Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102187.D
Acq On : 18 Jan 2018 9:02
Operator : SJ/JU
Sample : J1144-03DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-3DL

Quant Time: Jan 18 09:49:54 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	147101	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	530737	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	219961	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	310753	20.00	ng		0.00
75) Chrysene-d12	13.86	240	261679	20.00	ng		-0.01
86) Perylene-d12	15.28	264	253751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	556732	53.44	ng		0.00
7) Phenol-d6	6.35	99	660659	53.15	ng		0.00
23) Nitrobenzene-d5	7.29	82	390097	43.19	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	99004	51.58	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	680414	48.33	ng		0.00
78) Terphenyl-d14	12.82	244	438839	34.82	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	28591	2.036	ng		98
18) Hexachloroethane	7.26	117	163484	38.630	ng	#	1
22) Acetophenone	7.12	105	197709	15.461	ng	#	55
24) Nitrobenzene	7.29	77	22932	2.363	ng	#	20
25) Isophorone	7.53	82	38237	2.143	ng	#	1
31) Naphthalene	8.03	128	477102	17.990	ng	#	95
37) 2-Methylnaphthalene	8.72	142	766217	43.887	ng		98
47) 2-Nitroaniline	9.35	65	13329	2.951	ng	#	38
49) Dimethylphthalate	9.47	163	72869	4.130	ng	#	90
51) Acenaphthene	9.79	154	29811	2.053	ng	#	67
53) 2,4-Dinitrophenol	9.81	184	669	9.101	ng	#	1
55) 4-Nitrophenol	9.86	139	25635	7.733	ng	#	58
56) 2,4-Dinitrotoluene	9.96	165	18033	4.082	ng	#	62
57) Fluorene	10.30	166	83655	6.072	ng	#	90
64) 4,6-Dinitro-2-methylphenol	10.37	198	1873	6.641	ng	#	1
65) n-Nitrosodiphenylamine	10.42	169	93230	8.012	ng	#	52
70) Phenanthrene	11.26	178	159495	8.787	ng		97
71) Anthracene	11.26	178	159495	8.664	ng		96

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

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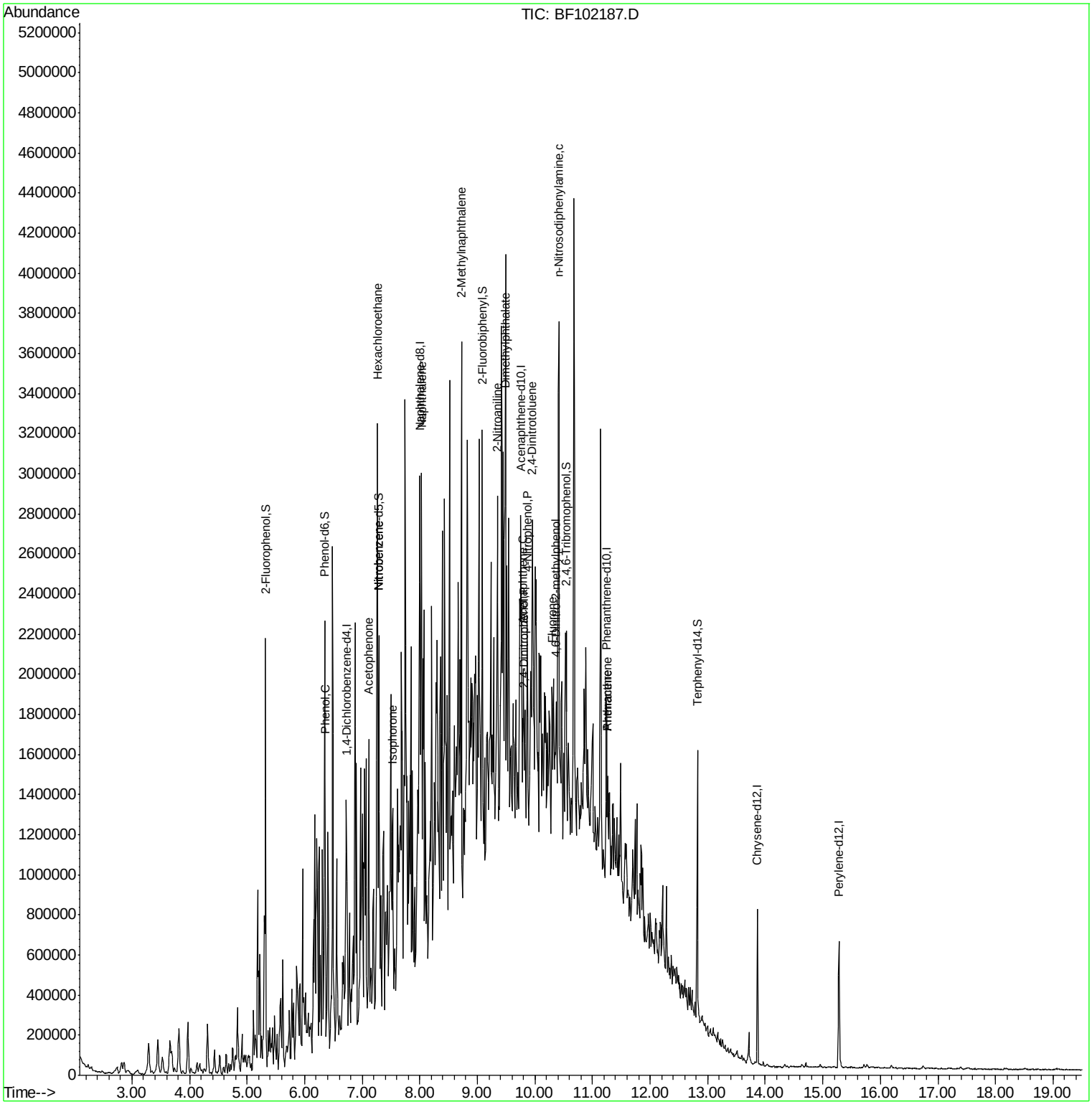
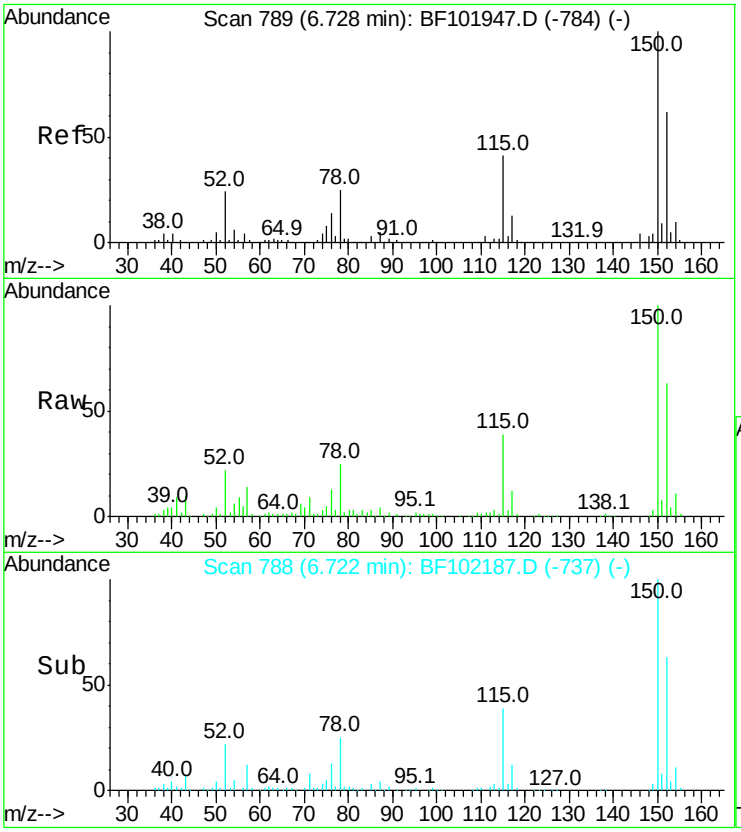


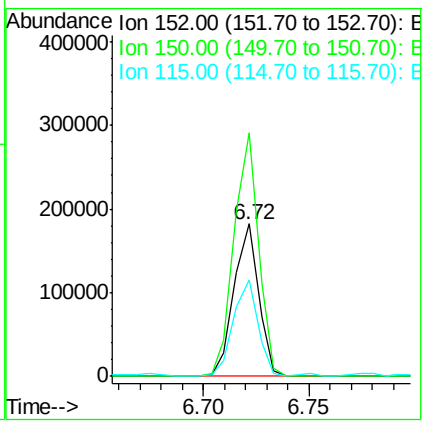


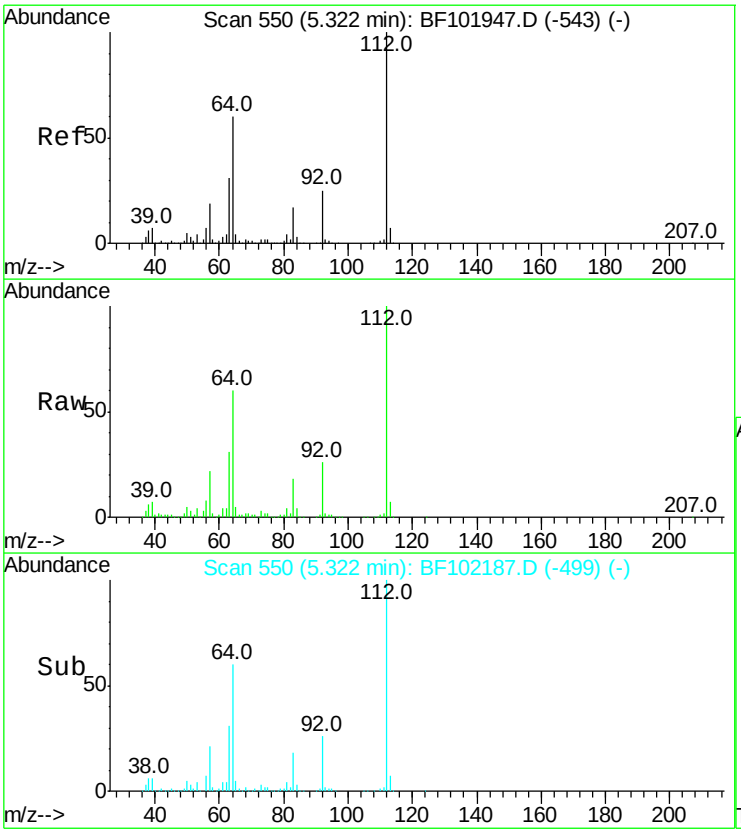
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:152 Resp: 147101

