Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010418\
Data File : BF101891.D
Acq On : 4 Jan 2018 15:26
Operator : SJ/JU
Sample : J1011-05 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-C

Quant Time: Jan 04 16:09:37 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	118675	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	435295	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	169165	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	256261	20.00	ng	0.00
75) Chrysene-d12	13.95	240	260756	20.00	ng	0.00
86) Perylene-d12	15.42	264	263936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	169485	21.27	ng	0.02
7) Phenol-d6	6.44	99	190968	19.26	ng	0.02
23) Nitrobenzene-d5	7.35	82	64822	8.29	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	20005	12.27	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	190742	17.49	ng	0.00
78) Terphenyl-d14	12.88	244	139469	12.89	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	31836	4.348	ng	# 1
18) Hexachloroethane	7.30	117	54504	16.230	ng	# 1
19) n-Nitroso-di-n-propylamine	7.18	70	17592	2.702	ng	# 73
22) Acetophenone	7.23	105	34755	3.499	ng	# 42
25) Isophorone	7.57	82	37286	2.377	ng	# 1
31) Naphthalene	8.08	128	58806	2.683	ng	# 85
32) Benzoic acid	7.90	122	470	8.053	ng	# 1
37) 2-Methylnaphthalene	8.77	142	53915	3.776	ng	94
53) 2,4-Dinitrophenol	10.01	184	126	10.434	ng	# 1
74) Fluoranthene	12.53	202	31681	2.118	ng	99

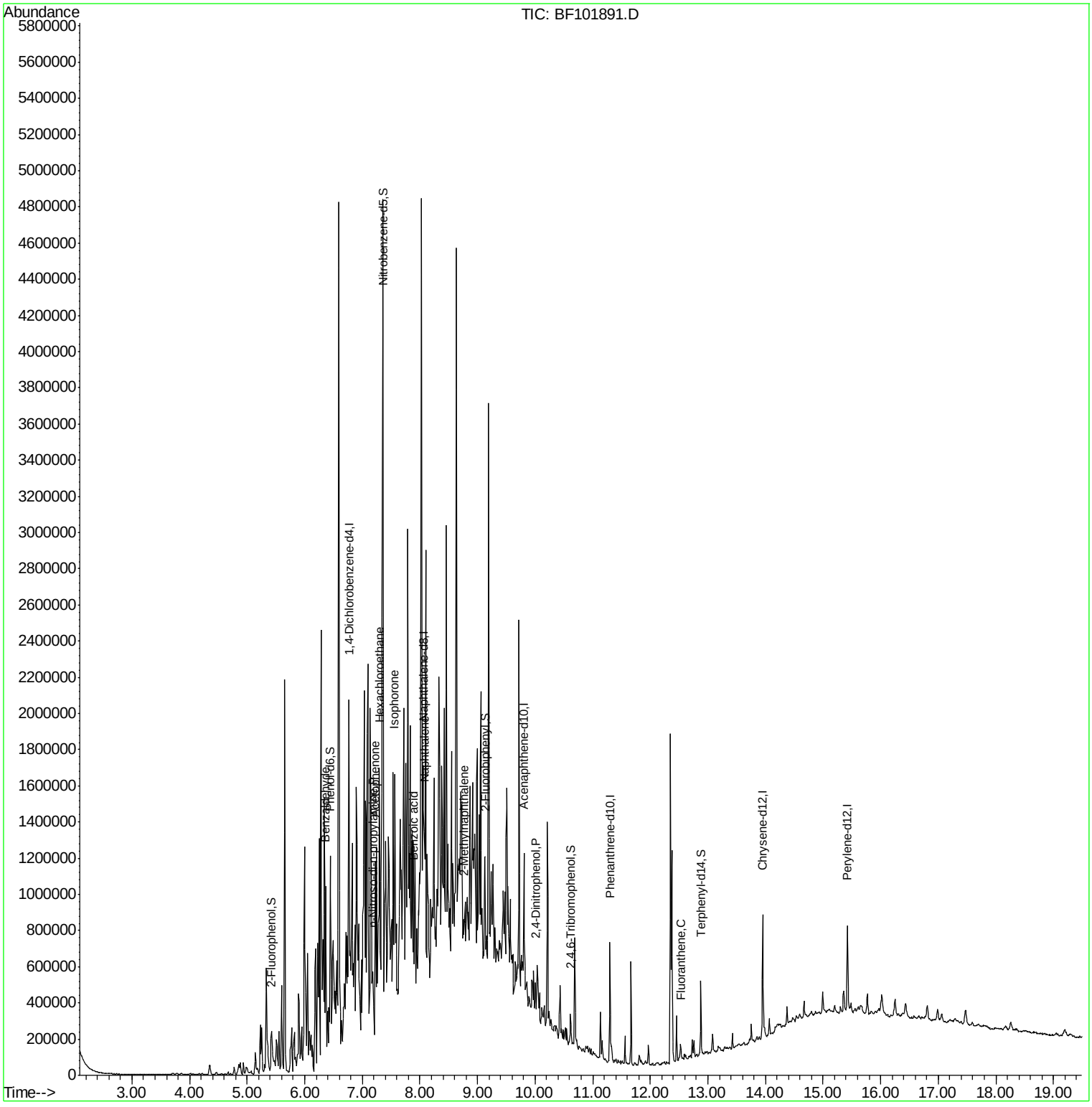
(#) = qualifier out of range (m) = manual integration (+) = signals summed

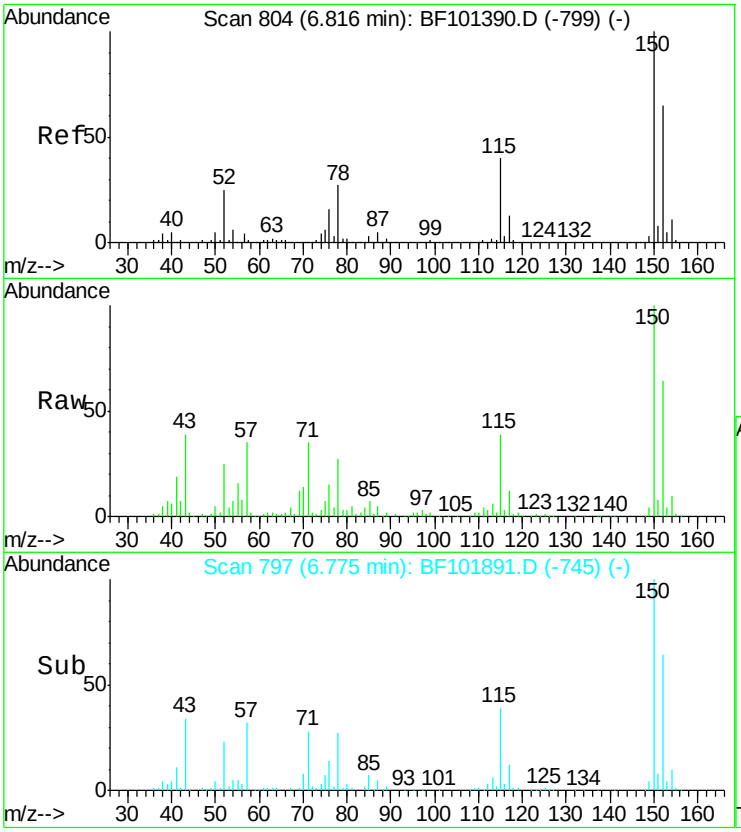
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010418\
Data File : BF101891.D
Acq On : 4 Jan 2018 15:26
Operator : SJ/JU
Sample : J1011-05 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Quant Time: Jan 04 16:09:37 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration



