Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117837.D
Acq On : 18 Nov 2019 16:08
Operator : JU
Sample : K5861-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 18 16:37:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	276532	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	1022894	20.00	ng	-0.01
39) Acenaphthene-d10	9.98	164	416184	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	670248	20.00	ng	0.00
76) Chrysene-d12	14.11	240	511805	20.00	ng	0.00
87) Perylene-d12	15.62	264	659480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1828873	117.07	ng	0.00
7) Phenol-d6	6.55	99	2265340	120.22	ng	0.00
23) Nitrobenzene-d5	7.48	82	1436992	83.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	539558	122.46	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2135124	92.04	ng	0.00
79) Terphenyl-d14	13.06	244	1883677	67.26	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.55	77	4805	Below Cal	#	1
10) Phenol	6.55	94	67955	3.471	ng #	76
19) n-Nitroso-di-n-propylamine	7.48	70	205790	17.703	ng #	76
25) Isophorone	7.48	82	1428757	45.303	ng #	62
35) Caprolactam	8.63	113	13594	2.937	ng #	1
50) Dimethylphthalate	9.68	163	309556	10.607	ng #	84
51) 2,6-Dinitrotoluene	9.75	165	40835	6.402	ng #	28
53) 3-Nitroaniline	9.93	138	49993	6.550	ng #	15
54) 2,4-Dinitrophenol	10.02	184	797	7.446	ng #	1
56) 4-Nitrophenol	10.10	139	17727	3.112	ng #	1
62) 4-Nitroaniline	10.39	138	25885	3.387	ng	93
75) Fluoranthene	12.66	202	4189	Below Cal	#	1

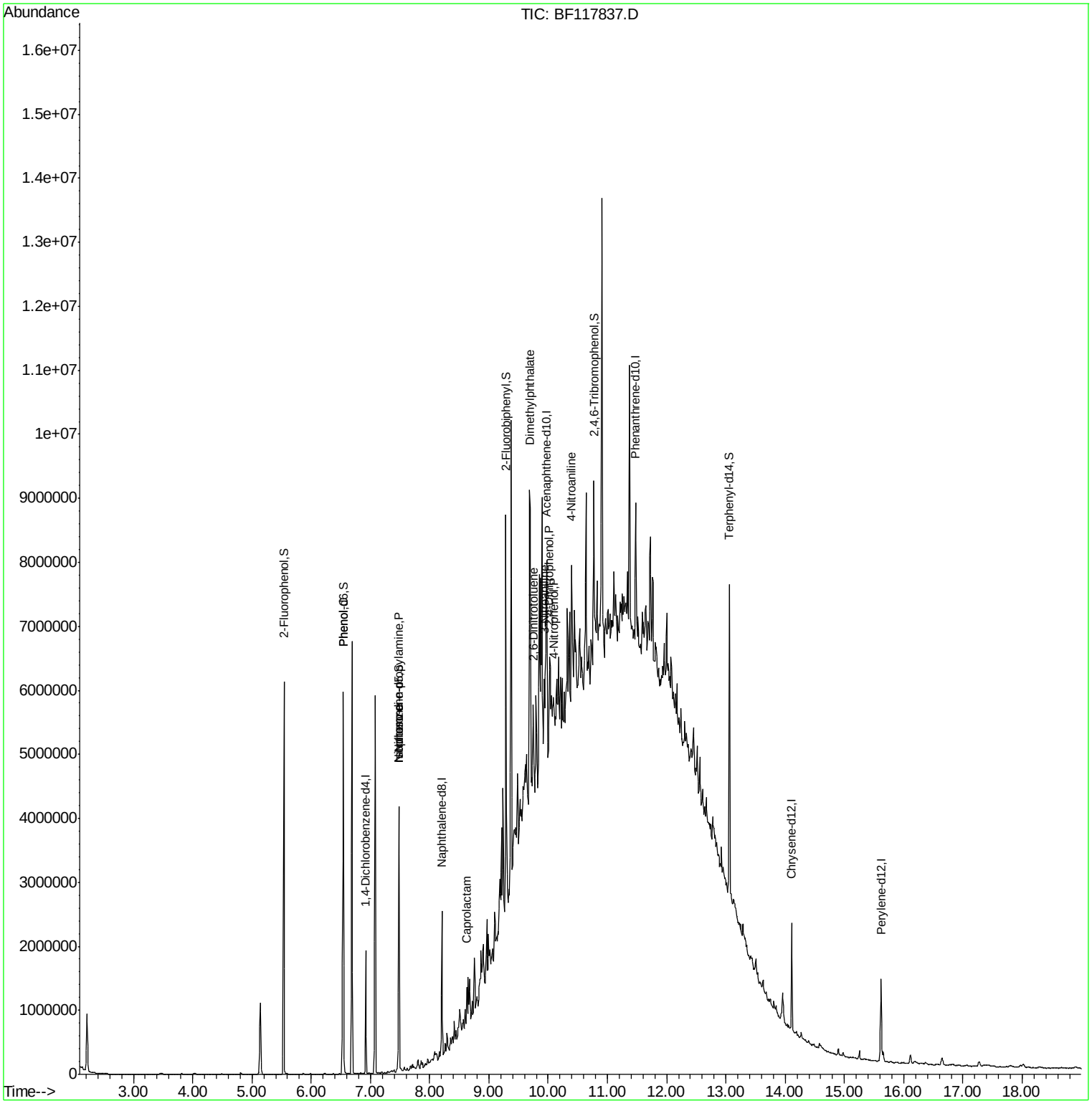
(#) = qualifier out of range (m) = manual integration (+) = signals summed

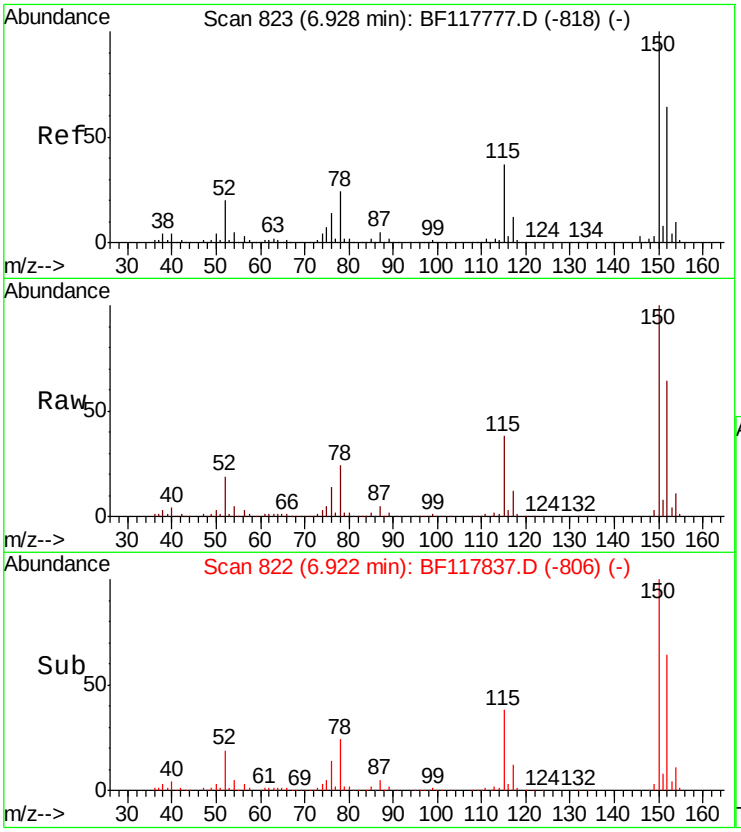
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117837.D
Acq On : 18 Nov 2019 16:08
Operator : JU
Sample : K5861-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 18 16:37:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration



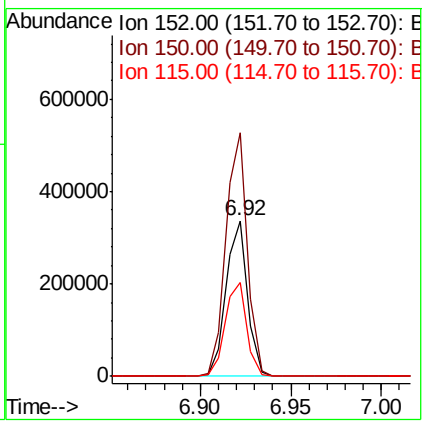


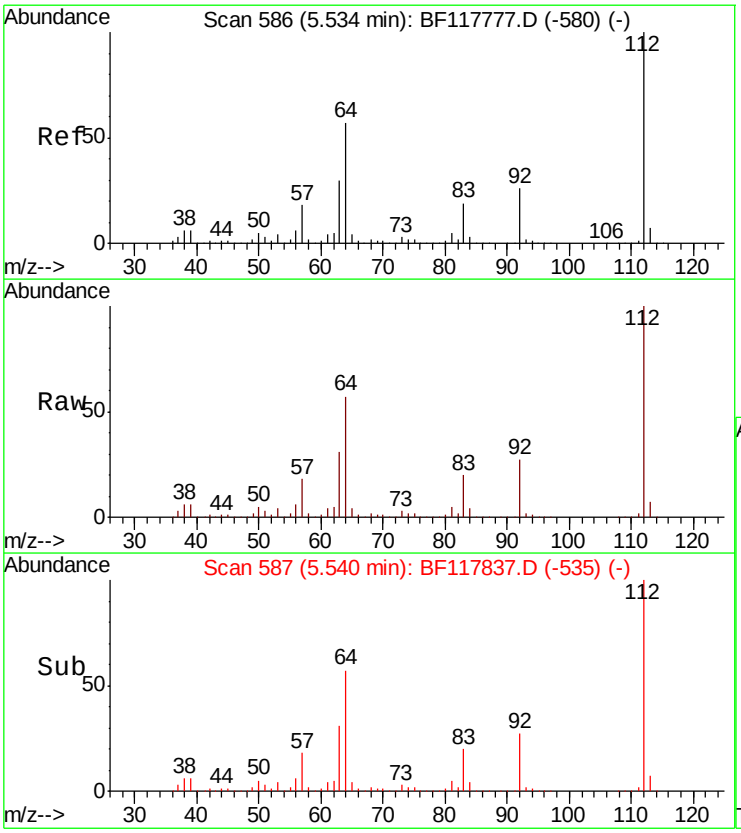
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 276532

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.3	187.9
115	60.3	47.0	70.4

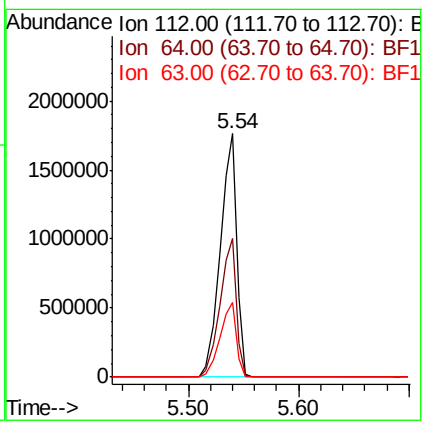


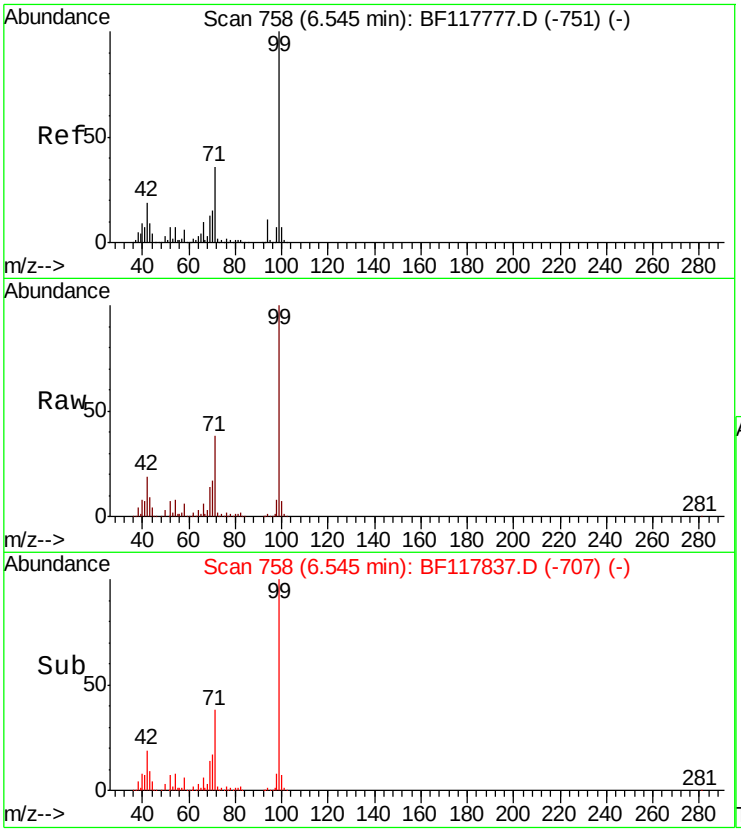


#5
2-Fluorophenol
Concen: 117.068 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion:112 Resp: 1828873

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.6	68.4
63	30.8	24.1	36.1



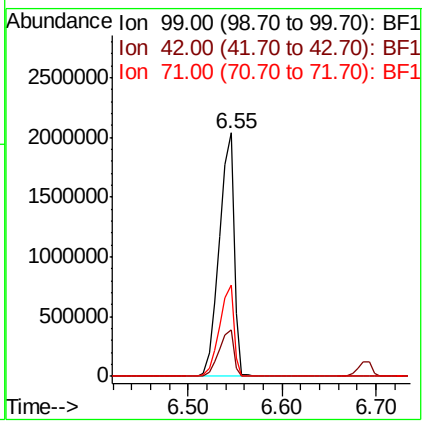


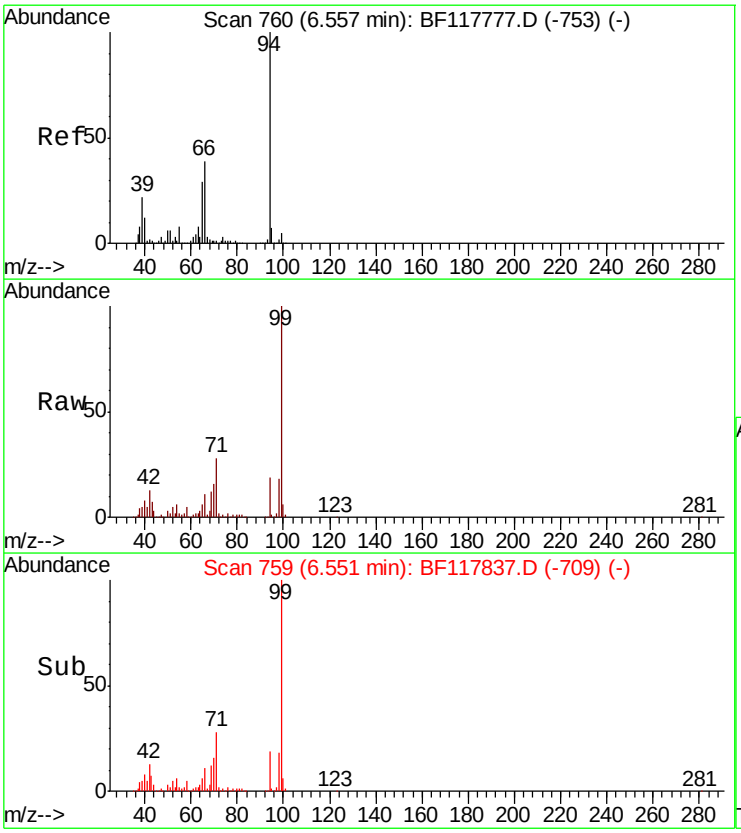
#7
Phenol-d6
Concen: 120.221 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2265340

