Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101866.D
Acq On : 3 Jan 2018 18:05
Operator : SJ/JU
Sample : I7105-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 04 00:09:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114567	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	395697	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	145762	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	270475	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	264468	20.00	ng		-0.02
86) Perylene-d12	15.42	264	197540	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	769722	100.08	ng		0.00
7) Phenol-d6	6.42	99	872542	91.16	ng		-0.01
23) Nitrobenzene-d5	7.35	82	493903	69.48	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	138402	98.54	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	714527	76.04	ng		-0.02
78) Terphenyl-d14	12.88	244	687601	62.68	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.44	94	35434	3.248	ng	#	62
19) n-Nitroso-di-n-propylamine	7.35	70	65460	10.413	ng	#	80
25) Isophorone	7.35	82	493903	34.636	ng	#	64
49) Dimethylphthalate	9.53	163	59666	5.089	ng		98
51) Acenaphthene	9.84	154	29989	3.195	ng		97
55) 4-Nitrophenol	10.02	139	7571	5.844	ng	#	21
66) 4-Bromophenyl-phenylether	10.60	248	8410	2.767	ng	#	1
69) Pentachlorophenol	11.16	266	915	7.228	ng	#	43
70) Phenanthrene	11.33	178	72426	4.815	ng		98
71) Anthracene	11.33	178	72426	4.714	ng		99
74) Fluoranthene	12.52	202	137870	8.732	ng		96
77) Pyrene	12.75	202	134633	6.783	ng		97
80) Benzo(a)anthracene	13.95	228	38572	2.209	ng	#	94
82) Chrysene	13.98	228	35711	2.166	ng	#	94
87) Benzo(b)fluoranthene	15.00	252	46272	3.843	ng	#	69
88) Benzo(k)fluoranthene	15.00	252	46272	3.953	ng	#	72

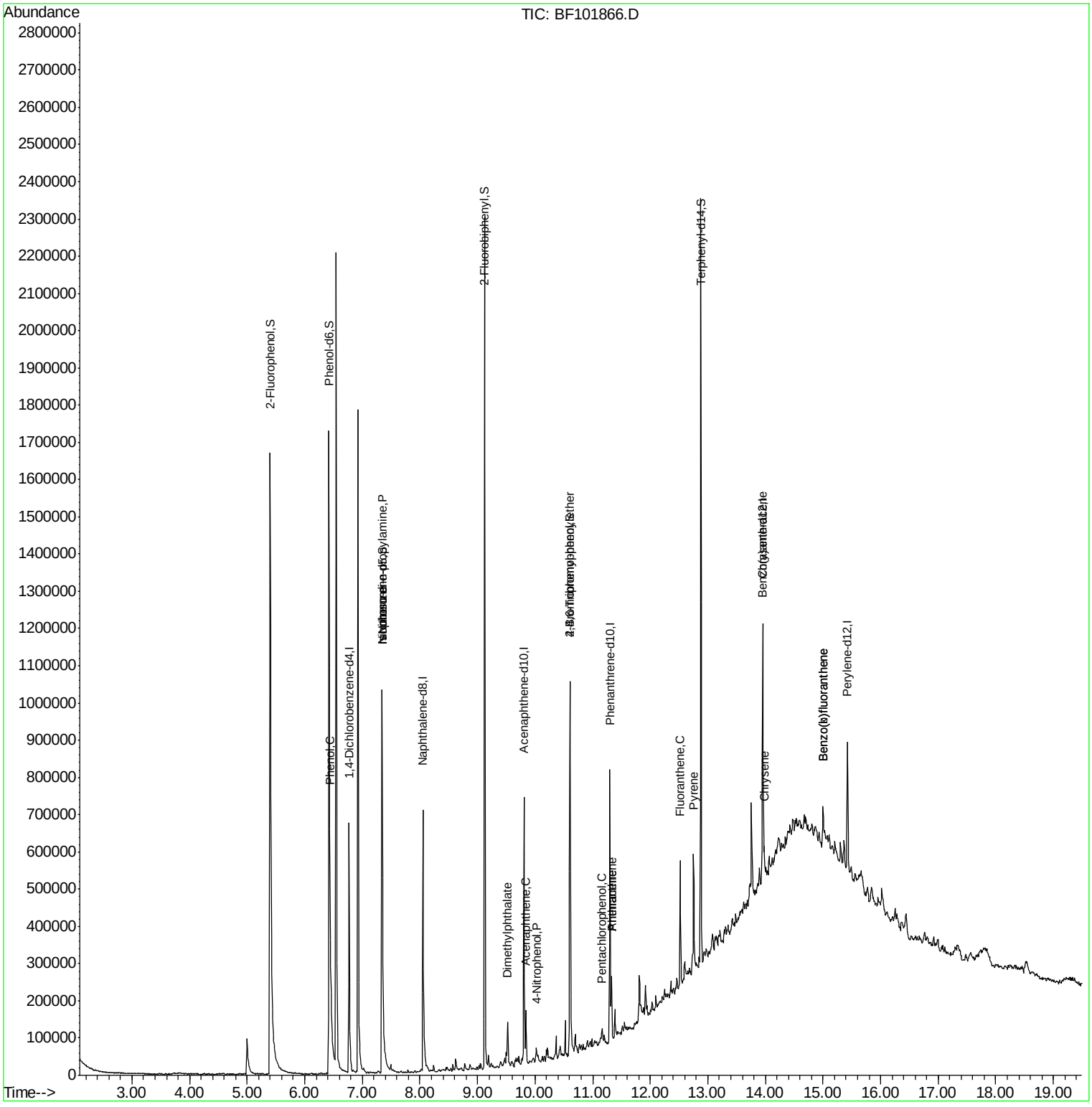
(#) = qualifier out of range (m) = manual integration (+) = signals summed

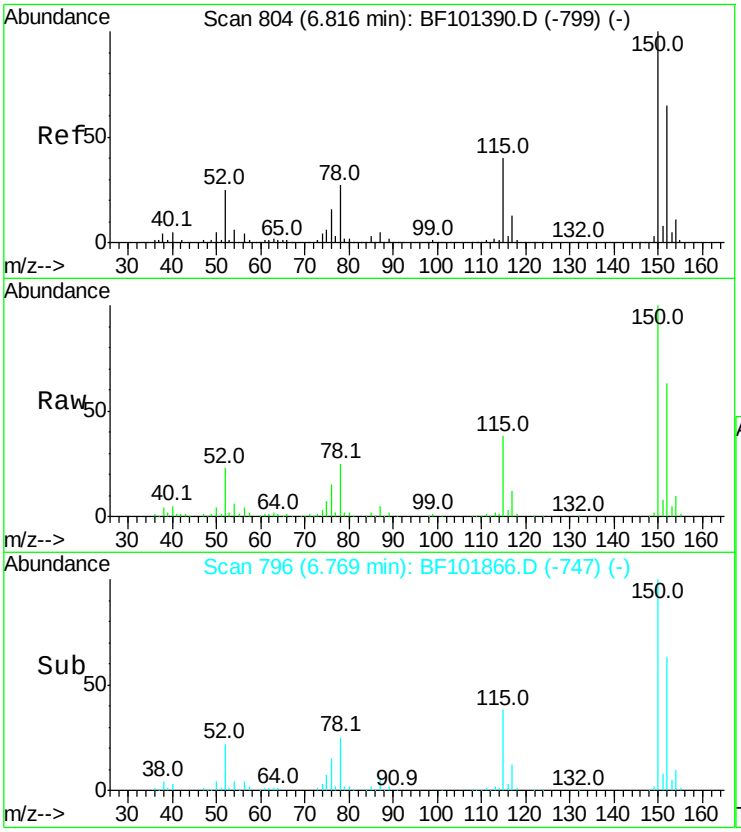
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101866.D
Acq On : 3 Jan 2018 18:05
Operator : SJ/JU
Sample : I7105-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 04 00:09:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration



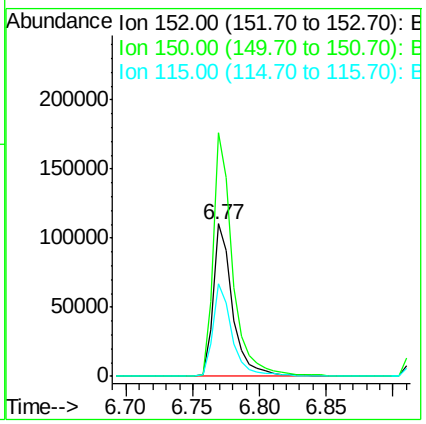


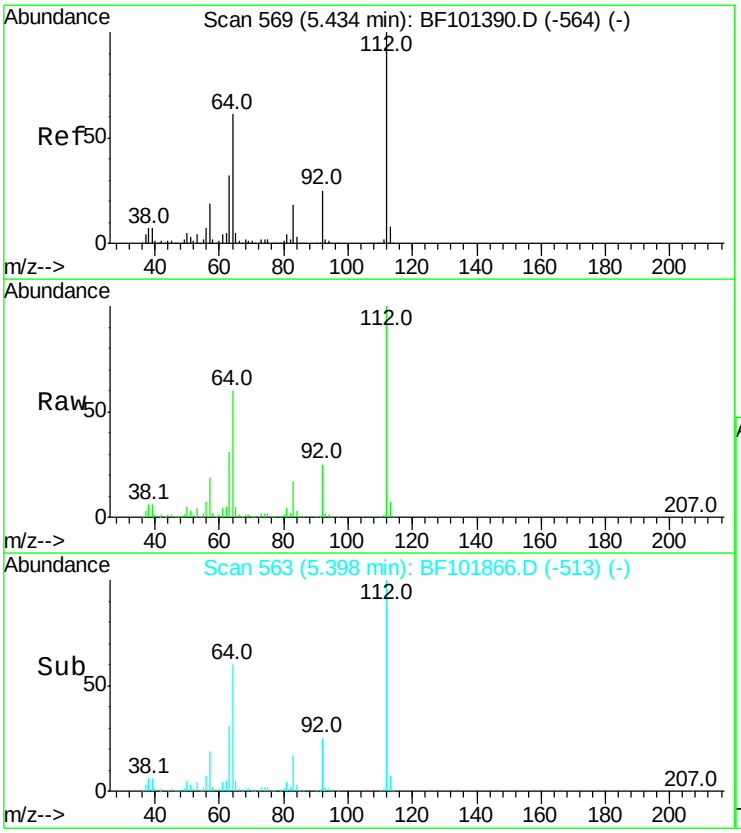
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114567

