Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118533.D
Acq On : 13 Jan 2020 16:23
Operator : JU
Sample : L1068-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 14 10:26:19 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	6.82	152	60911	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	281389	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	148035	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	319940	20.00	ng	-0.03
76) Chrysene-d12	14.00	240	213550	20.00	ng	-0.04
87) Perylene-d12	15.48	264	253459	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	276657	74.98	ng	-0.01
7) Phenol-d6	6.45	99	325829	73.86	ng	-0.02
23) Nitrobenzene-d5	7.38	82	218828	40.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	141202	80.84	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	450461	43.64	ng	-0.03
79) Terphenyl-d14	12.94	244	639054	47.42	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	29930	10.534	ng	# 79
25) Isophorone	7.38	82	218826	25.500	ng	# 63
32) Benzoic acid	7.90	122	111	6.521	ng	# 59
50) Dimethylphthalate	9.57	163	29210	2.571	ng	99
51) 2,6-Dinitrotoluene	9.86	165	19127	7.817	ng	# 24
57) 2,4-Dinitrotoluene	9.86	165	19127	5.838	ng	# 21
67) 4-Bromophenyl-phenylether	10.65	248	8358	2.230	ng	# 1
77) Benzidine	12.94	184	9063	Below Cal		# 95

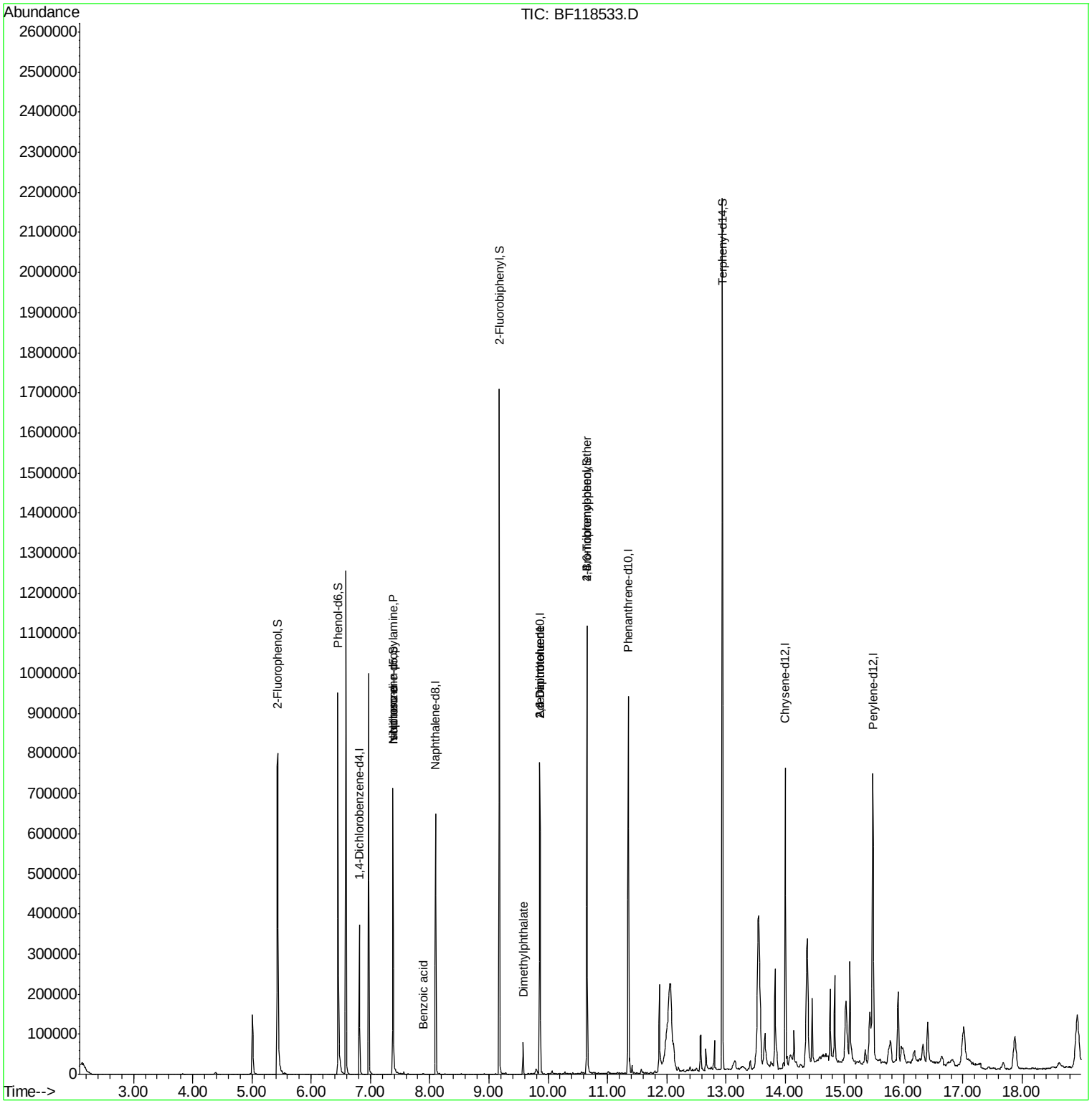
(#) = qualifier out of range (m) = manual integration (+) = signals summed

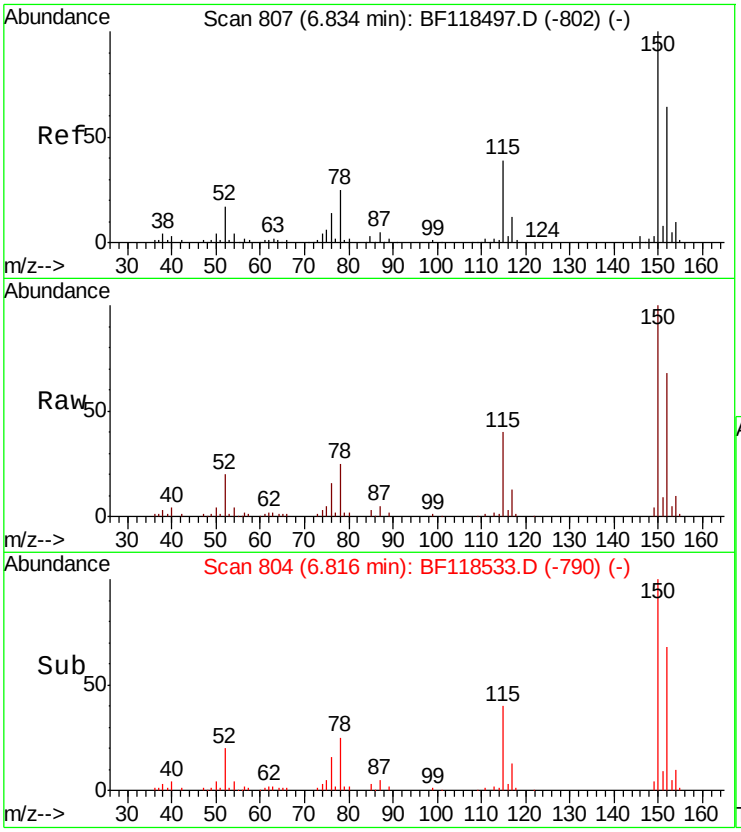
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118533.D
Acq On : 13 Jan 2020 16:23
Operator : JU
Sample : L1068-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 14 10:26:19 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



