Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106421.D
Acq On : 14 Jun 2018 5:16
Operator : JU/SJ
Sample : J3398-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 06:51:09 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	148922	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	555277	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	271967	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	510435	20.00	ng		0.00
75) Chrysene-d12	14.14	240	414679	20.00	ng		-0.02
86) Perylene-d12	15.67	264	393799	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	577786	65.67	ng		-0.02
7) Phenol-d6	6.61	99	484735	43.60	ng		-0.01
23) Nitrobenzene-d5	7.53	82	844981	89.52	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	395159	151.01	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1427818	97.62	ng		0.00
78) Terphenyl-d14	13.09	244	1433035	85.83	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	23666	2.807	ng		83
18) Hexachloroethane	7.50	117	183560	45.584	ng	#	1
24) Nitrobenzene	7.54	77	29119	2.838	ng	#	12
25) Isophorone	7.53	82	844989	45.833	ng	#	64
32) Benzoic acid	8.00	122	1292	7.479	ng	#	1
37) 2-Methylnaphthalene	9.07	142	655336	38.331	ng	#	92
49) Dimethylphthalate	9.71	163	49159	2.530	ng	#	69
53) 2,4-Dinitrophenol	10.05	184	1365	9.282	ng	#	1
54) Dibenzofuran	10.21	168	49053	2.186	ng	#	89
64) 4,6-Dinitro-2-methylphenol	10.62	198	1592	6.797	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	24601	4.237	ng	#	1

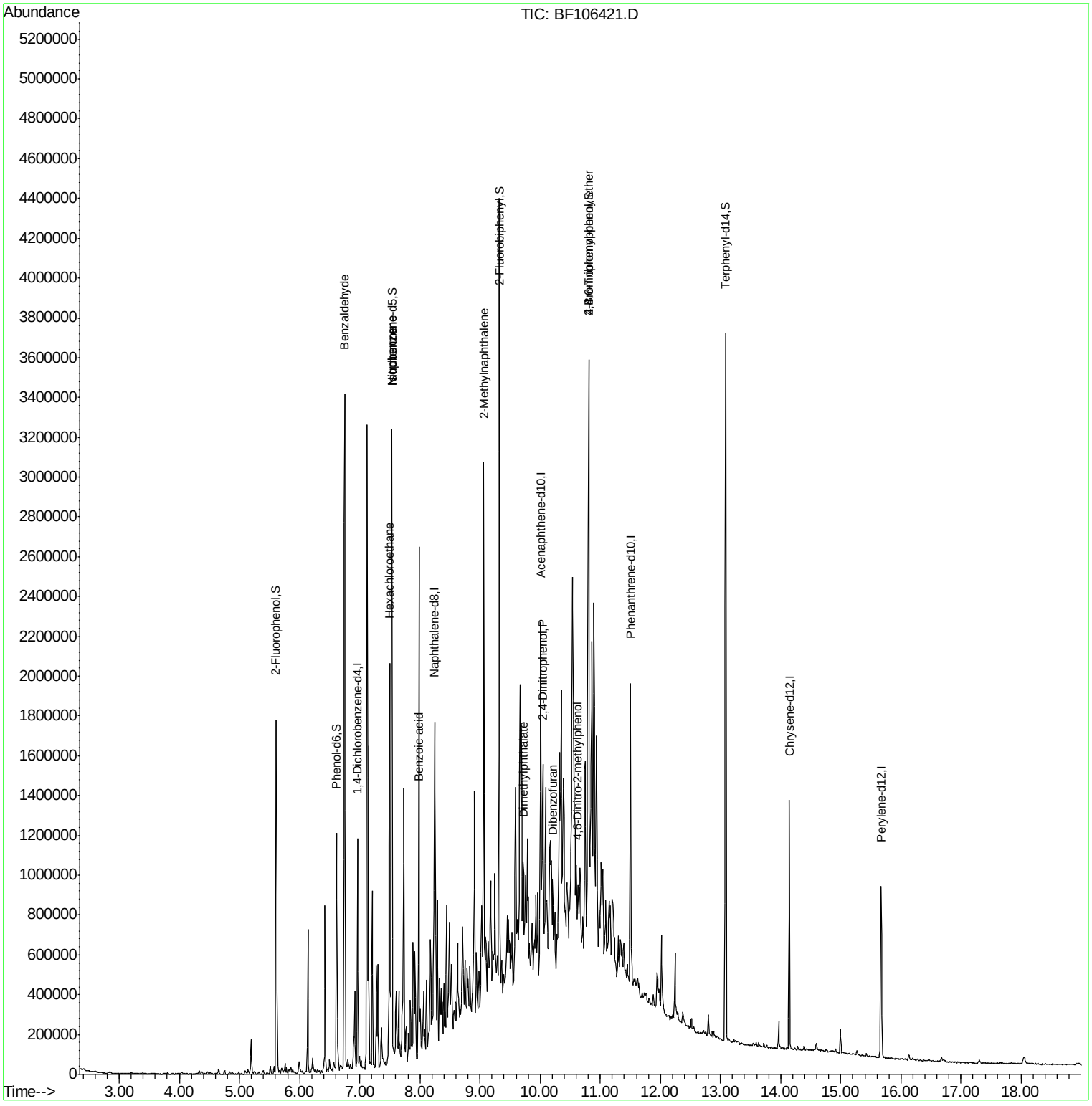
(#) = qualifier out of range (m) = manual integration (+) = signals summed

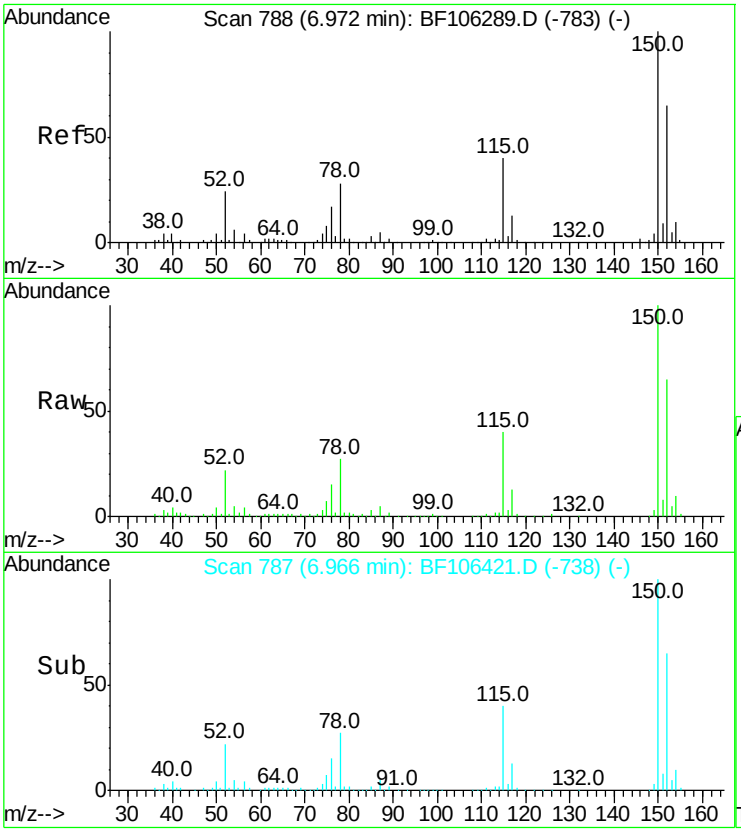
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106421.D
Acq On : 14 Jun 2018 5:16
Operator : JU/SJ
Sample : J3398-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 14 06:51:09 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