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	60.9	50.1	75.1

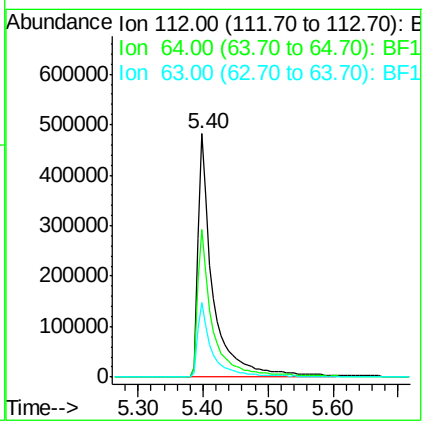


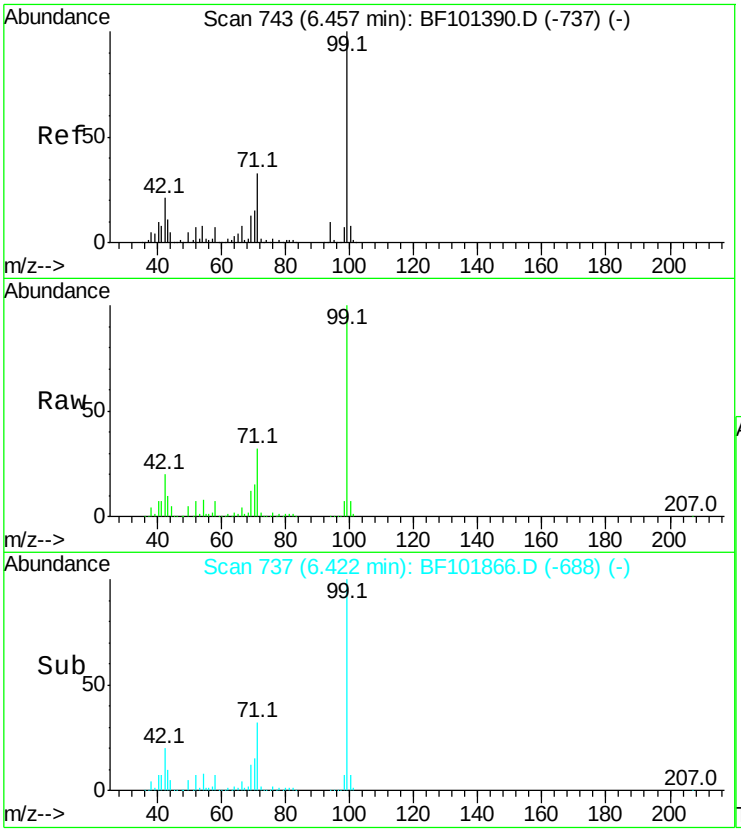


#5
2-Fluorophenol
Concen: 100.078 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:112 Resp: 769722

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	30.5	23.7	35.5



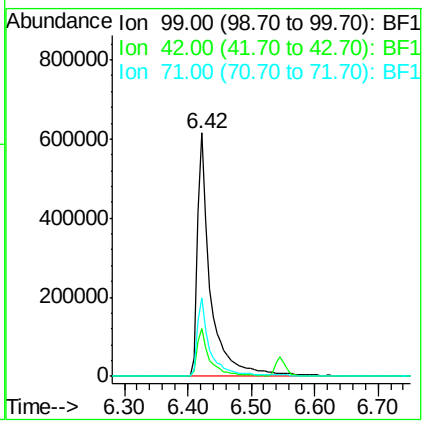


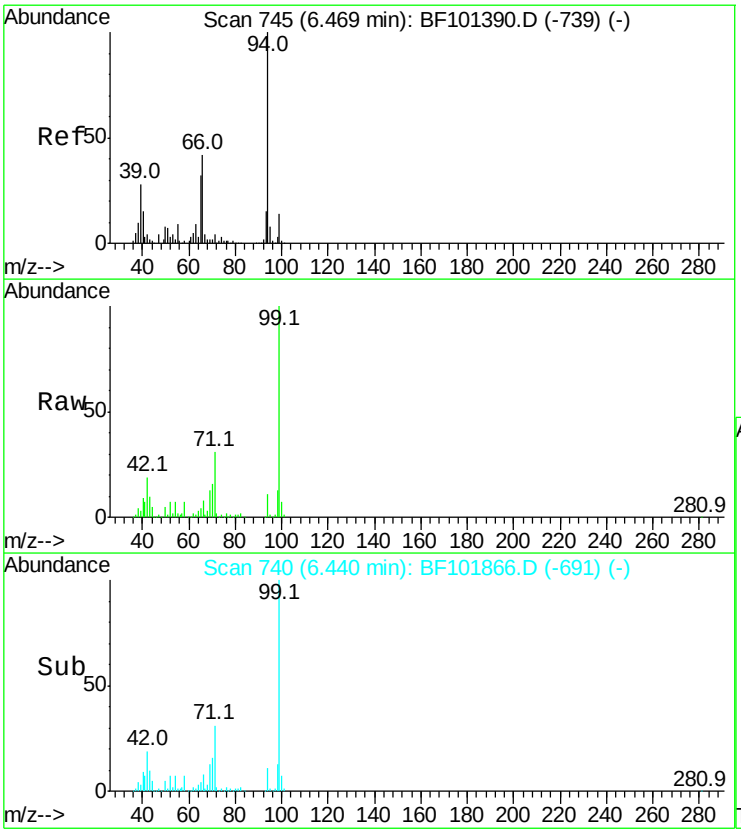
#7
Phenol-d6
Concen: 91.155 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 872542

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	32.3	25.4	38.0

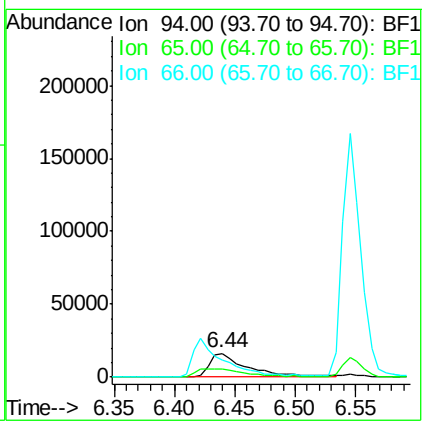


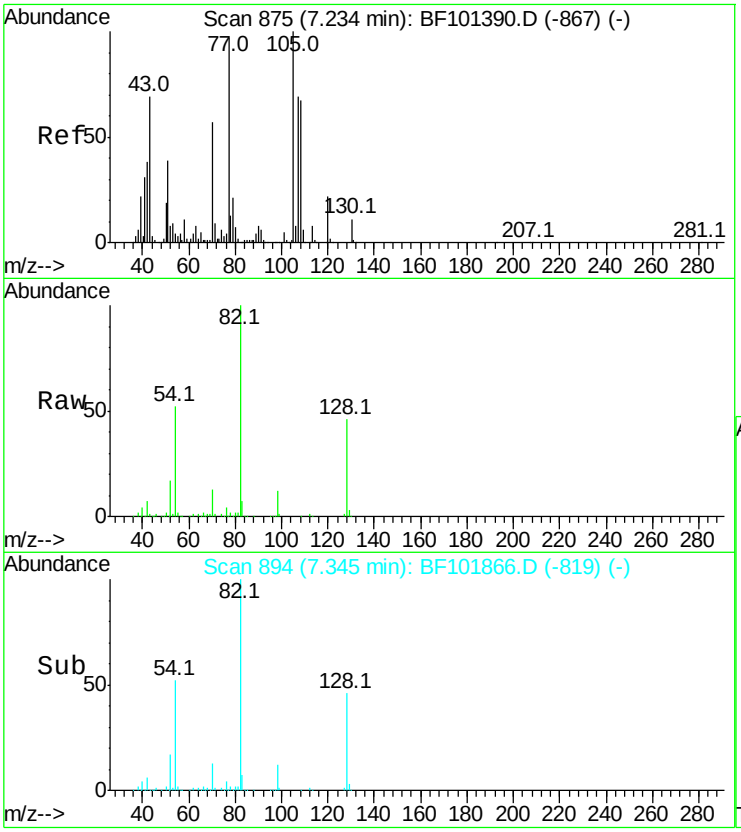


#10
Phenol
Concen: 3.248 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion: 94 Resp: 35434

Ion	Ratio	Lower	Upper
94	100		
65	33.9	7.9	47.9
66	70.3	16.2	56.2#



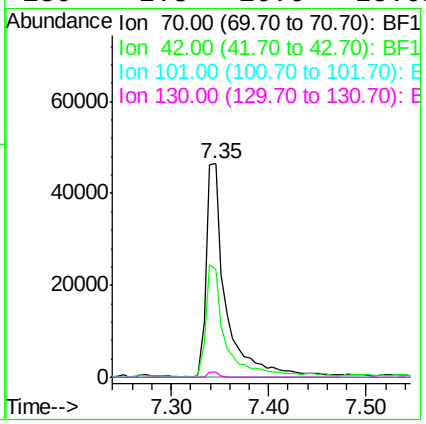


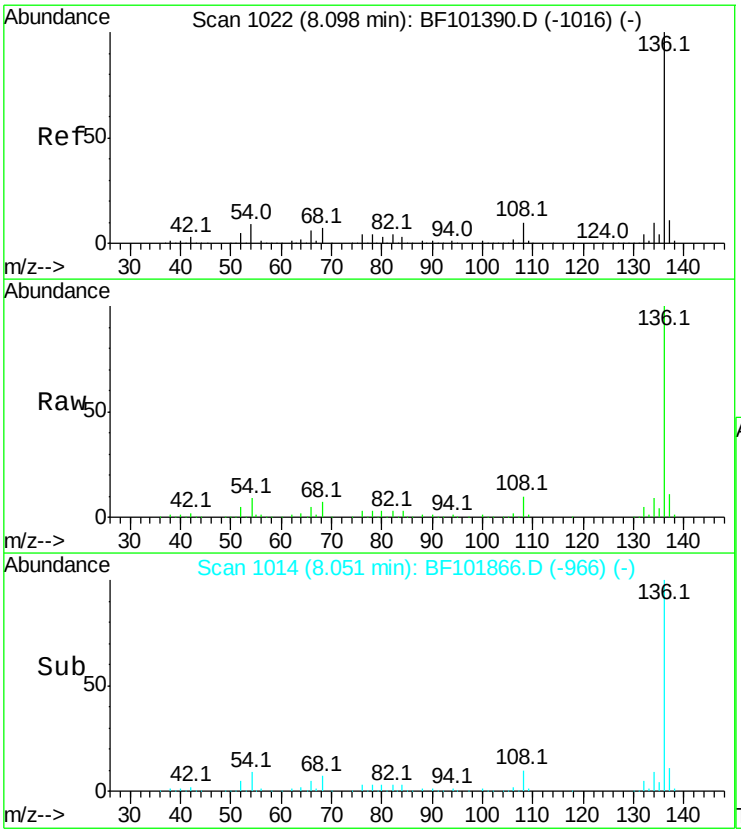
#19
n-Nitroso-di-n-propylamine
Concen: 10.413 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 65460

