Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117036.D
Acq On : 13 Sep 2019 21:32
Operator : HP/JU
Sample : K4848-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-139-C

Quant Time: Sep 14 00:19:38 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	70836	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	282764	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	149943	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	247917	20.00	ng	0.00
76) Chrysene-d12	13.96	240	189730	20.00	ng	-0.01
87) Perylene-d12	15.41	264	165451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	255671	56.35	ng	0.00
7) Phenol-d6	6.45	99	225837	38.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	510342	94.83	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	183892	146.74	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	913229	95.23	ng	0.00
79) Terphenyl-d14	12.92	244	922934	90.93	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	12159	Below Cal	#	78
19) n-Nitroso-di-n-propylamine	7.38	70	65764	18.419	ng	# 81
25) Isophorone	7.38	82	510337	53.558	ng	# 66
50) Dimethylphthalate	9.56	163	69085	6.507	ng	99
51) 2,6-Dinitrotoluene	9.85	165	19174	8.867	ng	# 25
57) 2,4-Dinitrotoluene	9.85	165	19174	6.831	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.64	198	367	7.180	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	11996	4.738	ng	# 1
77) Benzidine	12.92	184	13018	2.130	ng	# 96

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

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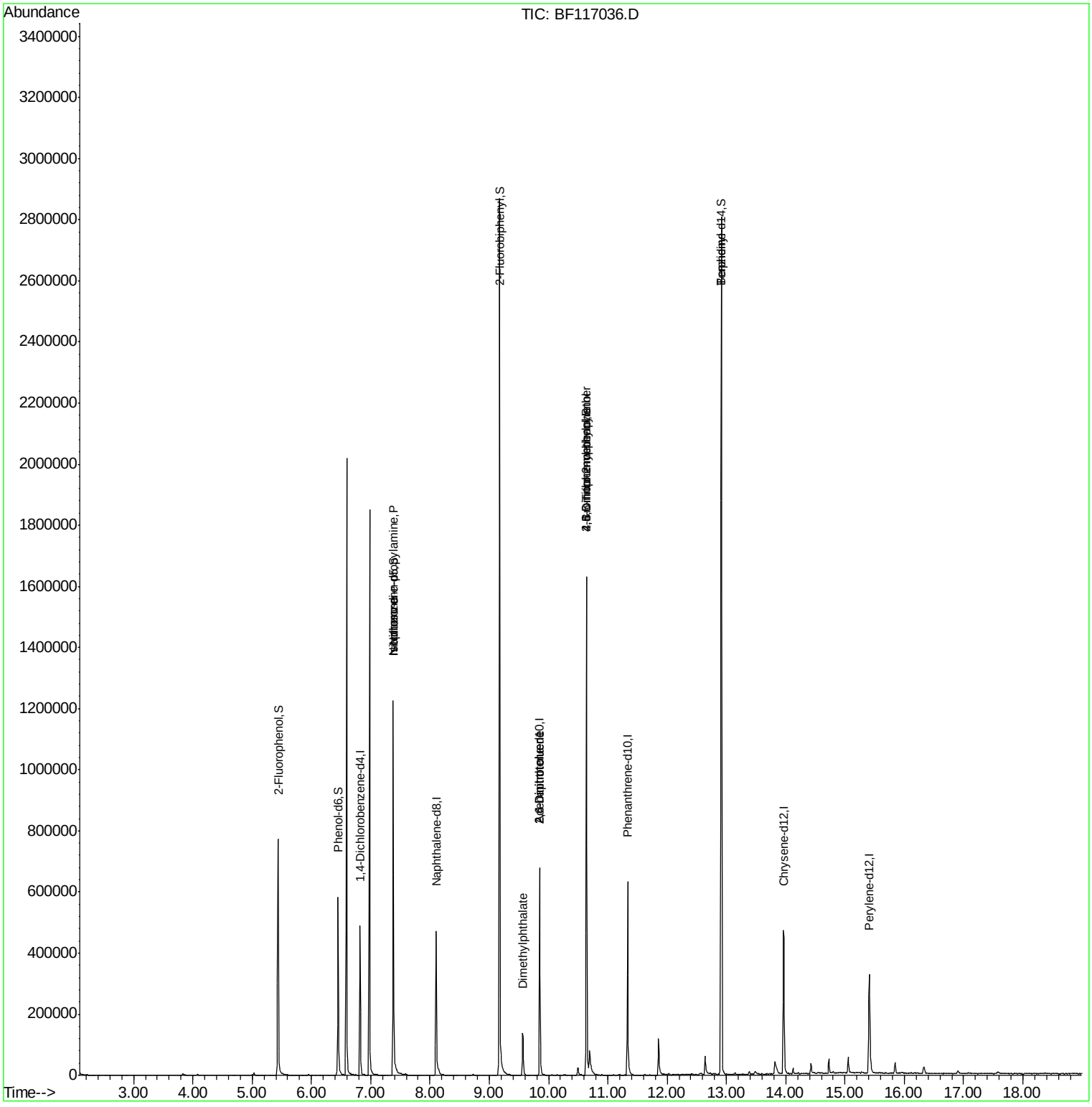
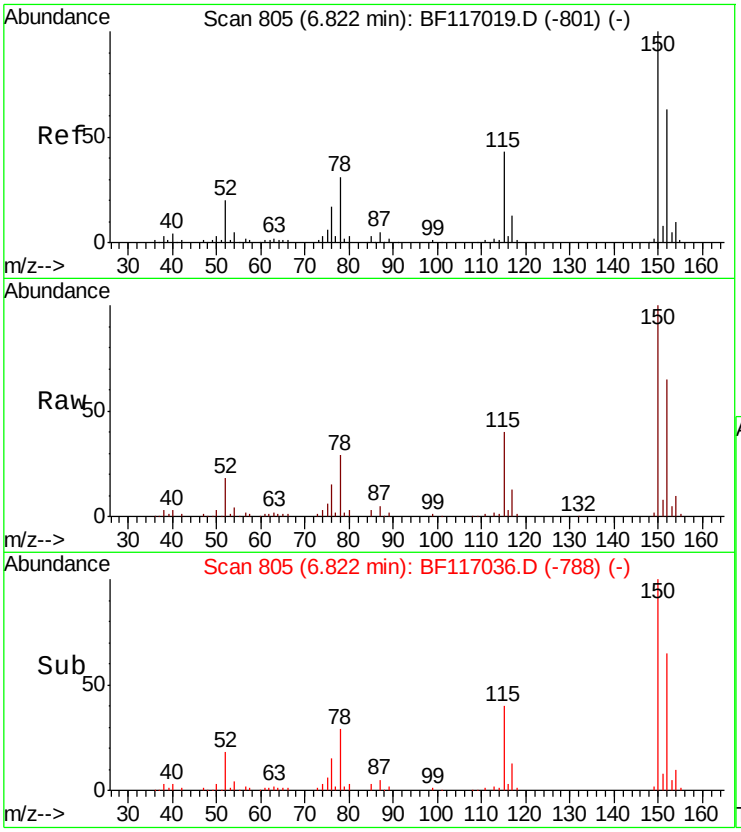