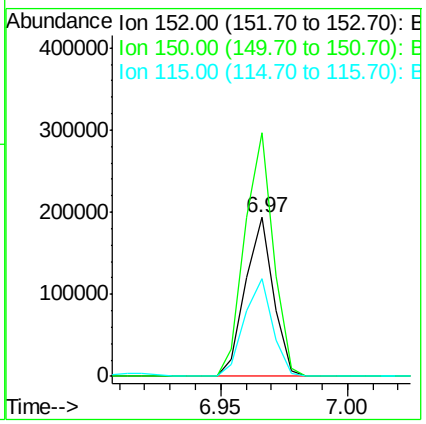


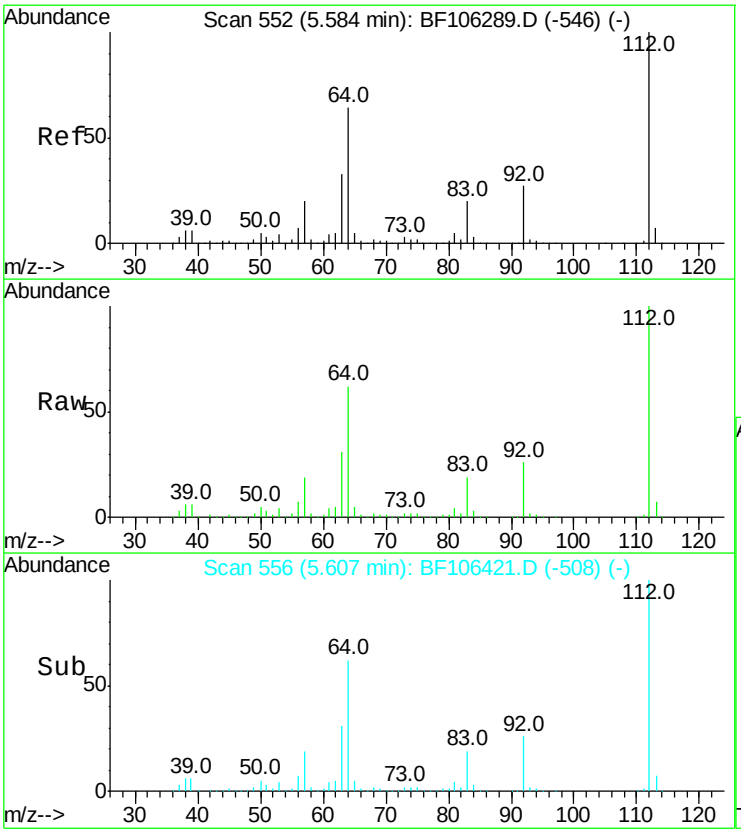
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 148922

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	61.7	50.1	75.1

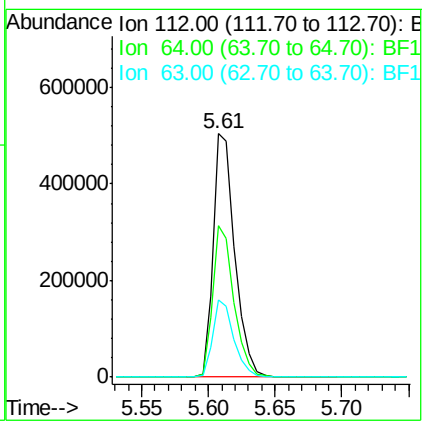


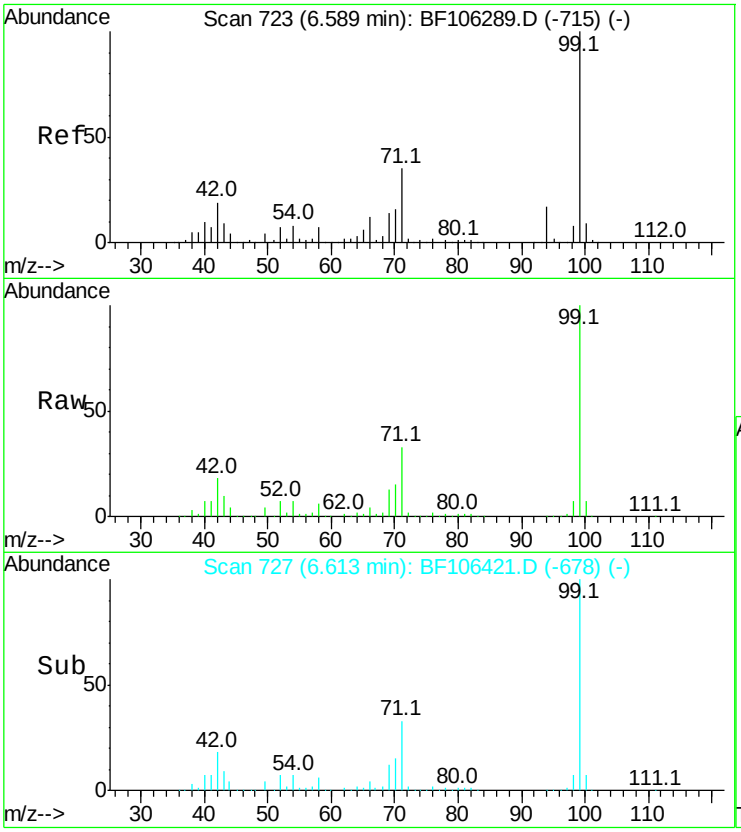


#5
2-Fluorophenol
Concen: 65.665 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion:112 Resp: 577786

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.9	71.9
63	31.5	23.7	35.5

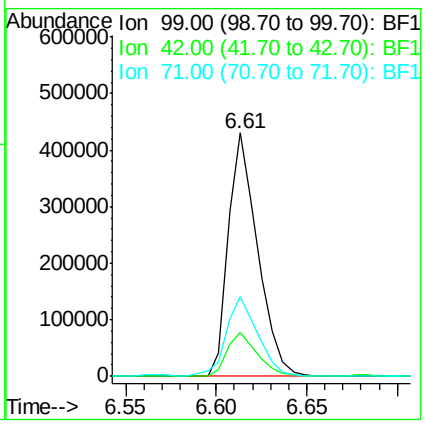




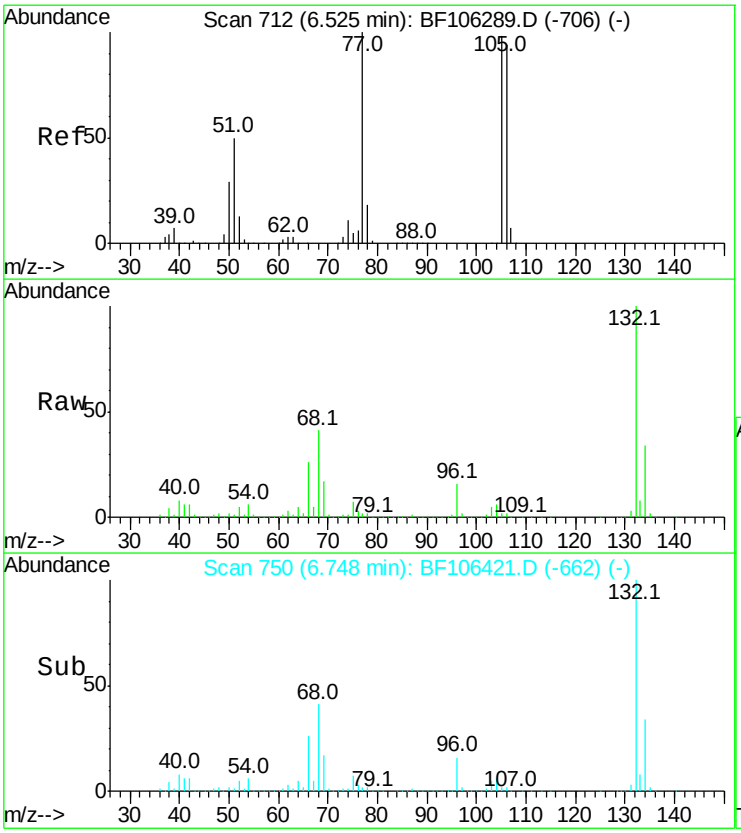
#7
Phenol-d6
Concen: 43.604 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion: 99 Resp: 484735

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	33.0	25.4	38.0



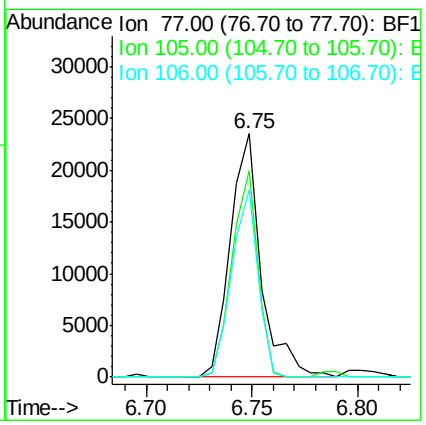
Instrument :
BNA_F
ClientSampleId :

