Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102183.D
Acq On : 18 Jan 2018 7:15
Operator : SJ/JU
Sample : J1144-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 18 07:50:04 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	159810	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	545508	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	207451	20.00	ng		0.01
63) Phenanthrene-d10	11.25	188	309028	20.00	ng		0.01
75) Chrysene-d12	13.87	240	269242	20.00	ng		0.00
86) Perylene-d12	15.28	264	262192	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1175845	103.90	ng		0.02
7) Phenol-d6	6.36	99	1365173	101.10	ng		0.00
23) Nitrobenzene-d5	7.29	82	797431	85.90	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	210114	116.06	ng		0.02
44) 2-Fluorobiphenyl	9.09	172	1032702	77.77	ng		0.00
78) Terphenyl-d14	12.83	244	696937	53.74	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	65096	4.266	ng		100
15) Benzyl Alcohol	6.88	79	19843	2.009	ng	#	35
18) Hexachloroethane	7.26	117	85001	18.488	ng	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	22835	2.581	ng	#	70
25) Isophorone	7.53	82	75300	4.105	ng	#	1
35) Caprolactam	8.47	113	10044	3.952	ng	#	1
49) Dimethylphthalate	9.49	163	132681	7.973	ng	#	81
51) Acenaphthene	9.80	154	70459	5.144	ng	#	60
53) 2,4-Dinitrophenol	9.89	184	547	9.042	ng	#	1
54) Dibenzofuran	9.97	168	65864	3.504	ng	#	1
55) 4-Nitrophenol	9.88	139	52066	16.653	ng	#	47
56) 2,4-Dinitrotoluene	9.97	165	27464	6.592	ng	#	57
57) Fluorene	10.32	166	181036	13.932	ng	#	87
62) Azobenzene	10.48	77	83333	5.060	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.39	198	1297	6.344	ng	#	1
65) n-Nitrosodiphenylamine	10.43	169	198276	17.134	ng	#	54
68) Atrazine	10.95	200	8248	2.466	ng	#	55
70) Phenanthrene	11.27	178	431466	23.902	ng	#	96
77) Pyrene	12.68	202	81500	3.424	ng	#	93

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

Quantitation Report (Not Reviewed)

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Data File : BF102183.D
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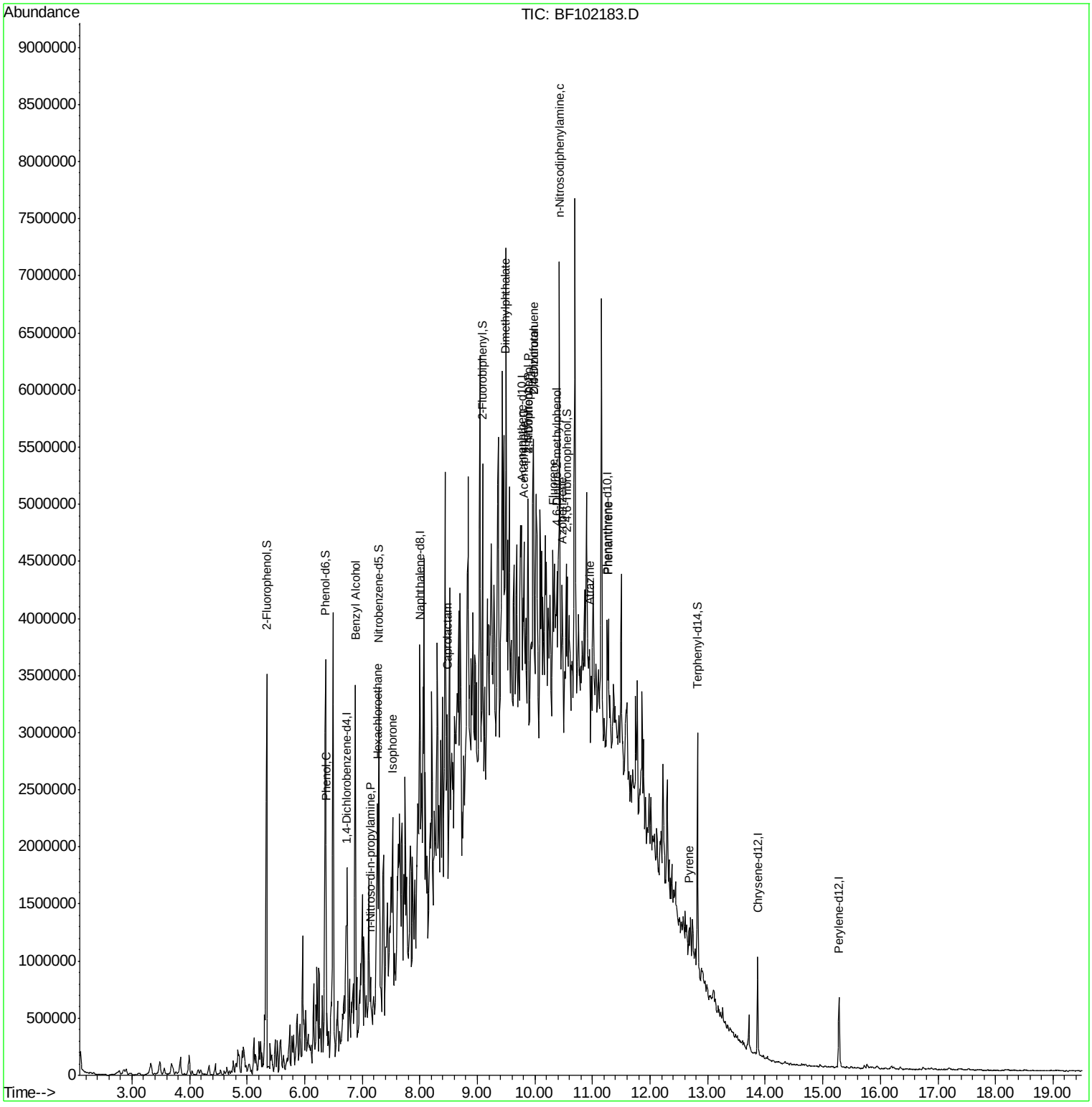
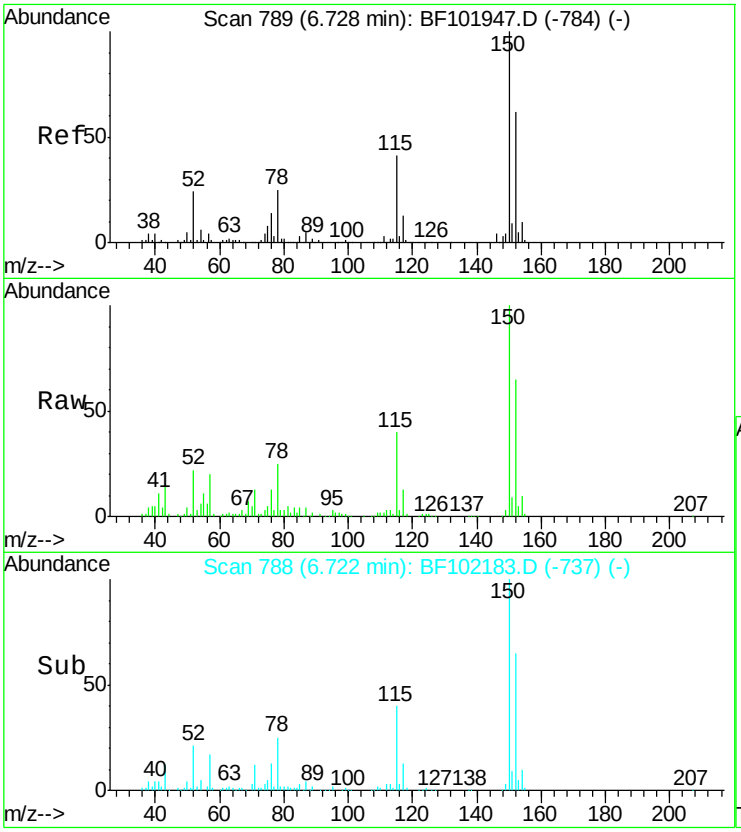


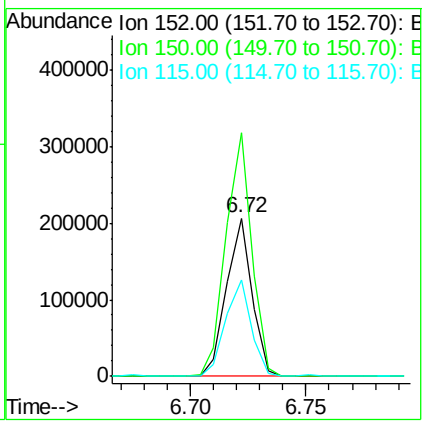


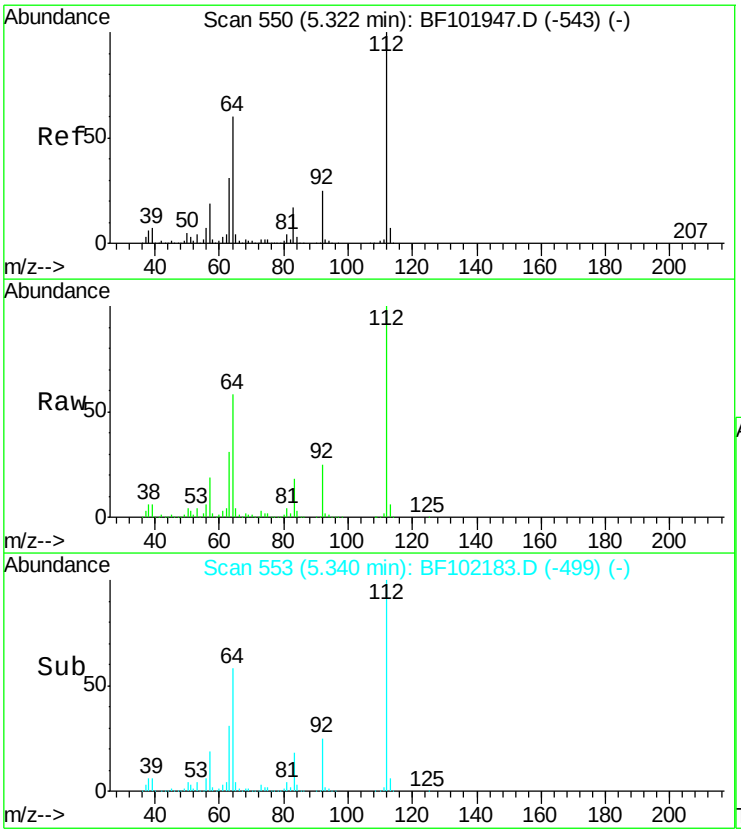
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 159810

