Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117107.D
Acq On : 17 Sep 2019 15:30
Operator : HP/JU
Sample : K4883-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 18 03:50:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	71409	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	275928	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	143441	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	232591	20.00	ng		0.00
76) Chrysene-d12	13.97	240	155182	20.00	ng		0.00
87) Perylene-d12	15.42	264	133132	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	260602	56.98	ng		0.00
7) Phenol-d6	6.46	99	205899	34.83	ng		0.00
23) Nitrobenzene-d5	7.39	82	492450	93.77	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	177820	148.33	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	894910	97.55	ng		0.00
79) Terphenyl-d14	12.92	244	775371	93.40	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	12625	Below Cal		#	71
10) Phenol	6.47	94	15478	2.375	ng		94
12) 1,3-Dichlorobenzene	6.84	146	14225	2.569	ng		96
13) 1,4-Dichlorobenzene	6.84	146	14225	2.517	ng		95
14) 1,2-Dichlorobenzene	6.84	146	14225	2.704	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	65957	18.324	ng	#	78
25) Isophorone	7.39	82	492447	52.961	ng	#	66
50) Dimethylphthalate	9.57	163	26034	2.563	ng		97
51) 2,6-Dinitrotoluene	9.85	165	17927	8.667	ng	#	25
57) 2,4-Dinitrotoluene	9.85	165	17927	6.677	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.64	198	352	7.187	ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	11151	4.695	ng	#	1
77) Benzidine	12.92	184	11110	2.223	ng		96

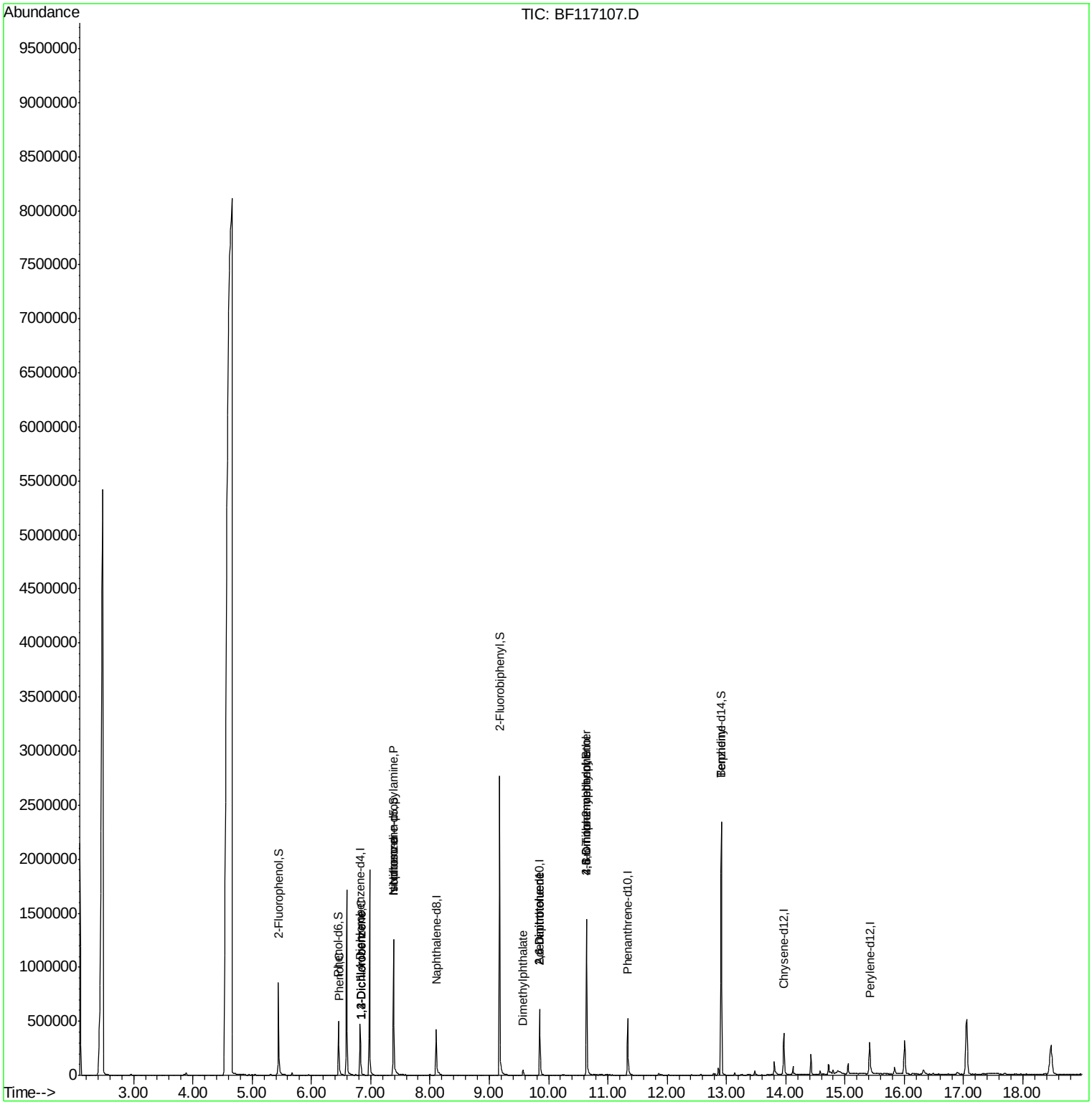
(#) = qualifier out of range (m) = manual integration (+) = signals summed

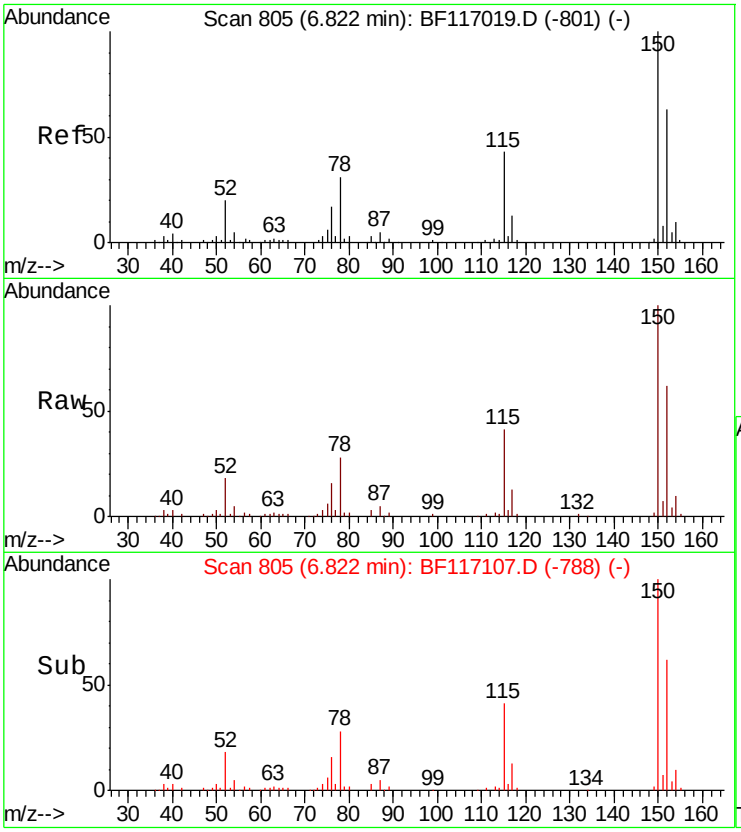
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117107.D
Acq On : 17 Sep 2019 15:30
Operator : HP/JU
Sample : K4883-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 18 03:50:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



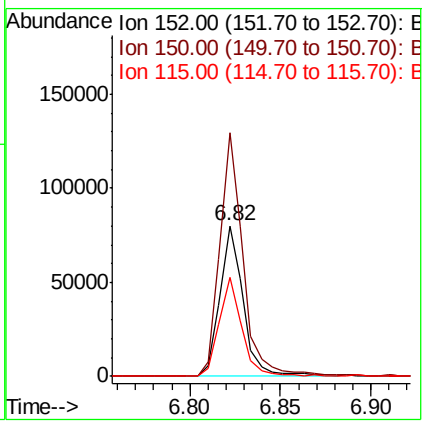


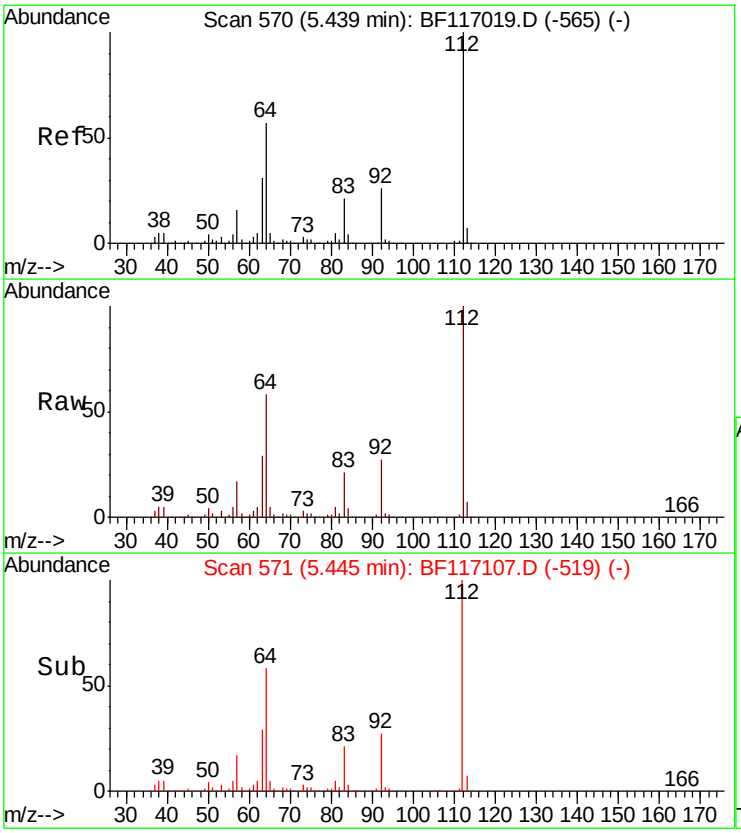
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 71409

