Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101252.D
Acq On : 8 Dec 2017 22:40
Operator : SJ/JU
Sample : I6742-01DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 09 01:04:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	39705	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	142494	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	60122	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	102434	20.00	ng		0.00
75) Chrysene-d12	14.00	240	91214	20.00	ng		0.00
86) Perylene-d12	15.48	264	71802	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	15528	6.46	ng		0.00
7) Phenol-d6	6.47	99	12045	4.13	ng		0.00
23) Nitrobenzene-d5	7.39	82	24836	10.40	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	8938	12.38	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	52294	11.90	ng		0.00
78) Terphenyl-d14	12.94	244	49505	11.87	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.36	117	11838	11.666	ng	#	1
22) Acetophenone	7.22	105	13505	3.923	ng	#	59
31) Naphthalene	8.13	128	123562	17.594	ng		98
35) Caprolactam	8.56	113	2254	3.574	ng	#	1
37) 2-Methylnaphthalene	8.83	142	333843	69.960	ng		99
45) 1,1'-Biphenyl	9.29	154	21014	3.815	ng		97
47) 2-Nitroaniline	9.39	65	2500	2.160	ng	#	41
51) Acenaphthene	9.90	154	14290	3.712	ng	#	85
53) 2,4-Dinitrophenol	10.09	184	509	5.738	ng	#	1
54) Dibenzofuran	10.07	168	16020	2.888	ng	#	1
55) 4-Nitrophenol	10.02	139	2360	3.047	ng	#	42
56) 2,4-Dinitrotoluene	10.07	165	5550	4.055	ng	#	52
57) Fluorene	10.42	166	25925	5.749	ng	#	95
65) n-Nitrosodiphenylamine	10.53	169	40118	11.101	ng	#	43
70) Phenanthrene	11.39	178	76483	13.558	ng		97
71) Anthracene	11.39	178	76335	13.371	ng		97
83) Bis(2-ethylhexyl)phthalate	13.97	149	31674	8.005	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101252.D
Acq On : 8 Dec 2017 22:40
Operator : SJ/JU
Sample : I6742-01DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
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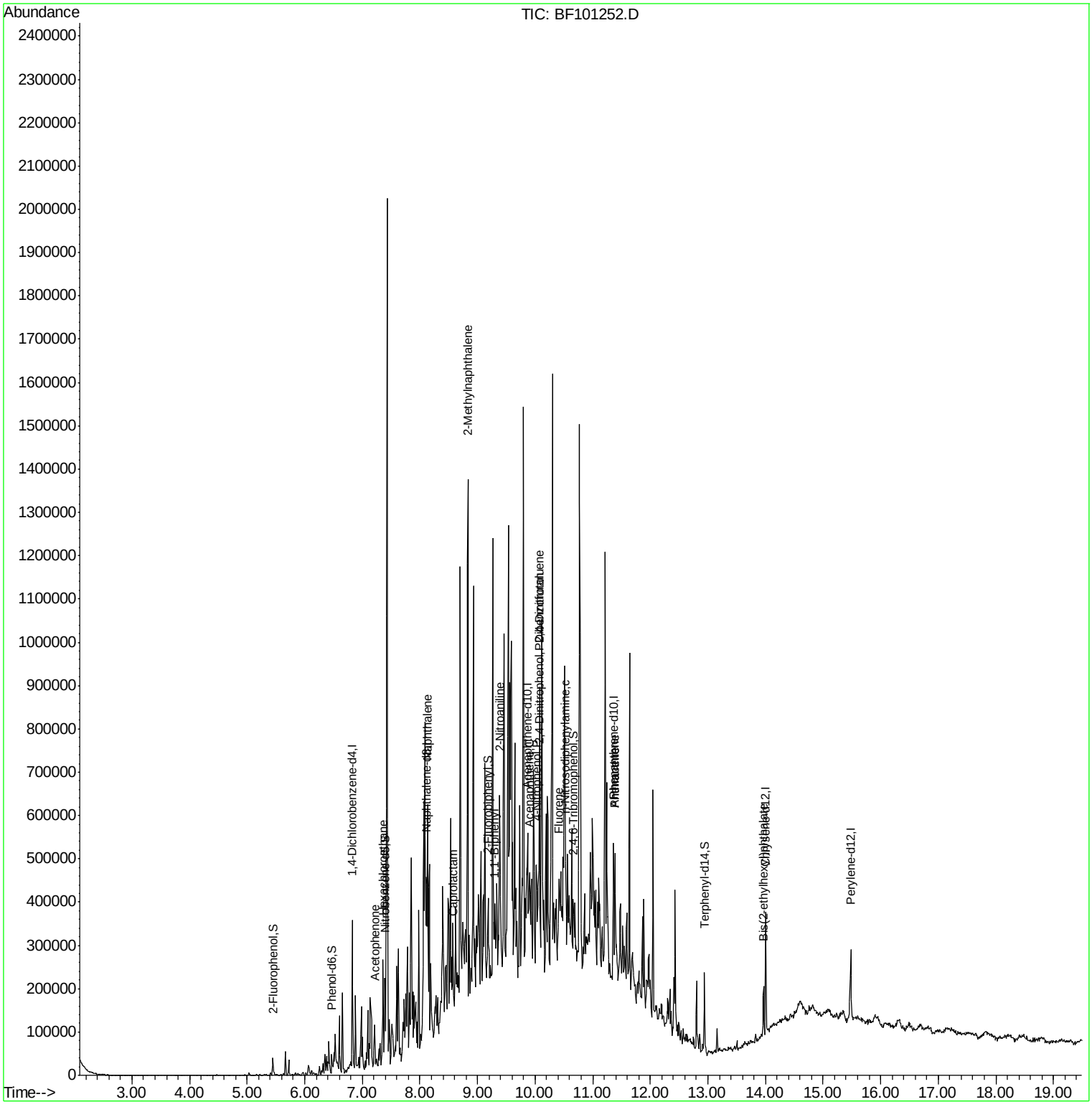
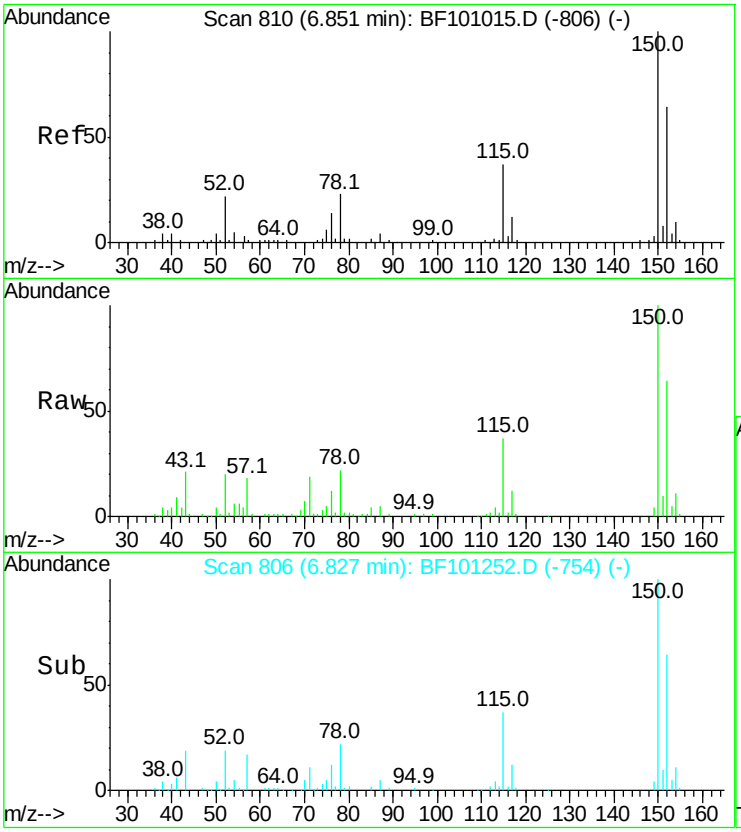
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



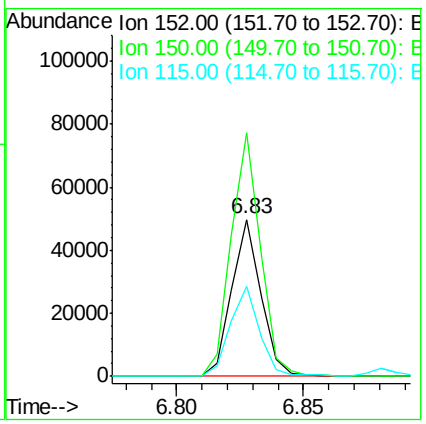


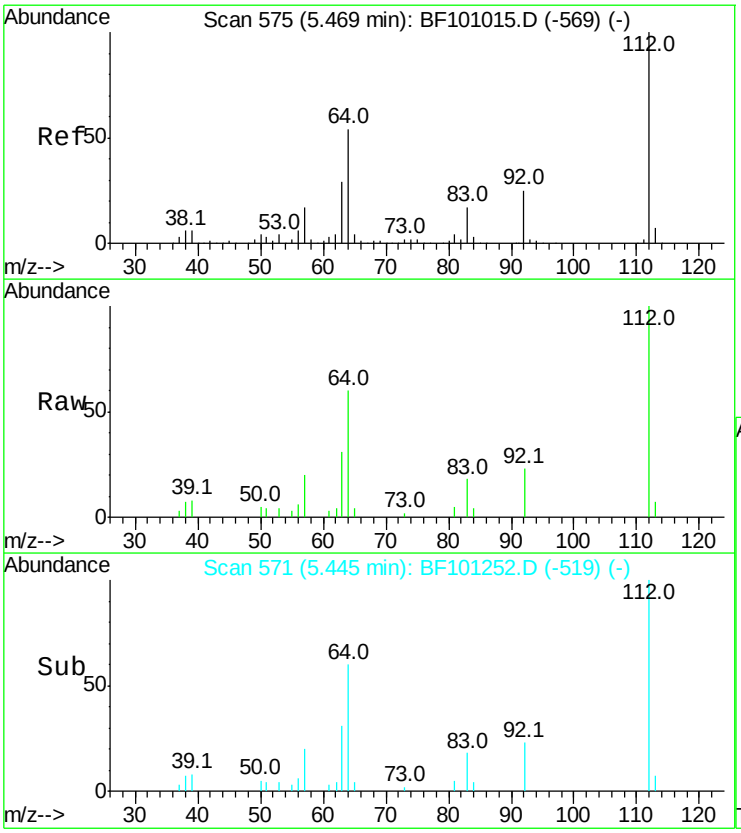
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39705

