Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117159.D
Acq On : 18 Sep 2019 21:47
Operator : HP/JU
Sample : K4942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 05:16:26 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	75915	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	294483	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	148137	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	242126	20.00	ng	0.00
76) Chrysene-d12	13.97	240	173592	20.00	ng	0.00
87) Perylene-d12	15.42	264	166359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	556423	114.43	ng	0.02
7) Phenol-d6	6.46	99	657645	104.65	ng	0.00
23) Nitrobenzene-d5	7.39	82	539799	96.31	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	176211	142.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	913648	96.43	ng	0.00
79) Terphenyl-d14	12.91	244	892475	96.10	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	924	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.39	70	68976	18.026	ng	# 78
25) Isophorone	7.39	82	540212	54.437	ng	# 66
50) Dimethylphthalate	9.57	163	69468	6.623	ng	99
51) 2,6-Dinitrotoluene	9.85	165	18526	8.672	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	18527	6.681	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.63	198	257	7.102	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	11865	4.798	ng	# 1
77) Benzidine	12.91	184	12452	2.227	ng	# 94

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

Quantitation Report (Not Reviewed)

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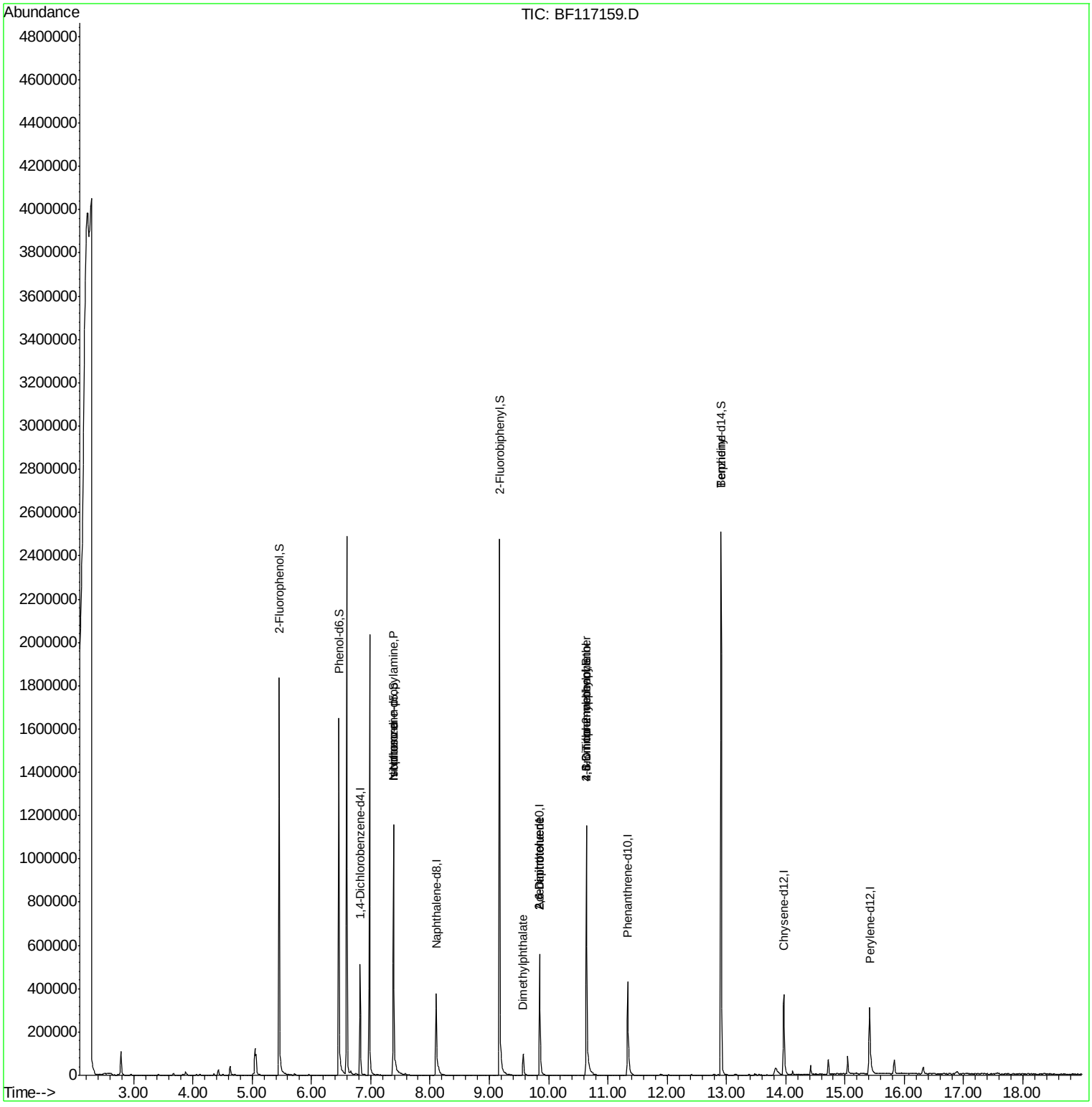
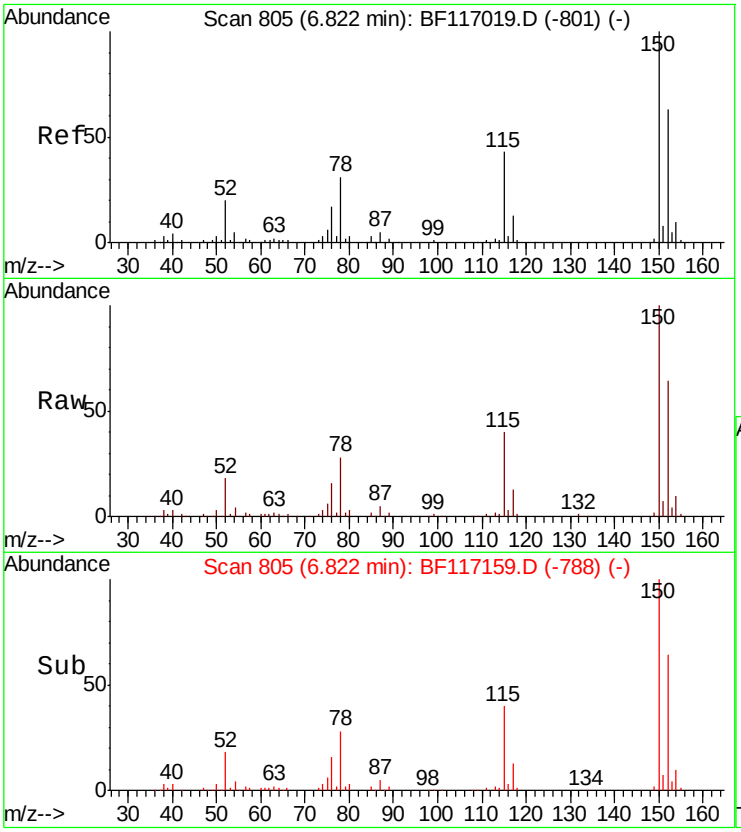
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



