Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100116.D
Acq On : 3 Nov 2017 6:21
Operator : SJ/JU
Sample : I6273-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 03 07:23:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	89450	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	364697	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	166060	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	284252	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	179719	20.00	ng		-0.02
86) Perylene-d12	15.41	264	151191	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	286098	50.21	ng		0.00
7) Phenol-d6	6.42	99	242320	35.87	ng		-0.01
23) Nitrobenzene-d5	7.35	82	541758	95.64	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	142290	94.02	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1018945	94.67	ng		0.00
78) Terphenyl-d14	12.88	244	893870	108.69	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	8278	2.051	ng		89
19) n-Nitroso-di-n-propylamine	7.35	70	67752	17.113	ng	#	68
25) Isophorone	7.35	82	541758	52.705	ng	#	64
31) Naphthalene	8.07	128	373858	21.237	ng		99
33) 4-Chloroaniline	8.07	127	48525	6.675	ng	#	33
37) 2-Methylnaphthalene	8.76	142	61197	5.187	ng		97
50) 2,6-Dinitrotoluene	9.80	165	22079	7.986	ng	#	25
51) Acenaphthene	9.84	154	70108	6.828	ng		97
54) Dibenzofuran	10.02	168	70165	4.841	ng		95
55) 4-Nitrophenol	10.02	139	24233	14.238	ng	#	10
56) 2,4-Dinitrotoluene	9.80	165	22079	6.632	ng	#	23
57) Fluorene	10.36	166	59309	4.943	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	9815	3.280	ng	#	1
70) Phenanthrene	11.32	178	178543	11.130	ng		97
74) Fluoranthene	12.52	202	55882	3.352	ng		98
77) Pyrene	12.75	202	35703	2.613	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100116.D
Acq On : 3 Nov 2017 6:21
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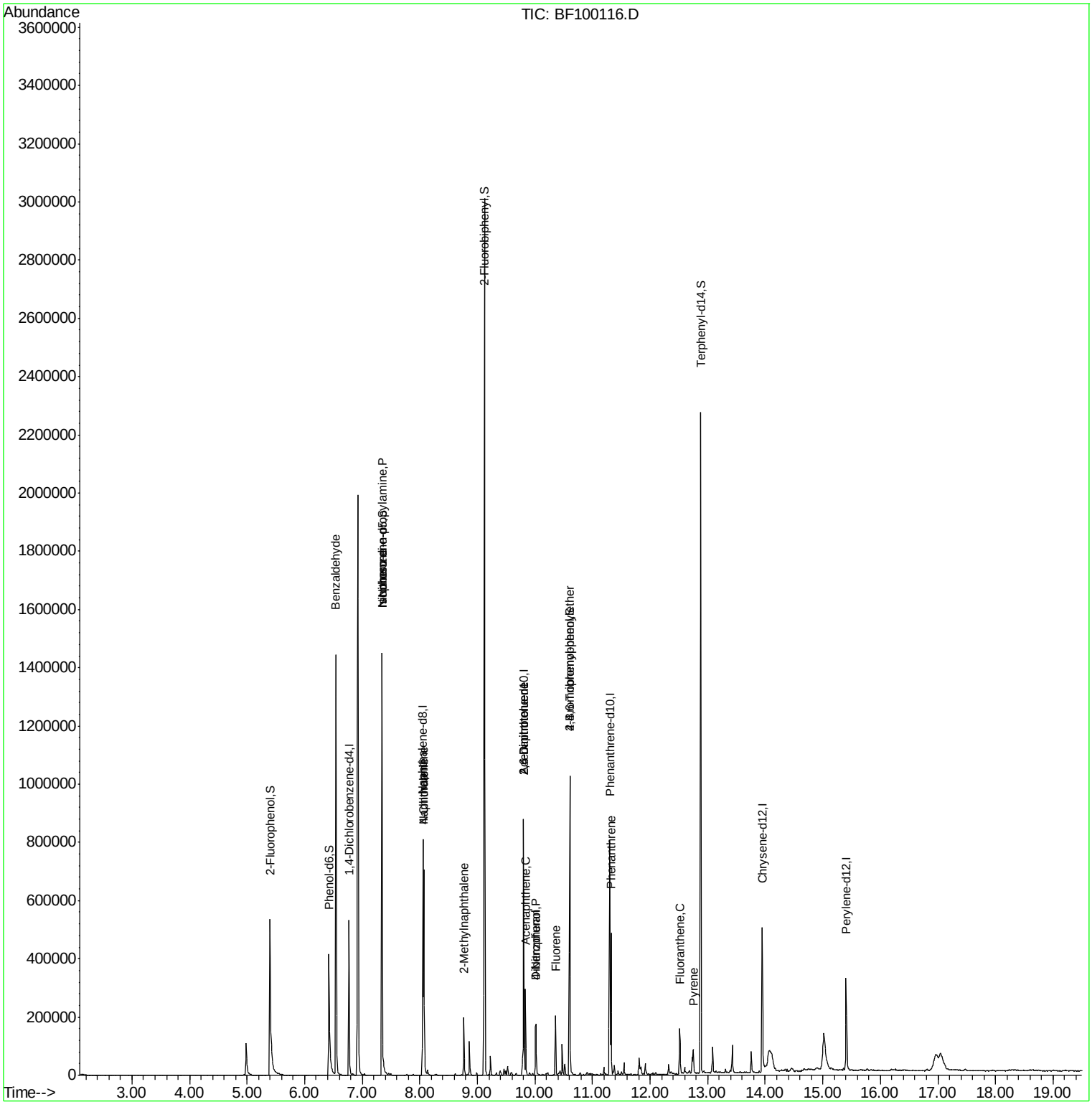
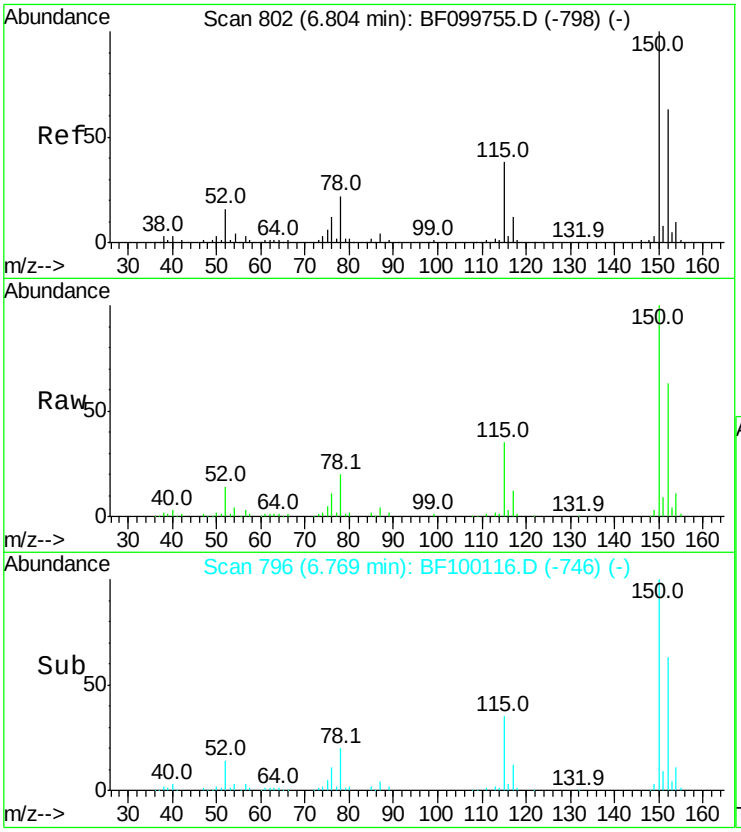


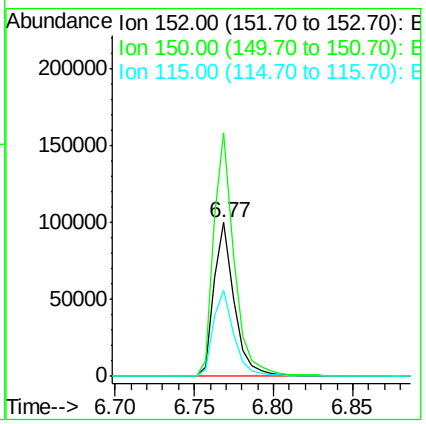


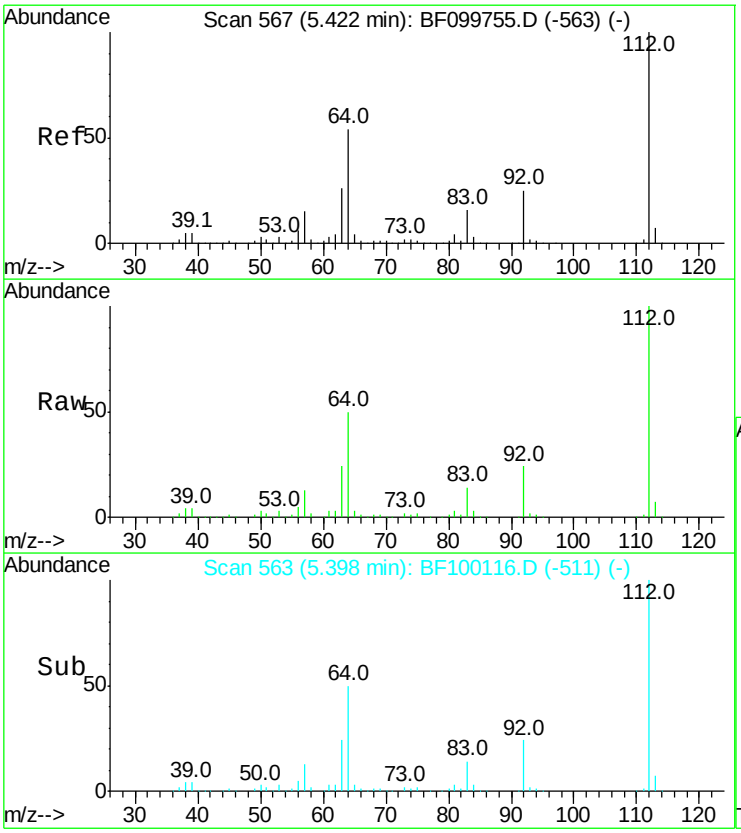
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 89450

