Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101216.D
Acq On : 7 Dec 2017 20:13
Operator : SJ/JU
Sample : I6742-01DL 25X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 07 23:47:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	40298	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	144025	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	59970	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	101804	20.00	ng		0.00
75) Chrysene-d12	14.02	240	87220	20.00	ng		0.00
86) Perylene-d12	15.50	264	68966	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	6188	2.54	ng		0.00
7) Phenol-d6	6.49	99	4326	1.46	ng		0.00
23) Nitrobenzene-d5	7.40	82	9486	3.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	3591	4.98	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	23705	5.41	ng		-0.01
78) Terphenyl-d14	12.96	244	20730	5.20	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.37	117	5099	4.951	ng	#	1
28) bis(2-Chloroethoxy)methane	8.00	93	7349	2.651	ng		91
31) Naphthalene	8.15	128	54425	7.667	ng	#	95
33) 4-Chloroaniline	8.15	127	8988	3.151	ng	#	48
35) Caprolactam	8.54	113	4098	6.429	ng	#	27
37) 2-Methylnaphthalene	8.84	142	154777	32.090	ng		99
47) 2-Nitroaniline	9.47	65	2541	2.201	ng	#	28
53) 2,4-Dinitrophenol	10.10	184	144	5.085	ng	#	74
55) 4-Nitrophenol	9.99	139	4930	6.381	ng	#	58
56) 2,4-Dinitrotoluene	10.09	165	2803	2.053	ng	#	54
57) Fluorene	10.43	166	11724	2.606	ng	#	98
65) n-Nitrosodiphenylamine	10.54	169	19068	5.309	ng	#	43
70) Phenanthrene	11.40	178	34295	6.117	ng		97
71) Anthracene	11.40	178	34470	6.075	ng		96
83) Bis(2-ethylhexyl)phthalate	13.99	149	13634	3.604	ng	#	97

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
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Acq On : 7 Dec 2017 20:13
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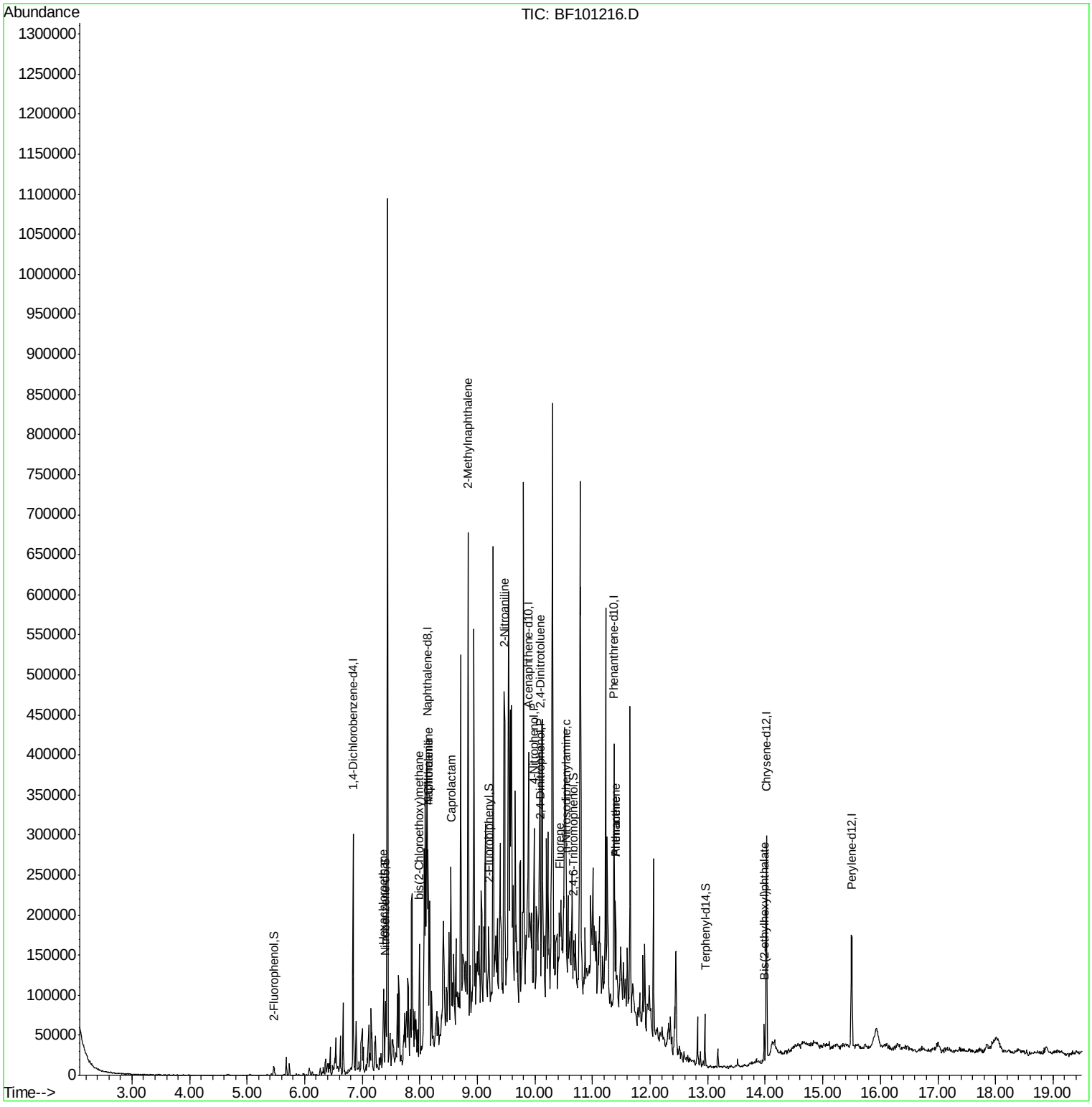
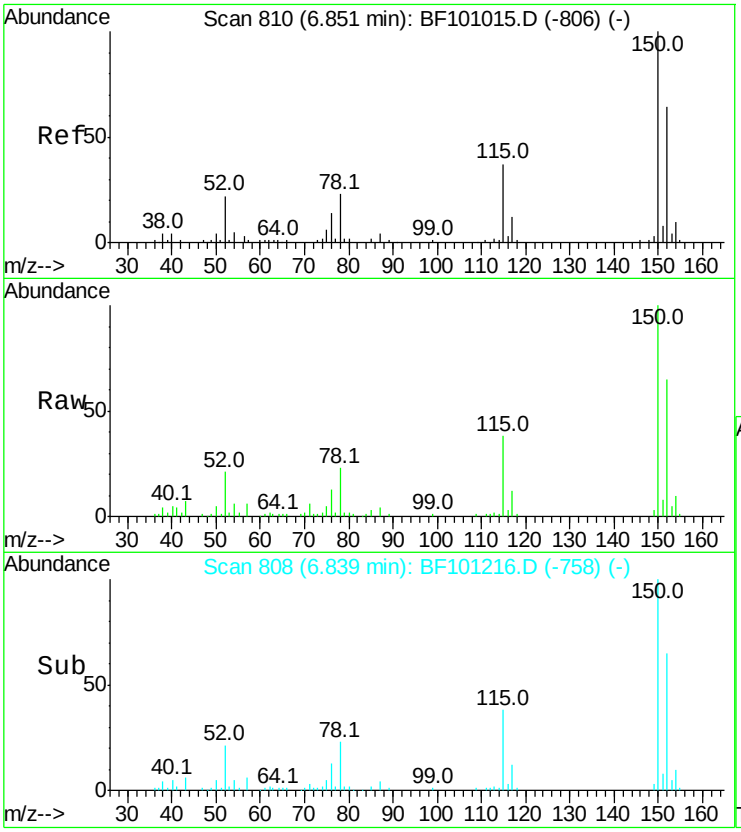
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration



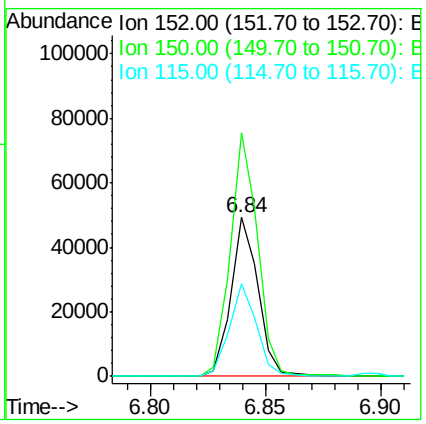


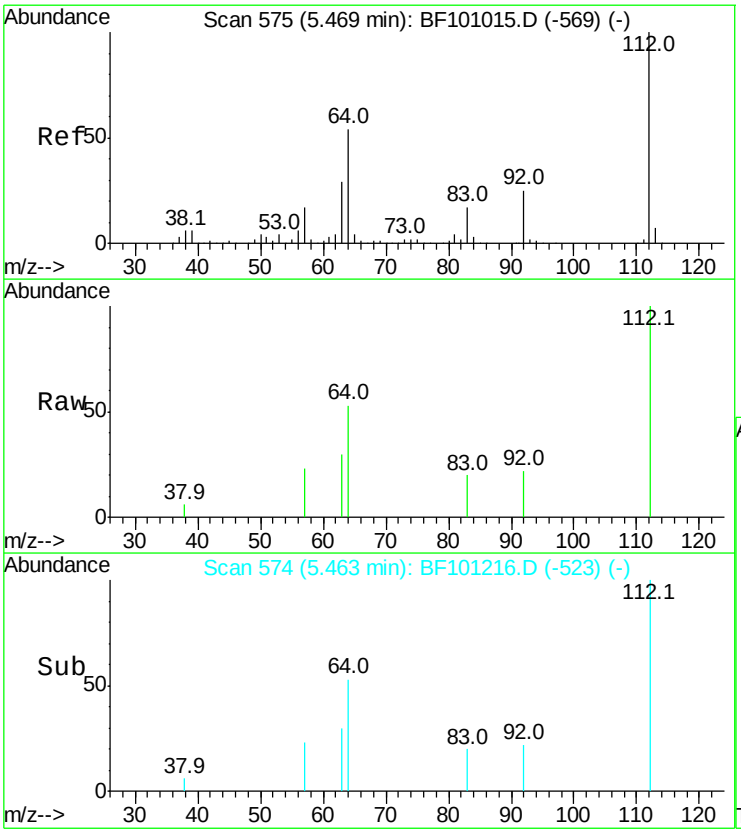
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 40298

