Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117966.D
Acq On : 23 Nov 2019 19:36
Operator : JU
Sample : K5676-30
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 25 07:53:48 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	6.90	152	120949	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	582885	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	309880	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	592399	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	393292	20.00	ng	-0.02
87) Perylene-d12	15.60	264	377511	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1065938	156.00	ng	0.00
7) Phenol-d6	6.53	99	1214358	147.35	ng	-0.01
23) Nitrobenzene-d5	7.47	82	837944	85.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	442210	134.79	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1472481	85.25	ng	-0.02
79) Terphenyl-d14	13.04	244	2188759	101.71	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.53	77	2532	Below Cal	#	1
15) Benzyl Alcohol	7.06	79	12743	2.003	ng	# 48
19) n-Nitroso-di-n-propylamine	7.47	70	115783	22.772	ng	# 73
25) Isophorone	7.47	82	837931	46.625	ng	# 62
51) 2,6-Dinitrotoluene	9.95	165	38966	8.205	ng	# 23
57) 2,4-Dinitrotoluene	9.95	165	38966	6.450	ng	# 24
67) 4-Bromophenyl-phenylether	10.75	248	27504	4.303	ng	# 1
75) Fluoranthene	12.66	202	2139	Below Cal		96
77) Benzidine	13.04	184	29993	2.328	ng	# 92

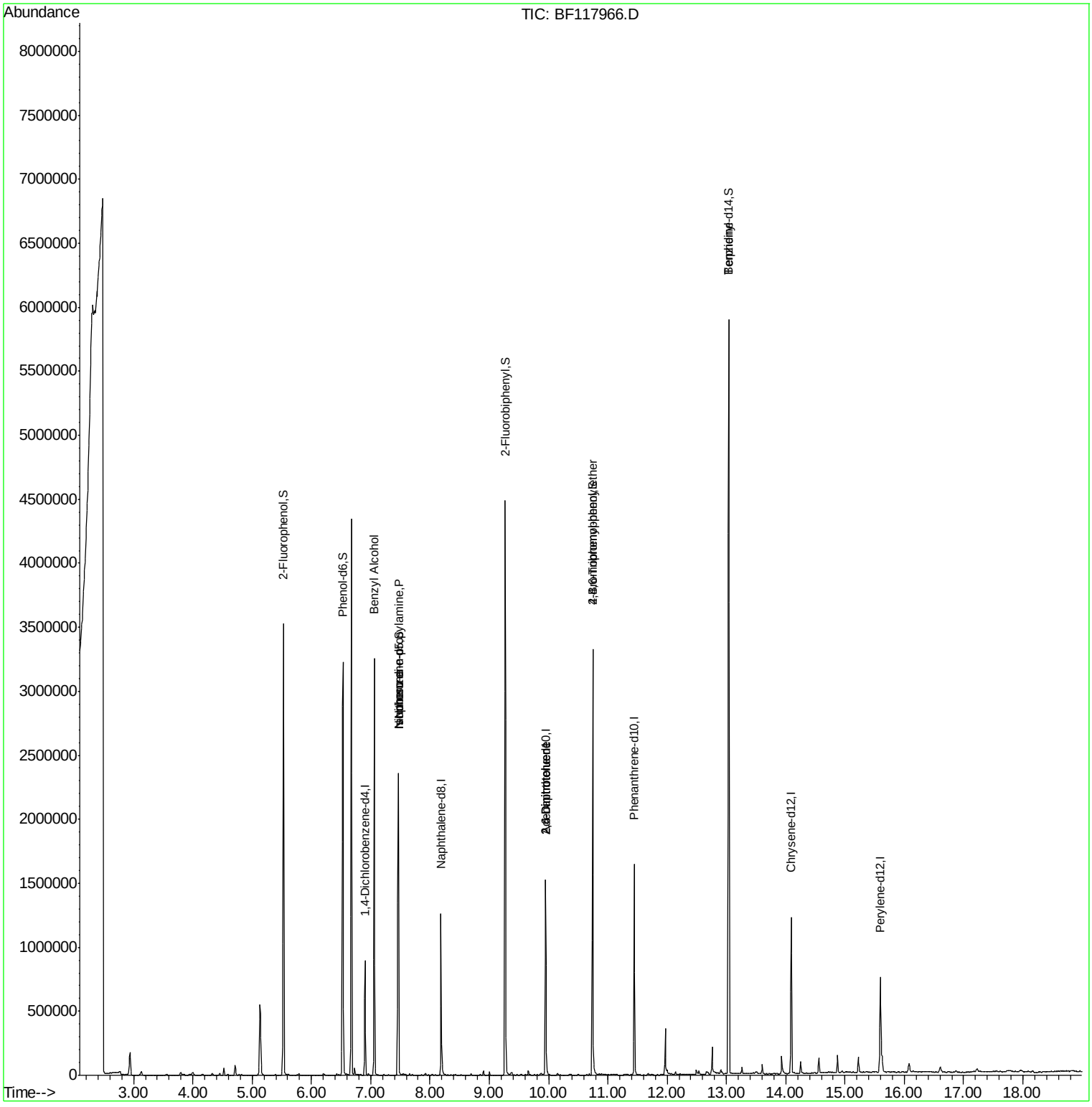
(#) = qualifier out of range (m) = manual integration (+) = signals summed

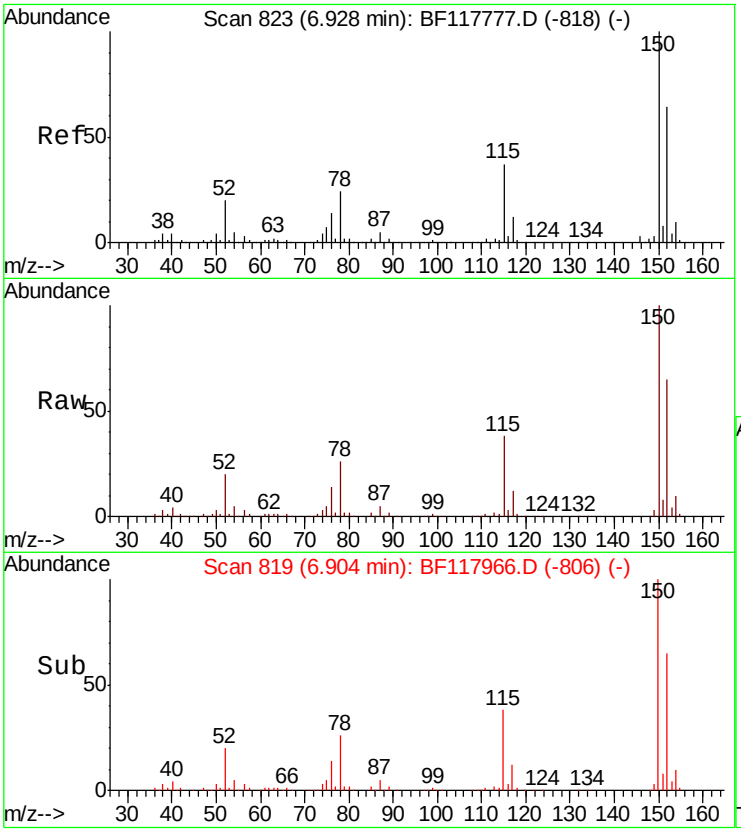
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117966.D
Acq On : 23 Nov 2019 19:36
Operator : JU
Sample : K5676-30
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 25 07:53:48 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



