Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011020\

Quantitation Report (Not Reviewed)

Data File : BF118517.D
Acq On : 10 Jan 2020 16:24
Operator : JU
Sample : PB126016TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126016TB

Quant Time: Jan 11 02:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	74016	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	310272	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	167560	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	331330	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	204926	20.00	ng	-0.01
87) Perylene-d12	15.52	264	193233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	546083	121.79	ng	0.02
7) Phenol-d6	6.47	99	655251	122.23	ng	0.00
23) Nitrobenzene-d5	7.40	82	489511	82.88	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	236983	119.86	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	901615	77.17	ng	-0.01
79) Terphenyl-d14	12.96	244	1267287	98.00	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	66674	19.311	ng	# 74
25) Isophorone	7.40	82	489507	51.733	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	20606	7.440	ng	# 22
57) 2,4-Dinitrotoluene	9.87	165	20606	5.557	ng	# 19
67) 4-Bromophenyl-phenylether	10.67	248	14701	3.788	ng	# 1
77) Benzidine	12.73	184	1486	Below Cal		# 66

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

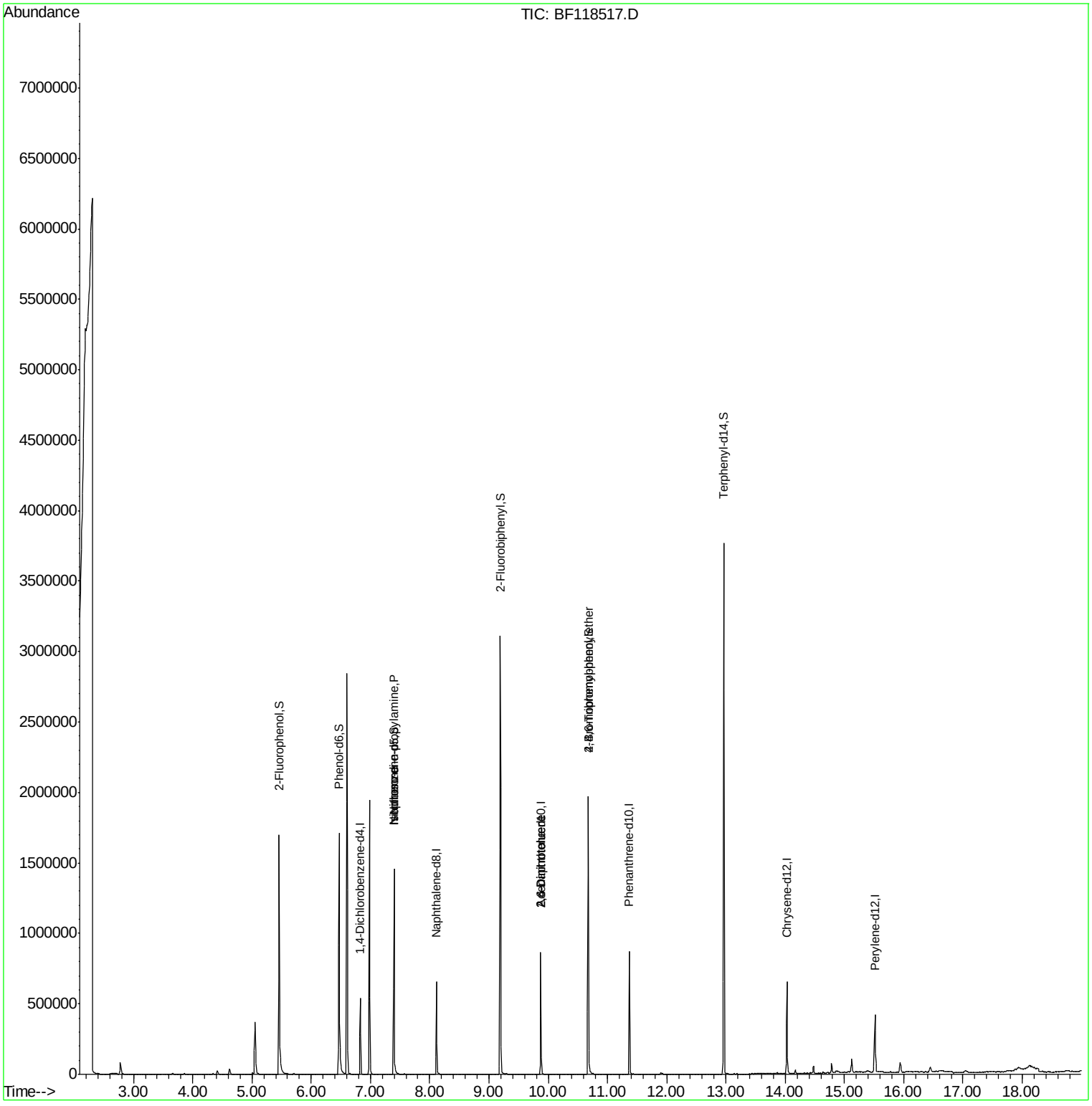
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011020\

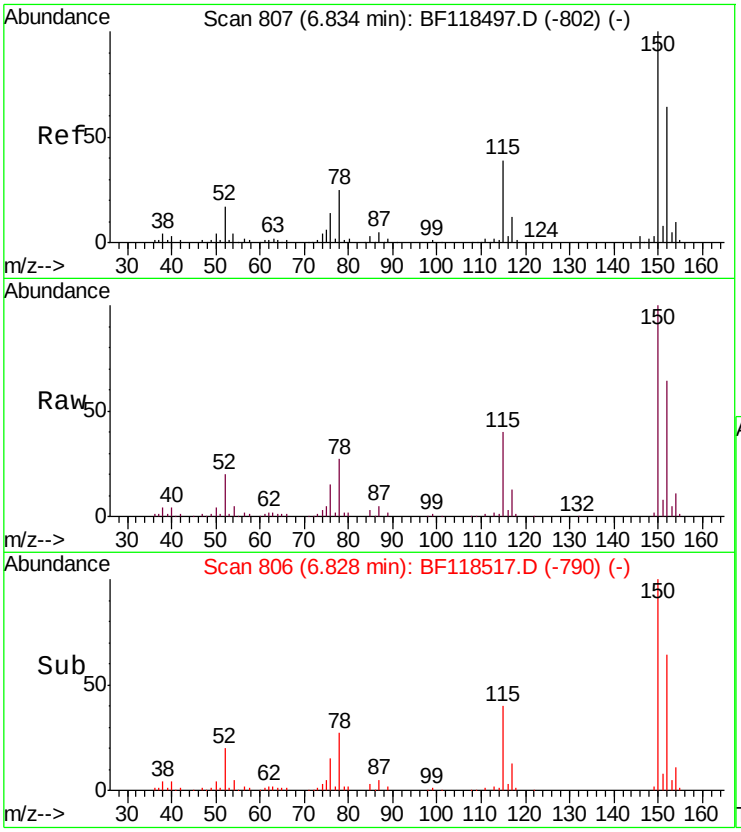
Quantitation Report (Not Reviewed)