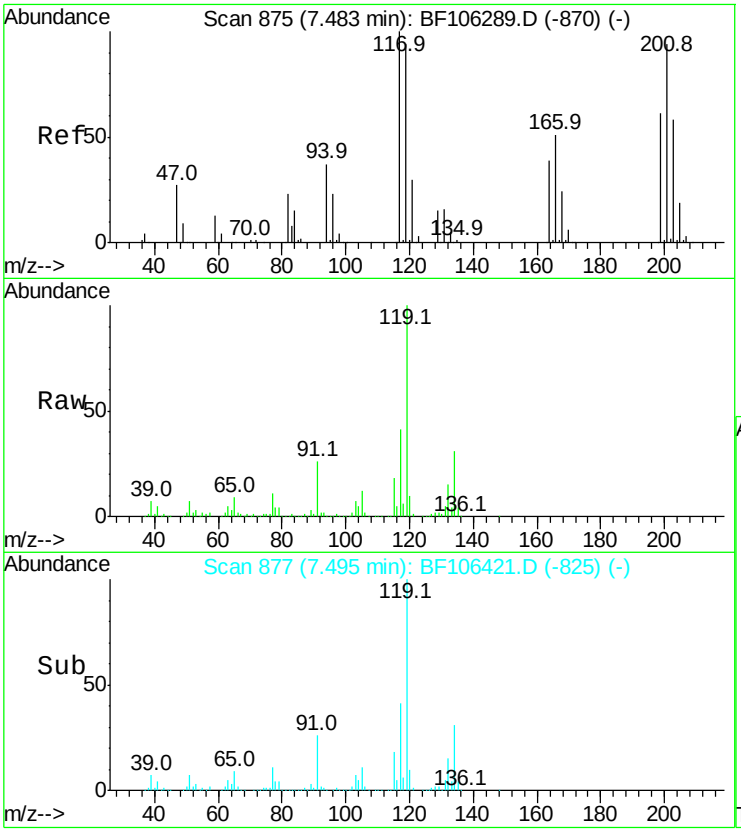


#9
Benzaldehyde
Concen: 2.807 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.22 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion: 77 Resp: 23666

Ion	Ratio	Lower	Upper
77	100		
105	85.0	81.1	121.1
106	77.1	74.5	114.5



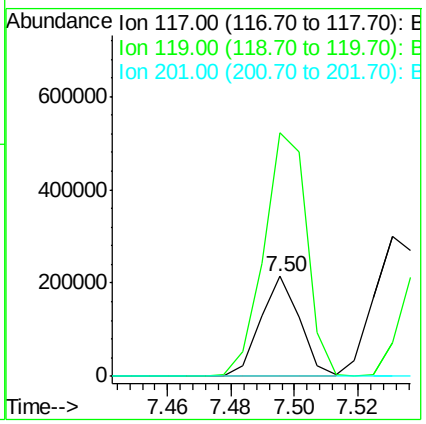


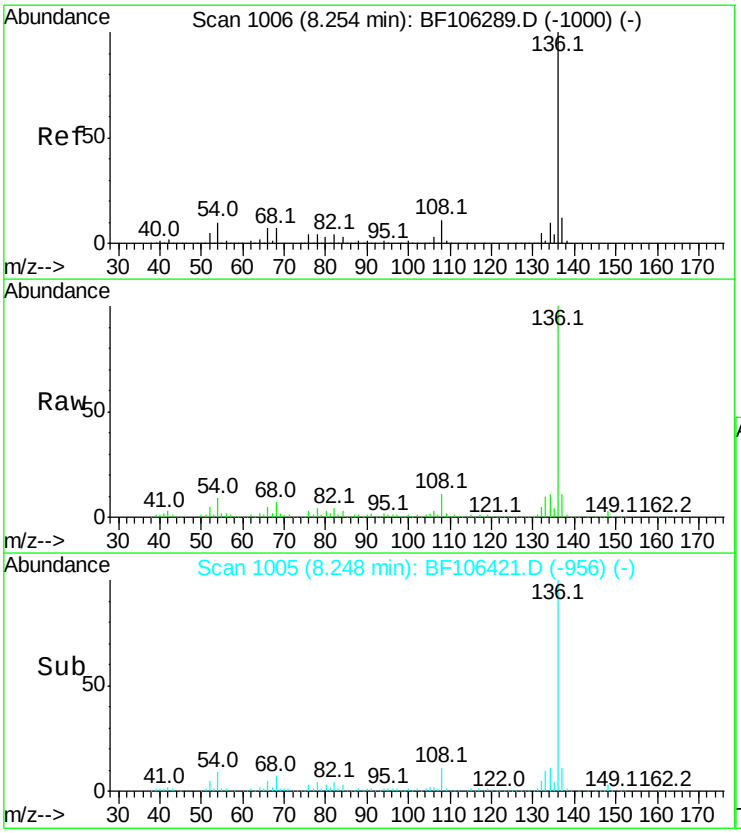
#18
Hexachloroethane
Concen: 45.584 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 183560

Ion	Ratio	Lower	Upper
117	100		
119	244.1	75.8	113.8#
201	0.0	75.7	113.5#

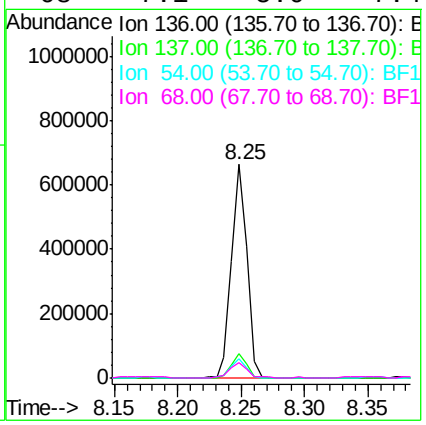


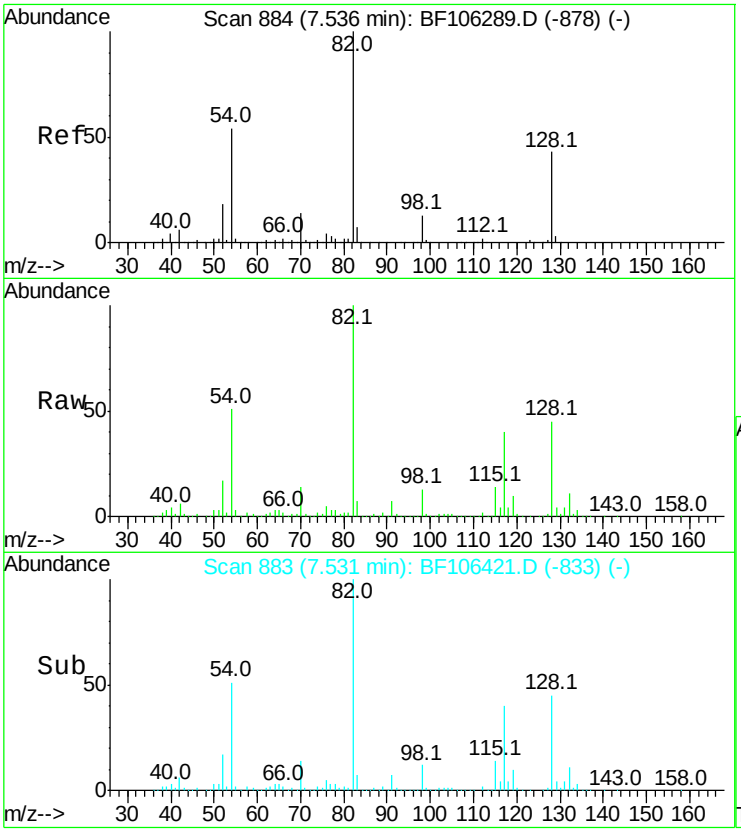


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion:136 Resp: 555277

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	6.6	9.8
68	7.1	5.0	7.4



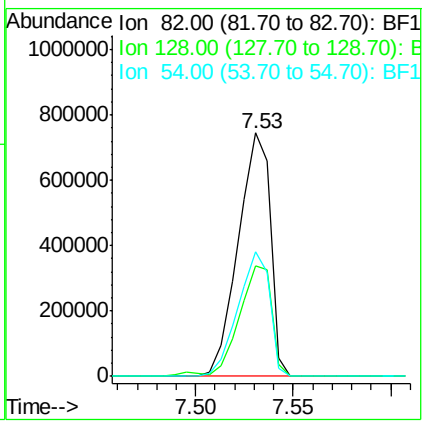


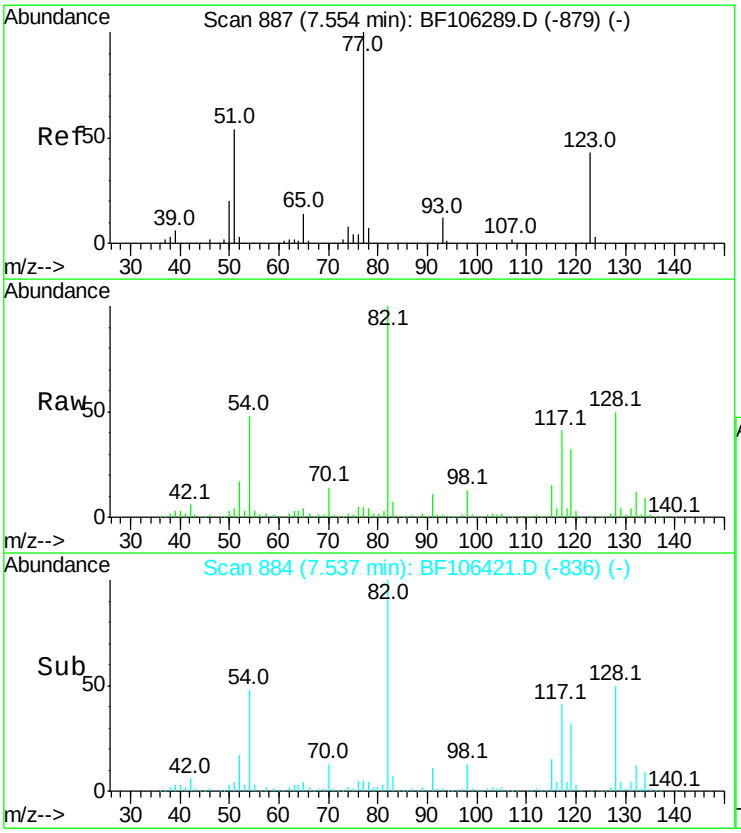
#23
Nitrobenzene-d5
Concen: 89.521 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 844981