8270-BF091319.M Thu Sep 19 05:11:17 2019 Page: 2

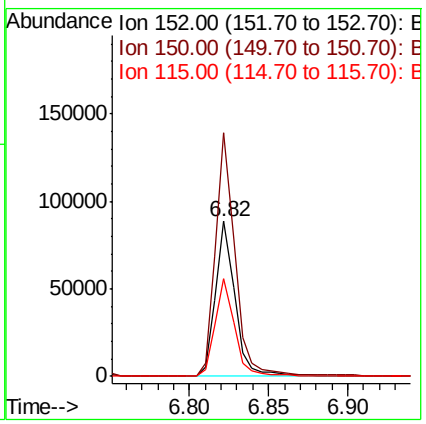


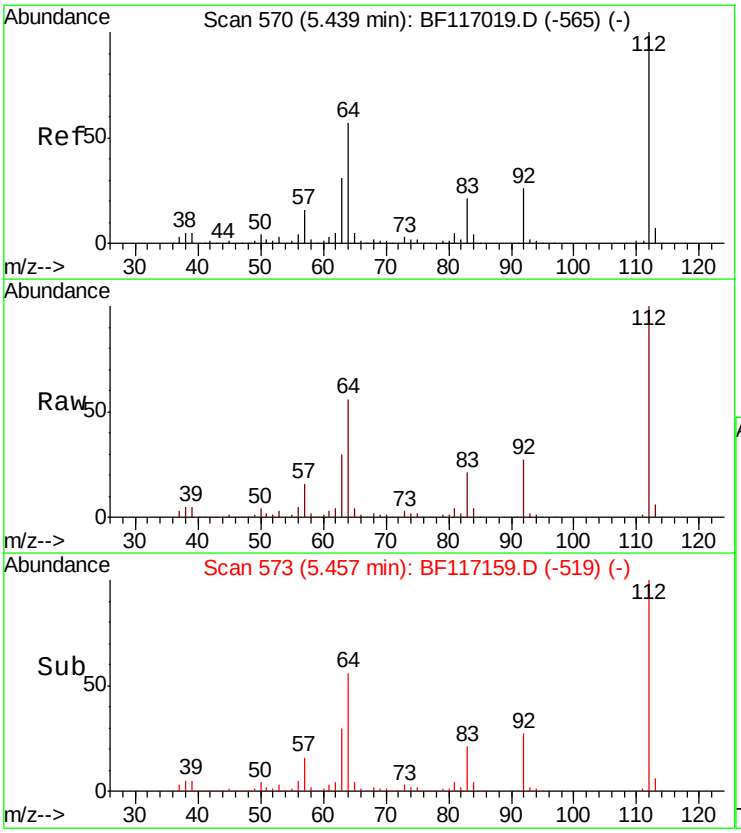
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 75915

Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.5	191.3
115	63.4	55.0	82.4

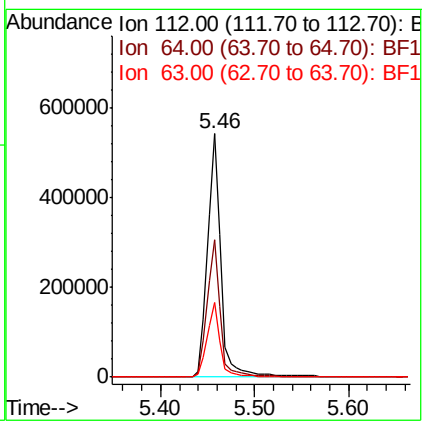


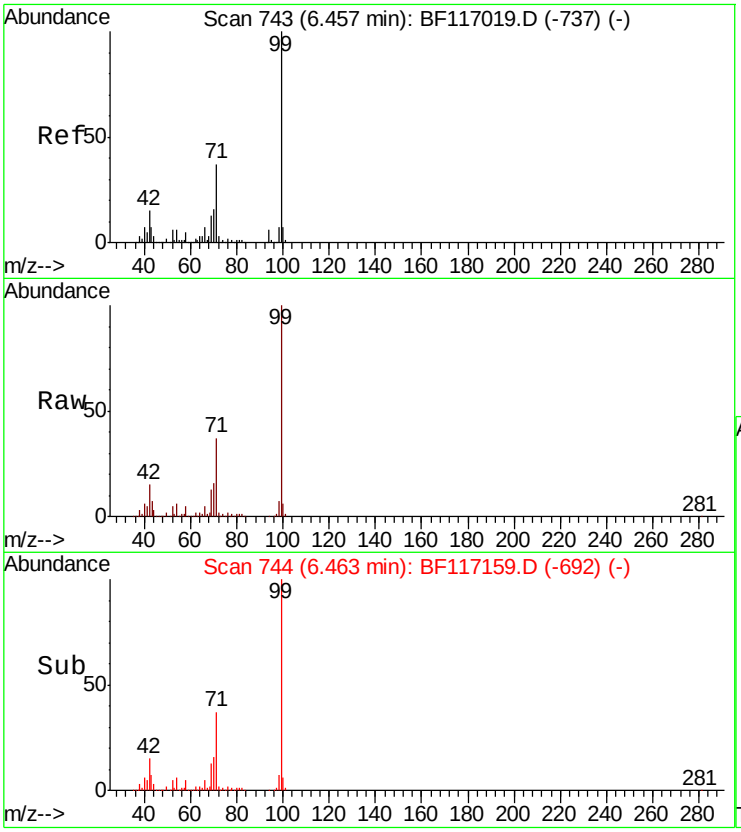


#5
2-Fluorophenol
Concen: 114.432 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Tgt Ion:112 Resp: 556423

Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.7	68.5
63	30.4	24.9	37.3



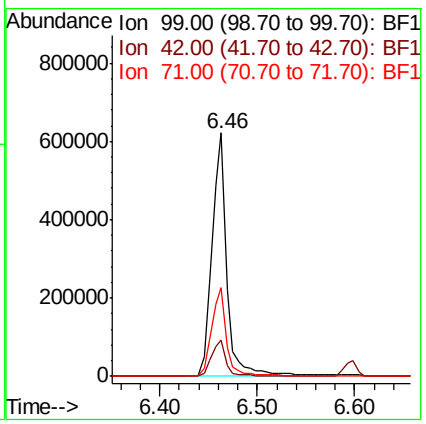


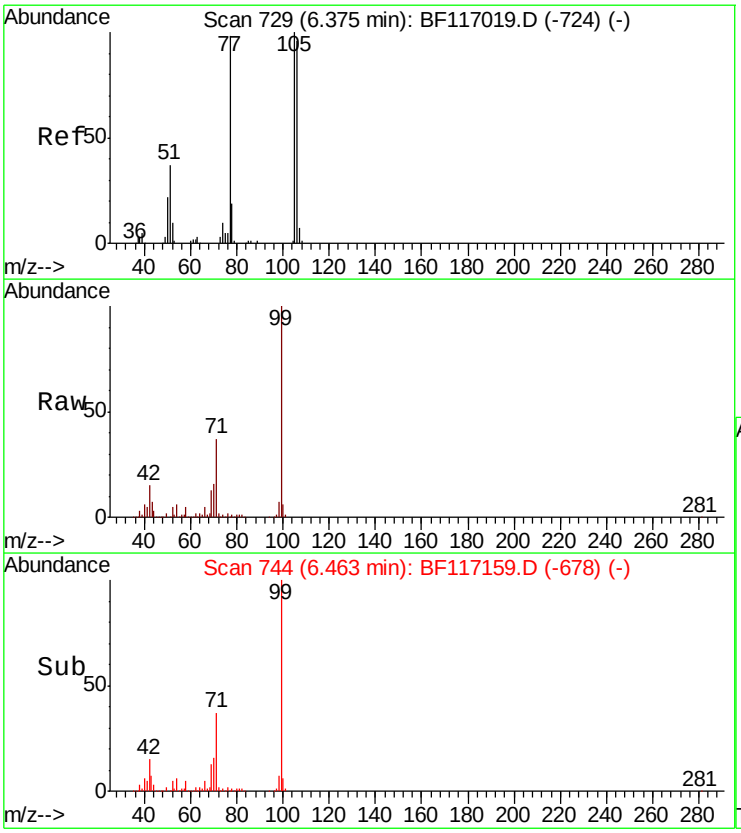
#7
Phenol-d6
Concen: 104.653 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 657645