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	58.1	50.1	75.1

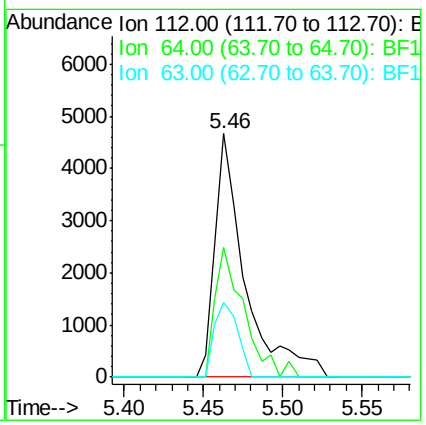


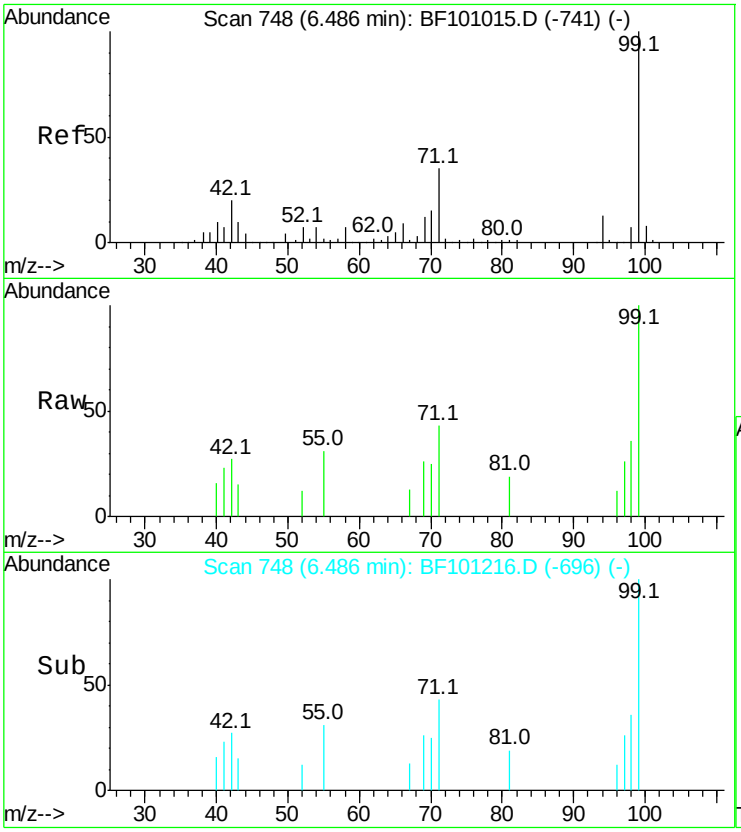


#5
2-Fluorophenol
Concen: 2.537 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:112 Resp: 6188

Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	30.5	23.7	35.5



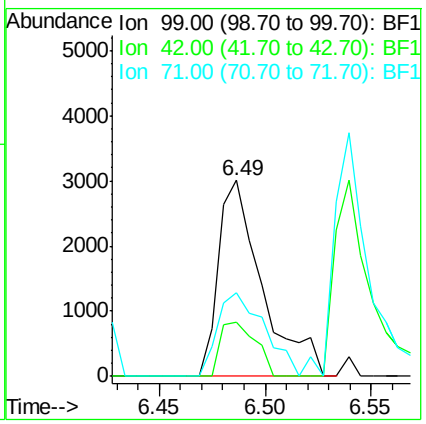


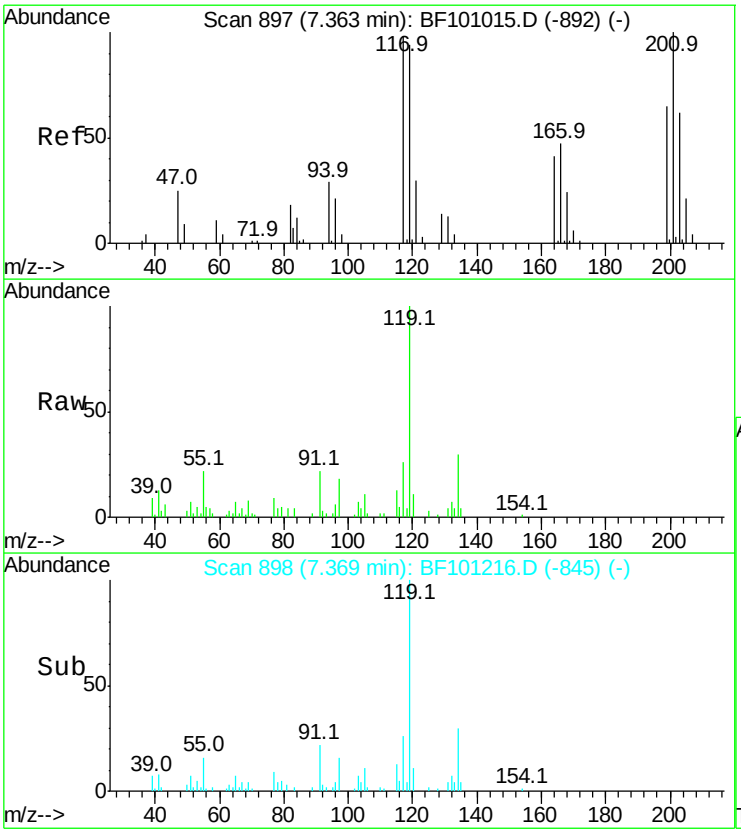
#7
Phenol-d6
Concen: 1.461 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 4326

Ion	Ratio	Lower	Upper
99	100		
42	27.4	14.5	21.7#
71	42.7	25.4	38.0#

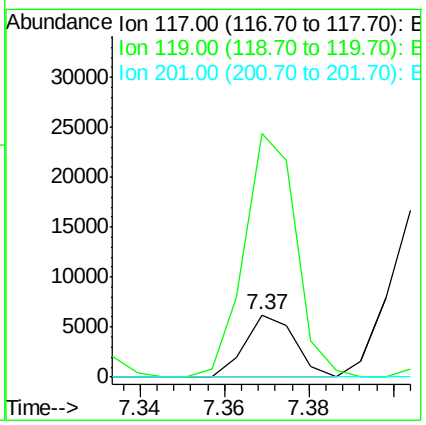


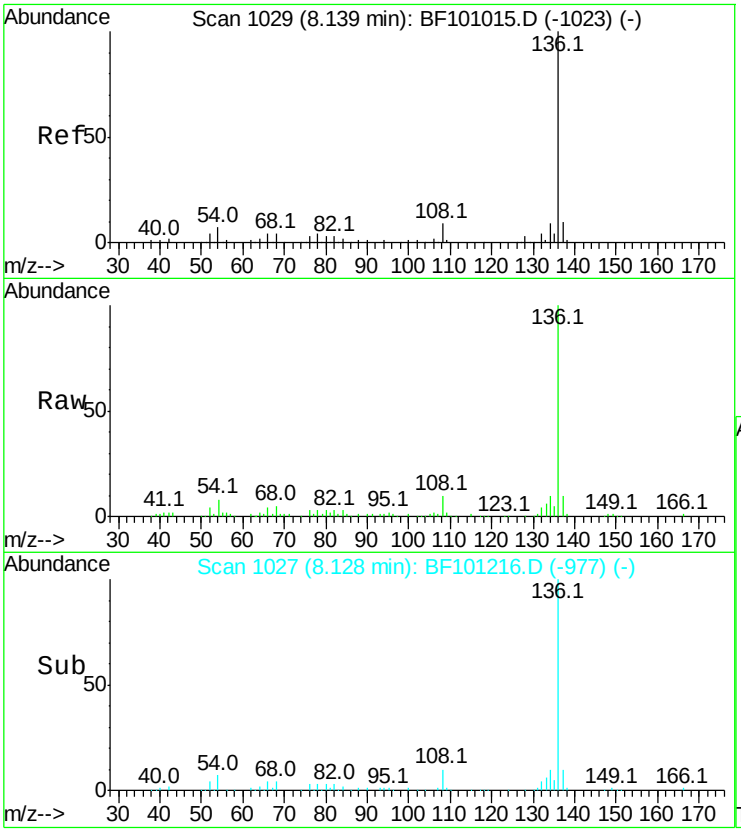


#18
Hexachloroethane
Concen: 4.951 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:117 Resp: 5099