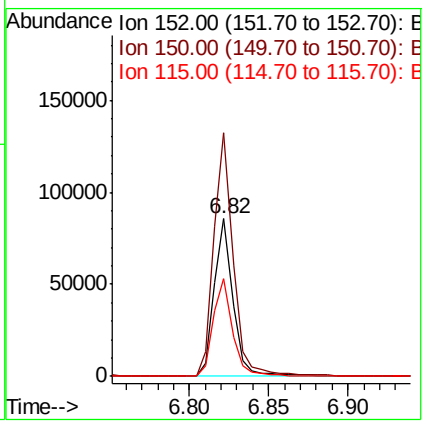


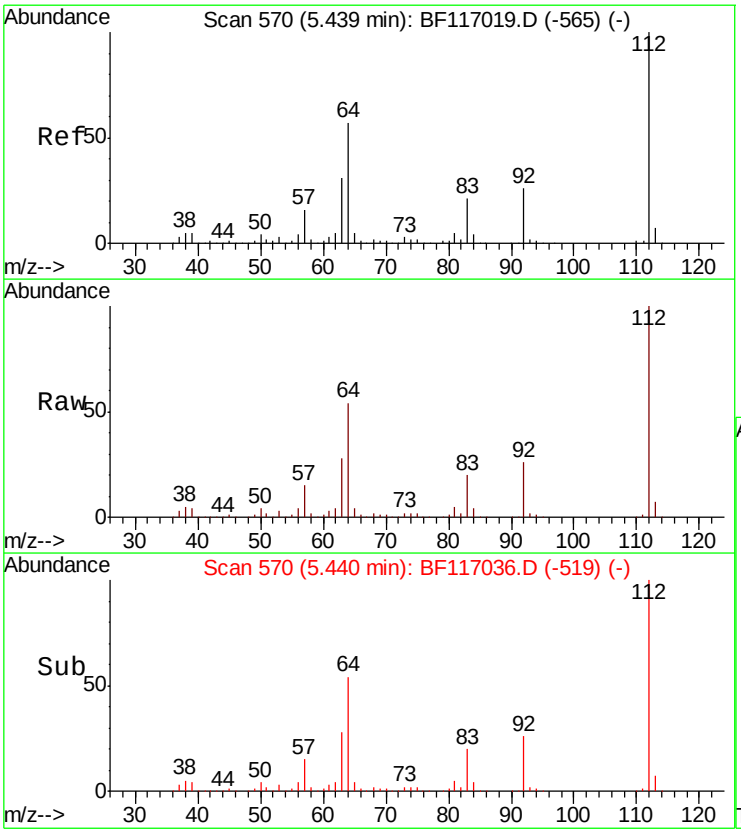
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Instrument :
BNA_F
ClientSampleId :
CBH-139-C

Tgt Ion:152 Resp: 70836

Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.5	191.3
115	61.7	55.0	82.4

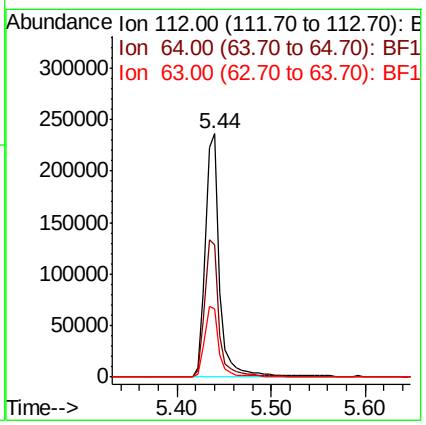


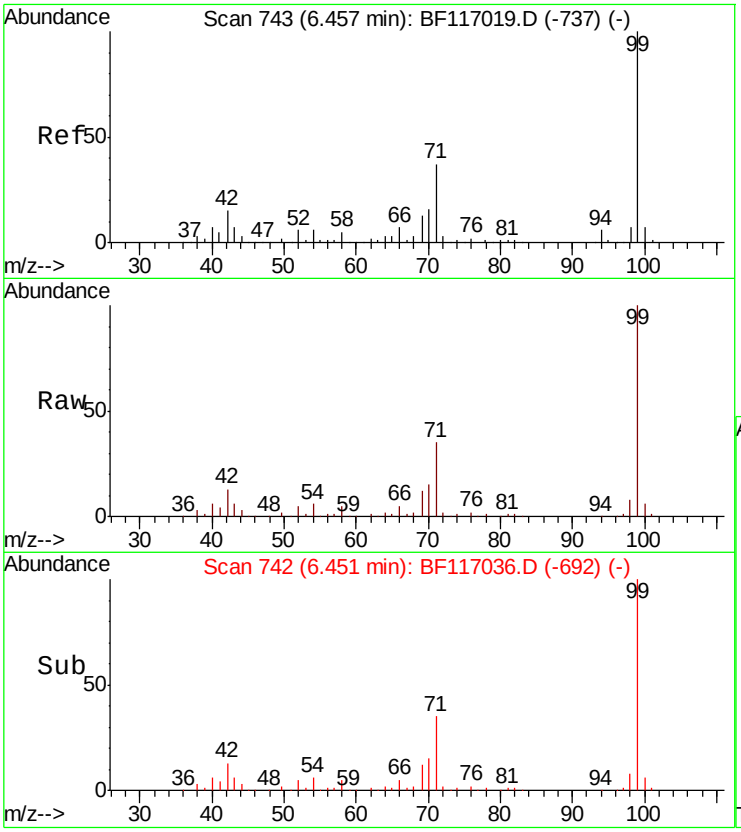


#5
2-Fluorophenol
Concen: 56.351 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Tgt Ion:112 Resp: 255671

Ion	Ratio	Lower	Upper
112	100		
64	54.3	45.7	68.5
63	28.3	24.9	37.3



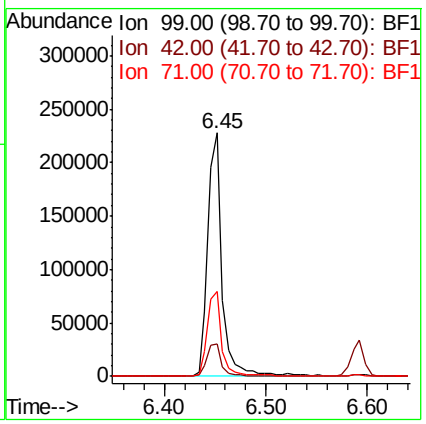


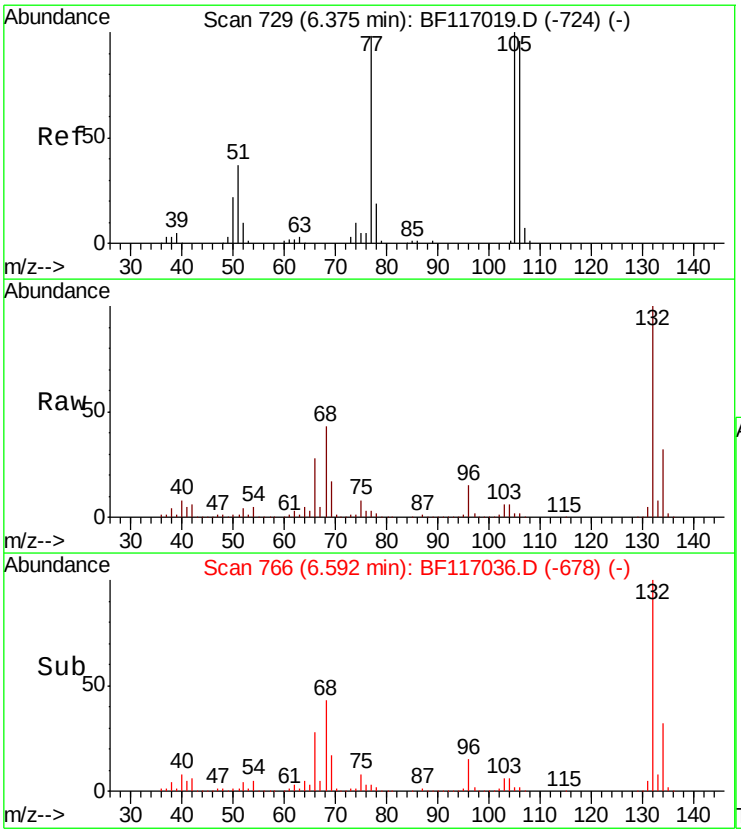
#7
Phenol-d6
Concen: 38.515 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Instrument :
BNA_F
ClientSampleId :
CBH-139-C