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.2	18.2
71	36.6	29.8	44.8

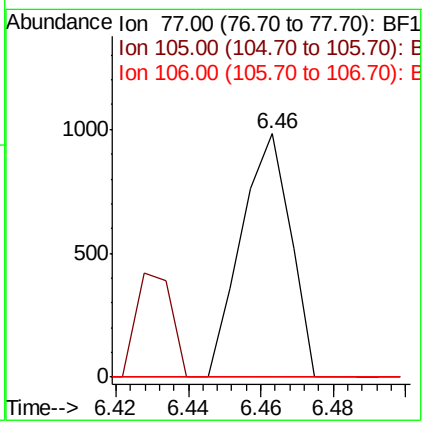


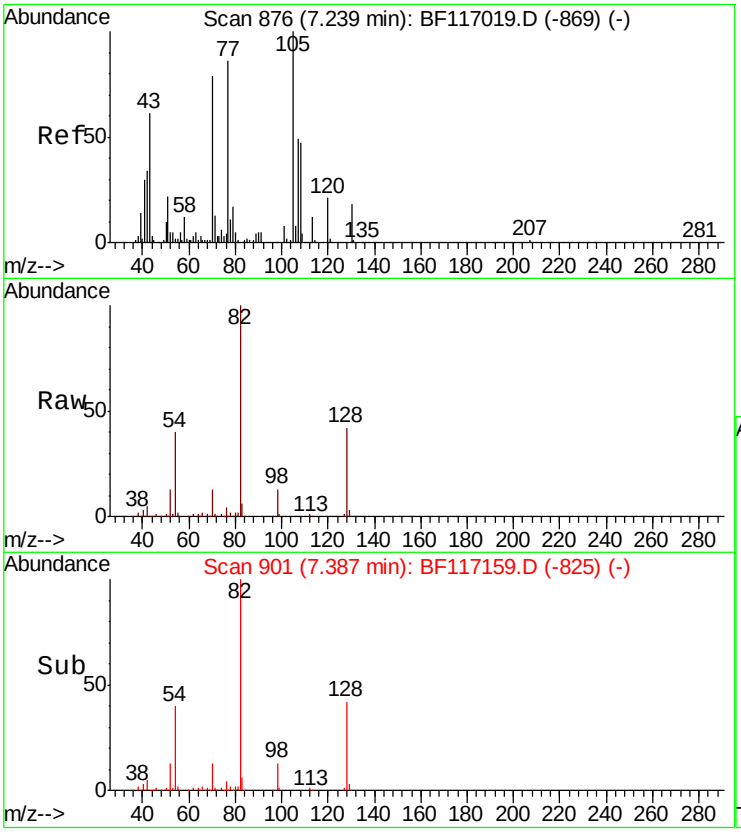


#9
Benzaldehyde
Concen: Below Cal
RT: 6.46 min Scan# 744
Delta R.T. 0.09 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Tgt Ion: 77 Resp: 924

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



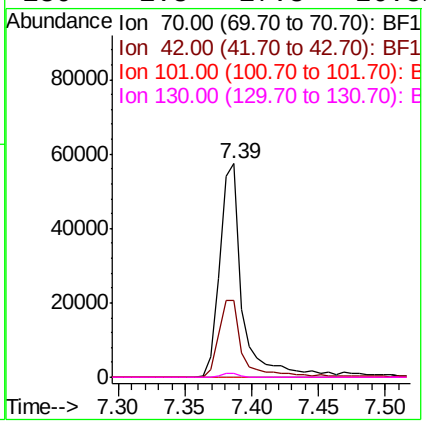


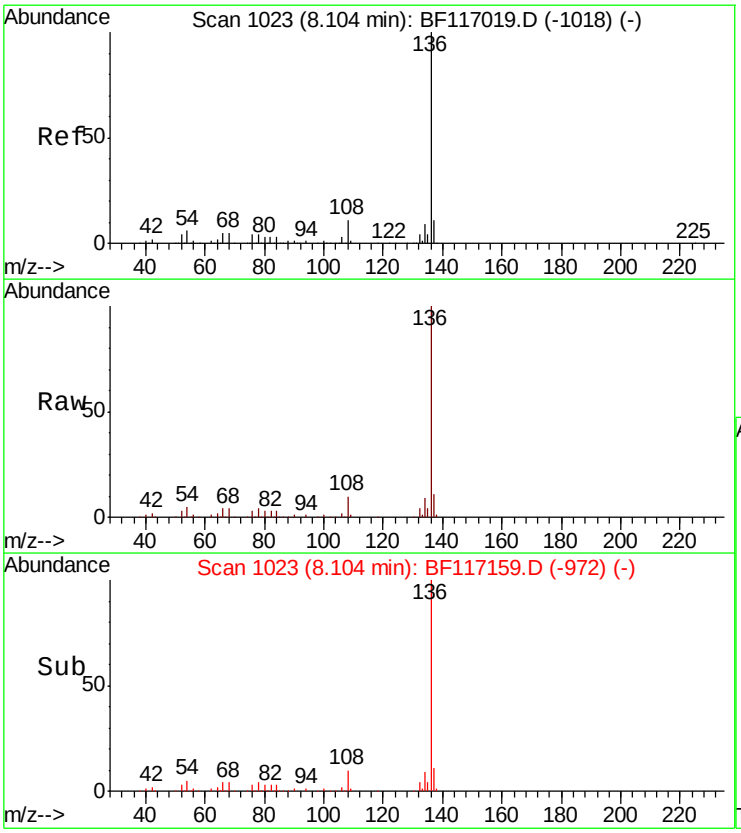
#19
n-Nitroso-di-n-propylamine
Concen: 18.026 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 68976

Ion	Ratio	Lower	Upper
70	100		
42	35.7	34.0	51.0
101	0.0	7.8	11.6#
130	1.8	17.8	26.8#