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

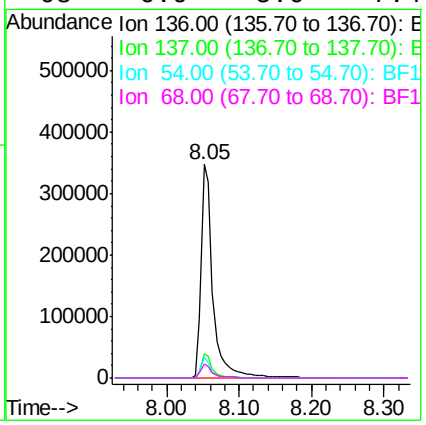


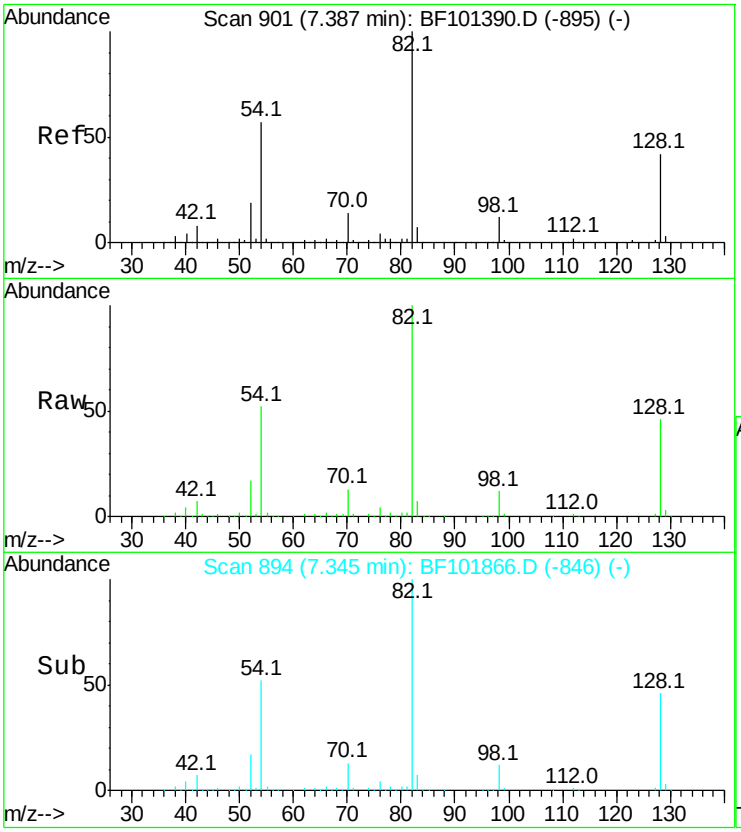


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:136 Resp: 395697

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	6.9	5.0	7.4



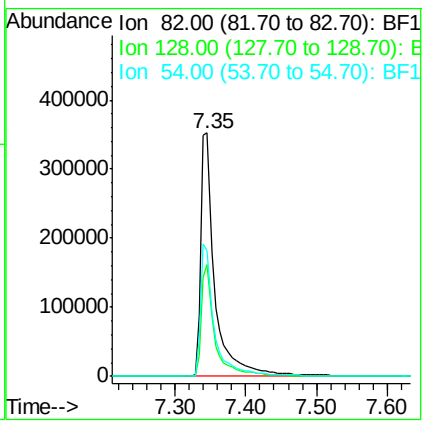


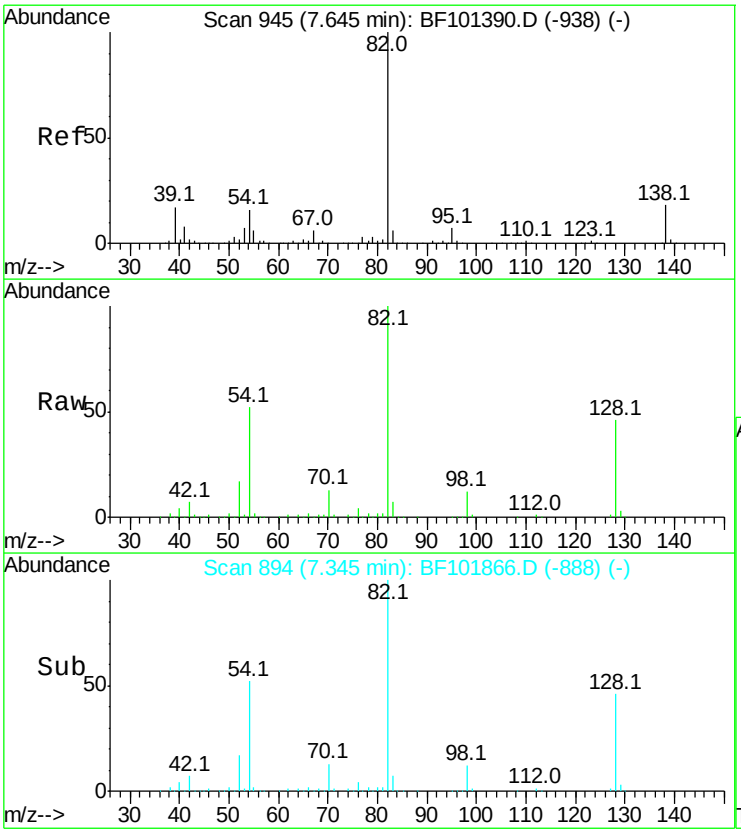
#23
Nitrobenzene-d5
Concen: 69.481 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 493903

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	51.8	41.4	62.2

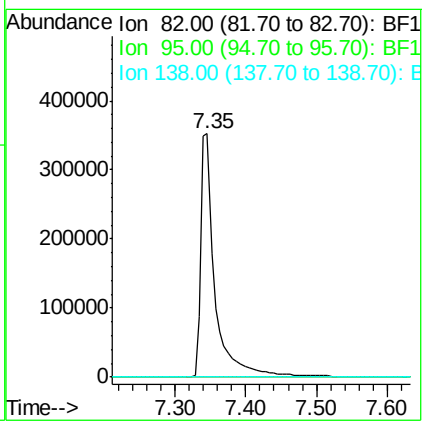


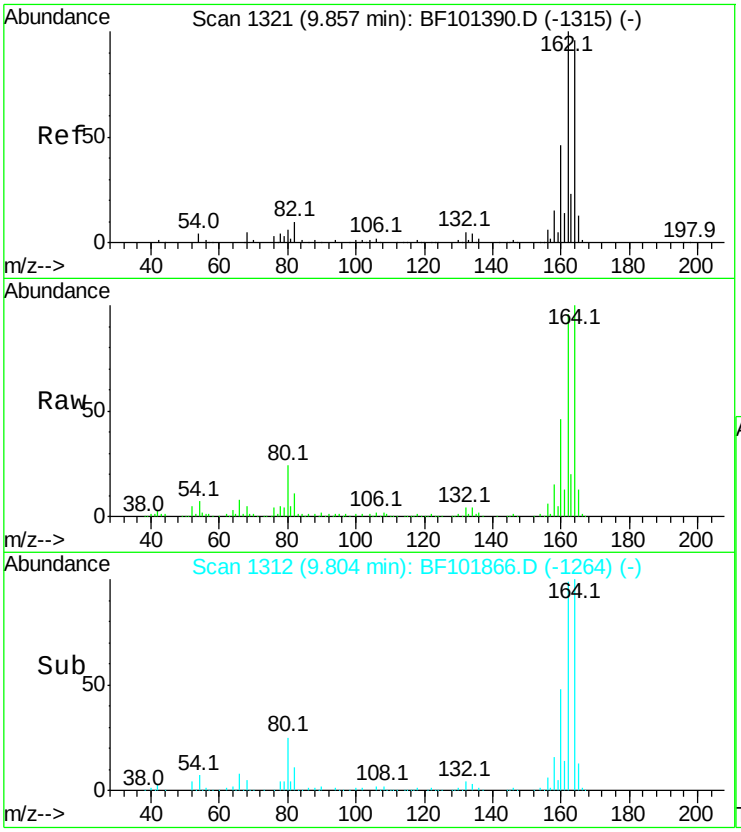


#25
Isophorone
Concen: 34.636 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion: 82 Resp: 493903

