Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
Data File : BF118930.D
Acq On : 13 Feb 2020 20:27
Operator : CG/JU
Sample : L1493-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 14 00:38:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	193879	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	782838	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	417815	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	595874	20.00	ng	-0.03
76) Chrysene-d12	13.94	240	601884	20.00	ng	-0.04
87) Perylene-d12	15.39	264	611284	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1270556	124.05	ng	-0.01
7) Phenol-d6	6.43	99	1394485	109.68	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1233784	93.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	517045	103.42	ng	-0.03
45) 2-Fluorobiphenyl	9.15	172	2331272	99.75	ng	-0.03
79) Terphenyl-d14	12.90	244	2426056	82.79	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	1940	Below Cal	#	1
15) Benzyl Alcohol	6.95	79	20372	2.073	ng	# 45
19) n-Nitroso-di-n-propylamine	7.36	70	166725	21.432	ng	# 76
25) Isophorone	7.36	82	1233763	52.269	ng	# 63
50) Dimethylphthalate	9.55	163	77713	2.732	ng	98
51) 2,6-Dinitrotoluene	9.83	165	52724	8.100	ng	# 31
57) 2,4-Dinitrotoluene	9.83	165	52724	6.120	ng	# 34
67) 4-Bromophenyl-phenylether	10.62	248	33087	4.694	ng	# 1

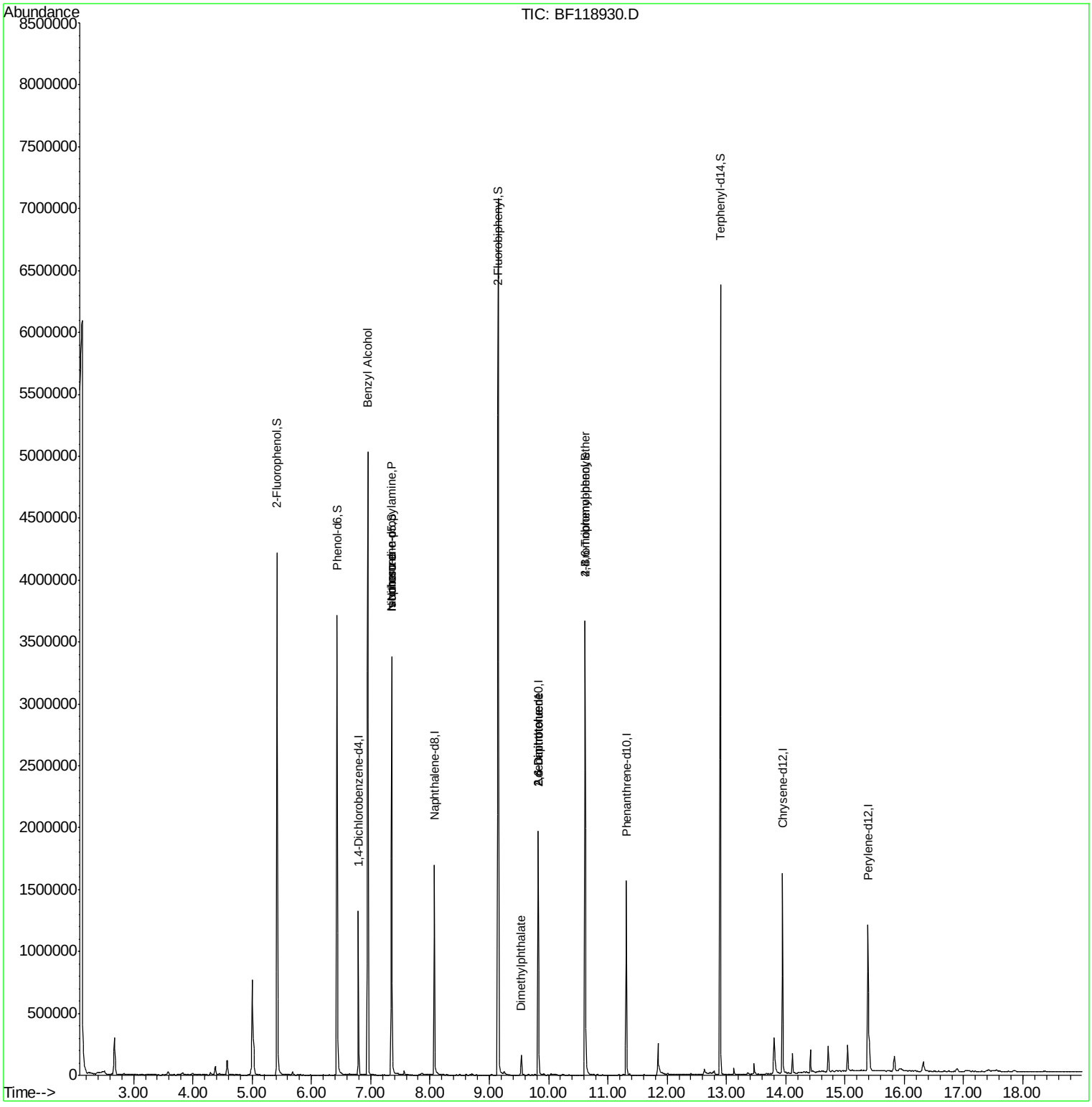
(#) = qualifier out of range (m) = manual integration (+) = signals summed

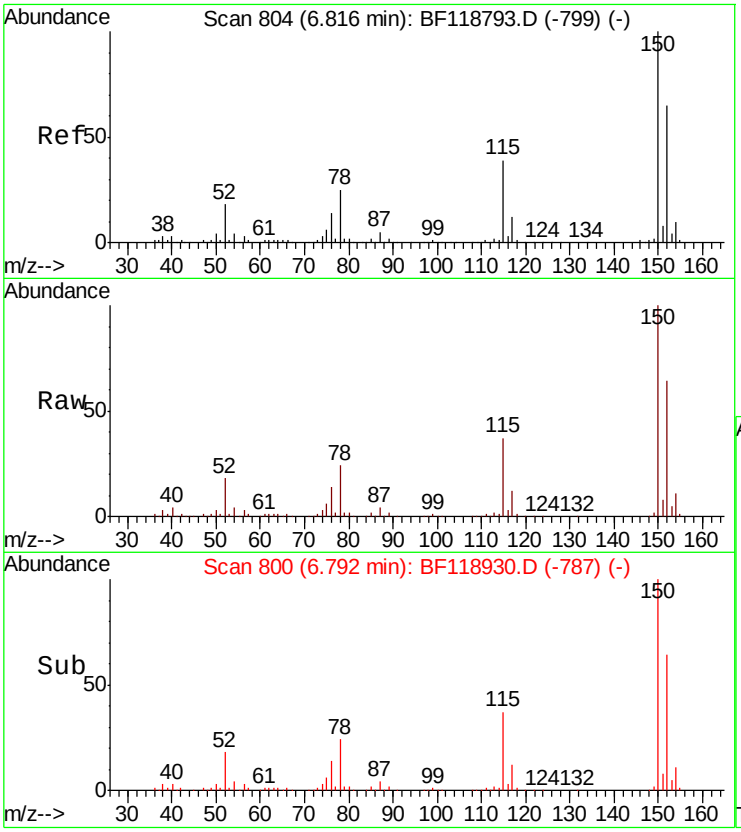
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
Data File : BF118930.D
Acq On : 13 Feb 2020 20:27
Operator : CG/JU
Sample : L1493-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 14 00:38:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