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	63.1	50.1	75.1

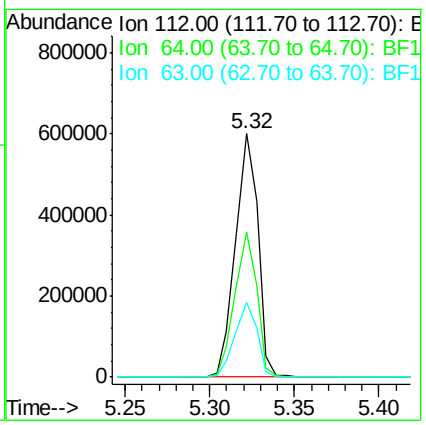


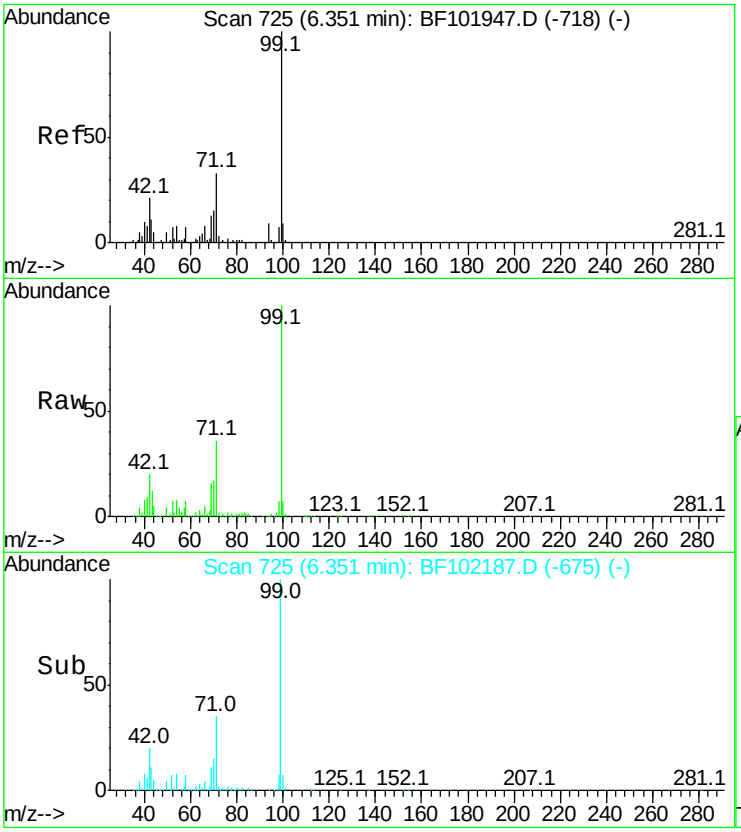


#5
2-Fluorophenol
Concen: 53.443 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:112 Resp: 556732

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	30.8	23.7	35.5



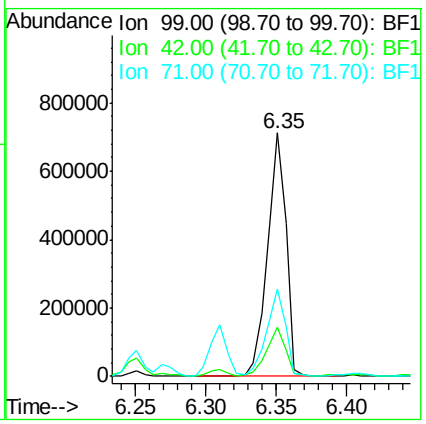


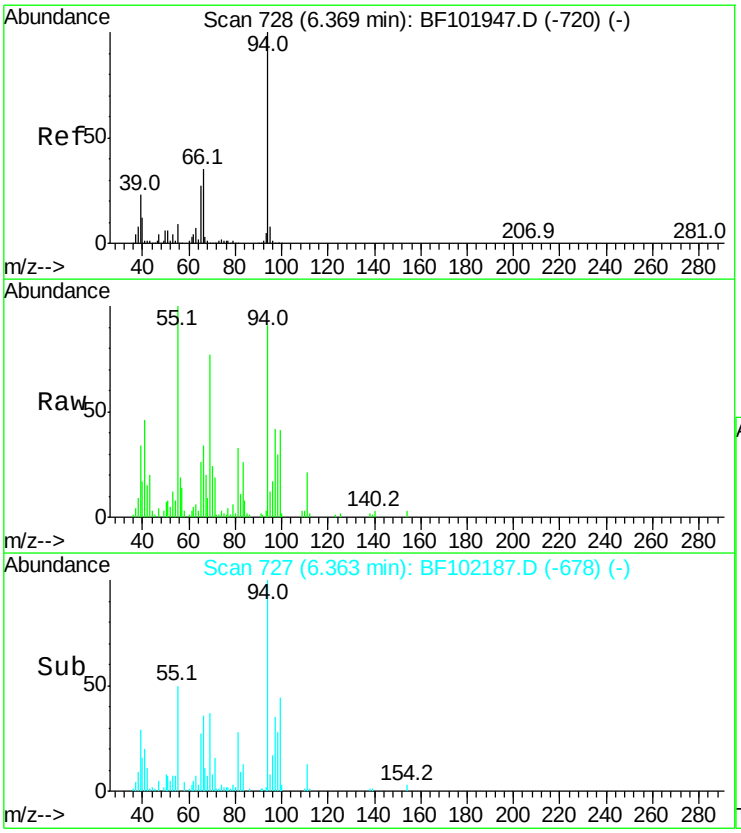
#7
Phenol-d6
Concen: 53.155 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion: 99 Resp: 660659

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	35.8	25.4	38.0

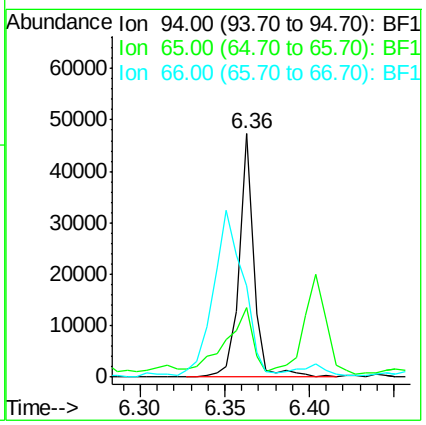


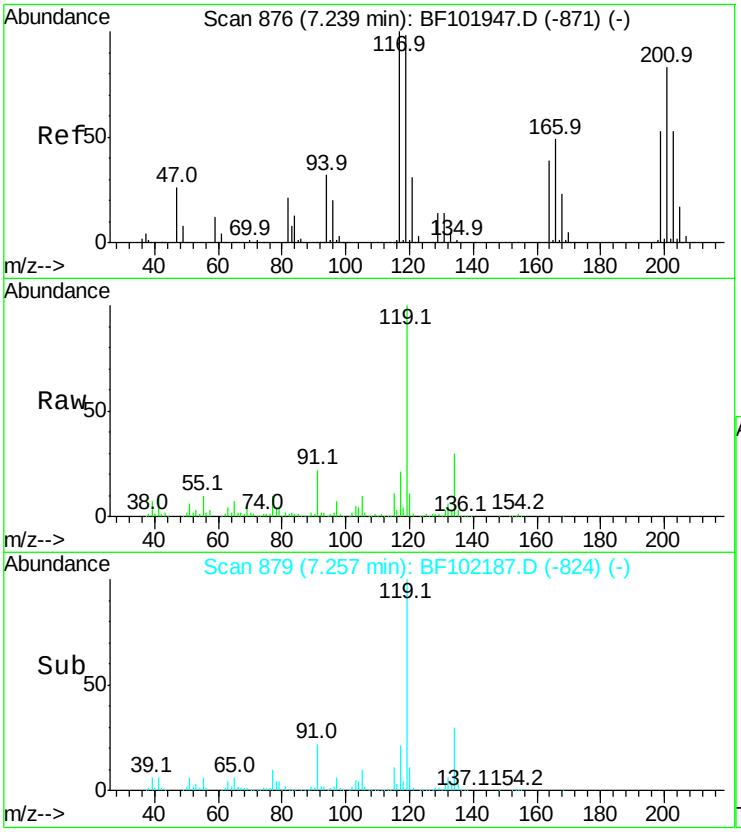


#10
Phenol
Concen: 2.036 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion: 94 Resp: 28591

Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.9	47.9
66	37.7	16.2	56.2



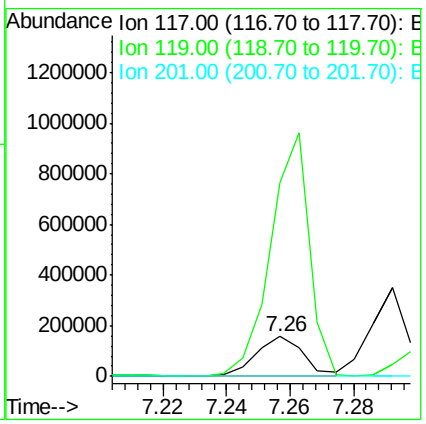


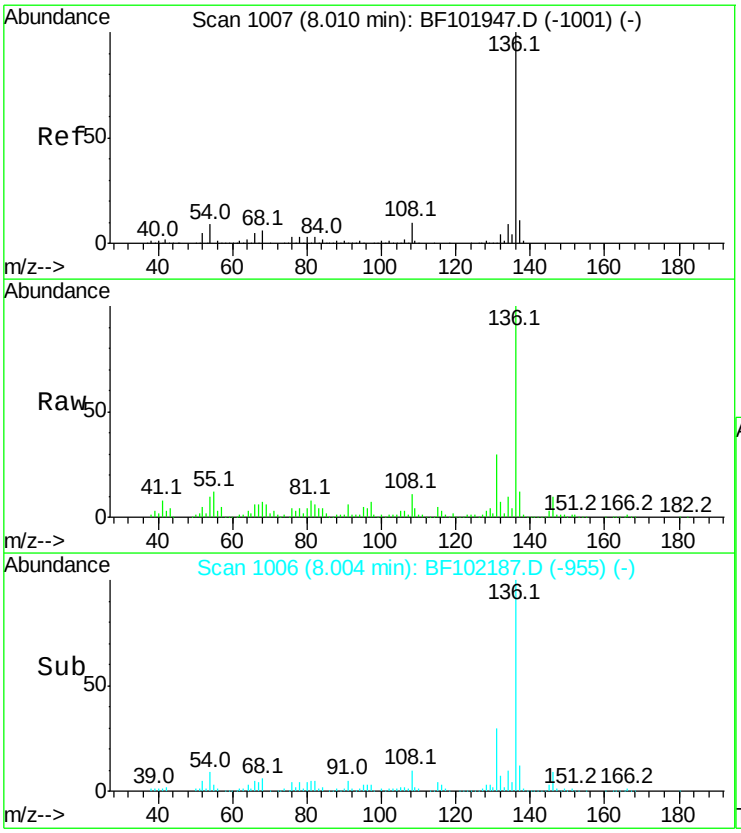
#18
Hexachloroethane
Concen: 38.630 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.02 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:117 Resp: 163484