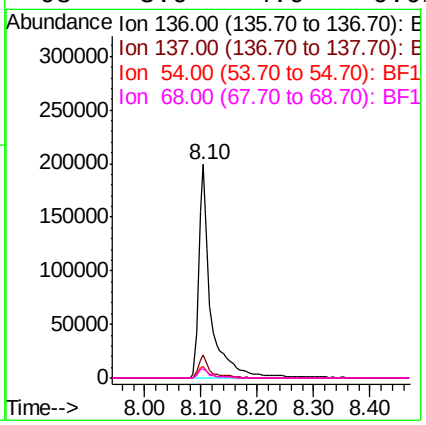


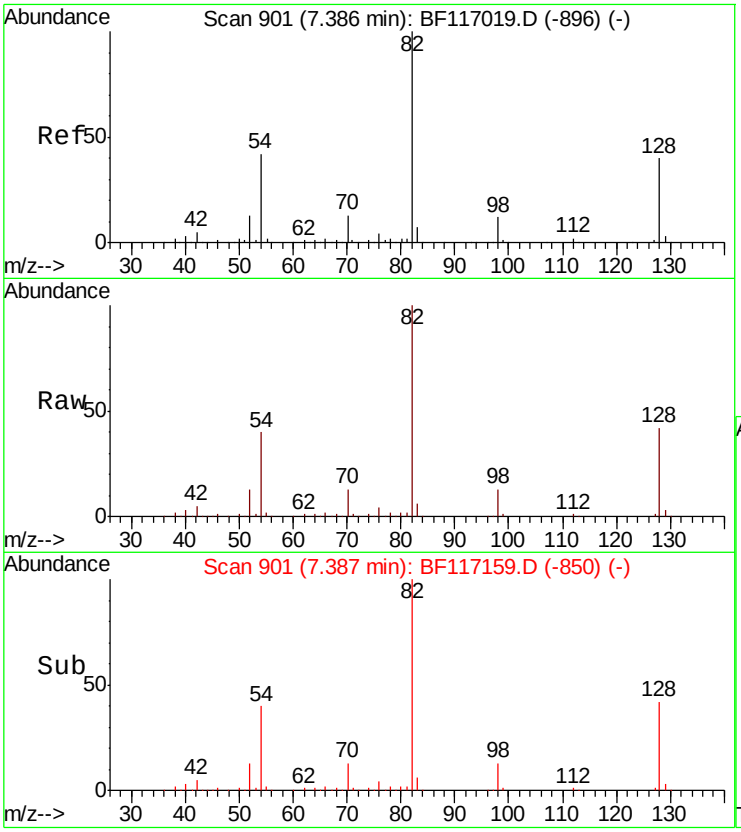


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Tgt Ion:136 Resp: 294483

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.1	4.5	6.7
68	3.9	4.0	6.0#



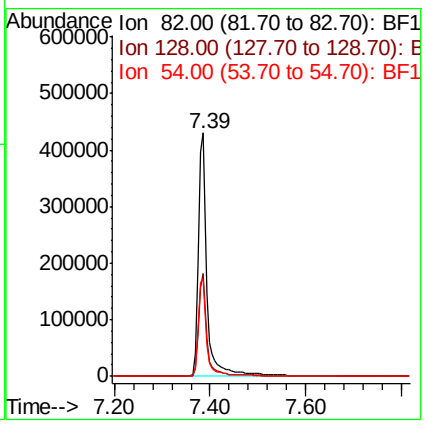


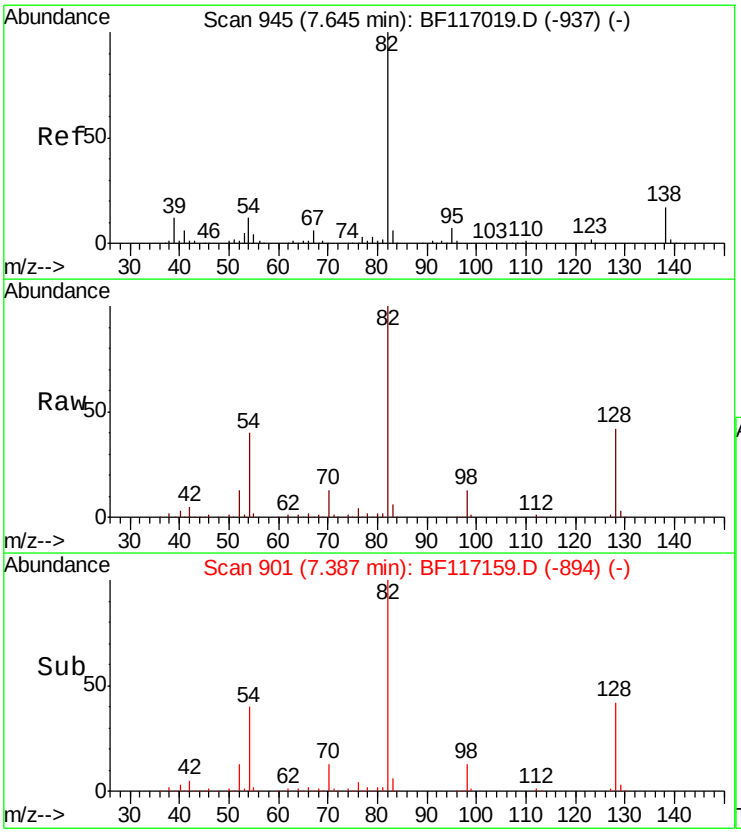
#23
Nitrobenzene-d5
Concen: 96.312 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 539799

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.3	48.5
54	40.1	33.3	49.9

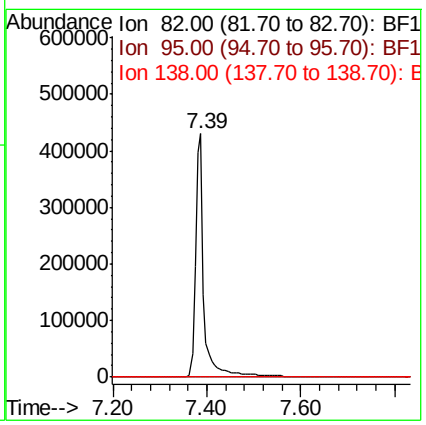


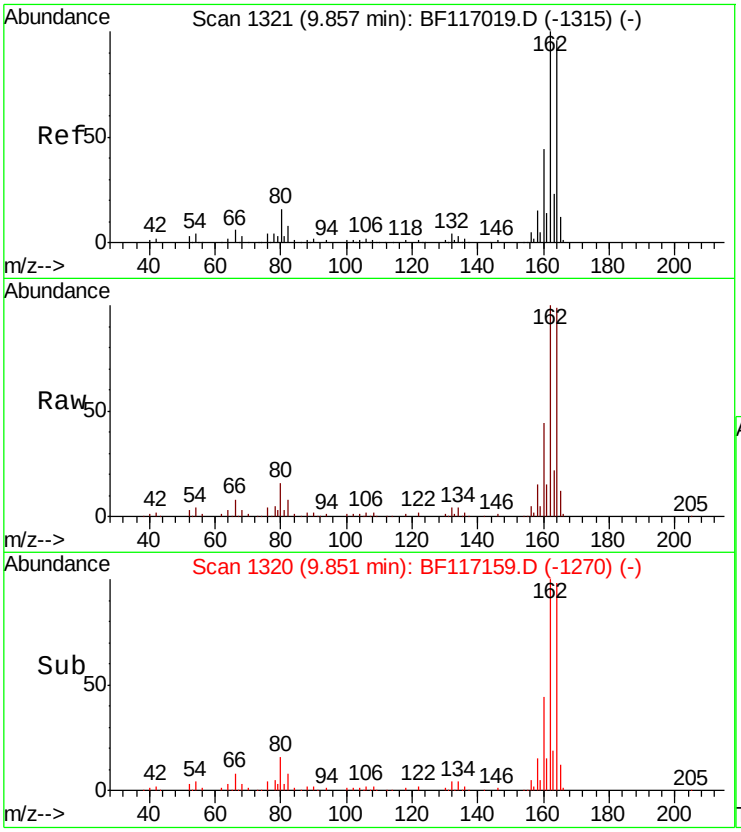


#25
Isophorone
Concen: 54.437 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Tgt Ion: 82 Resp: 540212

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



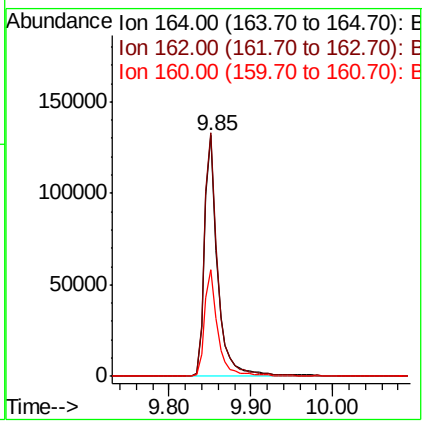


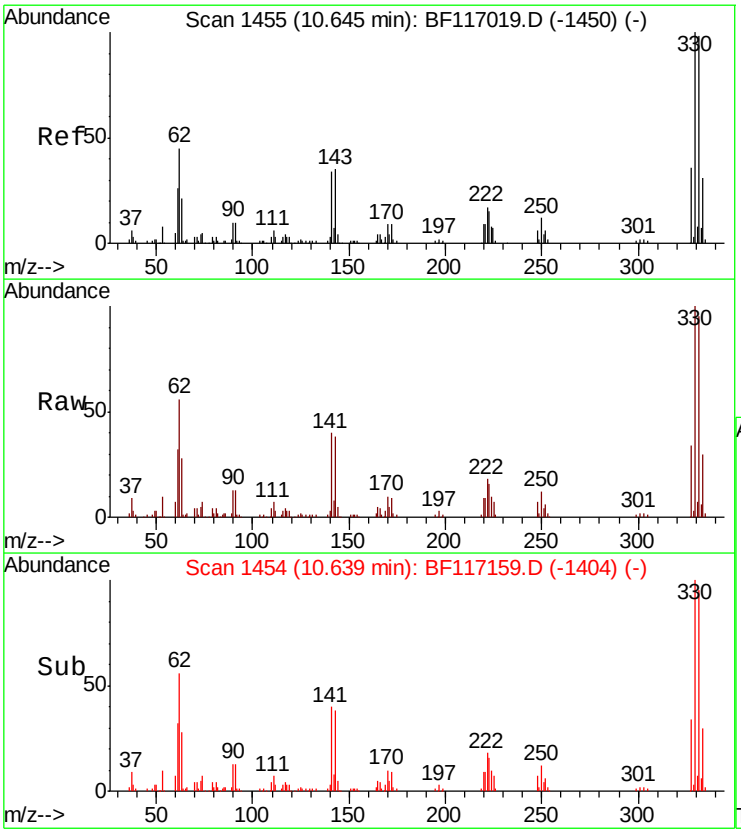
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 148137