Ion	Ratio	Lower	Upper
152	100		
150	162.0	127.5	191.3
115	66.1	55.0	82.4

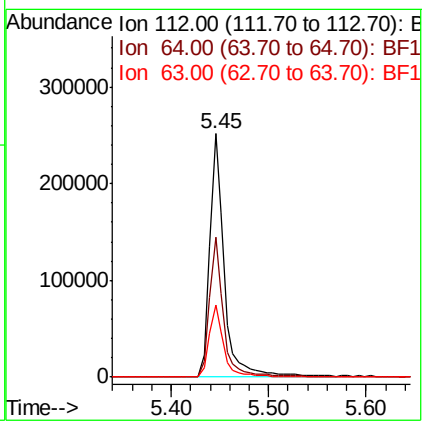


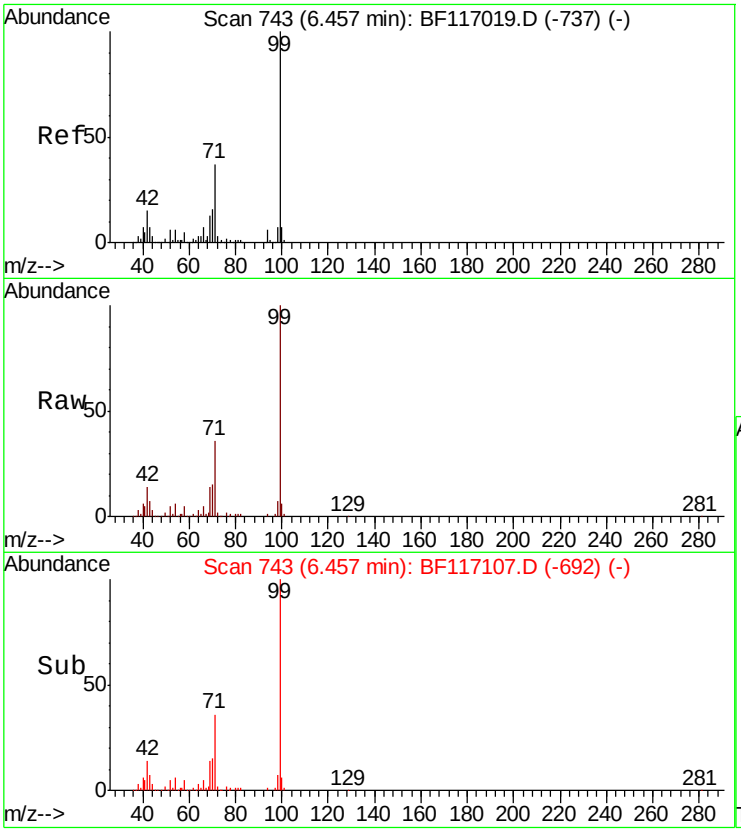


#5
2-Fluorophenol
Concen: 56.977 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion:112 Resp: 260602

Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.7	68.5
63	29.4	24.9	37.3



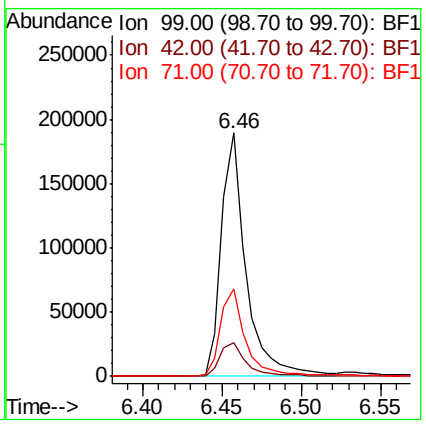


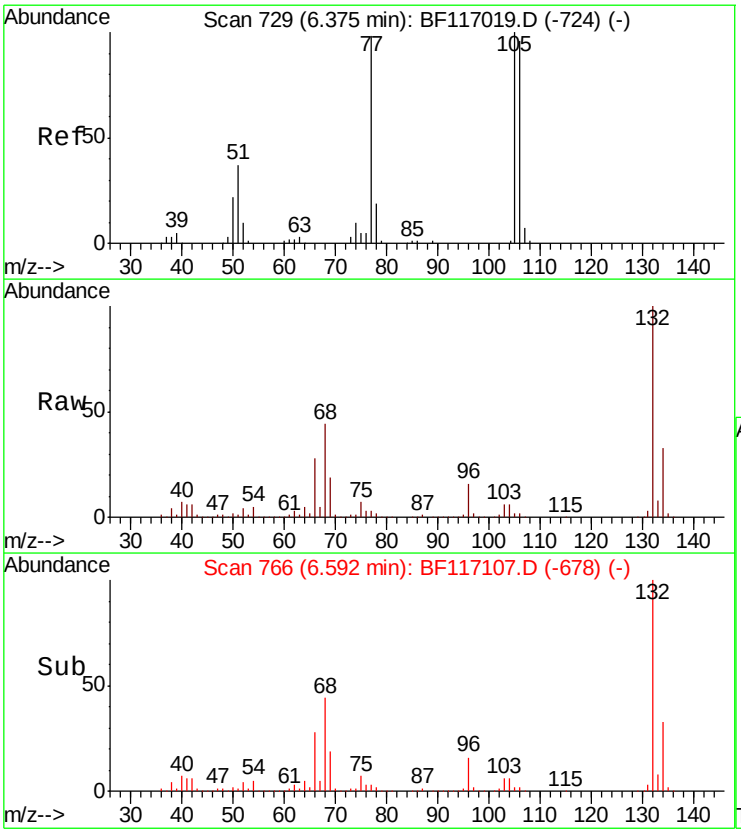
#7
Phenol-d6
Concen: 34.833 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 205899

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.2	18.2
71	36.0	29.8	44.8

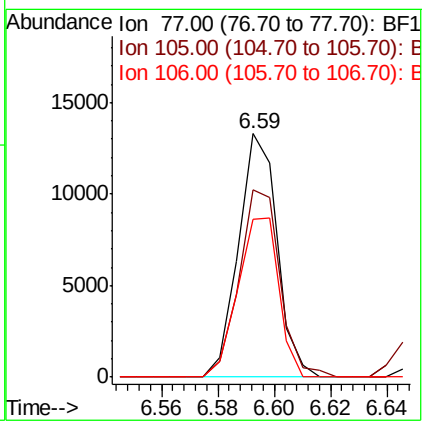


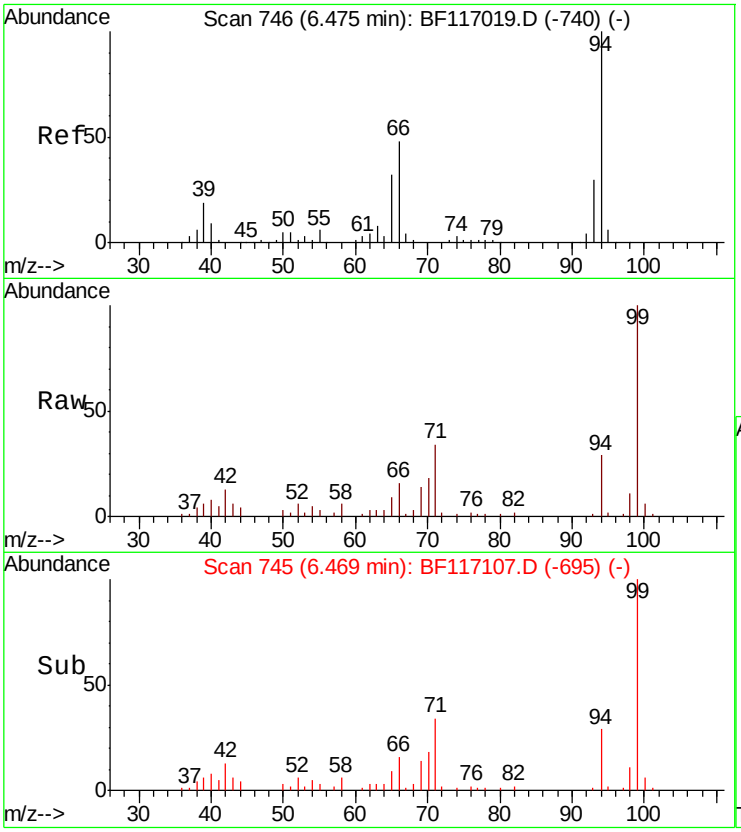


#9
Benzaldehyde
Concen: Below Cal
RT: 6.59 min Scan# 766
Delta R.T. 0.22 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion: 77 Resp: 12625