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	61.1	50.1	75.1

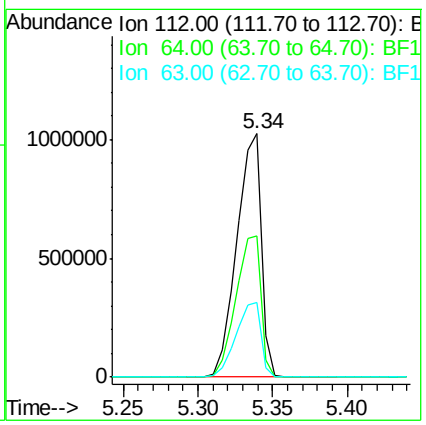


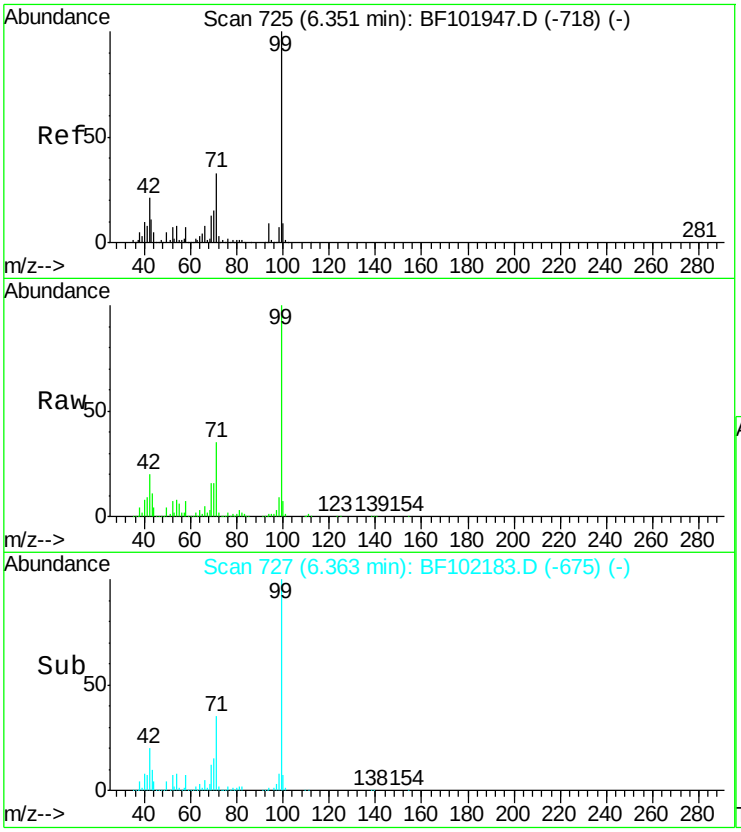


#5
2-Fluorophenol
Concen: 103.898 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:112 Resp: 1175845

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	30.6	23.7	35.5



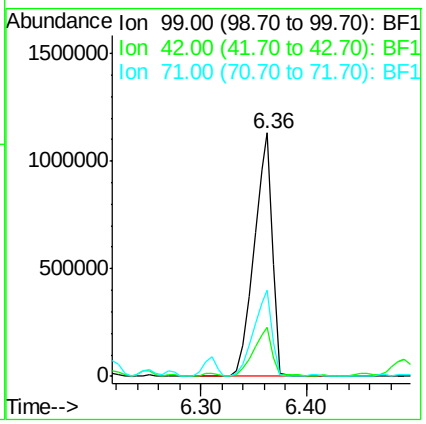


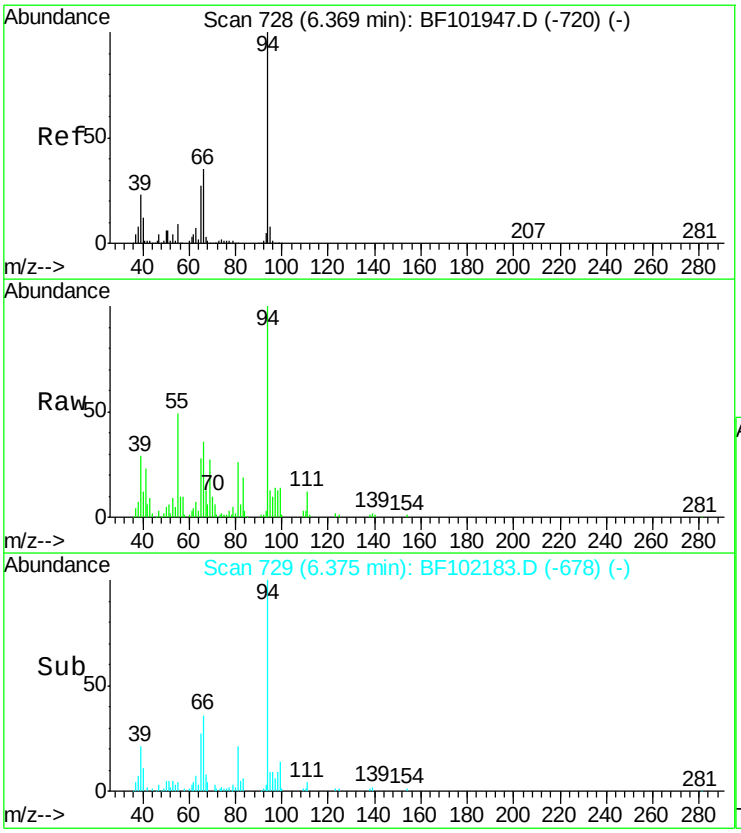
#7
Phenol-d6
Concen: 101.103 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1365173

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	35.3	25.4	38.0

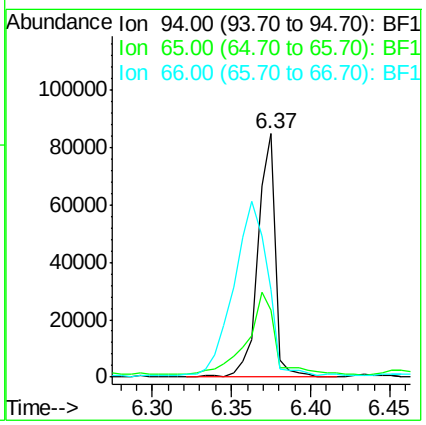


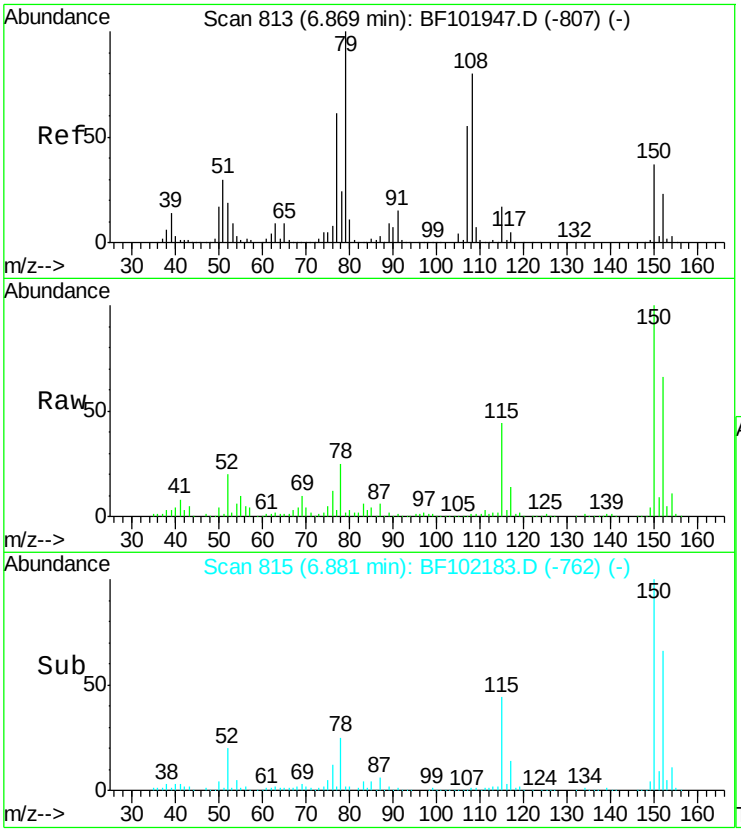


#10
Phenol
Concen: 4.266 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion: 94 Resp: 65096

Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.9	47.9
66	36.1	16.2	56.2



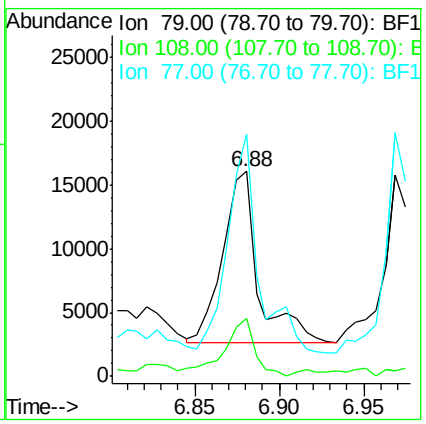


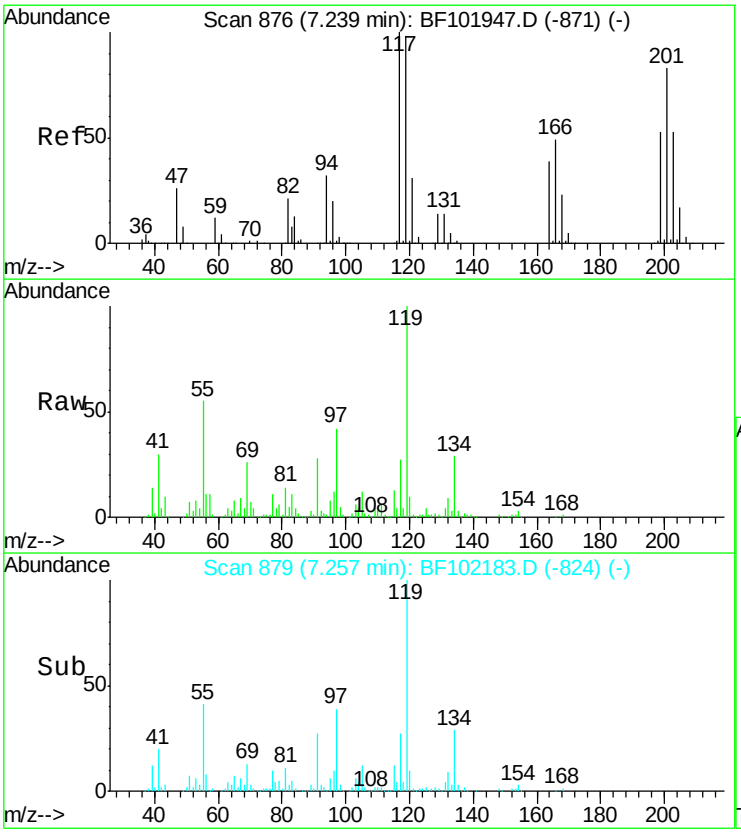
#15
Benzyl Alcohol
Concen: 2.009 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 19843

Ion	Ratio	Lower	Upper
79	100		
108	28.1	65.1	97.7#
77	118.1	50.6	75.8#

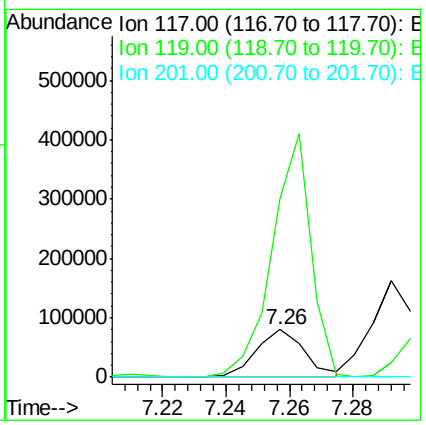


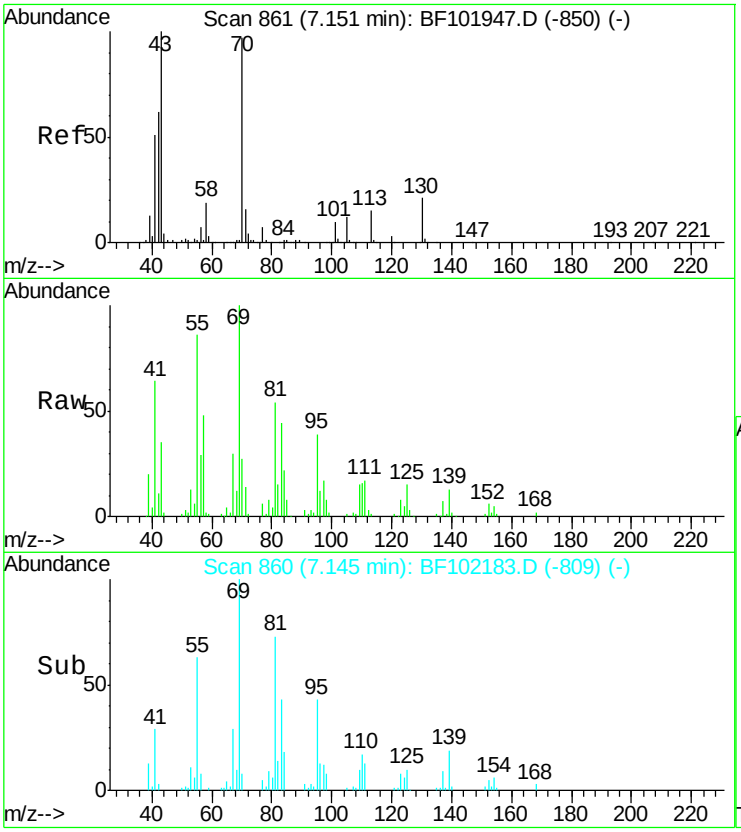


#18
Hexachloroethane
Concen: 18.488 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.02 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:117 Resp: 85001

