Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117112.D
Acq On : 17 Sep 2019 17:45
Operator : HP/JU
Sample : K4860-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 18 03:51:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	61508	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	236527	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	121562	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	190193	20.00	ng	0.00
76) Chrysene-d12	13.97	240	139069	20.00	ng	0.00
87) Perylene-d12	15.42	264	119740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	497937	126.39	ng	0.02
7) Phenol-d6	6.47	99	597691	117.39	ng	0.01
23) Nitrobenzene-d5	7.39	82	457691	101.67	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	163984	161.40	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	796750	102.48	ng	0.00
79) Terphenyl-d14	12.92	244	792615	106.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	890	Below Cal	#	1
15) Benzyl Alcohol	6.98	79	7998	2.048	ng	# 52
19) n-Nitroso-di-n-propylamine	7.39	70	62765	20.245	ng	# 79
25) Isophorone	7.39	82	457687	57.422	ng	# 66
32) Benzoic acid	7.87	122	603	6.821	ng	# 60
51) 2,6-Dinitrotoluene	9.85	165	16010	9.133	ng	# 25
57) 2,4-Dinitrotoluene	9.85	165	16010	7.036	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.65	198	317	7.215	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	10141	5.221	ng	# 1

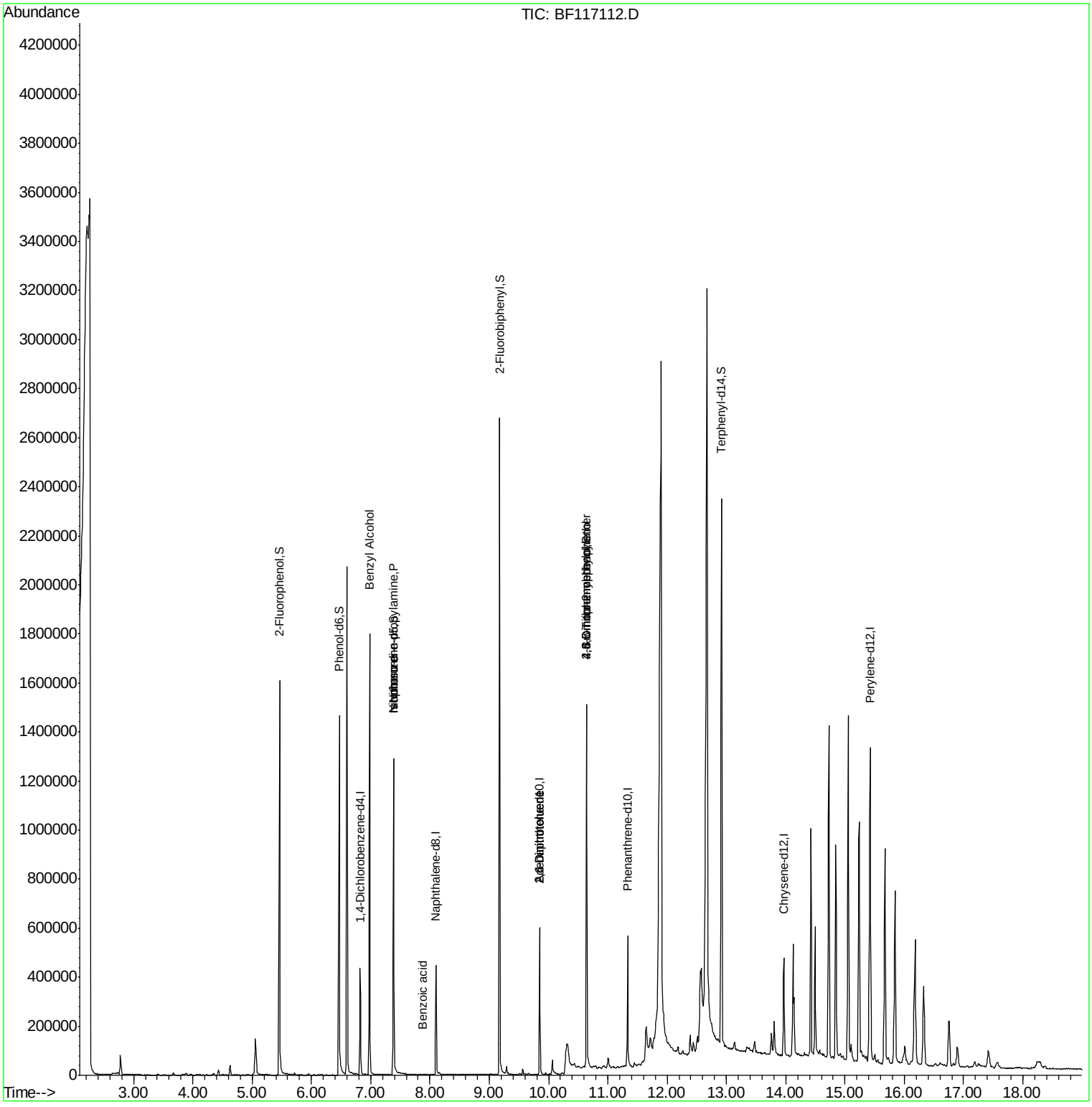
(#) = qualifier out of range (m) = manual integration (+) = signals summed

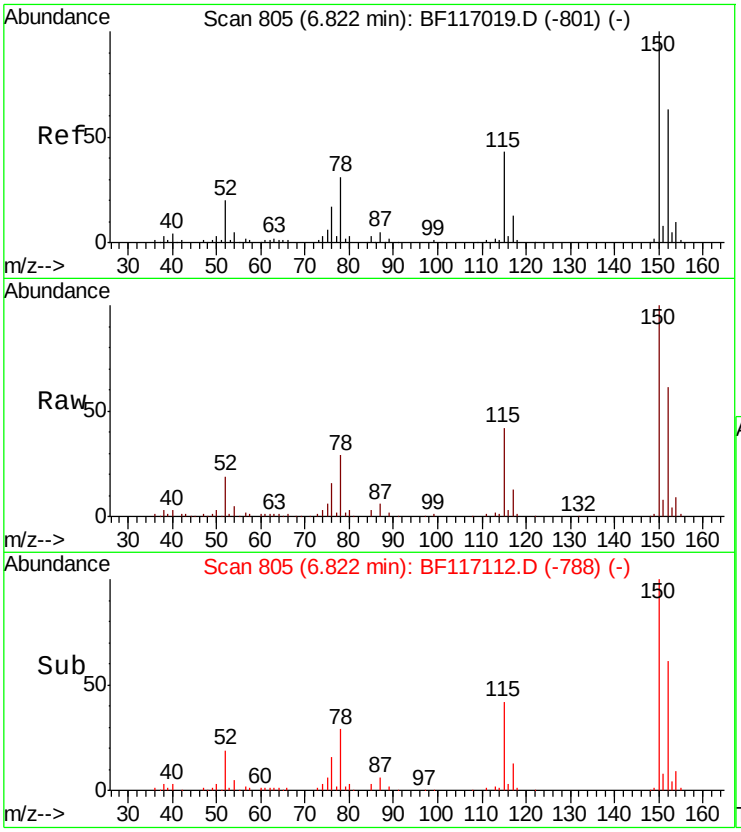
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117112.D
Acq On : 17 Sep 2019 17:45
Operator : HP/JU
Sample : K4860-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 18 03:51:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



