4	11.2#
130	3.4	16.6	25.0#



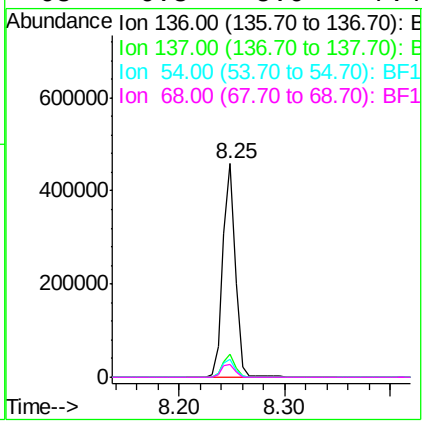


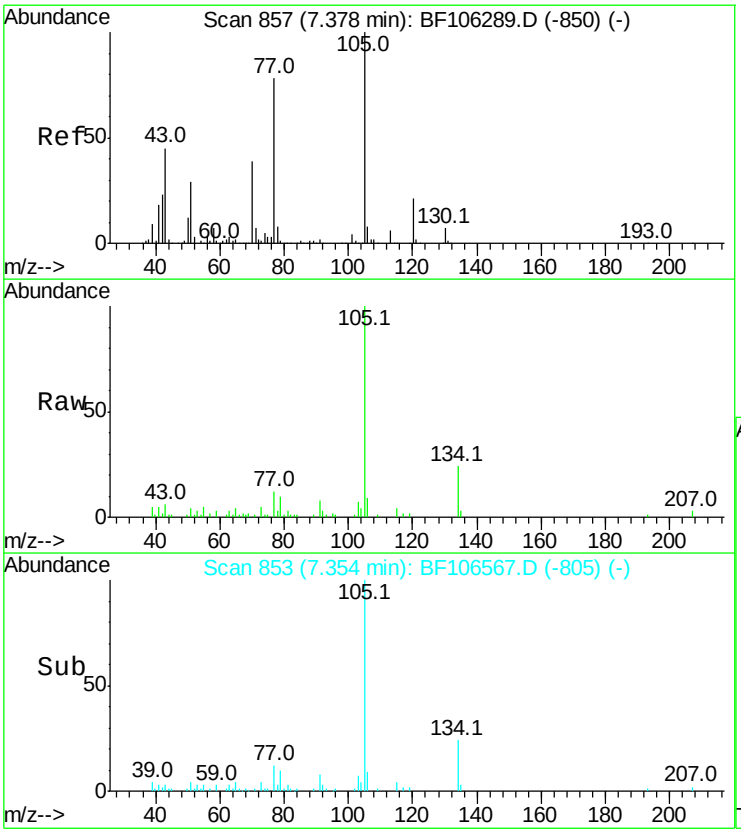
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 382205

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	6.6	9.8
68	6.3	5.0	7.4

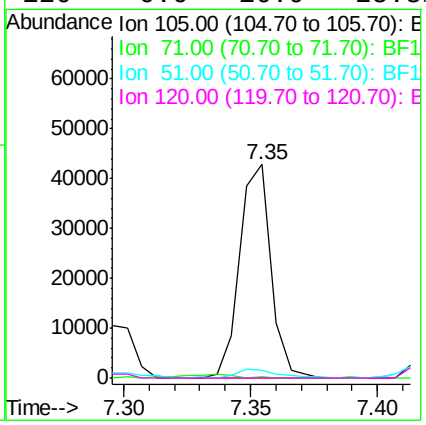


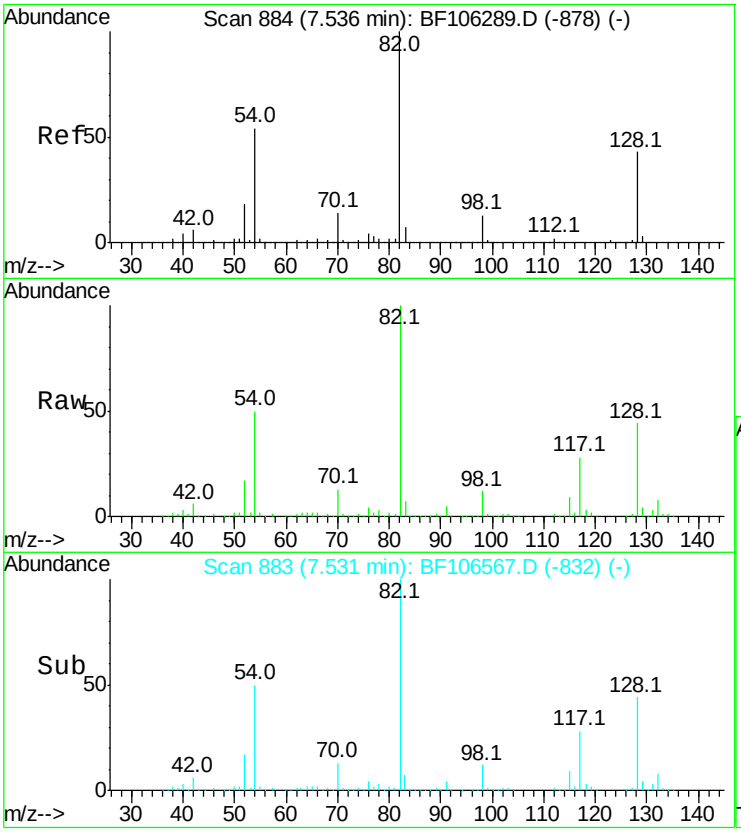


#22
Acetophenone
Concen: 3.803 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion:105 Resp: 36627

Ion	Ratio	Lower	Upper
105	100		
71	0.8	4.4	6.6#
51	3.9	22.3	33.5#
120	0.0	16.9	25.3#