Ion	Ratio	Lower	Upper
117	100		
119	373.9	75.8	113.8#
201	0.0	75.7	113.5#



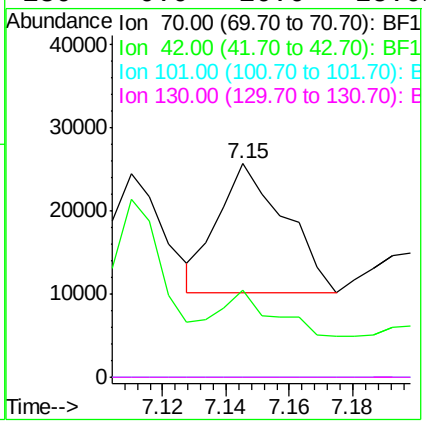


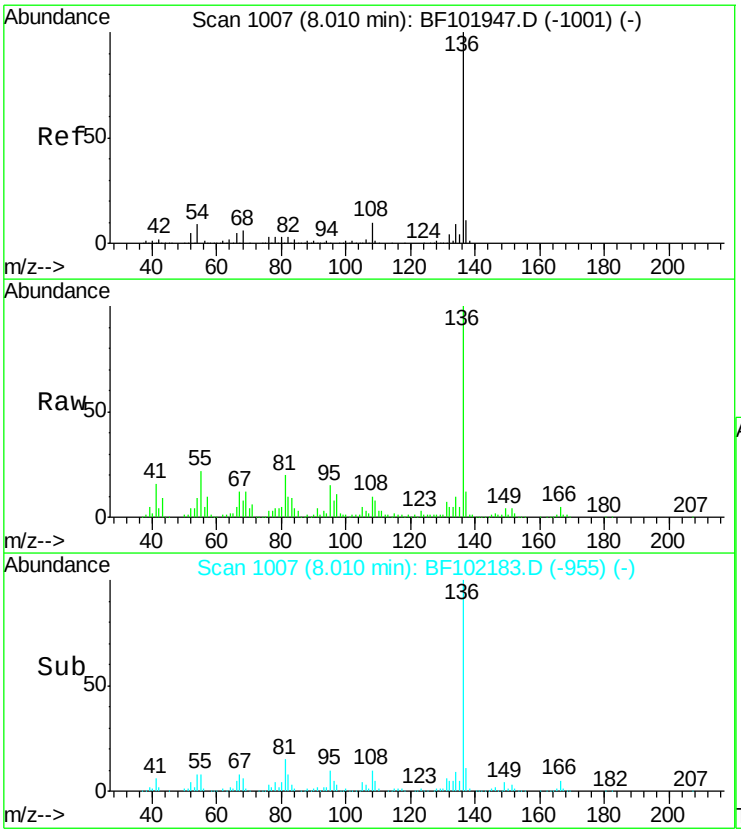
#19
n-Nitroso-di-n-propylamine
Concen: 2.581 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 22835

Ion	Ratio	Lower	Upper
70	100		
42	40.6	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

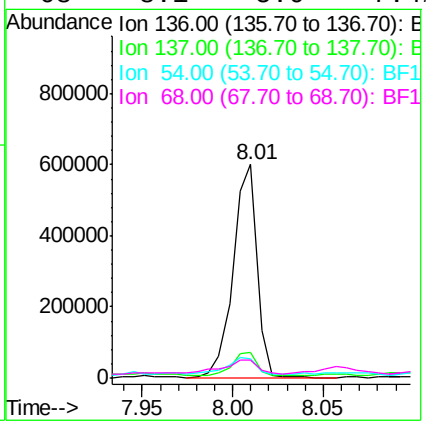


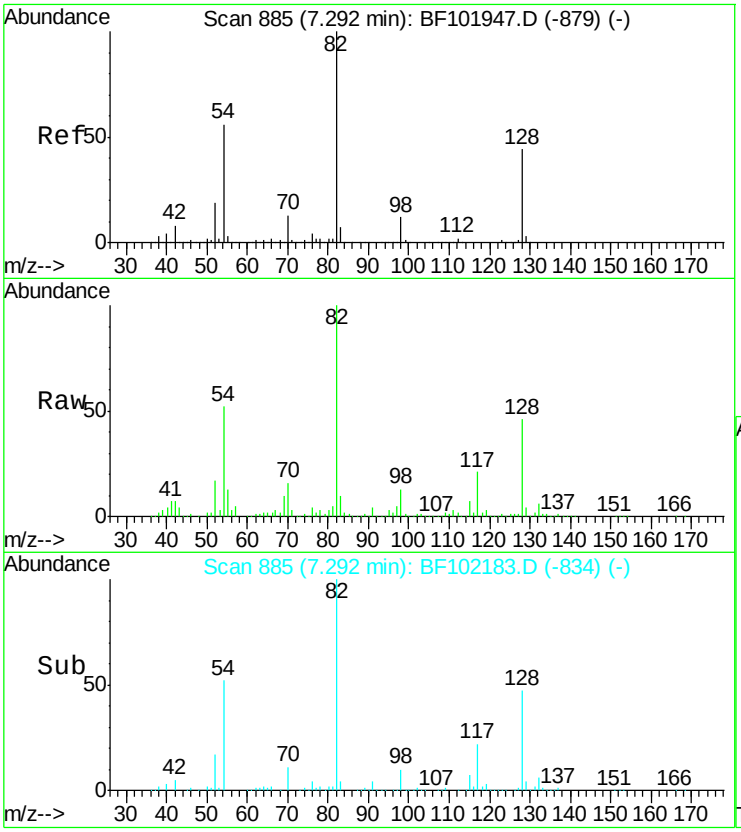


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:136 Resp: 545508

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	9.3	6.6	9.8
68	8.1	5.0	7.4#



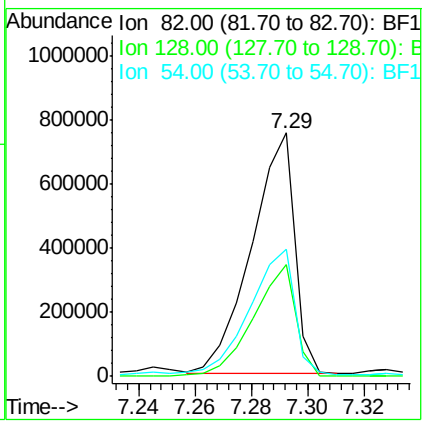


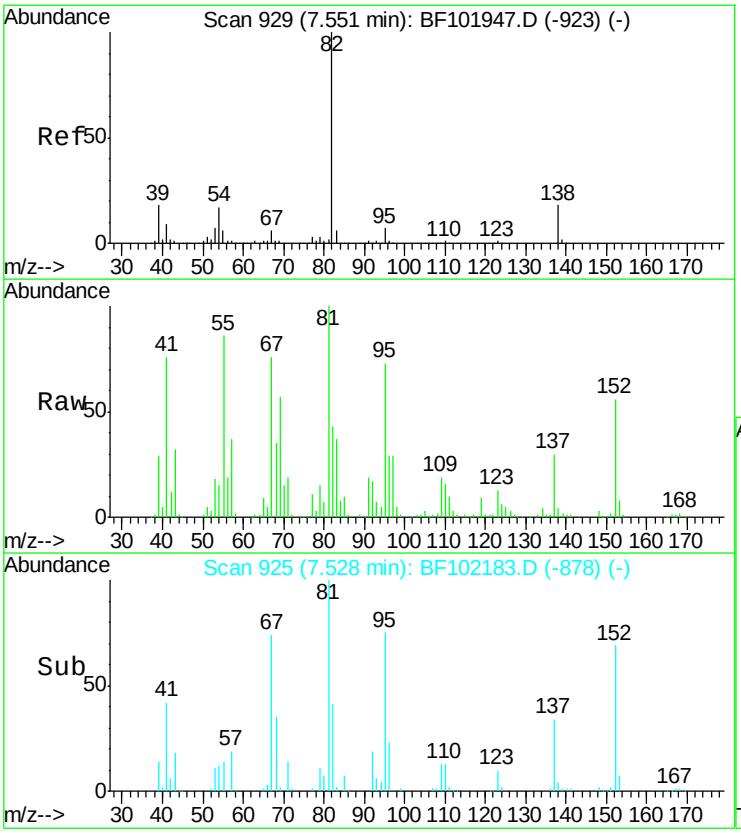
#23
Nitrobenzene-d5
Concen: 85.902 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 797431

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	52.2	41.4	62.2

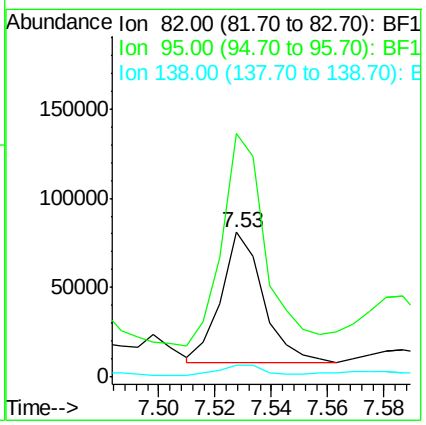


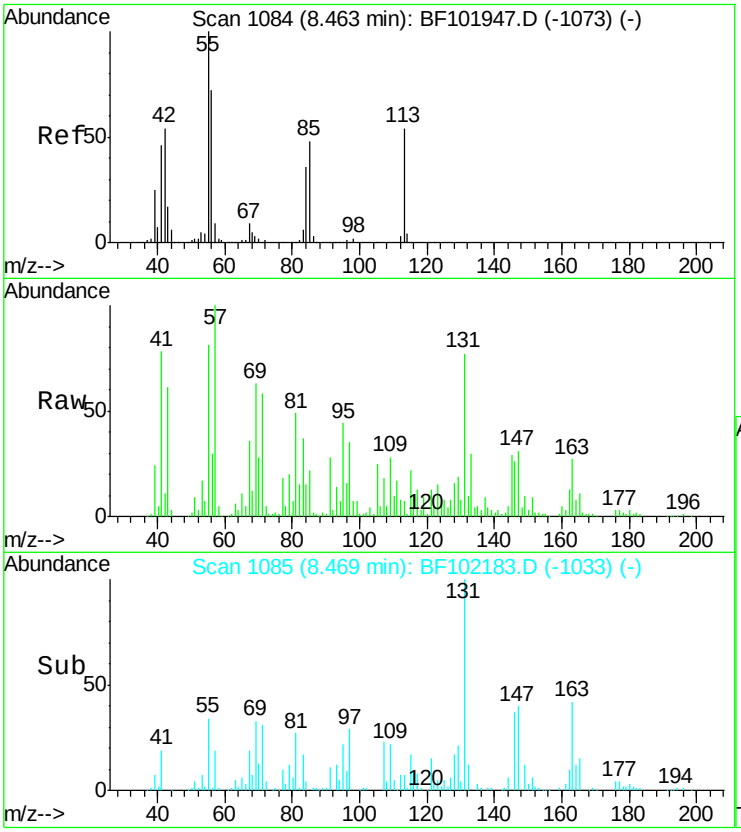


#25
Isophorone
Concen: 4.105 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion: 82 Resp: 75300