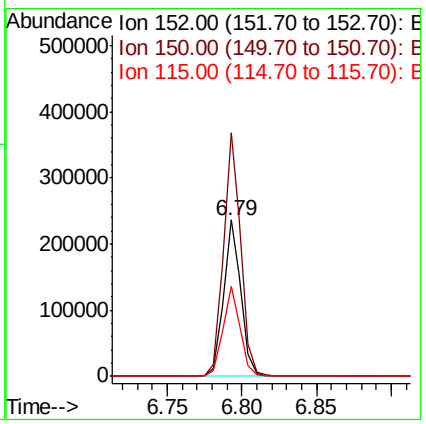


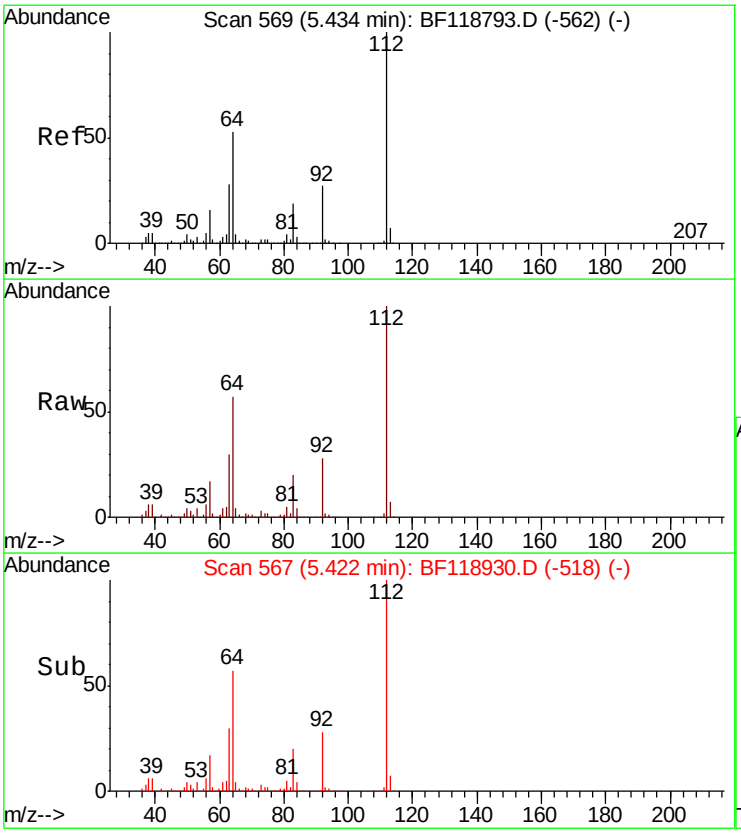
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 193879

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.6	185.4
115	57.9	48.2	72.2

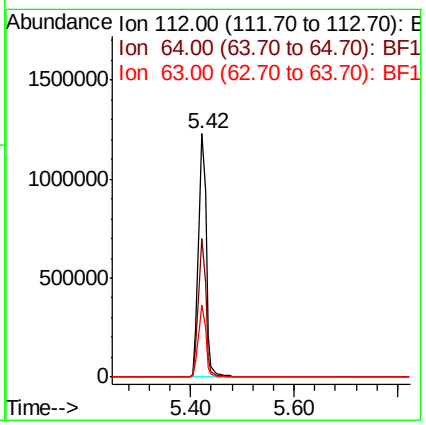


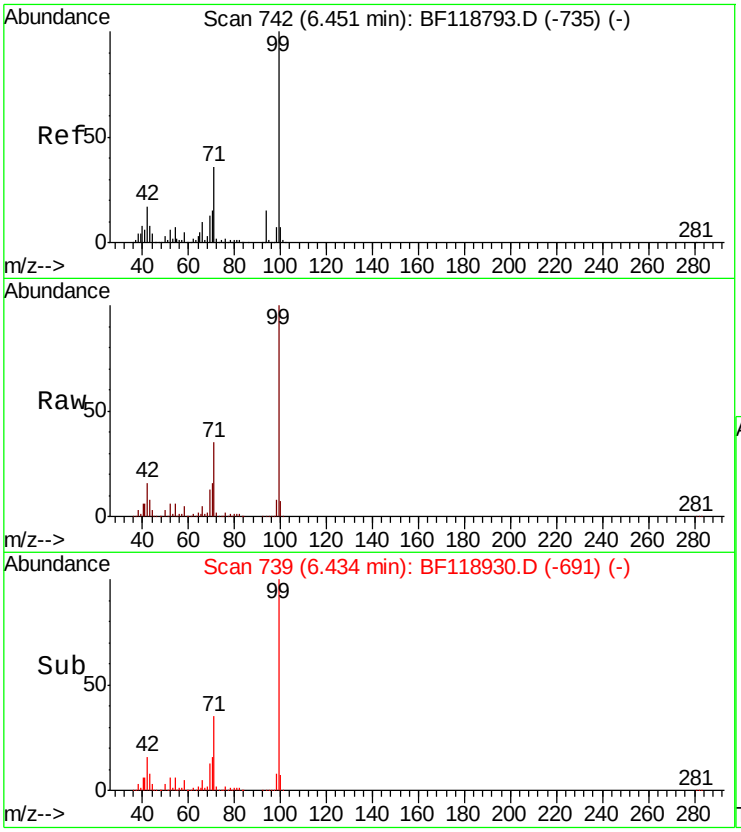


#5
2-Fluorophenol
Concen: 124.050 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Tgt Ion:112 Resp: 1270556