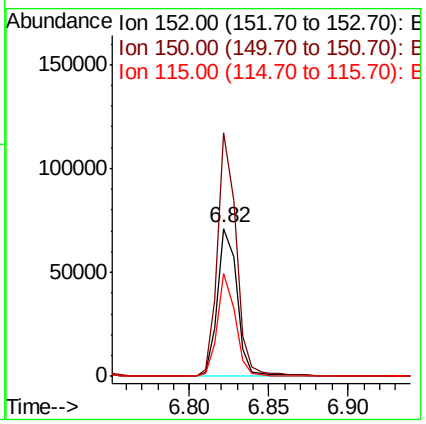


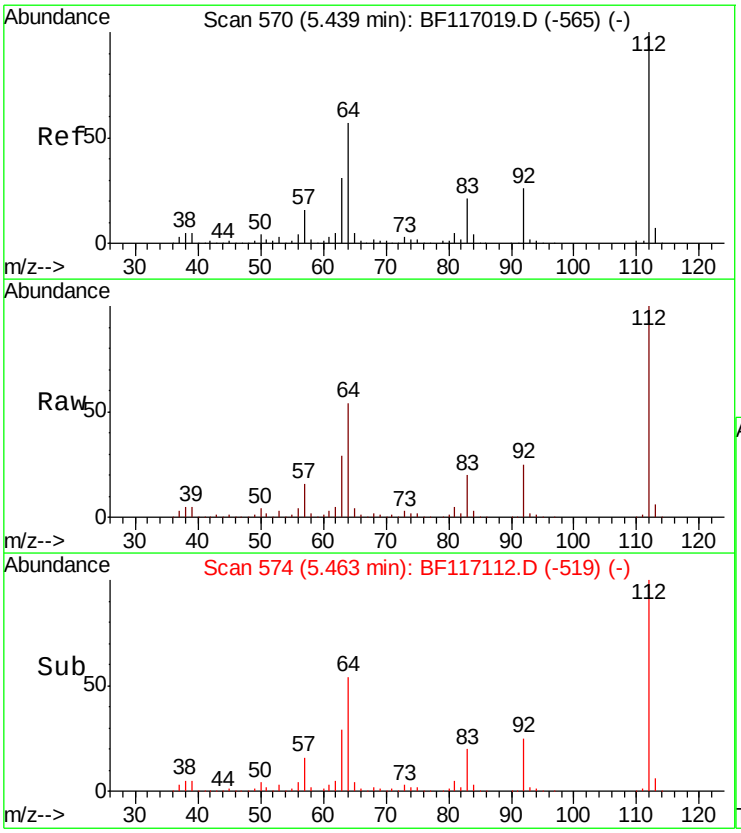
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 61508

Ion	Ratio	Lower	Upper
152	100		
150	164.5	127.5	191.3
115	69.2	55.0	82.4

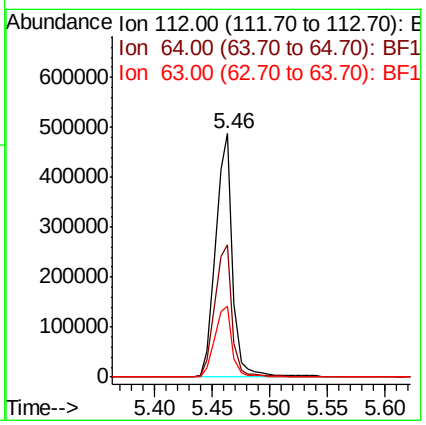


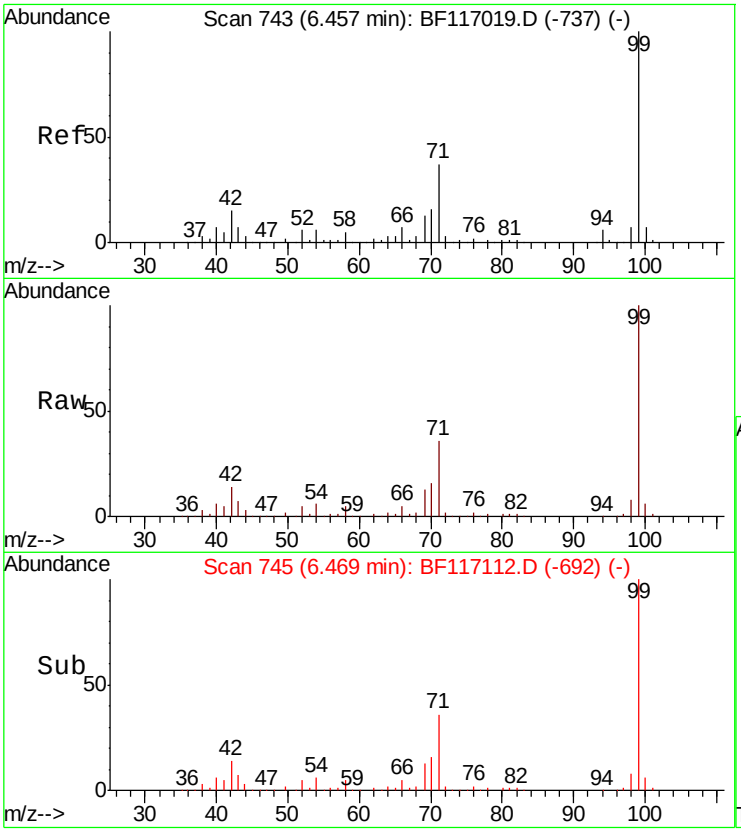


#5
2-Fluorophenol
Concen: 126.391 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Tgt Ion:112 Resp: 497937

Ion	Ratio	Lower	Upper
112	100		
64	54.3	45.7	68.5
63	29.2	24.9	37.3



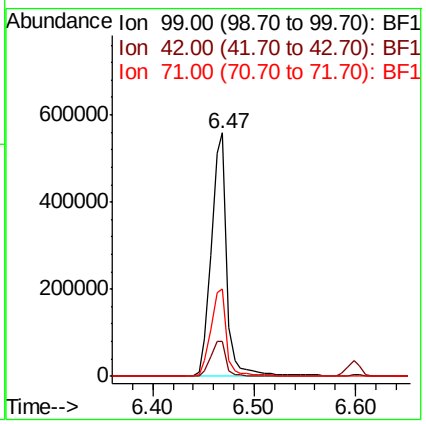


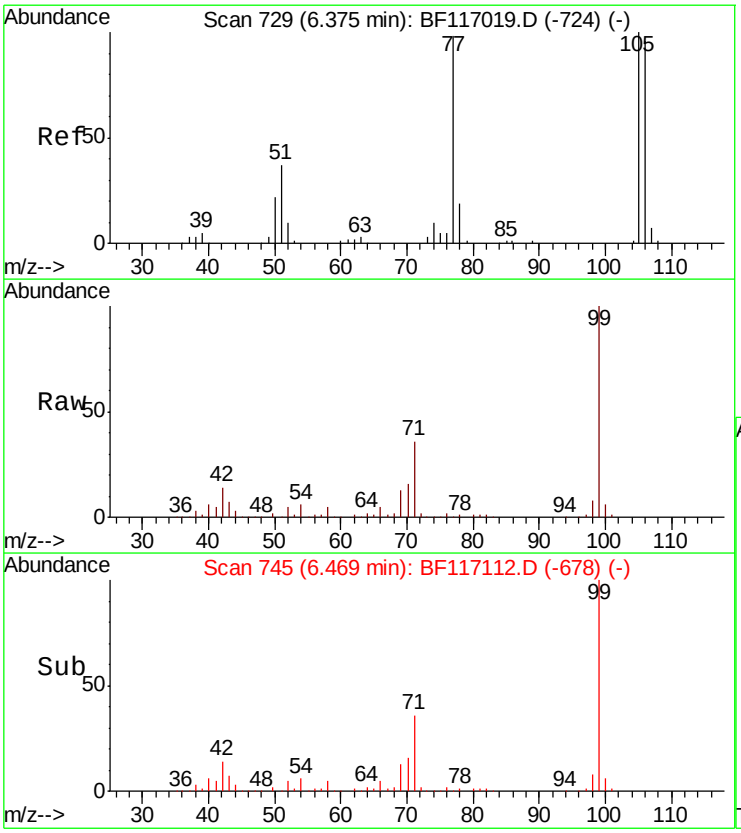
#7
Phenol-d6
Concen: 117.391 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 597691