Ion	Ratio	Lower	Upper
117	100		
119	484.1	75.8	113.8#
201	0.0	75.7	113.5#

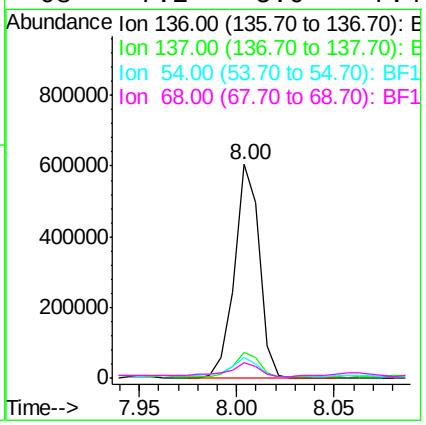


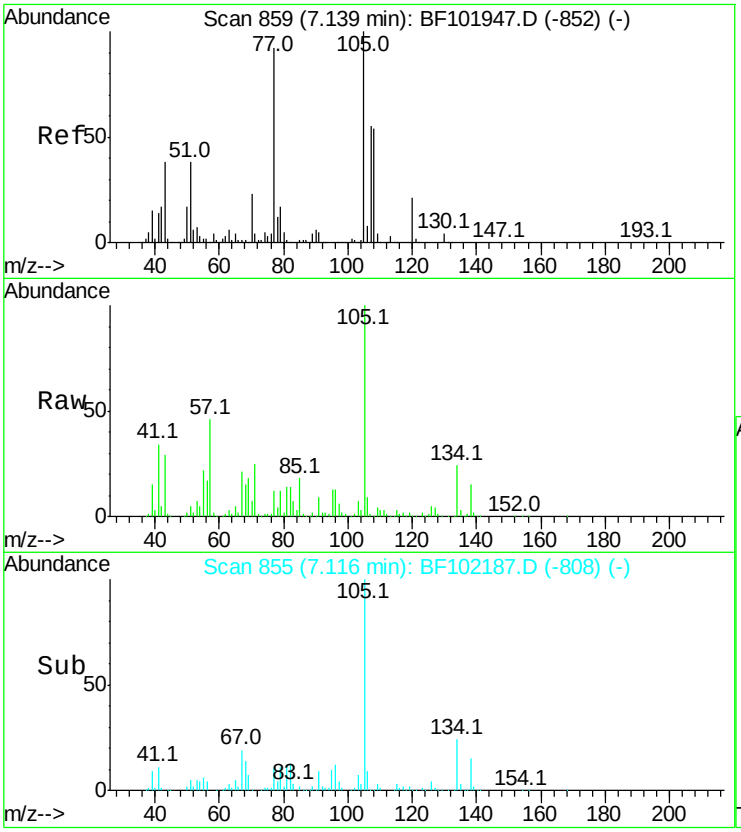


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:136 Resp: 530737

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	9.8	6.6	9.8
68	7.2	5.0	7.4



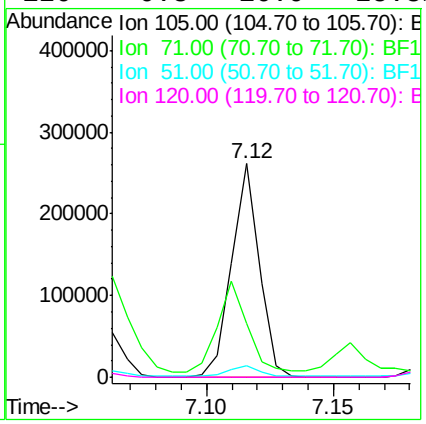


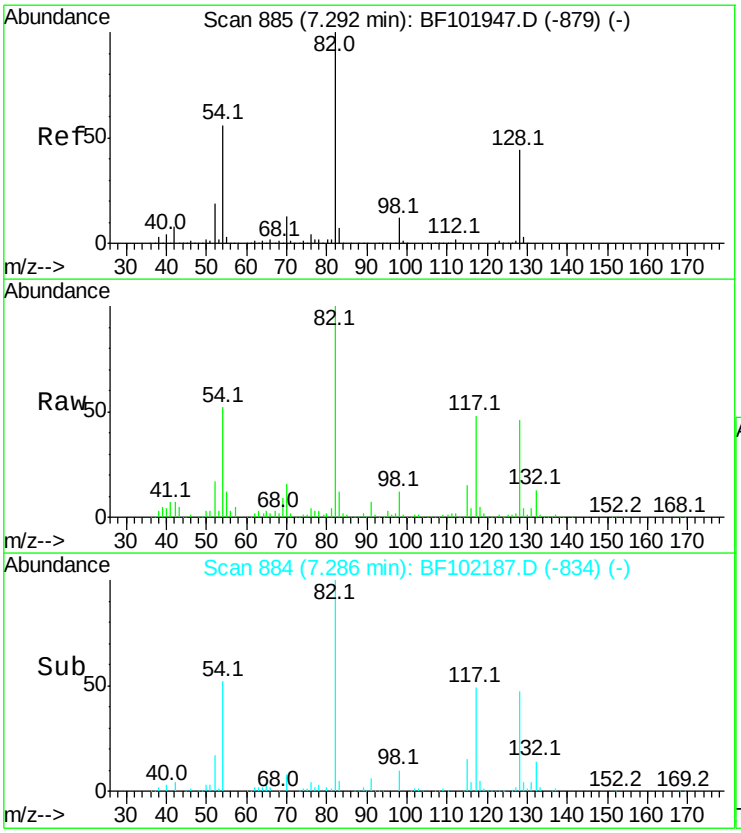
#22
Acetophenone
Concen: 15.461 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:105 Resp: 197709

Ion	Ratio	Lower	Upper
105	100		
71	25.5	4.4	6.6#
51	5.2	22.3	33.5#
120	0.3	16.9	25.3#

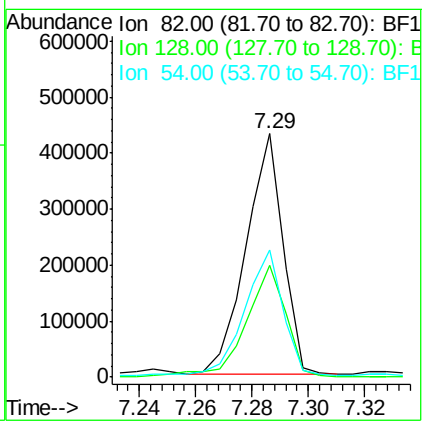


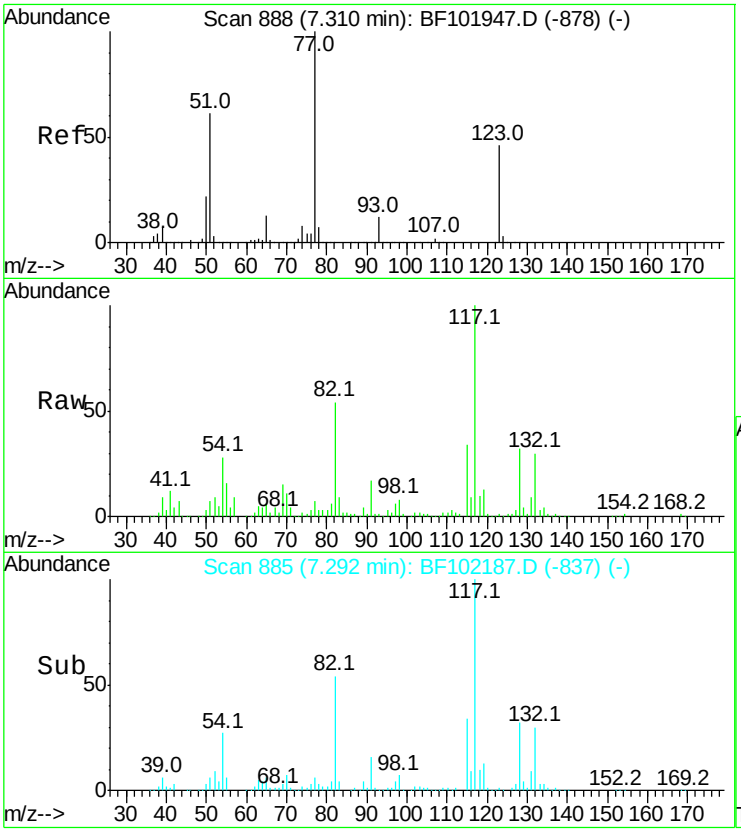


#23
Nitrobenzene-d5
Concen: 43.192 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion: 82 Resp: 390097

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	52.4	41.4	62.2



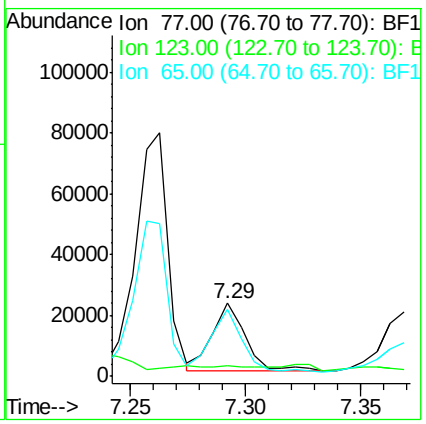


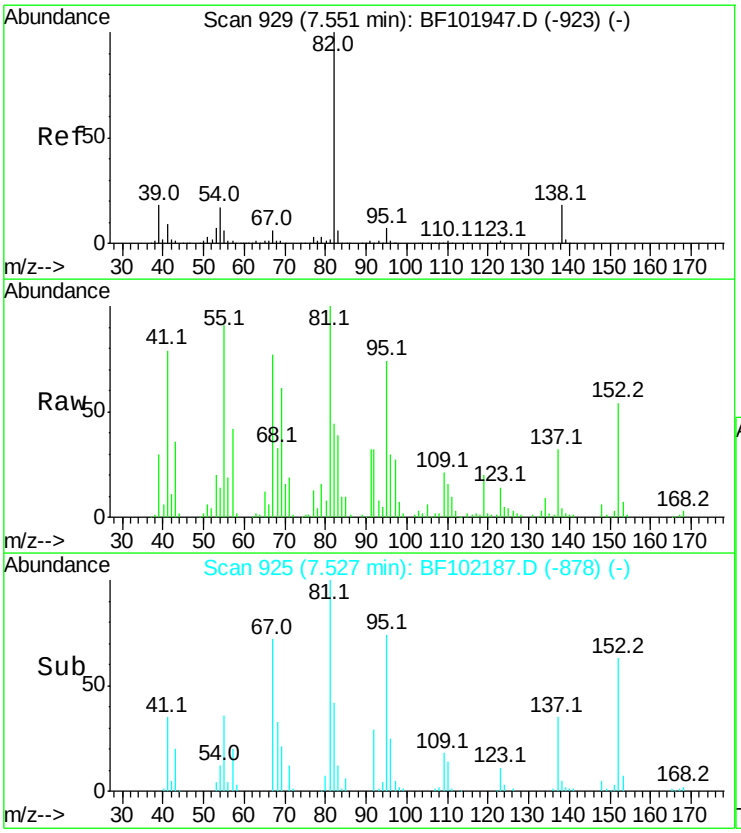
#24
Nitrobenzene
Concen: 2.363 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion: 77 Resp: 22932