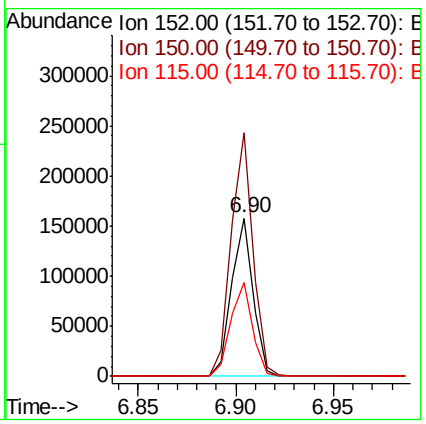


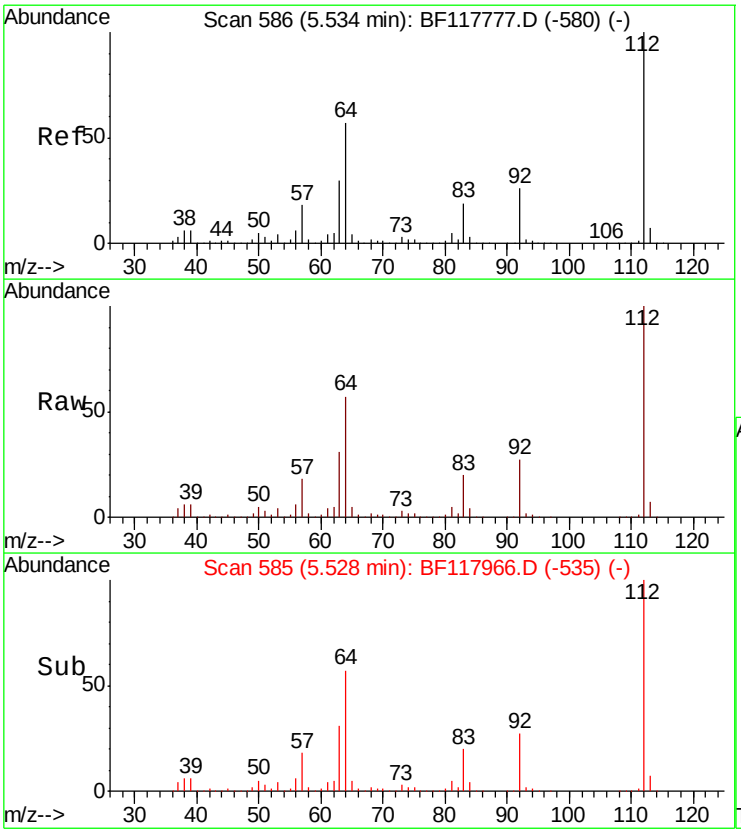
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120949

Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.3	187.9
115	59.0	47.0	70.4

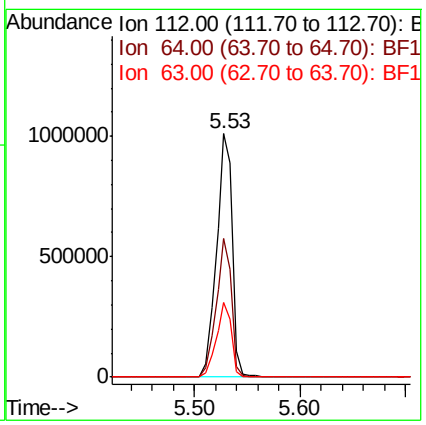


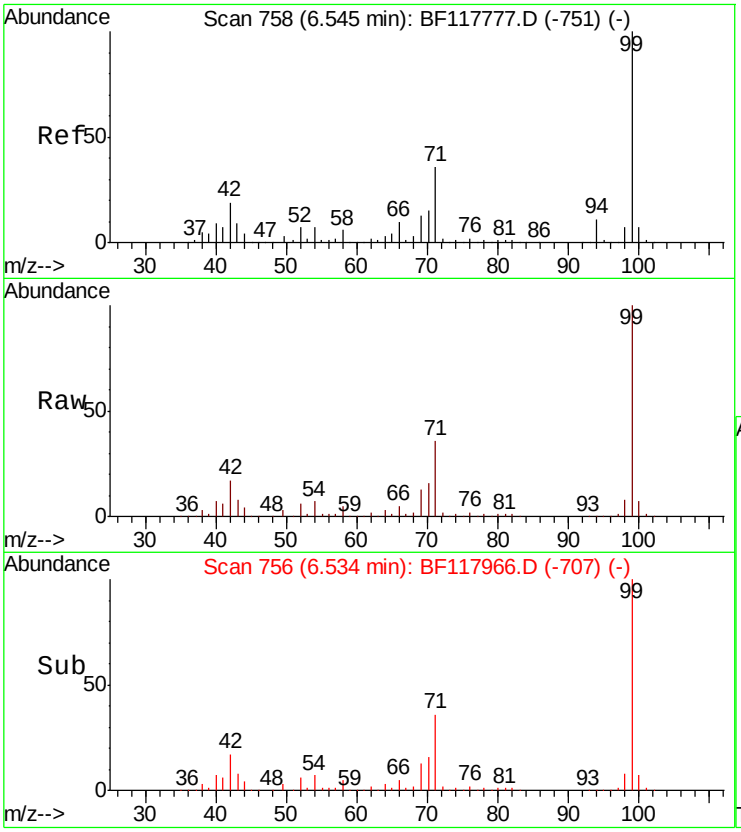


#5
2-Fluorophenol
Concen: 156.002 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion:112 Resp: 1065938

Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.6	68.4
63	30.6	24.1	36.1



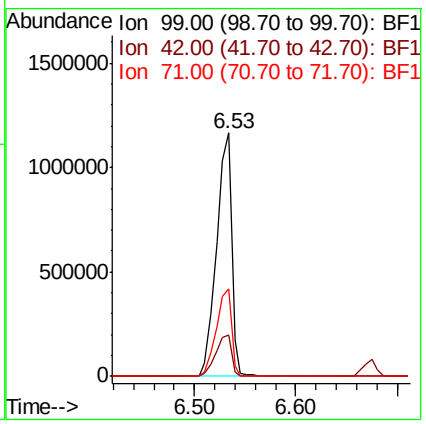


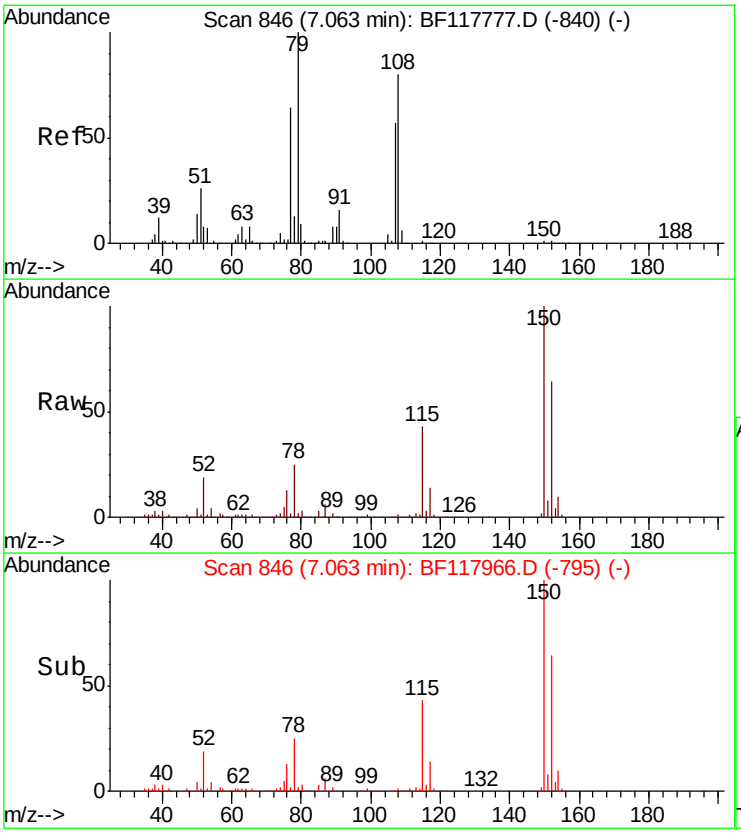
#7
Phenol-d6
Concen: 147.346 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1214358