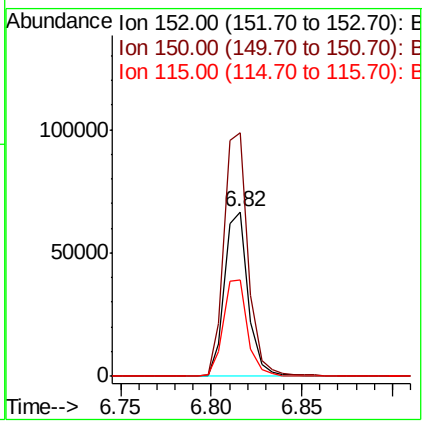


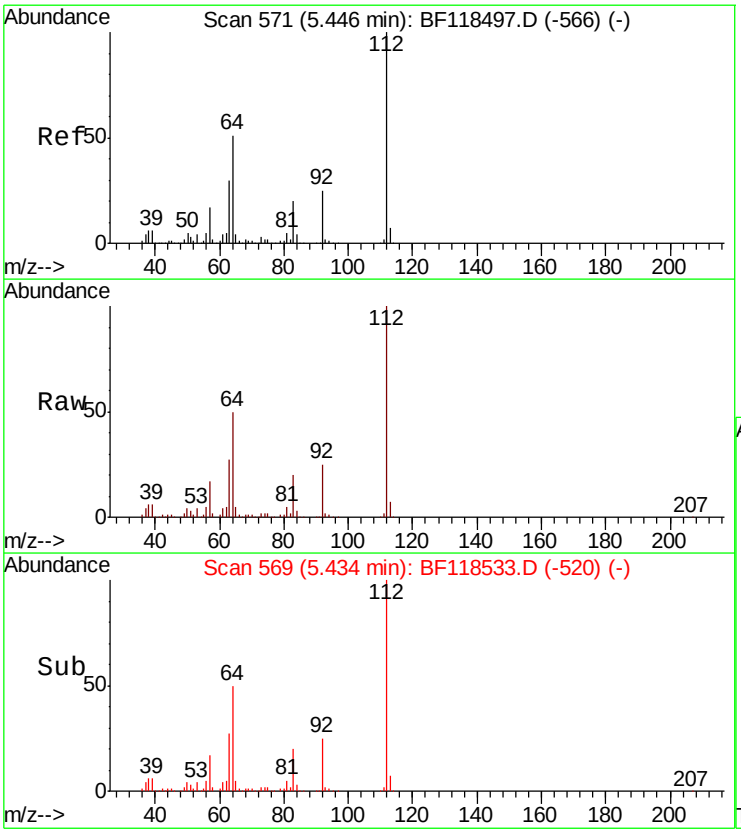
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60911

Ion	Ratio	Lower	Upper
152	100		
150	147.9	124.7	187.1
115	58.9	49.0	73.6

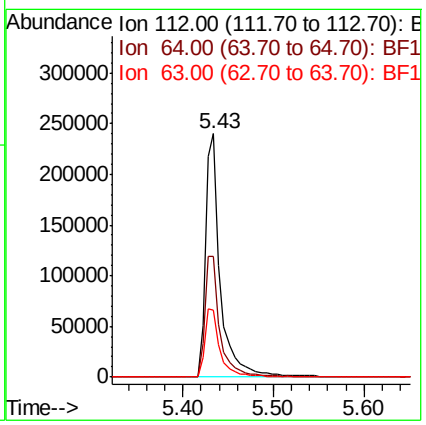


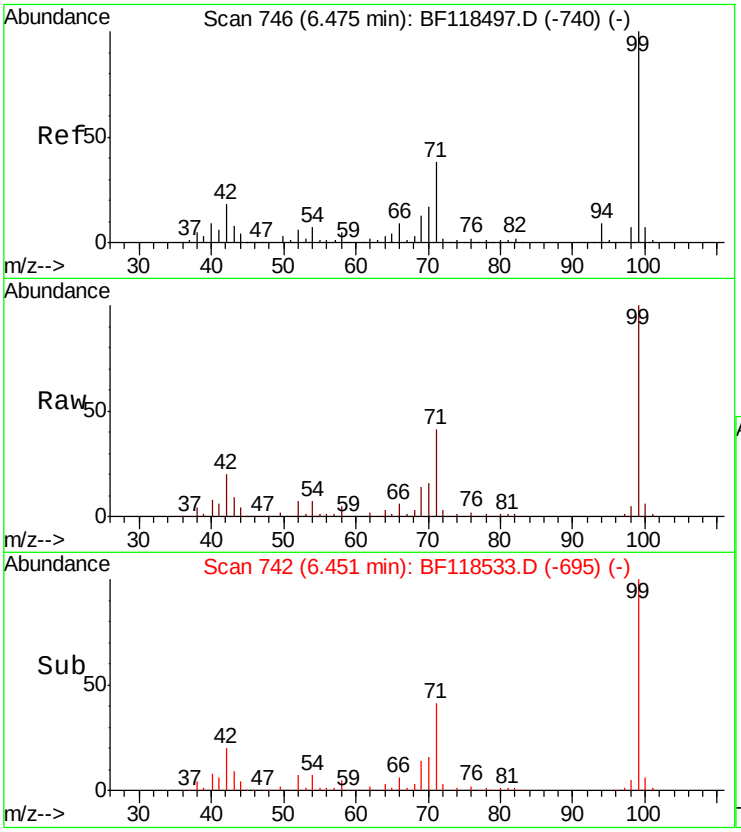


#5
2-Fluorophenol
Concen: 74.977 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Tgt Ion:112 Resp: 276657