Ion	Ratio	Lower	Upper
77	100		
123	15.2	37.9	56.9#
65	91.4	11.0	16.4#

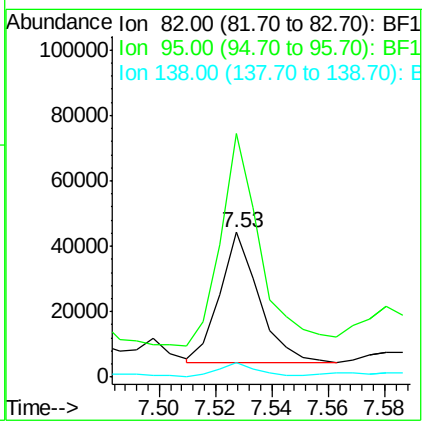


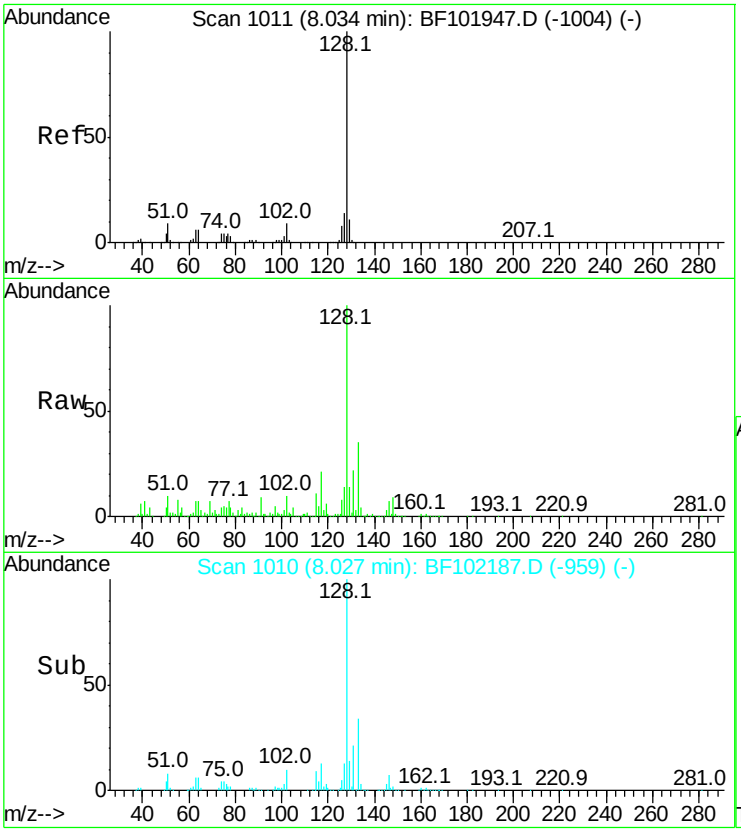


#25
Isophorone
Concen: 2.143 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion: 82 Resp: 38237

Ion	Ratio	Lower	Upper
82	100		
95	168.3	5.2	7.8#
138	10.1	14.9	22.3#



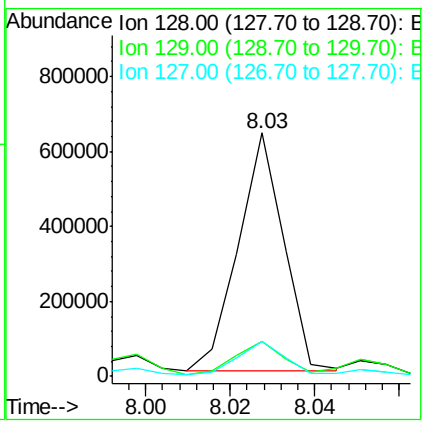


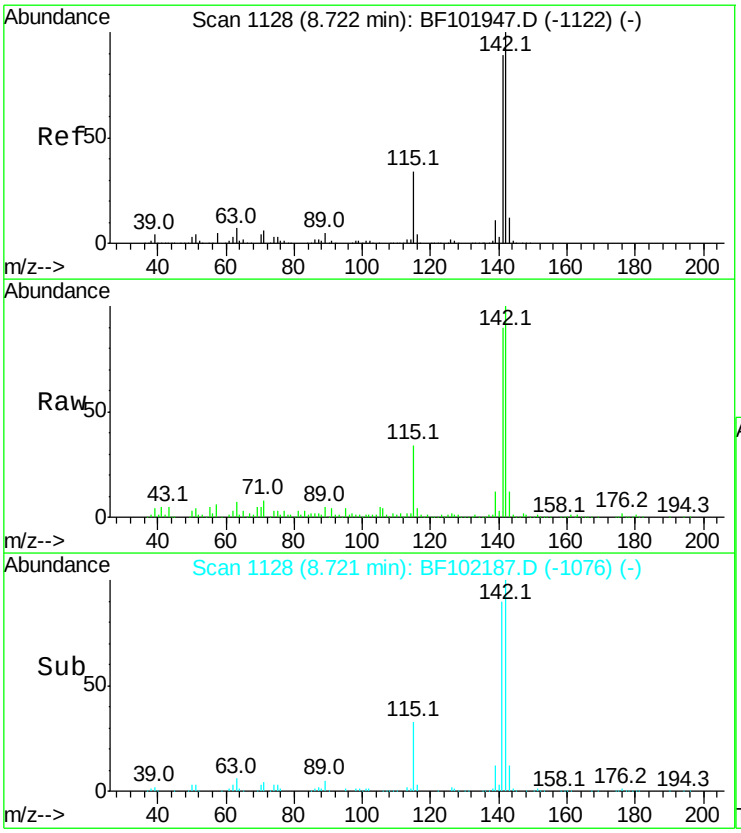
#31
Naphthalene
Concen: 17.990 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:128 Resp: 477102

Ion	Ratio	Lower	Upper
128	100		
129	14.1	8.8	13.2#
127	14.4	10.9	16.3

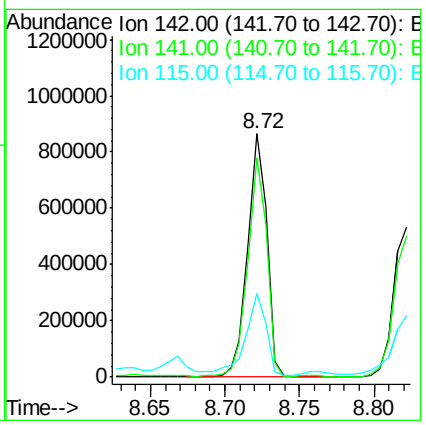


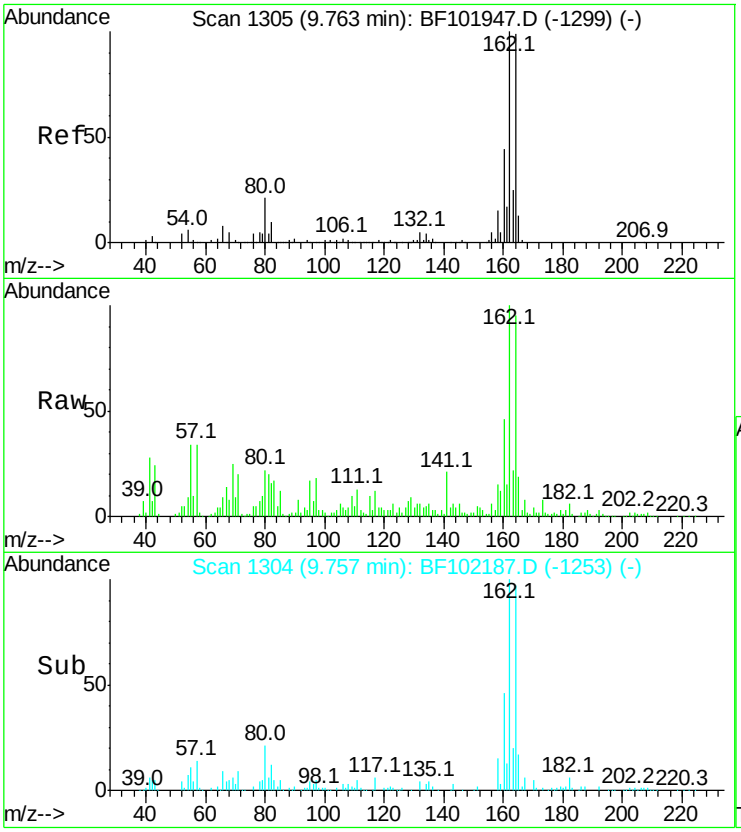


#37
2-Methylnaphthalene
Concen: 43.887 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:142 Resp: 766217

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	34.1	26.1	39.1



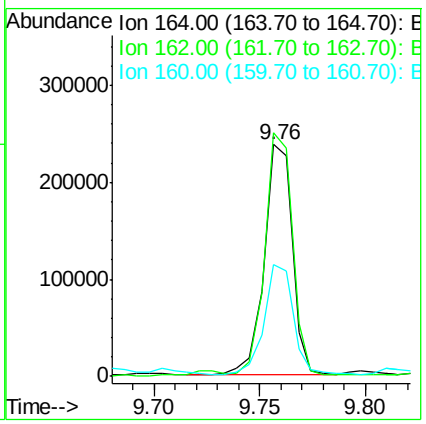


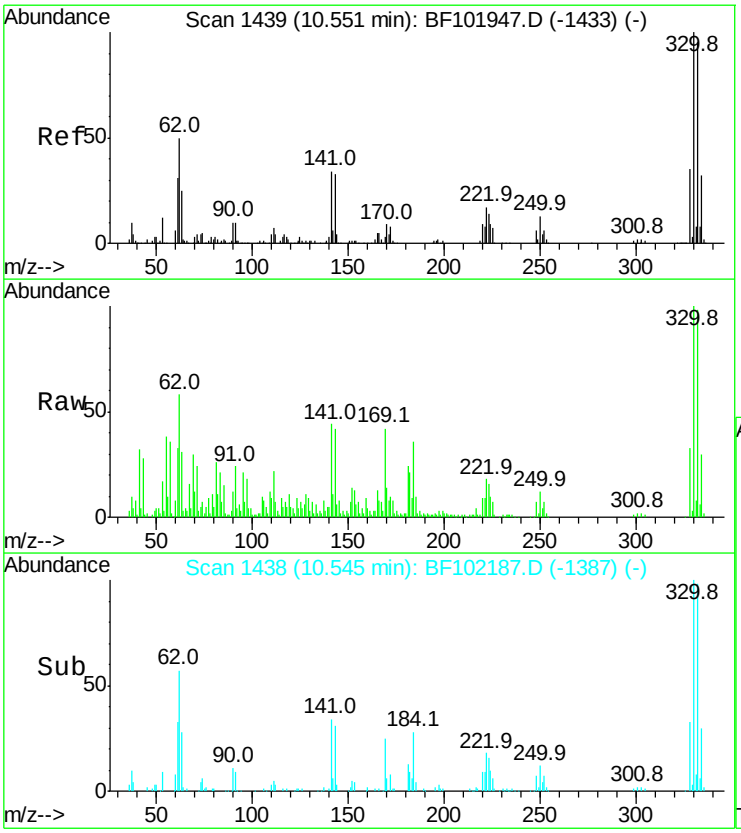
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:164 Resp: 219961

