Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117158.D
Acq On : 18 Sep 2019 21:20
Operator : HP/JU
Sample : K4870-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 05:16:13 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	69013	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	267616	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	136602	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	222504	20.00	ng	0.00
76) Chrysene-d12	13.96	240	159005	20.00	ng	-0.01
87) Perylene-d12	15.42	264	148658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	237703	53.77	ng	0.00
7) Phenol-d6	6.46	99	188048	32.92	ng	0.00
23) Nitrobenzene-d5	7.39	82	486159	95.45	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	159636	139.83	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	861437	98.60	ng	0.00
79) Terphenyl-d14	12.91	244	832699	97.89	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	11649	Below Cal	#	76
19) n-Nitroso-di-n-propylamine	7.38	70	62706	18.026	ng	# 79
25) Isophorone	7.39	82	486156	53.909	ng	# 66
50) Dimethylphthalate	9.57	163	54910	5.677	ng	99
57) 2,4-Dinitrotoluene	9.85	165	16767	6.557	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.64	198	308	7.162	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	10080	4.436	ng	# 1
69) Atrazine	11.12	200	131	Below Cal	#	38
77) Benzidine	12.91	184	11454	2.236	ng	# 93

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

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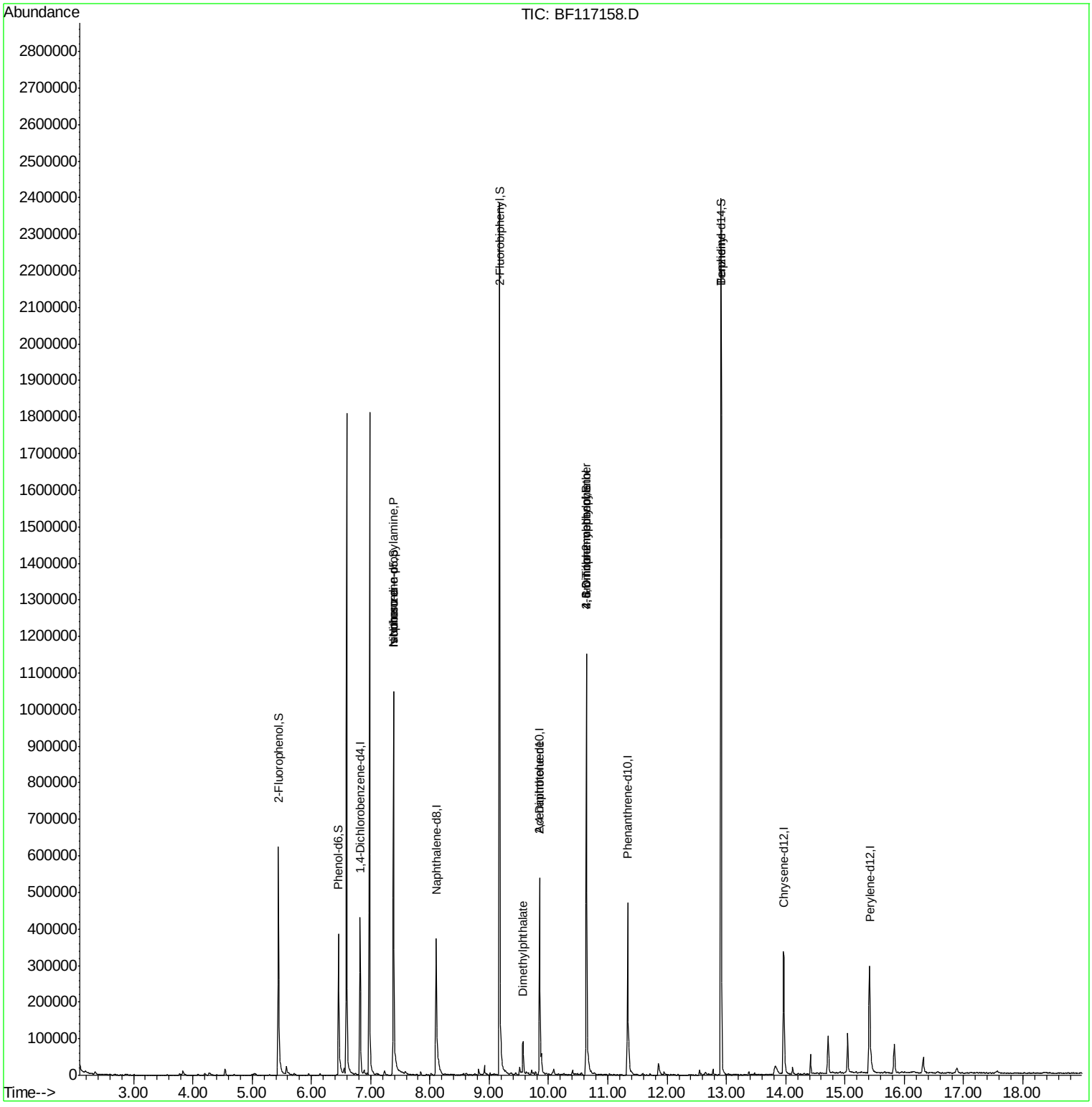
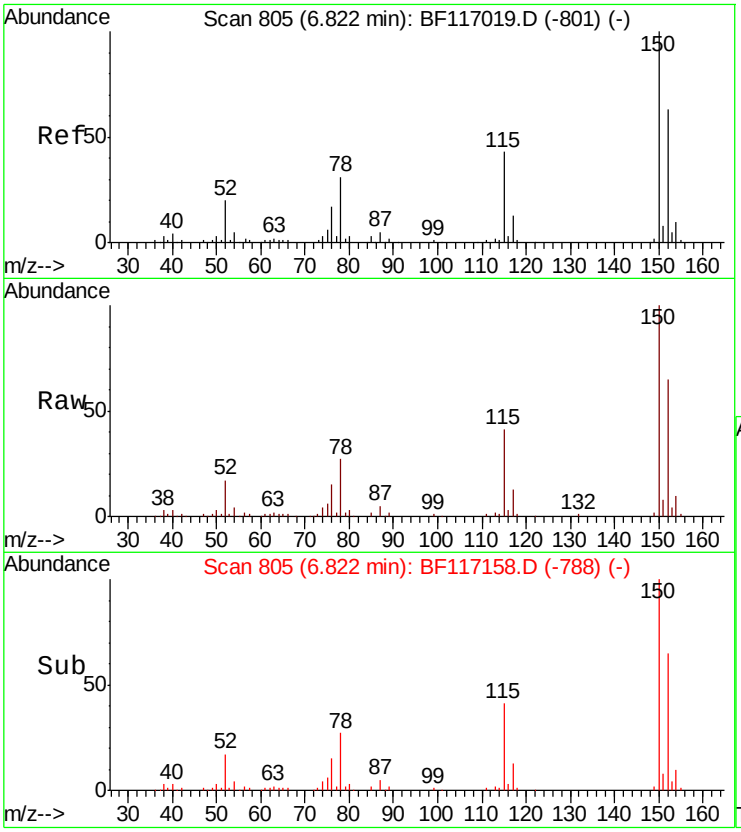


