Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Time: Jun 15 08:36:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120094	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	403844	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	161441	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	295034	20.00	ng		0.00
75) Chrysene-d12	14.15	240	285644	20.00	ng		-0.01
86) Perylene-d12	15.68	264	200005	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	335682	47.31	ng		0.00
7) Phenol-d6	6.61	99	253459	28.27	ng		0.00
23) Nitrobenzene-d5	7.53	82	517380	75.37	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	191985	123.59	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	844377	97.05	ng		0.00
78) Terphenyl-d14	13.08	244	873489	75.95	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.63	94	52406	5.355	ng		99
20) 3+4-Methylphenols	7.38	107	94228	10.823	ng		88
31) Naphthalene	8.28	128	910853	49.894	ng		99
37) 2-Methylnaphthalene	8.97	142	472813	38.025	ng		97
45) 1,1'-Biphenyl	9.42	154	41678	3.333	ng		93
49) Dimethylphthalate	9.72	163	83696	7.256	ng	#	93

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

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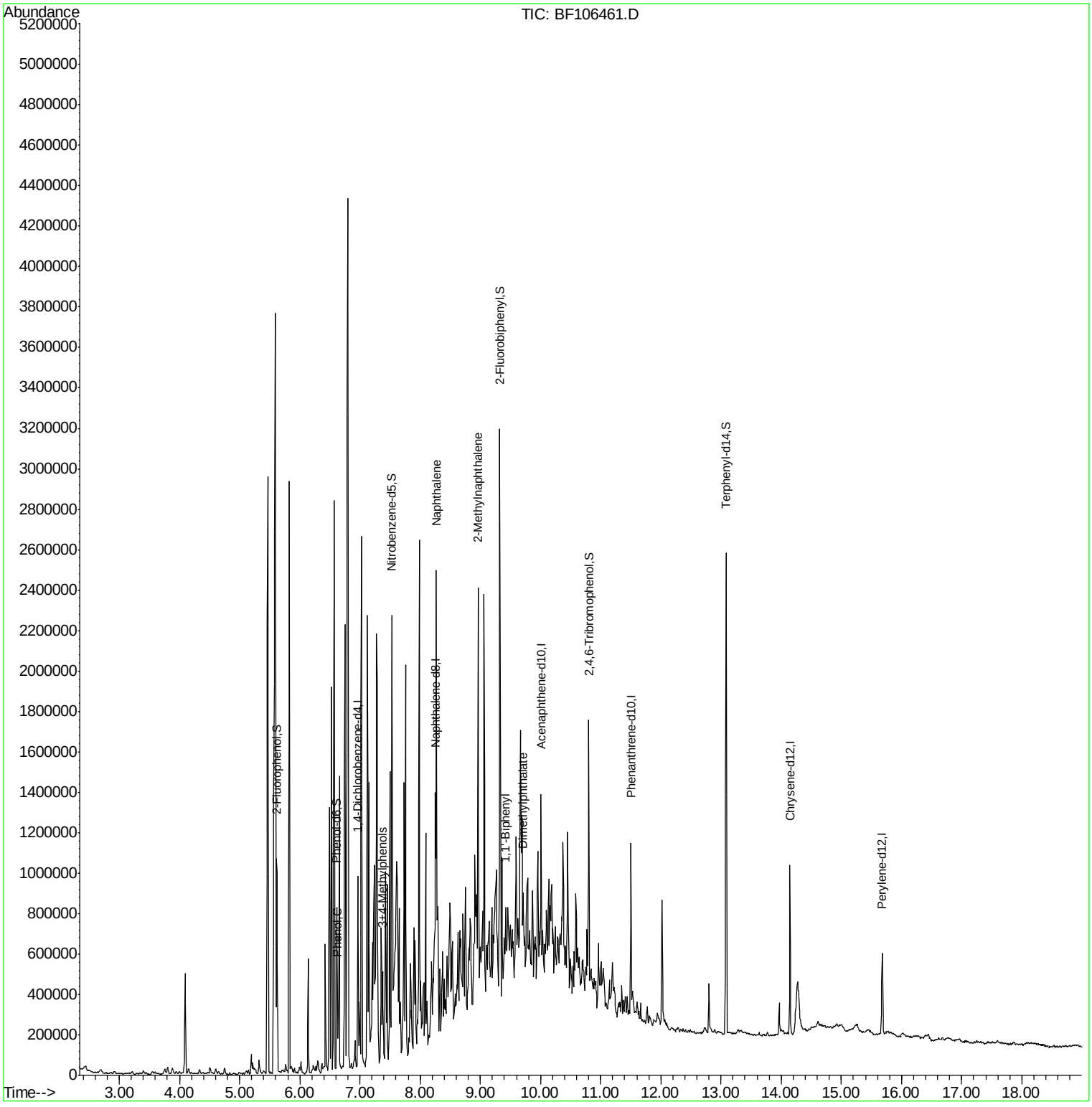
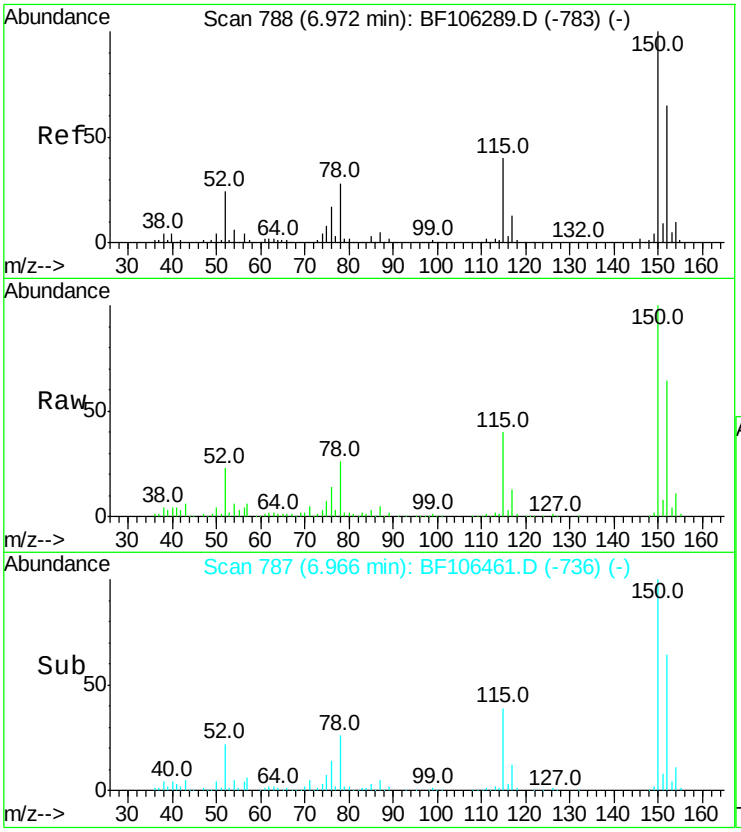