Ion	Ratio	Lower	Upper
117	100		
119	391.5	75.8	113.8#
201	0.0	75.7	113.5#



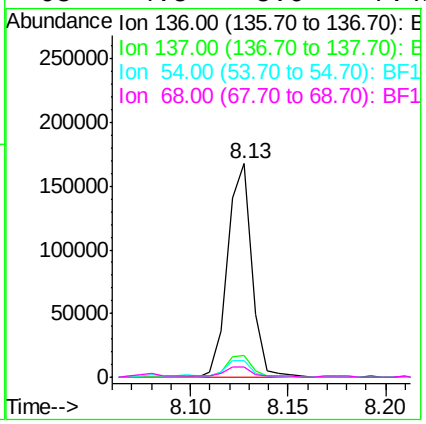


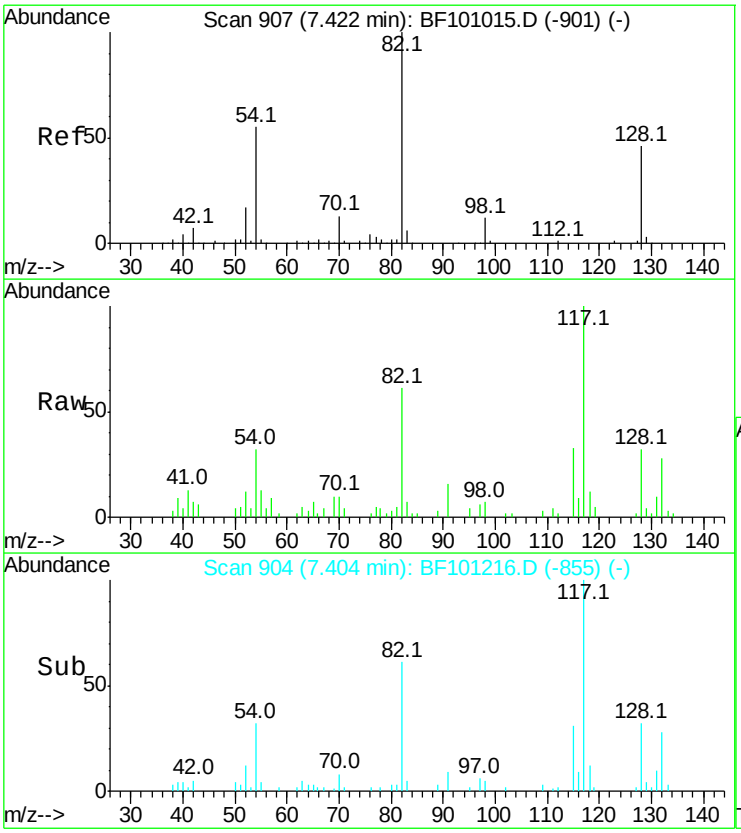
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 144025

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.5	6.6	9.8
68	4.5	5.0	7.4#

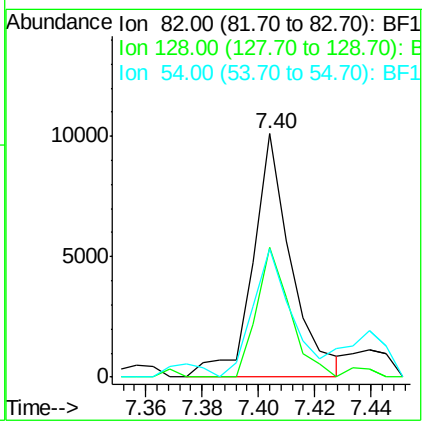


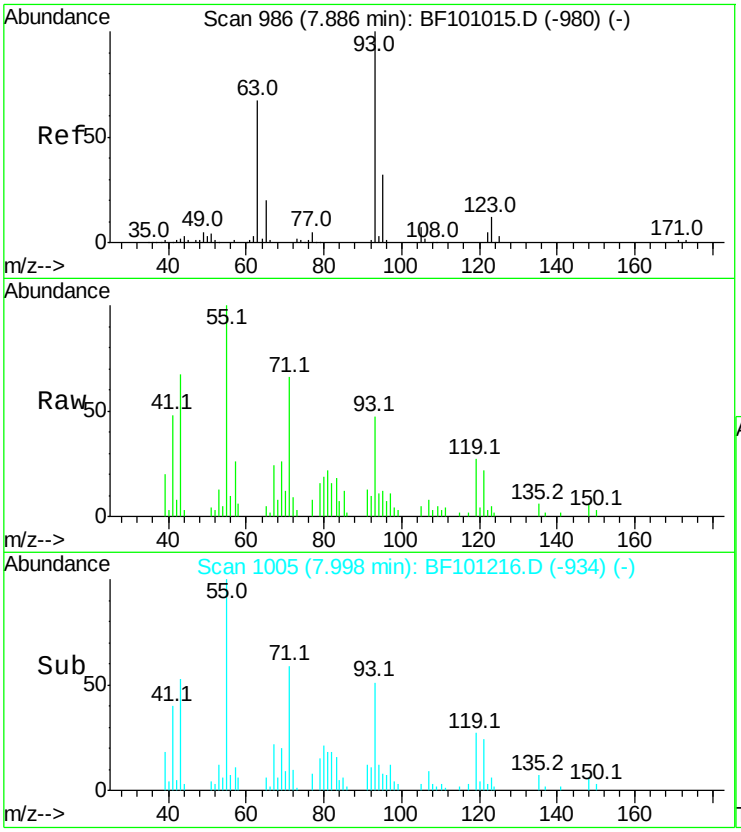


#23
Nitrobenzene-d5
Concen: 3.929 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion: 82 Resp: 9486

Ion	Ratio	Lower	Upper
82	100		
128	53.0	36.1	54.1
54	52.9	41.4	62.2



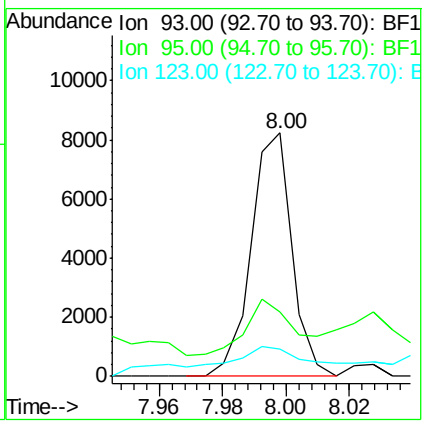


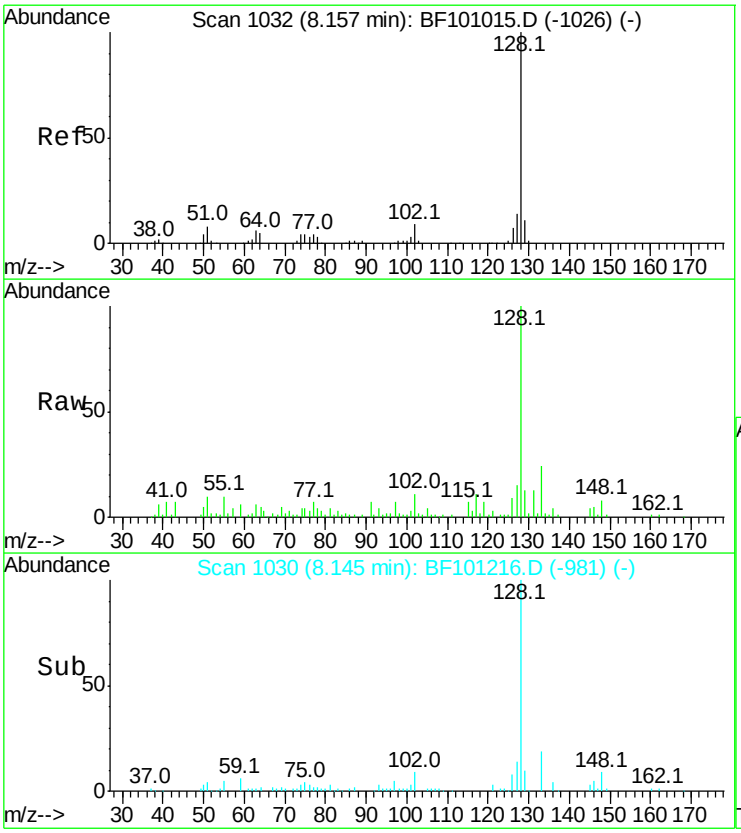
#28
bis(2-Chloroethoxy)methane
Concen: 2.651 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.12 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 7349

Ion	Ratio	Lower	Upper
93	100		
95	26.4	26.3	39.5
123	11.4	9.8	14.6

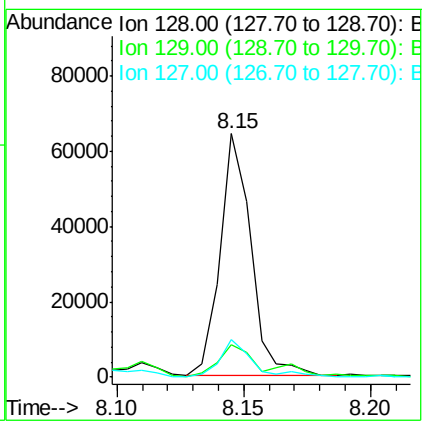


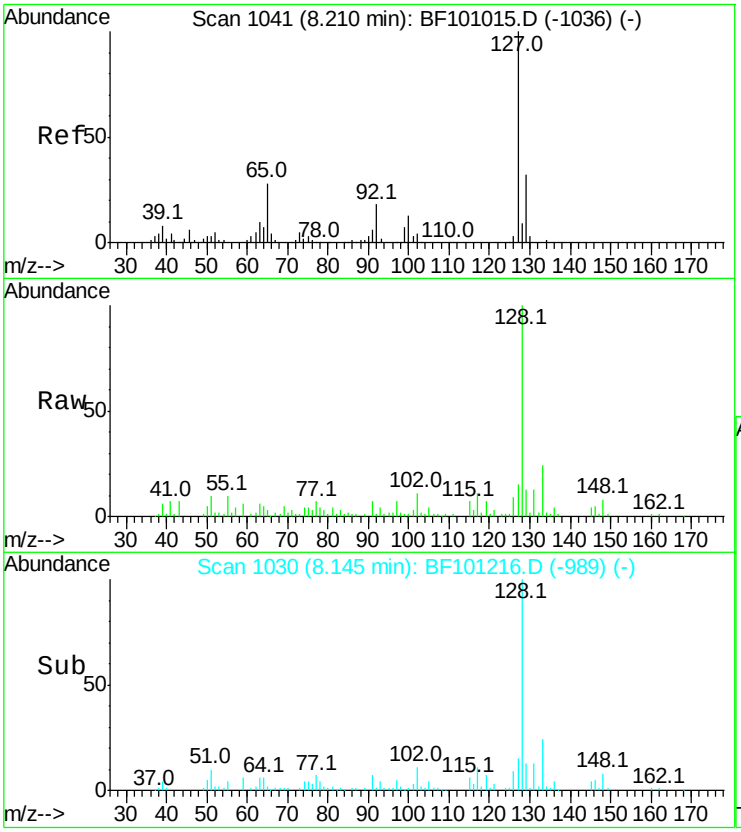


#31
Naphthalene
Concen: 7.667 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:128 Resp: 54425