Data File : BF118517.D
Acq On : 10 Jan 2020 16:24
Operator : JU
Sample : PB126016TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126016TB

Quant Time: Jan 11 02:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration



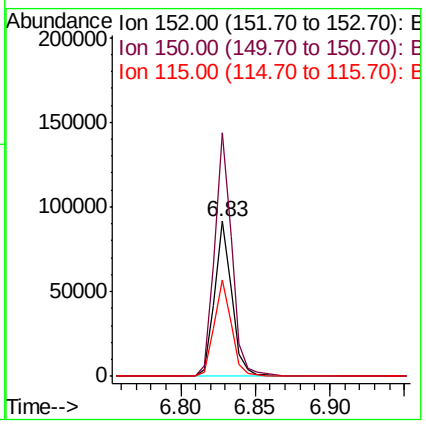


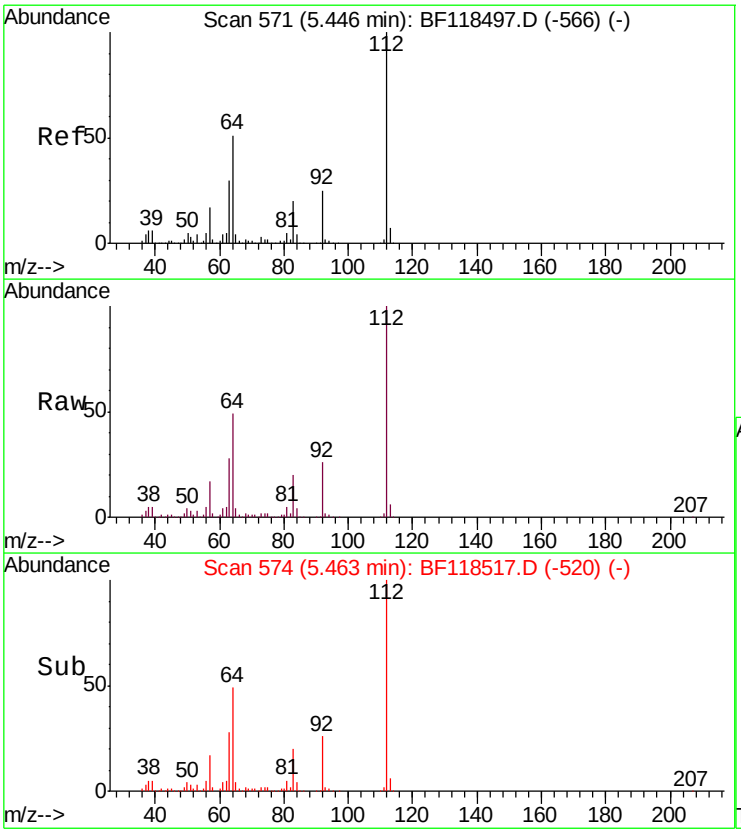
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PB126016TB

Tgt Ion:152 Resp: 74016

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.7	187.1
115	62.1	49.0	73.6

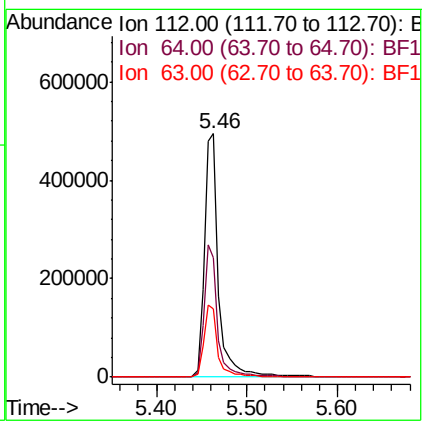


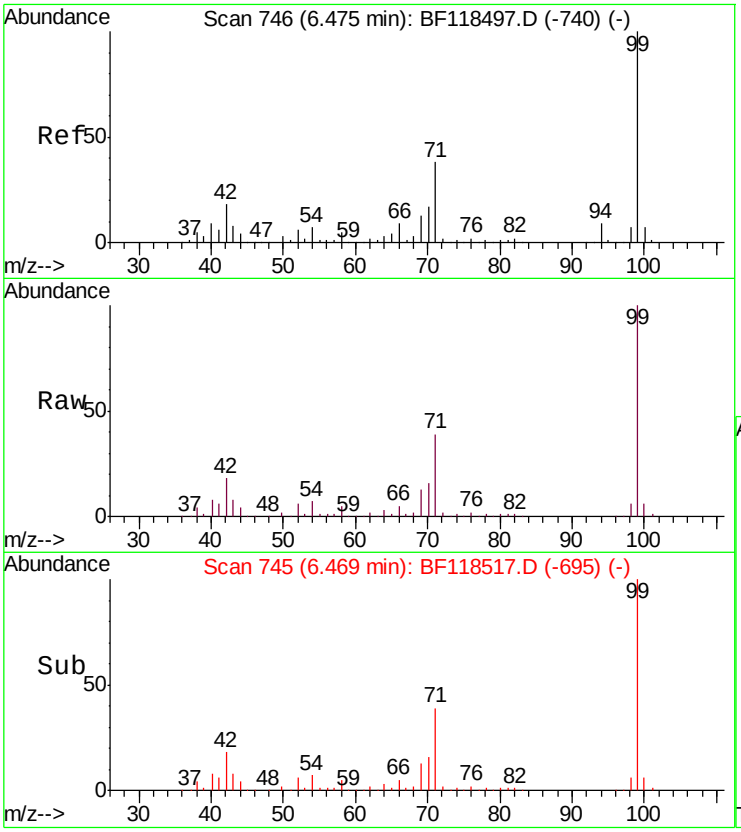


#5
2-Fluorophenol
Concen: 121.791 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Tgt Ion:112 Resp: 546083