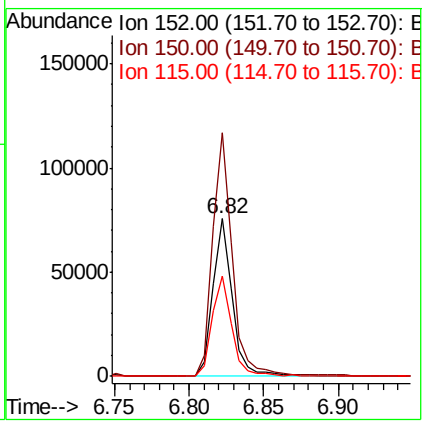


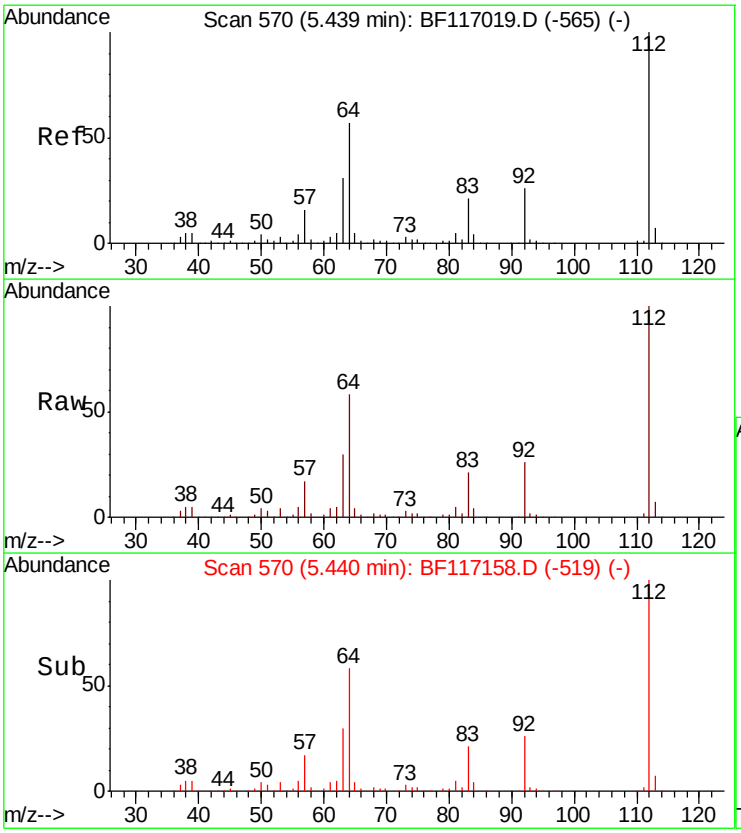
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 69013

Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.5	191.3
115	63.7	55.0	82.4

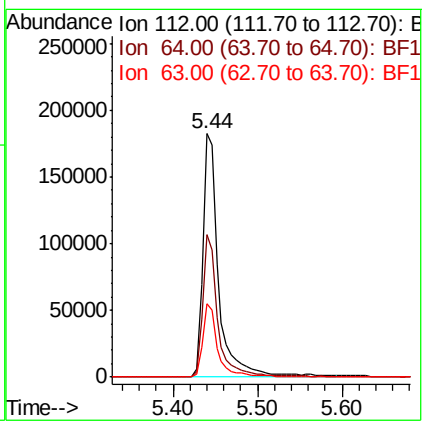


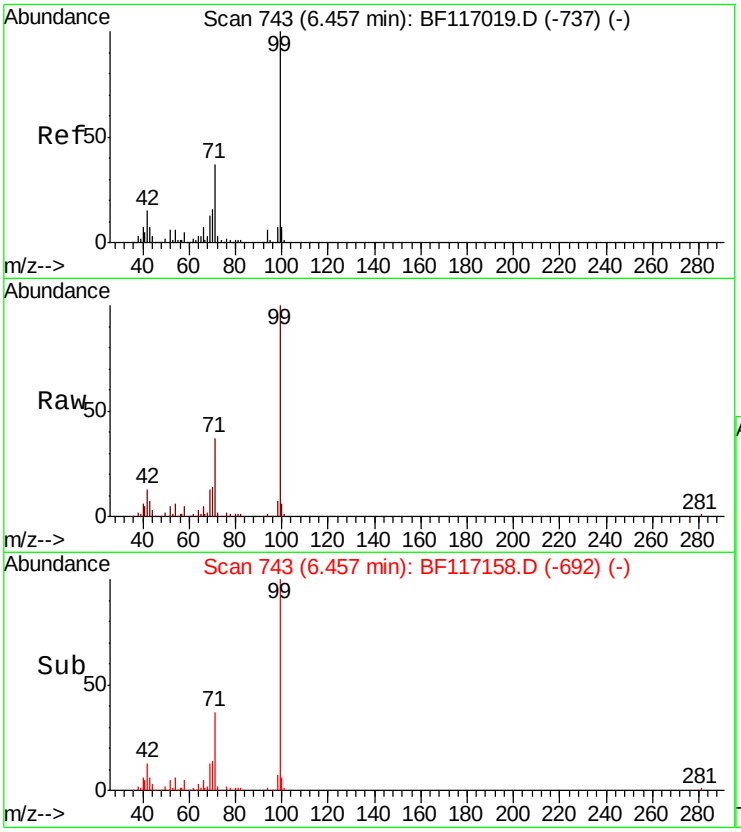


#5
2-Fluorophenol
Concen: 53.774 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion:112 Resp: 237703

Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.7	68.5
63	30.4	24.9	37.3



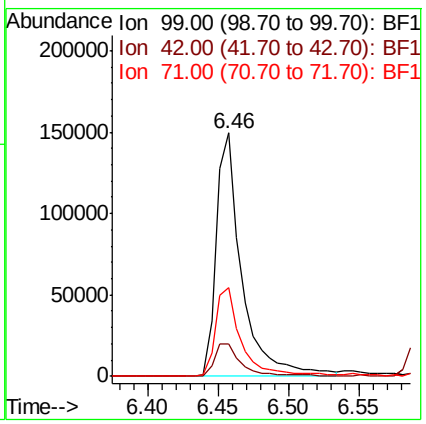


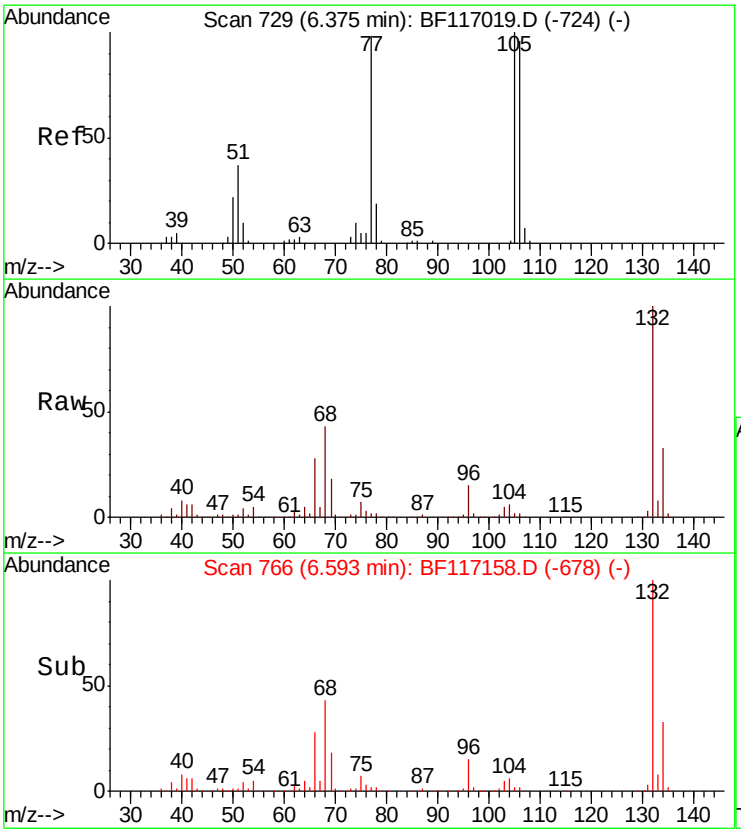
#7
Phenol-d6
Concen: 32.917 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 188048

Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.2	18.2
71	36.7	29.8	44.8

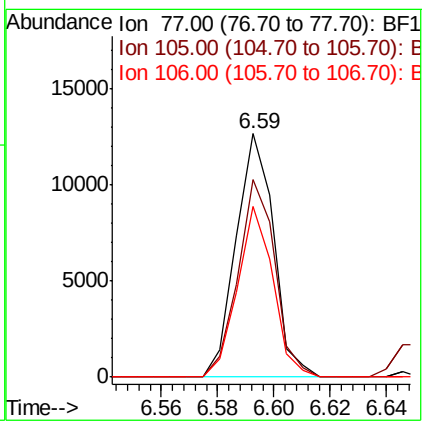


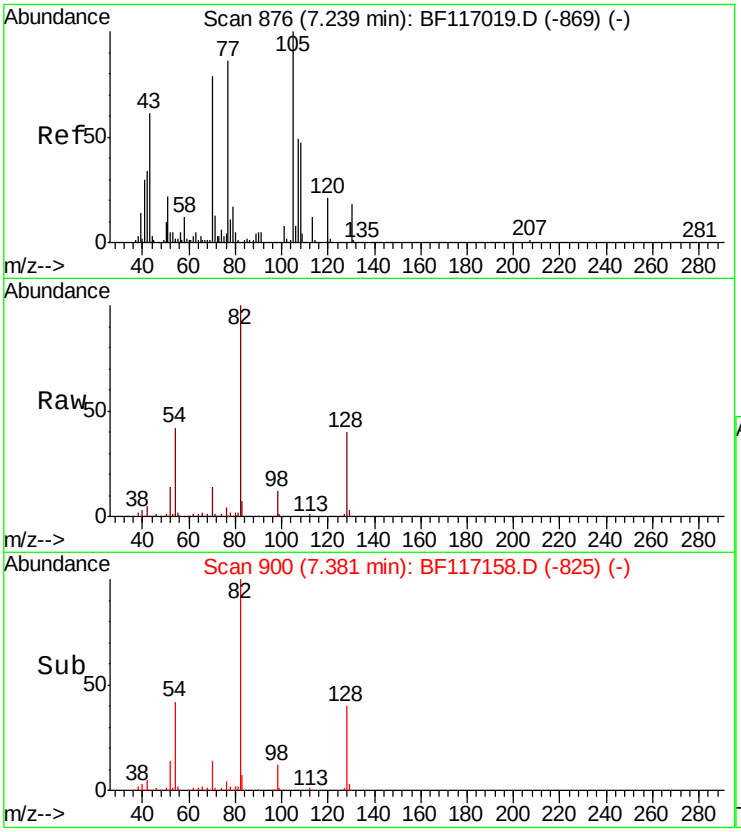


#9
Benzaldehyde
Concen: Below Cal
RT: 6.59 min Scan# 766
Delta R.T. 0.22 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion: 77 Resp: 11649

Ion	Ratio	Lower	Upper
77	100		
105	81.3	81.8	121.8#
106	70.3	77.3	117.3#



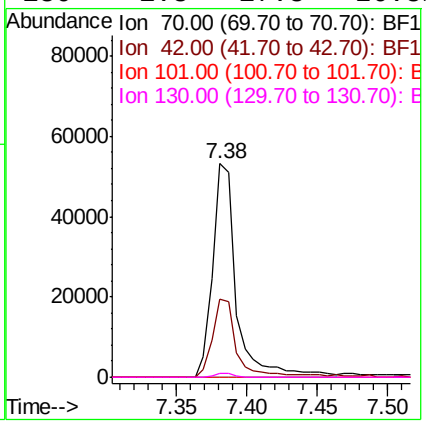


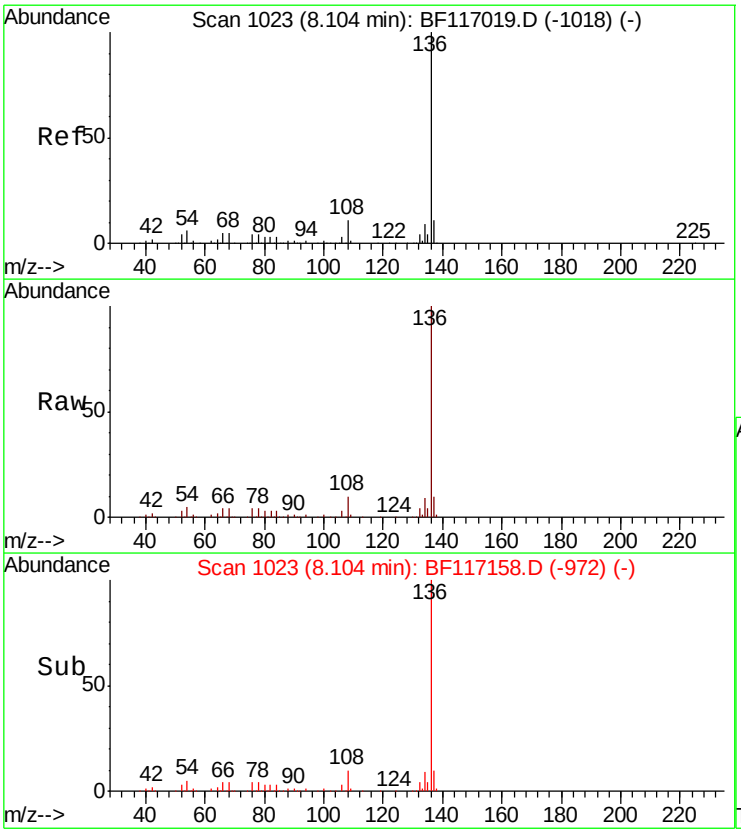
#19
n-Nitroso-di-n-propylamine
Concen: 18.026 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 62706

Ion	Ratio	Lower	Upper
70	100		
42	36.7	34.0	51.0
101	0.0	7.8	11.6#
130	1.8	17.8	26.8#