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.9	22.3
71	37.6	28.6	43.0

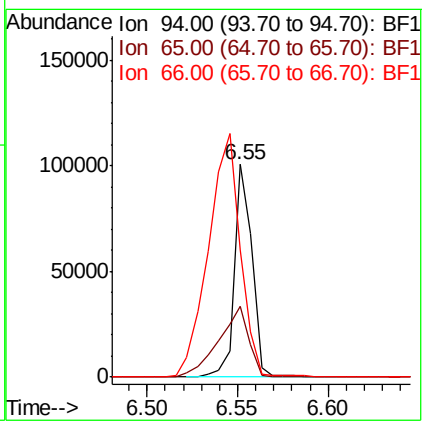


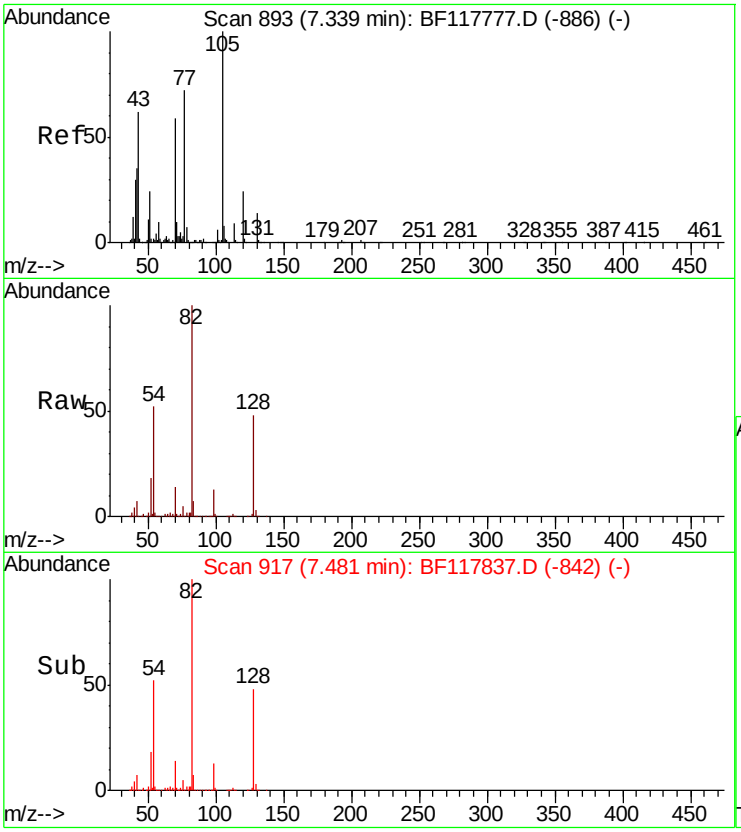


#10
Phenol
Concen: 3.471 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion: 94 Resp: 67955

Ion	Ratio	Lower	Upper
94	100		
65	33.5	8.9	48.9
66	59.9	18.7	58.7#



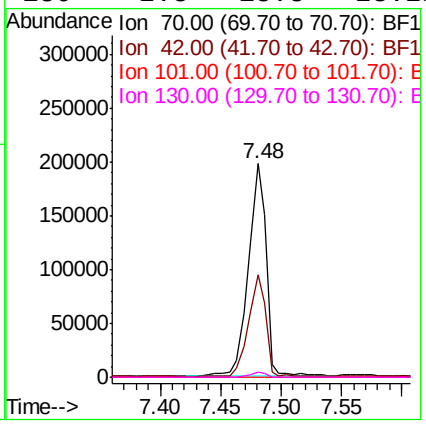


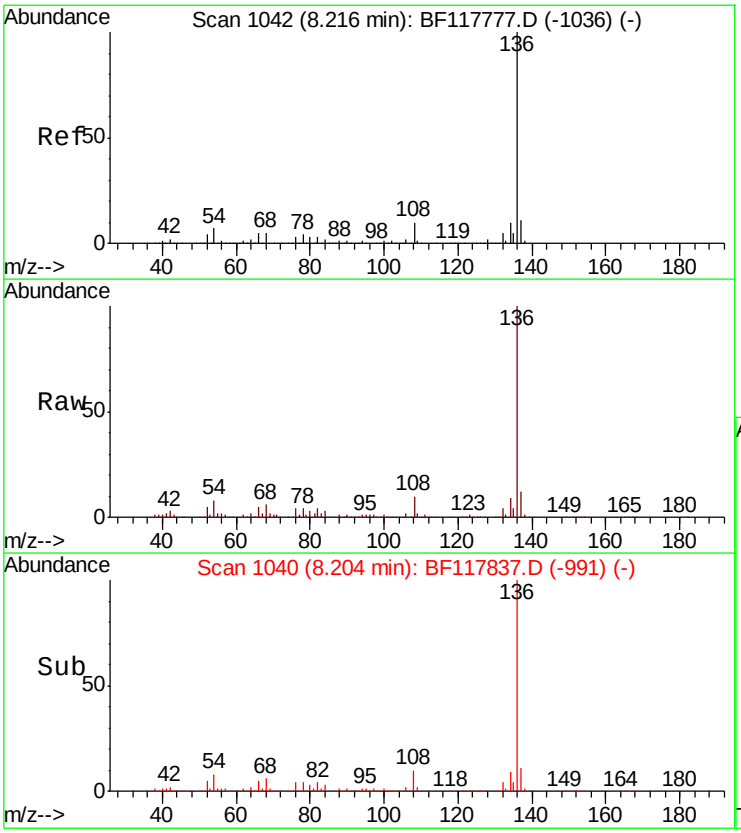
#19
n-Nitroso-di-n-propylamine
Concen: 17.703 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 205790

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.4	71.2
101	0.0	8.4	12.6#
130	2.3	18.8	28.2#

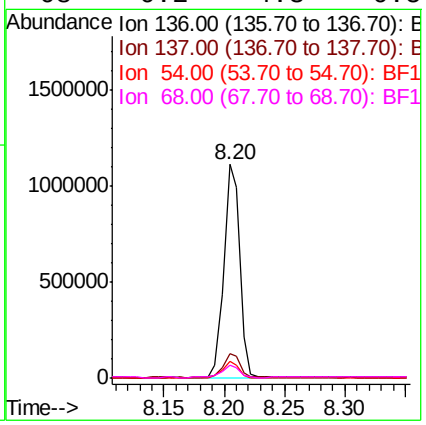


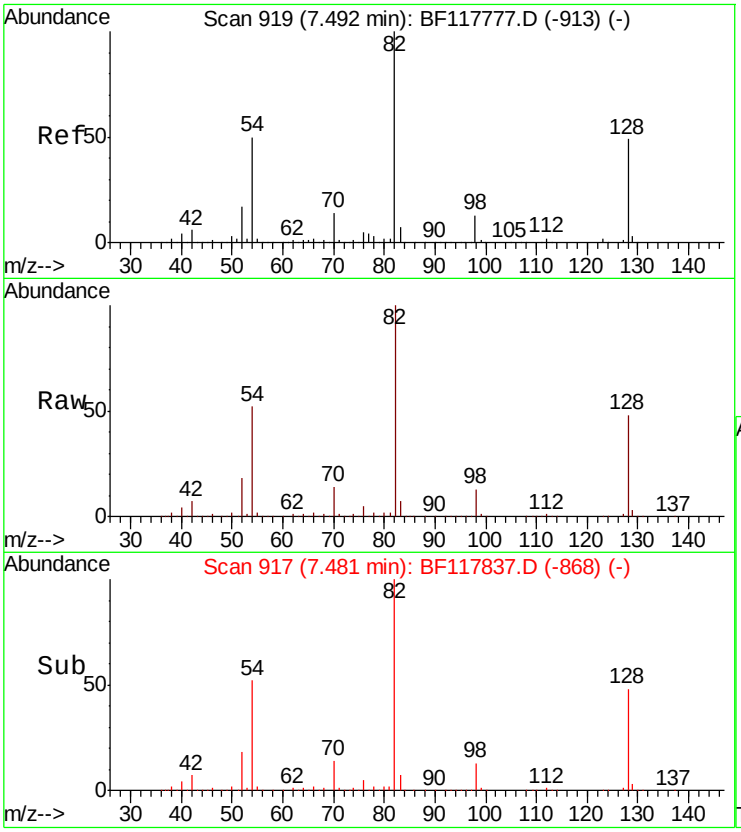


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion:136 Resp: 1022894

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	7.8	5.4	8.2
68	6.2	4.3	6.5



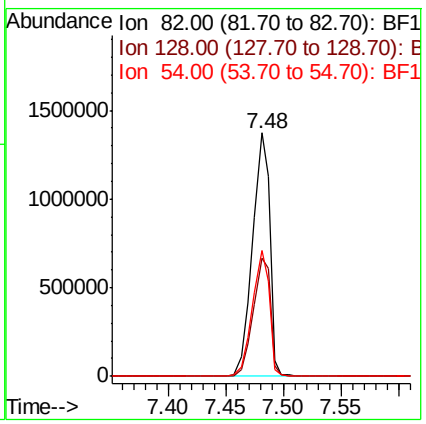


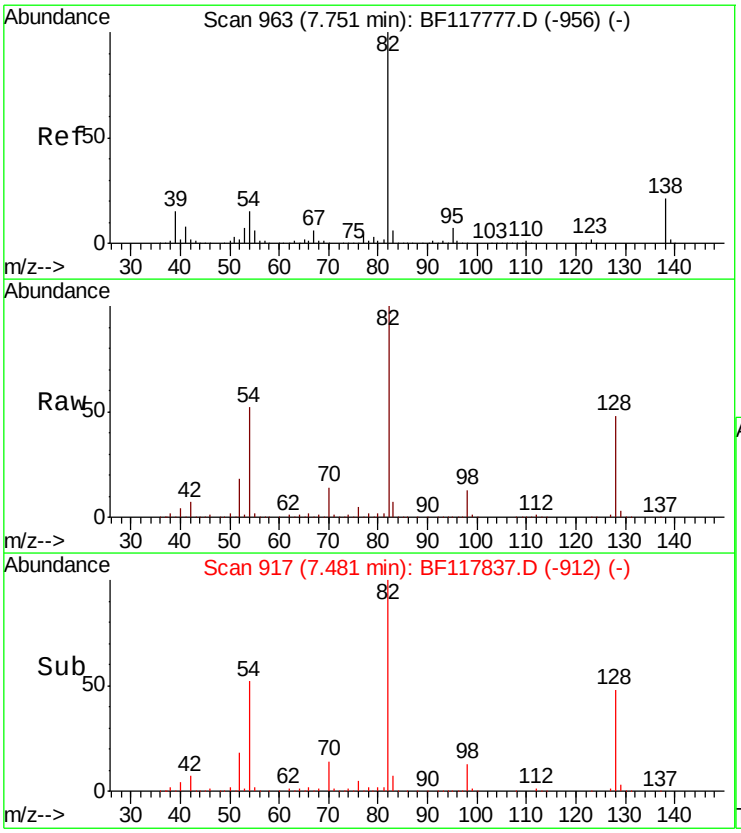
#23
Nitrobenzene-d5
Concen: 83.511 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1436992