Ion	Ratio	Lower	Upper
112	100		
64	49.6	41.1	61.7
63	27.4	24.1	36.1



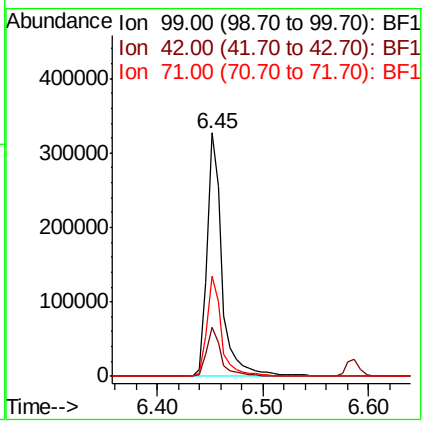


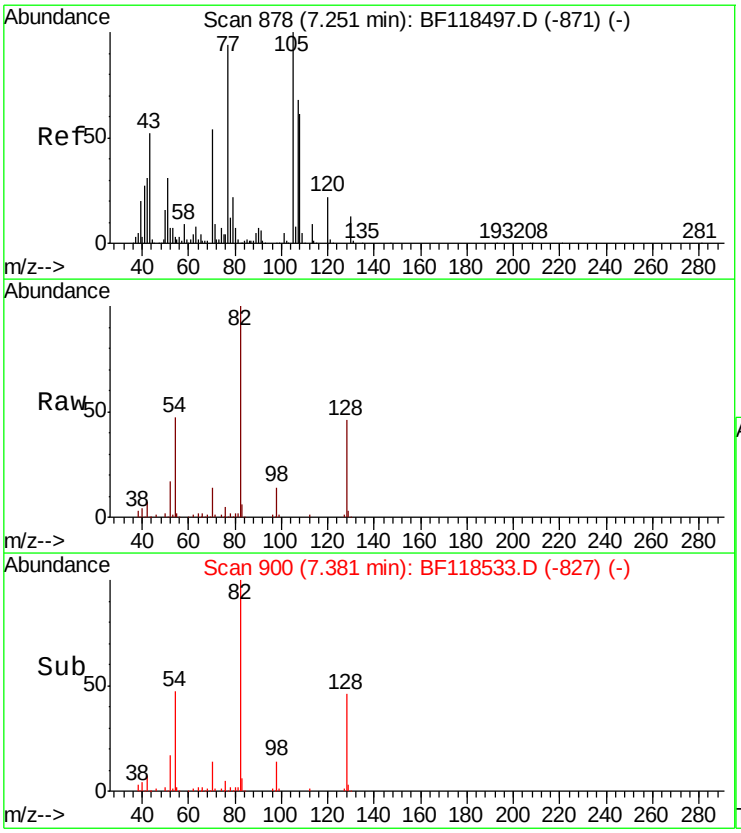
#7
Phenol-d6
Concen: 73.859 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 325829

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	41.3	30.6	45.8

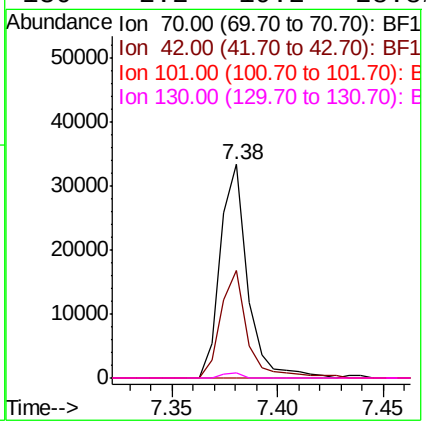


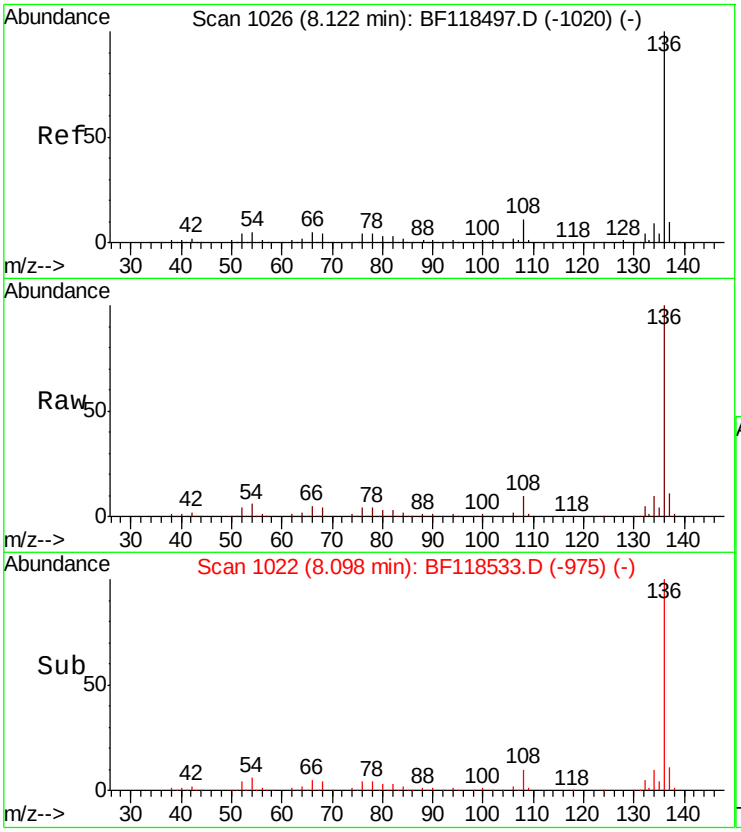


#19
n-Nitroso-di-n-propylamine
Concen: 10.534 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.13 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Tgt Ion: 70 Resp: 29930

Ion	Ratio	Lower	Upper
70	100		
42	50.2	45.6	68.4
101	0.0	8.2	12.2#
130	2.2	19.2	28.8#



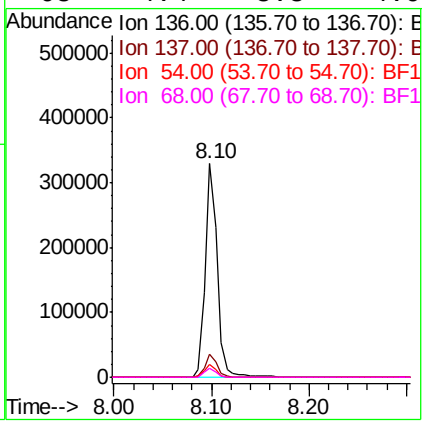


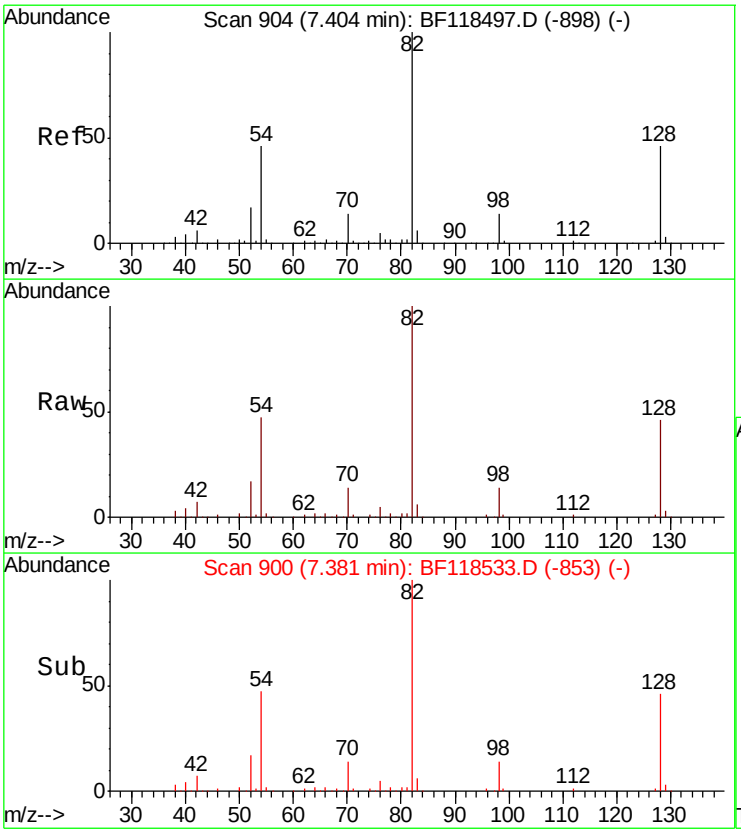
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 281389