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



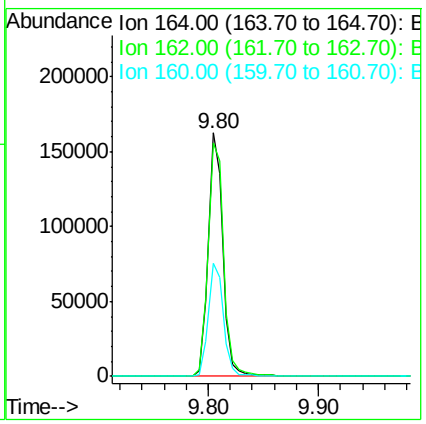


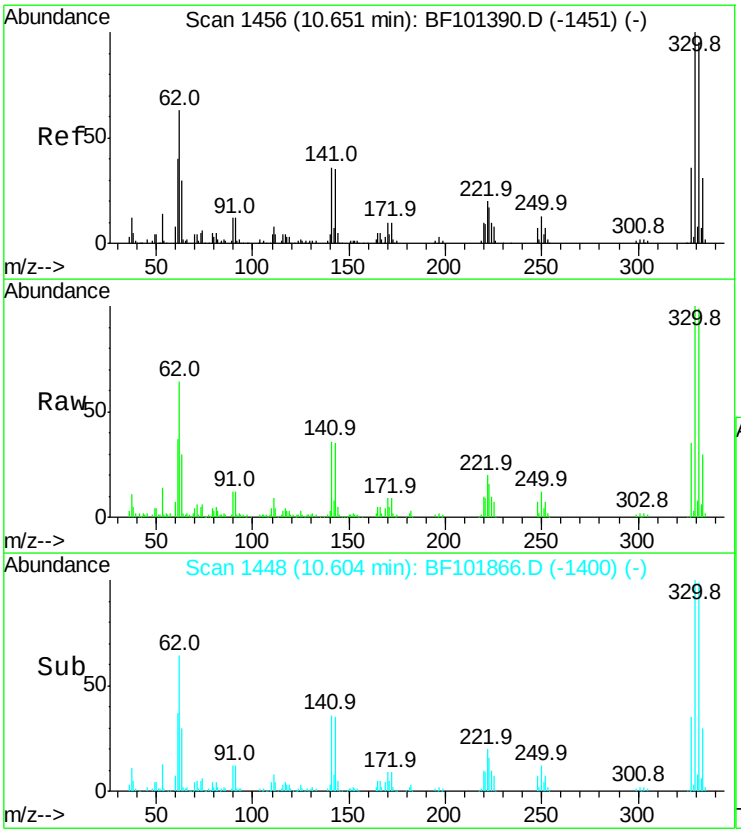
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 145762

Ion	Ratio	Lower	Upper
164	100		
162	96.0	86.1	129.1
160	46.4	38.3	57.5

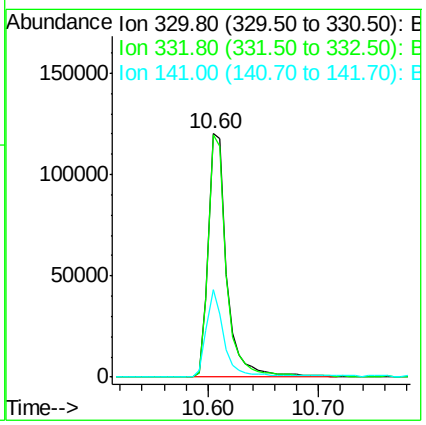


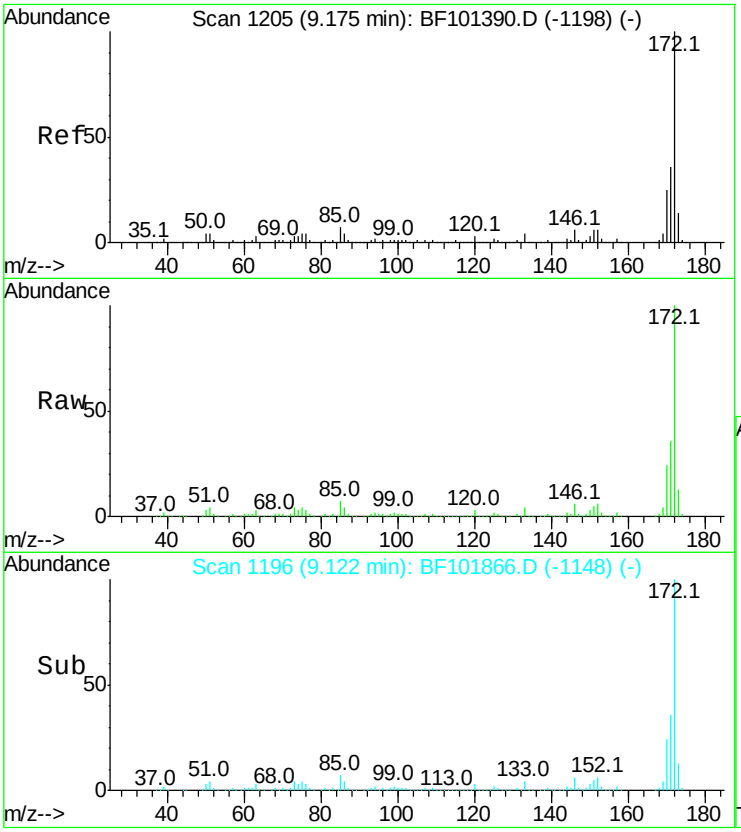


#41
2,4,6-Tribromophenol
Concen: 98.540 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:330 Resp: 138402

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.6	29.9	44.9



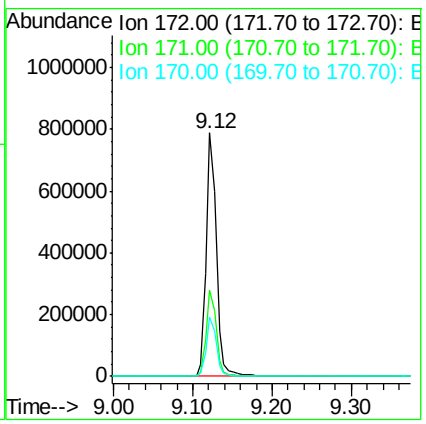


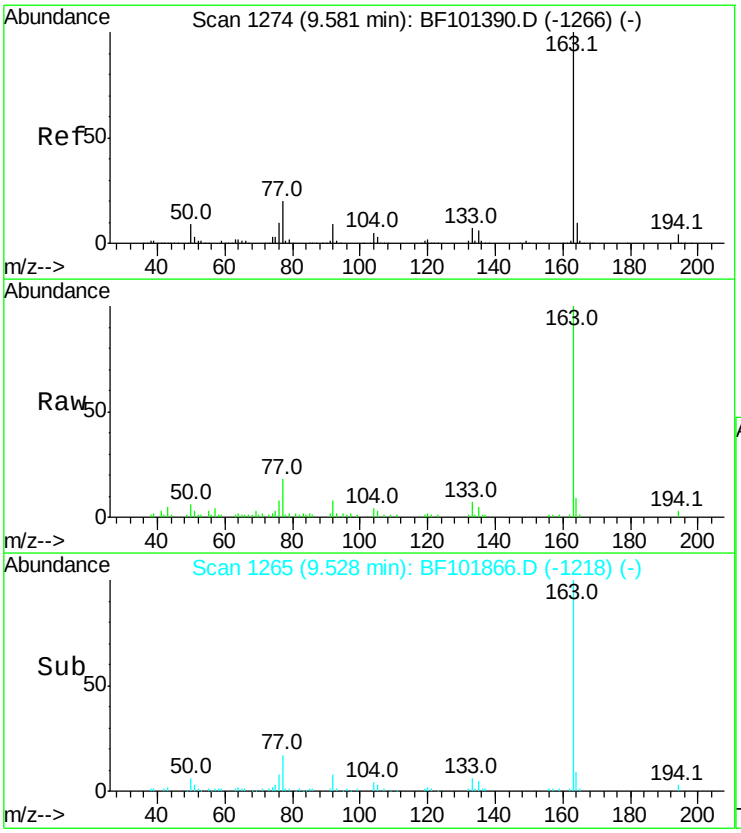
#44
2-Fluorobiphenyl
Concen: 76.042 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 714527

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.2	19.6	29.4

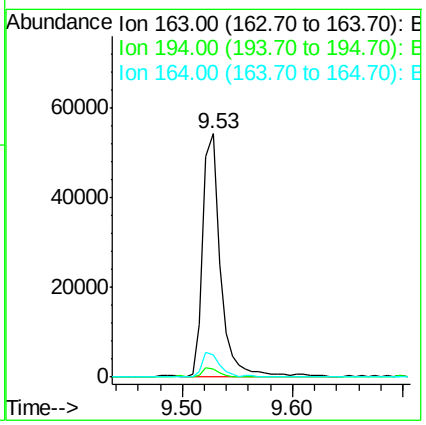


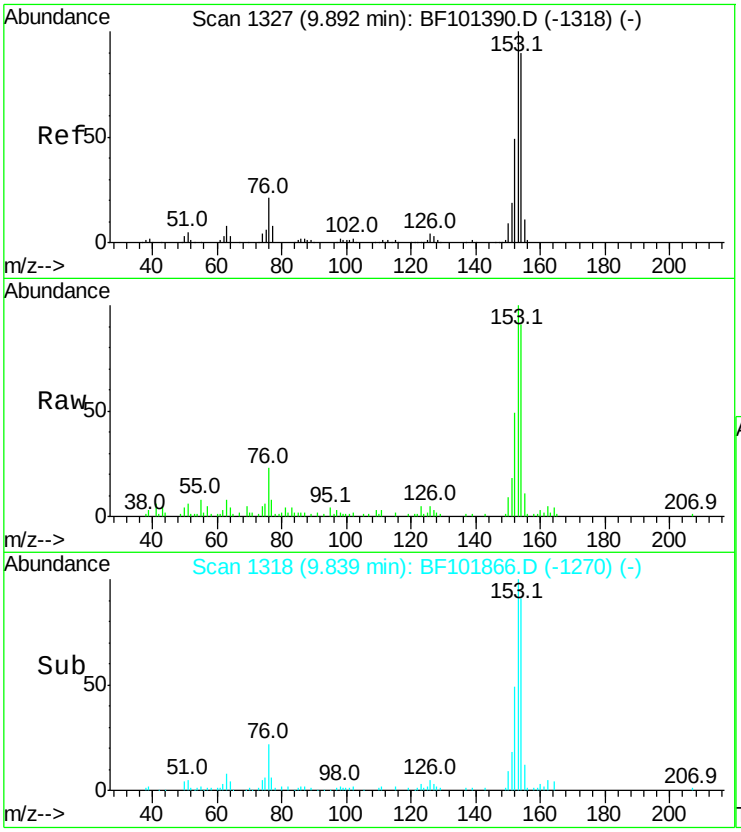


#49
Dimethylphthalate
Concen: 5.089 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:163 Resp: 59666