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	48.4	38.3	57.5

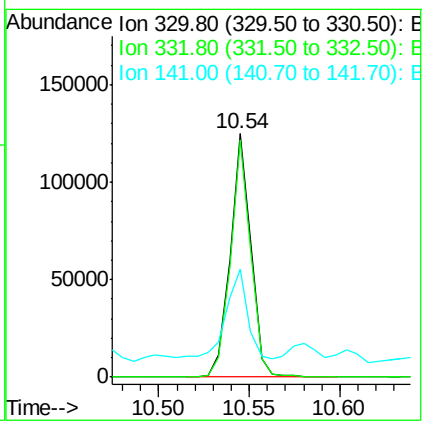


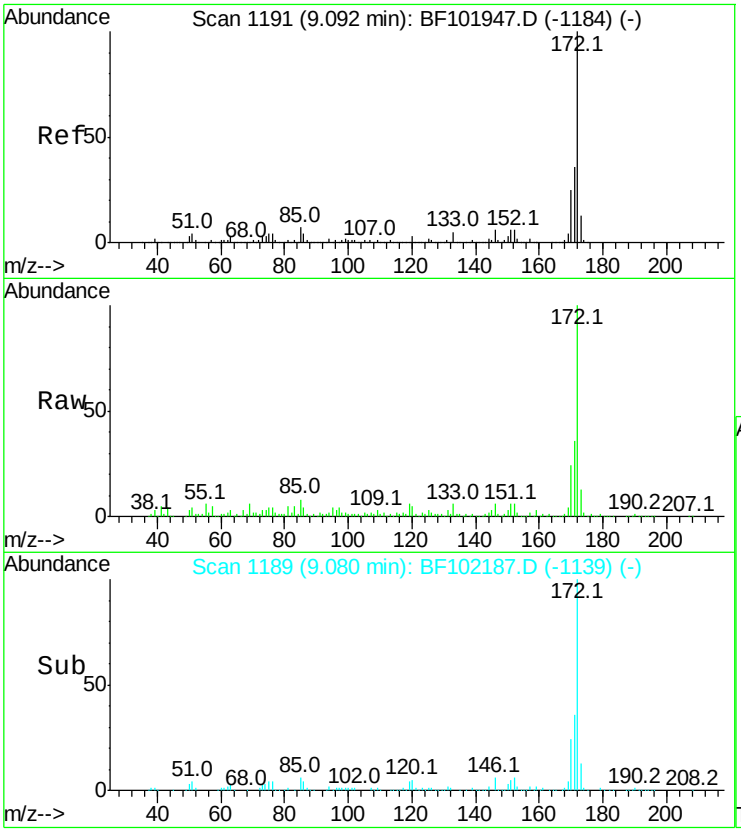


#41
2,4,6-Tribromophenol
Concen: 51.576 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:330 Resp: 99004

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.7	29.9	44.9



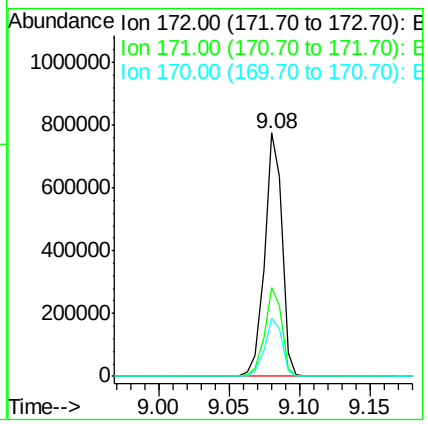


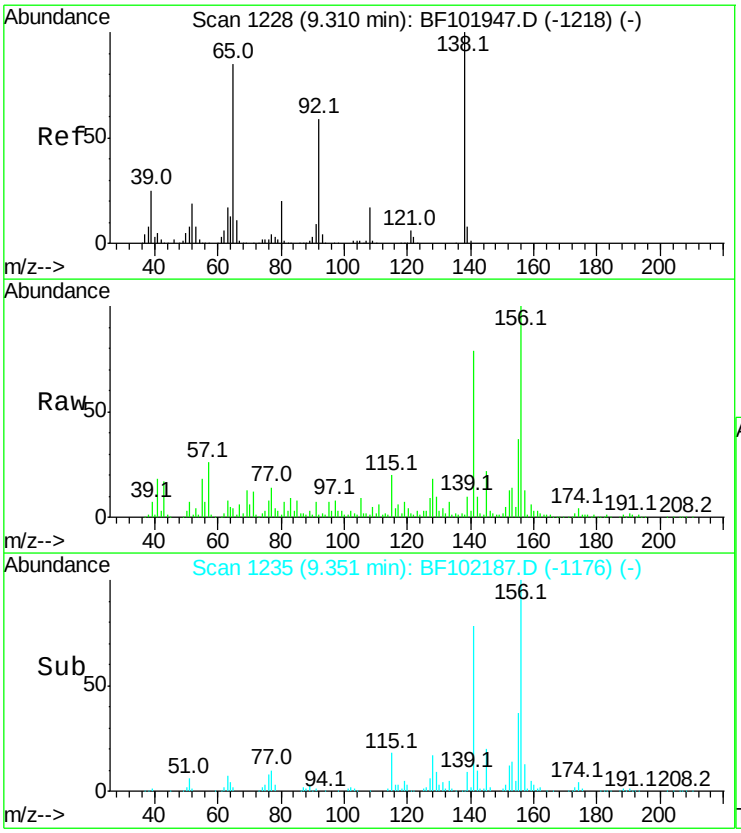
#44
2-Fluorobiphenyl
Concen: 48.326 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:172 Resp: 680414

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4

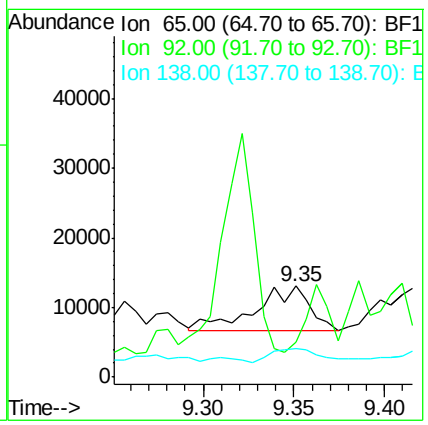


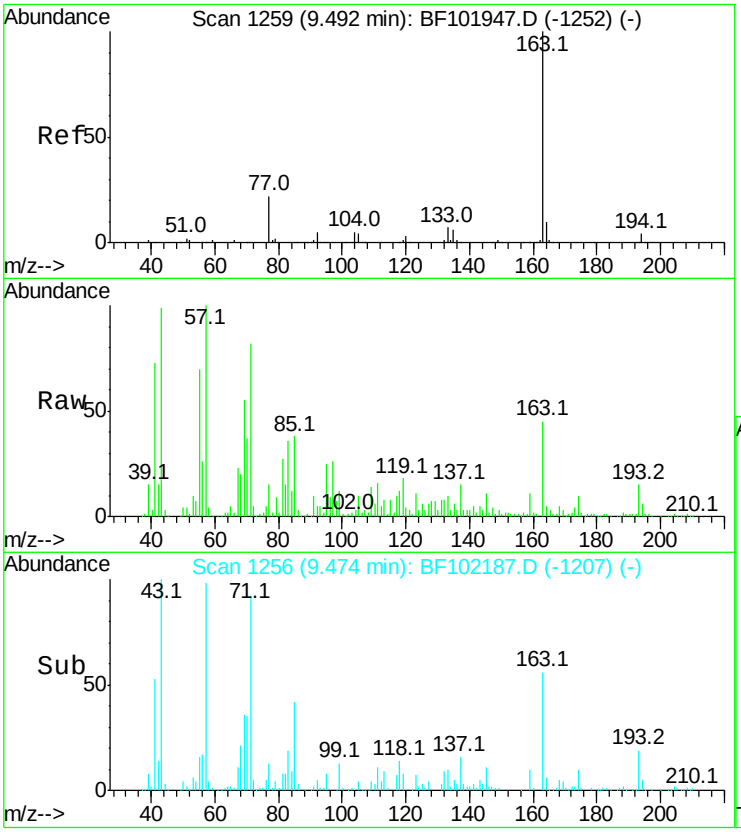


#47
2-Nitroaniline
Concen: 2.951 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.05 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion: 65 Resp: 13329

Ion	Ratio	Lower	Upper
65	100		
92	39.1	55.8	83.6#
138	31.6	91.2	136.8#



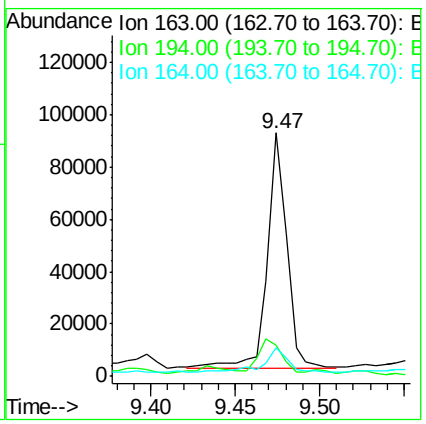


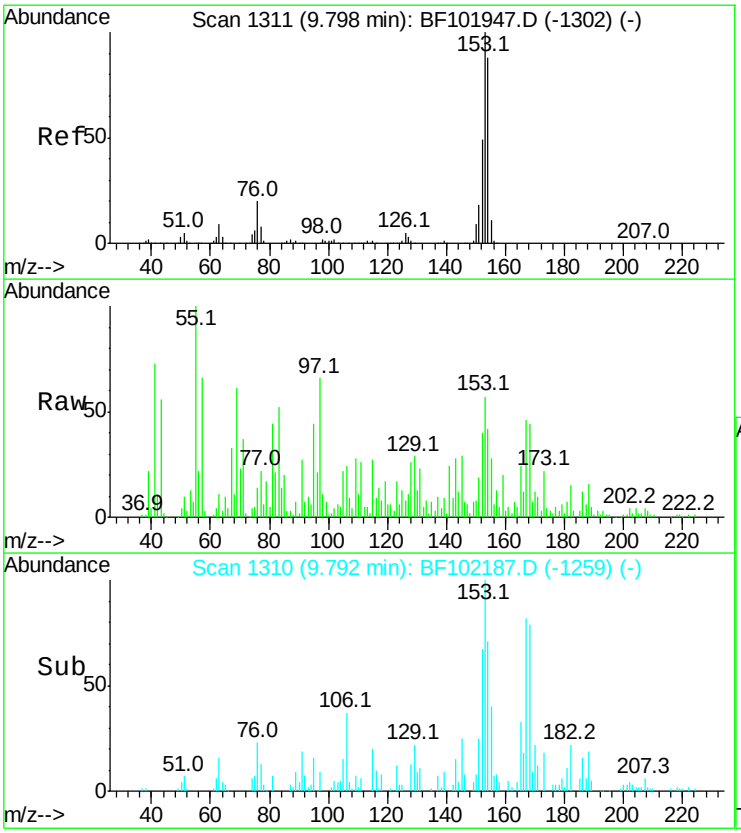
#49
Dimethylphthalate
Concen: 4.130 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:163 Resp: 72869