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.9	22.3
71	35.7	28.6	43.0

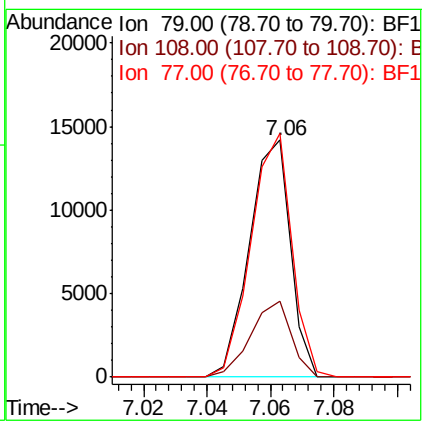


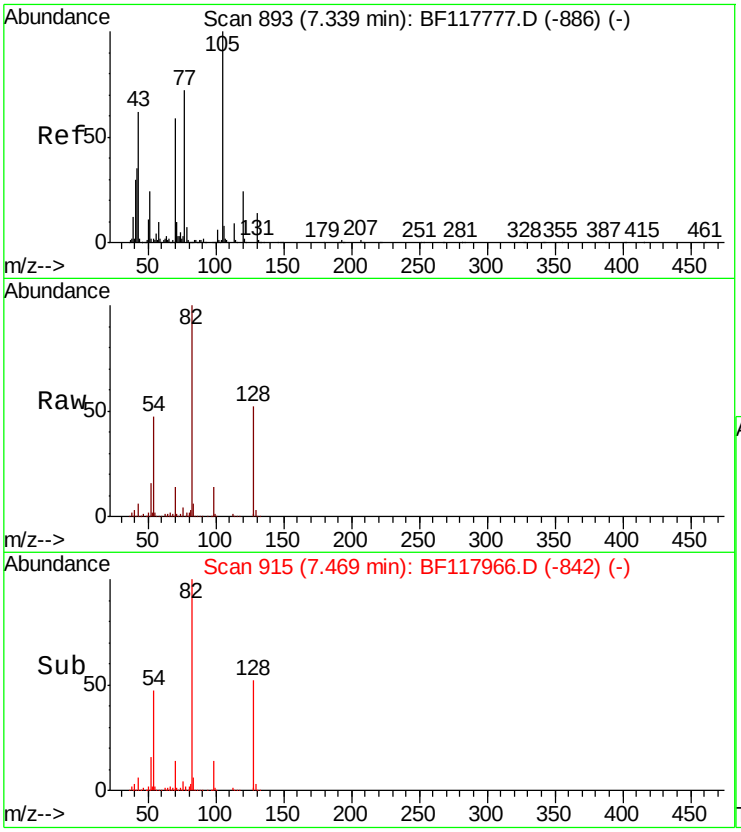


#15
Benzyl Alcohol
Concen: 2.003 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion: 79 Resp: 12743

Ion	Ratio	Lower	Upper
79	100		
108	32.1	64.1	96.1#
77	102.7	51.3	76.9#



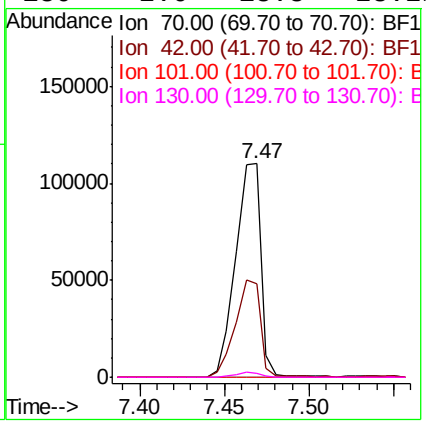


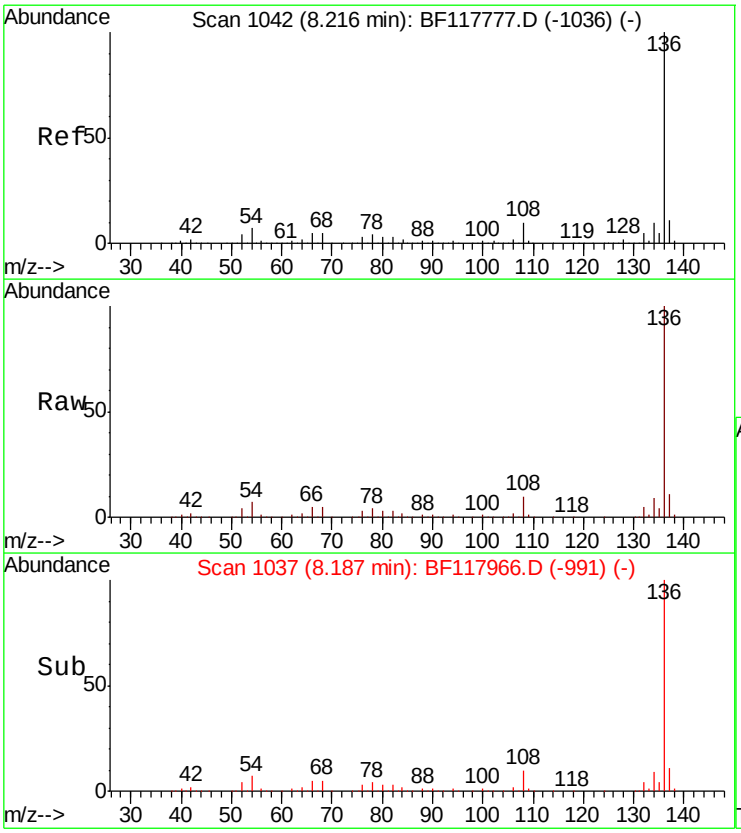
#19
n-Nitroso-di-n-propylamine
Concen: 22.772 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.13 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 115783

Ion	Ratio	Lower	Upper
70	100		
42	44.0	47.4	71.2#
101	0.0	8.4	12.6#
130	2.0	18.8	28.2#

