Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
Data File : BF117342.D
Acq On : 8 Oct 2019 16:05
Operator : JU
Sample : K5239-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 01:29:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	39790	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	161435	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	83426	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	144609	20.00	ng	0.00
76) Chrysene-d12	13.97	240	123902	20.00	ng	0.00
87) Perylene-d12	15.43	264	122463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	247696	97.19	ng	0.00
7) Phenol-d6	6.45	99	344723	104.66	ng	0.00
23) Nitrobenzene-d5	7.36	82	216150	70.35	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	67868	97.34	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	411885	77.20	ng	0.00
79) Terphenyl-d14	12.90	244	454691	68.60	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	326	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	27708	13.815	ng	# 79
25) Isophorone	7.36	82	216149	39.733	ng	# 66
50) Dimethylphthalate	9.55	163	27701	4.690	ng	98
51) 2,6-Dinitrotoluene	9.83	165	10622	8.829	ng	# 24
57) 2,4-Dinitrotoluene	9.83	165	10622	6.802	ng	# 18
67) 4-Bromophenyl-phenylether	10.63	248	4194	2.840	ng	# 1

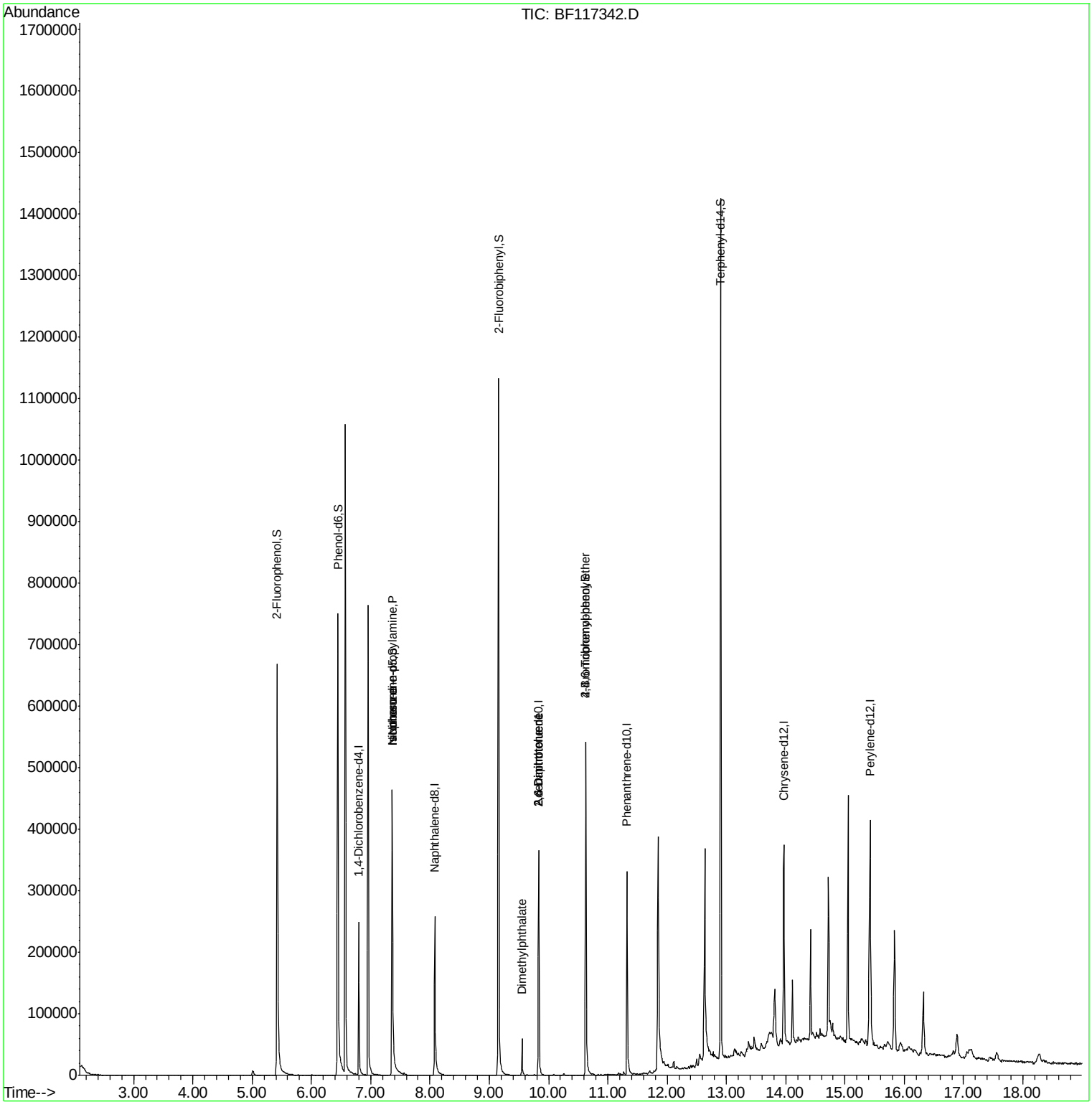
(#) = qualifier out of range (m) = manual integration (+) = signals summed

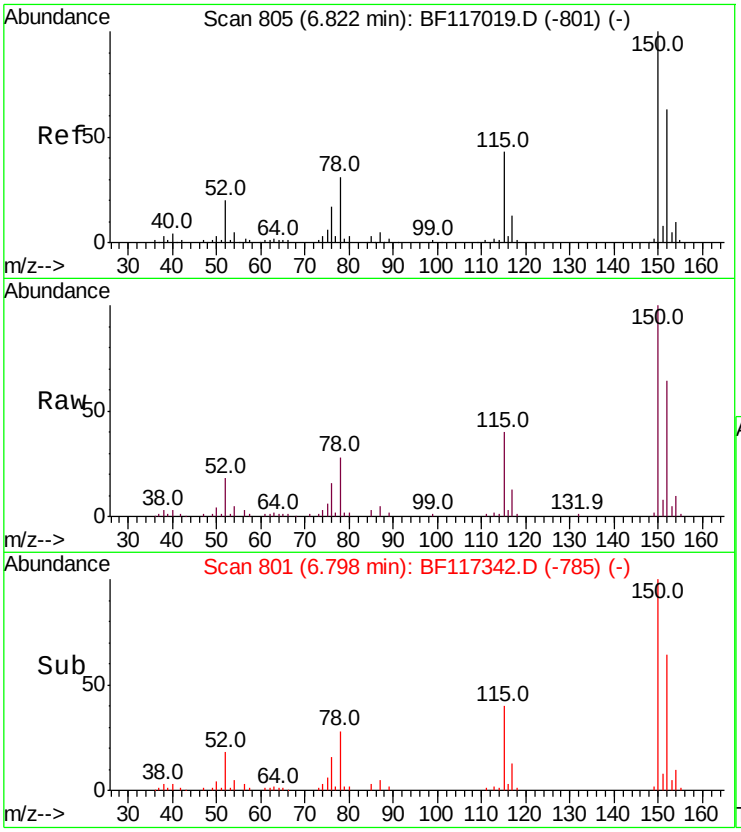
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
Data File : BF117342.D
Acq On : 8 Oct 2019 16:05
Operator : JU
Sample : K5239-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 09 01:29:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration



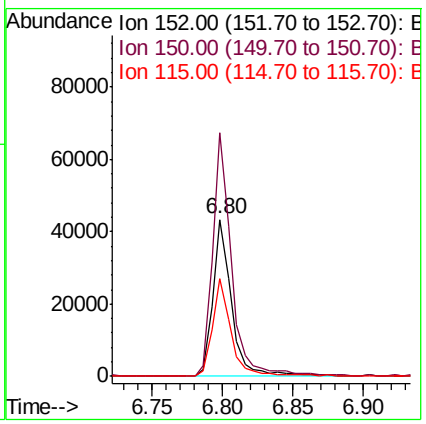


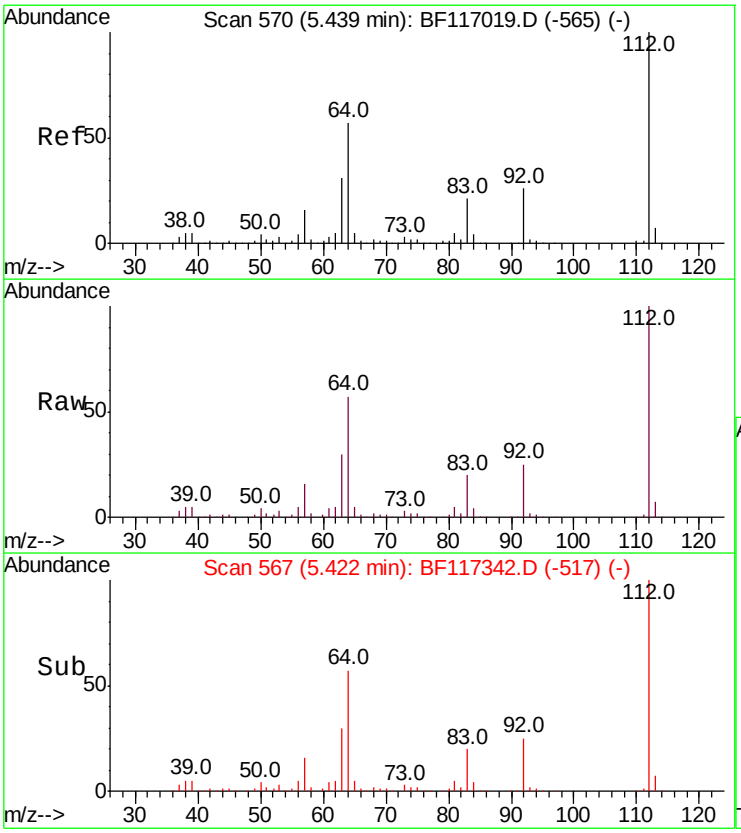
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39790

Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.5	191.3
115	61.9	55.0	82.4

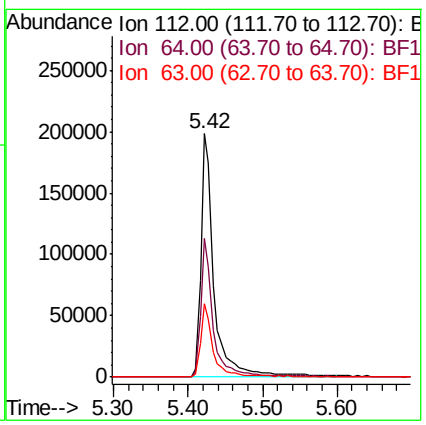


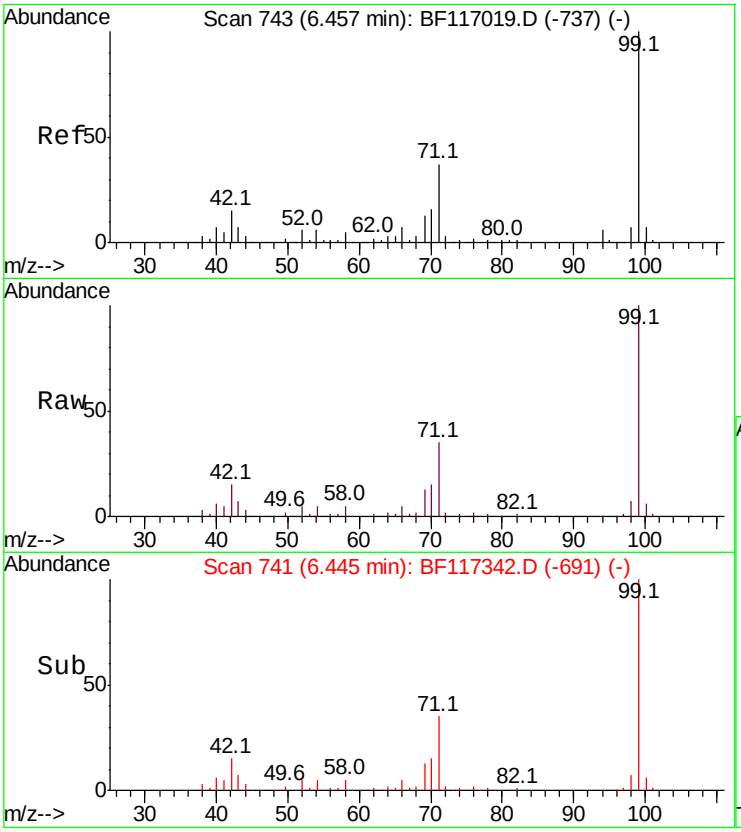


#5
2-Fluorophenol
Concen: 97.189 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion:112 Resp: 247696