Ion	Ratio	Lower	Upper
112	100		
64	48.9	41.1	61.7
63	28.0	24.1	36.1



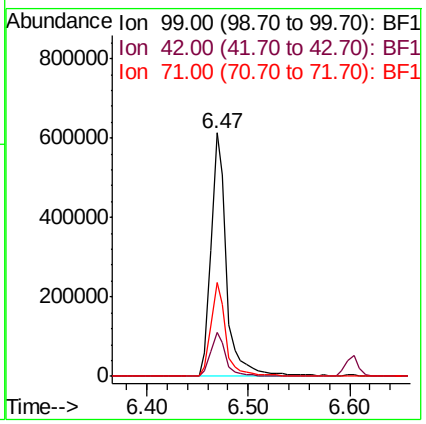


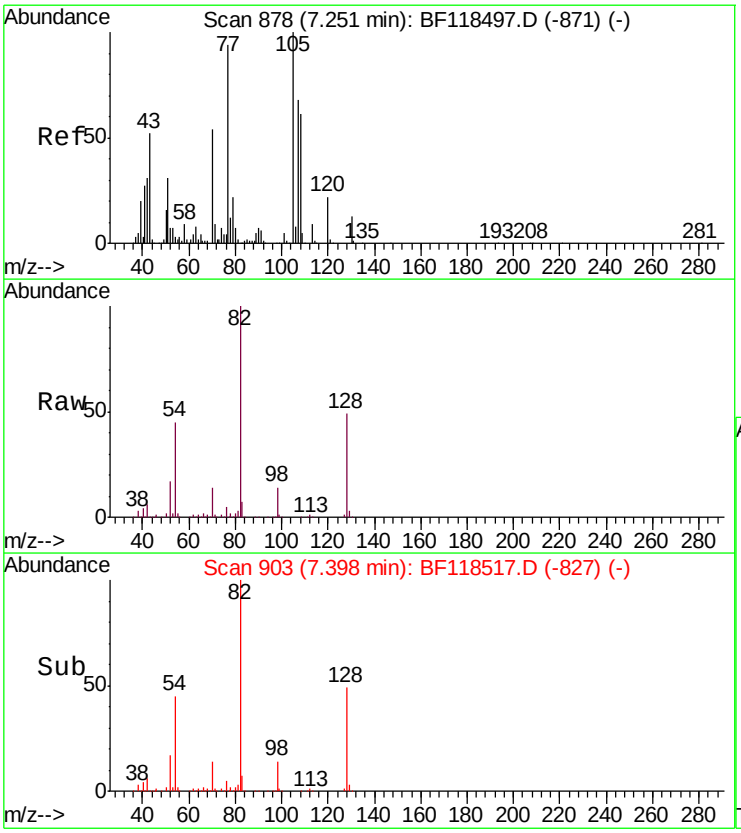
#7
Phenol-d6
Concen: 122.234 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PB126016TB

Tgt Ion: 99 Resp: 655251

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	38.7	30.6	45.8

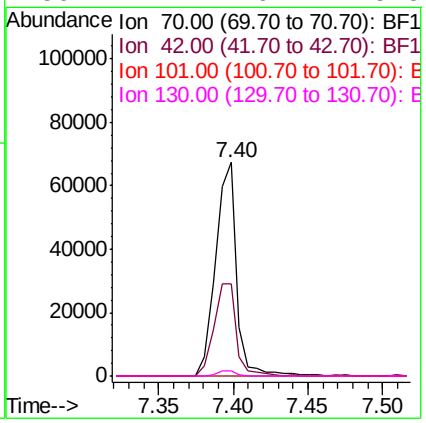


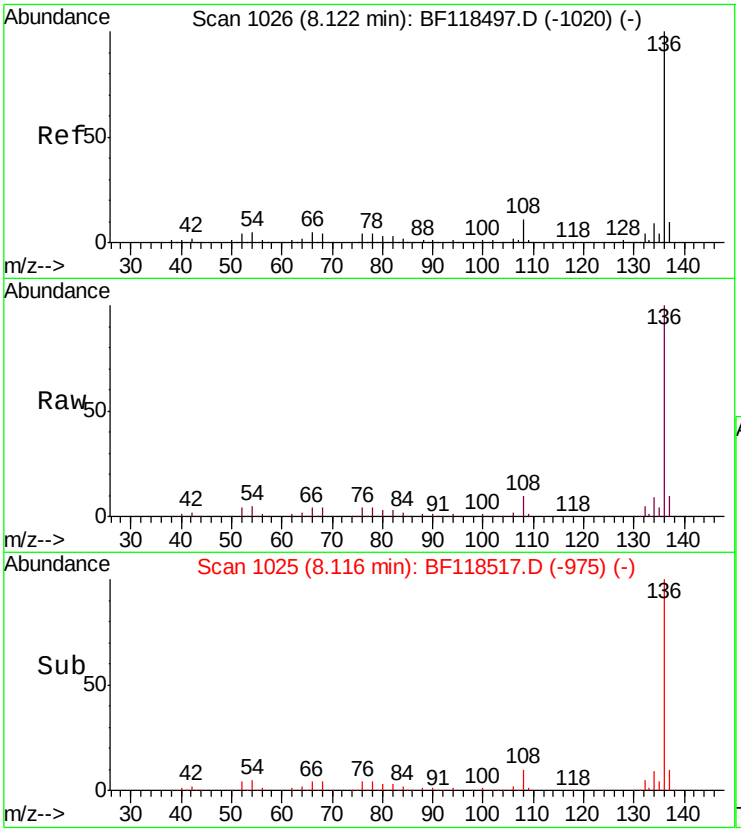


#19
n-Nitroso-di-n-propylamine
Concen: 19.311 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Tgt Ion: 70 Resp: 66674

Ion	Ratio	Lower	Upper
70	100		
42	43.4	45.6	68.4#
101	0.0	8.2	12.2#
130	2.2	19.2	28.8#