Ion	Ratio	Lower	Upper
163	100		
194	12.6	2.7	4.1#
164	11.6	8.2	12.2

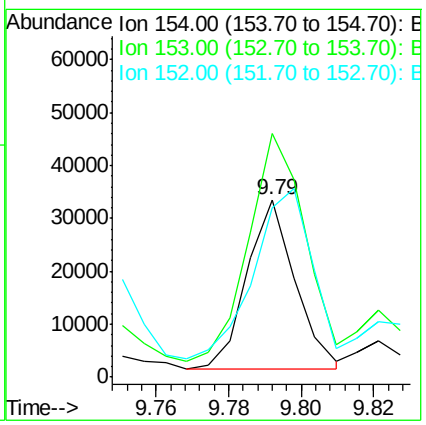


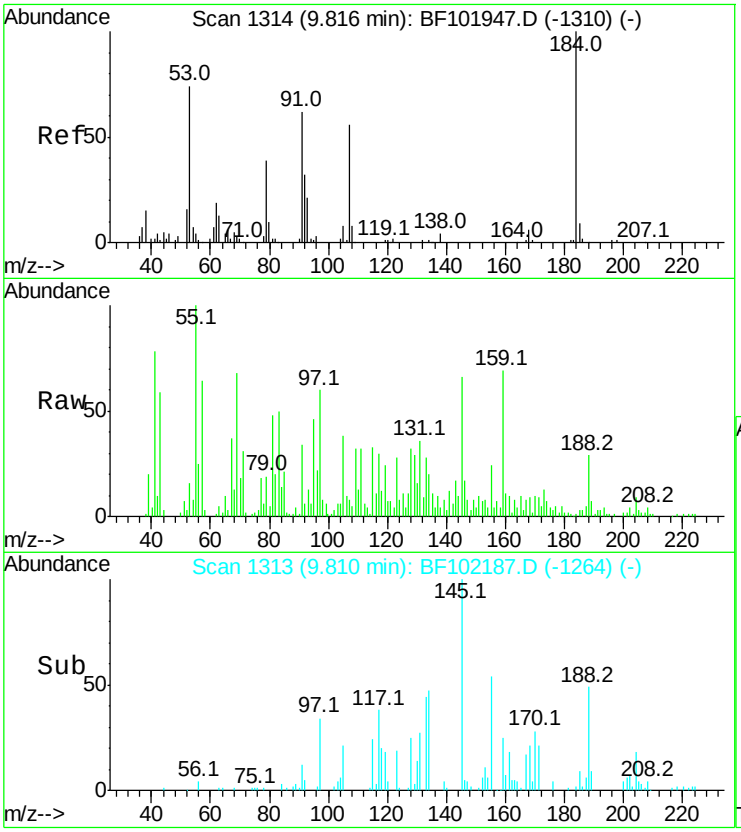


#51
Acenaphthene
Concen: 2.053 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:154 Resp: 29811

Ion	Ratio	Lower	Upper
154	100		
153	137.1	91.2	136.8#
152	95.5	43.8	65.8#



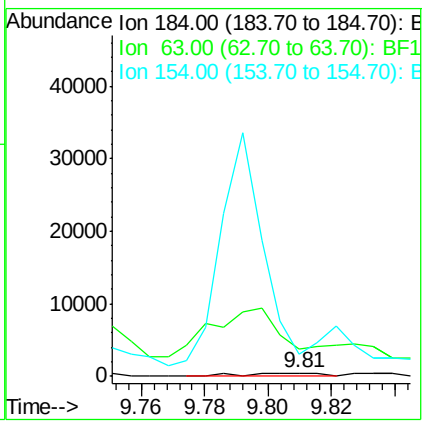


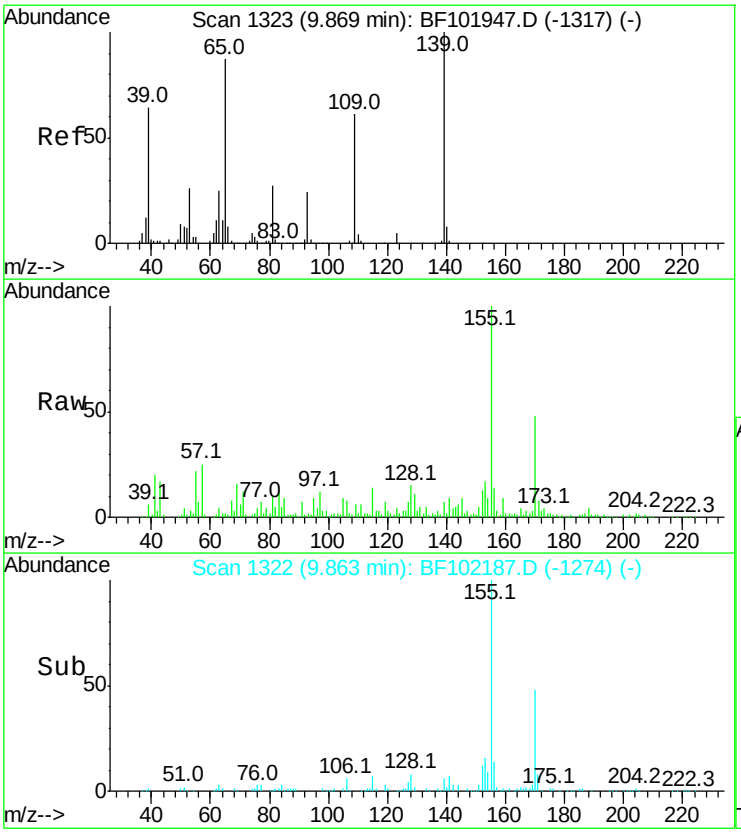
#53
2,4-Dinitrophenol
Concen: 9.101 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:184 Resp: 669

Ion	Ratio	Lower	Upper
184	100		
63	787.4	54.2	81.2#
154	649.5	184.0	276.0#

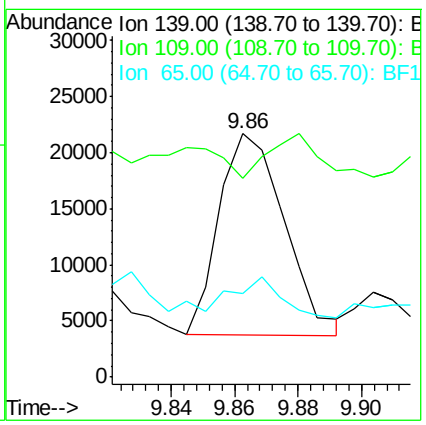


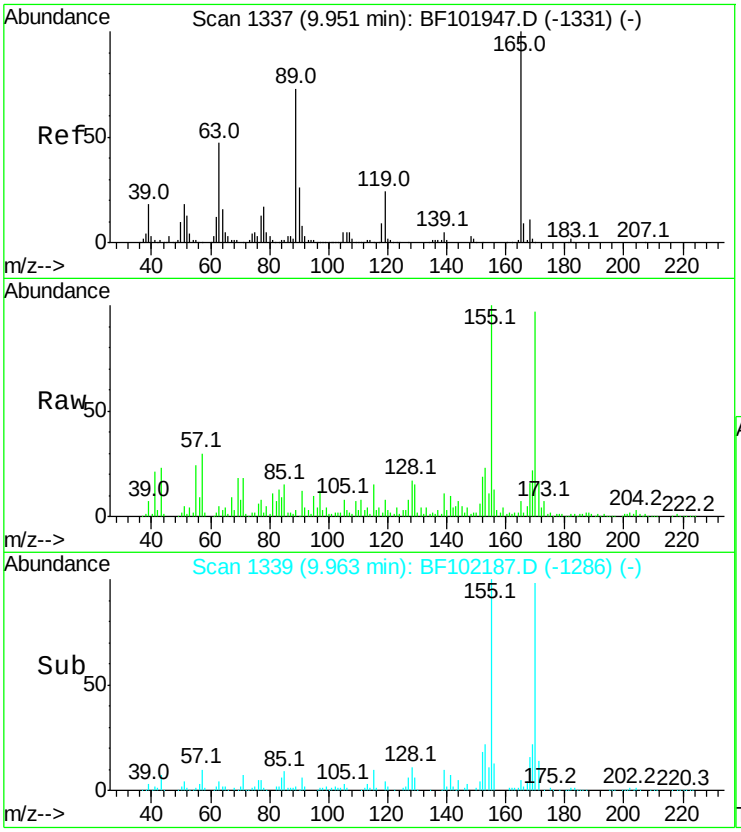


#55
4-Nitrophenol
Concen: 7.733 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:139 Resp: 25635

Ion	Ratio	Lower	Upper
139	100		
109	81.7	48.4	88.4
65	34.5	72.6	112.6#



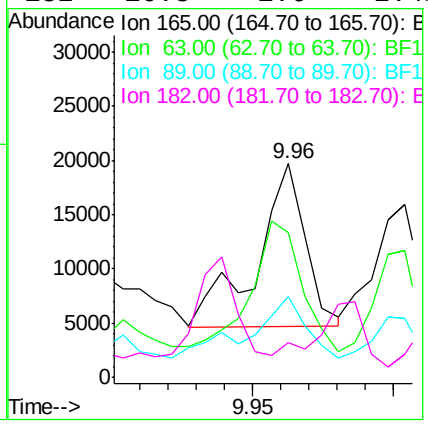


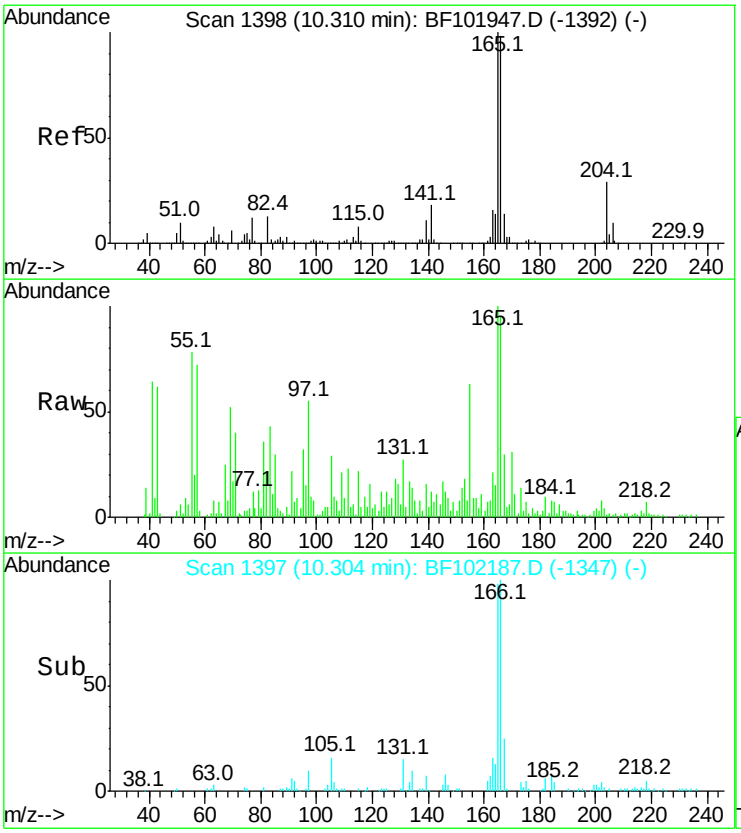
#56
2,4-Dinitrotoluene
Concen: 4.082 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:165 Resp: 18033

Ion	Ratio	Lower	Upper
165	100		
63	67.6	36.4	54.6#
89	38.0	57.8	86.6#
182	16.3	1.6	2.4#

