Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117115.D
Acq On : 17 Sep 2019 19:04
Operator : HP/JU
Sample : K4873-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-30

Quant Time: Sep 18 03:52:21 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	57401	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	218804	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	115055	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	190192	20.00	ng	0.00
76) Chrysene-d12	13.97	240	140319	20.00	ng	0.00
87) Perylene-d12	15.42	264	128648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	440814	119.90	ng	0.02
7) Phenol-d6	6.46	99	512228	107.80	ng	0.00
23) Nitrobenzene-d5	7.39	82	433442	104.08	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	155388	161.59	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	721563	98.06	ng	0.00
79) Terphenyl-d14	12.92	244	752877	100.29	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	634	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.39	70	56431	19.504	ng	# 80
25) Isophorone	7.39	82	433439	58.785	ng	# 66
51) 2,6-Dinitrotoluene	9.85	165	14465	8.718	ng	# 25
57) 2,4-Dinitrotoluene	9.85	165	14465	6.716	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.64	198	313	7.211	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	9598	4.942	ng	# 1
77) Benzidine	12.92	184	11061	2.447	ng	# 92

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

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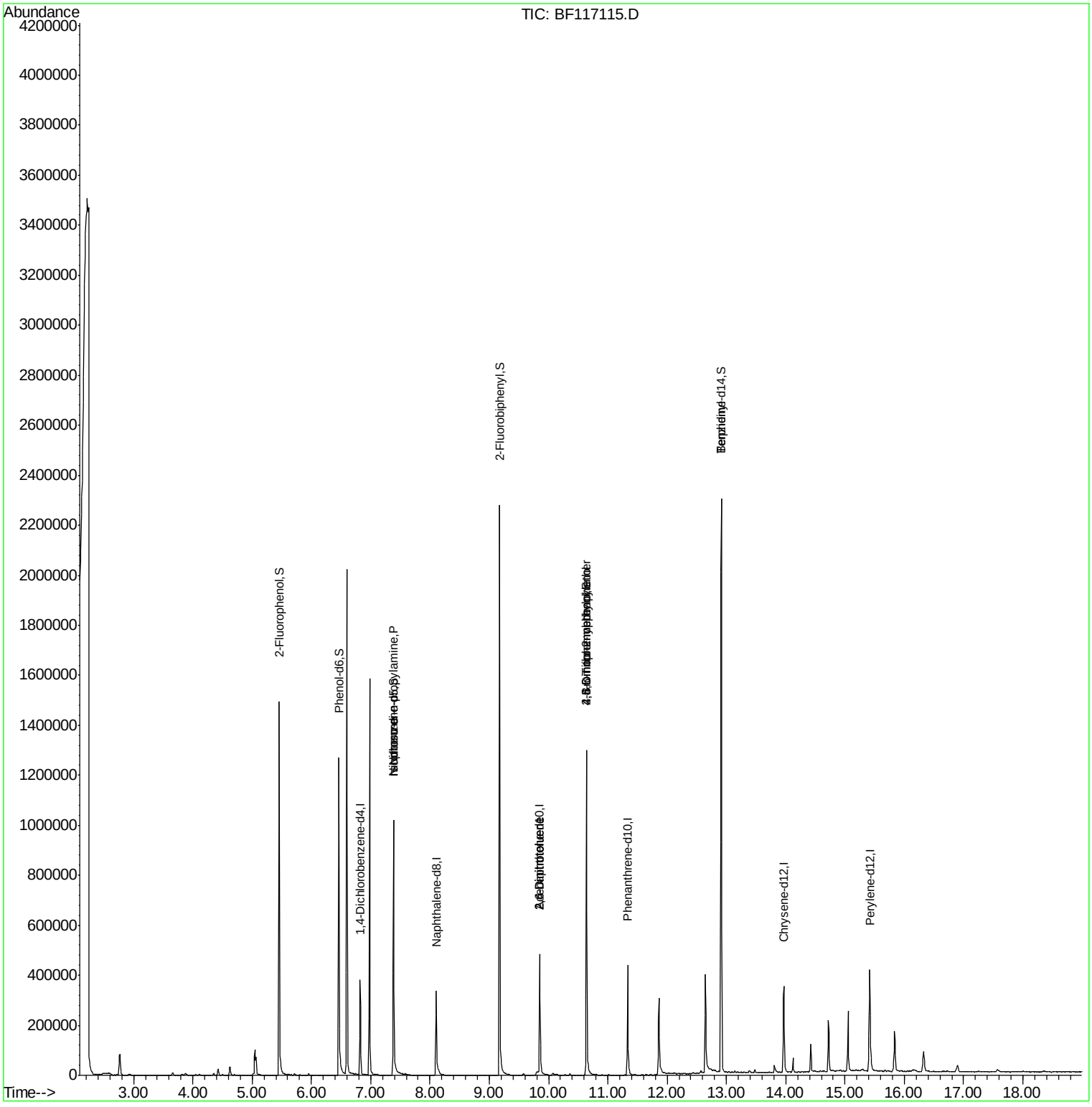
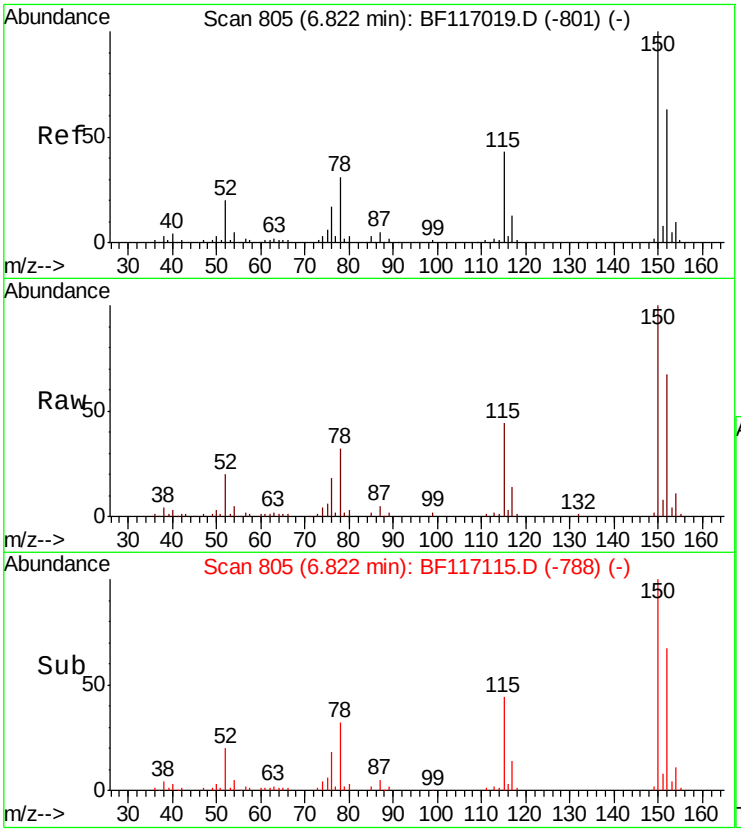


