Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106535.D
Acq On : 18 Jun 2018 13:45
Operator : JU/SJ
Sample : J3485-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDW-GW-06132018

Quant Time: Jun 19 01:06:26 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	122968	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	456912	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	219813	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	411803	20.00	ng		0.00
75) Chrysene-d12	14.16	240	260542	20.00	ng		0.00
86) Perylene-d12	15.71	264	267887	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	397511	54.71	ng		0.00
7) Phenol-d6	6.61	99	312530	34.05	ng		0.00
23) Nitrobenzene-d5	7.53	82	671171	86.41	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	283925	134.24	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1122167	93.54	ng		0.00
78) Terphenyl-d14	13.09	244	1041942	99.33	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	93133	13.524	ng	#	75
25) Isophorone	7.53	82	667736	44.016	ng	#	64
32) Benzoic acid	8.02	122	124	7.311	ng	#	75
36) 4-Chloro-3-methylphenol	8.81	107	14078	2.054	ng	#	20
49) Dimethylphthalate	9.71	163	92891	5.915	ng		98
51) Acenaphthene	9.96	154	40967	3.042	ng	#	28
53) 2,4-Dinitrophenol	10.15	184	728	9.055	ng	#	1
55) 4-Nitrophenol	9.97	139	79163	27.126	ng	#	15
64) 4,6-Dinitro-2-methylphenol	10.62	198	363	6.437	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	18488	3.947	ng	#	1

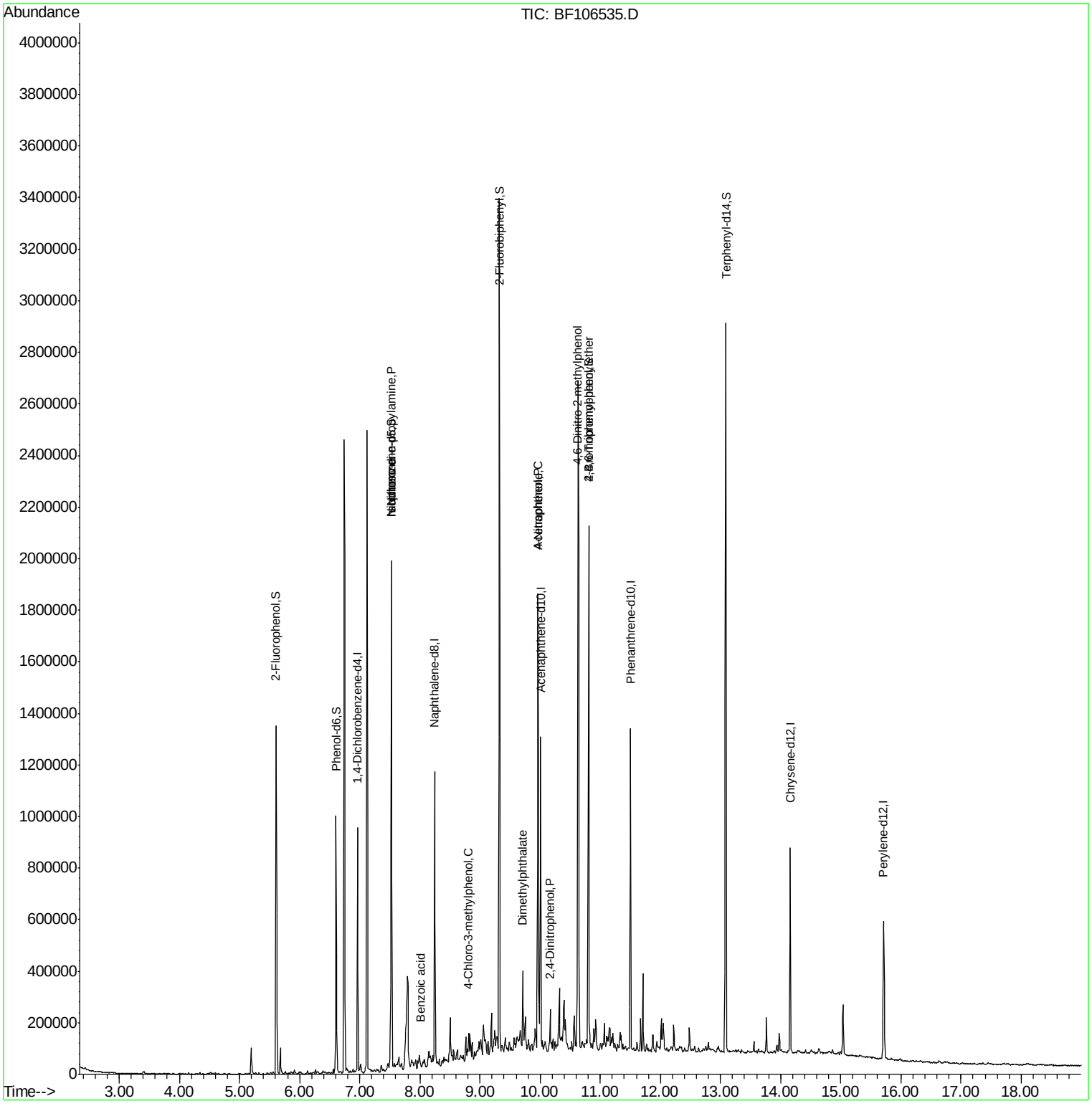
(#) = qualifier out of range (m) = manual integration (+) = signals summed

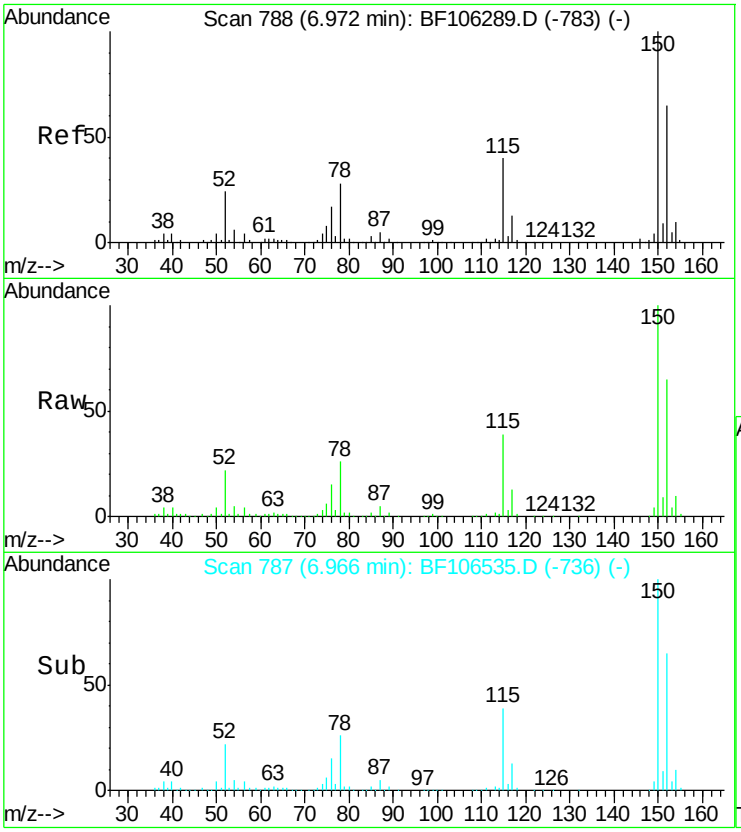
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106535.D
Acq On : 18 Jun 2018 13:45
Operator : JU/SJ
Sample : J3485-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Quant Time: Jun 19 01:06:26 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