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



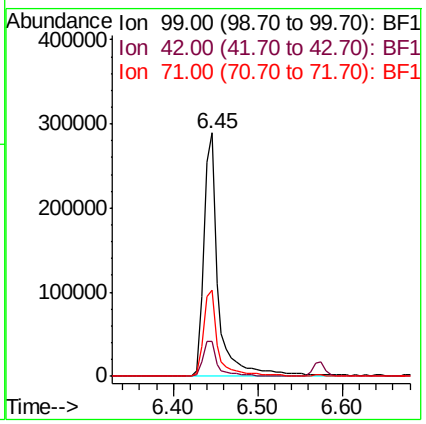


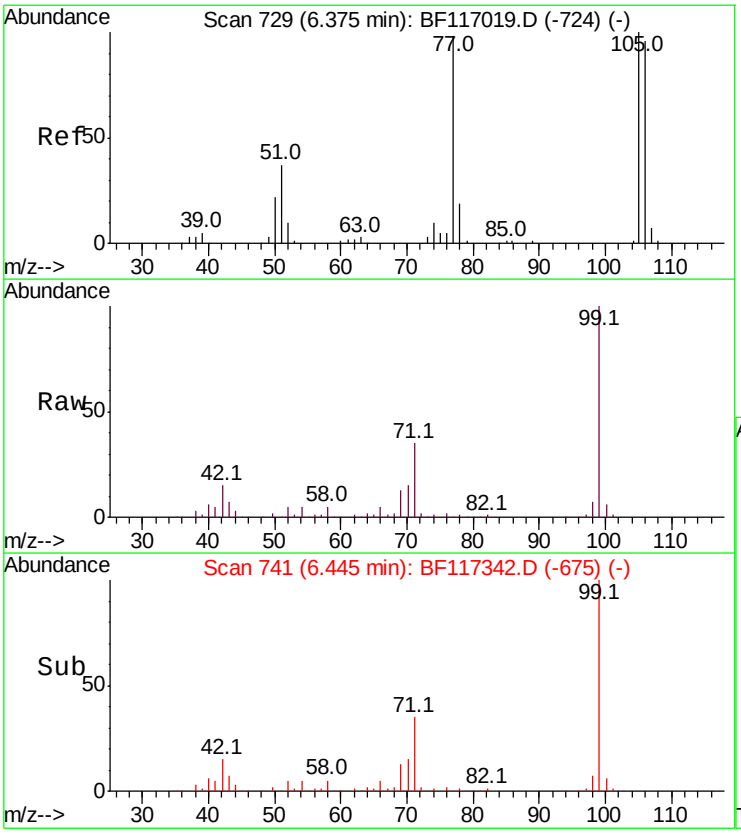
#7
Phenol-d6
Concen: 104.661 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 344723

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.2	18.2
71	35.5	29.8	44.8

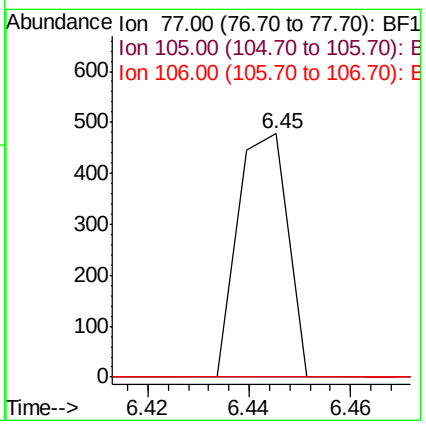


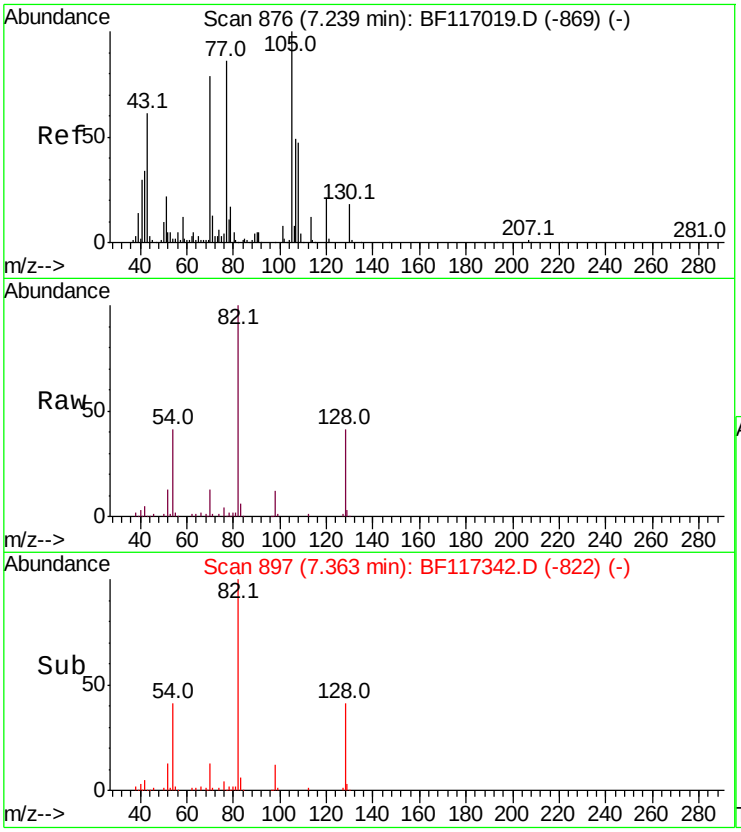


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 741
Delta R.T. 0.09 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion: 77 Resp: 326

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



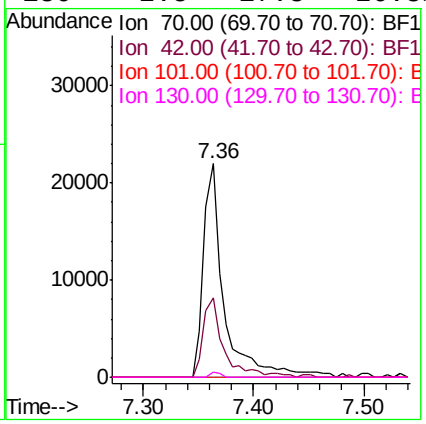


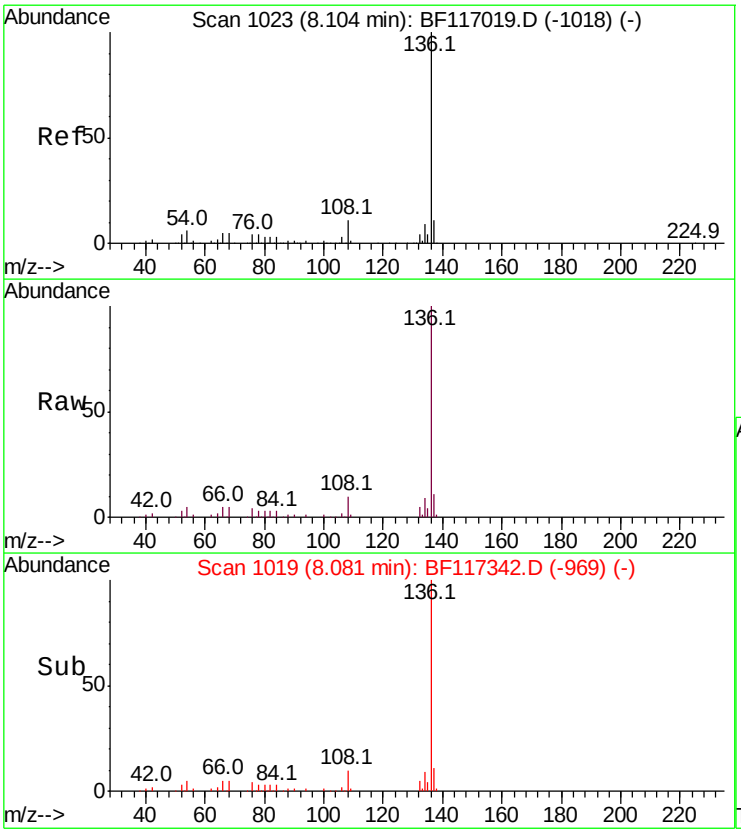
#19
n-Nitroso-di-n-propylamine
Concen: 13.815 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 27708

Ion	Ratio	Lower	Upper
70	100		
42	37.1	34.0	51.0
101	0.0	7.8	11.6#
130	2.5	17.8	26.8#