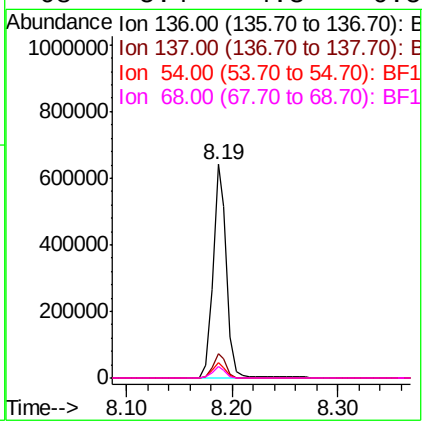


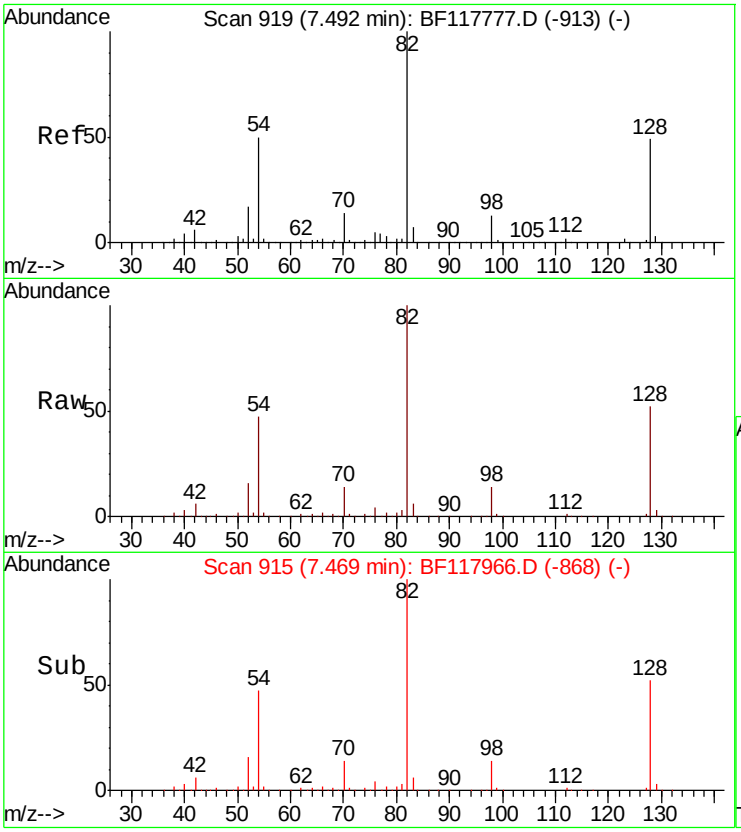


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion:136 Resp: 582885

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.9	5.4	8.2
68	5.4	4.3	6.5



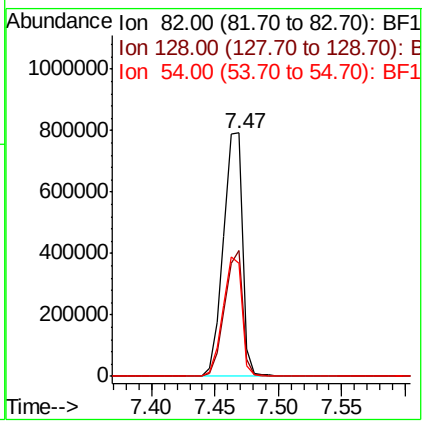


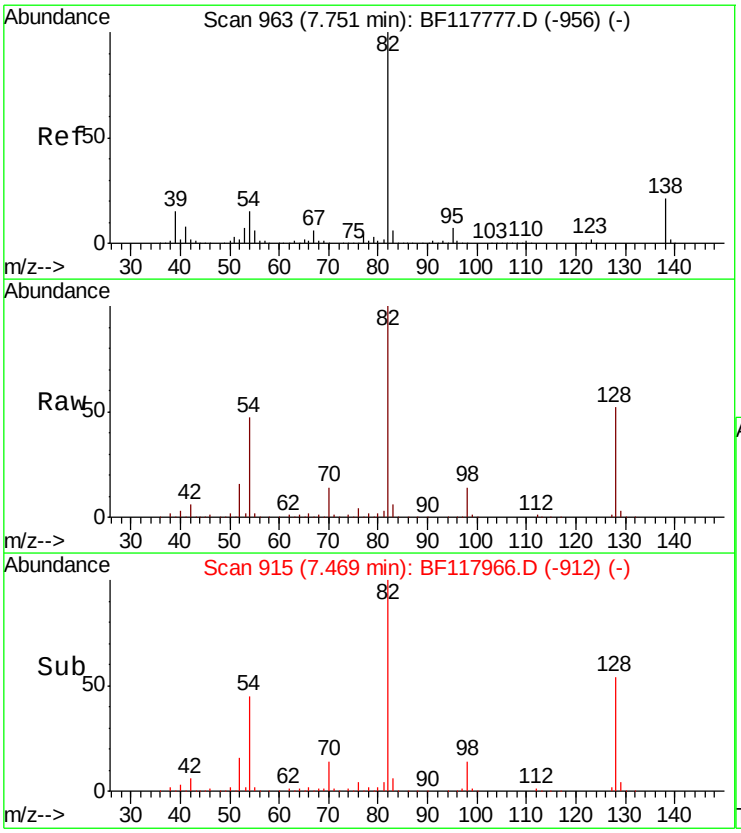
#23
Nitrobenzene-d5
Concen: 85.458 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 837944

Ion	Ratio	Lower	Upper
82	100		
128	51.7	38.9	58.3
54	46.7	39.8	59.6

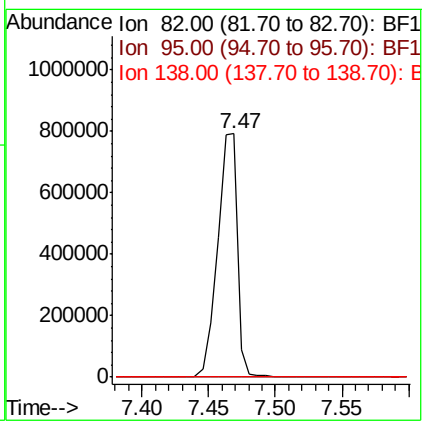


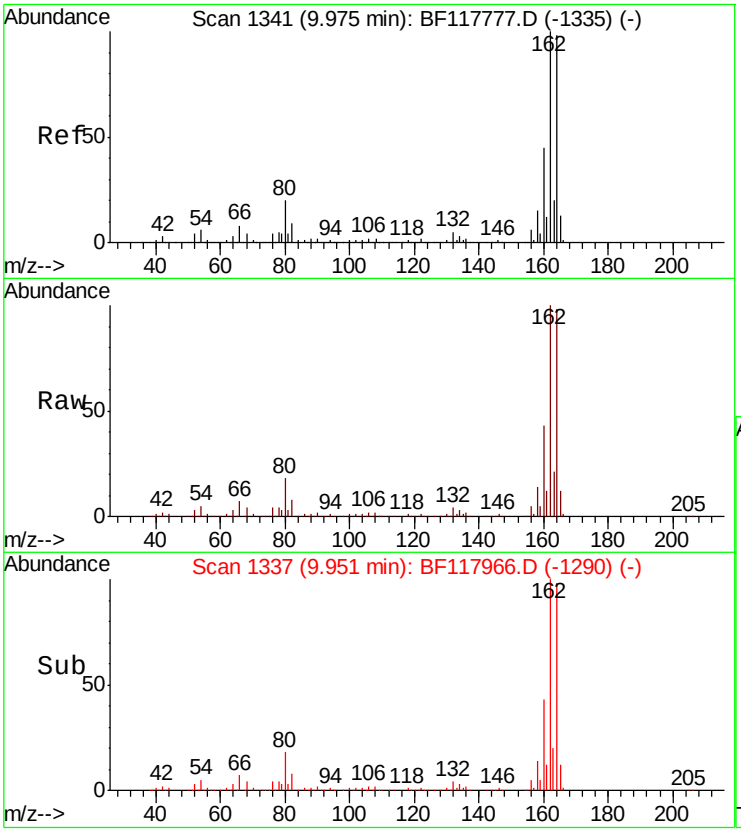


#25
Isophorone
Concen: 46.625 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.28 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion: 82 Resp: 837931