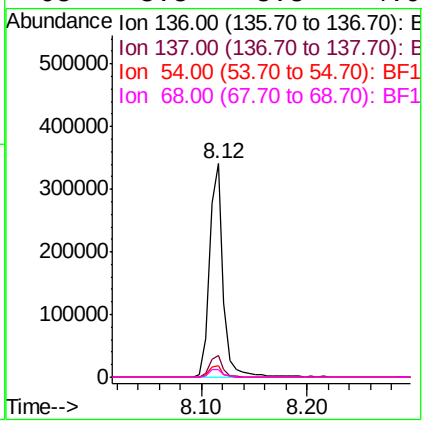


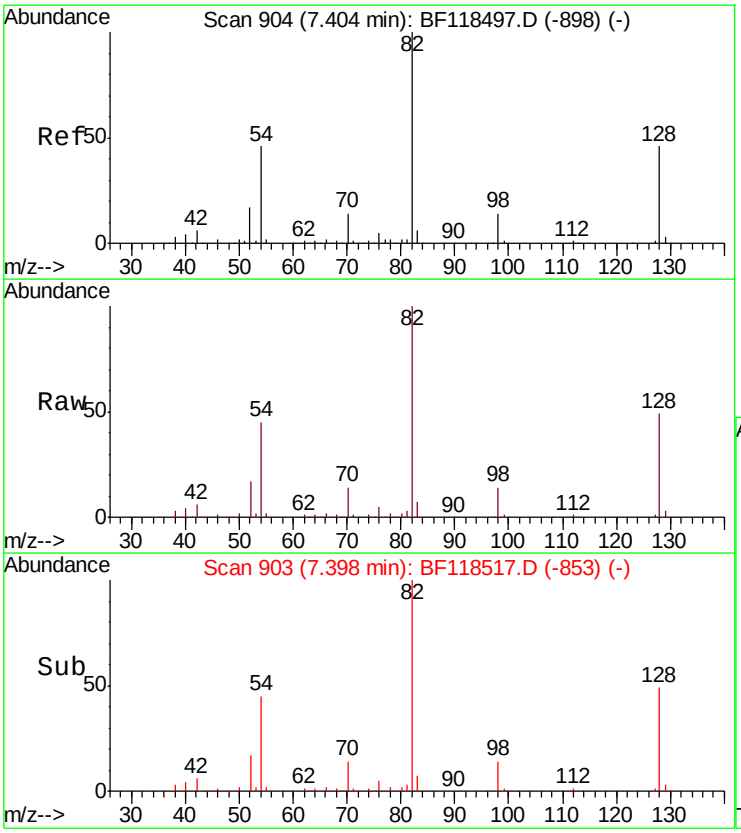
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PB126016TB

Tgt Ion:136 Resp: 310272

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.3	12.5
54	5.4	4.2	6.2
68	3.8	3.3	4.9

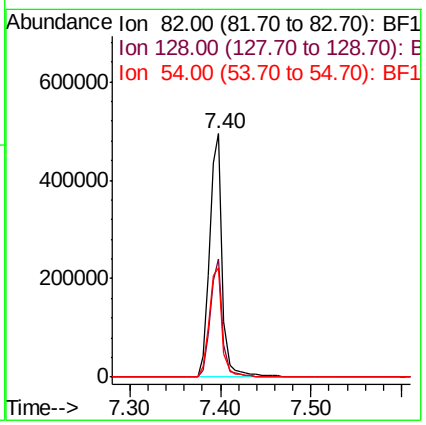


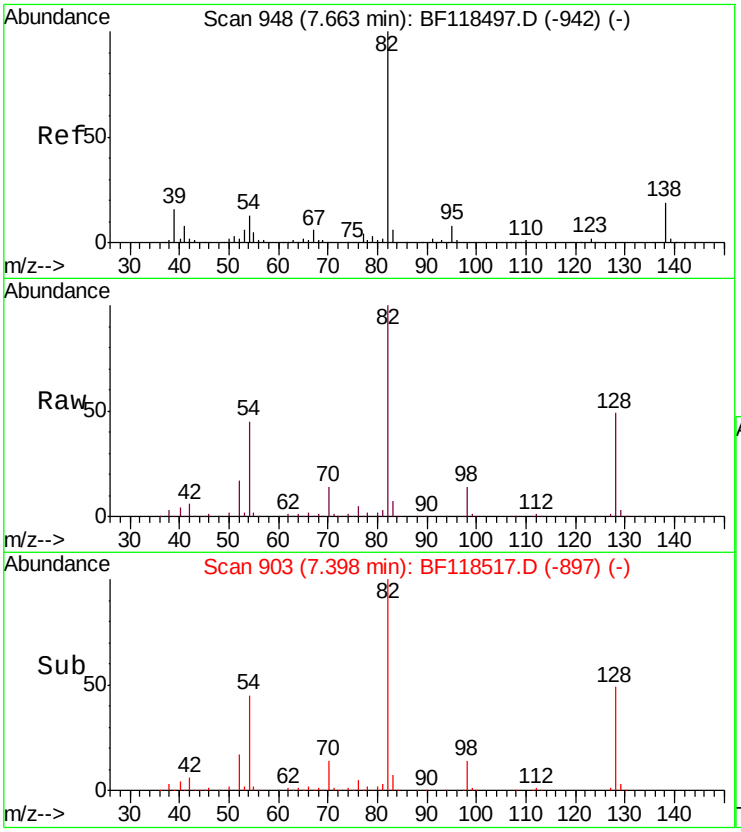


#23
Nitrobenzene-d5
Concen: 82.878 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Tgt Ion: 82 Resp: 489511

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.6	54.8
54	44.8	37.0	55.6



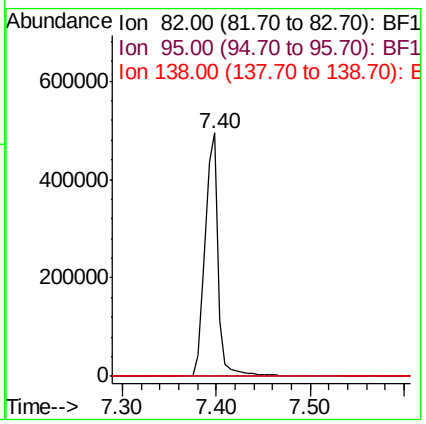


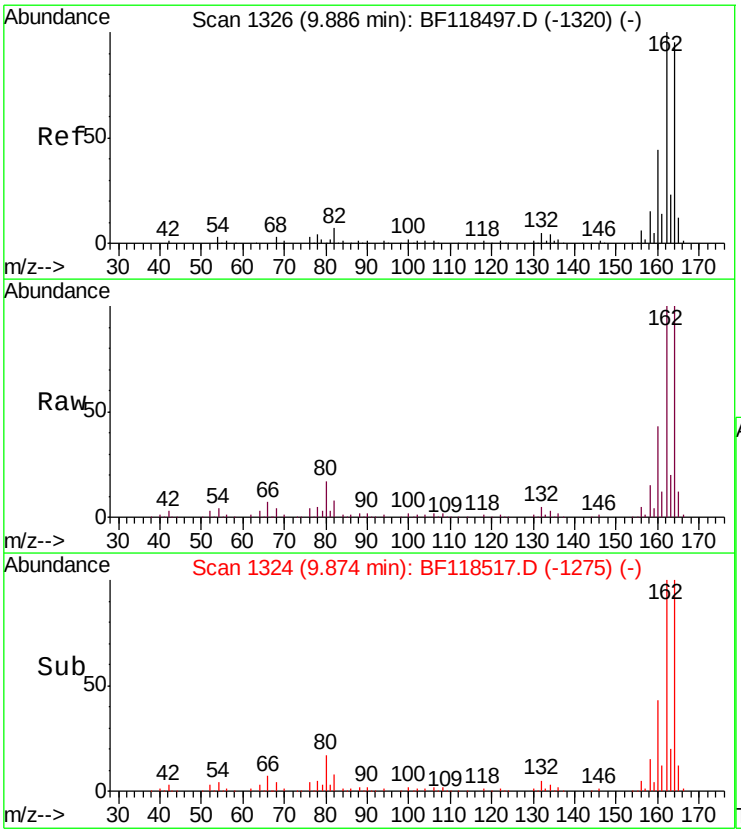
#25
Isophorone
Concen: 51.733 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.26 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PB126016TB