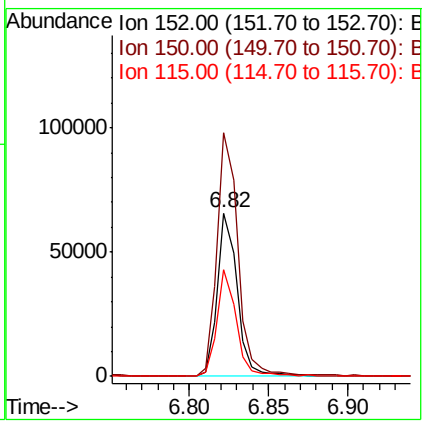


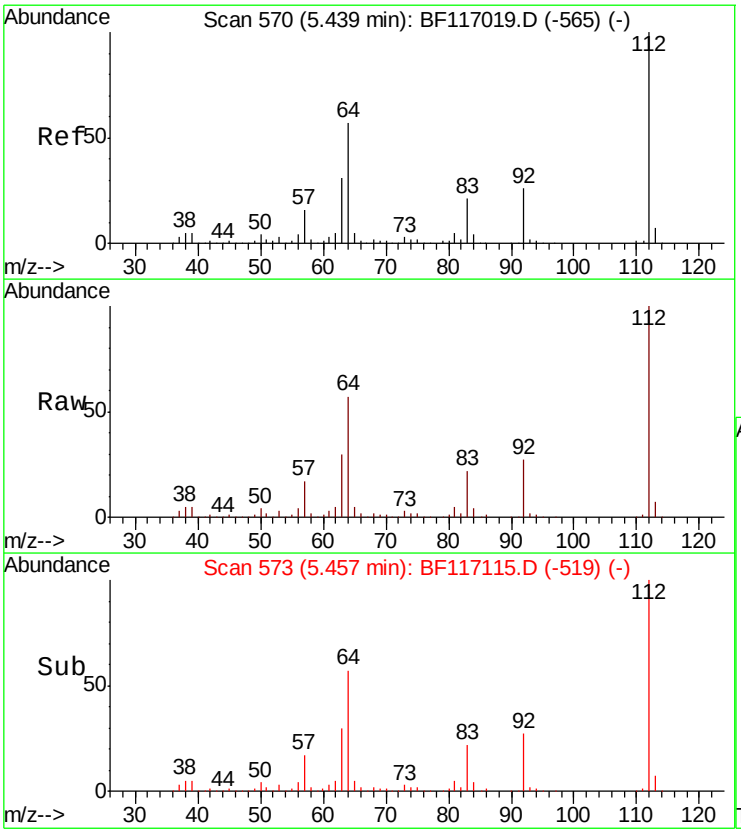
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Instrument :
BNA_F
ClientSampleId :
COMP-30

Tgt Ion:152 Resp: 57401

Ion	Ratio	Lower	Upper
152	100		
150	149.3	127.5	191.3
115	65.2	55.0	82.4

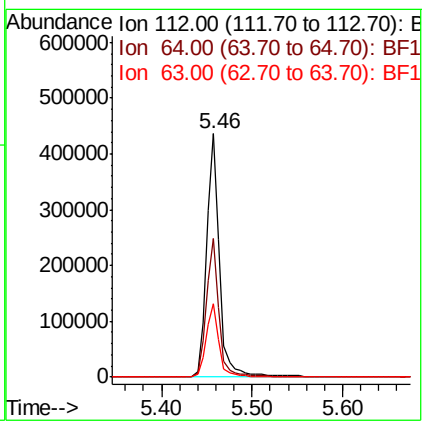


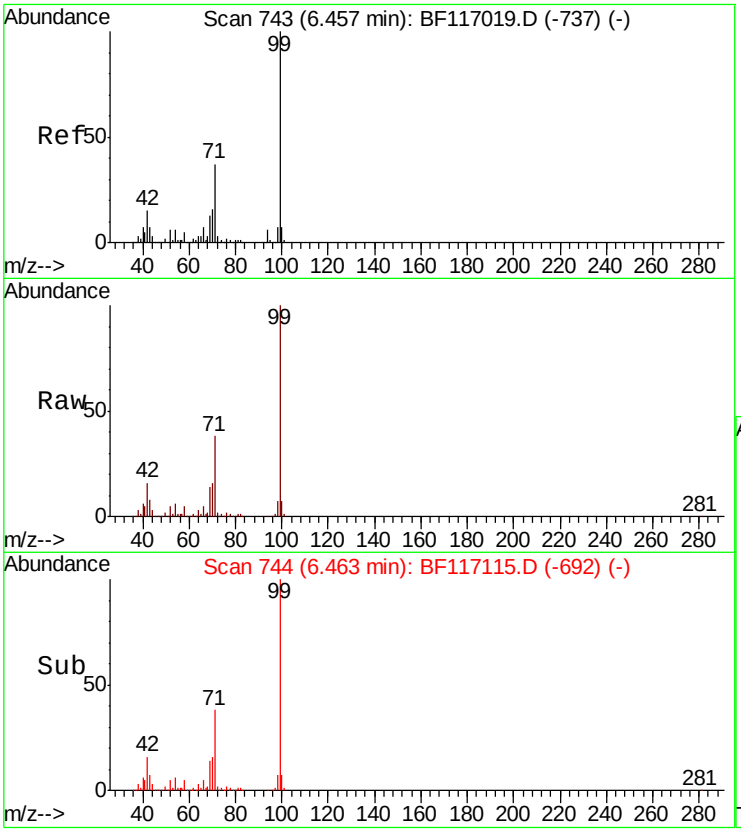


#5
2-Fluorophenol
Concen: 119.897 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion:112 Resp: 440814

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.7	68.5
63	30.3	24.9	37.3



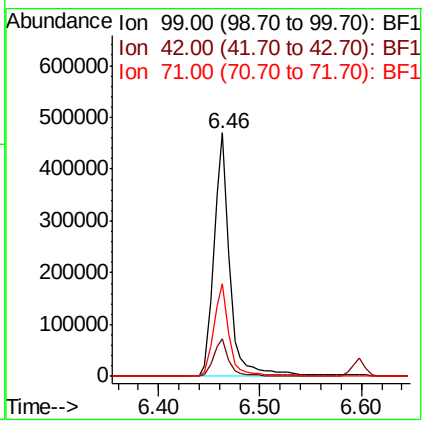


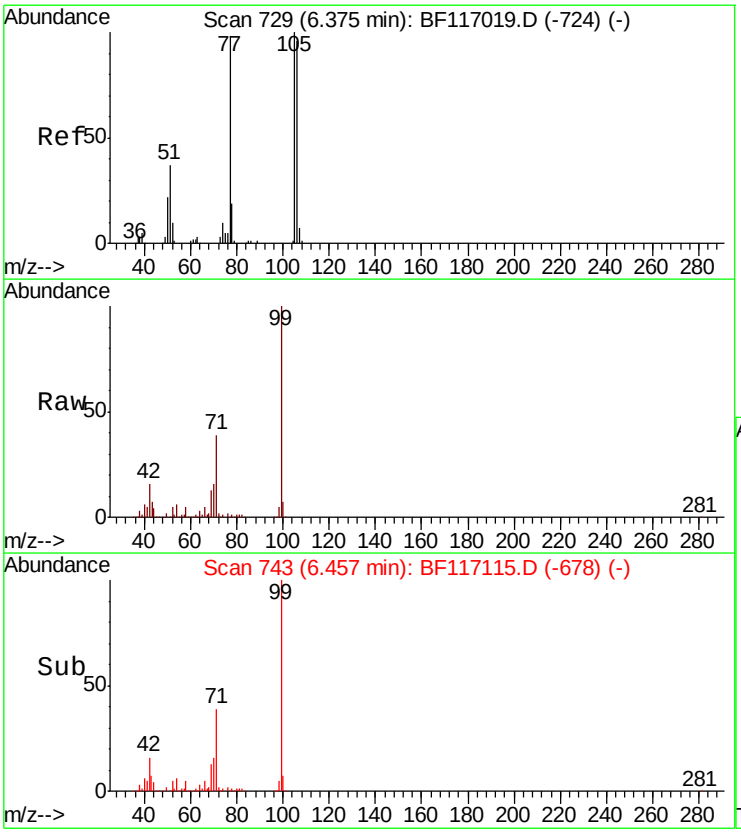
#7
Phenol-d6
Concen: 107.803 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Instrument :
BNA_F
ClientSampleId :
COMP-30

