Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

Quant Time: Oct 23 23:30:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:08:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99564	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	412144	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	194096	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	308433	20.00	ng		0.00
75) Chrysene-d12	13.97	240	171739	20.00	ng		-0.01
86) Perylene-d12	15.44	264	189746	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	359023	56.61	ng		0.00
7) Phenol-d6	6.44	99	258419	34.37	ng		-0.01
23) Nitrobenzene-d5	7.37	82	554663	86.64	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	202107	114.26	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1109362	88.18	ng		0.00
78) Terphenyl-d14	12.92	244	765299	97.38	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	11534	2.57	ng		91
15) Benzyl Alcohol	6.96	79	11967	2.50	ng	#	49
19) n-Nitroso-di-n-propylamine	7.37	70	70711	16.05	ng	#	73
25) Isophorone	7.37	82	554658	47.75	ng	#	64
31) Naphthalene	8.12	128	2427784	122.03	ng		99
33) 4-Chloroaniline	8.12	127	333659	40.62	ng	#	34
35) Caprolactam	8.80	113	5132	2.89	ng	#	1
37) 2-Methylnaphthalene	8.80	142	259595	19.47	ng		97
45) 1,1'-Biphenyl	9.26	154	61532	3.50	ng		96
50) 2,6-Dinitrotoluene	9.84	165	26732	8.27	ng	#	24
51) Acenaphthene	9.87	154	142956	11.91	ng		98
54) Dibenzofuran	10.05	168	191842	11.32	ng		98
55) 4-Nitrophenol	10.05	139	68760	34.56	ng	#	10
56) 2,4-Dinitrotoluene	9.84	165	26732	6.87	ng	#	22
57) Fluorene	10.39	166	107909	7.69	ng		100
66) 4-Bromophenyl-phenylether	10.64	248	13469	4.15	ng	#	1
70) Phenanthrene	11.36	178	163416	9.39	ng		97

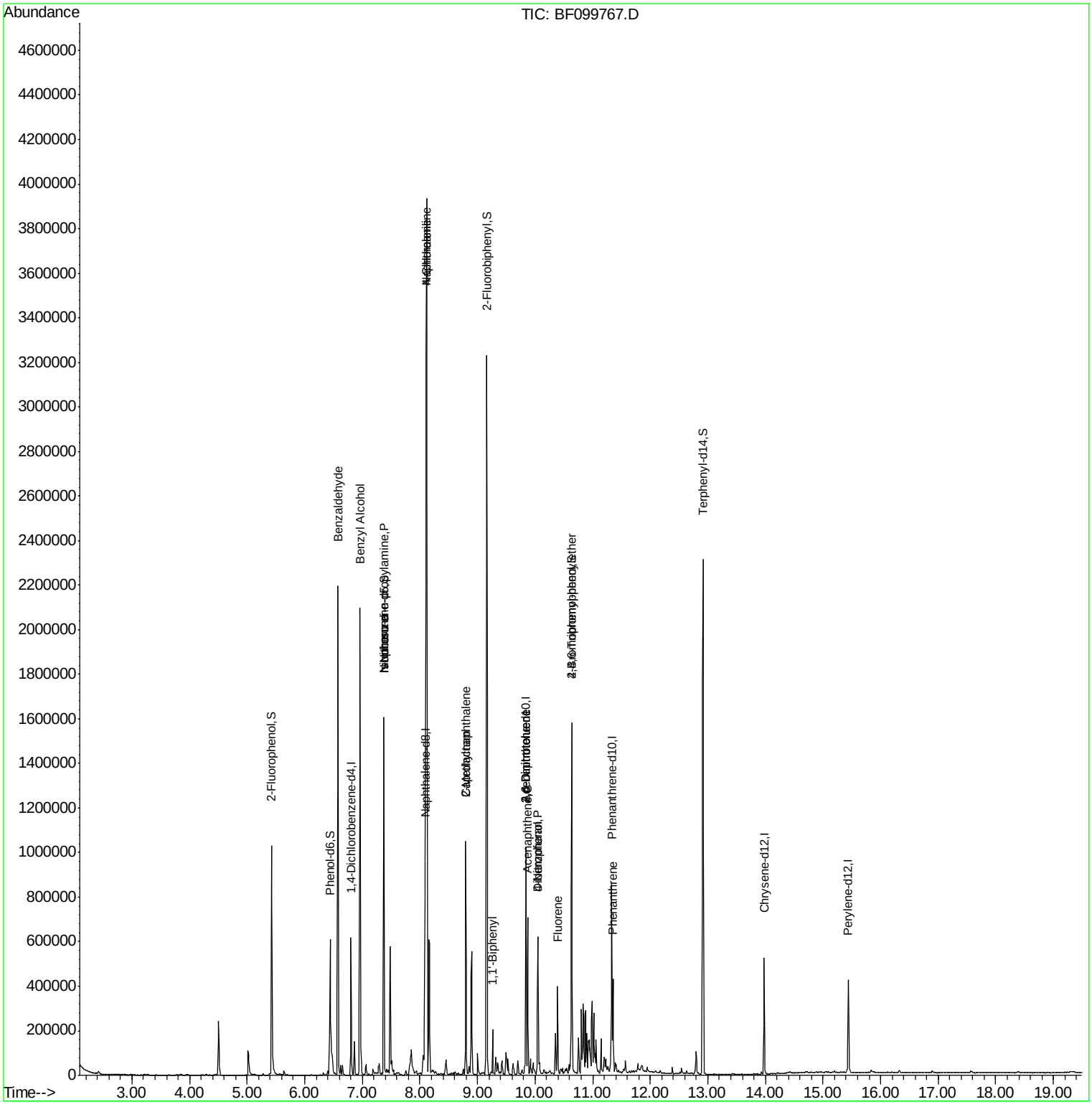
(#) = qualifier out of range (m) = manual integration (+) = signals summed

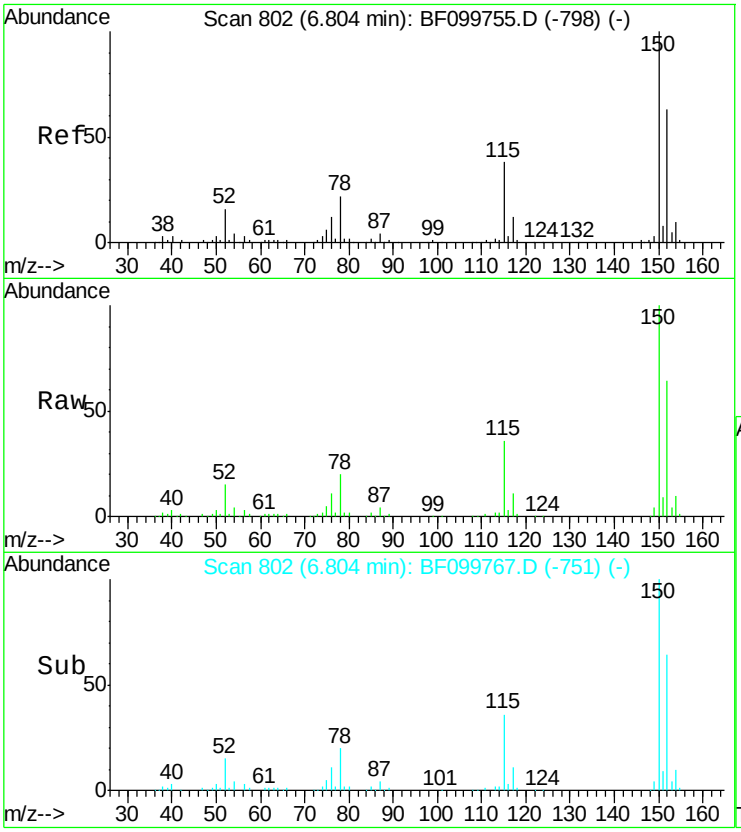
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Quant Time: Oct 23 23:30:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:08:33 2017
Response via : Initial Calibration



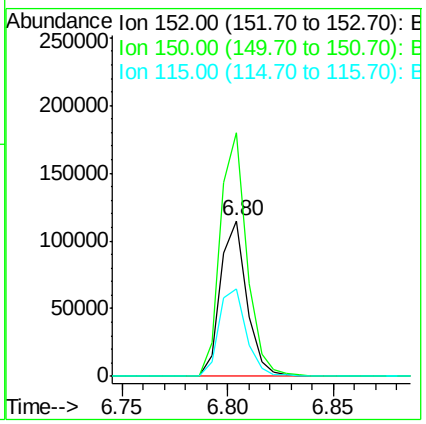


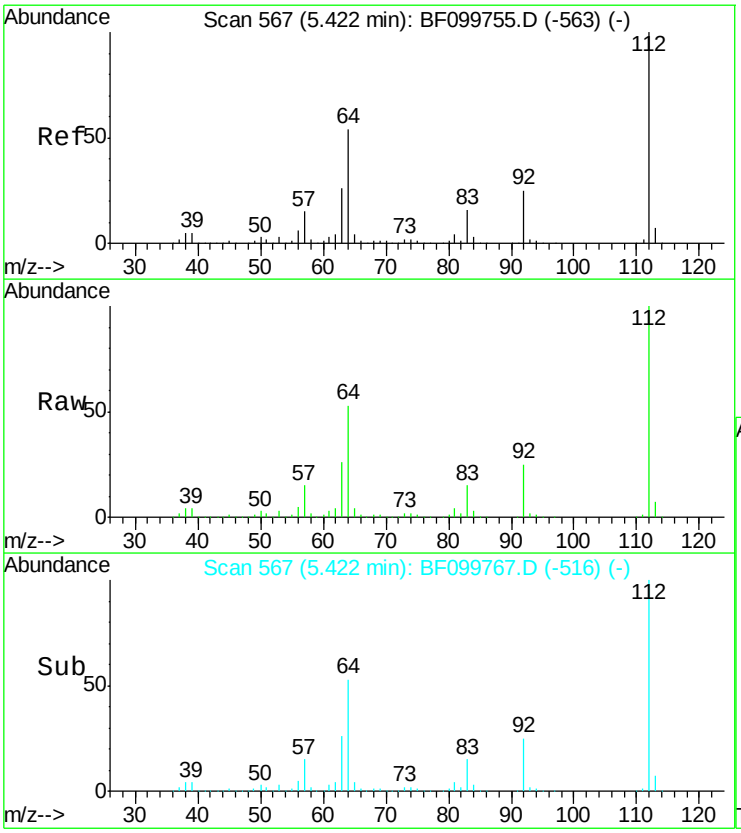
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:152 Resp: 99564