Tgt Ion: 82 Resp: 489507

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	15.4	23.2#

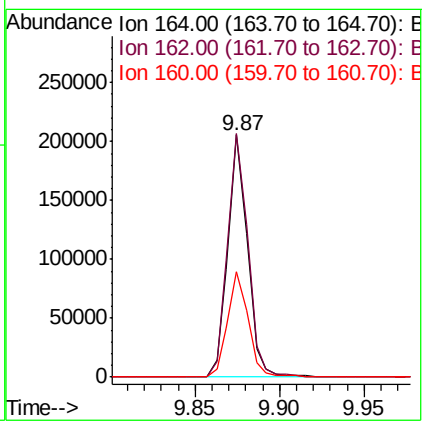


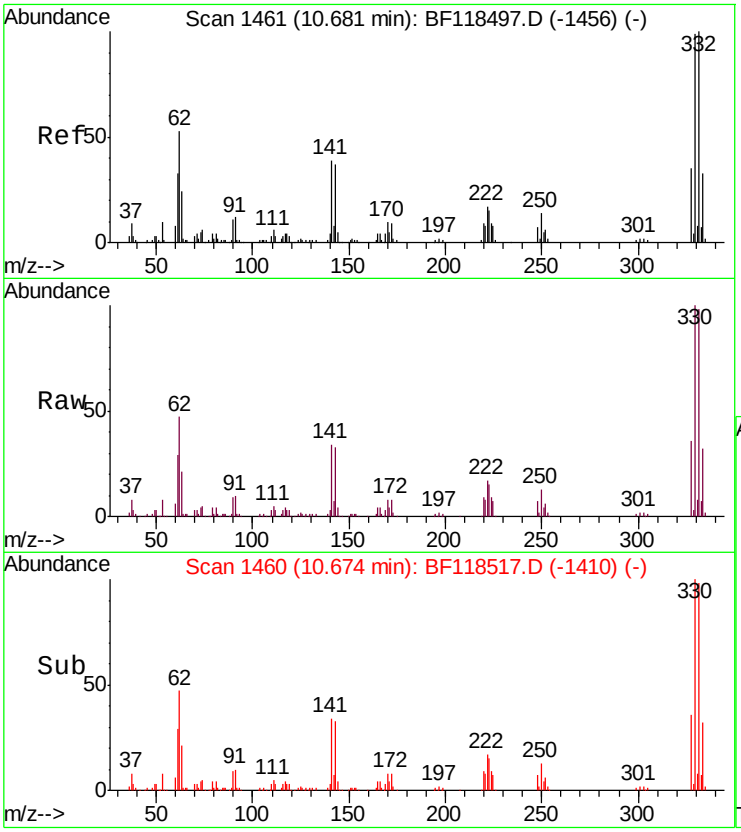


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Tgt Ion:164 Resp: 167560

Ion	Ratio	Lower	Upper
164	100		
162	100.5	84.2	126.4
160	43.6	36.8	55.2



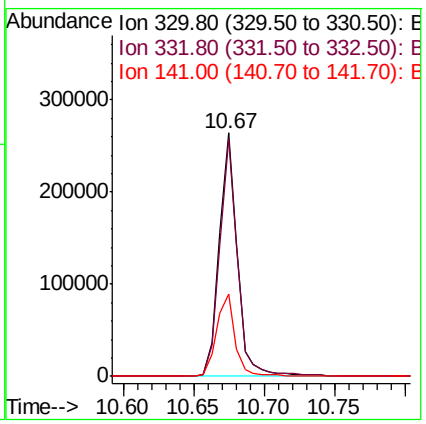


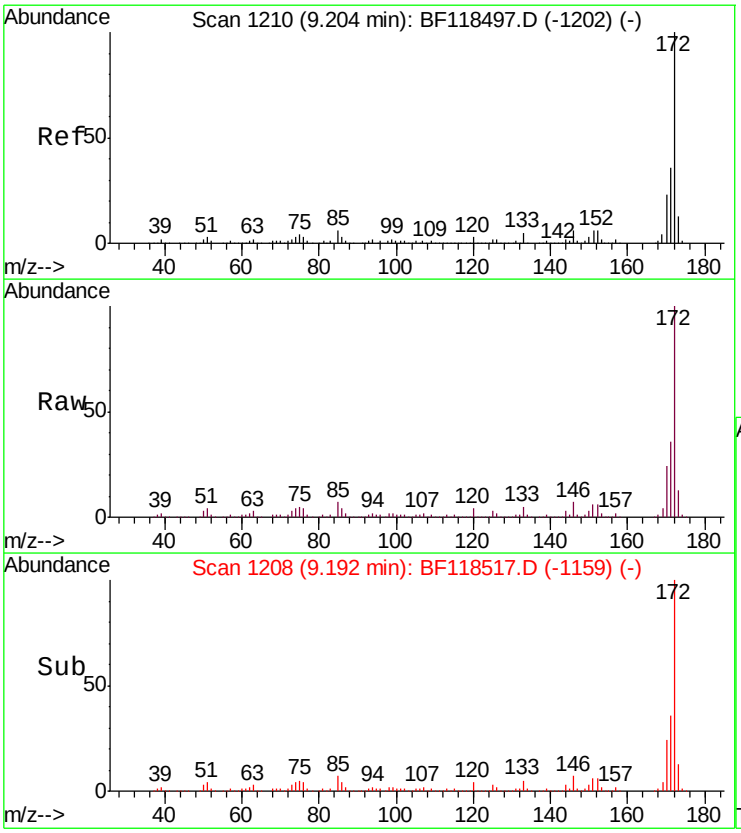
#42
2,4,6-Tribromophenol
Concen: 119.859 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PB126016TB