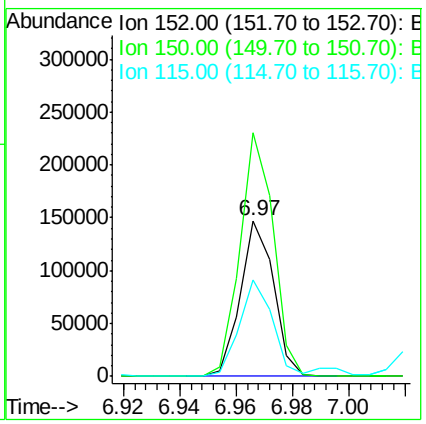


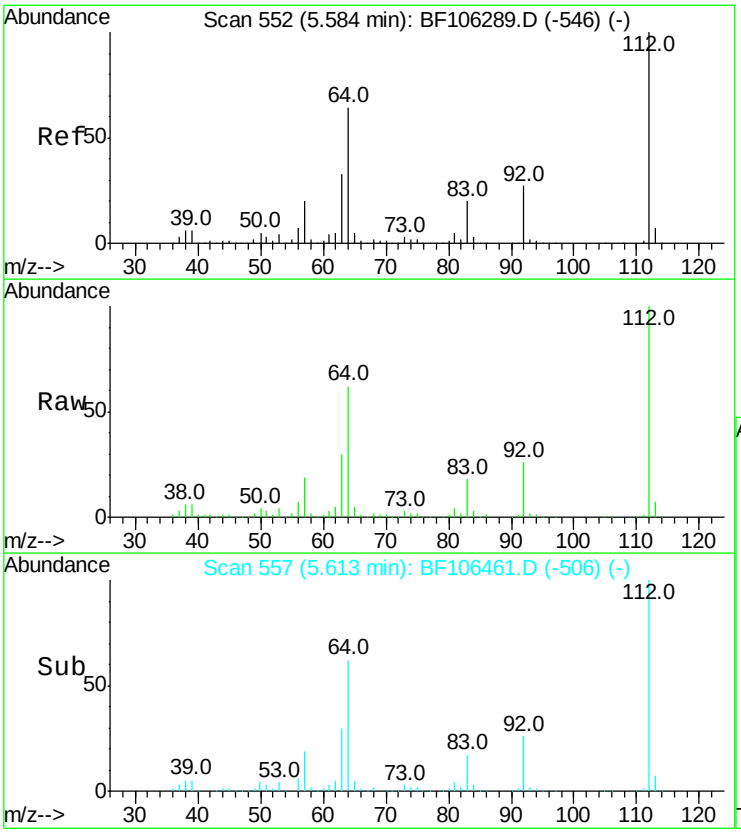
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

Tgt Ion:152 Resp: 120094

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	62.1	50.1	75.1

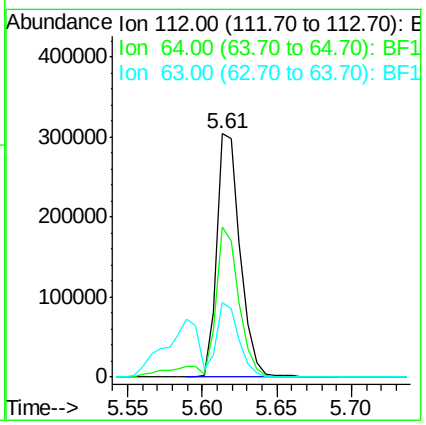


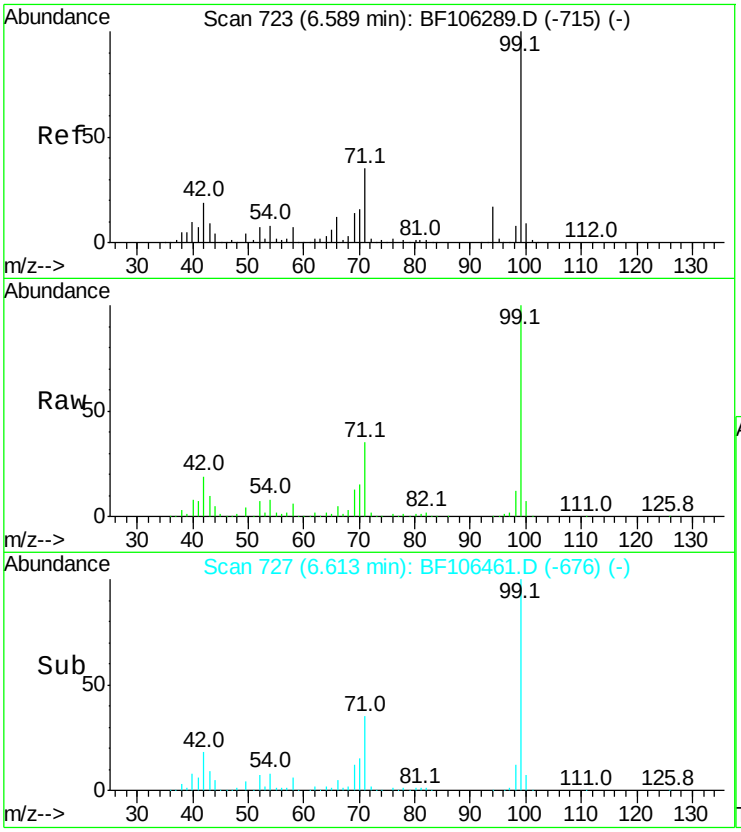


#5
2-Fluorophenol
Concen: 47.308 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion:112 Resp: 335682

Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.9	71.9
63	30.5	23.7	35.5



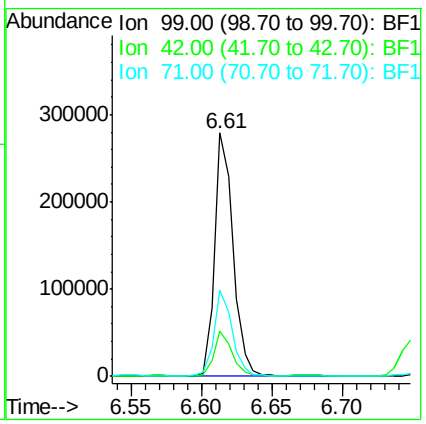


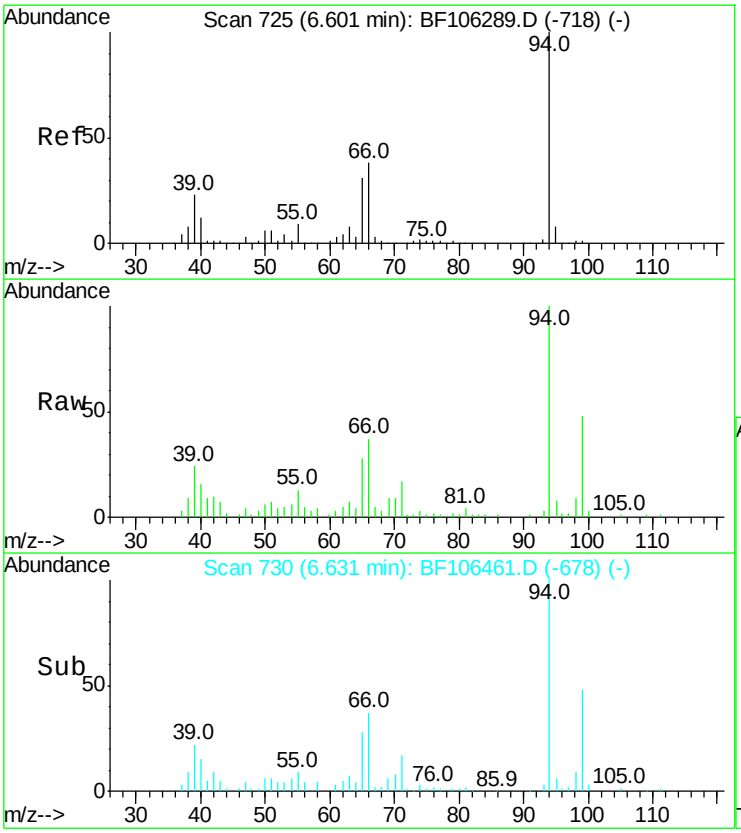
#7
Phenol-d6
Concen: 28.273 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

Tgt Ion: 99 Resp: 253459

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	35.2	25.4	38.0

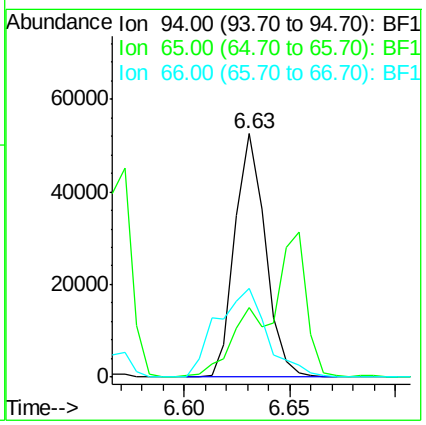


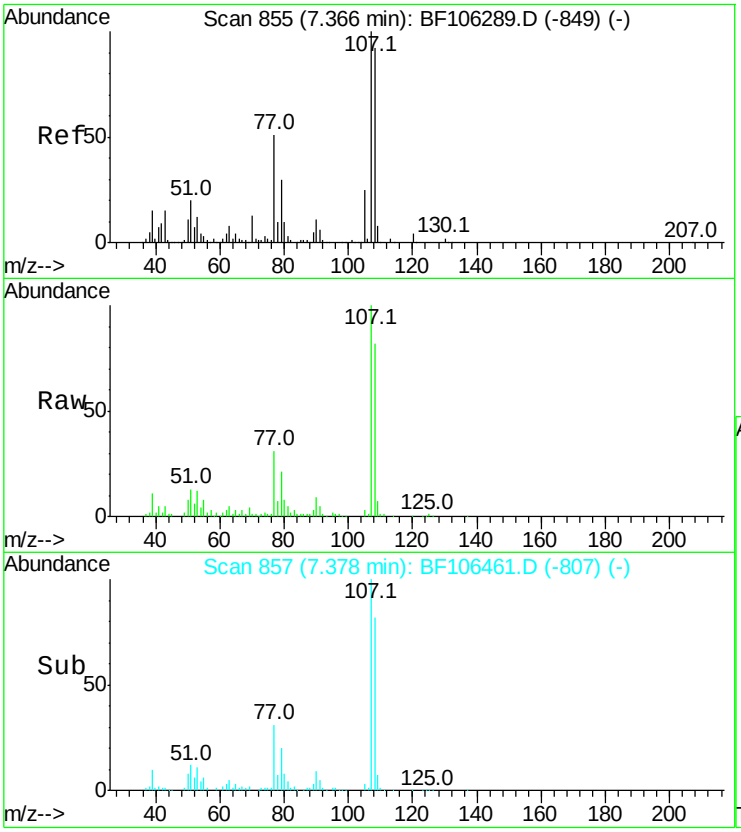


#10
Phenol
Concen: 5.355 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion: 94 Resp: 52406

Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.9	47.9
66	36.7	16.2	56.2



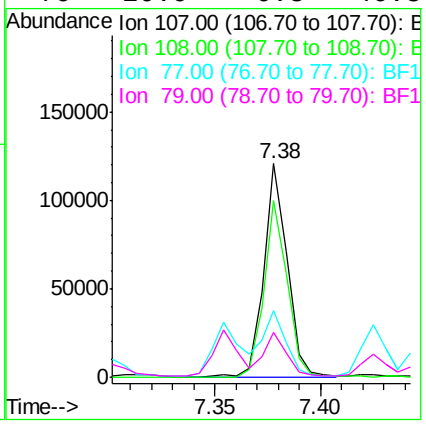


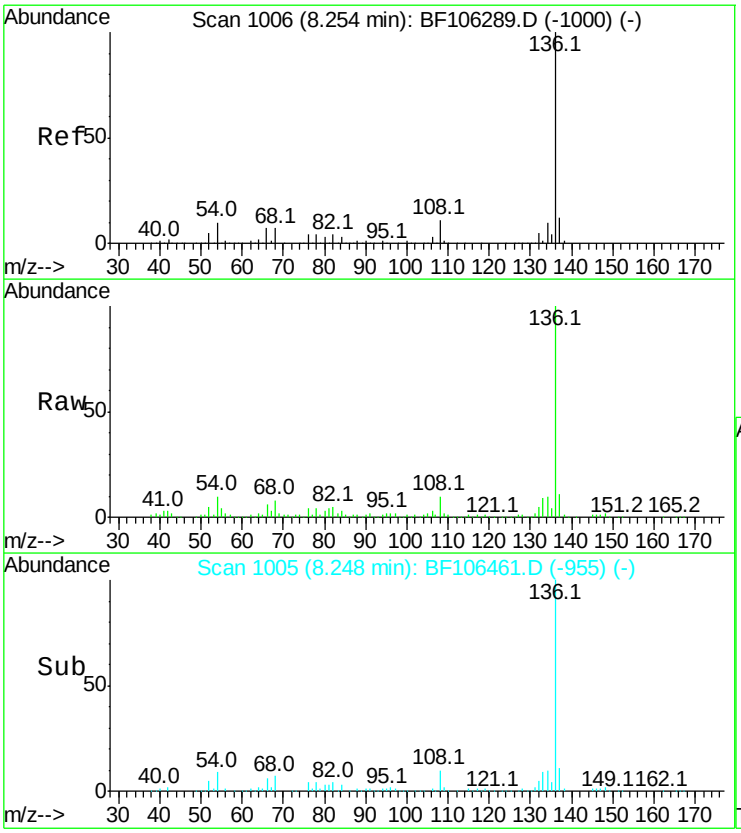
#20
3+4-Methylphenols
Concen: 10.823 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