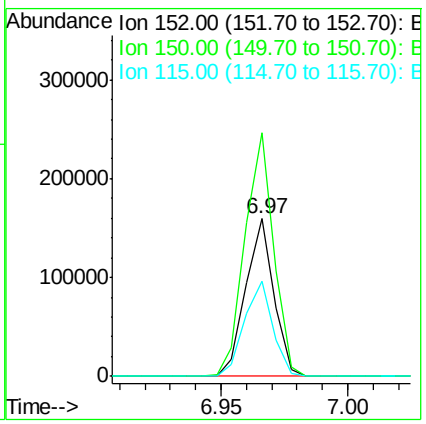


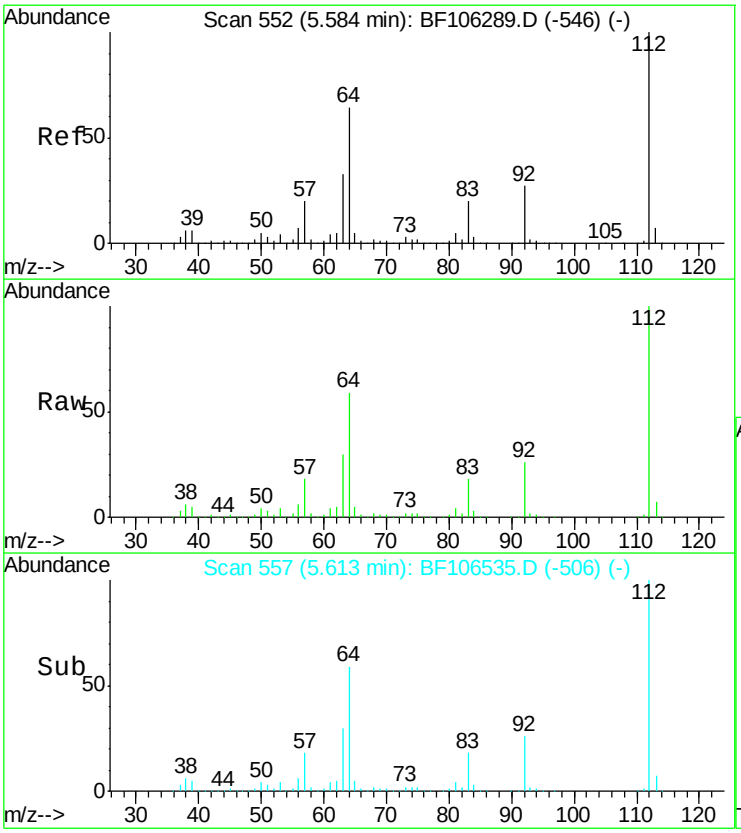
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Tgt Ion:152 Resp: 122968

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	60.4	50.1	75.1

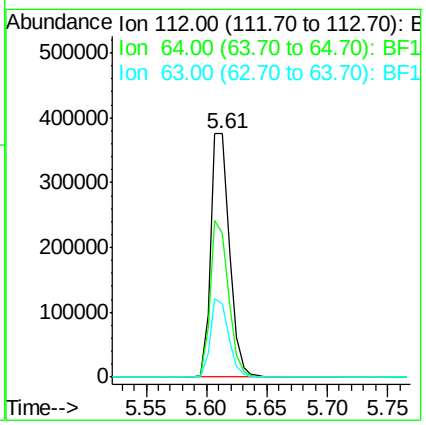


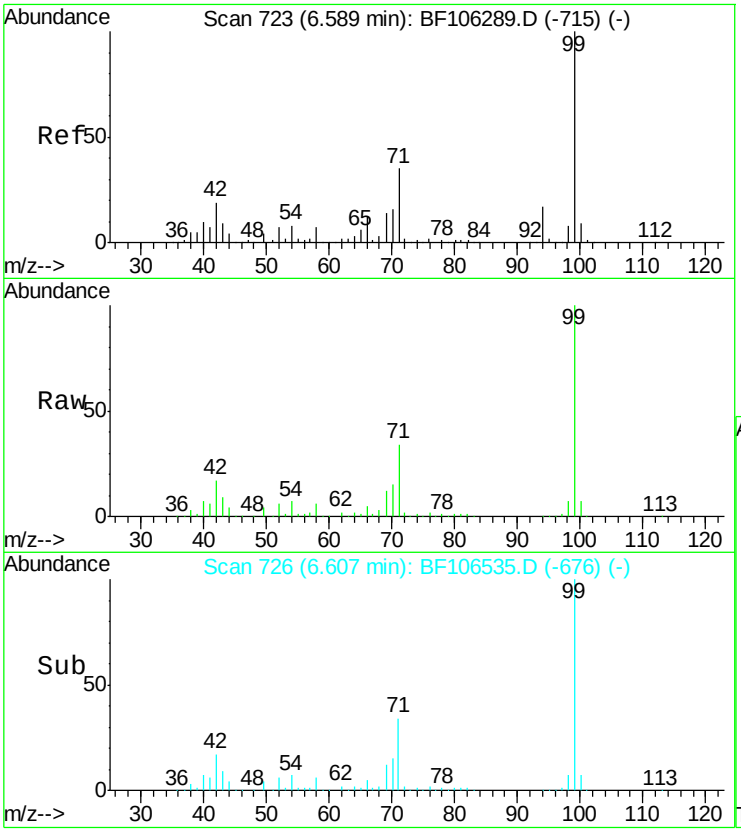


#5
2-Fluorophenol
Concen: 54.712 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Tgt Ion:112 Resp: 397511

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.0	23.7	35.5



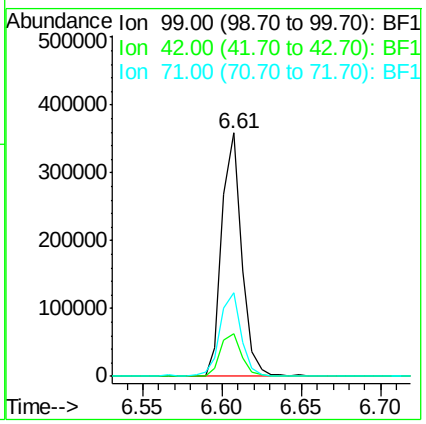


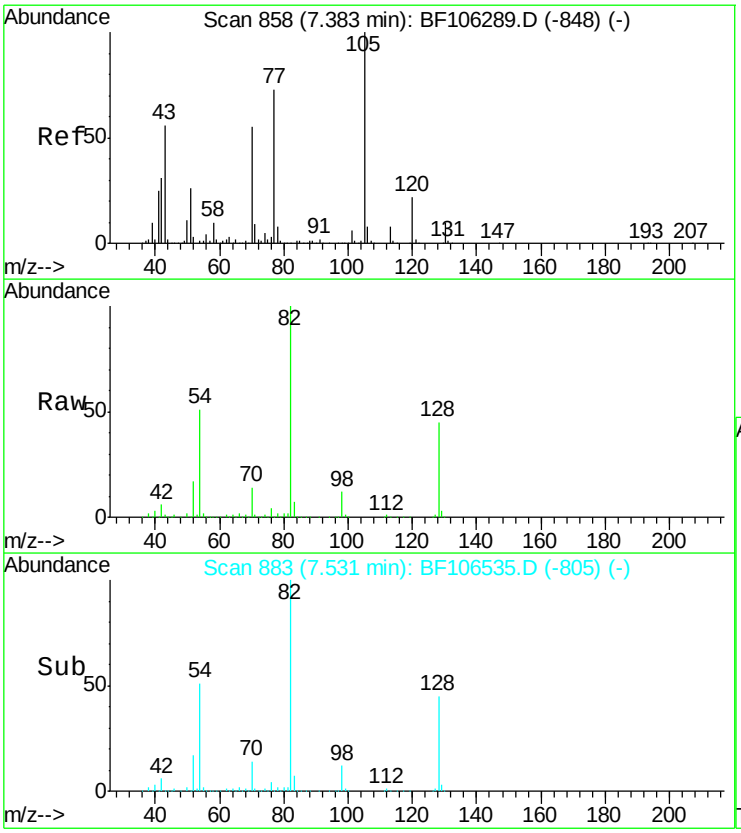
#7
Phenol-d6
Concen: 34.047 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Tgt Ion: 99 Resp: 312530