Ion	Ratio	Lower	Upper
82	100		
95	167.9	5.2	7.8#
138	8.4	14.9	22.3#



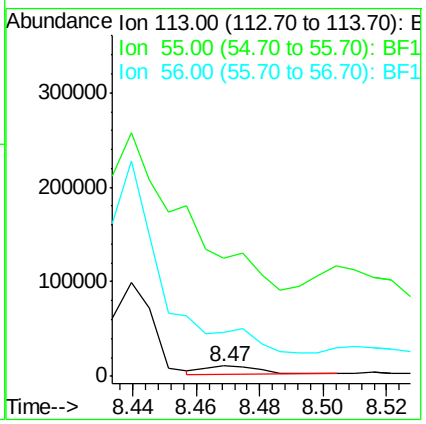


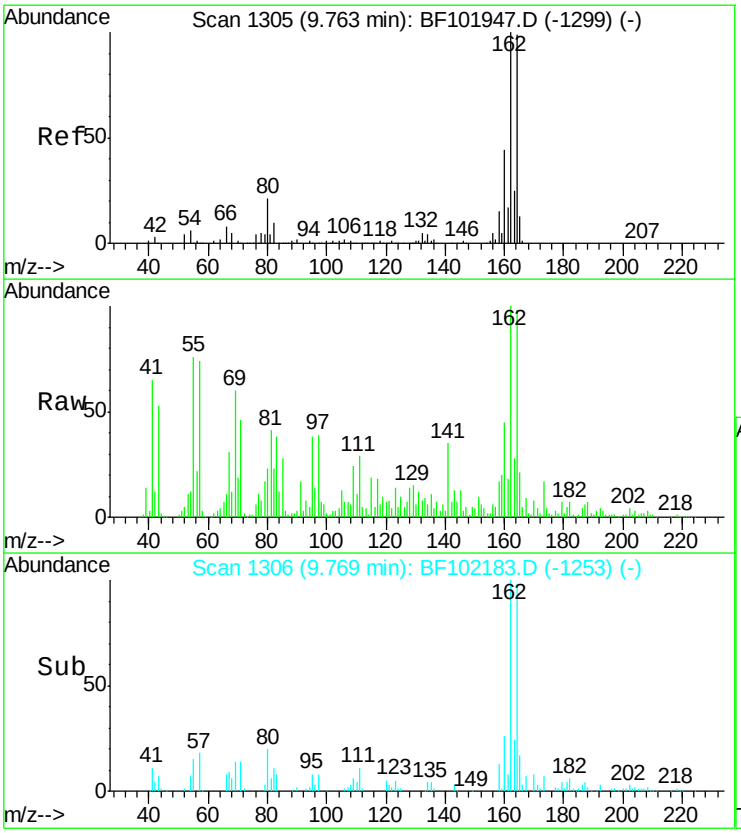
#35
Caprolactam
Concen: 3.952 ng
RT: 8.47 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 10044

Ion	Ratio	Lower	Upper
113	100		
55	1120.8	163.3	203.3#
56	415.8	115.7	155.7#

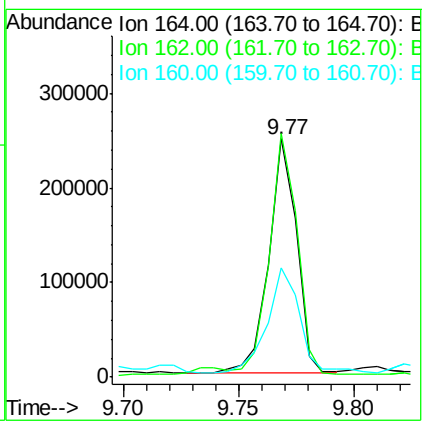


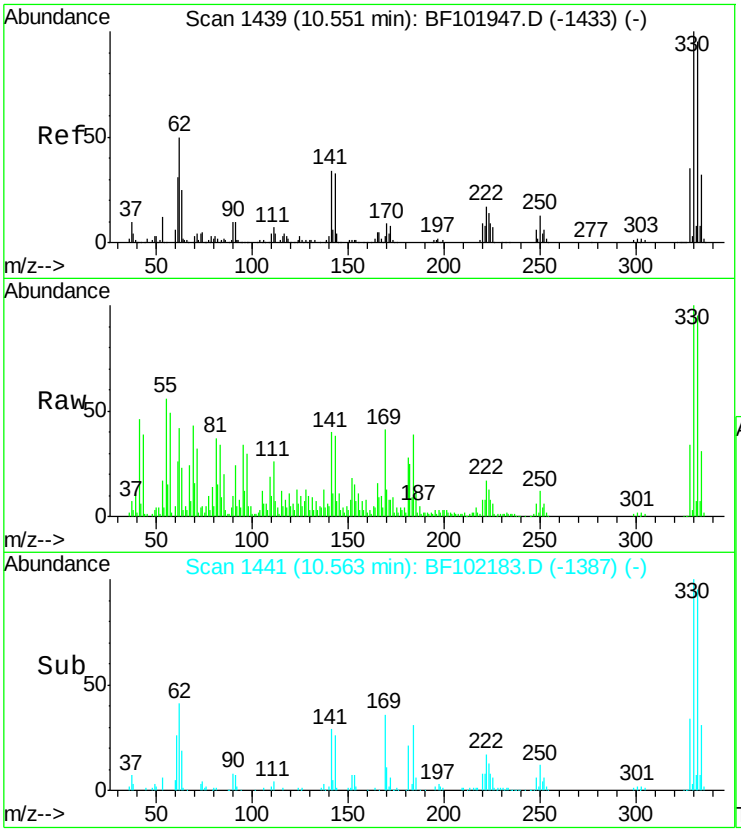


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:164 Resp: 207451

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.8	38.3	57.5



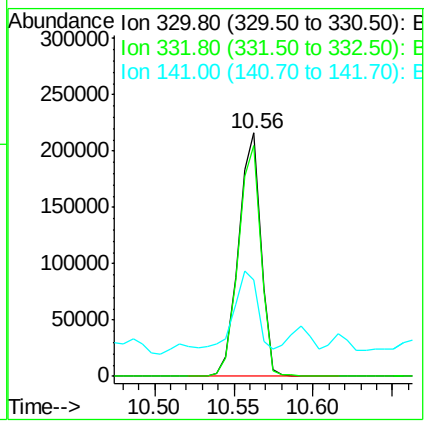


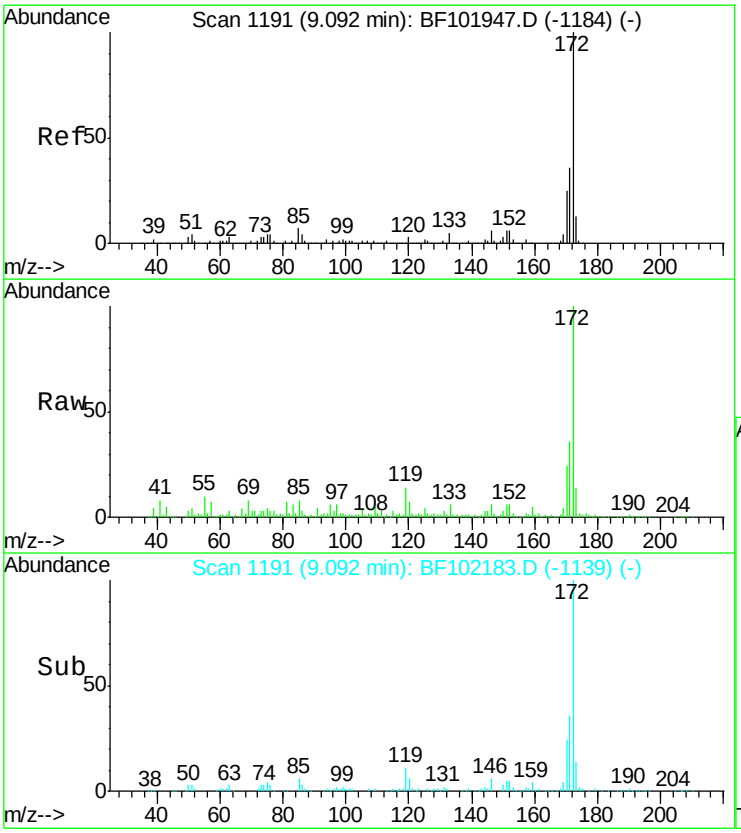
#41
2,4,6-Tribromophenol
Concen: 116.060 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.02 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 210114

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.3	29.9	44.9

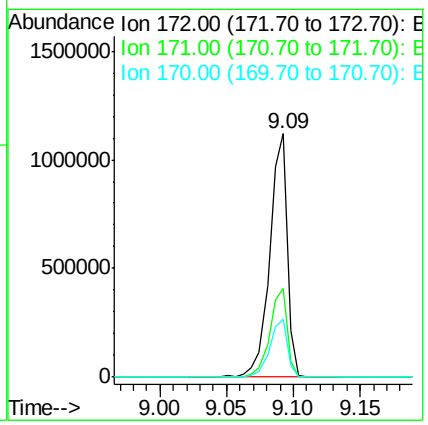


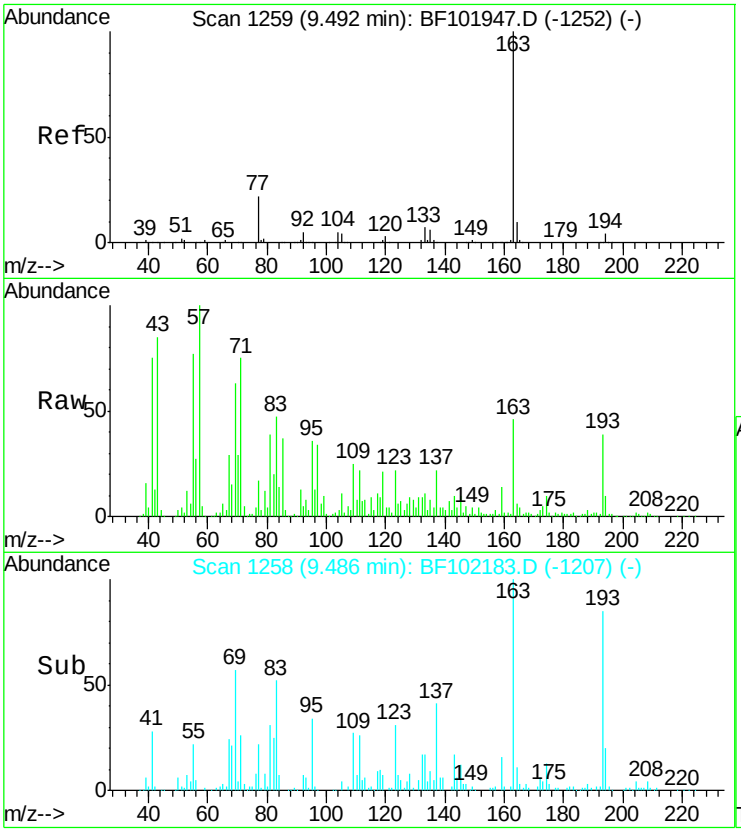


#44
2-Fluorobiphenyl
Concen: 77.771 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:172 Resp: 1032702

