Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102188.D
Acq On : 18 Jan 2018 9:29
Operator : SJ/JU
Sample : J1144-05DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-5DL

Quant Time: Jan 18 10:09:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140430	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	500771	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	210070	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	293954	20.00	ng	0.00
75) Chrysene-d12	13.86	240	242892	20.00	ng	-0.01
86) Perylene-d12	15.28	264	241255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	211838	21.30	ng	0.00
7) Phenol-d6	6.35	99	247593	20.87	ng	-0.01
23) Nitrobenzene-d5	7.28	82	153755	18.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	32090	17.50	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	253137	18.83	ng	0.00
78) Terphenyl-d14	12.82	244	158363	13.54	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.26	117	167637	41.493	ng	# 1
22) Acetophenone	7.12	105	43937	3.641	ng	# 39
24) Nitrobenzene	7.29	77	19397	2.118	ng	# 24
25) Isophorone	7.53	82	47762	2.837	ng	# 1
31) Naphthalene	8.03	128	654200	26.144	ng	# 96
37) 2-Methylnaphthalene	8.72	142	855581	51.938	ng	98
47) 2-Nitroaniline	9.34	65	13887	3.220	ng	# 34
53) 2,4-Dinitrophenol	9.83	184	186	8.787	ng	# 1
56) 2,4-Dinitrotoluene	9.96	165	16456	3.900	ng	# 58
57) Fluorene	10.30	166	86372	6.564	ng	# 82
64) 4,6-Dinitro-2-methylphenol	10.37	198	765	6.085	ng	# 1
65) n-Nitrosodiphenylamine	10.42	169	81996	7.449	ng	# 53
70) Phenanthrene	11.26	178	146424	8.527	ng	97
71) Anthracene	11.26	178	146424	8.408	ng	97

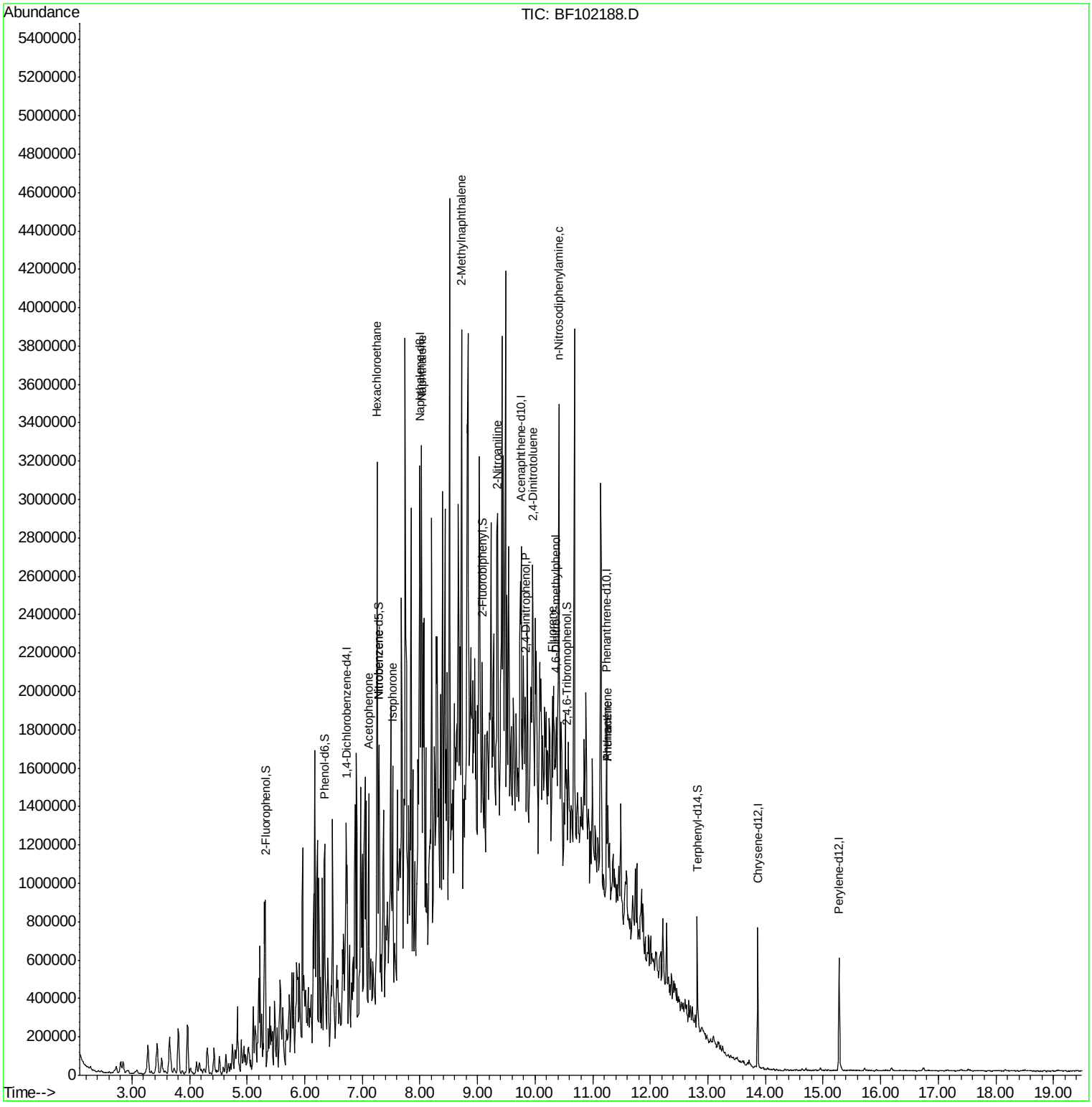
(#) = qualifier out of range (m) = manual integration (+) = signals summed

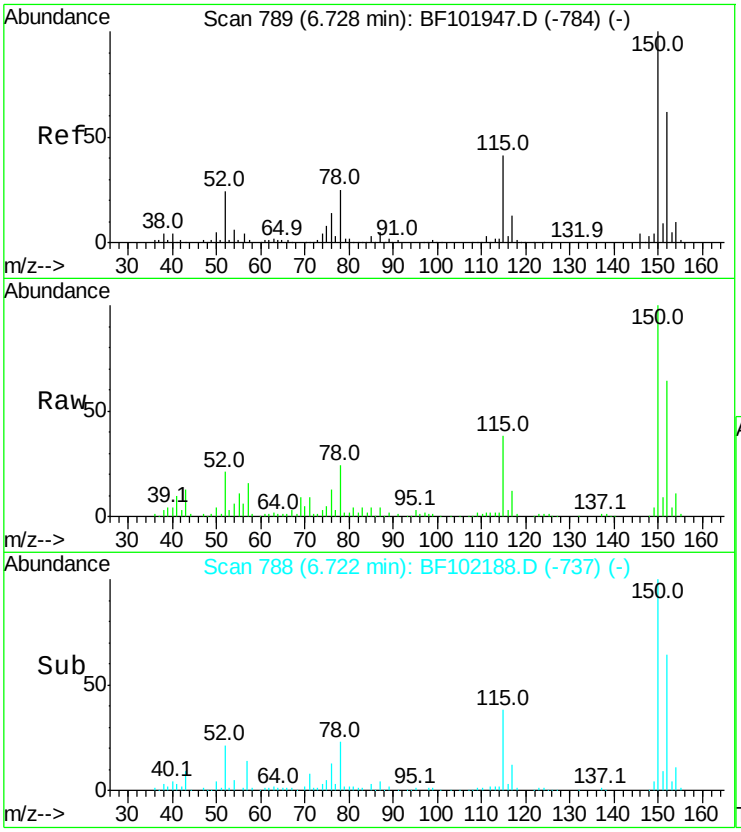
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102188.D
Acq On : 18 Jan 2018 9:29
Operator : SJ/JU
Sample : J1144-05DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Quant Time: Jan 18 10:09:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



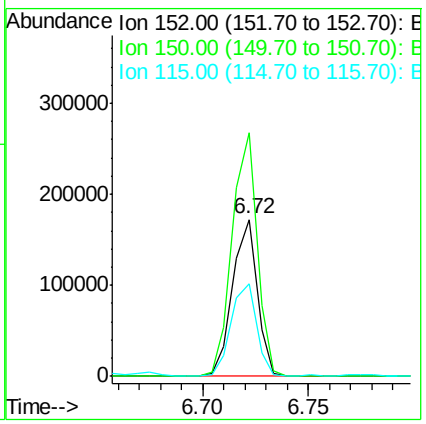


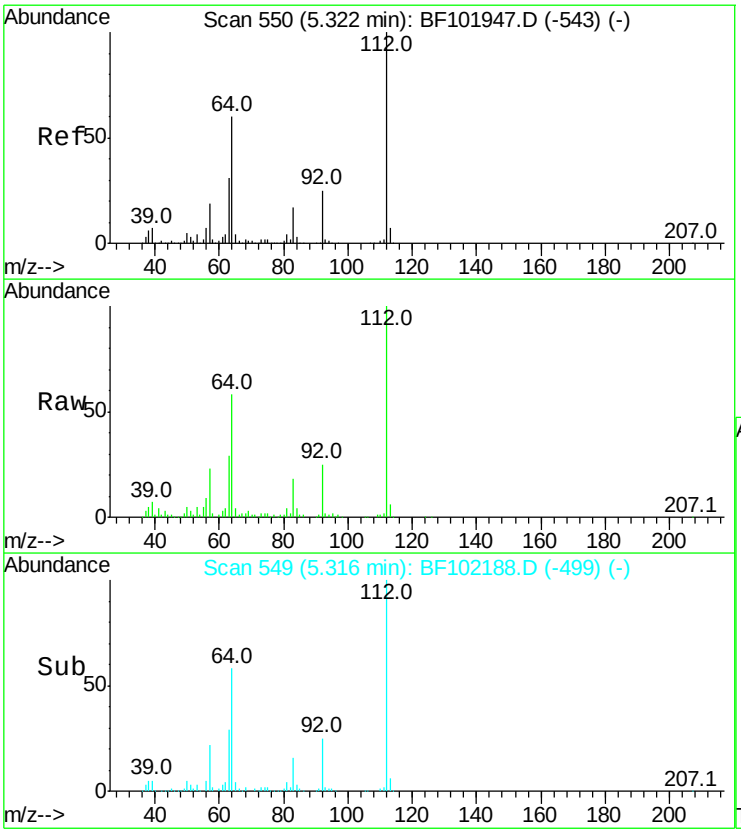
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion:152 Resp: 140430