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	5.8	4.2	6.2
68	4.4	3.3	4.9

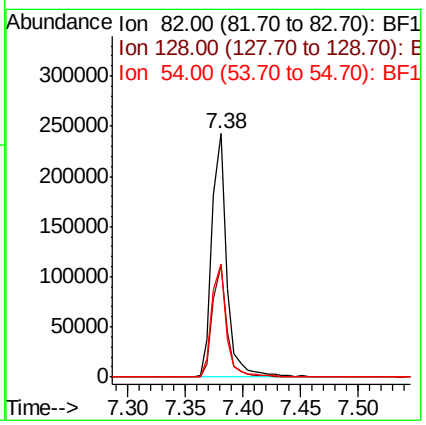


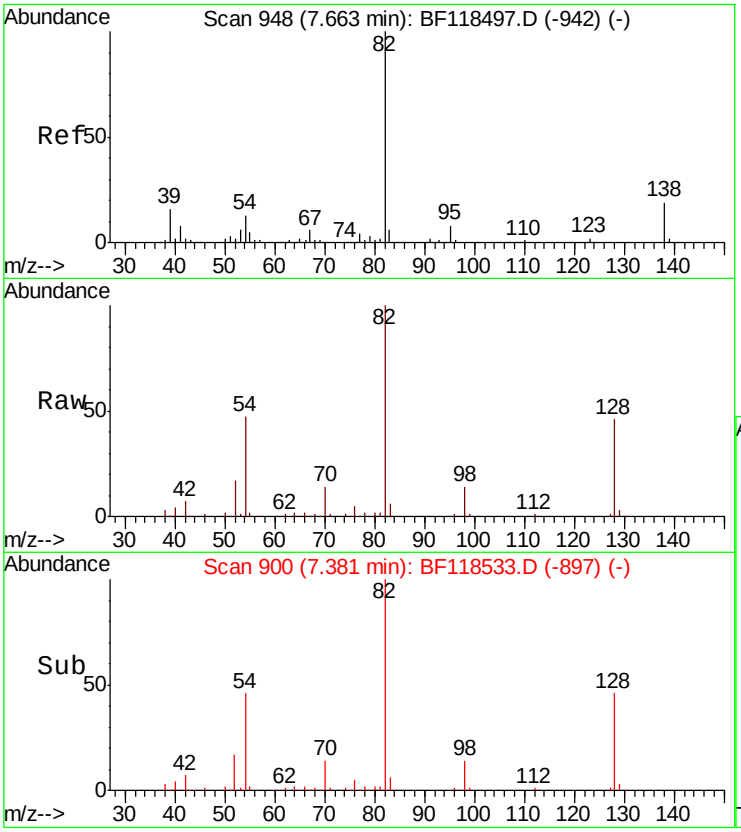


#23
Nitrobenzene-d5
Concen: 40.852 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Tgt Ion: 82 Resp: 218828

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.6	54.8
54	46.5	37.0	55.6



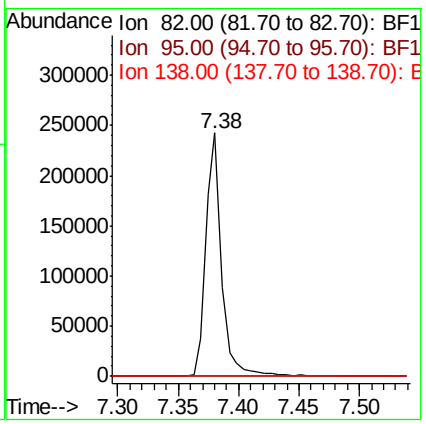


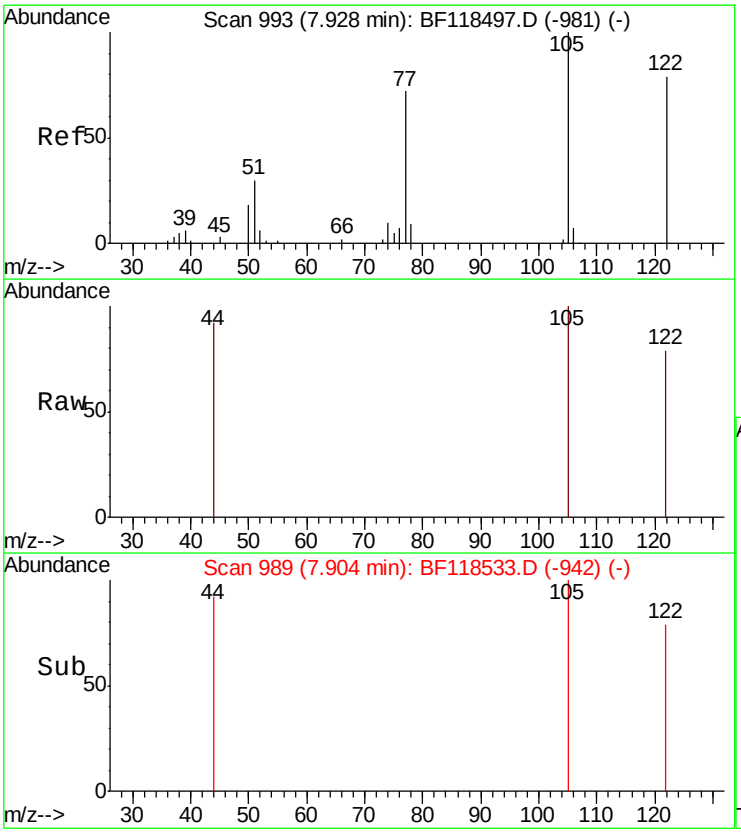
#25
Isophorone
Concen: 25.500 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.28 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 218826

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

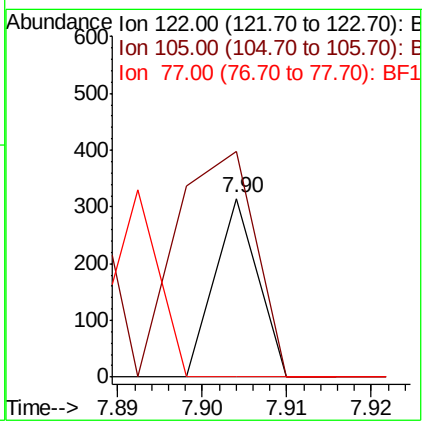


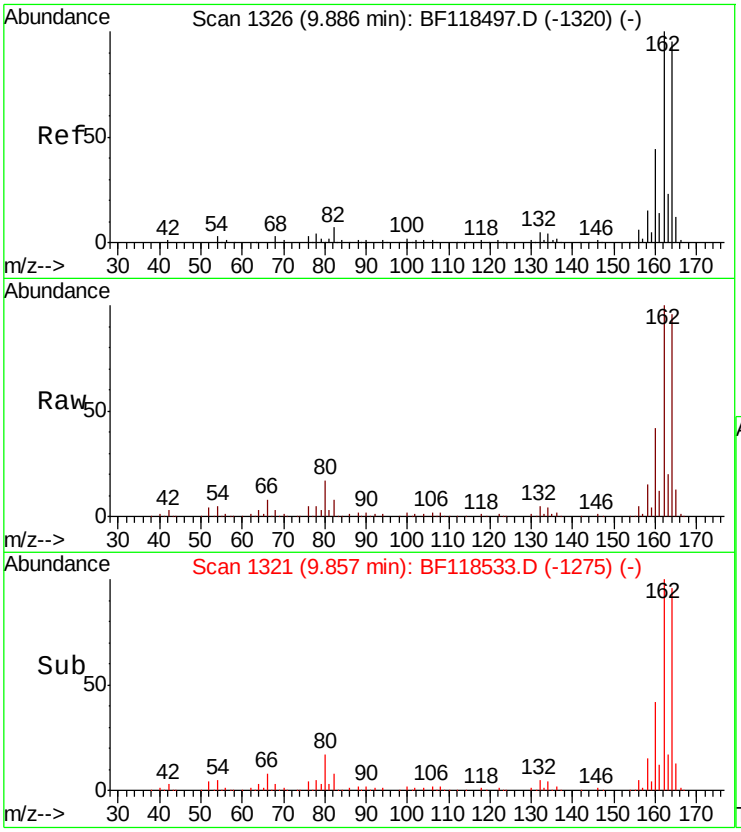


#32
Benzoic acid
Concen: 6.521 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Tgt Ion:122 Resp: 111