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



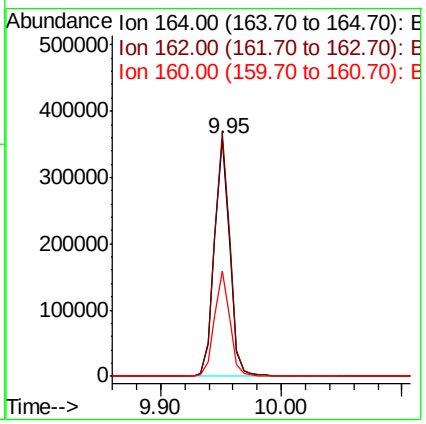


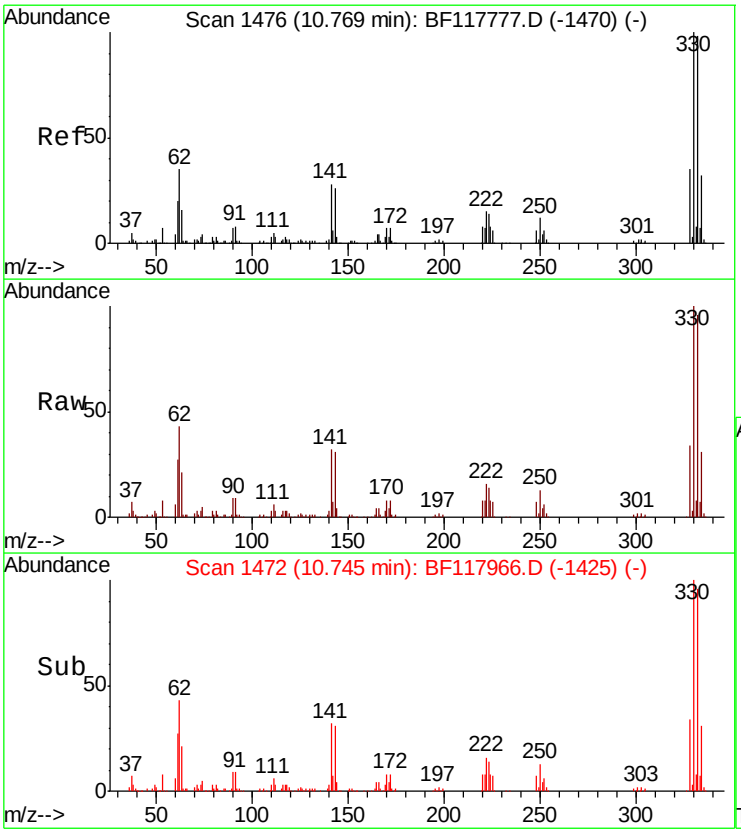
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 309880

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	44.1	36.6	55.0

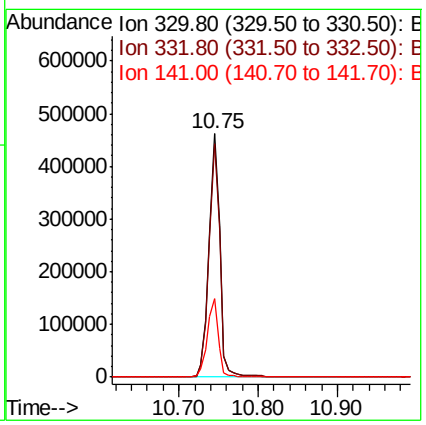


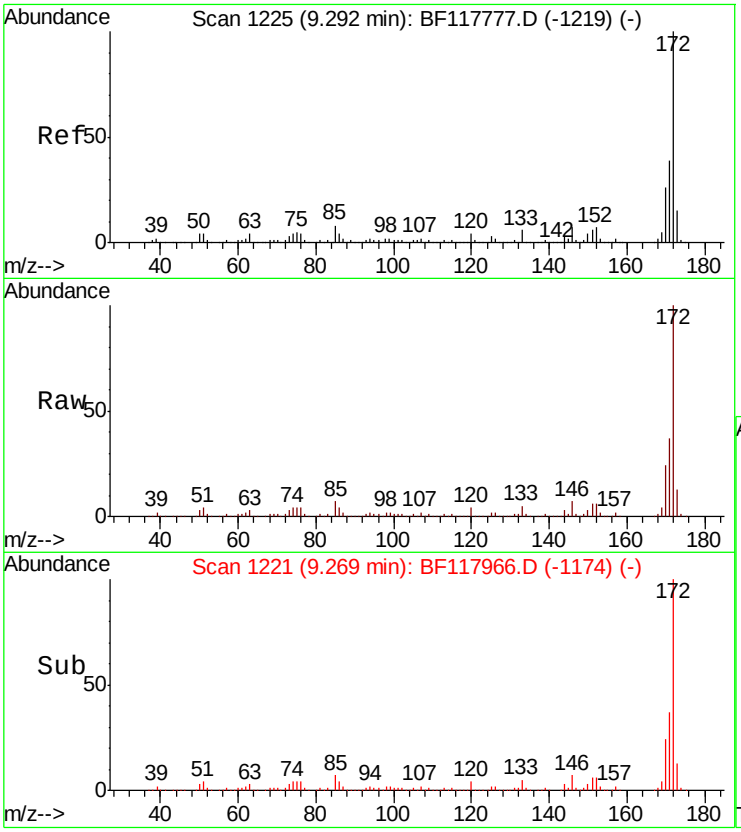


#42
2,4,6-Tribromophenol
Concen: 134.793 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion:330 Resp: 442210

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.7	115.1
141	33.0	27.7	41.5



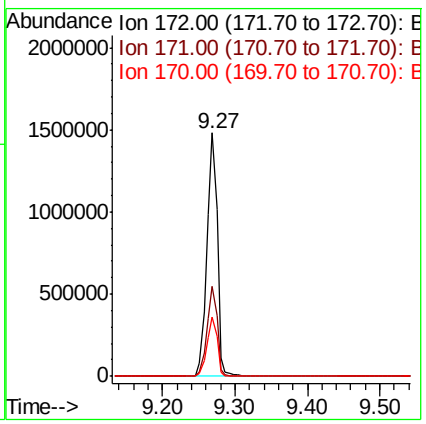


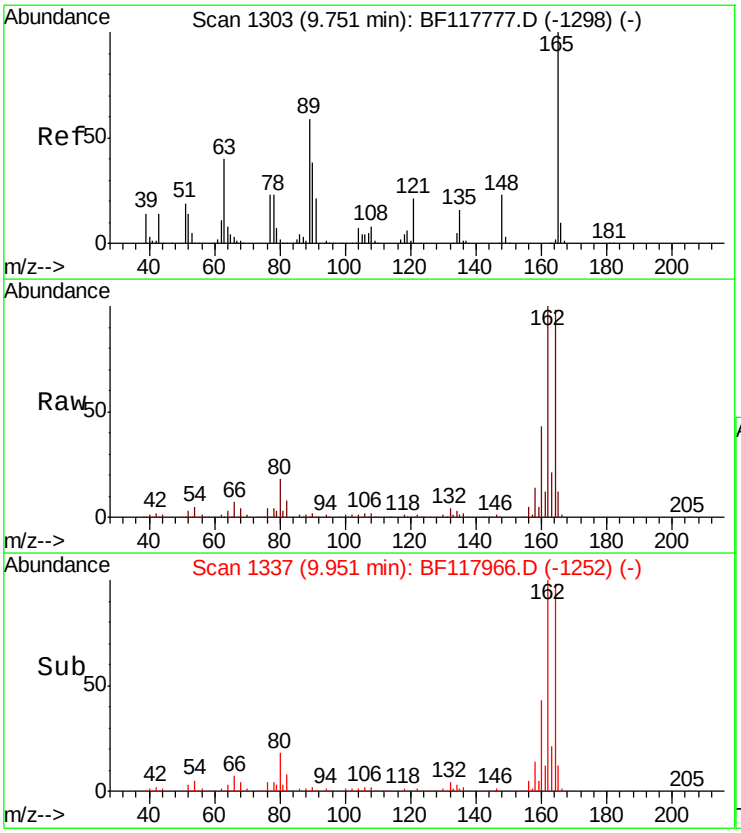
#45
2-Fluorobiphenyl
Concen: 85.249 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1472481