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	59.2	50.1	75.1

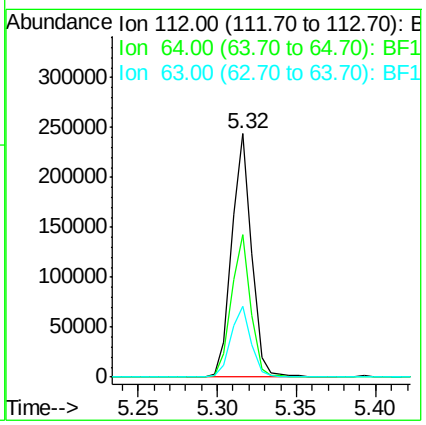


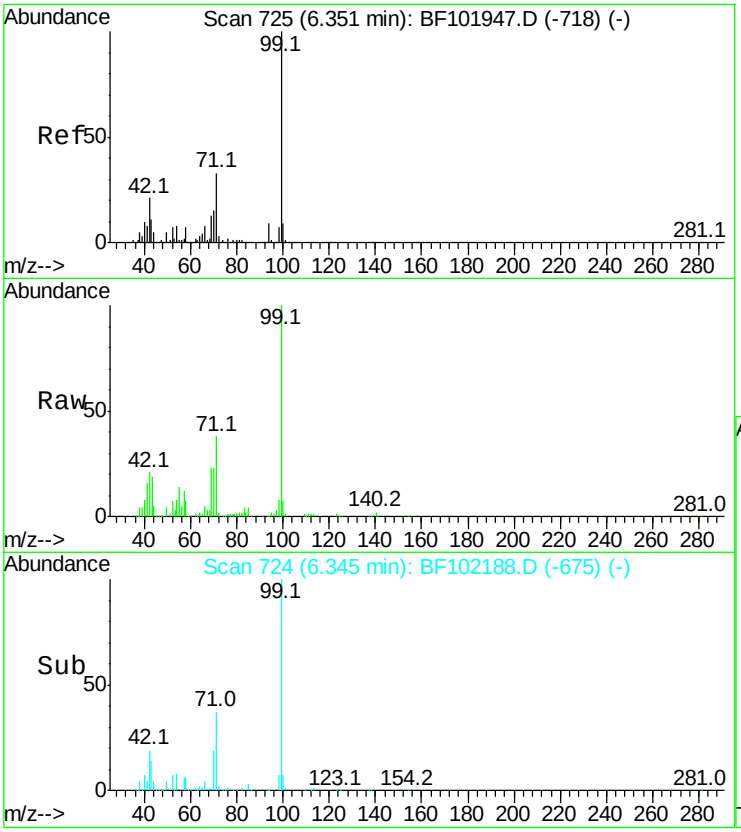


#5
2-Fluorophenol
Concen: 21.301 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:112 Resp: 211838

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	29.3	23.7	35.5



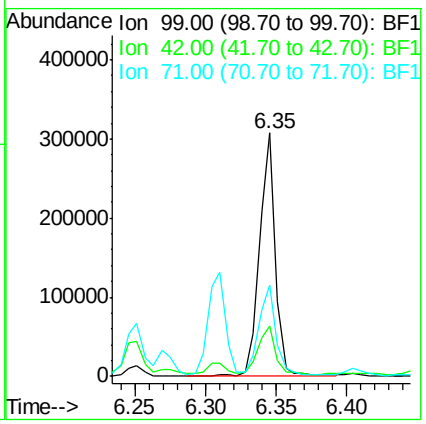


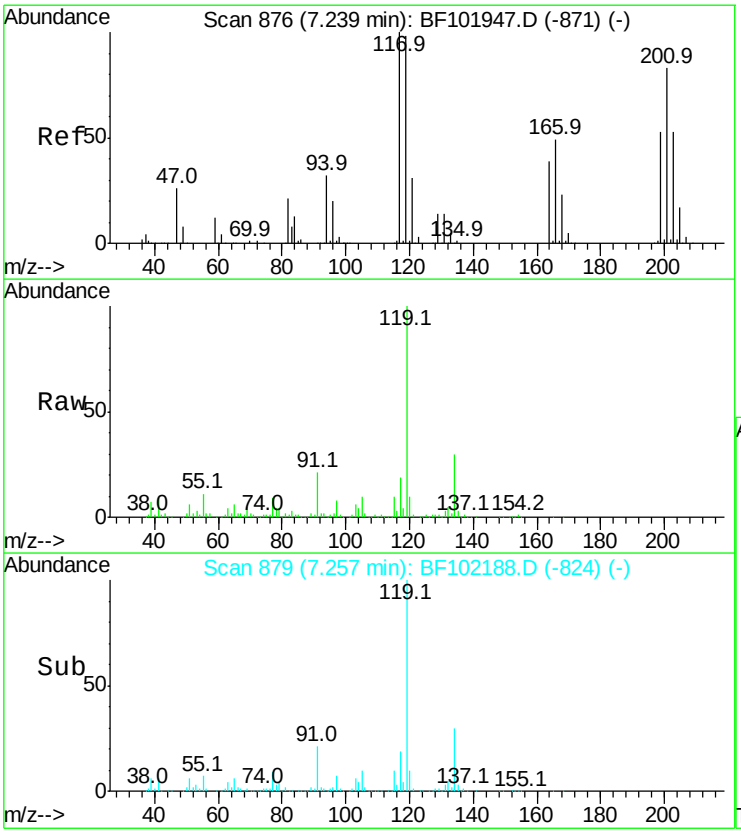
#7
Phenol-d6
Concen: 20.867 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion: 99 Resp: 247593

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	37.6	25.4	38.0

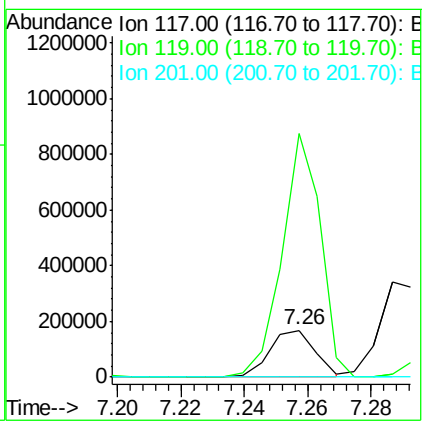


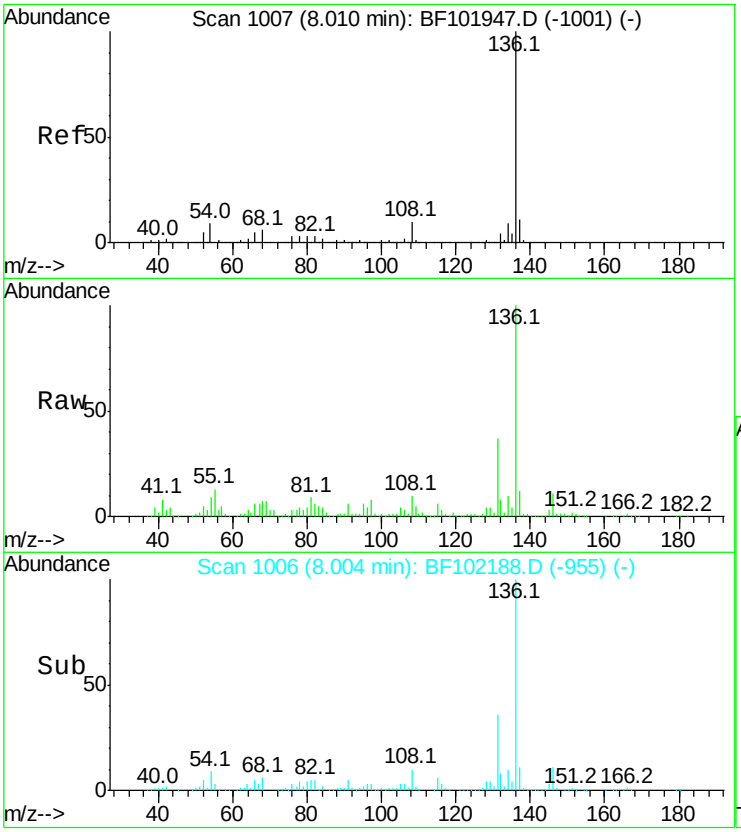


#18
Hexachloroethane
Concen: 41.493 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.02 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:117 Resp: 167637