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	34.3	25.4	38.0

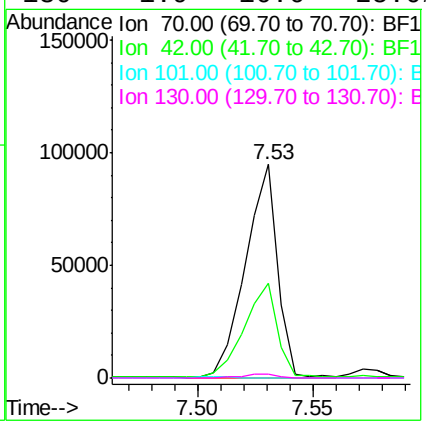


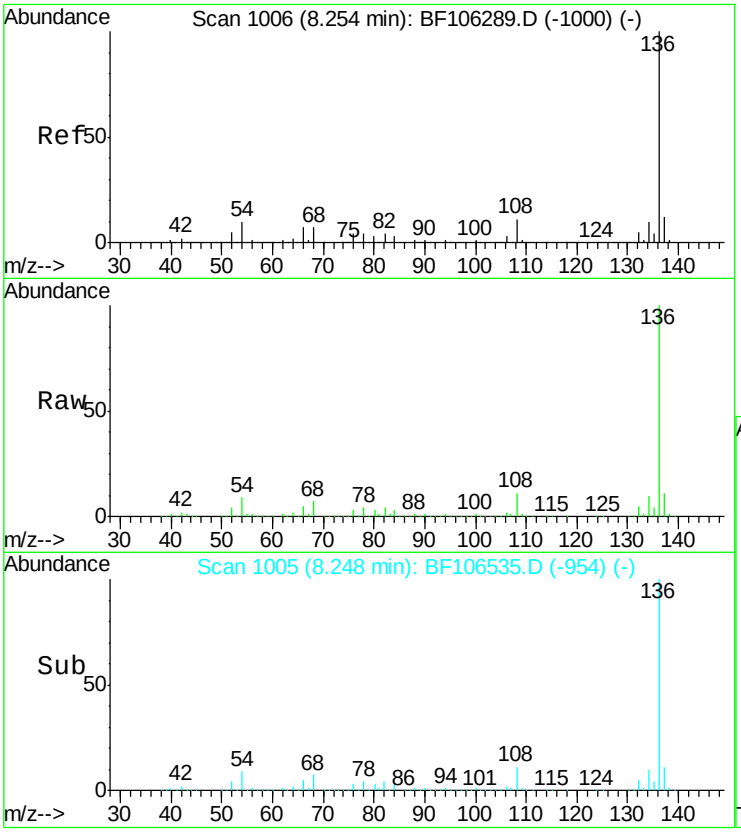


#19
n-Nitroso-di-n-propylamine
Concen: 13.524 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Tgt Ion: 70 Resp: 93133

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



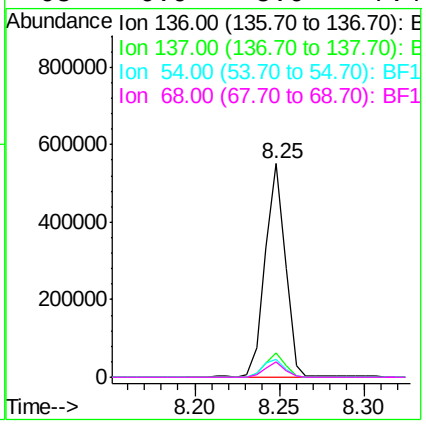


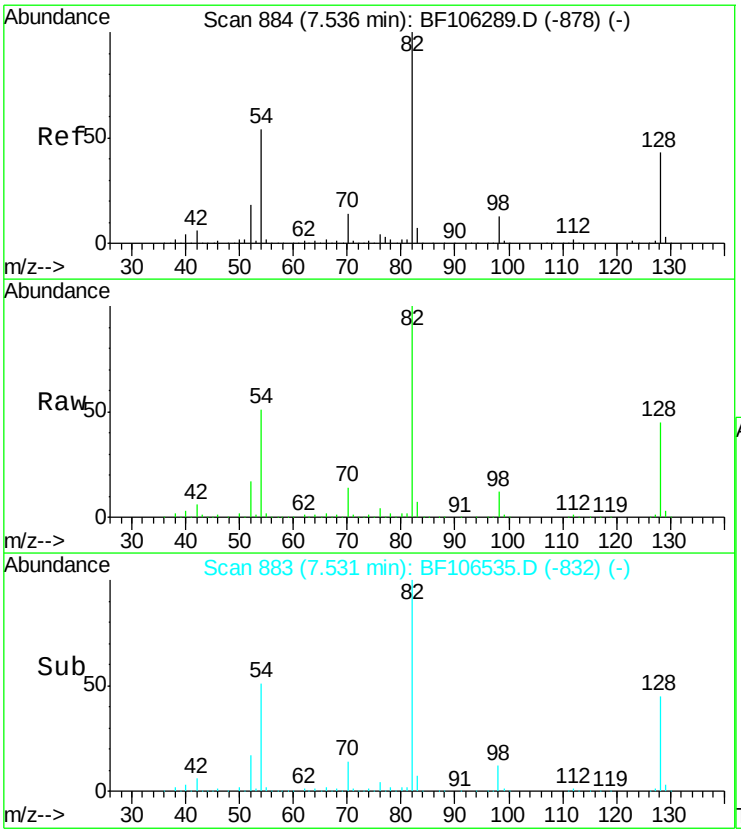
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Tgt Ion:136 Resp: 456912

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.7	6.6	9.8
68	6.9	5.0	7.4

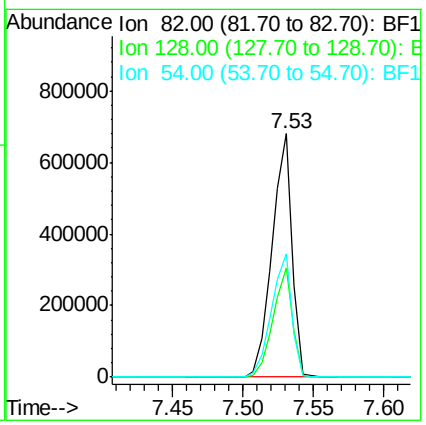


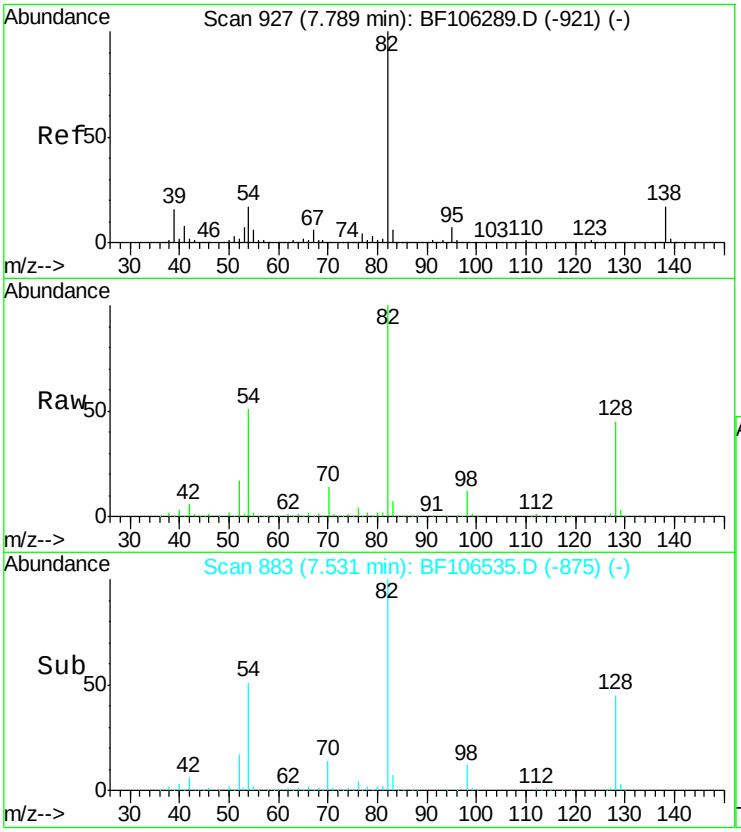


#23
Nitrobenzene-d5
Concen: 86.415 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Tgt Ion: 82 Resp: 671171