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	51.0	41.4	62.2

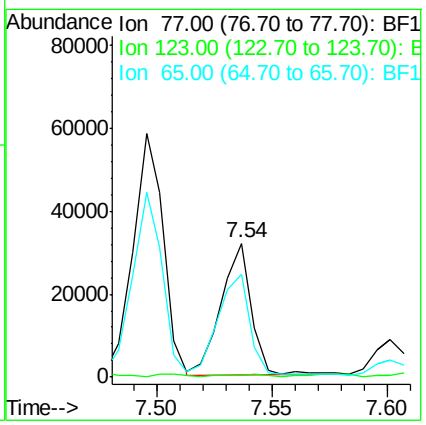


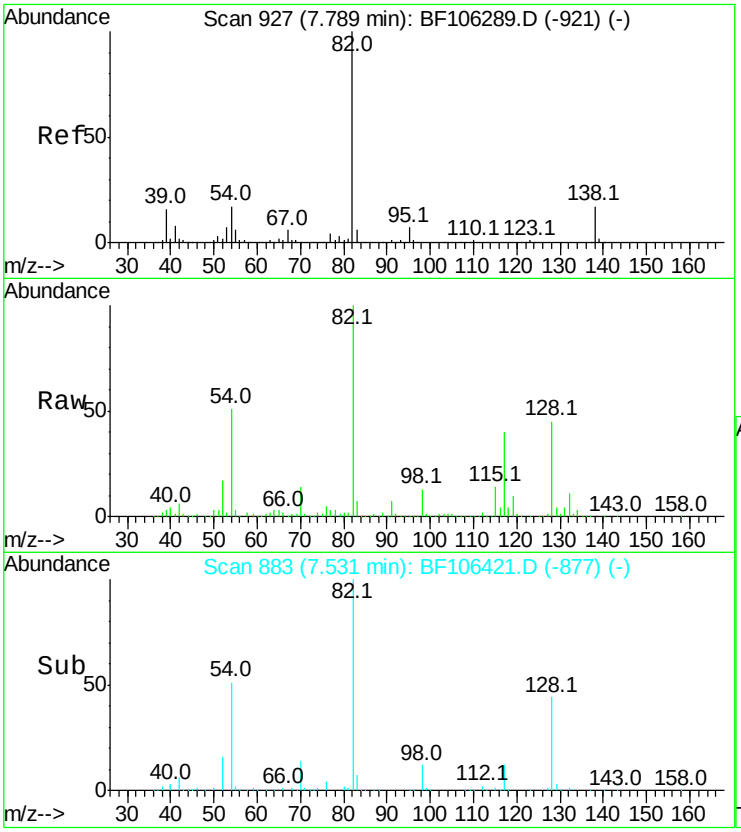


#24
Nitrobenzene
Concen: 2.838 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion: 77 Resp: 29119

Ion	Ratio	Lower	Upper
77	100		
123	1.3	37.9	56.9#
65	77.0	11.0	16.4#



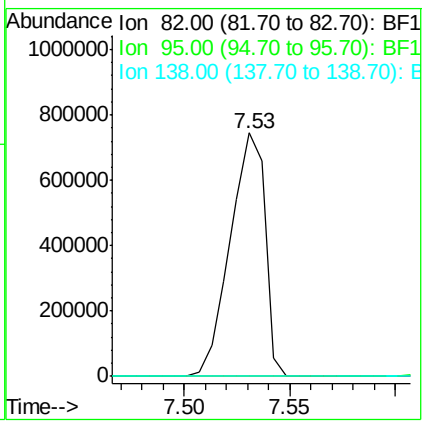


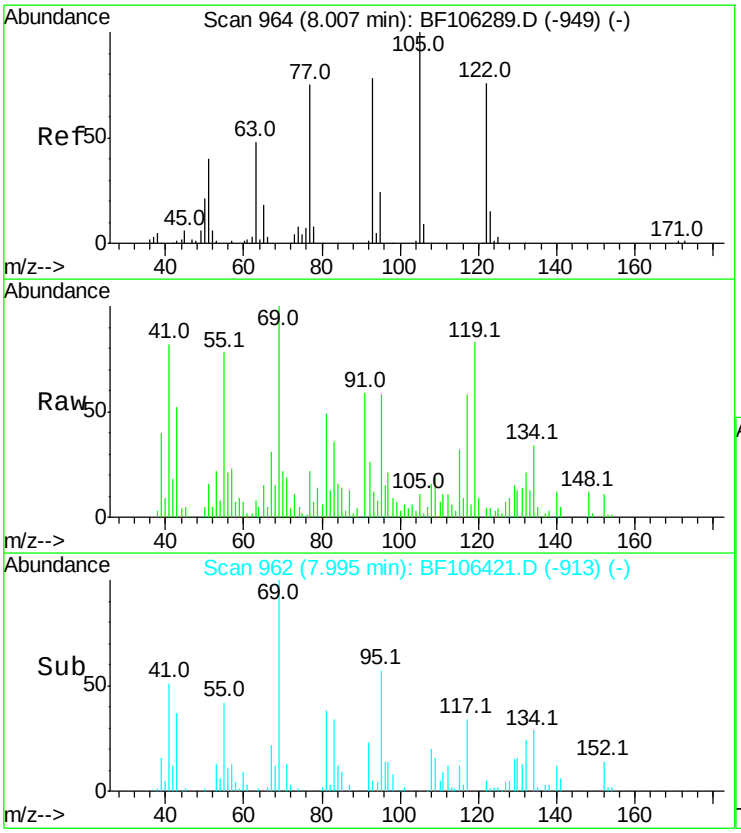
#25
Isophorone
Concen: 45.833 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 844989

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#

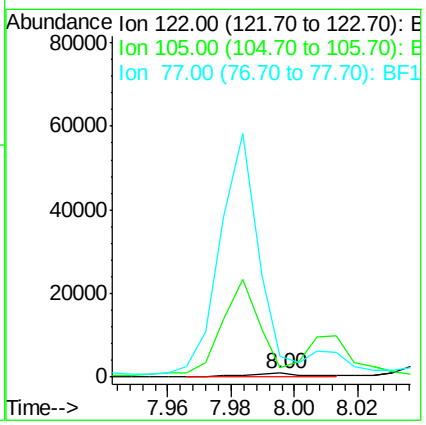


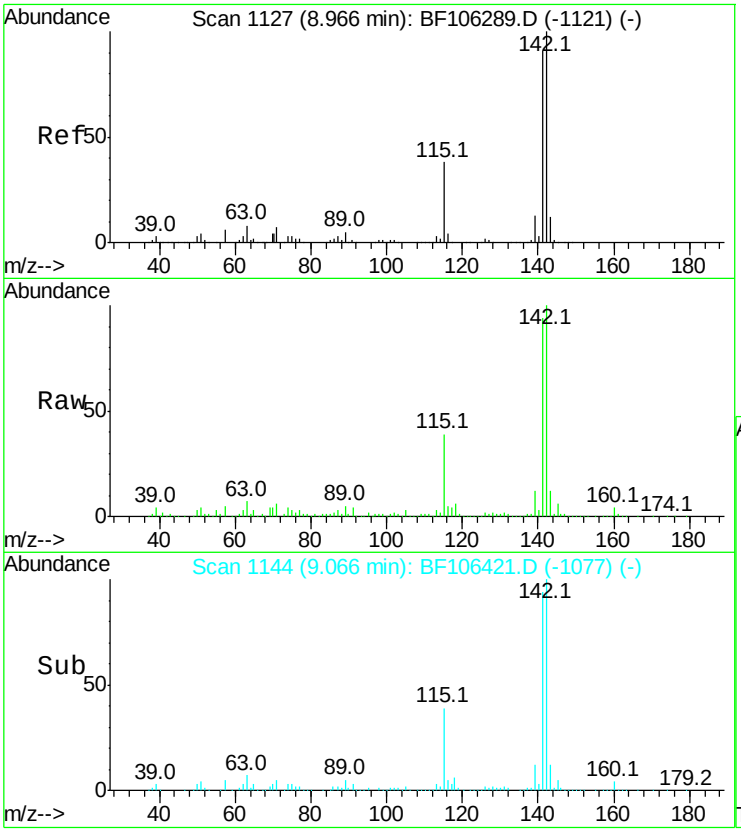


#32
Benzoic acid
Concen: 7.479 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion:122 Resp: 1292