Ion	Ratio	Lower	Upper
122	100		
105	126.7	105.7	145.7
77	0.0	71.0	111.0#



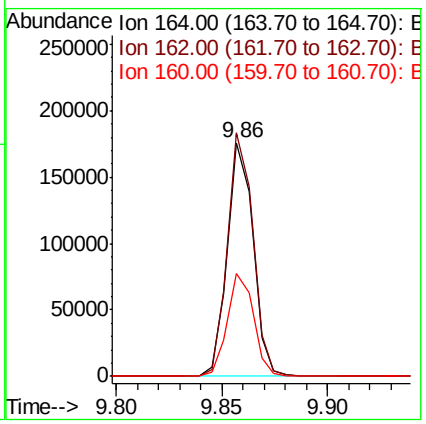


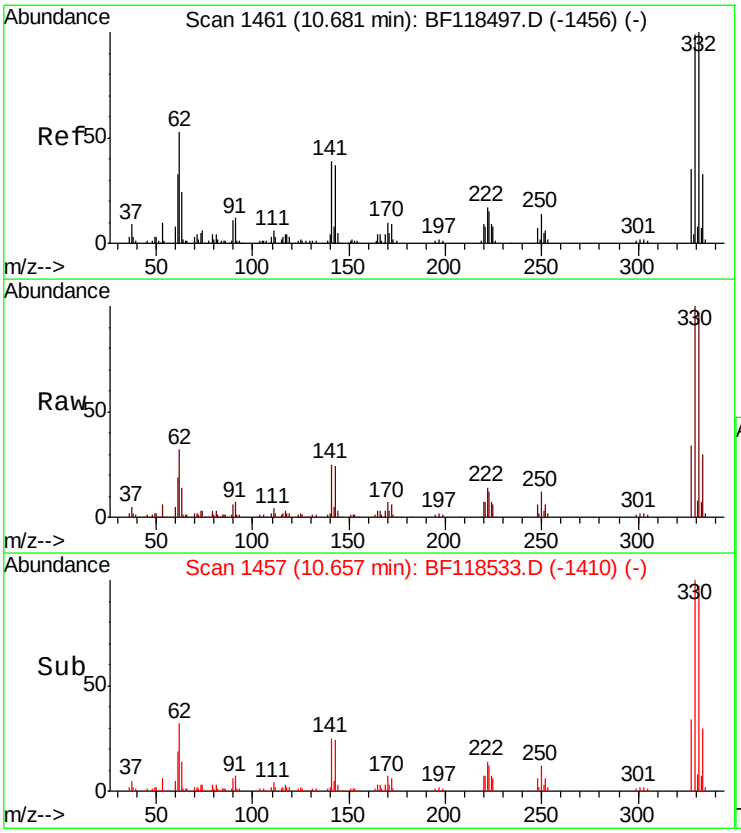
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 148035

Ion	Ratio	Lower	Upper
164	100		
162	104.2	84.2	126.4
160	44.2	36.8	55.2

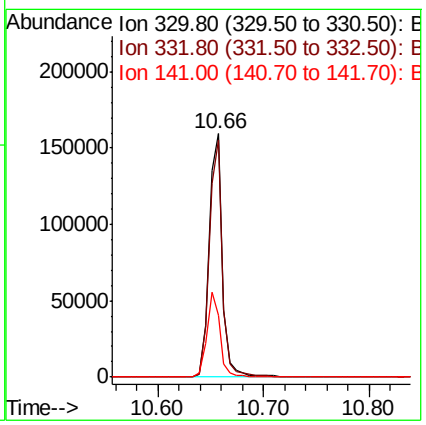


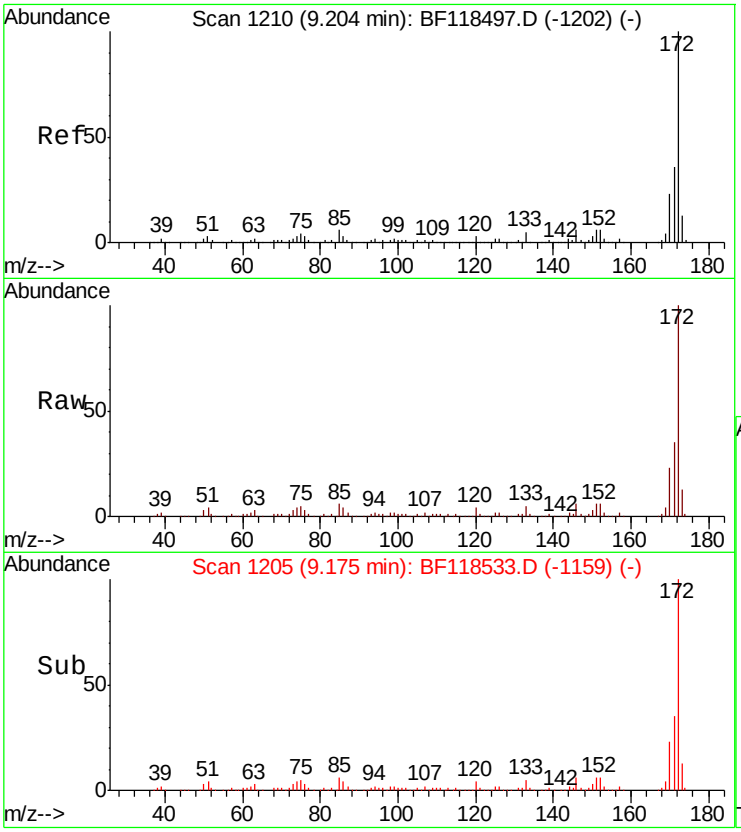


#42
2,4,6-Tribromophenol
Concen: 80.835 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Tgt Ion:330 Resp: 141202