Tgt Ion:330 Resp: 236983

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.9	116.9
141	34.8	28.6	43.0

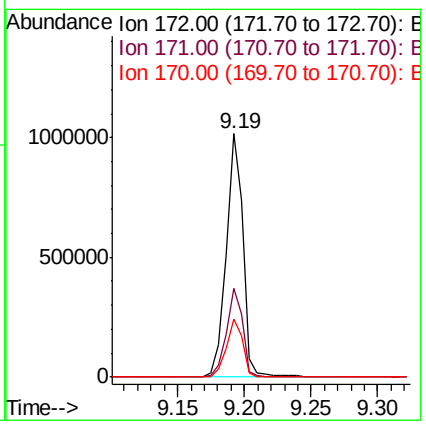


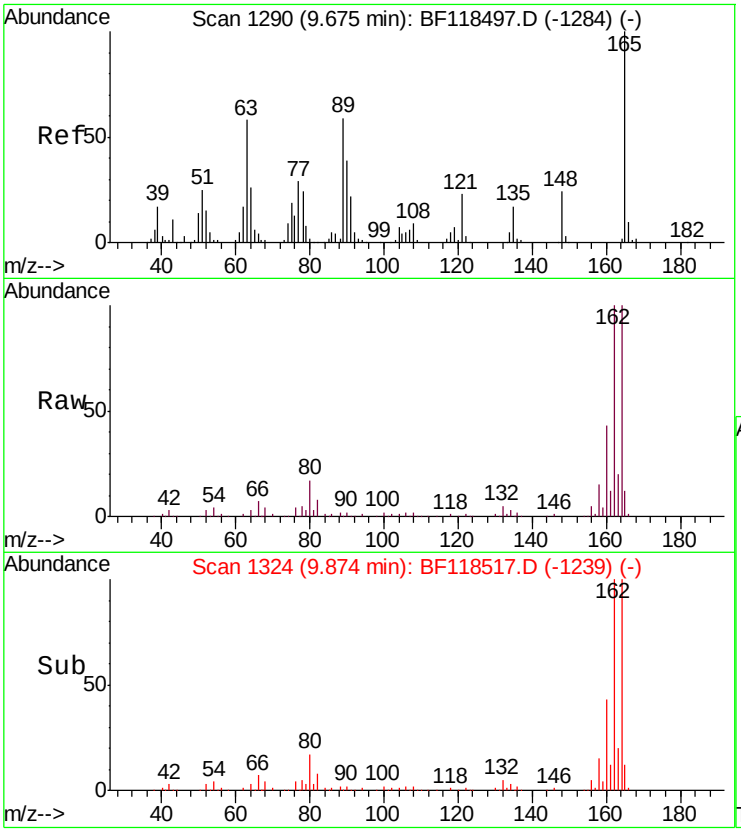


#45
2-Fluorobiphenyl
Concen: 77.172 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Tgt Ion:172 Resp: 901615

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.6	18.6	27.8



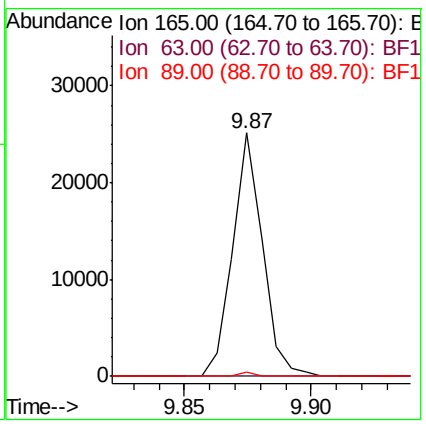


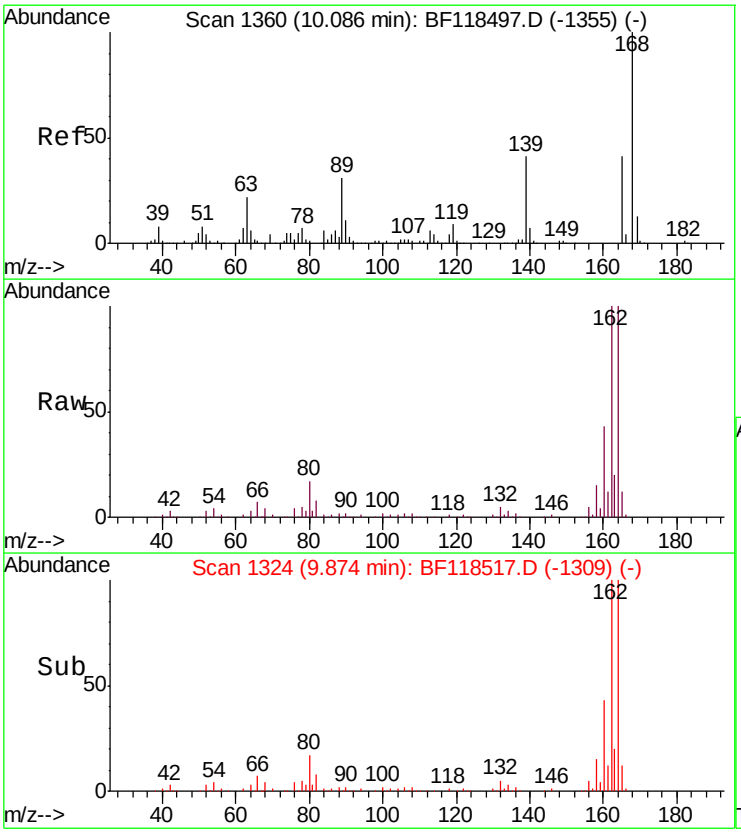
#51
2,6-Dinitrotoluene
Concen: 7.440 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.20 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PB126016TB