Ion	Ratio	Lower	Upper
117	100		
119	519.2	75.8	113.8#
201	0.0	75.7	113.5#



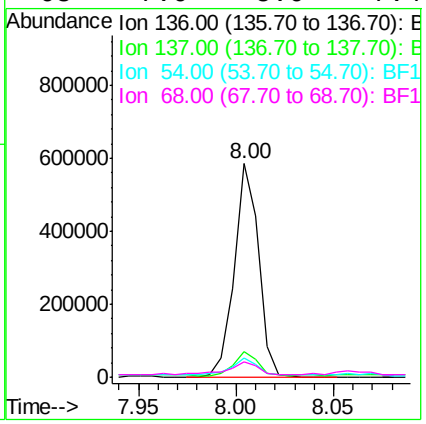


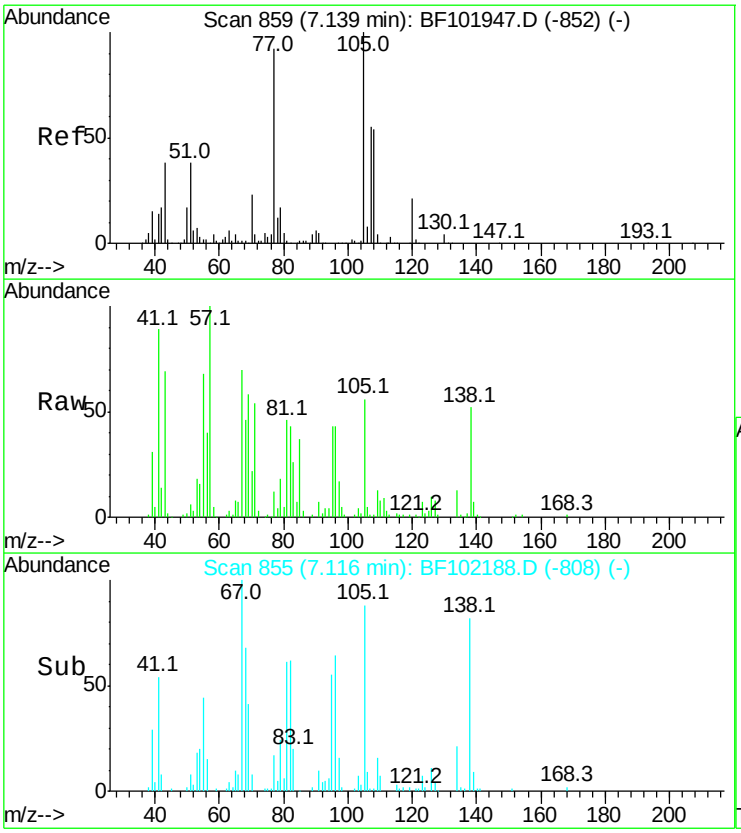
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion:136 Resp: 500771

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	9.2	6.6	9.8
68	7.0	5.0	7.4

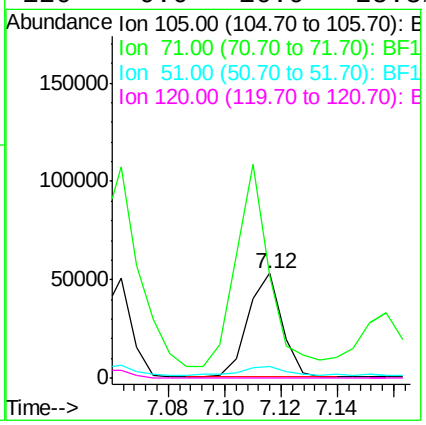


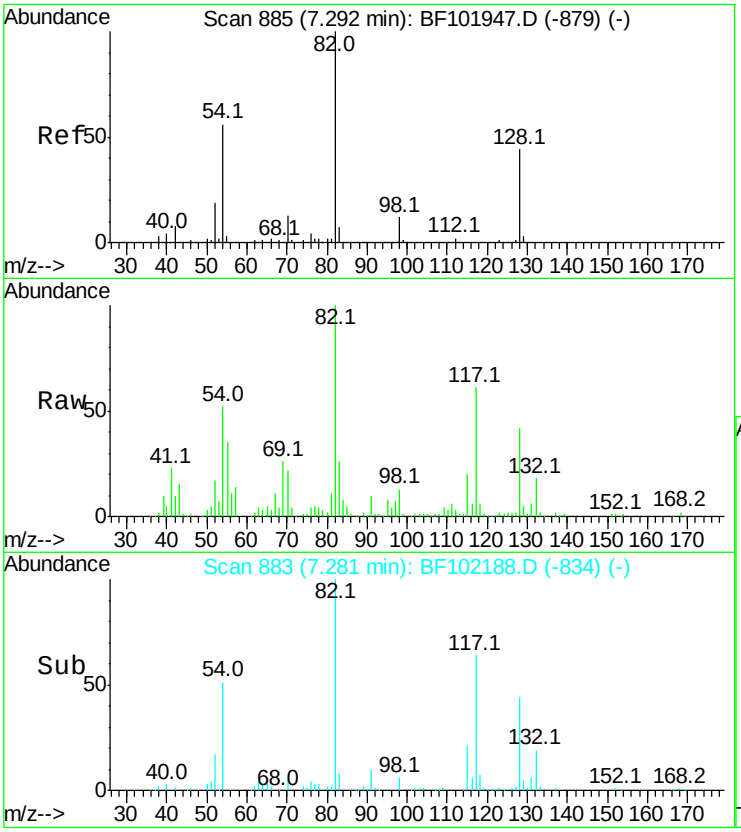


#22
Acetophenone
Concen: 3.641 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:105 Resp: 43937

Ion	Ratio	Lower	Upper
105	100		
71	97.7	4.4	6.6#
51	11.5	22.3	33.5#
120	0.0	16.9	25.3#



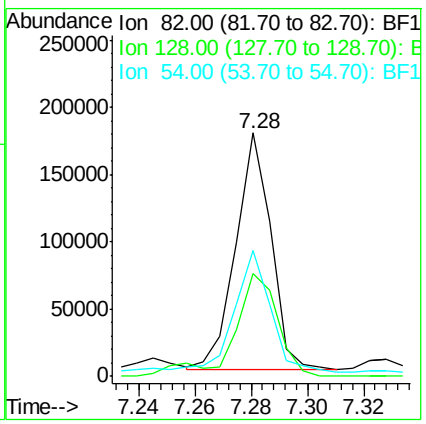


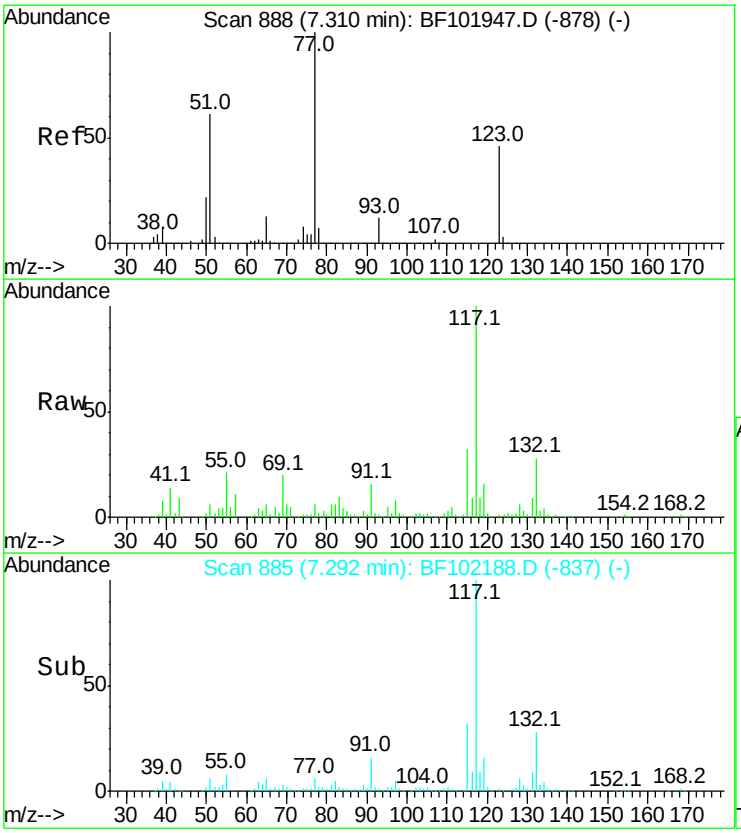
#23
Nitrobenzene-d5
Concen: 18.043 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion: 82 Resp: 153755

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	51.7	41.4	62.2

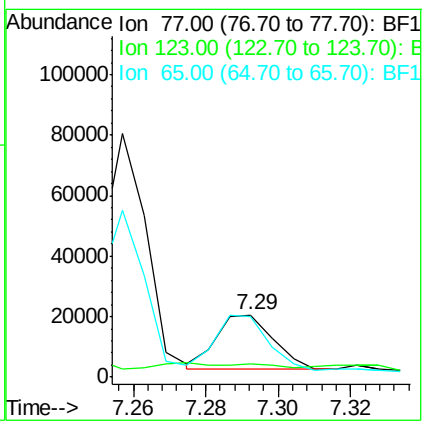


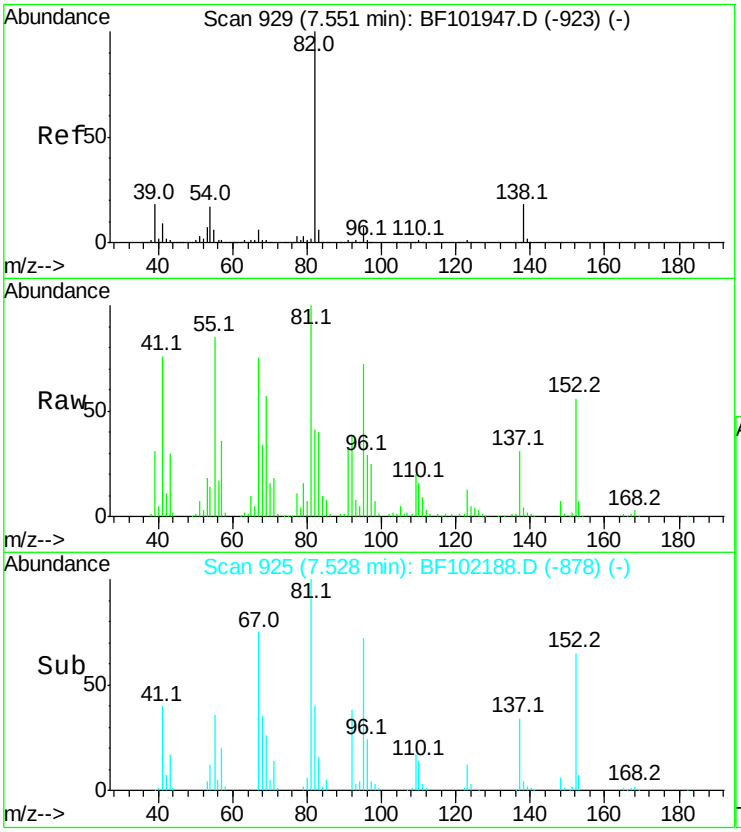


#24
Nitrobenzene
Concen: 2.118 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion: 77 Resp: 19397