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	56.4	50.1	75.1

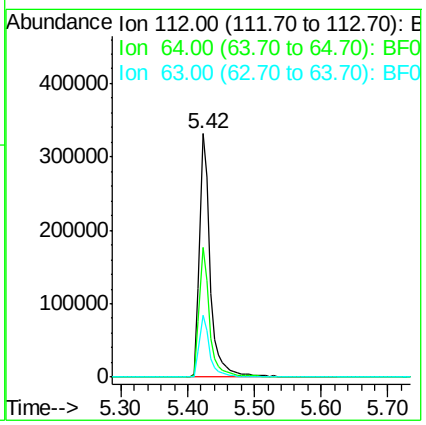


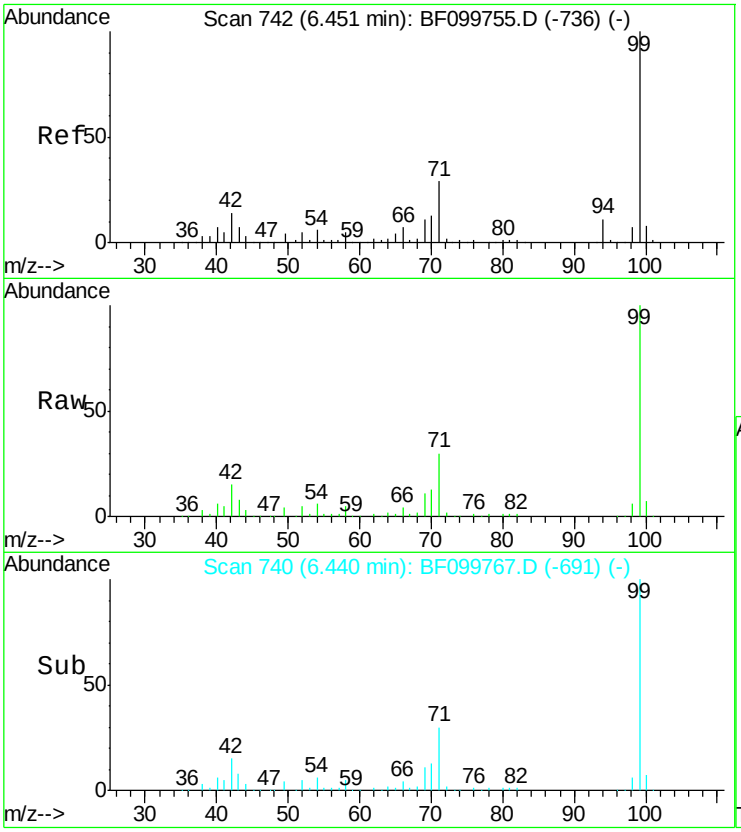


#5
2-Fluorophenol
Concen: 56.61 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:112 Resp: 359023

Ion	Ratio	Lower	Upper
112	100		
64	53.1	47.9	71.9
63	25.6	23.7	35.5



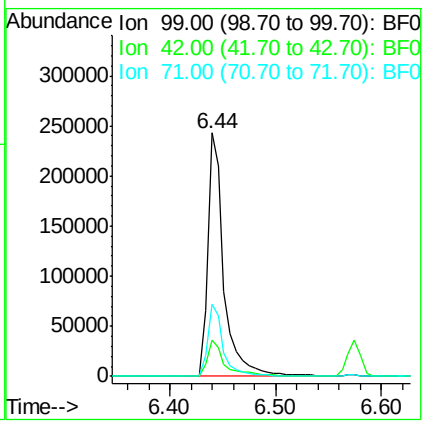


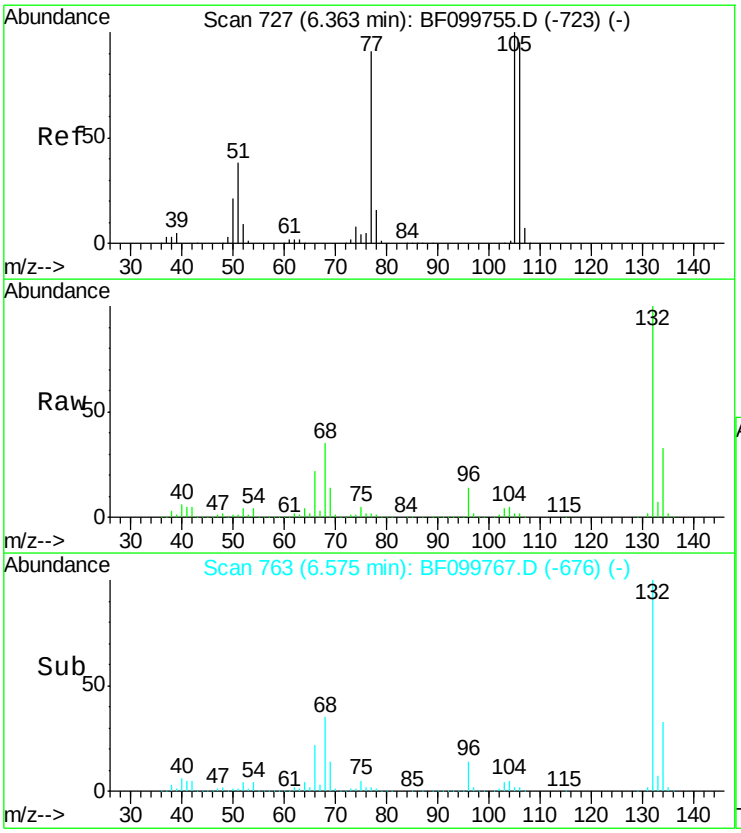
#7
Phenol-d6
Concen: 34.37 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion: 99 Resp: 258419

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	29.6	25.4	38.0

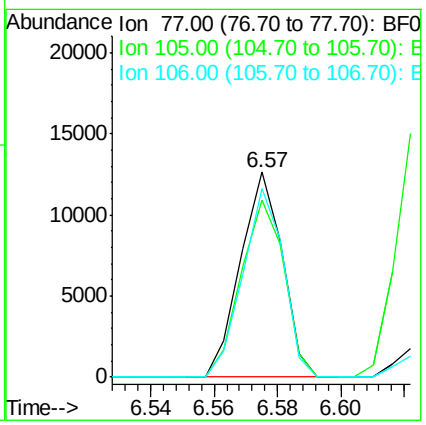


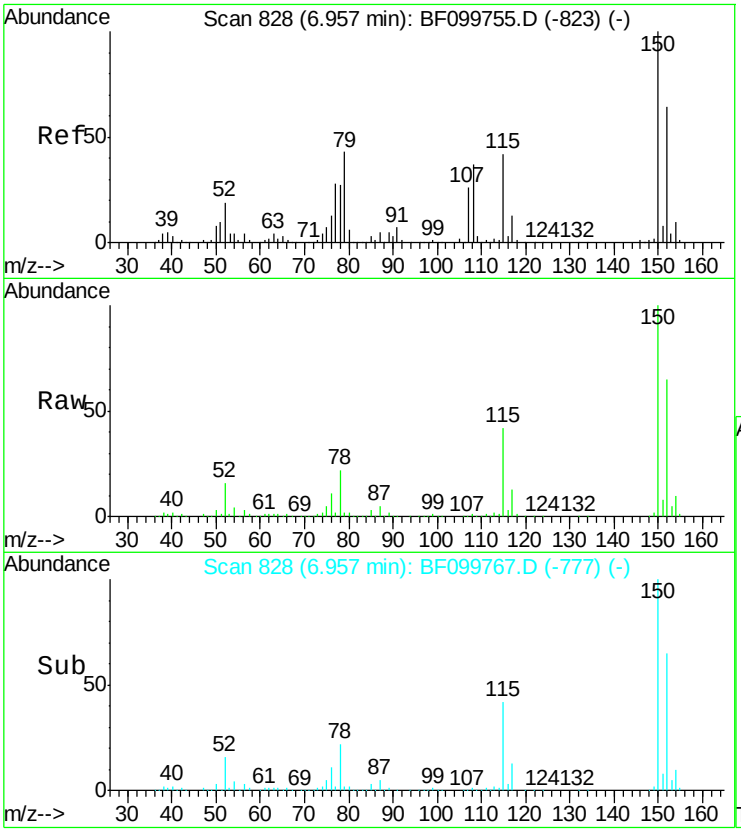


#9
Benzaldehyde
Concen: 2.57 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.21 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion: 77 Resp: 11534

Ion	Ratio	Lower	Upper
77	100		
105	86.7	81.1	121.1
106	92.0	74.5	114.5



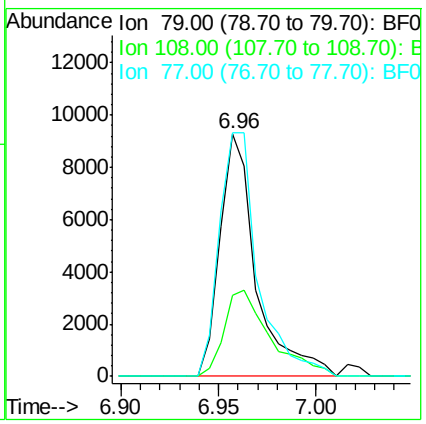


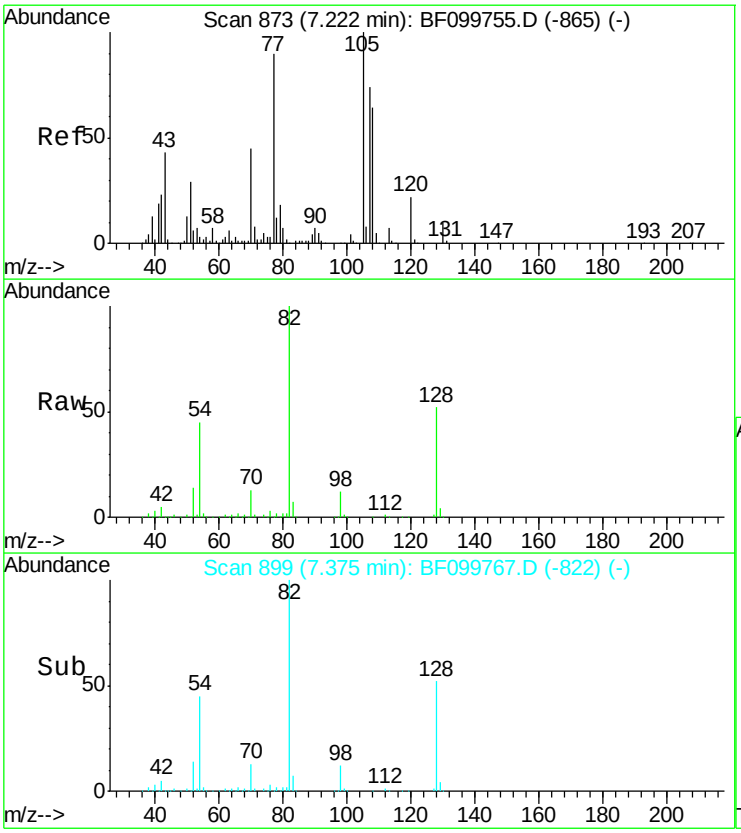
#15
Benzyl Alcohol
Concen: 2.50 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion: 79 Resp: 11967