Ion	Ratio	Lower	Upper
112	100		
64	56.8	42.6	63.8
63	29.5	22.2	33.4



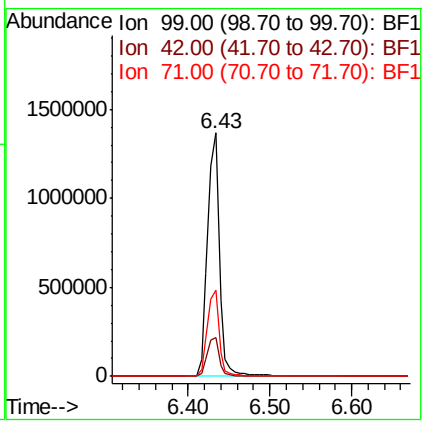


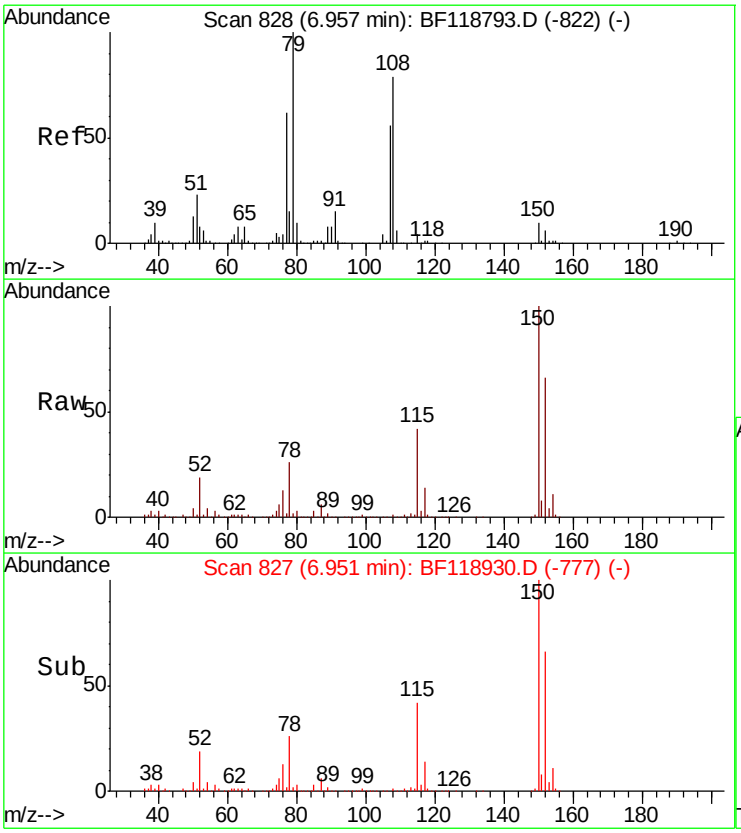
#7
Phenol-d6
Concen: 109.678 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1394485

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.4	20.0
71	35.4	29.0	43.6

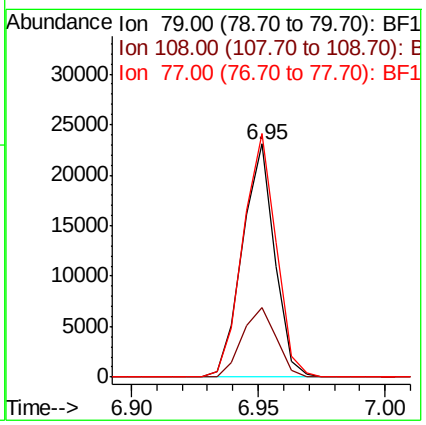


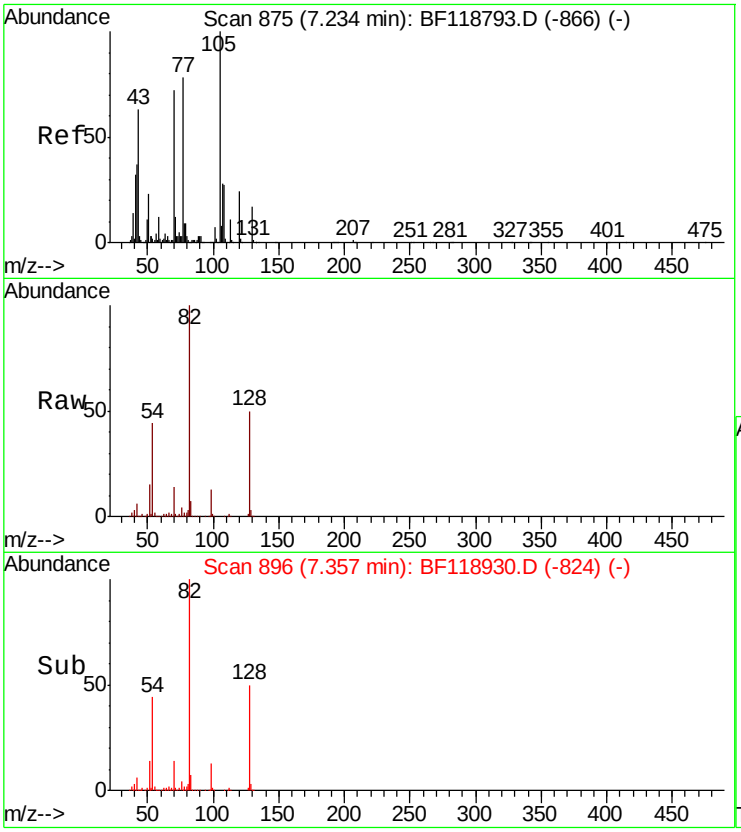


#15
Benzyl Alcohol
Concen: 2.073 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Tgt Ion: 79 Resp: 20372

Ion	Ratio	Lower	Upper
79	100		
108	29.9	62.9	94.3#
77	104.5	50.0	75.0#



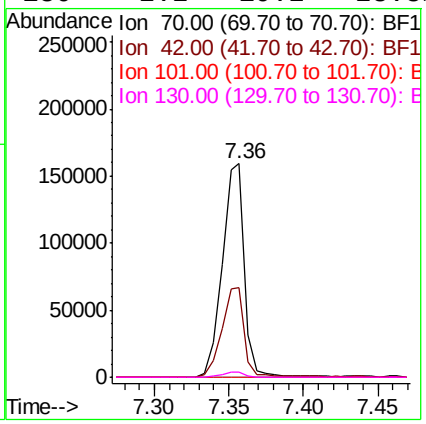


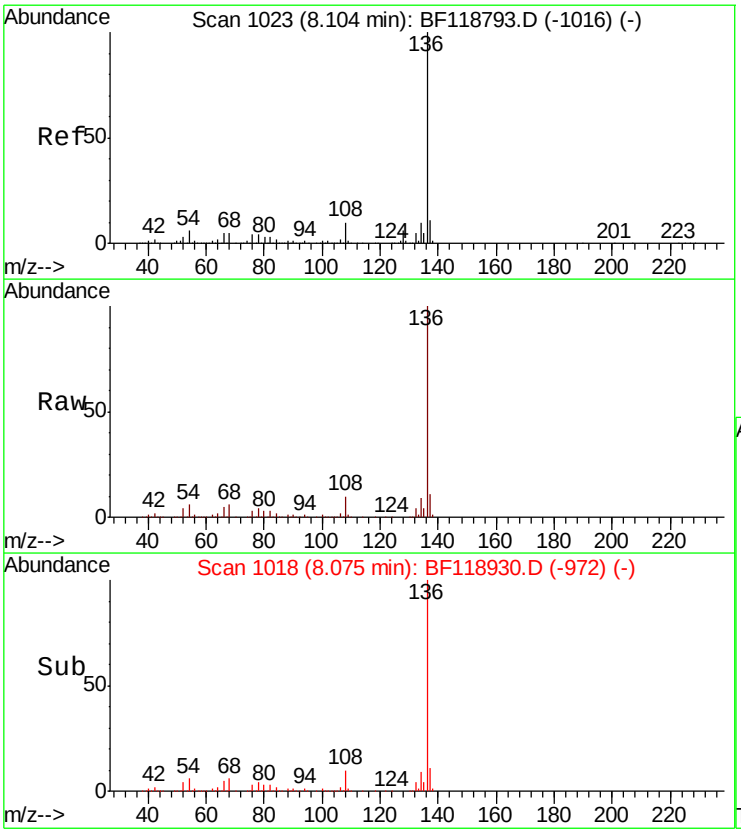
#19
n-Nitroso-di-n-propylamine
Concen: 21.432 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.12 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 166725

Ion	Ratio	Lower	Upper
70	100		
42	41.7	41.5	62.3
101	0.0	8.3	12.5#
130	2.2	19.2	28.8#