Tgt Ion: 99 Resp: 225837

Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.2	18.2
71	34.9	29.8	44.8

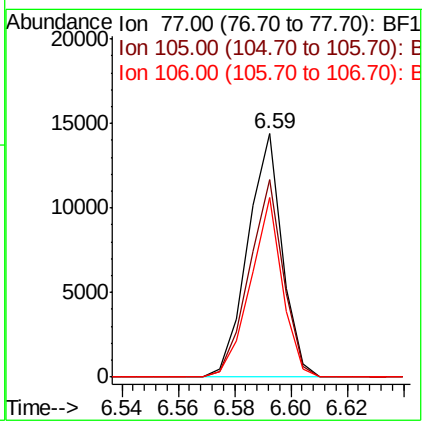


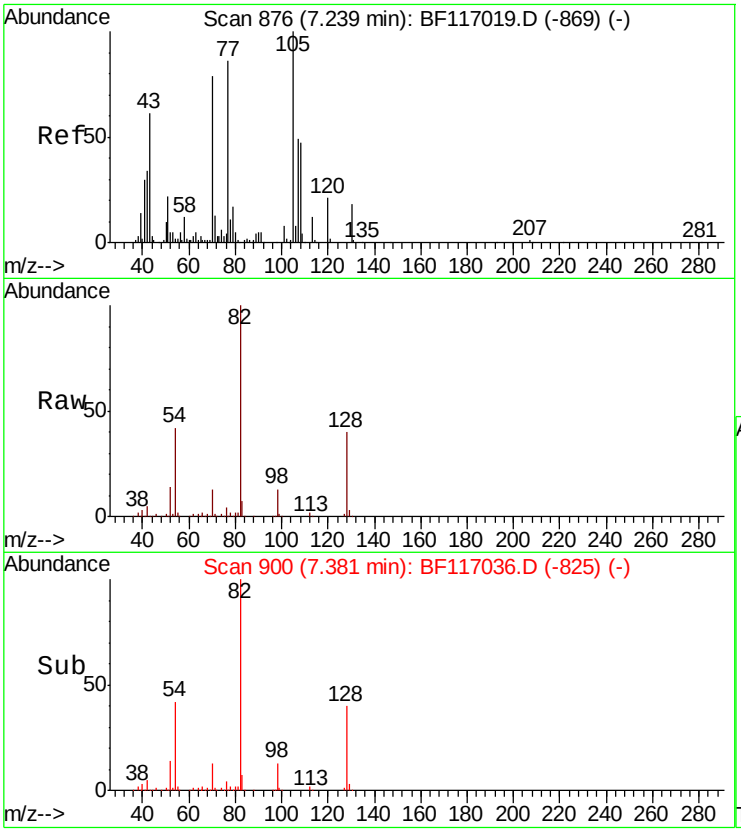


#9
Benzaldehyde
Concen: Below Cal
RT: 6.59 min Scan# 766
Delta R.T. 0.22 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Tgt Ion: 77 Resp: 12159

Ion	Ratio	Lower	Upper
77	100		
105	81.2	81.8	121.8#
106	74.0	77.3	117.3#



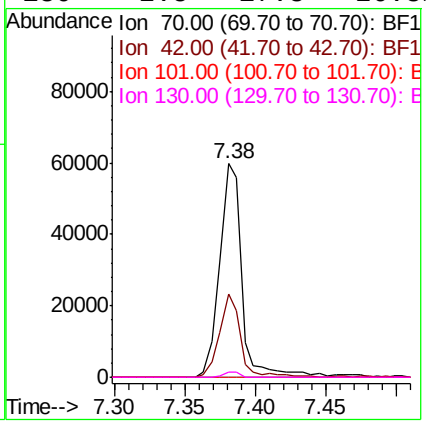


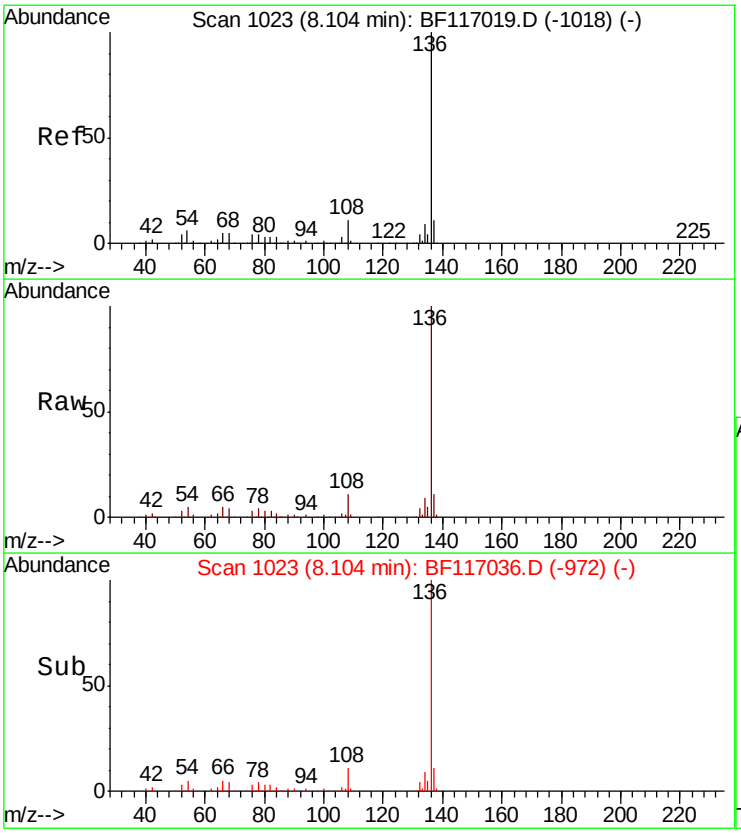
#19
n-Nitroso-di-n-propylamine
Concen: 18.419 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Instrument :
BNA_F
ClientSampleId :
CBH-139-C

Tgt Ion: 70 Resp: 65764

Ion	Ratio	Lower	Upper
70	100		
42	39.1	34.0	51.0
101	0.0	7.8	11.6#
130	2.5	17.8	26.8#