Ion	Ratio	Lower	Upper
82	100		
128	48.5	38.9	58.3
54	51.8	39.8	59.6

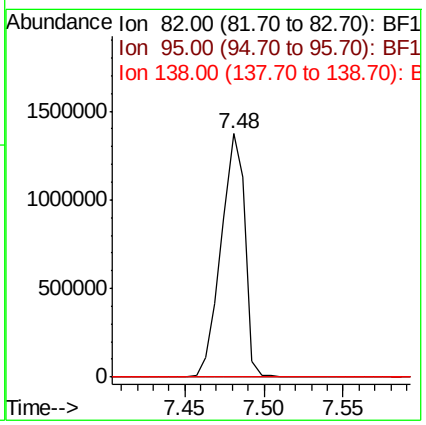


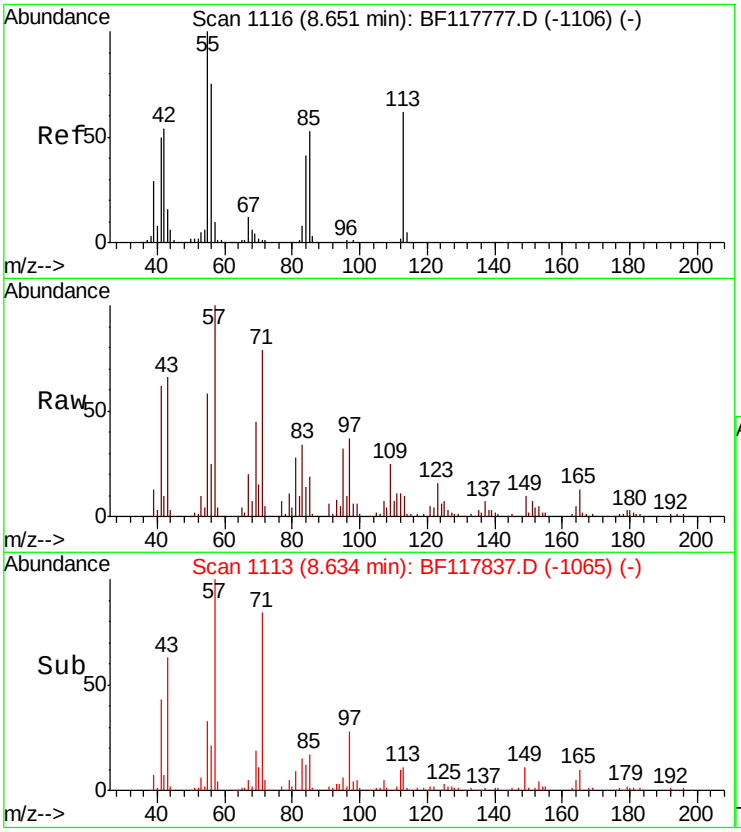


#25
Isophorone
Concen: 45.303 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion: 82 Resp: 1428757

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.8	8.8#
138	0.0	16.5	24.7#



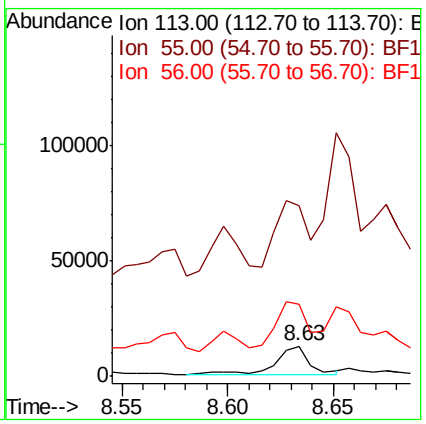


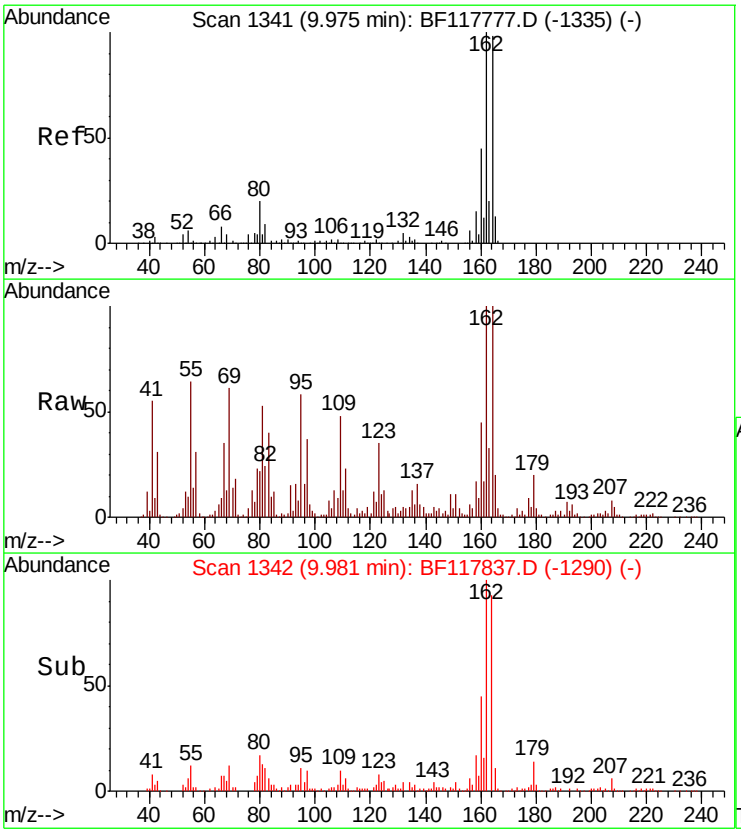
#35
Caprolactam
Concen: 2.937 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 13594