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	57.6	50.1	75.1

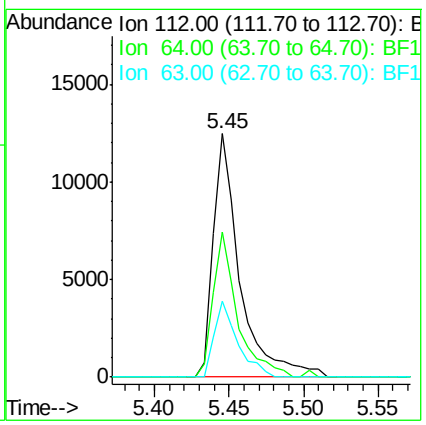


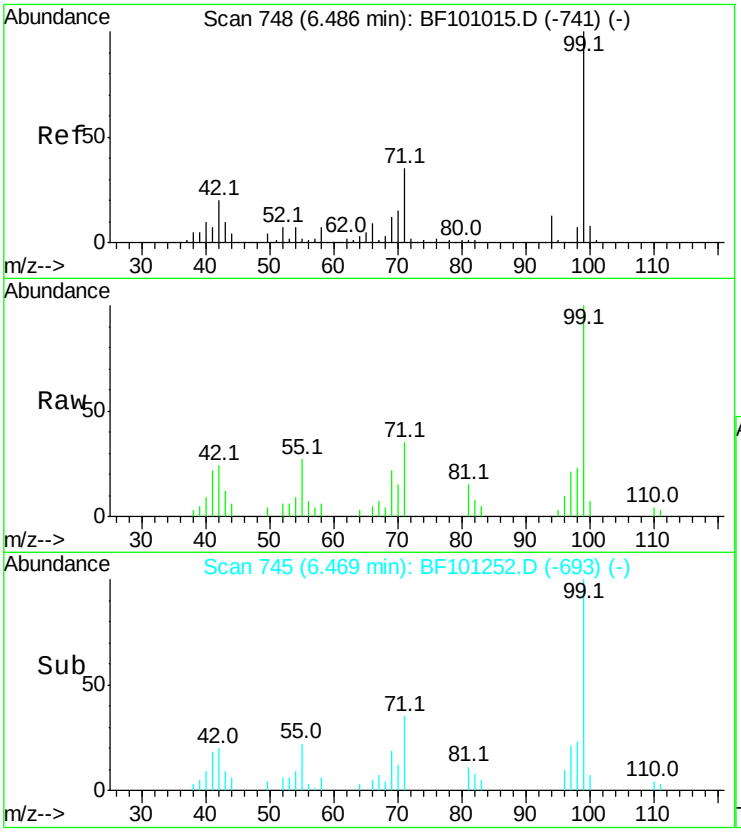


#5
2-Fluorophenol
Concen: 6.462 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:112 Resp: 15528

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.9	23.7	35.5



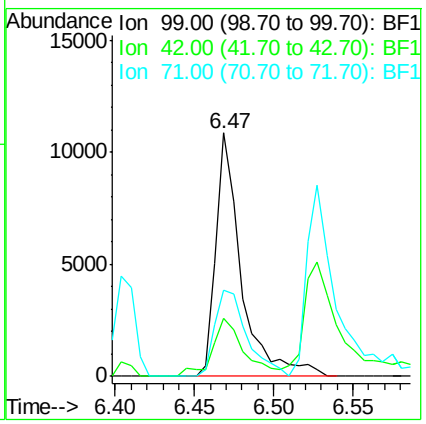


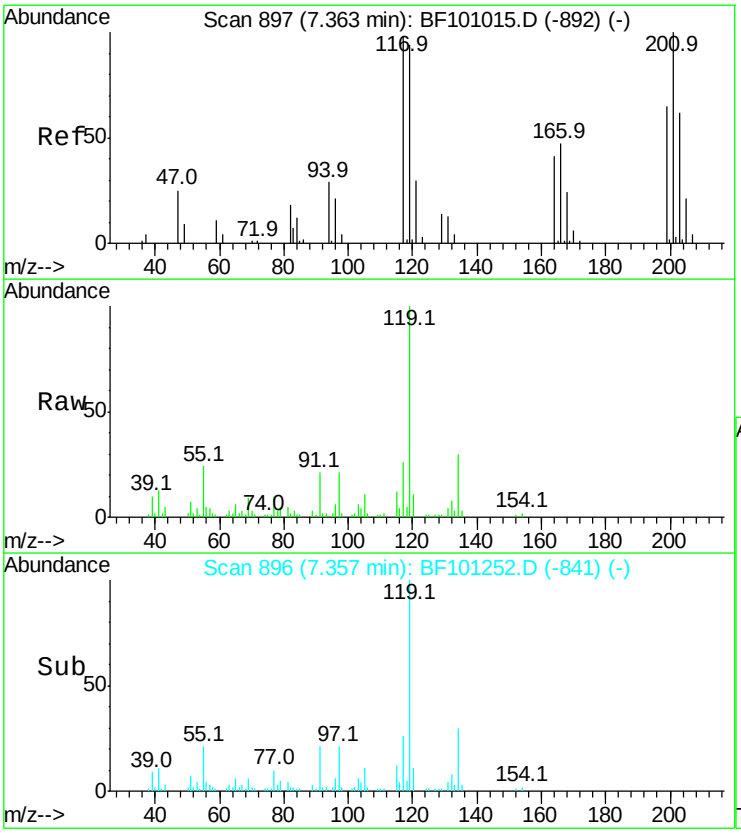
#7
Phenol-d6
Concen: 4.129 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 12045

Ion	Ratio	Lower	Upper
99	100		
42	23.6	14.5	21.7#
71	35.2	25.4	38.0

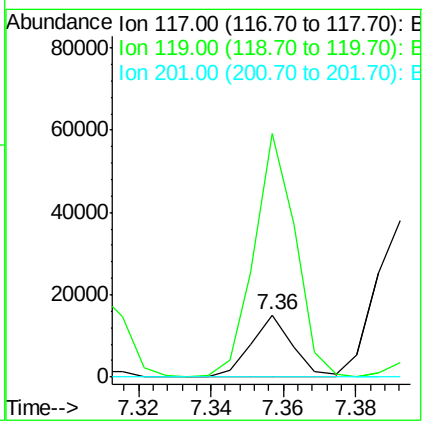


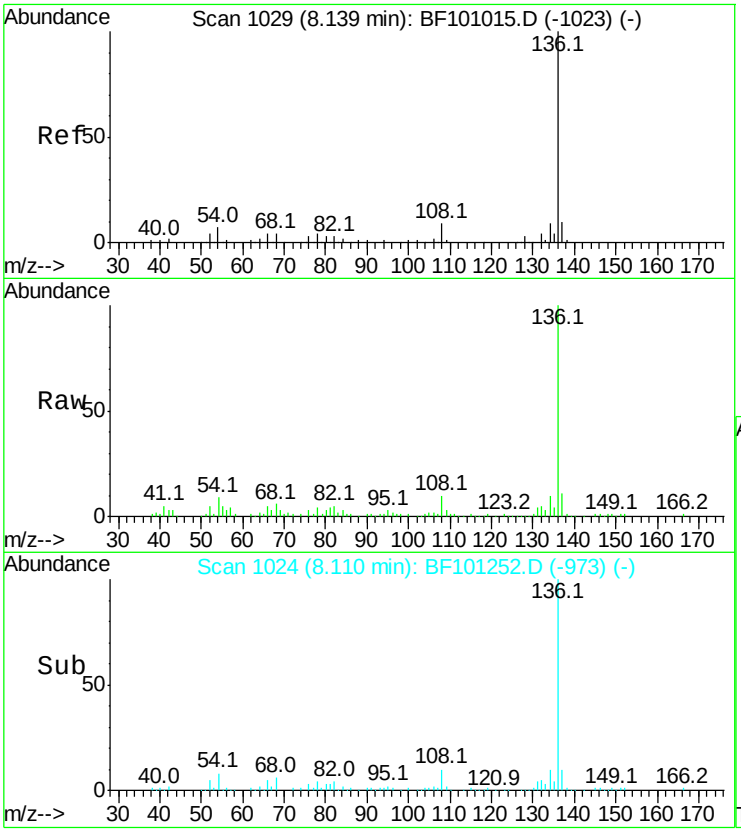


#18
Hexachloroethane
Concen: 11.666 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.02 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:117 Resp: 11838

Ion	Ratio	Lower	Upper
117	100		
119	391.9	75.8	113.8#
201	0.0	75.7	113.5#



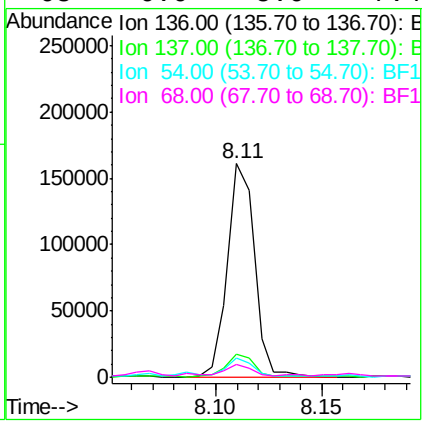


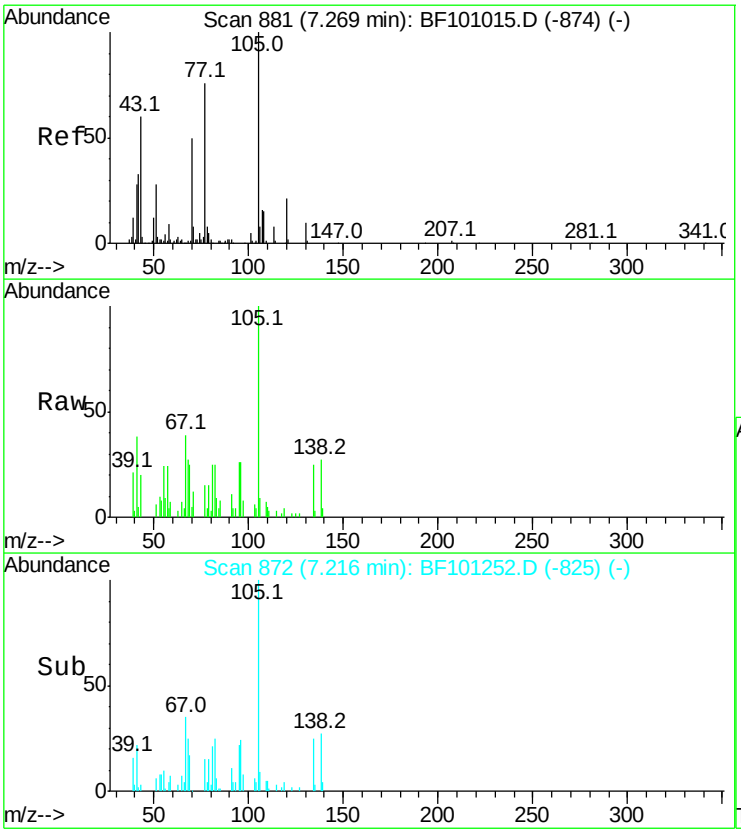
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 142494