Ion	Ratio	Lower	Upper
79	100		
108	33.2	65.1	97.7#
77	100.2	50.6	75.8#

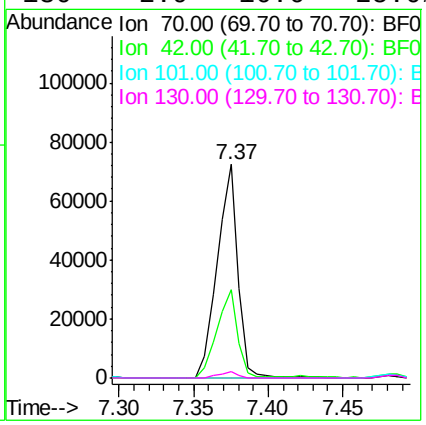


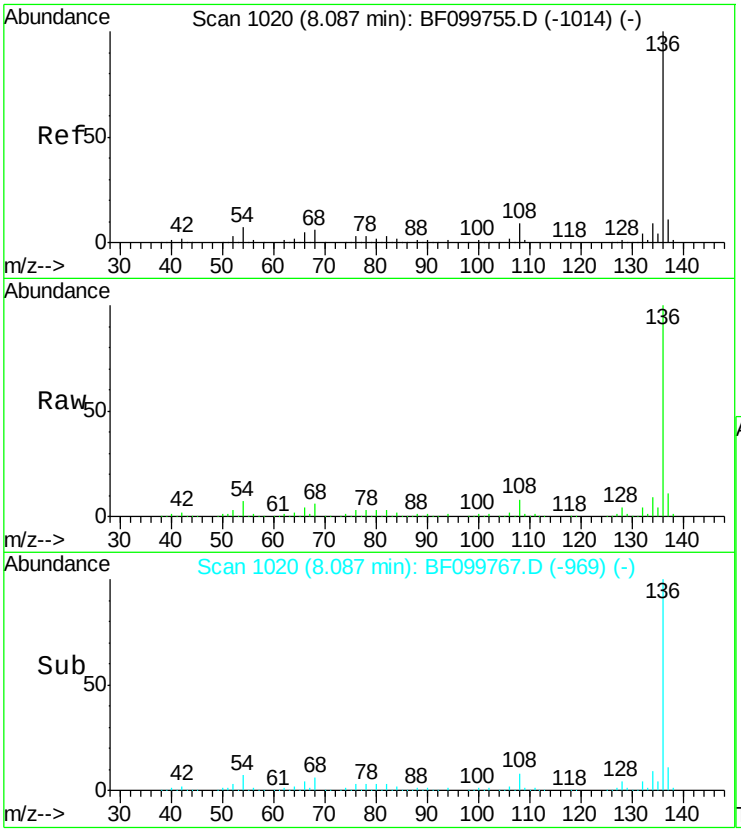


#19
n-Nitroso-di-n-propylamine
Concen: 16.05 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion: 70 Resp: 70711

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#



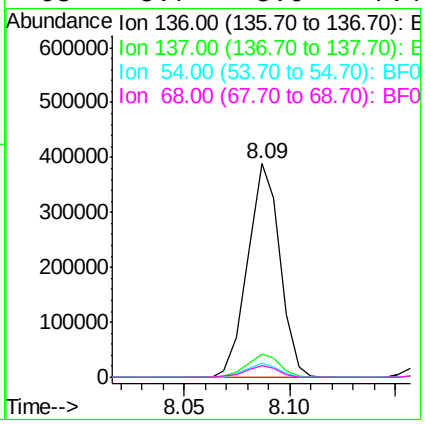


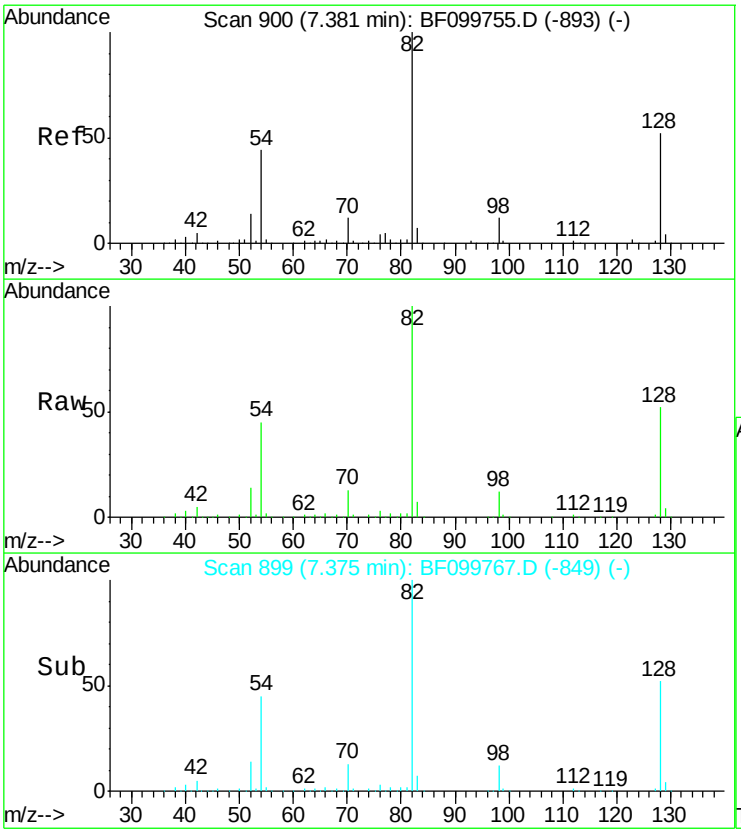
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:136 Resp: 412144

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.9	6.6	9.8
68	5.7	5.0	7.4

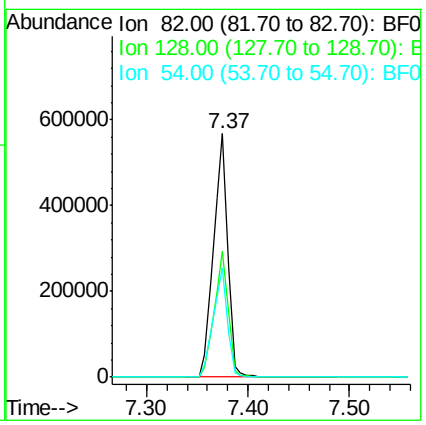


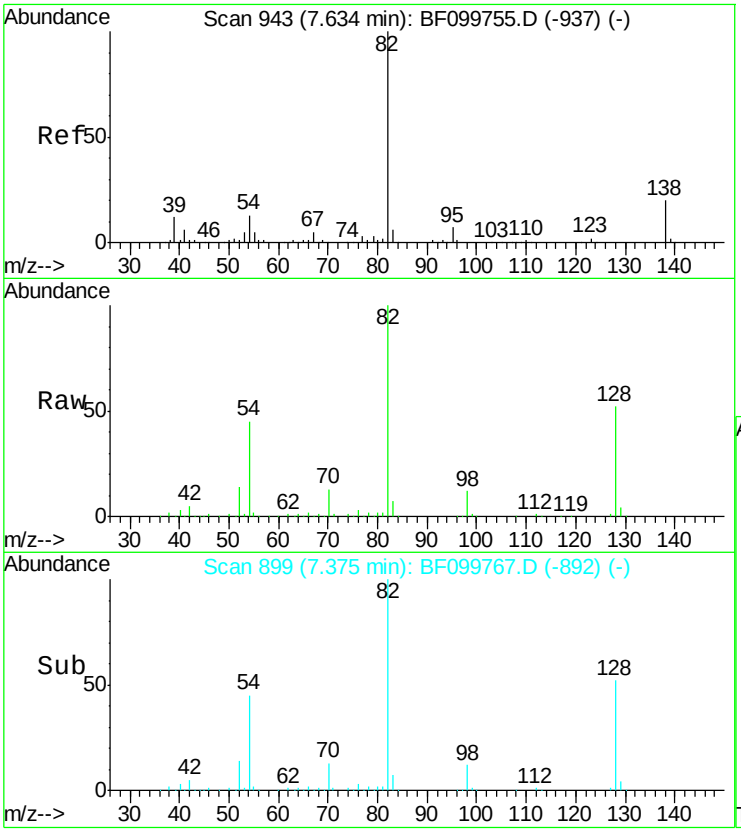


#23
Nitrobenzene-d5
Concen: 86.64 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion: 82 Resp: 554663

Ion	Ratio	Lower	Upper
82	100		
128	51.6	36.1	54.1
54	44.7	41.4	62.2



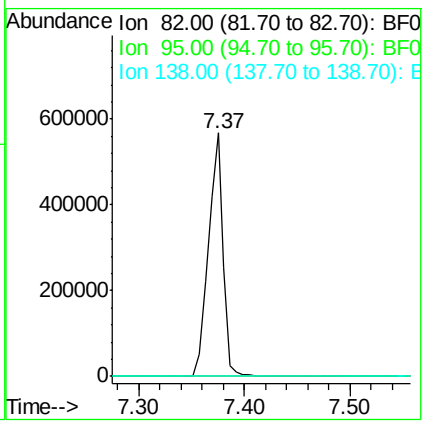


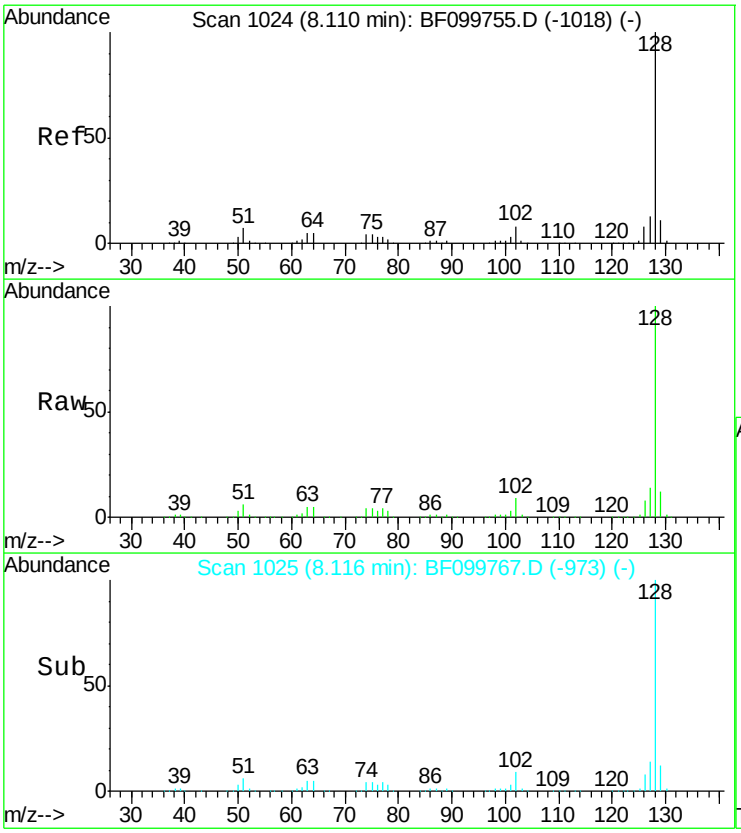
#25
Isophorone
Concen: 47.75 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion: 82 Resp: 554658