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	50.6	41.4	62.2



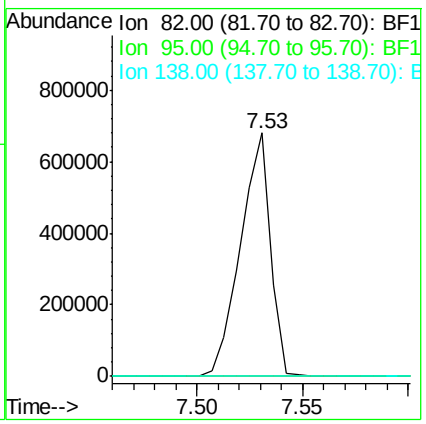


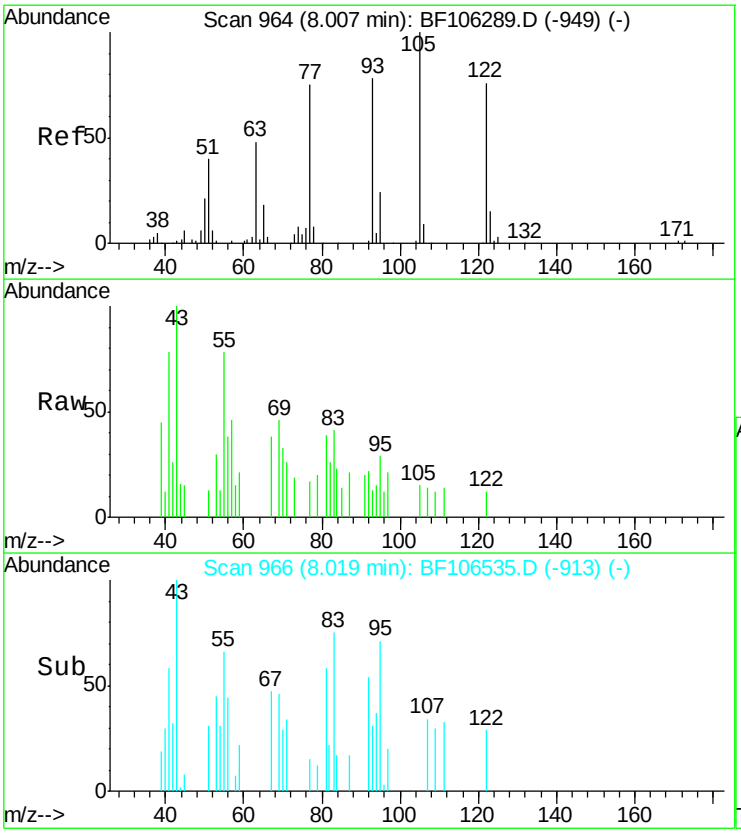
#25
Isophorone
Concen: 44.016 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Tgt Ion: 82 Resp: 667736

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

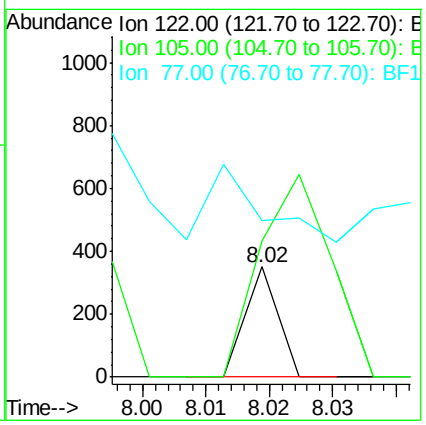


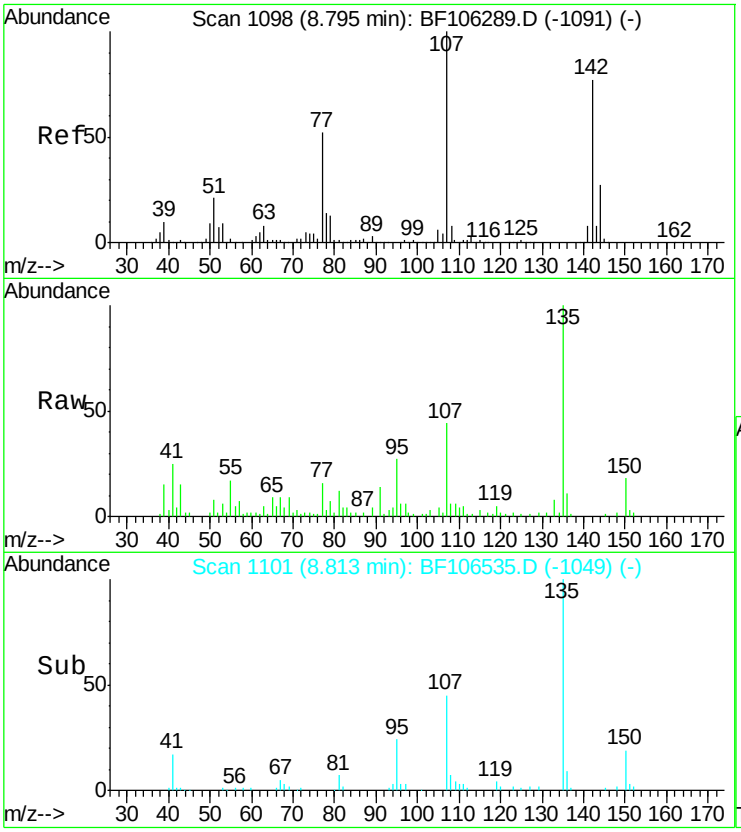


#32
Benzoic acid
Concen: 7.311 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Tgt Ion:122 Resp: 124

Ion	Ratio	Lower	Upper
122	100		
105	123.7	101.1	141.1
77	142.9	70.7	110.7#



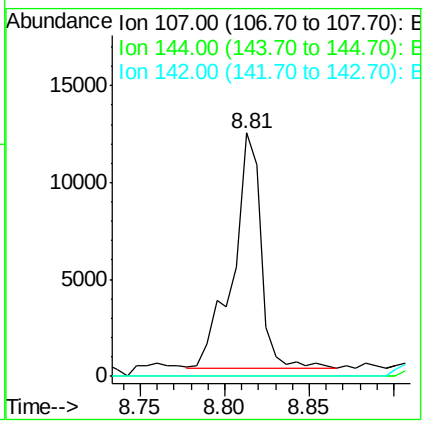


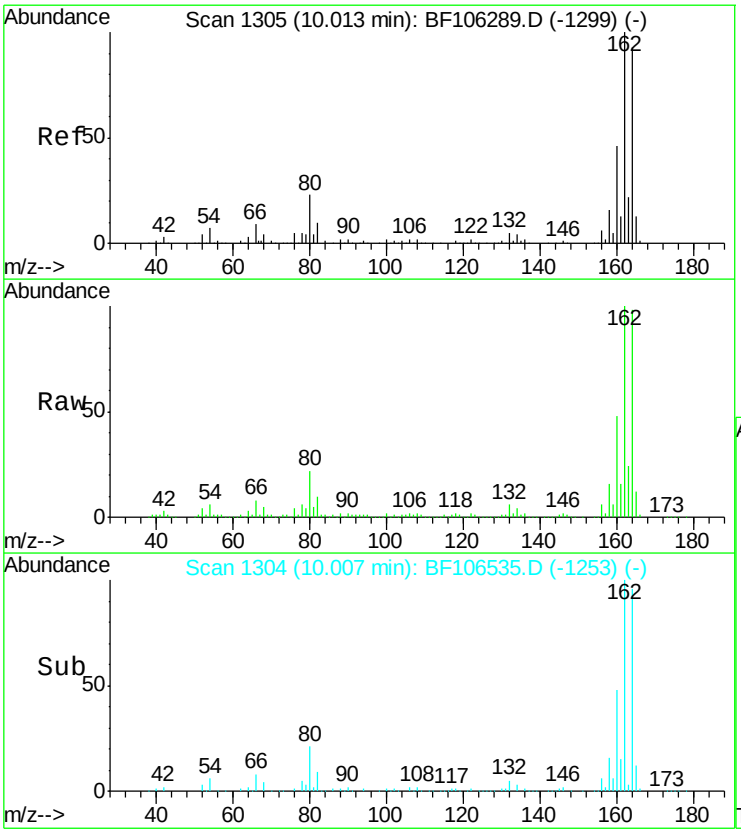
#36
4-Chloro-3-methylphenol
Concen: 2.054 ng
RT: 8.81 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Tgt Ion:107 Resp: 14078