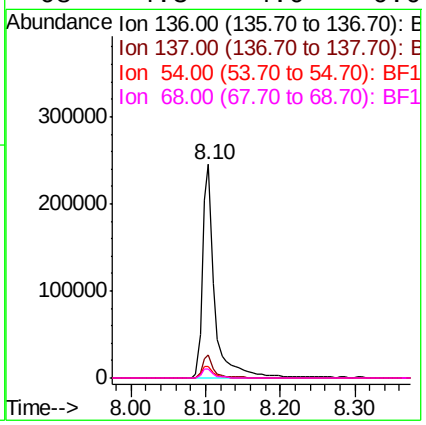


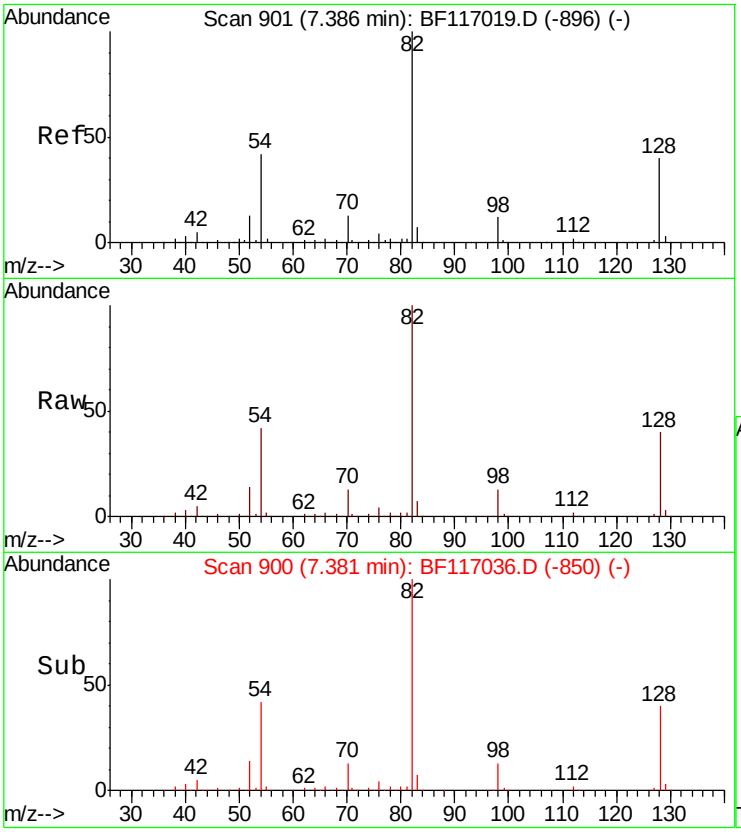


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Tgt Ion:136 Resp: 282764

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.2	4.5	6.7
68	4.3	4.0	6.0



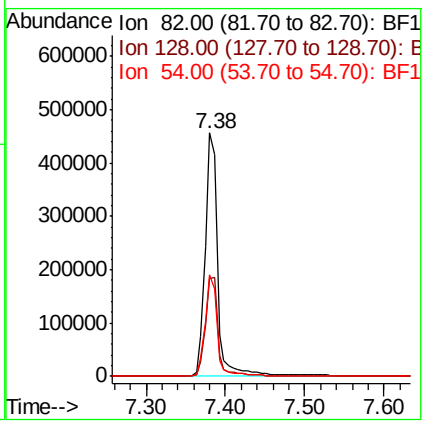


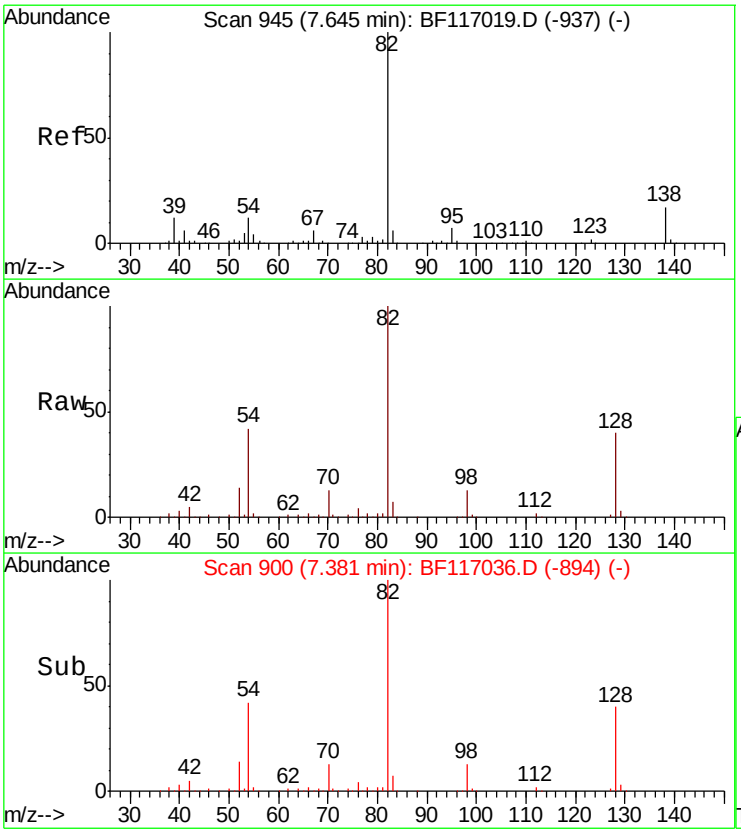
#23
Nitrobenzene-d5
Concen: 94.830 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Instrument :
BNA_F
ClientSampleId :
CBH-139-C

Tgt Ion: 82 Resp: 510342

Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.3	48.5
54	41.9	33.3	49.9

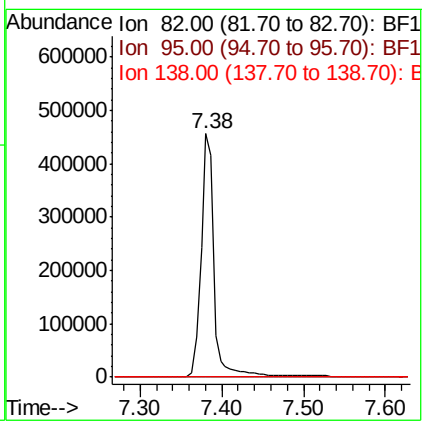


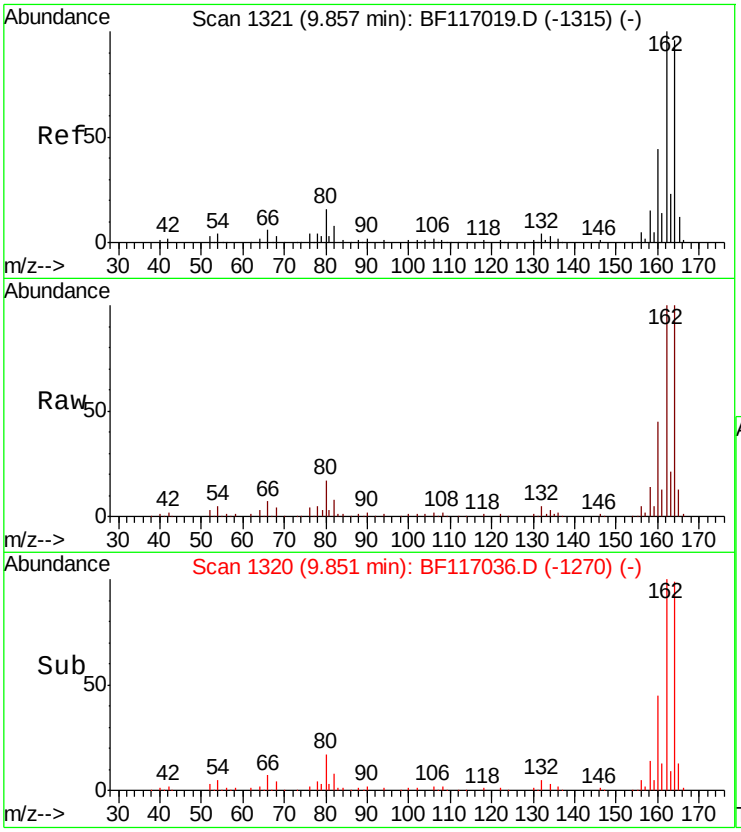


#25
Isophorone
Concen: 53.558 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Tgt Ion: 82 Resp: 510337

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



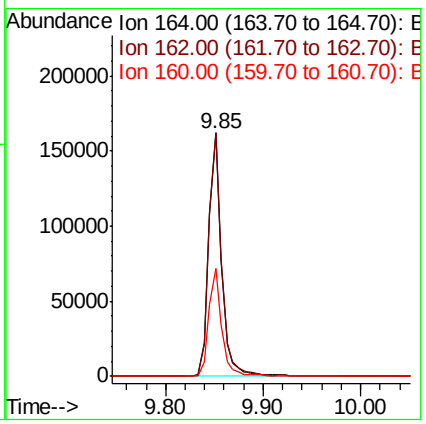


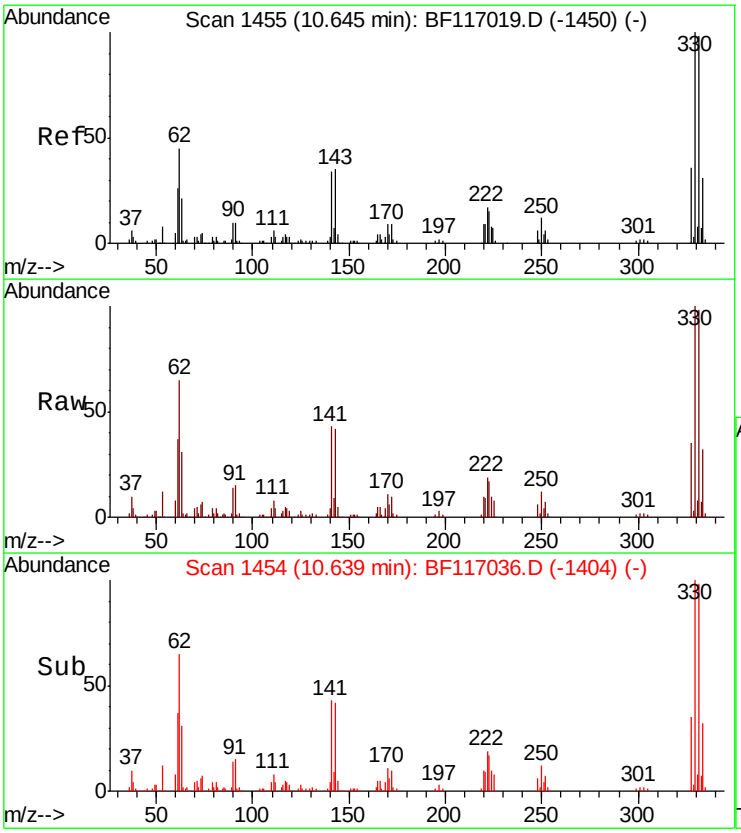
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Instrument :
BNA_F
ClientSampleId :
CBH-139-C