Tgt Ion:107 Resp: 94228

Ion	Ratio	Lower	Upper
107	100		
108	82.5	68.2	108.2
77	31.5	26.7	66.7
79	20.9	6.3	46.3

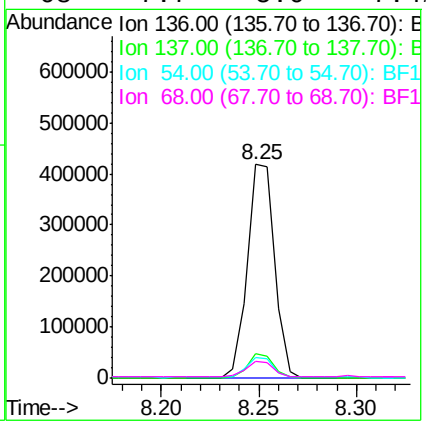


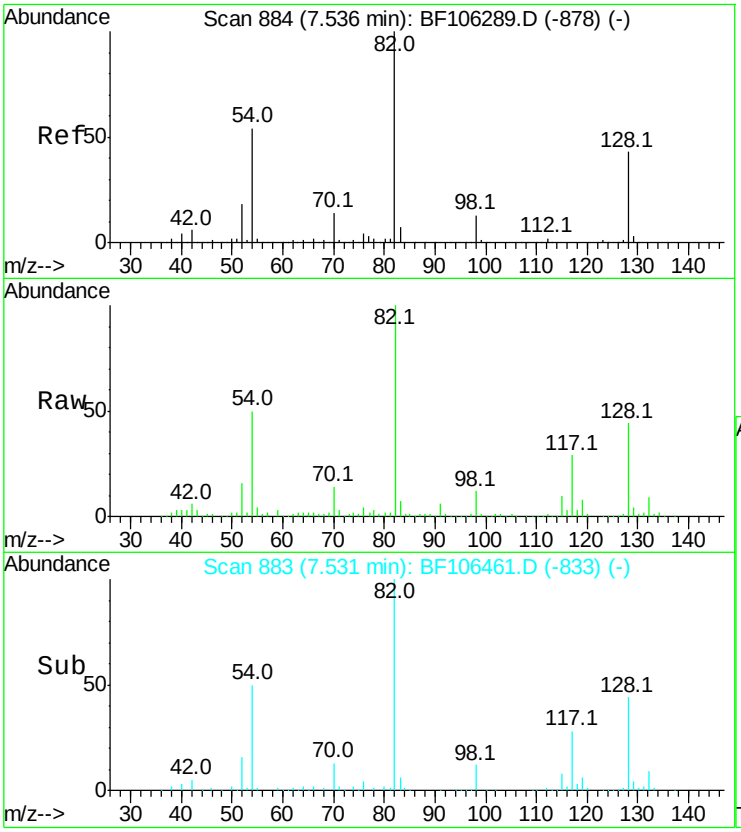


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion:136 Resp: 403844

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.7	6.6	9.8
68	7.7	5.0	7.4#



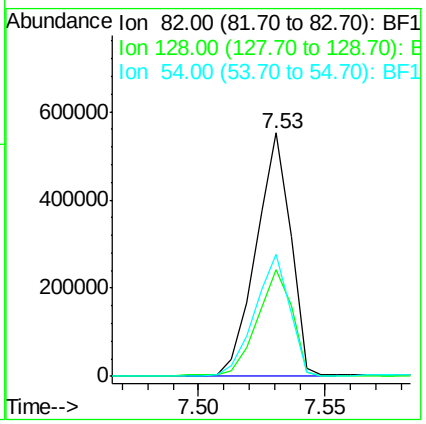


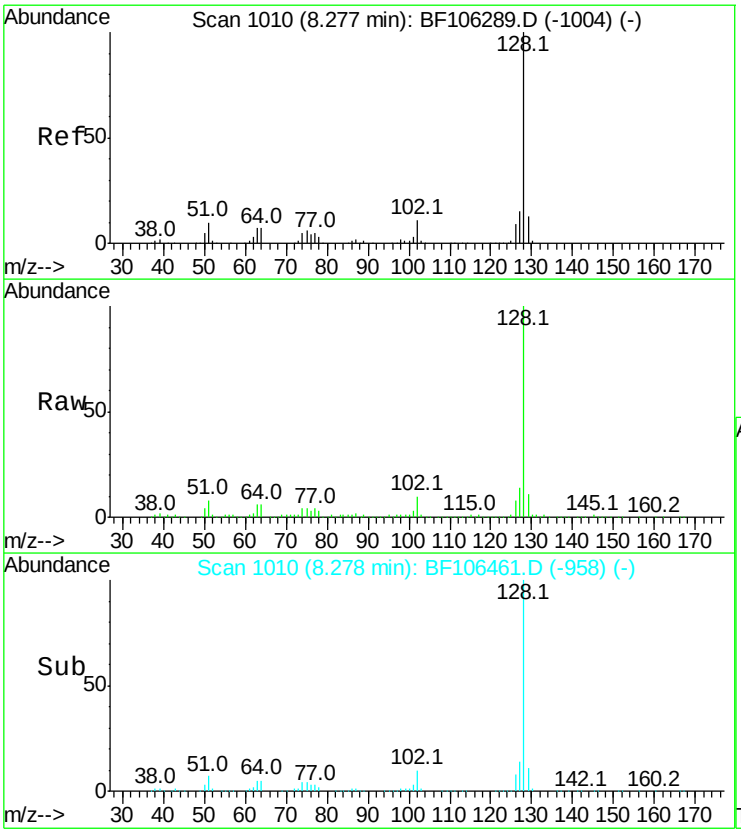
#23
Nitrobenzene-d5
Concen: 75.367 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