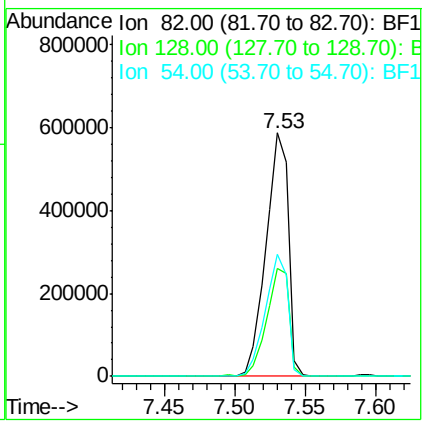


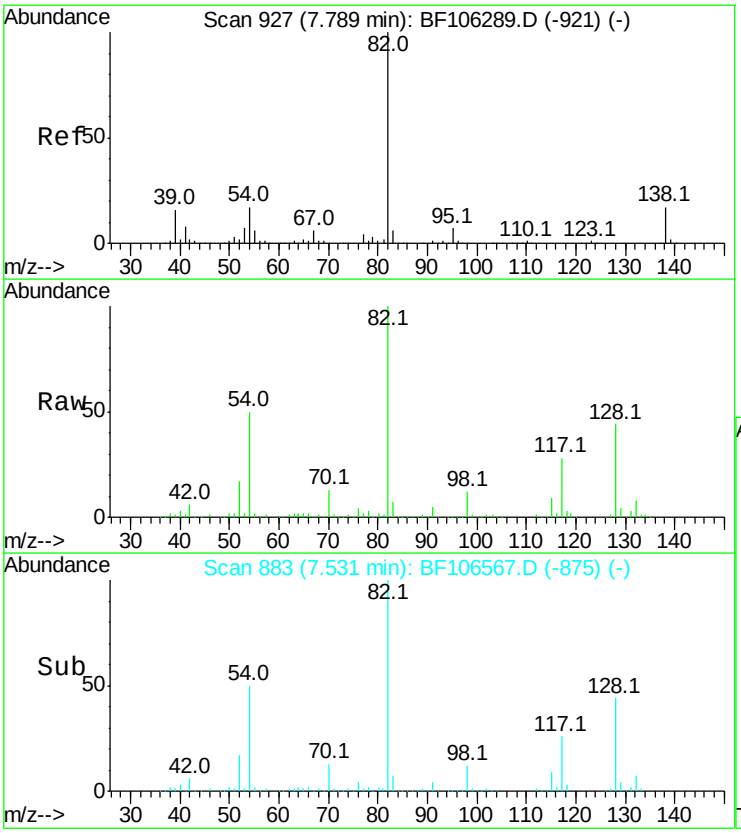
#23
Nitrobenzene-d5
Concen: 101.159 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 657221

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	49.9	41.4	62.2

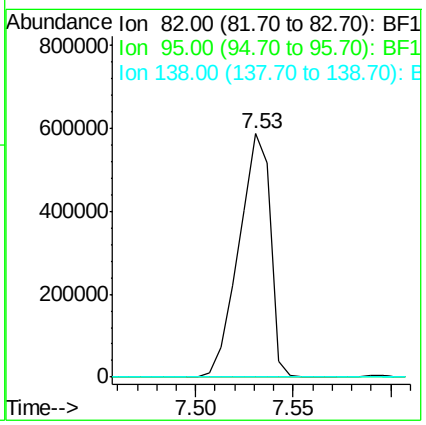


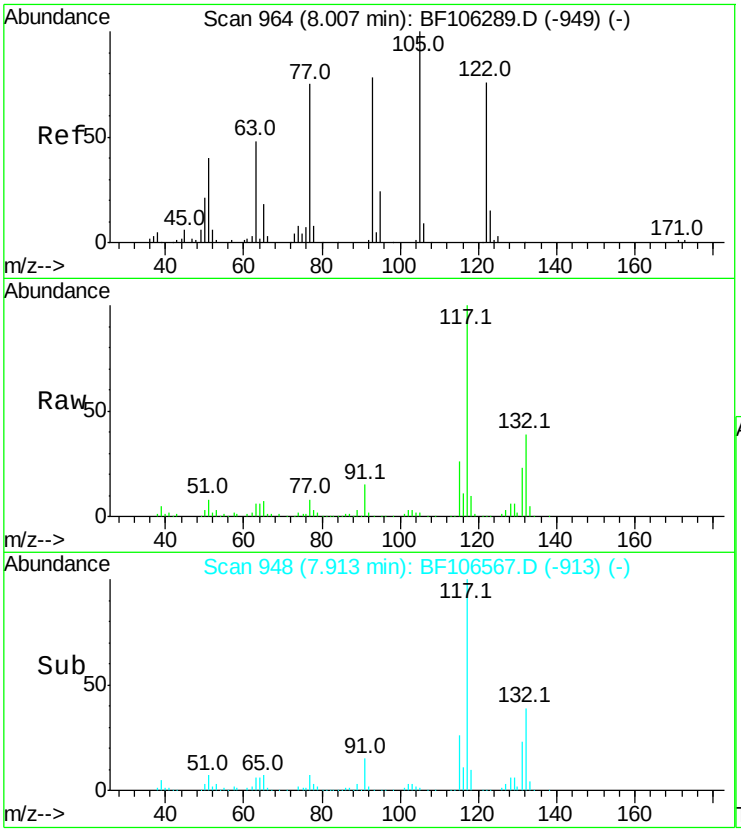


#25
Isophorone
Concen: 51.644 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion: 82 Resp: 655365