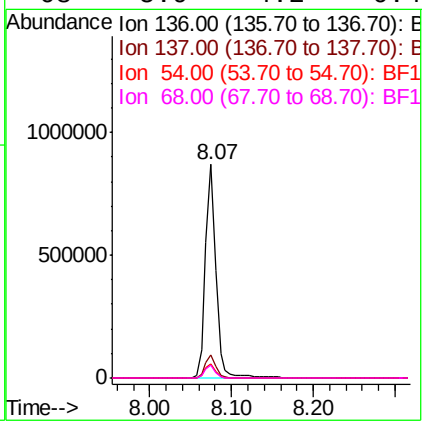


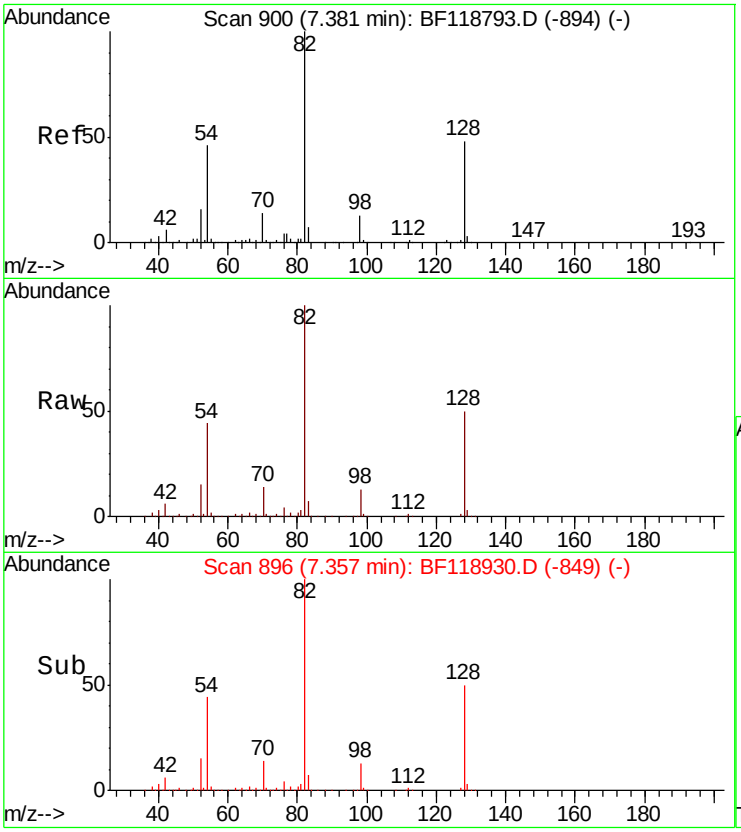


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Tgt Ion:136 Resp: 782838

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.5	5.0	7.6
68	5.9	4.2	6.4



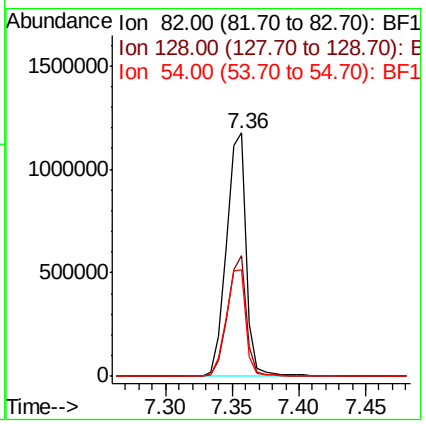


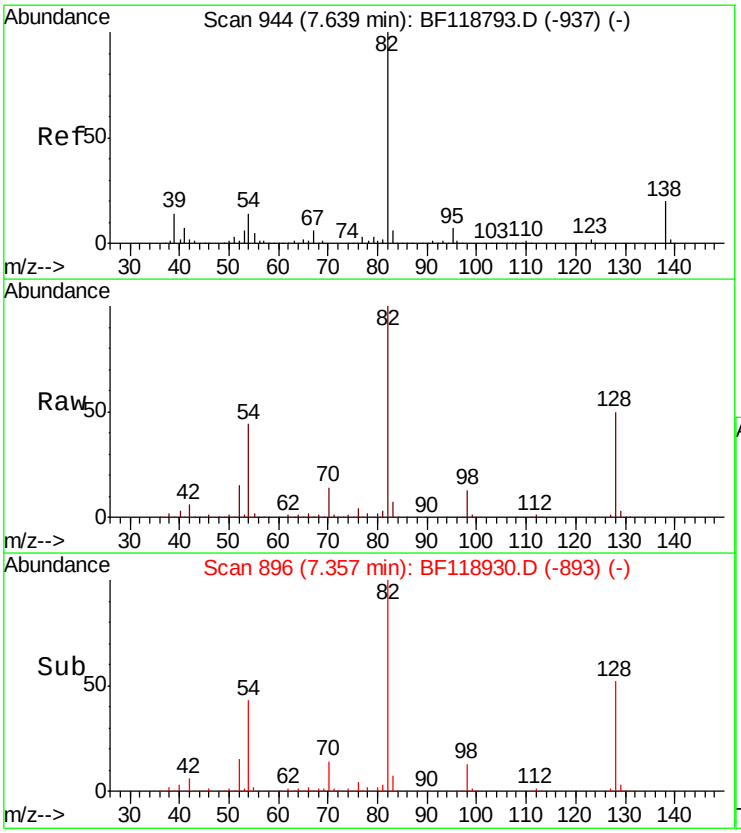
#23
Nitrobenzene-d5
Concen: 93.940 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1233784

Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.5	57.7
54	43.8	36.7	55.1

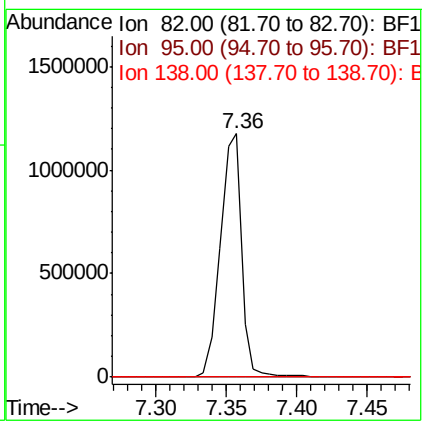


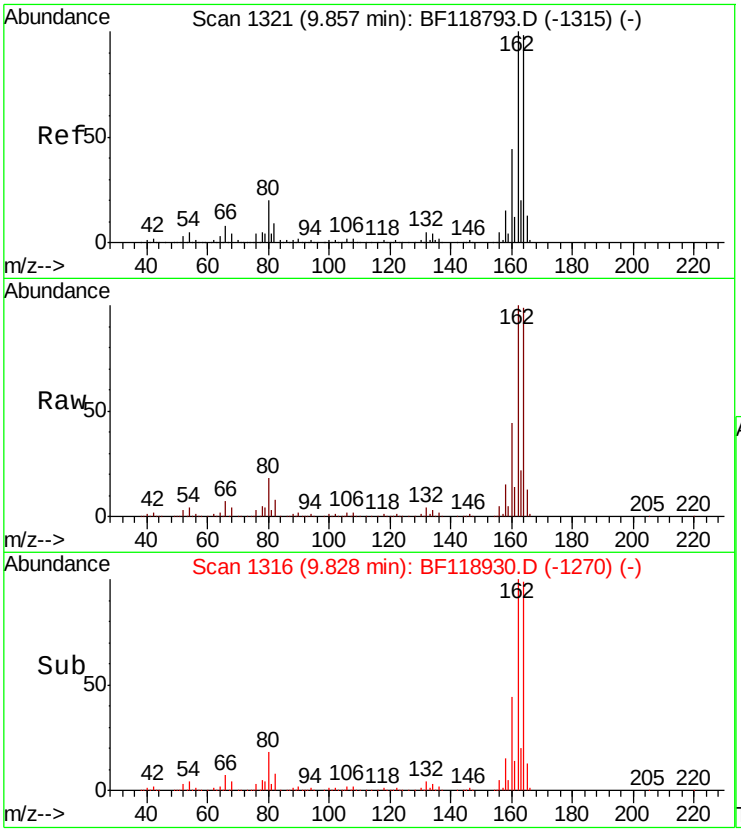


#25
Isophorone
Concen: 52.269 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Tgt Ion: 82 Resp: 1233763