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.9	46.3
170	24.5	21.0	31.4

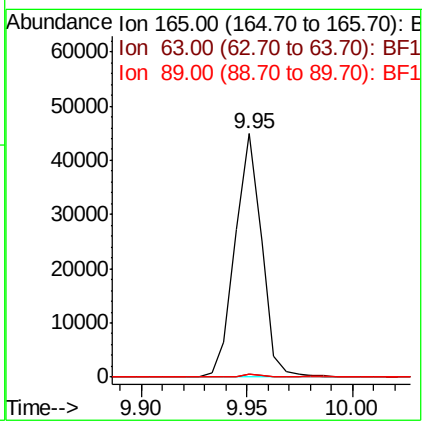


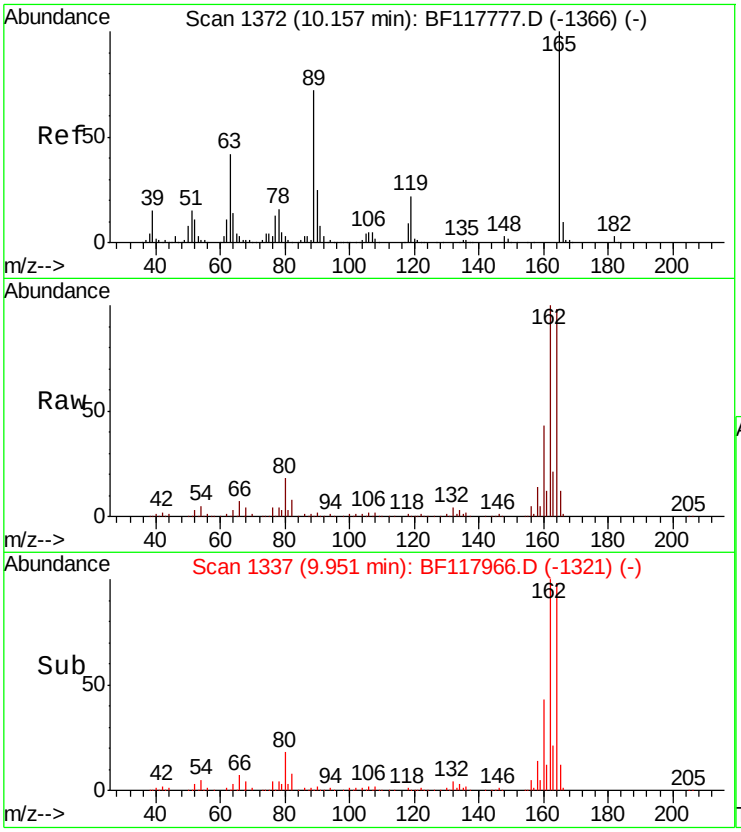


#51
2,6-Dinitrotoluene
Concen: 8.205 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.20 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion:165 Resp: 38966

Ion	Ratio	Lower	Upper
165	100		
63	1.0	46.0	69.0#
89	1.2	47.7	71.5#



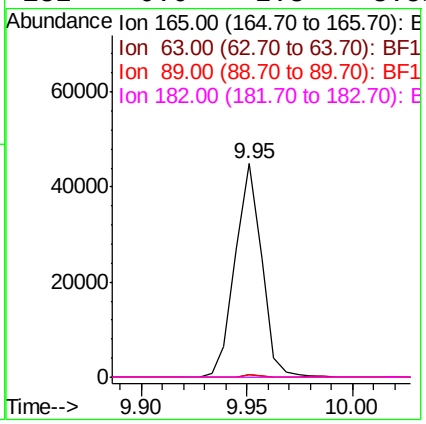


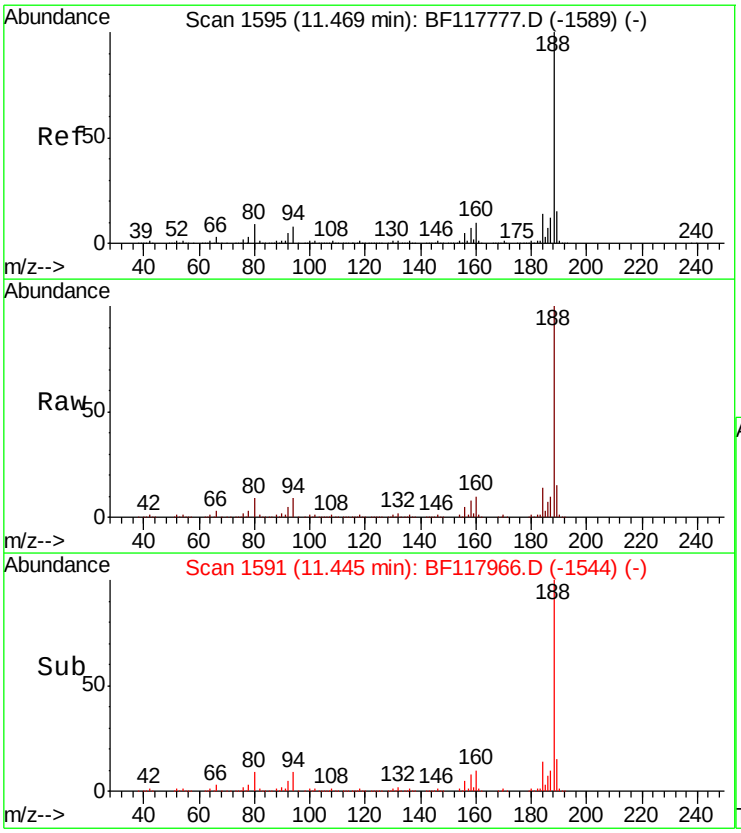
#57
2,4-Dinitrotoluene
Concen: 6.450 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.21 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38966

Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.7	50.5#
89	1.2	57.3	85.9#
182	0.0	2.3	3.5#