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.7	6.6	9.8
68	6.0	5.0	7.4

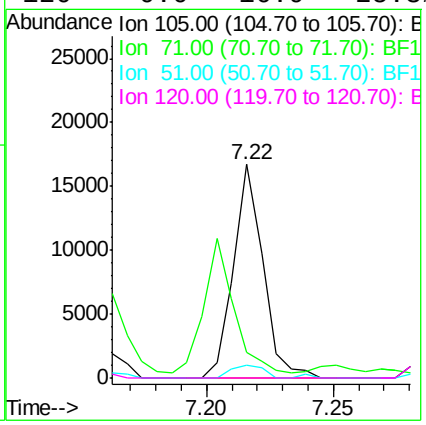


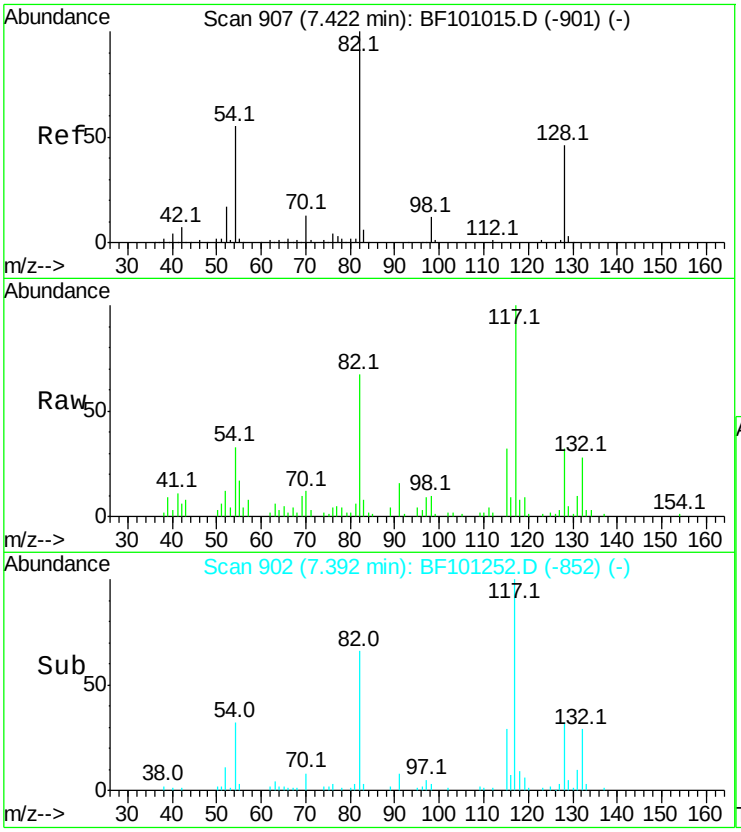


#22
Acetophenone
Concen: 3.923 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:105 Resp: 13505

Ion	Ratio	Lower	Upper
105	100		
71	12.1	4.4	6.6#
51	6.1	22.3	33.5#
120	0.0	16.9	25.3#



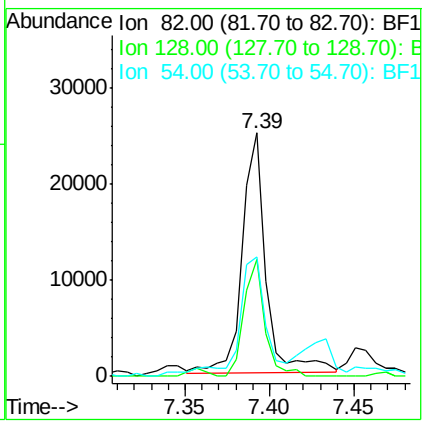


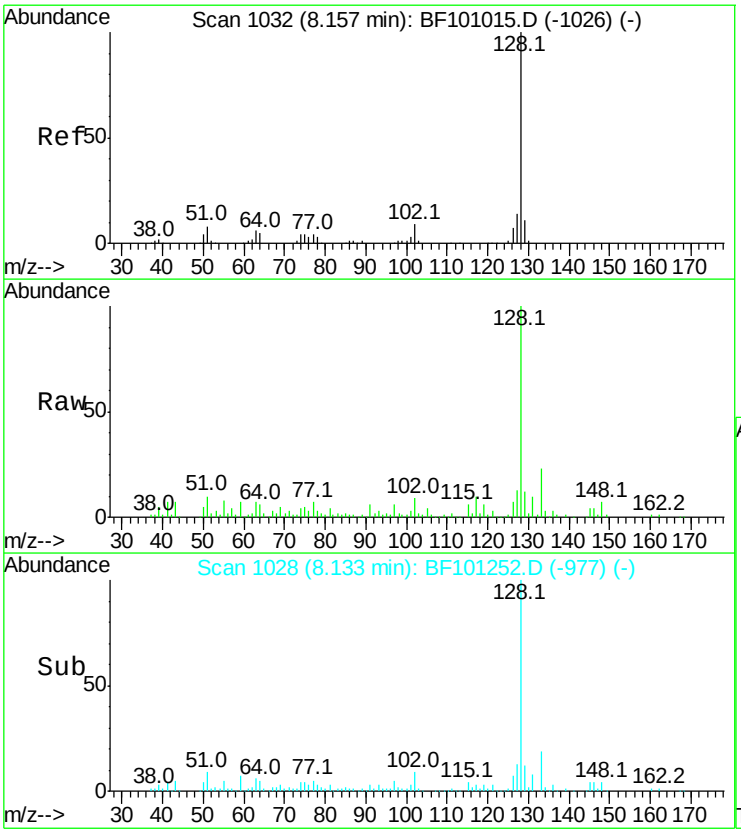
#23
Nitrobenzene-d5
Concen: 10.397 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 24836

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	48.9	41.4	62.2

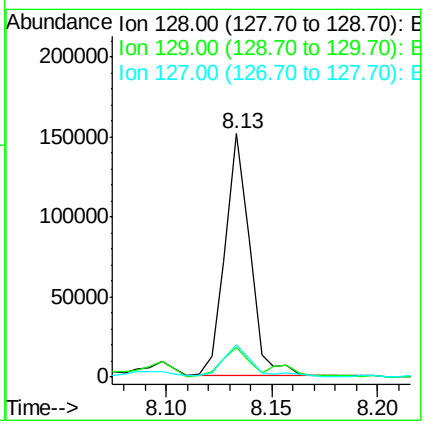


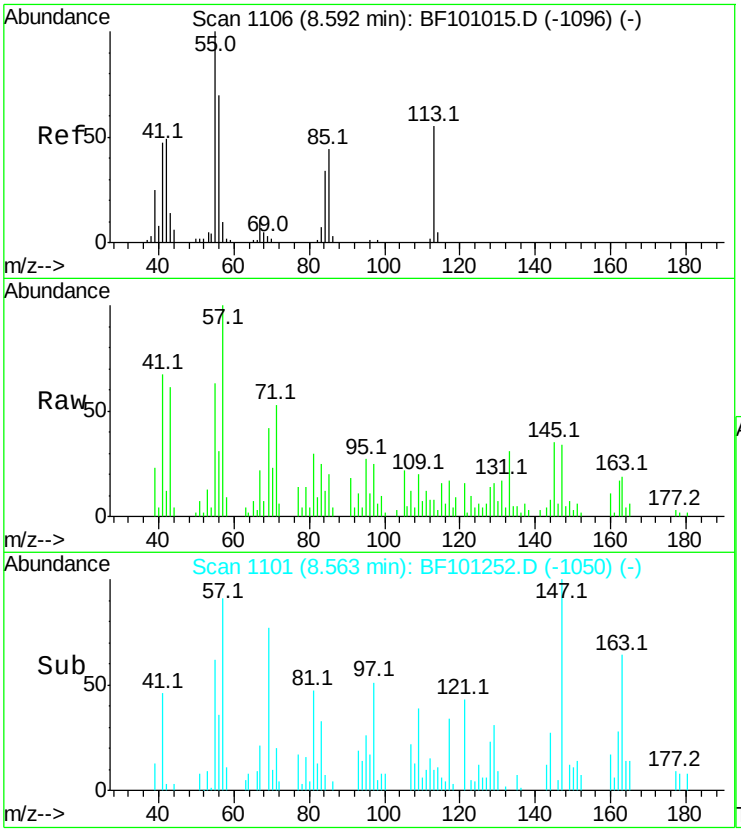


#31
Naphthalene
Concen: 17.594 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:128 Resp: 123562

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.8	13.2
127	13.5	10.9	16.3



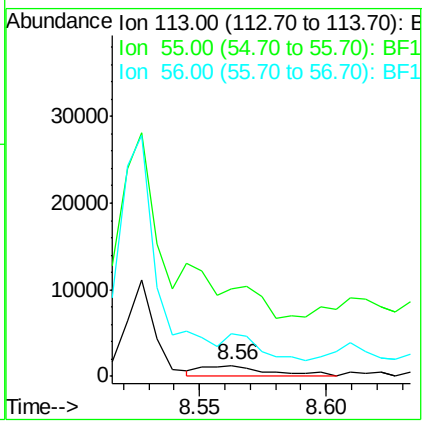


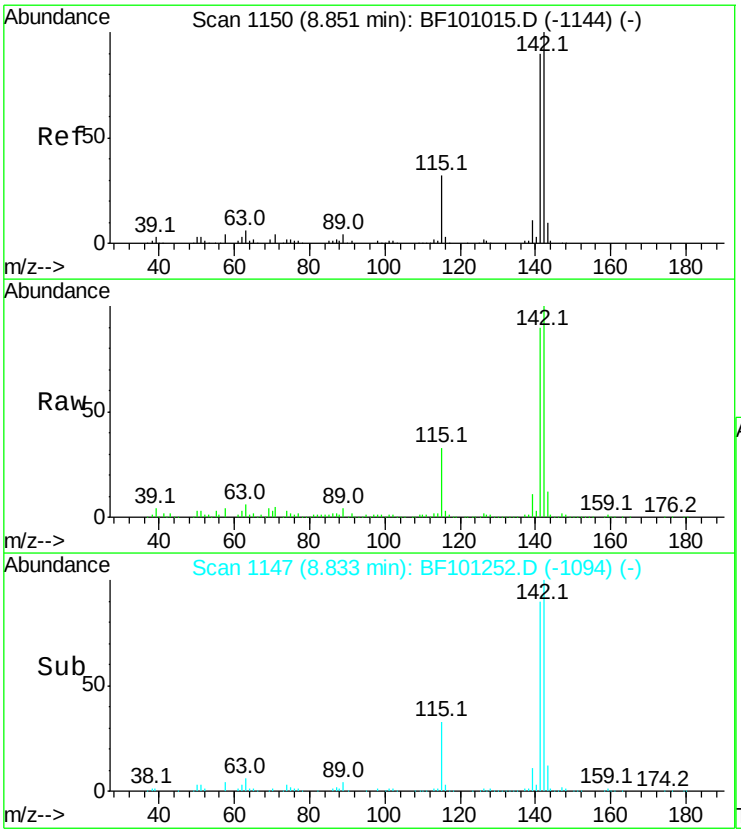
#35
Caprolactam
Concen: 3.574 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 2254