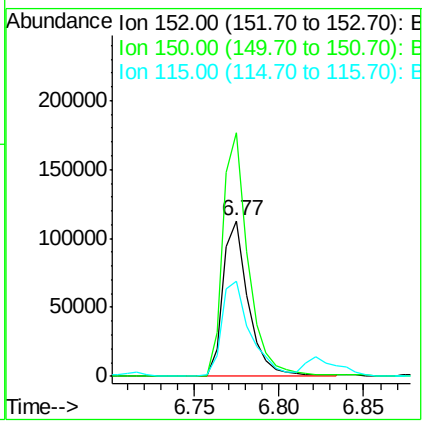


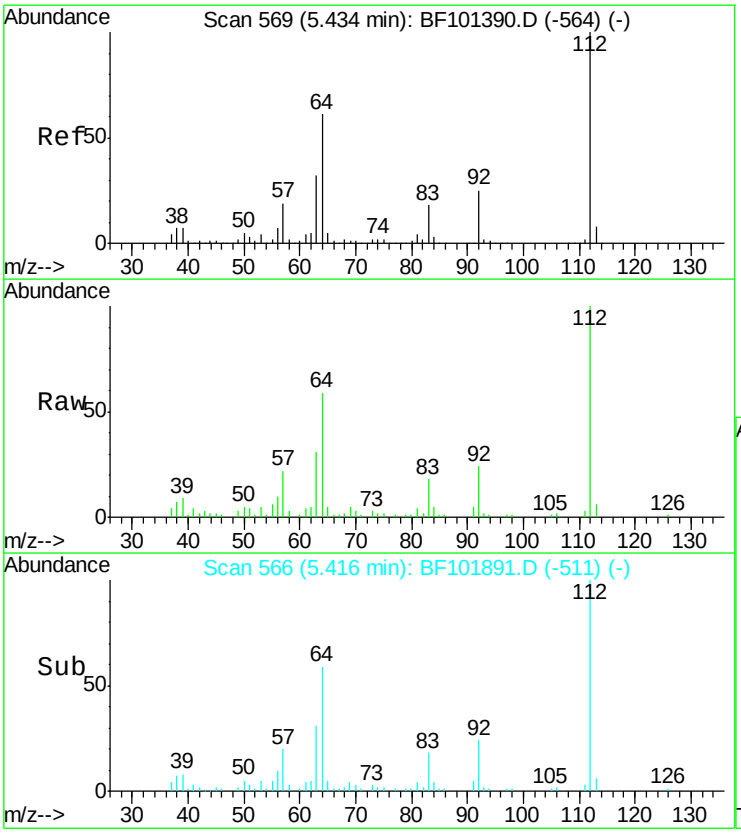
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tgt Ion:152 Resp: 118675

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	60.9	50.1	75.1

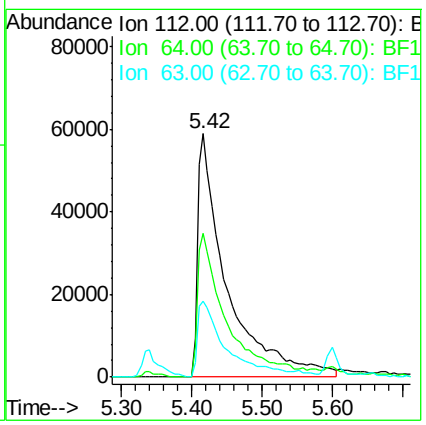


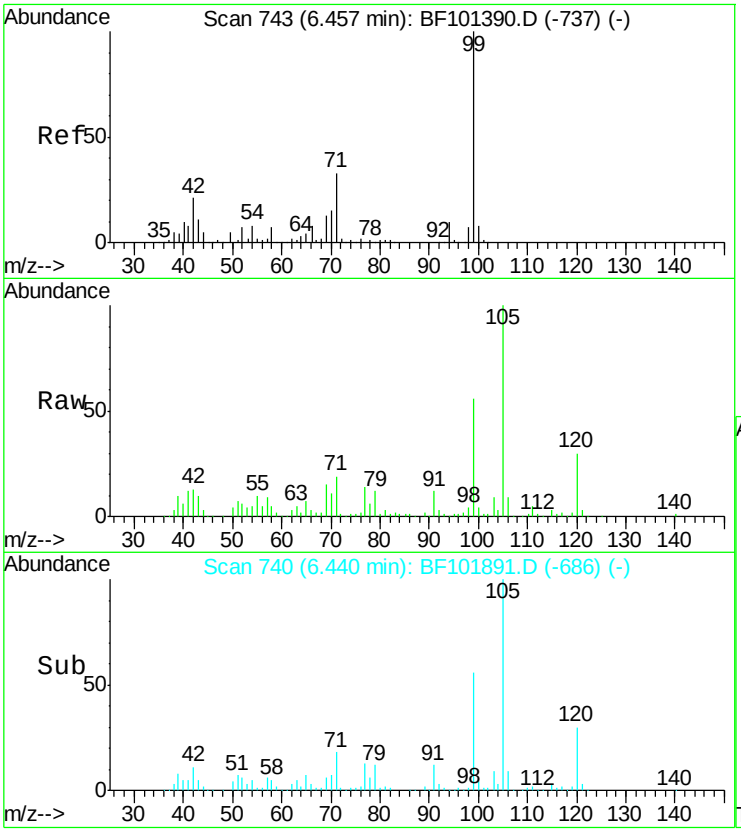


#5
2-Fluorophenol
Concen: 21.273 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion:112 Resp: 169485

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	31.4	23.7	35.5



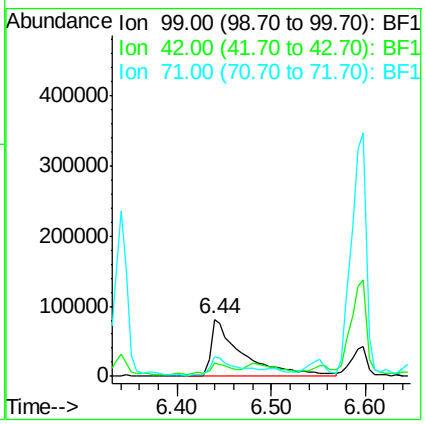


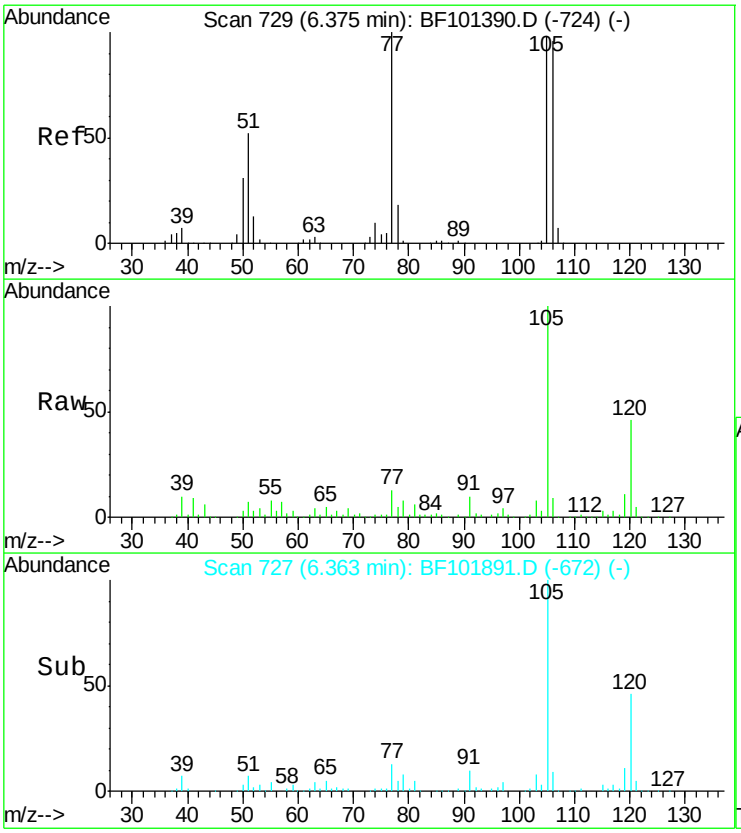
#7
Phenol-d6
Concen: 19.260 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.02 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tgt Ion: 99 Resp: 190968