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.6	19.6	29.4



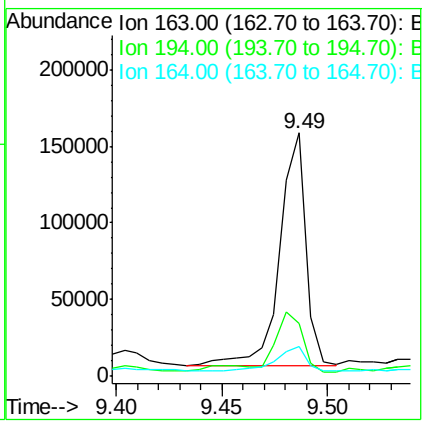


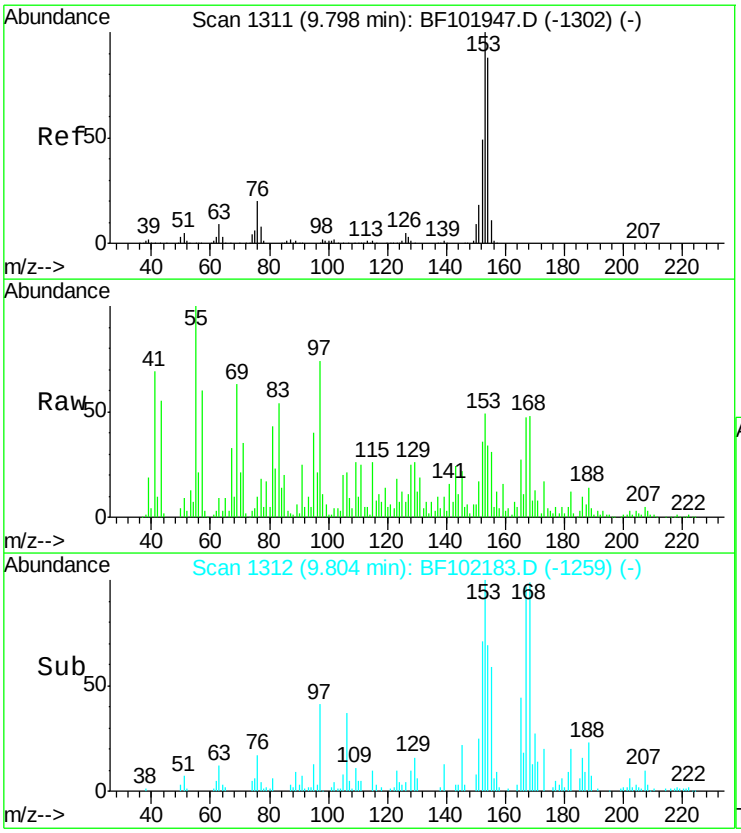
#49
Dimethylphthalate
Concen: 7.973 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 132681

Ion	Ratio	Lower	Upper
163	100		
194	21.9	2.7	4.1#
164	12.5	8.2	12.2#

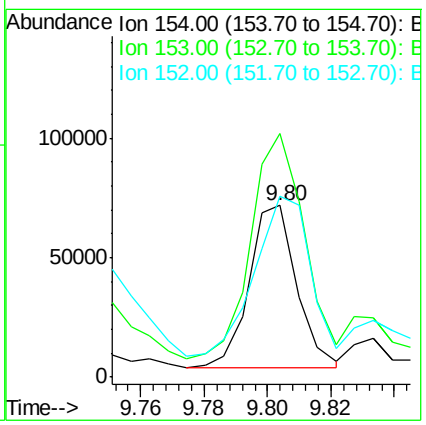


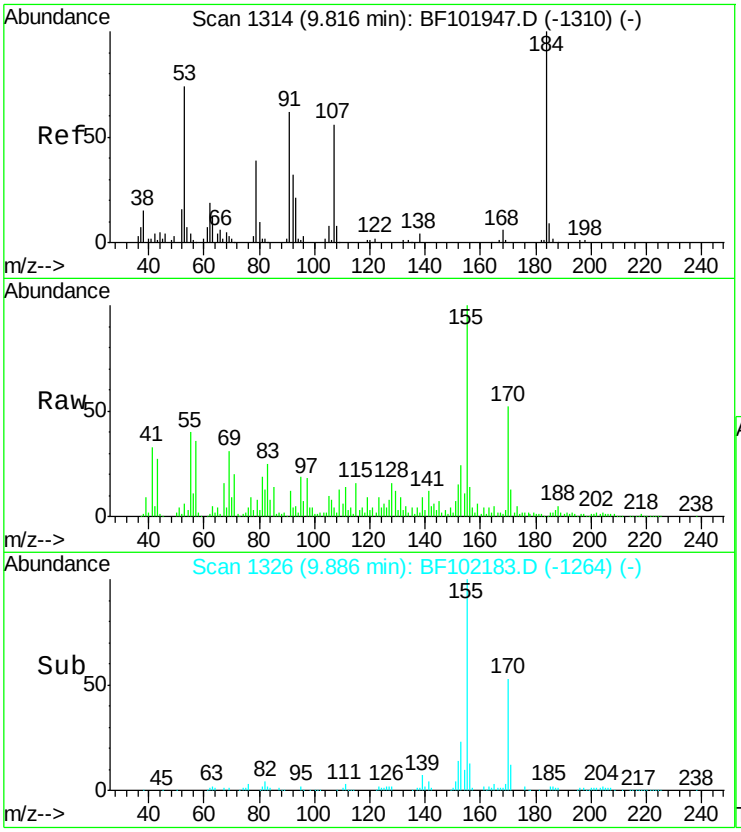


#51
Acenaphthene
Concen: 5.144 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:154 Resp: 70459

Ion	Ratio	Lower	Upper
154	100		
153	141.8	91.2	136.8#
152	105.5	43.8	65.8#



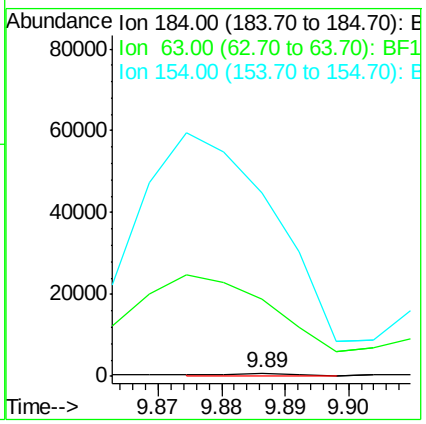


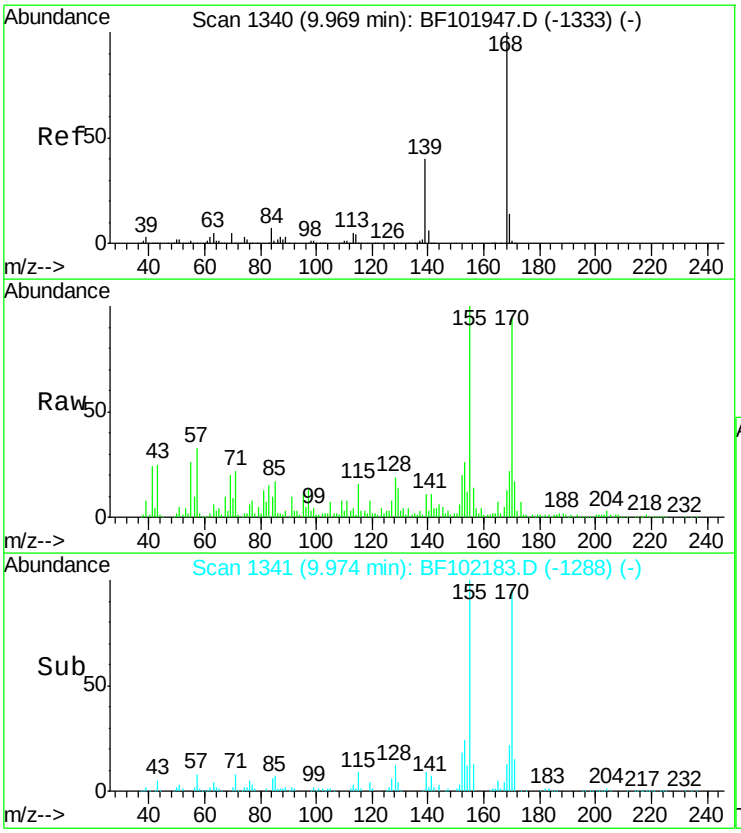
#53
2,4-Dinitrophenol
Concen: 9.042 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.06 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 547

Ion	Ratio	Lower	Upper
184	100		
63	2571.4	54.2	81.2#
154	6126.1	184.0	276.0#

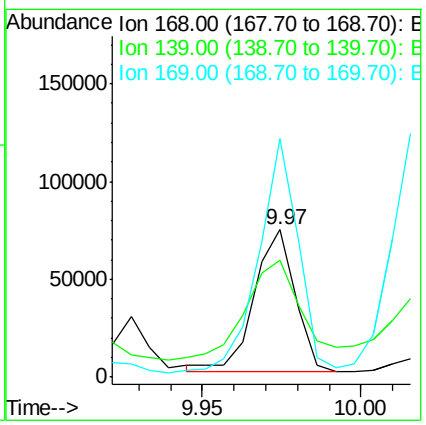


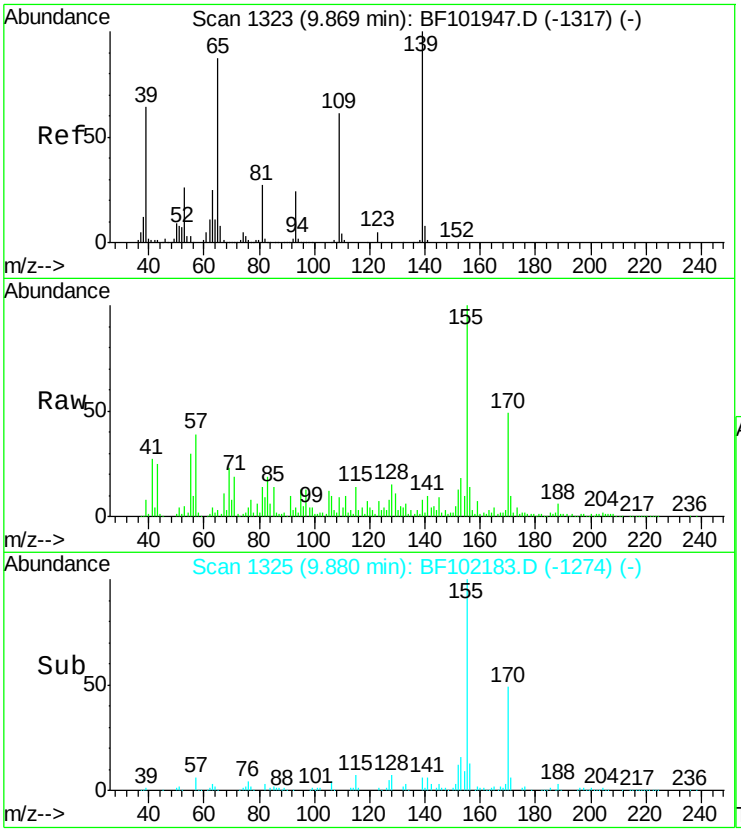


#54
Dibenzofuran
Concen: 3.504 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:168 Resp: 65864