Ion	Ratio	Lower	Upper
122	100		
105	257.5	101.1	141.1#
77	537.6	70.7	110.7#



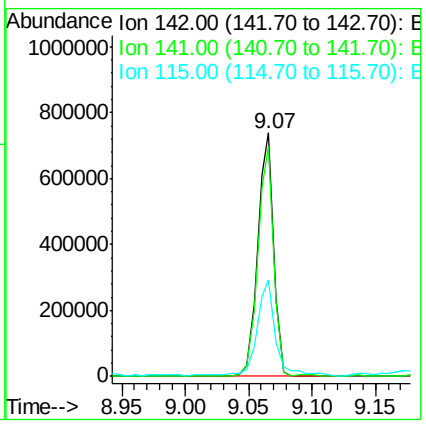


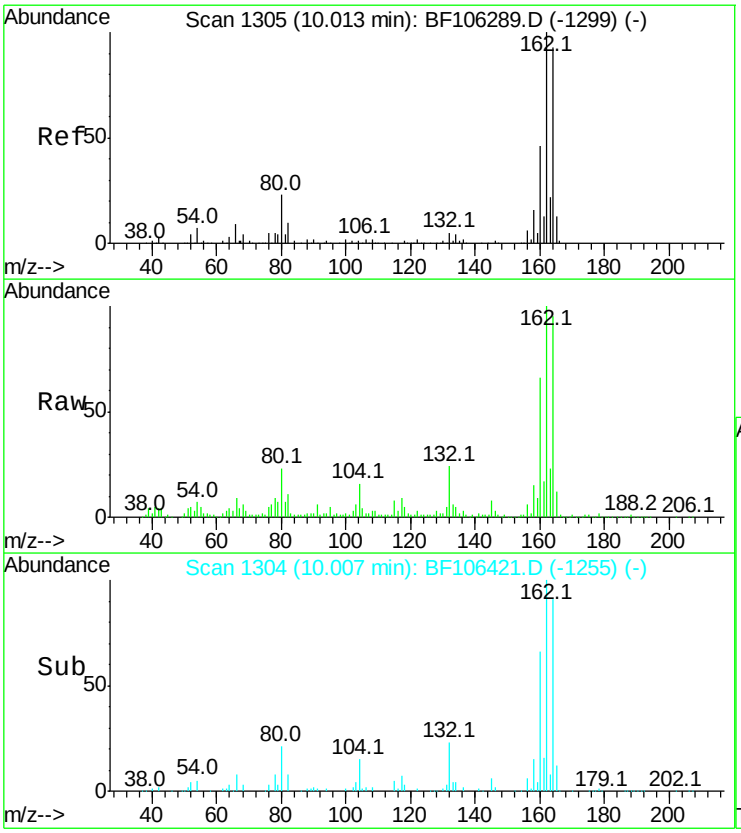
#37
2-Methylnaphthalene
Concen: 38.331 ng
RT: 9.07 min Scan# 1144
Delta R.T. 0.09 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 655336

Ion	Ratio	Lower	Upper
142	100		
141	94.4	70.8	106.2
115	39.4	26.1	39.1#

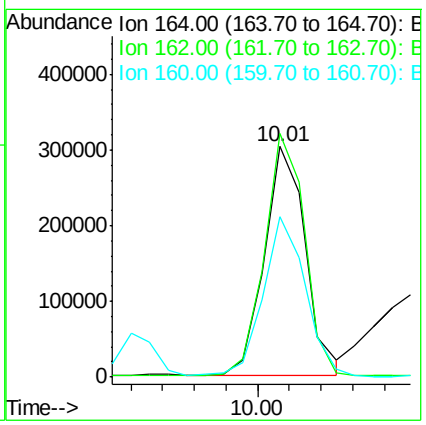


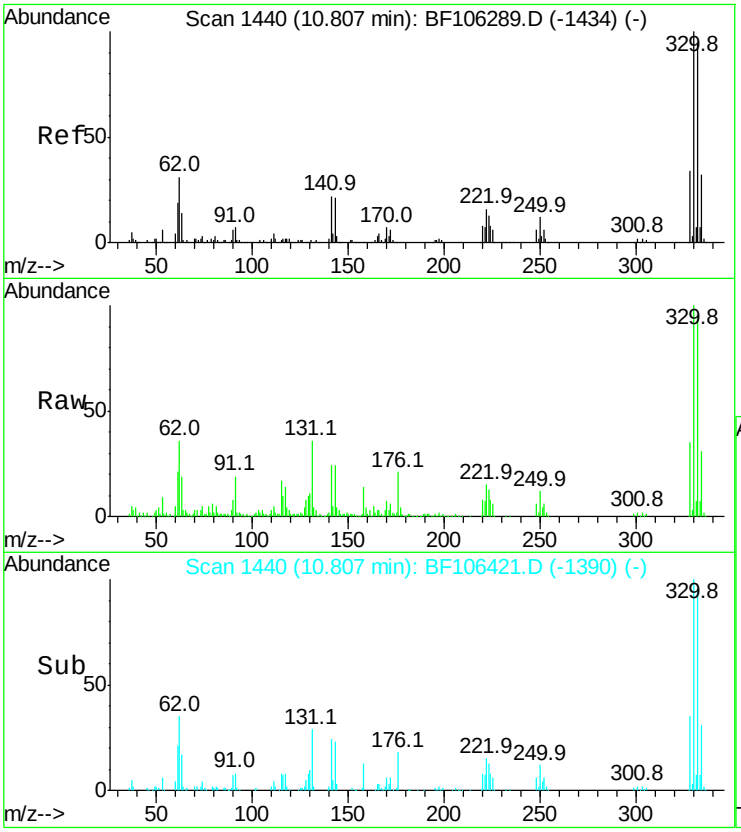


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion:164 Resp: 271967

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	69.9	38.3	57.5#



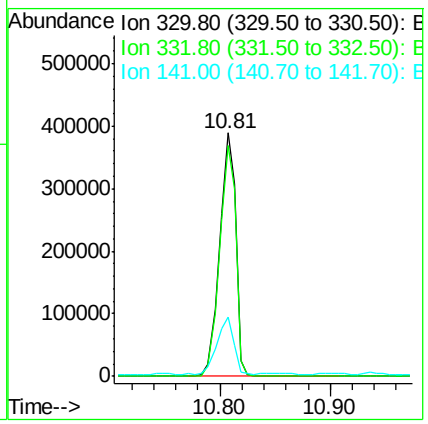


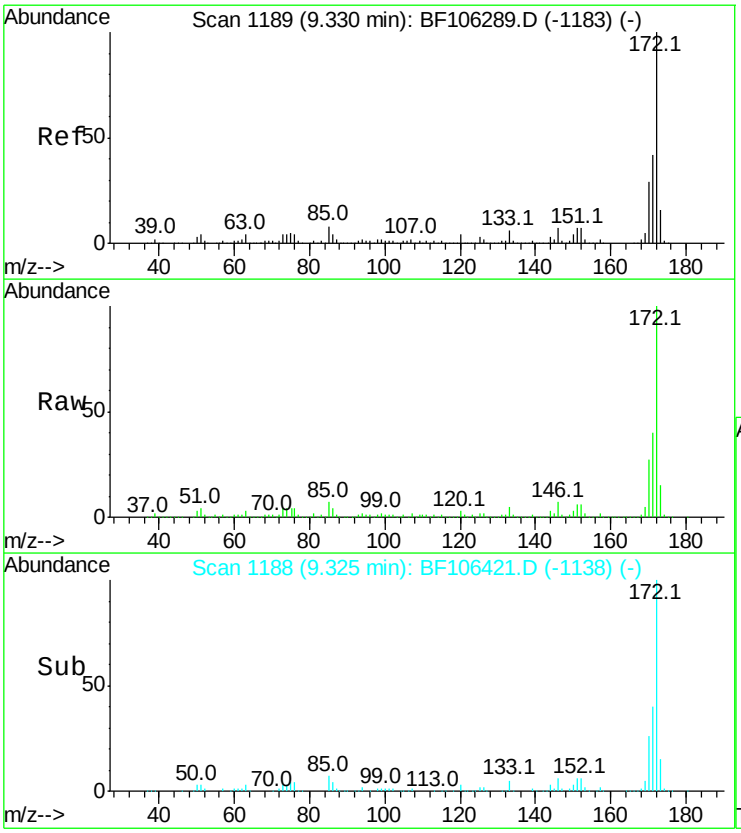
#41
2,4,6-Tribromophenol
Concen: 151.009 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 395159