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	56.0	50.1	75.1

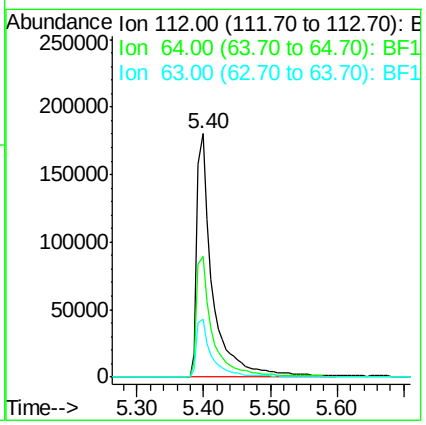


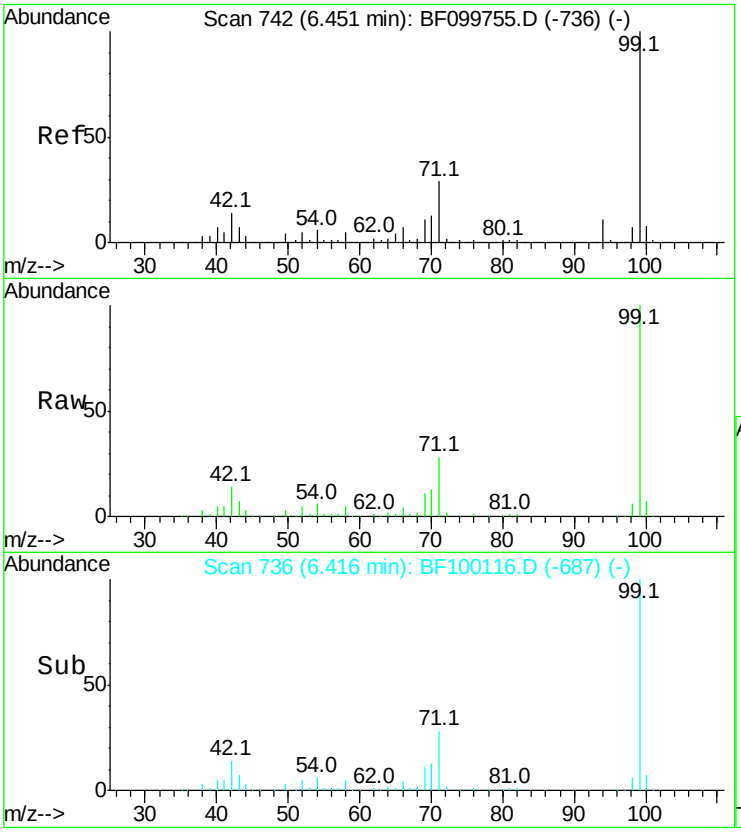


#5
2-Fluorophenol
Concen: 50.214 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:112 Resp: 286098

Ion	Ratio	Lower	Upper
112	100		
64	49.8	47.9	71.9
63	24.1	23.7	35.5



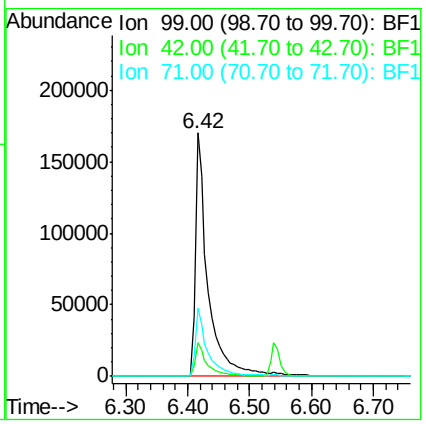


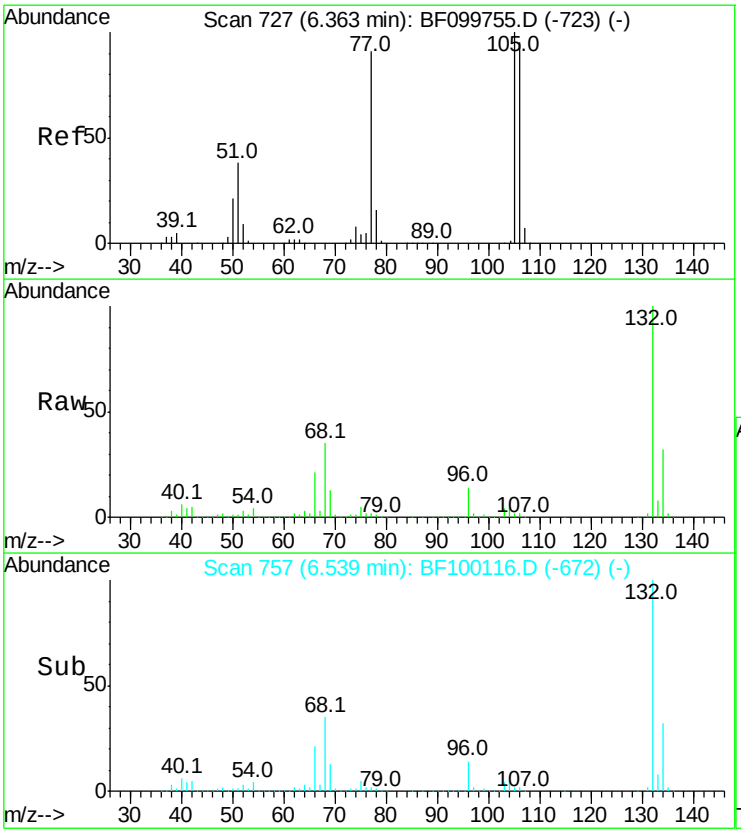
#7
Phenol-d6
Concen: 35.869 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 242320

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.5	21.7#
71	28.1	25.4	38.0

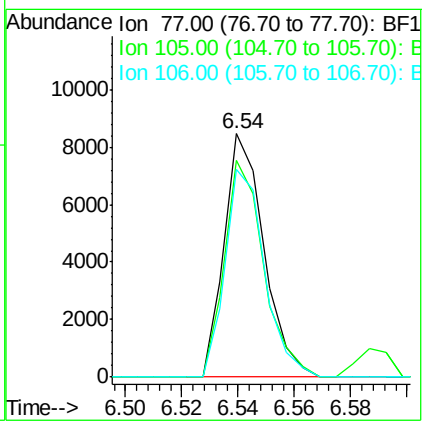


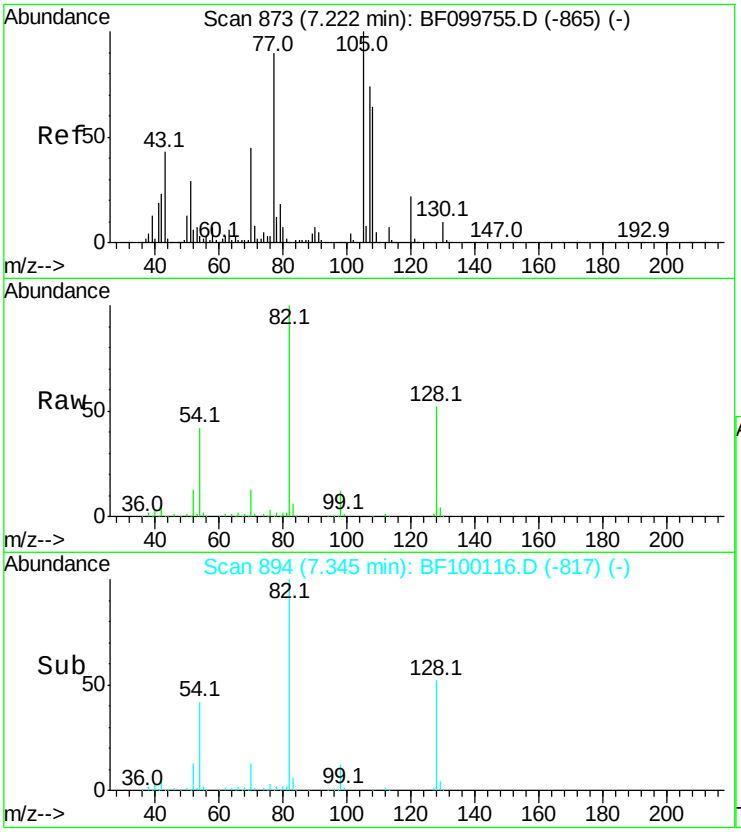


#9
Benzaldehyde
Concen: 2.051 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.20 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion: 77 Resp: 8278

Ion	Ratio	Lower	Upper
77	100		
105	89.1	81.1	121.1
106	85.1	74.5	114.5



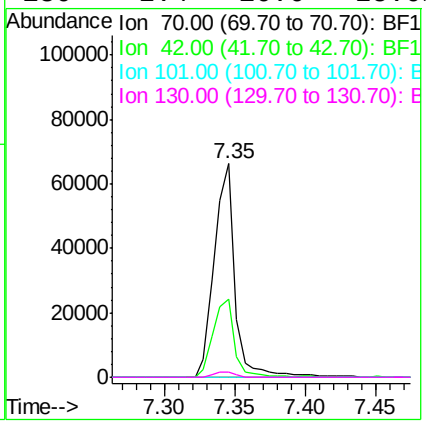


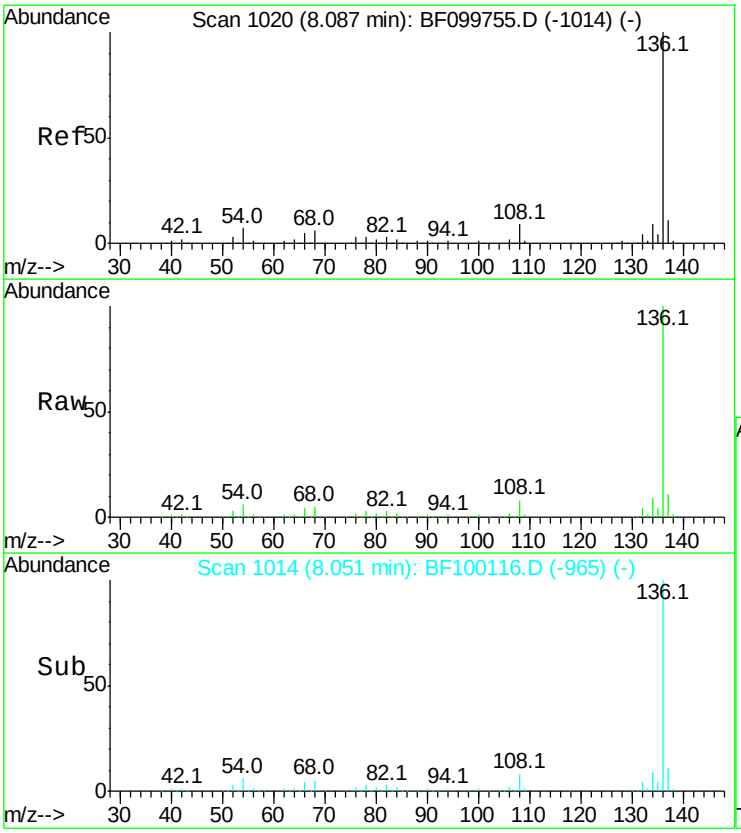
#19
n-Nitroso-di-n-propylamine
Concen: 17.113 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.15 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 67752