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.7	23.5#



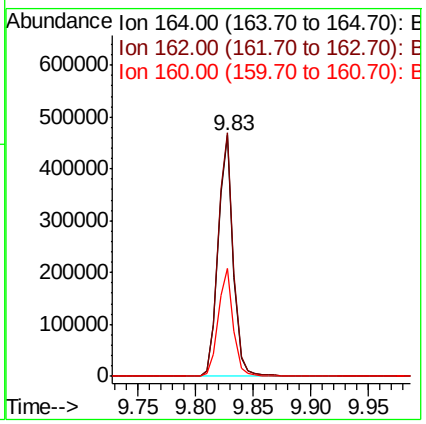


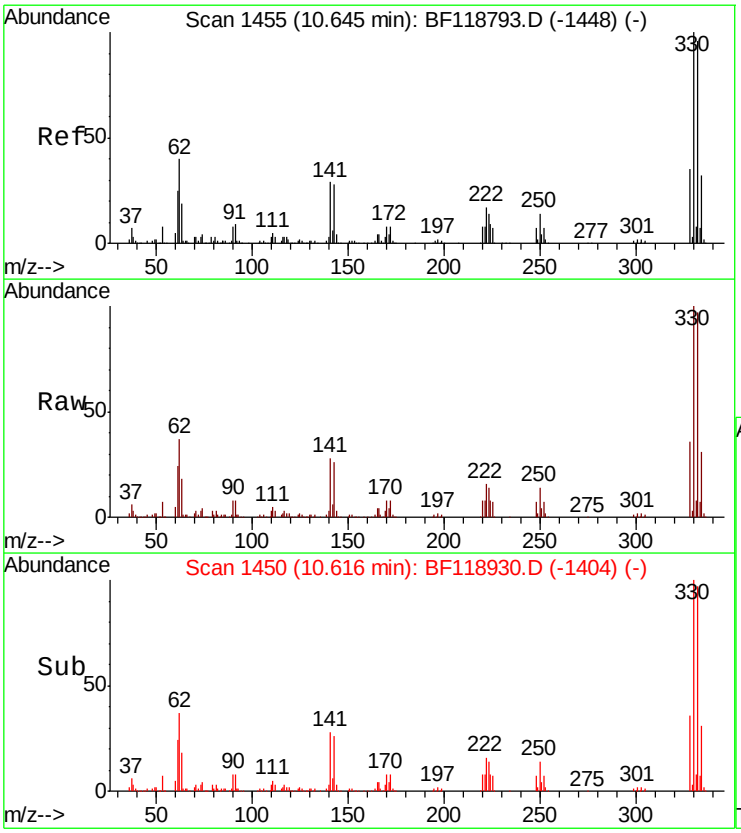
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 417815

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.2
160	44.8	35.6	53.4

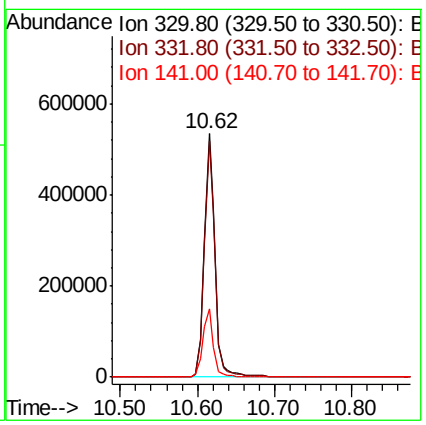


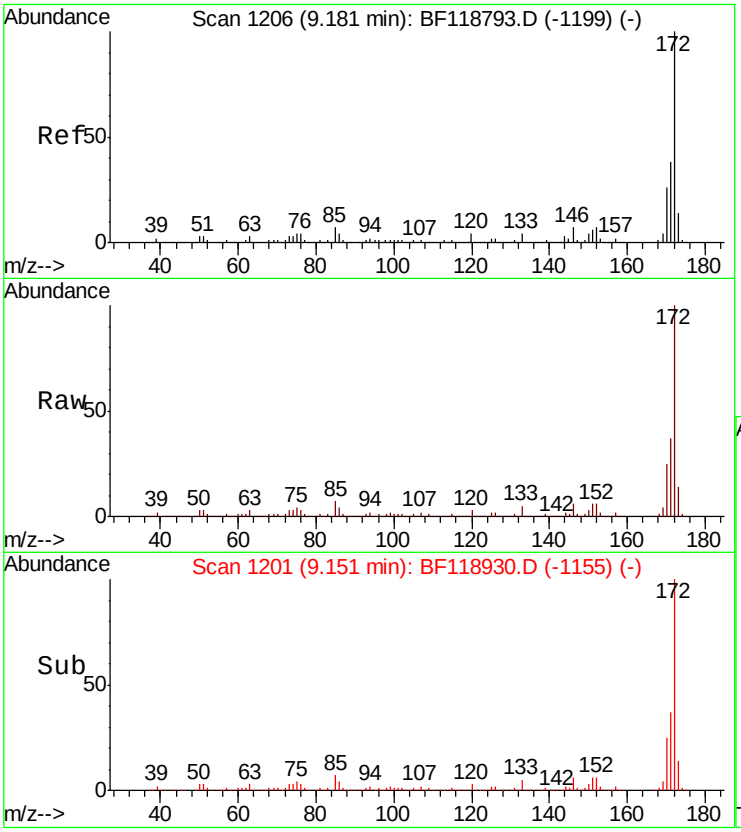


#42
2,4,6-Tribromophenol
Concen: 103.424 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.03 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Tgt Ion:330 Resp: 517045