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.2	18.2
71	36.1	29.8	44.8

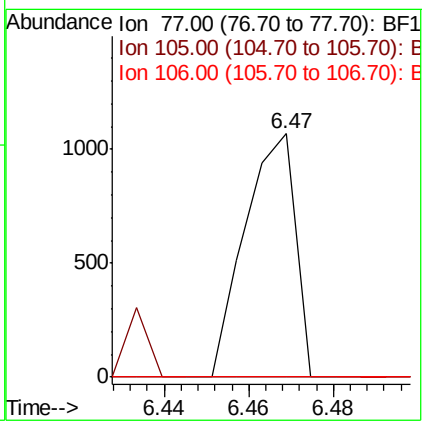


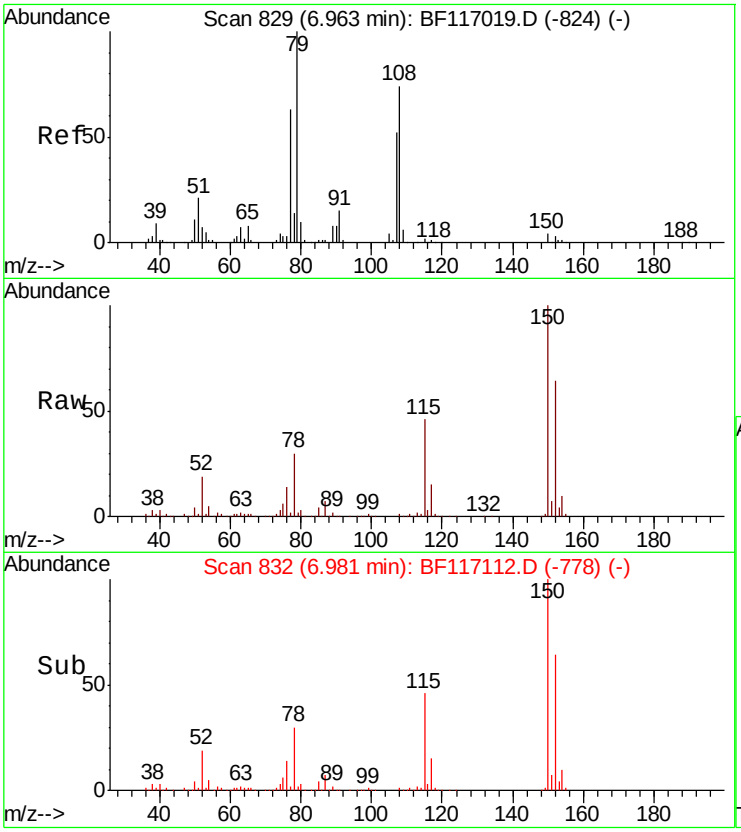


#9
Benzaldehyde
Concen: Below Cal
RT: 6.47 min Scan# 745
Delta R.T. 0.09 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Tgt Ion: 77 Resp: 890

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#



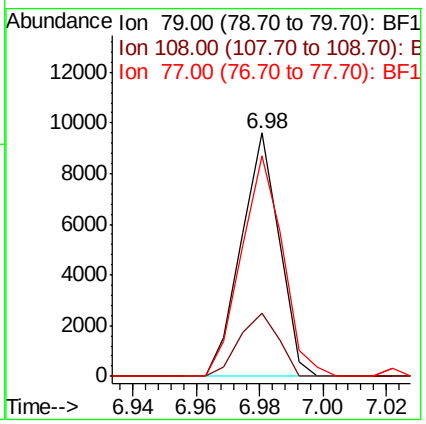


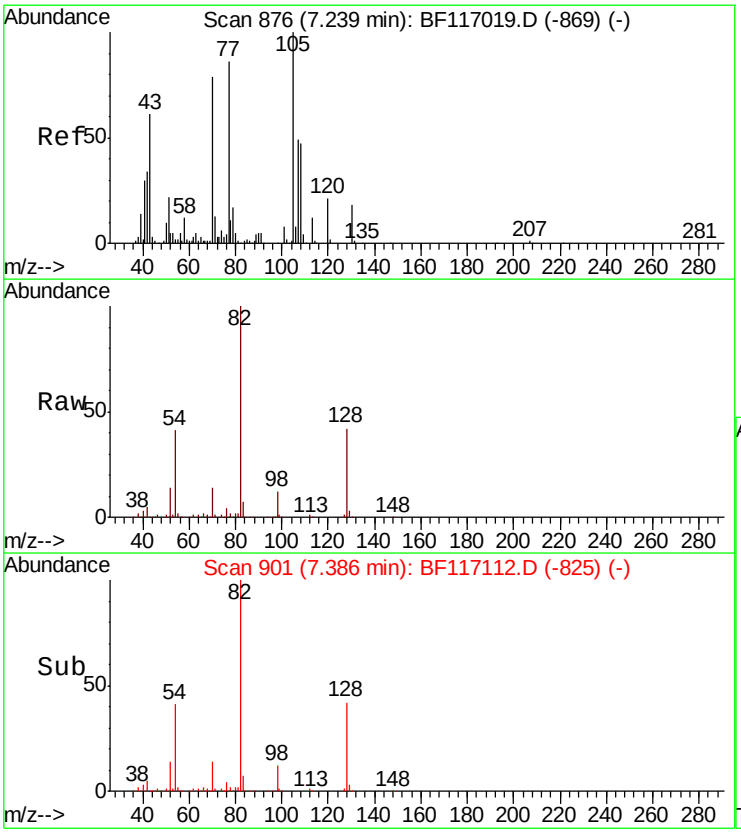
#15
Benzyl Alcohol
Concen: 2.048 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.02 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 7998

Ion	Ratio	Lower	Upper
79	100		
108	25.7	59.4	89.0#
77	90.6	50.2	75.2#

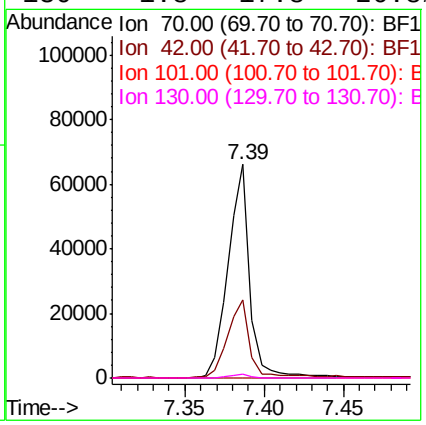


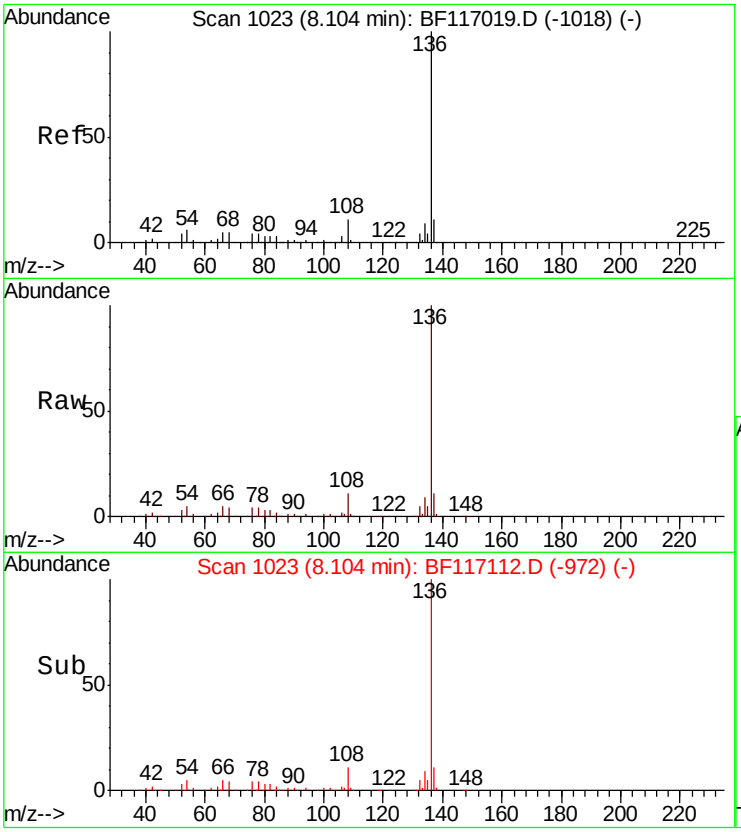


#19
n-Nitroso-di-n-propylamine
Concen: 20.245 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Tgt Ion: 70 Resp: 62765