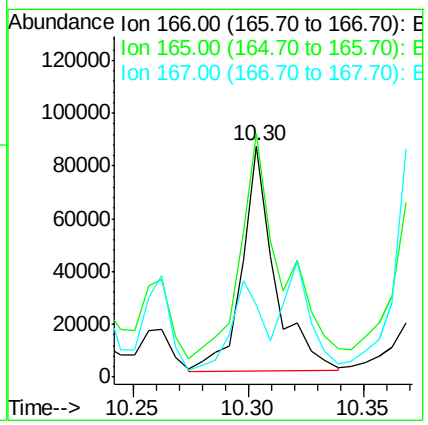


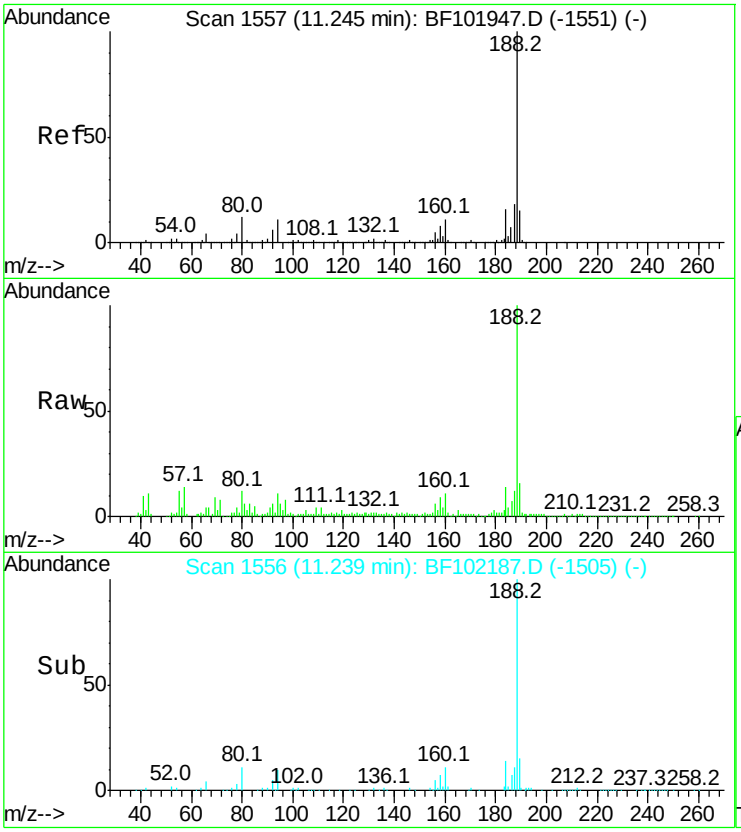


#57
Fluorene
Concen: 6.072 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:166 Resp: 83655

Ion	Ratio	Lower	Upper
166	100		
165	105.2	79.8	119.8
167	31.1	10.6	16.0#



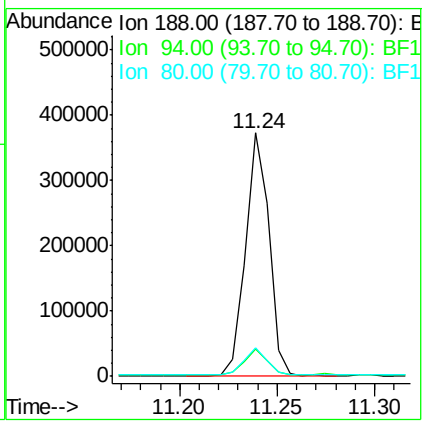


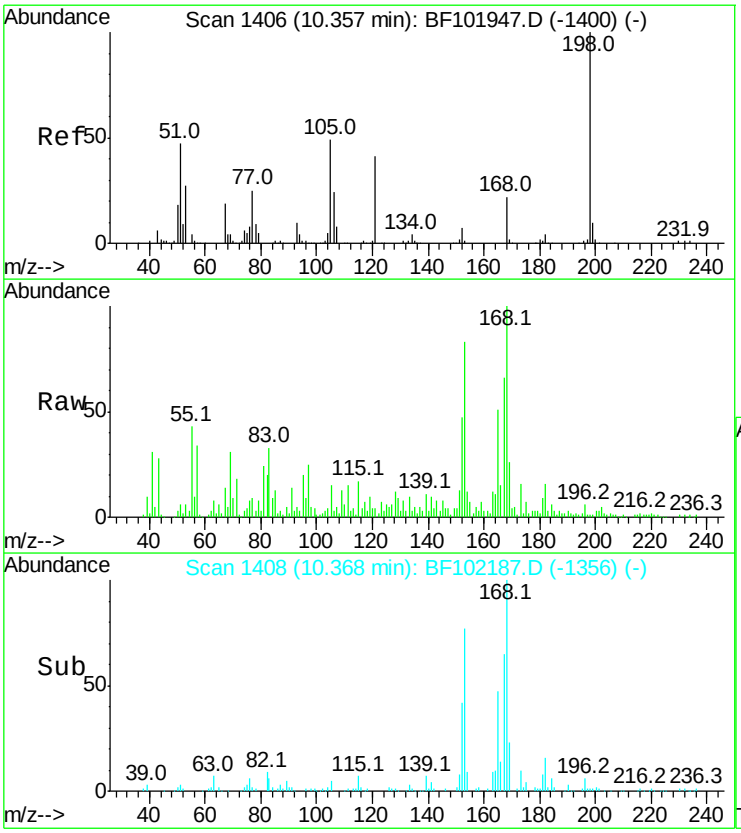
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:188 Resp: 310753

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.8	9.2	13.8

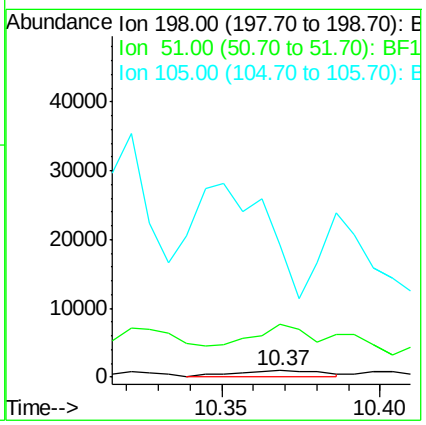


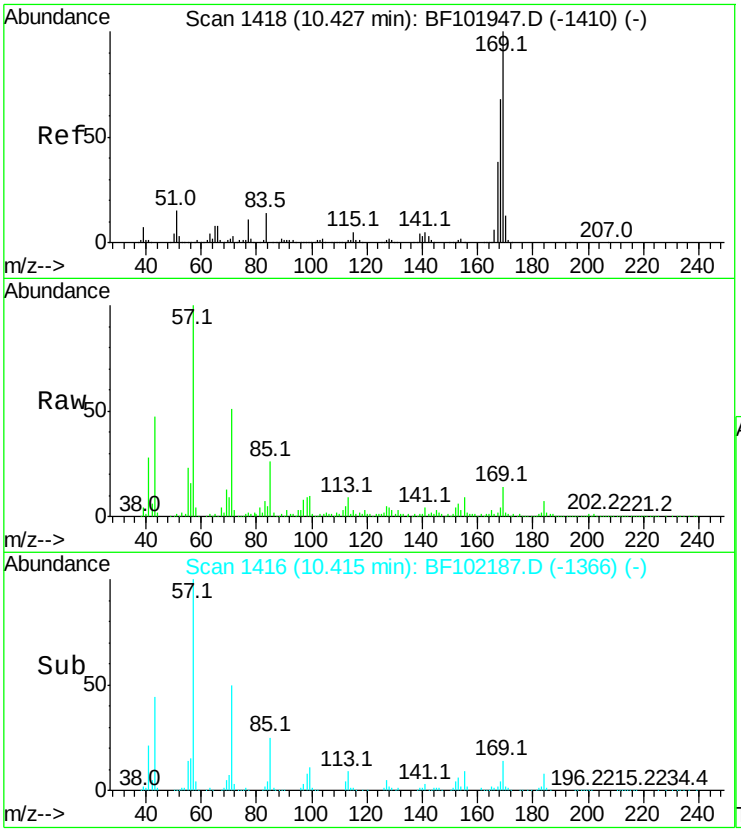


#64
4,6-Dinitro-2-methylphenol
Concen: 6.641 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:198 Resp: 1873

Ion	Ratio	Lower	Upper
198	100		
51	853.3	37.7	77.7#
105	2106.4	36.3	76.3#



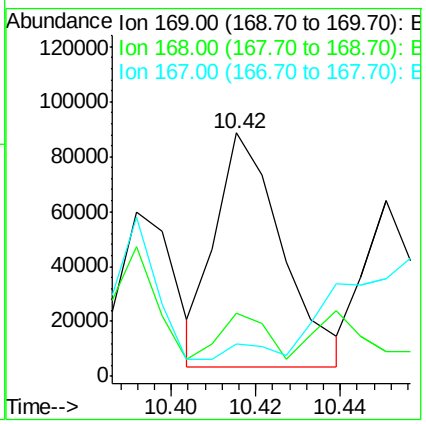


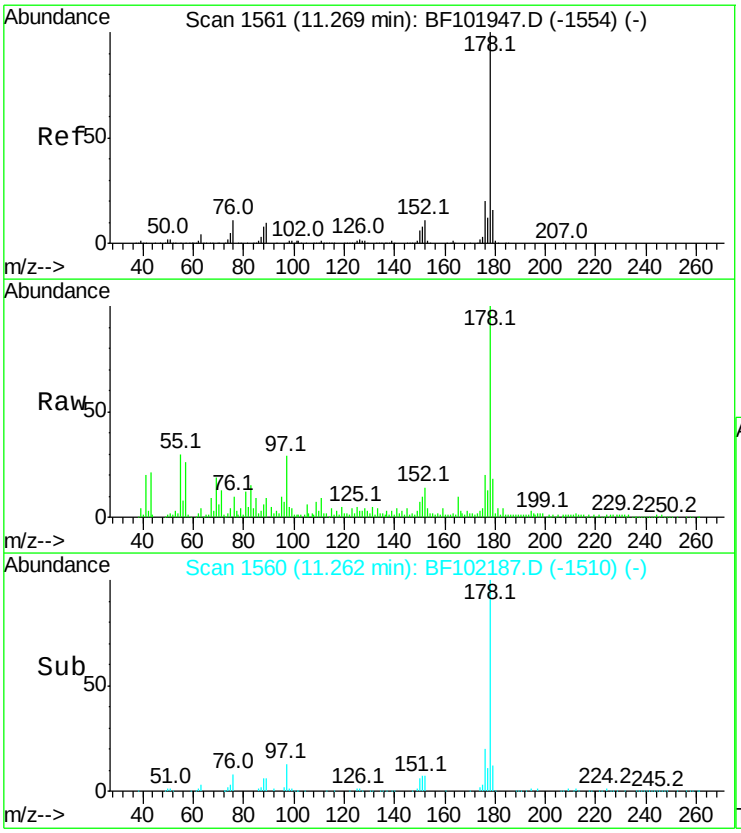
#65
n-Nitrosodiphenylamine
Concen: 8.012 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:169 Resp: 93230