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	34.8	25.4	38.0

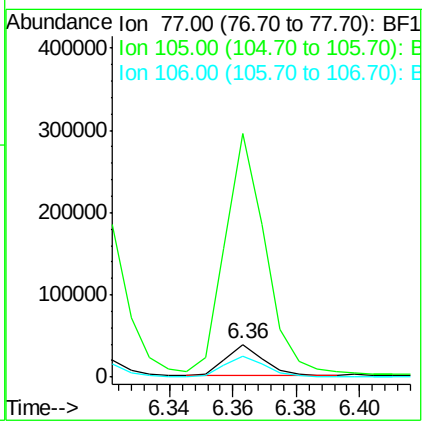


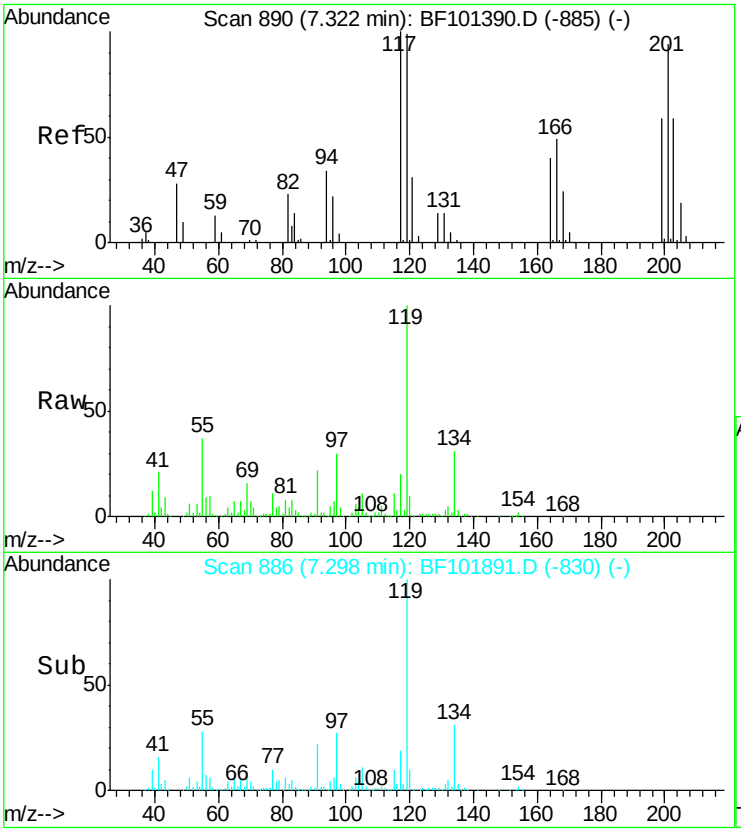


#9
Benzaldehyde
Concen: 4.348 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.02 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion: 77 Resp: 31836

Ion	Ratio	Lower	Upper
77	100		
105	748.7	81.1	121.1#
106	66.2	74.5	114.5#



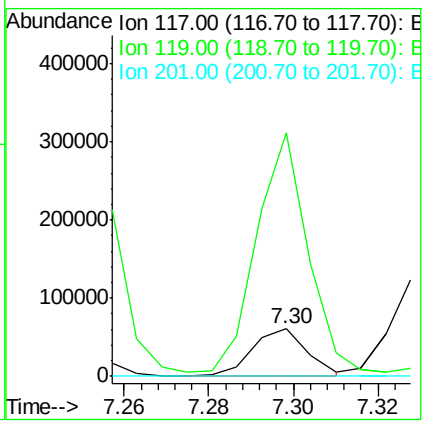


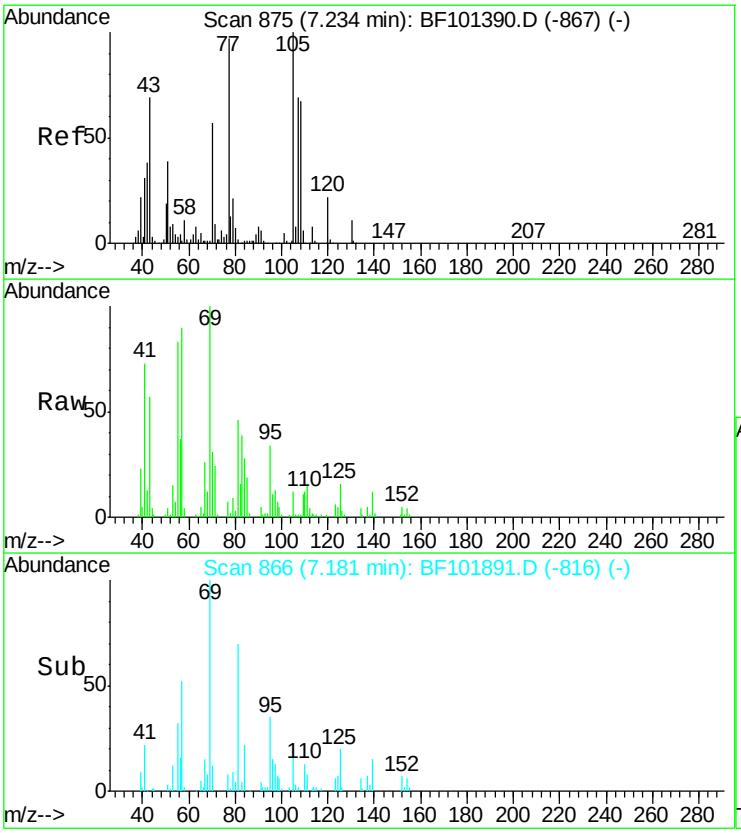
#18
Hexachloroethane
Concen: 16.230 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.03 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tgt Ion:117 Resp: 54504

Ion	Ratio	Lower	Upper
117	100		
119	511.8	75.8	113.8#
201	0.0	75.7	113.5#

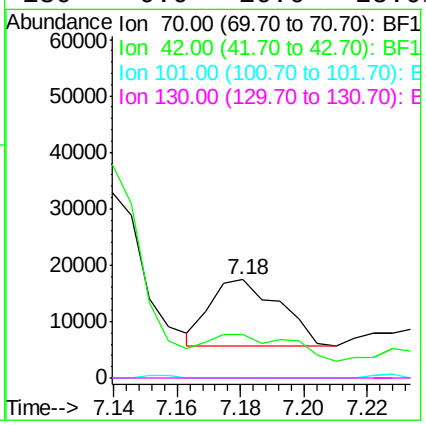


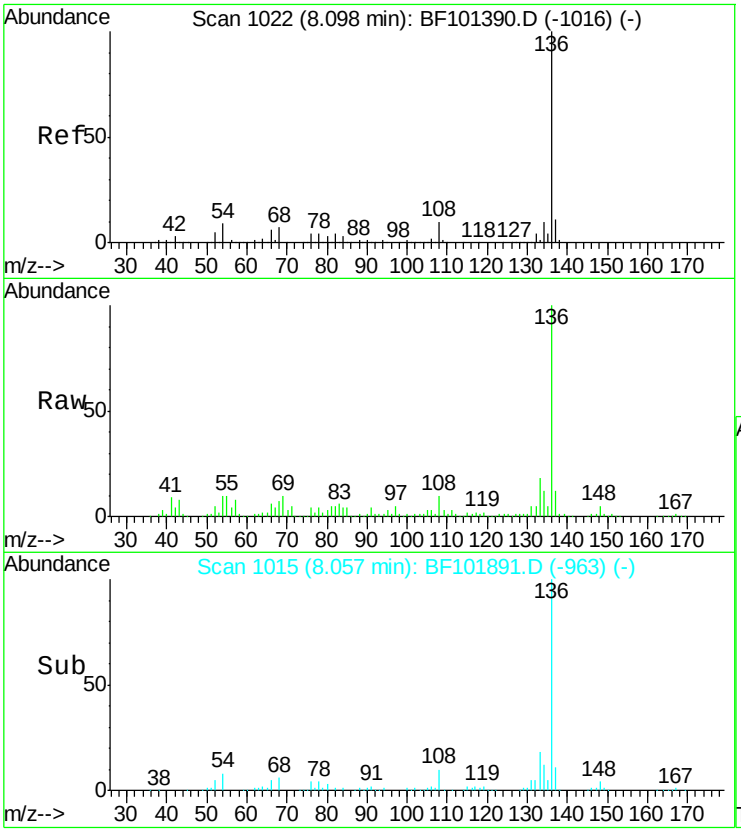


#19
n-Nitroso-di-n-propylamine
Concen: 2.702 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion: 70 Resp: 17592

Ion	Ratio	Lower	Upper
70	100		
42	43.9	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