Ion	Ratio	Lower	Upper
70	100		
42	36.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

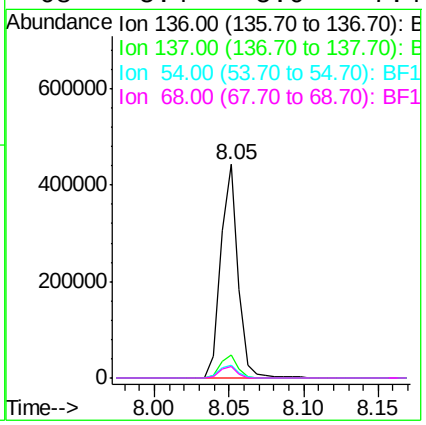


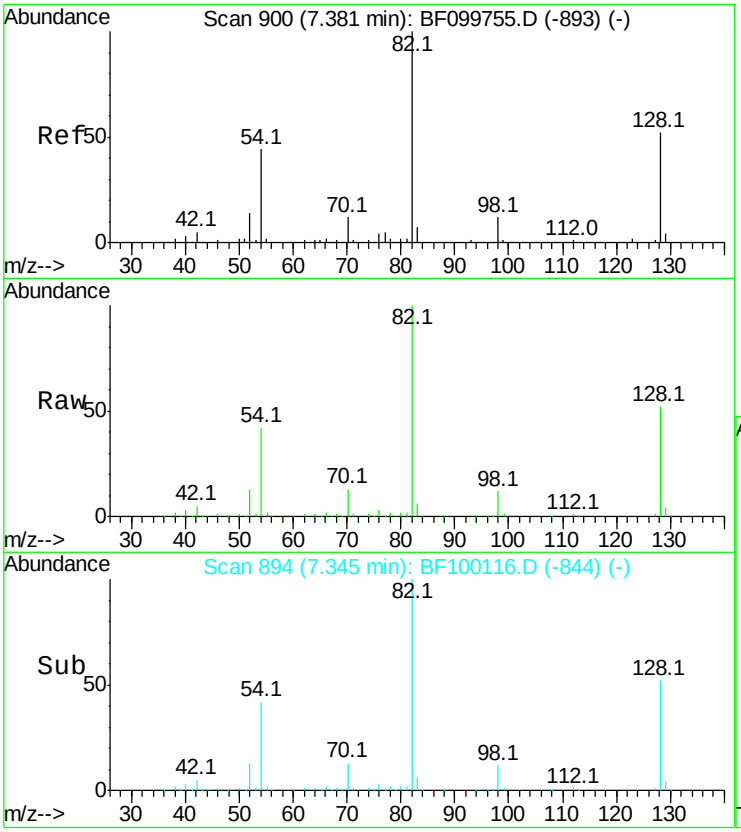


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:136 Resp: 364697

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.1	6.6	9.8#
68	5.4	5.0	7.4

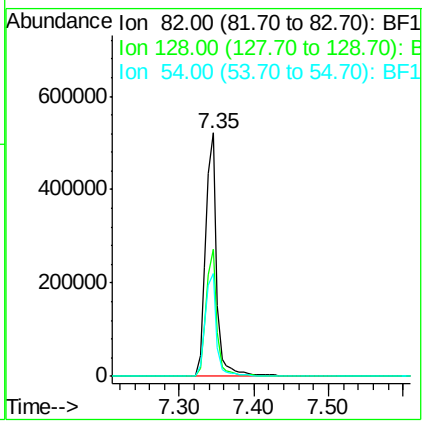




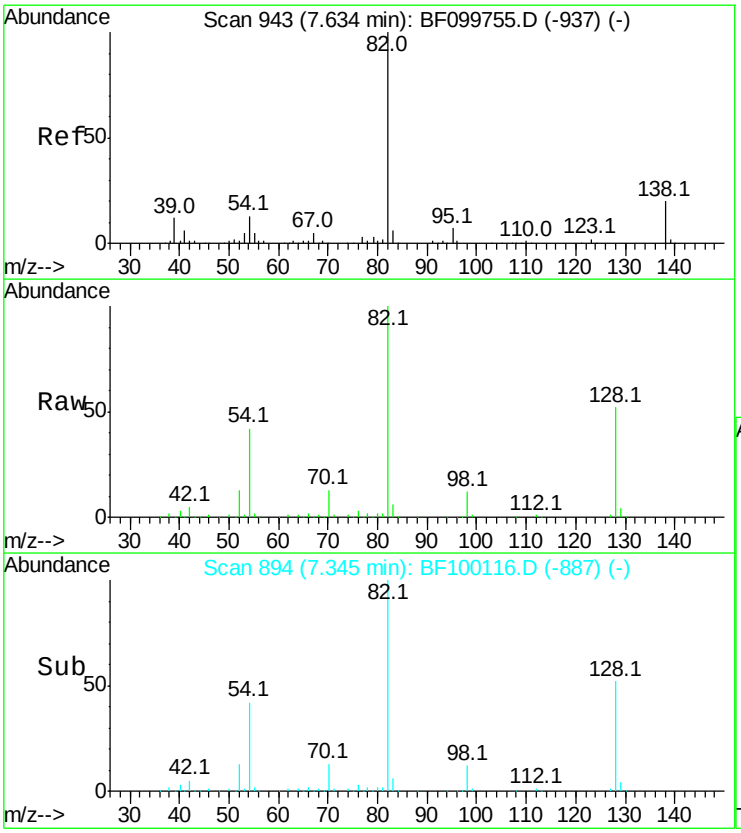
#23
Nitrobenzene-d5
Concen: 95.637 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion: 82 Resp: 541758

Ion	Ratio	Lower	Upper
82	100		
128	52.2	36.1	54.1
54	42.4	41.4	62.2



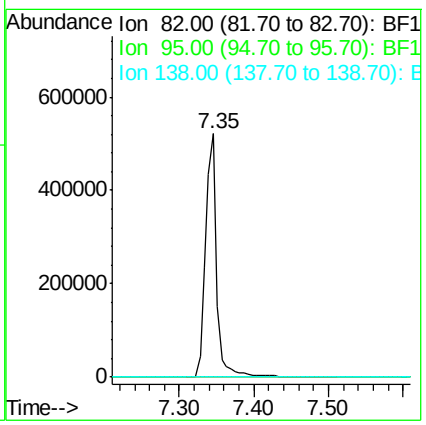
Instrument :
BNA_F
ClientSampleId :

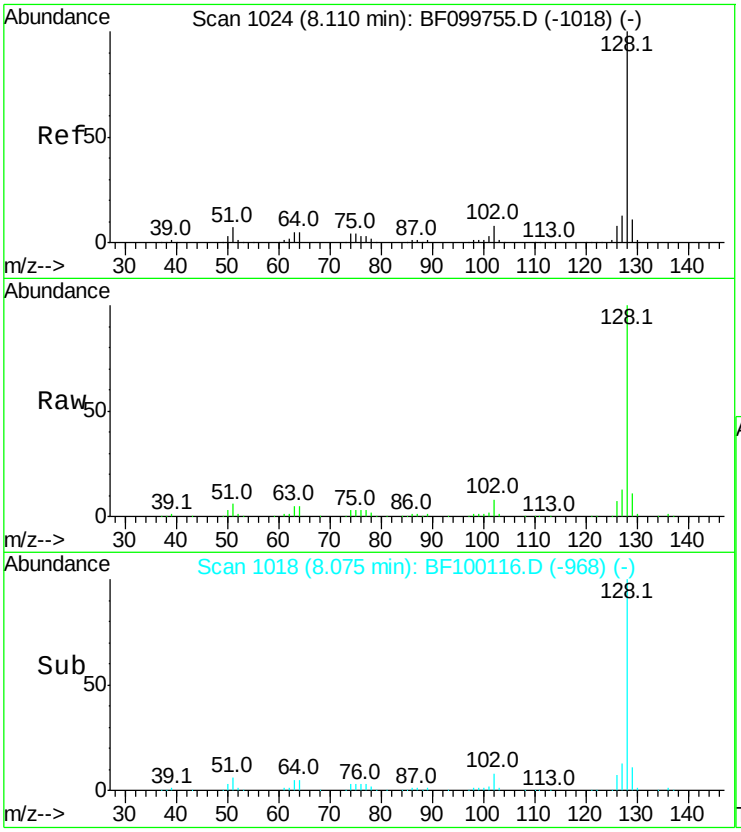


#25
Isophorone
Concen: 52.705 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion: 82 Resp: 541758