Ion	Ratio	Lower	Upper
128	100		
129	13.5	8.8	13.2#
127	15.3	10.9	16.3



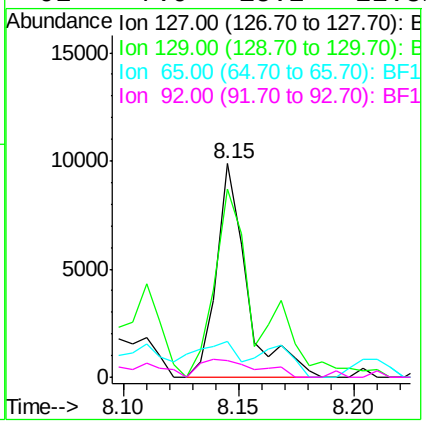


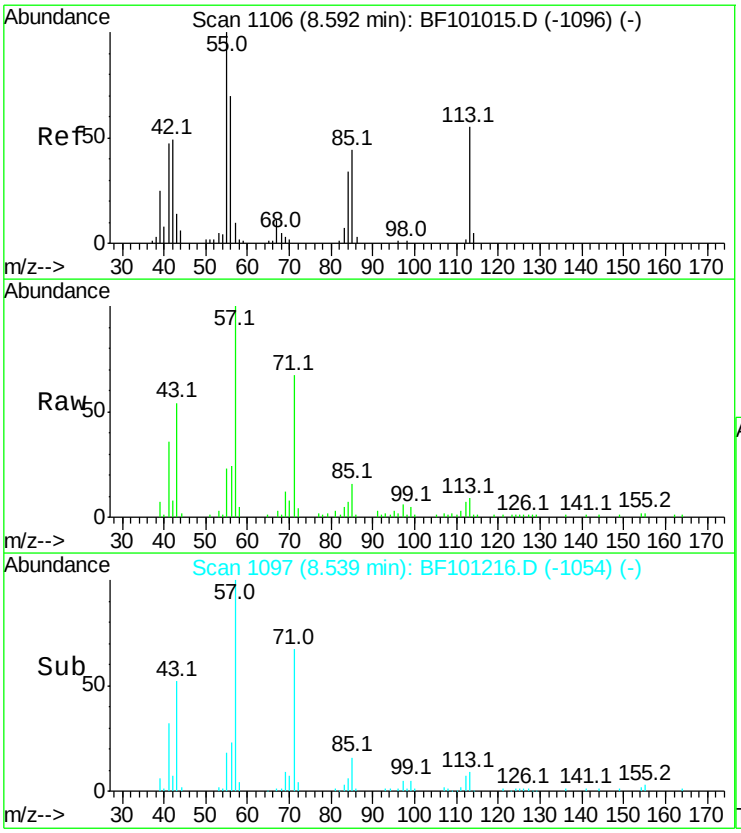
#33
4-Chloroaniline
Concen: 3.151 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 8988

Ion	Ratio	Lower	Upper
127	100		
129	88.3	25.9	38.9#
65	20.0	25.0	37.4#
92	7.9	15.2	22.8#

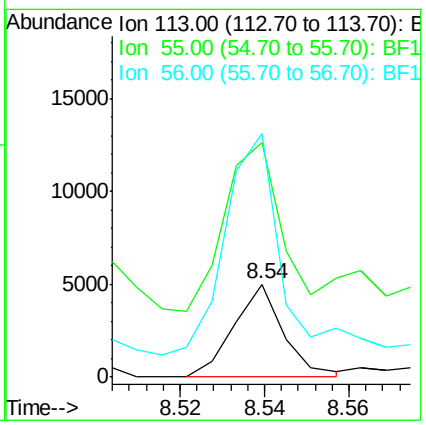


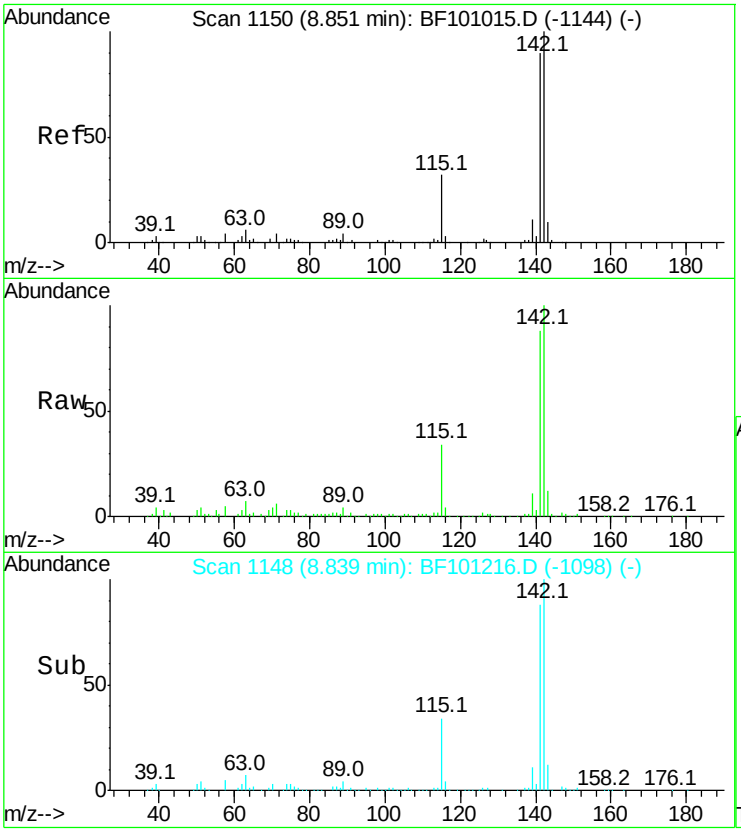


#35
Caprolactam
Concen: 6.429 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.05 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:113 Resp: 4098

Ion	Ratio	Lower	Upper
113	100		
55	252.9	163.3	203.3#
56	261.9	115.7	155.7#



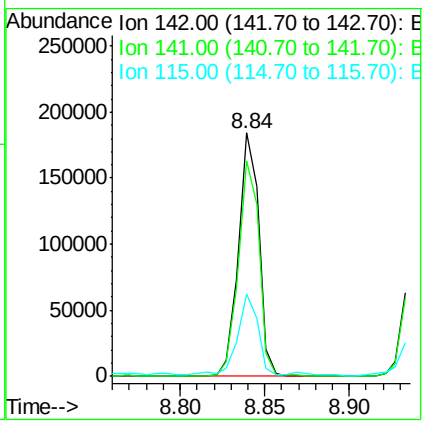


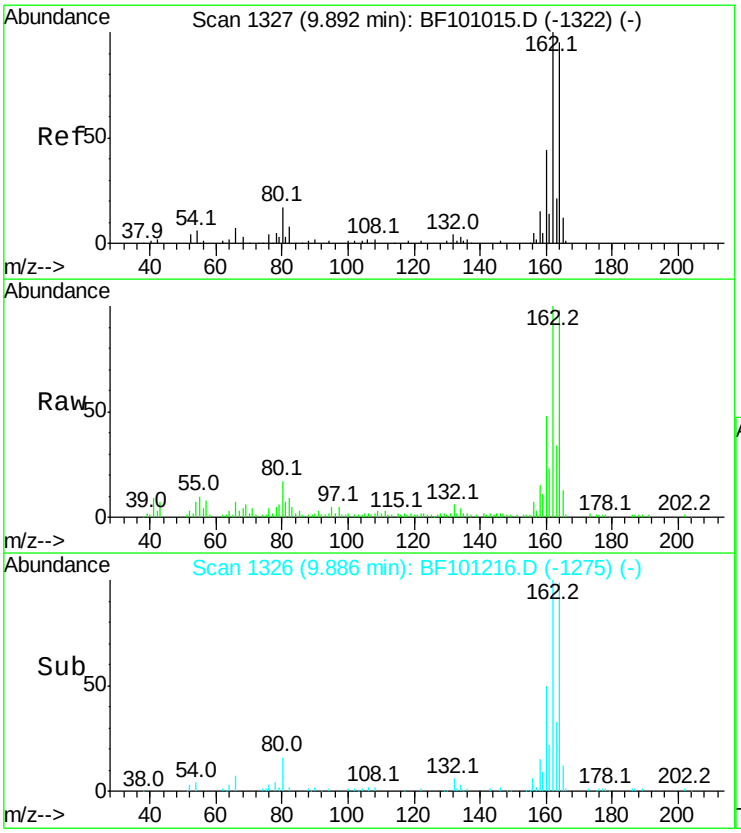
#37
2-Methylnaphthalene
Concen: 32.090 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 154777