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	62.0	93.0#

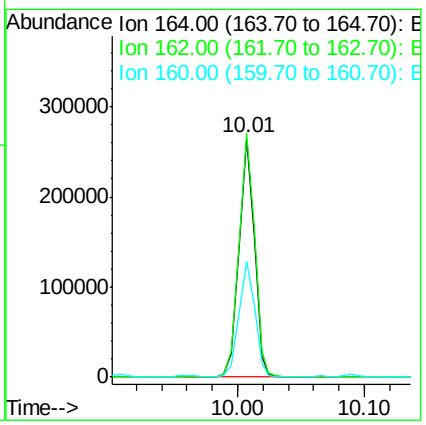


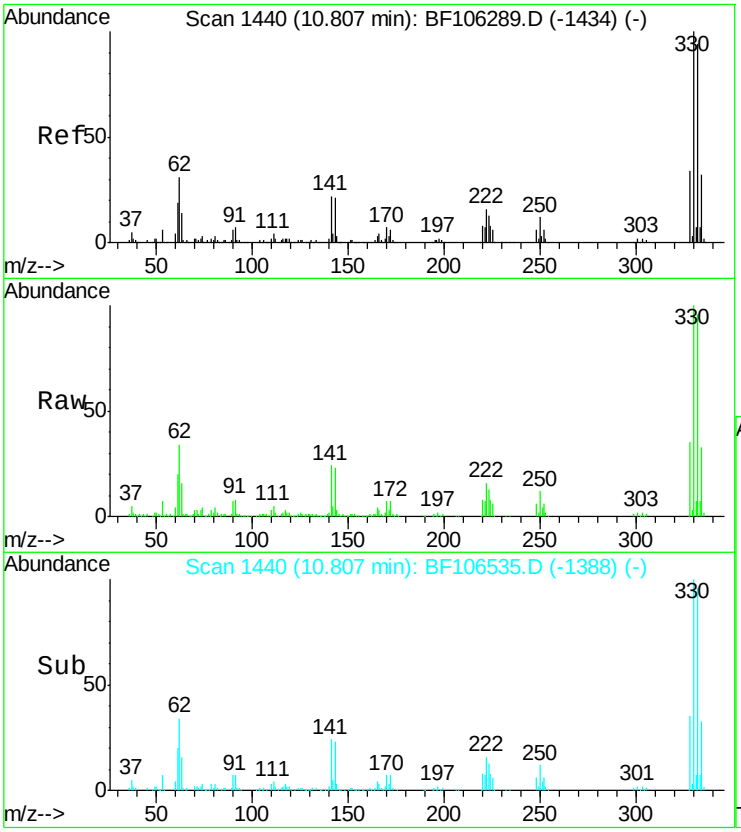


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Tgt Ion:164 Resp: 219813

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	48.5	38.3	57.5



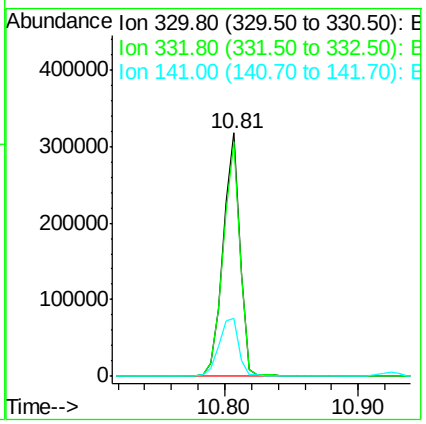


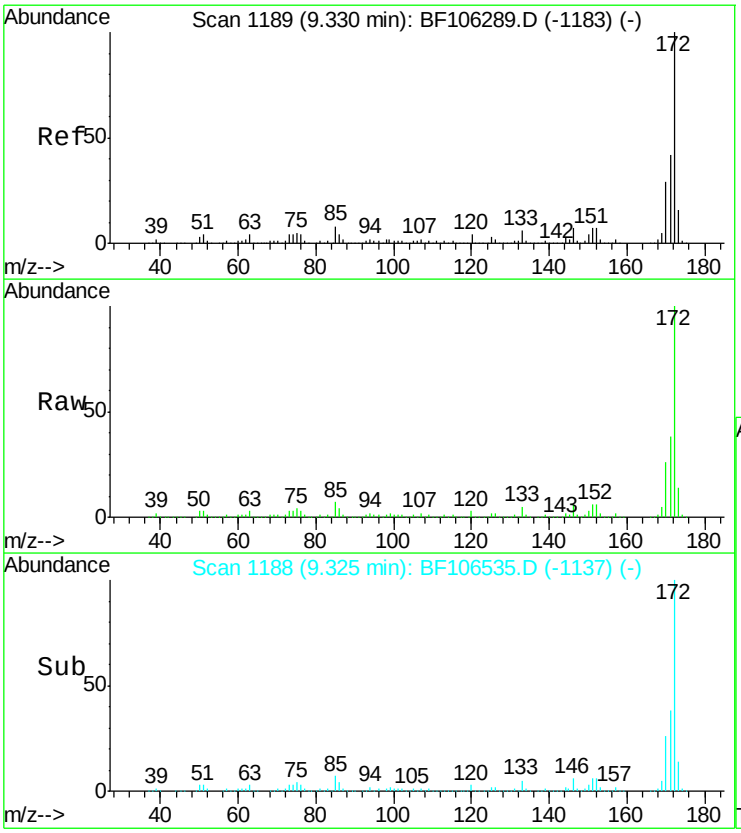
#41
2,4,6-Tribromophenol
Concen: 134.245 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Tgt Ion:330 Resp: 283925

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	28.0	29.9	44.9#

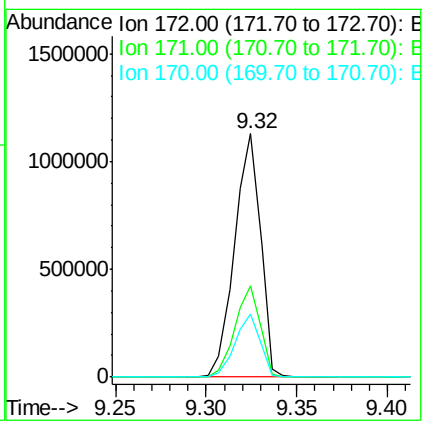


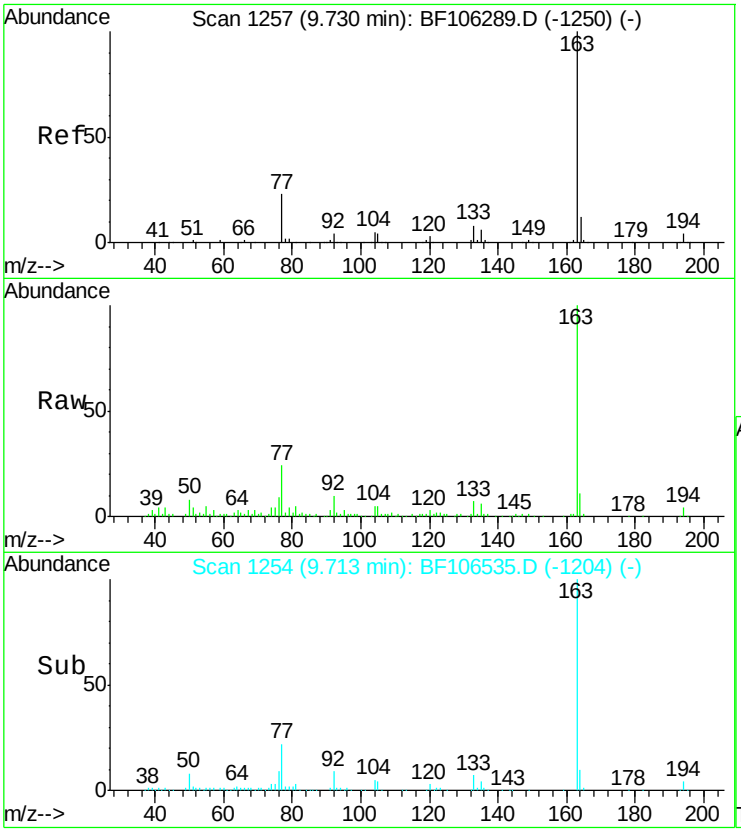


#44
2-Fluorobiphenyl
Concen: 93.542 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Tgt Ion:172 Resp: 1122167