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	24.3	29.9	44.9#

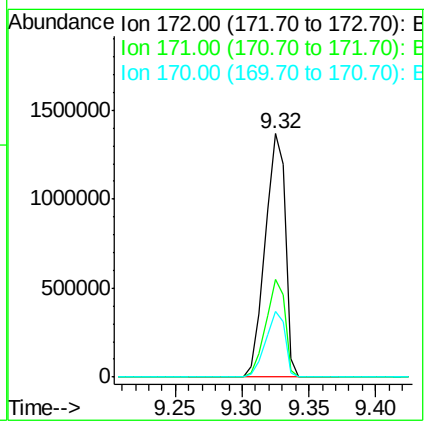


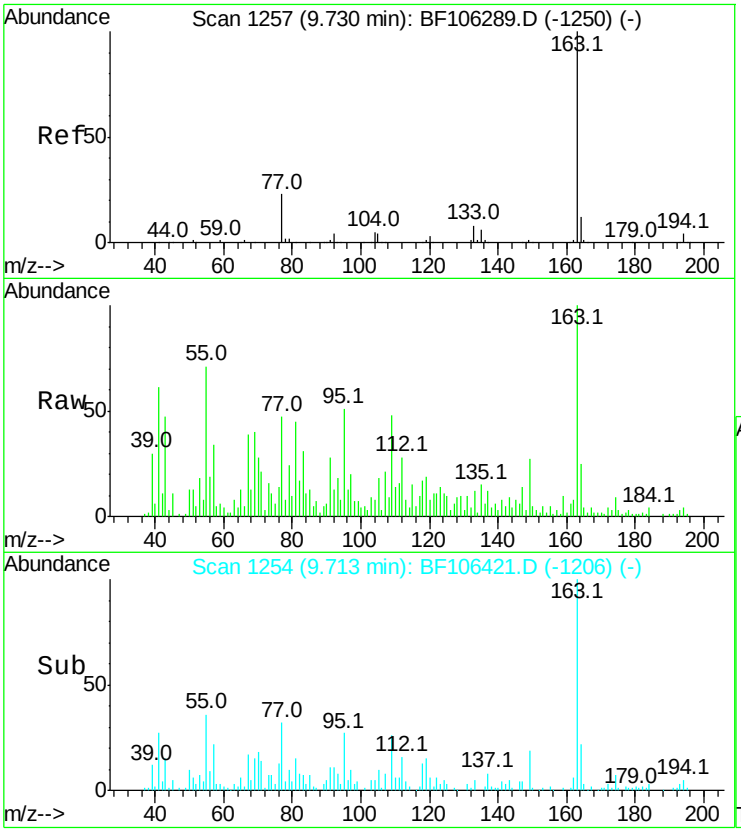


#44
2-Fluorobiphenyl
Concen: 97.617 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion:172 Resp: 1427818

Ion	Ratio	Lower	Upper
172	100		
171	40.1	29.7	44.5
170	26.9	19.6	29.4



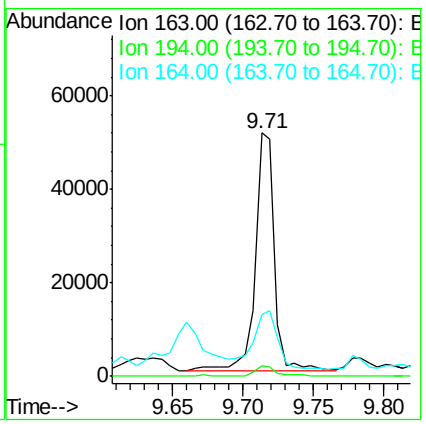


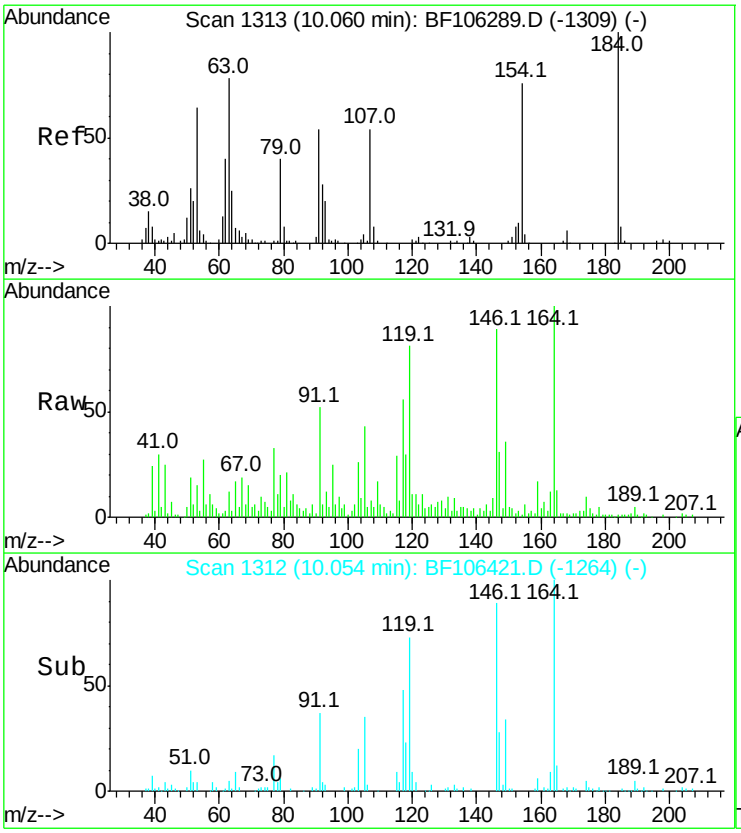
#49
Dimethylphthalate
Concen: 2.530 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 49159

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	25.3	8.2	12.2#

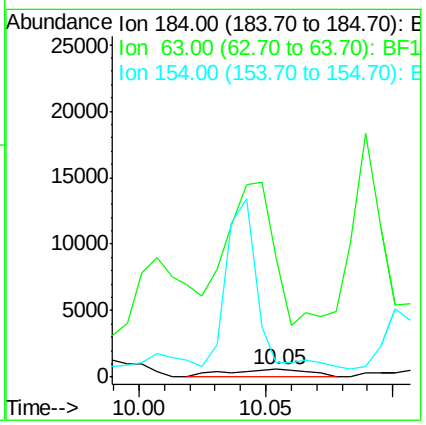


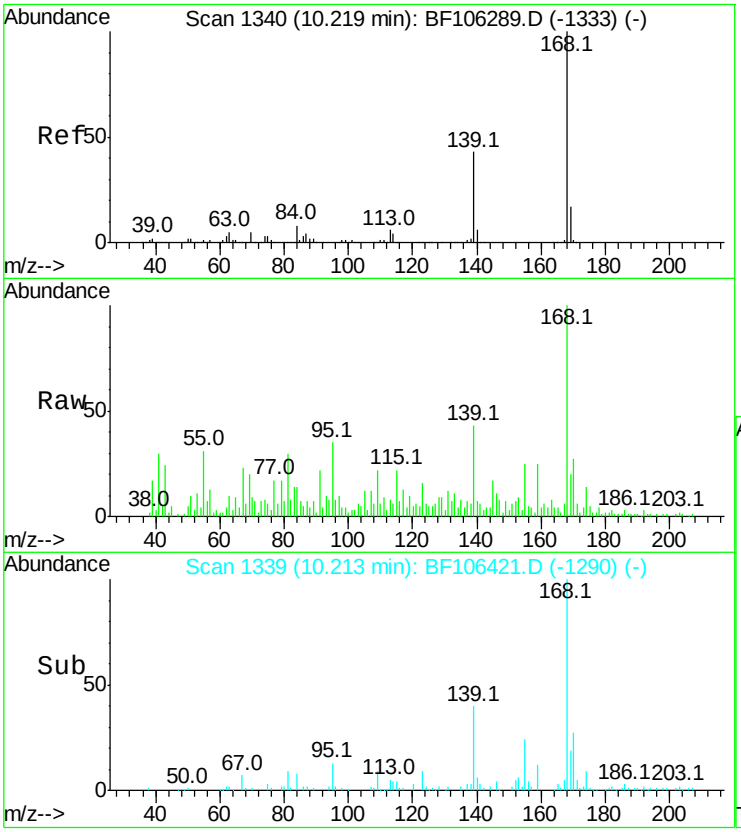


#53
2,4-Dinitrophenol
Concen: 9.282 ng
RT: 10.05 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion:184 Resp: 1365