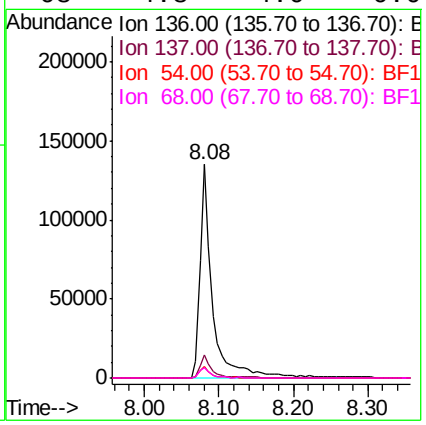


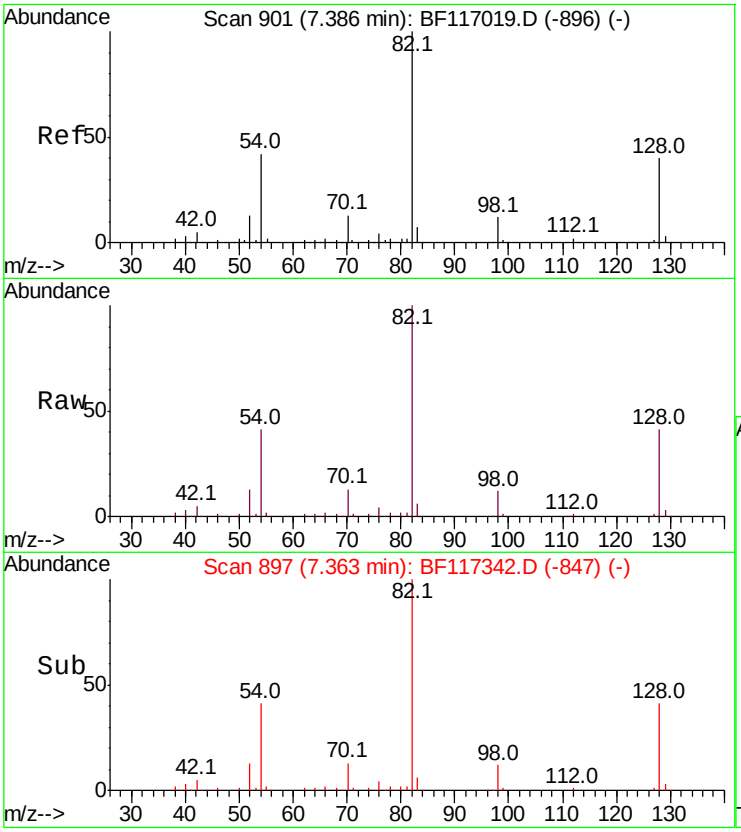


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion:136 Resp: 161435

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.4	4.5	6.7
68	4.8	4.0	6.0



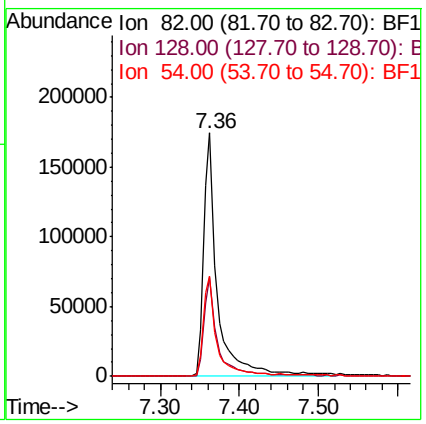


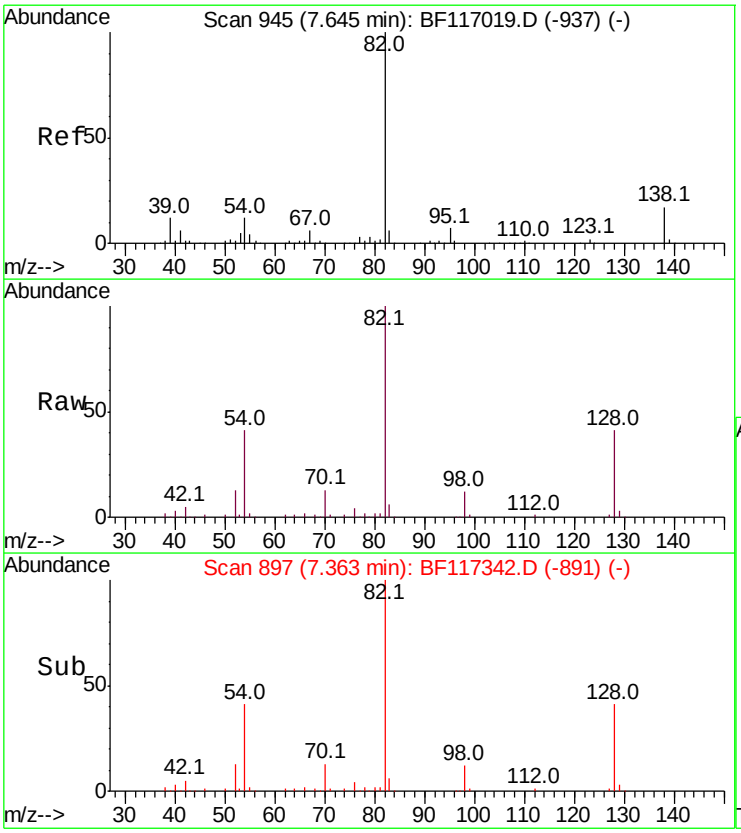
#23
Nitrobenzene-d5
Concen: 70.351 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 216150

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.3	48.5
54	41.1	33.3	49.9

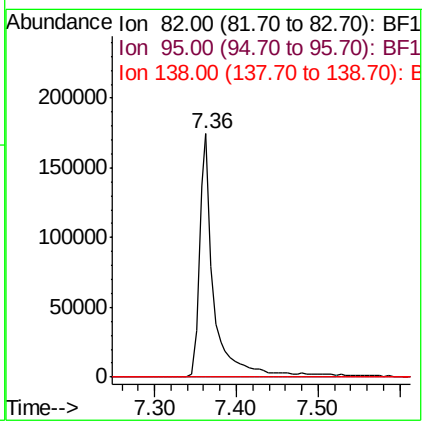


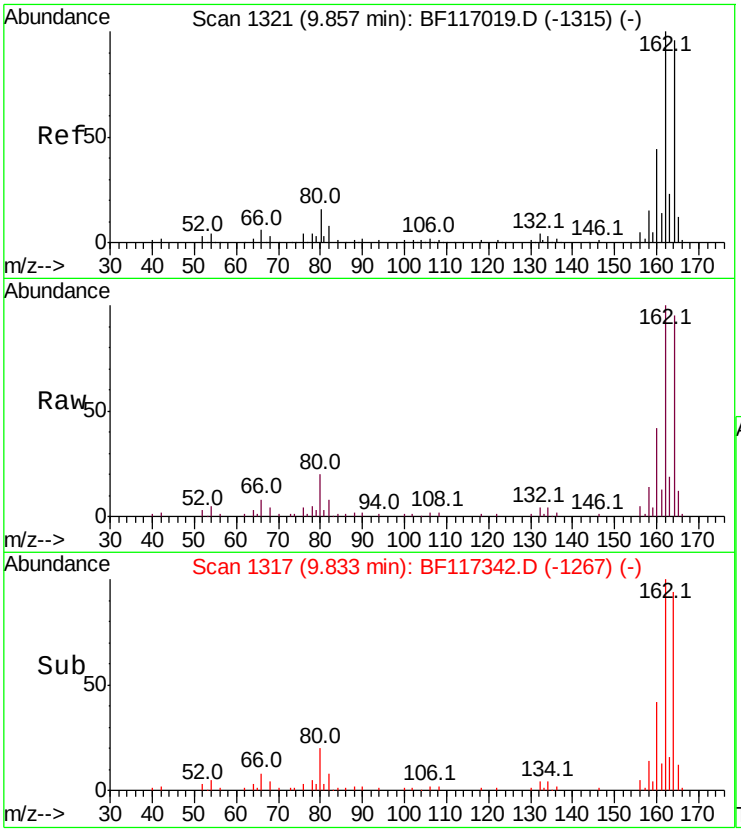


#25
Isophorone
Concen: 39.733 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion: 82 Resp: 216149