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



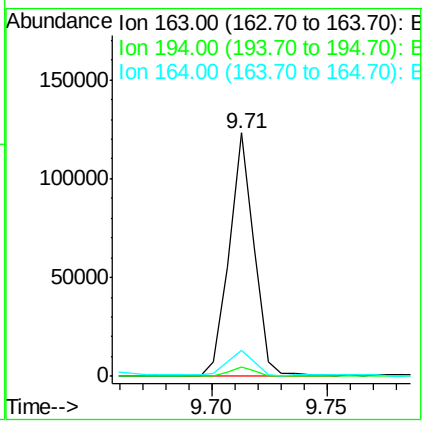


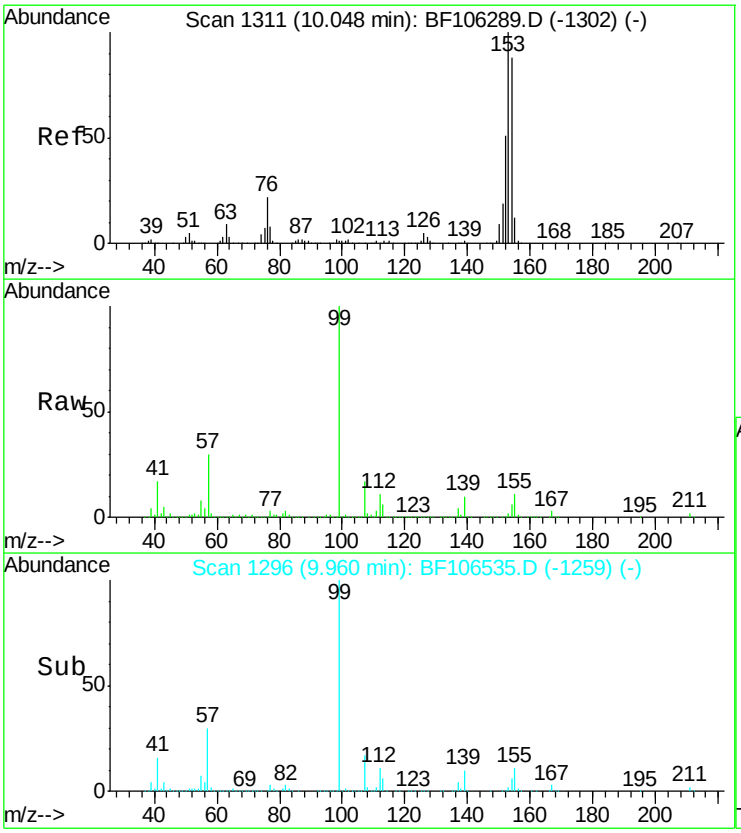
#49
Dimethylphthalate
Concen: 5.915 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Tgt Ion:163 Resp: 92891

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.9	8.2	12.2

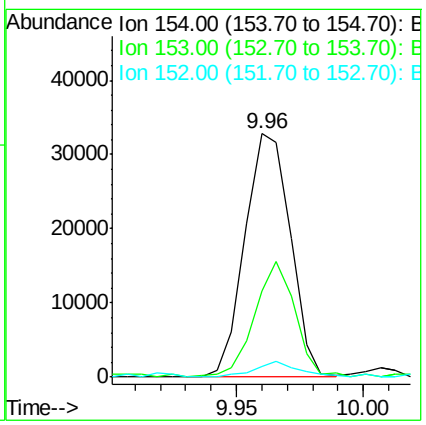


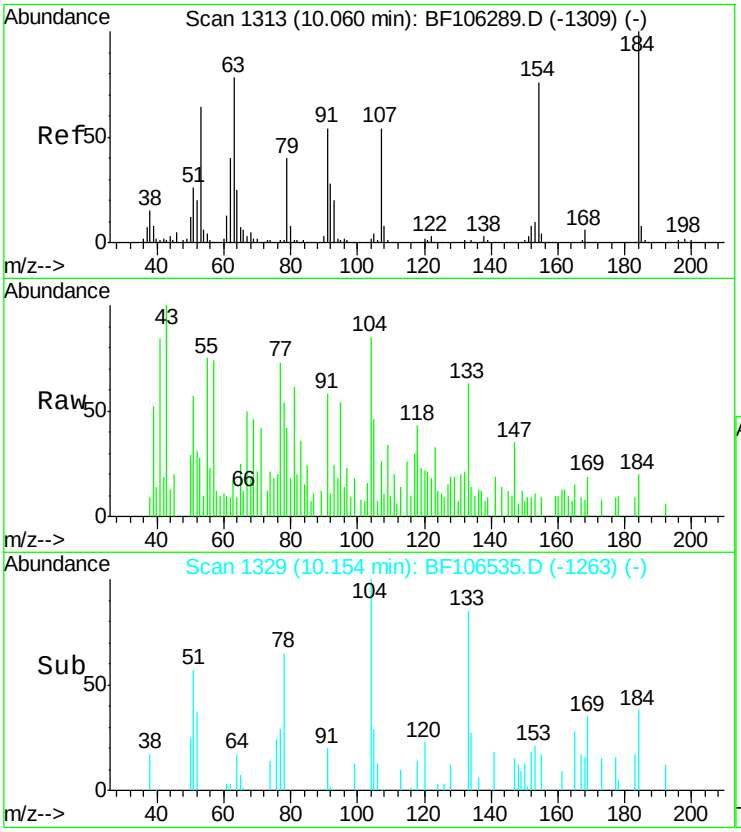


#51
Acenaphthene
Concen: 3.042 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.08 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Tgt Ion:154 Resp: 40967

Ion	Ratio	Lower	Upper
154	100		
153	35.2	91.2	136.8#
152	4.1	43.8	65.8#



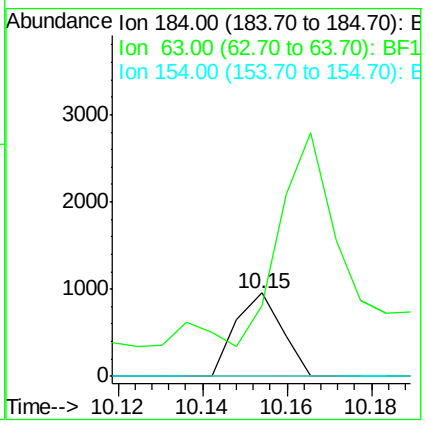


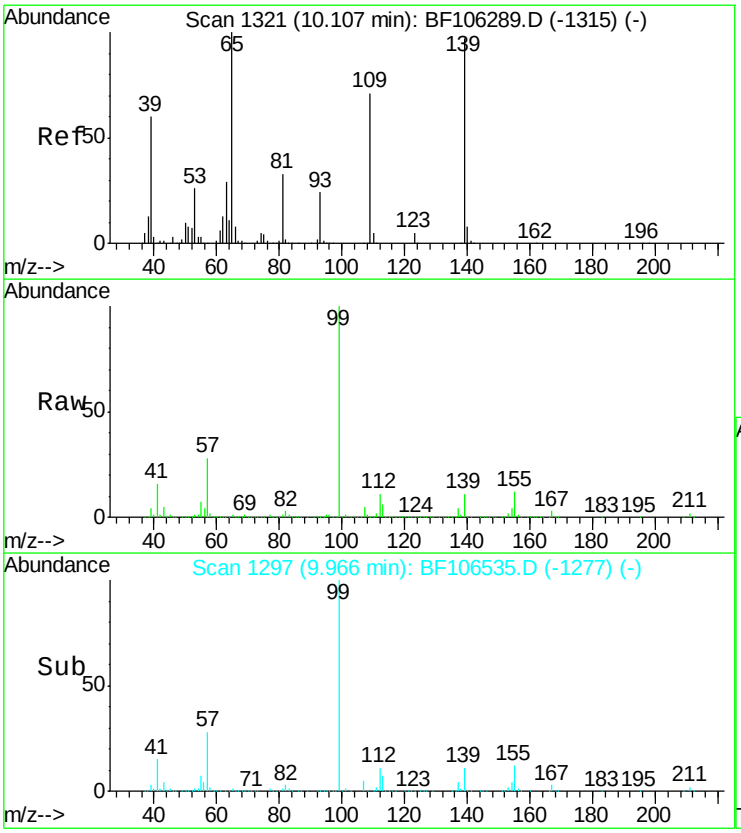
#53
2,4-Dinitrophenol
Concen: 9.055 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.09 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Tgt Ion:184 Resp: 728