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

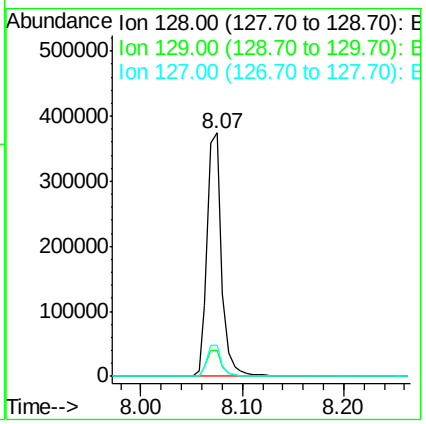




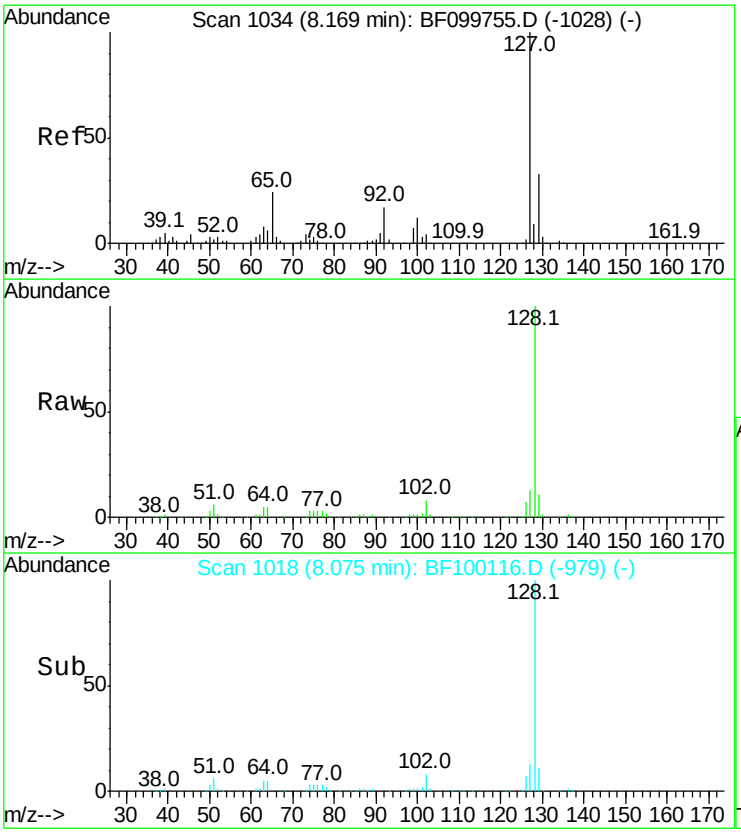
#31
Naphthalene
Concen: 21.237 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:128 Resp: 373858

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.9	10.9	16.3



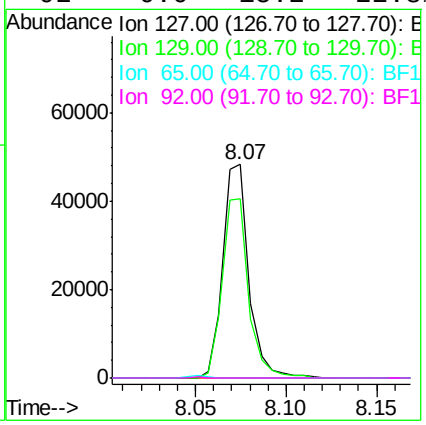
Instrument :
BNA_F
ClientSampleId :

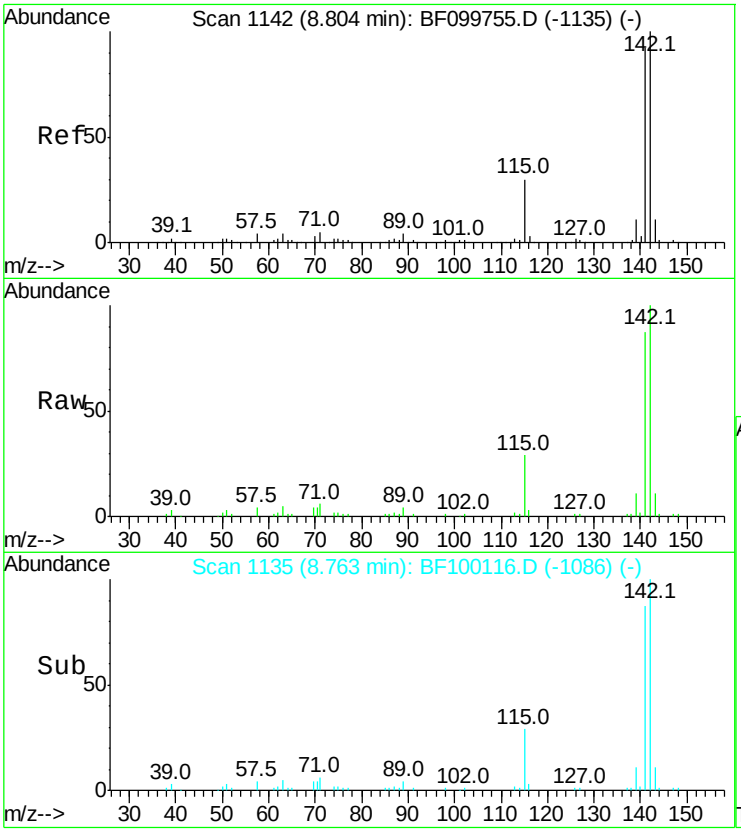


#33
4-Chloroaniline
Concen: 6.675 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.07 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:127 Resp: 48525

Ion	Ratio	Lower	Upper
127	100		
129	84.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



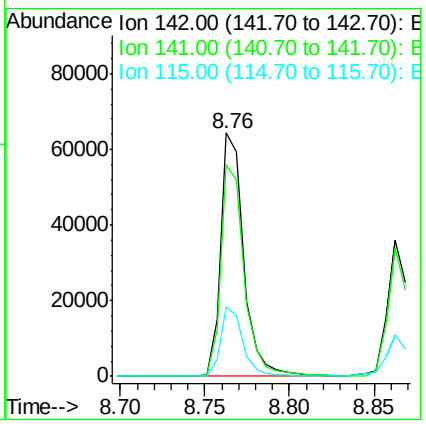


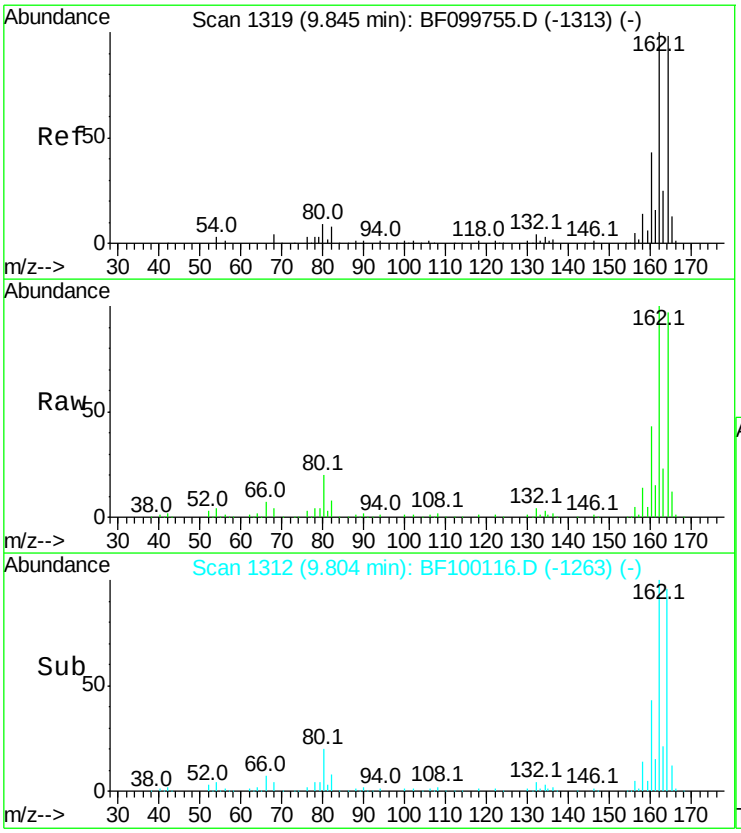
#37
2-Methylnaphthalene
Concen: 5.187 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 61197