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	33.9	26.1	39.1

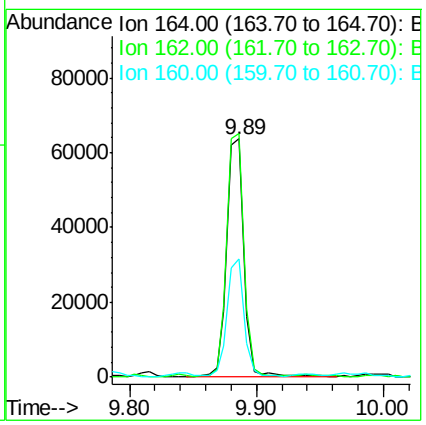


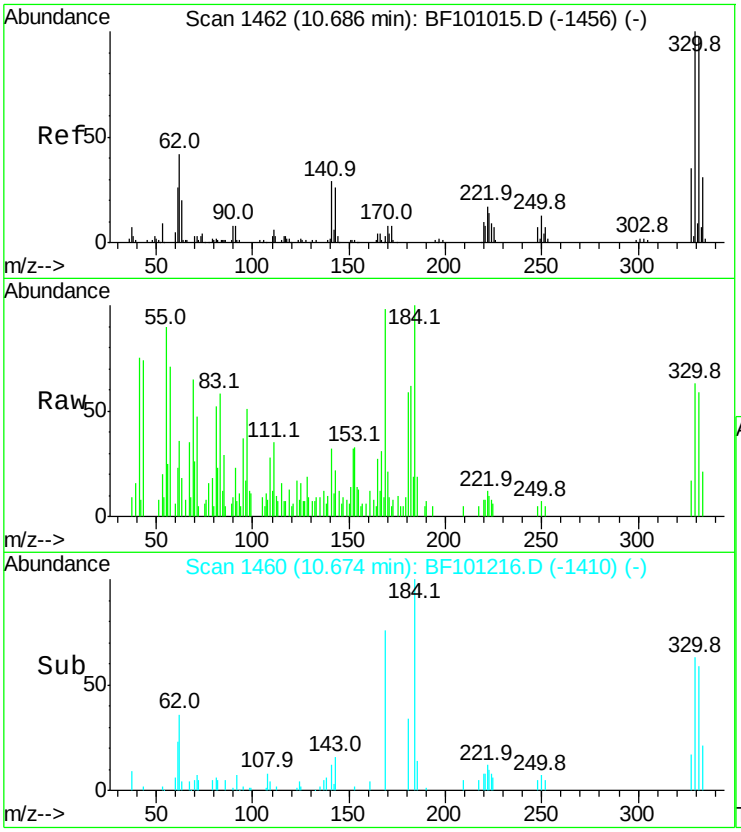


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:164 Resp: 59970

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	49.6	38.3	57.5



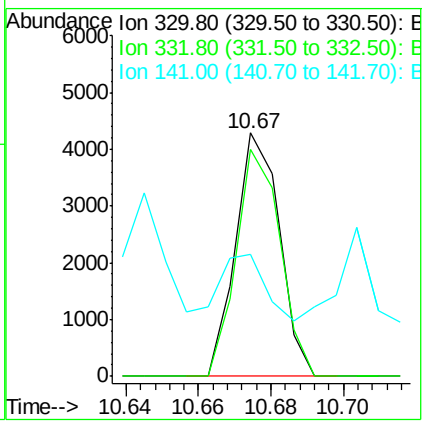


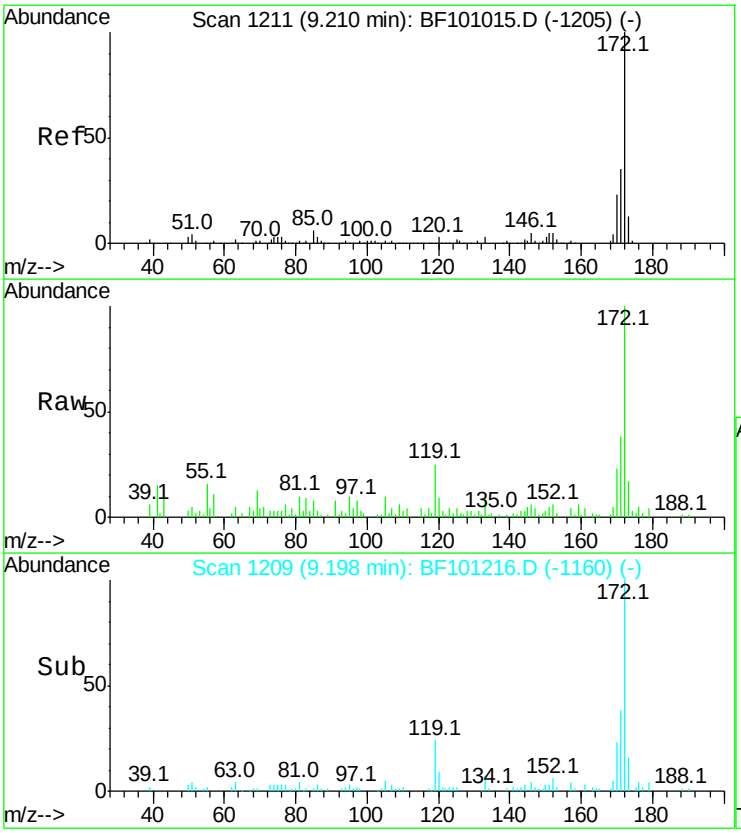
#41
2,4,6-Tribromophenol
Concen: 4.985 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 3591

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	27.9	29.9	44.9#

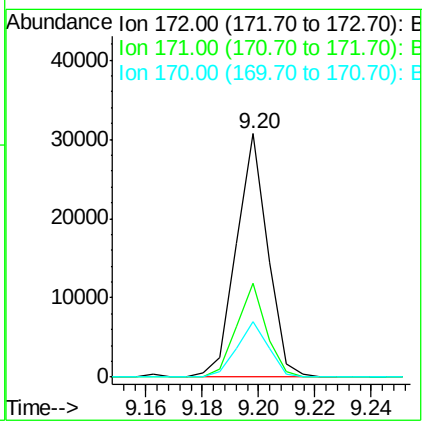


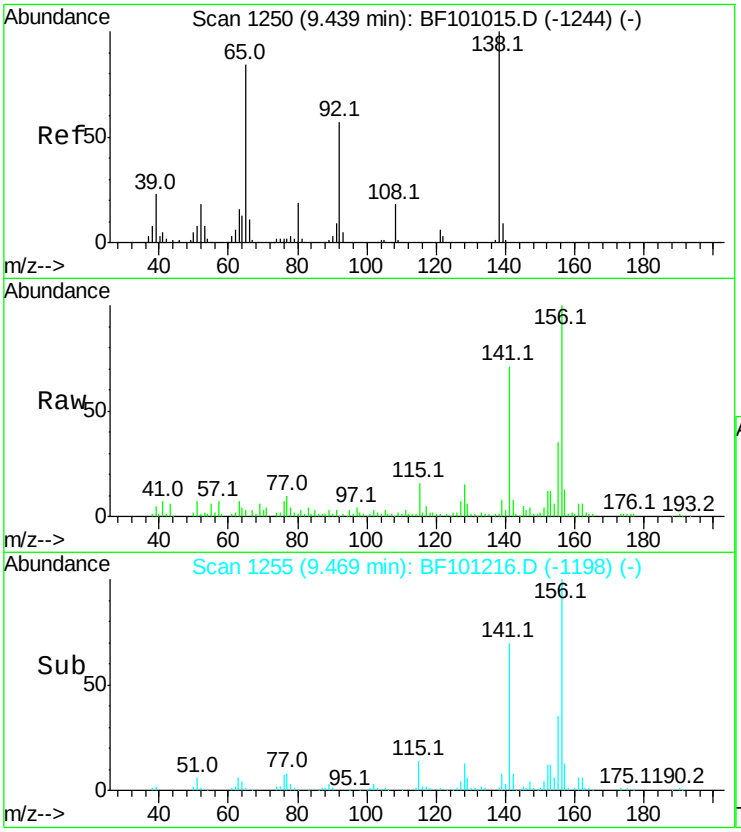


#44
2-Fluorobiphenyl
Concen: 5.408 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:172 Resp: 23705

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	22.9	19.6	29.4



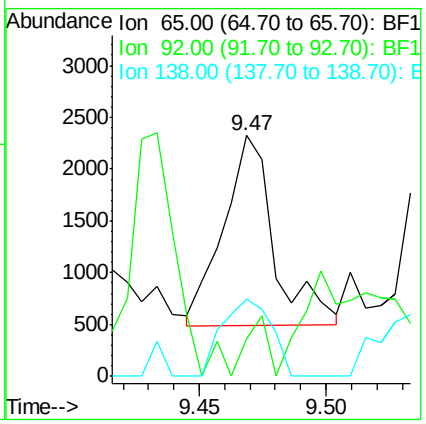


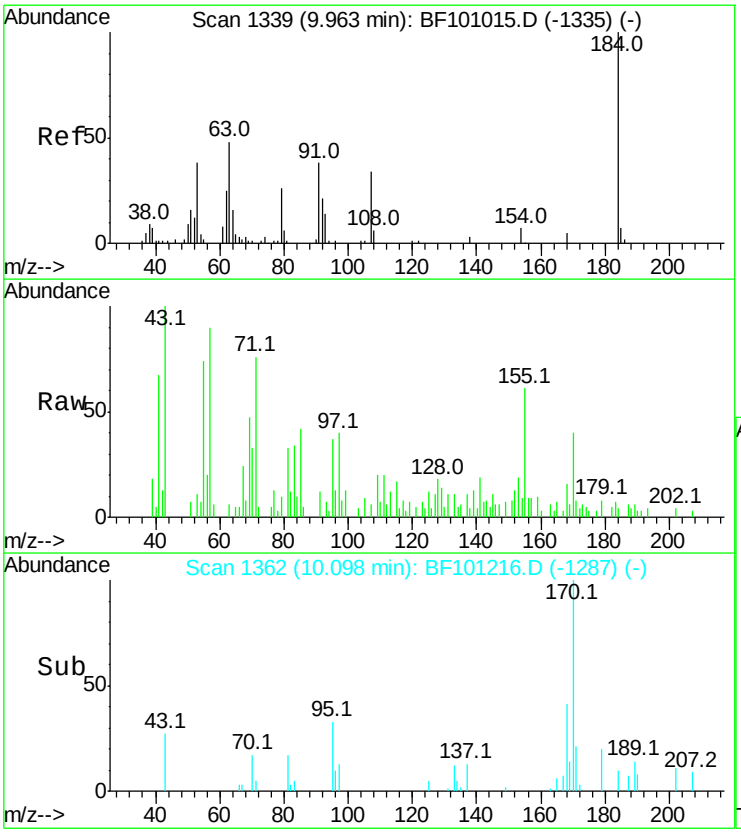
#47
2-Nitroaniline
Concen: 2.201 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.04 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2541