Ion	Ratio	Lower	Upper
77	100		
123	21.8	37.9	56.9#
65	96.8	11.0	16.4#



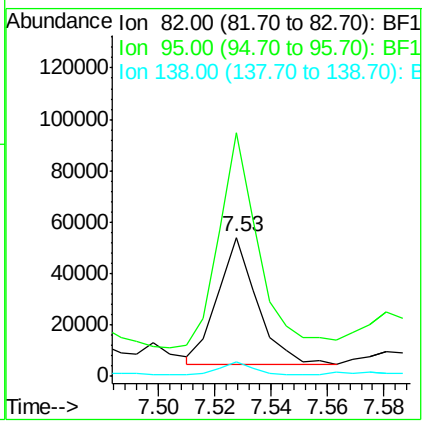


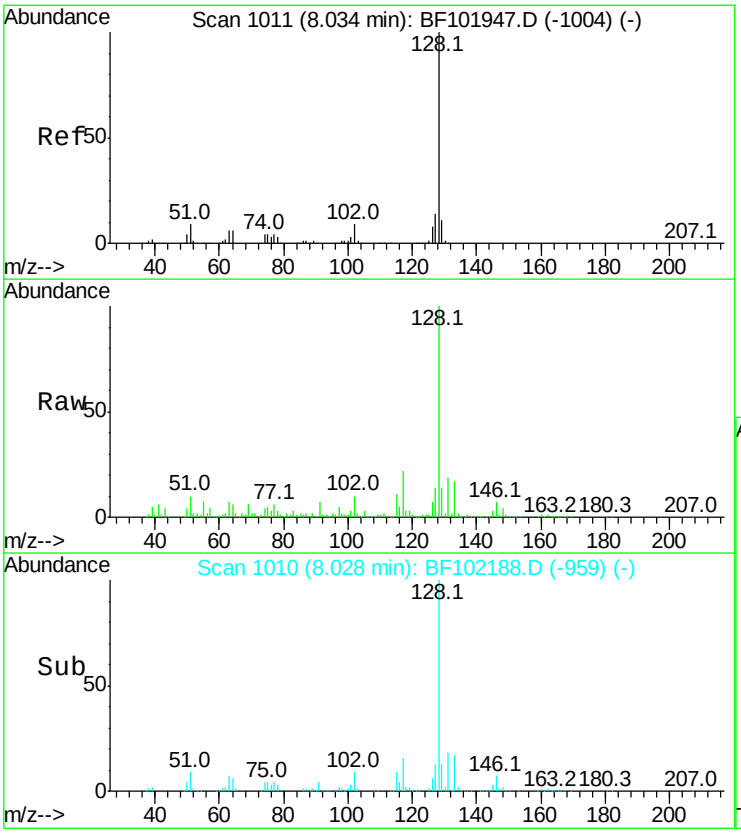
#25
Isophorone
Concen: 2.837 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion: 82 Resp: 47762

Ion	Ratio	Lower	Upper
82	100		
95	175.5	5.2	7.8#
138	10.3	14.9	22.3#

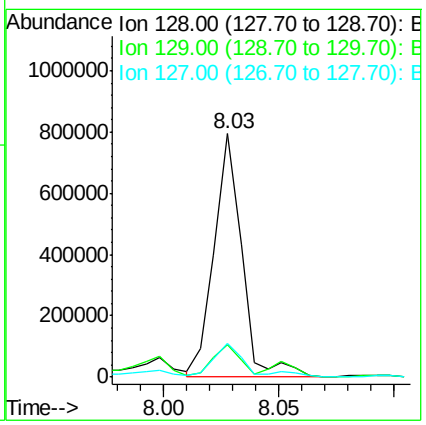


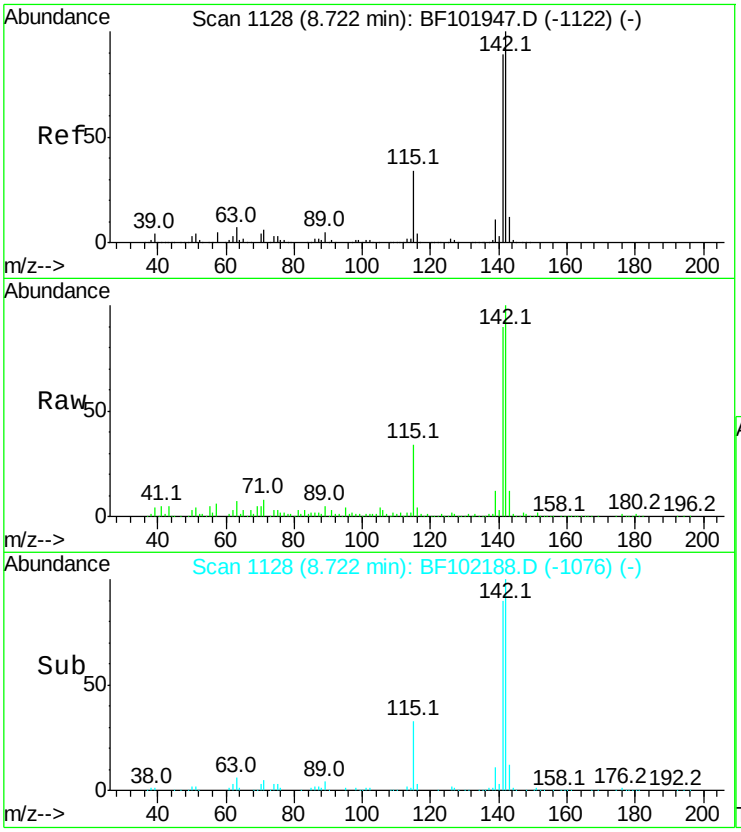


#31
Naphthalene
Concen: 26.144 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:128 Resp: 654200

Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.8	13.2#
127	14.0	10.9	16.3



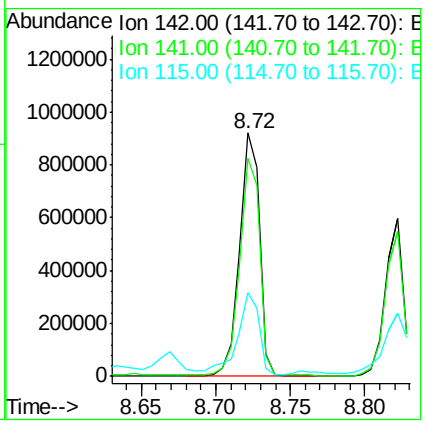


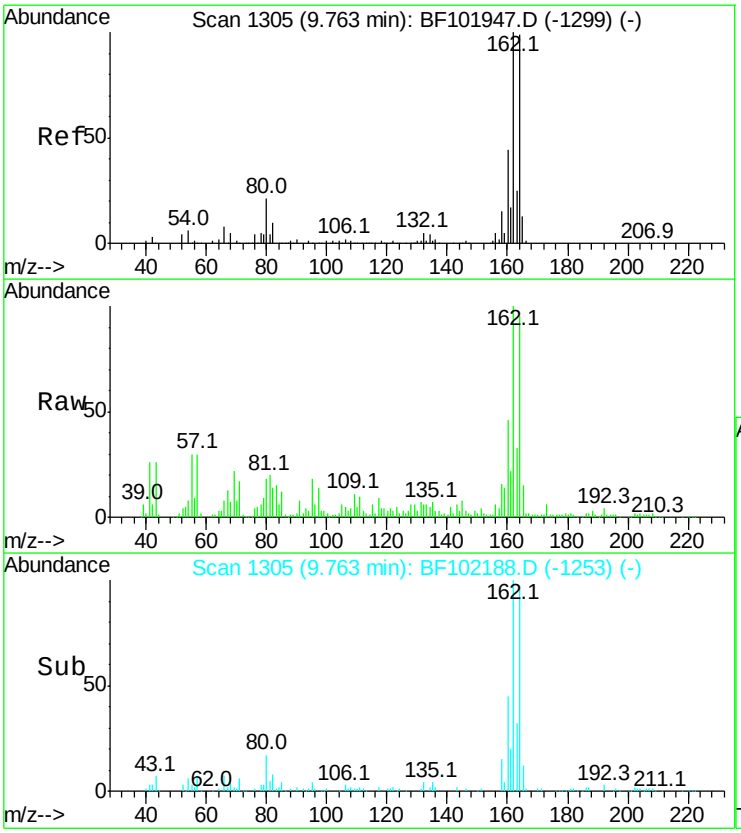
#37
2-Methylnaphthalene
Concen: 51.938 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion:142 Resp: 855581