Ion	Ratio	Lower	Upper
70	100		
42	36.8	34.0	51.0
101	0.0	7.8	11.6#
130	1.8	17.8	26.8#



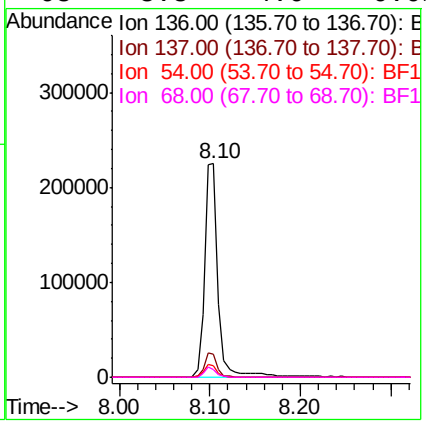


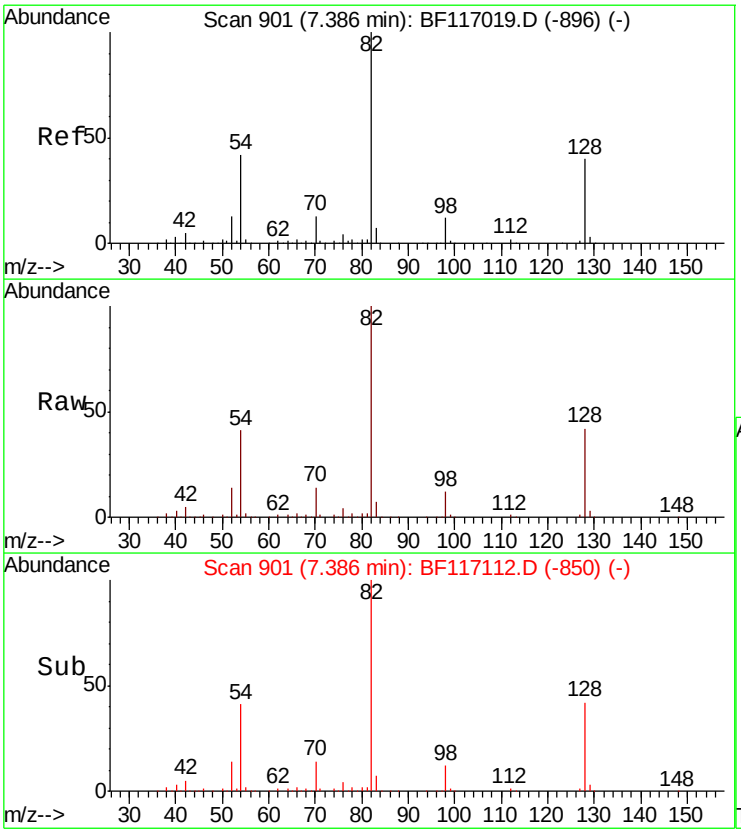
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 236527

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	5.1	4.5	6.7
68	3.8	4.0	6.0#

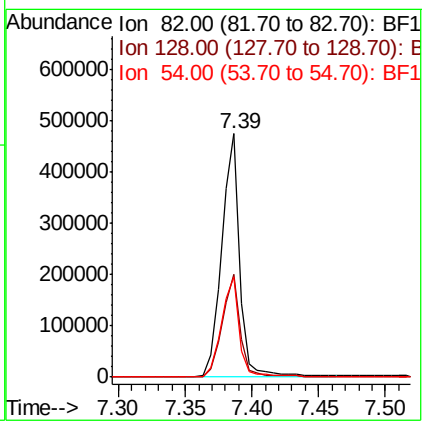


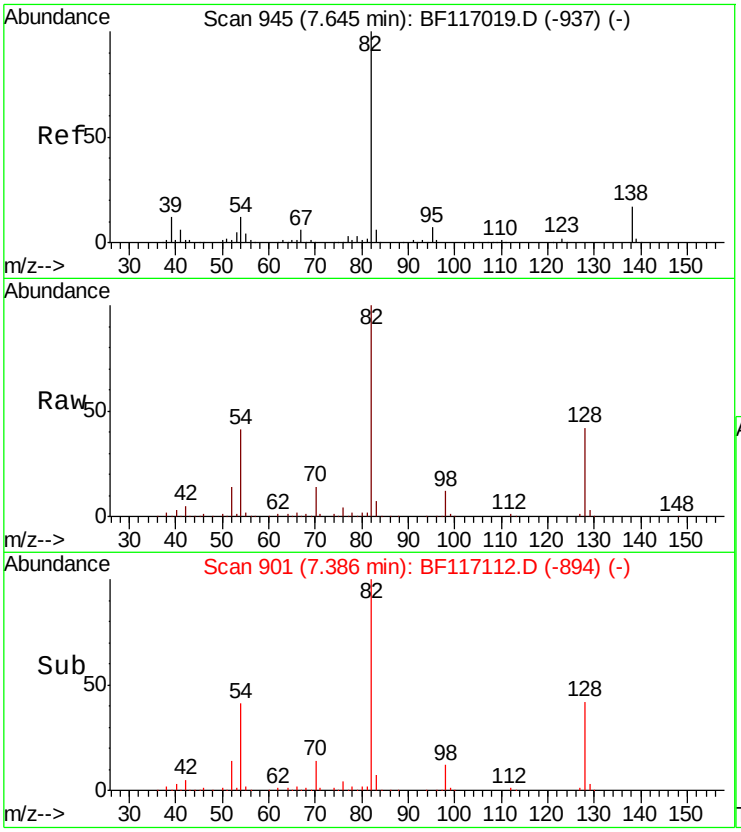


#23
Nitrobenzene-d5
Concen: 101.672 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Tgt Ion: 82 Resp: 457691

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.3	48.5
54	41.0	33.3	49.9



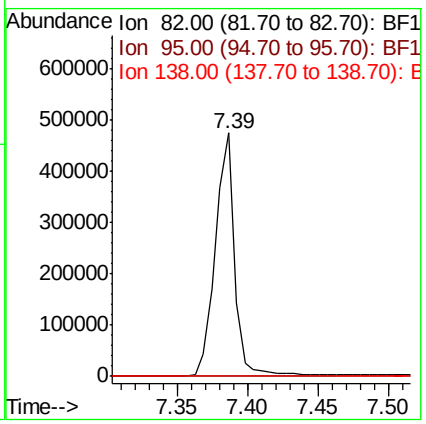


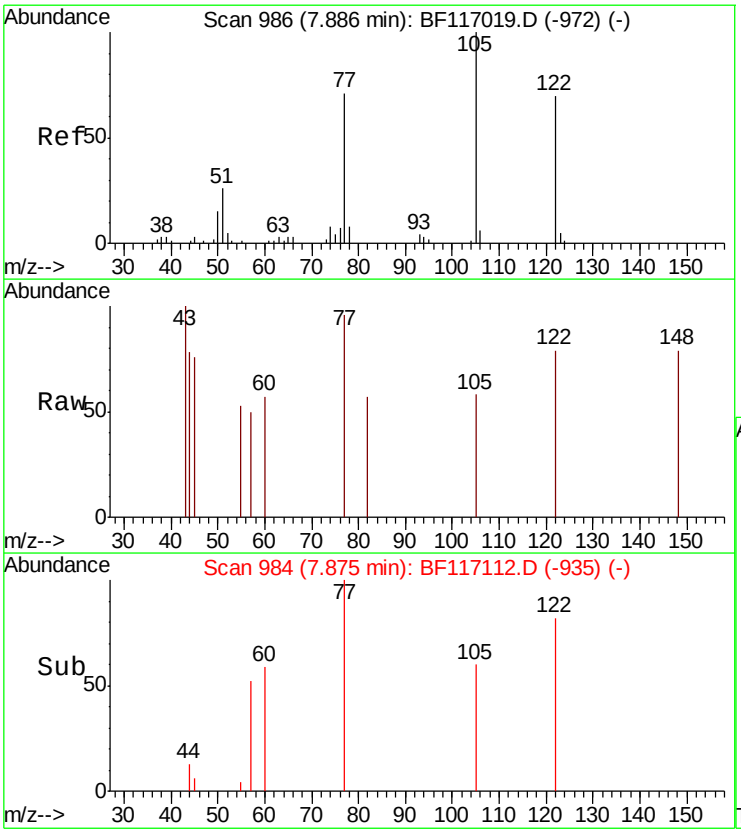
#25
Isophorone
Concen: 57.422 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 457687