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.3	8.2	12.2



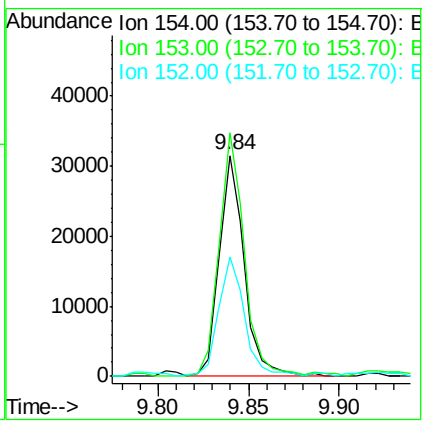


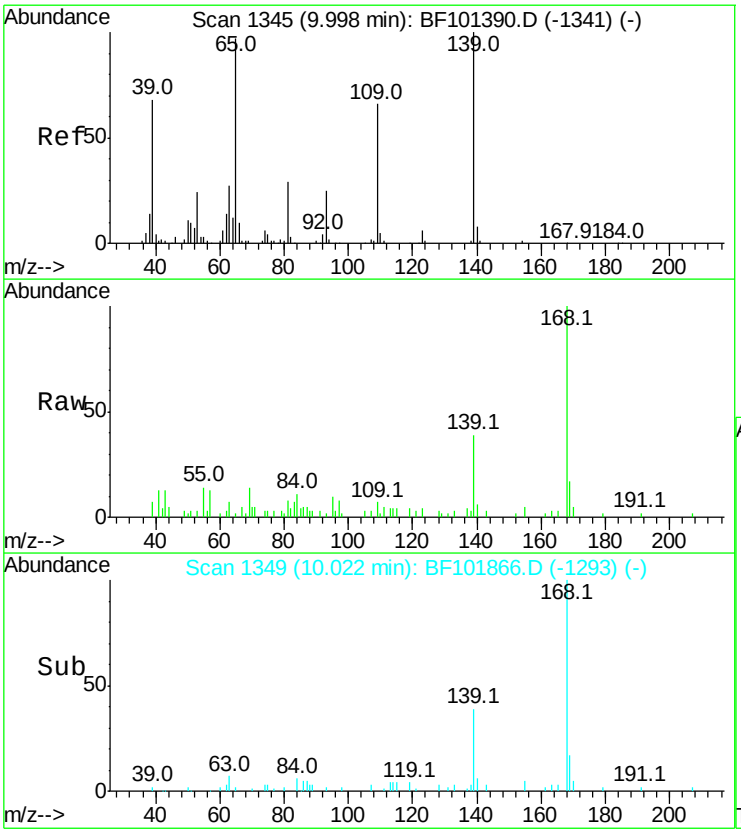
#51
Acenaphthene
Concen: 3.195 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 29989

Ion	Ratio	Lower	Upper
154	100		
153	110.1	91.2	136.8
152	54.1	43.8	65.8

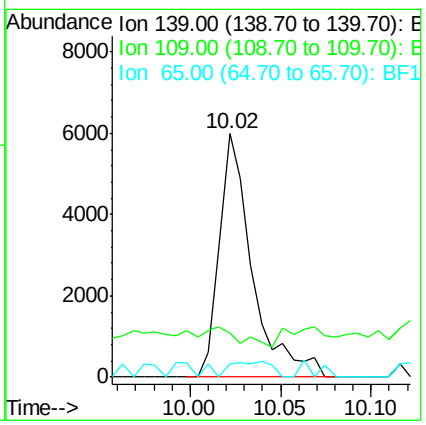


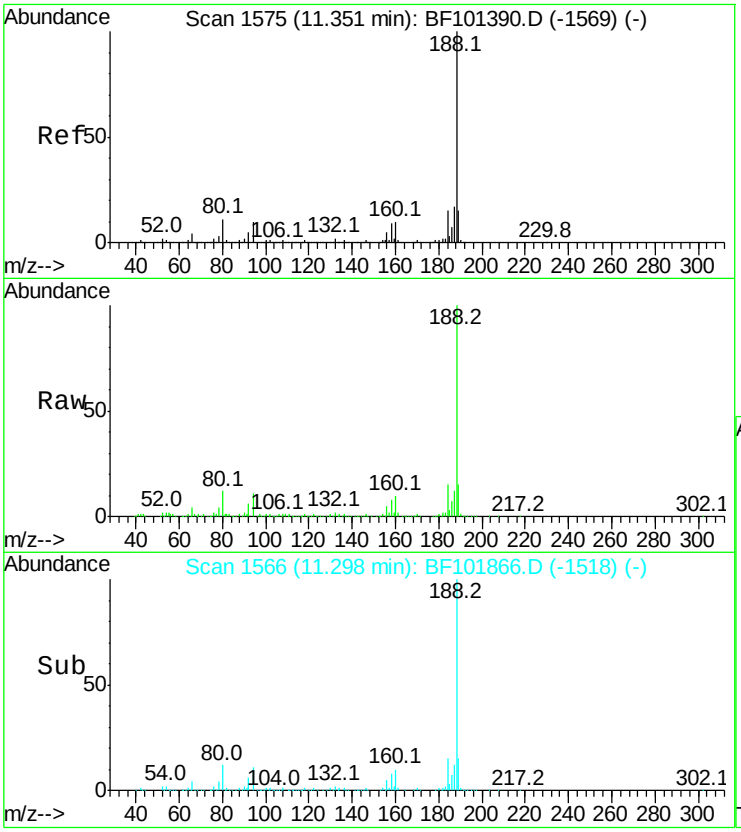


#55
4-Nitrophenol
Concen: 5.844 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.03 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:139 Resp: 7571

Ion	Ratio	Lower	Upper
139	100		
109	17.8	48.4	88.4#
65	5.4	72.6	112.6#



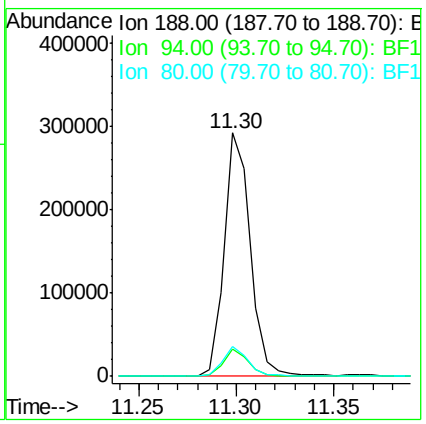


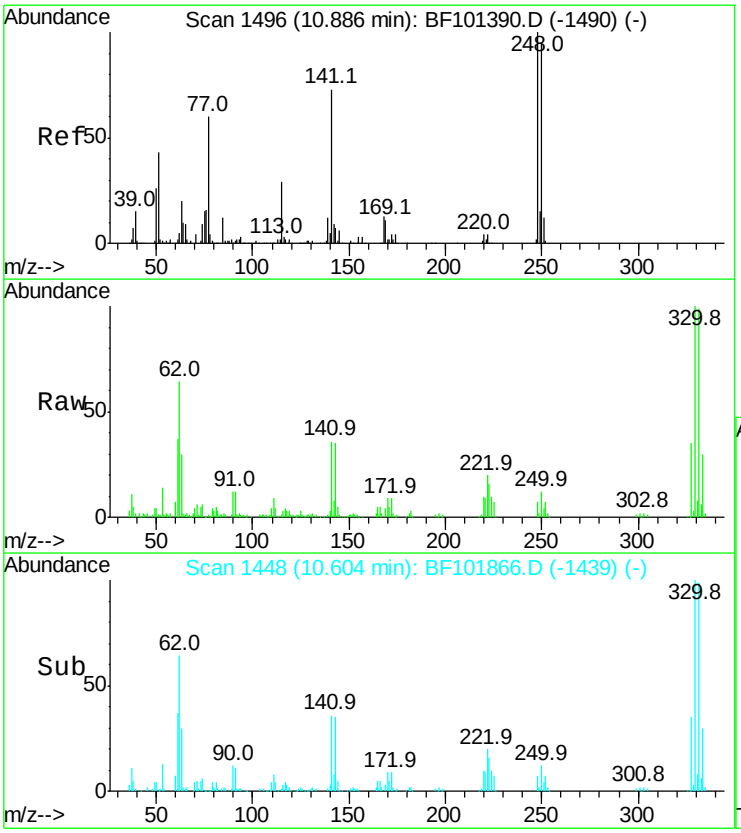
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 270475

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.3	9.2	13.8

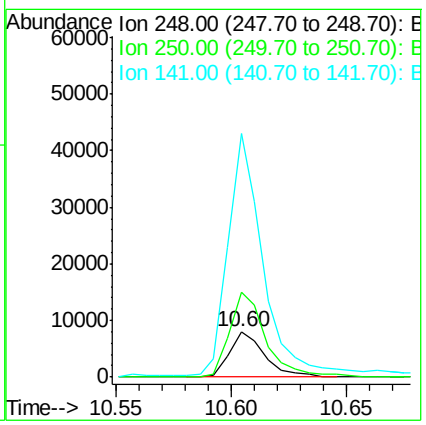


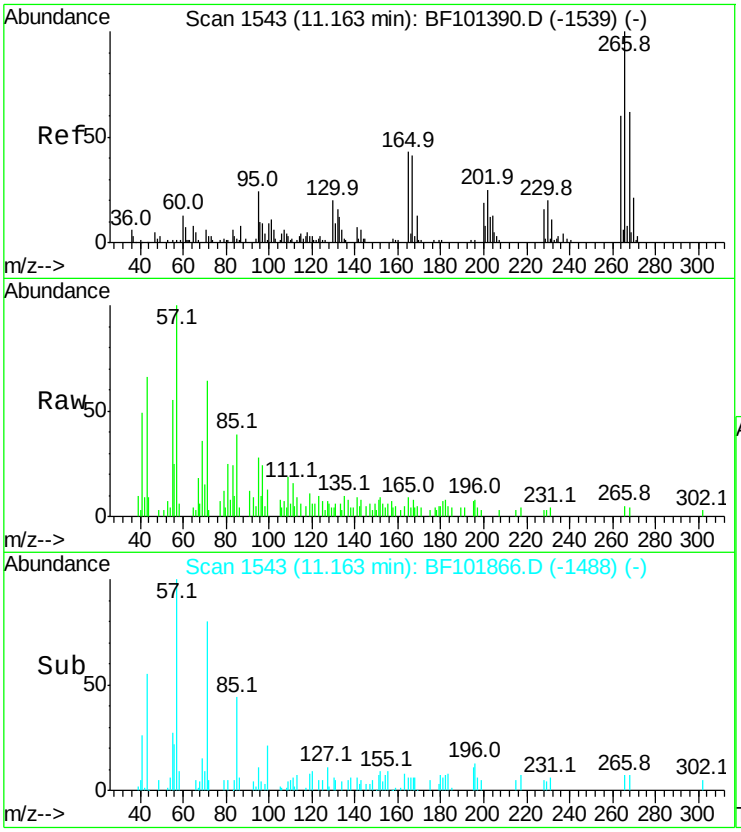


#66
4-Bromophenyl-phenylether
Concen: 2.767 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:248 Resp: 8410