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



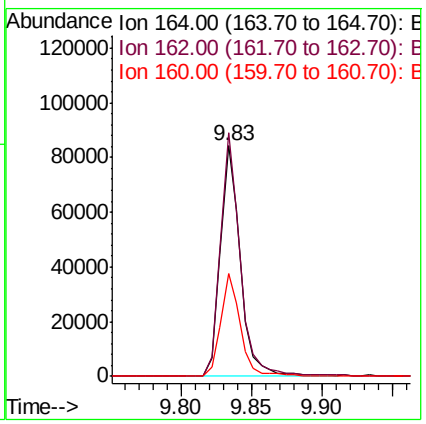


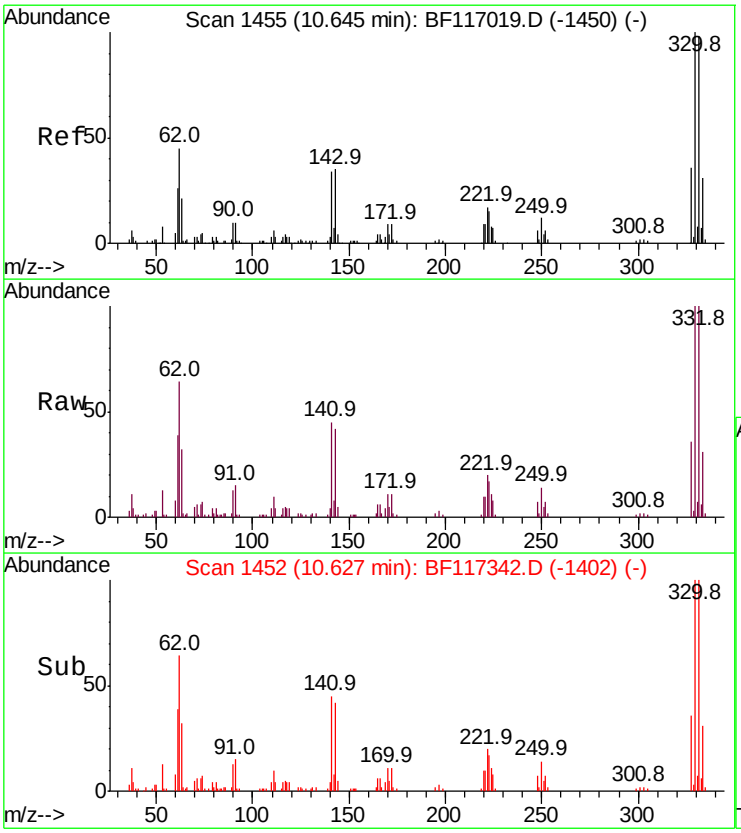
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 83426

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.4	125.2
160	44.5	36.4	54.6

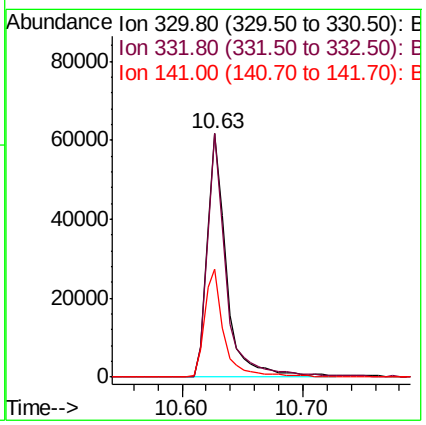


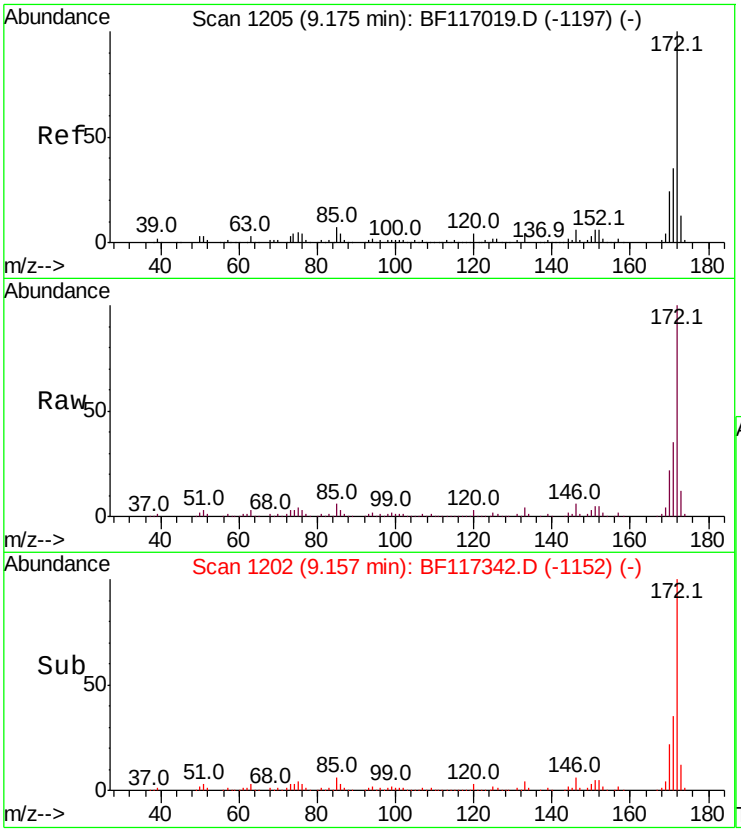


#42
2,4,6-Tribromophenol
Concen: 97.337 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion:330 Resp: 67868