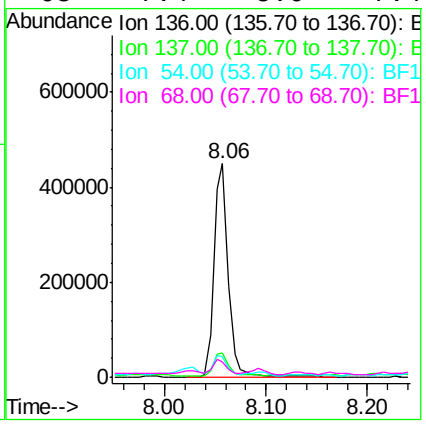


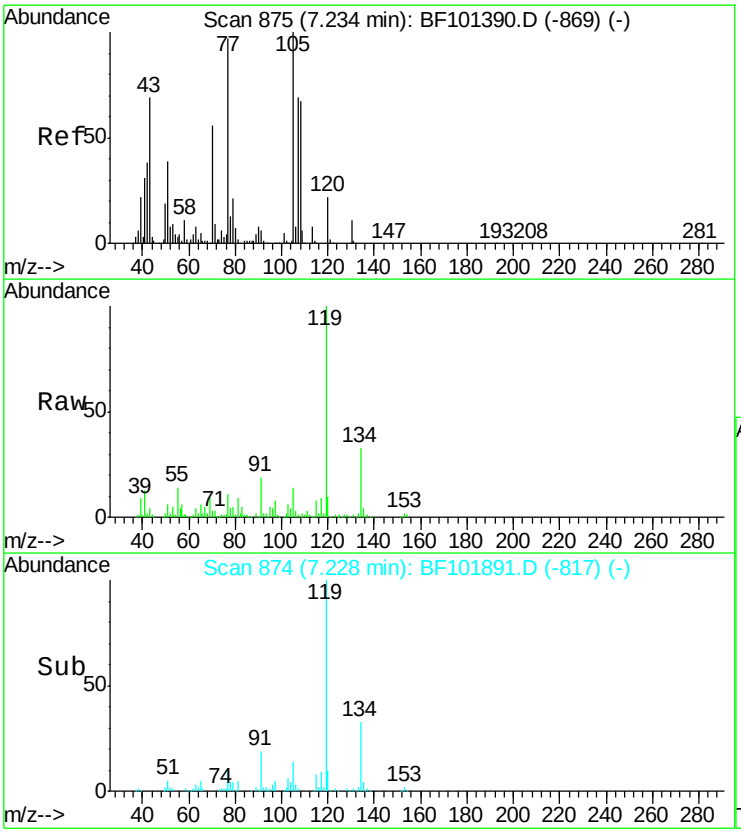
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tgt Ion:136 Resp: 435295

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

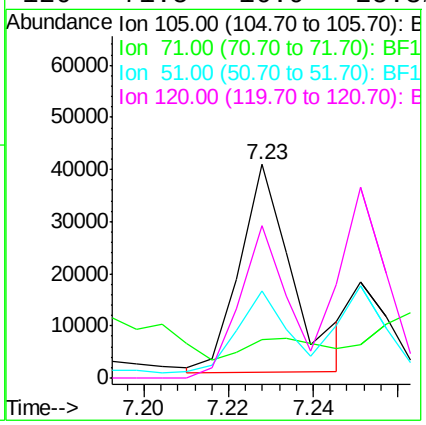


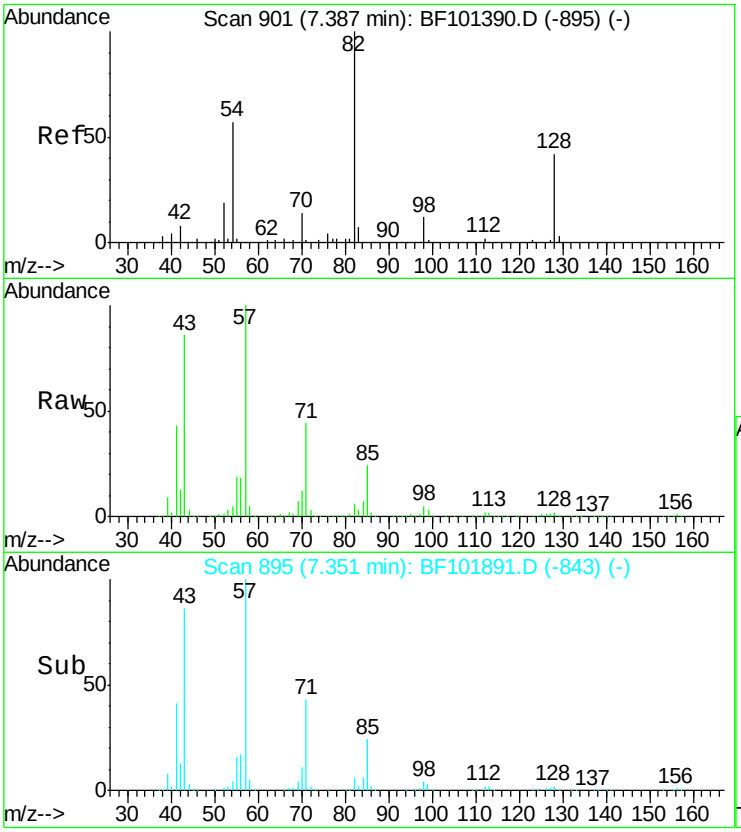


#22
Acetophenone
Concen: 3.499 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.04 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion:105 Resp: 34755

Ion	Ratio	Lower	Upper
105	100		
71	18.2	4.4	6.6#
51	40.8	22.3	33.5#
120	71.5	16.9	25.3#



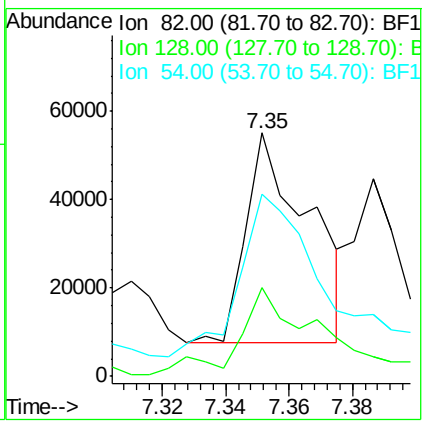


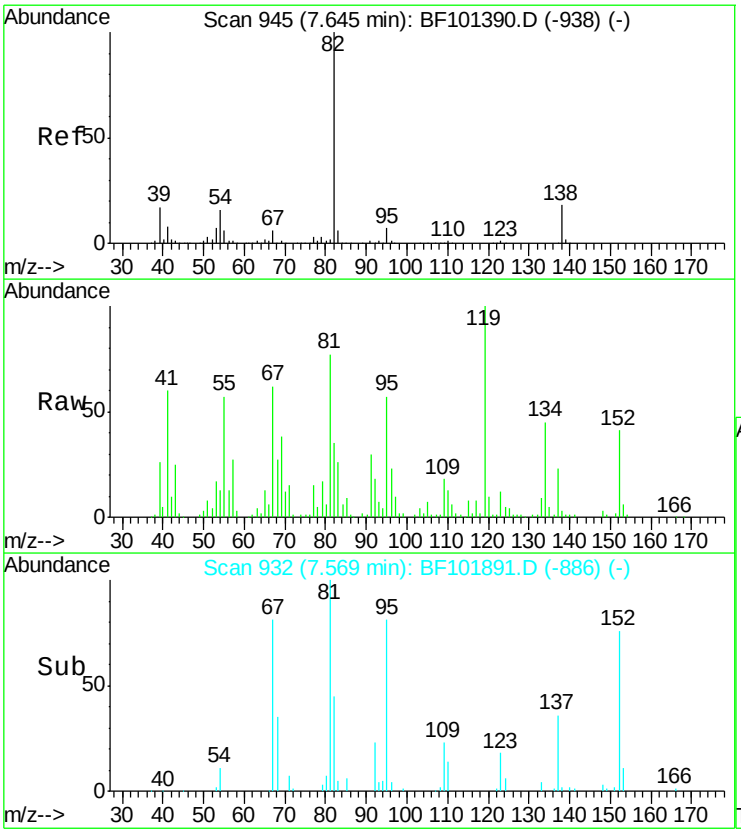
#23
Nitrobenzene-d5
Concen: 8.289 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tgt Ion: 82 Resp: 64822