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



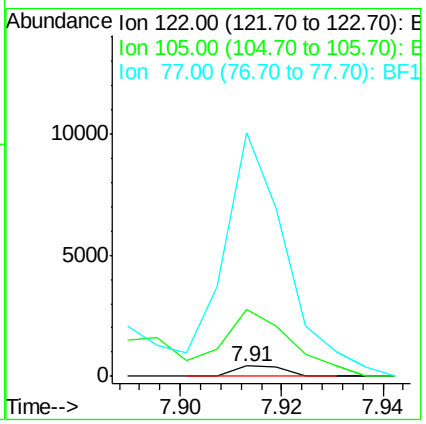


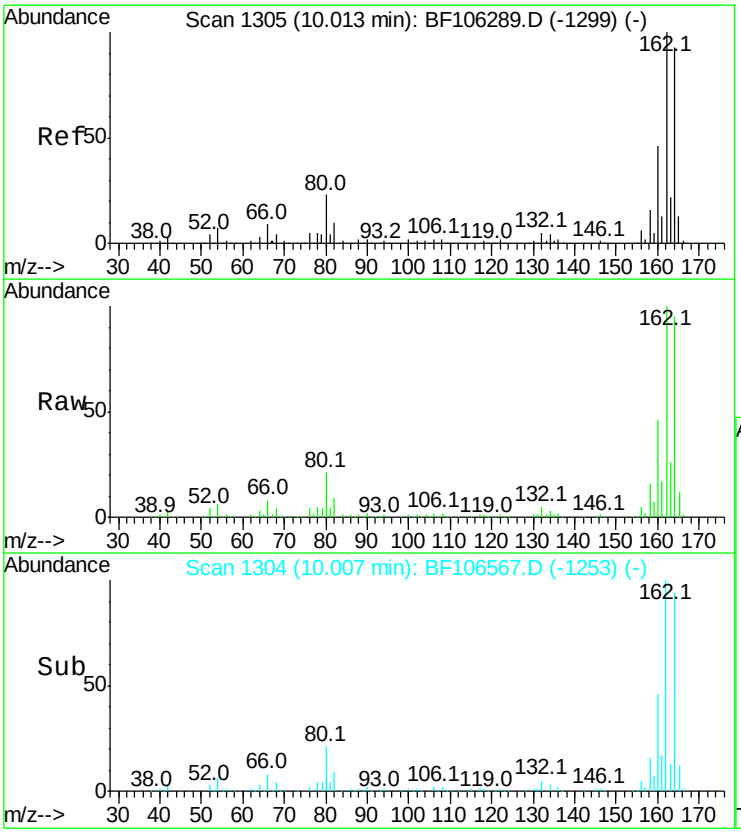
#32
Benzoic acid
Concen: 7.349 ng
RT: 7.91 min Scan# 948
Delta R.T. -0.09 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 282