Tgt Ion: 82 Resp: 517380

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	50.1	41.4	62.2

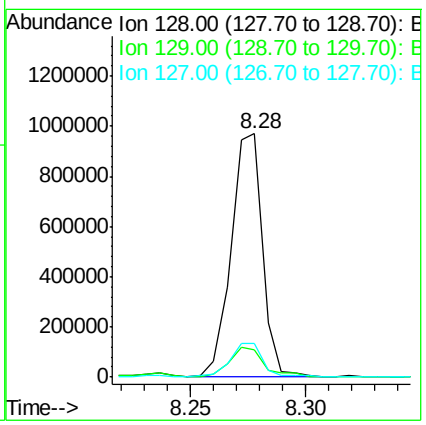


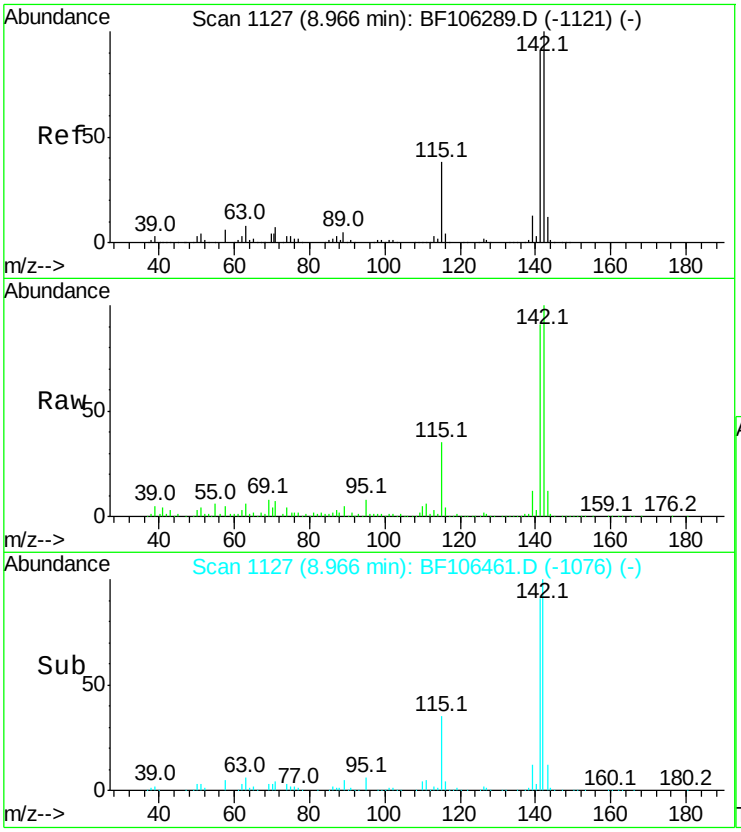


#31
Naphthalene
Concen: 49.894 ng
RT: 8.28 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion:128 Resp: 910853

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.8	10.9	16.3



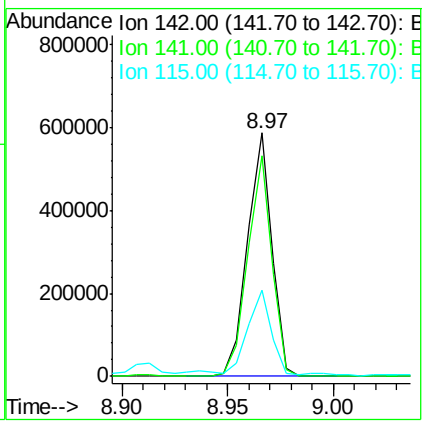


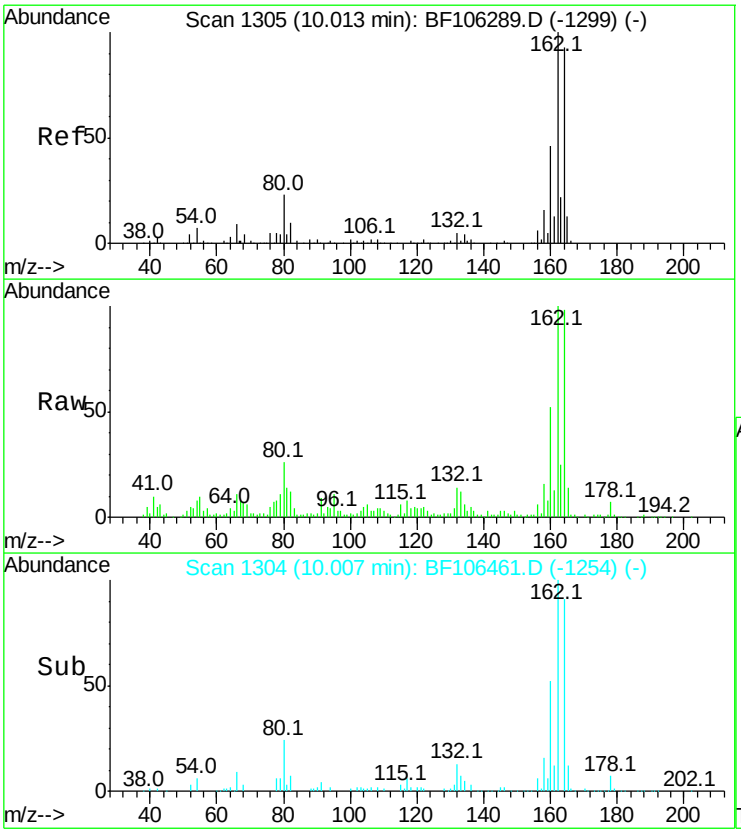
#37
2-Methylnaphthalene
Concen: 38.025 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