Ion	Ratio	Lower	Upper
65	100		
92	15.3	55.8	83.6#
138	32.0	91.2	136.8#

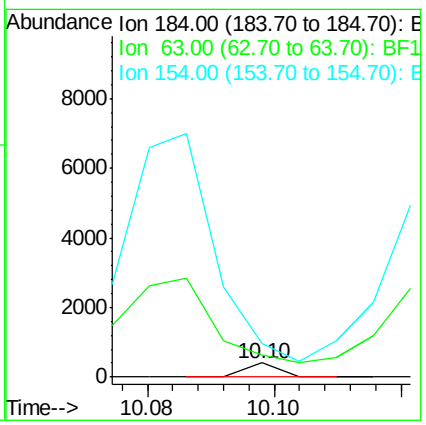


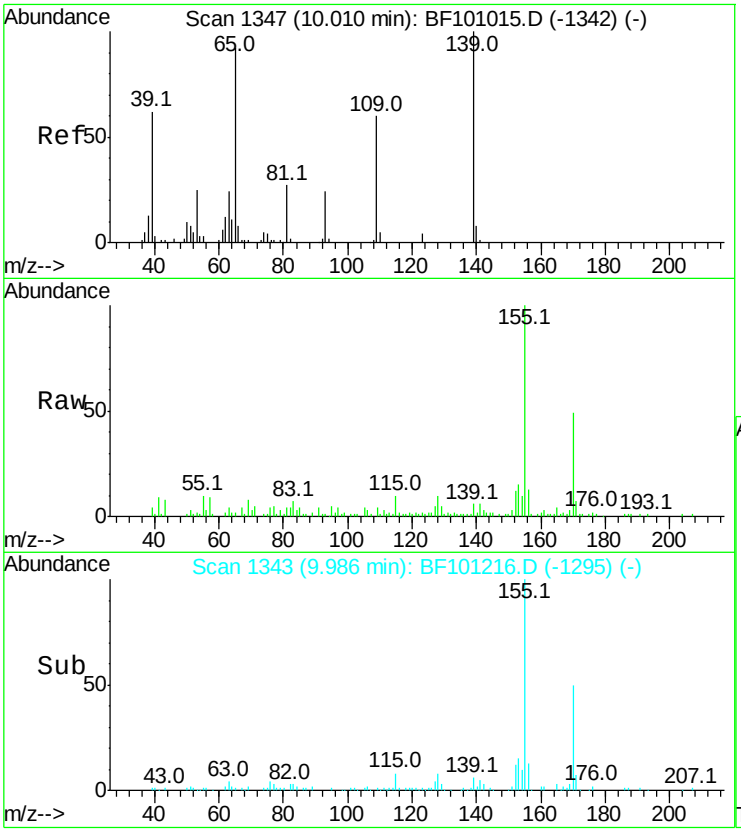


#53
2,4-Dinitrophenol
Concen: 5.085 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.14 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:184 Resp: 144

Ion	Ratio	Lower	Upper
184	100		
63	156.7	54.2	81.2#
154	232.8	184.0	276.0



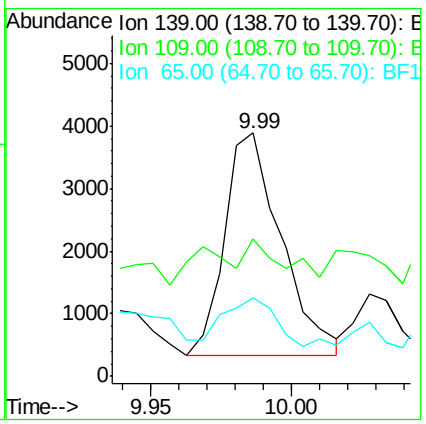


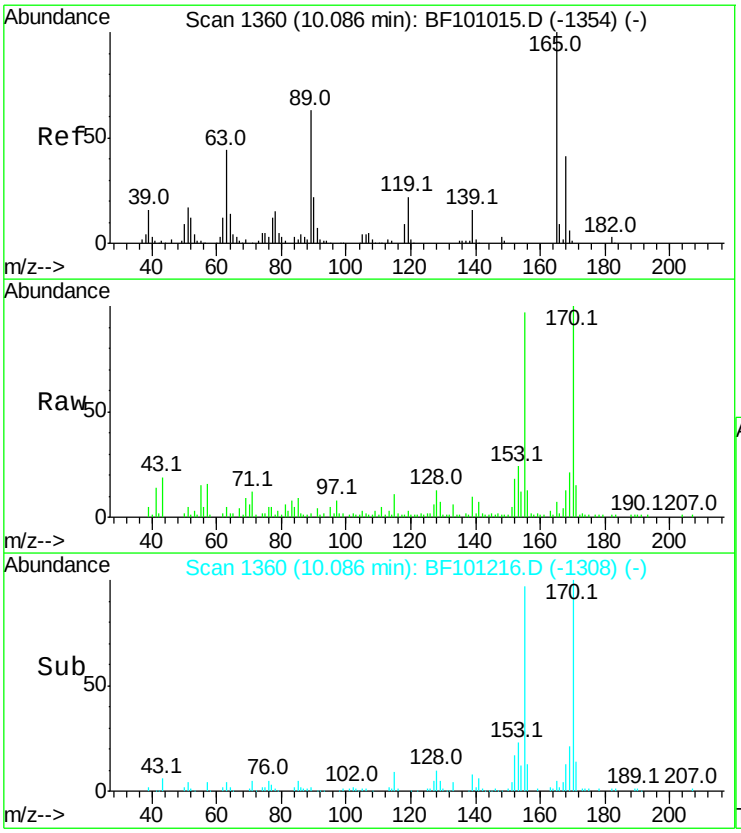
#55
4-Nitrophenol
Concen: 6.381 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4930

Ion	Ratio	Lower	Upper
139	100		
109	56.7	48.4	88.4
65	32.3	72.6	112.6#

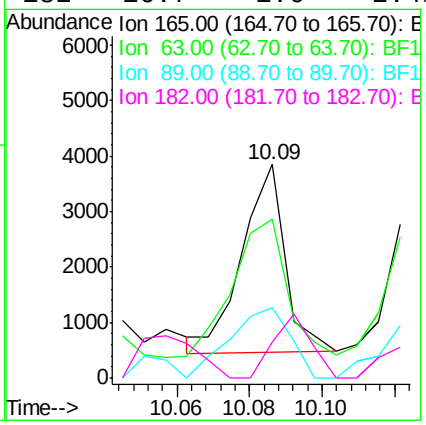


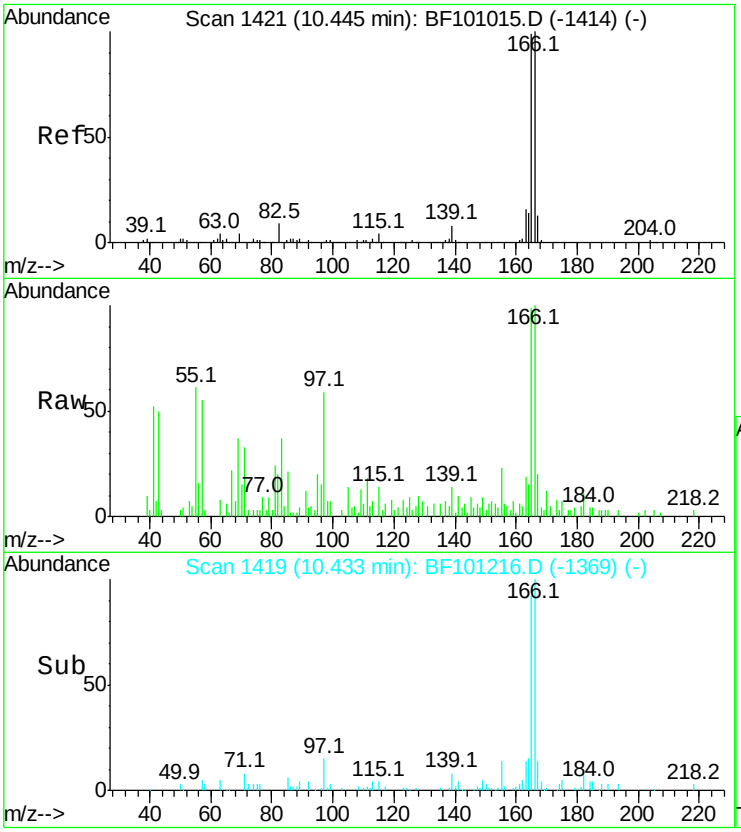


#56
2,4-Dinitrotoluene
Concen: 2.053 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:165 Resp: 2803

Ion	Ratio	Lower	Upper
165	100		
63	74.2	36.4	54.6#
89	33.0	57.8	86.6#
182	16.7	1.6	2.4#



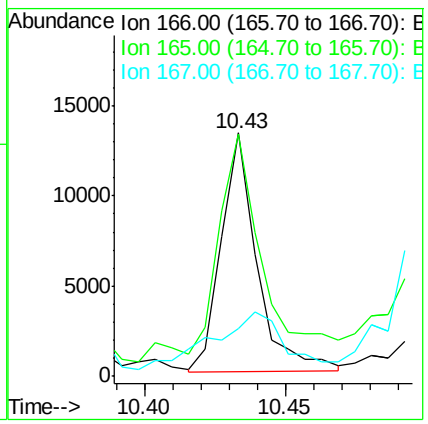


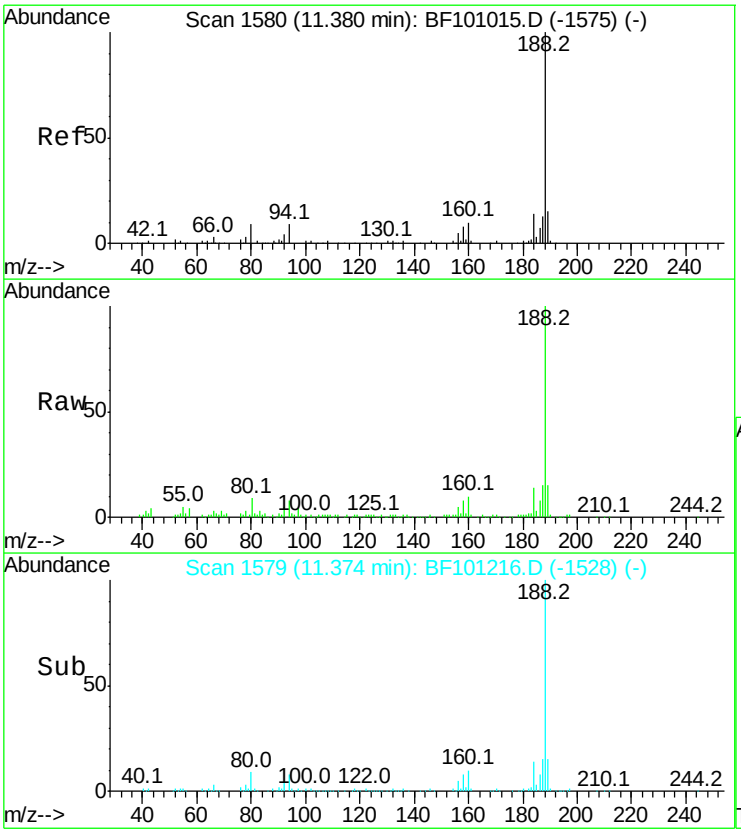
#57
Fluorene
Concen: 2.606 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 11724