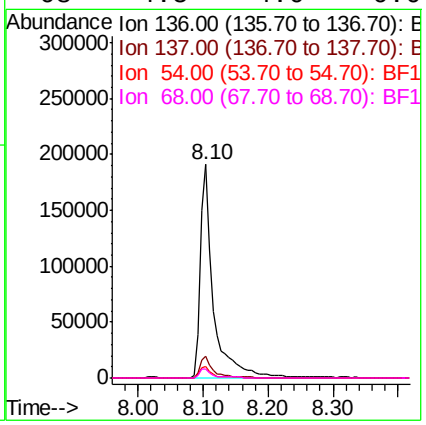


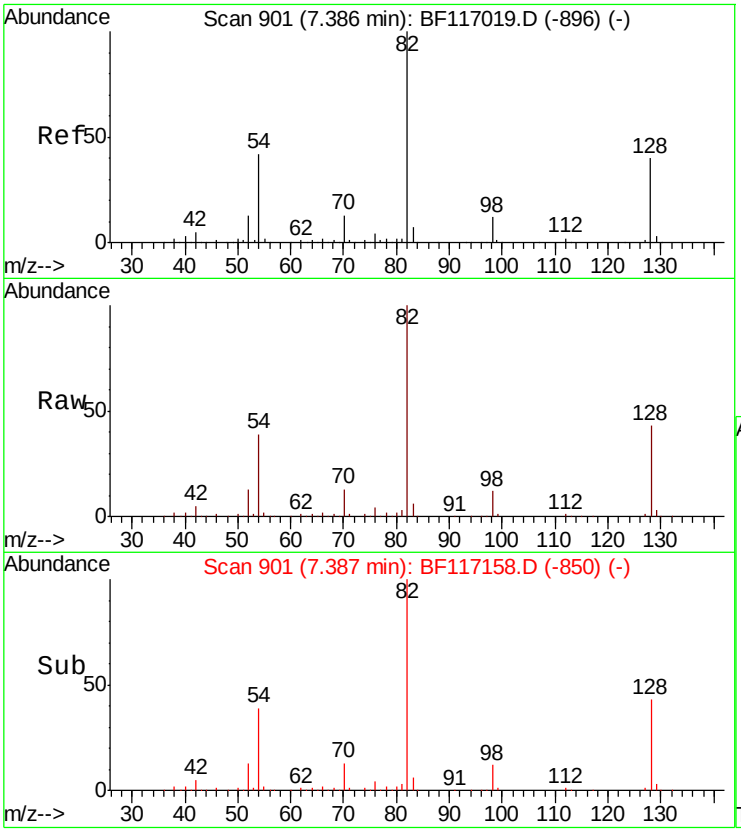


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion:136 Resp: 267616

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	5.2	4.5	6.7
68	4.5	4.0	6.0



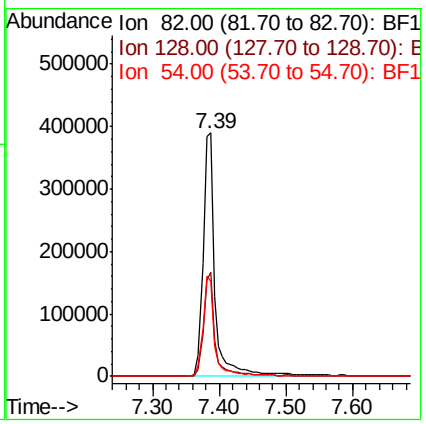


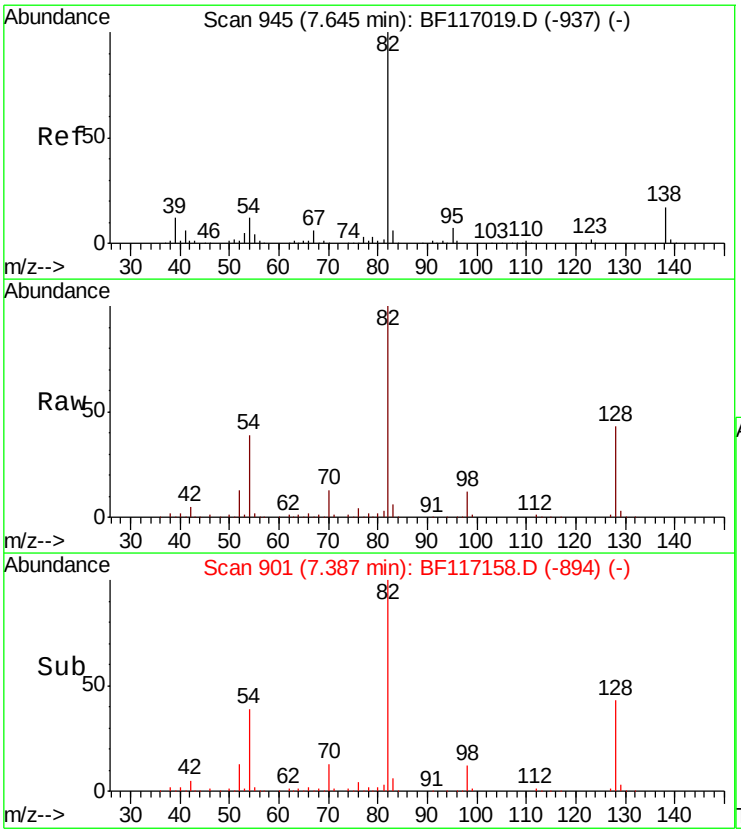
#23
Nitrobenzene-d5
Concen: 95.450 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 486159

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.3	48.5
54	39.1	33.3	49.9

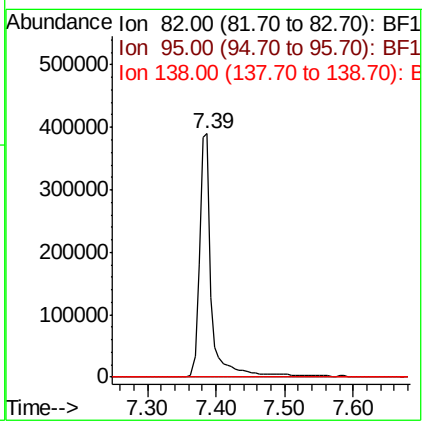


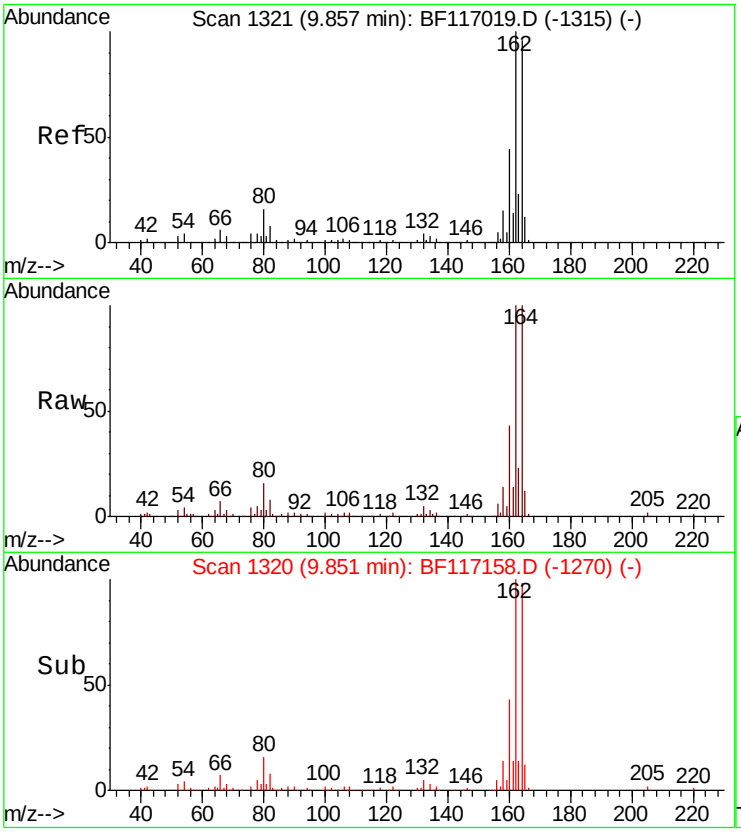


#25
Isophorone
Concen: 53.909 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion: 82 Resp: 486156