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

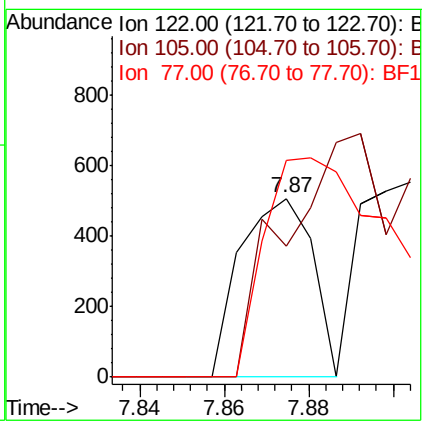


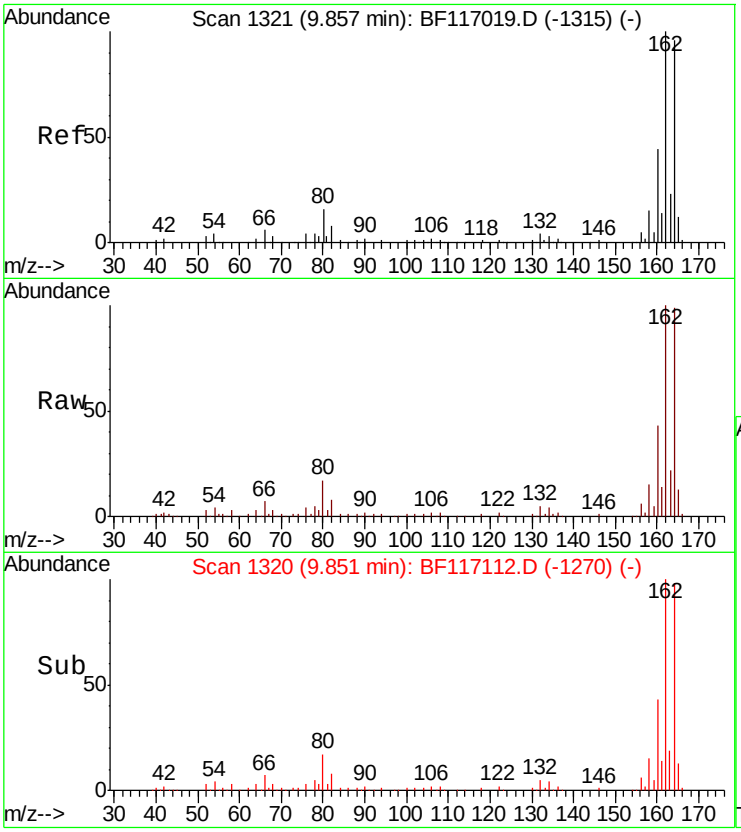


#32
Benzoic acid
Concen: 6.821 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Tgt Ion:122 Resp: 603

Ion	Ratio	Lower	Upper
122	100		
105	73.2	114.8	154.8#
77	121.3	78.7	118.7#



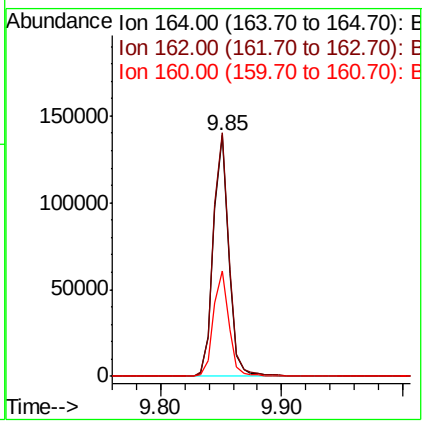


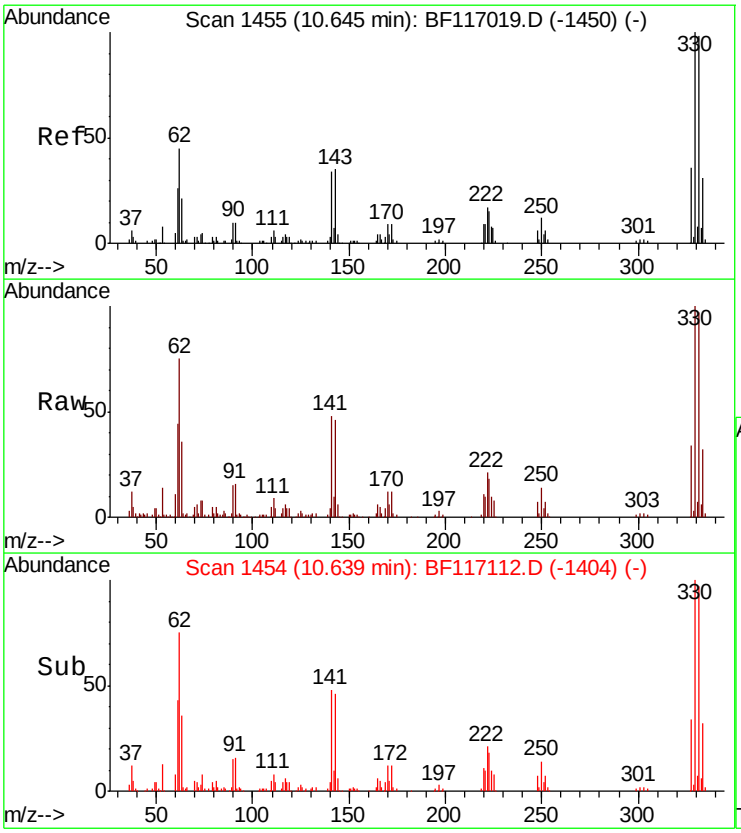
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 121562