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	27.7	22.4	33.6



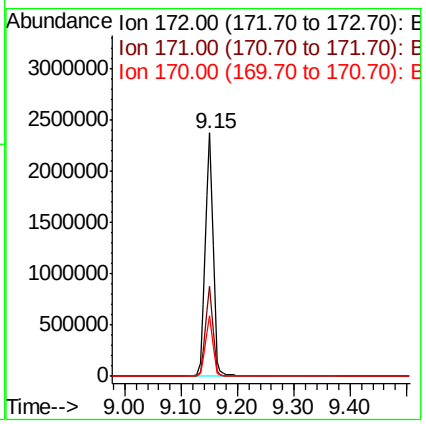


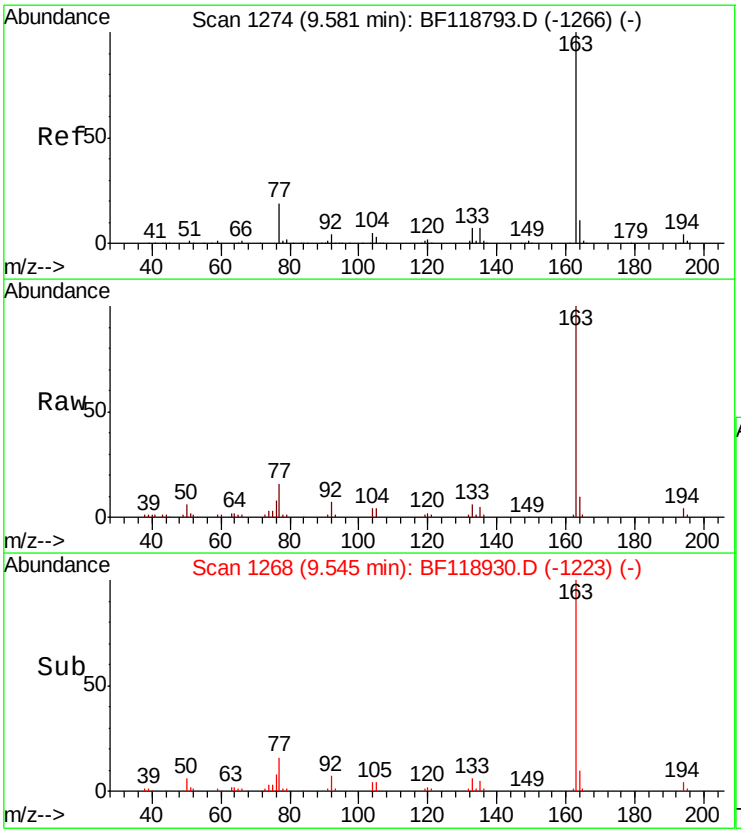
#45
2-Fluorobiphenyl
Concen: 99.748 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2331272

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.0	20.5	30.7

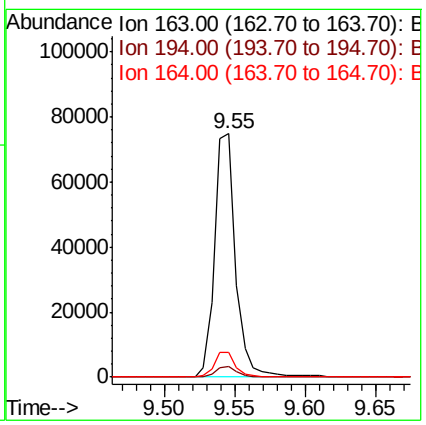


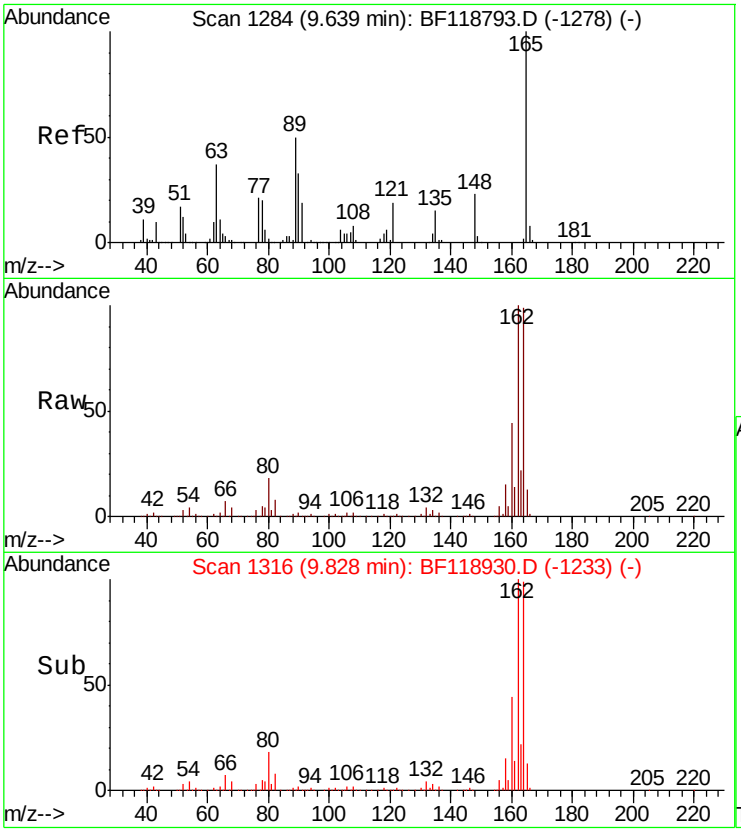


#50
Dimethylphthalate
Concen: 2.732 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.04 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Tgt Ion:163 Resp: 77713

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.1	8.7	13.1



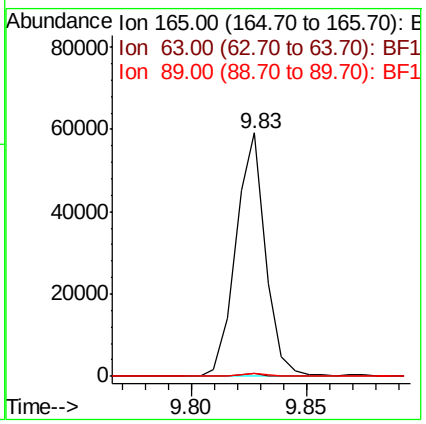


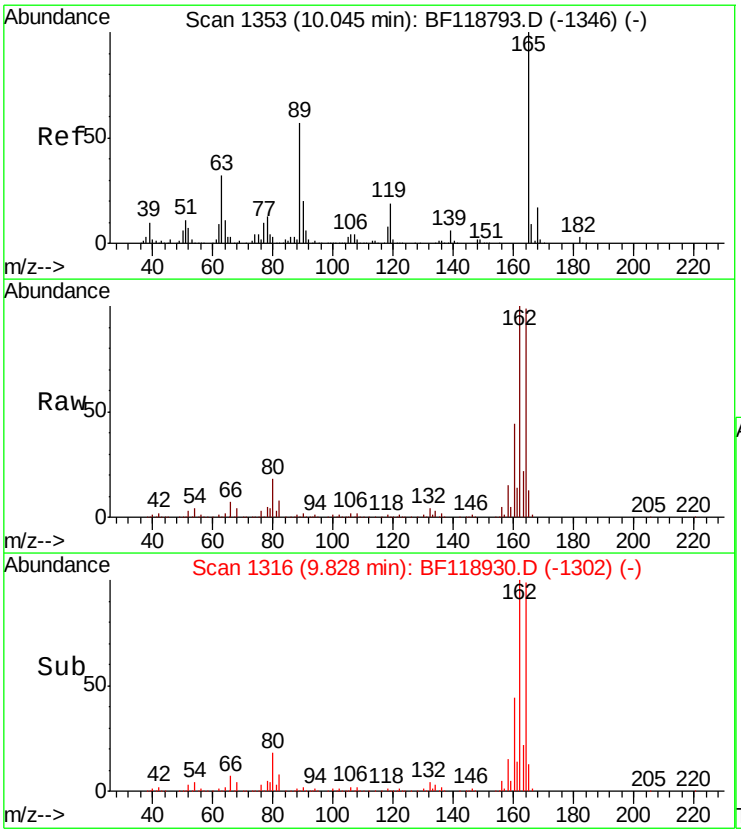
#51
2,6-Dinitrotoluene
Concen: 8.100 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 52724