Tgt Ion:142 Resp: 472813

Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	35.3	26.1	39.1

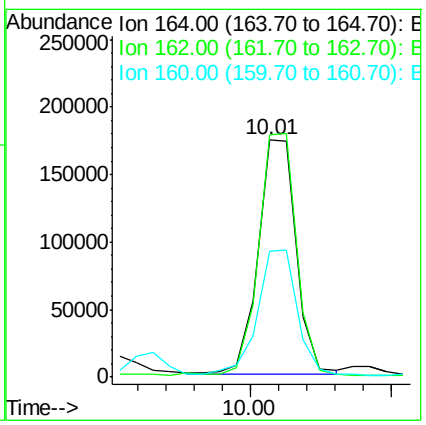


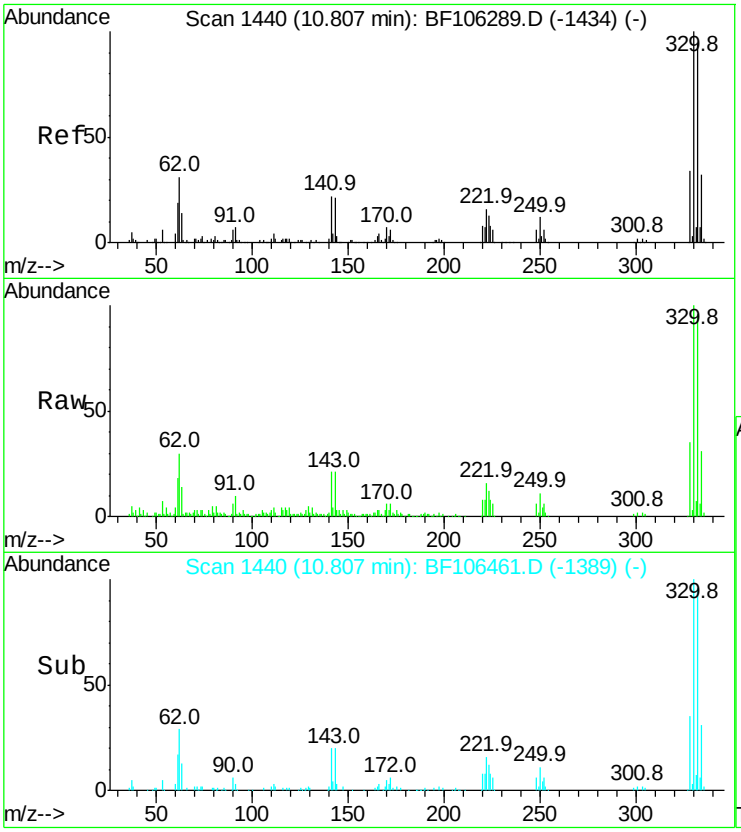


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion:164 Resp: 161441

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	53.0	38.3	57.5



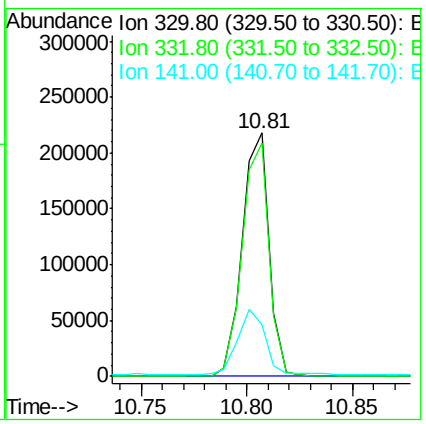


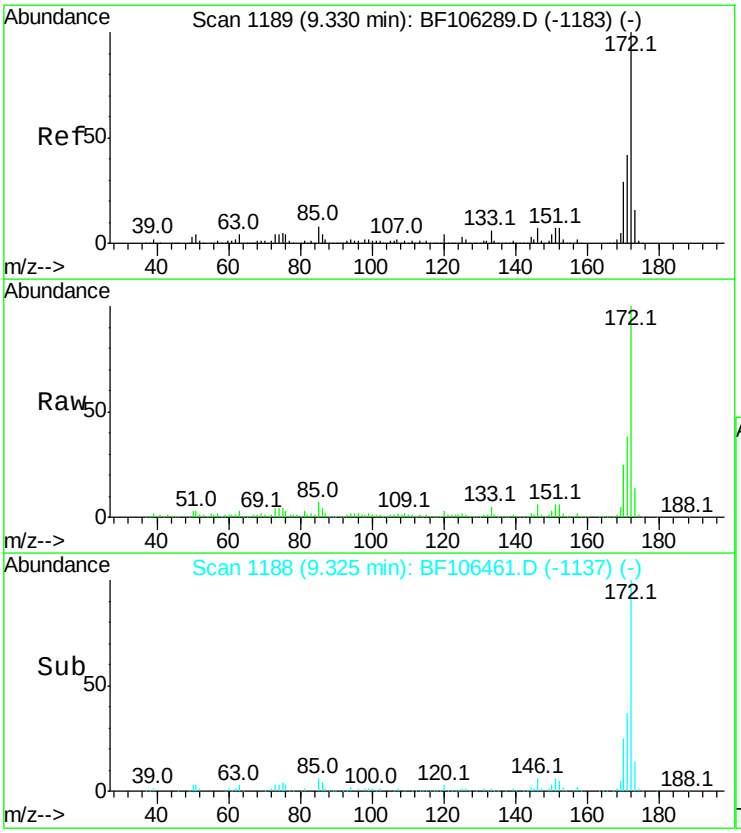
#41
2,4,6-Tribromophenol
Concen: 123.595 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

Tgt Ion:330 Resp: 191985

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	27.6	29.9	44.9#

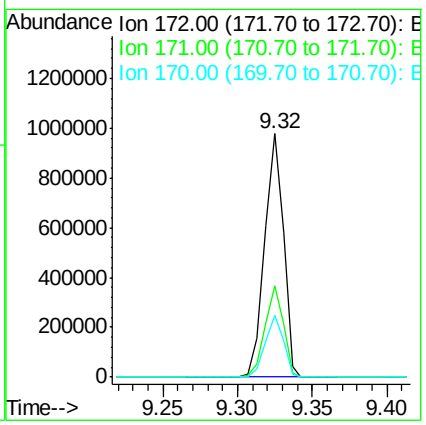


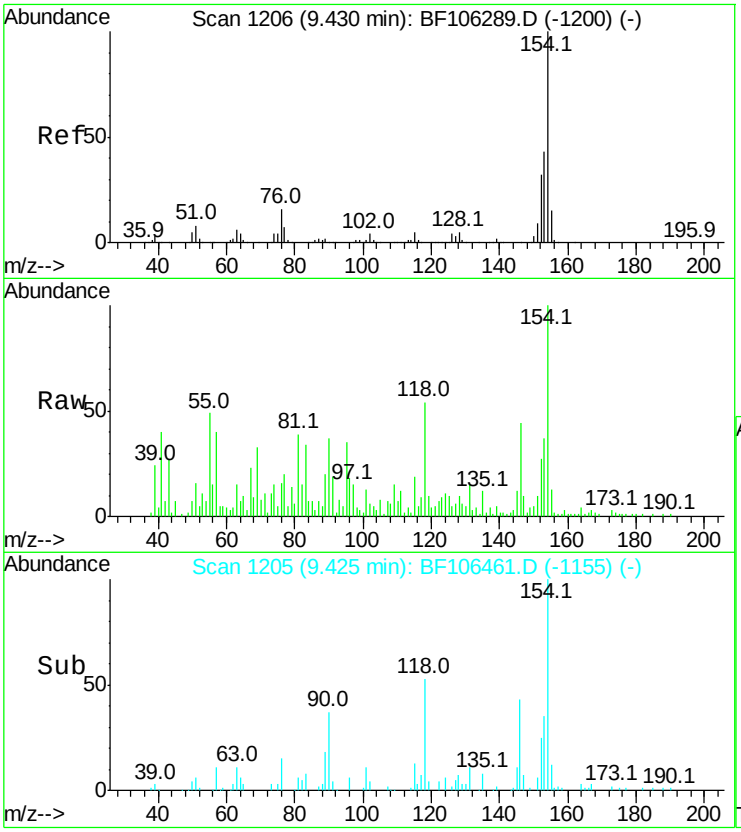


#44
2-Fluorobiphenyl
Concen: 97.054 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion:172 Resp: 844377