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.4	125.2
160	43.7	36.4	54.6

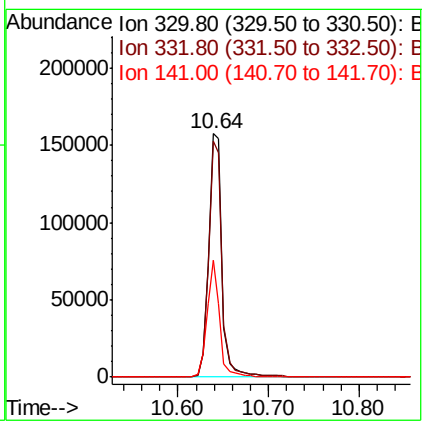


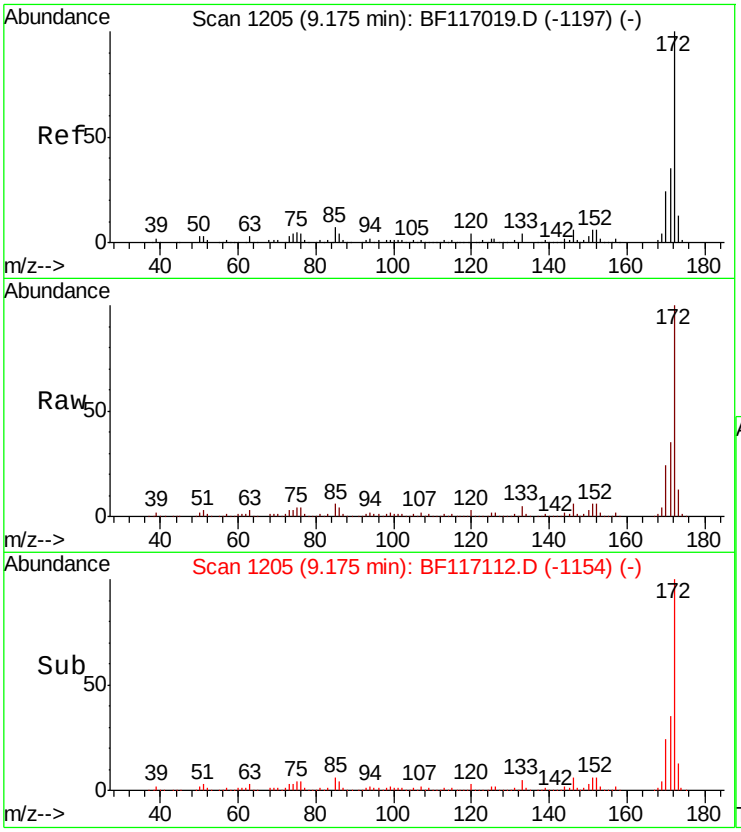


#42
2,4,6-Tribromophenol
Concen: 161.405 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Tgt Ion:330 Resp: 163984

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	45.0	35.8	53.6



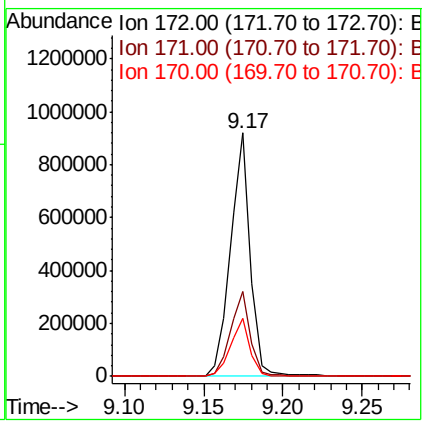


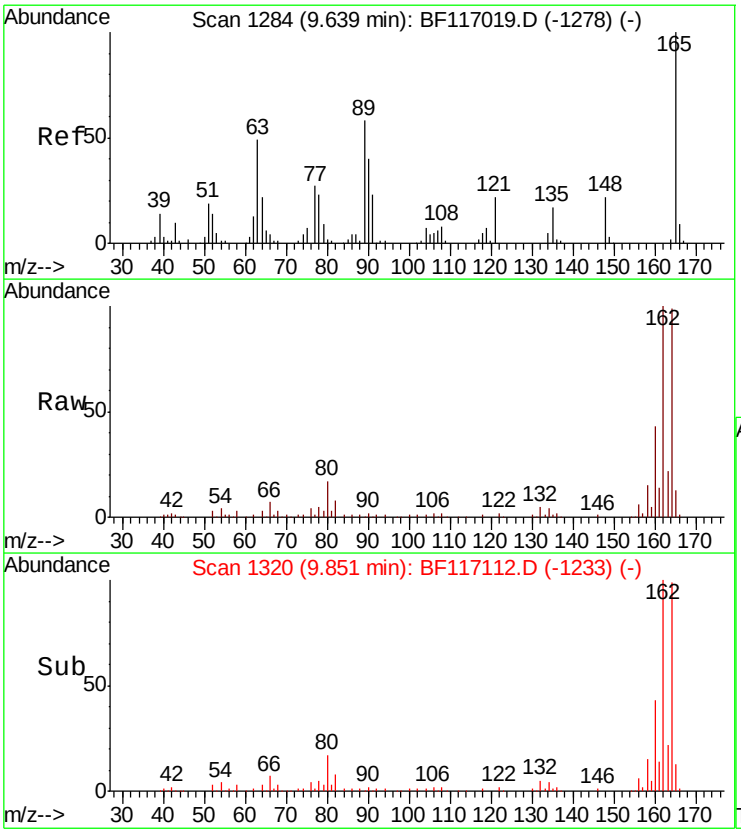
#45
2-Fluorobiphenyl
Concen: 102.481 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 796750

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.6	18.9	28.3

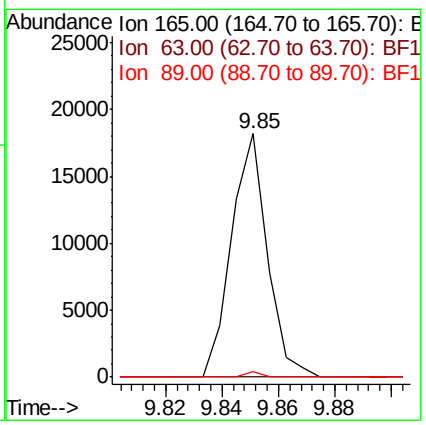


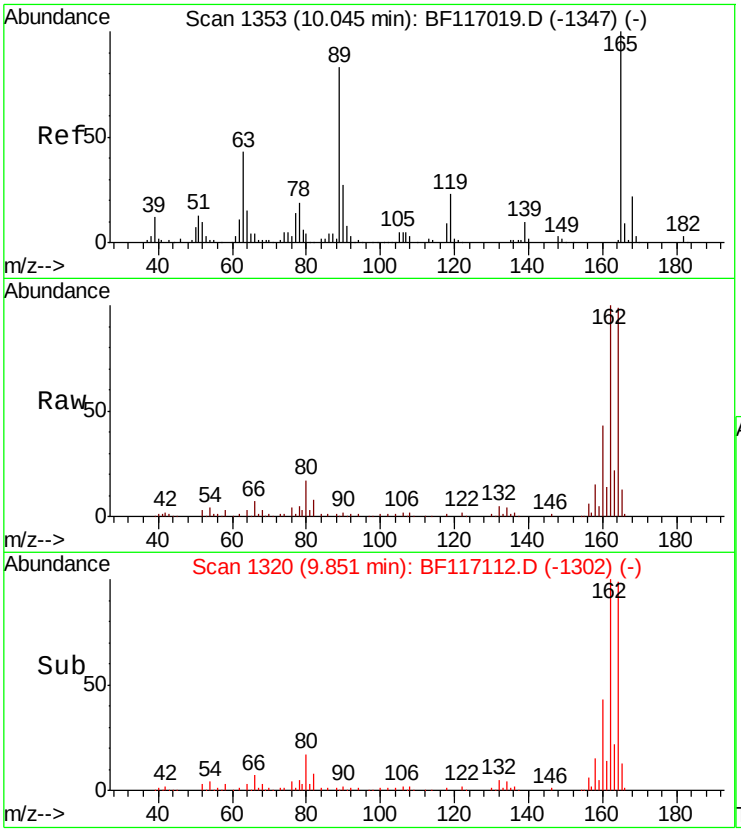


#51
2,6-Dinitrotoluene
Concen: 9.133 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Tgt Ion:165 Resp: 16010