Ion	Ratio	Lower	Upper
122	100		
105	654.5	101.1	141.1#
77	2370.3	70.7	110.7#

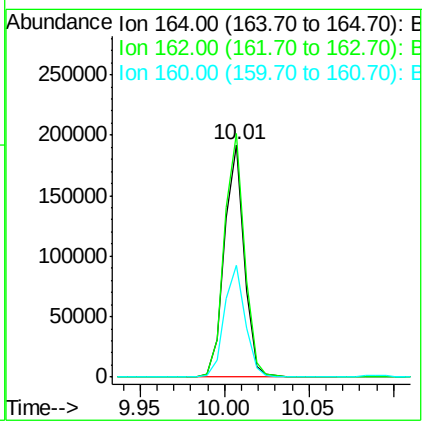


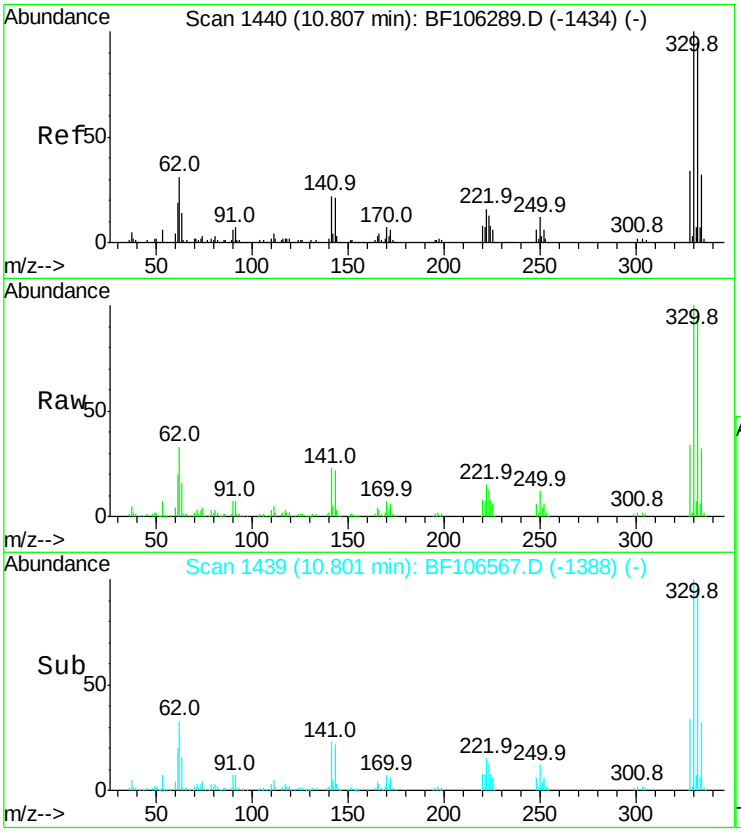


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion:164 Resp: 155793

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	48.1	38.3	57.5



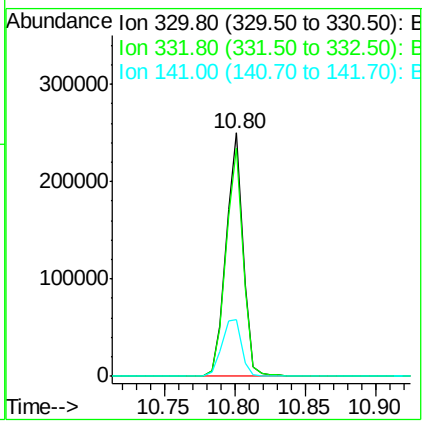


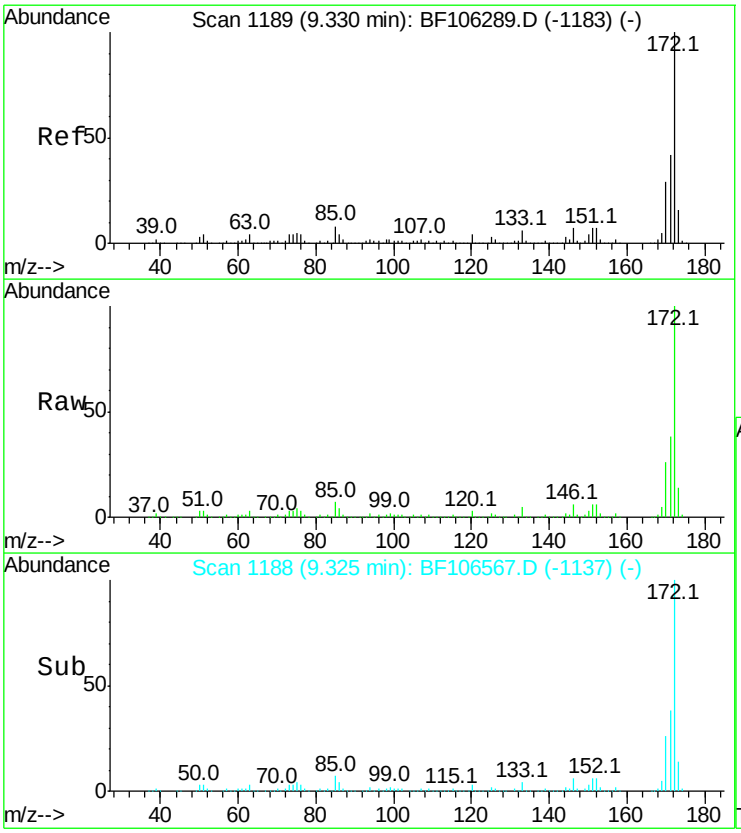
#41
2,4,6-Tribromophenol
Concen: 139.431 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 209007

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	27.4	29.9	44.9#

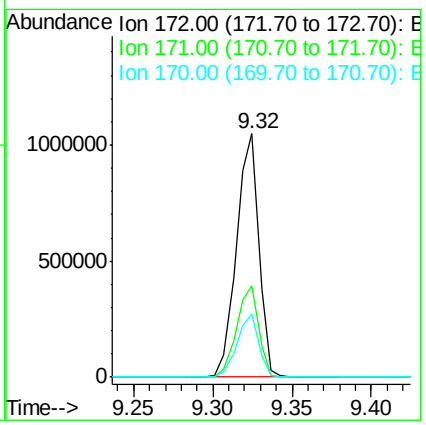


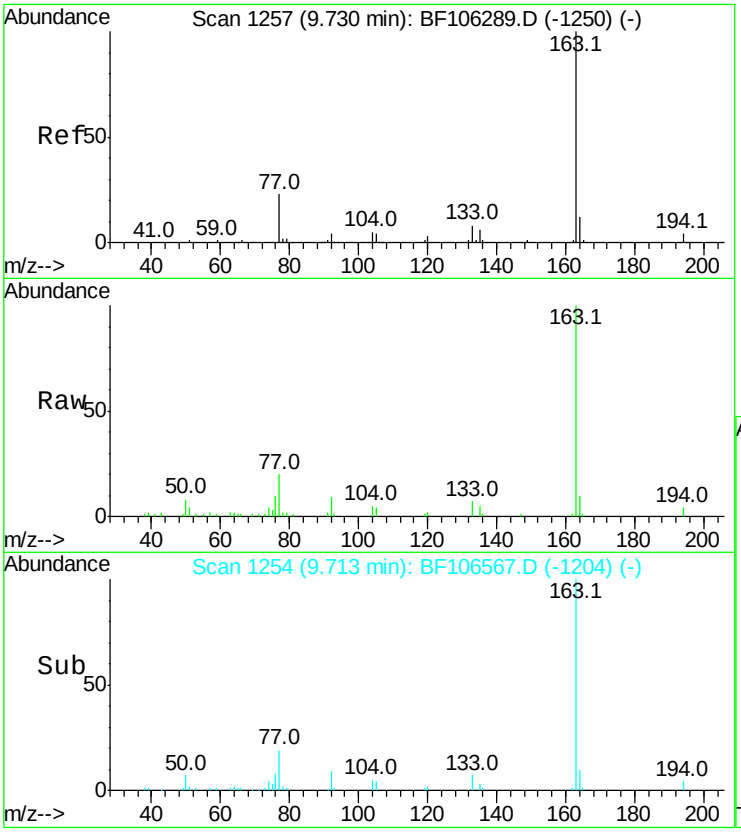


#44
2-Fluorobiphenyl
Concen: 143.972 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion:172 Resp: 1023831