Ion	Ratio	Lower	Upper
113	100		
55	568.9	141.1	181.1#
56	241.1	100.5	140.5#

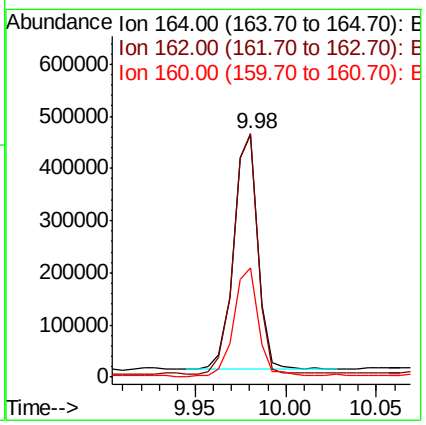


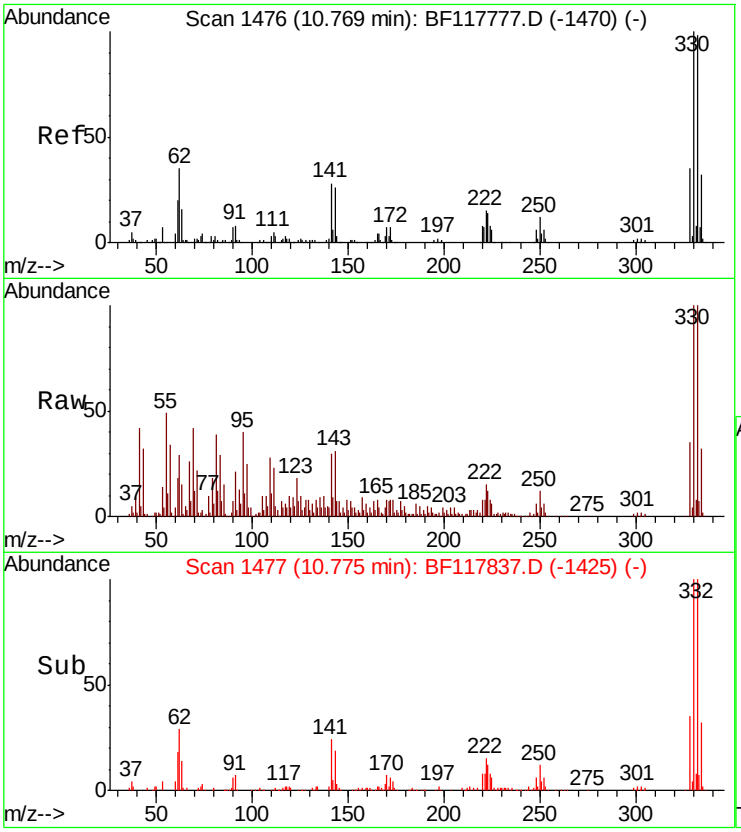


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion:164 Resp: 416184

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	44.8	36.6	55.0



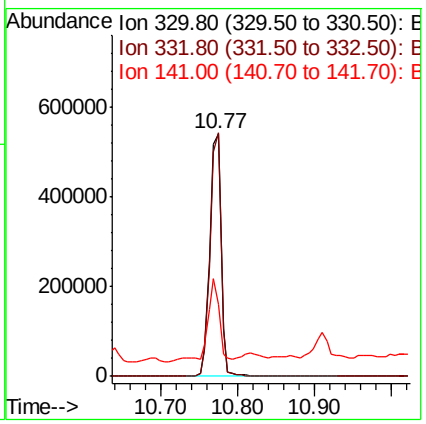


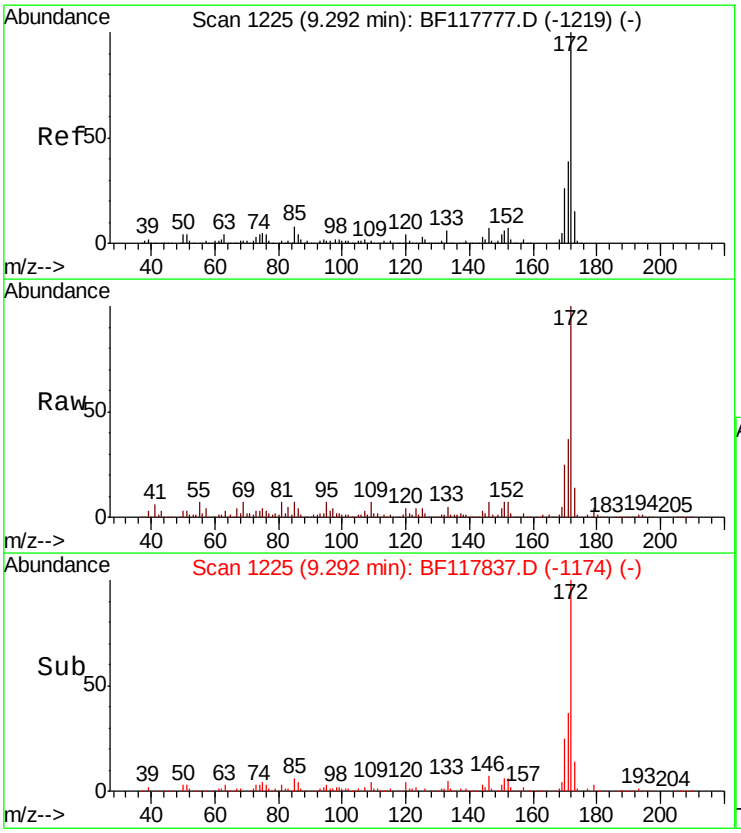
#42
2,4,6-Tribromophenol
Concen: 122.457 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 539558

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.7	115.1
141	36.2	27.7	41.5

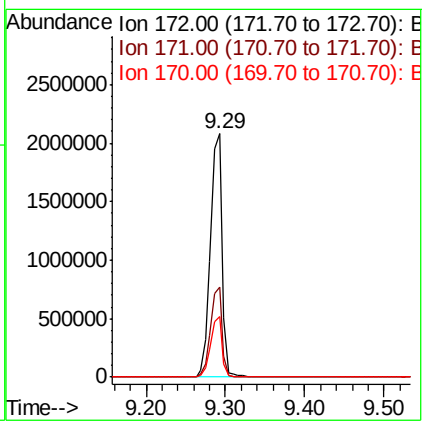


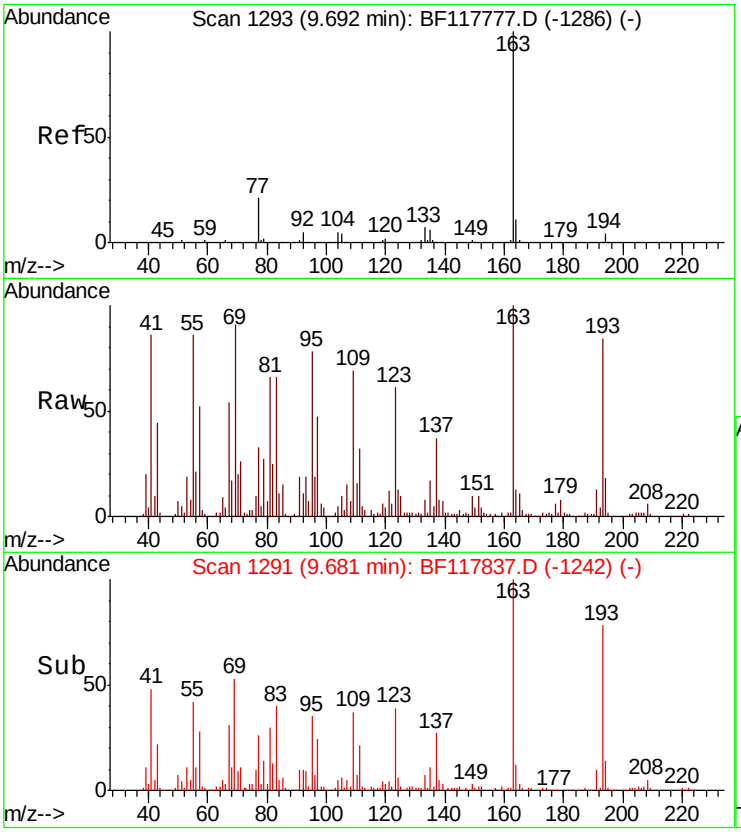


#45
2-Fluorobiphenyl
Concen: 92.038 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion:172 Resp: 2135124

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.9	46.3
170	25.0	21.0	31.4



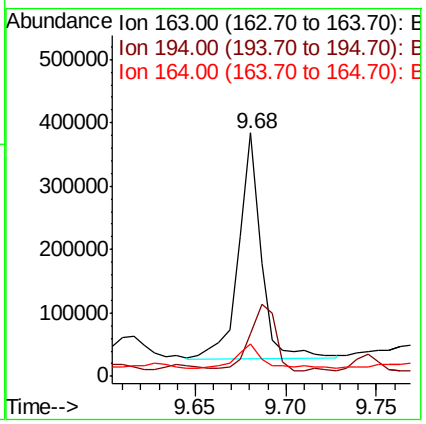


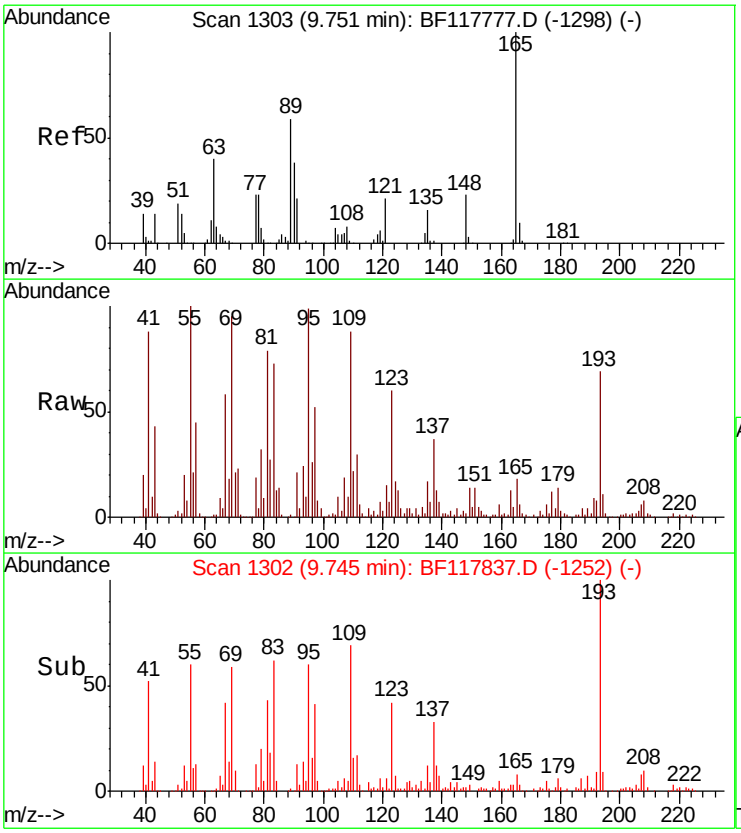
#50
Dimethylphthalate
Concen: 10.607 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 309556