Tgt Ion:164 Resp: 149943

Ion	Ratio	Lower	Upper
164	100		
162	99.8	83.4	125.2
160	44.5	36.4	54.6

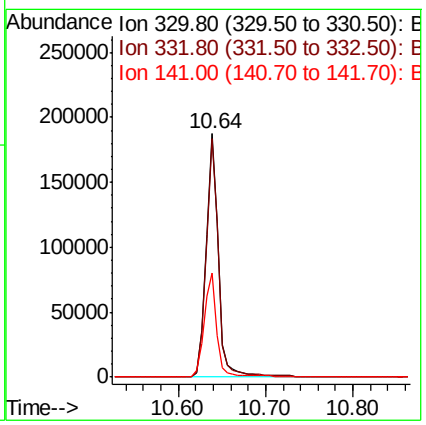


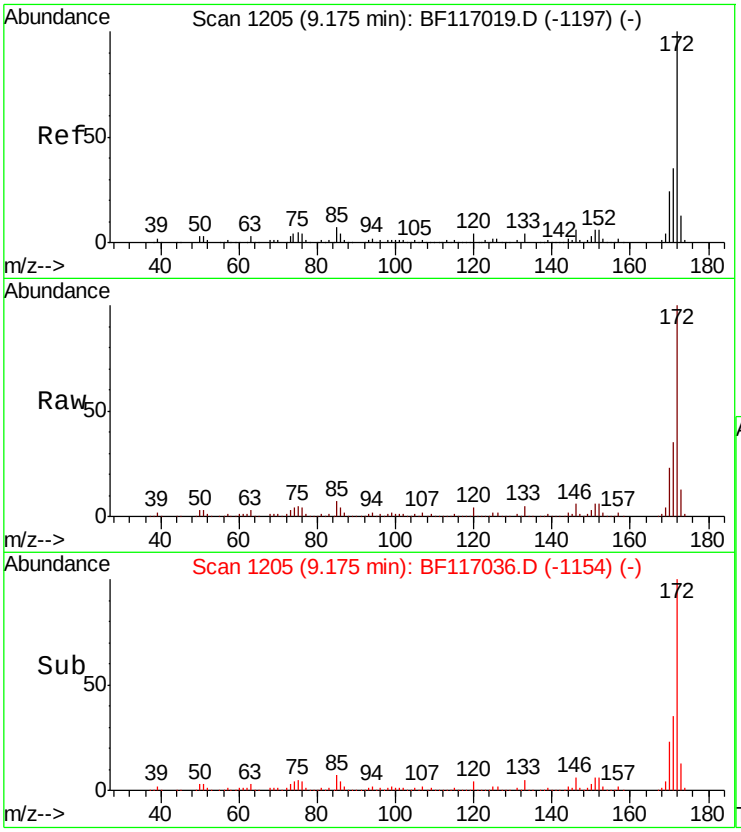


#42
2,4,6-Tribromophenol
Concen: 146.740 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Tgt Ion:330 Resp: 183892

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.0	117.0
141	44.2	35.8	53.6



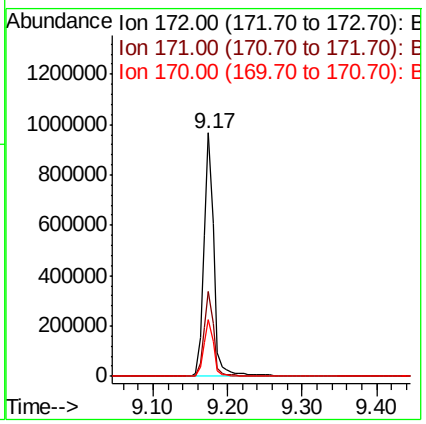


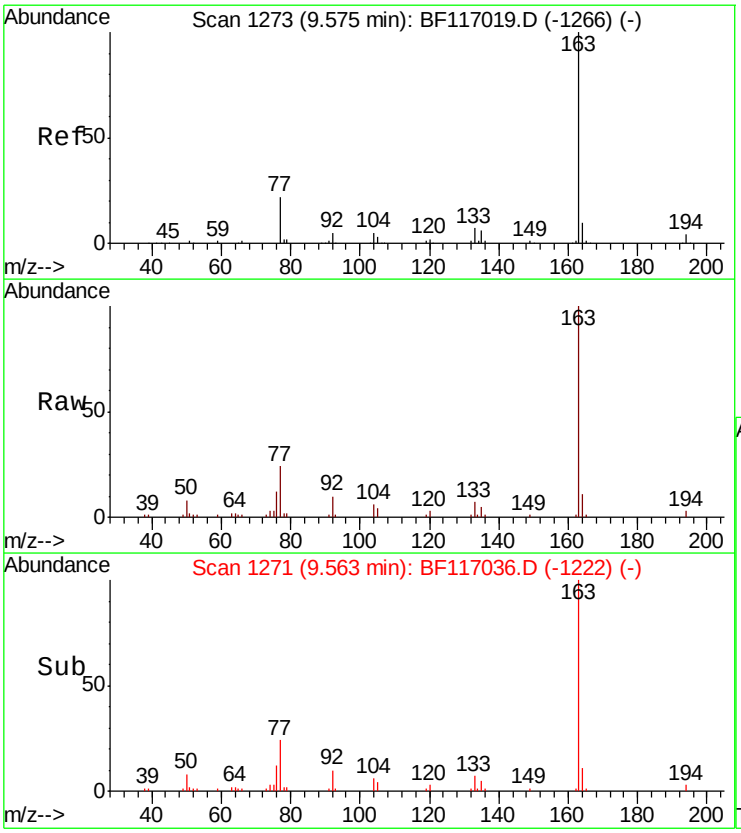
#45
2-Fluorobiphenyl
Concen: 95.230 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Instrument :
BNA_F
ClientSampleId :
CBH-139-C

Tgt Ion:172 Resp: 913229

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.5	18.9	28.3

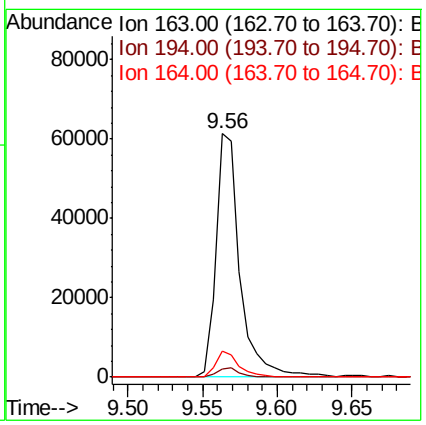


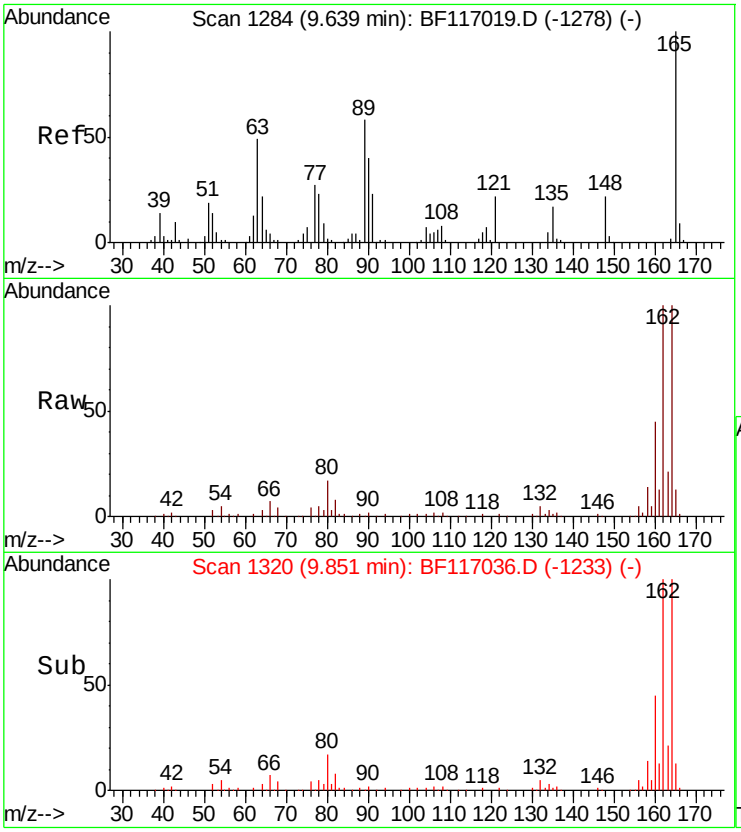


#50
Dimethylphthalate
Concen: 6.507 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Tgt Ion:163 Resp: 69085