Ion	Ratio	Lower	Upper
77	100		
105	76.8	81.8	121.8#
106	64.6	77.3	117.3#



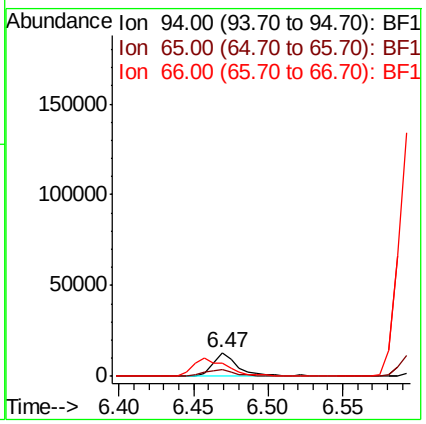


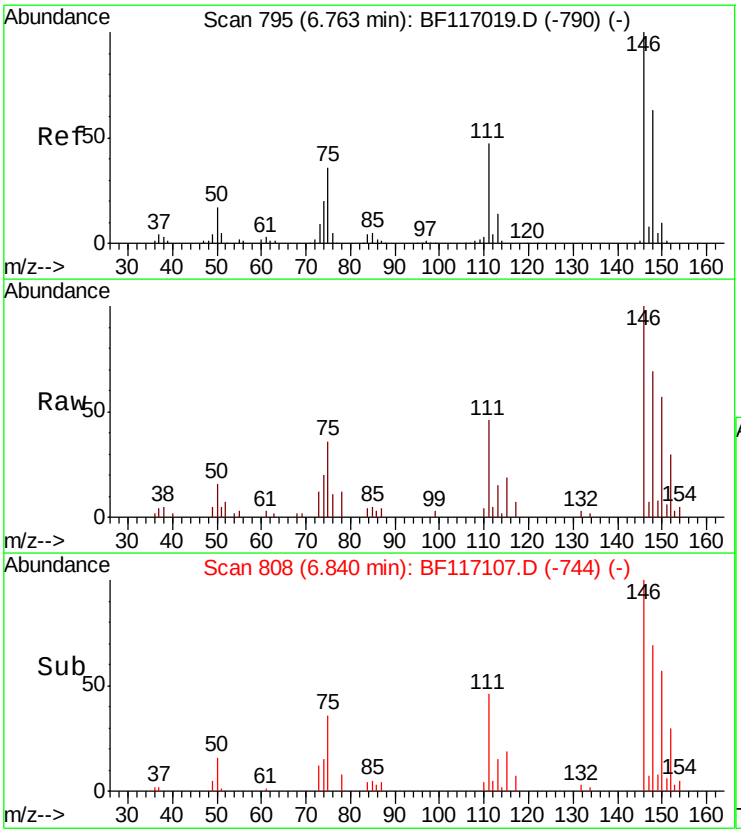
#10
Phenol
Concen: 2.375 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 15478

Ion	Ratio	Lower	Upper
94	100		
65	31.2	12.5	52.5
66	54.3	28.9	68.9

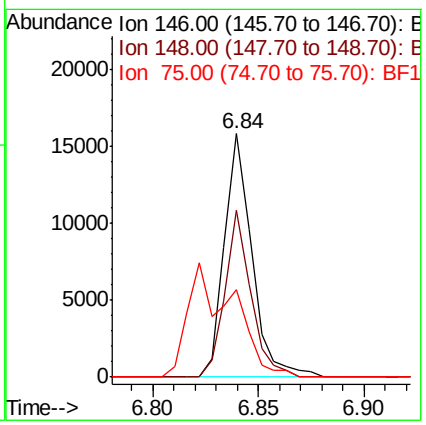


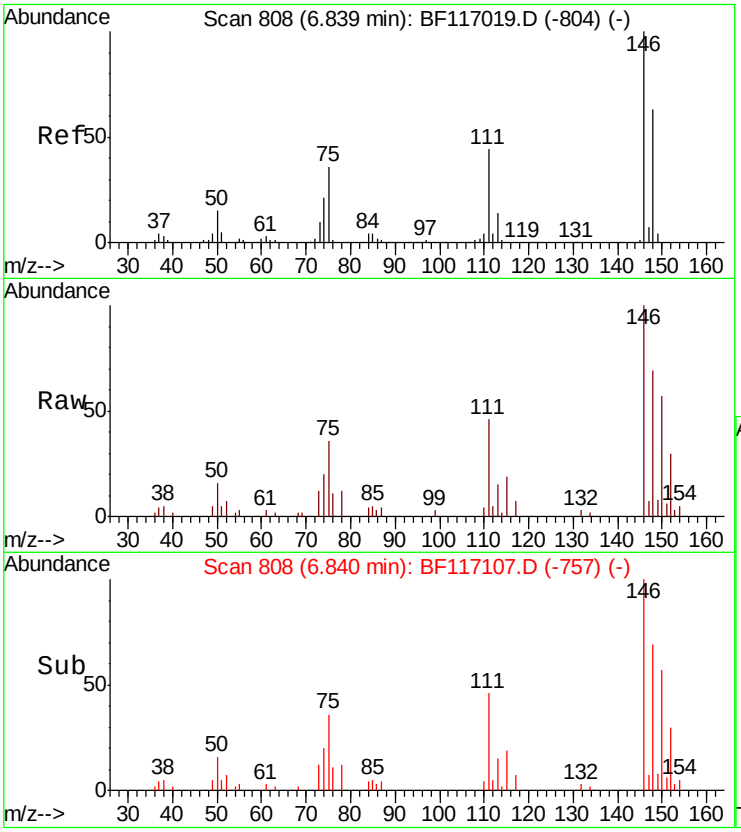


#12
1,3-Dichlorobenzene
Concen: 2.569 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.08 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion:146 Resp: 14225

Ion	Ratio	Lower	Upper
146	100		
148	68.7	50.8	76.2
75	36.2	28.7	43.1



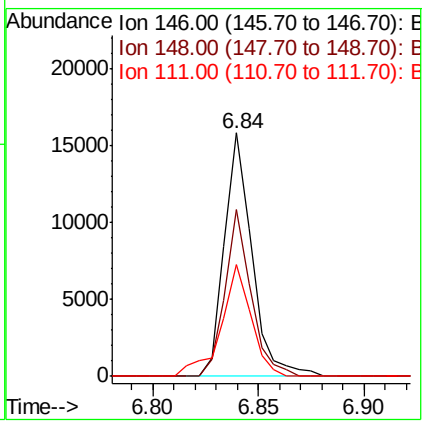


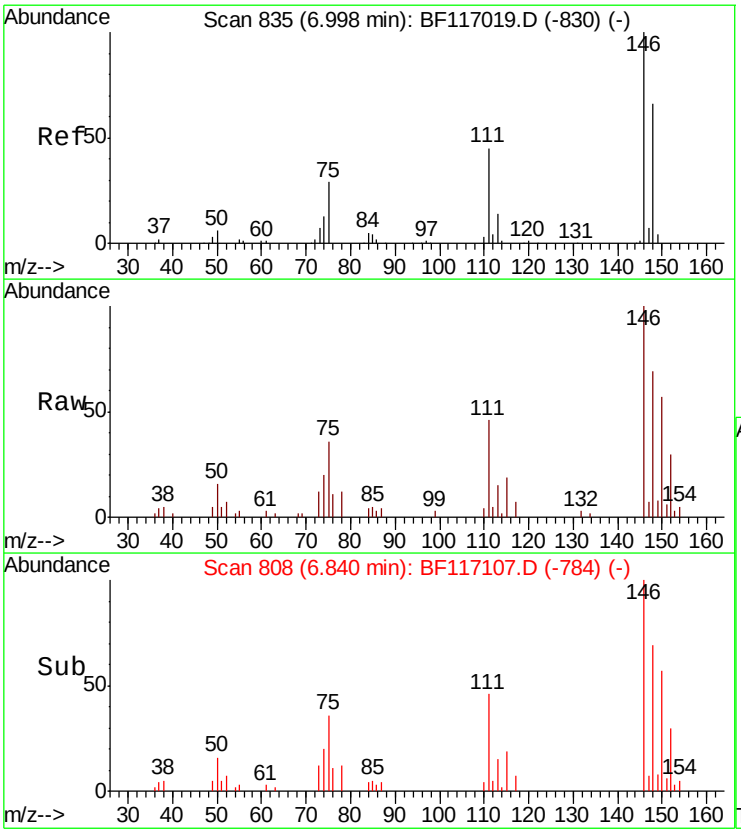
#13
1,4-Dichlorobenzene
Concen: 2.517 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 14225