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

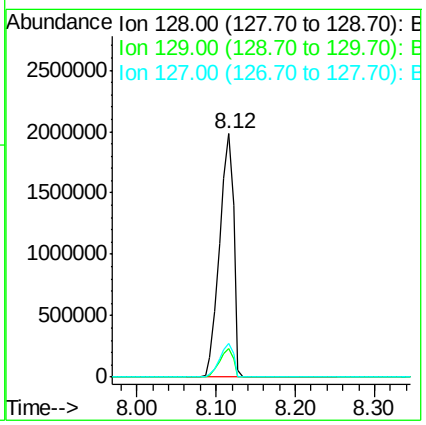


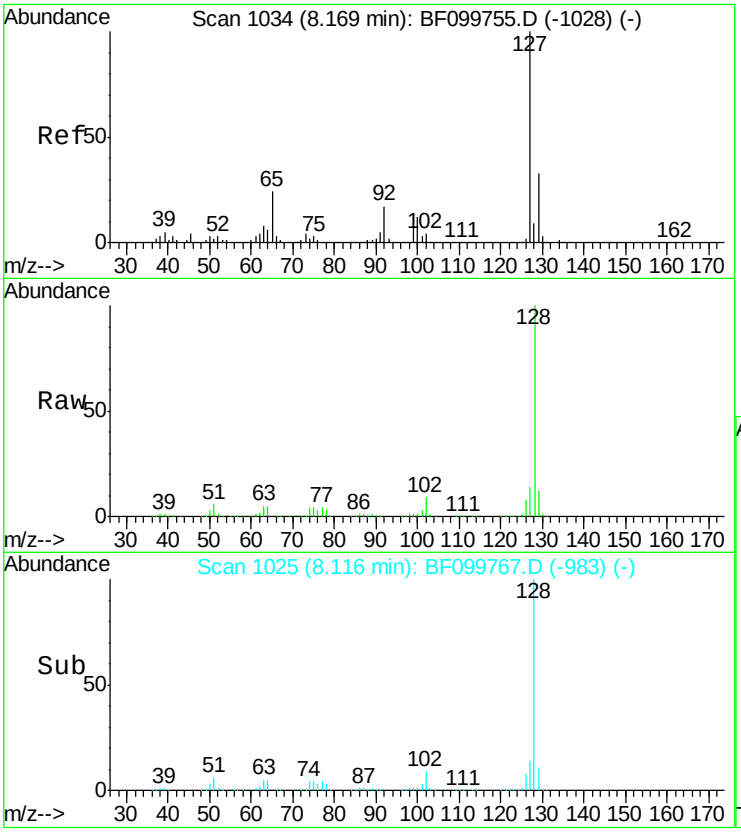


#31
Naphthalene
Concen: 122.03 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:128 Resp: 2427784

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.0	10.9	16.3



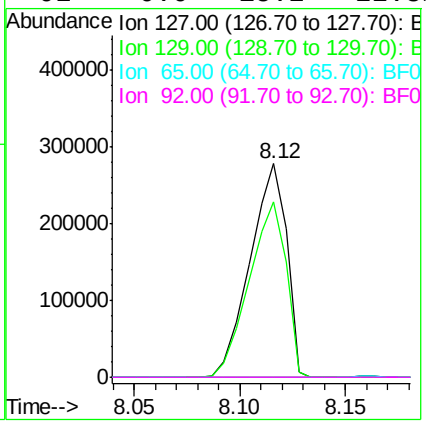


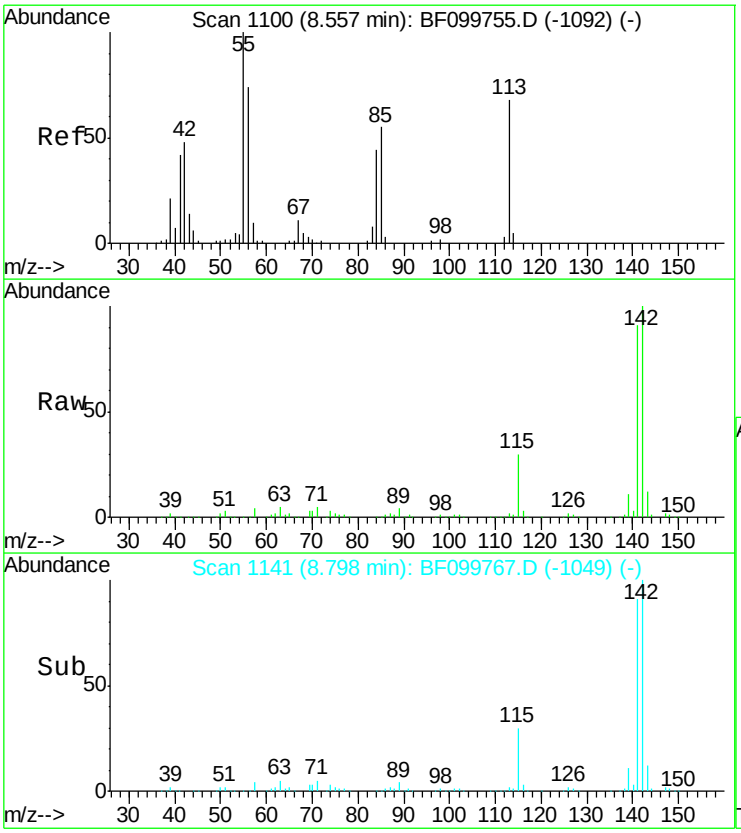
#33
4-Chloroaniline
Concen: 40.62 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:127 Resp: 333659

Ion	Ratio	Lower	Upper
127	100		
129	82.2	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

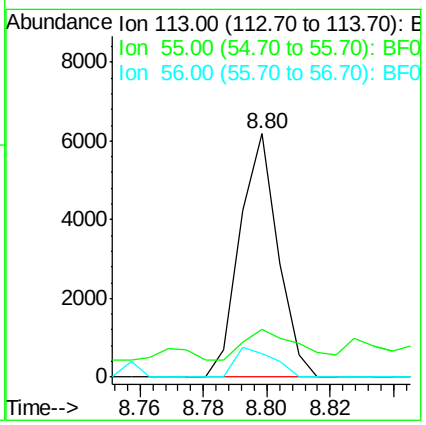


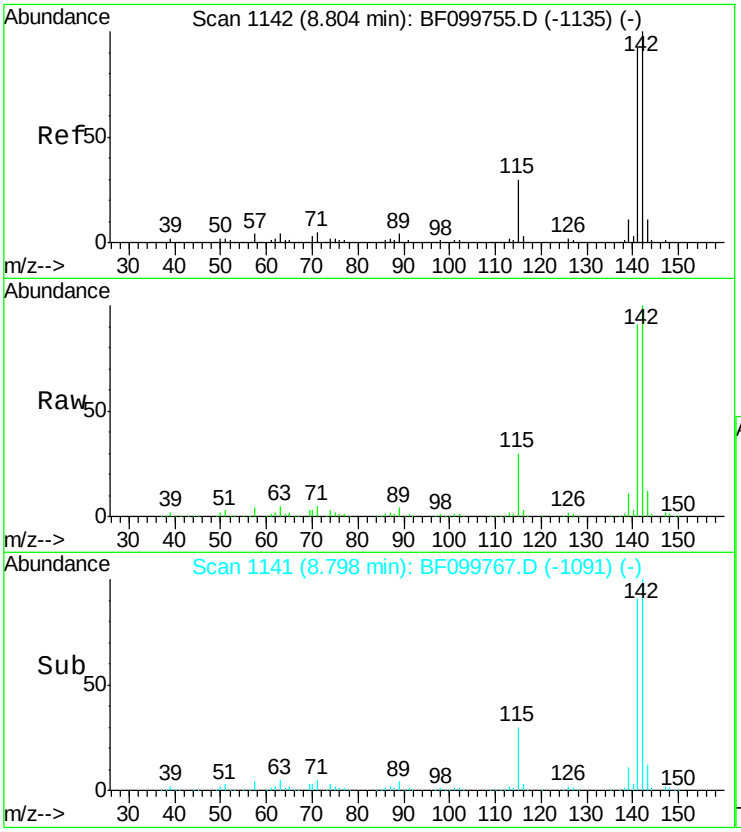


#35
Caprolactam
Concen: 2.89 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.24 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:113 Resp: 5132

Ion	Ratio	Lower	Upper
113	100		
55	19.9	163.3	203.3#
56	9.6	115.7	155.7#



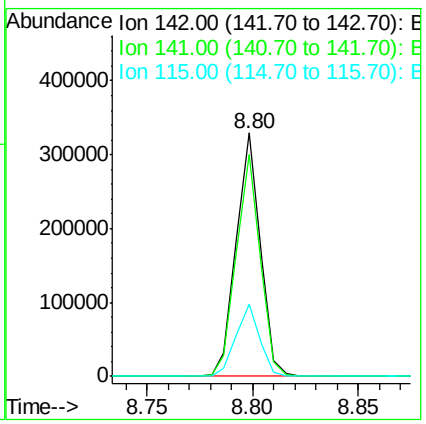


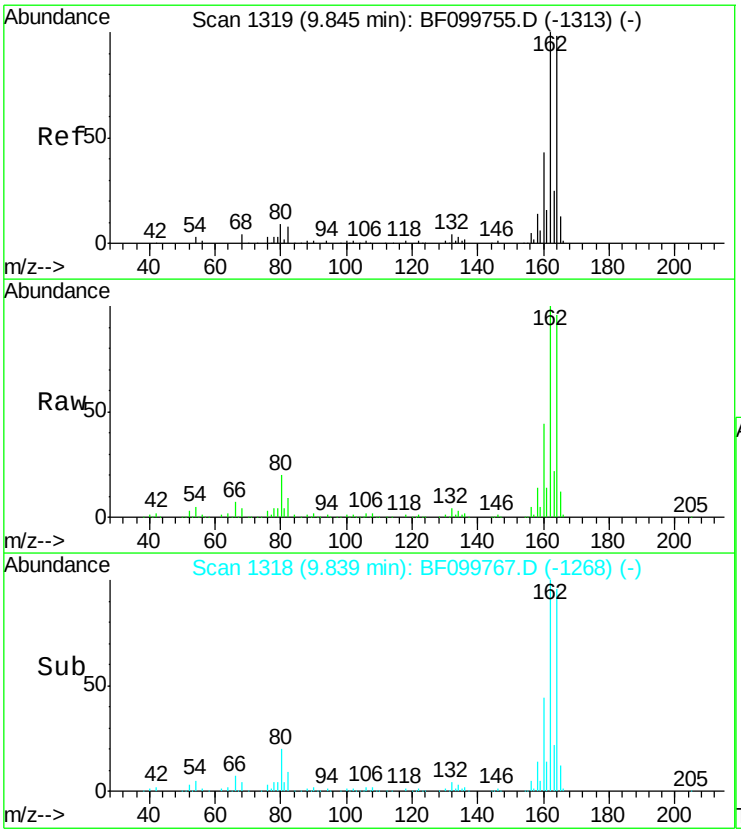
#37
2-Methylnaphthalene
Concen: 19.47 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:142 Resp: 259595