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	34.4	26.1	39.1

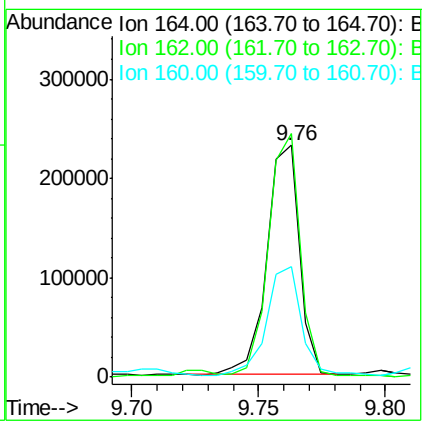


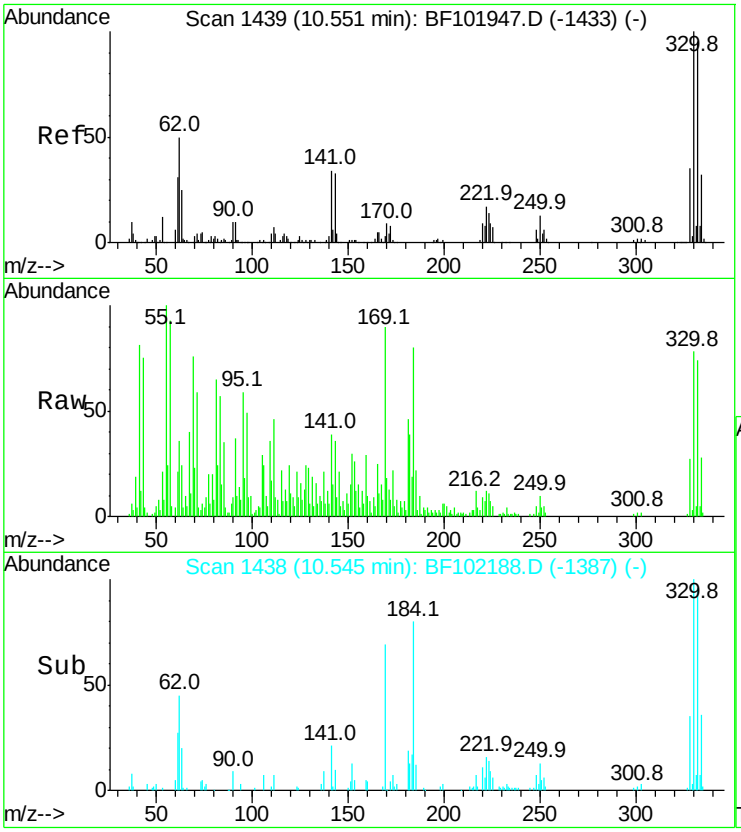


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:164 Resp: 210070

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	47.9	38.3	57.5



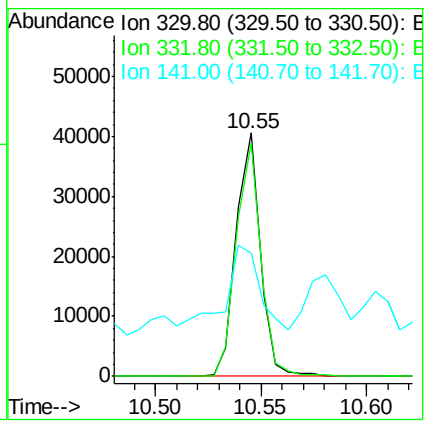


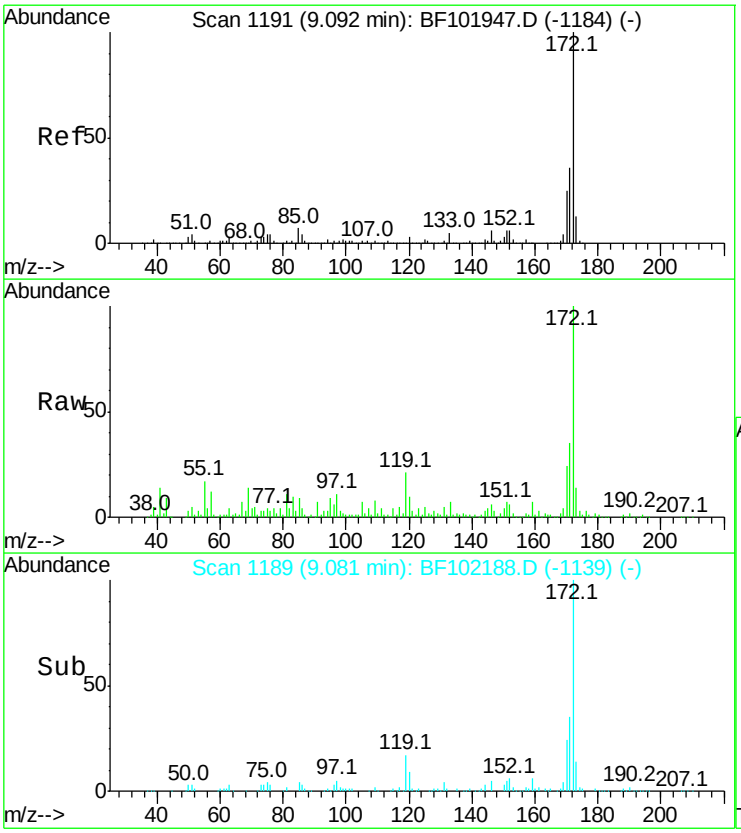
#41
2,4,6-Tribromophenol
Concen: 17.504 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion:330 Resp: 32090

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	47.8	29.9	44.9#

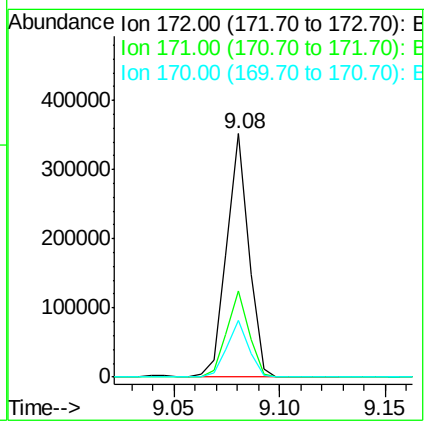


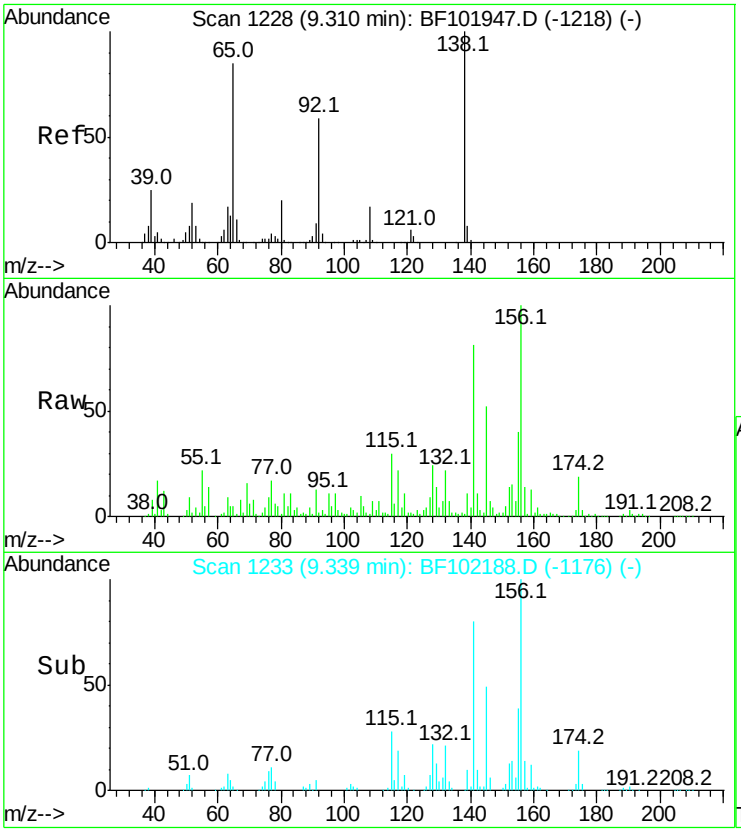


#44
2-Fluorobiphenyl
Concen: 18.826 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:172 Resp: 253137

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.5	19.6	29.4



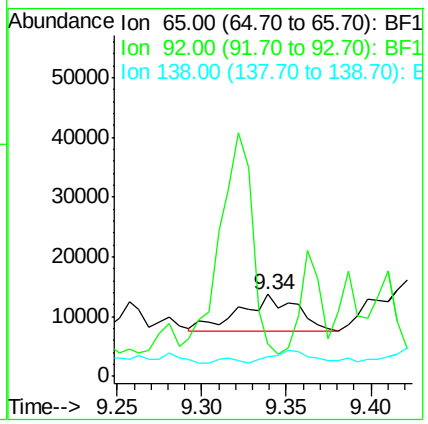


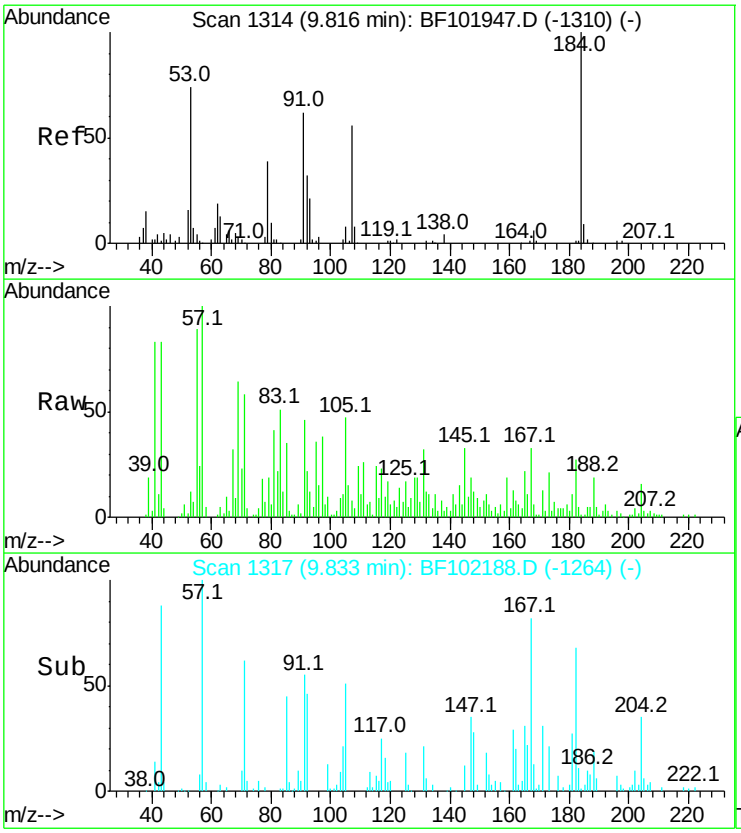
#47
2-Nitroaniline
Concen: 3.220 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.04 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion: 65 Resp: 13887