Ion	Ratio	Lower	Upper
146	100		
148	68.7	50.6	76.0
111	45.8	35.0	52.6

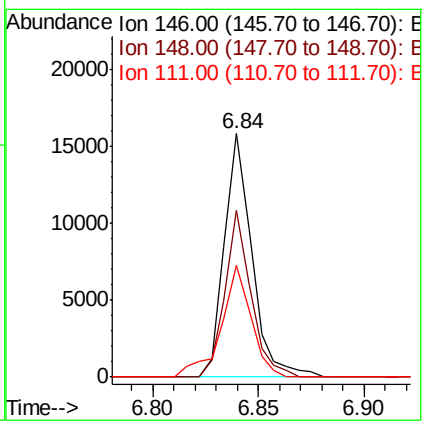


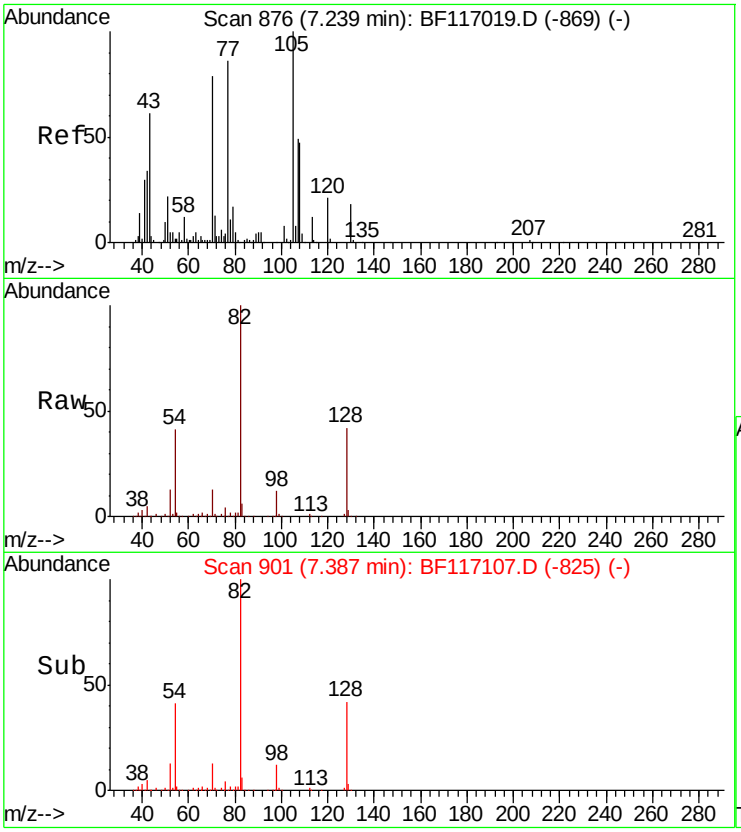


#14
1,2-Dichlorobenzene
Concen: 2.704 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.16 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion:146 Resp: 14225

Ion	Ratio	Lower	Upper
146	100		
148	68.7	52.6	78.8
111	45.8	36.2	54.2



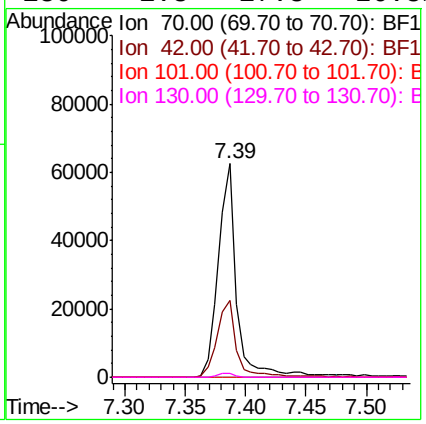


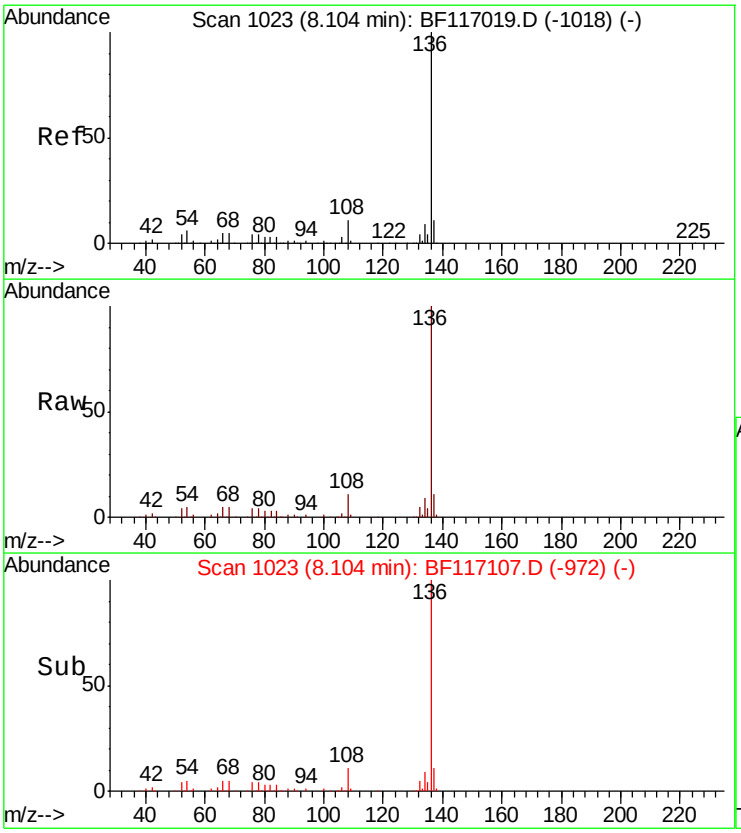
#19
n-Nitroso-di-n-propylamine
Concen: 18.324 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 65957

Ion	Ratio	Lower	Upper
70	100		
42	36.0	34.0	51.0
101	0.0	7.8	11.6#
130	1.8	17.8	26.8#

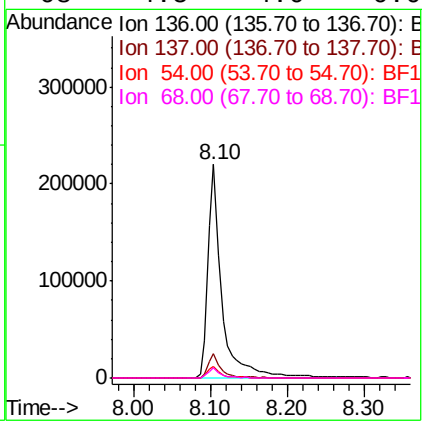


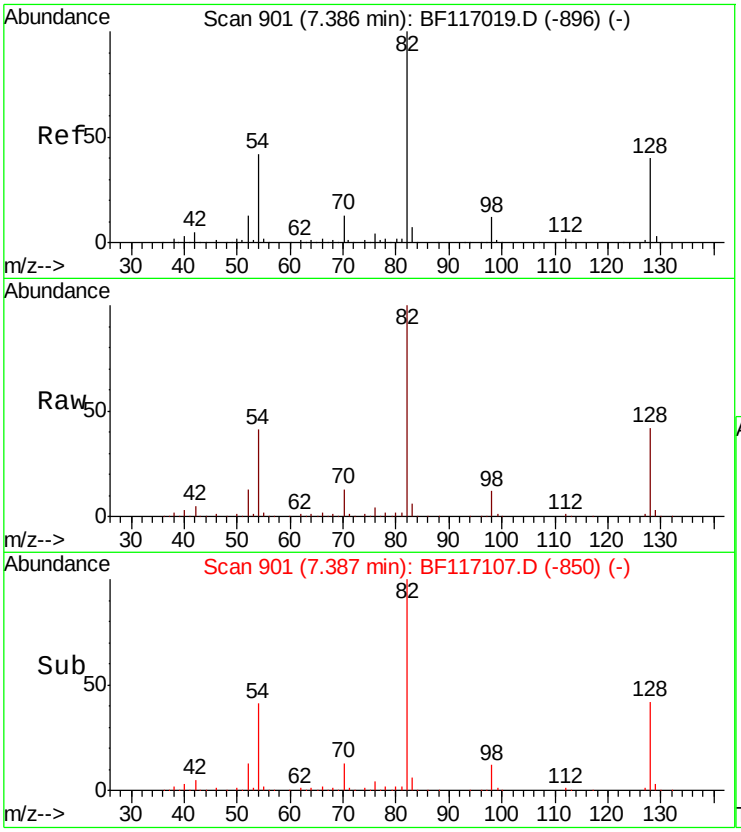


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion:136 Resp: 275928

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.5	4.5	6.7
68	4.5	4.0	6.0



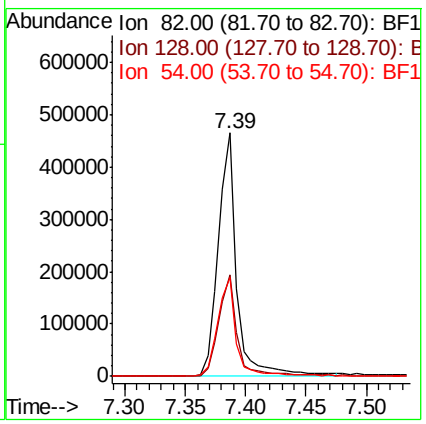


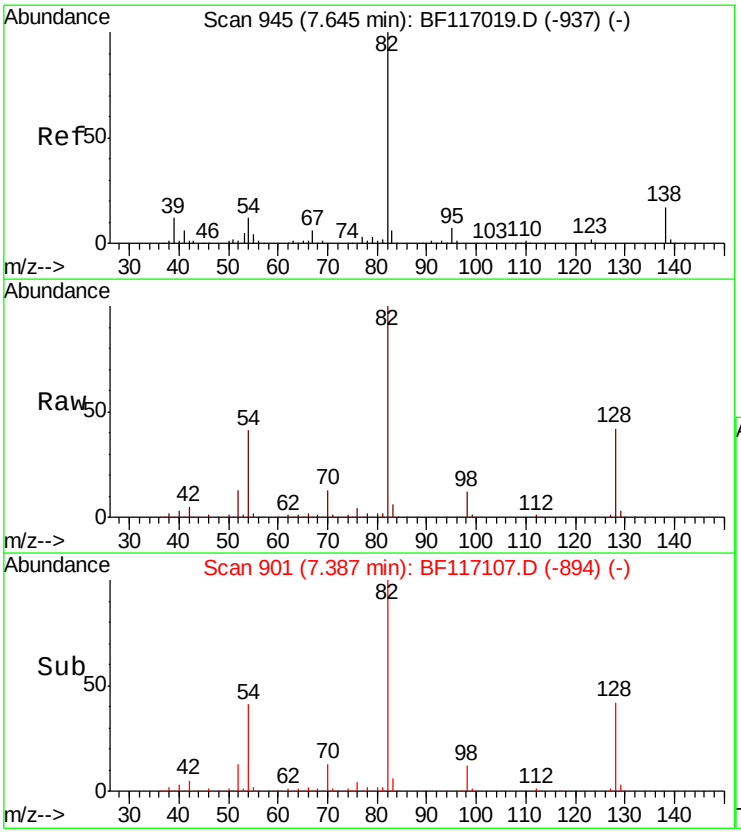
#23
Nitrobenzene-d5
Concen: 93.773 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 492450