Tgt Ion: 99 Resp: 512228

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	37.9	29.8	44.8

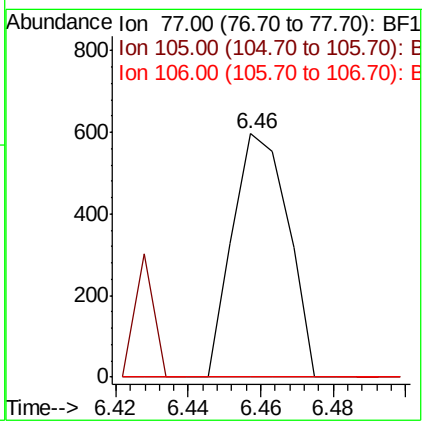


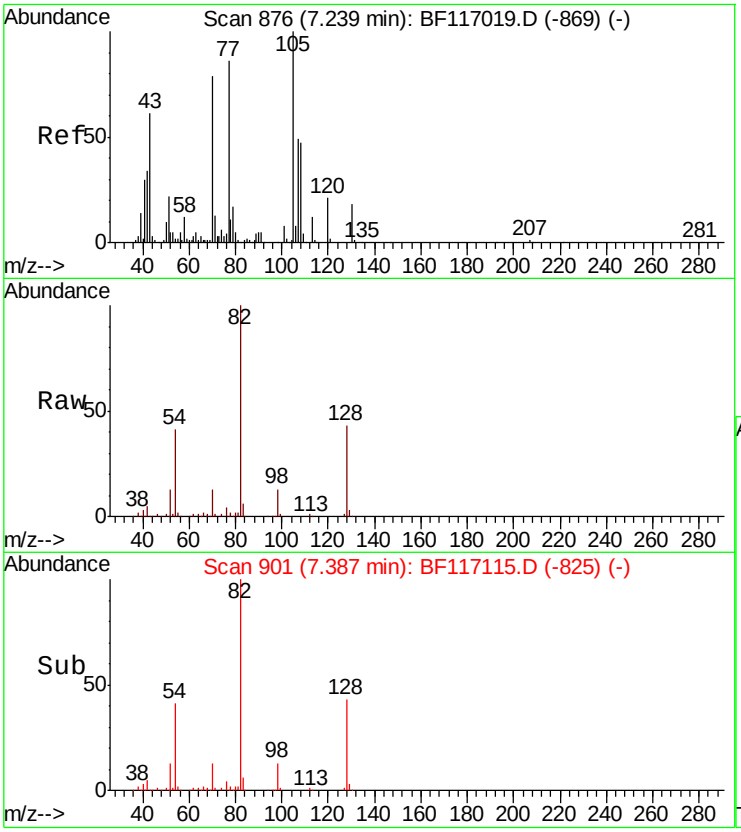


#9
Benzaldehyde
Concen: Below Cal
RT: 6.46 min Scan# 743
Delta R.T. 0.08 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion: 77 Resp: 634

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



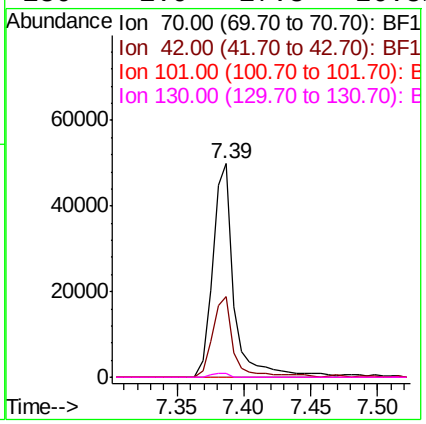


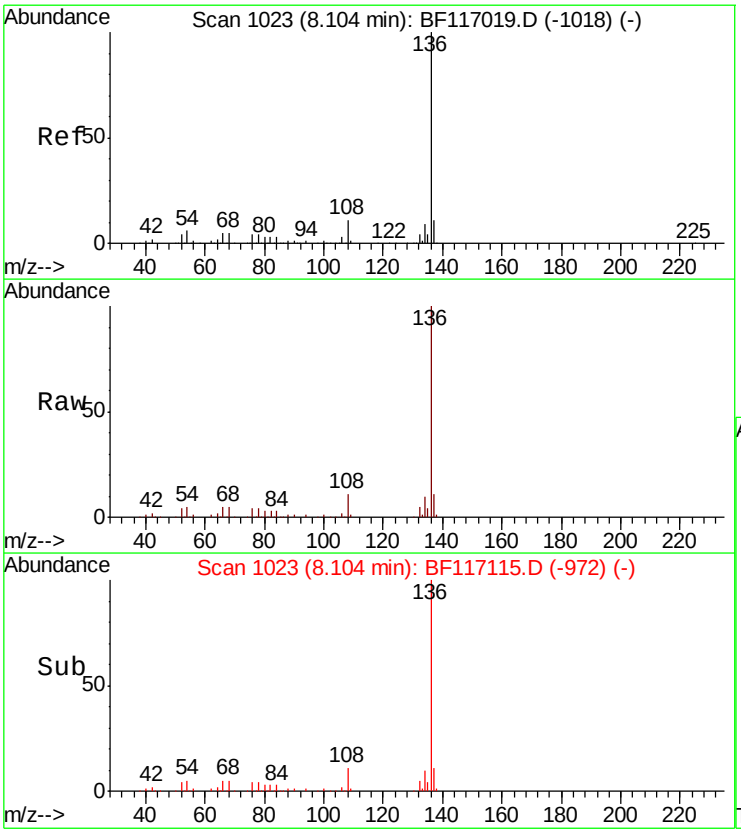
#19
n-Nitroso-di-n-propylamine
Concen: 19.504 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Instrument :
BNA_F
ClientSampleId :
COMP-30

Tgt Ion: 70 Resp: 56431

Ion	Ratio	Lower	Upper
70	100		
42	37.9	34.0	51.0
101	0.0	7.8	11.6#
130	1.9	17.8	26.8#