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.6	8.2	12.4



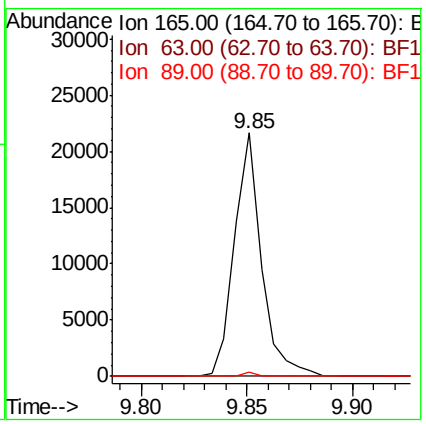


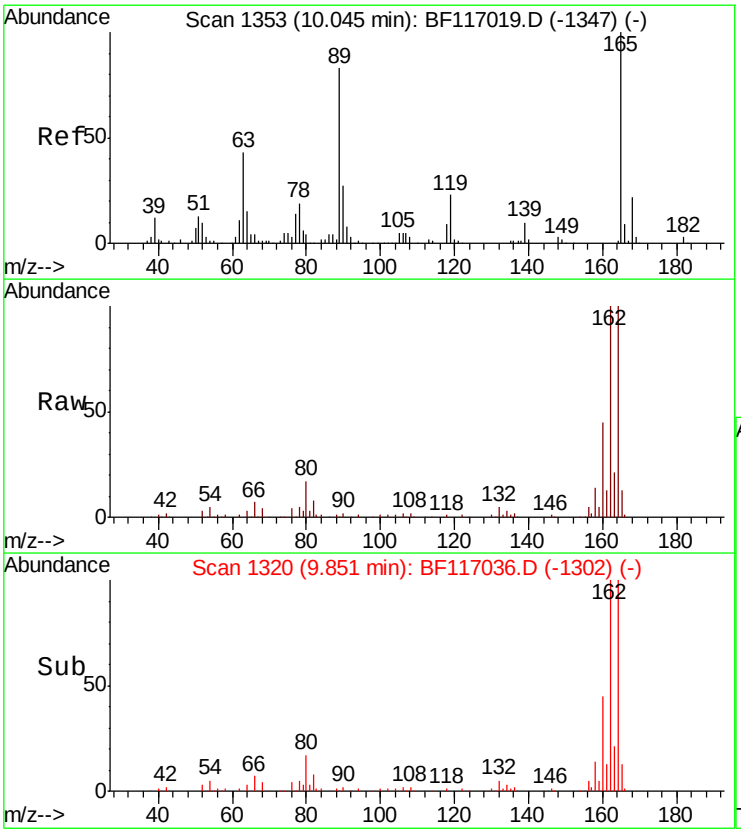
#51
2,6-Dinitrotoluene
Concen: 8.867 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Instrument :
BNA_F
ClientSampleId :
CBH-139-C

Tgt Ion:165 Resp: 19174

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	1.9	46.5	69.7#

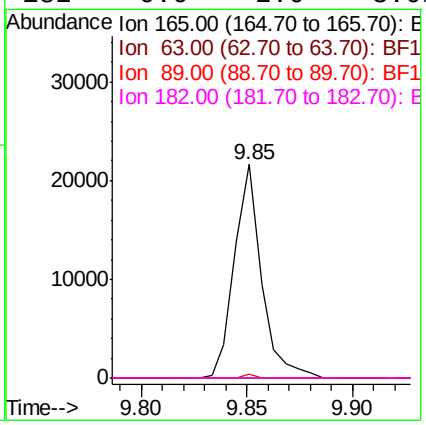


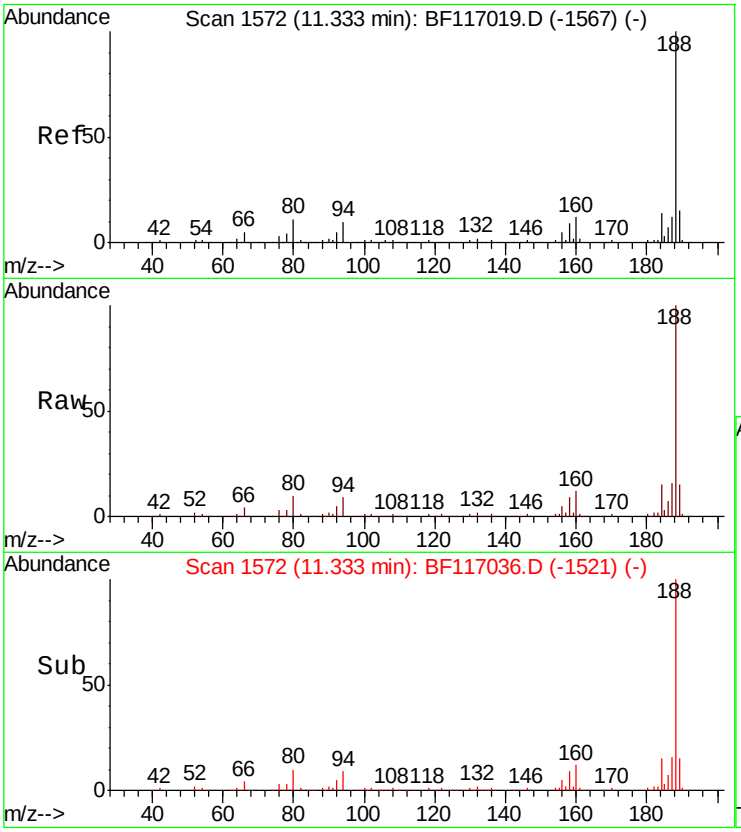


#57
2,4-Dinitrotoluene
Concen: 6.831 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Tgt Ion:165 Resp: 19174

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	1.9	66.1	99.1#
182	0.0	2.0	3.0#