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.4	125.2
160	44.6	36.4	54.6

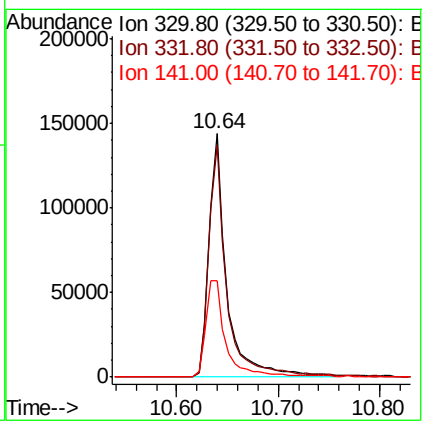


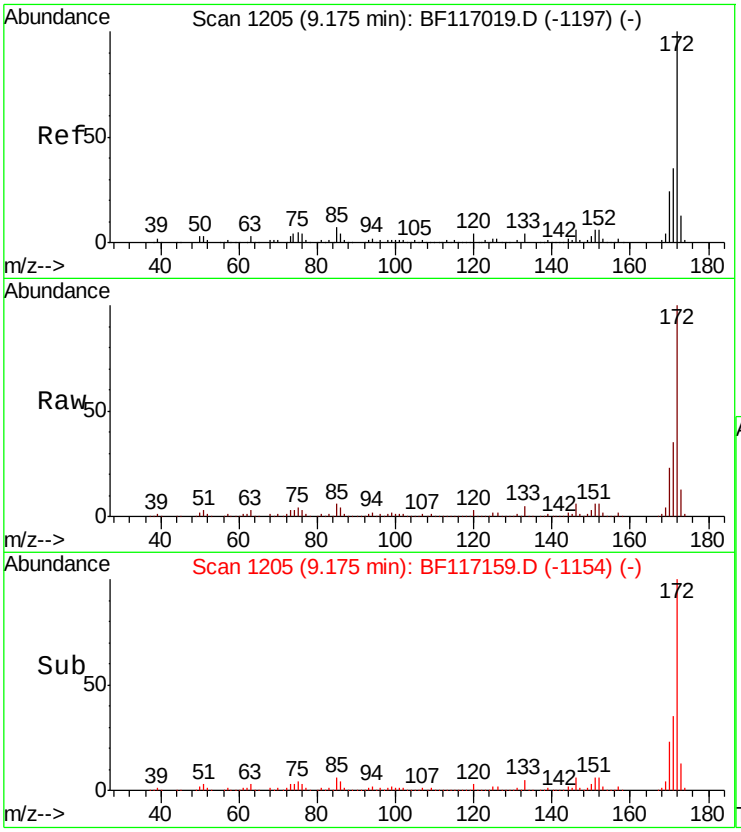


#42
2,4,6-Tribromophenol
Concen: 142.325 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Tgt Ion:330 Resp: 176211

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.0	117.0
141	44.9	35.8	53.6



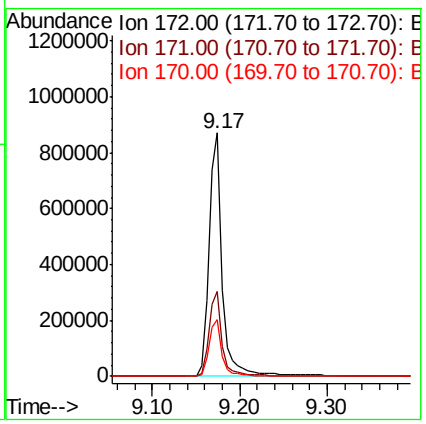


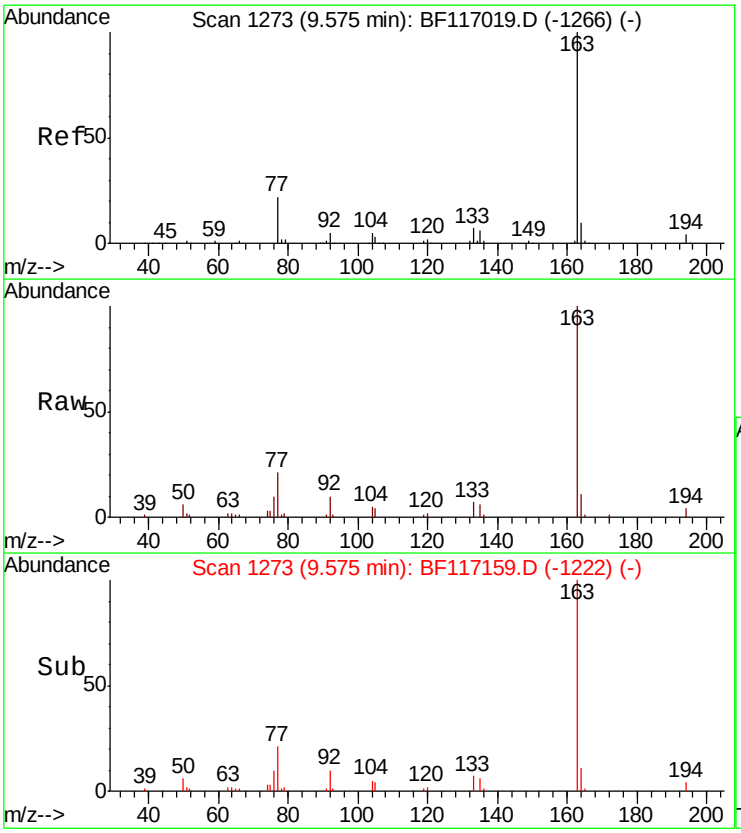
#45
2-Fluorobiphenyl
Concen: 96.435 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 913648

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.3	18.9	28.3

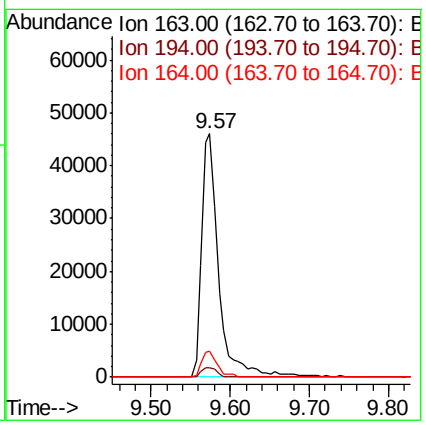


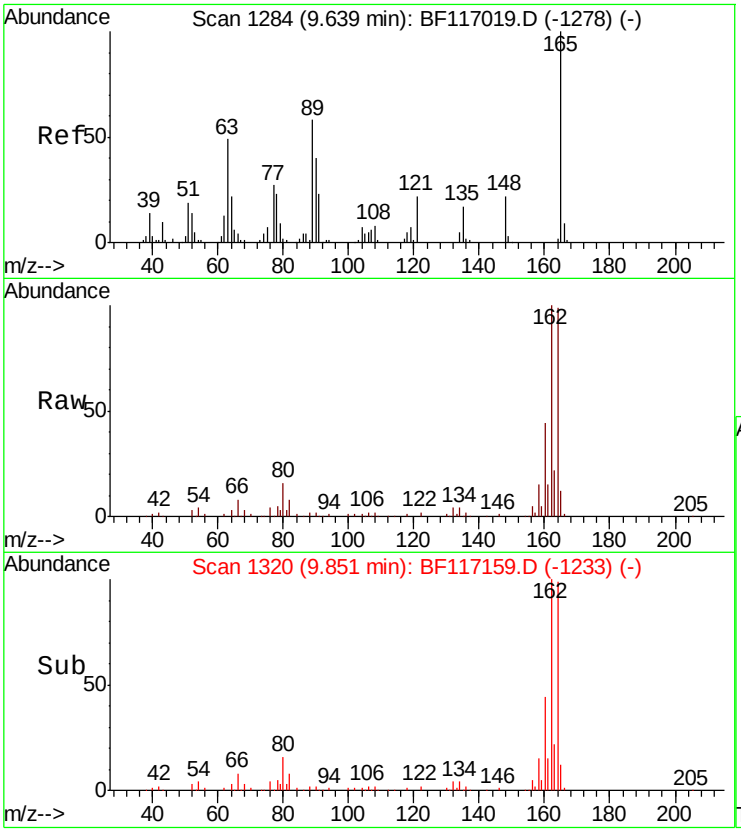


#50
Dimethylphthalate
Concen: 6.623 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Tgt Ion:163 Resp: 69468