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



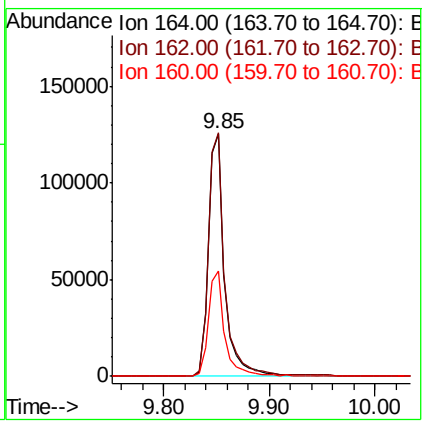


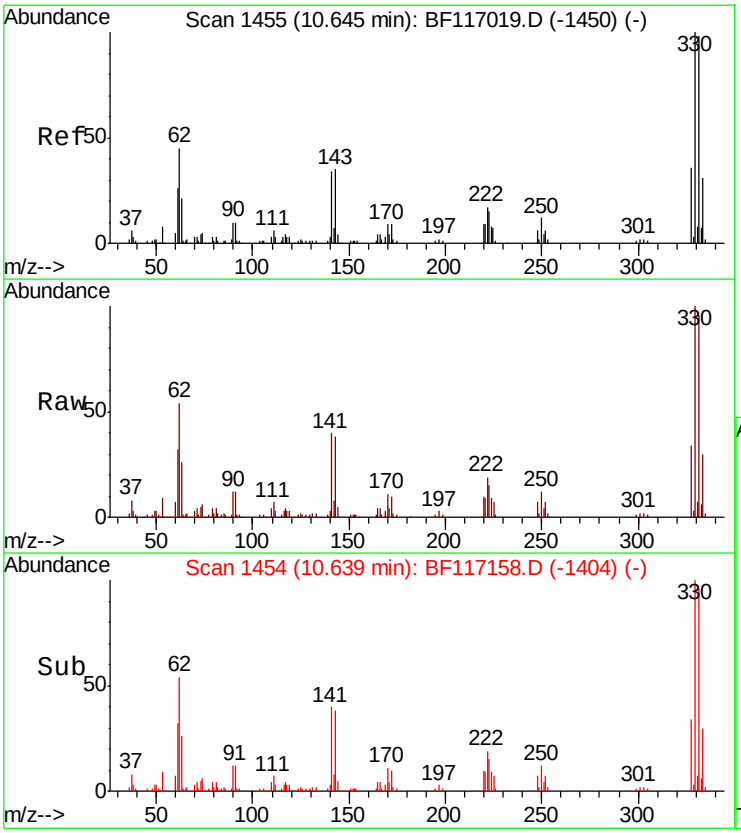
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 136602

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.4	125.2
160	43.4	36.4	54.6

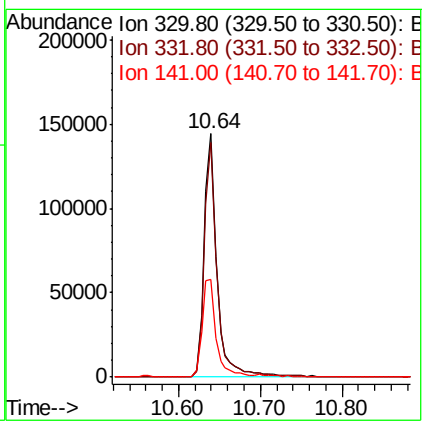


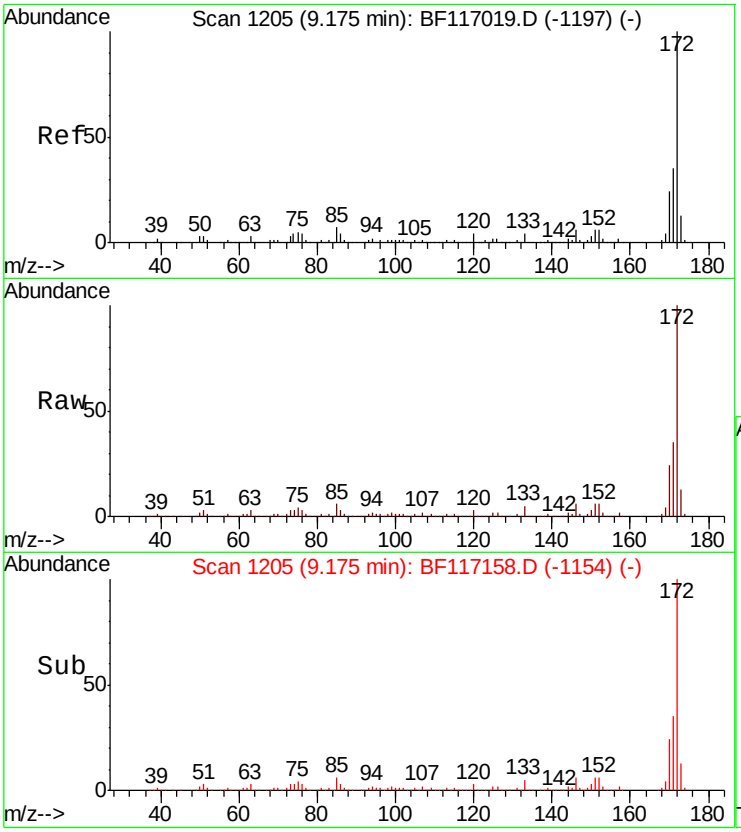


#42
2,4,6-Tribromophenol
Concen: 139.826 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion:330 Resp: 159636

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.0	117.0
141	45.1	35.8	53.6



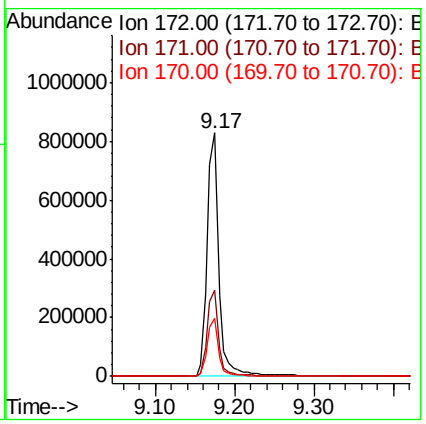


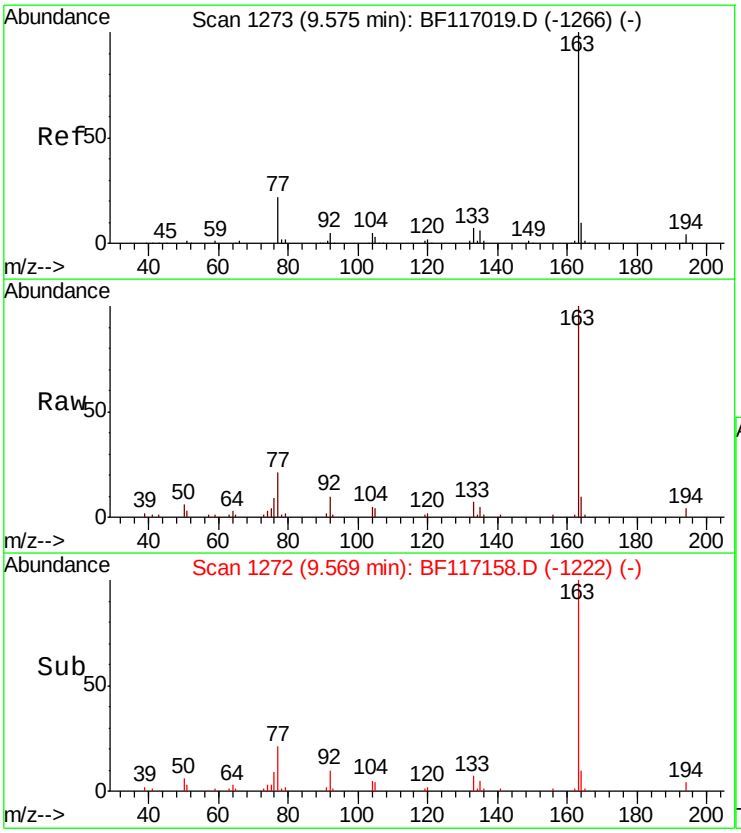
#45
2-Fluorobiphenyl
Concen: 98.602 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 861437