Ion	Ratio	Lower	Upper
113	100		
55	783.9	163.3	203.3#
56	383.1	115.7	155.7#

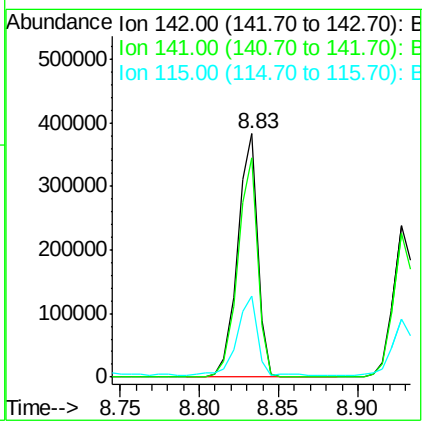


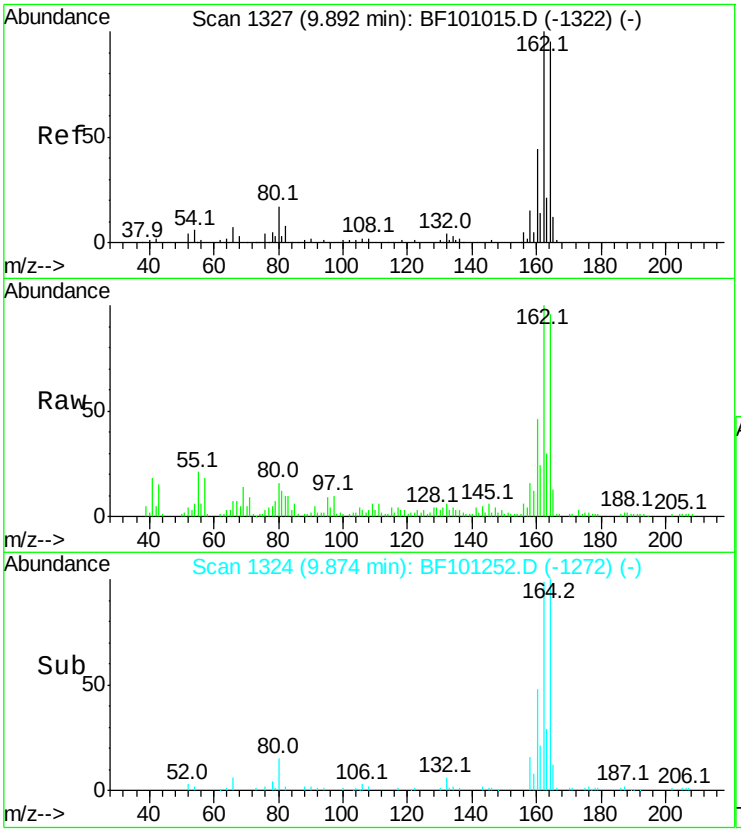


#37
2-Methylnaphthalene
Concen: 69.960 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:142 Resp: 333843

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	33.4	26.1	39.1



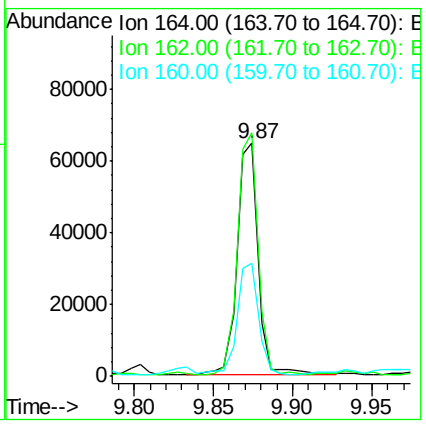


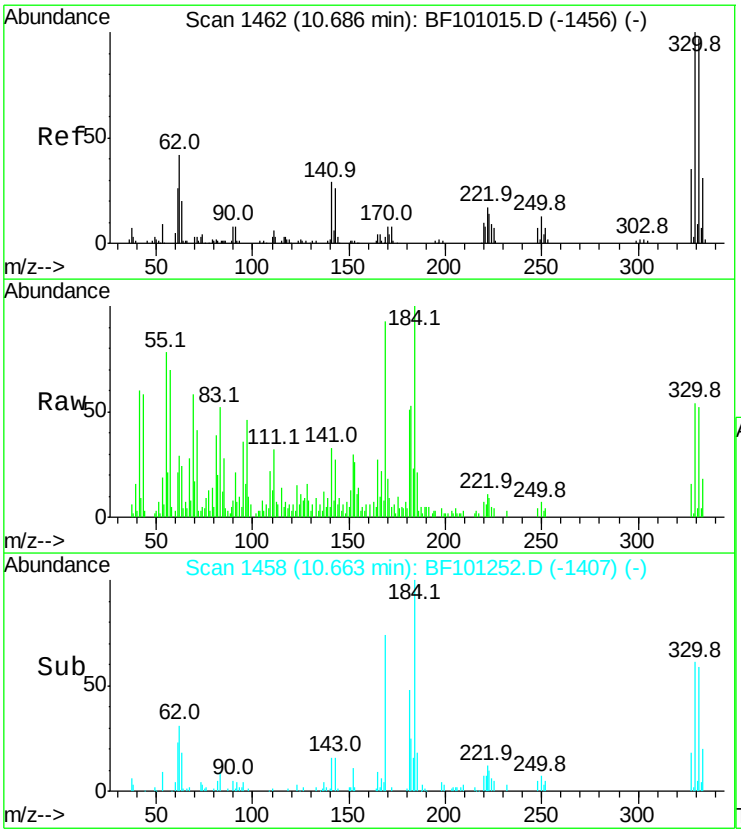
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 60122

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	48.4	38.3	57.5

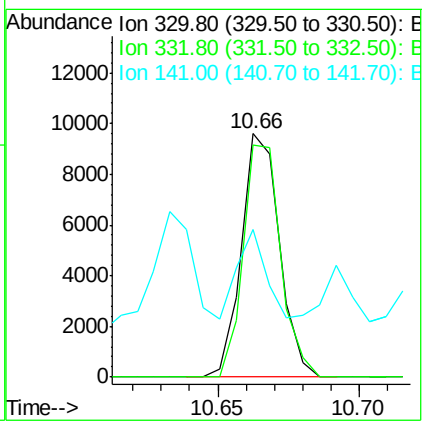


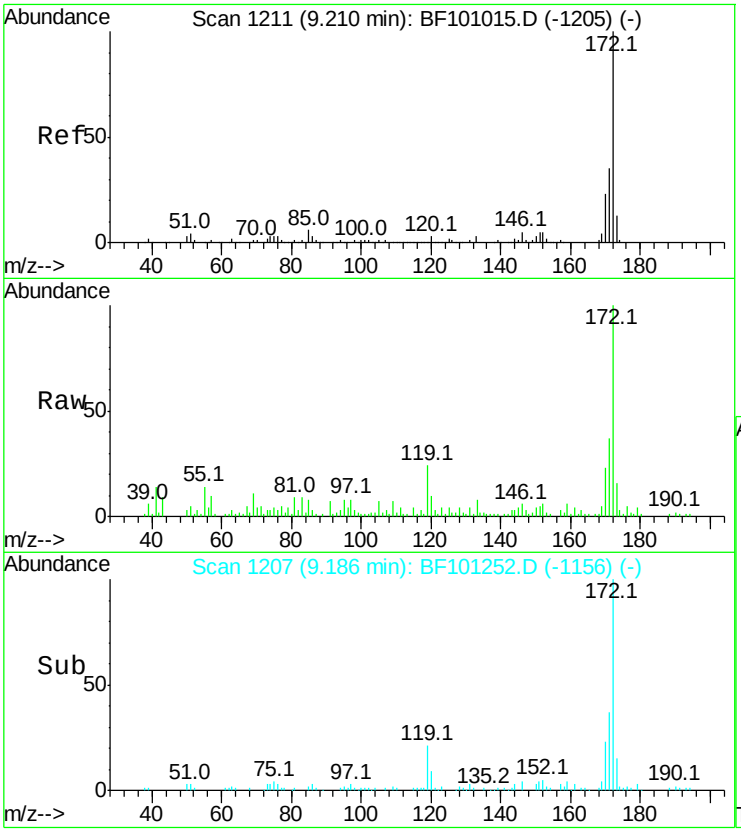


#41
2,4,6-Tribromophenol
Concen: 12.375 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:330 Resp: 8938

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	29.2	29.9	44.9#



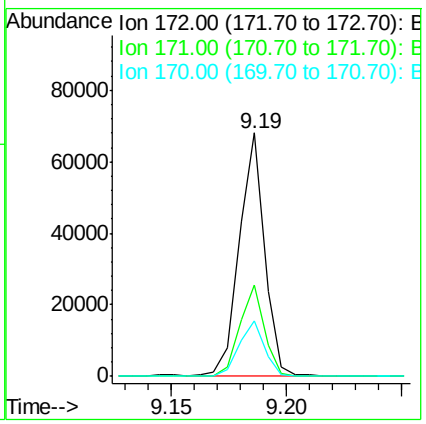


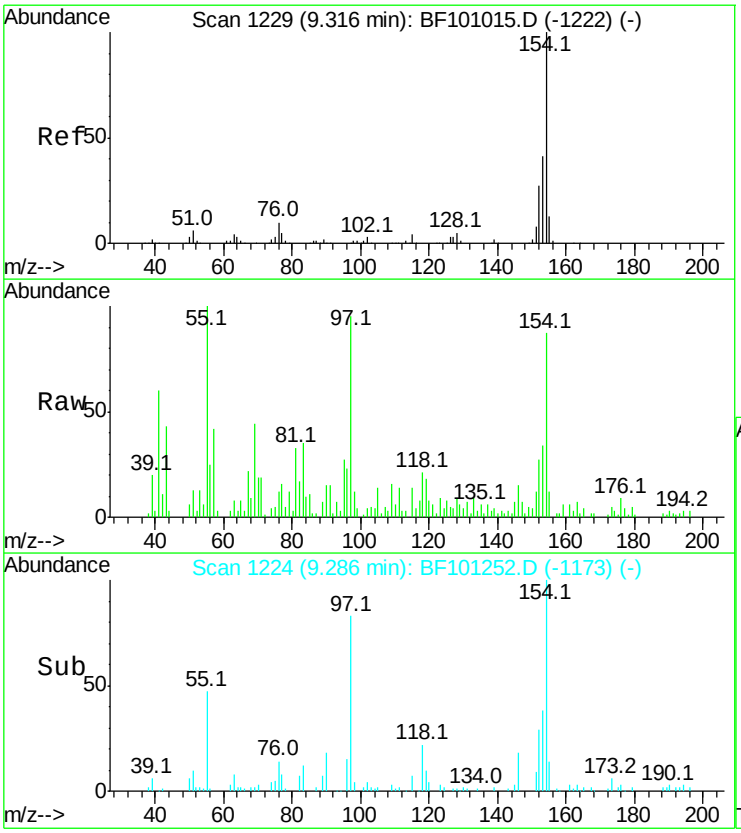
#44
2-Fluorobiphenyl
Concen: 11.901 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 52294