Tgt Ion:165 Resp: 20606

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	70.0#
89	1.5	47.5	71.3#

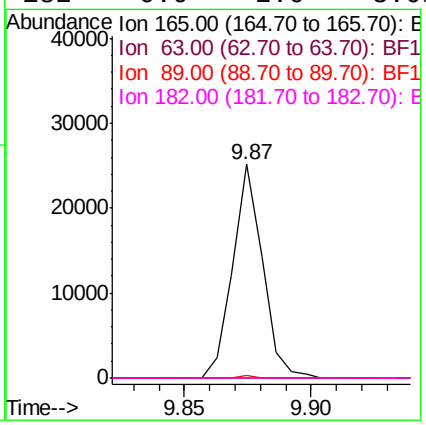


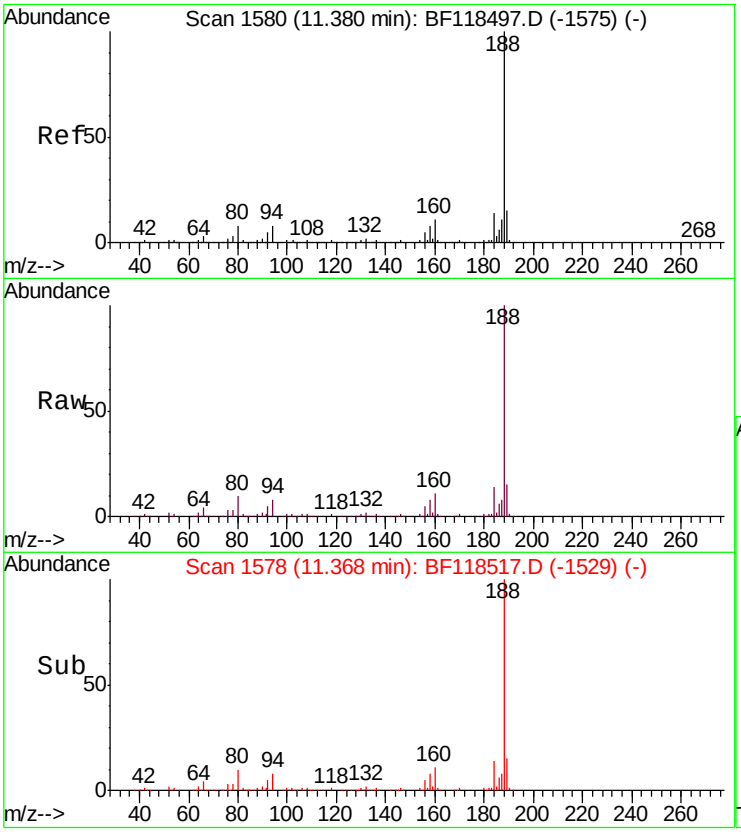


#57
2,4-Dinitrotoluene
Concen: 5.557 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Tgt Ion:165 Resp: 20606

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	1.5	60.4	90.6#
182	0.0	2.0	3.0#



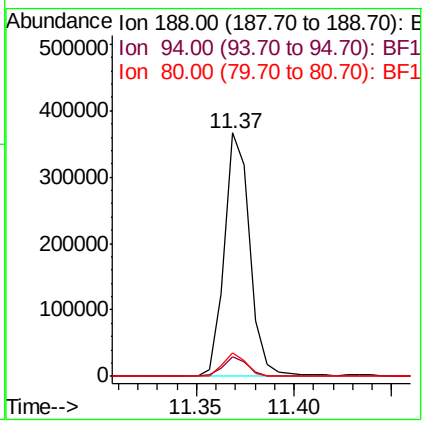


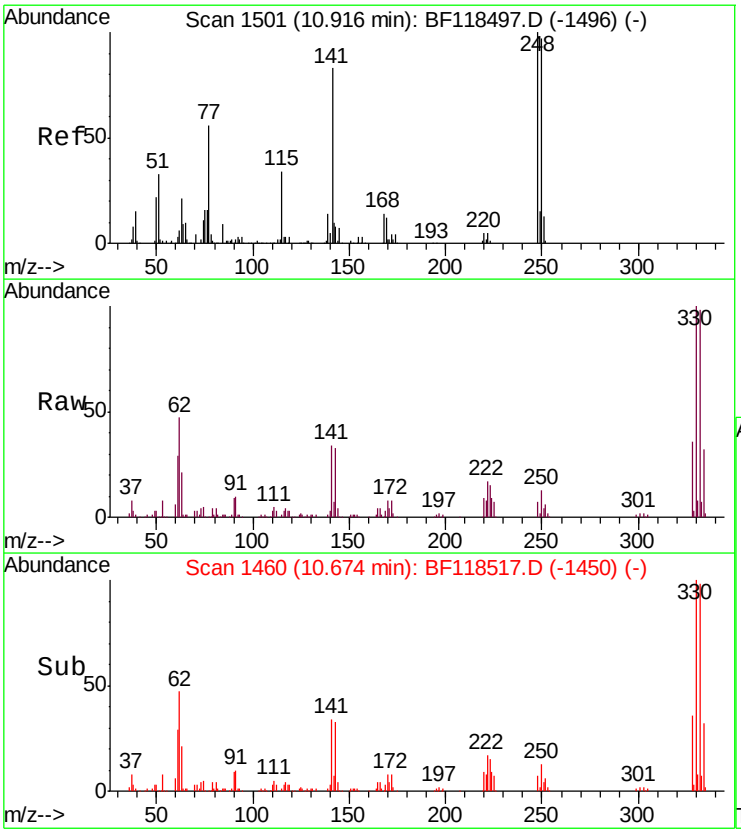
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PB126016TB

Tgt Ion:188 Resp: 331330

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	9.7	6.6	10.0

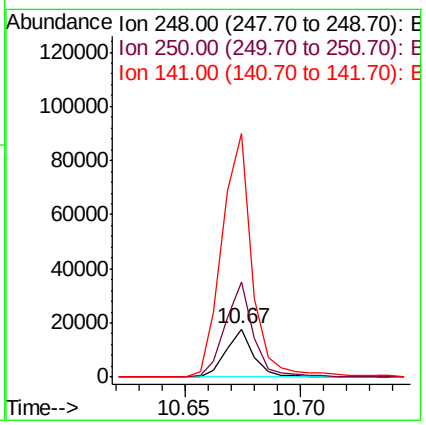


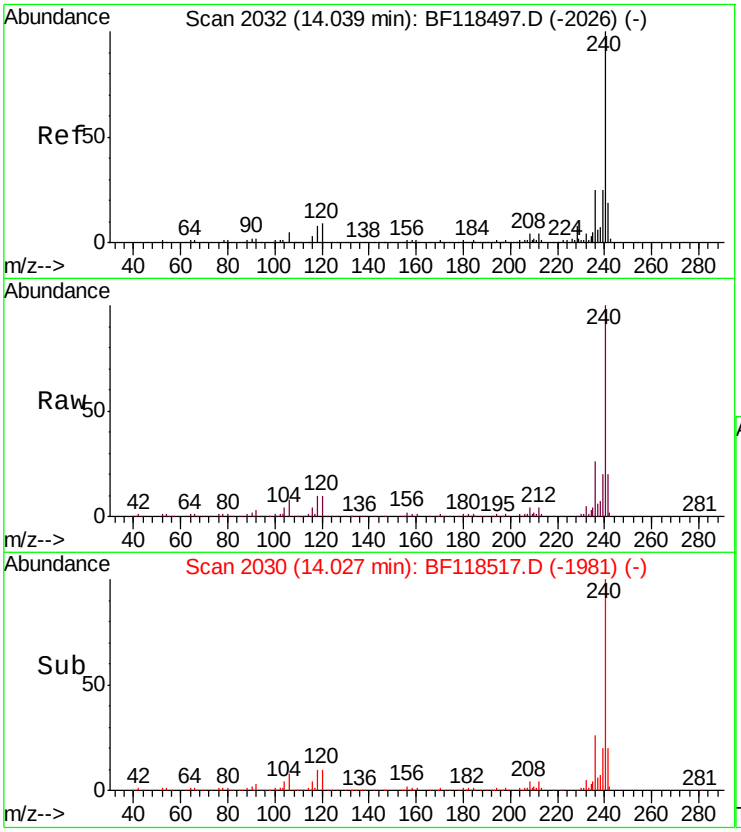


#67
4-Bromophenyl-phenylether
Concen: 3.788 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Tgt Ion:248 Resp: 14701