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.8	106.2
115	28.8	26.1	39.1

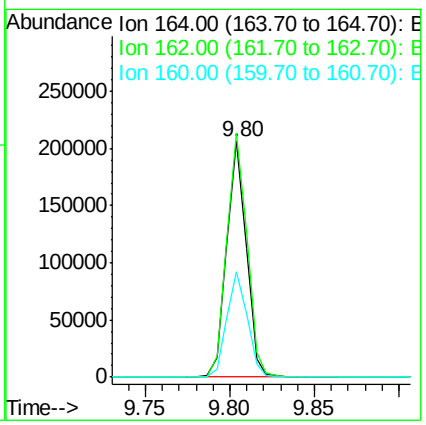


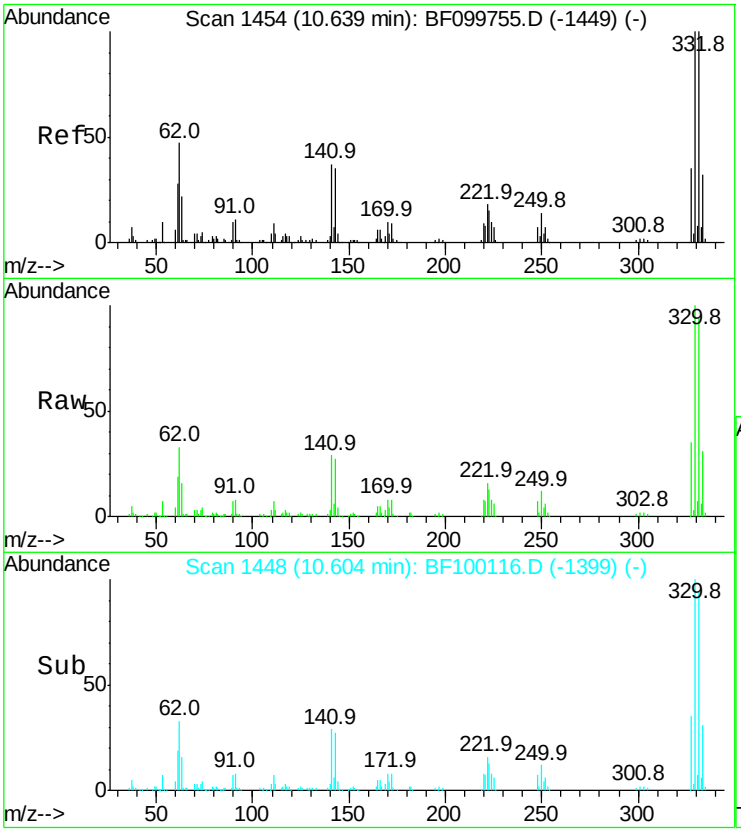


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:164 Resp: 166060

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	44.5	38.3	57.5



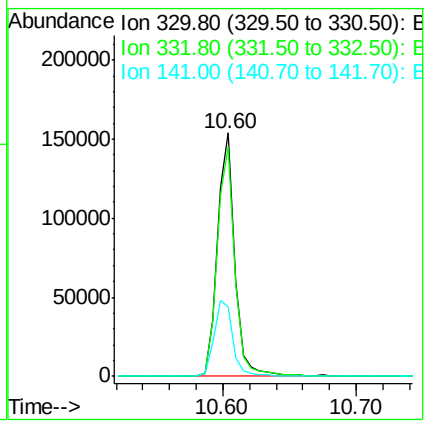


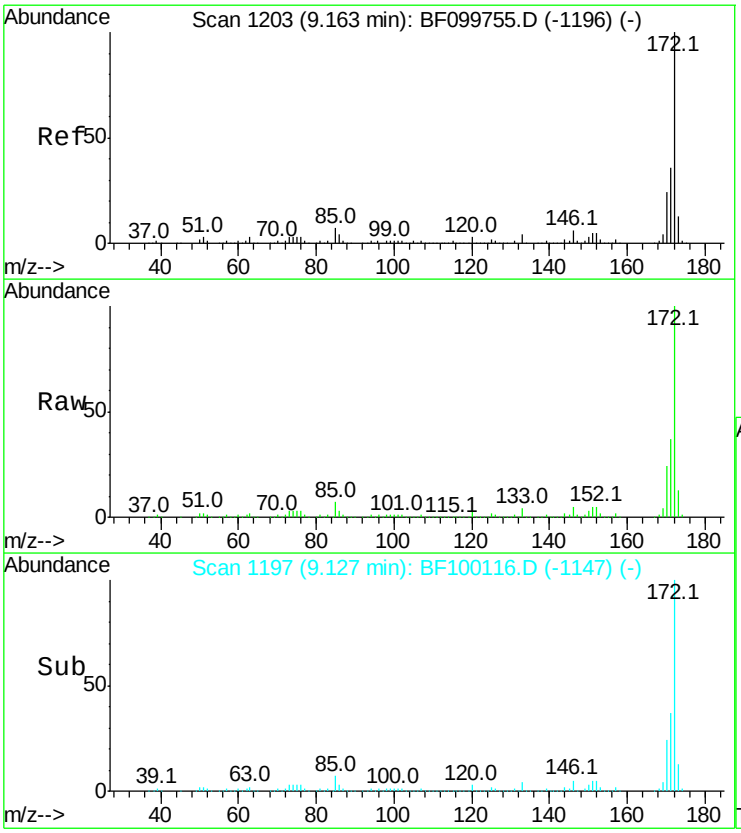
#41
2,4,6-Tribromophenol
Concen: 94.024 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 142290

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.9	29.9	44.9

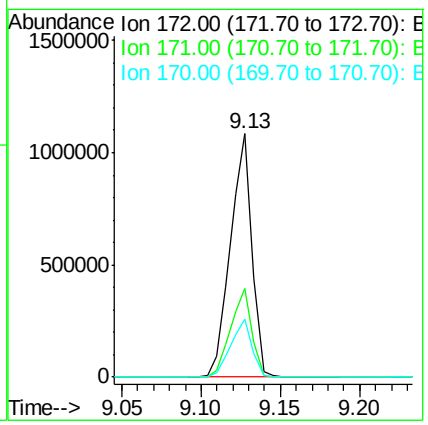


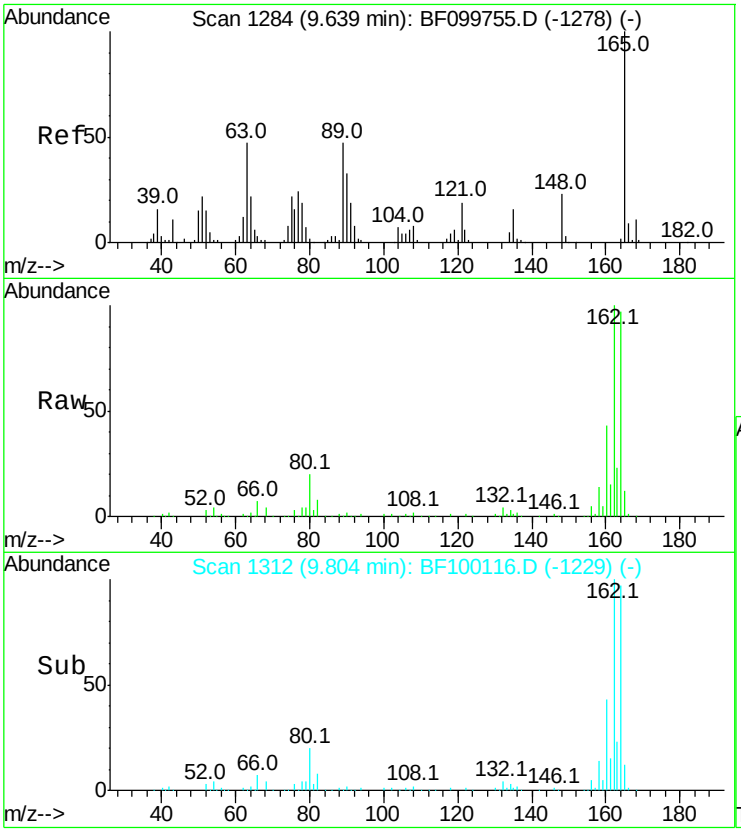


#44
2-Fluorobiphenyl
Concen: 94.669 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:172 Resp: 1018945

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.7	19.6	29.4



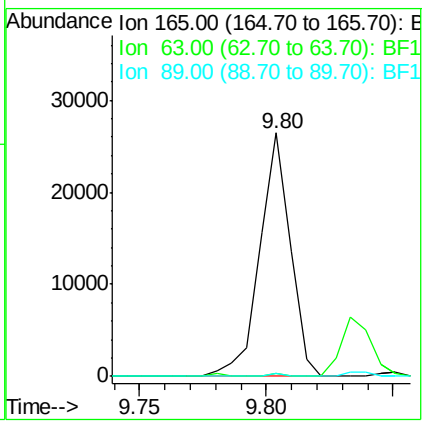


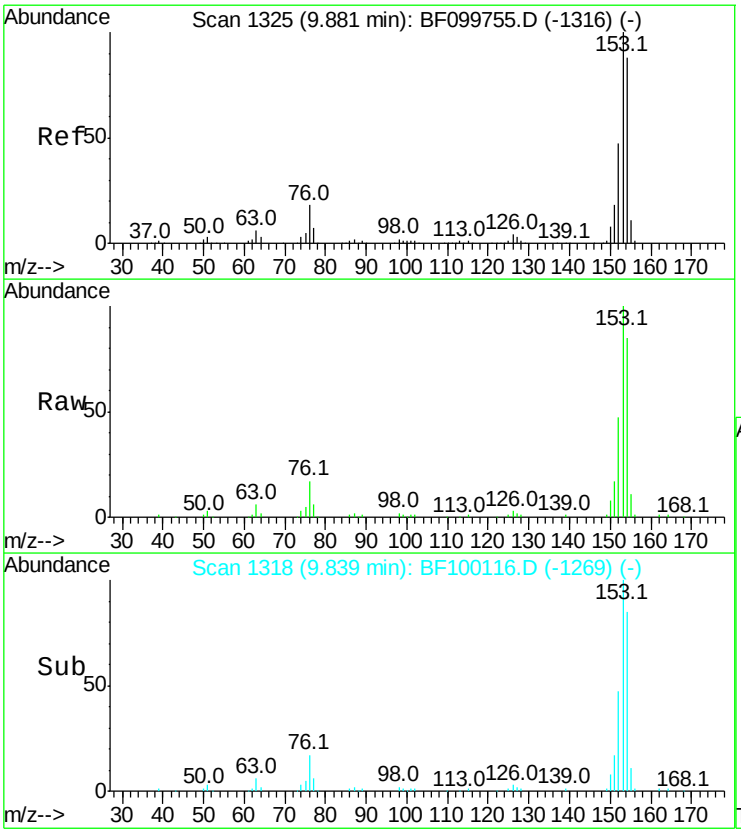
#50
2,6-Dinitrotoluene
Concen: 7.986 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22079

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.1	44.0	66.0#

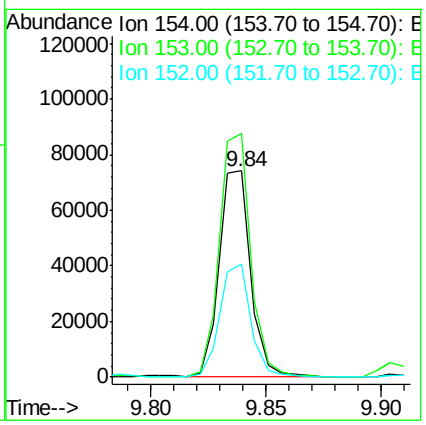


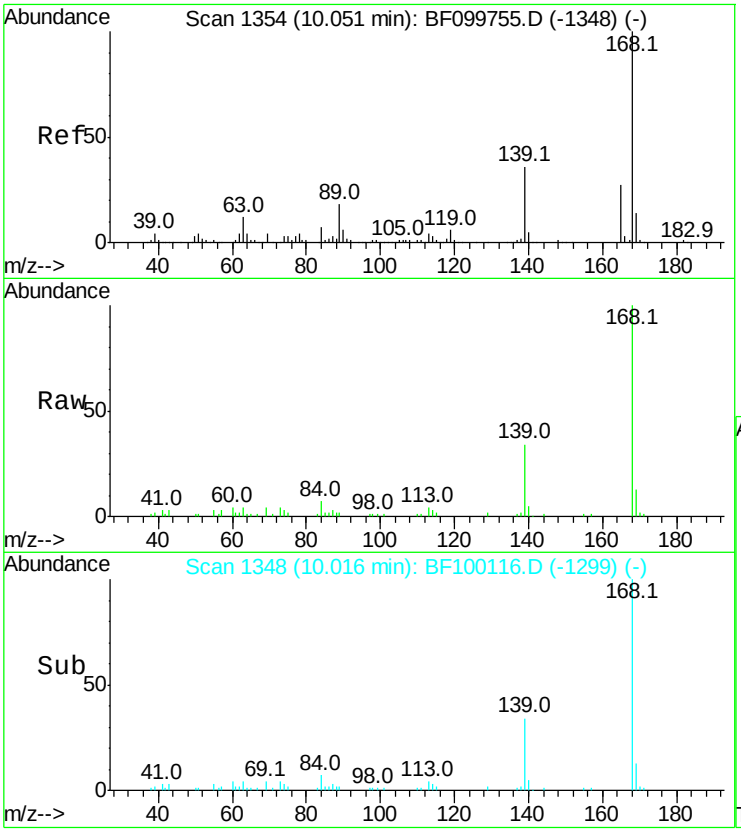


#51
Acenaphthene
Concen: 6.828 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:154 Resp: 70108