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	22.7	19.6	29.4

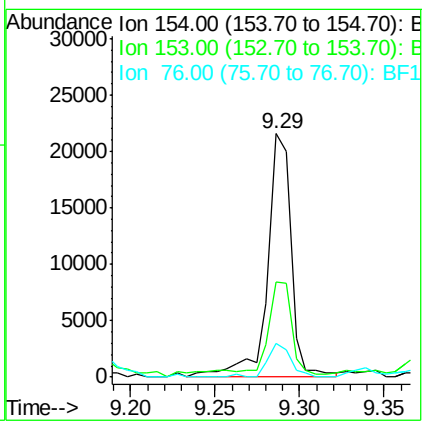


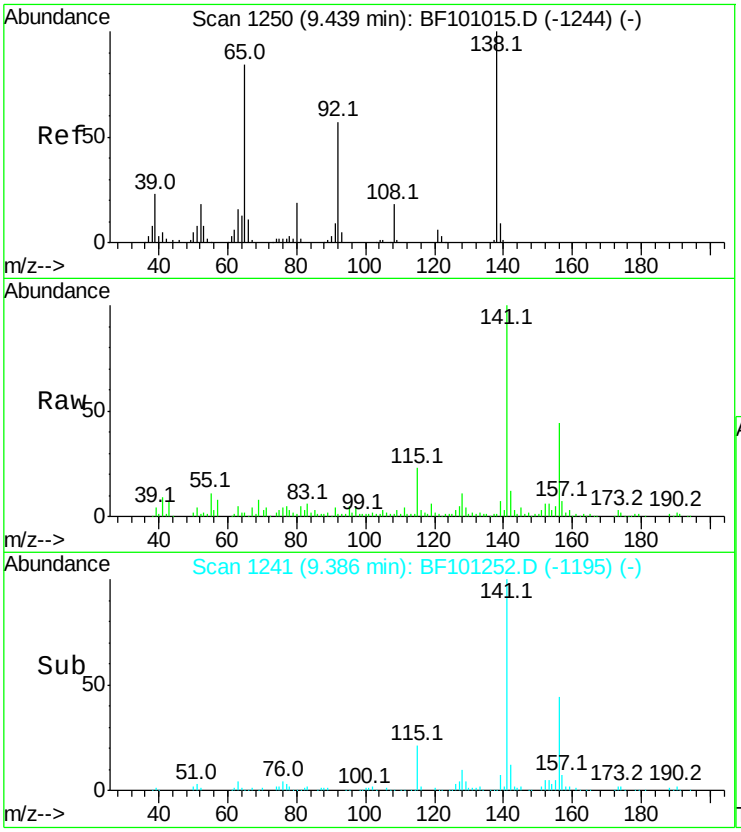


#45
1,1'-Biphenyl
Concen: 3.815 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:154 Resp: 21014

Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.3	61.3
76	13.7	0.0	34.0



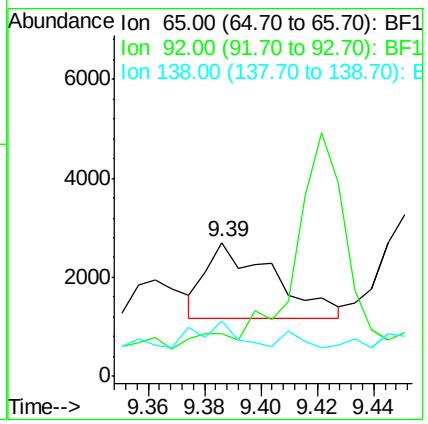


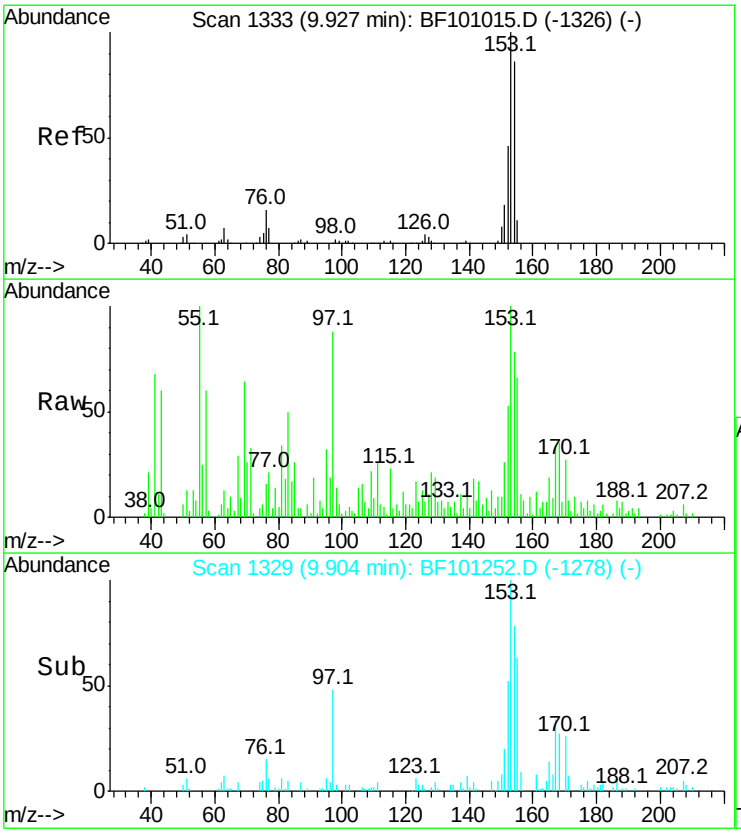
#47
2-Nitroaniline
Concen: 2.160 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.03 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2500

Ion	Ratio	Lower	Upper
65	100		
92	31.7	55.8	83.6#
138	41.8	91.2	136.8#

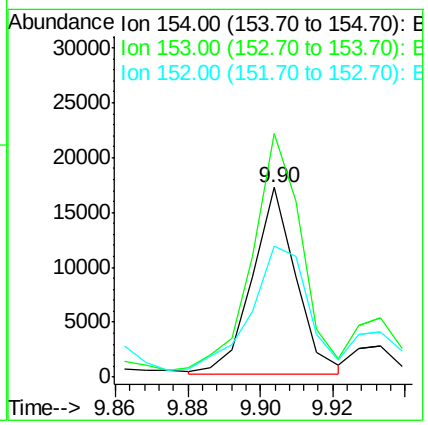


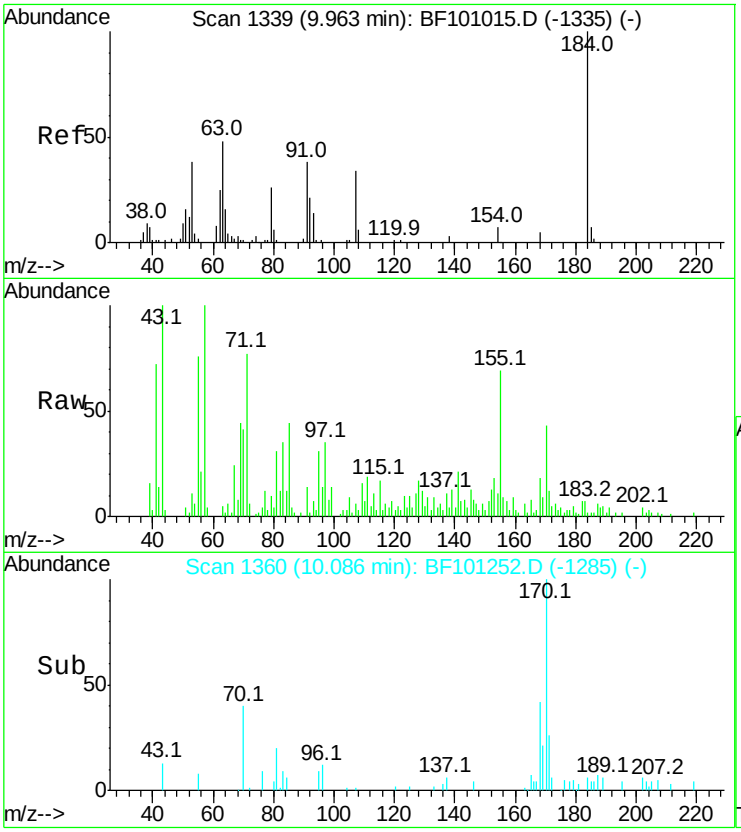


#51
Acenaphthene
Concen: 3.712 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:154 Resp: 14290

Ion	Ratio	Lower	Upper
154	100		
153	128.5	91.2	136.8
152	68.9	43.8	65.8#



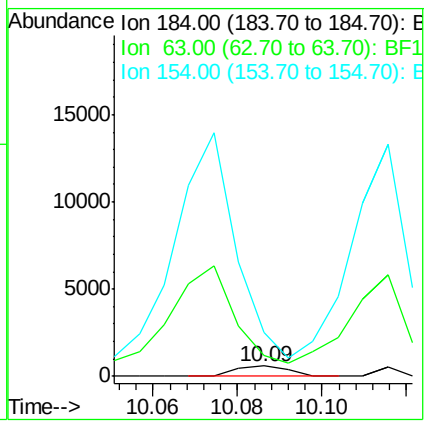


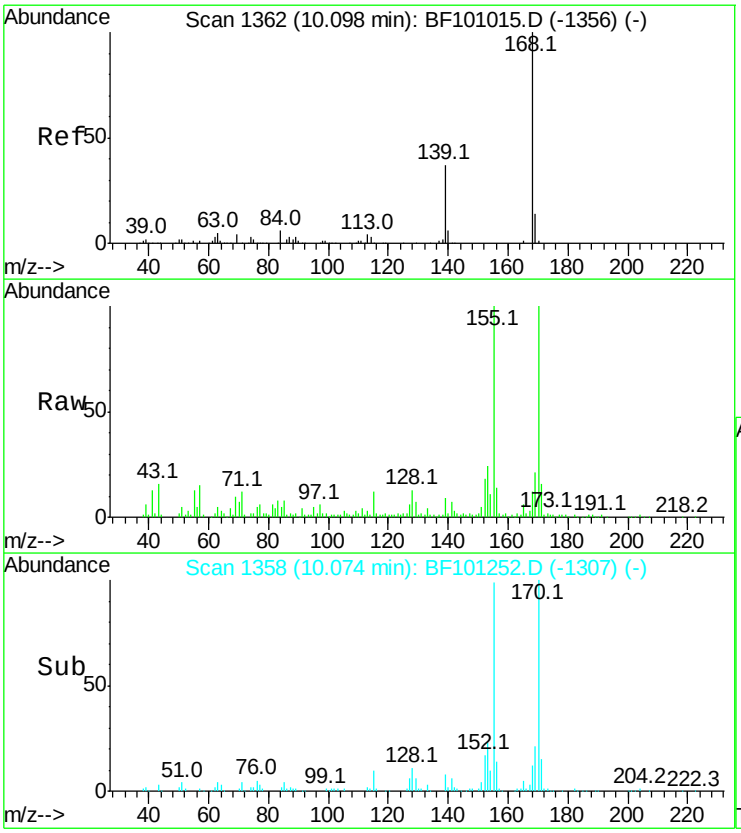
#53
2,4-Dinitrophenol
Concen: 5.738 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.14 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 509