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.8	19.6	29.4



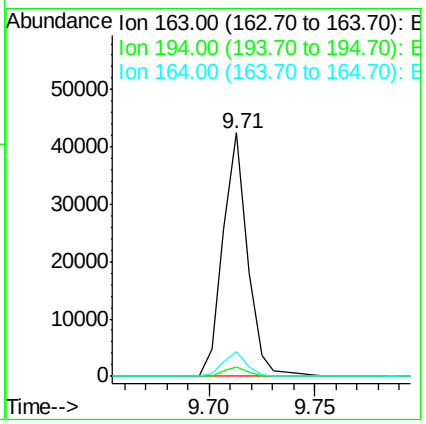


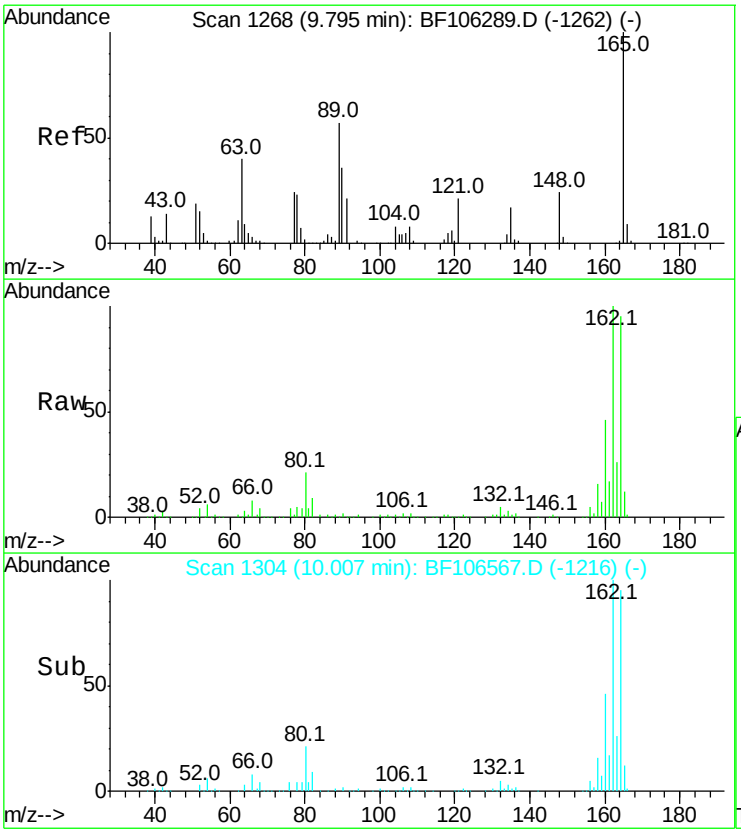
#49
Dimethylphthalate
Concen: 3.074 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 34217

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2

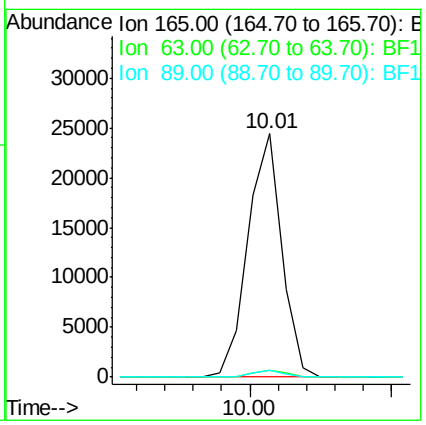


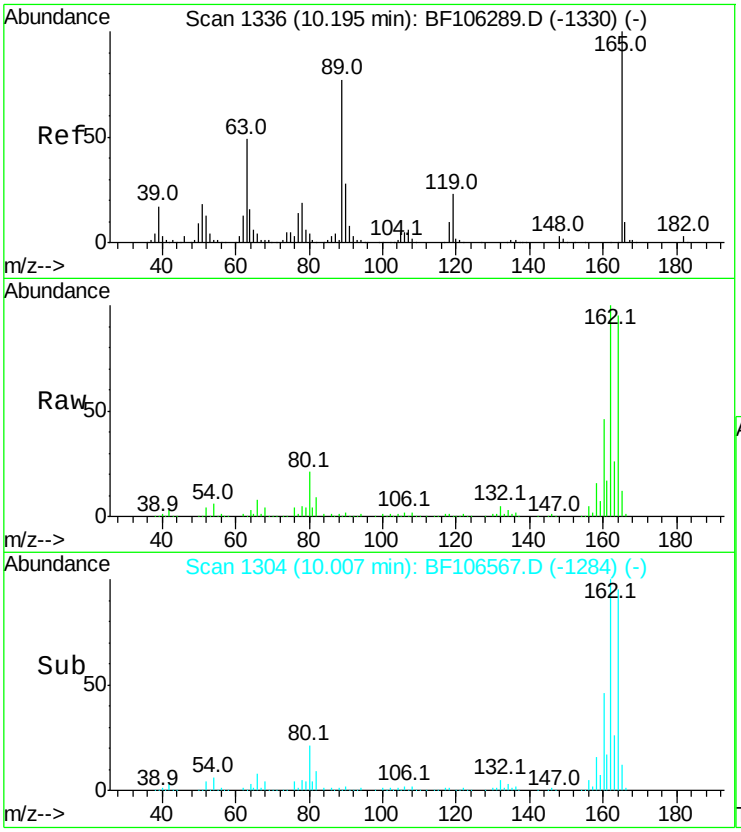


#50
2,6-Dinitrotoluene
Concen: 8.928 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.22 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion:165 Resp: 20298