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.7	8.2	12.4



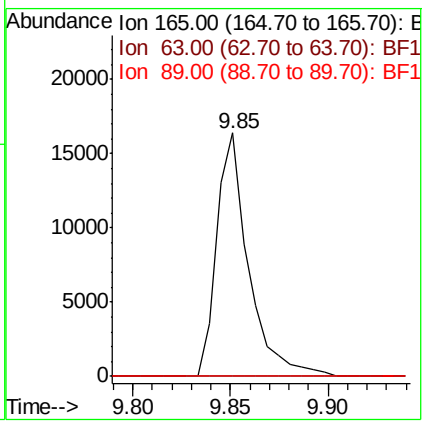


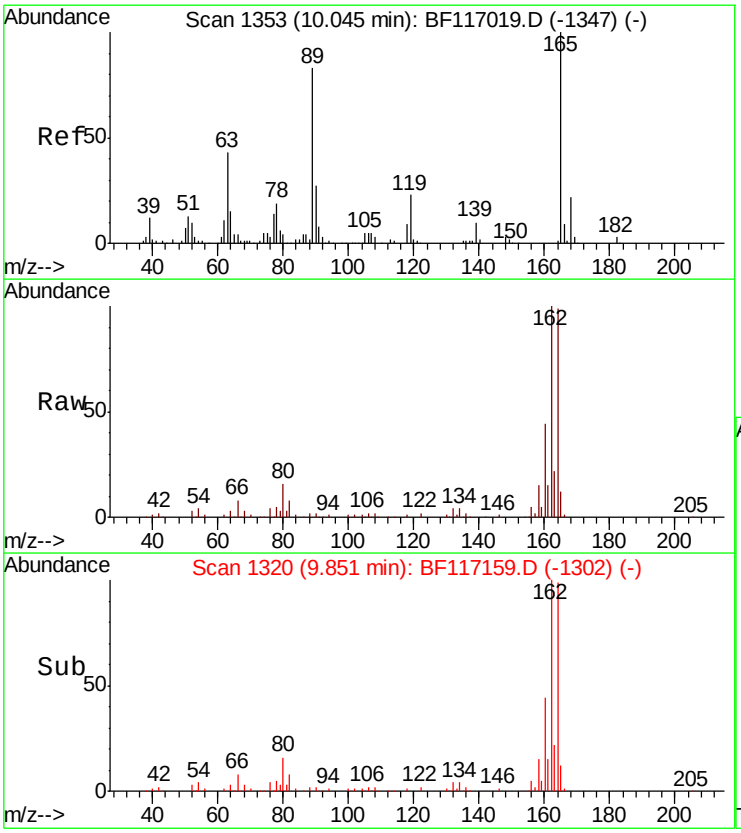
#51
2,6-Dinitrotoluene
Concen: 8.672 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18526

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

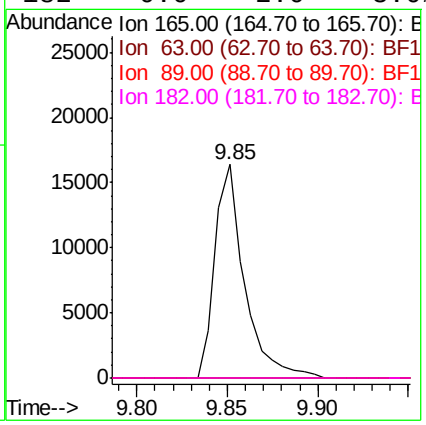


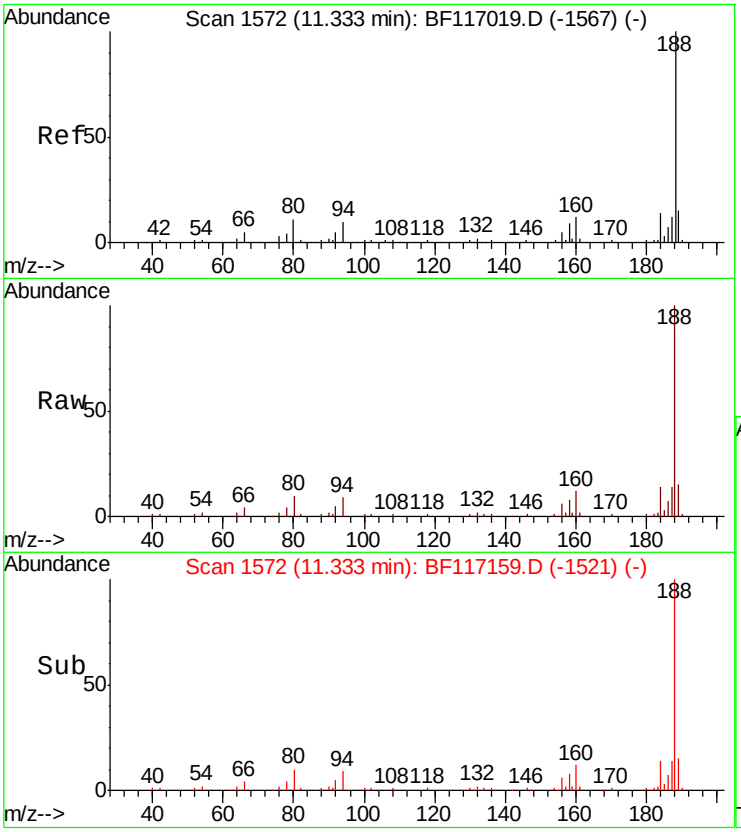


#57
2,4-Dinitrotoluene
Concen: 6.681 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Tgt Ion:165 Resp: 18527

