Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106426.D
Acq On : 14 Jun 2018 7:29
Operator : JU/SJ
Sample : J3396-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 08:32:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153888	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	587049	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	286178	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	525759	20.00	ng		0.00
75) Chrysene-d12	14.15	240	400725	20.00	ng		-0.01
86) Perylene-d12	15.68	264	374474	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	558304	61.40	ng		-0.01
7) Phenol-d6	6.61	99	448608	39.05	ng		-0.01
23) Nitrobenzene-d5	7.53	82	954057	95.61	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	424544	154.18	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1521848	99.57	ng		0.00
78) Terphenyl-d14	13.09	244	1414540	87.68	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	21381	2.454	ng		84
18) Hexachloroethane	7.50	117	14366	3.452	ng	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	132323	15.354	ng	#	74
25) Isophorone	7.53	82	951581	48.821	ng	#	64
32) Benzoic acid	7.95	122	350	7.338	ng	#	79
37) 2-Methylnaphthalene	9.06	142	78470	4.341	ng		94
49) Dimethylphthalate	9.71	163	97386	4.763	ng		99
53) 2,4-Dinitrophenol	10.28	184	119	8.669	ng	#	66
64) 4,6-Dinitro-2-methylphenol	10.50	198	122	6.332	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	26255	4.391	ng	#	1

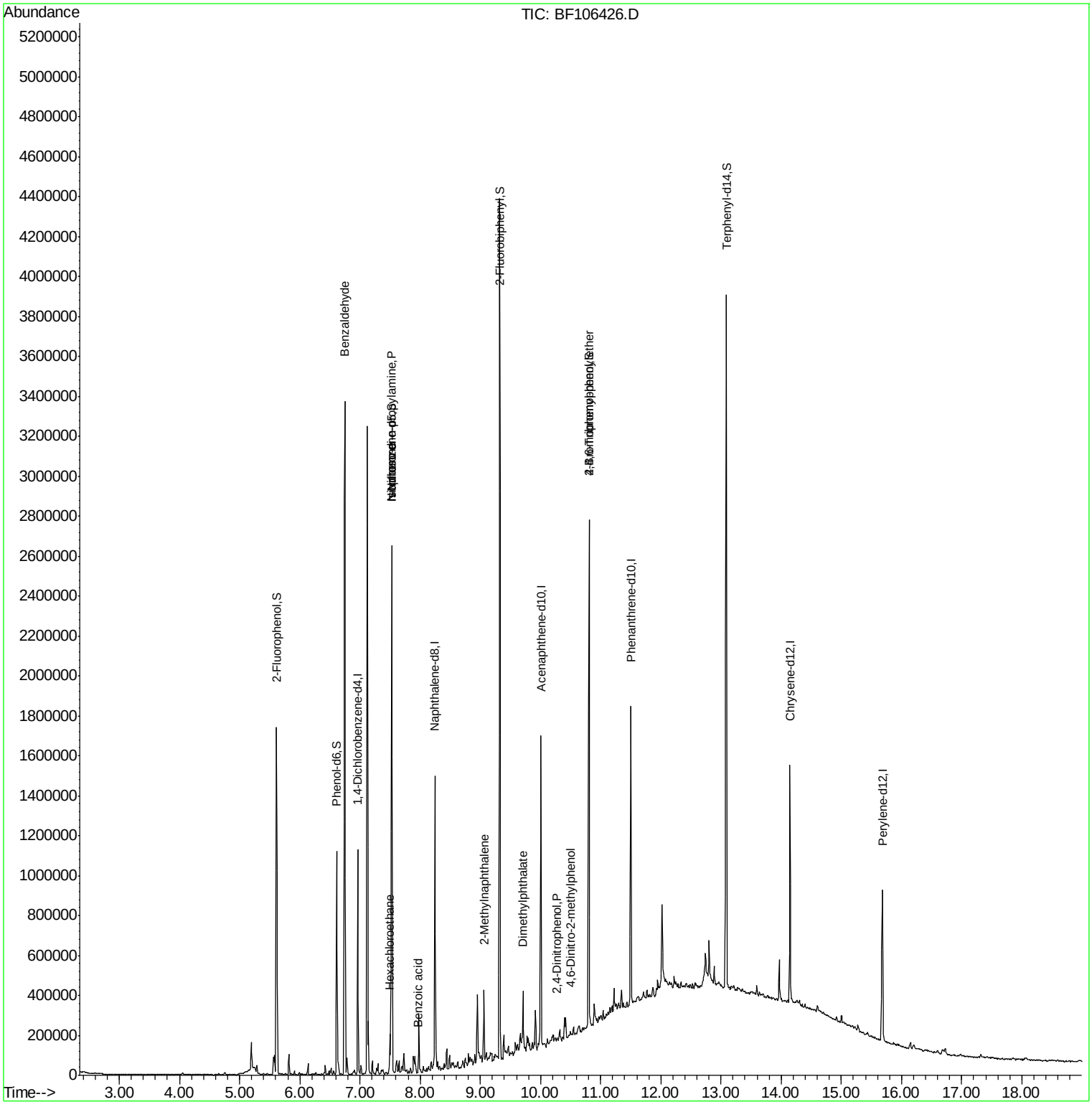
(#) = qualifier out of range (m) = manual integration (+) = signals summed

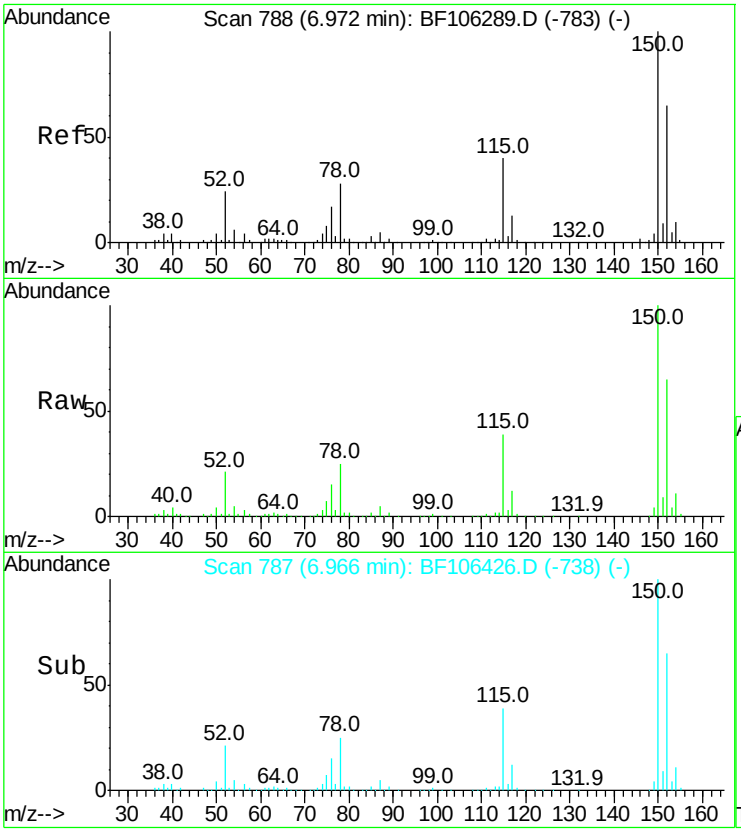
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106426.D
Acq On : 14 Jun 2018 7:29
Operator : JU/SJ
Sample : J3396-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 14 08:32:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration



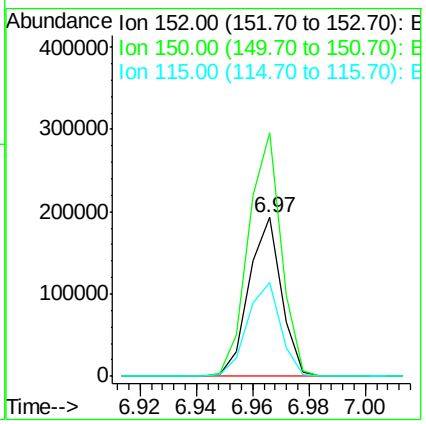


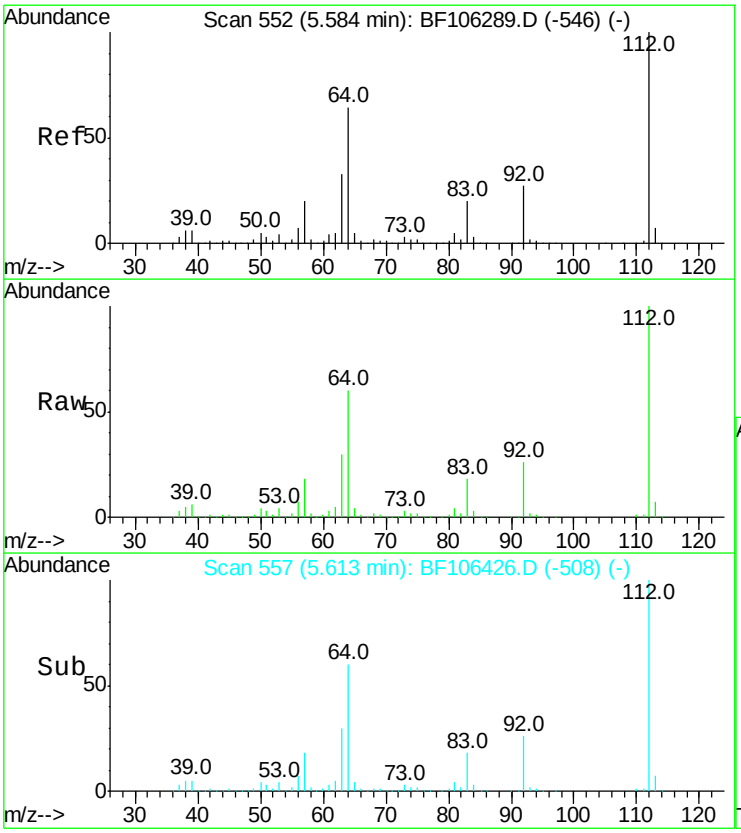
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 153888

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	59.1	50.1	75.1

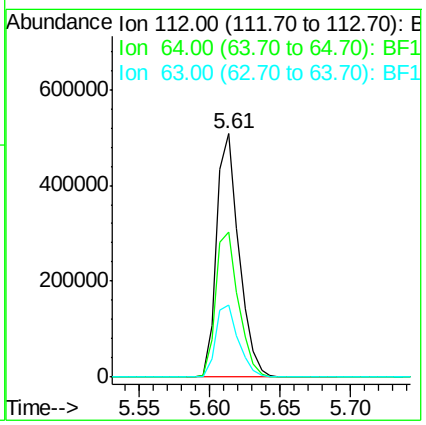


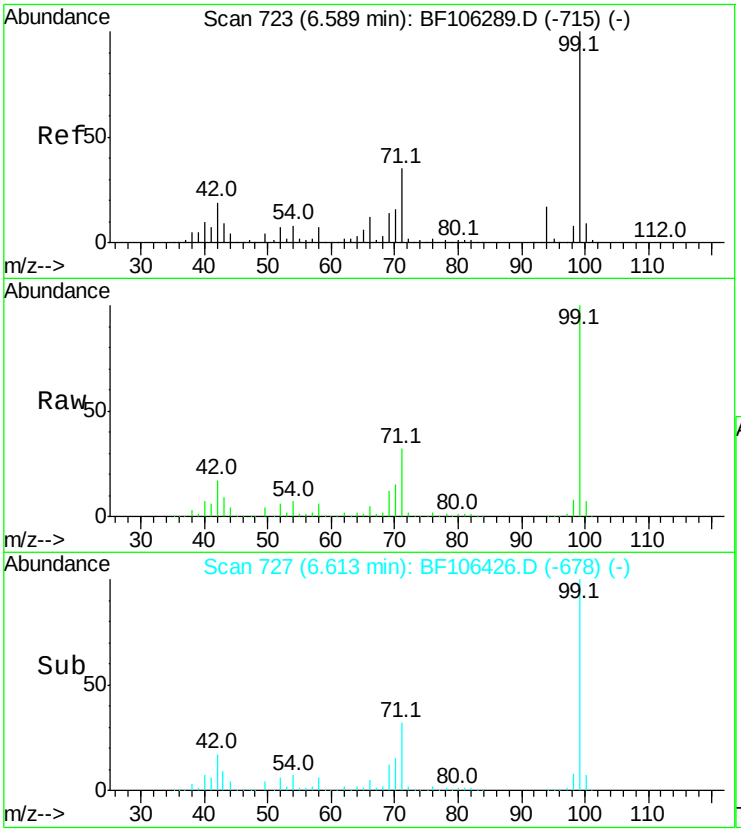


#5
2-Fluorophenol
Concen: 61.404 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion:112 Resp: 558304

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	29.6	23.7	35.5

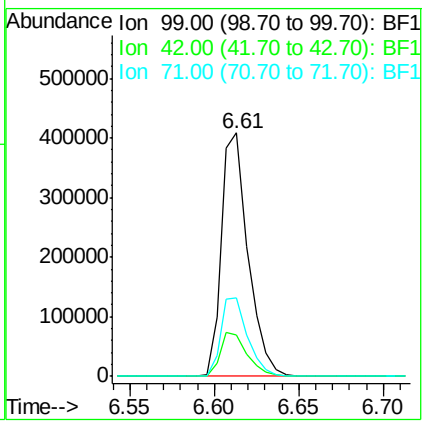




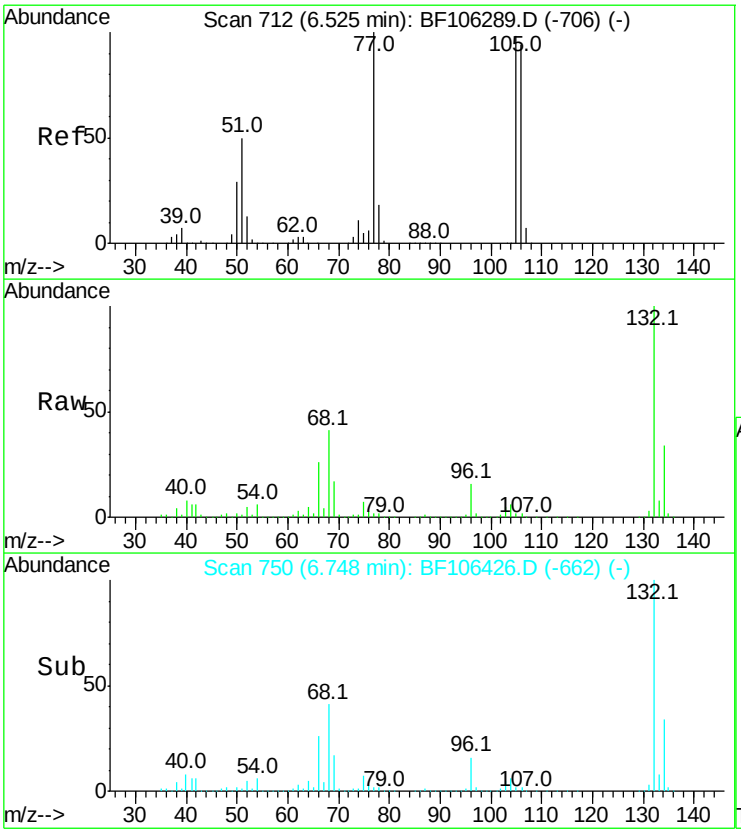
#7
Phenol-d6
Concen: 39.052 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion: 99 Resp: 448608

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.5	21.7
71	32.4	25.4	38.0



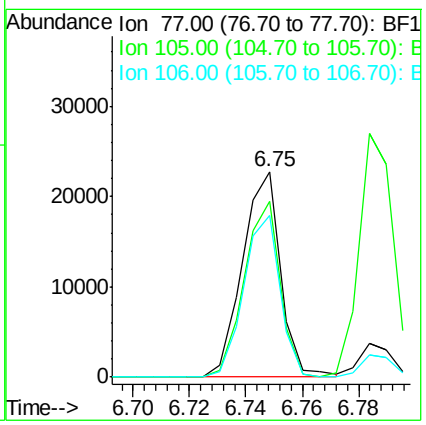
Instrument :
BNA_F
ClientSampleId :