Ion	Ratio	Lower	Upper
82	100		
128	36.7	36.1	54.1
54	75.0	41.4	62.2#

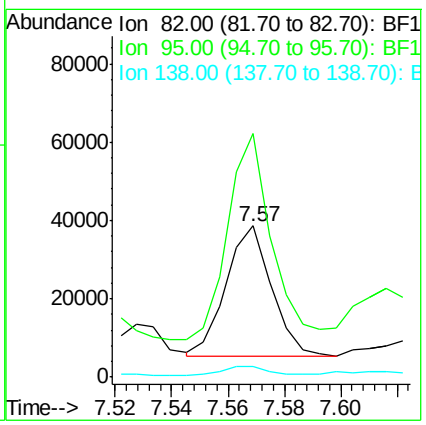


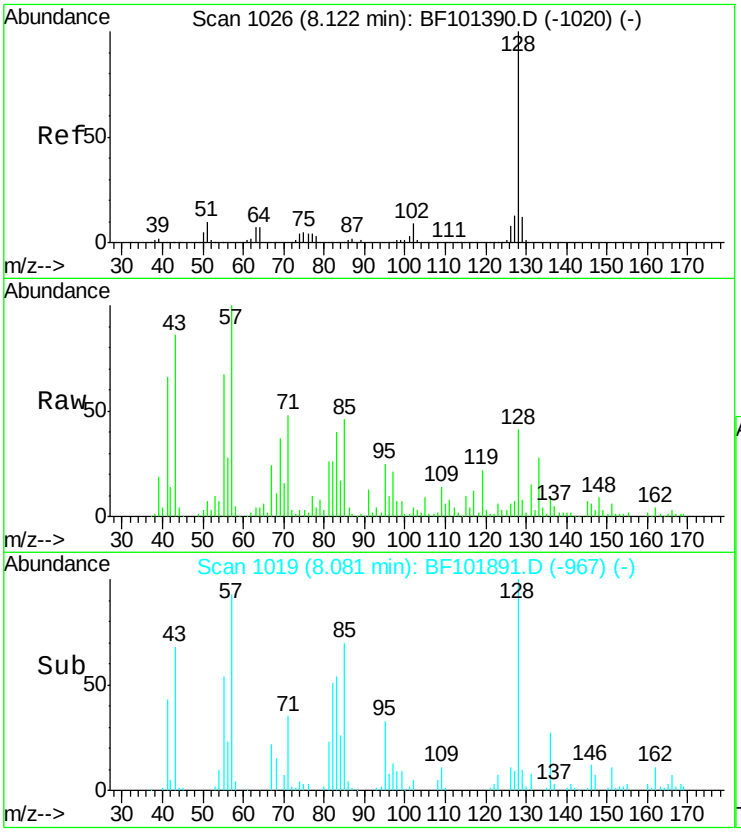


#25
Isophorone
Concen: 2.377 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.03 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion: 82 Resp: 37286

Ion	Ratio	Lower	Upper
82	100		
95	161.2	5.2	7.8#
138	7.4	14.9	22.3#



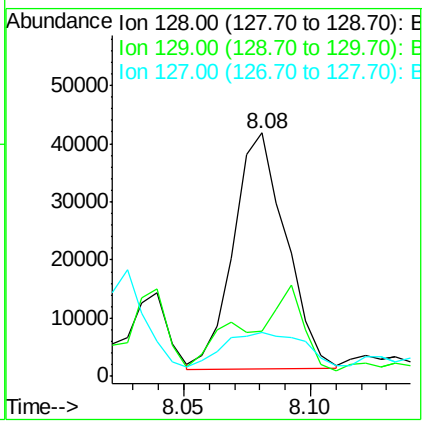


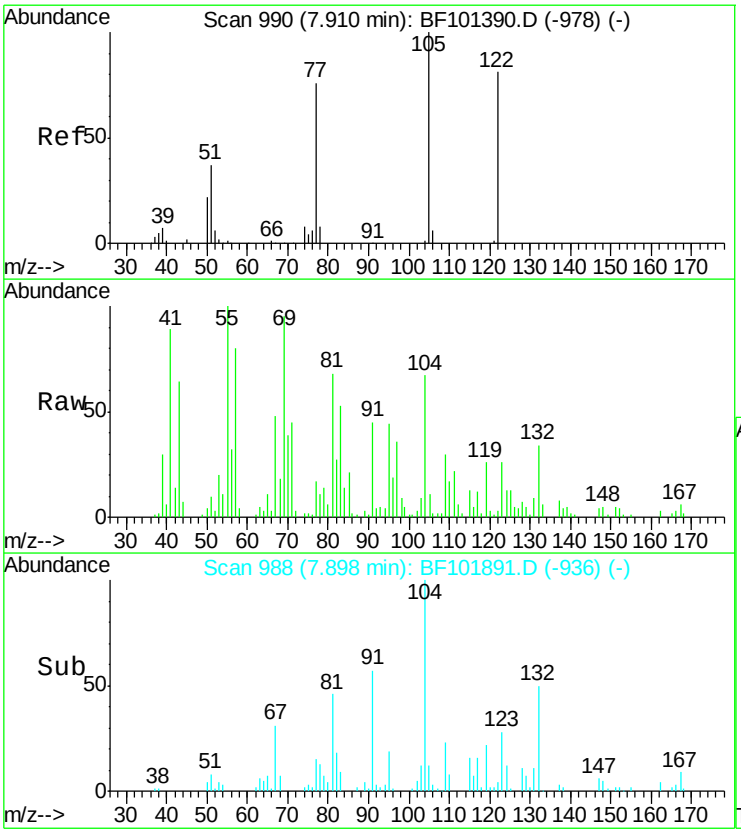
#31
Naphthalene
Concen: 2.683 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tgt Ion:128 Resp: 58806

Ion	Ratio	Lower	Upper
128	100		
129	18.7	8.8	13.2#
127	18.0	10.9	16.3#

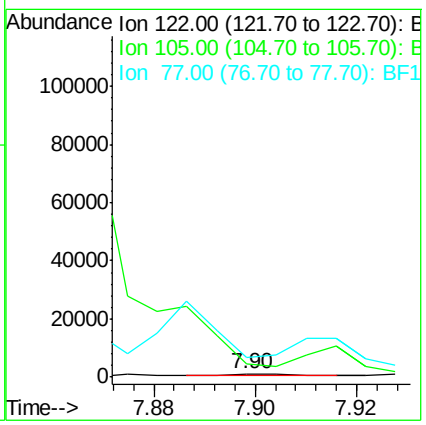


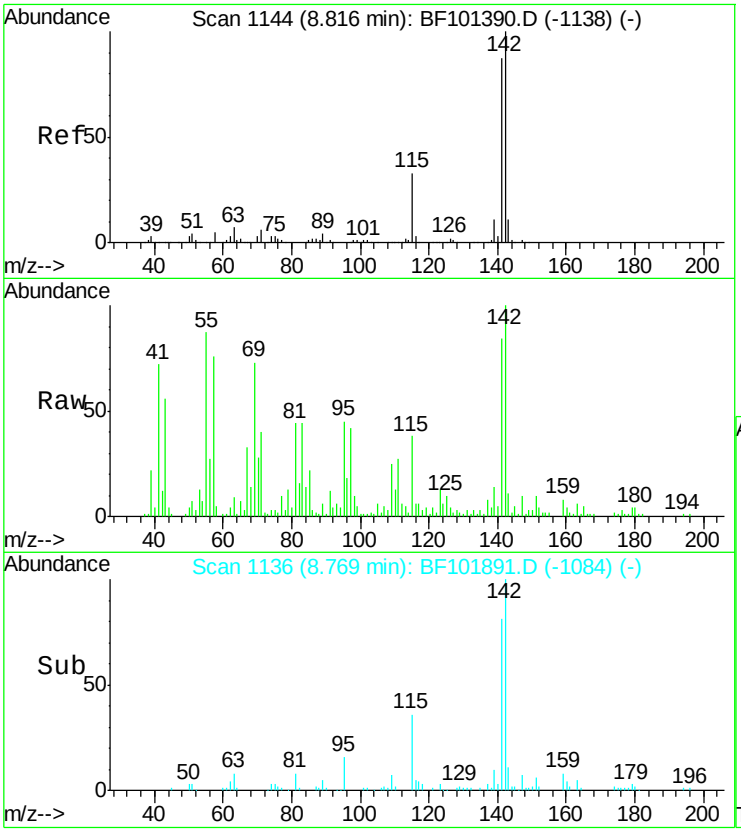


#32
Benzoic acid
Concen: 8.053 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion:122 Resp: 470