Ion	Ratio	Lower	Upper
65	100		
92	39.1	55.8	83.6#
138	23.5	91.2	136.8#

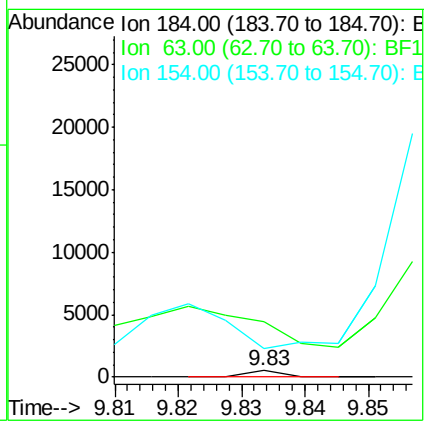


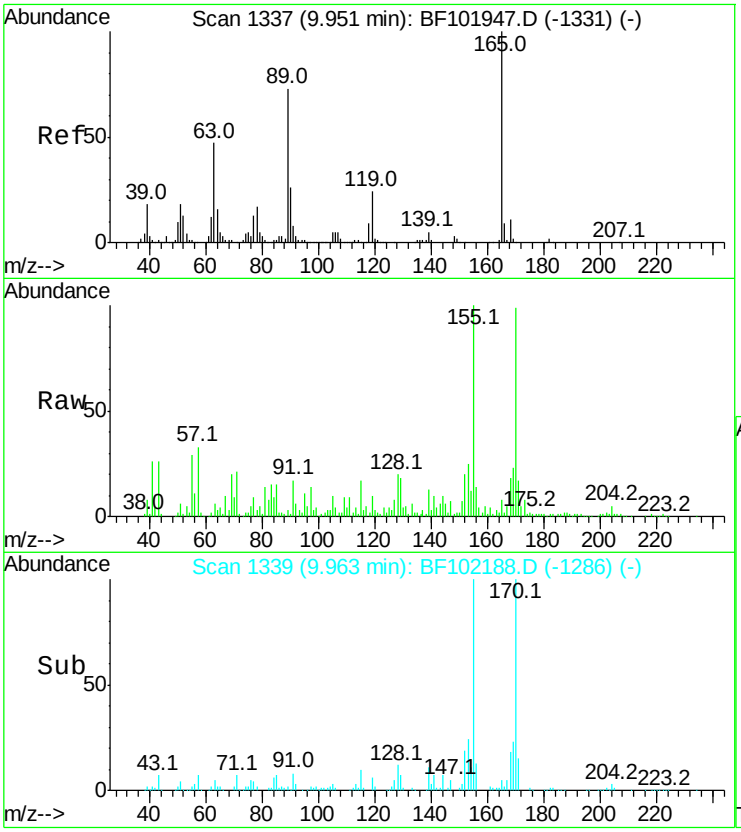


#53
2,4-Dinitrophenol
Concen: 8.787 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:184 Resp: 186

Ion	Ratio	Lower	Upper
184	100		
63	841.4	54.2	81.2#
154	437.6	184.0	276.0#



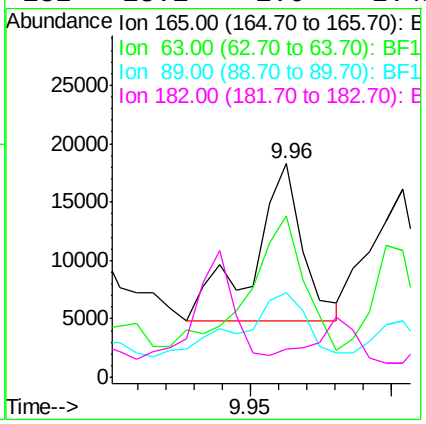


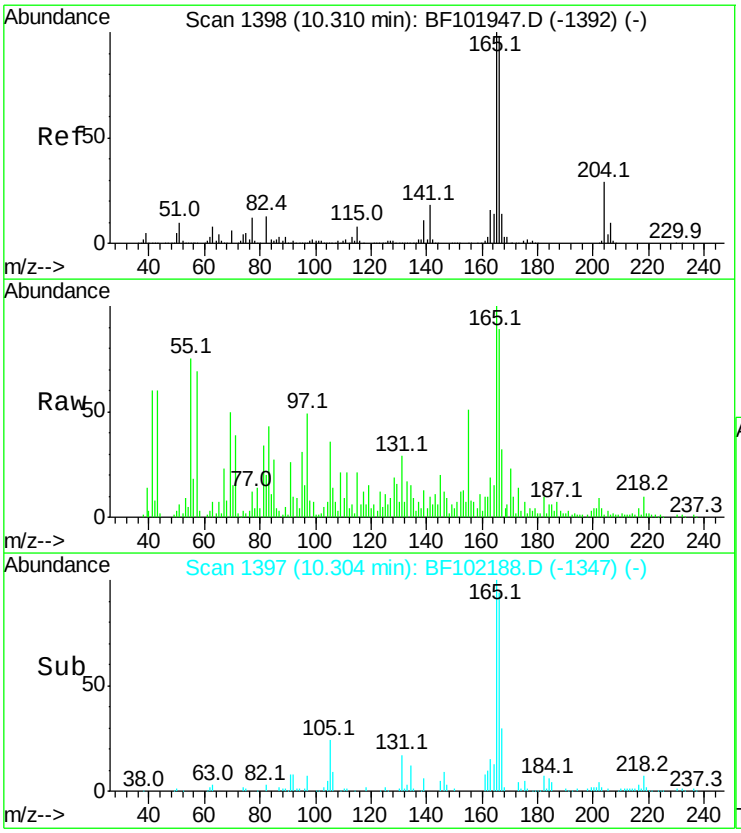
#56
2,4-Dinitrotoluene
Concen: 3.900 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion:165 Resp: 16456

Ion	Ratio	Lower	Upper
165	100		
63	75.7	36.4	54.6#
89	39.3	57.8	86.6#
182	13.1	1.6	2.4#

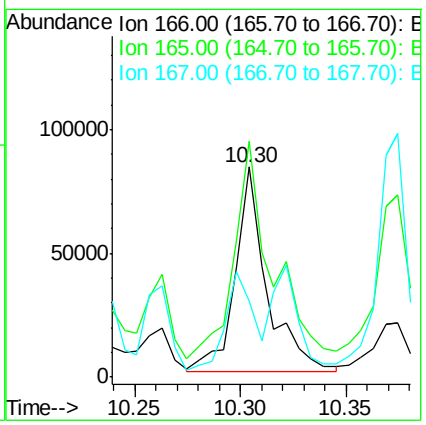


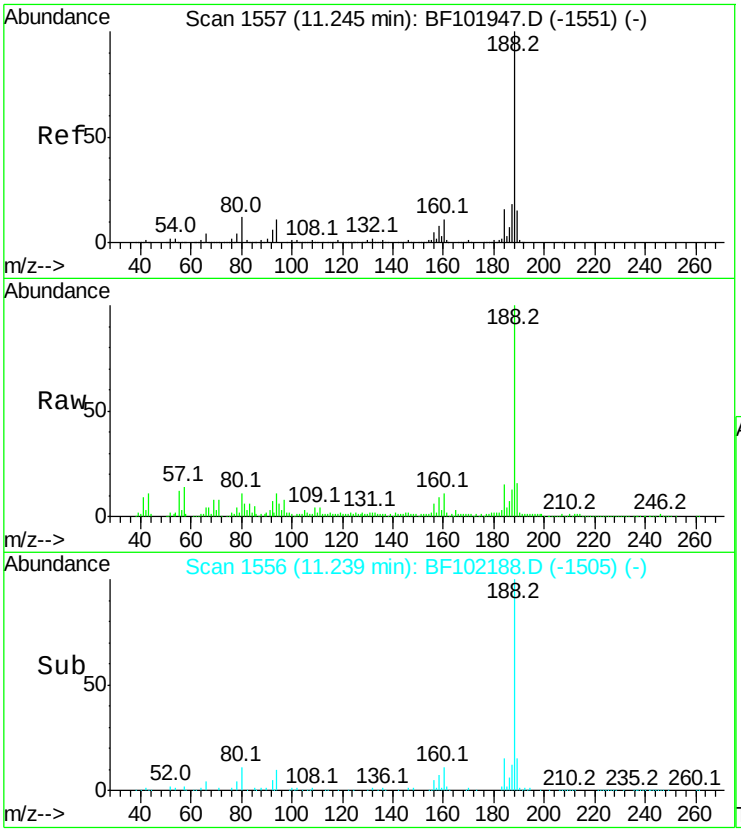


#57
Fluorene
Concen: 6.564 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:166 Resp: 86372