Ion	Ratio	Lower	Upper
165	100		
63	2.8	44.7	67.1#
89	2.6	44.0	66.0#



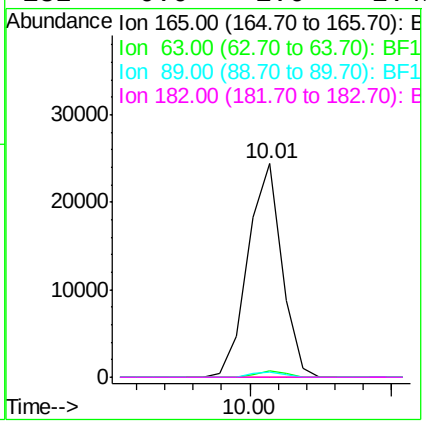


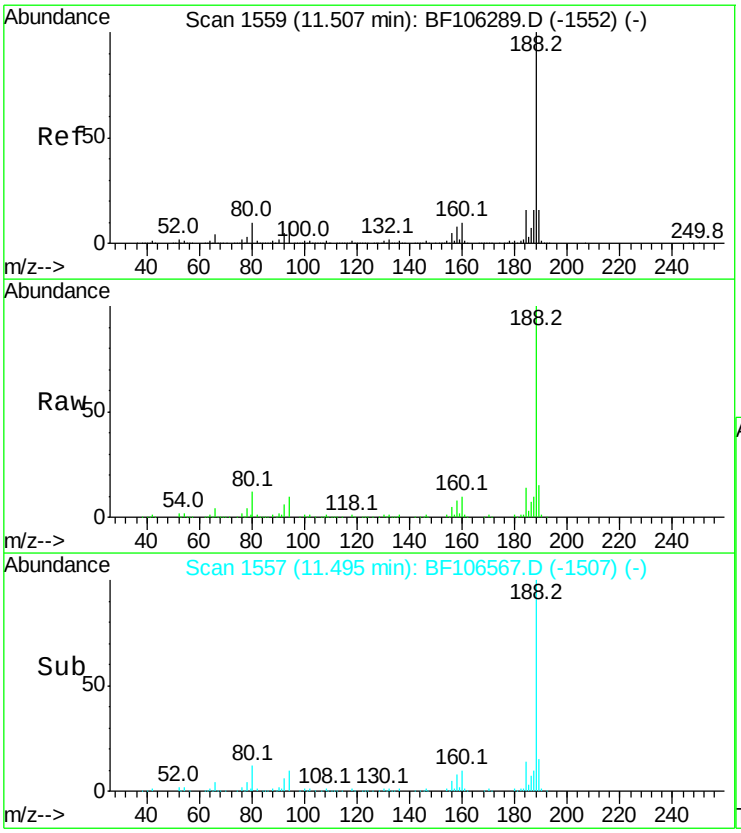
#56
2,4-Dinitrotoluene
Concen: 7.109 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20298

Ion	Ratio	Lower	Upper
165	100		
63	2.8	36.4	54.6#
89	2.6	57.8	86.6#
182	0.0	1.6	2.4#