Ion	Ratio	Lower	Upper
163	100		
194	17.7	3.3	4.9#
164	13.3	8.7	13.1#

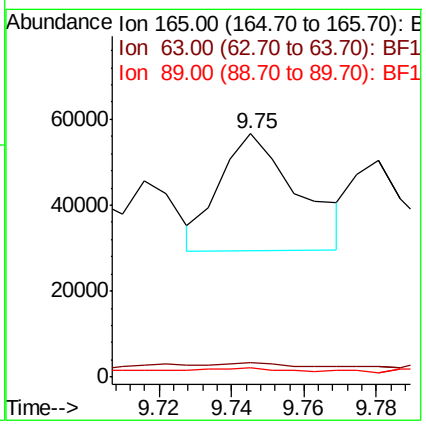


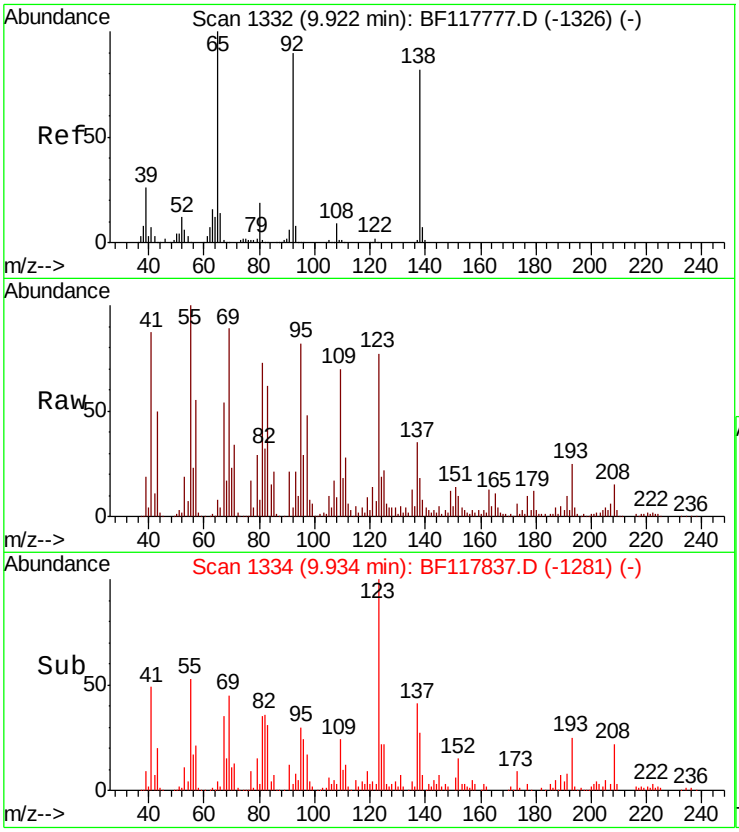


#51
2,6-Dinitrotoluene
Concen: 6.402 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion:165 Resp: 40835

Ion	Ratio	Lower	Upper
165	100		
63	5.9	46.0	69.0#
89	3.6	47.7	71.5#



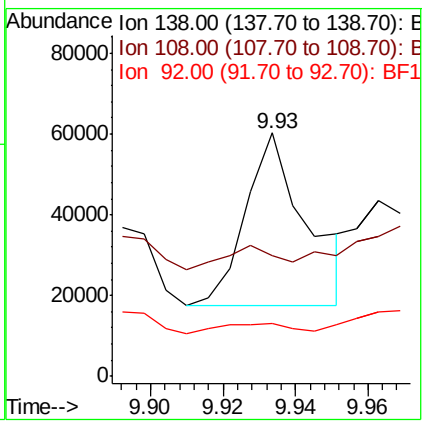


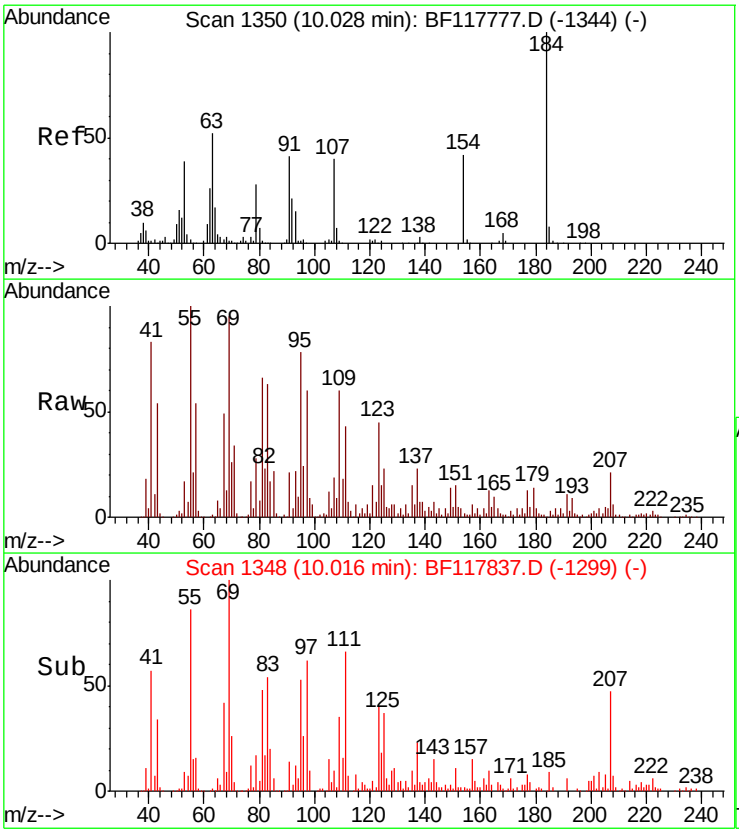
#53
3-Nitroaniline
Concen: 6.550 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 49993

Ion	Ratio	Lower	Upper
138	100		
108	49.8	8.6	12.8#
92	21.7	87.9	131.9#

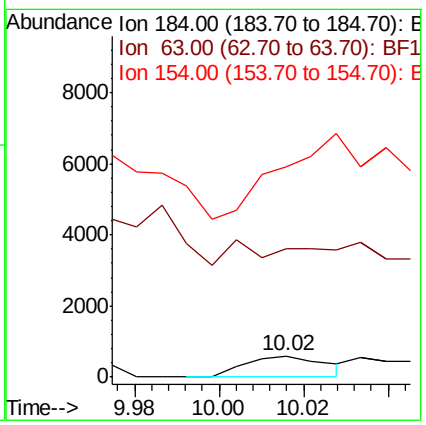


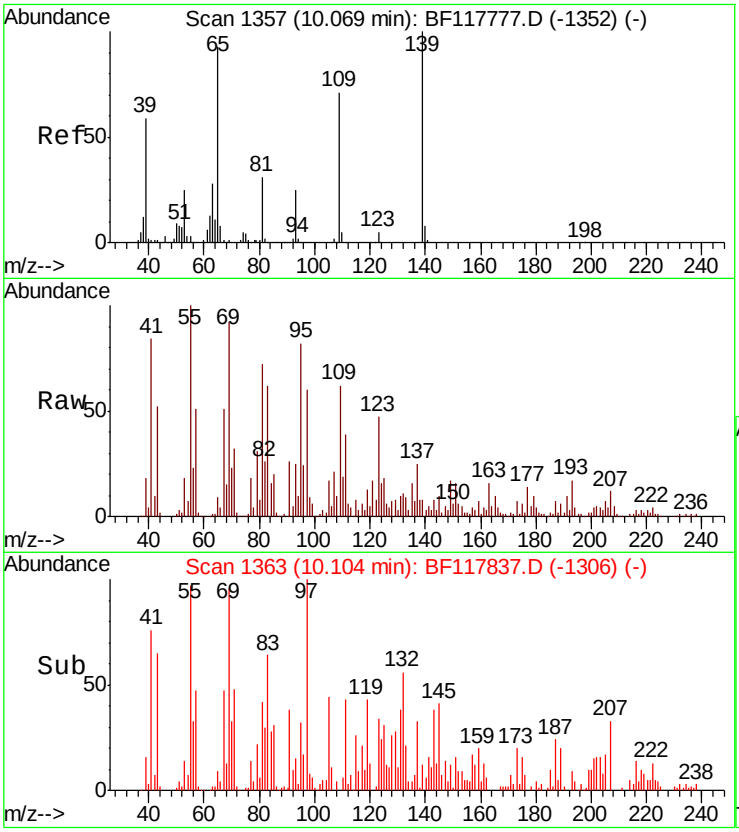


#54
2,4-Dinitrophenol
Concen: 7.446 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion:184 Resp: 797