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	19.5	10.6	16.0#

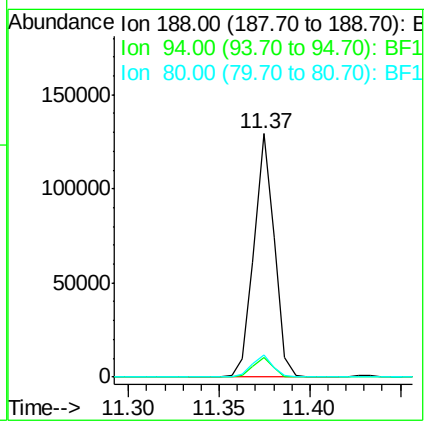


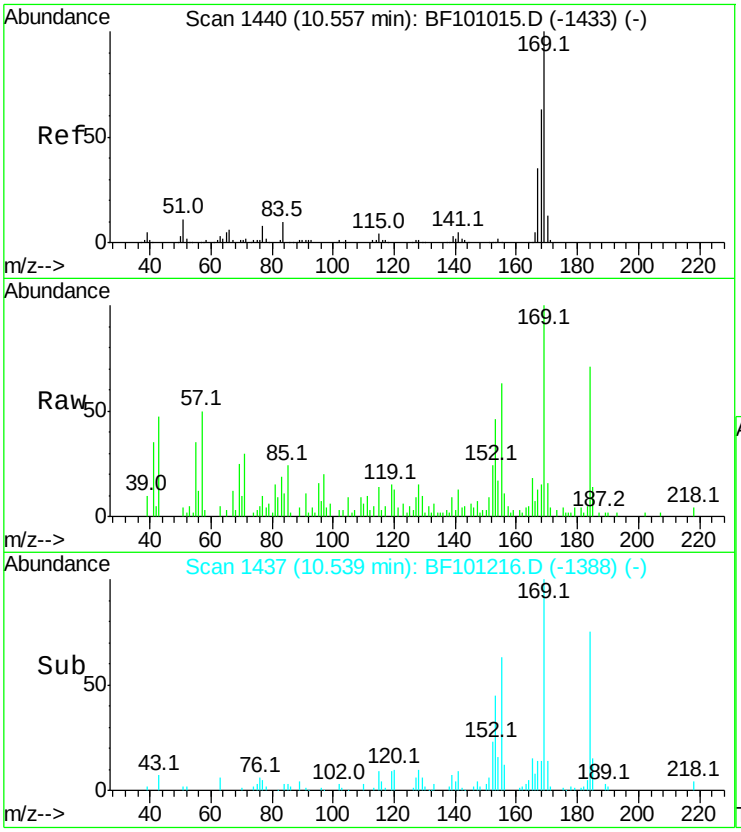


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:188 Resp: 101804

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.1	9.2	13.8#



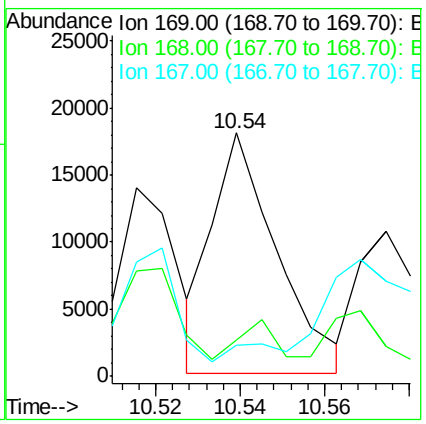


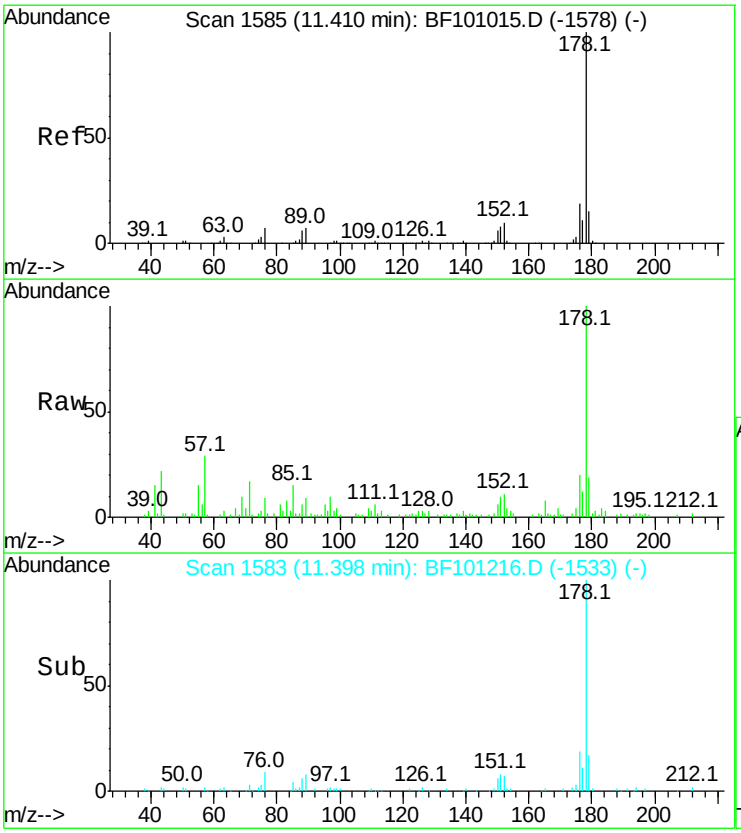
#65
n-Nitrosodiphenylamine
Concen: 5.309 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 19068

Ion	Ratio	Lower	Upper
169	100		
168	14.9	54.4	81.6#
167	12.9	29.8	44.6#

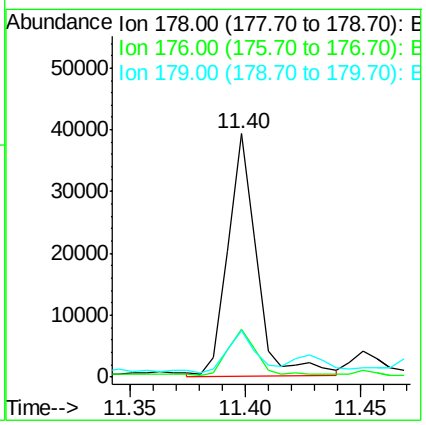


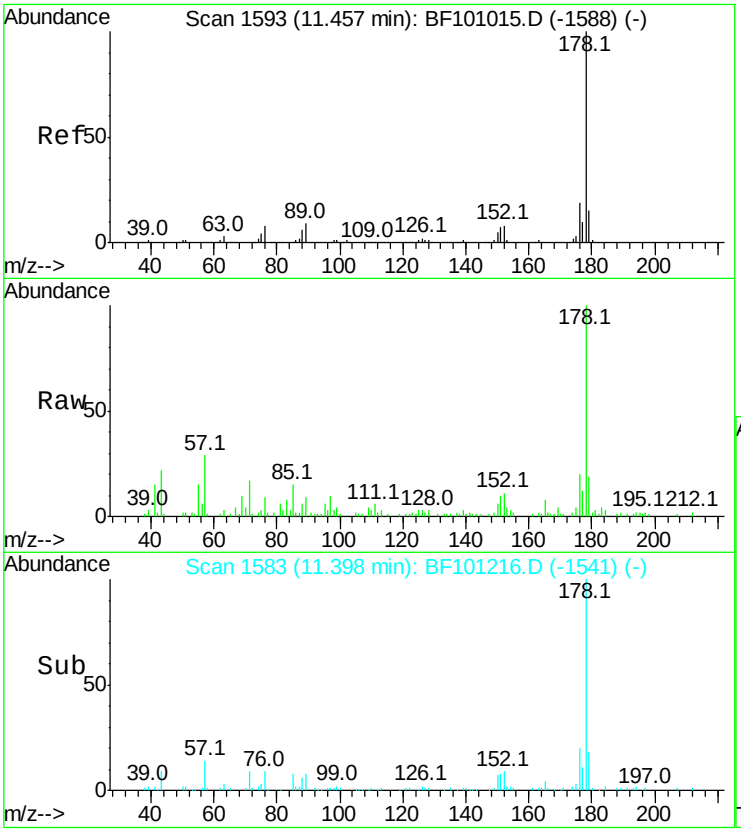


#70
Phenanthrene
Concen: 6.117 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:178 Resp: 34295