Ion	Ratio	Lower	Upper
154	100		
153	118.2	91.2	136.8
152	55.0	43.8	65.8



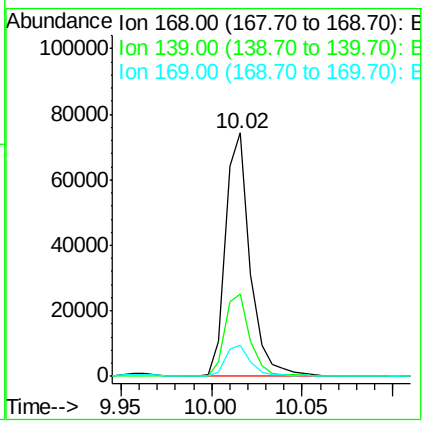


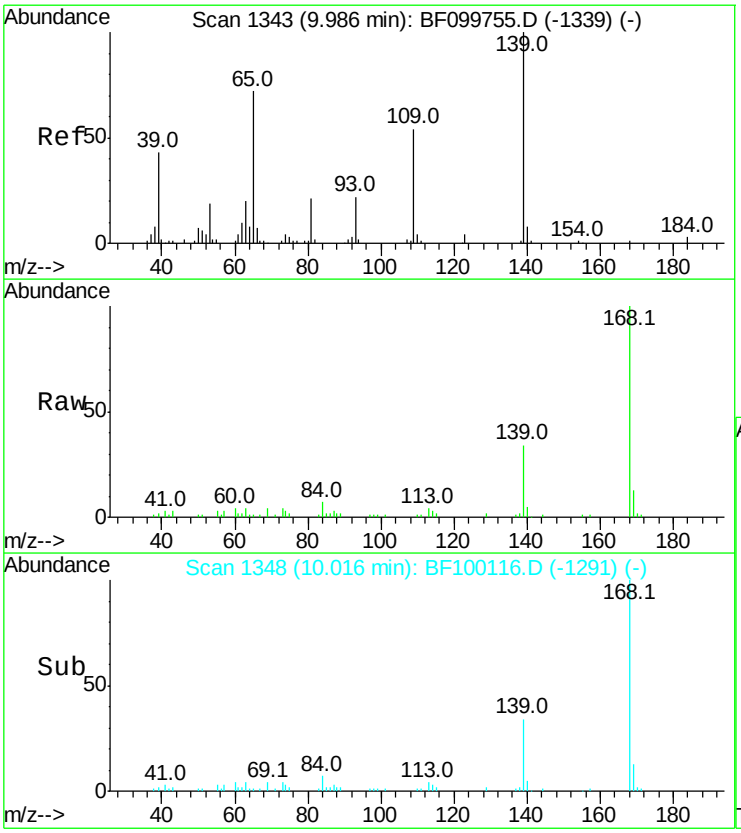
#54
Dibenzofuran
Concen: 4.841 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 70165

Ion	Ratio	Lower	Upper
168	100		
139	33.7	30.1	45.1
169	12.6	10.9	16.3

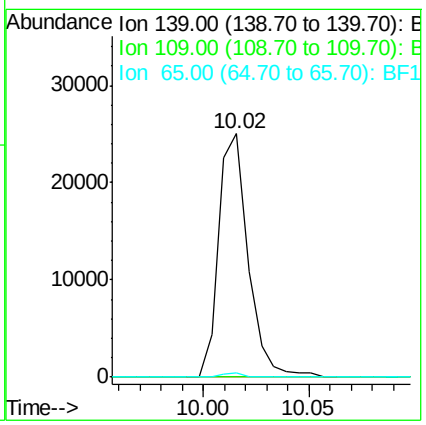


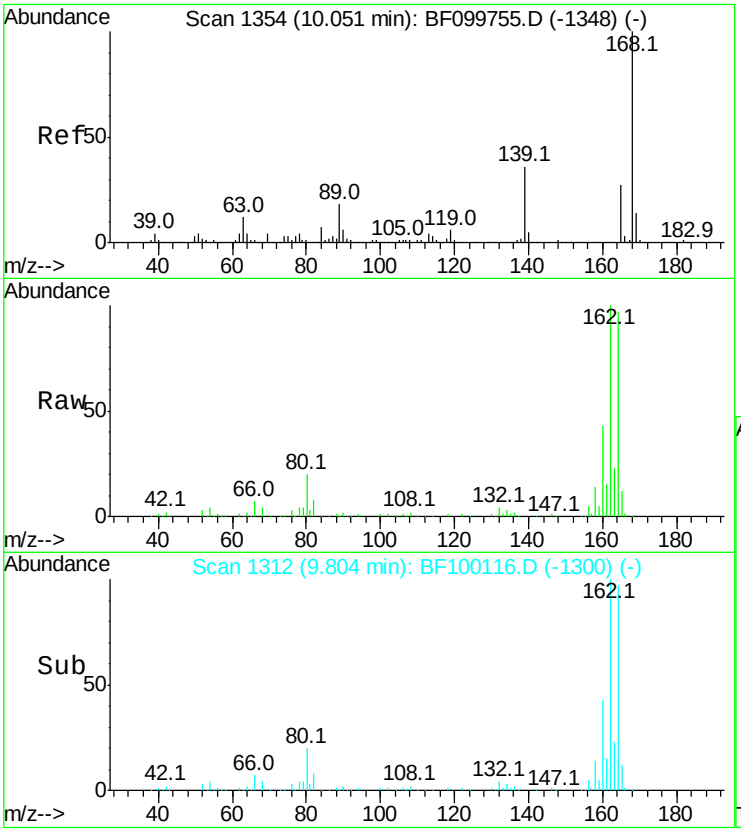


#55
4-Nitrophenol
Concen: 14.238 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.04 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:139 Resp: 24233

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	1.8	72.6	112.6#



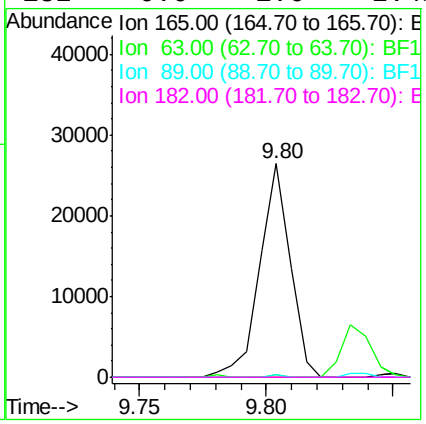


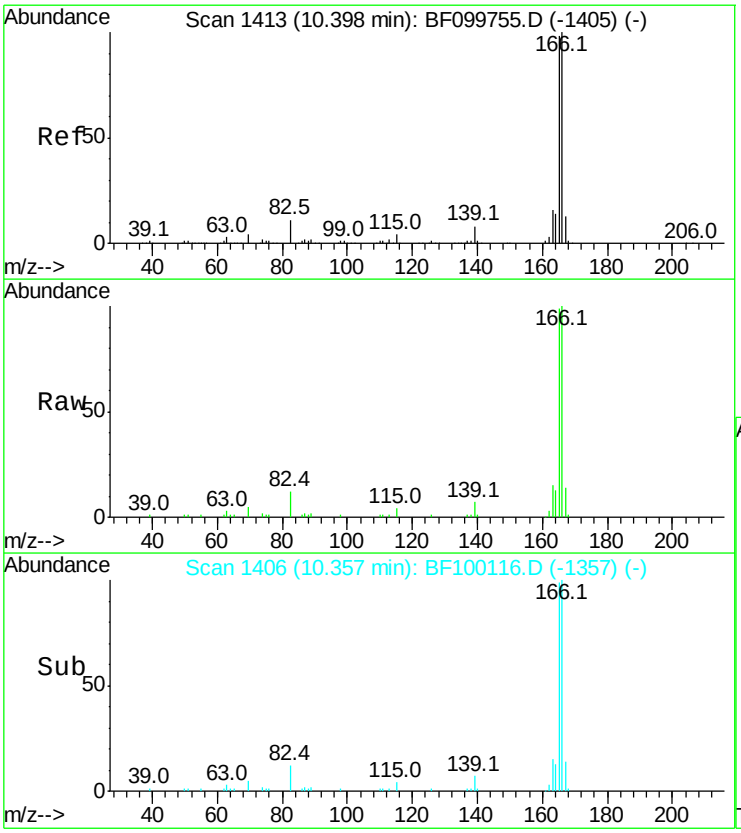
#56
2,4-Dinitrotoluene
Concen: 6.632 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.23 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22079

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

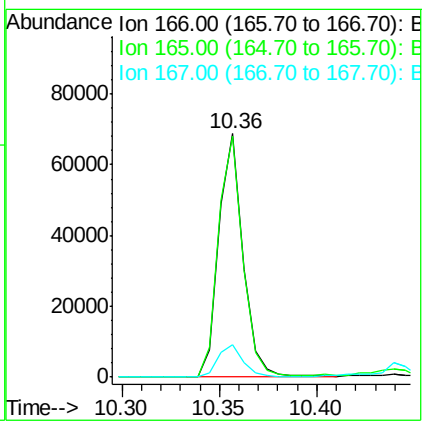


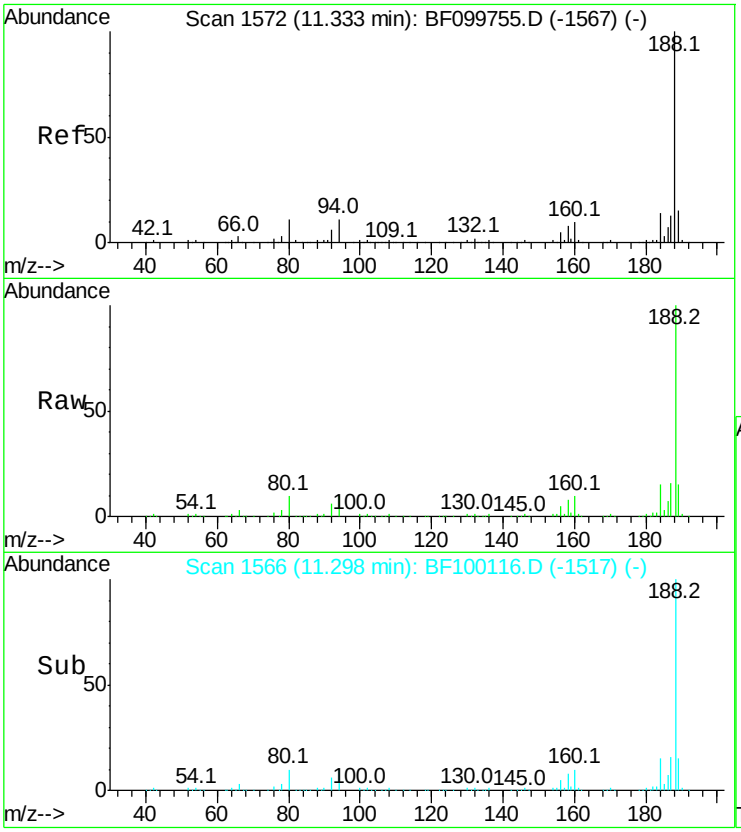


#57
Fluorene
Concen: 4.943 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:166 Resp: 59309