Ion	Ratio	Lower	Upper
184	100		
63	611.3	43.0	64.6#
154	1003.2	48.0	72.0#



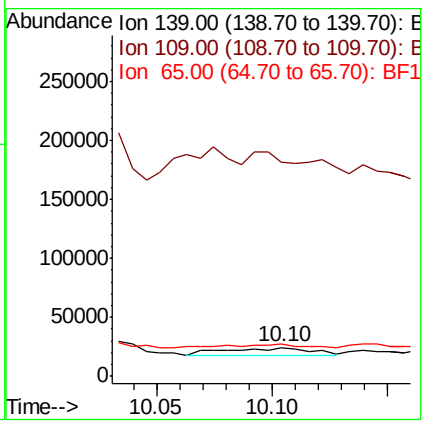


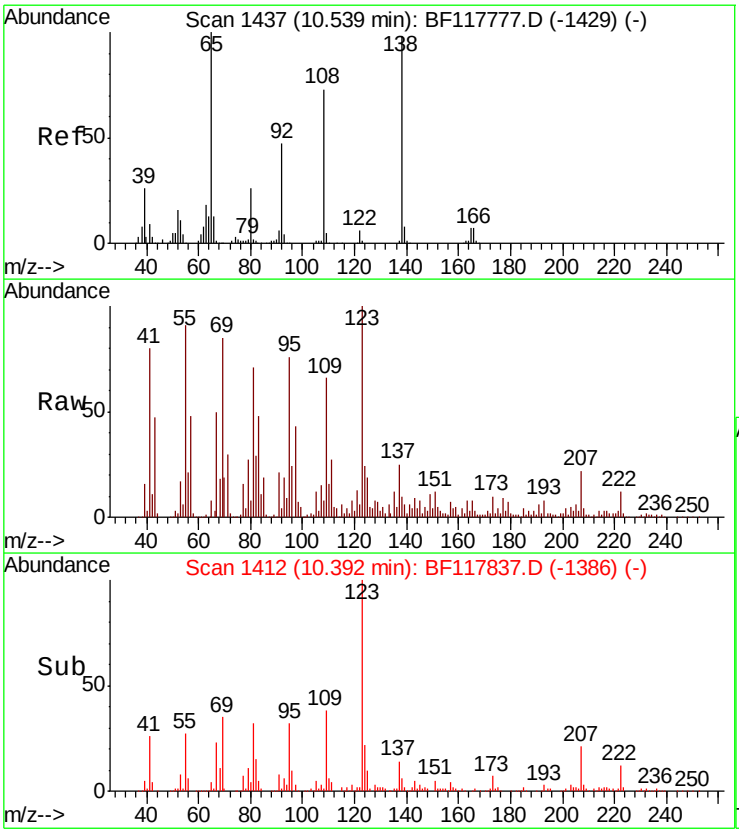
#56
4-Nitrophenol
Concen: 3.112 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.04 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 17727

Ion	Ratio	Lower	Upper
139	100		
109	737.1	50.8	90.8#
65	112.9	73.6	113.6

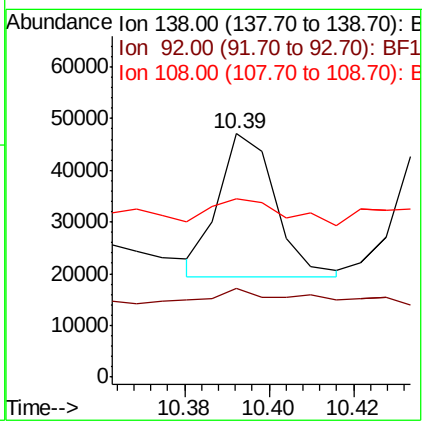


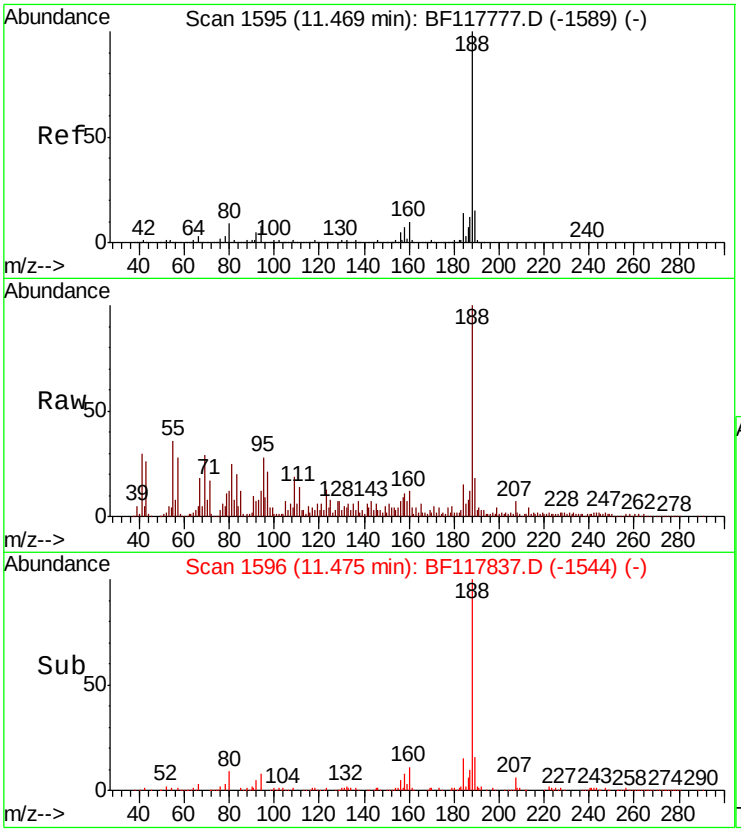


#62
4-Nitroaniline
Concen: 3.387 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.15 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion:138 Resp: 25885

Ion	Ratio	Lower	Upper
138	100		
92	36.6	28.3	68.3
108	73.5	54.3	94.3



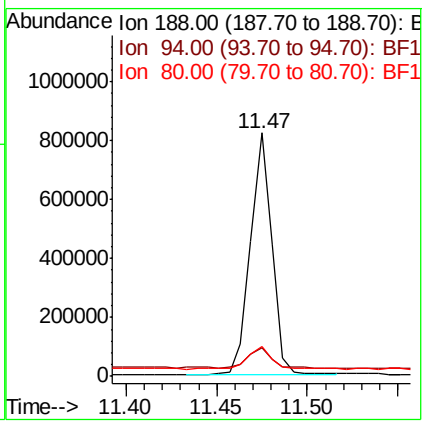


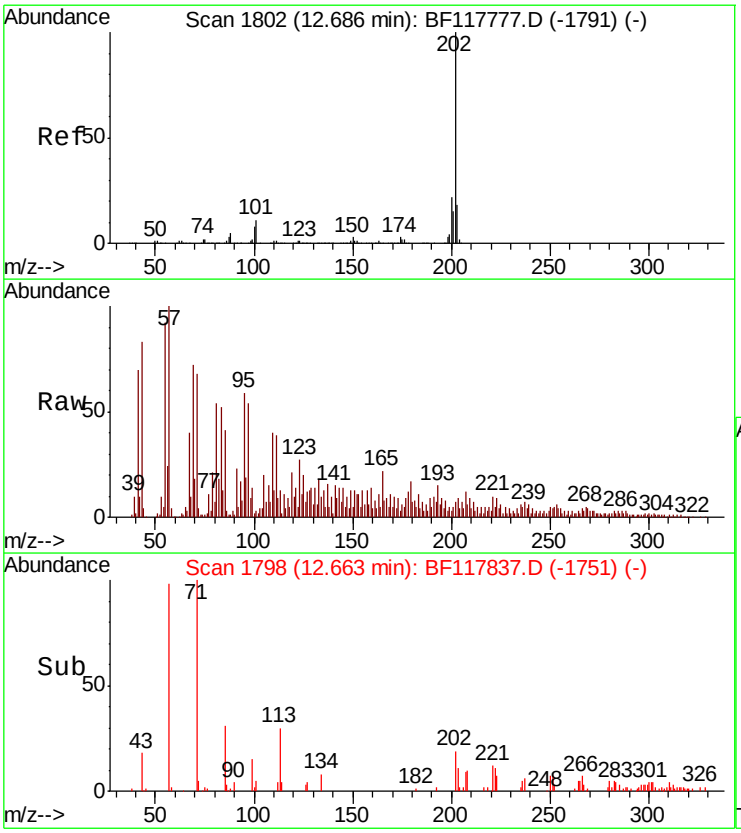
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 670248