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.3	48.5
54	40.7	33.3	49.9

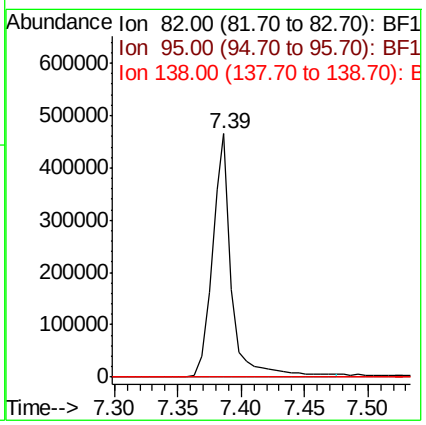


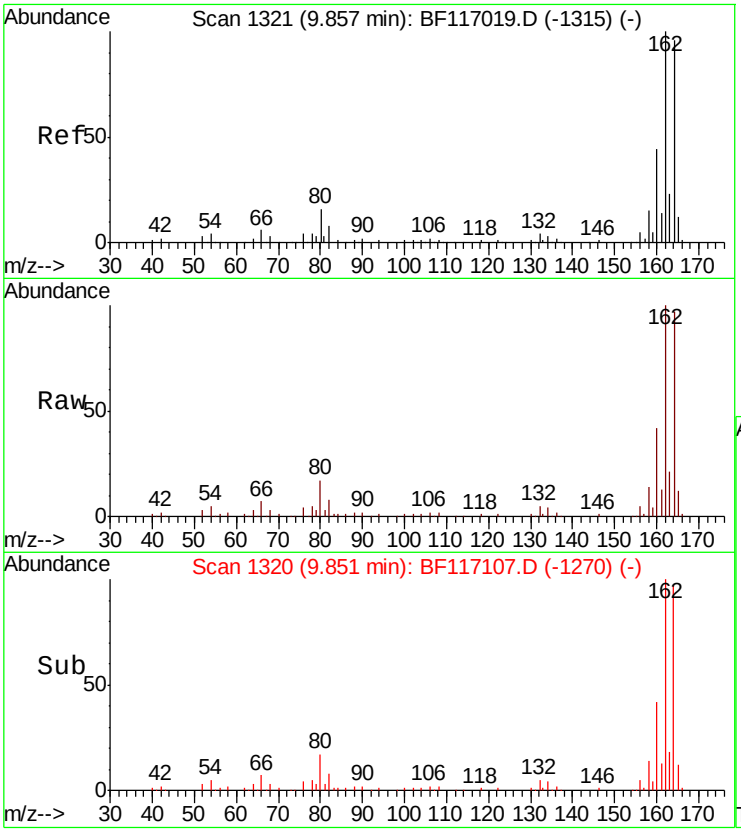


#25
Isophorone
Concen: 52.961 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion: 82 Resp: 492447

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



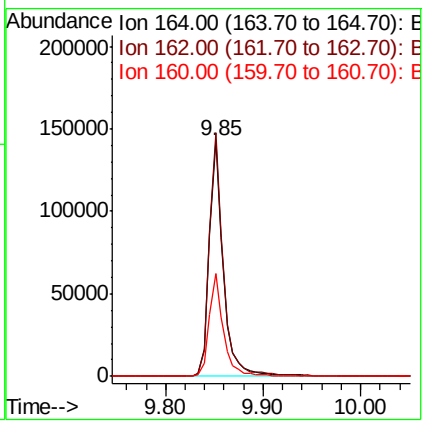


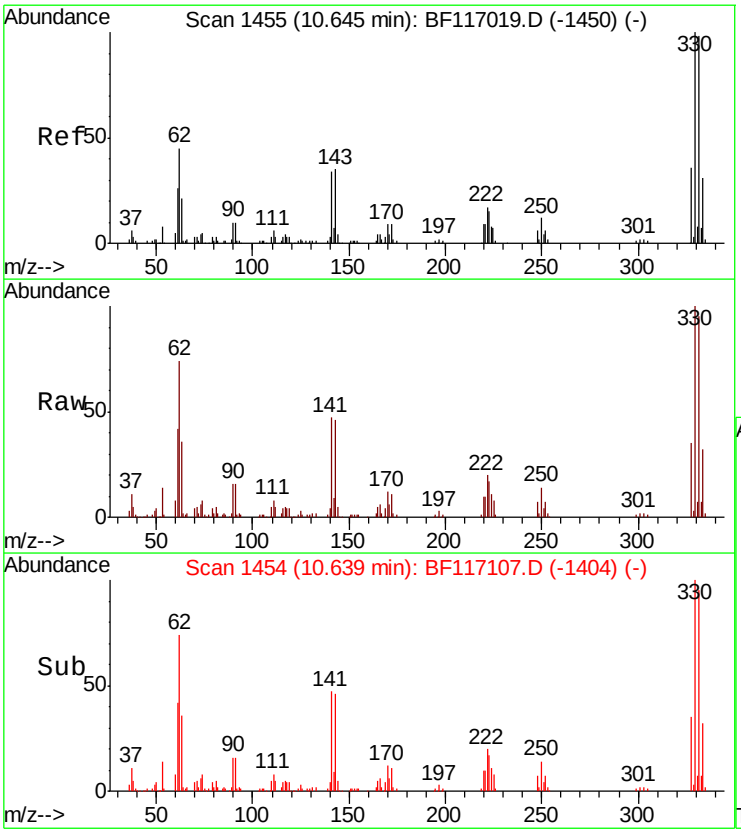
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 143441

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.4	125.2
160	43.8	36.4	54.6

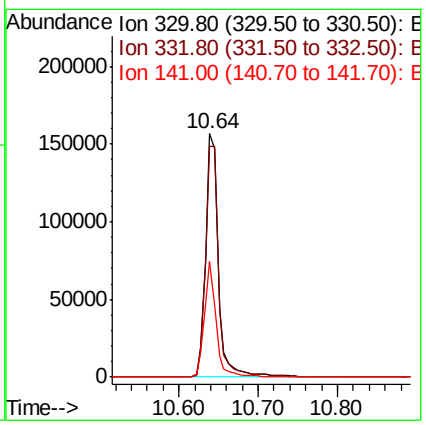


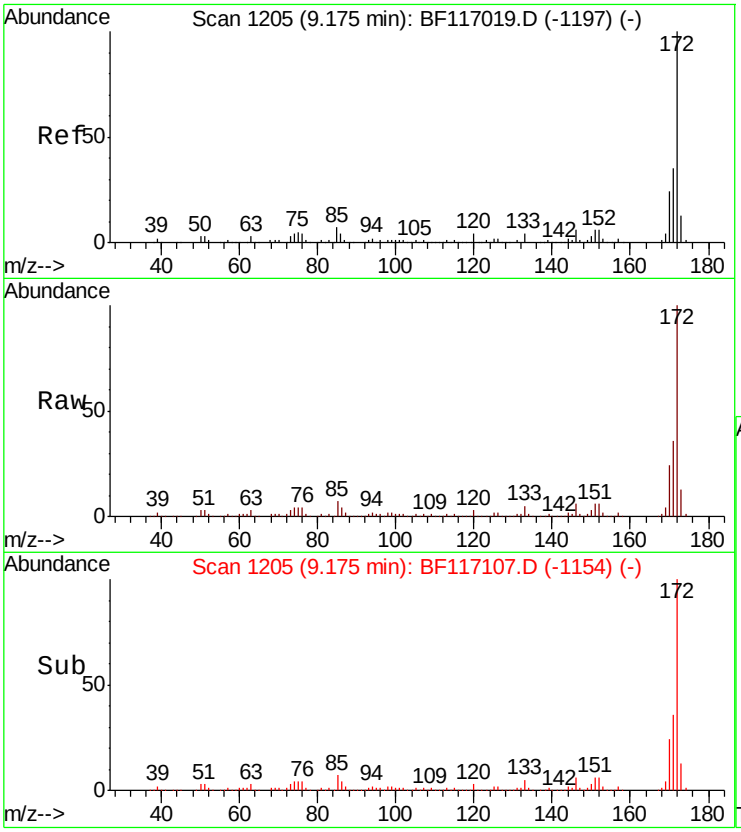


#42
2,4,6-Tribromophenol
Concen: 148.327 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion:330 Resp: 177820