Ion	Ratio	Lower	Upper
248	100		
250	184.9	76.9	115.3#
141	531.4	74.4	111.6#



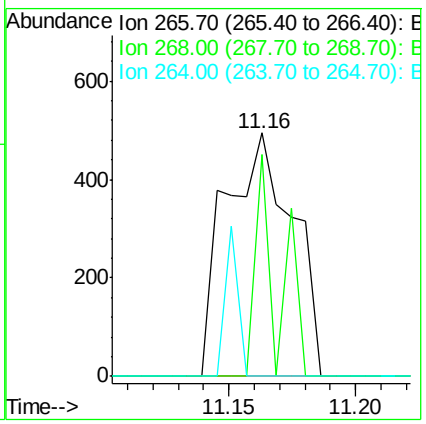


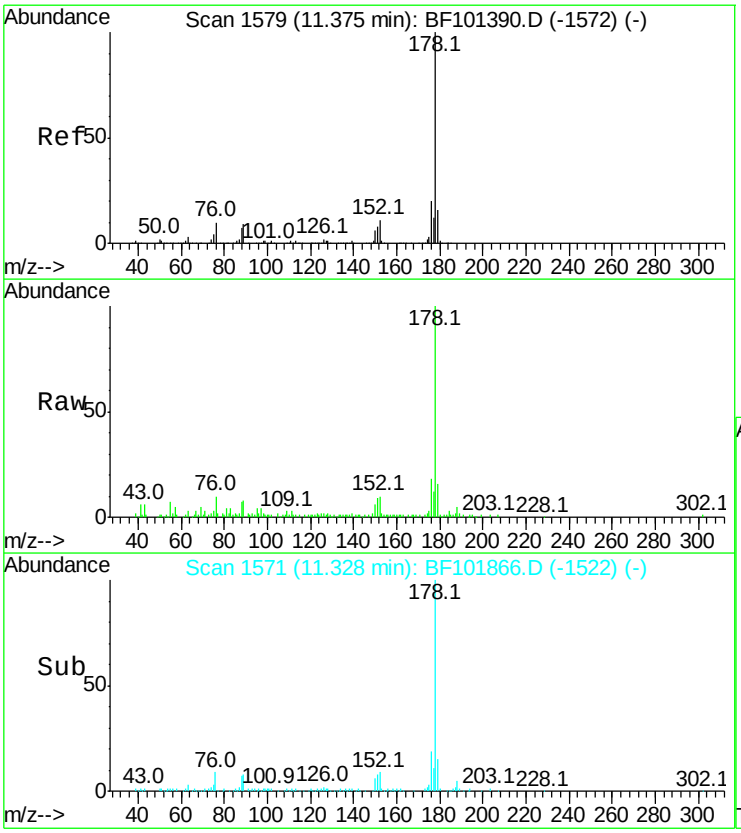
#69
Pentachlorophenol
Concen: 7.228 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 915

Ion	Ratio	Lower	Upper
266	100		
268	91.1	51.1	76.7#
264	0.0	49.5	74.3#

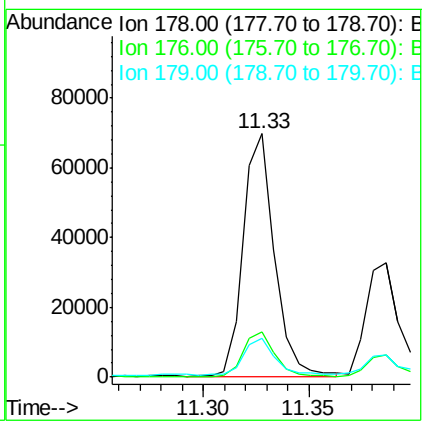


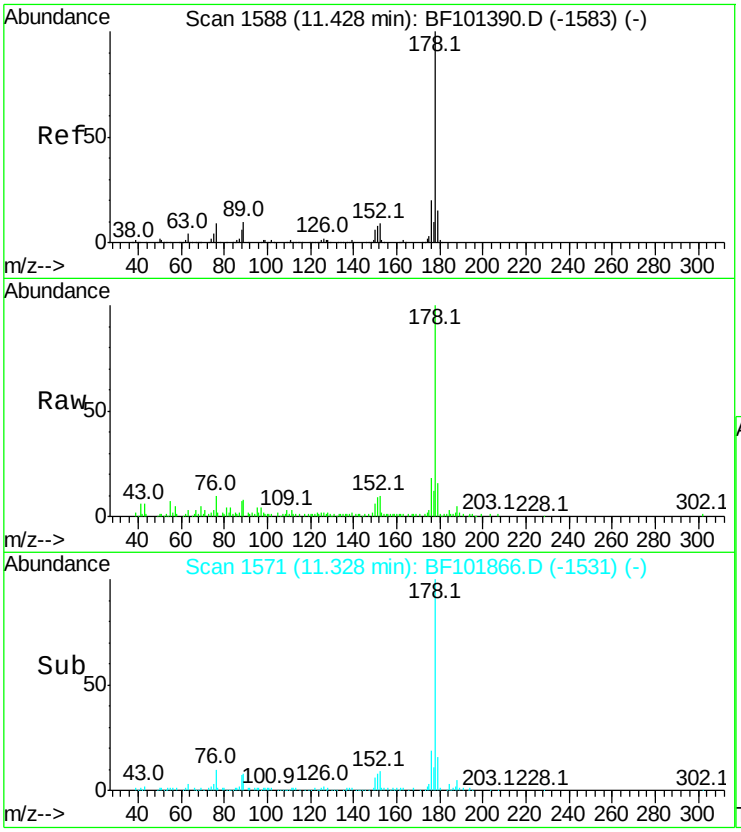


#70
Phenanthrene
Concen: 4.815 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:178 Resp: 72426

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.0	13.0	19.6



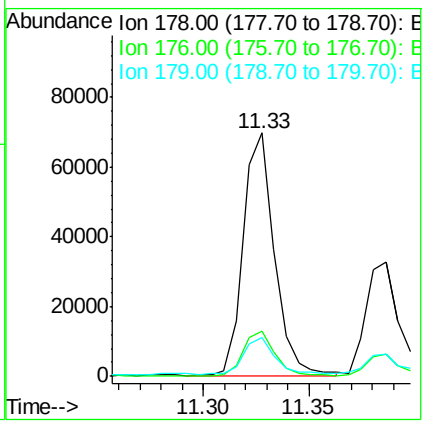


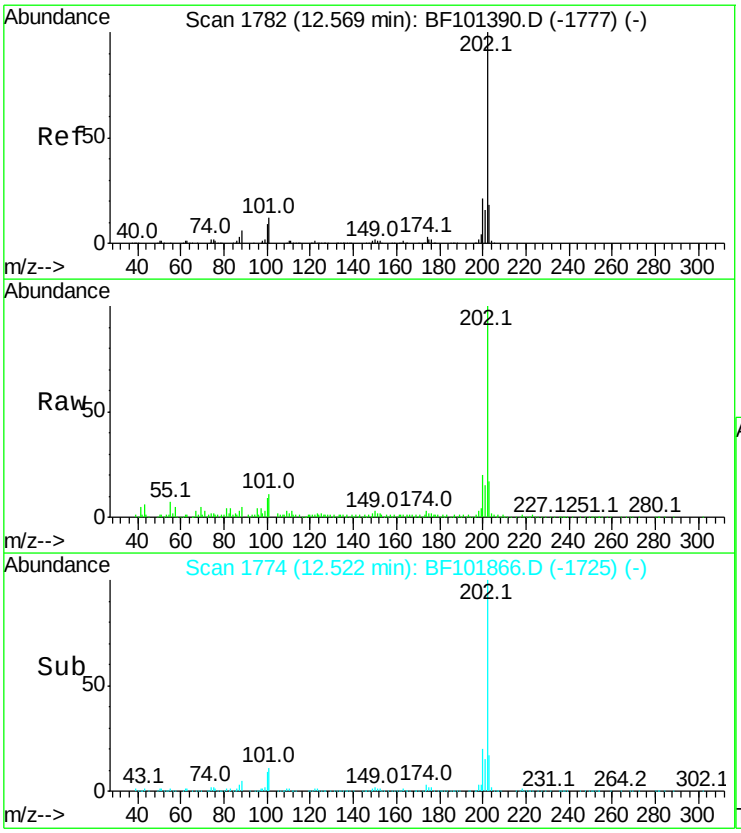
#71
Anthracene
Concen: 4.714 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.06 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 72426

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.0	12.6	19.0

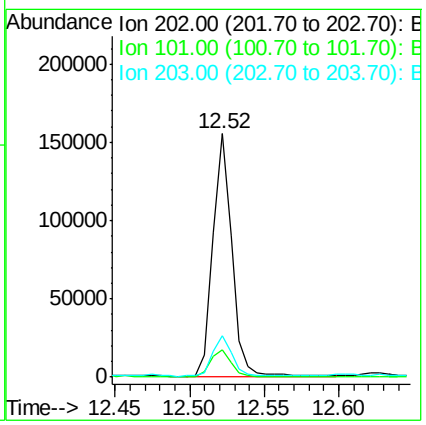


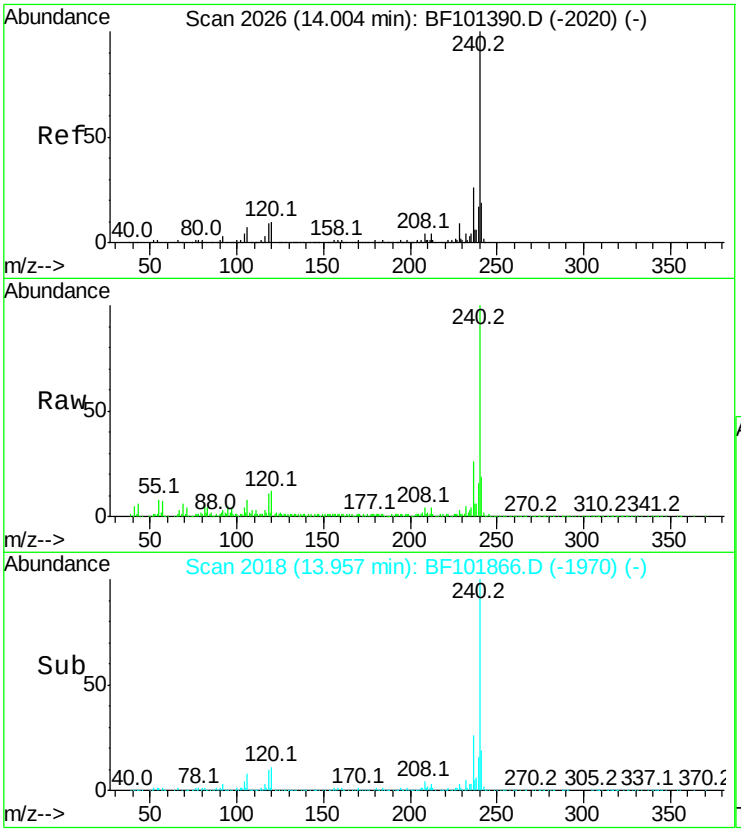


#74
Fluoranthene
Concen: 8.732 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:202 Resp: 137870