Ion	Ratio	Lower	Upper
165	100		
63	1.4	37.4	56.0#
89	1.5	39.7	59.5#

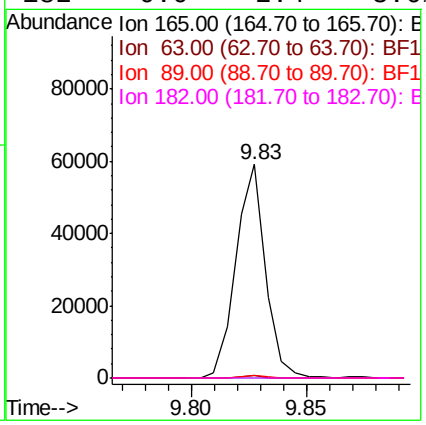


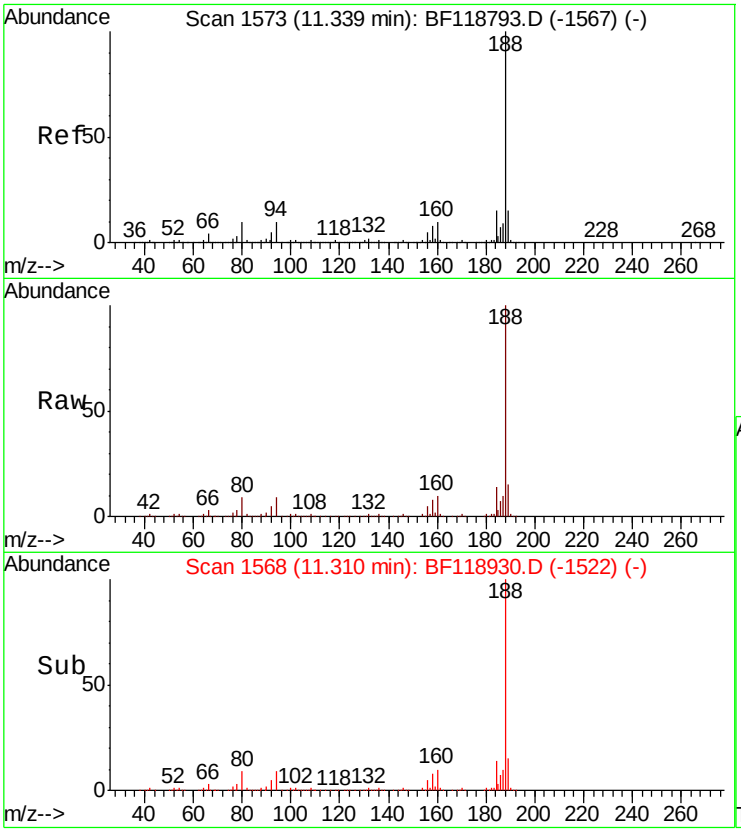


#57
2,4-Dinitrotoluene
Concen: 6.120 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.22 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Tgt Ion:165 Resp: 52724

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.5	38.3#
89	1.5	45.4	68.0#
182	0.0	2.4	3.6#



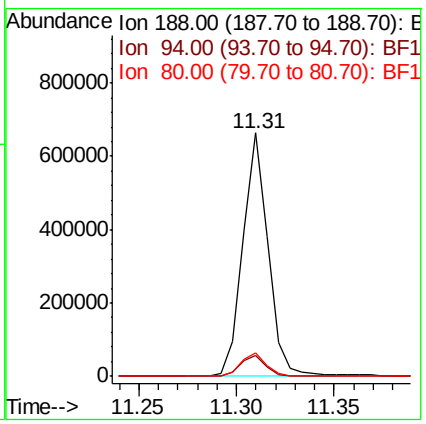


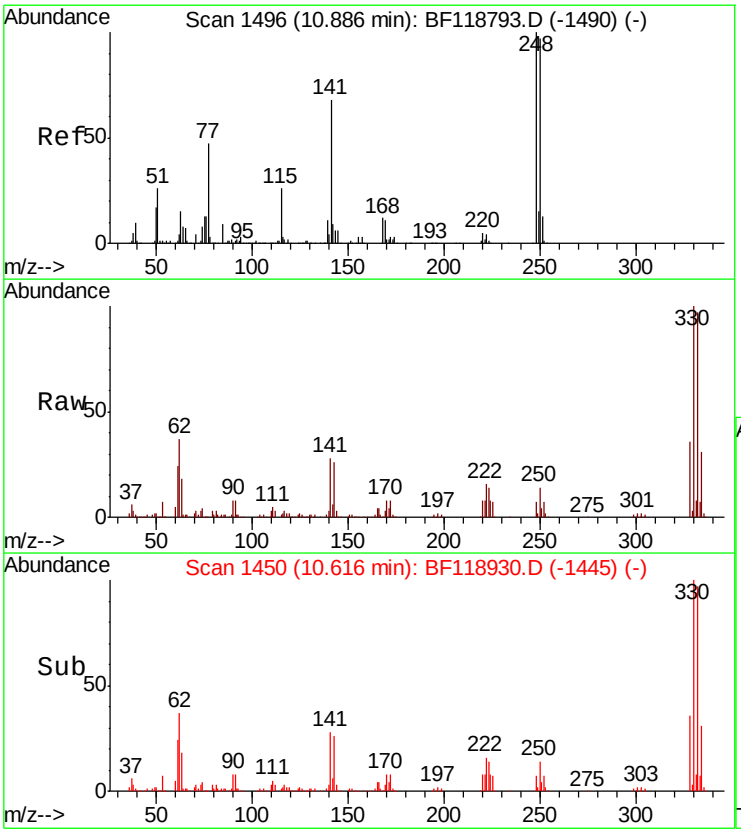
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.03 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 595874