Ion	Ratio	Lower	Upper
188	100		
94	11.9	6.6	10.0#
80	12.0	7.2	10.8#

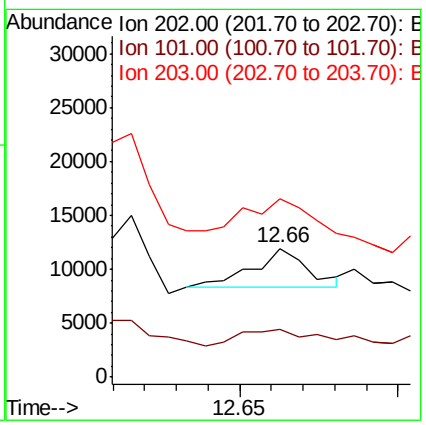


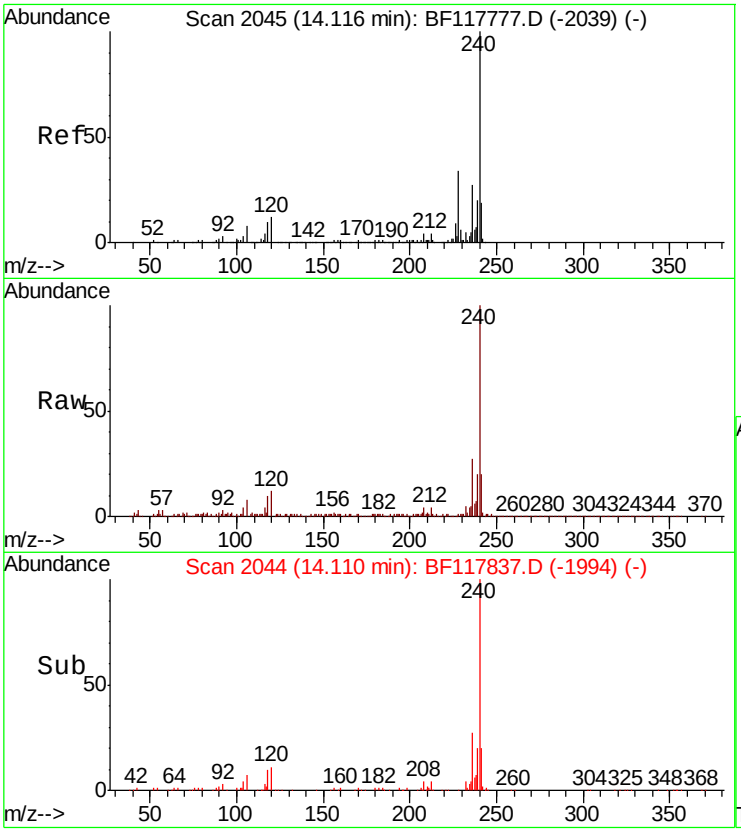


#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion:202 Resp: 4189

Ion	Ratio	Lower	Upper
202	100		
101	37.4	0.0	31.1#
203	138.2	0.0	38.2#



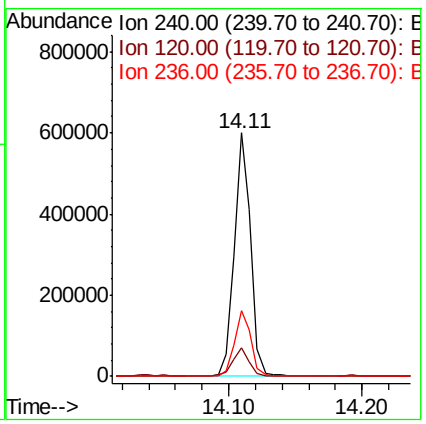


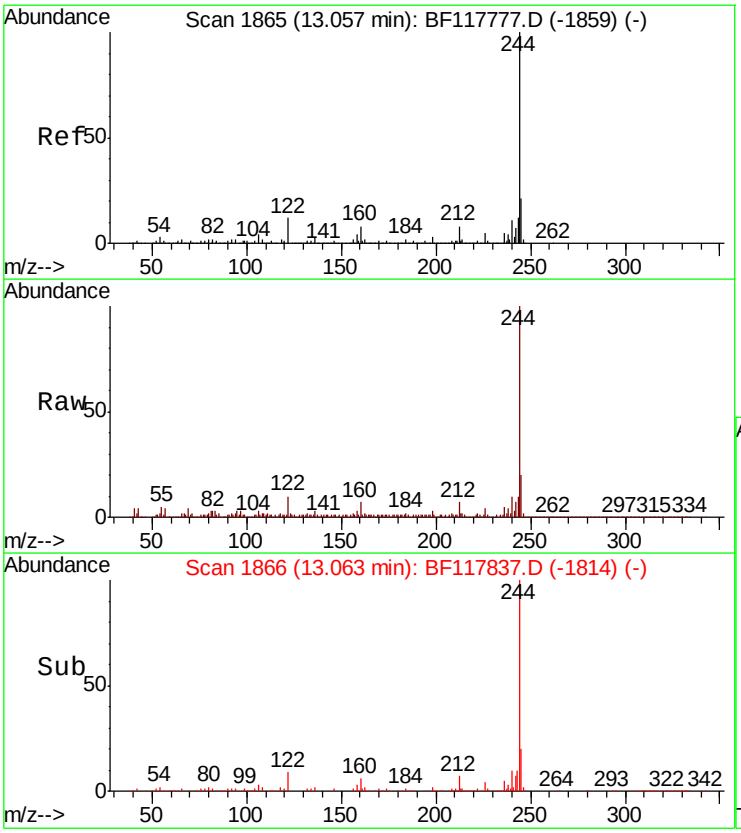
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 511805

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.9	21.3	31.9

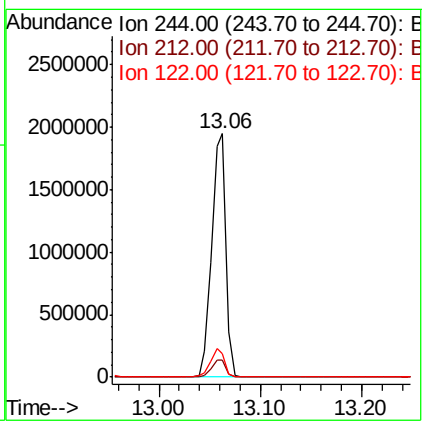


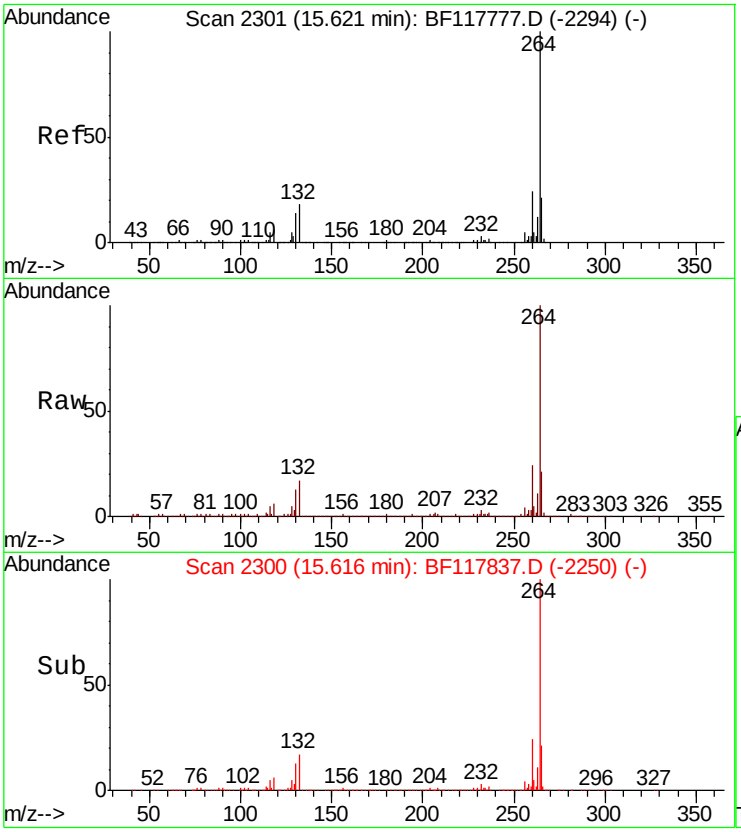


#79
Terphenyl-d14
Concen: 67.264 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion:244 Resp: 1883677

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	9.6	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 659480

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.4	17.1	25.7