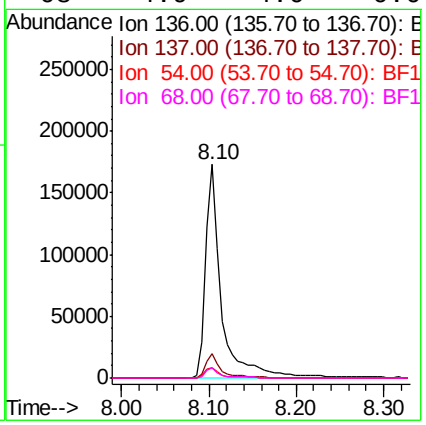


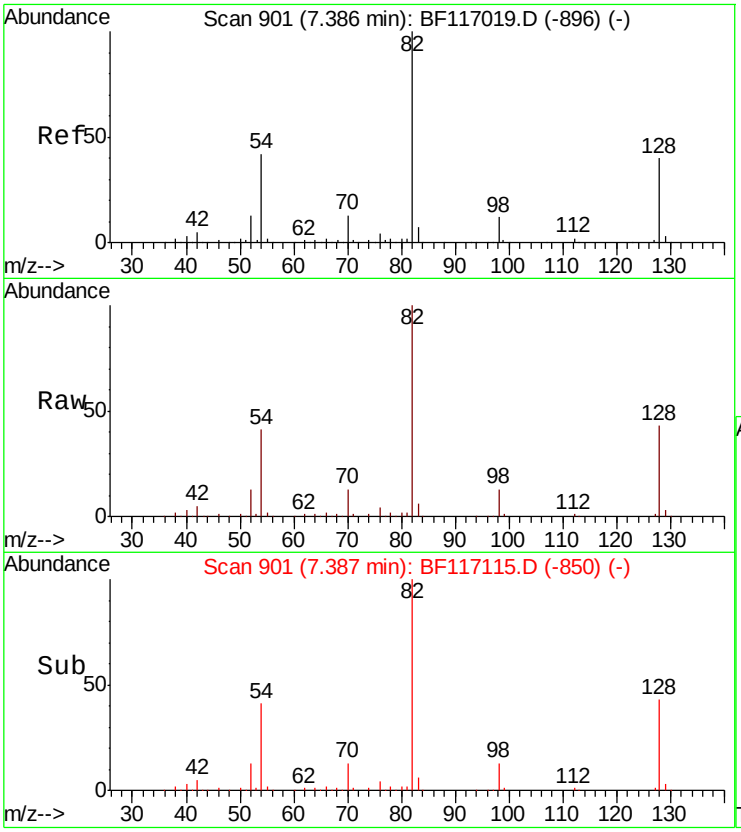


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion:136 Resp: 218804

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.1	4.5	6.7
68	4.9	4.0	6.0



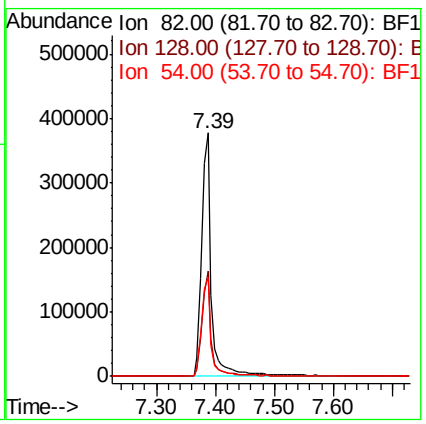


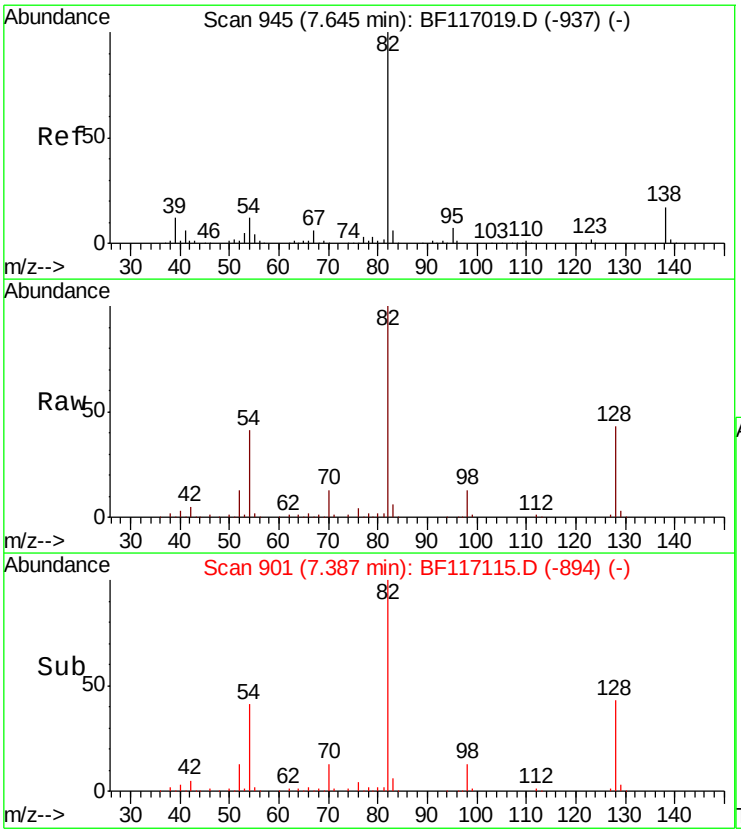
#23
Nitrobenzene-d5
Concen: 104.084 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Instrument :
BNA_F
ClientSampleId :
COMP-30

Tgt Ion: 82 Resp: 433442

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.3	48.5
54	40.5	33.3	49.9

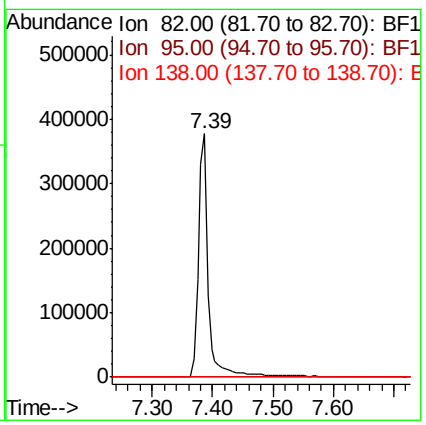


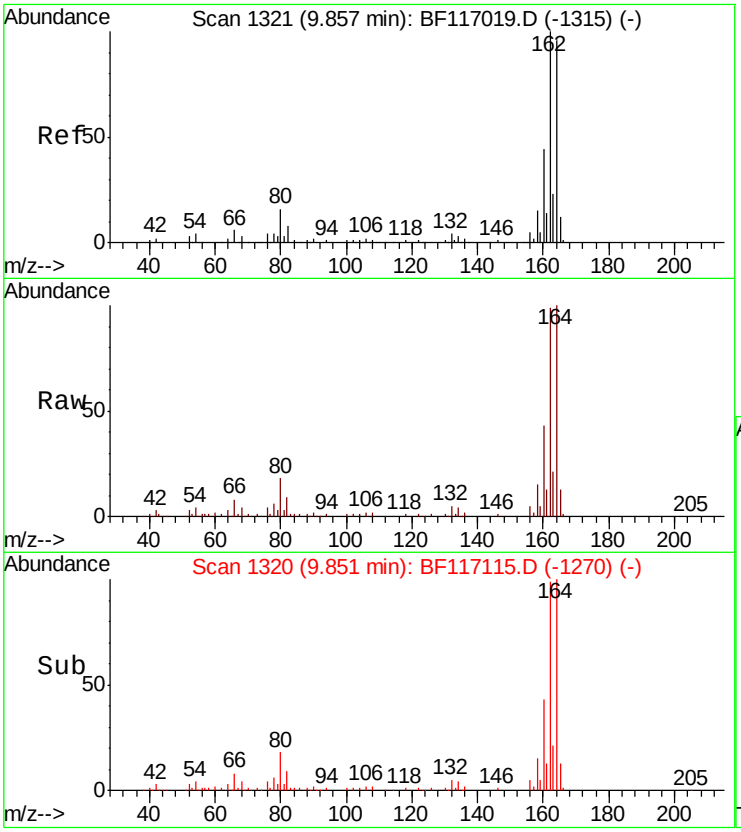


#25
Isophorone
Concen: 58.785 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion: 82 Resp: 433439