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.4	8.4	12.6

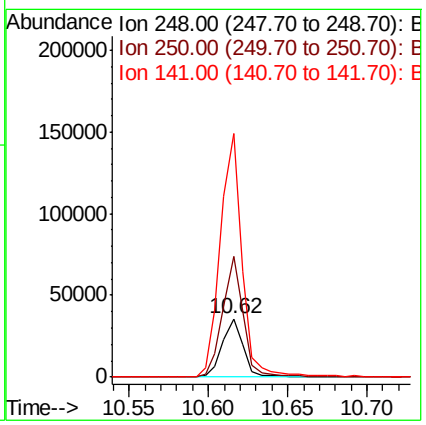


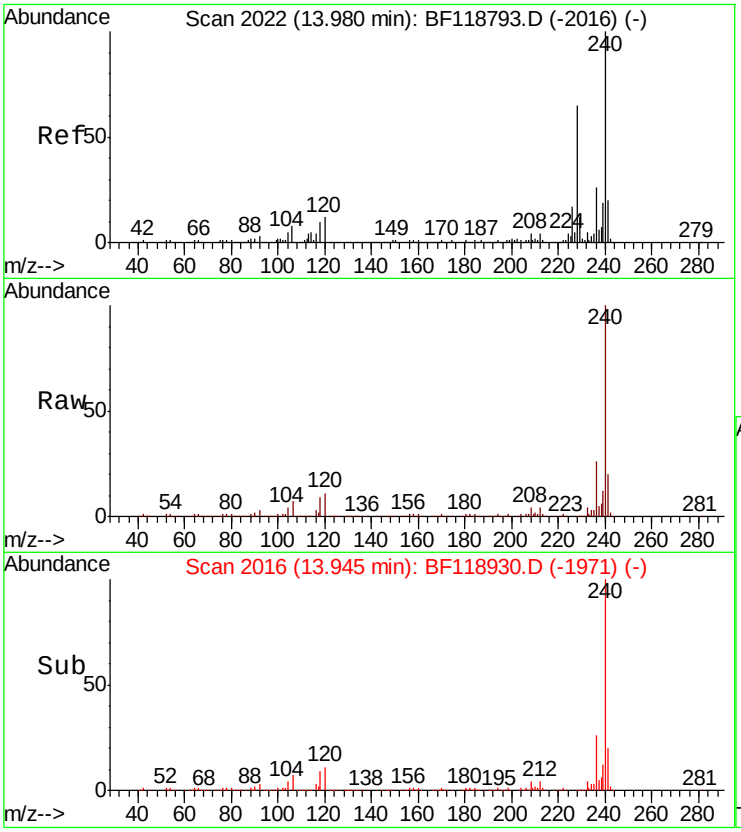


#67
4-Bromophenyl-phenylether
Concen: 4.694 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.27 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Tgt Ion:248 Resp: 33087

Ion	Ratio	Lower	Upper
248	100		
250	205.6	77.6	116.4#
141	416.7	54.4	81.6#



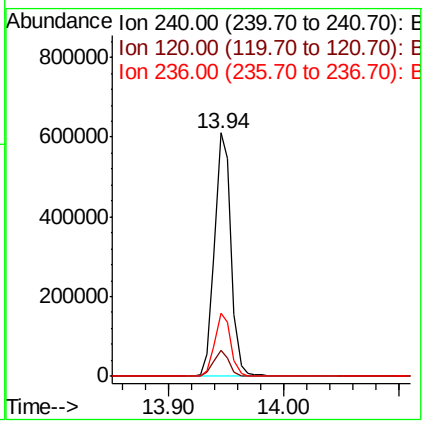


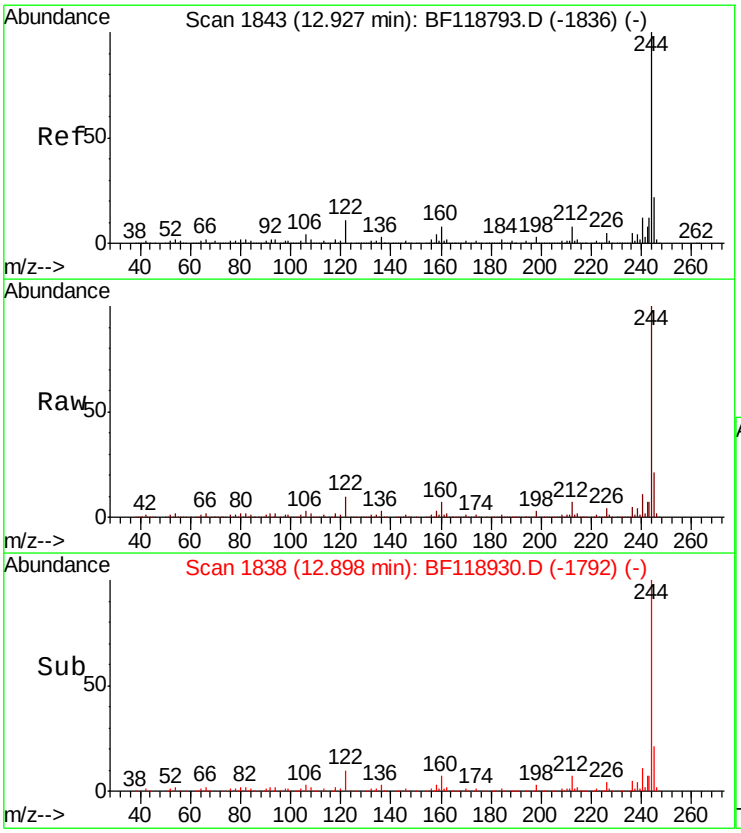
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 601884

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.4	14.0
236	25.9	21.0	31.6

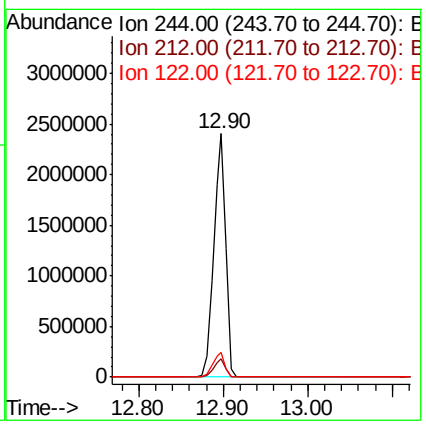


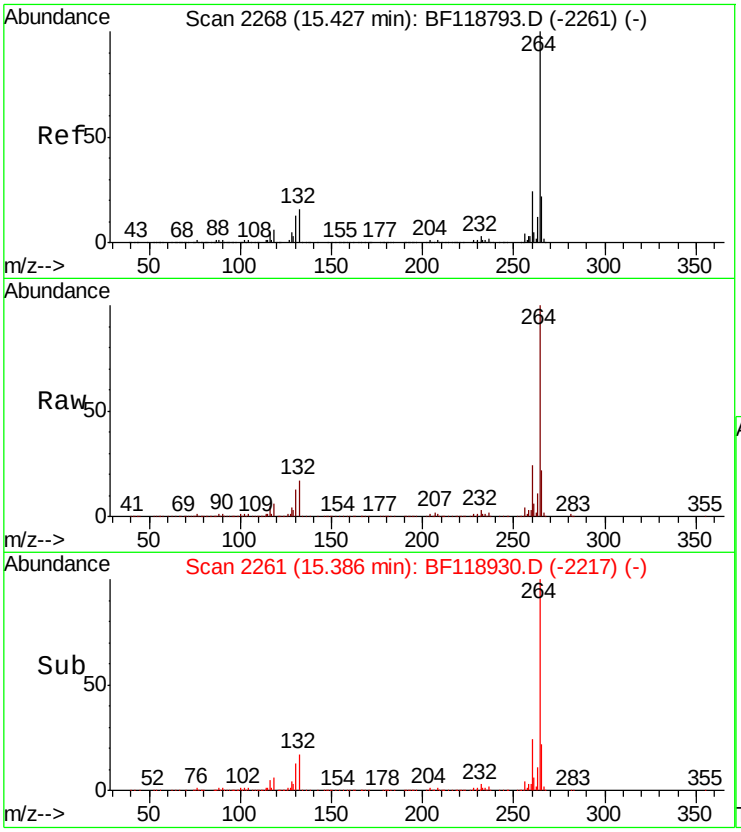


#79
Terphenyl-d14
Concen: 82.794 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.03 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Tgt Ion:244 Resp: 2426056

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.2	8.9	13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.04 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 611284

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.8	17.2	25.8