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	2.0	46.5	69.7#



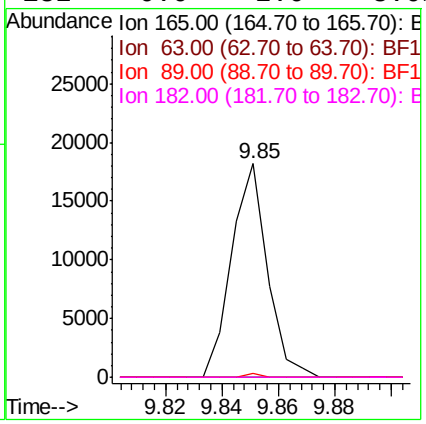


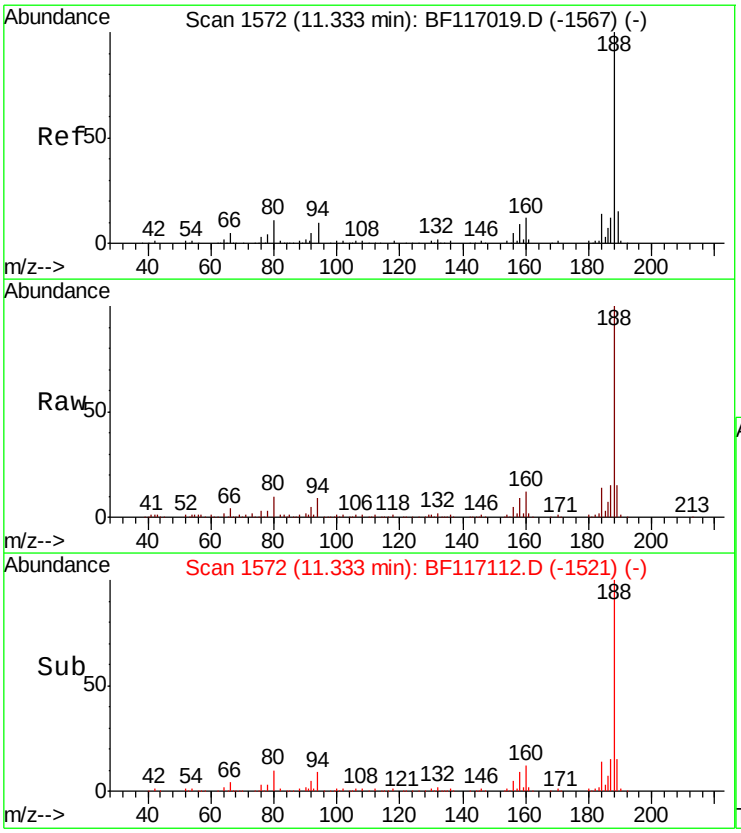
#57
2,4-Dinitrotoluene
Concen: 7.036 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16010

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	2.0	66.1	99.1#
182	0.0	2.0	3.0#

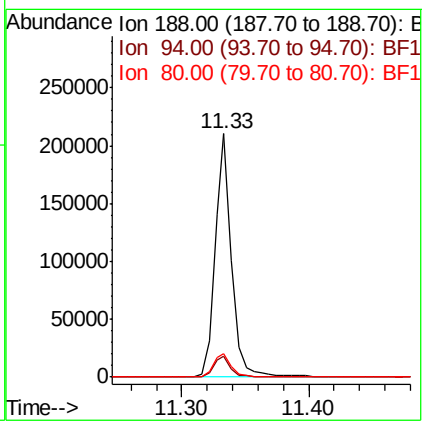


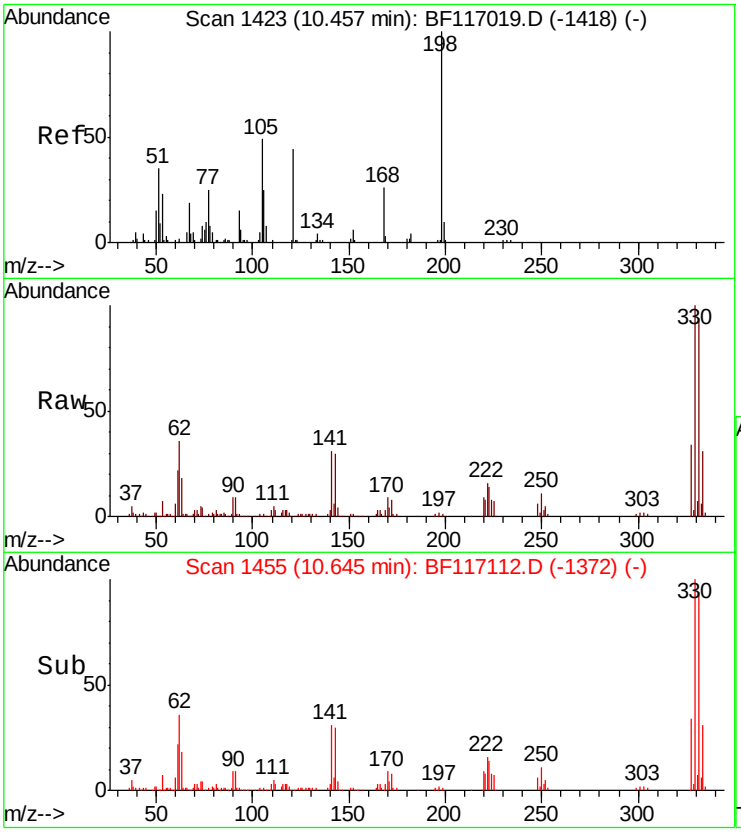


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Tgt Ion:188 Resp: 190193

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.7	9.0	13.6



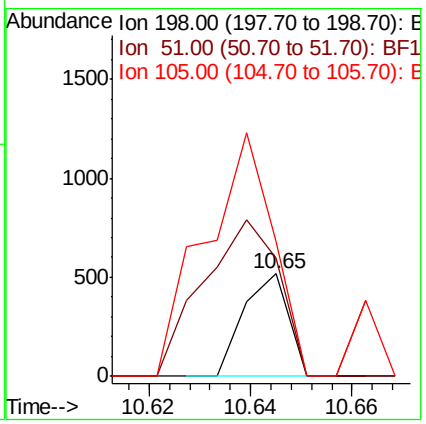


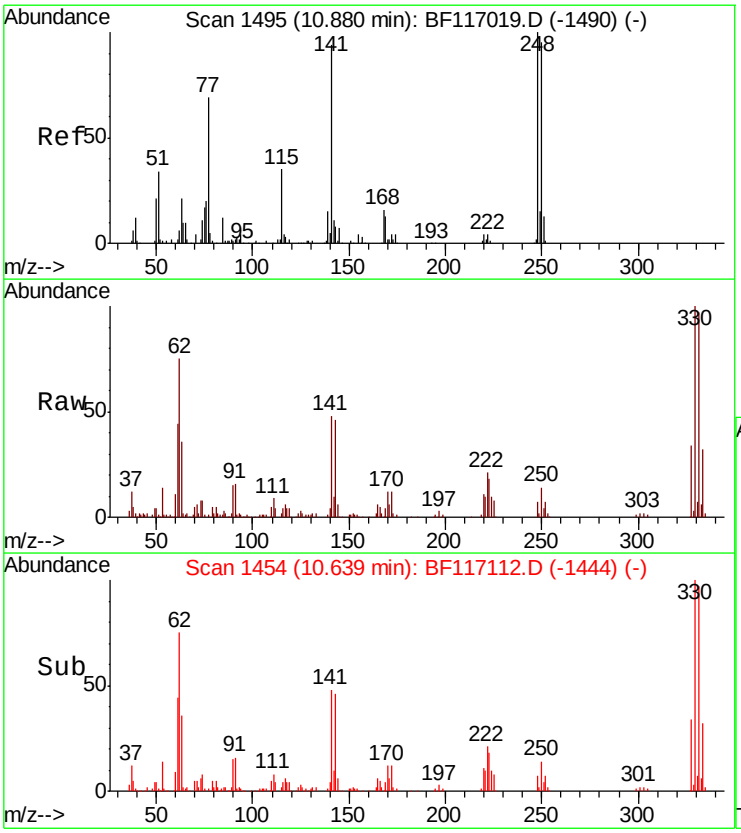
#65
4,6-Dinitro-2-methylphenol
Concen: 7.215 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.19 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 317