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



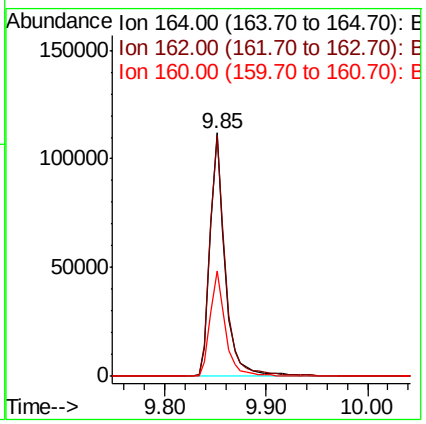


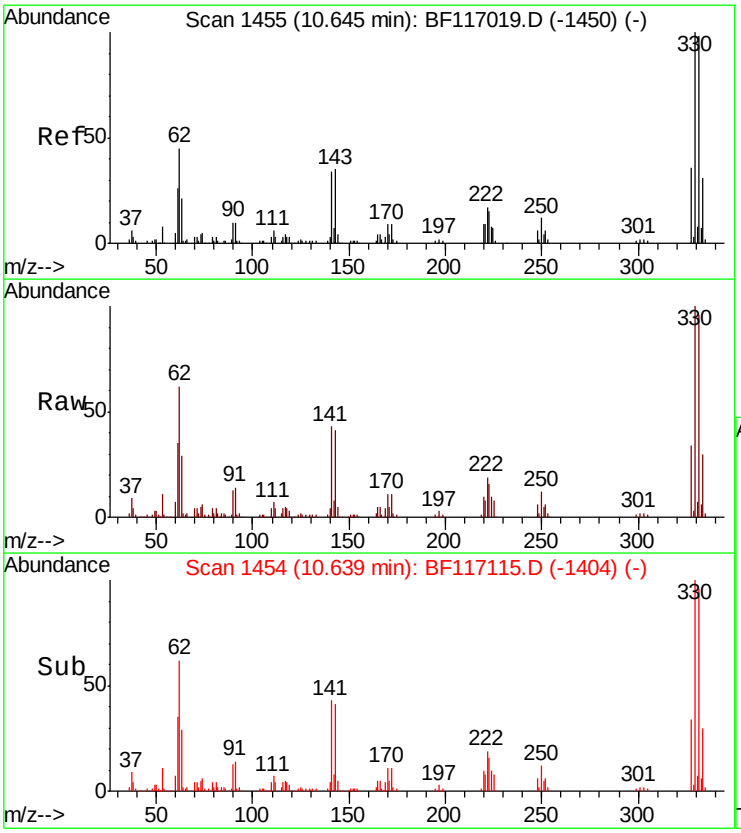
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Instrument :
BNA_F
ClientSampleId :
COMP-30

Tgt Ion:164 Resp: 115055

Ion	Ratio	Lower	Upper
164	100		
162	99.0	83.4	125.2
160	43.4	36.4	54.6

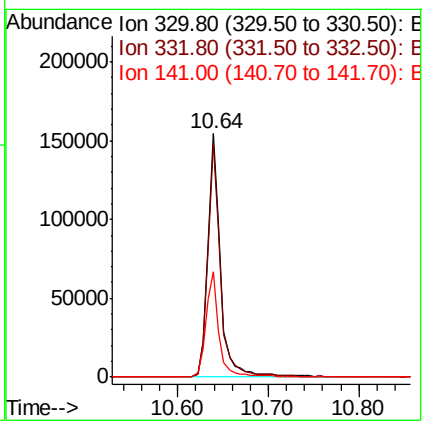


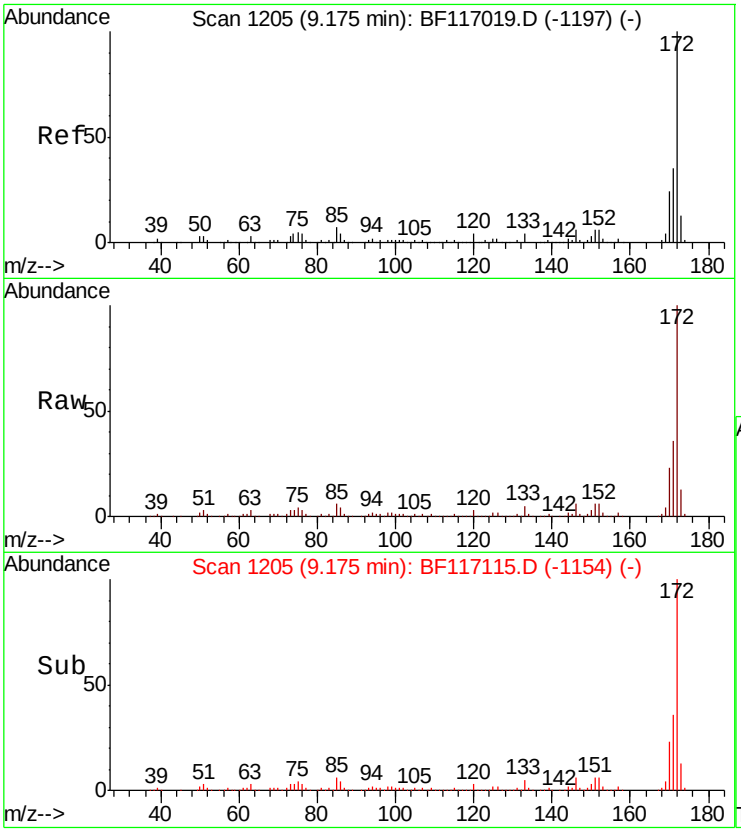


#42
2,4,6-Tribromophenol
Concen: 161.594 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion:330 Resp: 155388

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.0	117.0
141	43.6	35.8	53.6



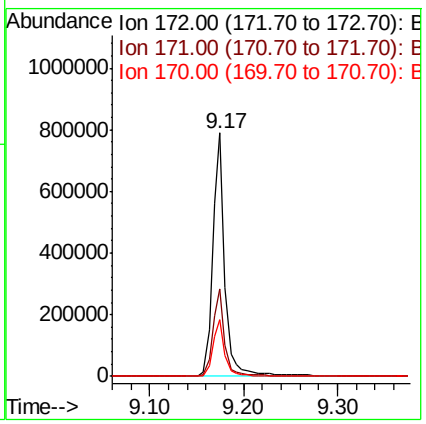


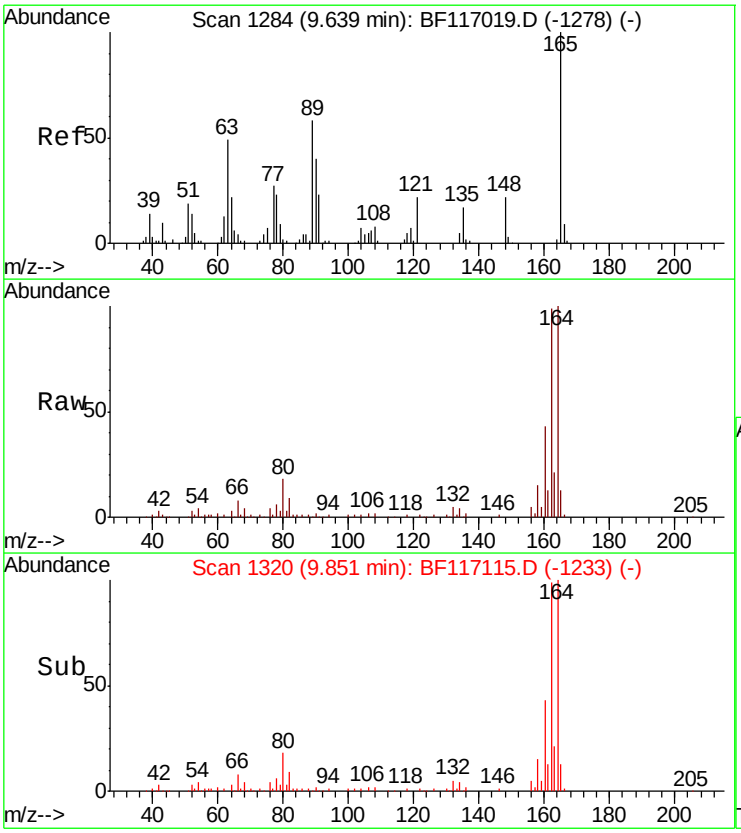
#45
2-Fluorobiphenyl
Concen: 98.059 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Instrument :
BNA_F
ClientSampleId :
COMP-30