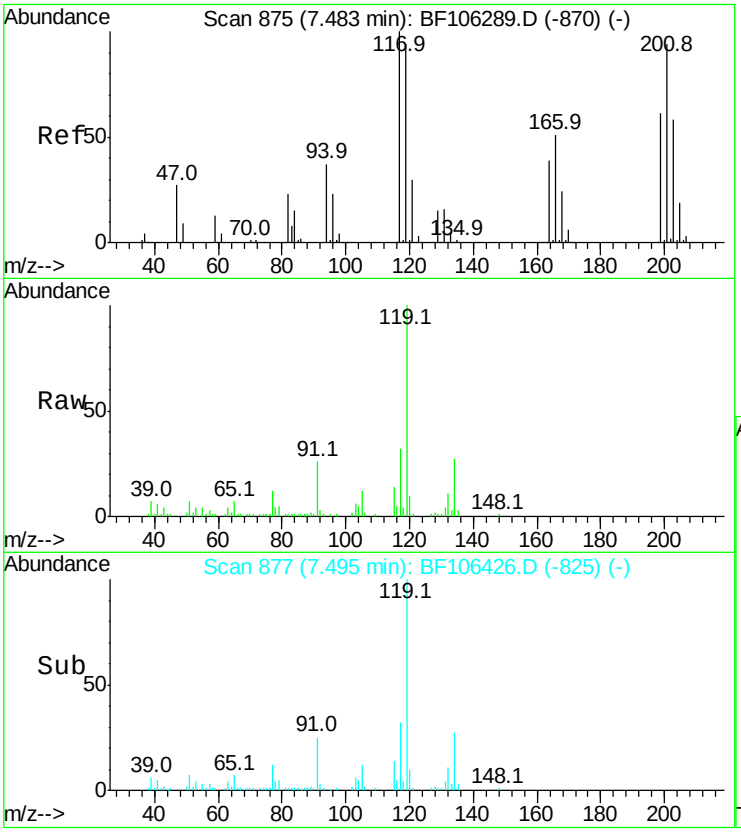


#9
Benzaldehyde
Concen: 2.454 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.22 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion: 77 Resp: 21381

Ion	Ratio	Lower	Upper
77	100		
105	85.8	81.1	121.1
106	78.7	74.5	114.5



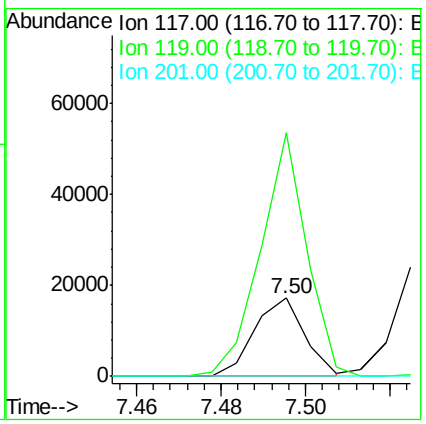


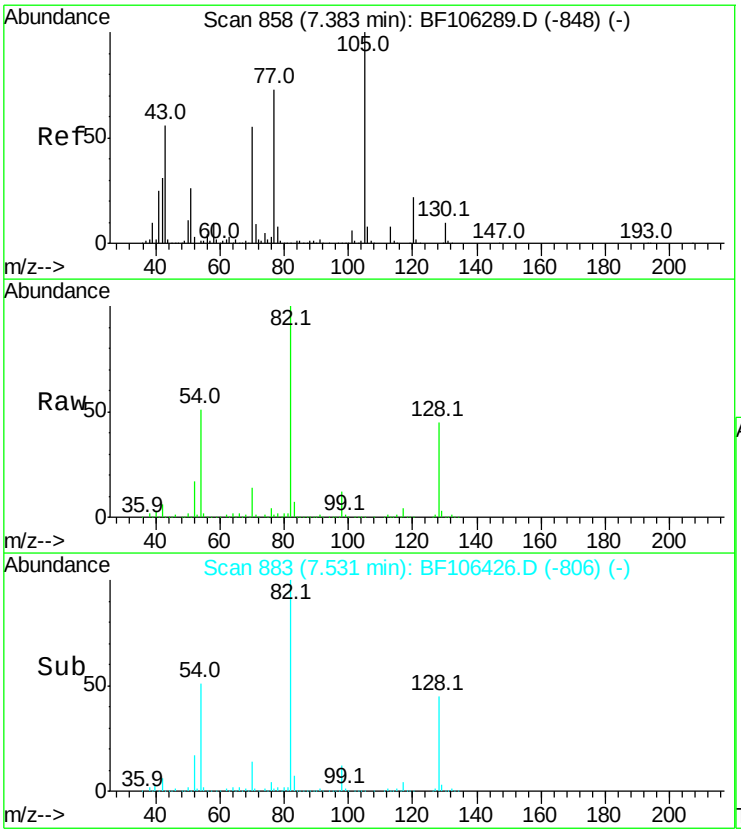
#18
Hexachloroethane
Concen: 3.452 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 14366

Ion	Ratio	Lower	Upper
117	100		
119	310.7	75.8	113.8#
201	0.0	75.7	113.5#

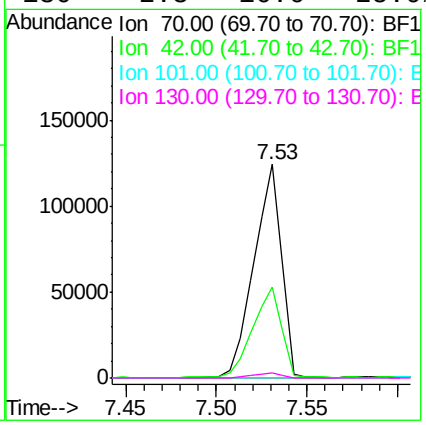


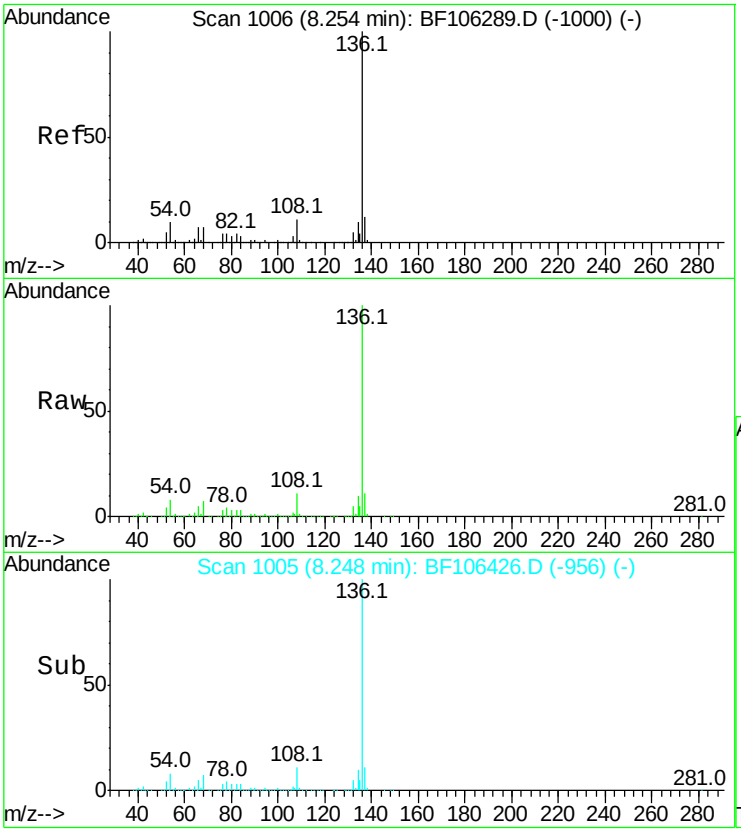


#19
n-Nitroso-di-n-propylamine
Concen: 15.354 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion: 70 Resp: 132323

Ion	Ratio	Lower	Upper
70	100		
42	42.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