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	44.1	35.8	53.6



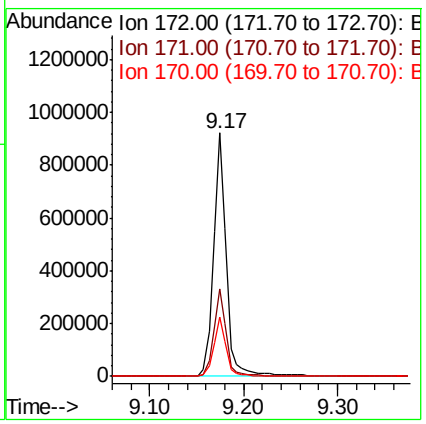


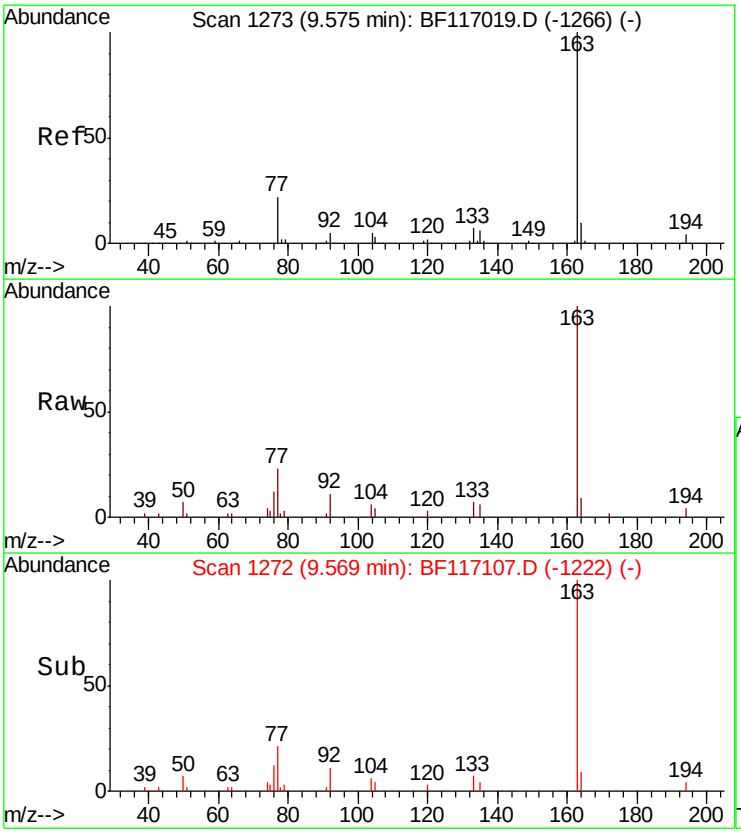
#45
2-Fluorobiphenyl
Concen: 97.549 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 894910

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	24.2	18.9	28.3

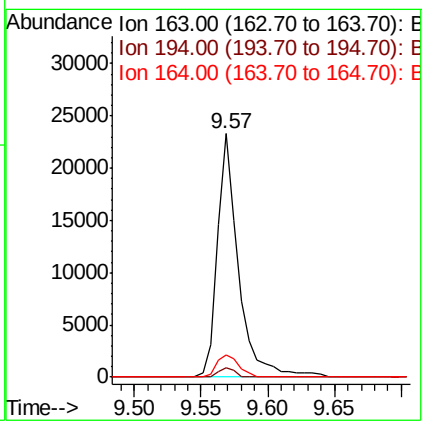


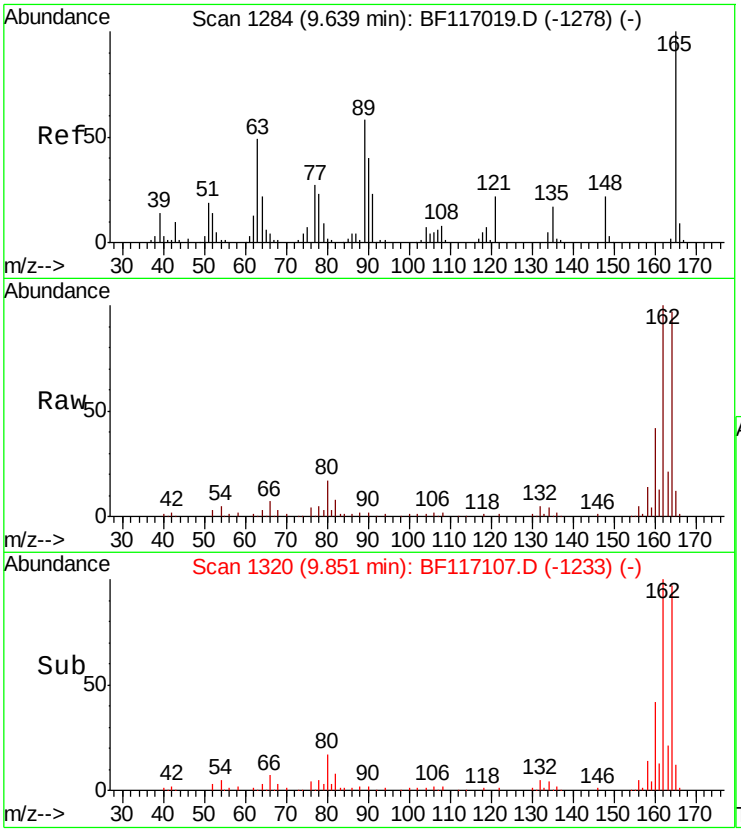


#50
Dimethylphthalate
Concen: 2.563 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion:163 Resp: 26034

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	9.0	8.2	12.4



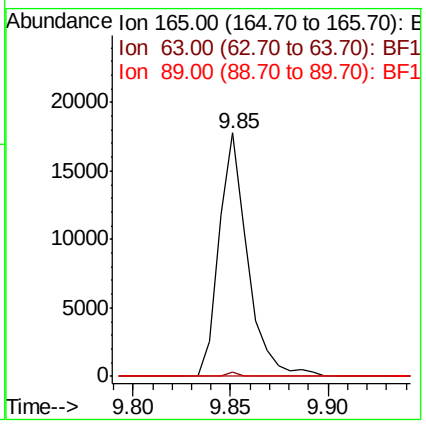


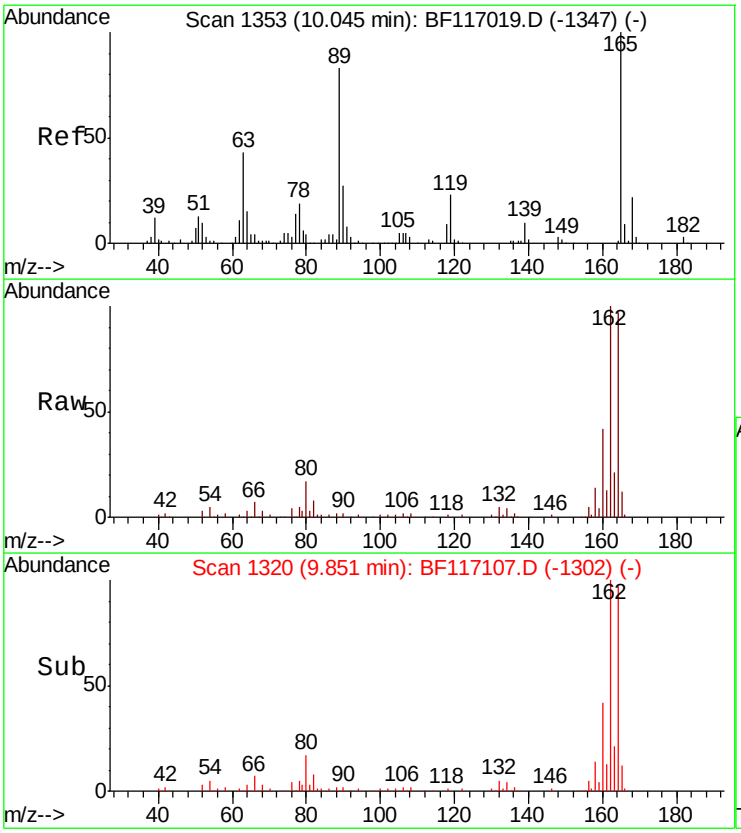
#51
2,6-Dinitrotoluene
Concen: 8.667 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17927