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	29.8	26.1	39.1

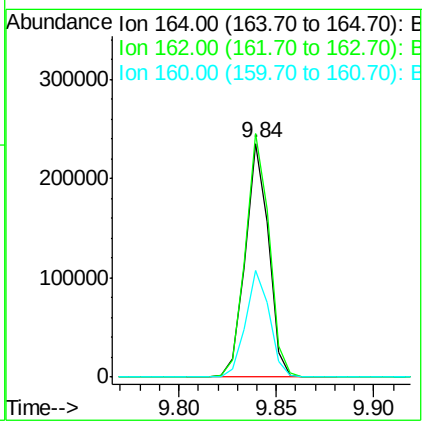


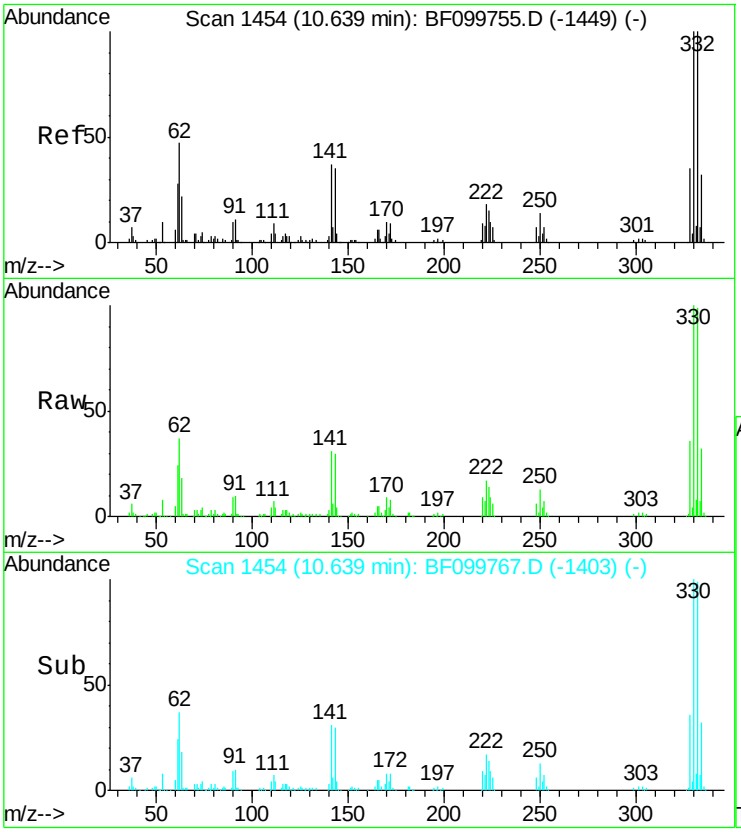


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:164 Resp: 194096

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.7	38.3	57.5



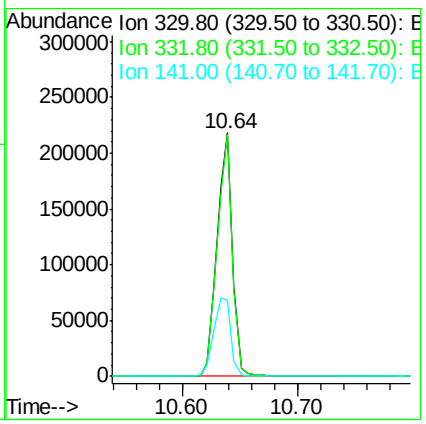


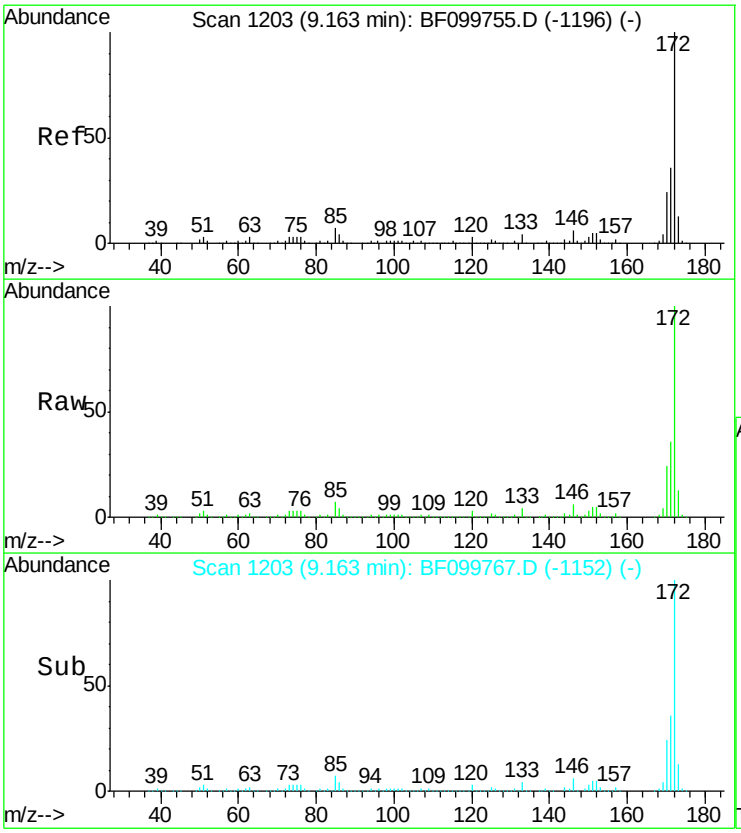
#41
2,4,6-Tribromophenol
Concen: 114.26 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:330 Resp: 202107

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	36.1	29.9	44.9

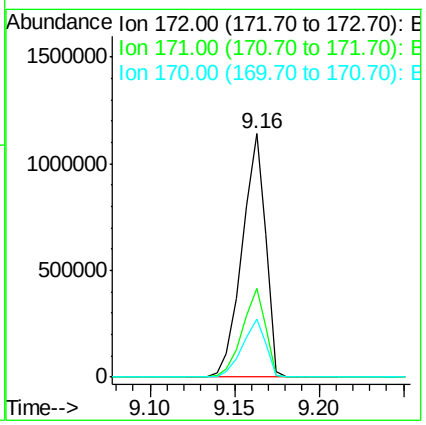


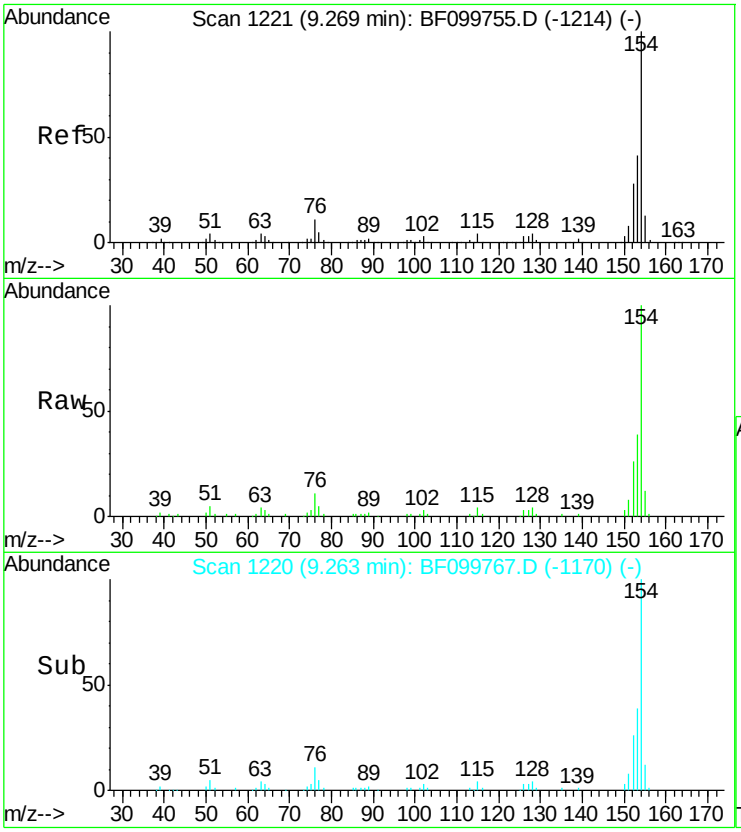


#44
2-Fluorobiphenyl
Concen: 88.18 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:172 Resp: 1109362