Tgt Ion:172 Resp: 721563

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.3	18.9	28.3

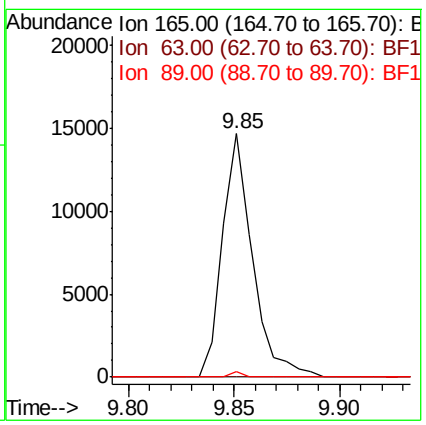


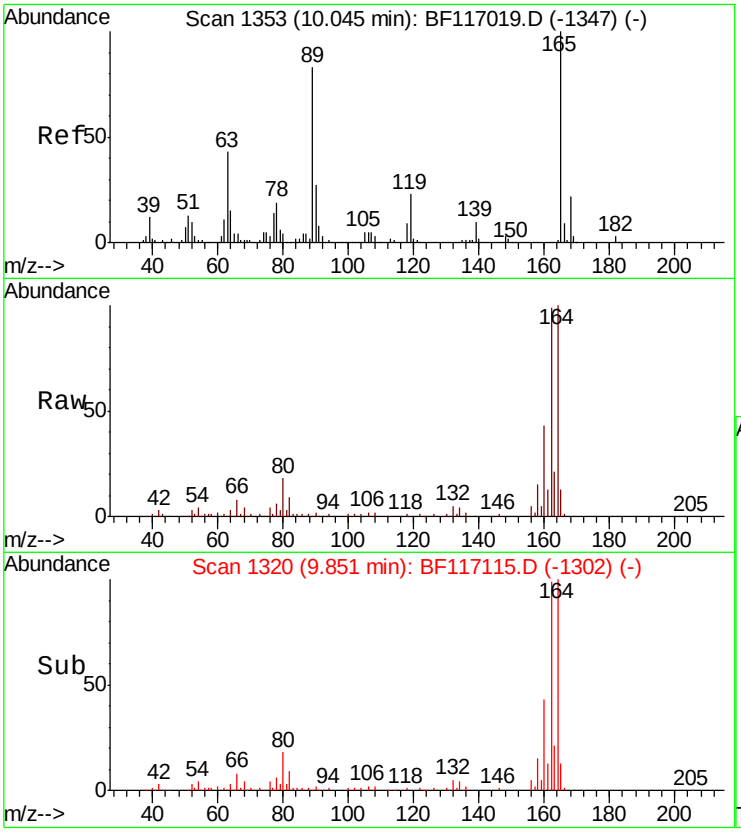


#51
2,6-Dinitrotoluene
Concen: 8.718 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion:165 Resp: 14465

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	2.2	46.5	69.7#



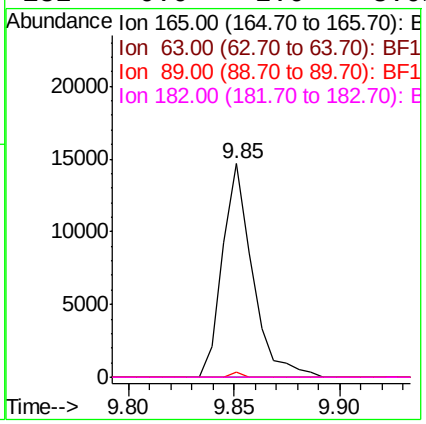


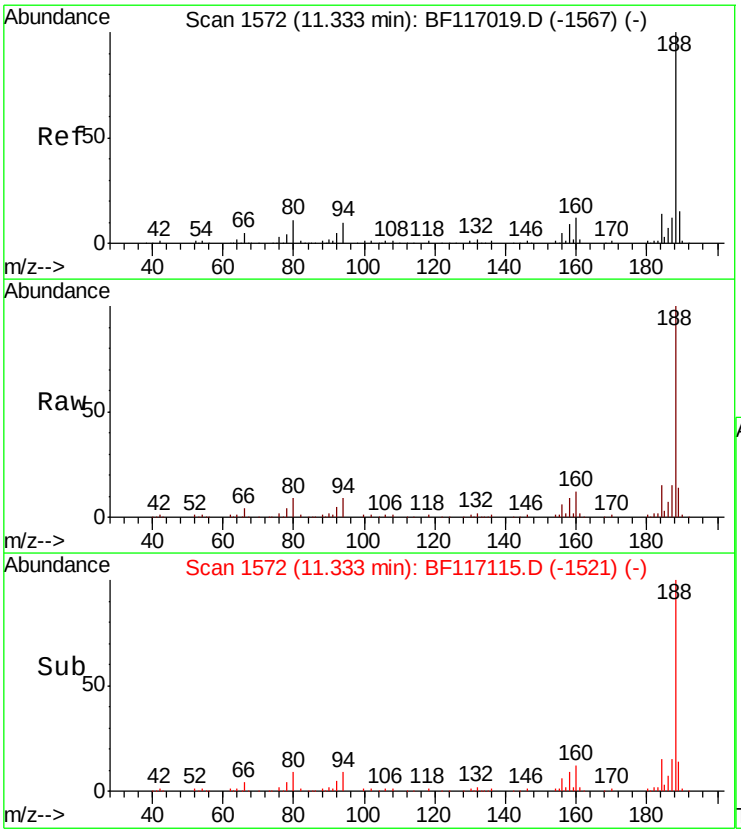
#57
2,4-Dinitrotoluene
Concen: 6.716 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Instrument :
BNA_F
ClientSampleId :
COMP-30

Tgt Ion:165 Resp: 14465

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	2.2	66.1	99.1#
182	0.0	2.0	3.0#