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.8	62.8#
89	0.0	46.5	69.7#

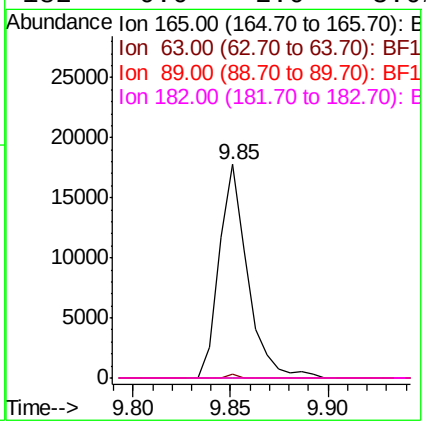


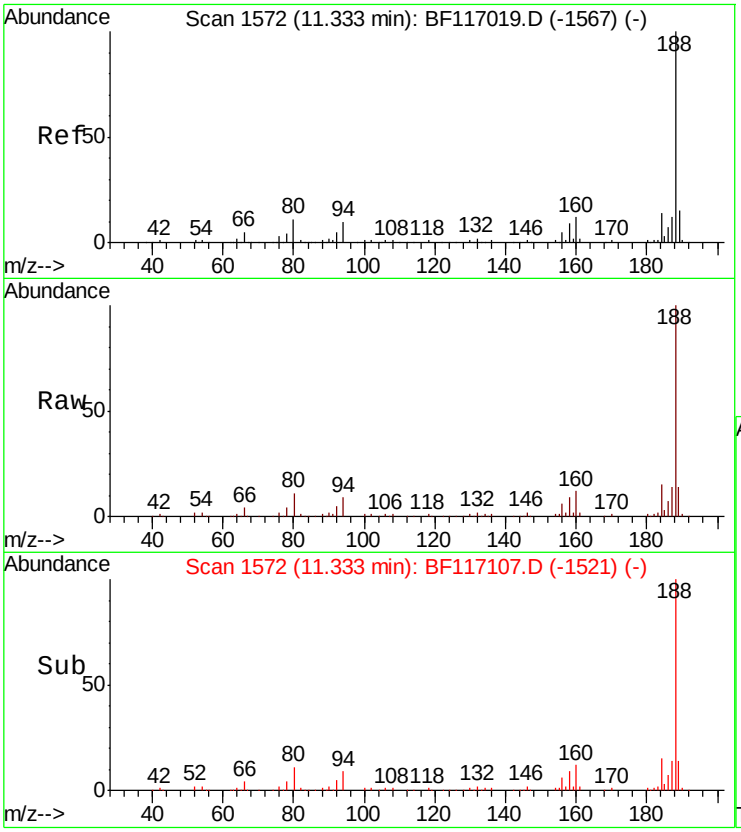


#57
2,4-Dinitrotoluene
Concen: 6.677 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion:165 Resp: 17927

Ion	Ratio	Lower	Upper
165	100		
63	1.7	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



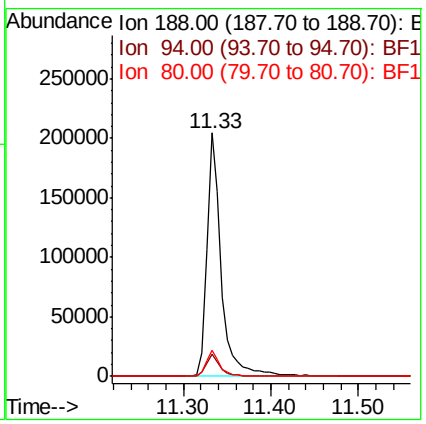


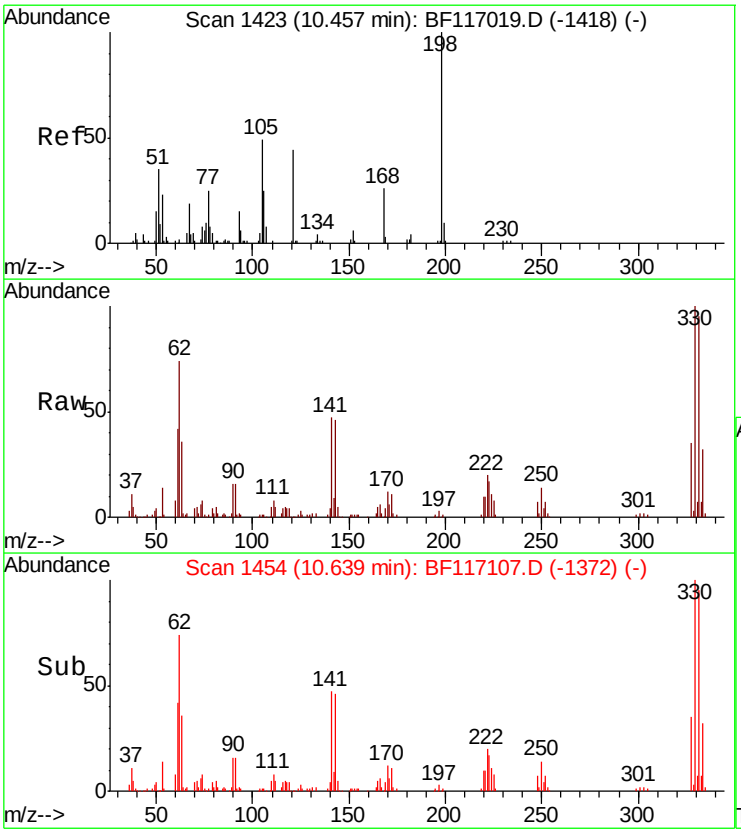
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 232591

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	10.5	9.0	13.6

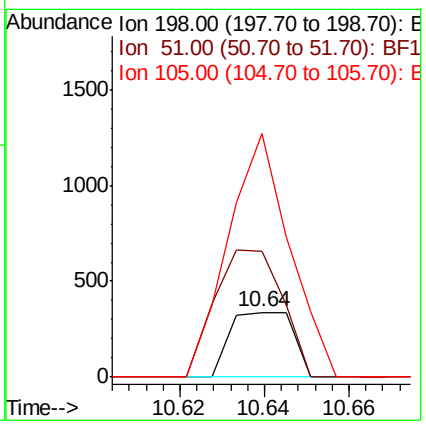


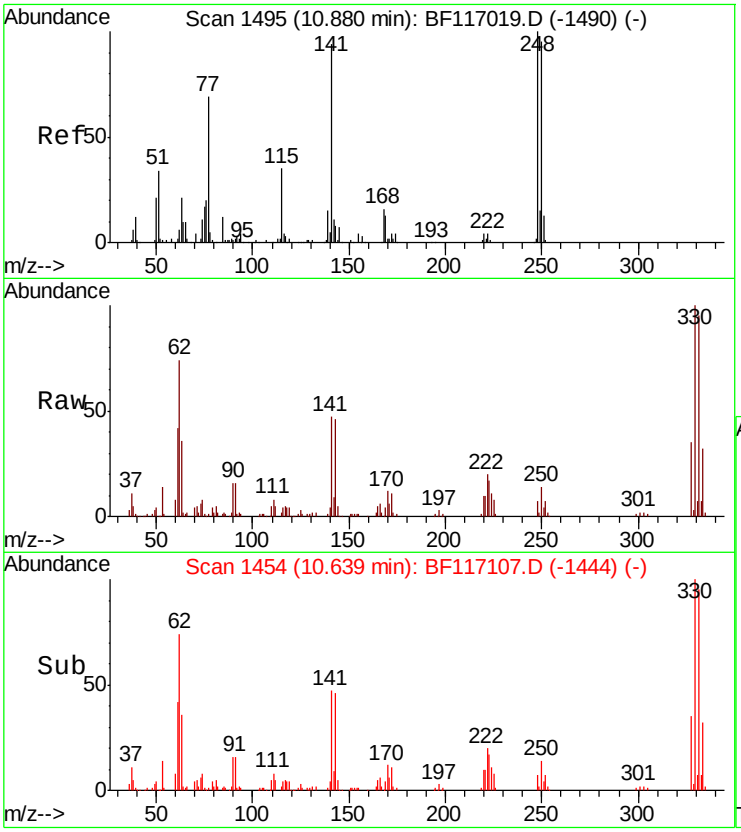


#65
4,6-Dinitro-2-methylphenol
Concen: 7.187 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion:198 Resp: 352

Ion	Ratio	Lower	Upper
198	100		
51	194.1	18.7	58.7#
105	376.0	30.2	70.2#



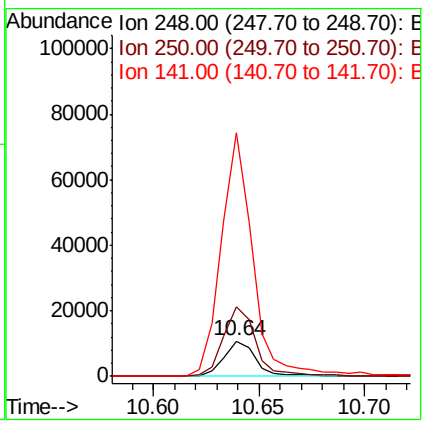


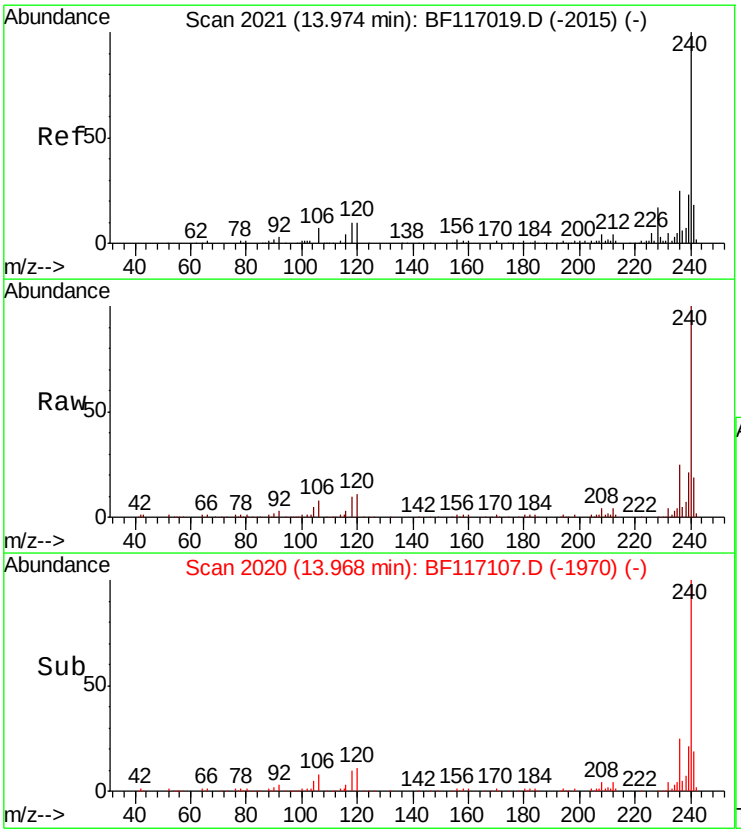
#67
4-Bromophenyl-phenylether
Concen: 4.695 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11151