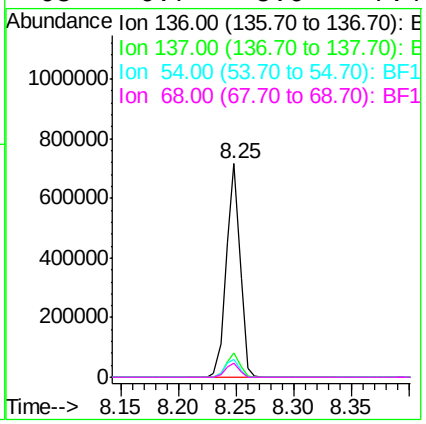


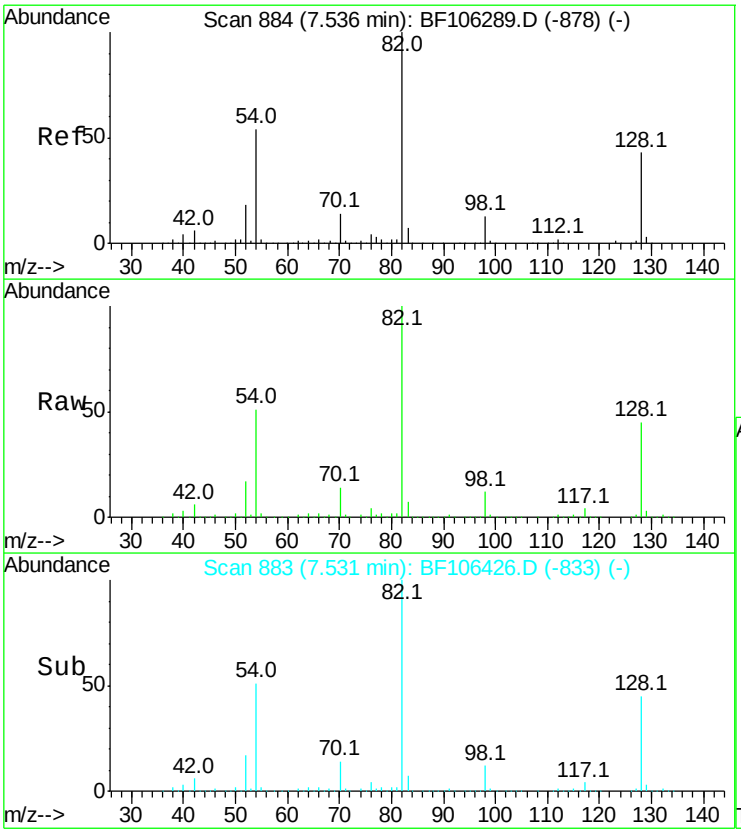
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 587049

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	6.6	9.8
68	6.7	5.0	7.4

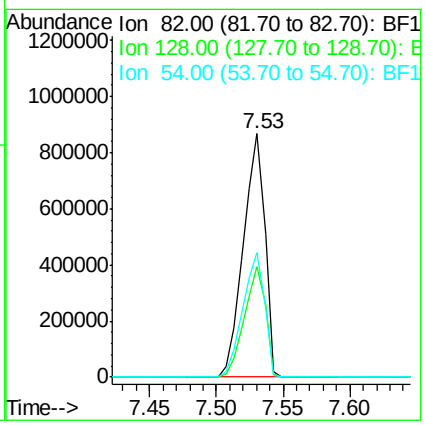


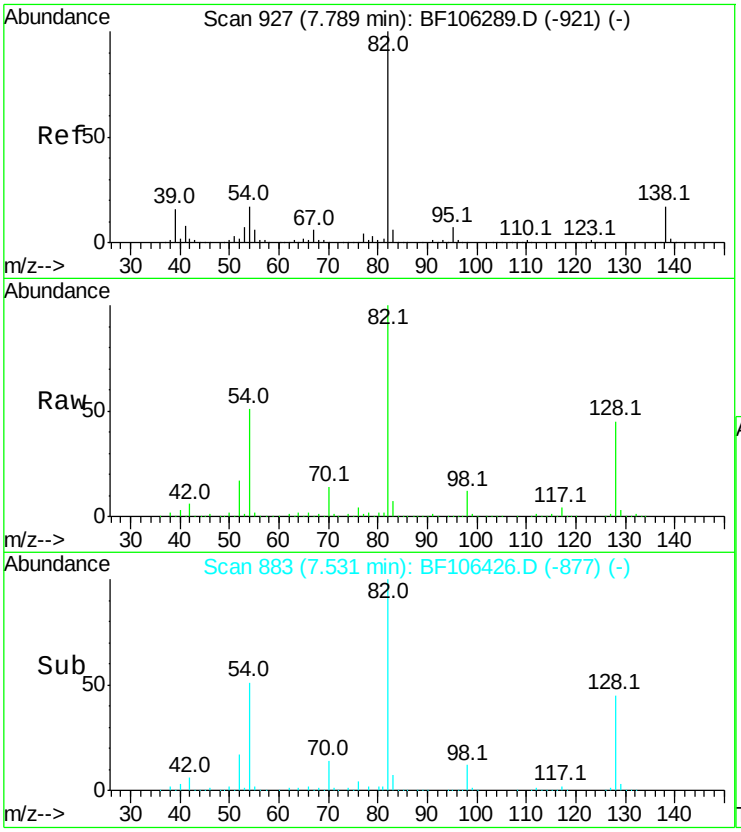


#23
Nitrobenzene-d5
Concen: 95.607 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion: 82 Resp: 954057

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	51.0	41.4	62.2



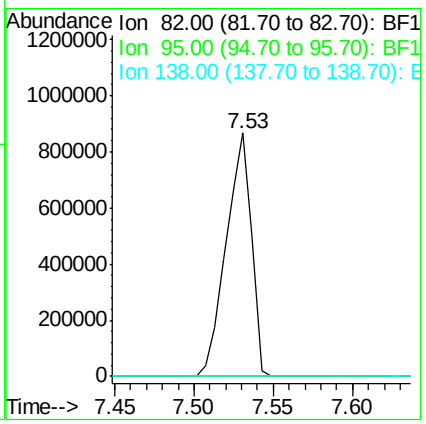


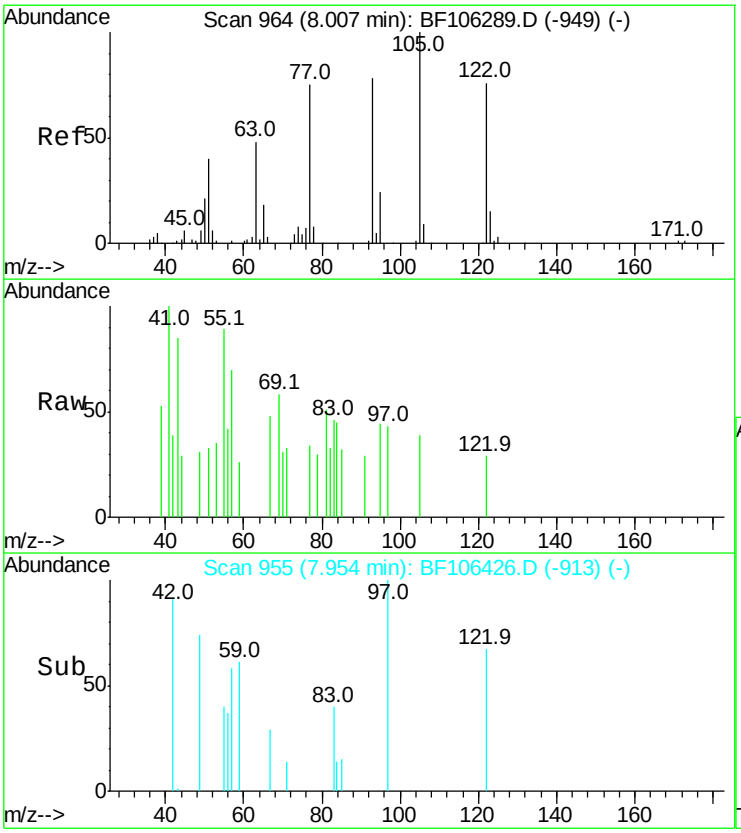
#25
Isophorone
Concen: 48.821 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 951581