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.9	116.9
141	33.7	28.6	43.0



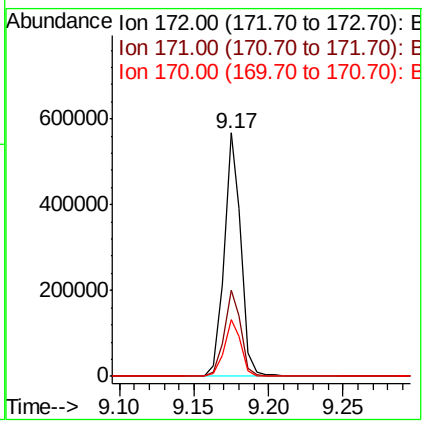


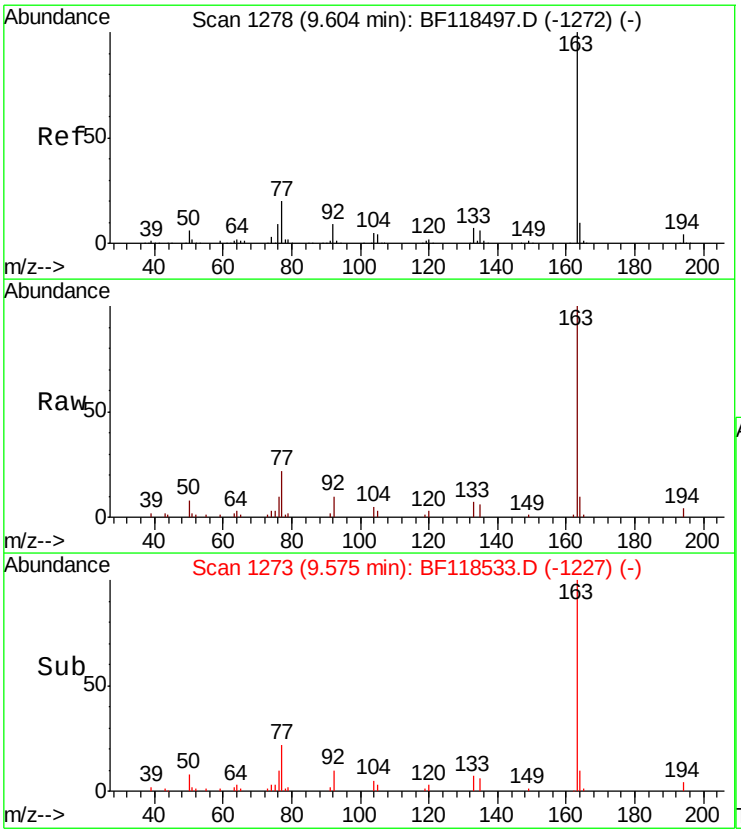
#45
2-Fluorobiphenyl
Concen: 43.642 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 450461

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.3	18.6	27.8

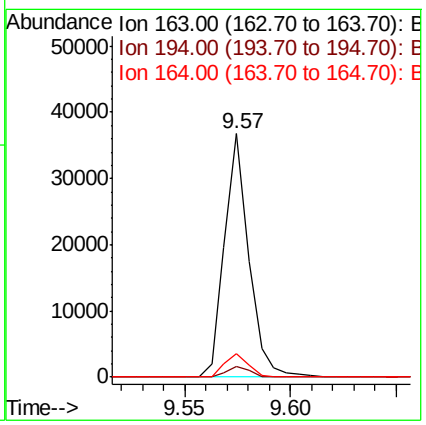


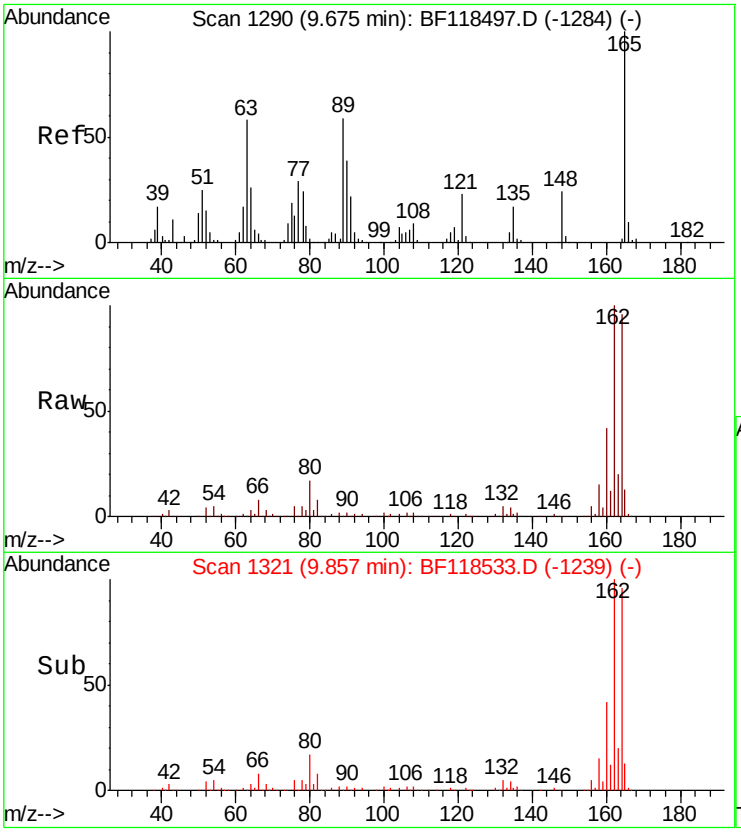


#50
Dimethylphthalate
Concen: 2.571 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Tgt Ion:163 Resp: 29210

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.7	8.1	12.1



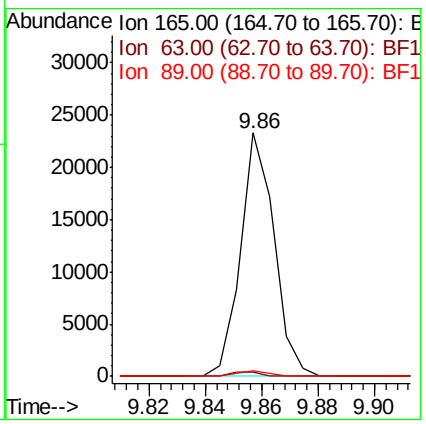


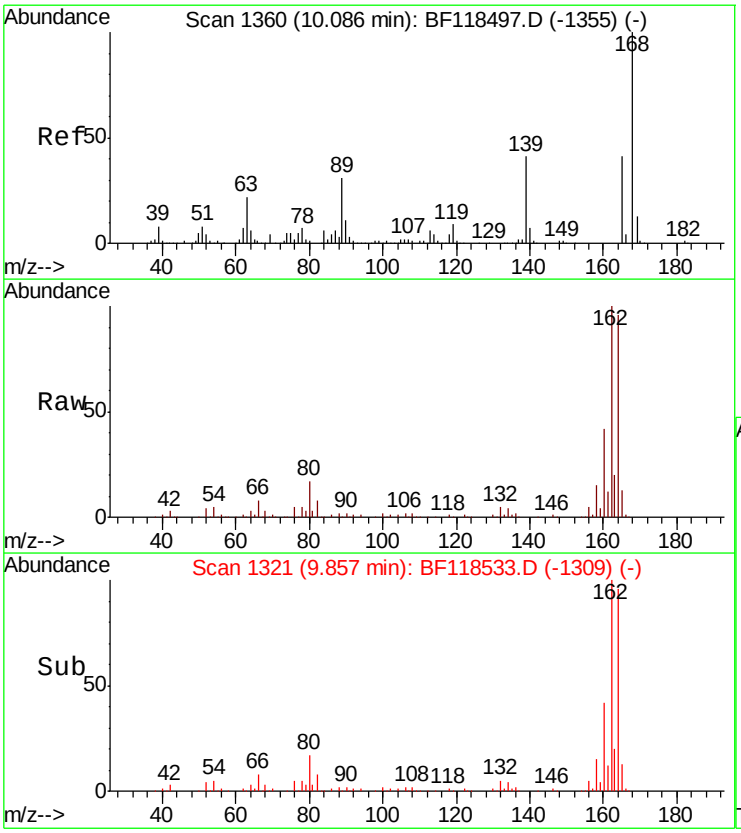
#51
2,6-Dinitrotoluene
Concen: 7.817 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.18 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19127