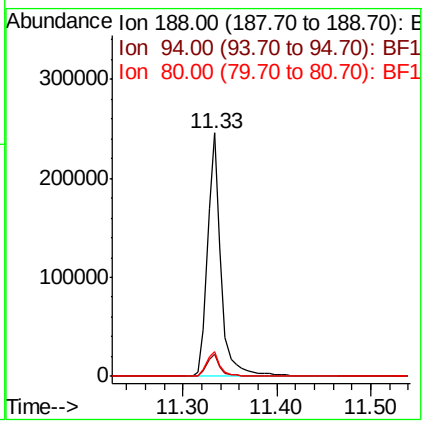


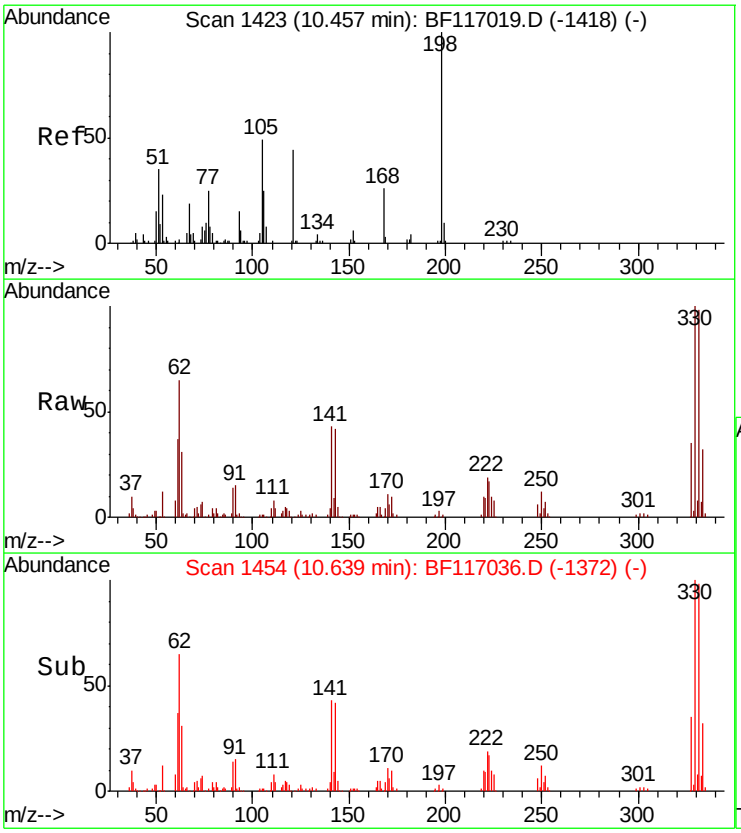
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Instrument :
BNA_F
ClientSampleId :
CBH-139-C

Tgt Ion:188 Resp: 247917

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	10.1	9.0	13.6

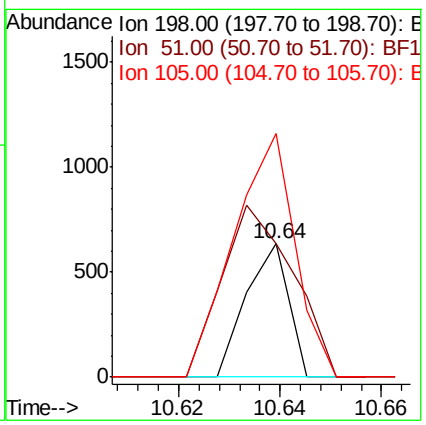


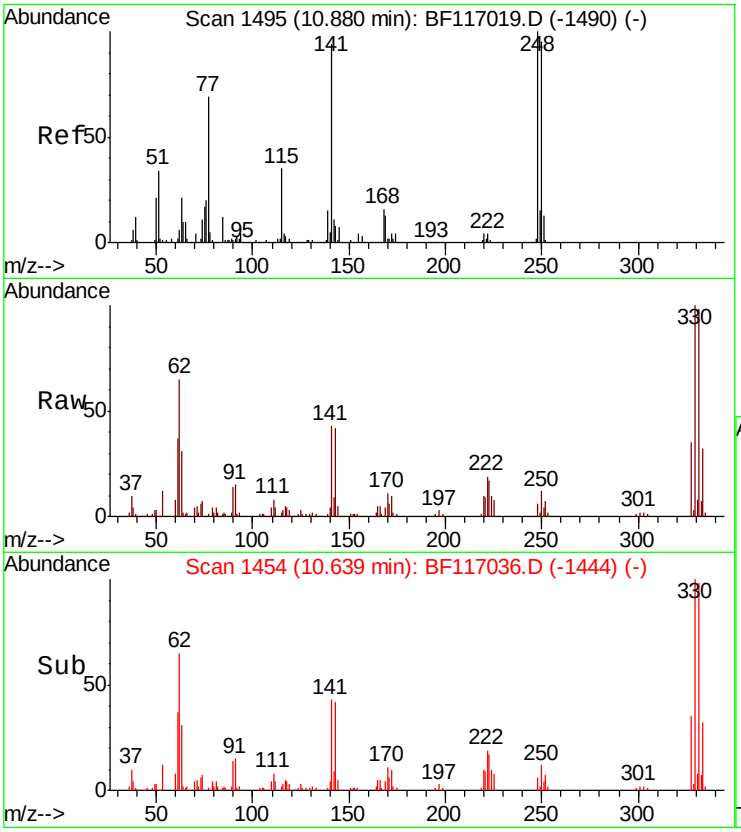


#65
4,6-Dinitro-2-methylphenol
Concen: 7.180 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Tgt Ion:198 Resp: 367

Ion	Ratio	Lower	Upper
198	100		
51	99.8	18.7	58.7#
105	182.7	30.2	70.2#



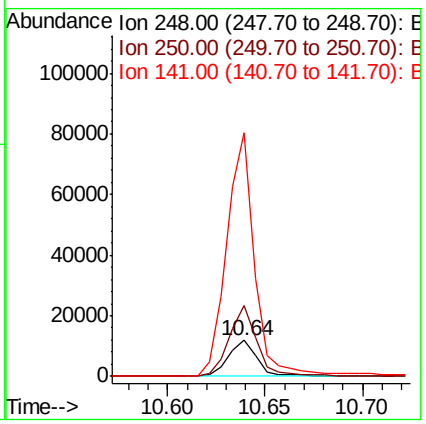


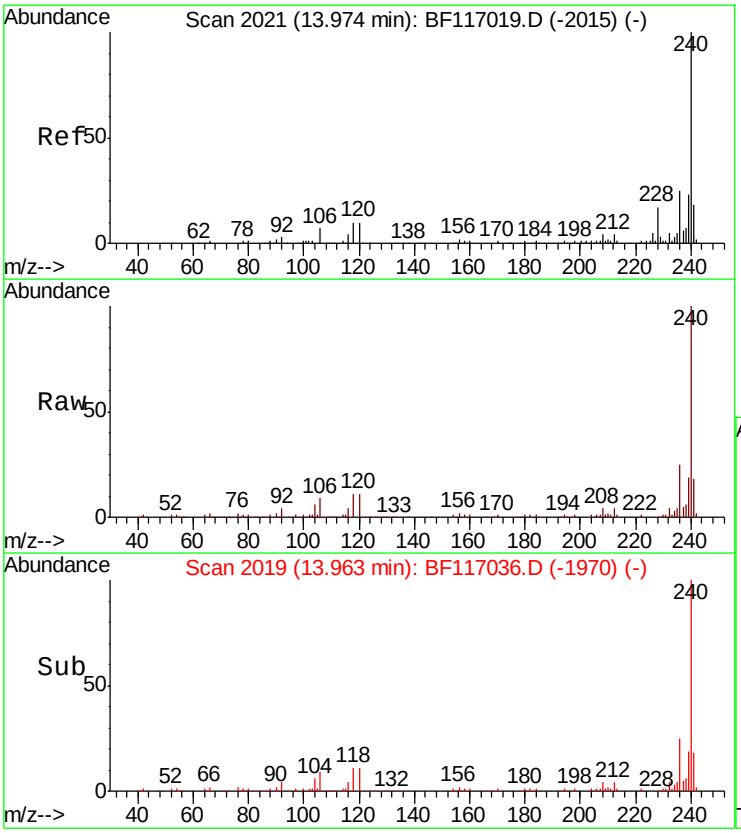
#67
4-Bromophenyl-phenylether
Concen: 4.738 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Instrument :
BNA_F
ClientSampleId :
CBH-139-C