Ion	Ratio	Lower	Upper
166	100		
165	112.6	79.8	119.8
167	36.3	10.6	16.0#



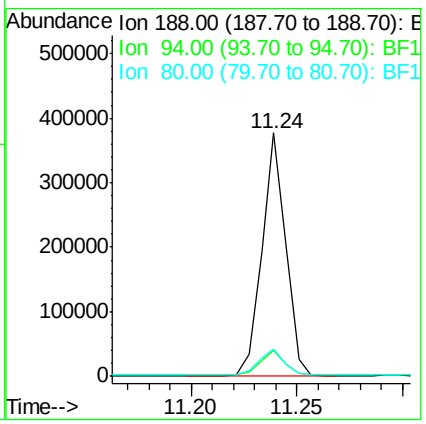


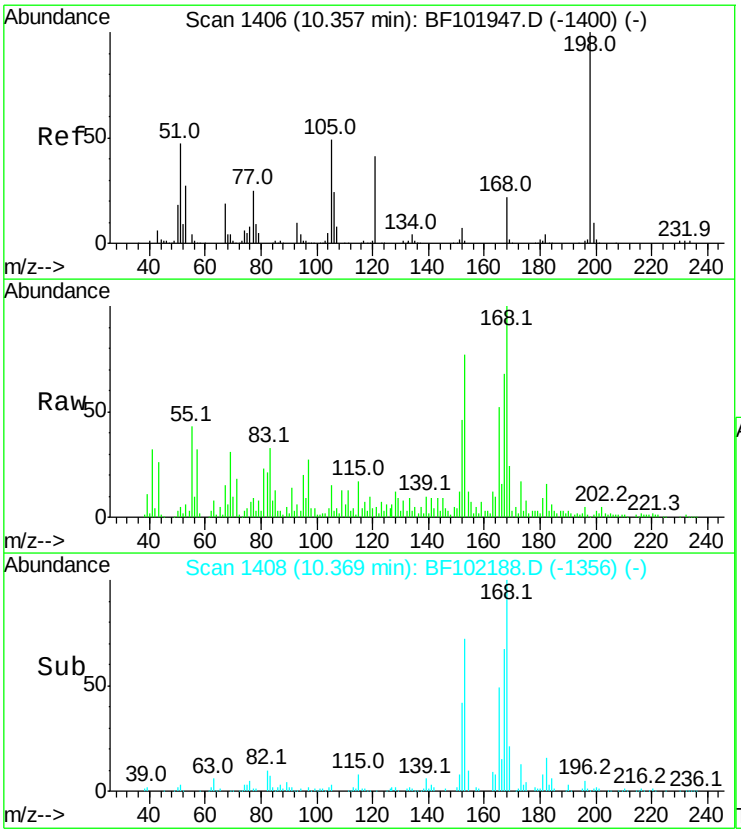
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion:188 Resp: 293954

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.3	9.2	13.8

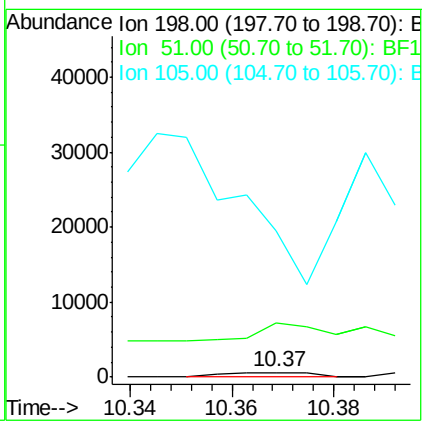


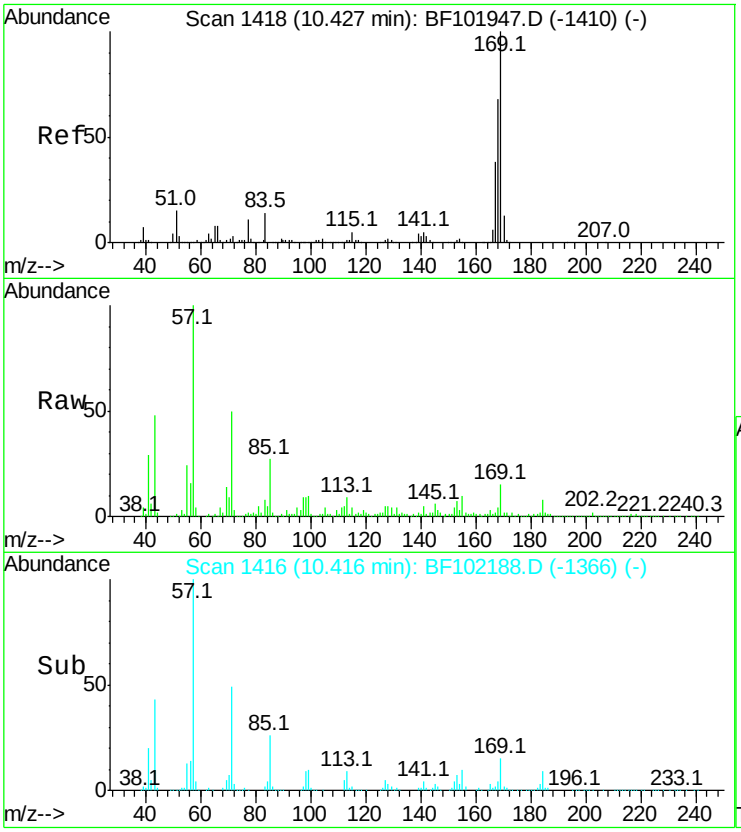


#64
4,6-Dinitro-2-methylphenol
Concen: 6.085 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:198 Resp: 765

Ion	Ratio	Lower	Upper
198	100		
51	1174.7	37.7	77.7#
105	3165.0	36.3	76.3#



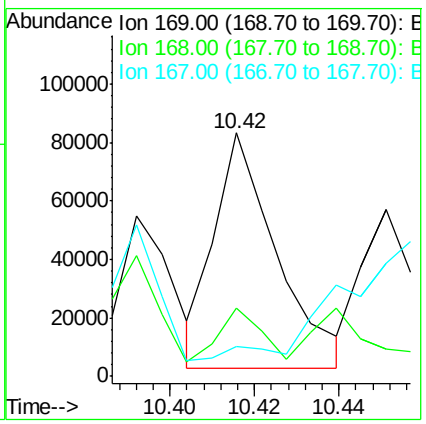


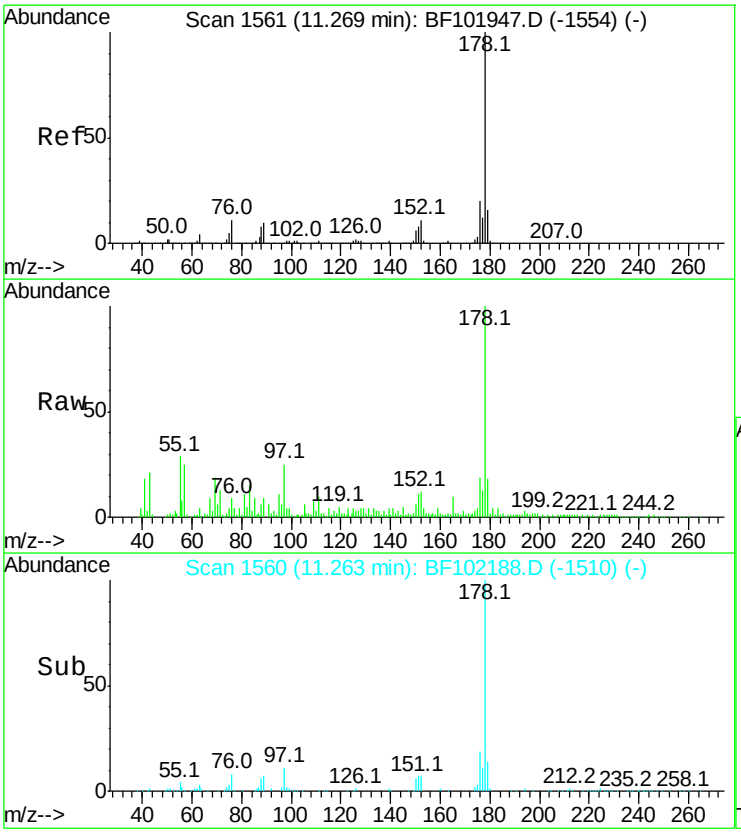
#65
n-Nitrosodiphenylamine
Concen: 7.449 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion:169 Resp: 81996