Ion	Ratio	Lower	Upper
169	100		
168	25.9	54.4	81.6#
167	13.1	29.8	44.6#

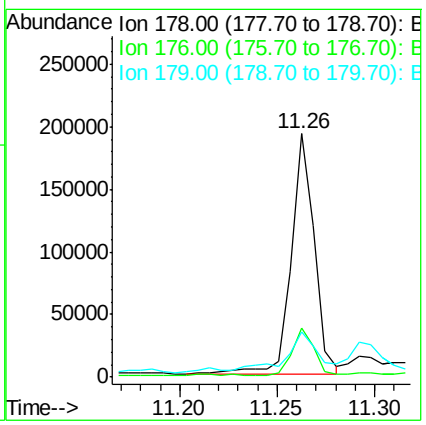


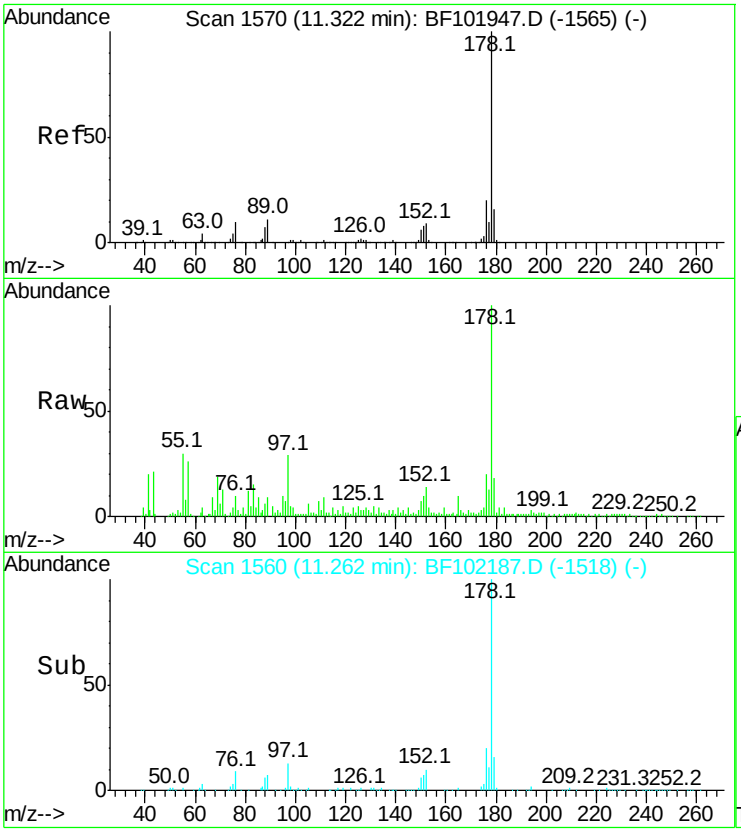


#70
Phenanthrene
Concen: 8.787 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:178 Resp: 159495

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	18.3	13.0	19.6



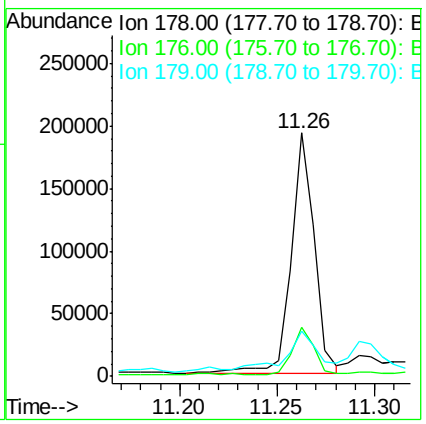


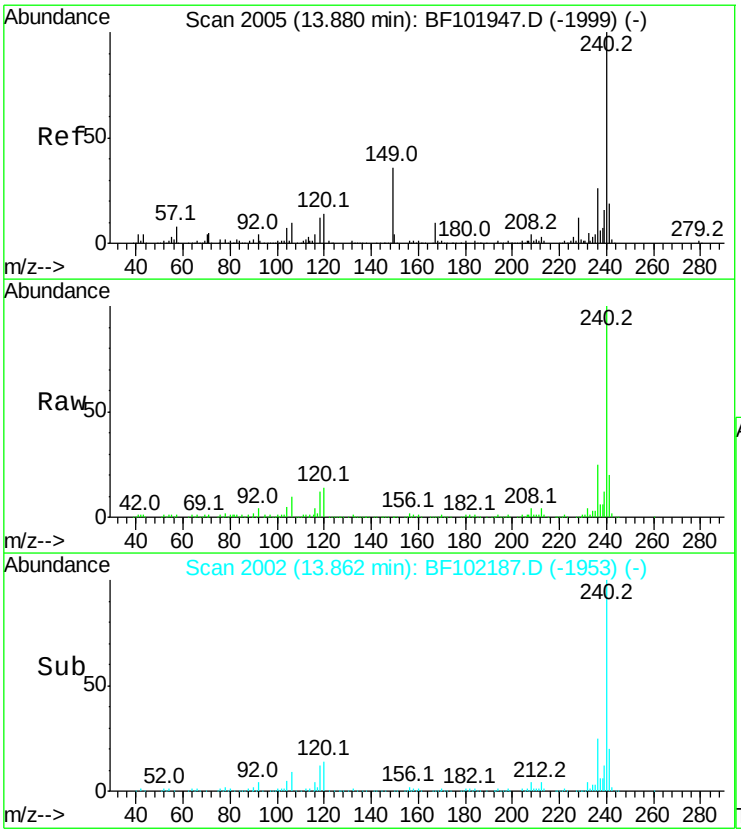
#71
Anthracene
Concen: 8.664 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.05 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:178 Resp: 159495

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	18.3	12.6	19.0

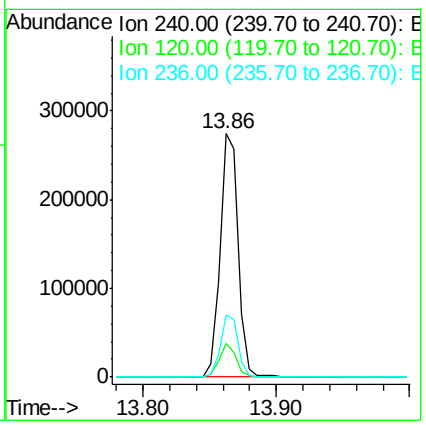


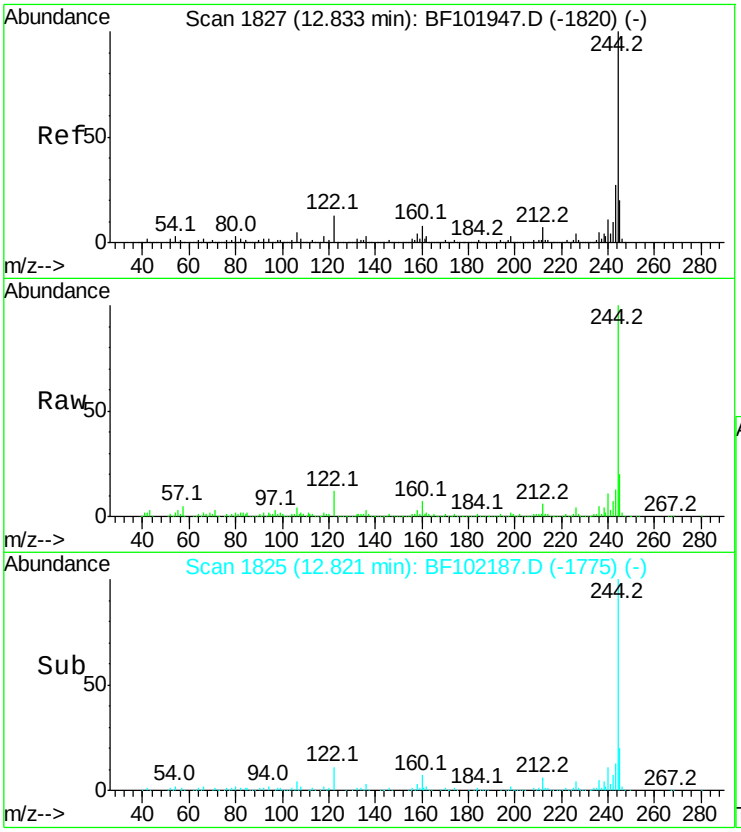


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:240 Resp: 261679

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.3	20.7	31.1



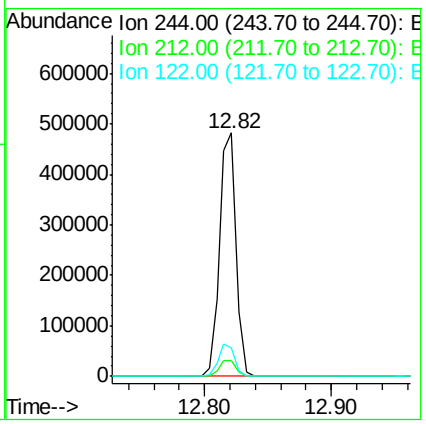


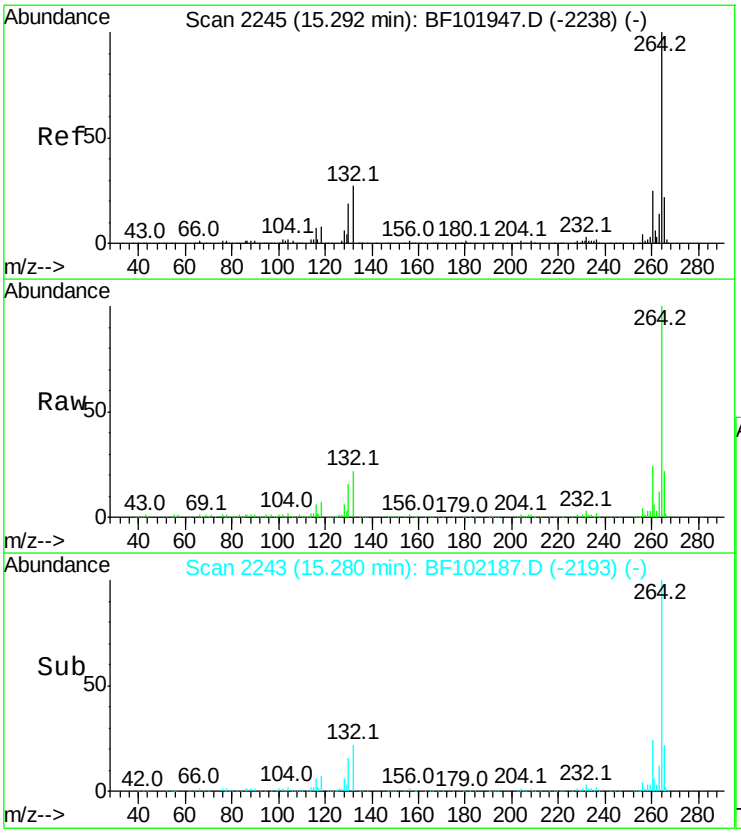
#78
Terphenyl-d14
Concen: 34.819 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102187.D
Acq: 18 Jan 2018 9:02

Instrument :
BNA_F
ClientSampleId :
IGW-3DL

Tgt Ion:244 Resp: 438839

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.6	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: BF102187.D
Acq: 18 Jan 2018 9:02

Tgt Ion:264 Resp: 253751

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3