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

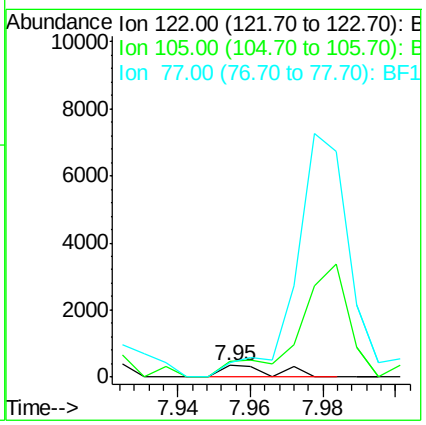


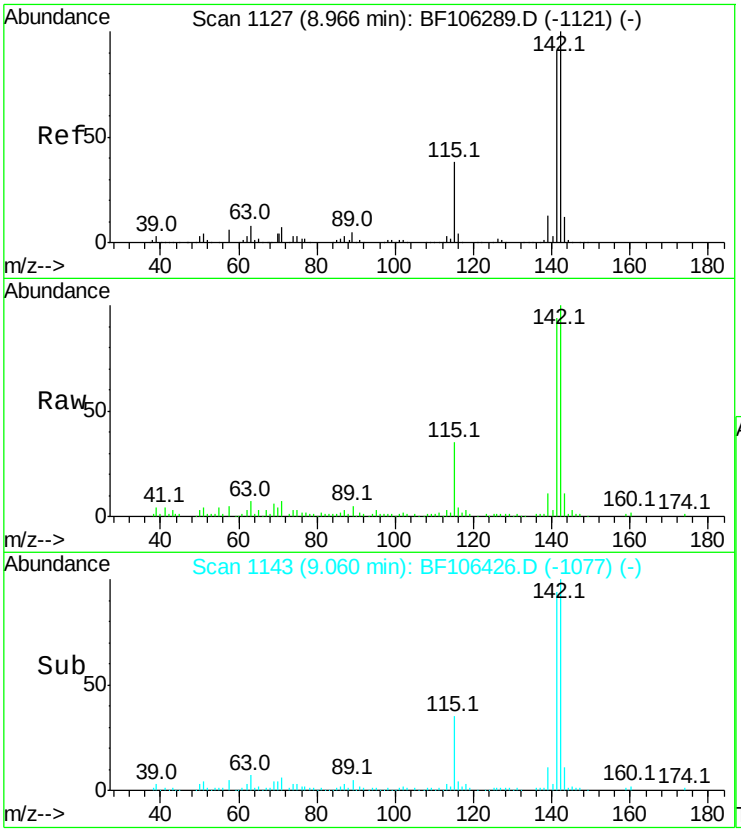


#32
Benzoic acid
Concen: 7.338 ng
RT: 7.95 min Scan# 955
Delta R.T. -0.05 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion:122 Resp: 350

Ion	Ratio	Lower	Upper
122	100		
105	136.1	101.1	141.1
77	120.2	70.7	110.7#



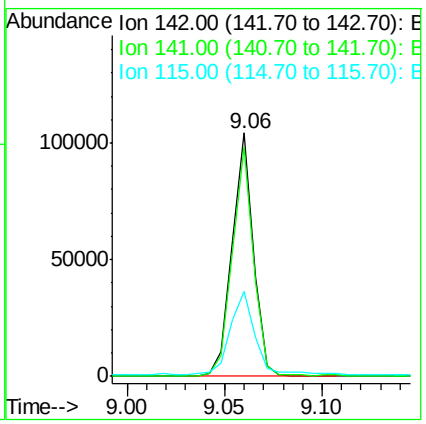


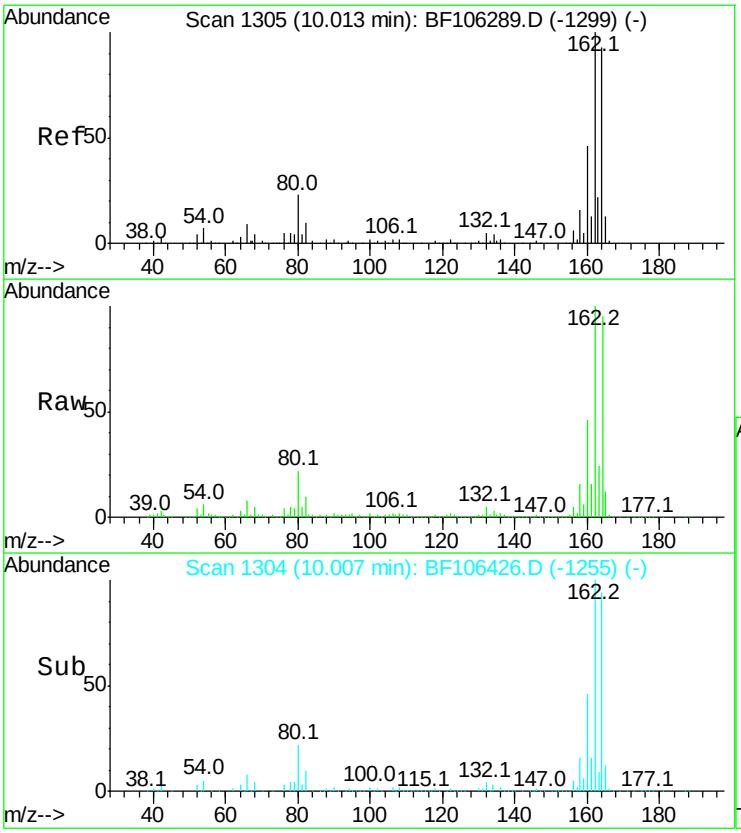
#37
2-Methylnaphthalene
Concen: 4.341 ng
RT: 9.06 min Scan# 1143
Delta R.T. 0.09 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 78470