Ion	Ratio	Lower	Upper
248	100		
250	197.0	77.4	116.0#
141	504.6	66.2	99.4#



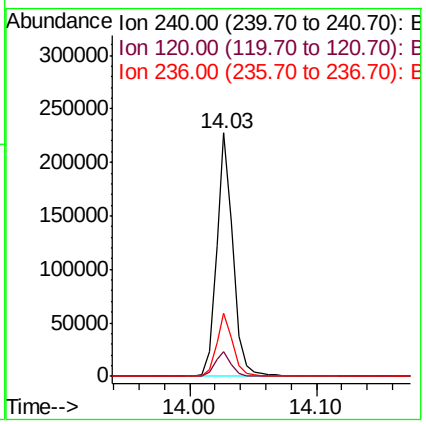


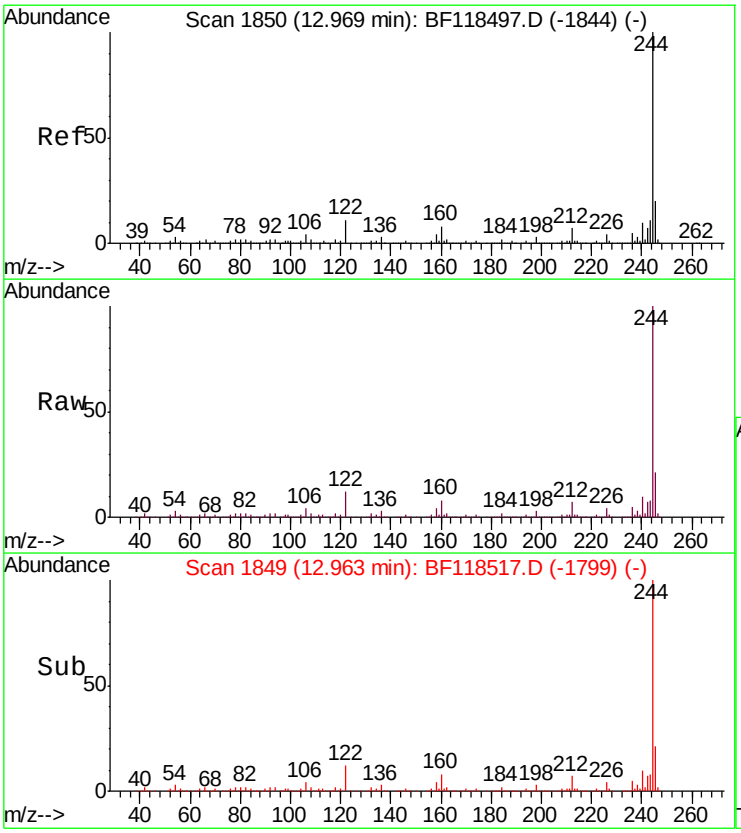
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PB126016TB

Tgt Ion:240 Resp: 204926

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.0	10.6
236	25.8	20.1	30.1

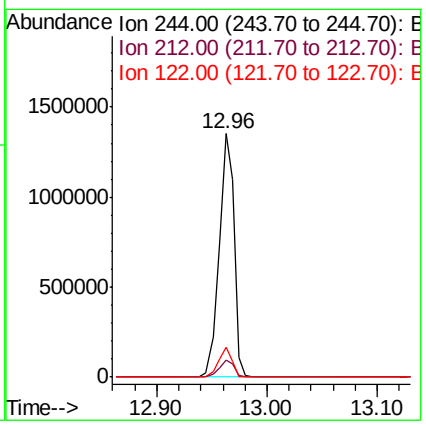


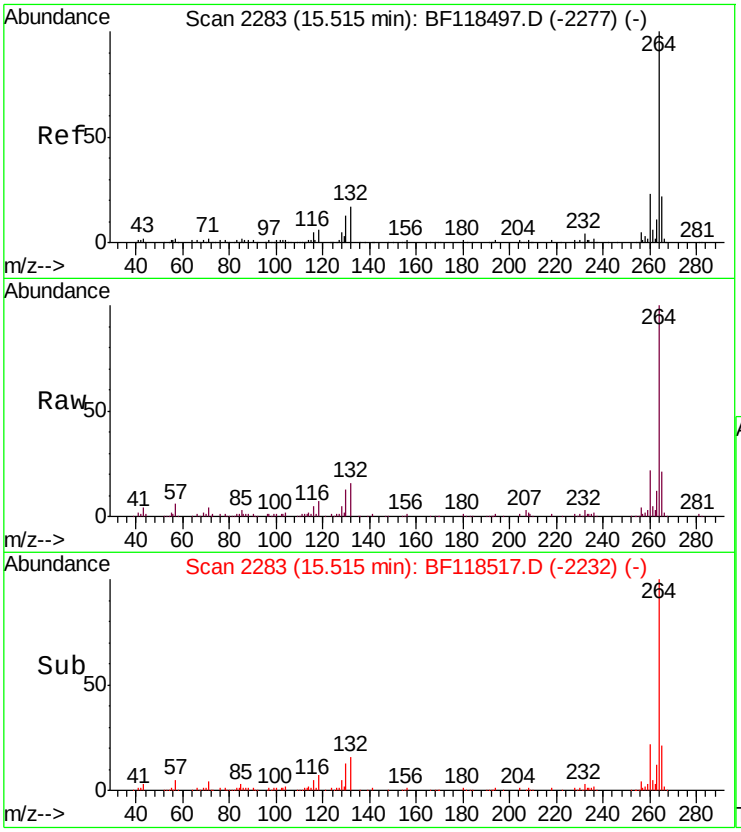


#79
Terphenyl-d14
Concen: 97.999 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Tgt Ion:244 Resp: 1267287

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.1	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PB126016TB

Tgt Ion:264 Resp: 193233

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.8	28.2
265	20.7	17.5	26.3