Ion	Ratio	Lower	Upper
168	100		
139	79.8	30.1	45.1#
169	161.7	10.9	16.3#



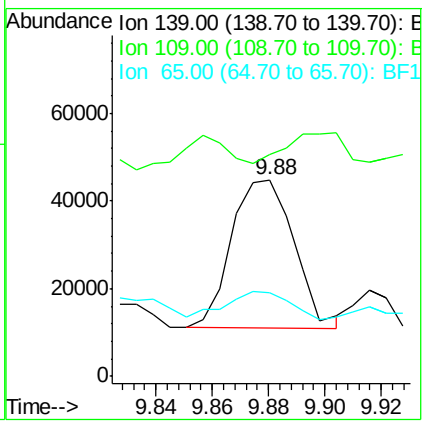


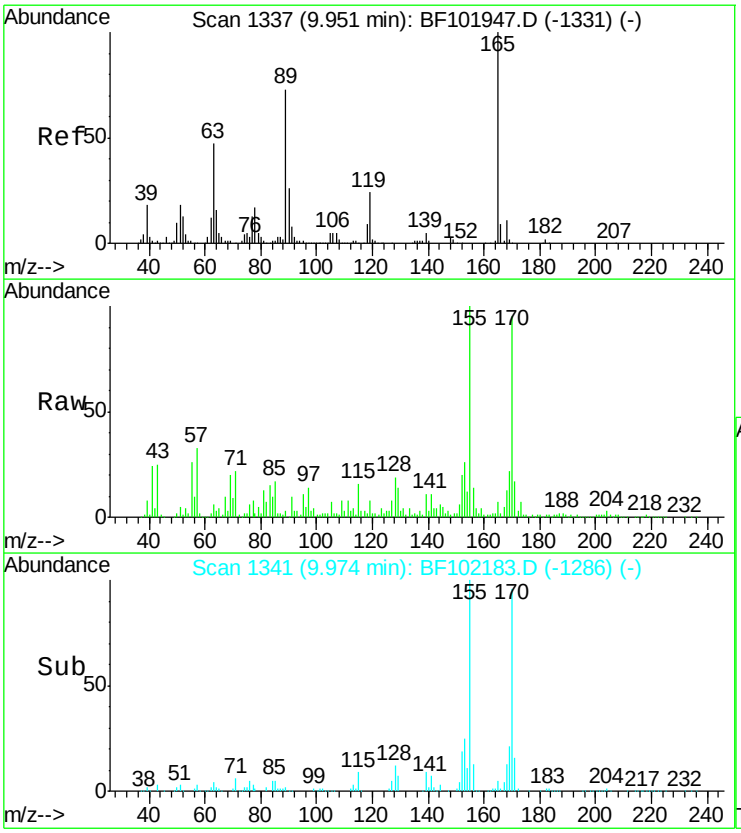
#55
4-Nitrophenol
Concen: 16.653 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 52066

Ion	Ratio	Lower	Upper
139	100		
109	113.3	48.4	88.4#
65	42.7	72.6	112.6#

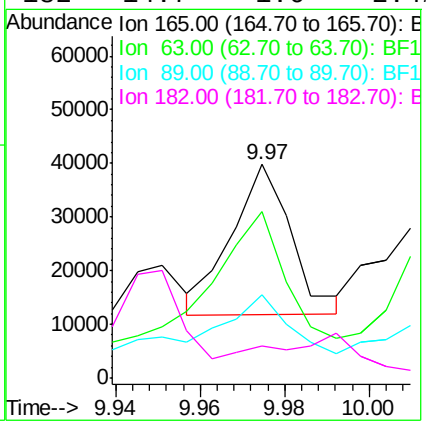


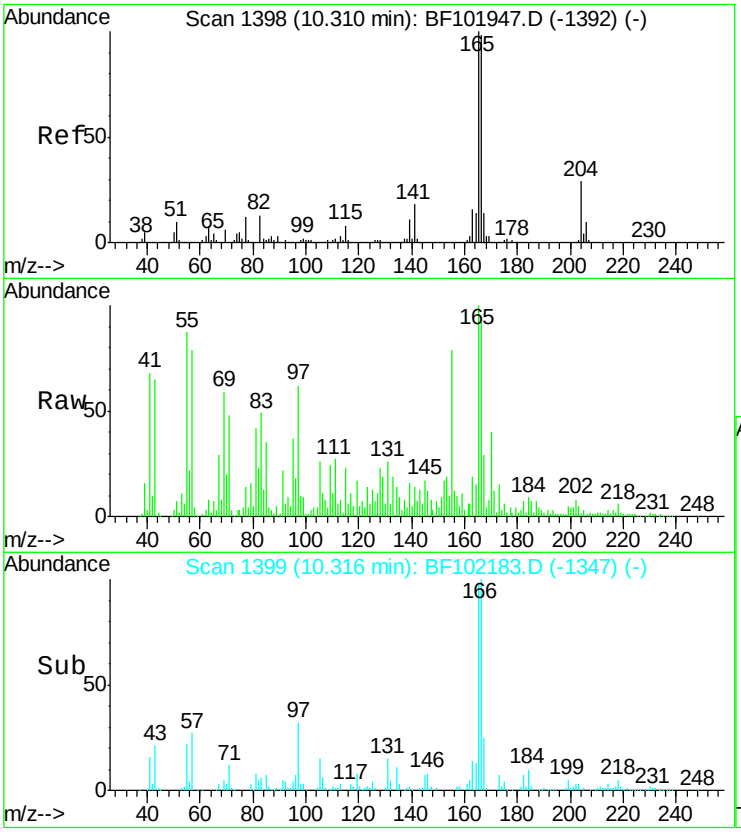


#56
2,4-Dinitrotoluene
Concen: 6.592 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:165 Resp: 27464

Ion	Ratio	Lower	Upper
165	100		
63	77.8	36.4	54.6#
89	39.2	57.8	86.6#
182	14.7	1.6	2.4#



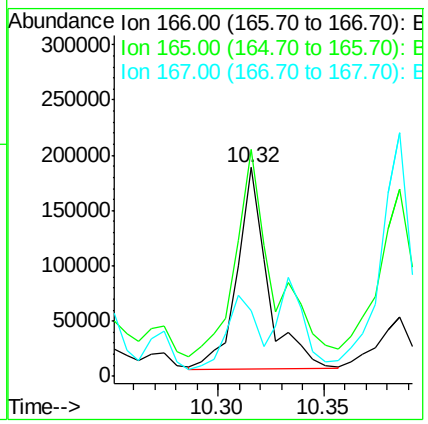


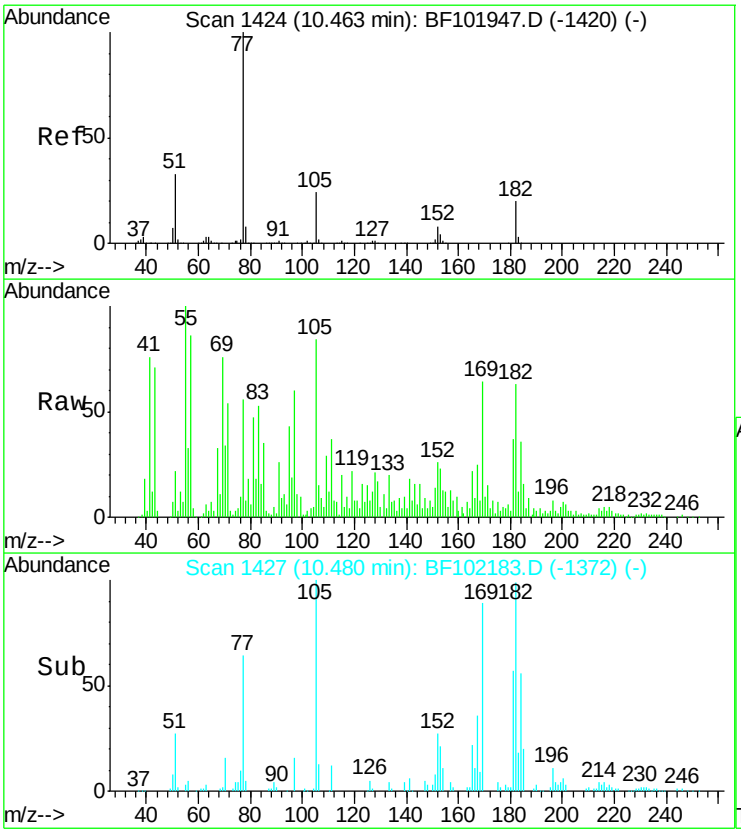
#57
Fluorene
Concen: 13.932 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 181036

Ion	Ratio	Lower	Upper
166	100		
165	108.5	79.8	119.8
167	31.4	10.6	16.0#

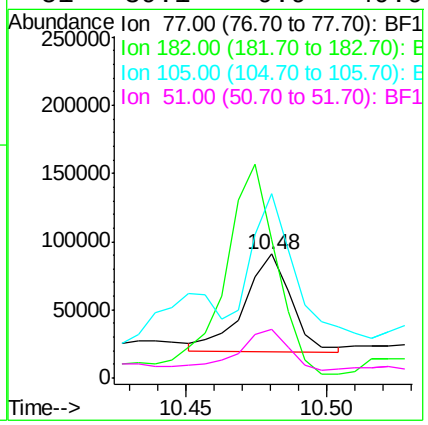


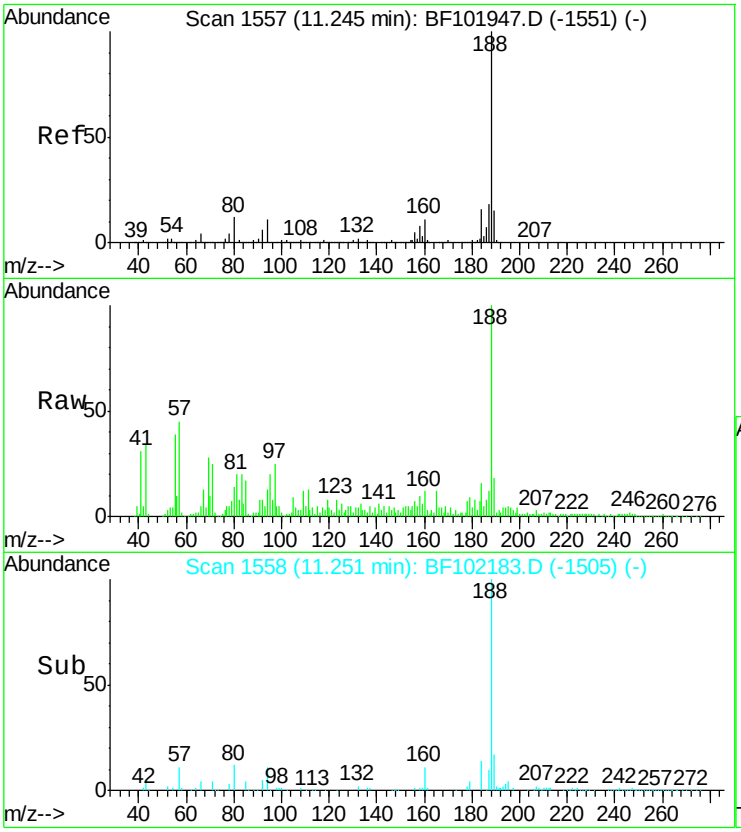


#62
Azobenzene
Concen: 5.060 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.02 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion: 77 Resp: 83333