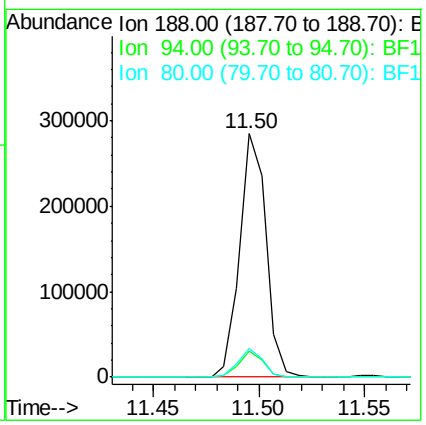


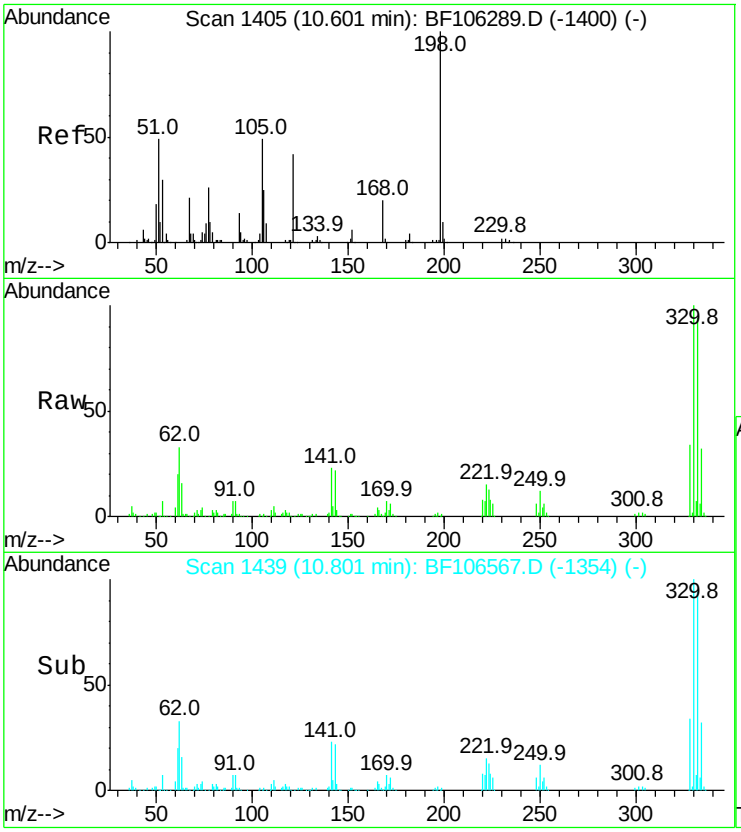


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion:188 Resp: 246224

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.6	9.2	13.8



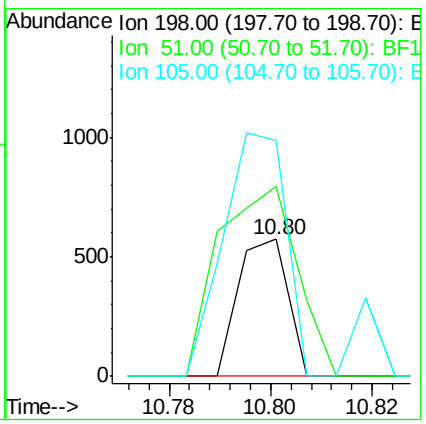


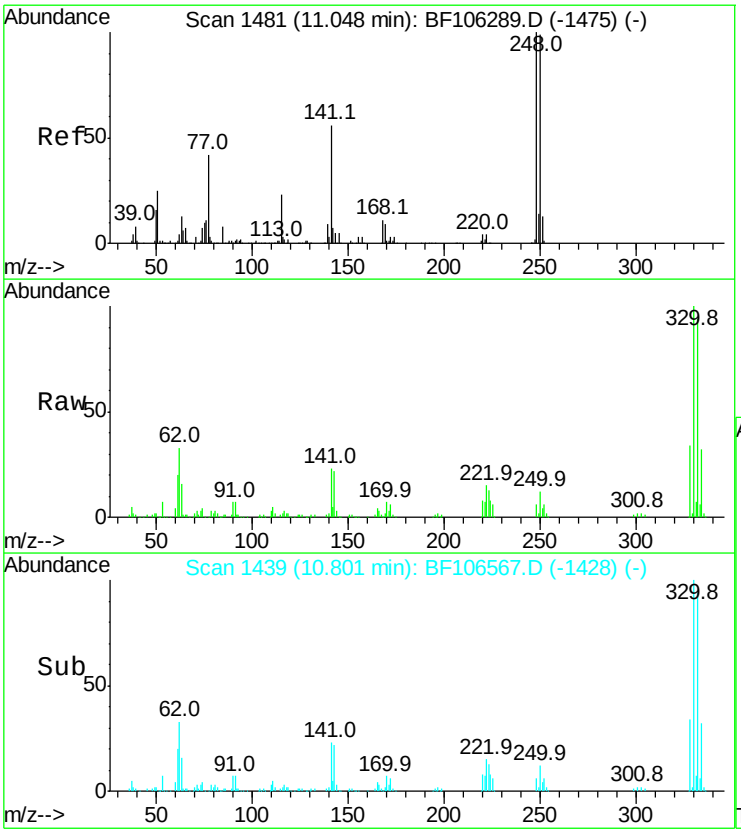
#64
4,6-Dinitro-2-methylphenol
Concen: 6.549 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 388

Ion	Ratio	Lower	Upper
198	100		
51	138.9	37.7	77.7#
105	172.6	36.3	76.3#

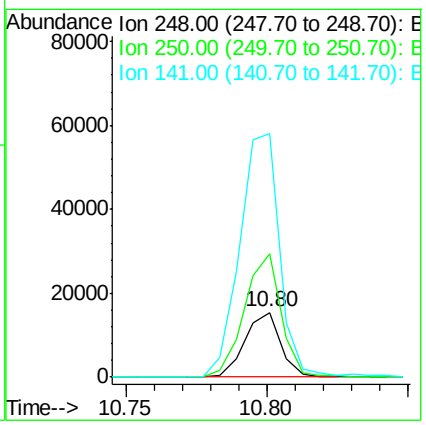


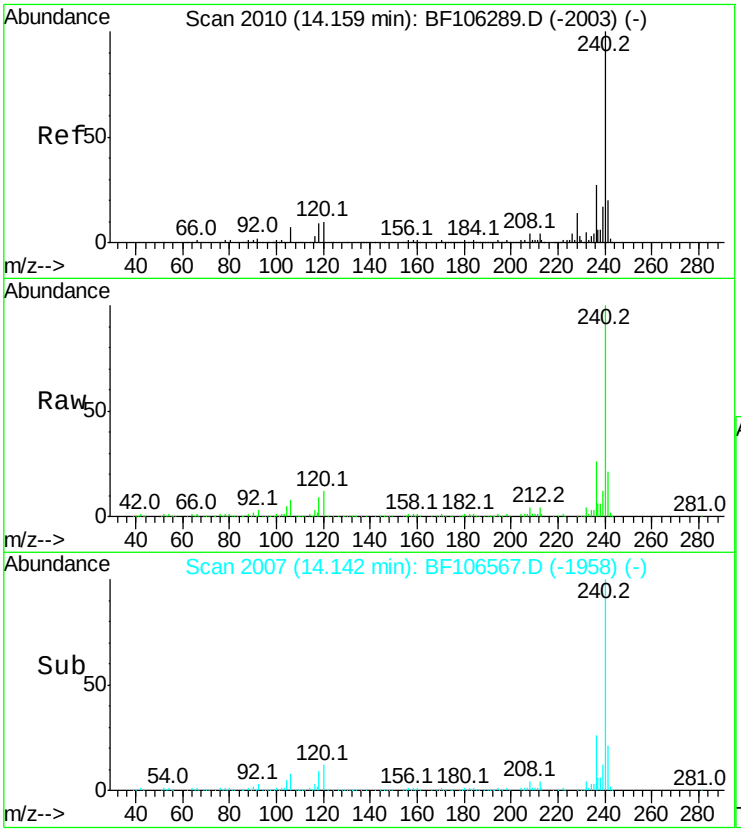


#66
4-Bromophenyl-phenylether
Concen: 4.840 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion:248 Resp: 13554