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



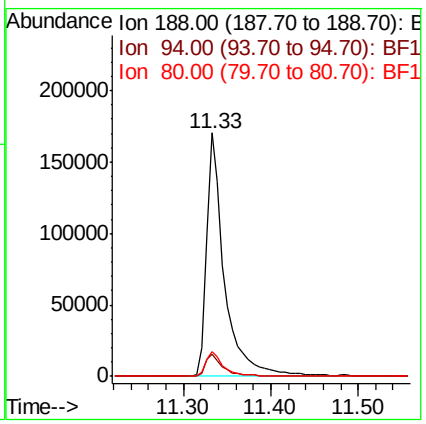


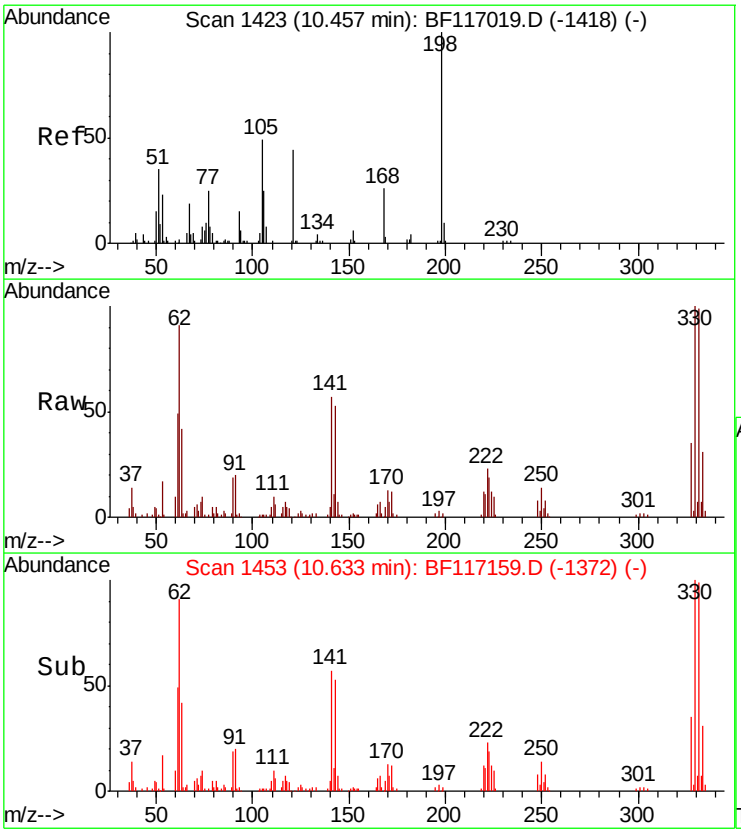
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 242126

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	10.4	9.0	13.6

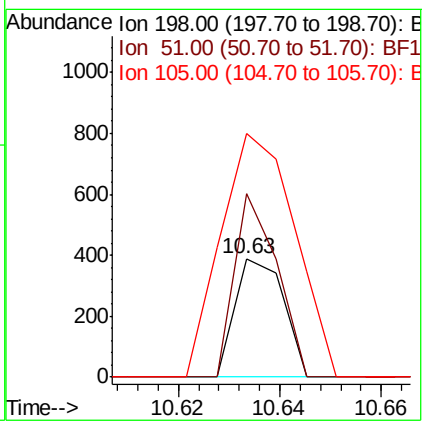


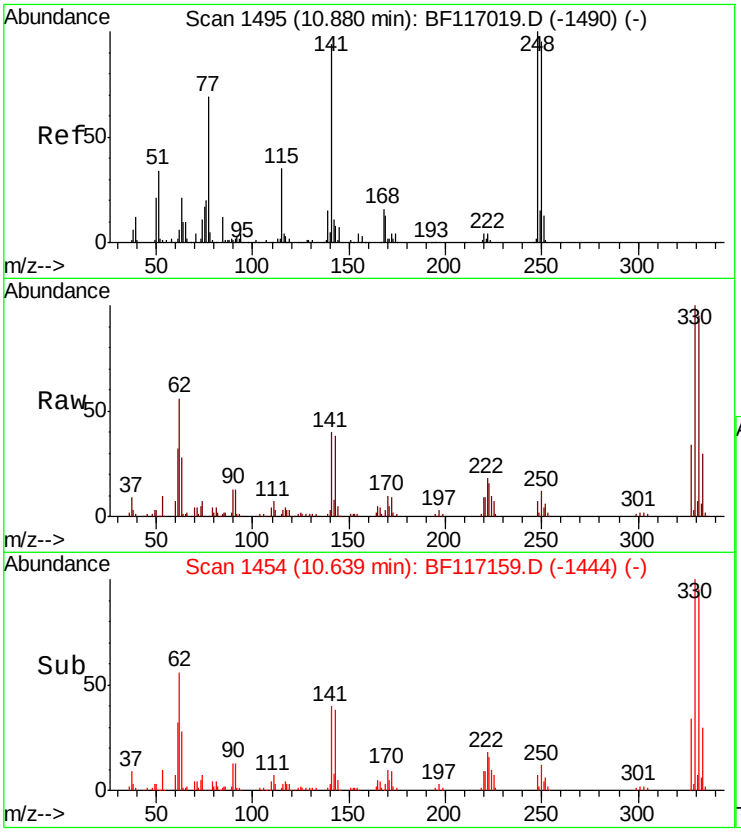


#65
4,6-Dinitro-2-methylphenol
Concen: 7.102 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Tgt Ion:198 Resp: 257

Ion	Ratio	Lower	Upper
198	100		
51	154.8	18.7	58.7#
105	205.4	30.2	70.2#



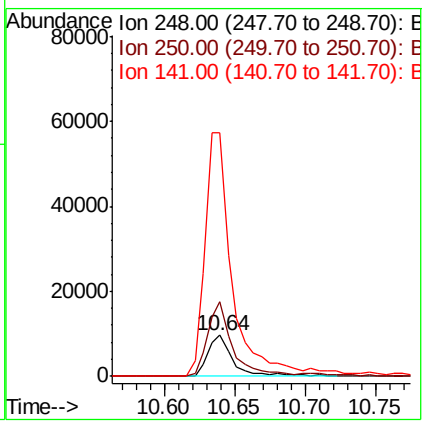


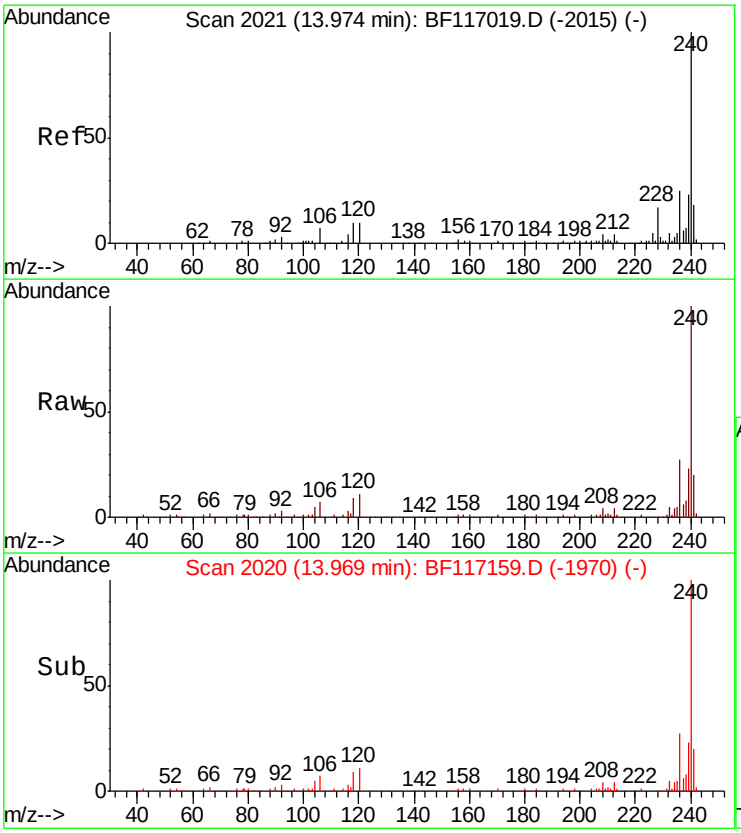
#67
4-Bromophenyl-phenylether
Concen: 4.798 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11865