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.6	18.9	28.3

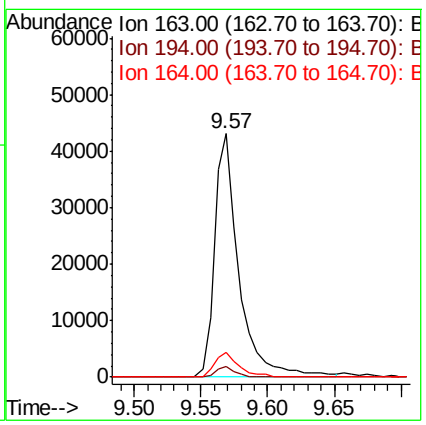


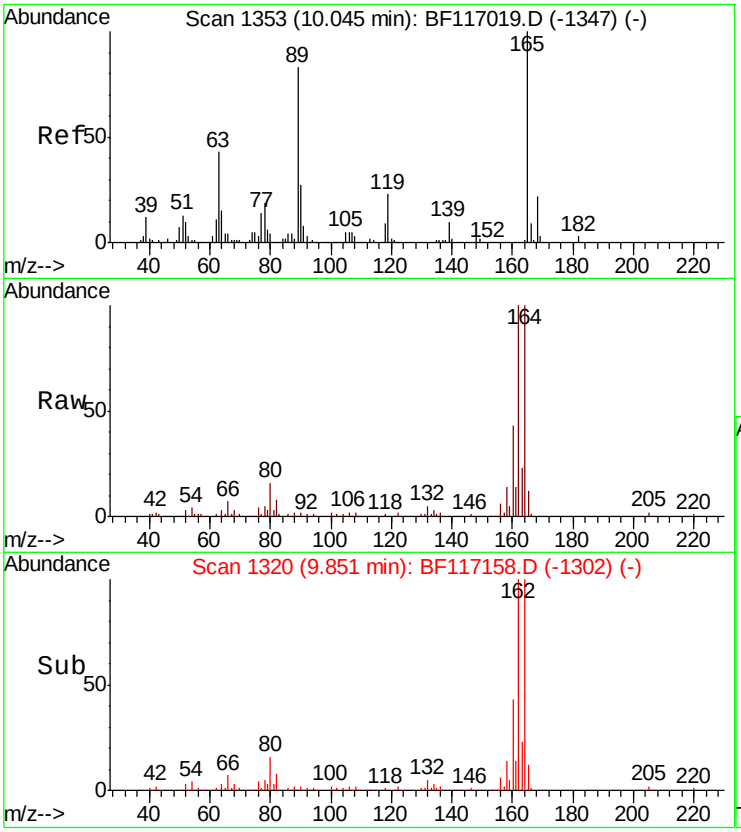


#50
Dimethylphthalate
Concen: 5.677 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion:163 Resp: 54910

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.9	4.3
164	10.2	8.2	12.4



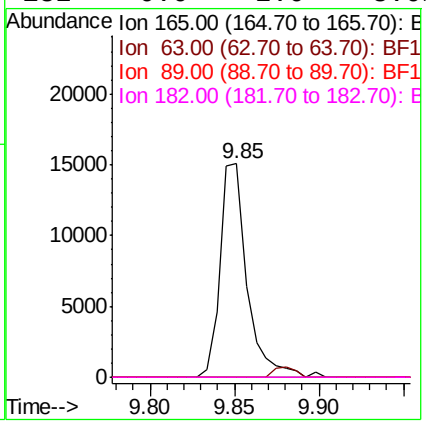


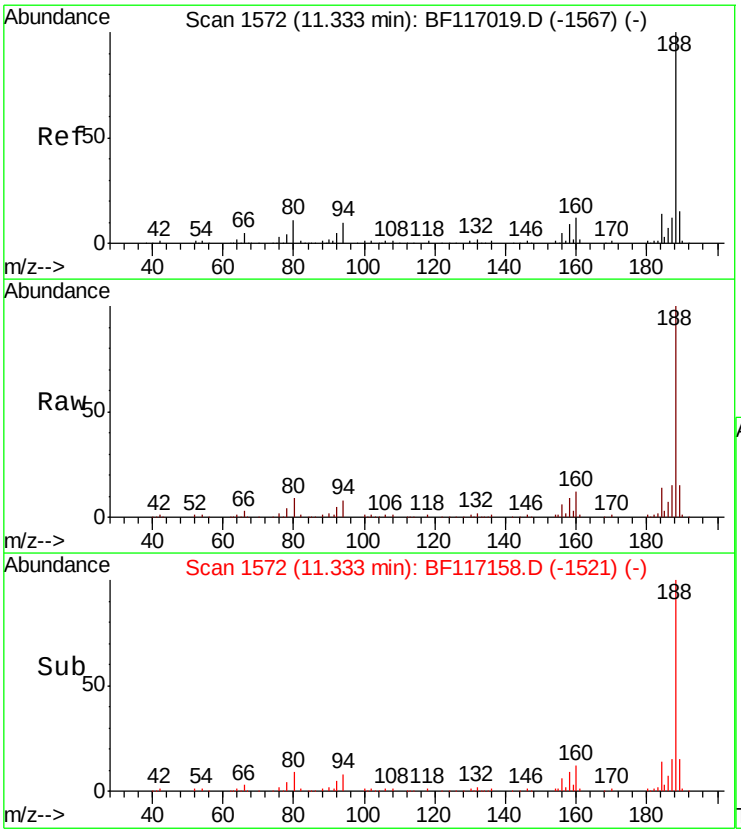
#57
2,4-Dinitrotoluene
Concen: 6.557 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16767