Ion	Ratio	Lower	Upper
169	100		
168	27.8	54.4	81.6#
167	12.3	29.8	44.6#

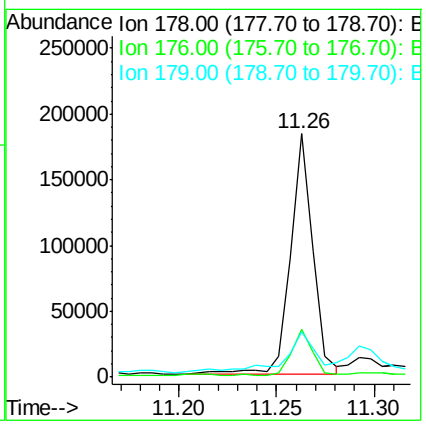


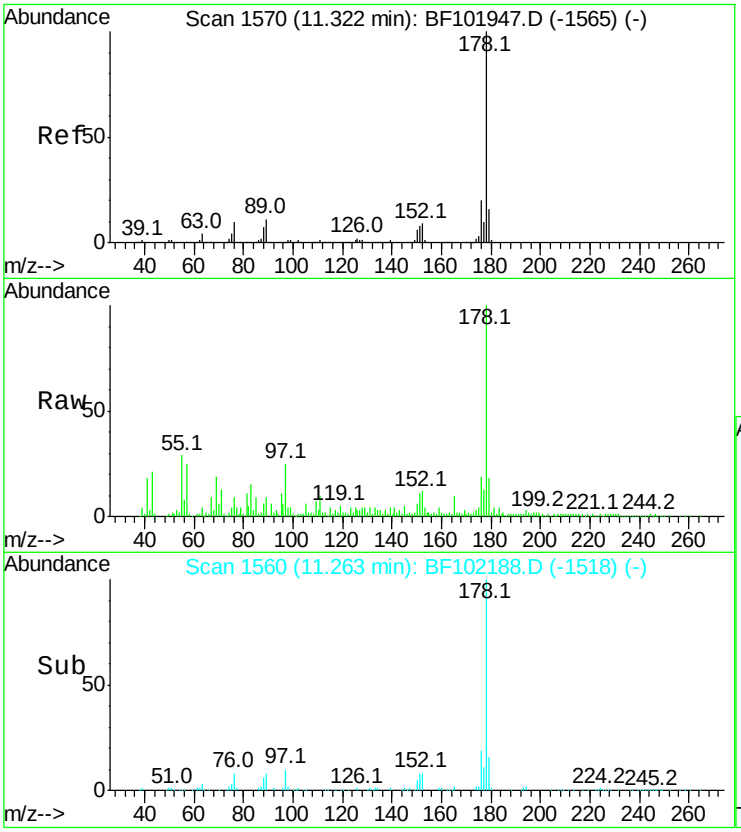


#70
Phenanthrene
Concen: 8.527 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:178 Resp: 146424

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	18.5	13.0	19.6



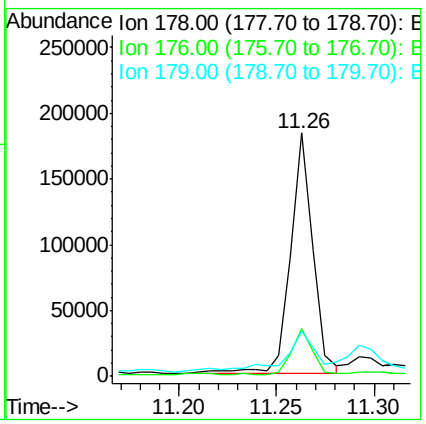


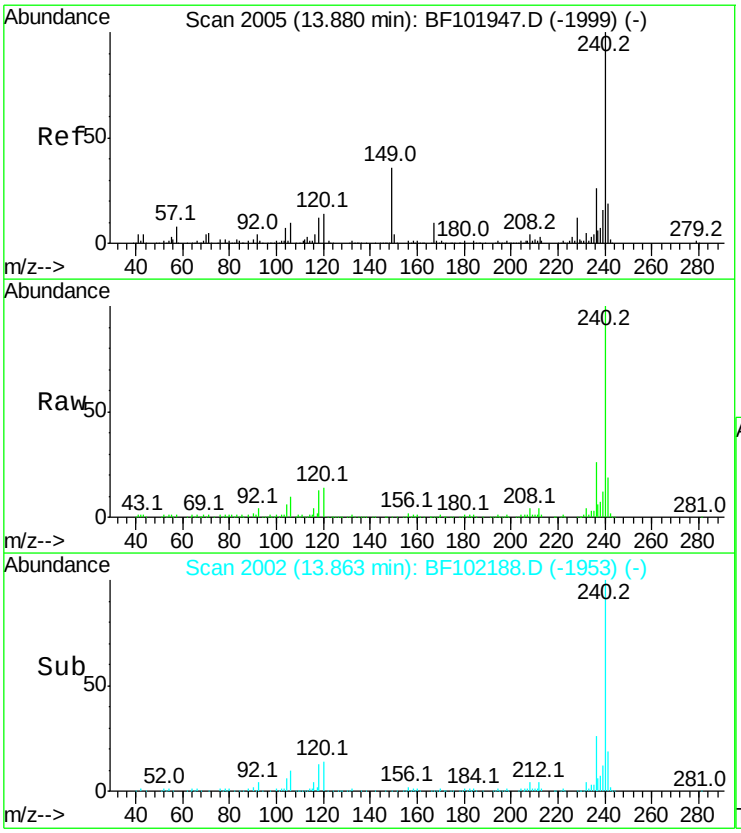
#71
Anthracene
Concen: 8.408 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.05 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion:178 Resp: 146424

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	18.5	12.6	19.0

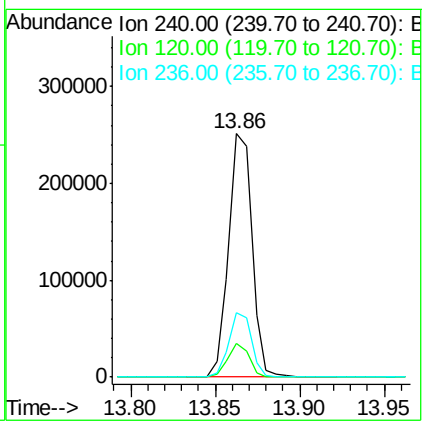


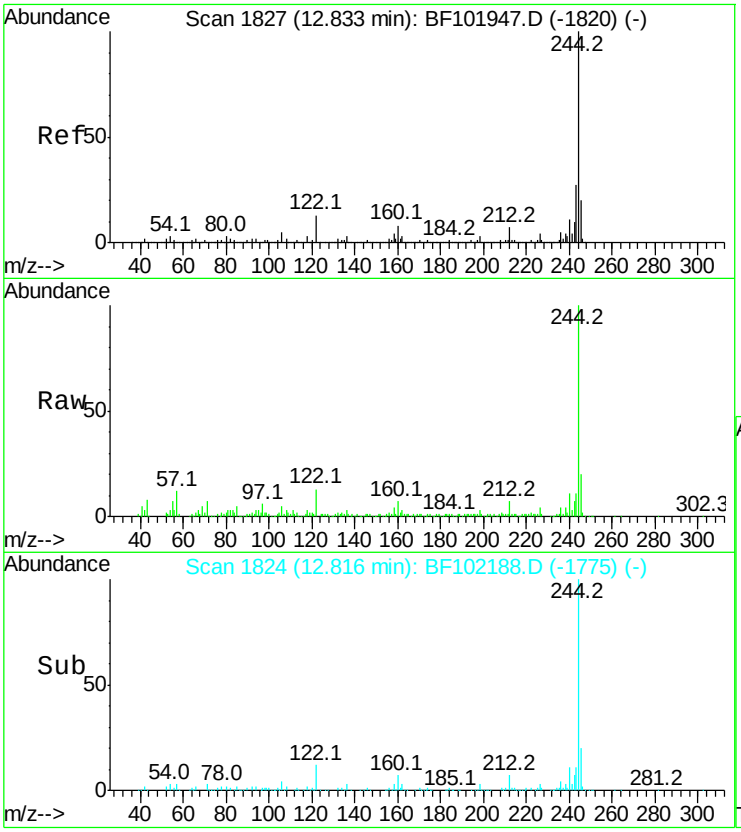


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:240 Resp: 242892

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.3	20.7	31.1



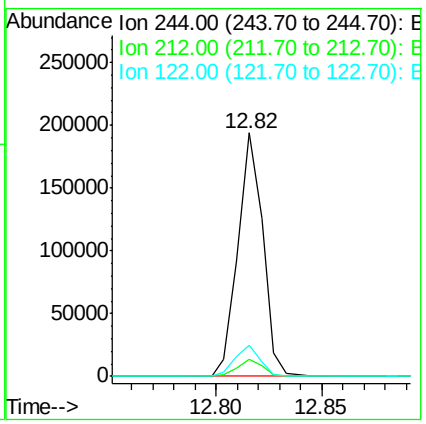


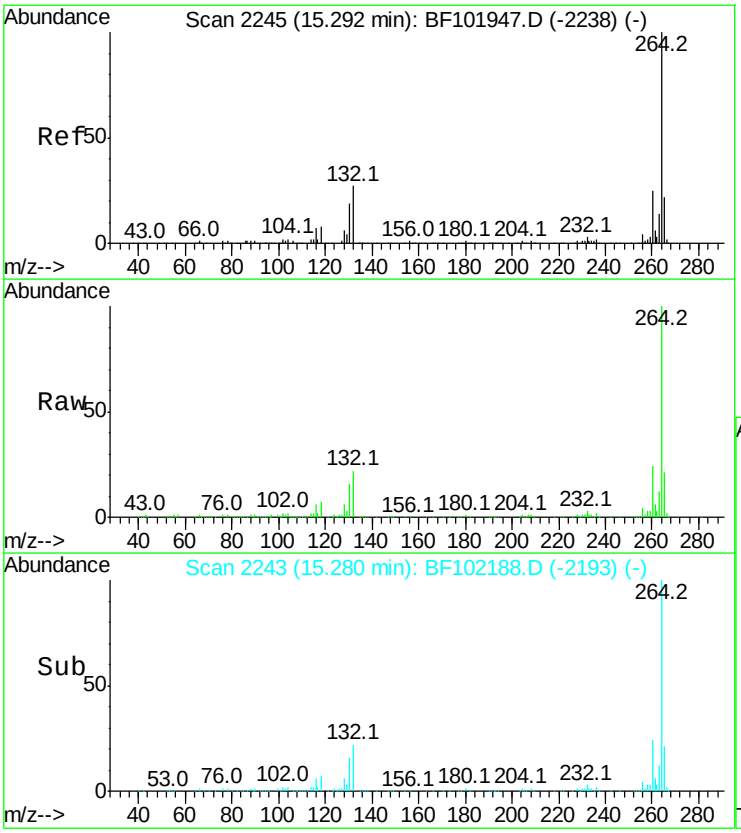
#78
Terphenyl-d14
Concen: 13.537 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Tgt Ion:244 Resp: 158363

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:264 Resp: 241255

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.5	26.3