Ion	Ratio	Lower	Upper
142	100		
141	94.1	70.8	106.2
115	35.1	26.1	39.1

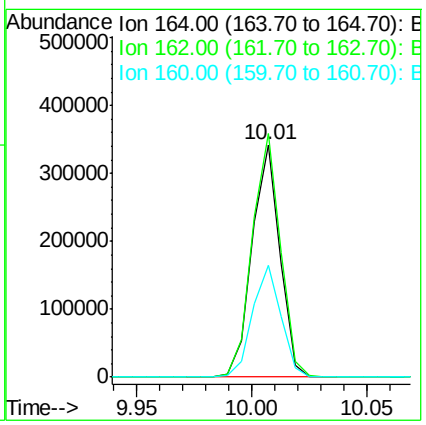


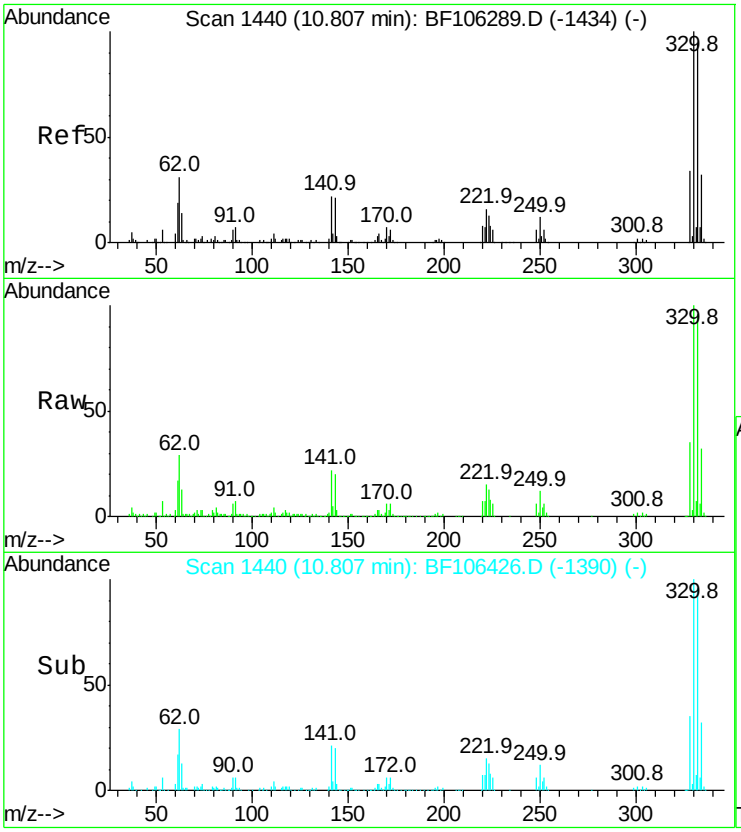


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion:164 Resp: 286178

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	48.1	38.3	57.5



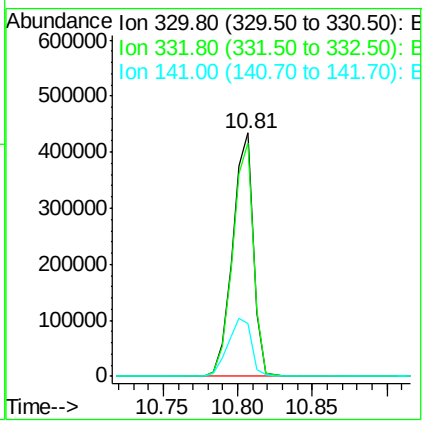


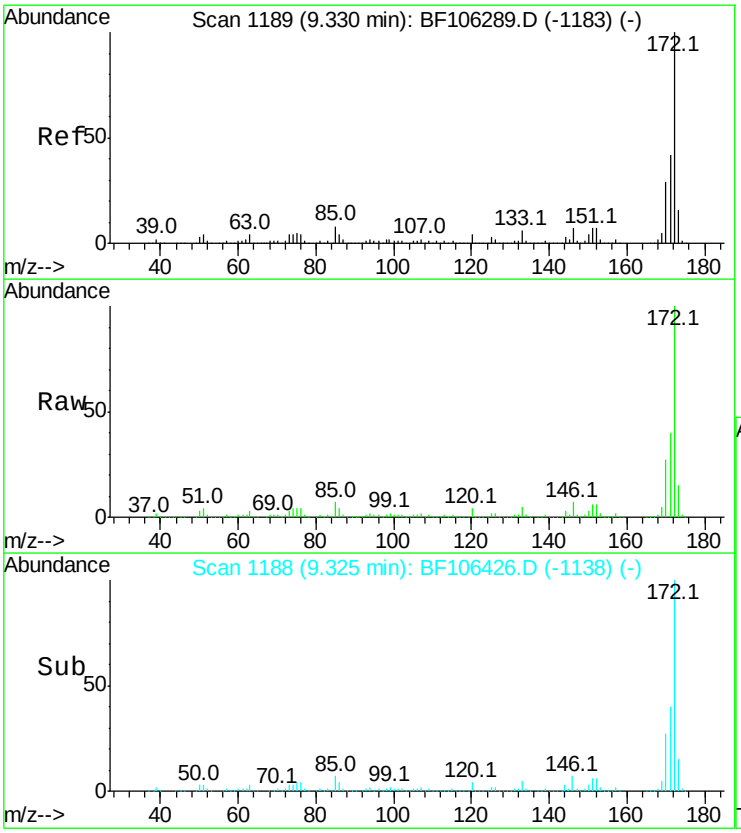
#41
2,4,6-Tribromophenol
Concen: 154.182 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 424544

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	26.5	29.9	44.9#

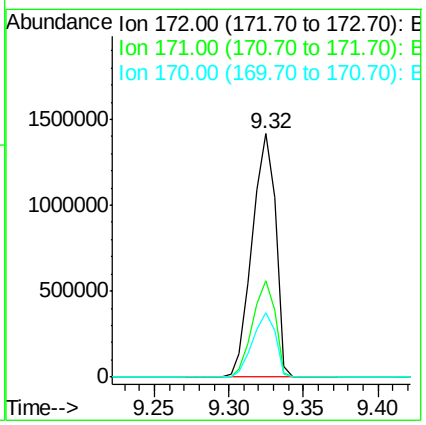


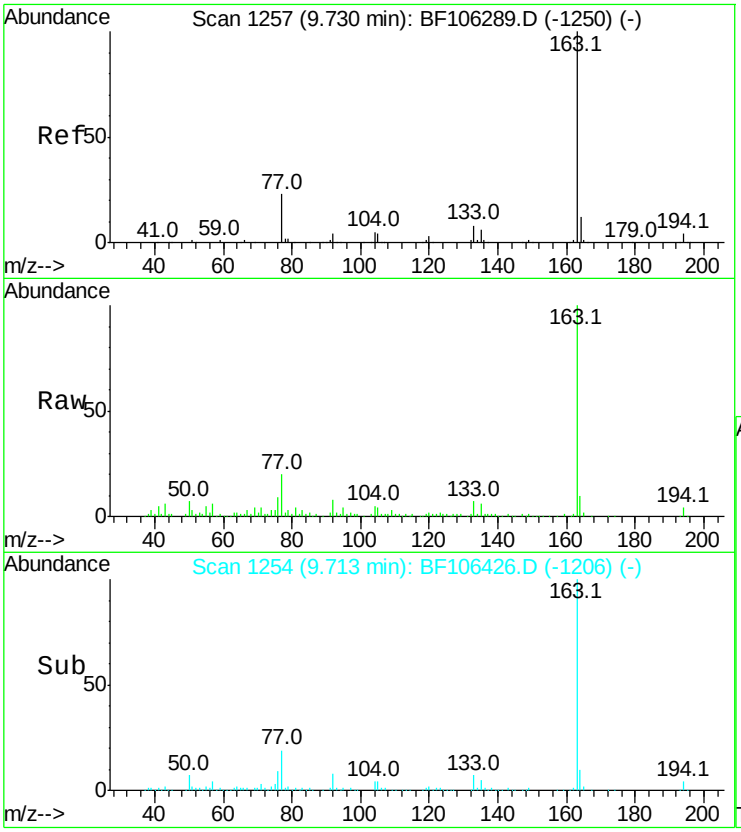


#44
2-Fluorobiphenyl
Concen: 99.572 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion:172 Resp: 1521848

Ion	Ratio	Lower	Upper
172	100		
171	39.8	29.7	44.5
170	26.7	19.6	29.4

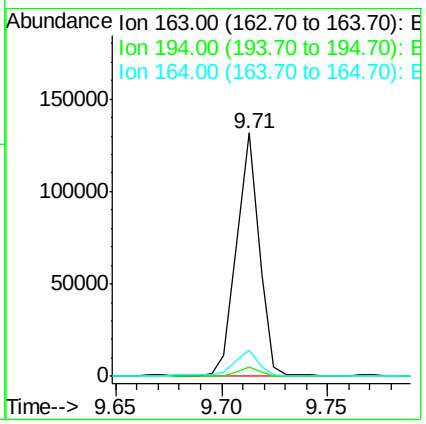




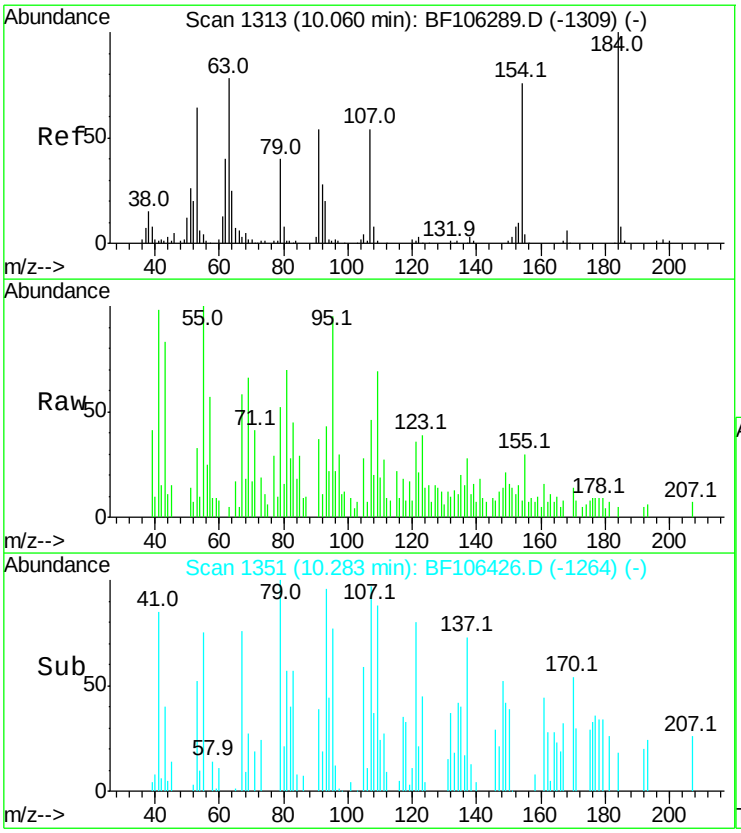
#49
Dimethylphthalate
Concen: 4.763 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion:163 Resp: 97386

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.5	8.2	12.2



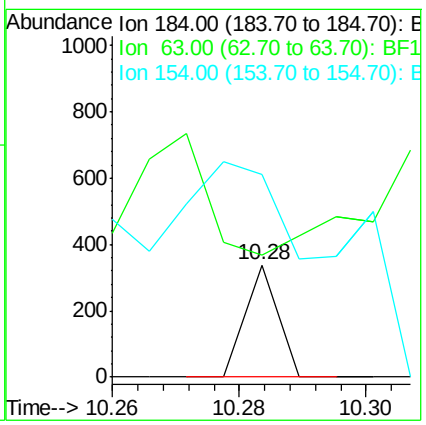
Instrument :
BNA_F
ClientSampleId :