Ion	Ratio	Lower	Upper
248	100		
250	191.9	76.9	115.3#
141	377.9	74.4	111.6#



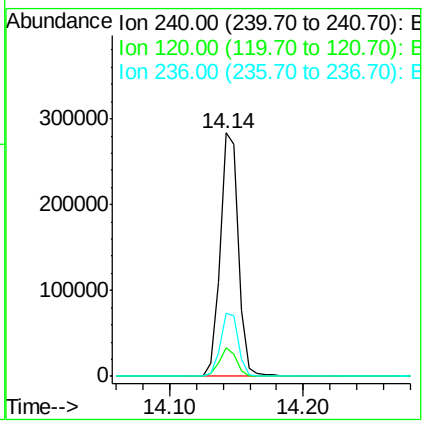


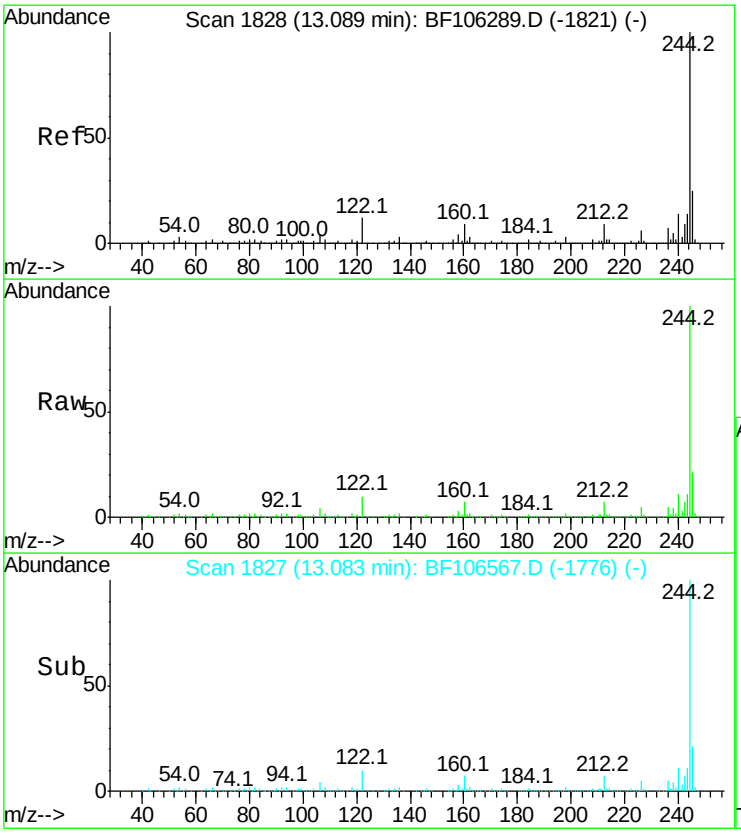
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 273131

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.8	20.7	31.1

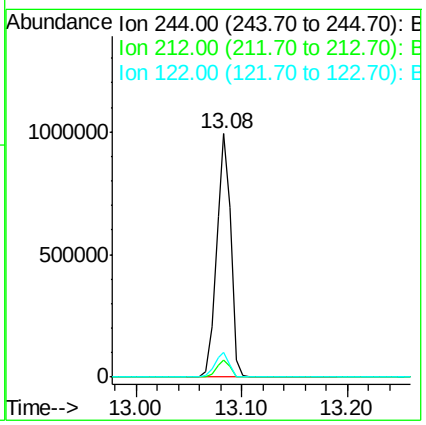


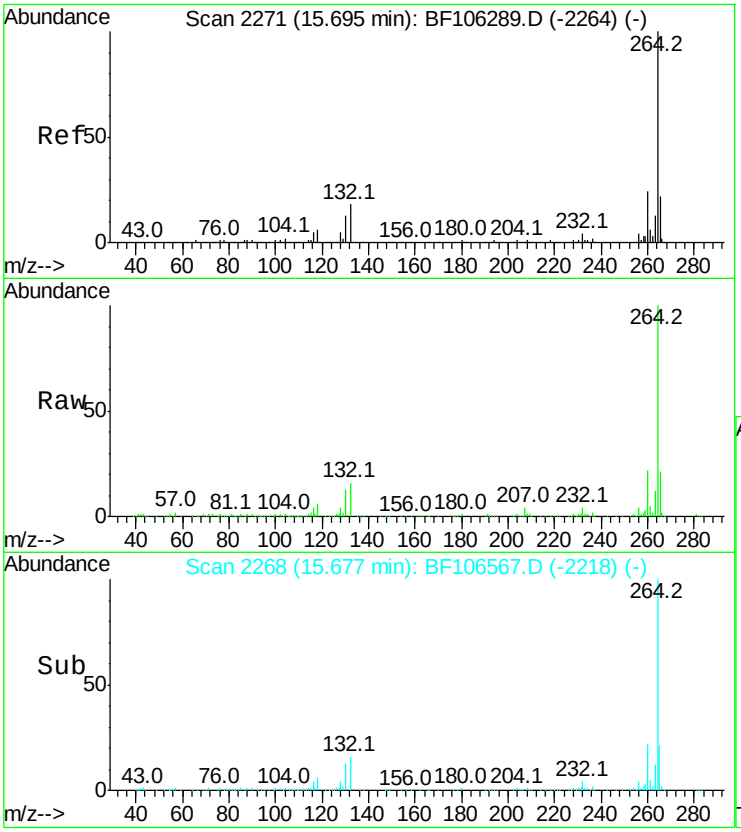


#78
Terphenyl-d14
Concen: 85.084 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion:244 Resp: 935628

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 243544

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.3	17.5	26.3