Ion	Ratio	Lower	Upper
184	100		
63	202.9	54.2	81.2#
154	429.1	184.0	276.0#

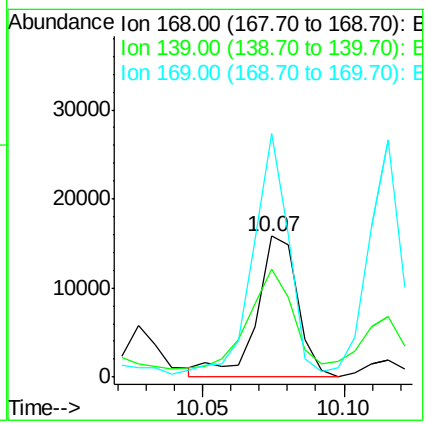


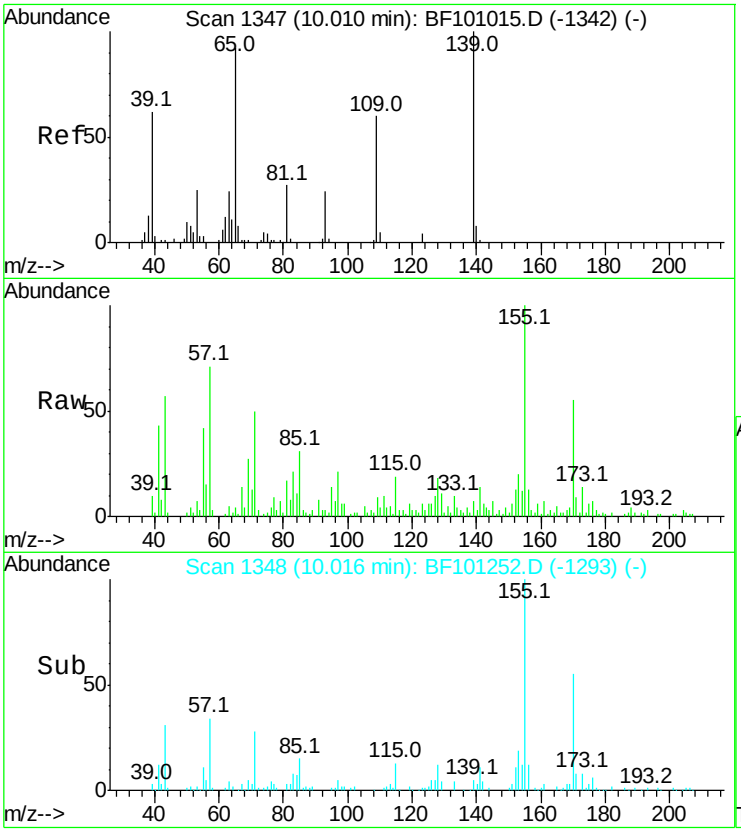


#54
Dibenzofuran
Concen: 2.888 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:168 Resp: 16020

Ion	Ratio	Lower	Upper
168	100		
139	76.6	30.1	45.1#
169	173.0	10.9	16.3#



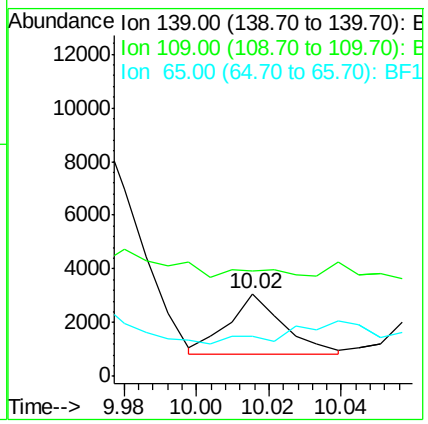


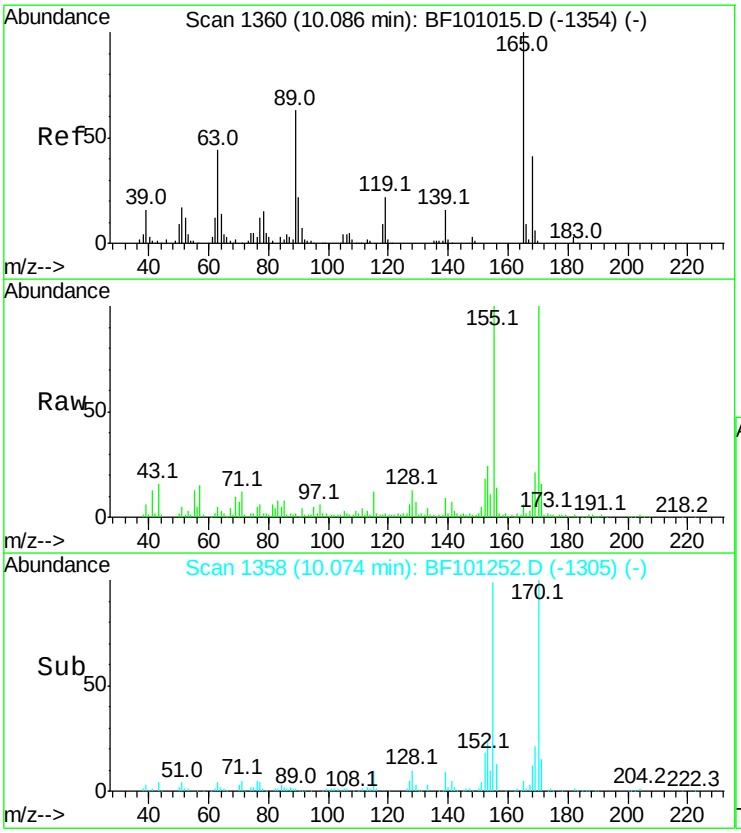
#55
4-Nitrophenol
Concen: 3.047 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 2360

Ion	Ratio	Lower	Upper
139	100		
109	128.3	48.4	88.4#
65	48.2	72.6	112.6#

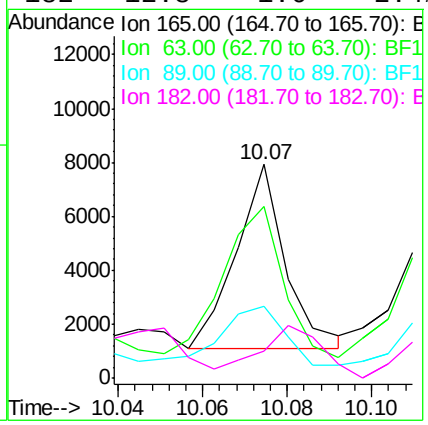


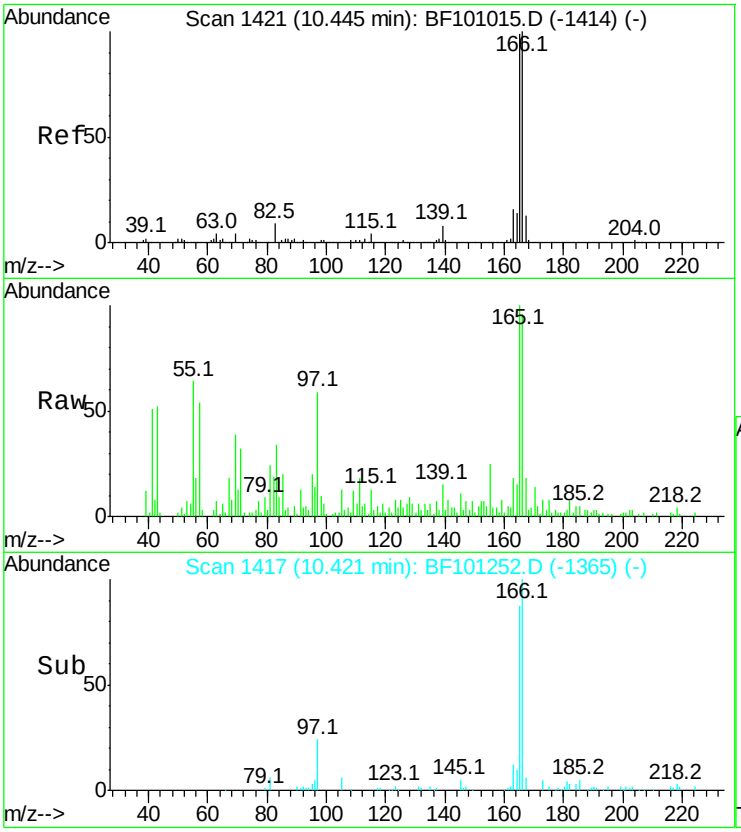


#56
2,4-Dinitrotoluene
Concen: 4.055 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:165 Resp: 5550

Ion	Ratio	Lower	Upper
165	100		
63	80.1	36.4	54.6#
89	33.5	57.8	86.6#
182	12.8	1.6	2.4#