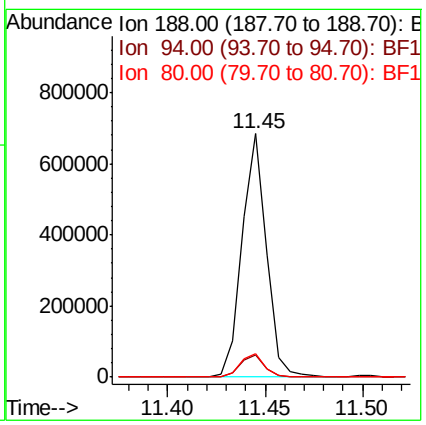


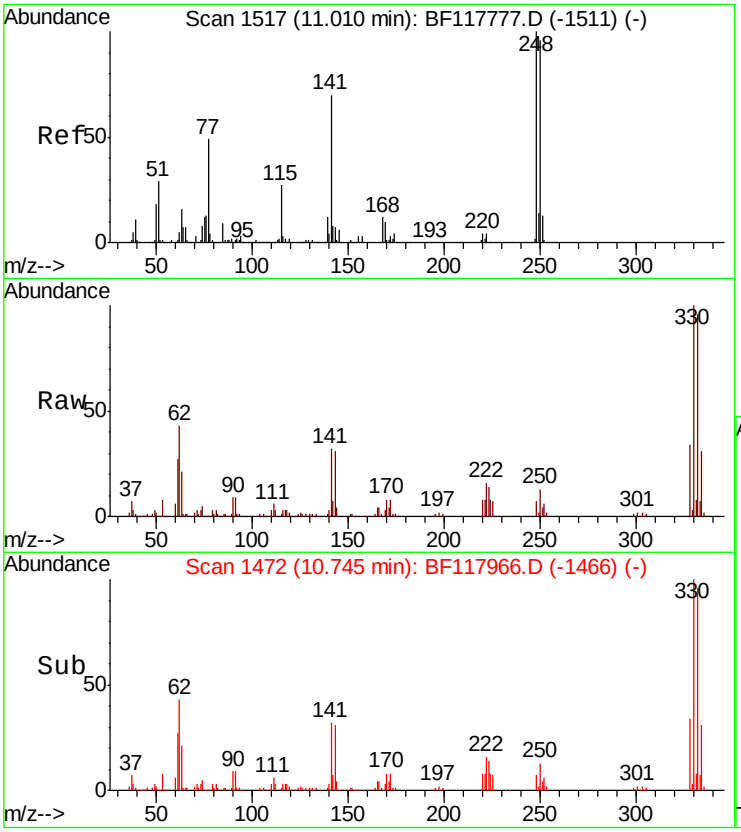


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion:188 Resp: 592399

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.4	7.2	10.8



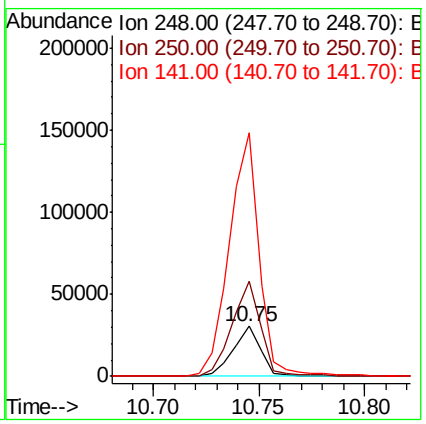


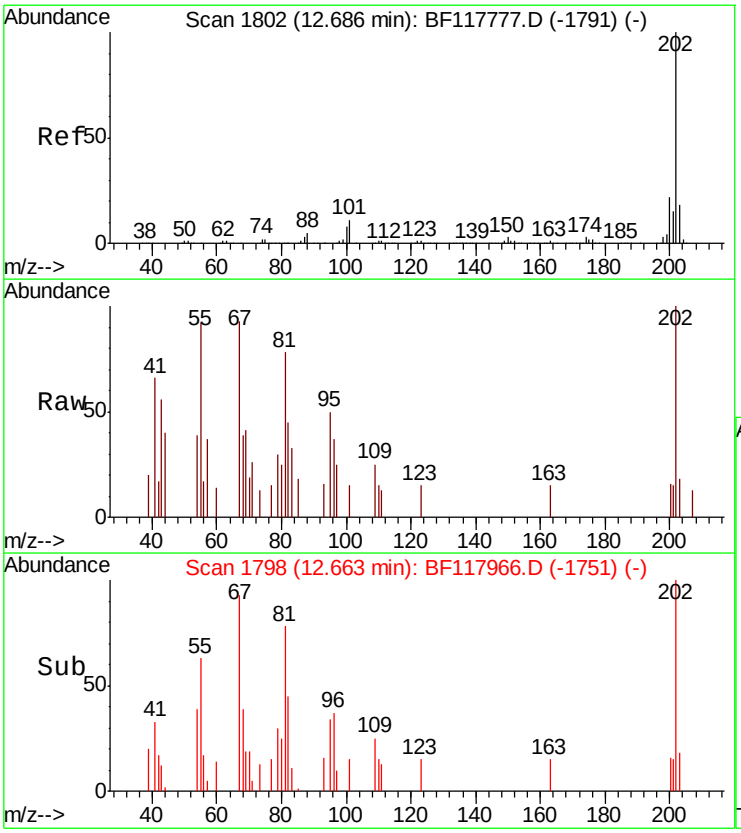
#67
4-Bromophenyl-phenylether
Concen: 4.303 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.26 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 27504