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



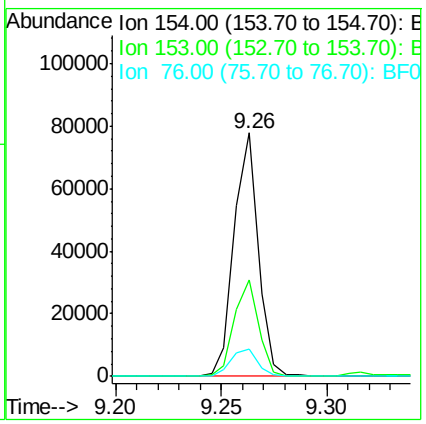


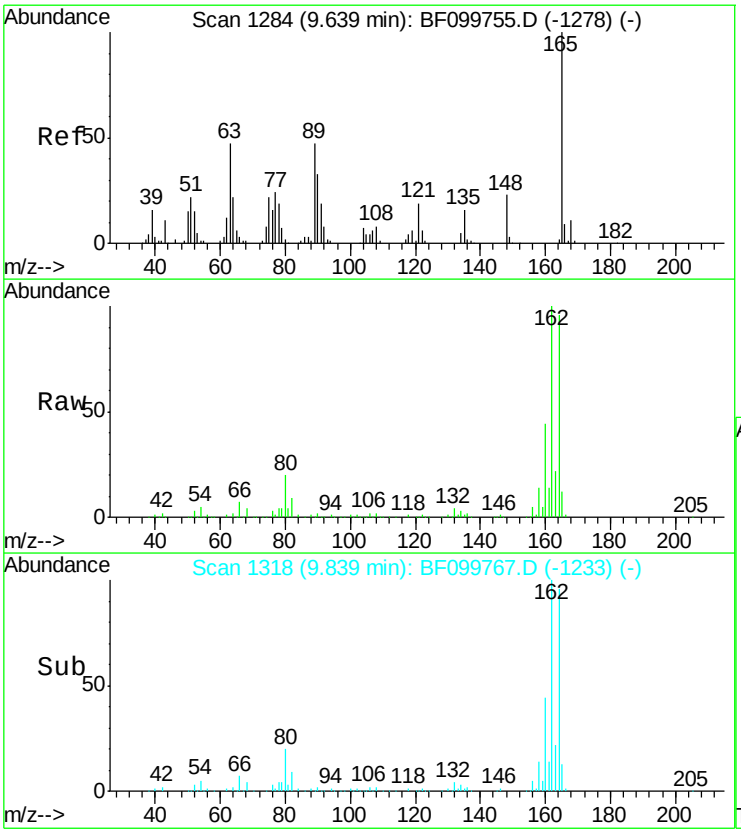
#45
1,1'-Biphenyl
Concen: 3.50 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:154 Resp: 61532

Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.3	61.3
76	11.0	0.0	34.0

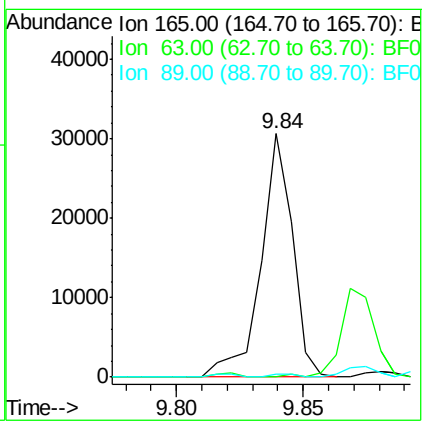


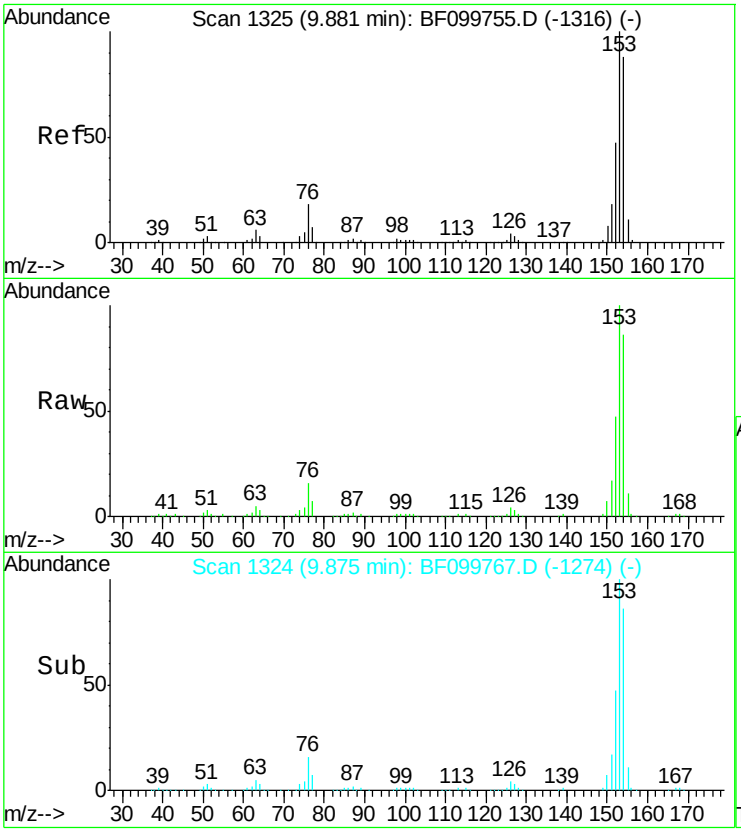


#50
2,6-Dinitrotoluene
Concen: 8.27 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:165 Resp: 26732

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.1	44.0	66.0#



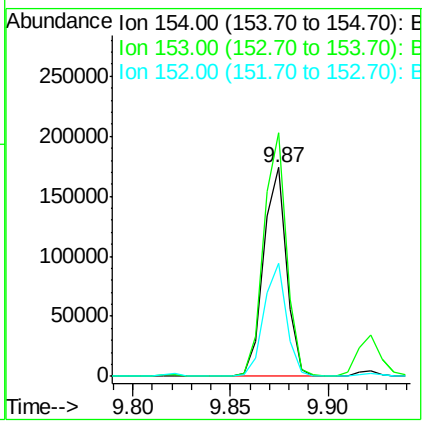


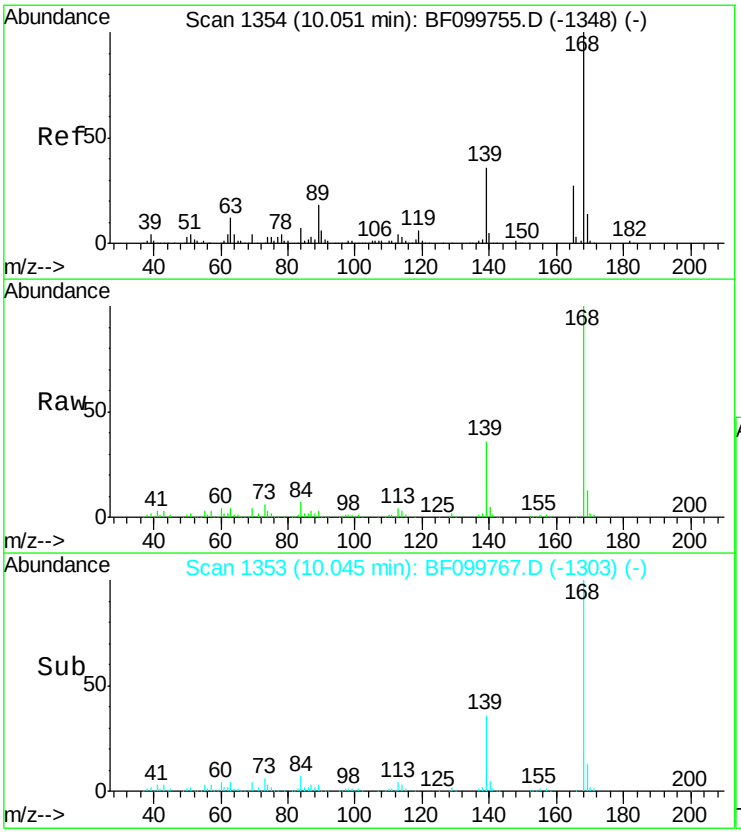
#51
Acenaphthene
Concen: 11.91 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:154 Resp: 142956

Ion	Ratio	Lower	Upper
154	100		
153	116.8	91.2	136.8
152	54.5	43.8	65.8

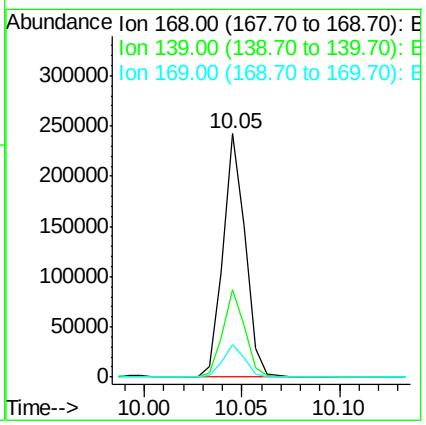


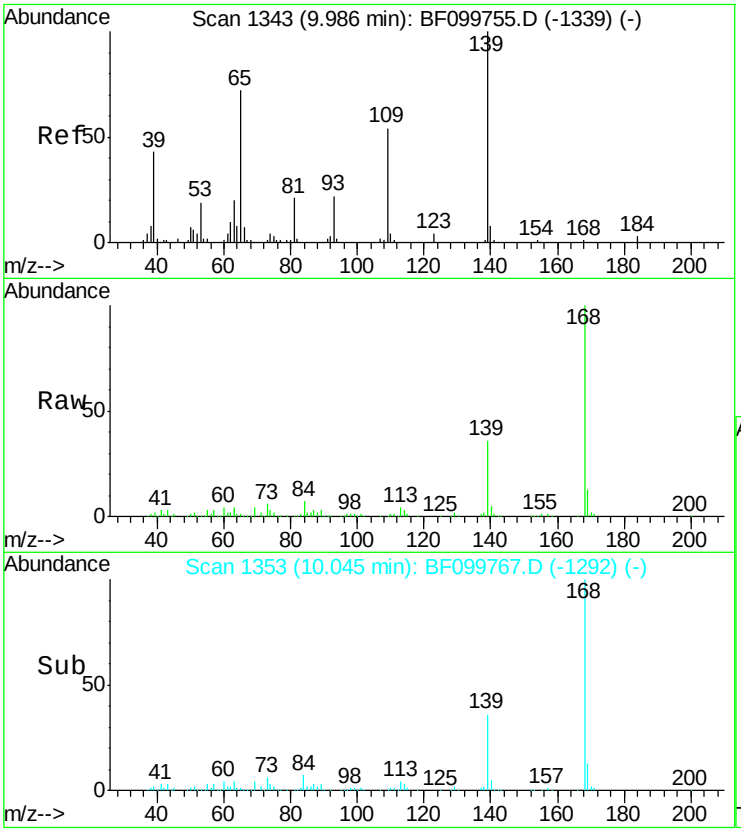


#54
Dibenzofuran
Concen: 11.32 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:168 Resp: 191842