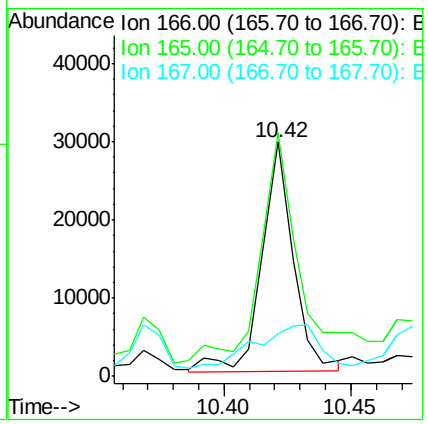


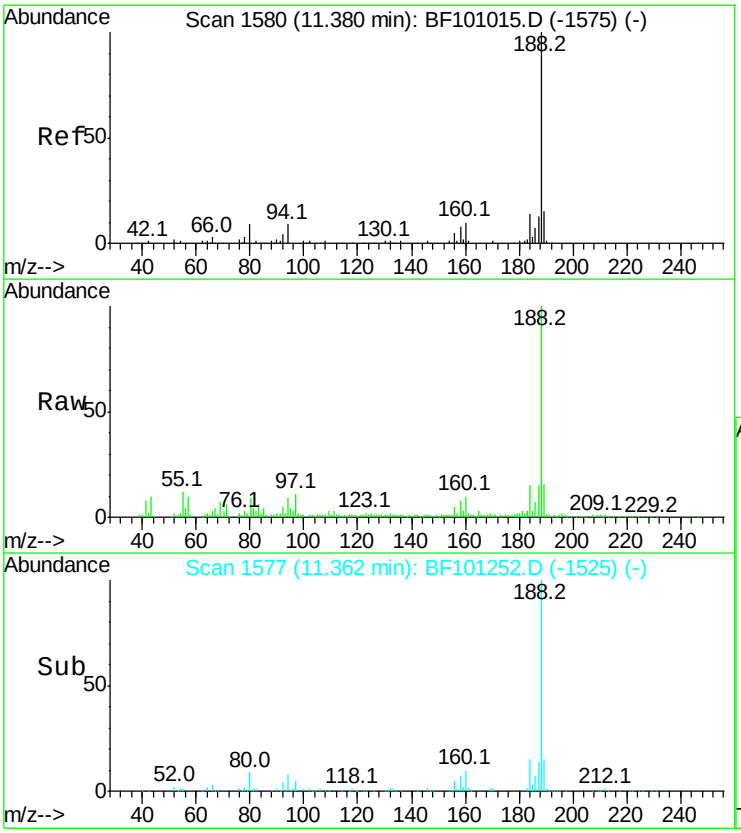
#57
Fluorene
Concen: 5.749 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 25925

Ion	Ratio	Lower	Upper
166	100		
165	103.8	79.8	119.8
167	18.3	10.6	16.0#

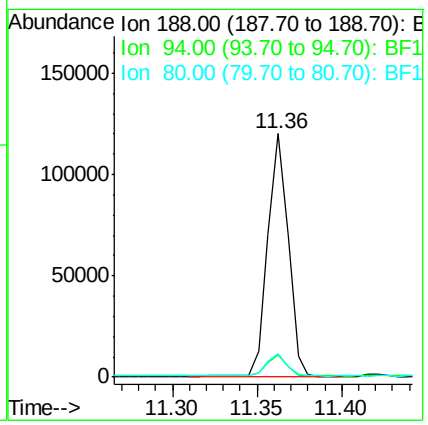


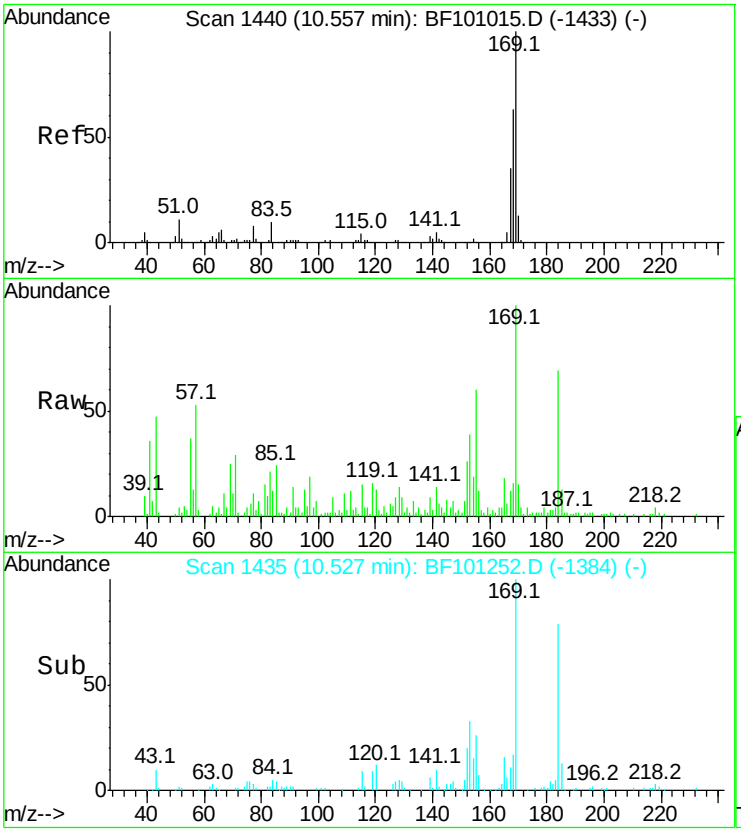


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:188 Resp: 102434

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.5	9.2	13.8



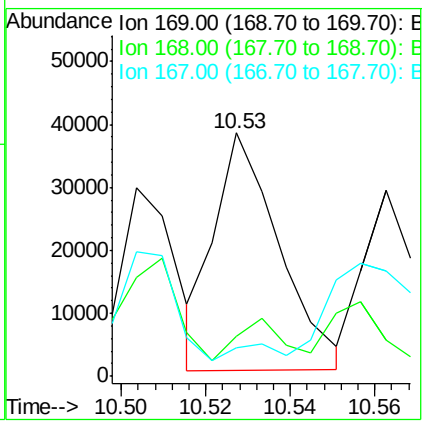


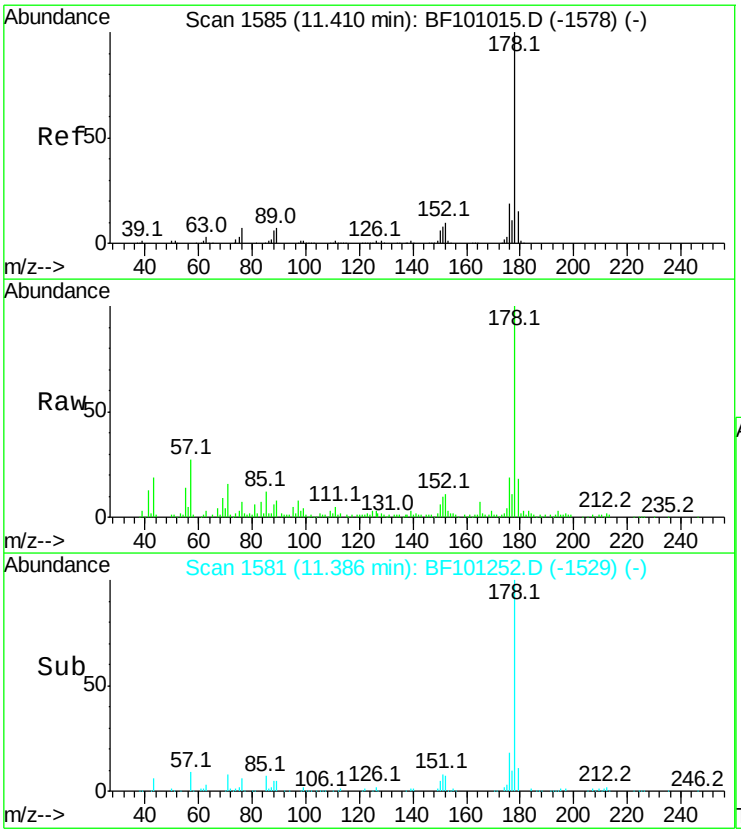
#65
n-Nitrosodiphenylamine
Concen: 11.101 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 40118

Ion	Ratio	Lower	Upper
169	100		
168	16.4	54.4	81.6#
167	11.5	29.8	44.6#

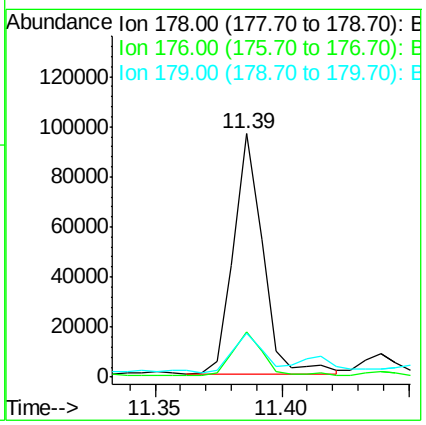


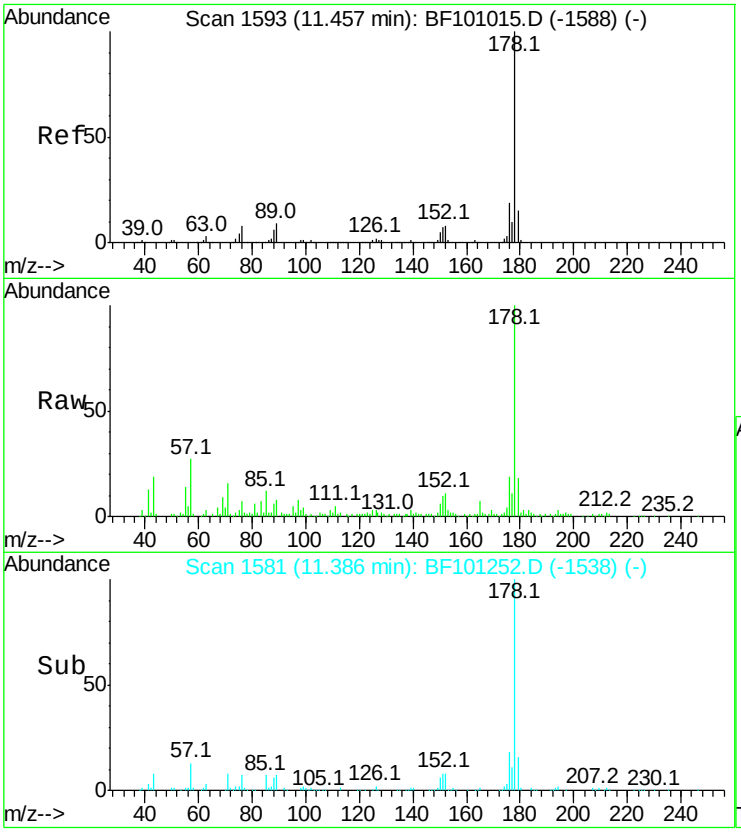


#70
Phenanthrene
Concen: 13.558 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:178 Resp: 76483