Ion	Ratio	Lower	Upper
77	100		
182	111.7	1.7	41.7#
105	149.3	3.0	43.0#
51	39.1	9.9	49.9



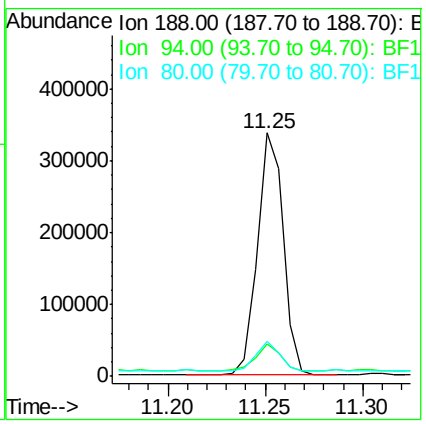


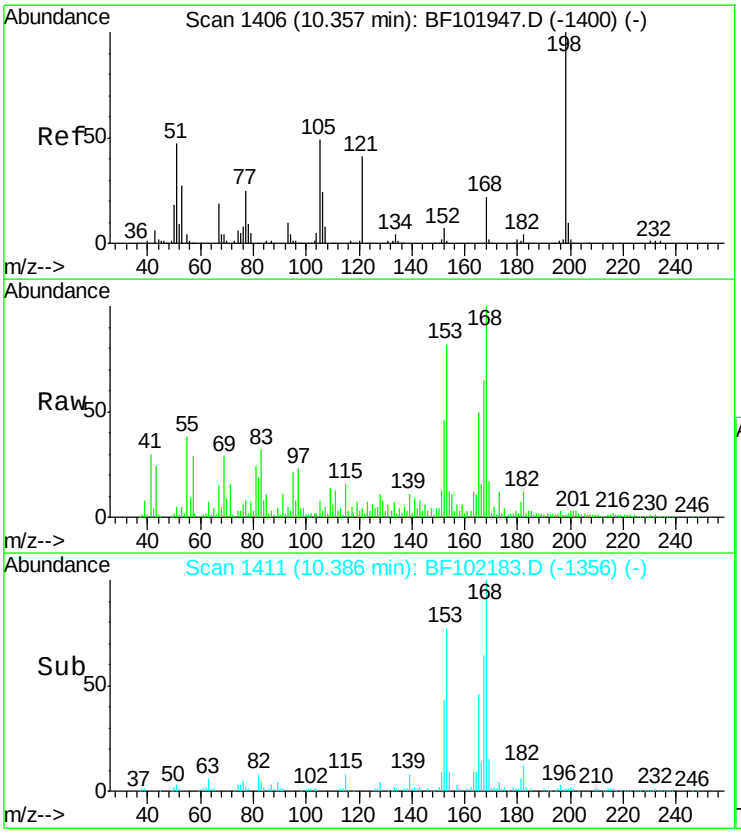
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 309028

Ion	Ratio	Lower	Upper
188	100		
94	13.1	8.5	12.7#
80	14.4	9.2	13.8#

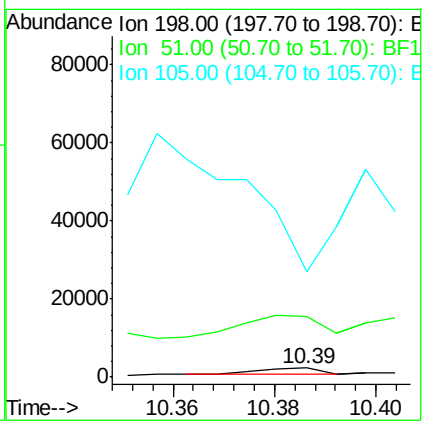


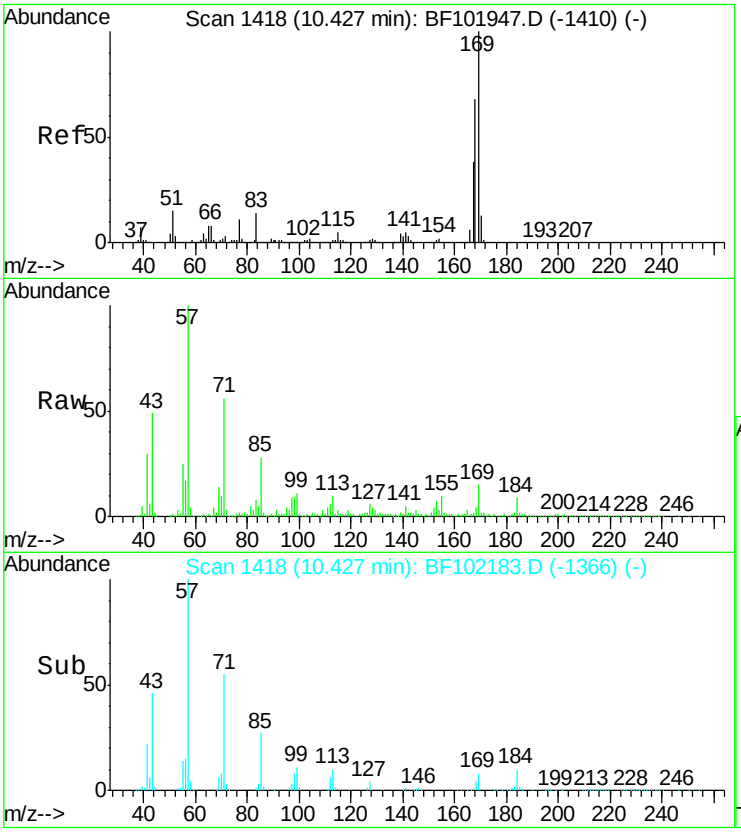


#64
4,6-Dinitro-2-methylphenol
Concen: 6.344 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:198 Resp: 1297

Ion	Ratio	Lower	Upper
198	100		
51	672.4	37.7	77.7#
105	1181.0	36.3	76.3#



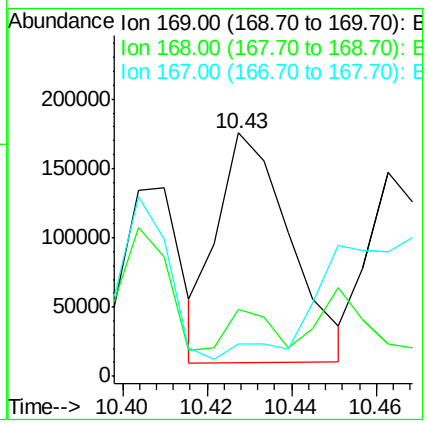


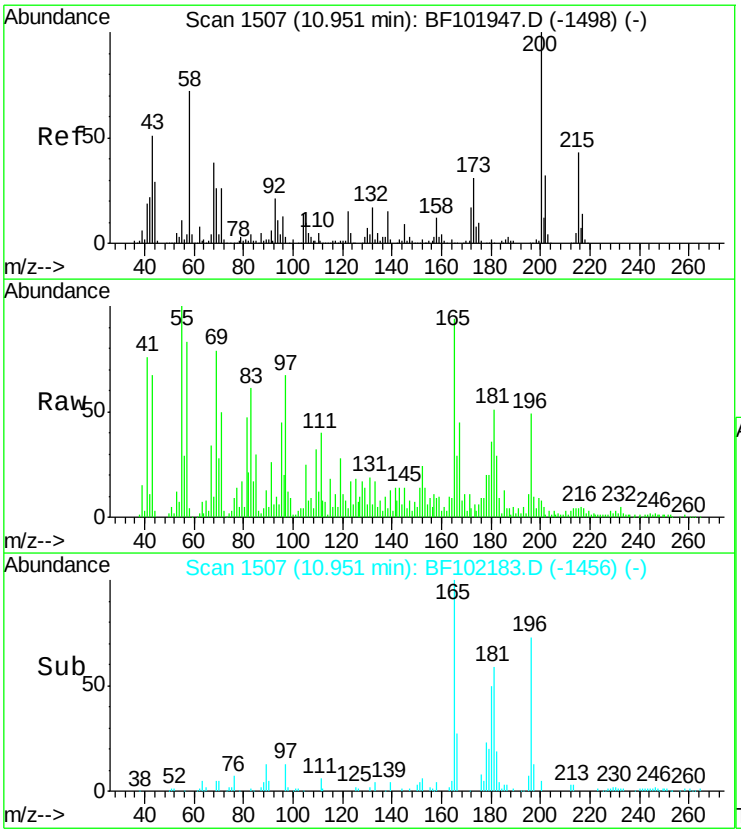
#65
n-Nitrosodiphenylamine
Concen: 17.134 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 198276

Ion	Ratio	Lower	Upper
169	100		
168	27.5	54.4	81.6#
167	13.5	29.8	44.6#

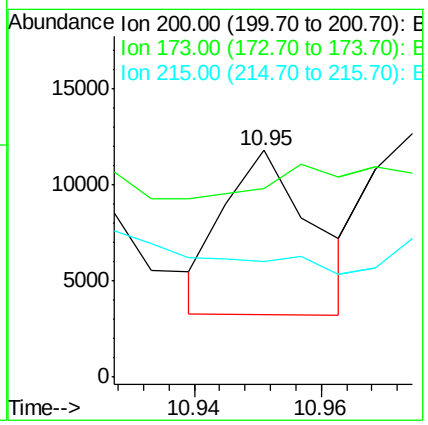


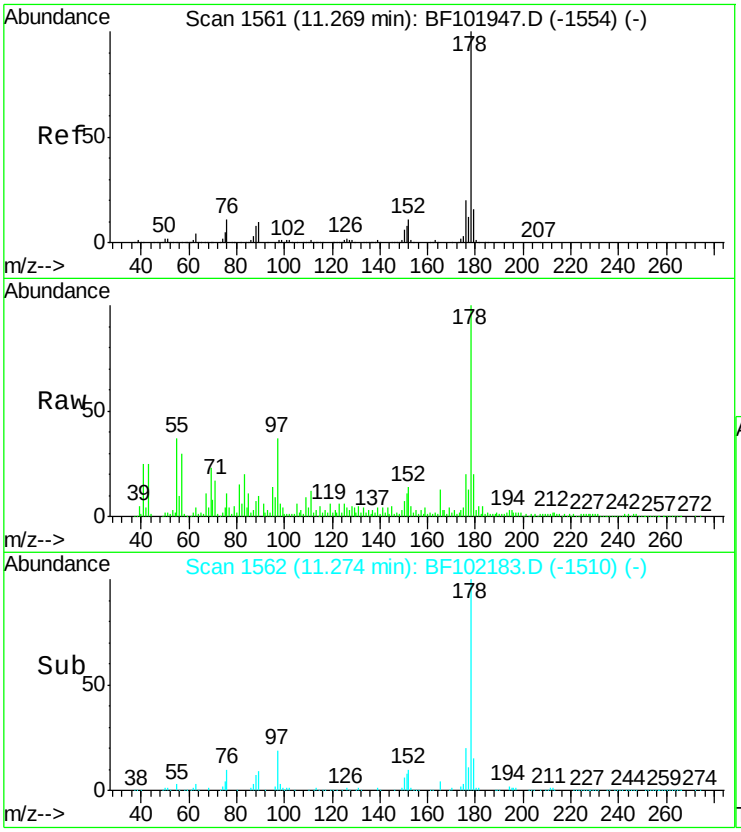


#68
Atrazine
Concen: 2.466 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:200 Resp: 8248