Ion	Ratio	Lower	Upper
122	100		
105	404.9	101.1	141.1#
77	604.4	70.7	110.7#



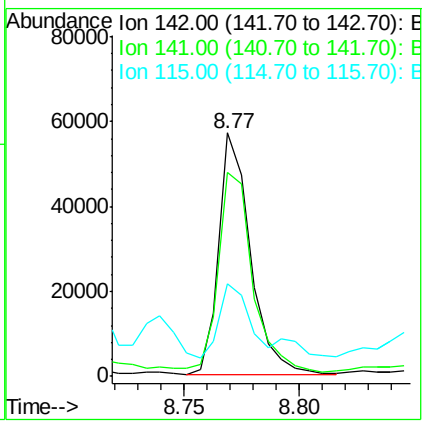


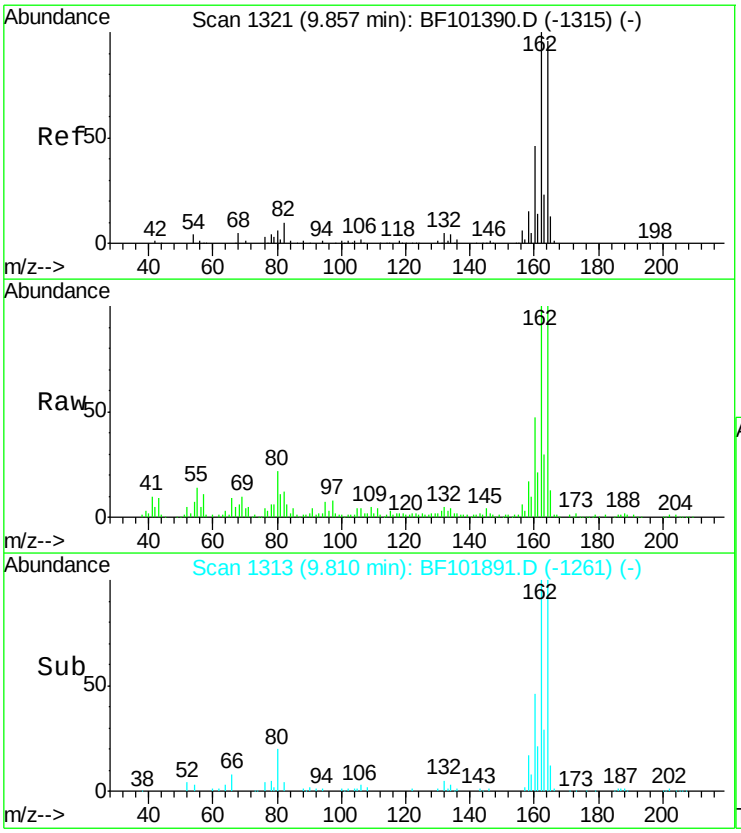
#37
2-Methylnaphthalene
Concen: 3.776 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tgt Ion:142 Resp: 53915

Ion	Ratio	Lower	Upper
142	100		
141	83.9	70.8	106.2
115	38.2	26.1	39.1

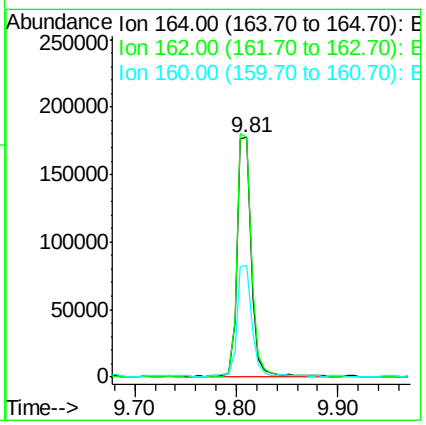


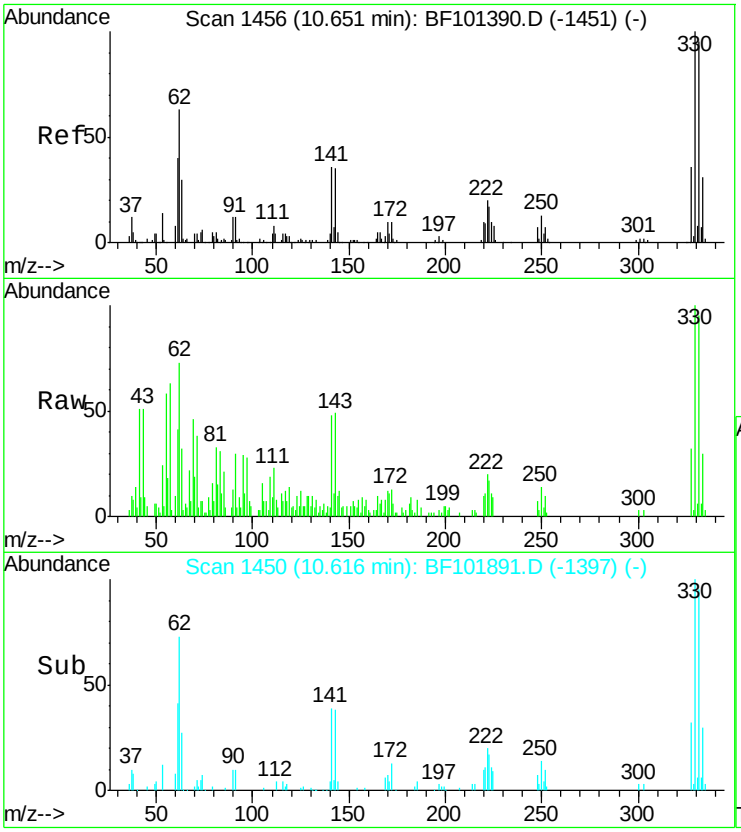


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion:164 Resp: 169165

Ion	Ratio	Lower	Upper
164	100		
162	100.2	86.1	129.1
160	46.9	38.3	57.5



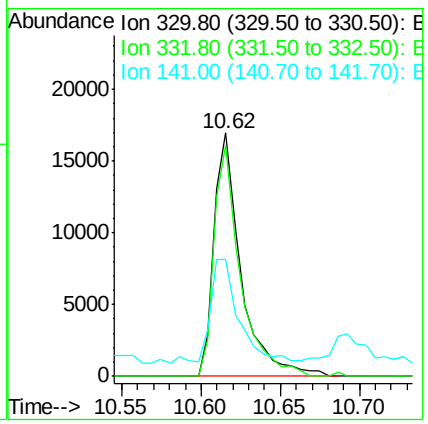


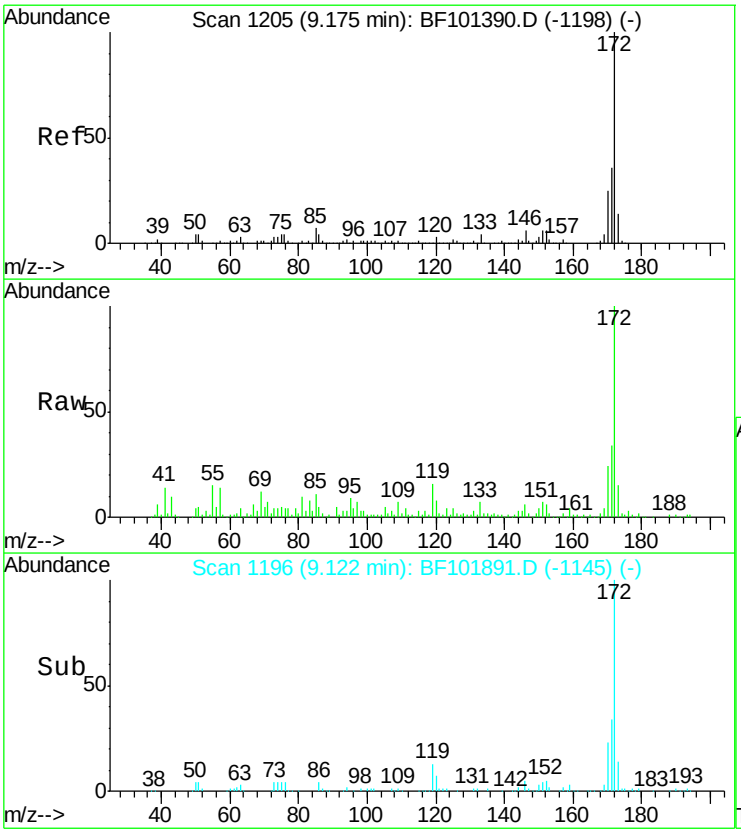
#41
2,4,6-Tribromophenol
Concen: 12.273 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tgt Ion:330 Resp: 20005