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.5	10.6	16.0



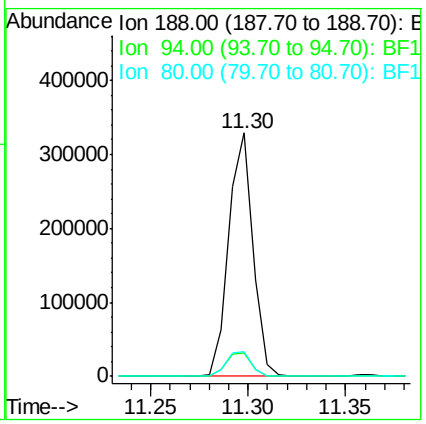


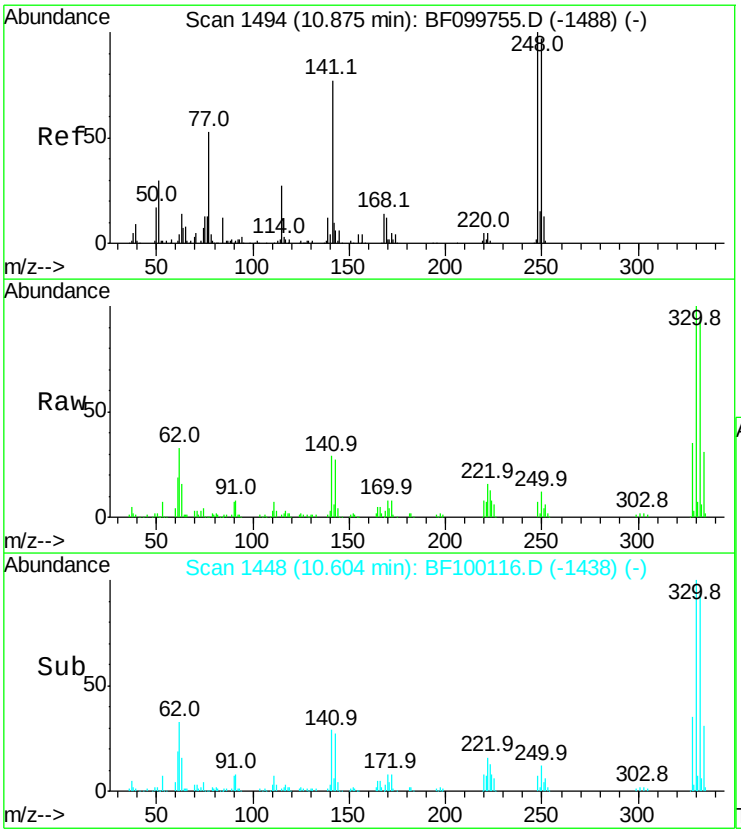
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 284252

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.0	9.2	13.8

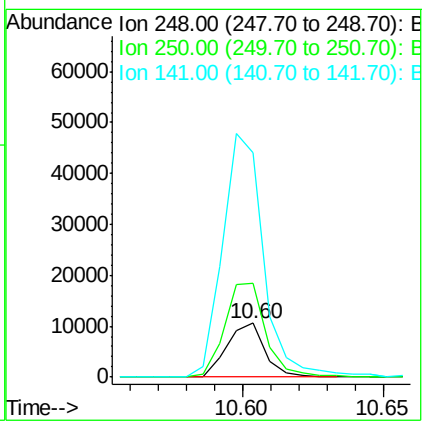


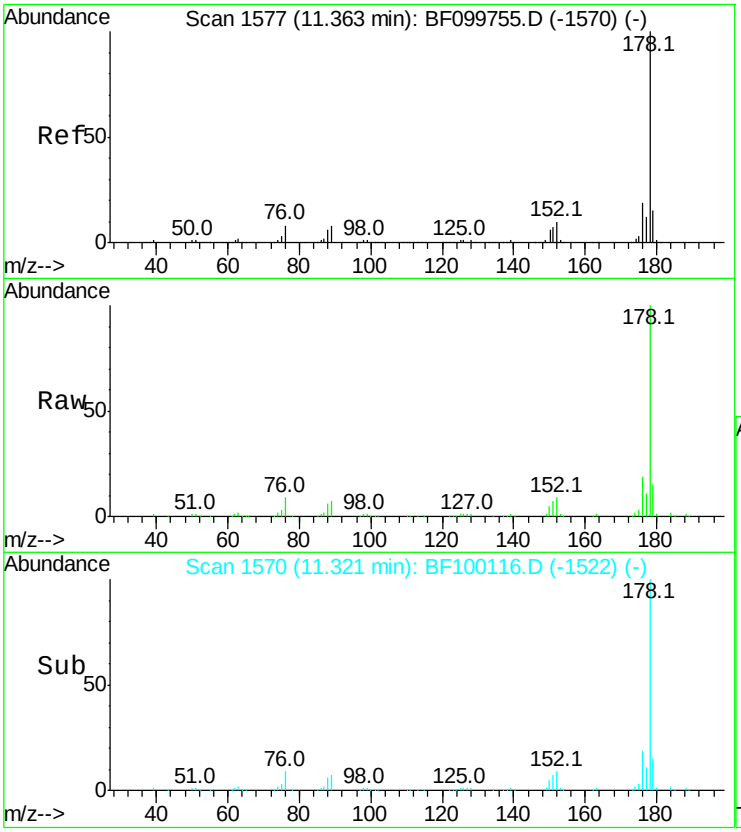


#66
4-Bromophenyl-phenylether
Concen: 3.280 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.24 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:248 Resp: 9815

Ion	Ratio	Lower	Upper
248	100		
250	176.0	76.9	115.3#
141	419.0	74.4	111.6#



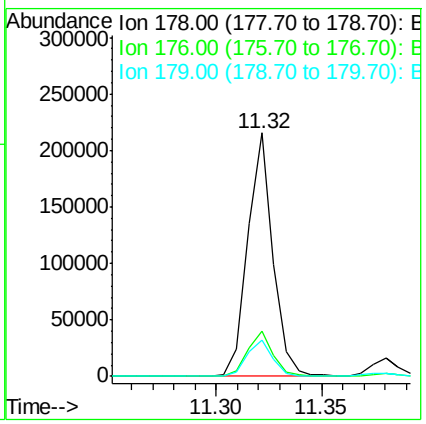


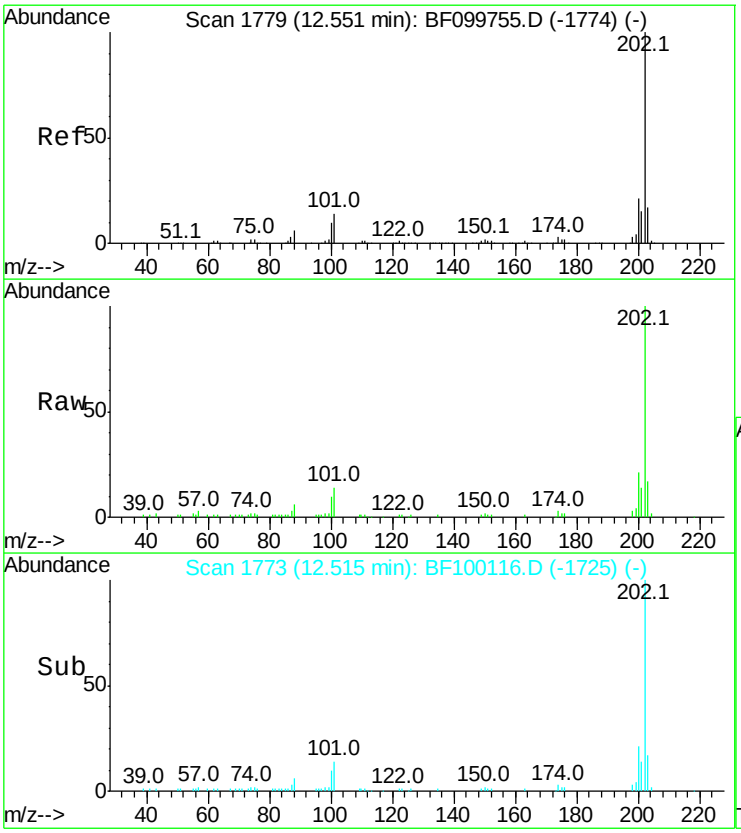
#70
Phenanthrene
Concen: 11.130 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 178543