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	44.7	35.8	53.6



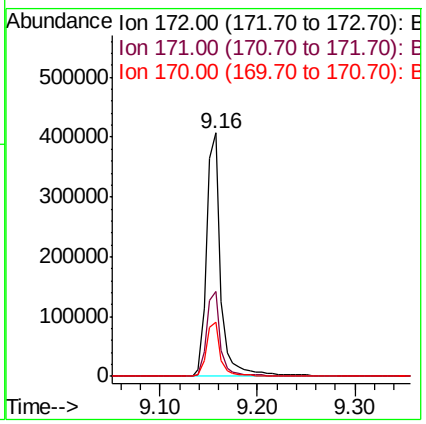


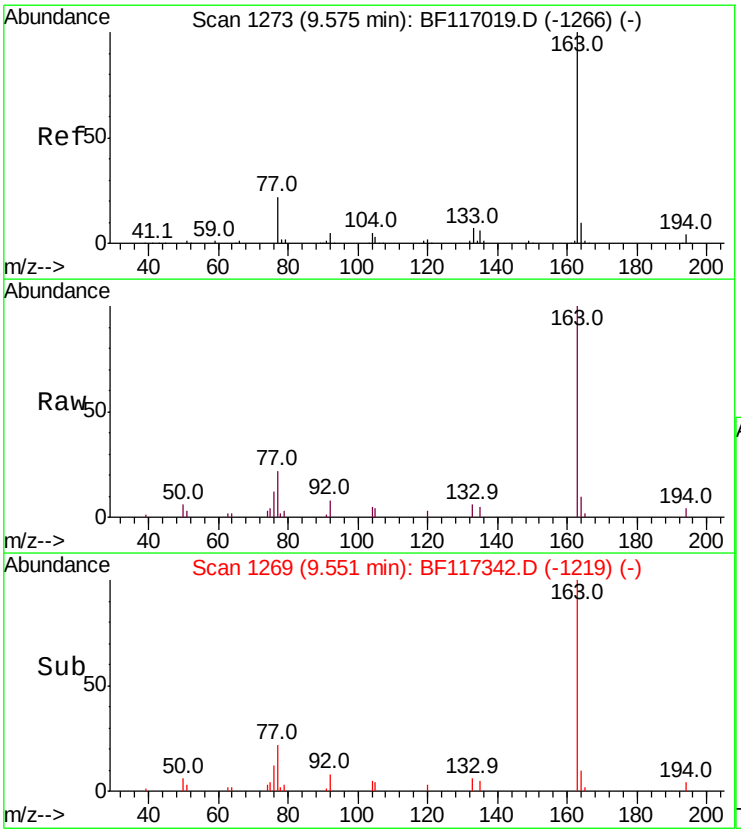
#45
2-Fluorobiphenyl
Concen: 77.196 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 411885

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	22.1	18.9	28.3

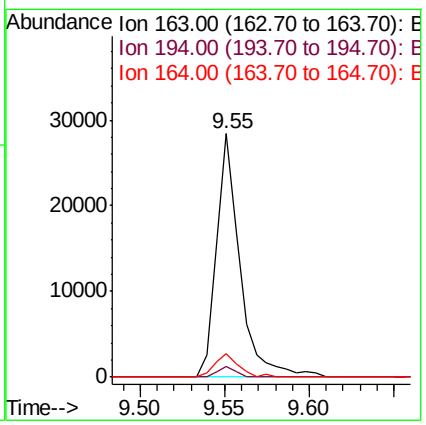


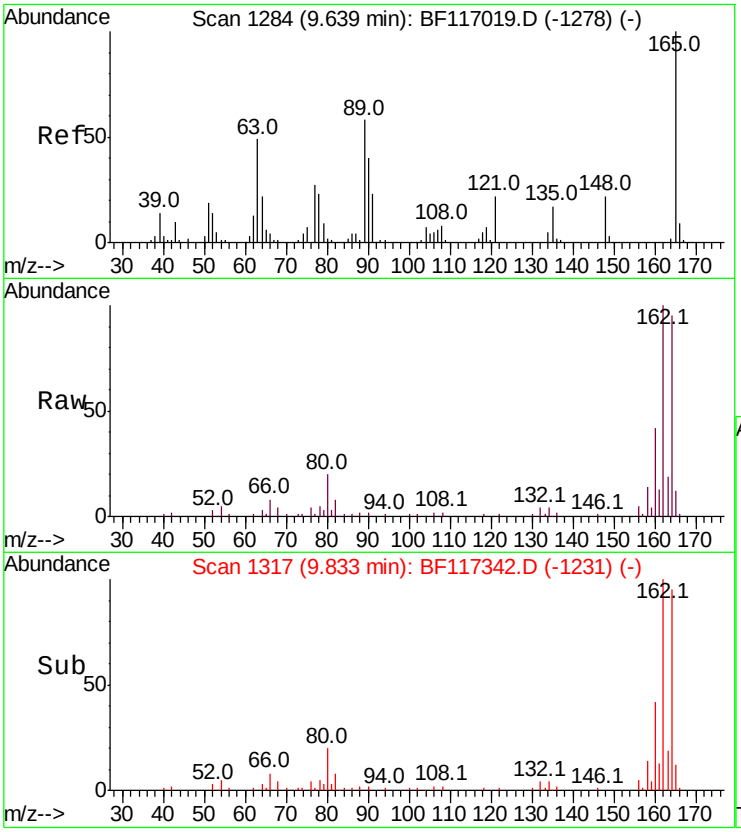


#50
Dimethylphthalate
Concen: 4.690 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion:163 Resp: 27701

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.9	4.3
164	9.6	8.2	12.4



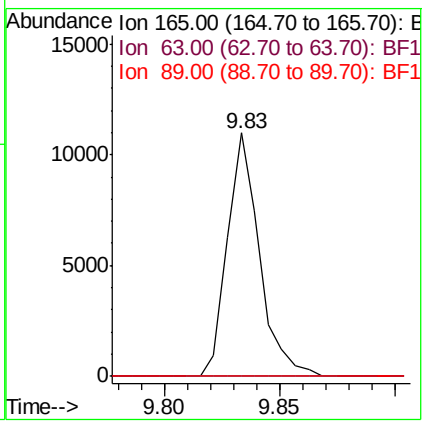


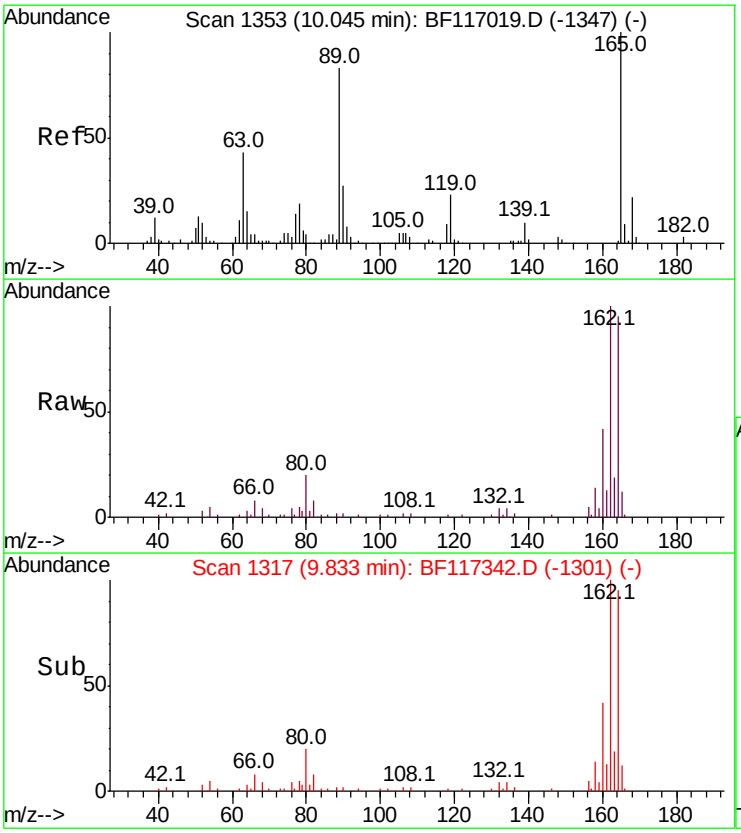
#51
2,6-Dinitrotoluene
Concen: 8.829 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10622