Ion	Ratio	Lower	Upper
200	100		
173	83.4	8.6	48.6#
215	50.8	25.1	65.1



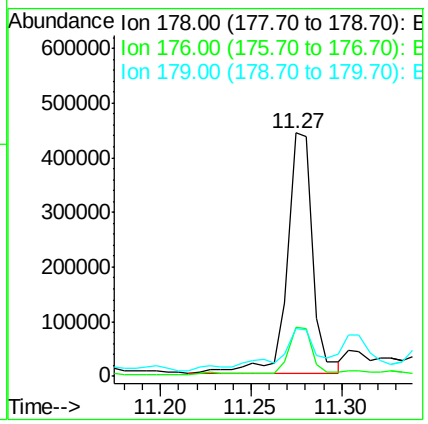


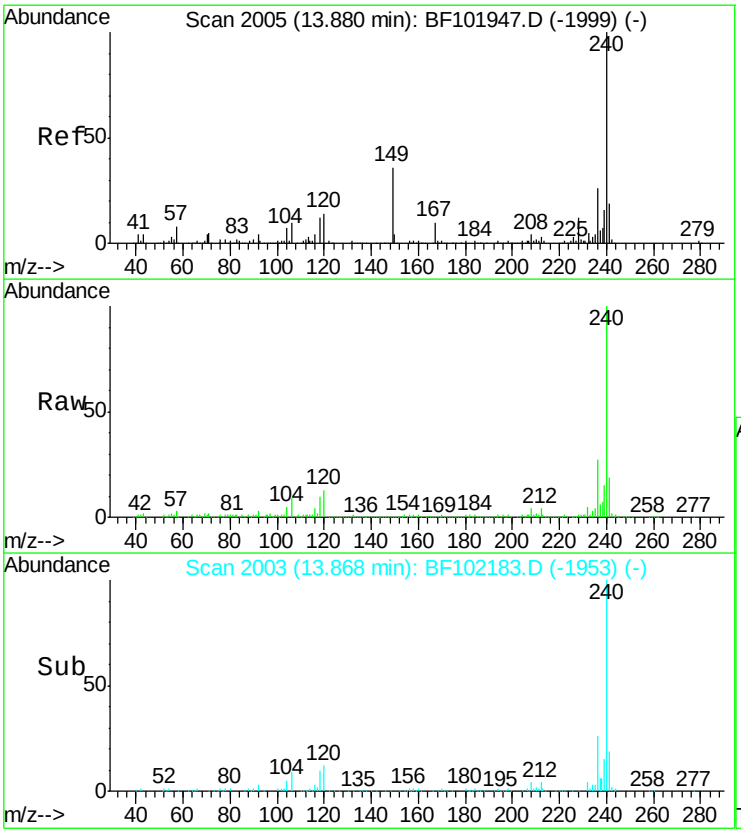
#70
Phenanthrene
Concen: 23.902 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 431466

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	19.8	13.0	19.6#

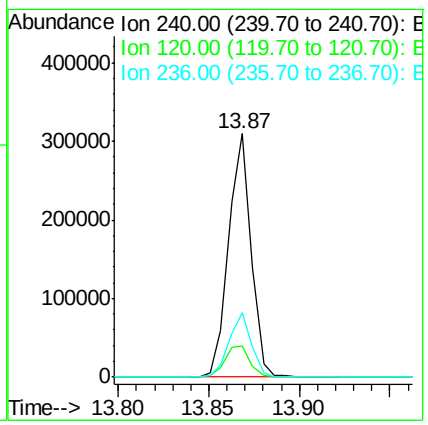


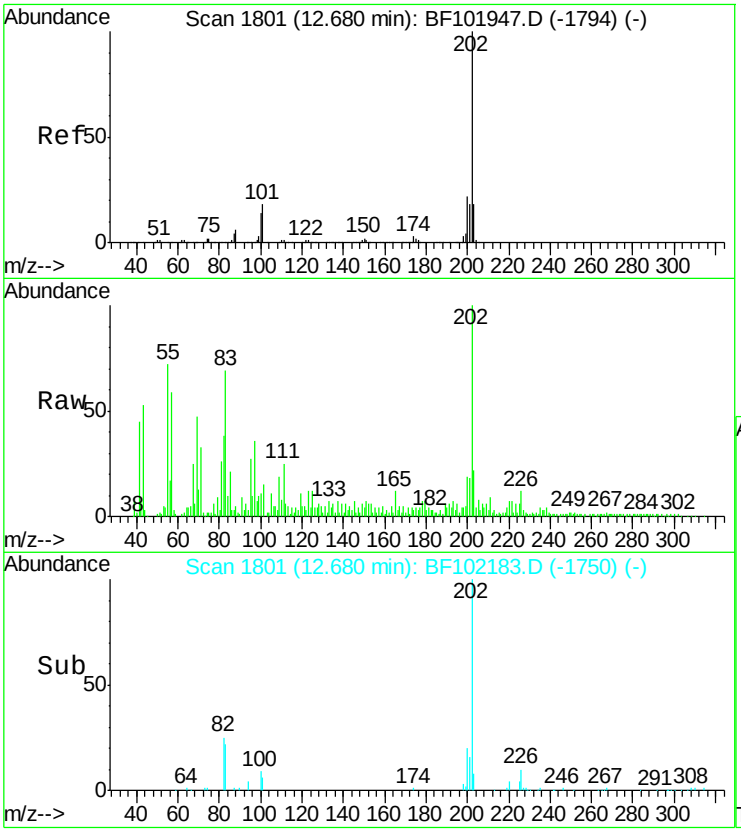


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:240 Resp: 269242

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.6	20.7	31.1



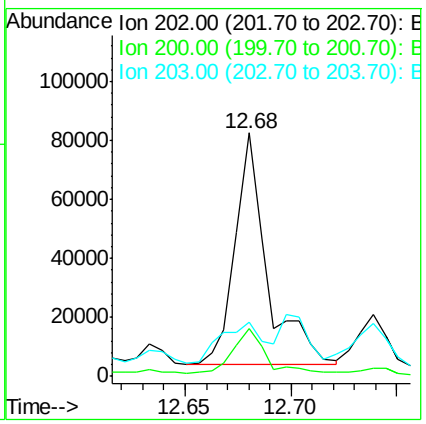


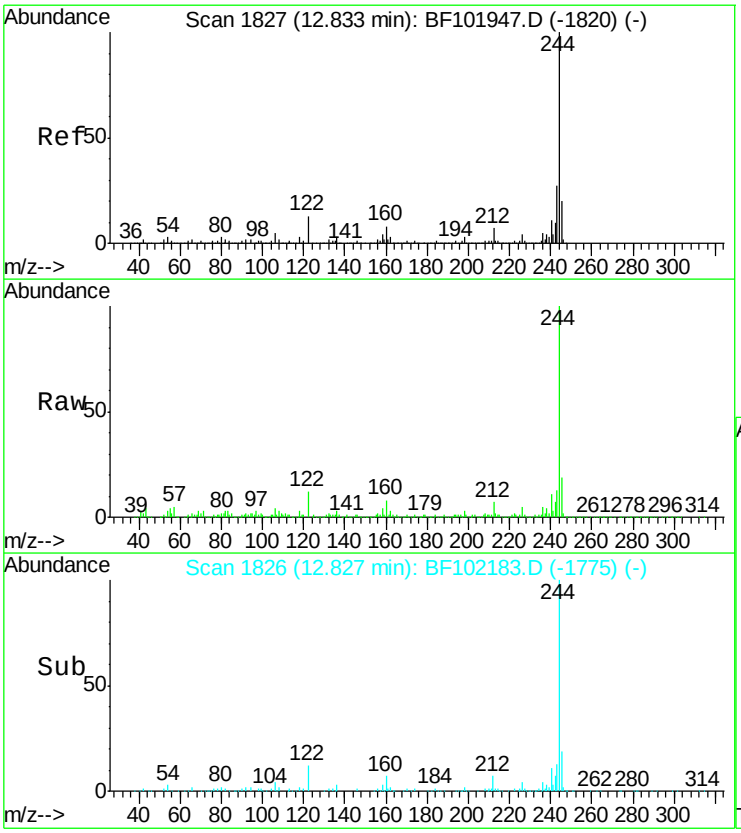
#77
Pyrene
Concen: 3.424 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 81500

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.4	26.2
203	22.1	14.3	21.5#

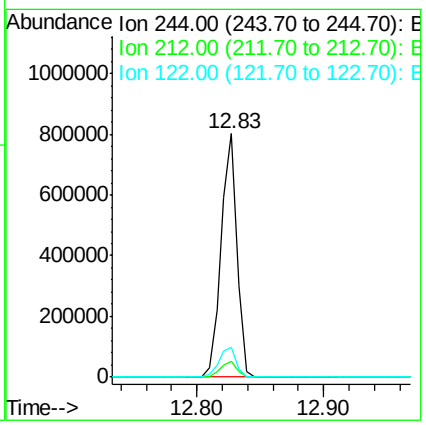


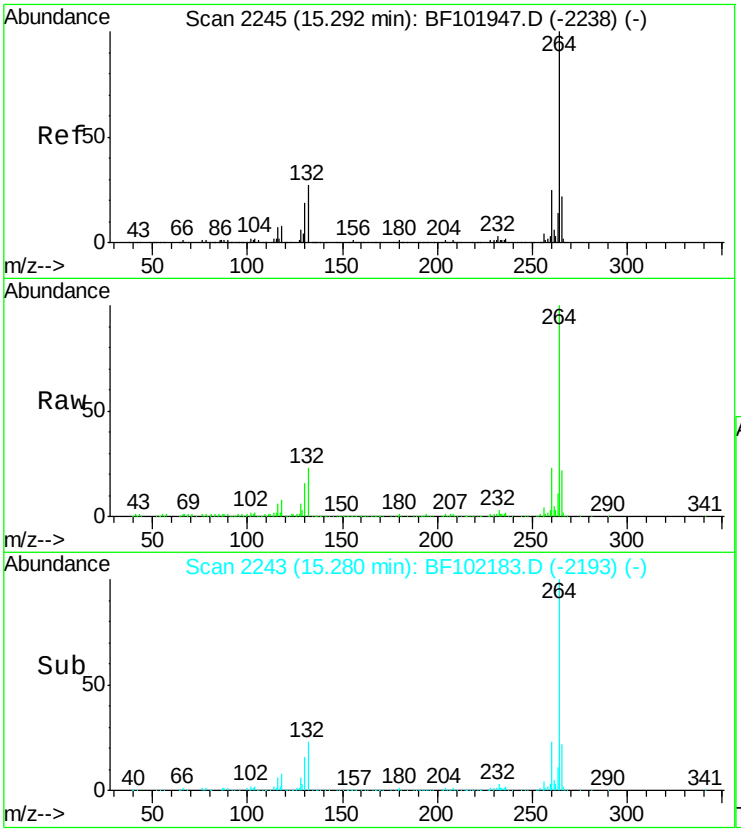


#78
Terphenyl-d14
Concen: 53.744 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:244 Resp: 696937

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.3	11.0	16.4

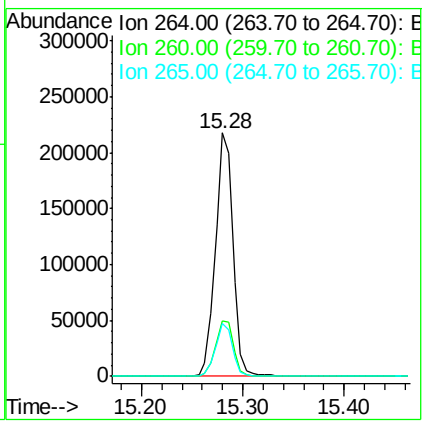




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:264 Resp: 262192

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.6	17.5	26.3



Instrument :
BNA_F
ClientSampleId :