Ion	Ratio	Lower	Upper
184	100		
63	1557.2	54.2	81.2#
154	189.0	184.0	276.0



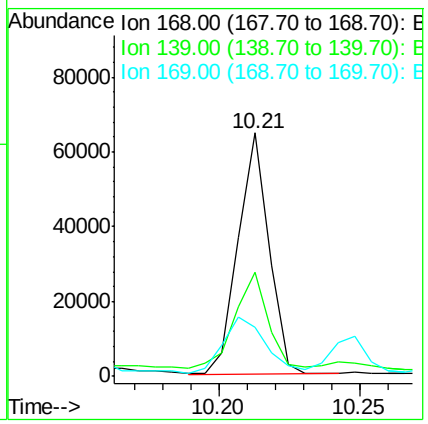


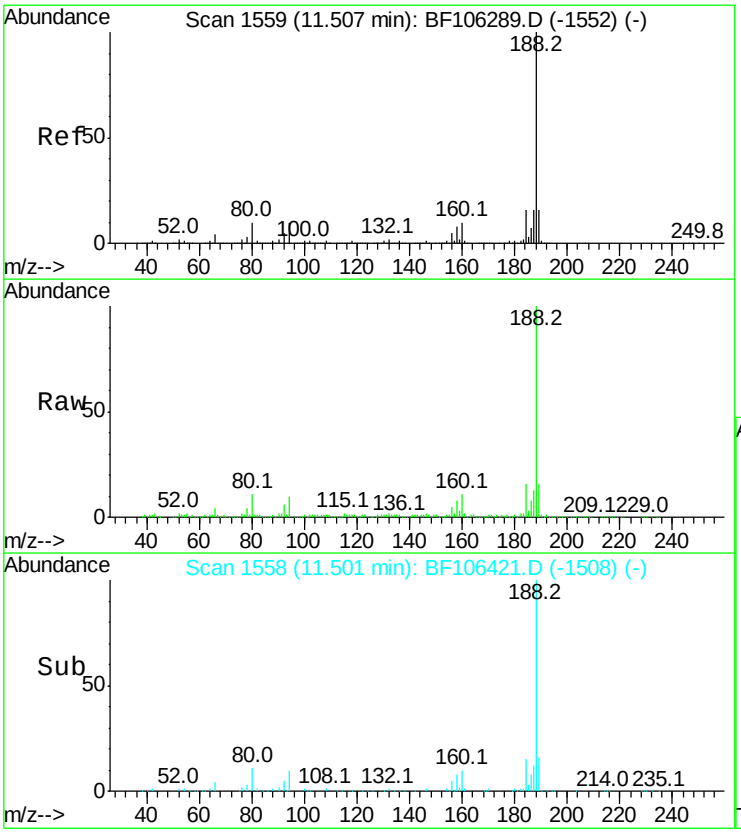
#54
Dibenzofuran
Concen: 2.186 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 49053

Ion	Ratio	Lower	Upper
168	100		
139	42.9	30.1	45.1
169	20.2	10.9	16.3#

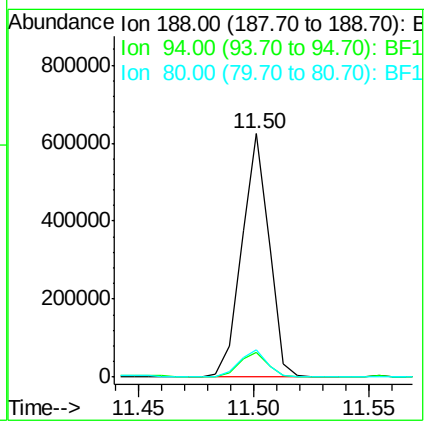


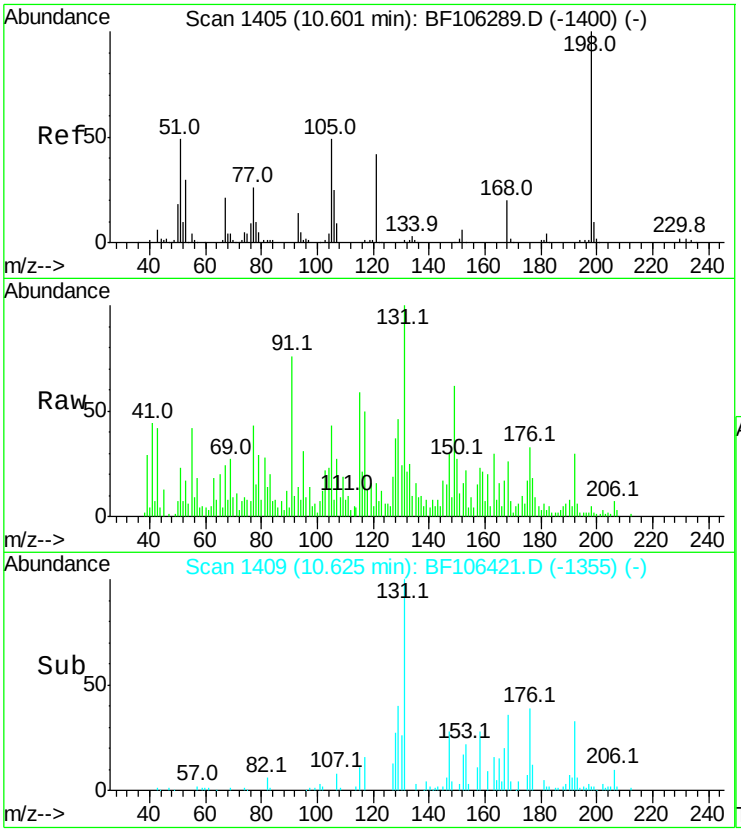


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion:188 Resp: 510435

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.2	9.2	13.8



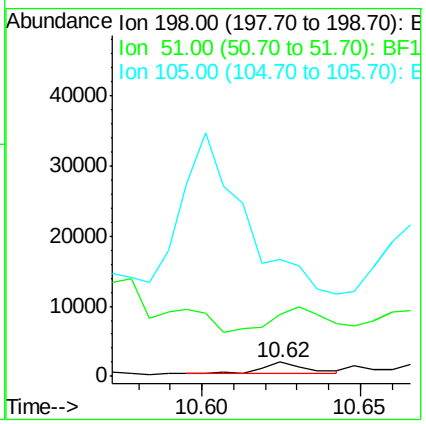


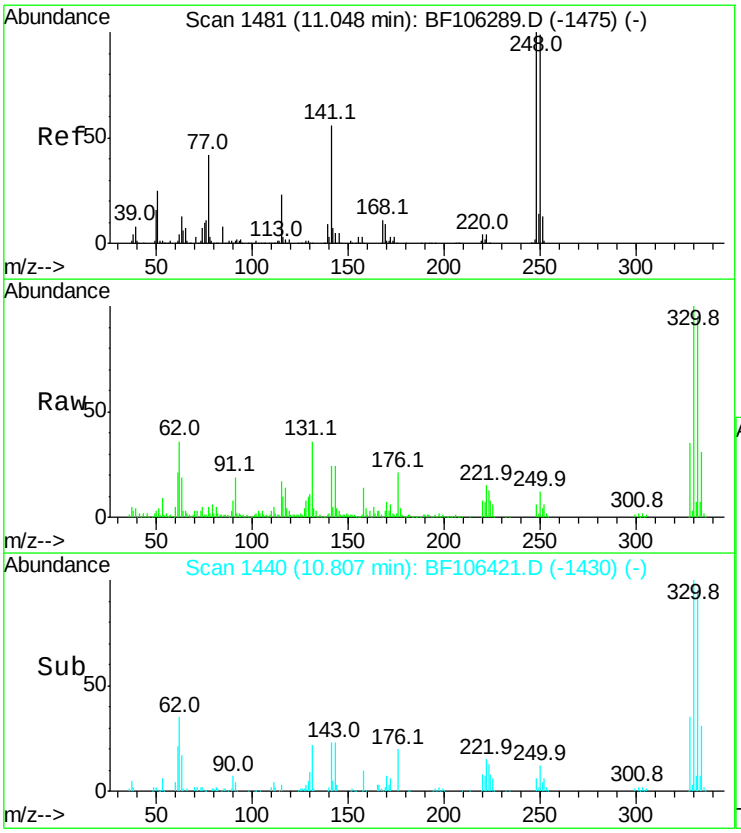
#64
4,6-Dinitro-2-methylphenol
Concen: 6.797 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.02 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1592