Ion	Ratio	Lower	Upper
248	100		
250	183.3	76.2	114.4#
141	596.3	75.0	112.4#

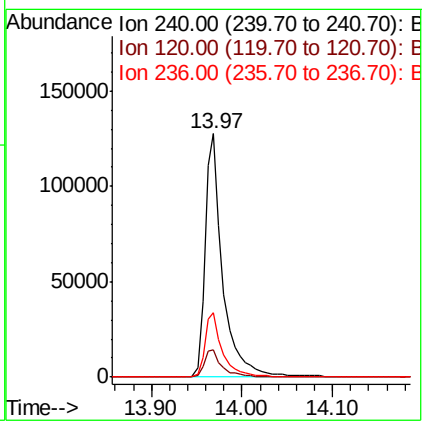


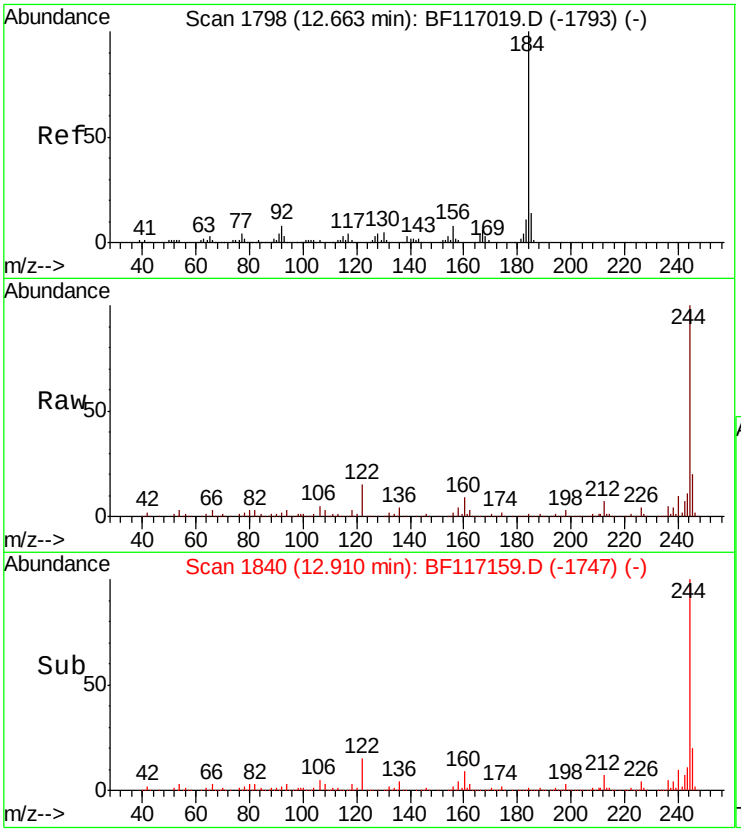


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Tgt Ion:240 Resp: 173592

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	26.6	20.3	30.5



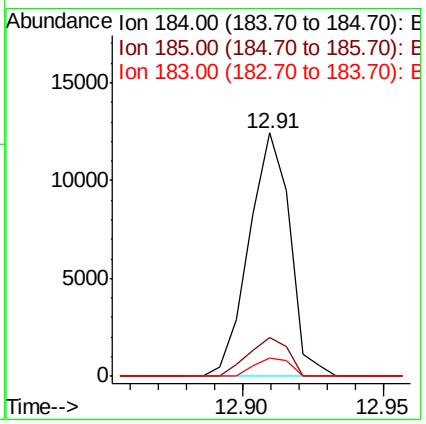


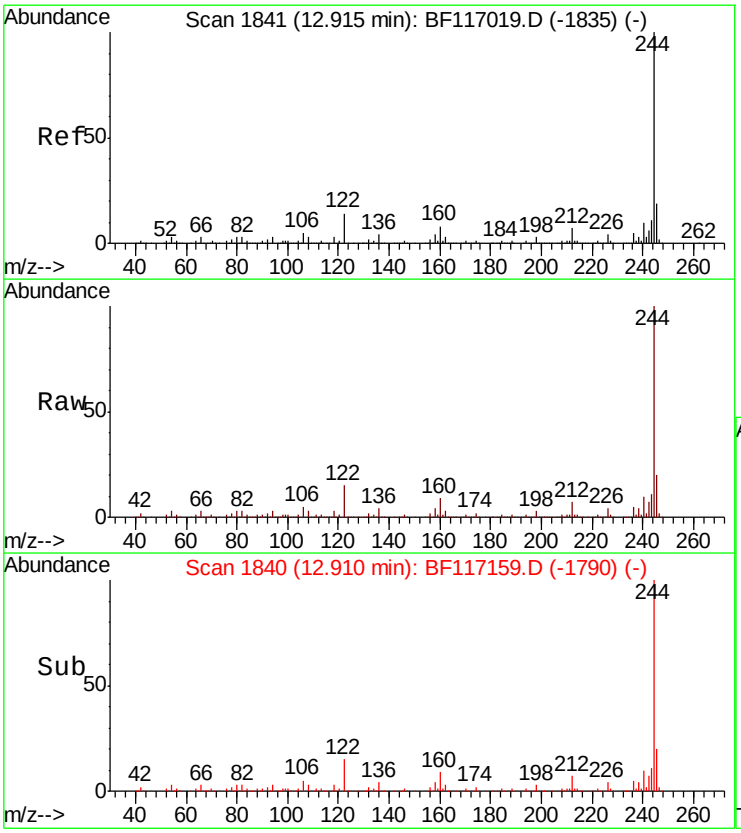
#77
Benzidine
Concen: 2.227 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.25 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 12452

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.6	17.4
183	7.7	9.0	13.4#

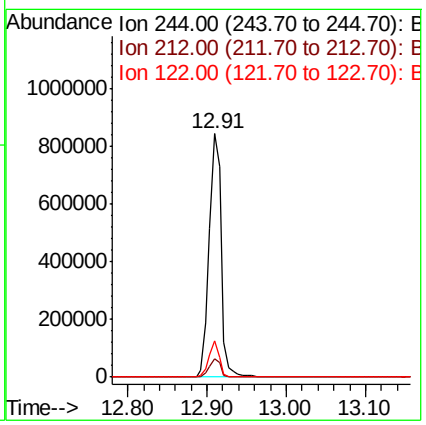


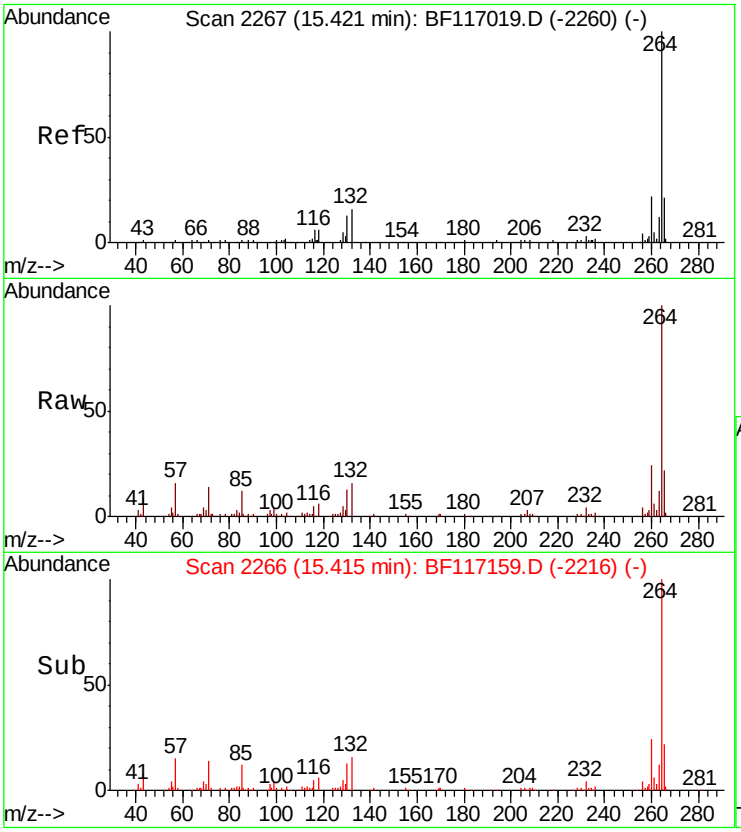


#79
Terphenyl-d14
Concen: 96.101 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117159.D
Acq: 18 Sep 2019 21:47

Tgt Ion:244 Resp: 892475

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	14.6	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: BF117159.D
Acq: 18 Sep 2019 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 166359

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.6	26.4
265	21.5	16.6	24.8