Ion	Ratio	Lower	Upper
165	100		
63	1.6	46.6	70.0#
89	2.3	47.5	71.3#

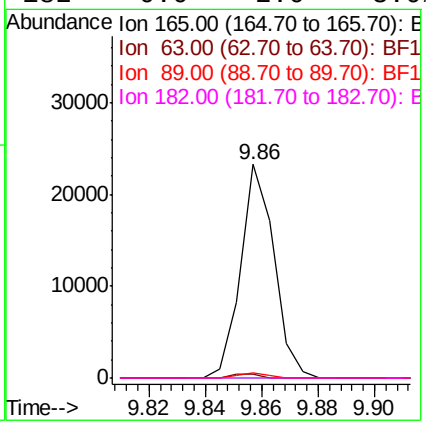


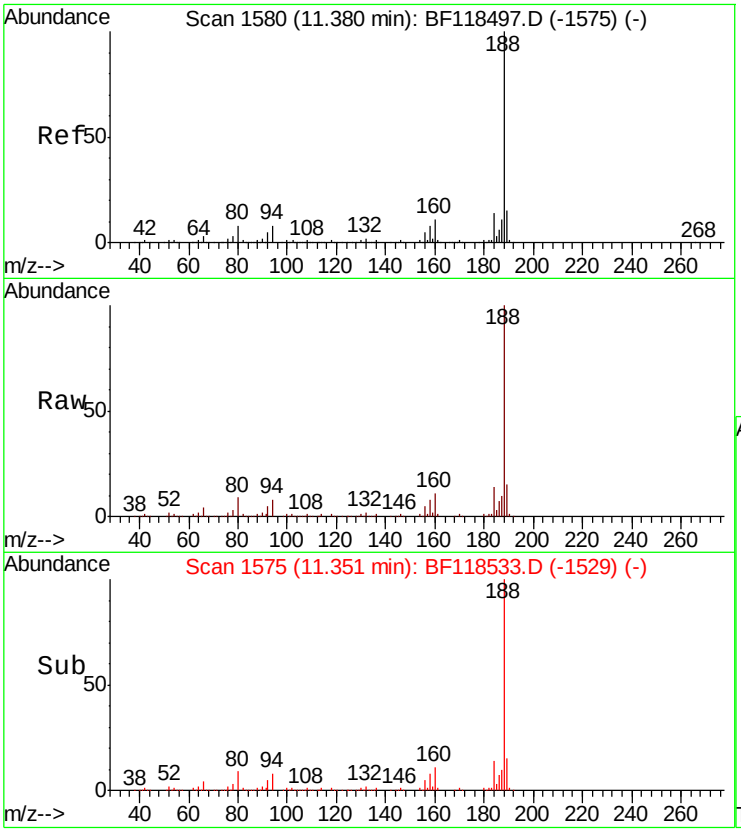


#57
2,4-Dinitrotoluene
Concen: 5.838 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.23 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Tgt Ion:165 Resp: 19127

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.1	66.1#
89	2.3	60.4	90.6#
182	0.0	2.0	3.0#



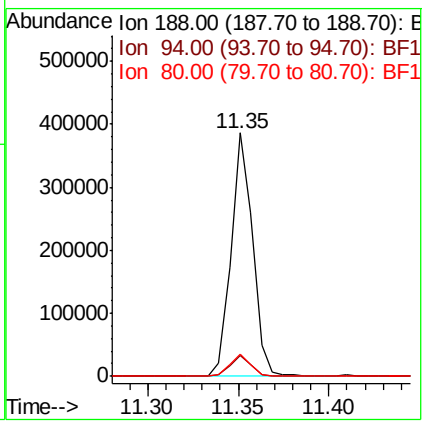


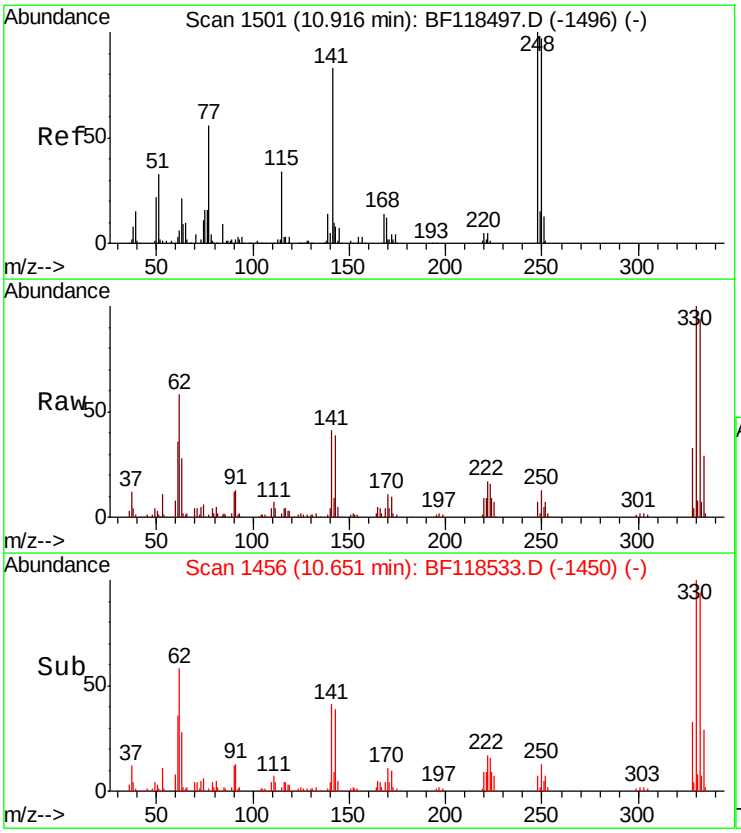
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.03 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 319940