Ion	Ratio	Lower	Upper
330	100		
332	92.7	77.0	115.6
141	46.9	29.9	44.9#

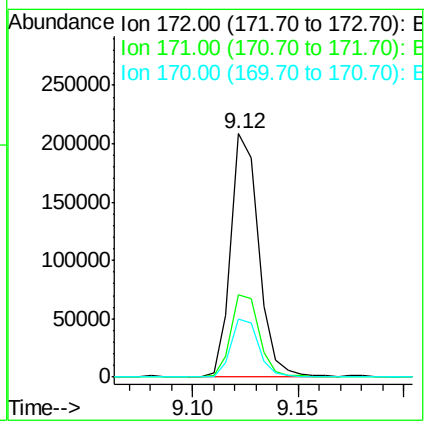


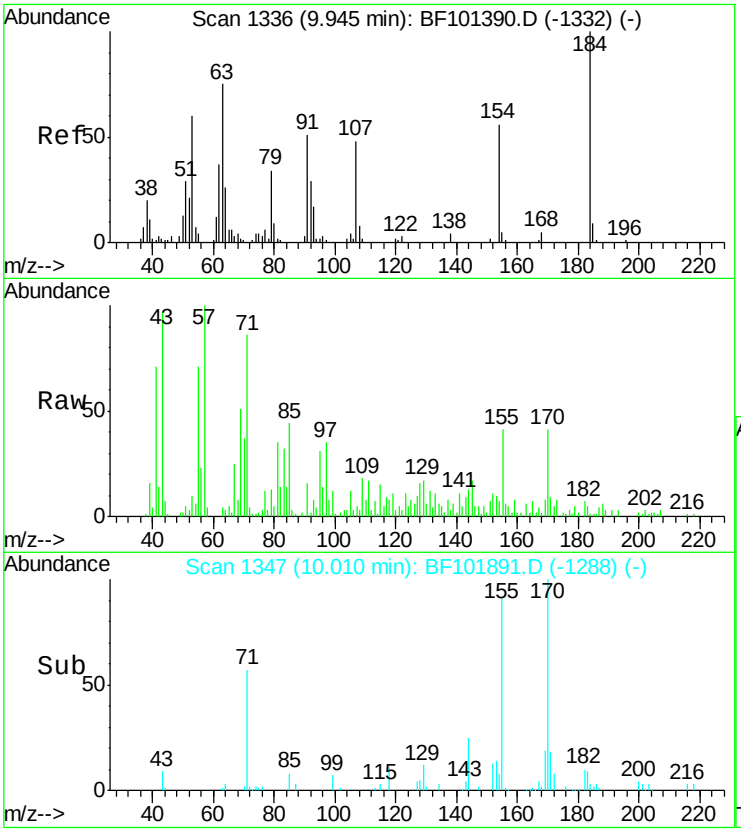


#44
2-Fluorobiphenyl
Concen: 17.491 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion:172 Resp: 190742

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.7	44.5
170	23.6	19.6	29.4



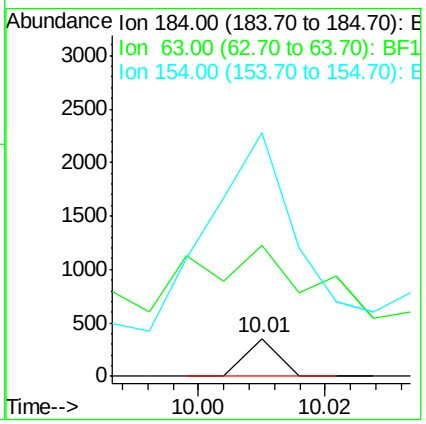


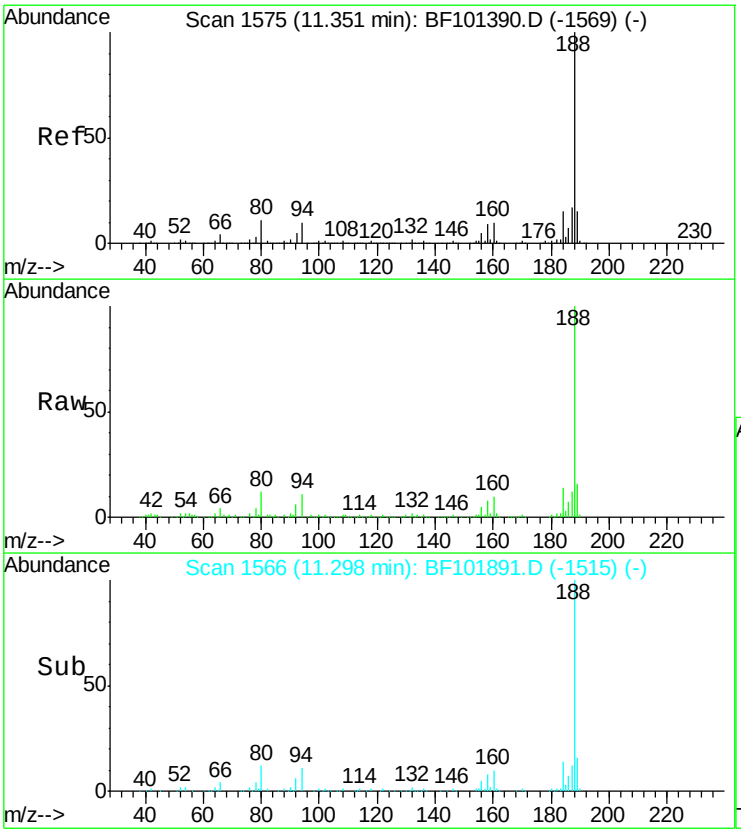
#53
2,4-Dinitrophenol
Concen: 10.434 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.05 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tgt Ion:184 Resp: 126