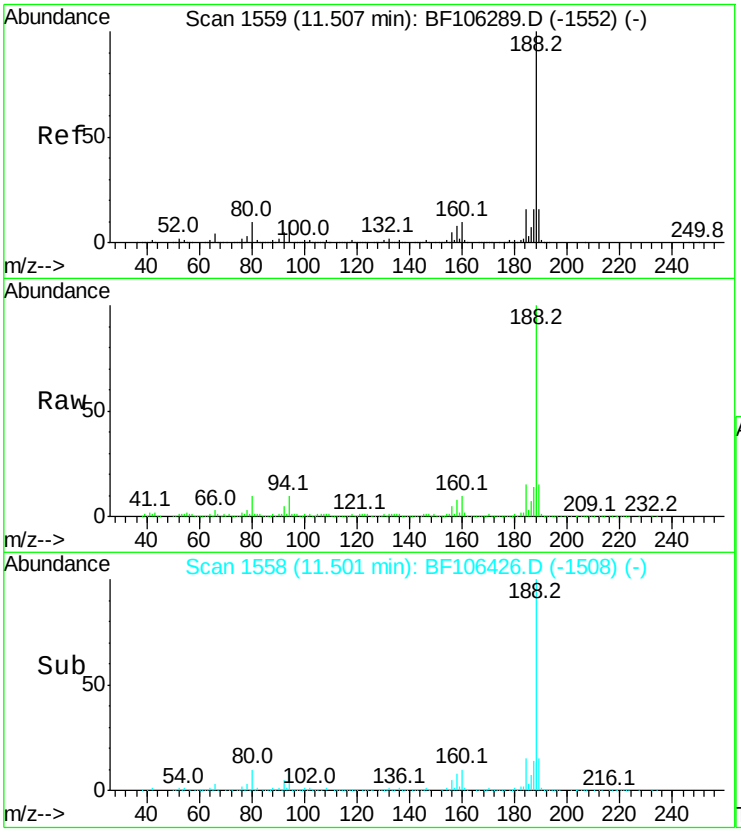


#53
2,4-Dinitrophenol
Concen: 8.669 ng
RT: 10.28 min Scan# 1351
Delta R.T. 0.21 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion:184 Resp: 119

Ion	Ratio	Lower	Upper
184	100		
63	108.6	54.2	81.2#
154	181.4	184.0	276.0#



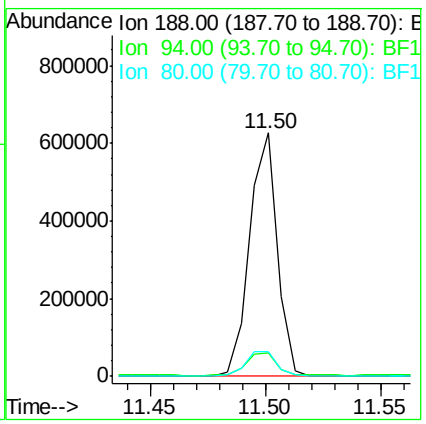


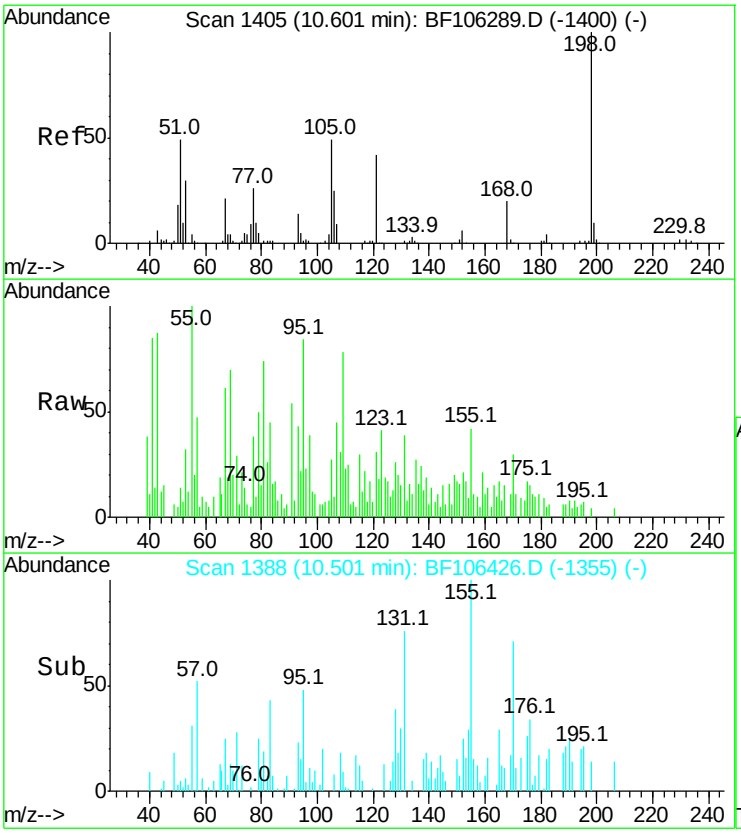
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 525759

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.2	9.2	13.8

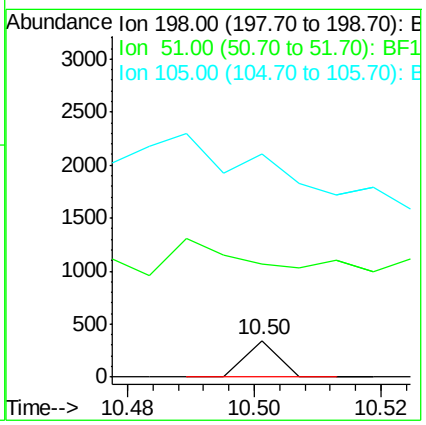


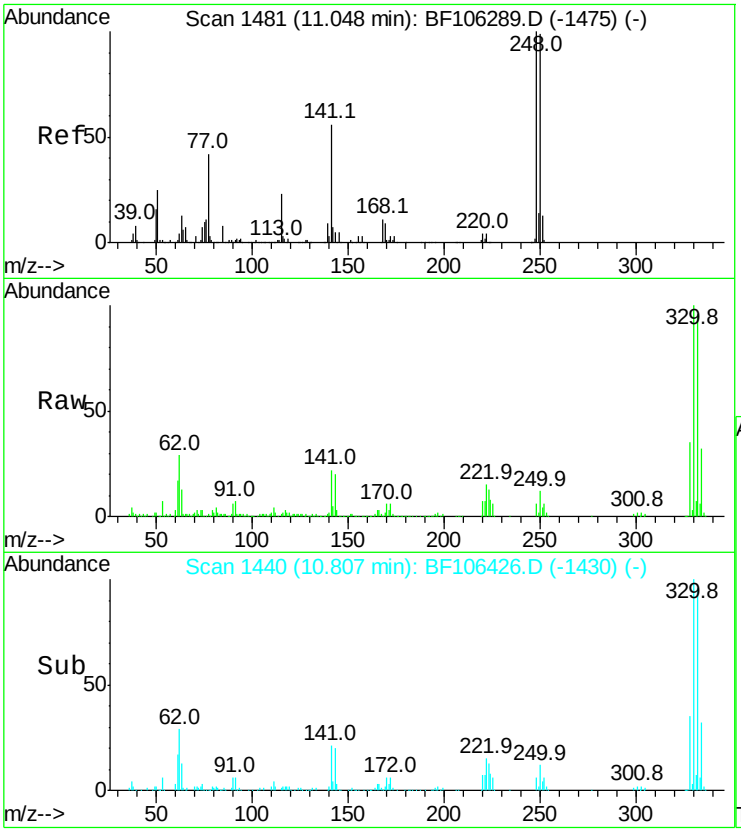


#64
4,6-Dinitro-2-methylphenol
Concen: 6.332 ng
RT: 10.50 min Scan# 1388
Delta R.T. -0.11 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion:198 Resp: 122