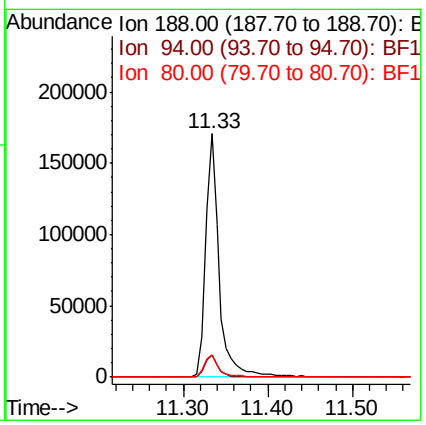


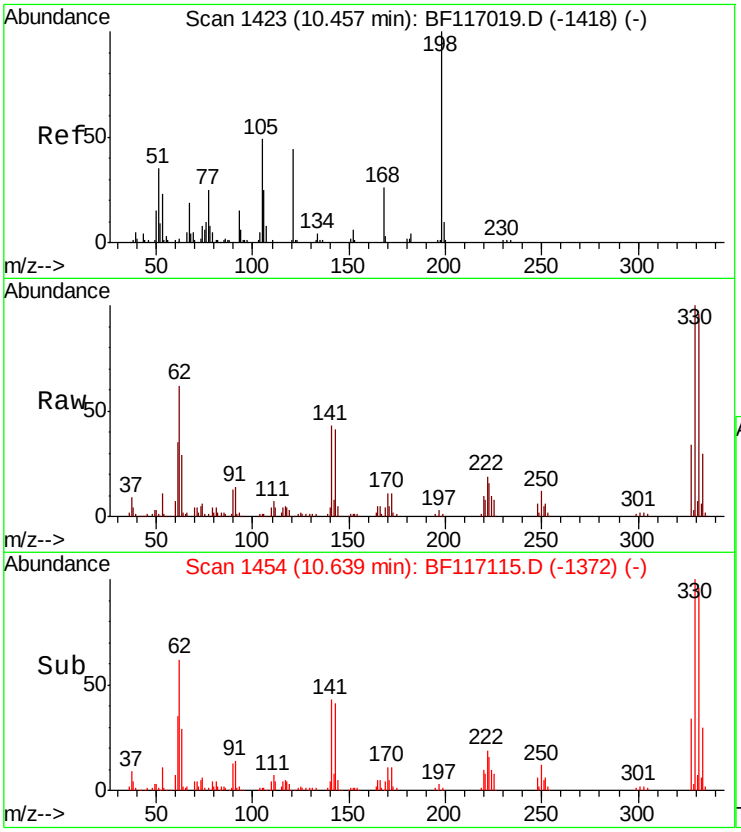


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion:188 Resp: 190192

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.3	9.0	13.6



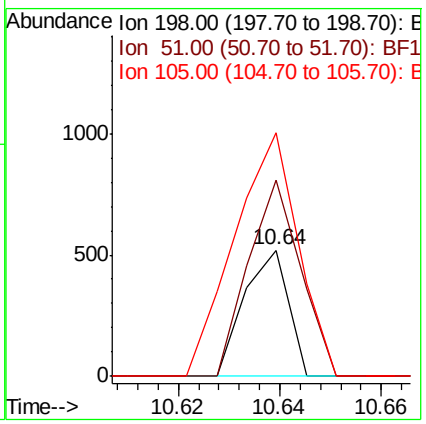


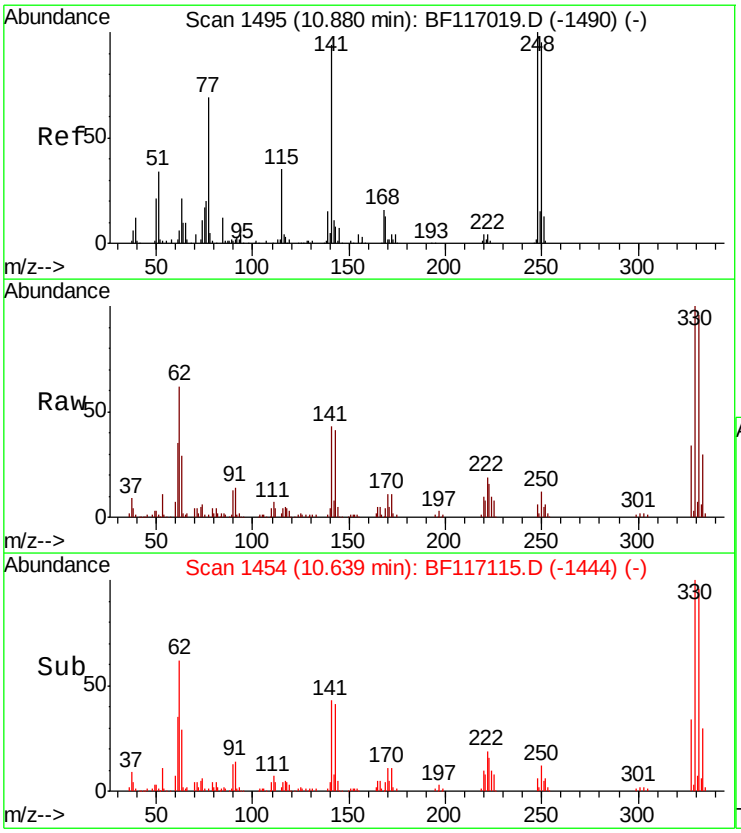
#65
4,6-Dinitro-2-methylphenol
Concen: 7.211 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Instrument :
BNA_F
ClientSampleId :
COMP-30

Tgt Ion:198 Resp: 313

Ion	Ratio	Lower	Upper
198	100		
51	154.7	18.7	58.7#
105	192.5	30.2	70.2#

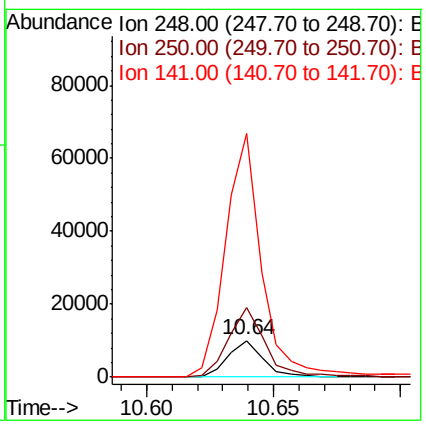


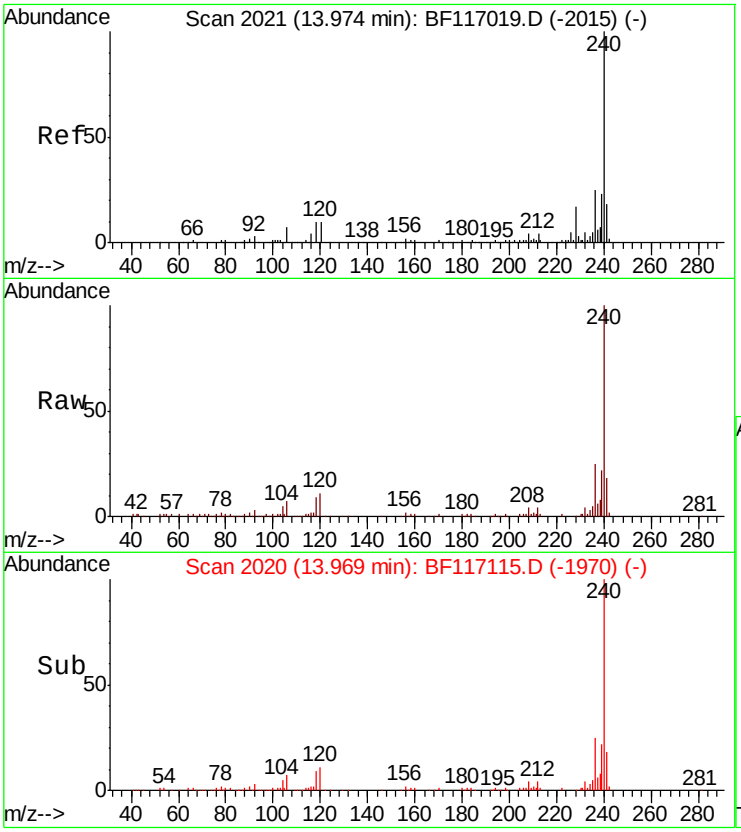


#67
4-Bromophenyl-phenylether
Concen: 4.942 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion:248 Resp: 9598