Ion	Ratio	Lower	Upper
184	100		
63	343.0	54.2	81.2#
154	639.6	184.0	276.0#

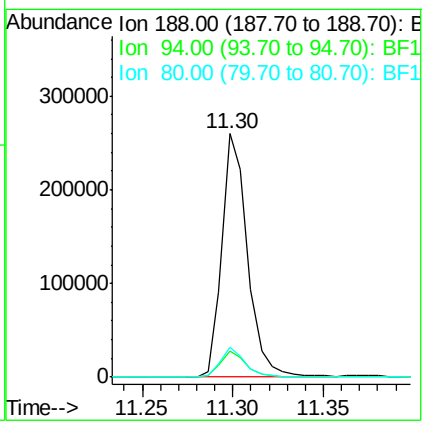


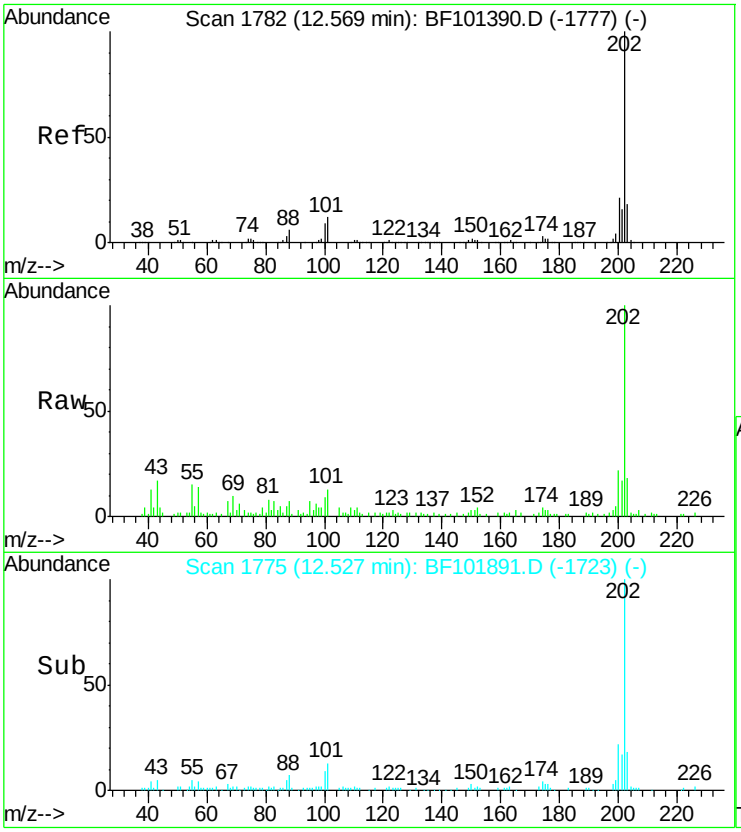


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion:188 Resp: 256261

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	12.2	9.2	13.8



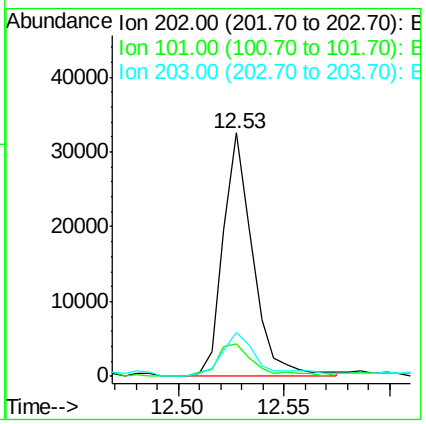


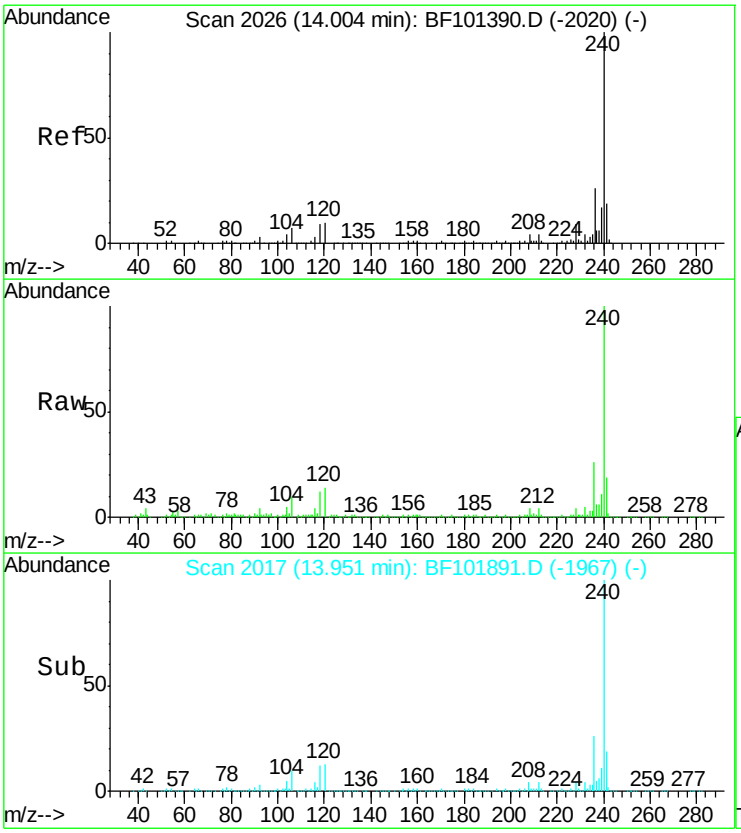
#74
Fluoranthene
Concen: 2.118 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tgt Ion:202 Resp: 31681

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.1	0.0	38.1

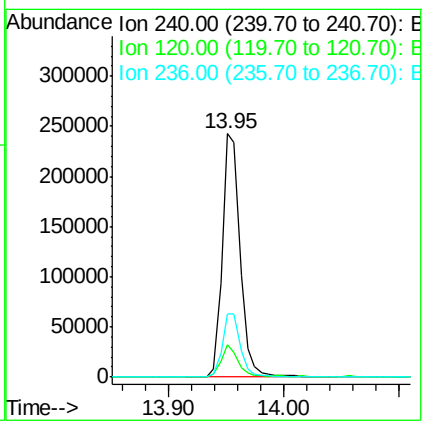


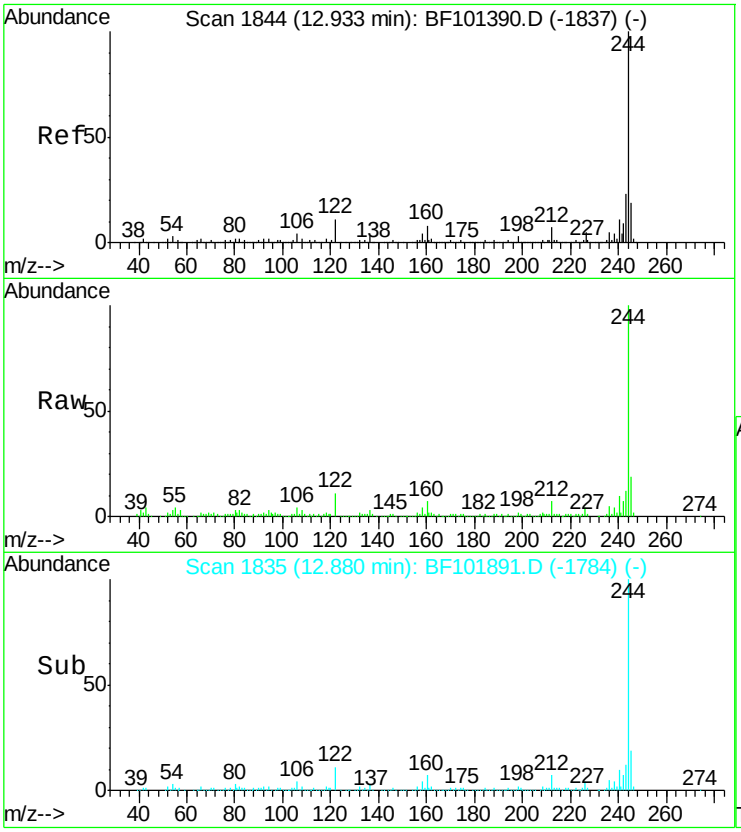


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion:240 Resp: 260756

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	26.0	20.7	31.1



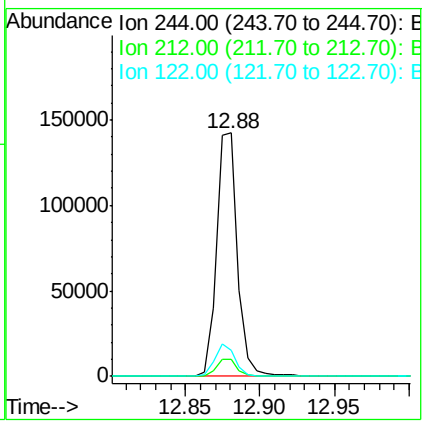


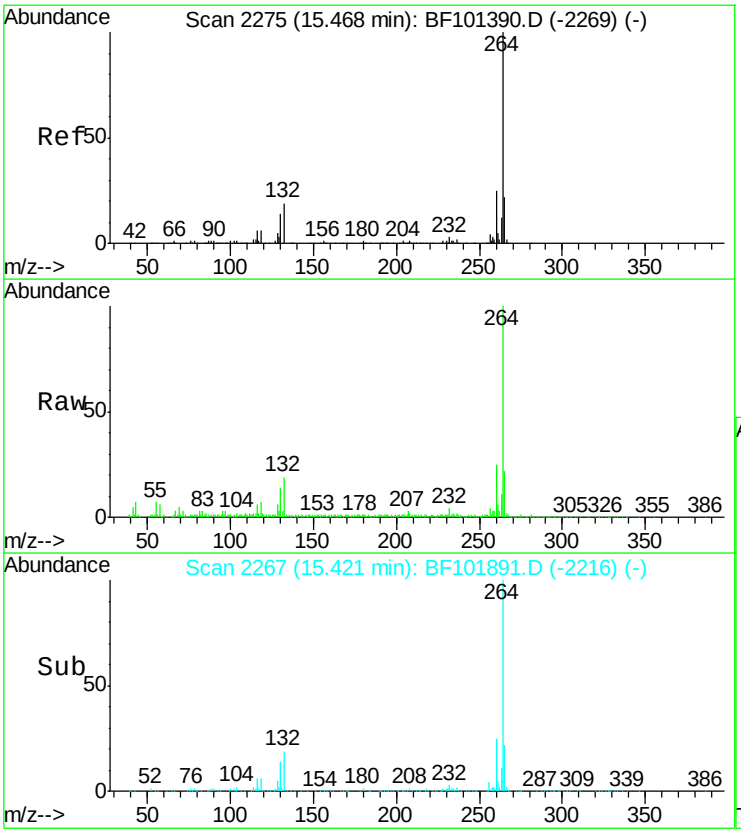
#78
Terphenyl-d14
Concen: 12.894 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tgt Ion:244 Resp: 139469

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion:264 Resp: 263936

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	22.0	17.5	26.3