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.1	0.0	38.1



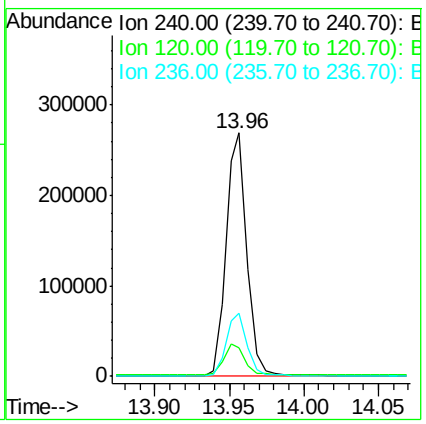


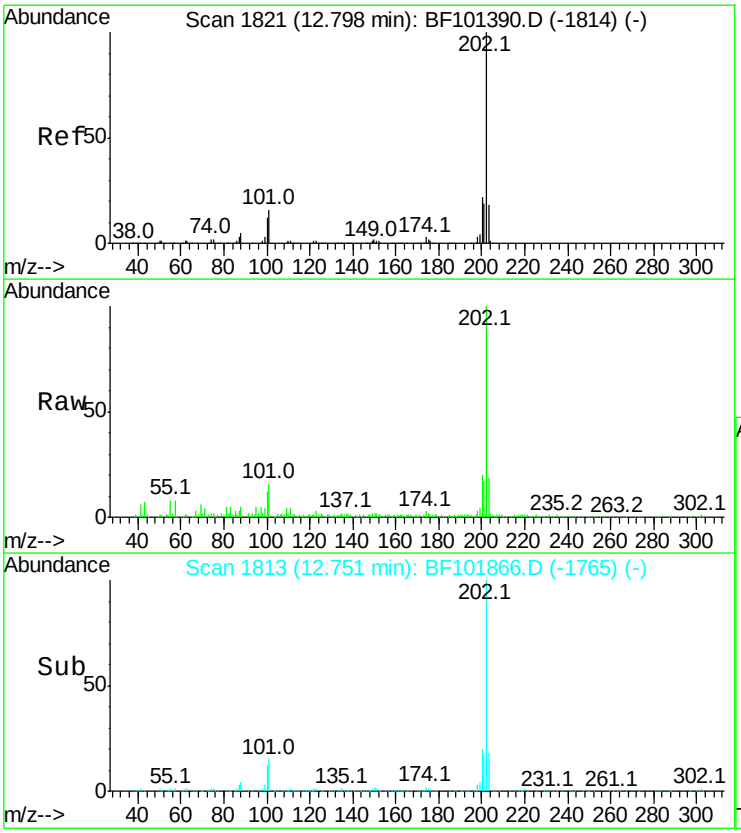
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 264468

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.1	20.7	31.1

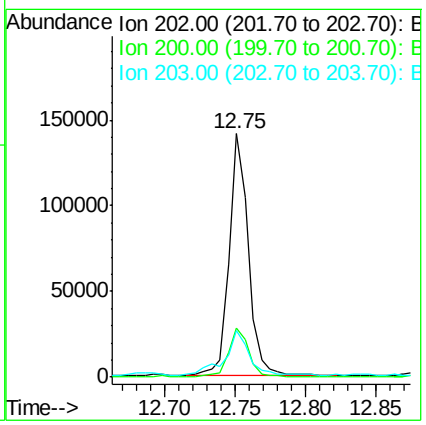


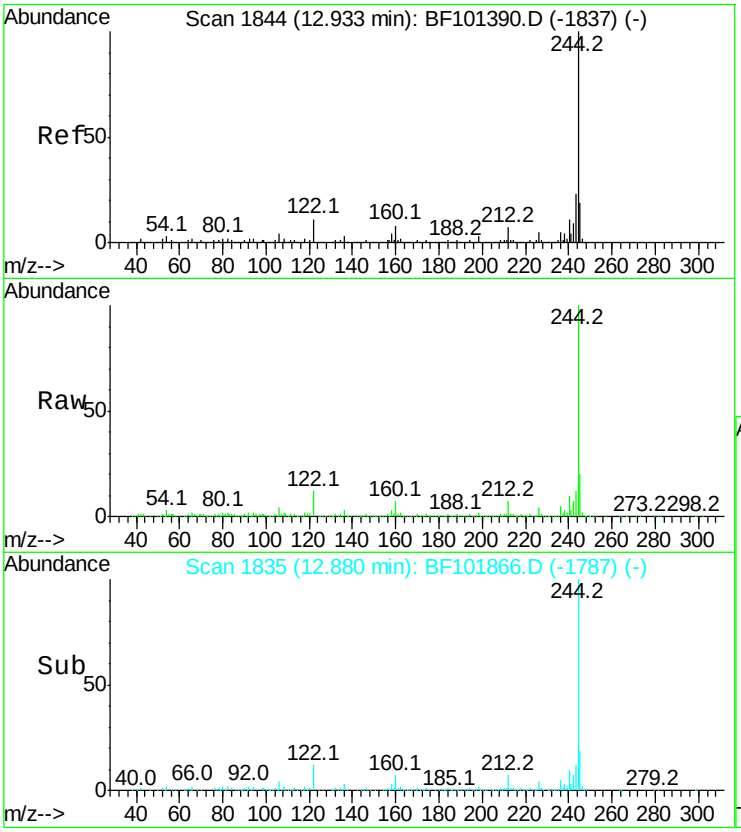


#77
Pyrene
Concen: 6.783 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:202 Resp: 134633

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	19.1	14.3	21.5



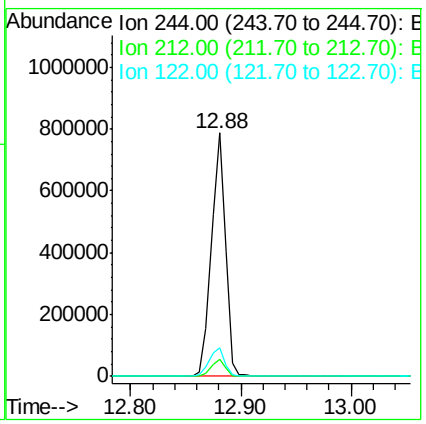


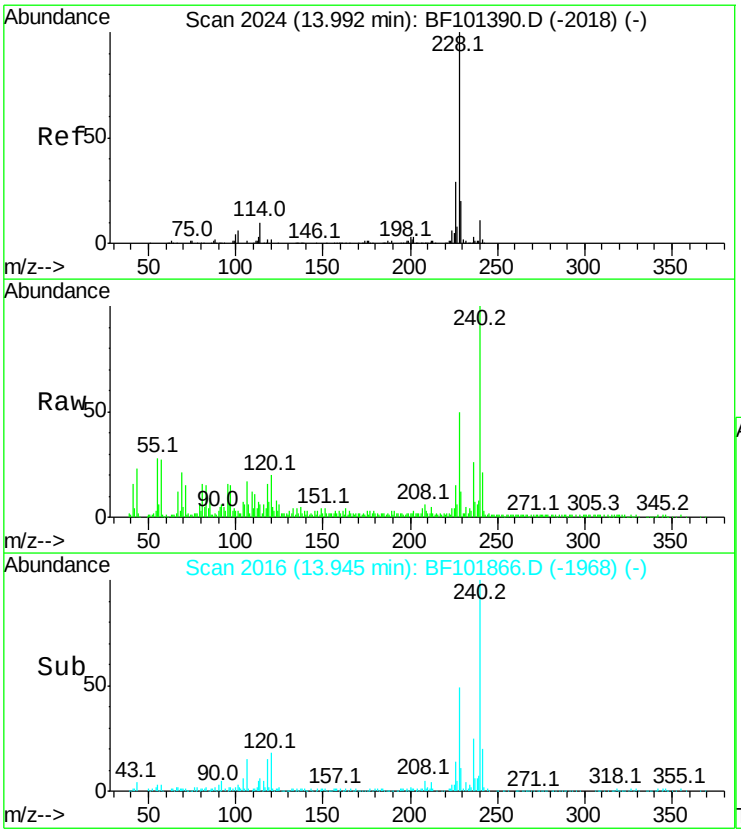
#78
Terphenyl-d14
Concen: 62.679 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 687601