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.8	13.0	19.6

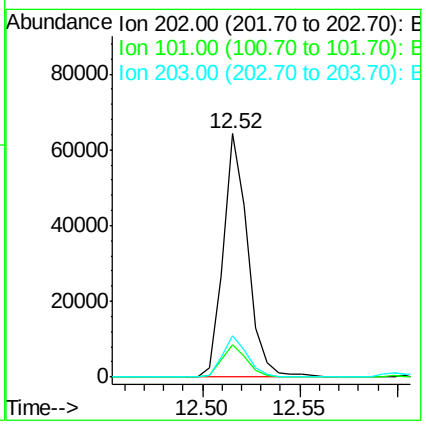


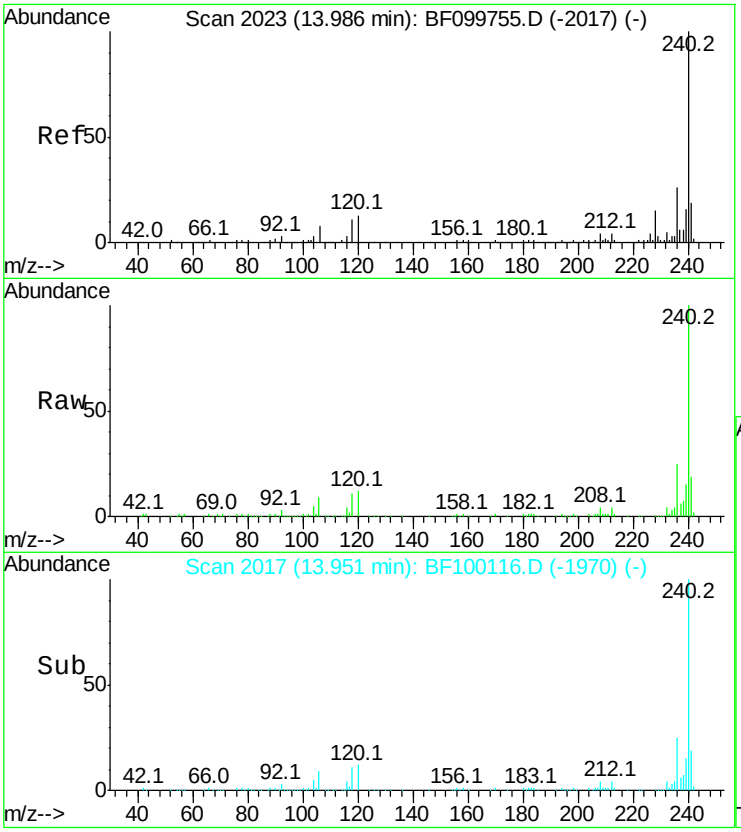


#74
Fluoranthene
Concen: 3.352 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:202 Resp: 55882

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.0	0.0	38.1



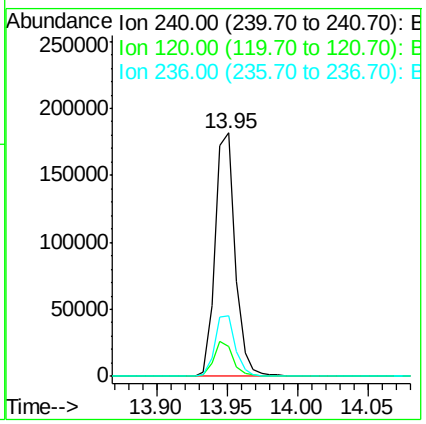


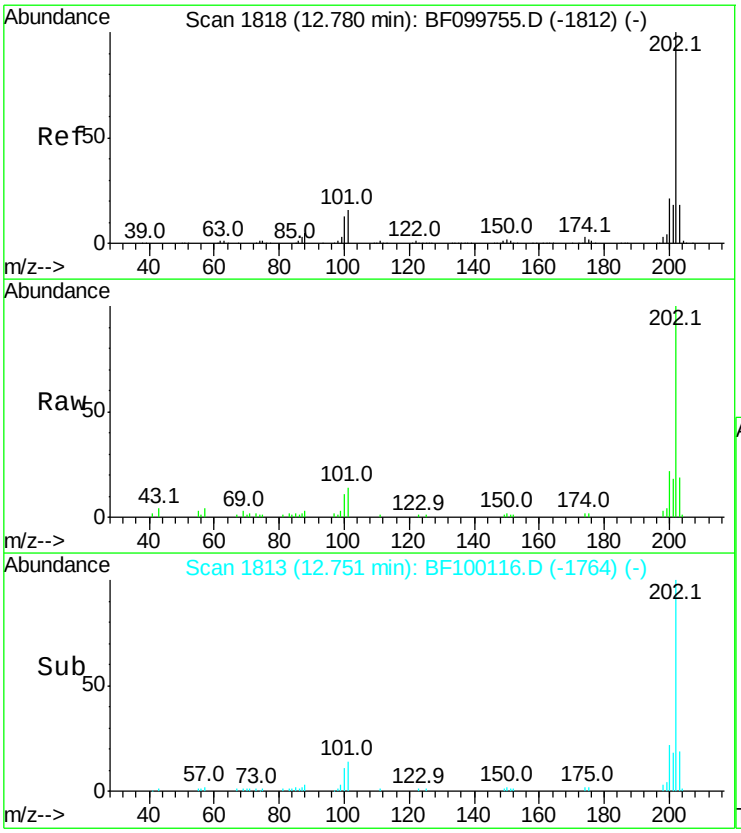
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 179719

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.0	20.7	31.1

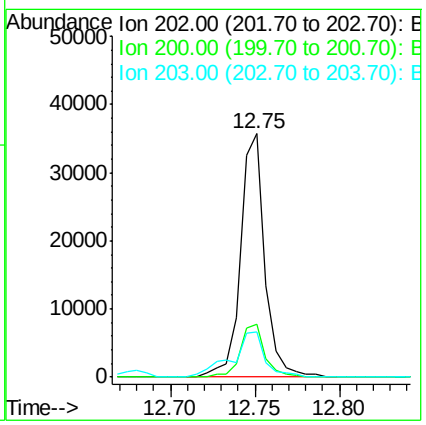


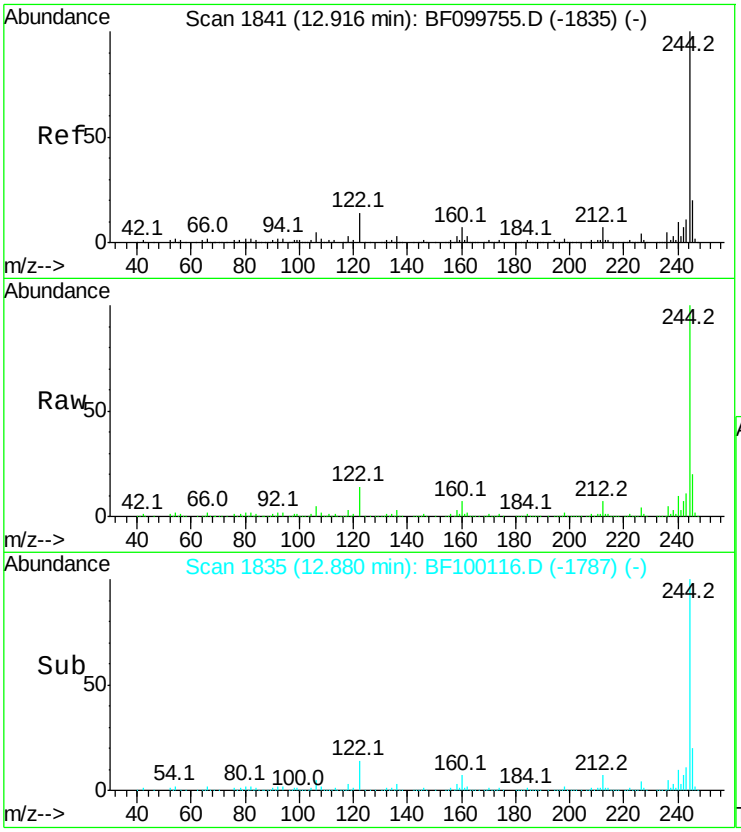


#77
Pyrene
Concen: 2.613 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:202 Resp: 35703

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.6	14.3	21.5



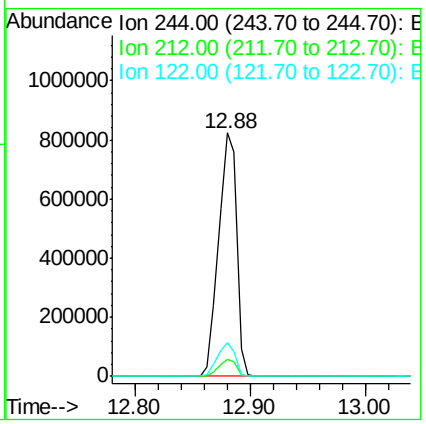


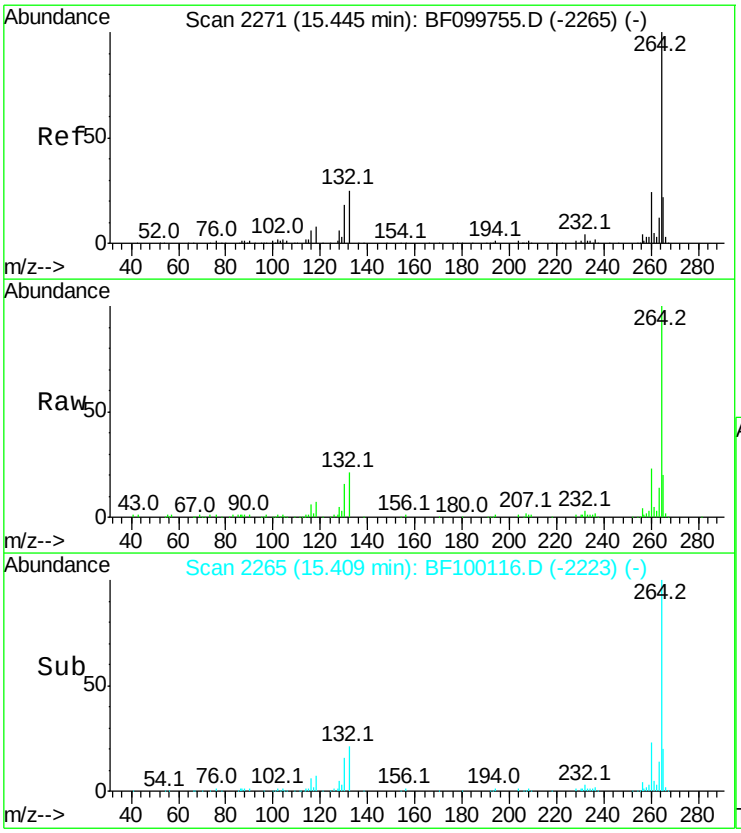
#78
Terphenyl-d14
Concen: 108.694 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 893870

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:264 Resp: 151191

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	19.8	17.5	26.3