Ion	Ratio	Lower	Upper
248	100		
250	191.8	76.2	114.4#
141	665.5	75.0	112.4#



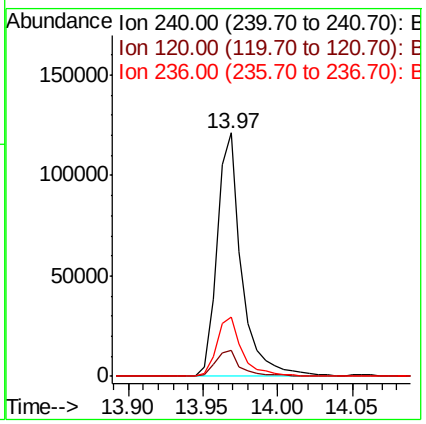


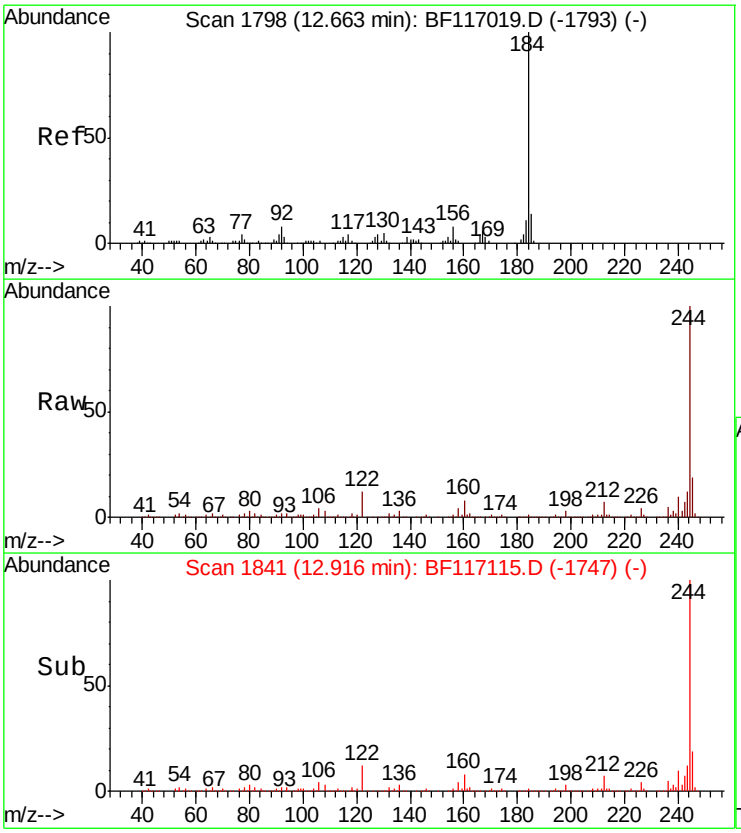
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Instrument :
BNA_F
ClientSampleId :
COMP-30

Tgt Ion:240 Resp: 140319

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	24.5	20.3	30.5

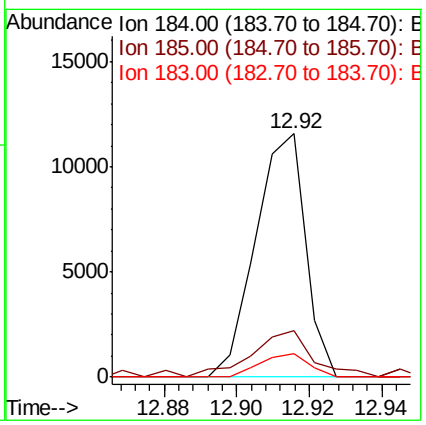


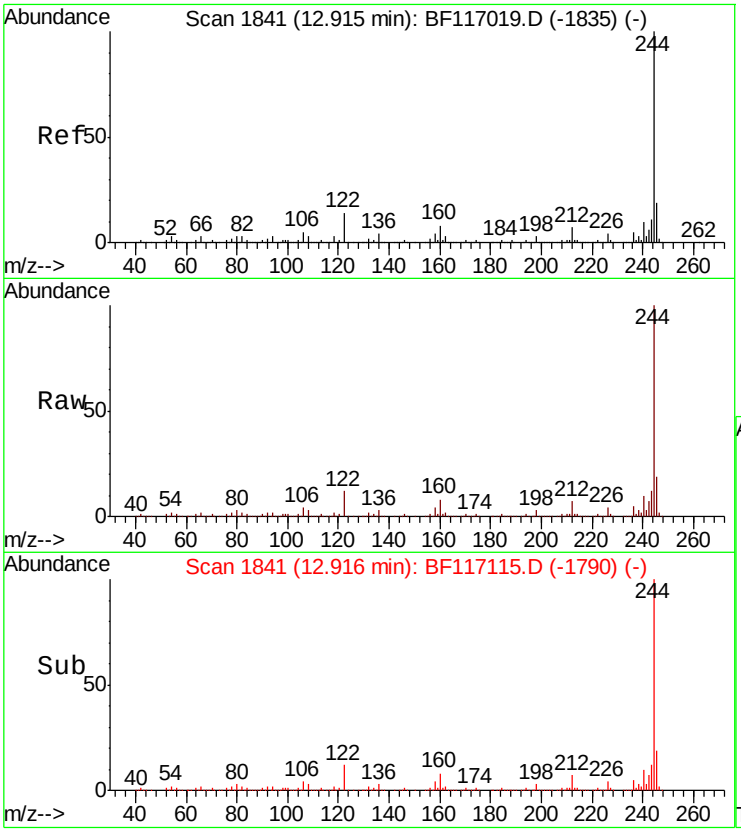


#77
Benzidine
Concen: 2.447 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion:184 Resp: 11061

Ion	Ratio	Lower	Upper
184	100		
185	19.2	11.6	17.4#
183	9.7	9.0	13.4



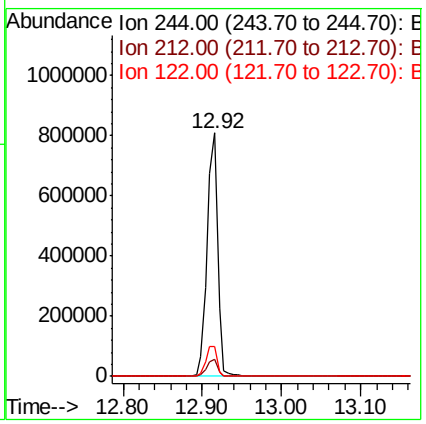


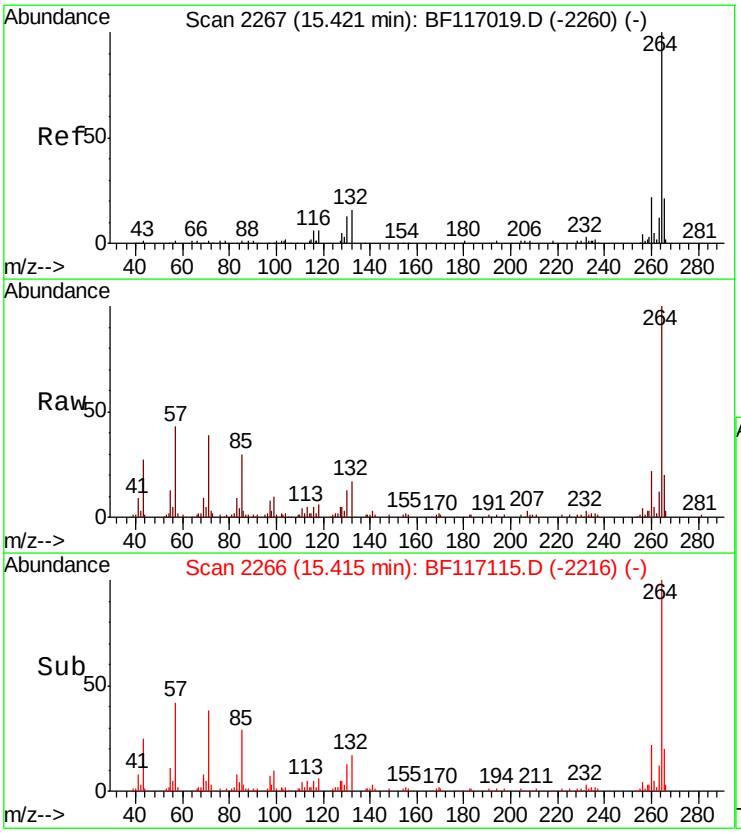
#79
Terphenyl-d14
Concen: 100.293 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Instrument :
BNA_F
ClientSampleId :
COMP-30

Tgt Ion:244 Resp: 752877

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.3	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: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion:264 Resp: 128648

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.6	26.4
265	20.1	16.6	24.8