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#

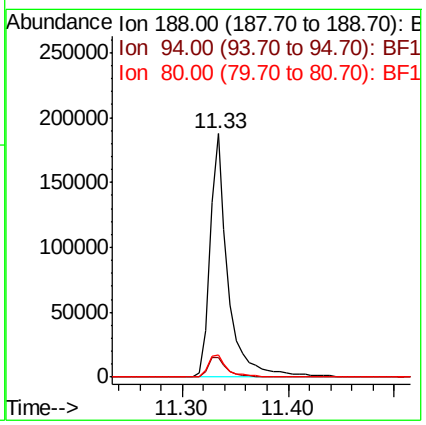


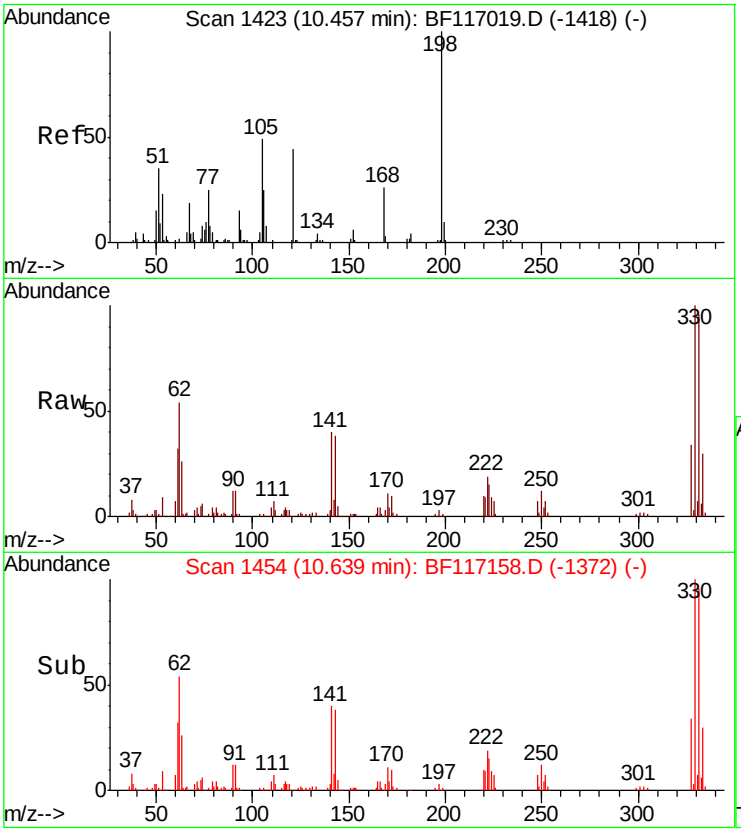


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion:188 Resp: 222504

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	9.1	9.0	13.6



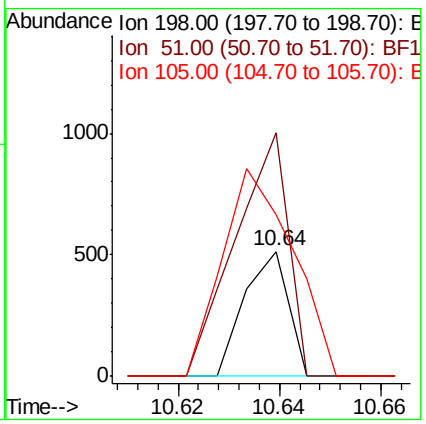


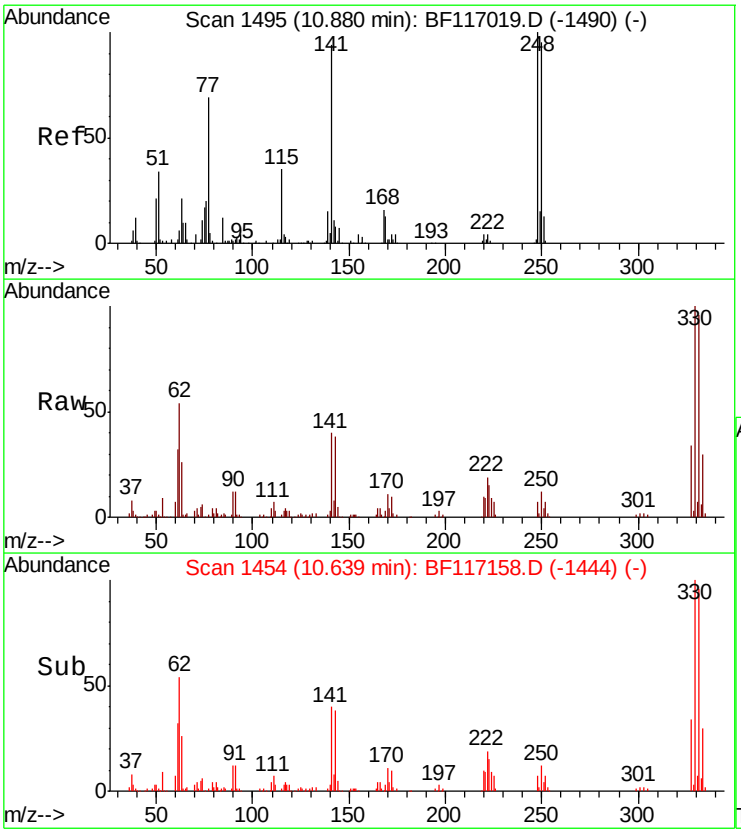
#65
4,6-Dinitro-2-methylphenol
Concen: 7.162 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 308

Ion	Ratio	Lower	Upper
198	100		
51	195.3	18.7	58.7#
105	130.2	30.2	70.2#

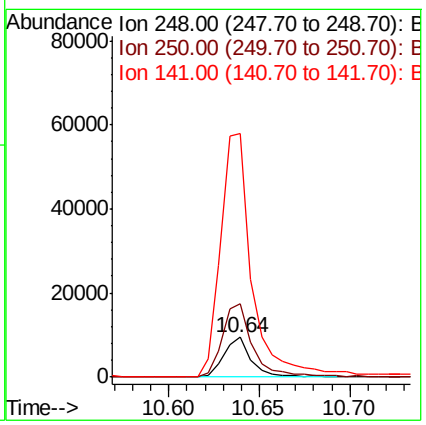


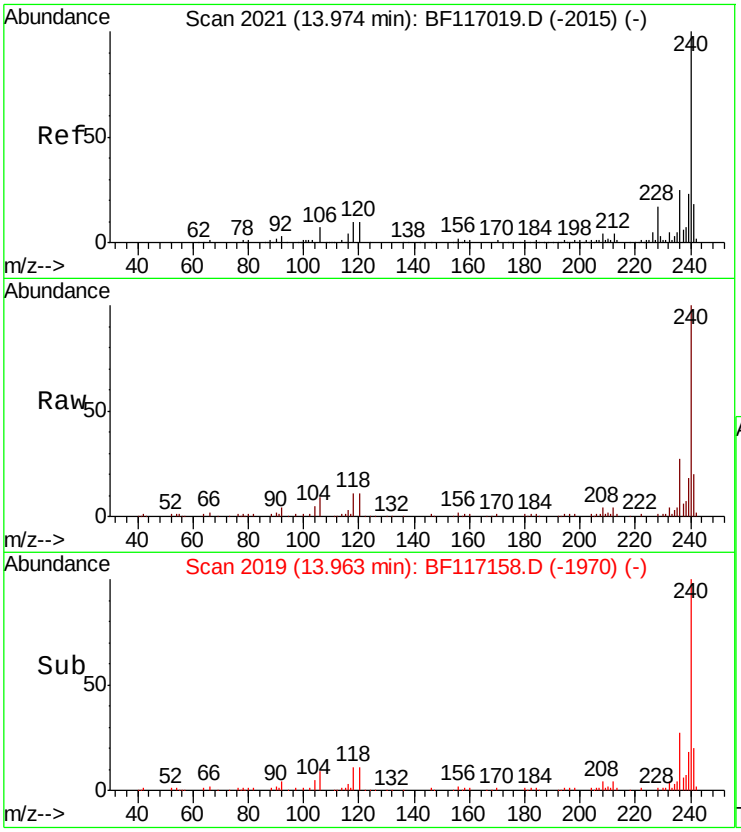


#67
4-Bromophenyl-phenylether
Concen: 4.436 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion:248 Resp: 10080