Ion	Ratio	Lower	Upper
184	100		
63	85.6	54.2	81.2#
154	0.0	184.0	276.0#

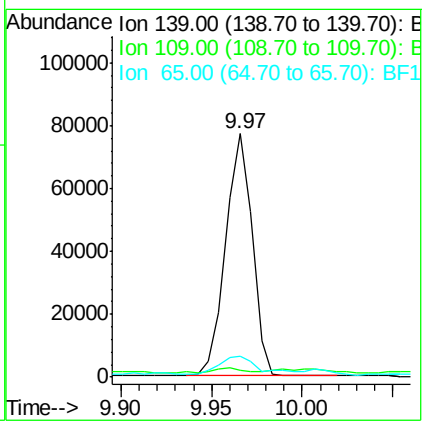


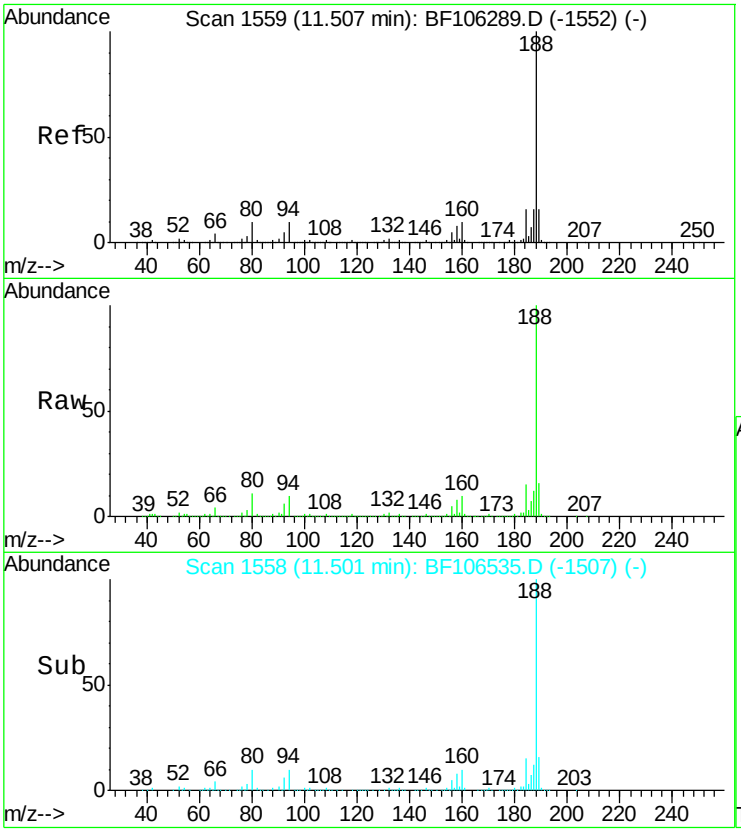


#55
4-Nitrophenol
Concen: 27.126 ng
RT: 9.97 min Scan# 1297
Delta R.T. -0.18 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Tgt Ion:139 Resp: 79163

Ion	Ratio	Lower	Upper
139	100		
109	2.6	48.4	88.4#
65	8.7	72.6	112.6#



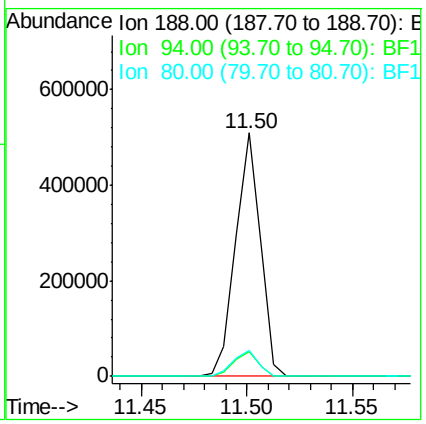


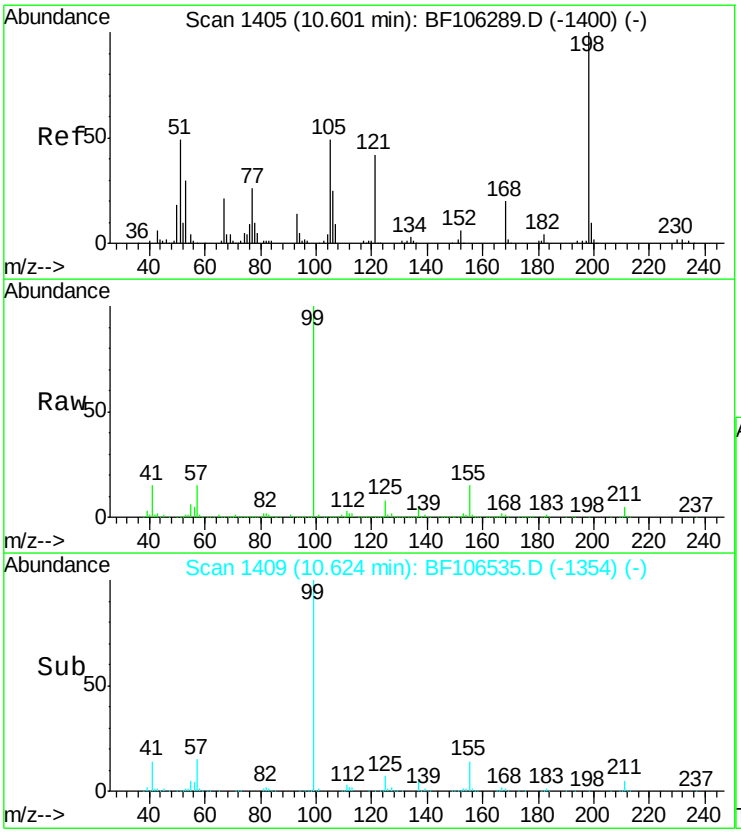
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Tgt Ion:188 Resp: 411803

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.6	9.2	13.8

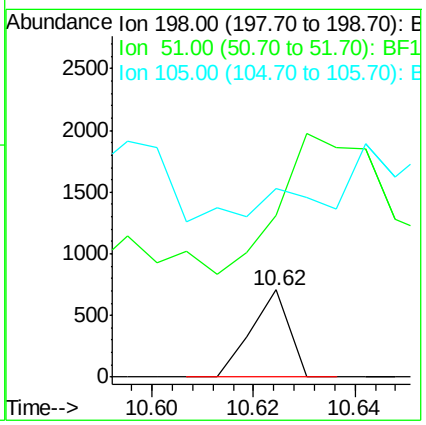


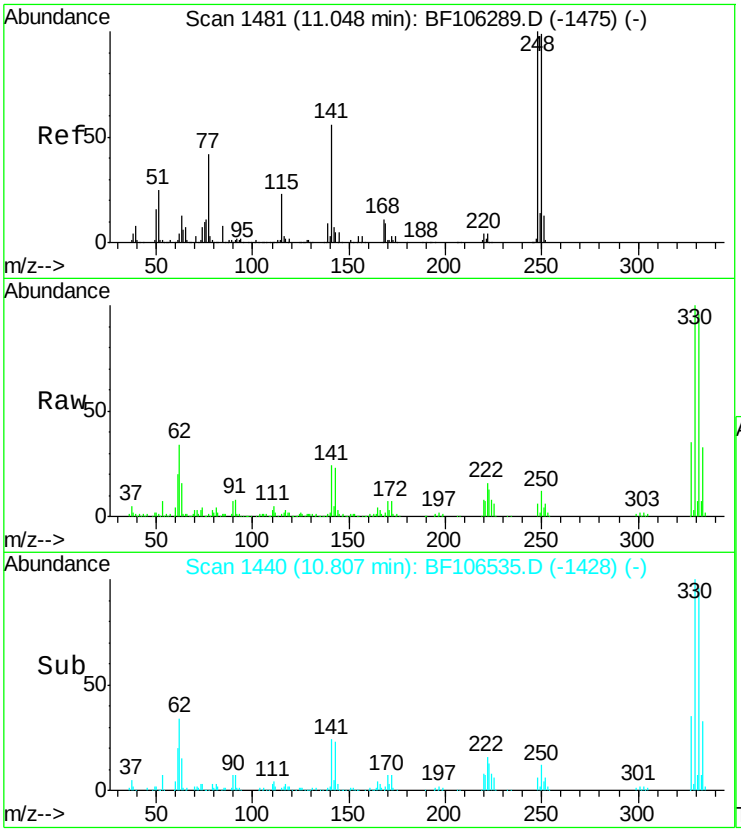


#64
4,6-Dinitro-2-methylphenol
Concen: 6.437 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.02 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Tgt Ion:198 Resp: 363