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	18.9	13.0	19.6



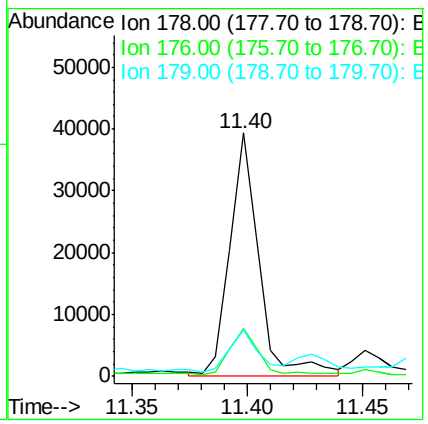


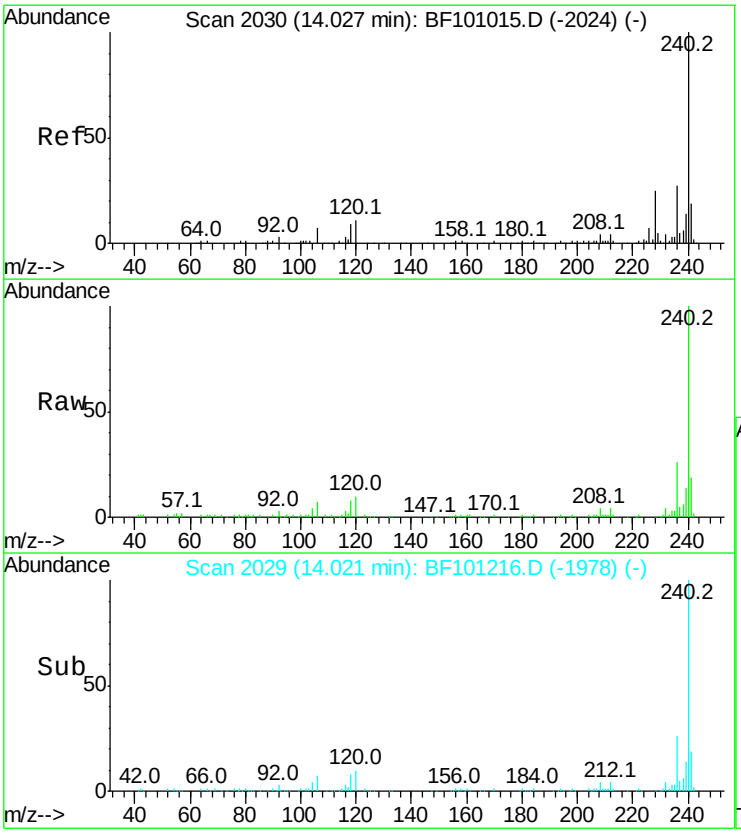
#71
Anthracene
Concen: 6.075 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 34470

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	18.9	12.6	19.0

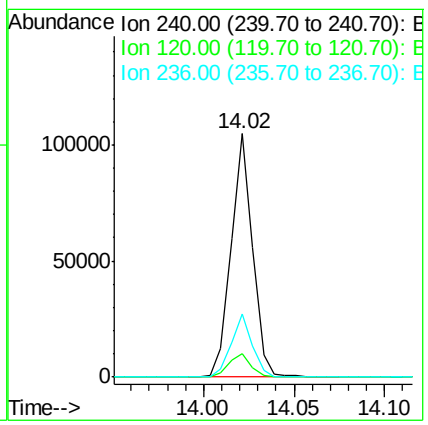


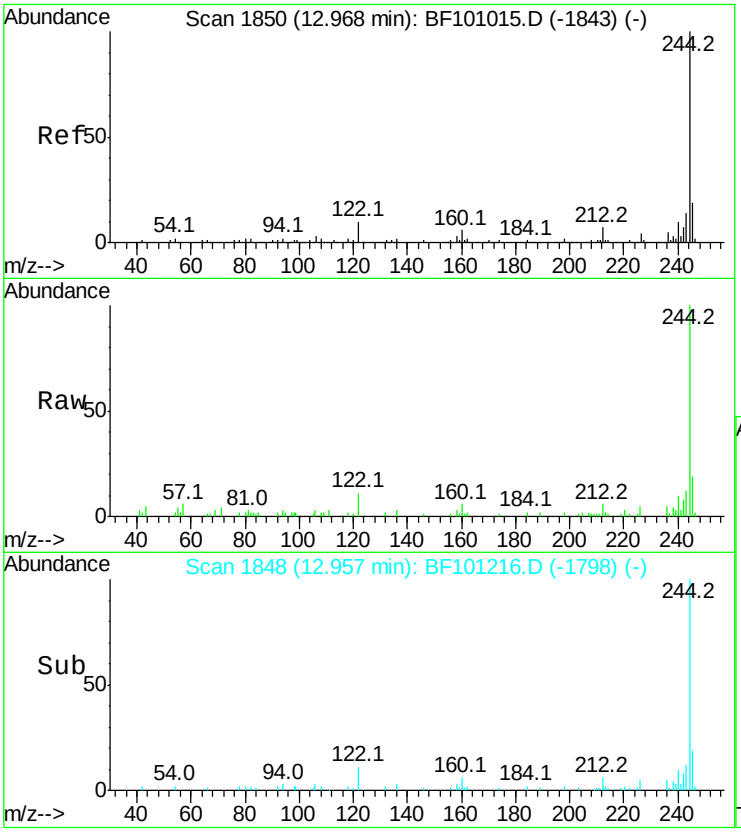


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:240 Resp: 87220

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.9	20.7	31.1



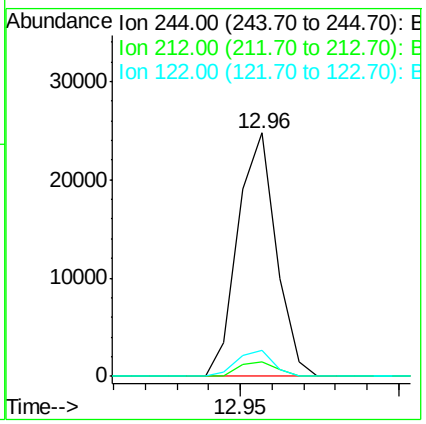


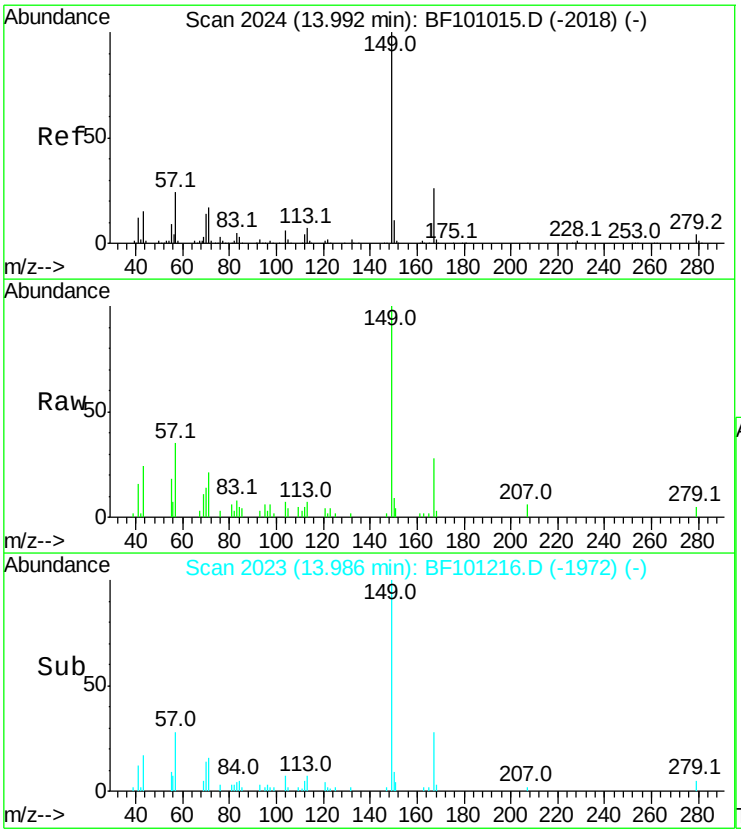
#78
Terphenyl-d14
Concen: 5.199 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 20730

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.4	8.0
122	10.6	11.0	16.4#

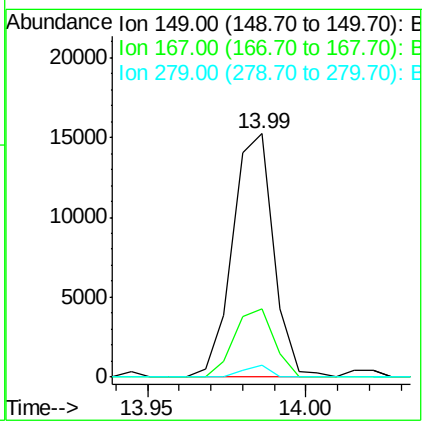


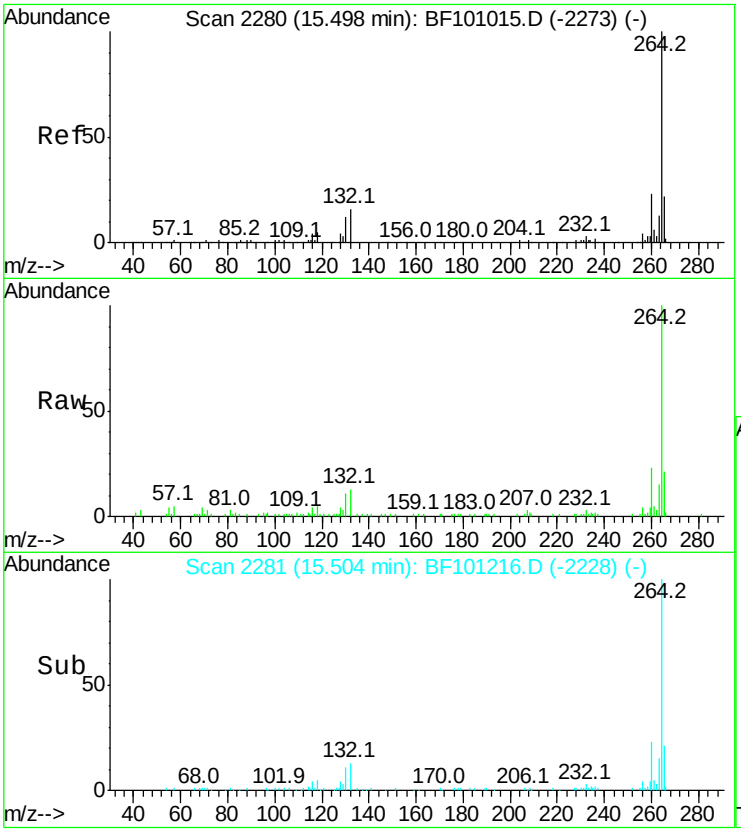


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.604 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:149 Resp: 13634

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	4.9	3.0	4.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 68966

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.9	17.5	26.3