Ion	Ratio	Lower	Upper
248	100		
250	184.6	76.2	114.4#
141	614.3	75.0	112.4#



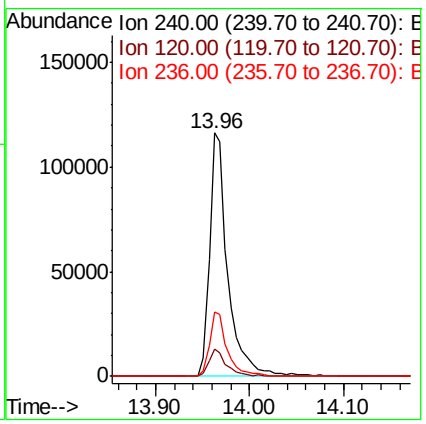


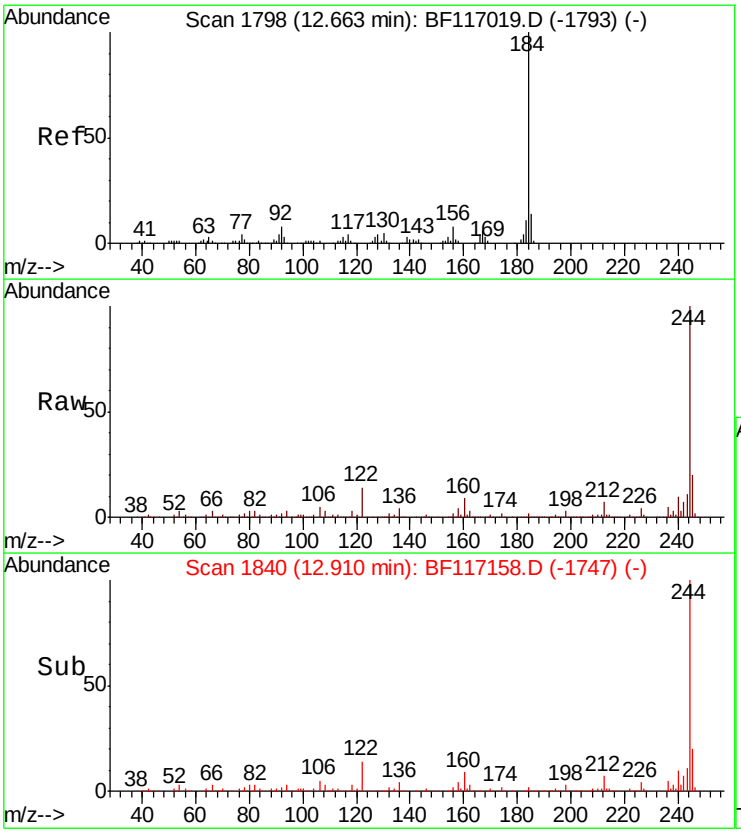
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 159005

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	26.6	20.3	30.5

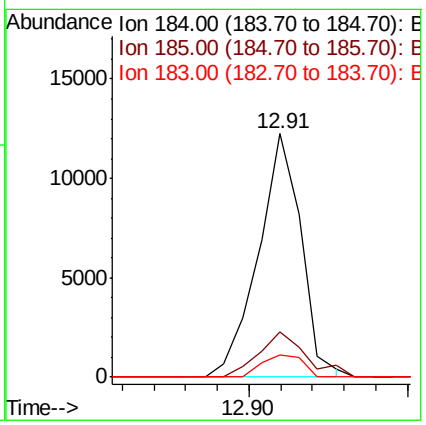


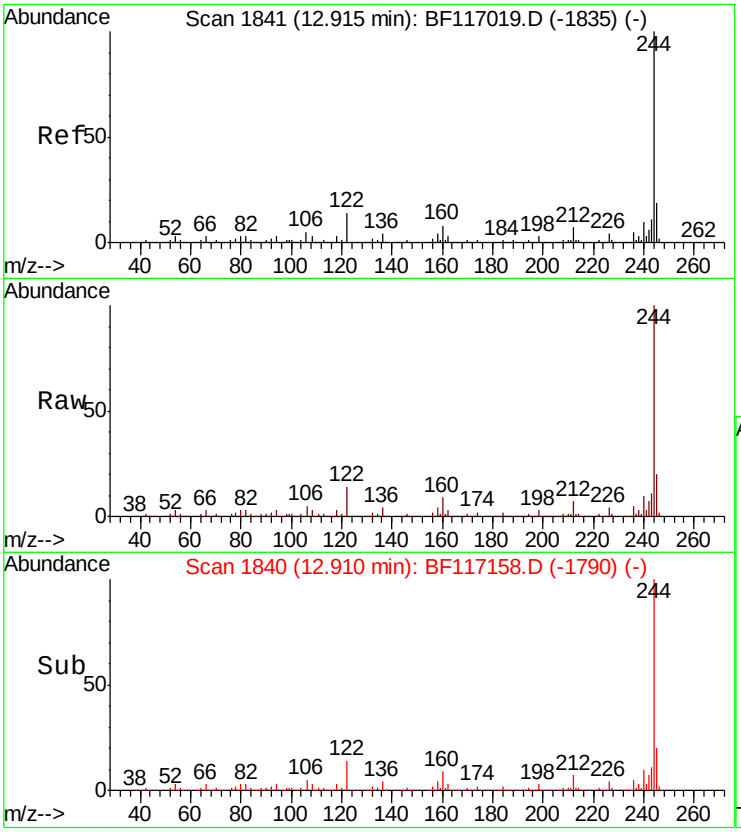


#77
Benzidine
Concen: 2.236 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.25 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion:184 Resp: 11454

Ion	Ratio	Lower	Upper
184	100		
185	18.4	11.6	17.4#
183	9.4	9.0	13.4



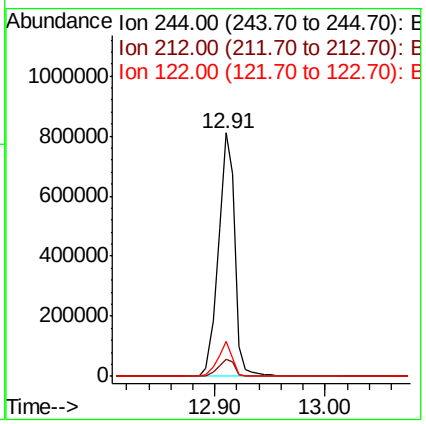


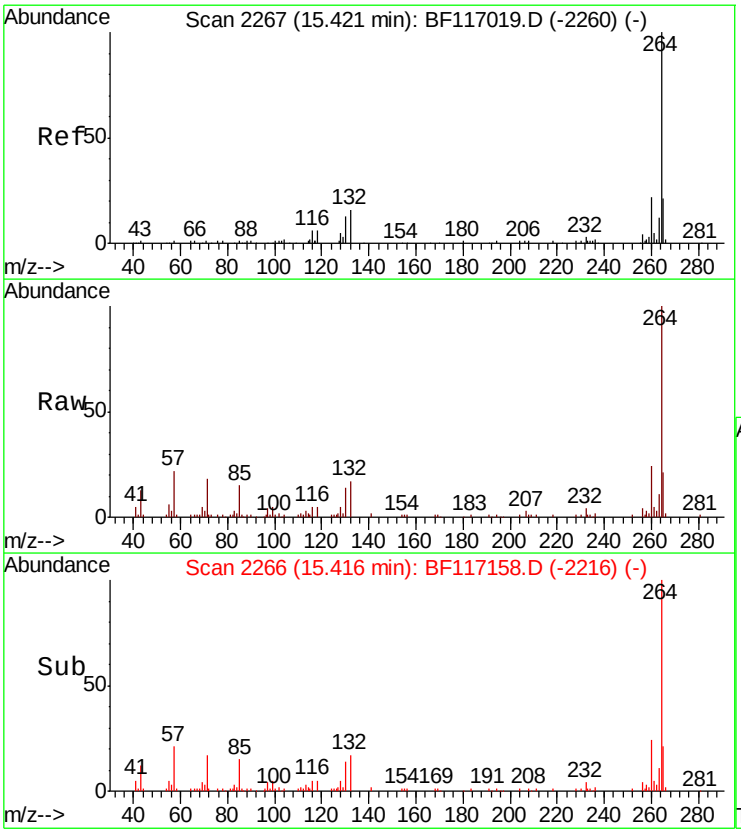
#79
Terphenyl-d14
Concen: 97.890 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 832699

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	14.2	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: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion:264 Resp: 148658

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.6	26.4
265	20.6	16.6	24.8