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.4	19.6	29.4



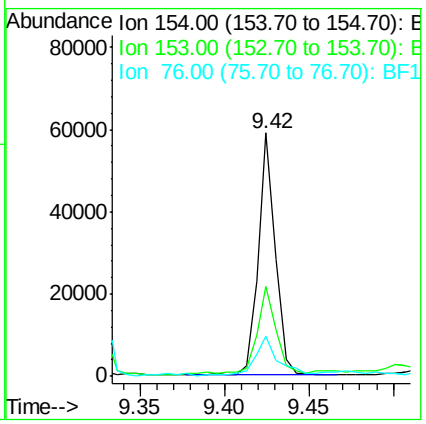


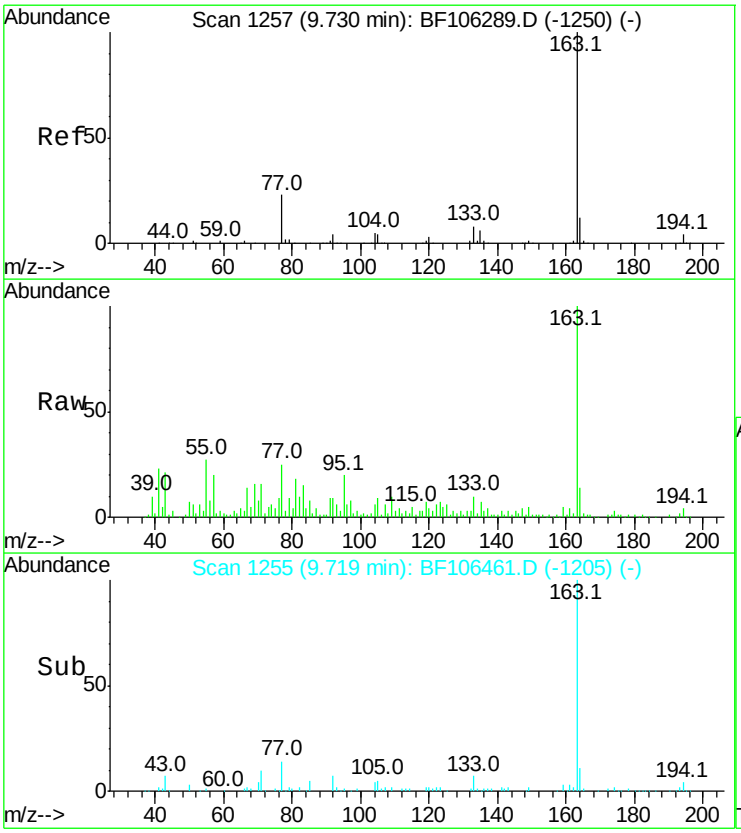
#45
1,1'-Biphenyl
Concen: 3.333 ng
RT: 9.42 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

Tgt Ion:154 Resp: 41678

Ion	Ratio	Lower	Upper
154	100		
153	37.0	21.3	61.3
76	16.4	0.0	34.0

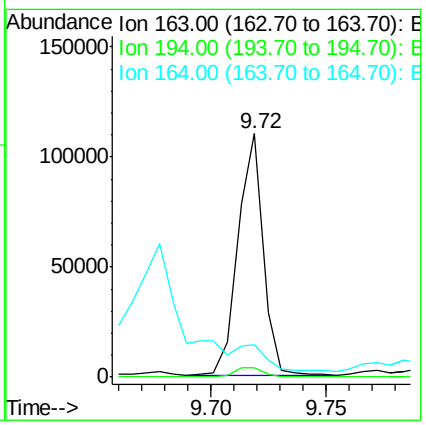


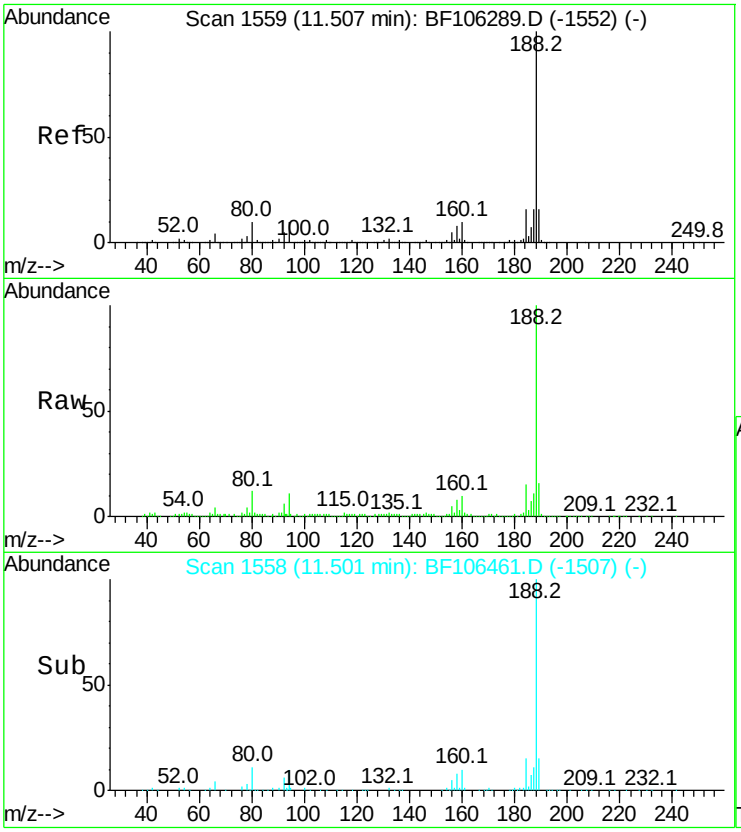


#49
Dimethylphthalate
Concen: 7.256 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion:163 Resp: 83696