Tgt Ion:248 Resp: 11996

Ion	Ratio	Lower	Upper
248	100		
250	196.2	76.2	114.4#
141	673.4	75.0	112.4#

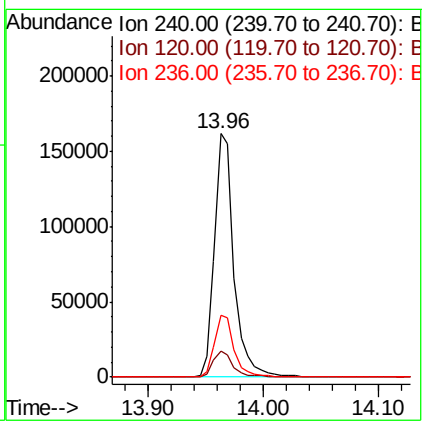


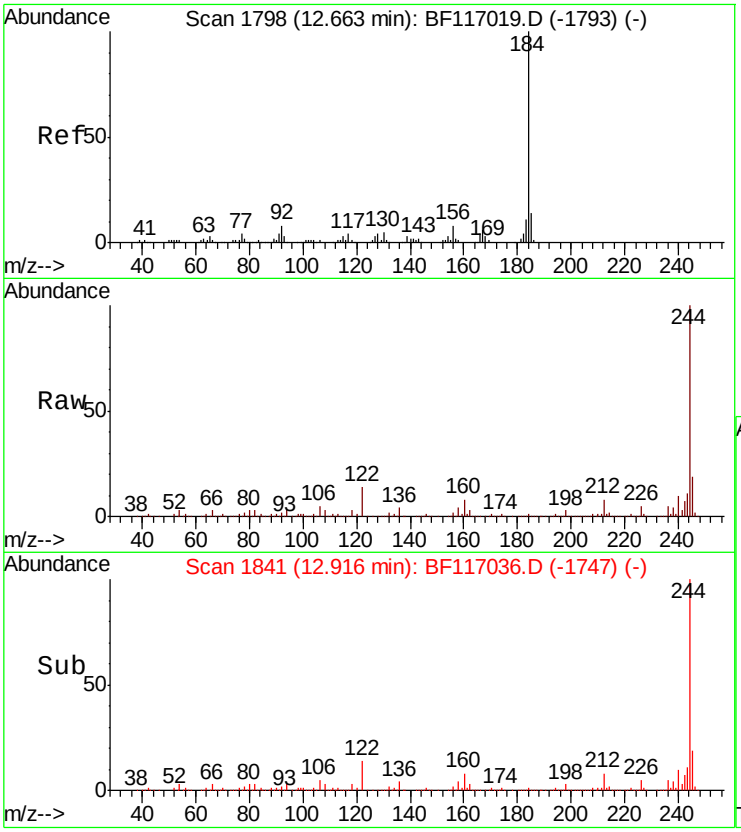


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Tgt Ion:240 Resp: 189730

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.4	20.3	30.5



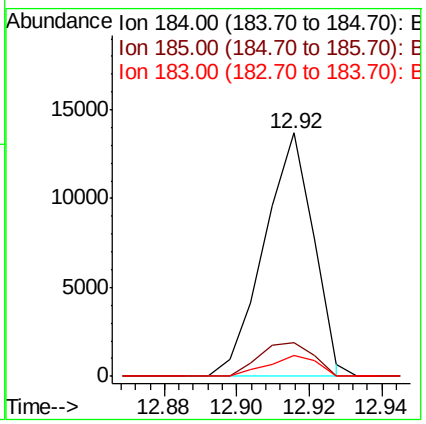


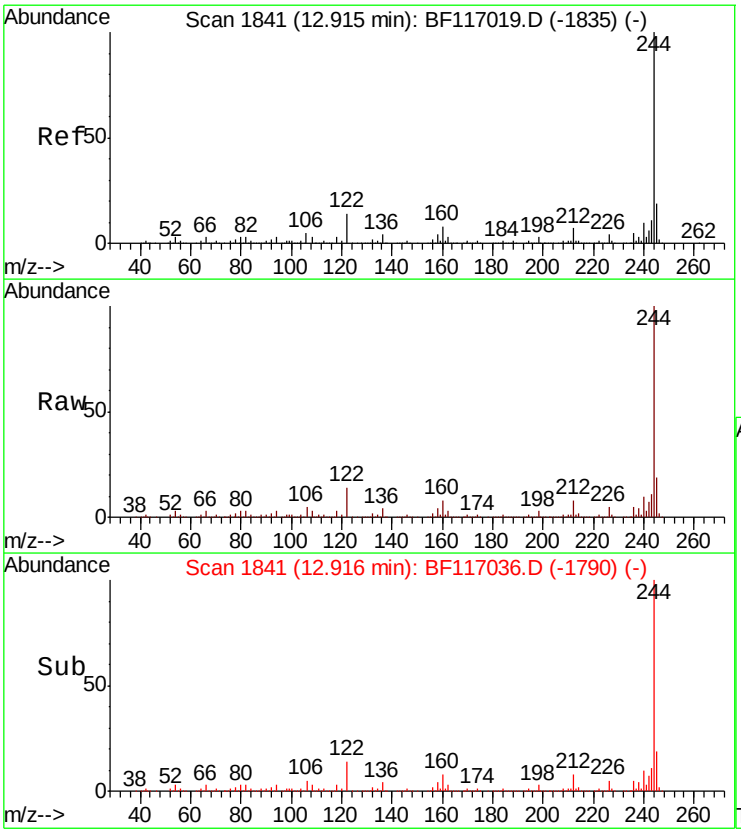
#77
Benzidine
Concen: 2.130 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Instrument :
BNA_F
ClientSampleId :
CBH-139-C

Tgt Ion:184 Resp: 13018

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.6	17.4
183	8.4	9.0	13.4#

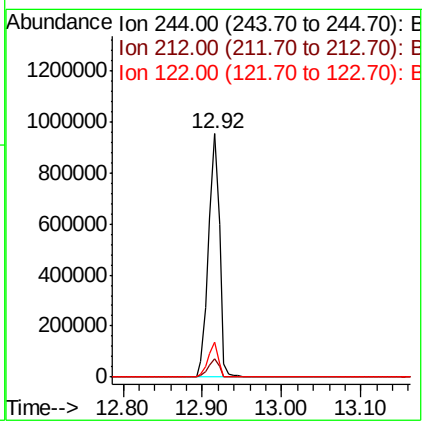


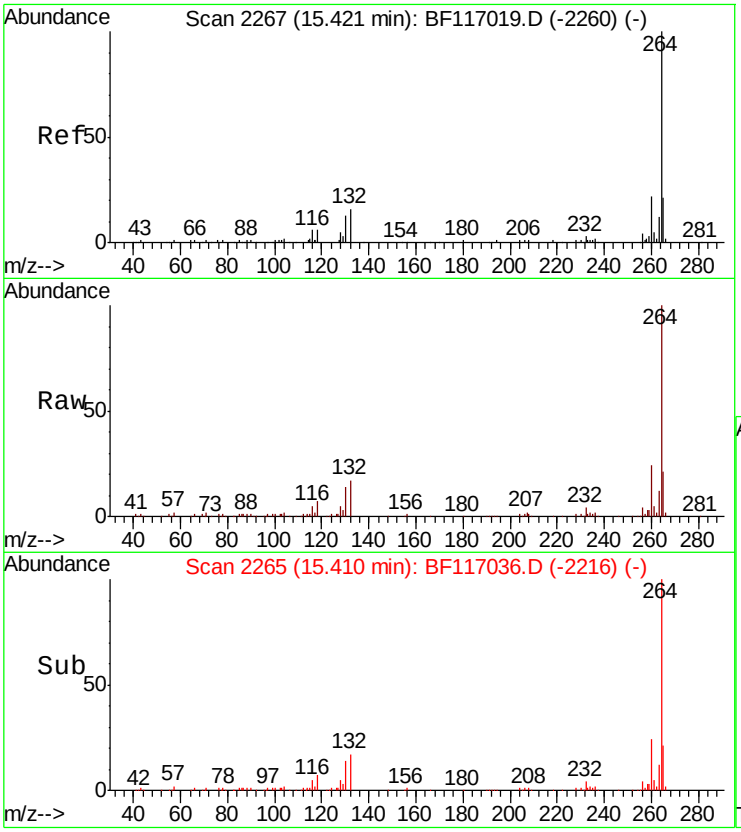


#79
Terphenyl-d14
Concen: 90.928 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Tgt Ion:244 Resp: 922934

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	14.2	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117036.D
Acq: 13 Sep 2019 21:32

Instrument :
BNA_F
ClientSampleId :
CBH-139-C

Tgt Ion:264 Resp: 165451

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.6	26.4
265	21.0	16.6	24.8