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	13.1	10.9	16.3



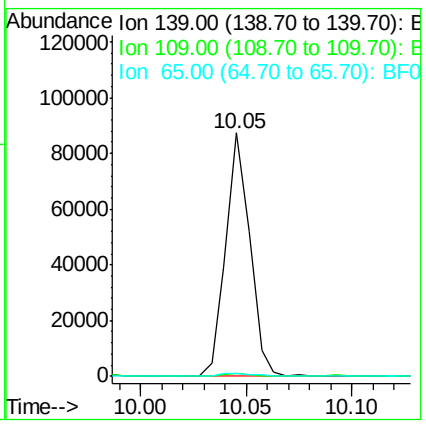


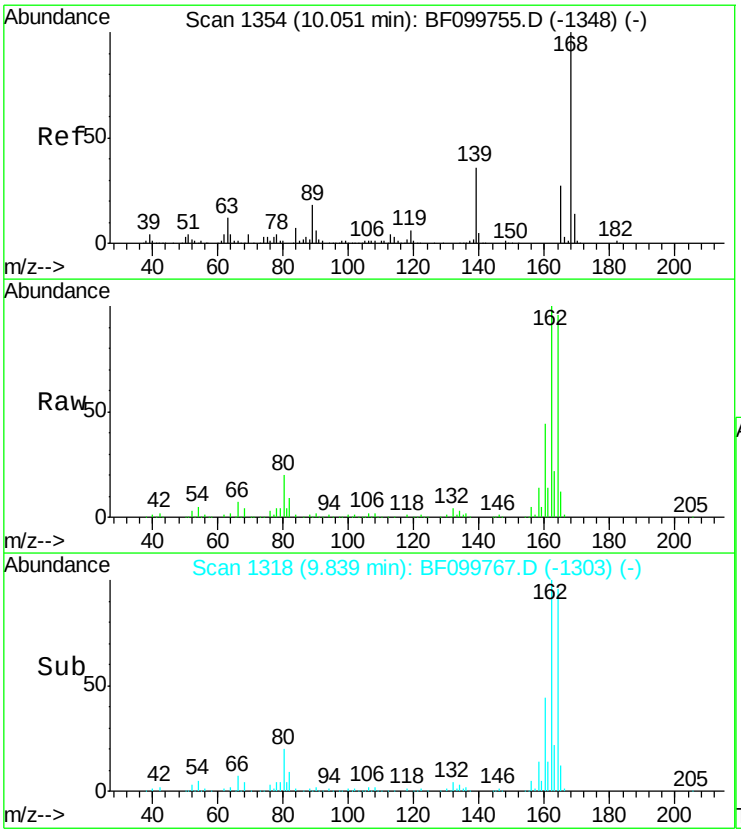
#55
4-Nitrophenol
Concen: 34.56 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.06 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:139 Resp: 68760

Ion	Ratio	Lower	Upper
139	100		
109	1.0	48.4	88.4#
65	1.4	72.6	112.6#

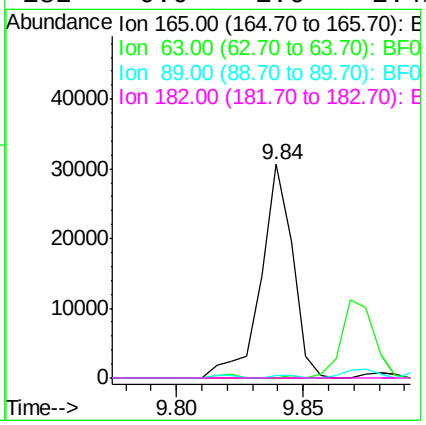


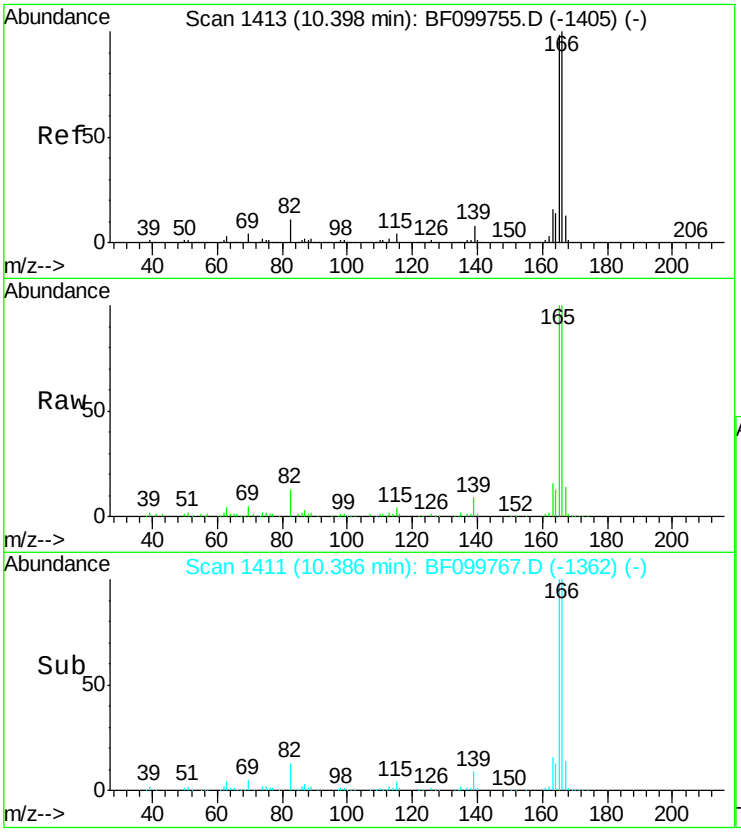


#56
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:165 Resp: 26732

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



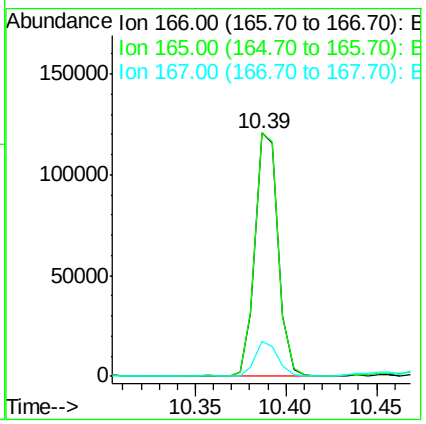


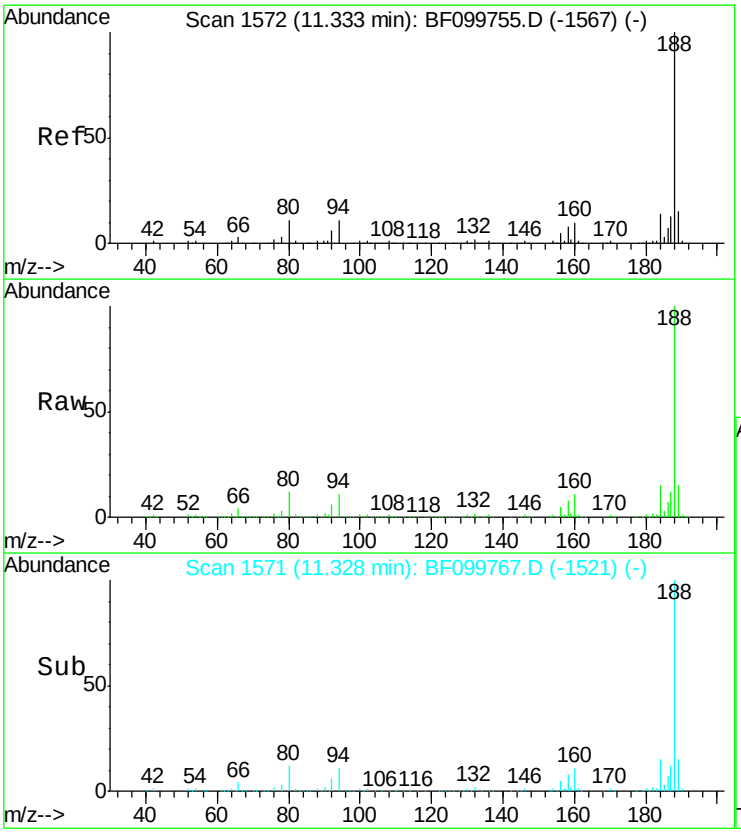
#57
Fluorene
Concen: 7.69 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:166 Resp: 107909