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4

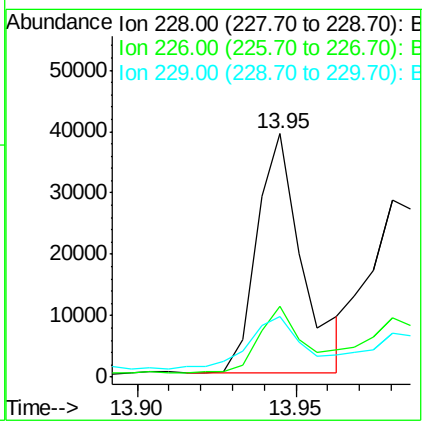


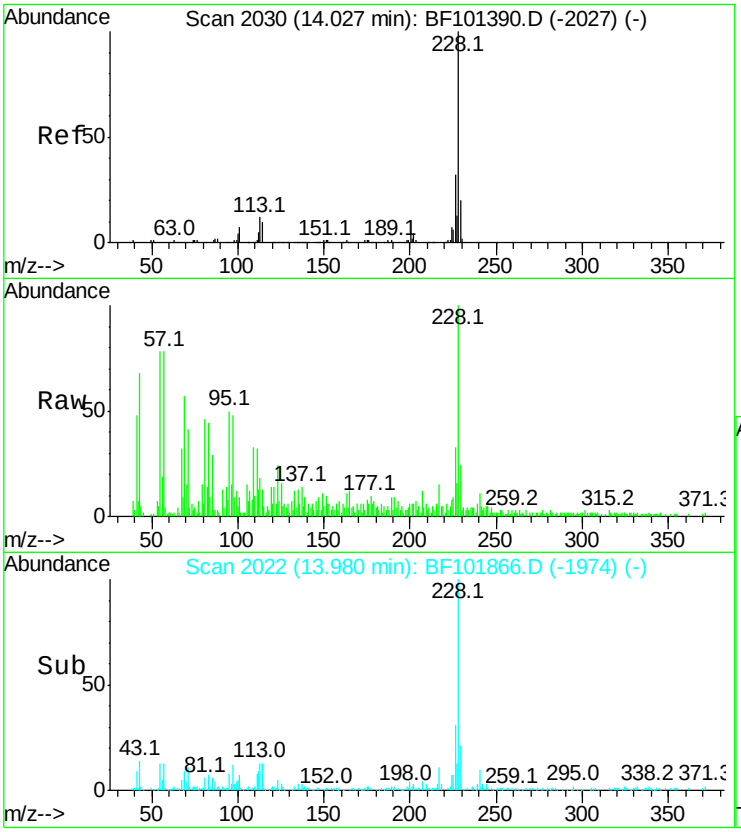


#80
Benzo(a)anthracene
Concen: 2.209 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:228 Resp: 38572

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	24.7	15.8	23.6#



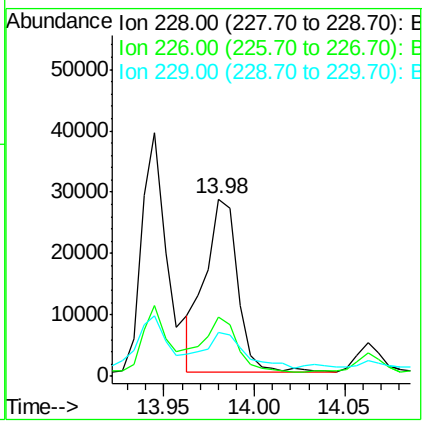


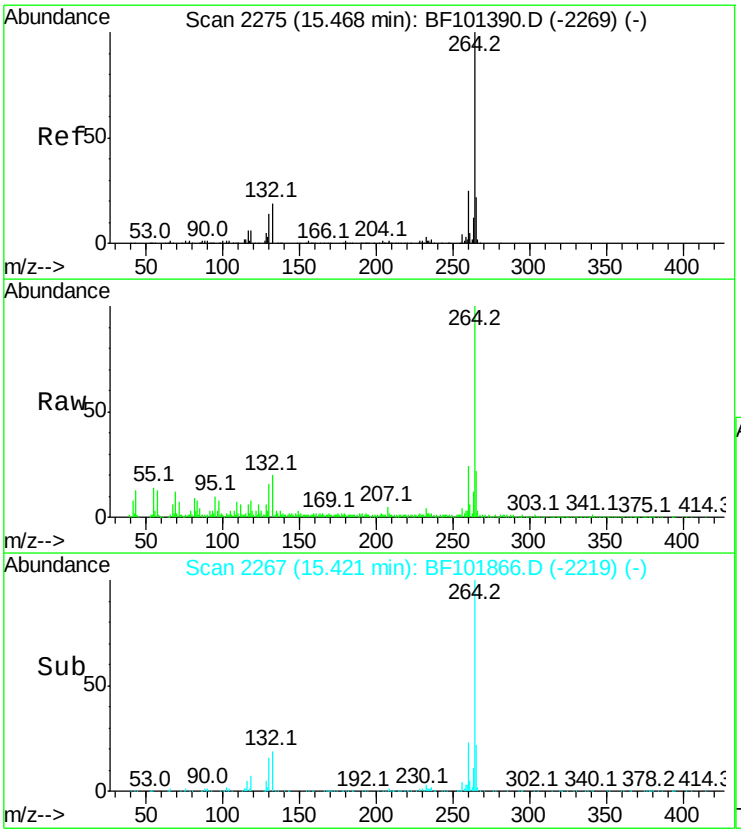
#82
Chrysene
Concen: 2.166 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 35711

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.0	37.6
229	24.4	16.2	24.4#

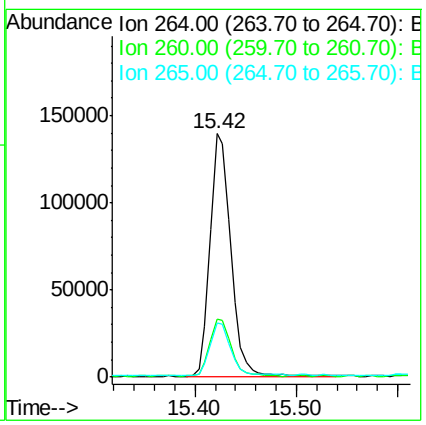


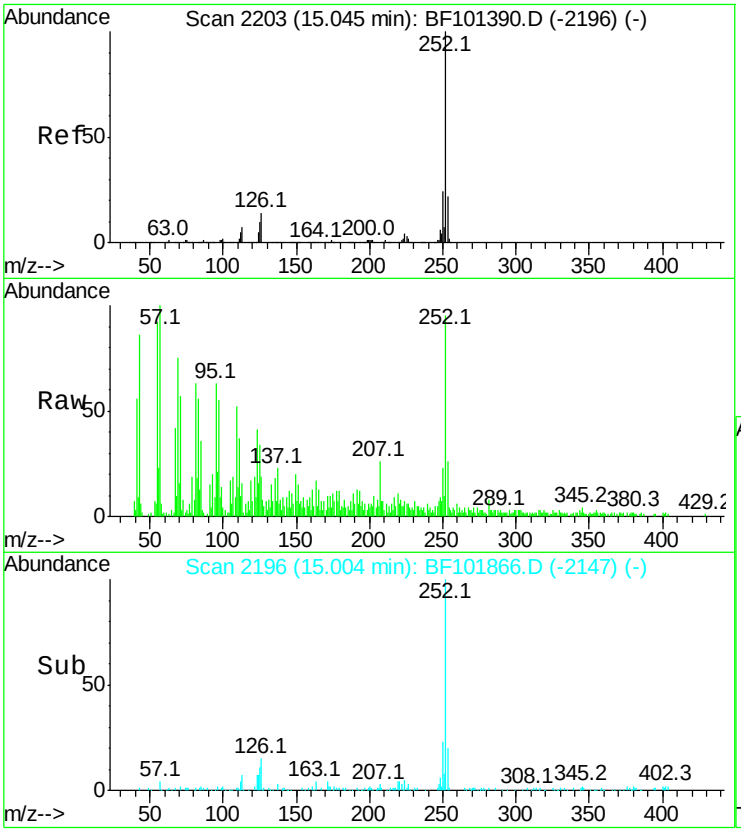


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:264 Resp: 197540

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	17.5	26.3



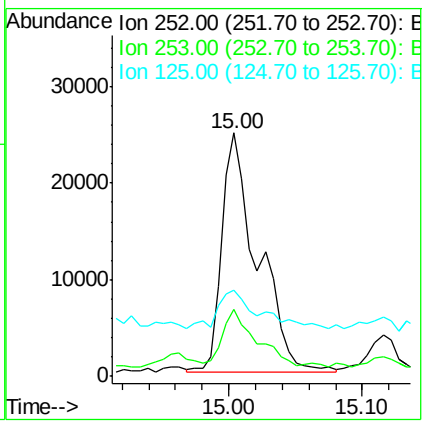


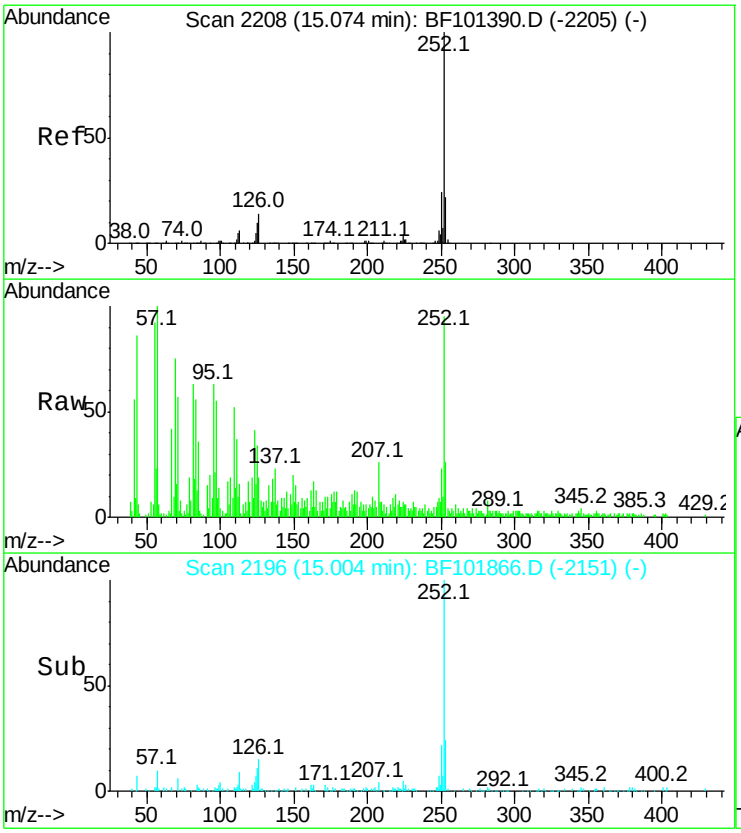
#87
Benzo(b)fluoranthene
Concen: 3.843 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 46272

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.0	25.6#
125	35.3	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.953 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:252 Resp: 46272

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.9	26.9#
125	35.3	10.2	15.2#