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	18.0	13.0	19.6



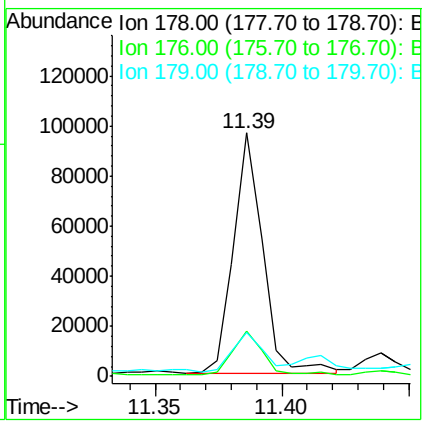


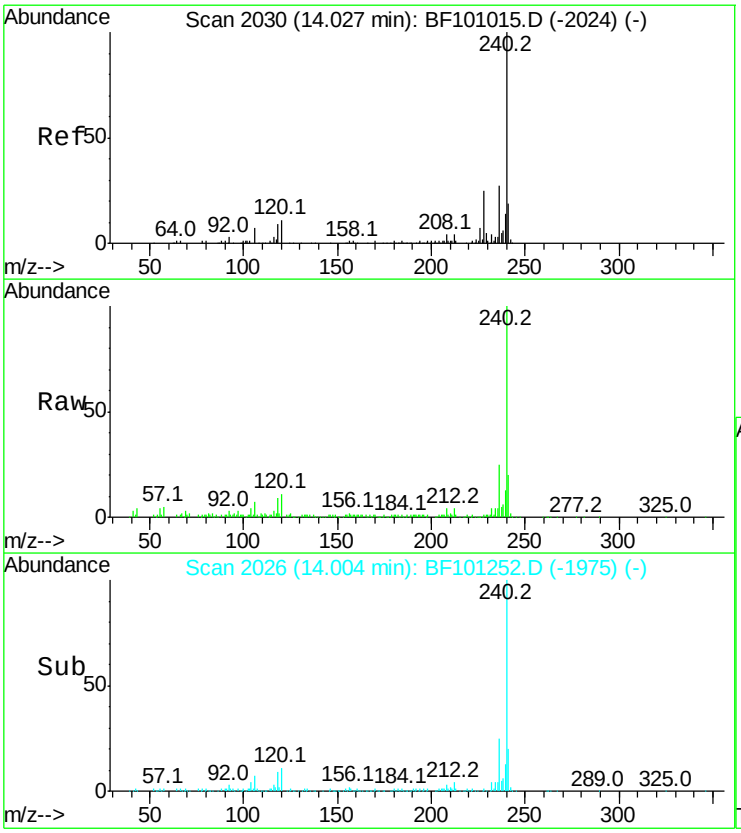
#71
Anthracene
Concen: 13.371 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.05 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 76335

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	18.0	12.6	19.0

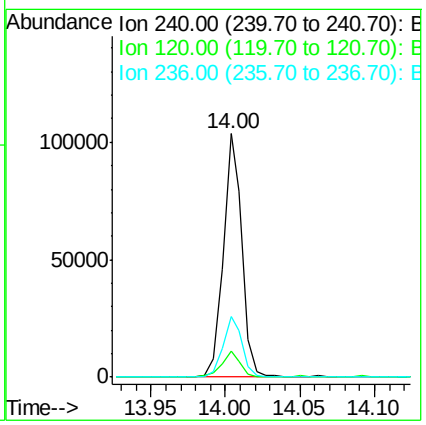


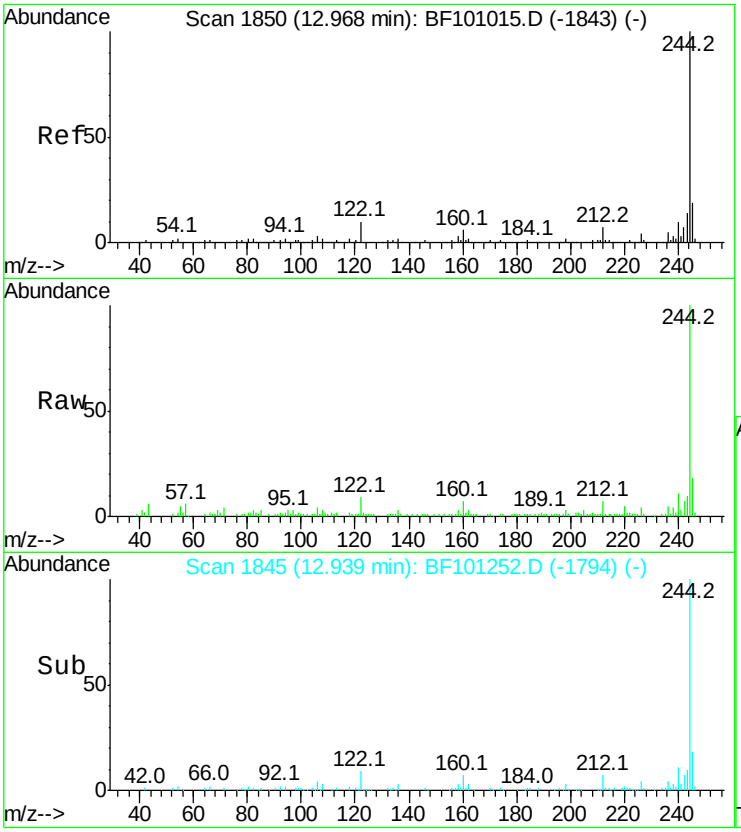


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:240 Resp: 91214

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	24.8	20.7	31.1



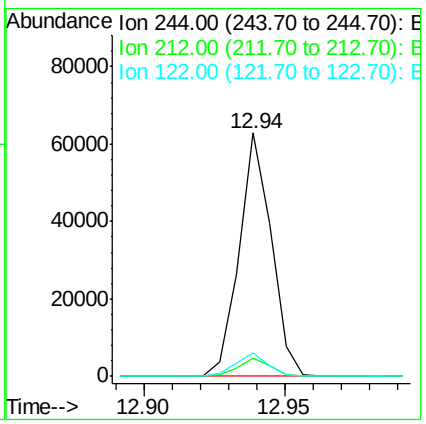


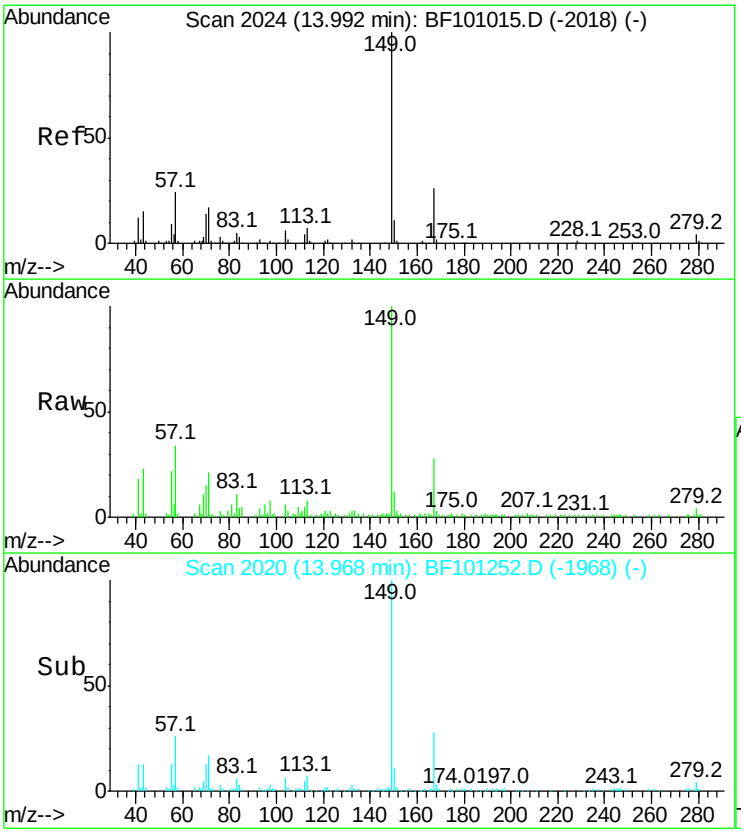
#78
Terphenyl-d14
Concen: 11.871 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 49505

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	9.4	11.0	16.4#

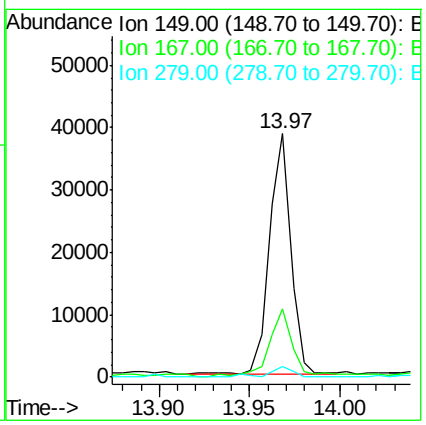


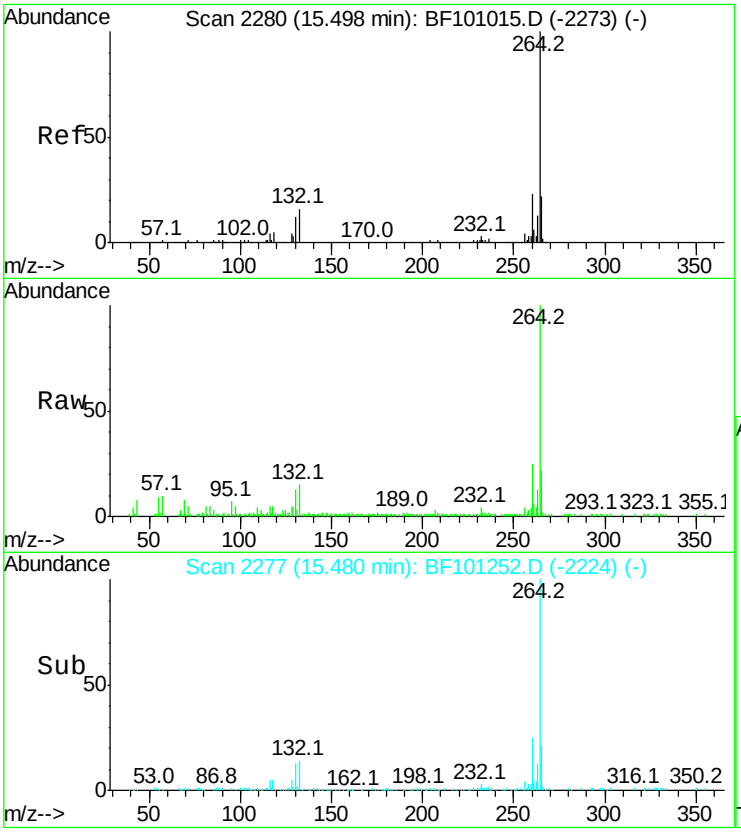


#83
Bis(2-ethylhexyl)phthalate
Concen: 8.005 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:149 Resp: 31674

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	4.3	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 71802

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.8	17.5	26.3