Ion	Ratio	Lower	Upper
248	100		
250	195.6	76.2	114.4#
141	685.8	75.0	112.4#

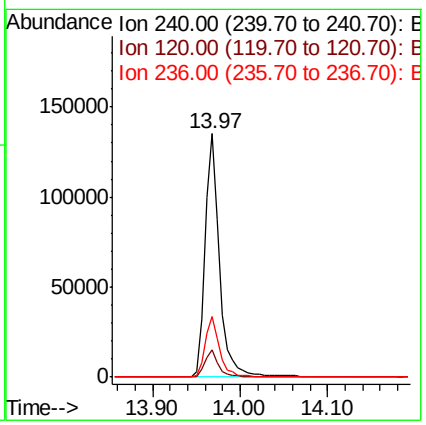


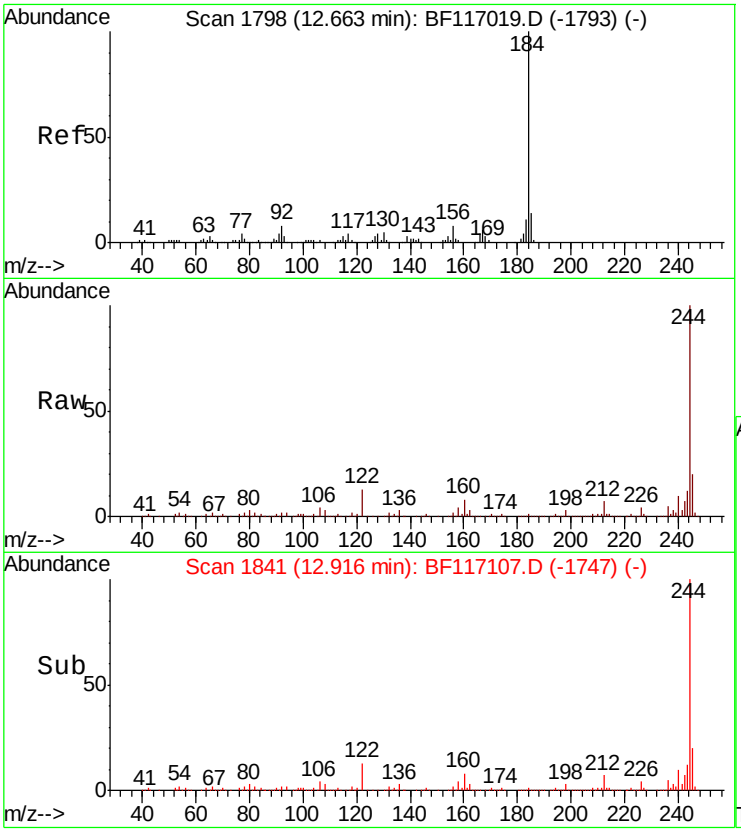


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion:240 Resp: 155182

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	24.9	20.3	30.5



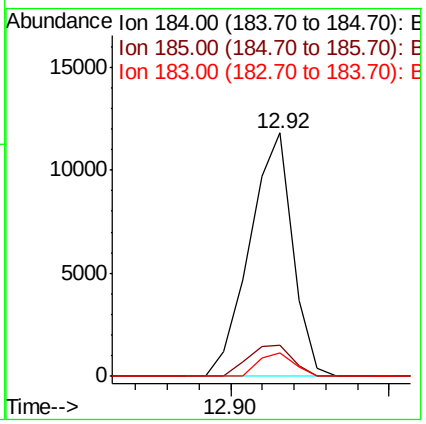


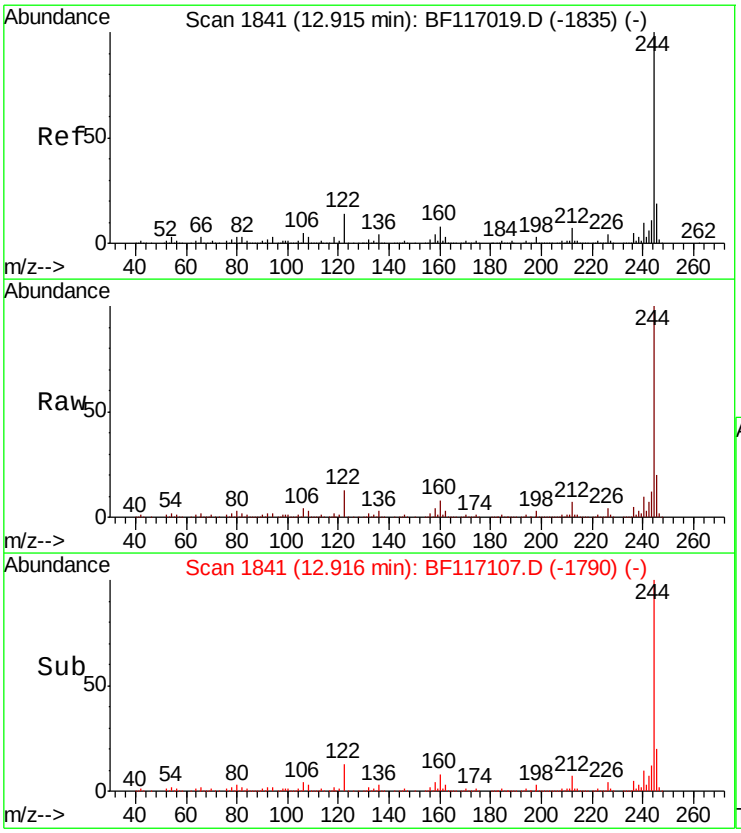
#77
Benzidine
Concen: 2.223 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 11110

Ion	Ratio	Lower	Upper
184	100		
185	13.0	11.6	17.4
183	9.5	9.0	13.4

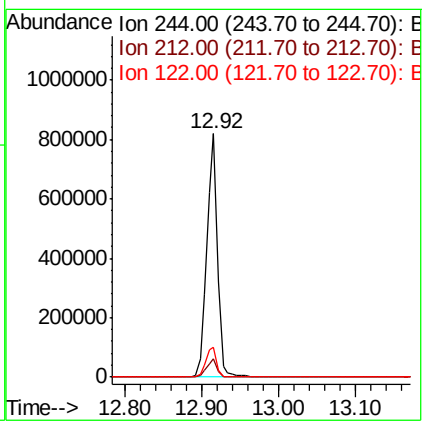


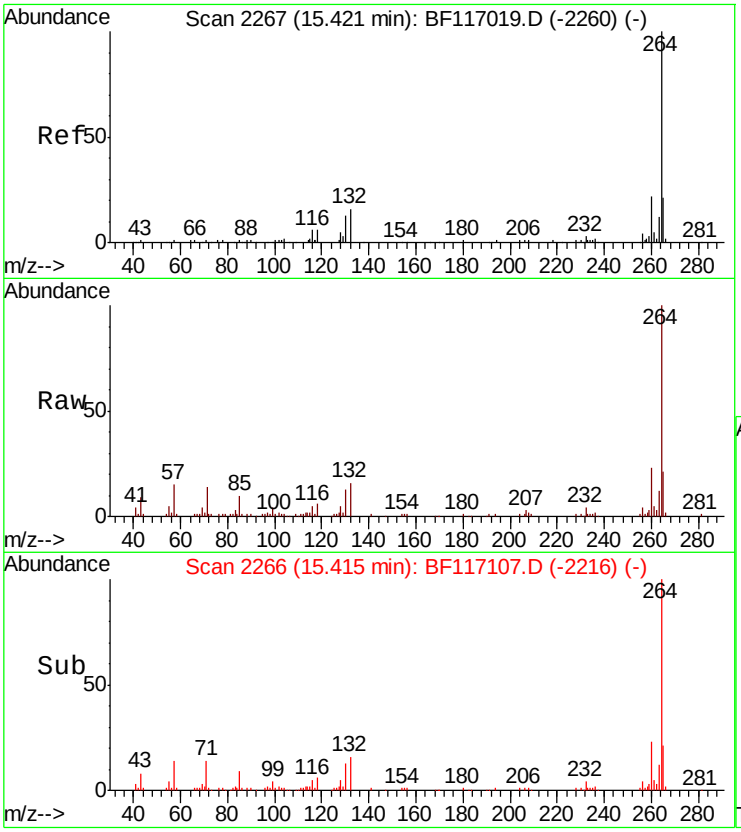


#79
Terphenyl-d14
Concen: 93.396 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Tgt Ion:244 Resp: 775371

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.5	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117107.D
Acq: 17 Sep 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 133132

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.6	26.4
265	20.9	16.6	24.8