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.2	9.4
80	9.1	6.6	10.0

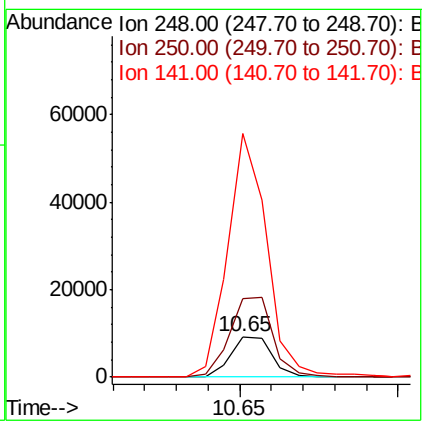


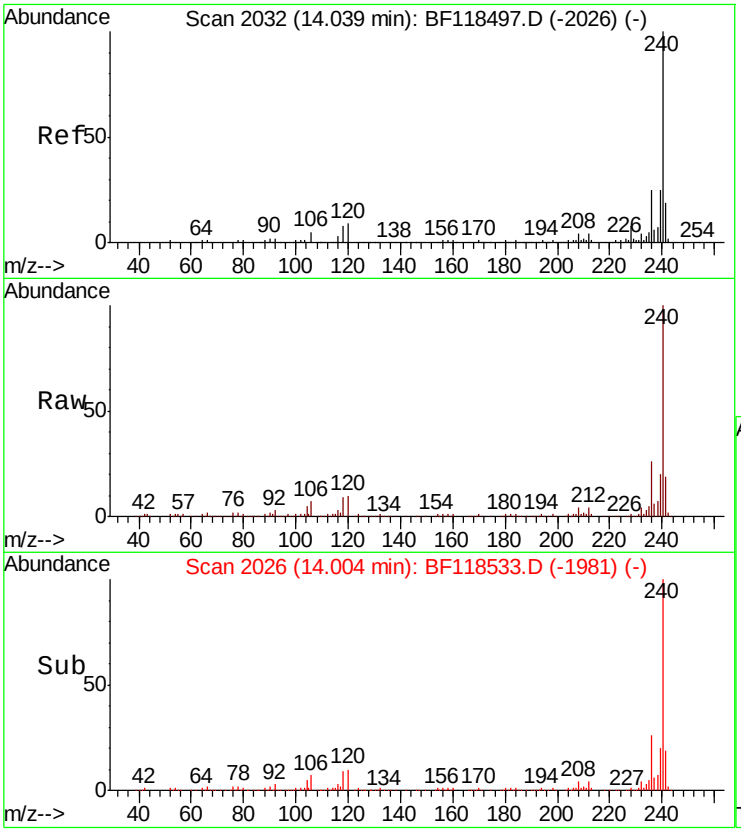


#67
4-Bromophenyl-phenylether
Concen: 2.230 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.26 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Tgt Ion:248 Resp: 8358

Ion	Ratio	Lower	Upper
248	100		
250	194.3	77.4	116.0#
141	604.1	66.2	99.4#



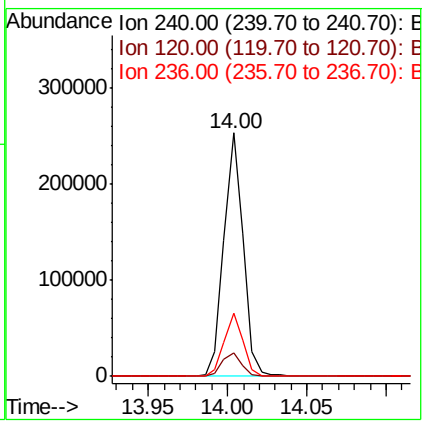


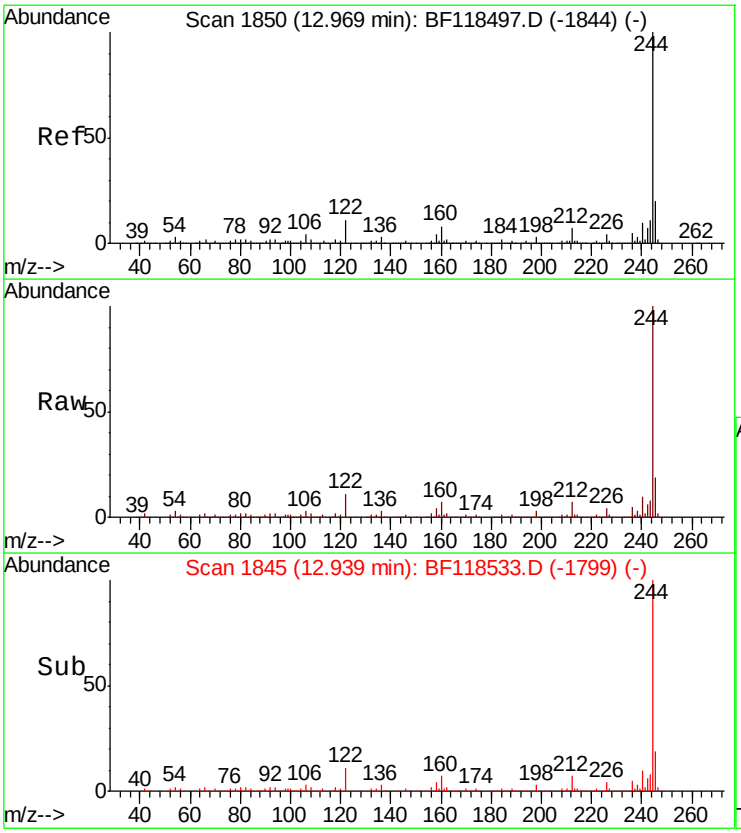
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 213550

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.0	10.6
236	25.7	20.1	30.1

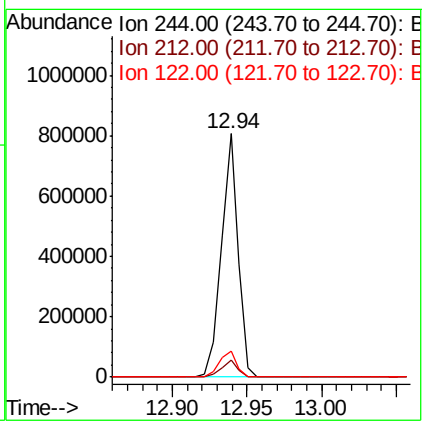


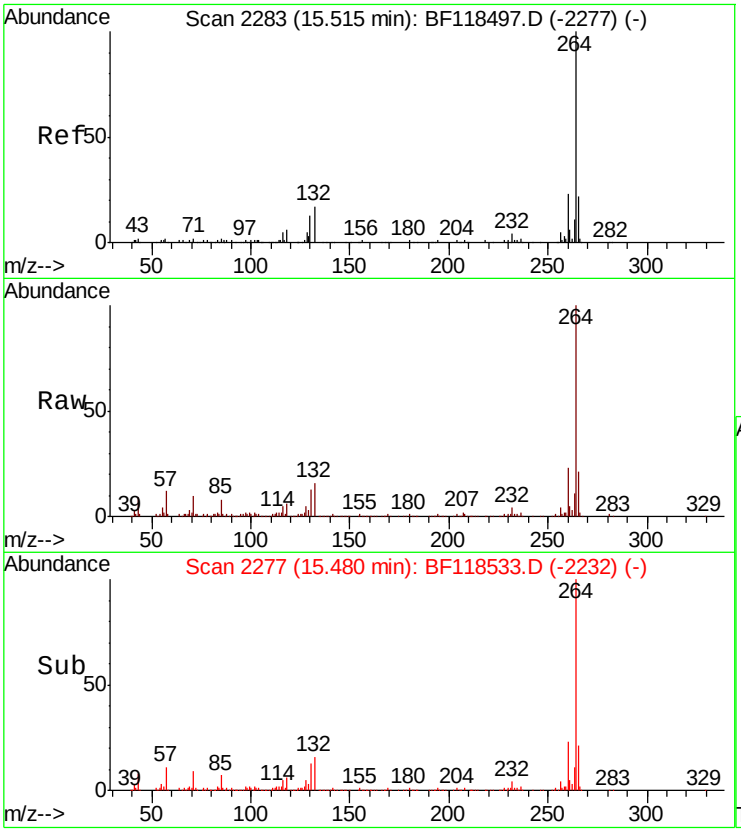


#79
Terphenyl-d14
Concen: 47.422 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Tgt Ion:244 Resp: 639054

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.6	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 253459

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.3	17.5	26.3