Ion	Ratio	Lower	Upper
198	100		
51	114.9	18.7	58.7#
105	131.5	30.2	70.2#

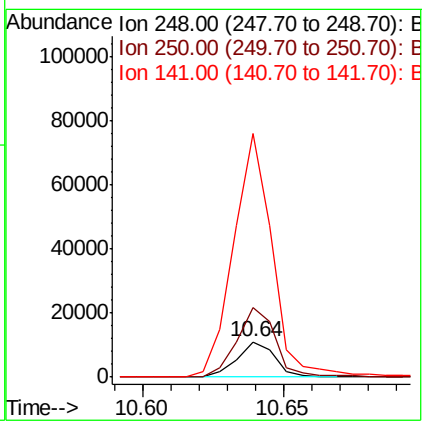


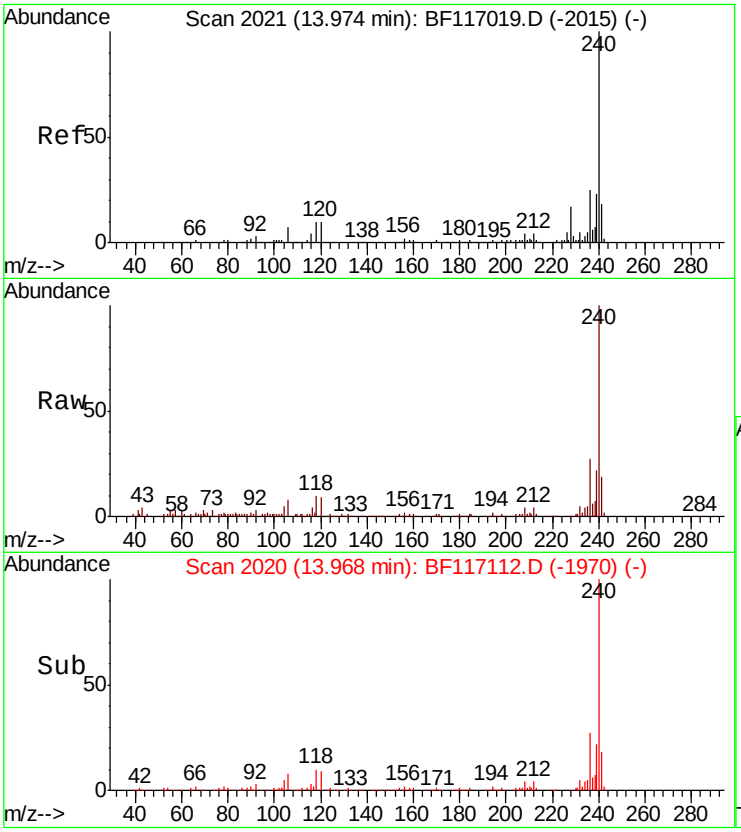


#67
4-Bromophenyl-phenylether
Concen: 5.221 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Tgt Ion:248 Resp: 10141

Ion	Ratio	Lower	Upper
248	100		
250	196.9	76.2	114.4#
141	688.1	75.0	112.4#



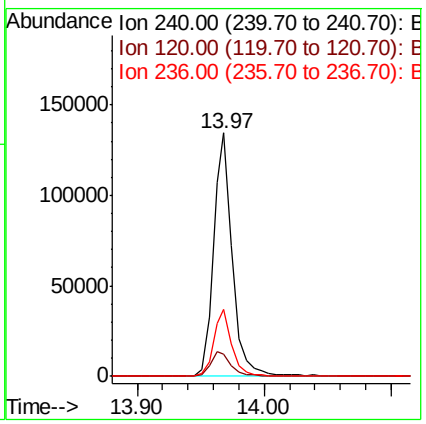


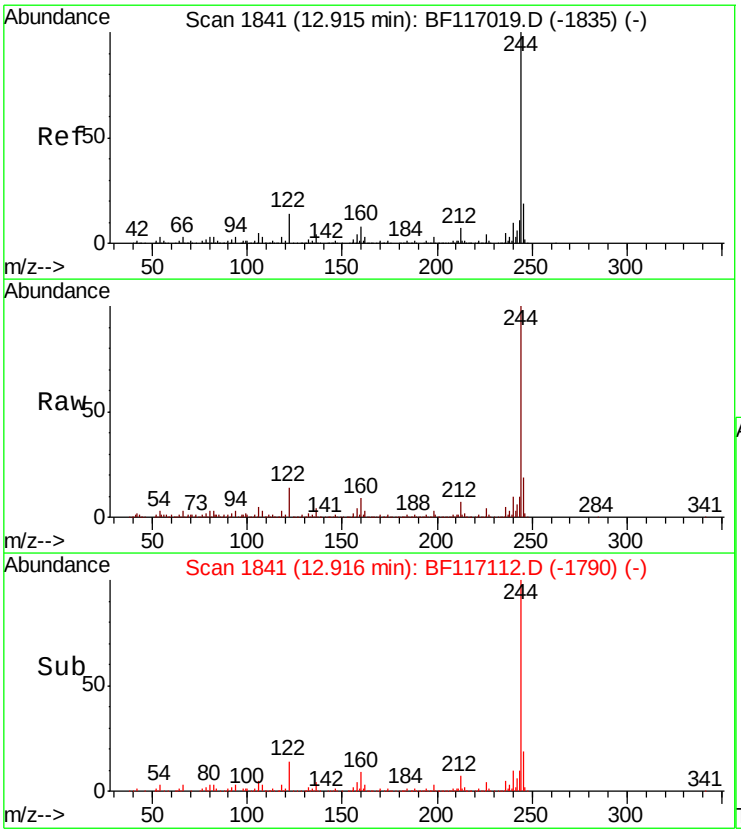
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 139069

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	27.3	20.3	30.5

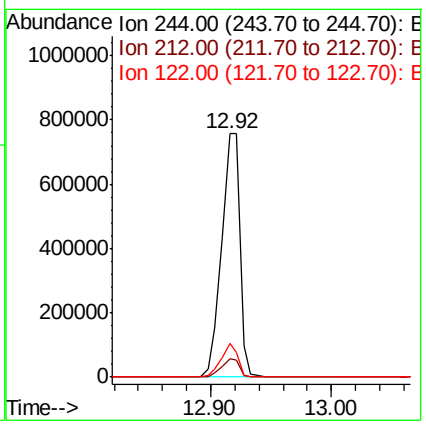


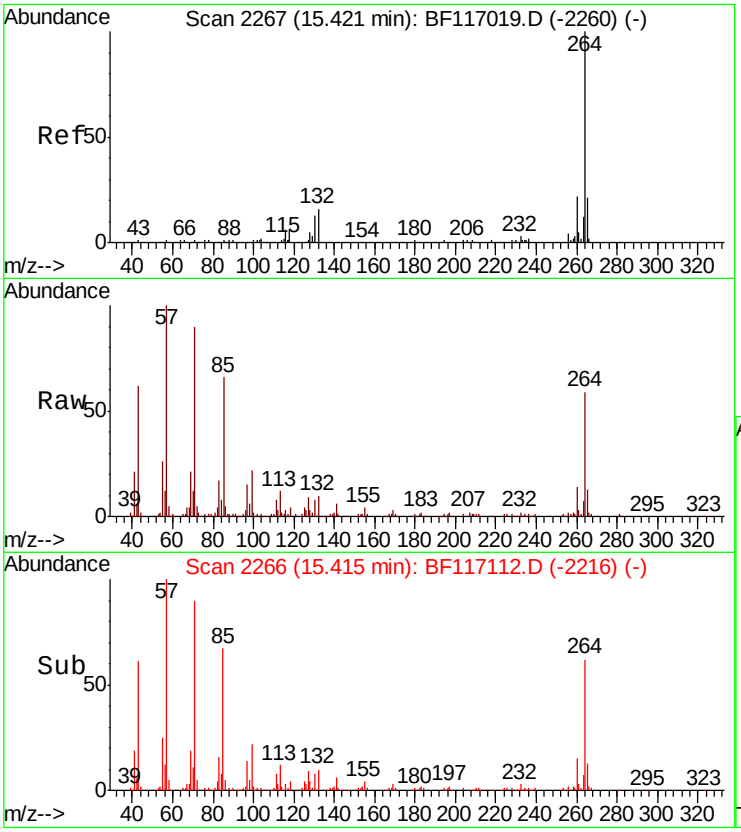


#79
Terphenyl-d14
Concen: 106.535 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Tgt Ion:244 Resp: 792615

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.7	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117112.D
Acq: 17 Sep 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 119740

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.6	26.4
265	21.3	16.6	24.8