Ion	Ratio	Lower	Upper
198	100		
51	432.6	37.7	77.7#
105	821.8	36.3	76.3#

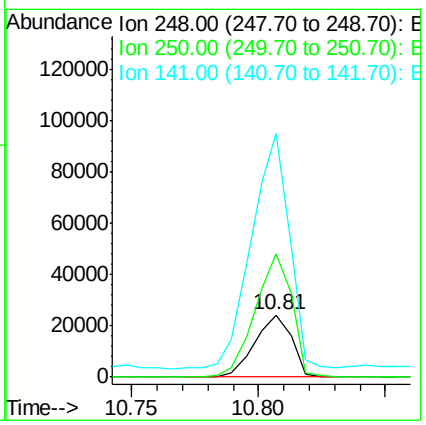


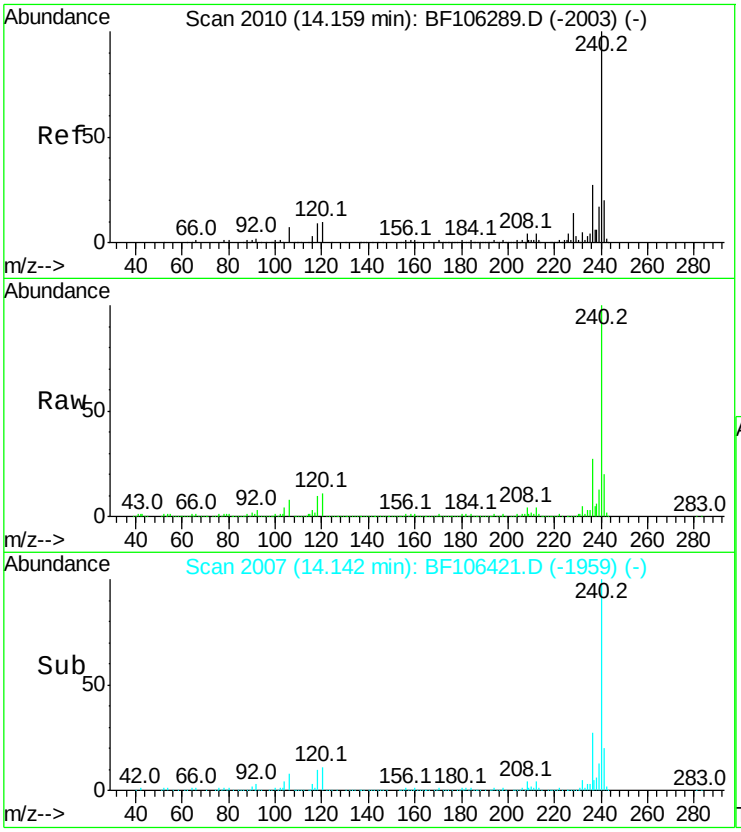


#66
4-Bromophenyl-phenylether
Concen: 4.237 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion:248 Resp: 24601

Ion	Ratio	Lower	Upper
248	100		
250	199.3	76.9	115.3#
141	392.7	74.4	111.6#



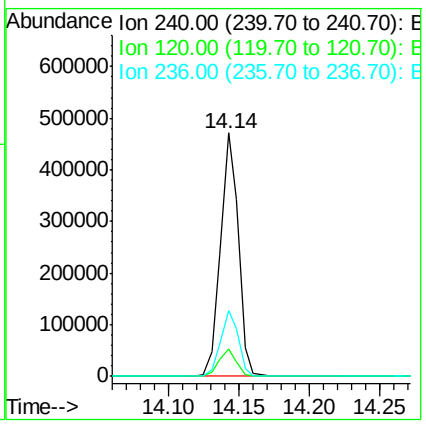


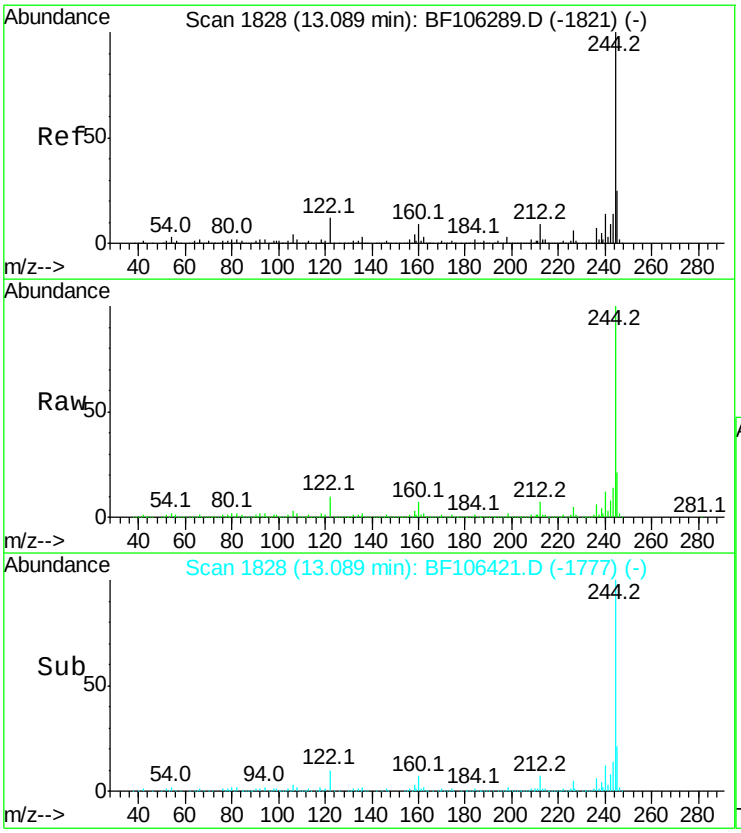
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 414679

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	27.2	20.7	31.1

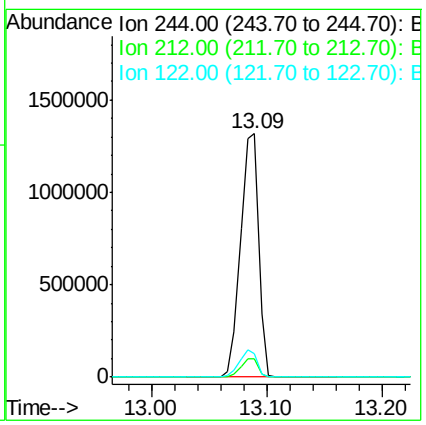


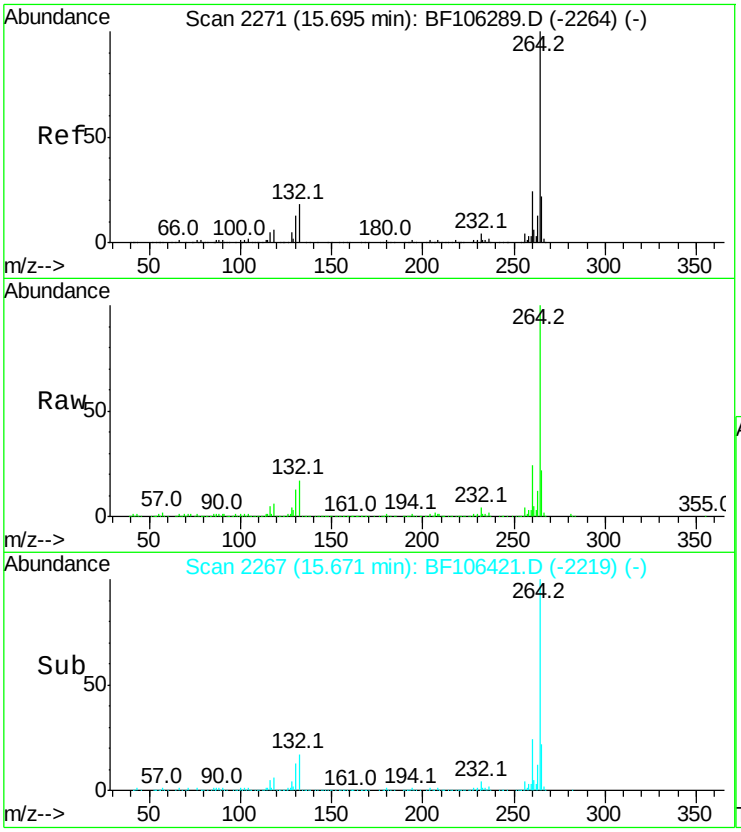


#78
Terphenyl-d14
Concen: 85.834 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion:244 Resp: 1433035

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	9.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 393799

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.5	26.3