Ion	Ratio	Lower	Upper
198	100		
51	307.8	37.7	77.7#
105	607.2	36.3	76.3#



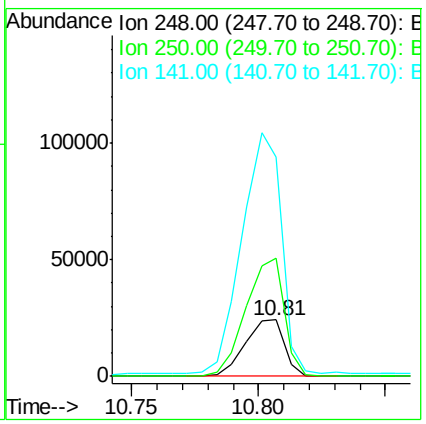


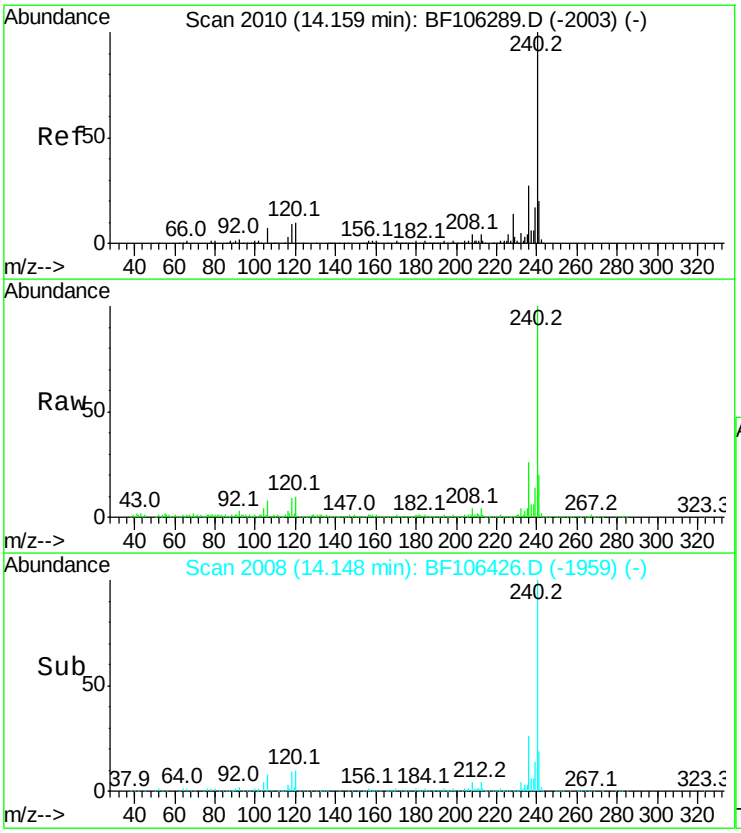
#66
4-Bromophenyl-phenylether
Concen: 4.391 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 26255

Ion	Ratio	Lower	Upper
248	100		
250	208.7	76.9	115.3#
141	386.2	74.4	111.6#

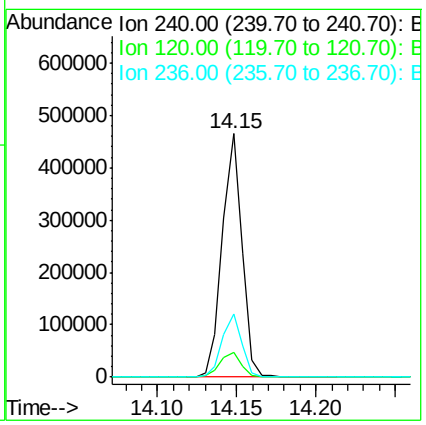


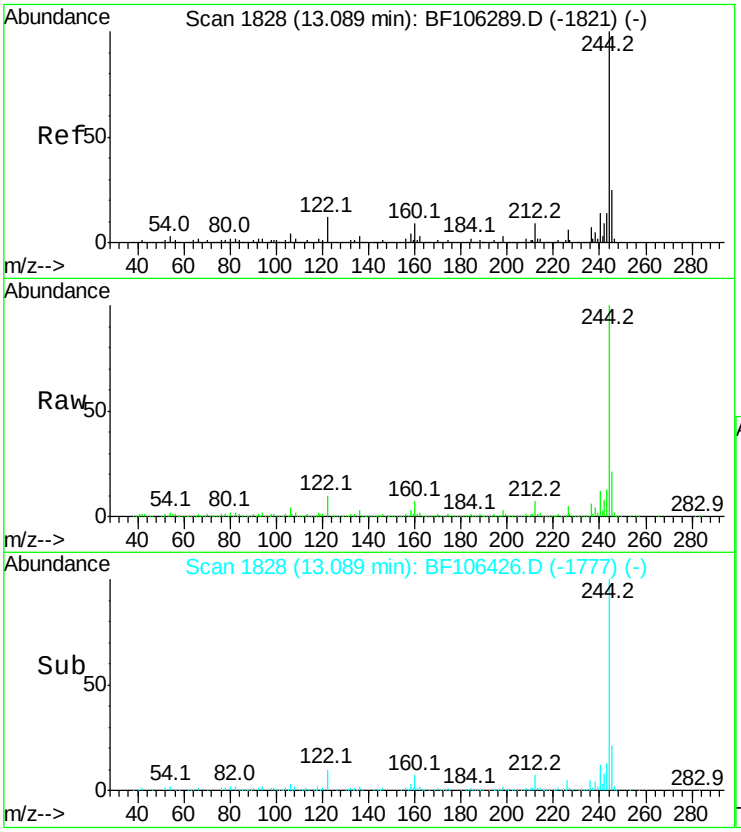


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion:240 Resp: 400725

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.0	20.7	31.1



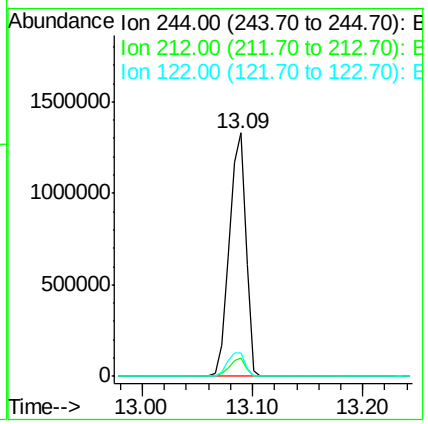


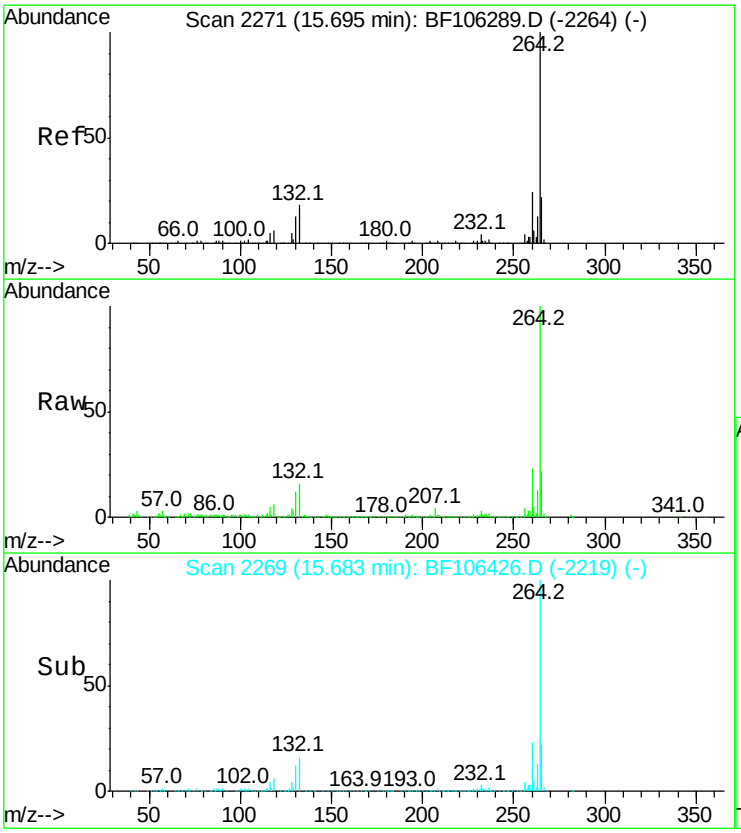
#78
Terphenyl-d14
Concen: 87.676 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1414540

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106426.D
Acq: 14 Jun 2018 7:29

Tgt Ion:264 Resp: 374474

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.4	17.5	26.3