Ion	Ratio	Lower	Upper
248	100		
250	190.4	76.6	115.0#
141	488.6	55.9	83.9#

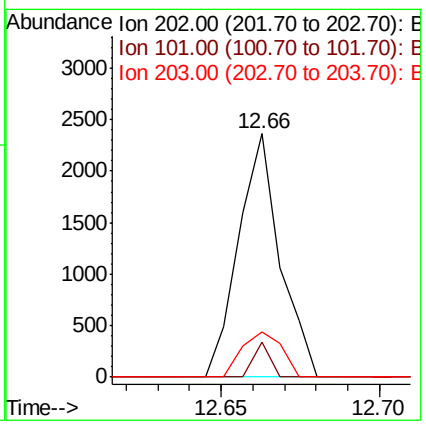


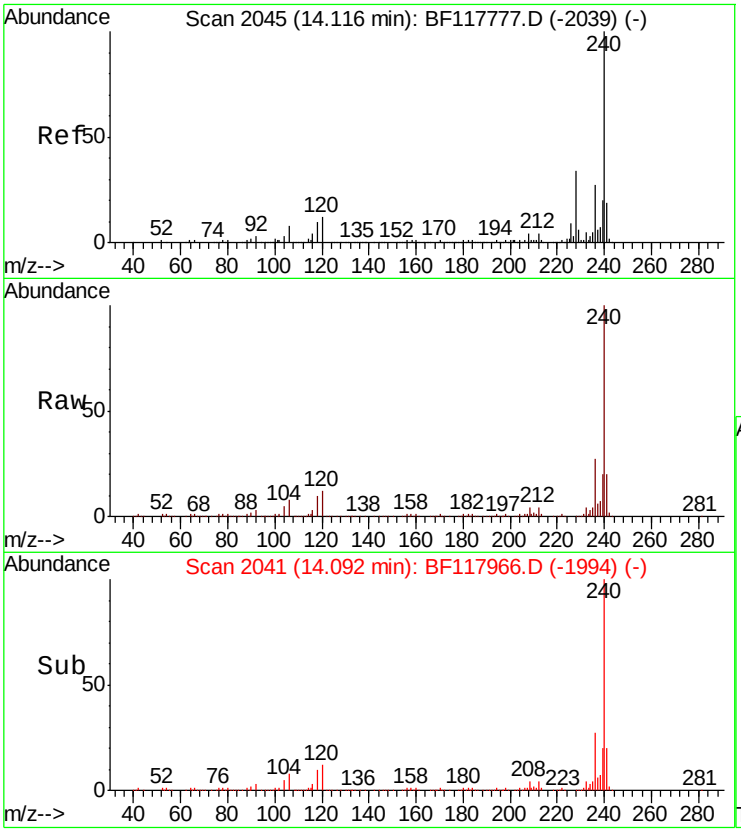


#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion:202 Resp: 2139

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	31.1
203	18.4	0.0	38.2



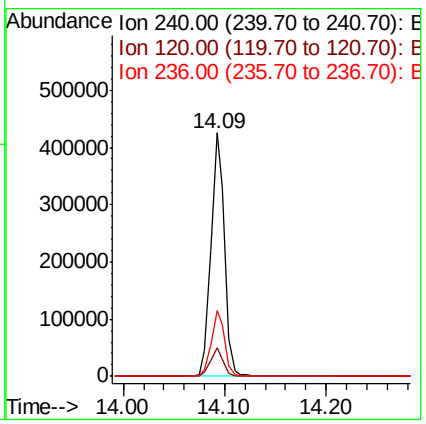


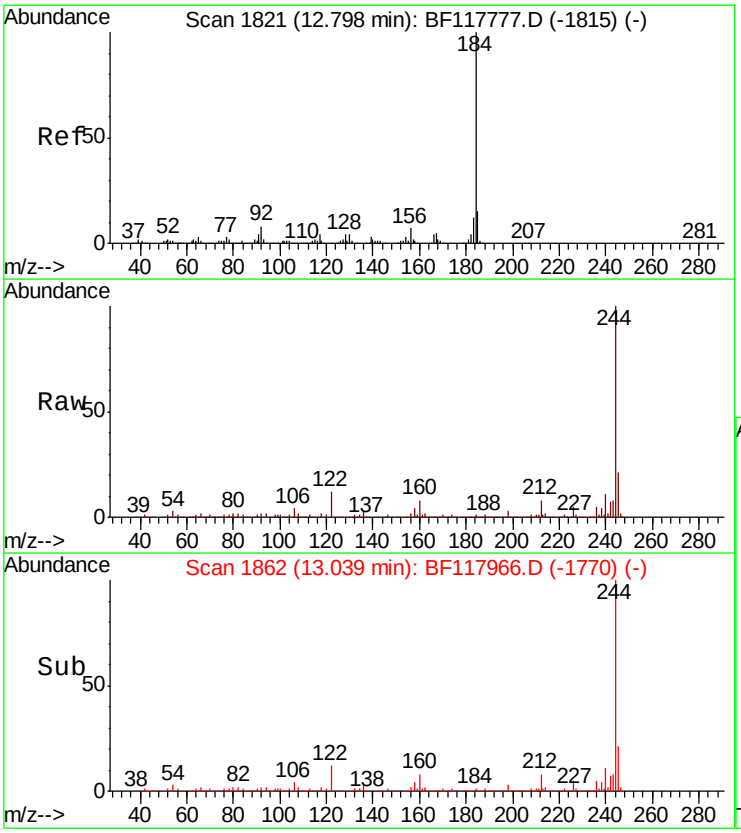
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 393292

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.8	21.3	31.9

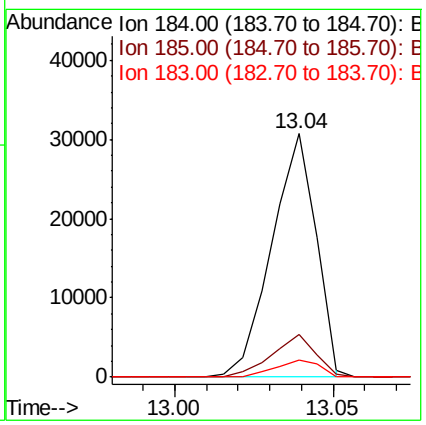


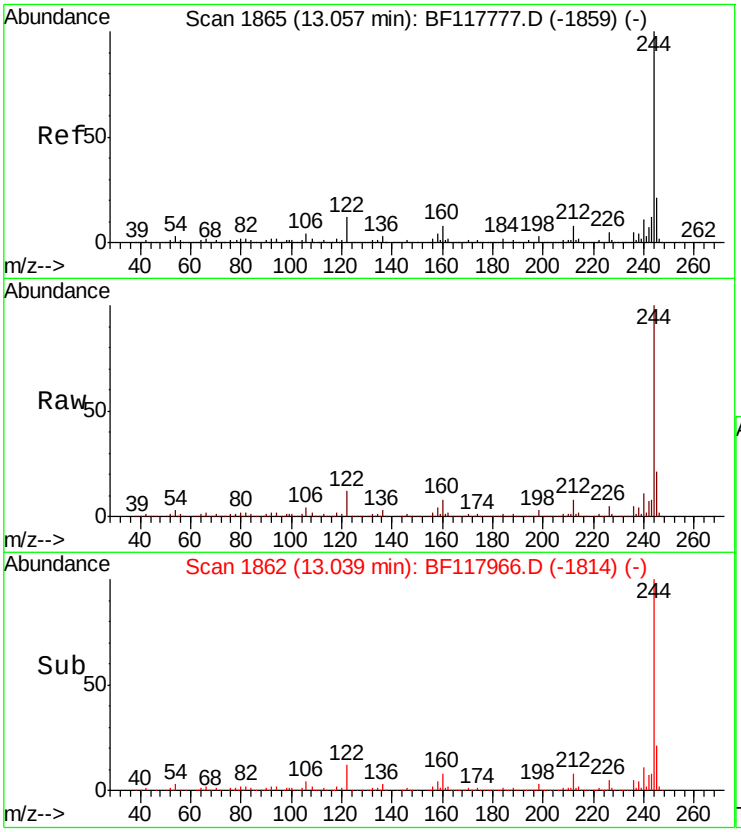


#77
Benzidine
Concen: 2.328 ng
RT: 13.04 min Scan# 1862
Delta R.T. 0.24 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion:184 Resp: 29993

Ion	Ratio	Lower	Upper
184	100		
185	17.5	12.2	18.4
183	7.2	9.5	14.3#



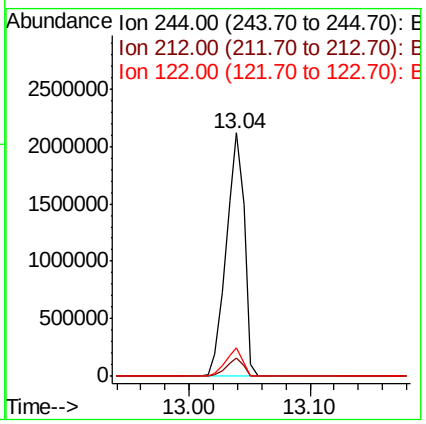


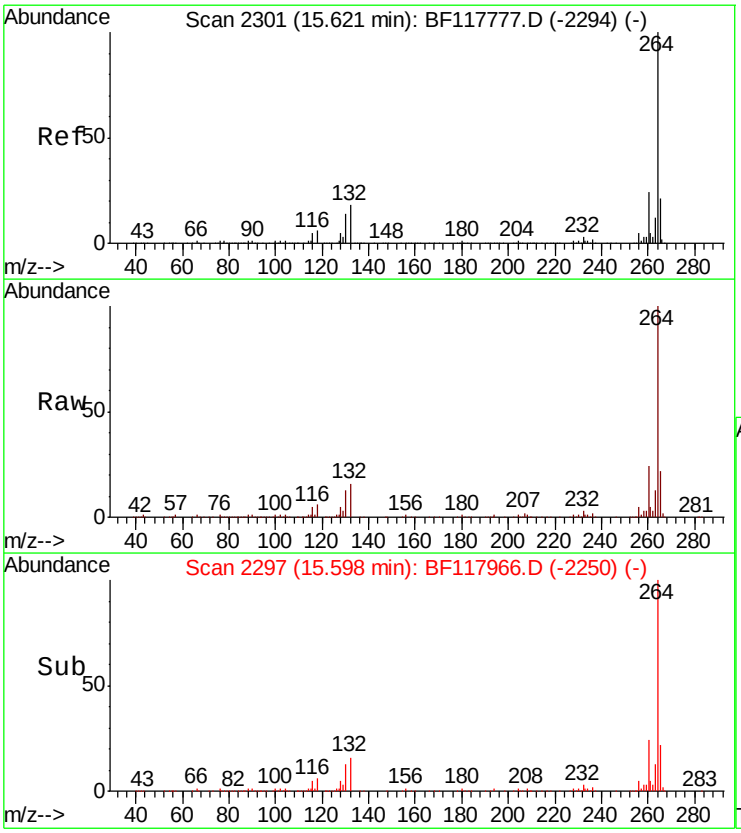
#79
Terphenyl-d14
Concen: 101.711 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2188759

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.6	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion:264 Resp: 377511

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.7	17.1	25.7