Ion	Ratio	Lower	Upper
198	100		
51	185.9	37.7	77.7#
105	215.8	36.3	76.3#



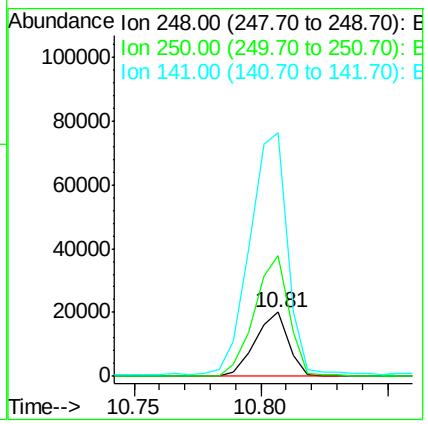


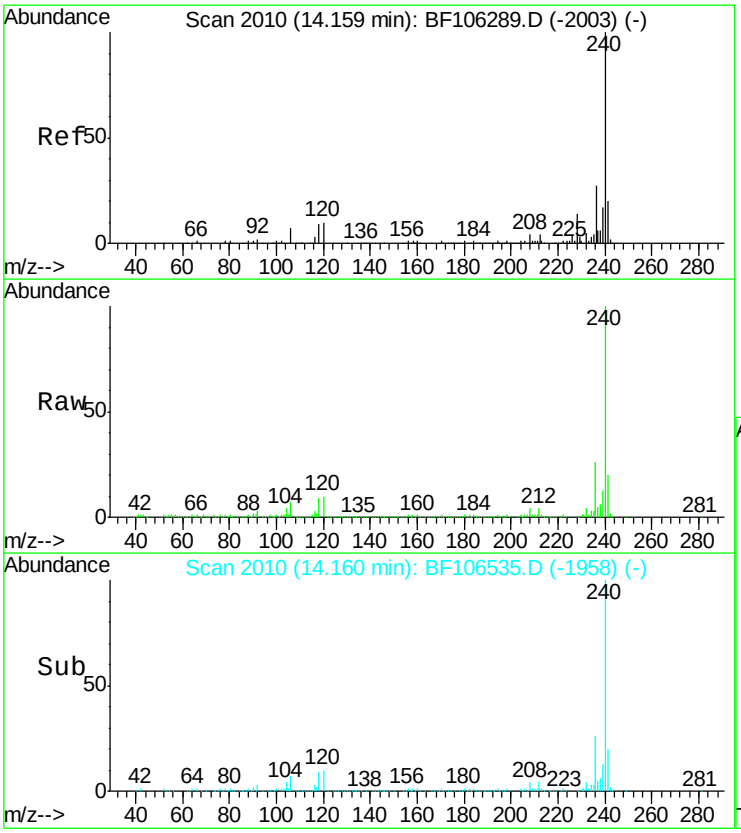
#66
4-Bromophenyl-phenylether
Concen: 3.947 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Tgt Ion:248 Resp: 18488

Ion	Ratio	Lower	Upper
248	100		
250	189.9	76.9	115.3#
141	381.2	74.4	111.6#

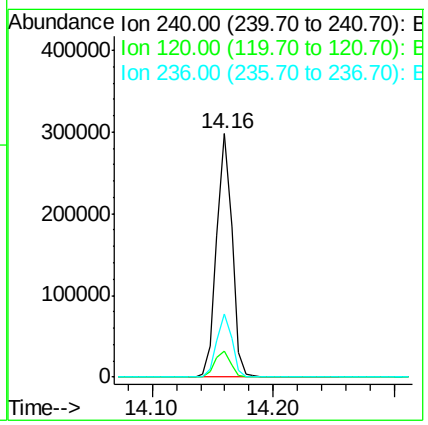


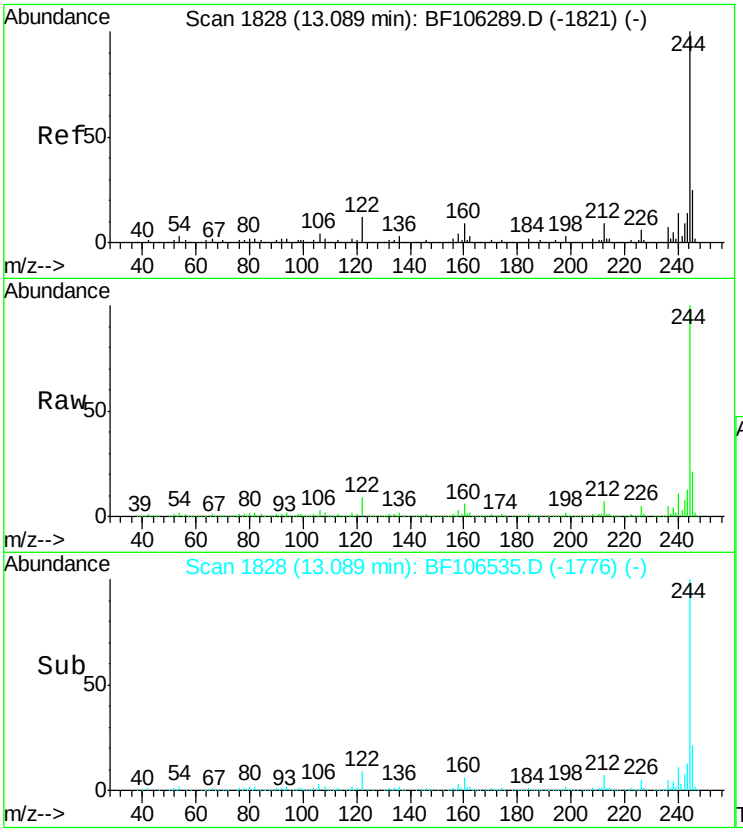


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Tgt Ion:240 Resp: 260542

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.1	20.7	31.1



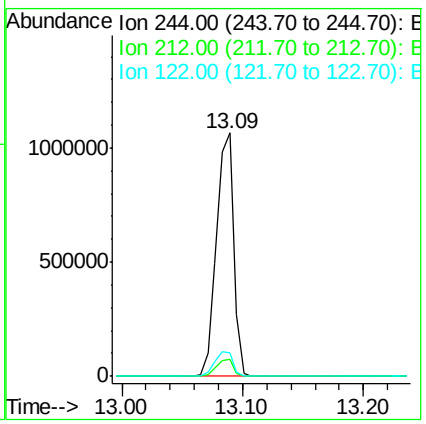


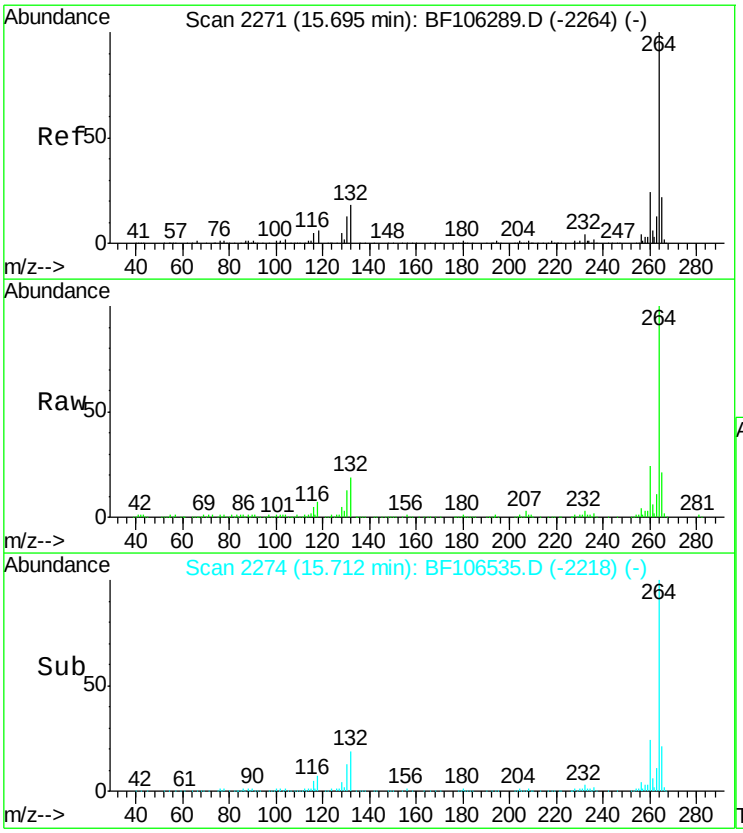
#78
Terphenyl-d14
Concen: 99.330 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Instrument :
BNA_F
ClientSampleId :
IDW-GW-06132018

Tgt Ion:244 Resp: 1041942

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.03 min
Lab File: BF106535.D
Acq: 18 Jun 2018 13:45

Tgt Ion:264 Resp: 267887

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.5	26.3