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

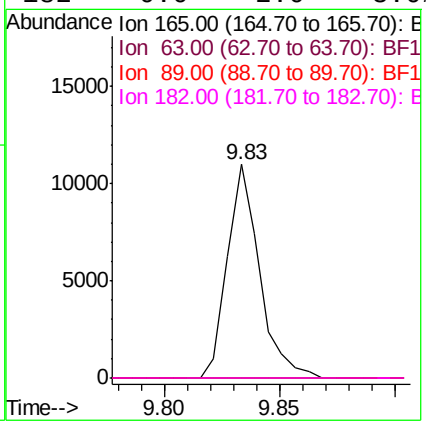


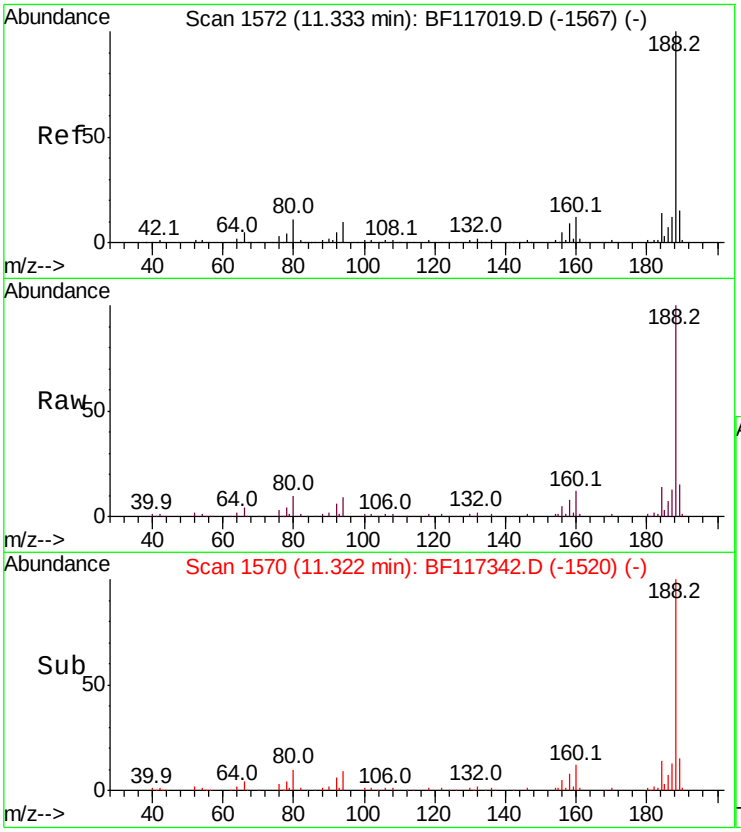


#57
2,4-Dinitrotoluene
Concen: 6.802 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion:165 Resp: 10622

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#



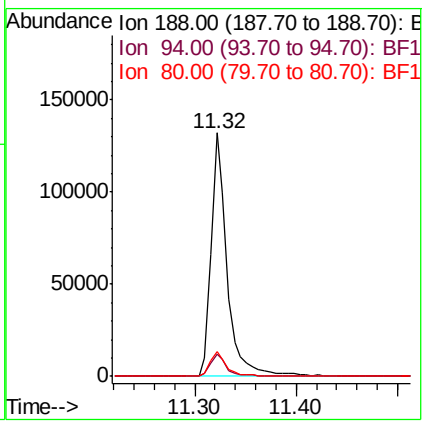


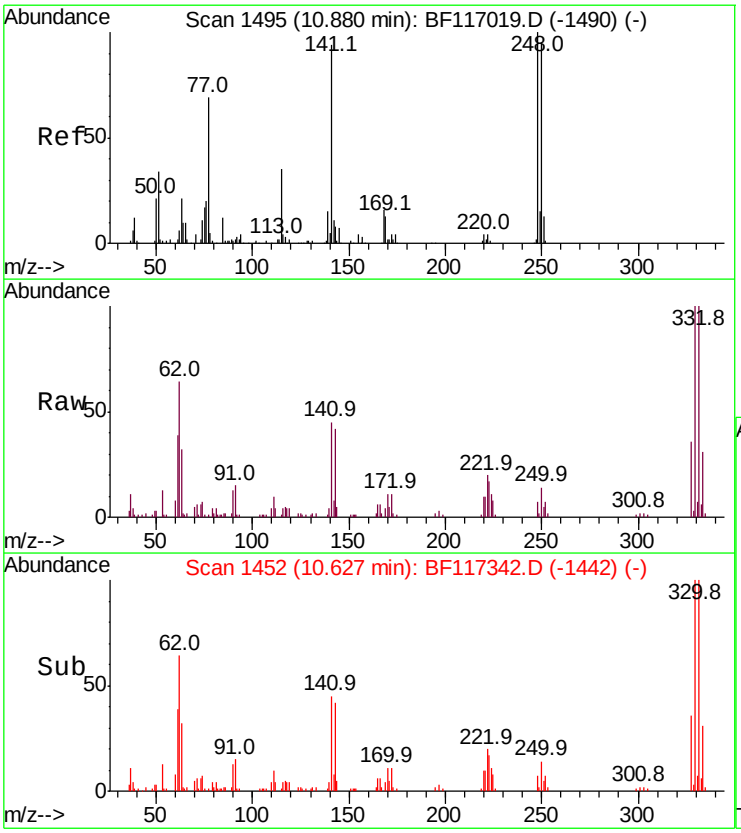
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 144609