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	13.6	8.2	12.2#



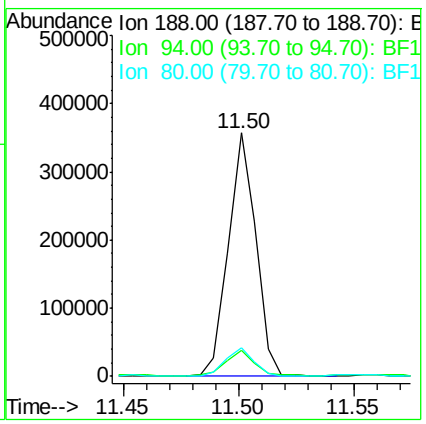


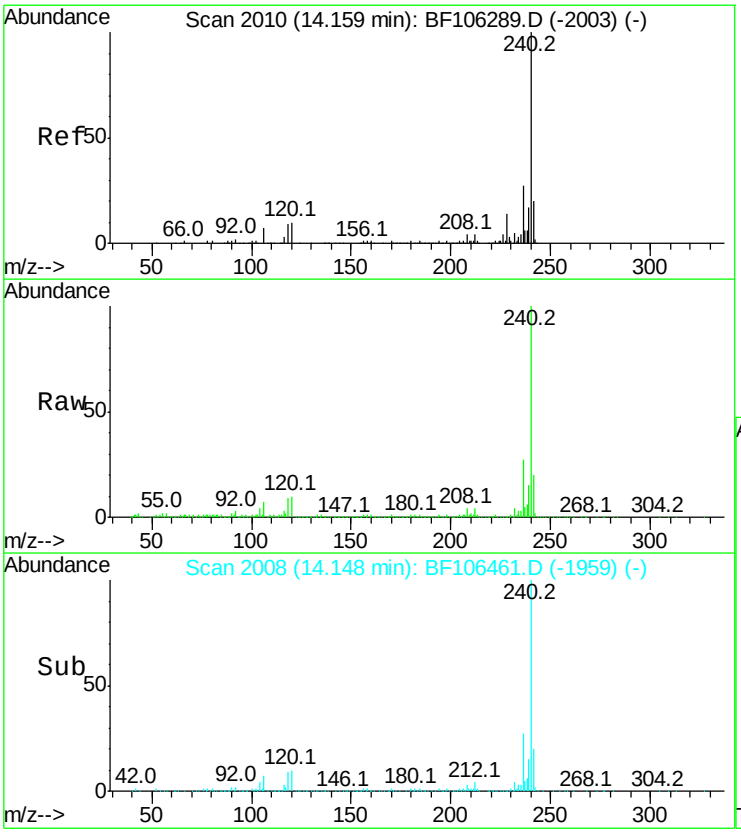
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

Tgt Ion:188 Resp: 295034

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.5	9.2	13.8

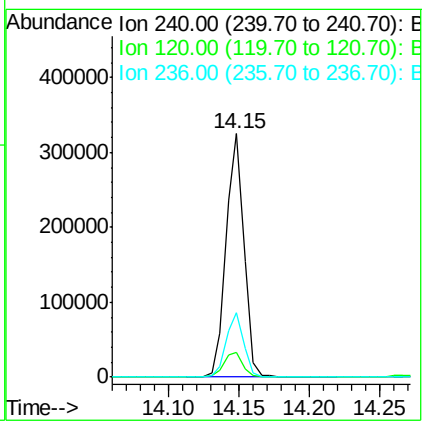


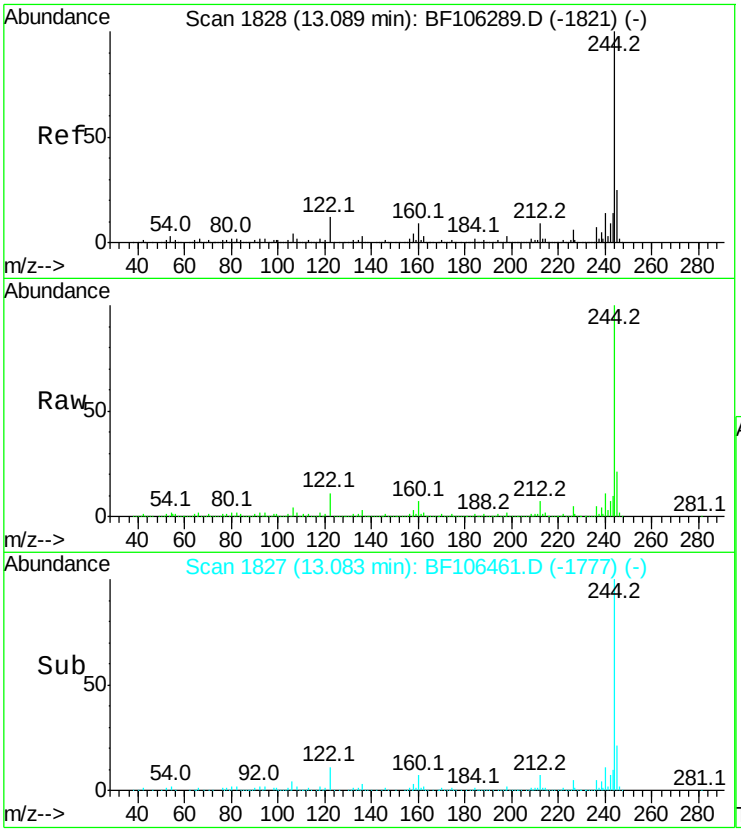


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion:240 Resp: 285644

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.6	20.7	31.1



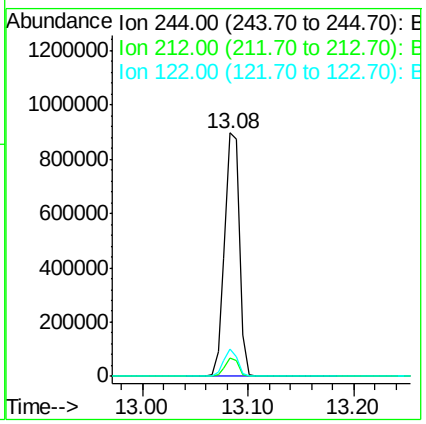


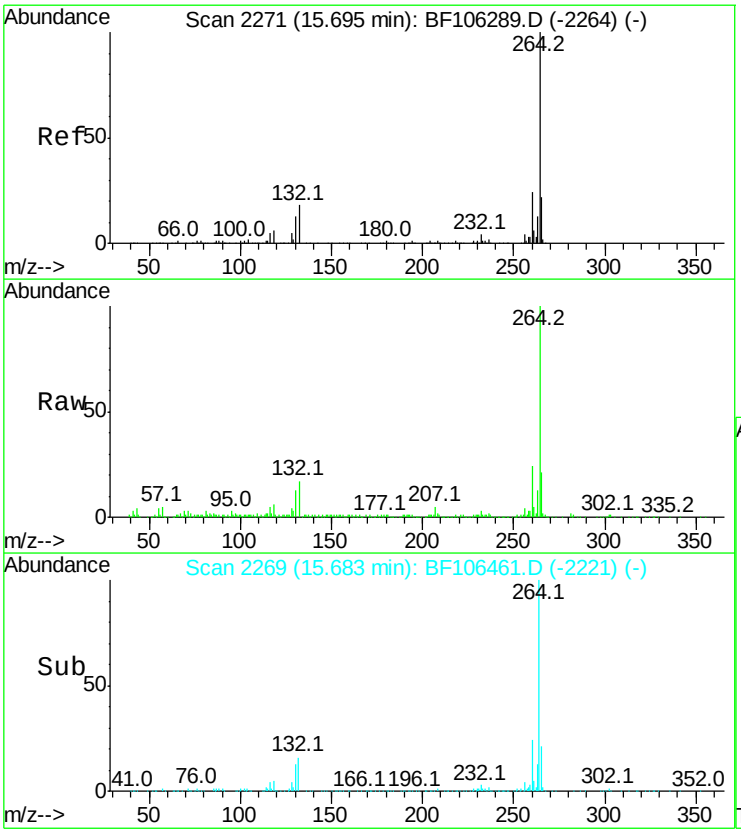
#78
Terphenyl-d14
Concen: 75.953 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

Tgt Ion:244 Resp: 873489

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion:264 Resp: 200005

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.5	26.3