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	14.4	10.6	16.0

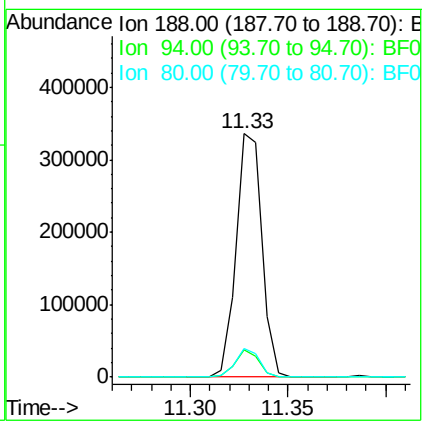


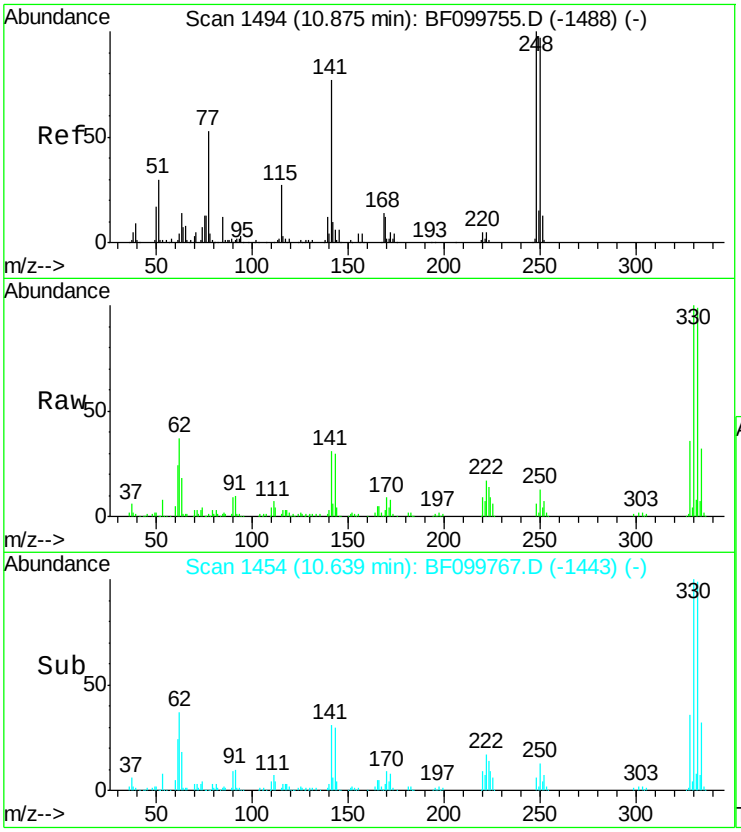


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:188 Resp: 308433

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.6	9.2	13.8



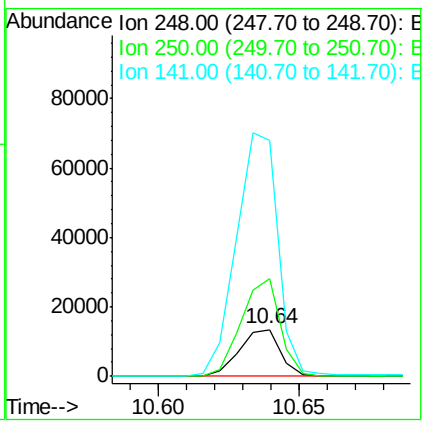


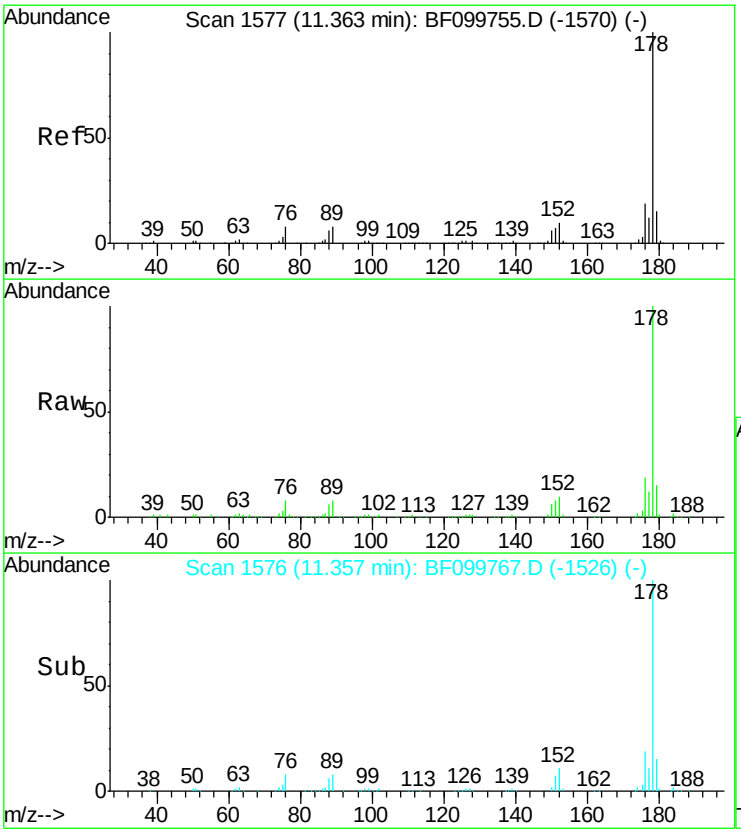
#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:248 Resp: 13469

Ion	Ratio	Lower	Upper
248	100		
250	210.0	76.9	115.3#
141	504.5	74.4	111.6#

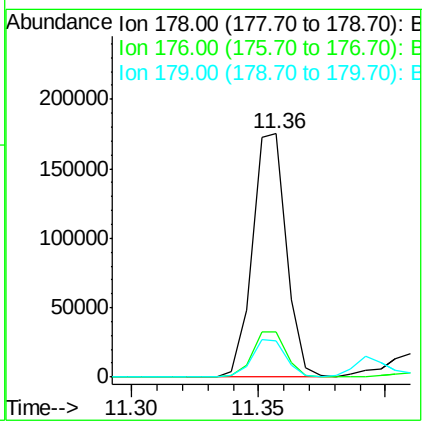


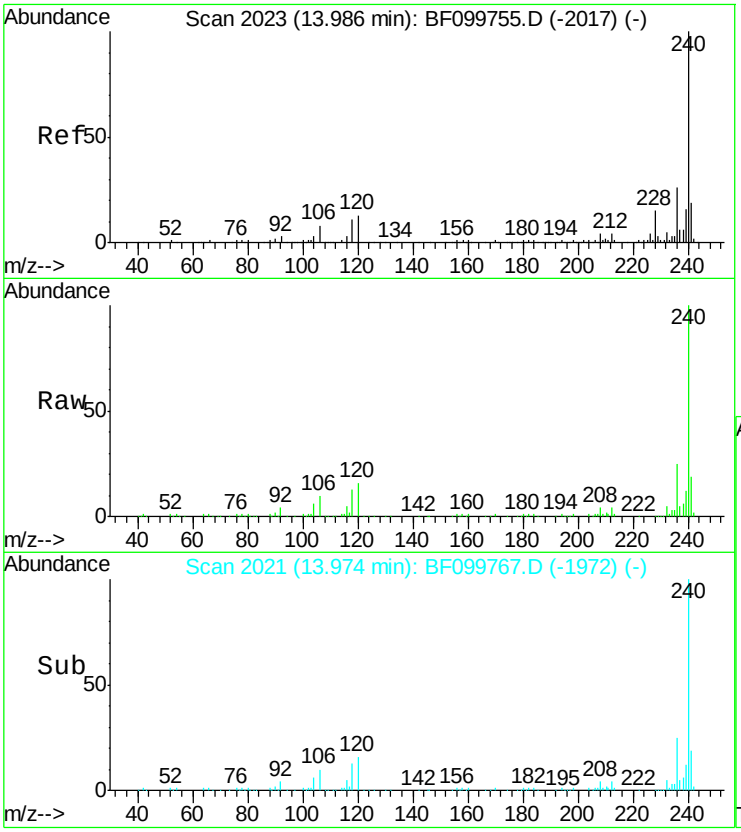


#70
Phenanthrene
Concen: 9.39 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:178 Resp: 163416

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.9	13.0	19.6



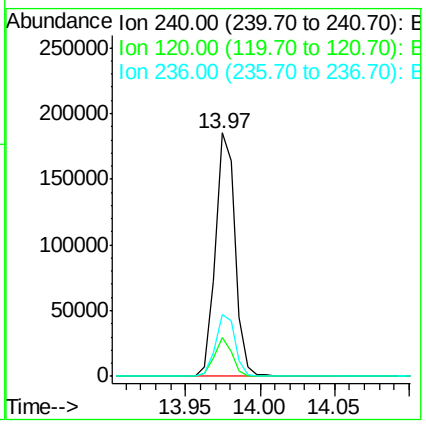


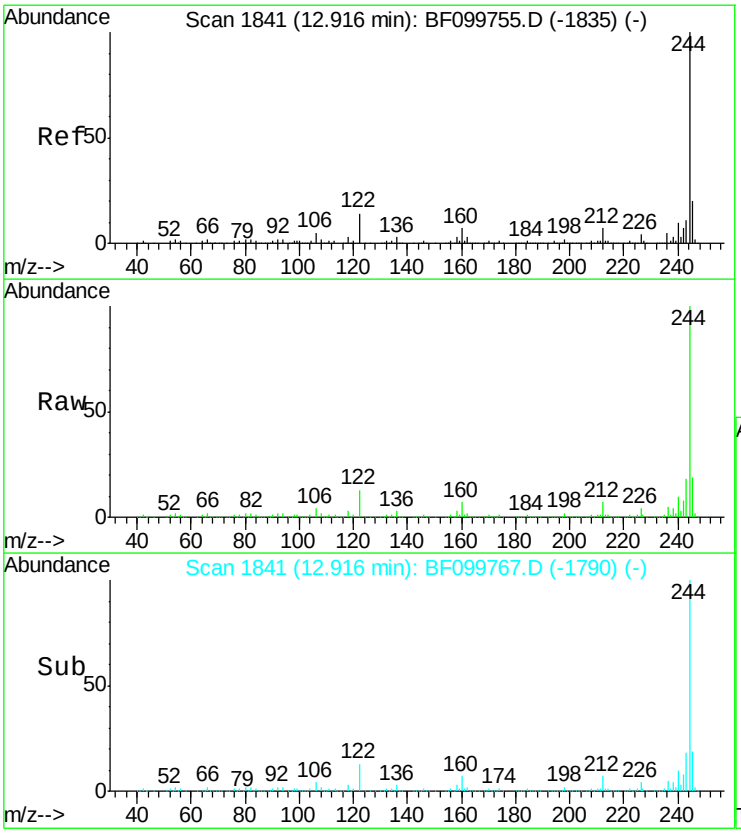
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:240 Resp: 171739

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	25.4	20.7	31.1

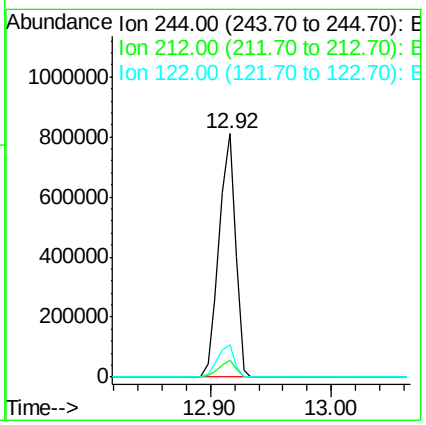


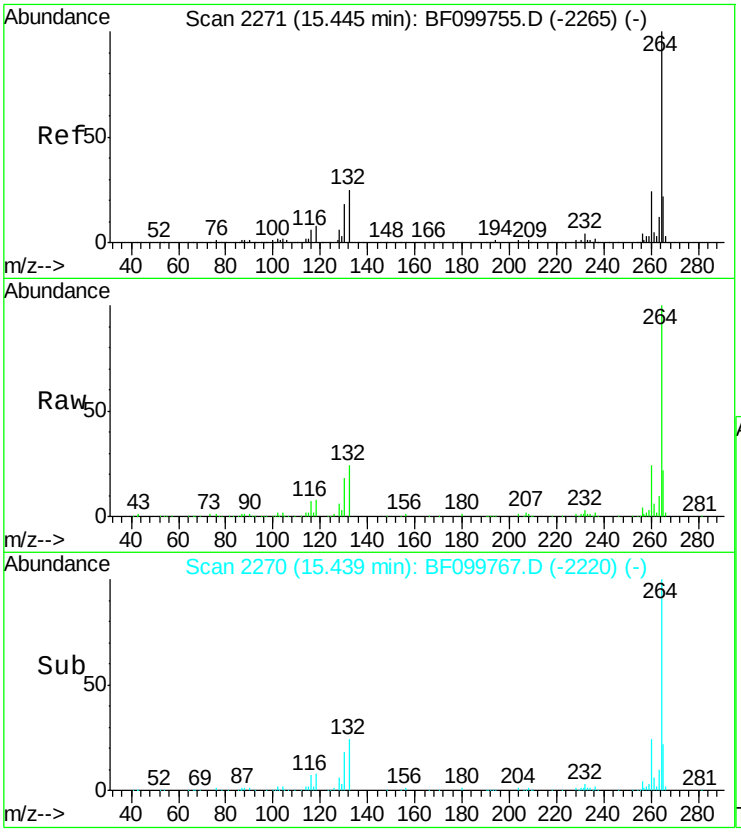


#78
Terphenyl-d14
Concen: 97.38 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:244 Resp: 765299

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tgt Ion:264 Resp: 189746

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3