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	10.0	9.0	13.6

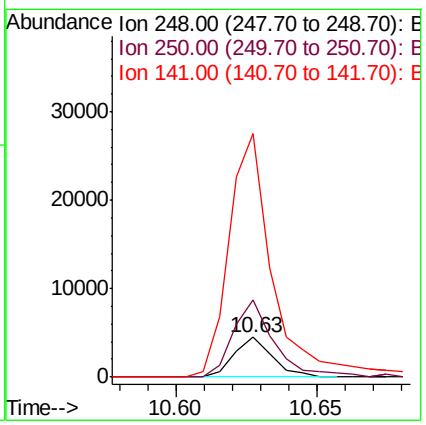


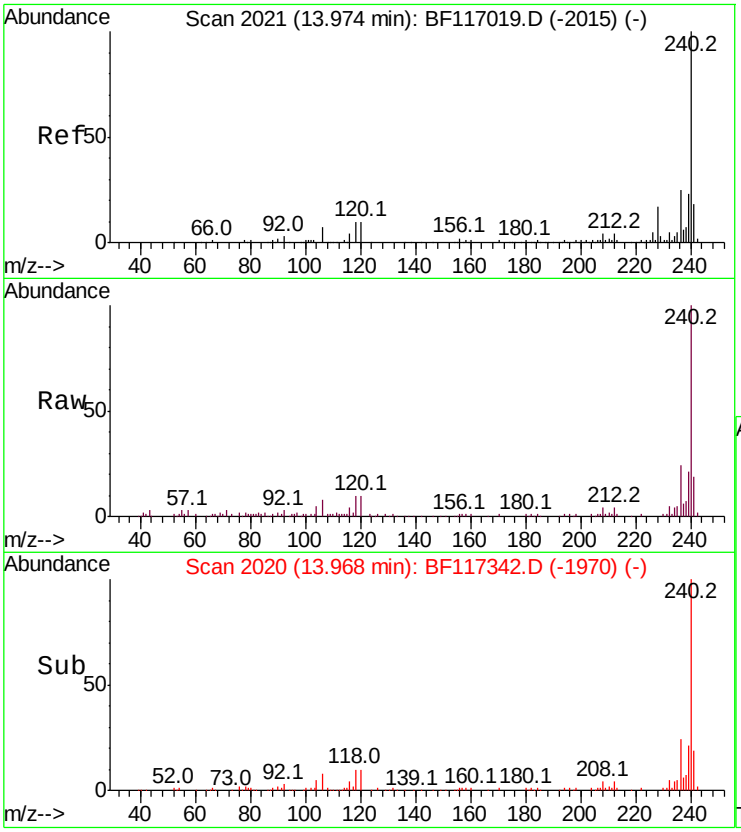


#67
4-Bromophenyl-phenylether
Concen: 2.840 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion:248 Resp: 4194

Ion	Ratio	Lower	Upper
248	100		
250	195.5	76.2	114.4#
141	615.0	75.0	112.4#



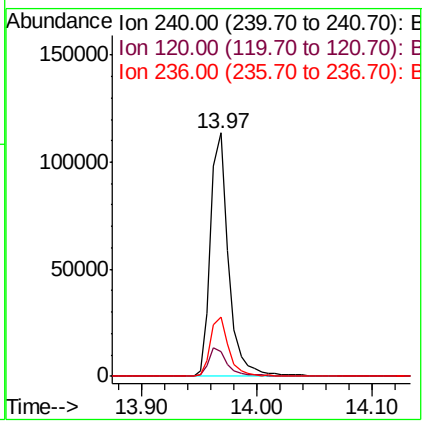


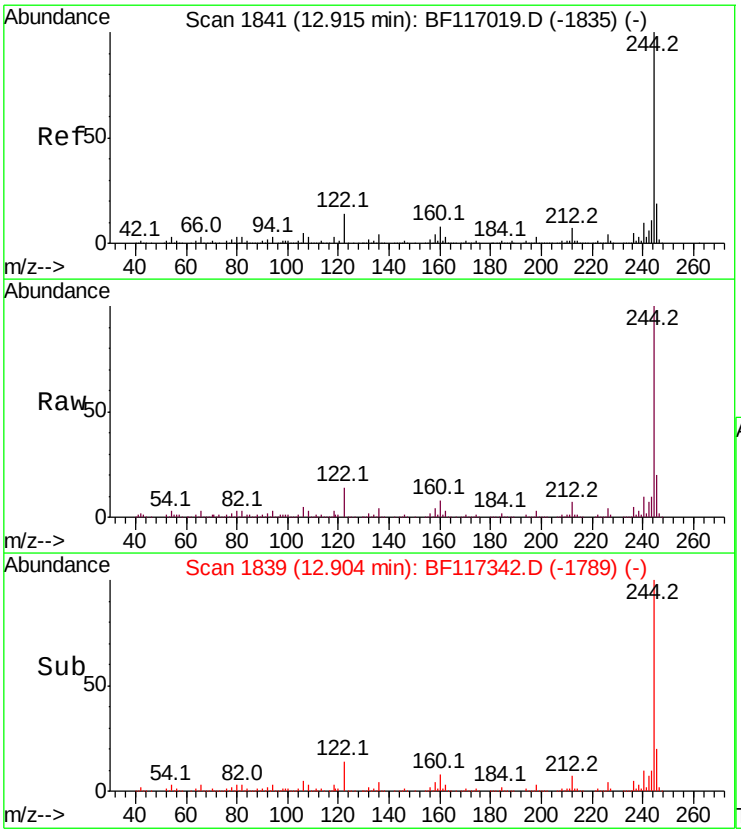
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 123902

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	24.2	20.3	30.5

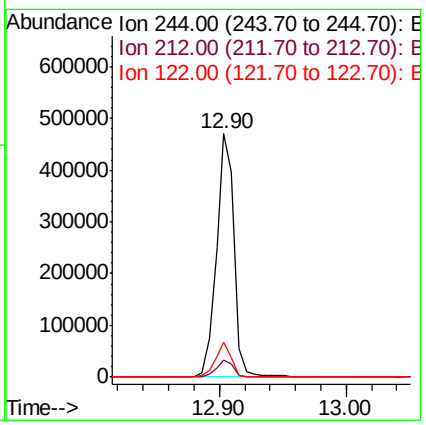


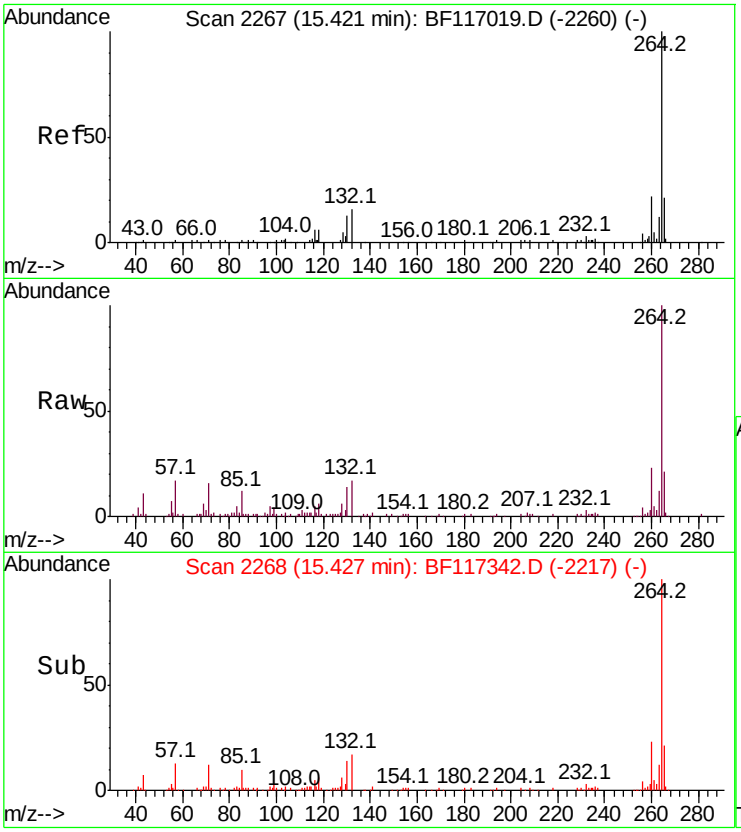


#79
Terphenyl-d14
Concen: 68.596 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion:244 Resp: 454691

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	14.4	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 122463

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.6	26.4
265	21.0	16.6	24.8