

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117427.D
 Acq On : 17 Oct 2019 17:30
 Operator : JU
 Sample : PB123882BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BL

Quant Time: Oct 18 03:54:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

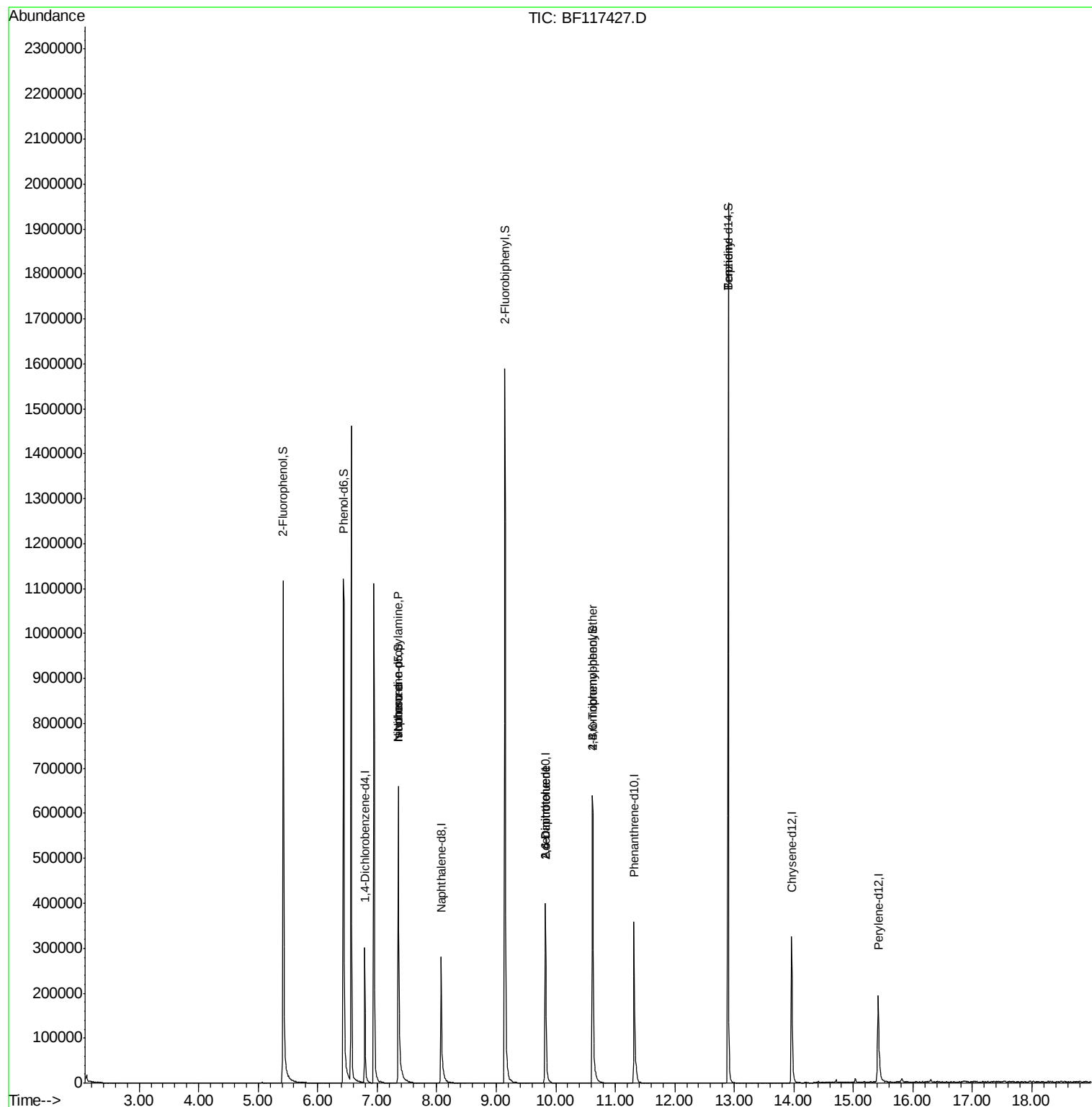
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	54797	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	225411	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	121609	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	209182	20.00	ng	0.00
76) Chrysene-d12	13.96	240	159057	20.00	ng	0.00
87) Perylene-d12	15.42	264	136590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	387663	108.85	ng	0.00
7) Phenol-d6	6.43	99	540982	114.49	ng	0.00
23) Nitrobenzene-d5	7.36	82	329520	74.10	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	101152	102.20	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	608235	72.92	ng	0.00
79) Terphenyl-d14	12.90	244	650818	66.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	545	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	41679	13.834	ng	# 77
25) Isophorone	7.36	82	329518	41.598	ng	# 67
51) 2,6-Dinitrotoluene	9.83	165	14782	8.052	ng	# 21
57) 2,4-Dinitrotoluene	9.83	165	14782	6.103	ng	# 12
67) 4-Bromophenyl-phenylether	10.62	248	6215	2.709	ng	# 1
77) Benizidine	12.90	184	8779	2.232	ng	99

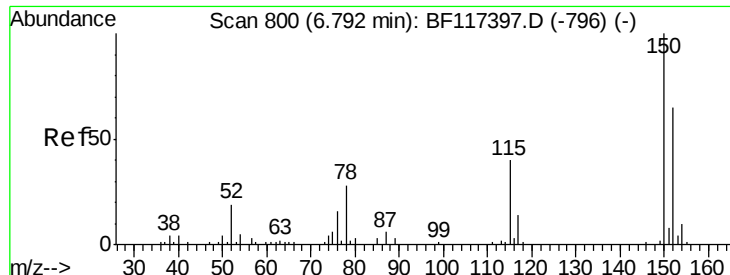
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
Data File : BF117427.D
Acq On : 17 Oct 2019 17:30
Operator : JU
Sample : PB123882BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123882BL

Quant Time: Oct 18 03:54:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration



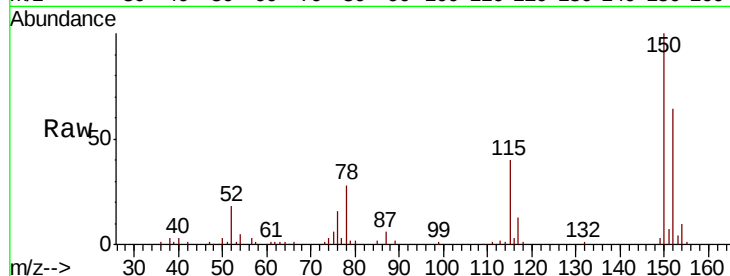


#1

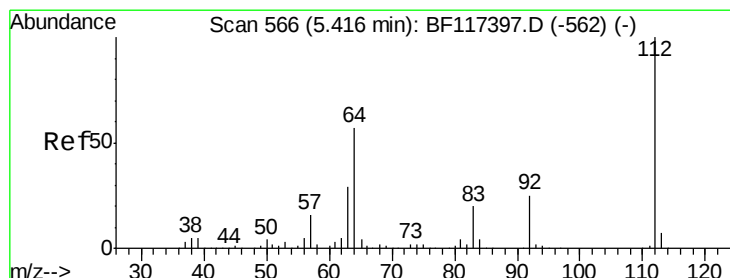
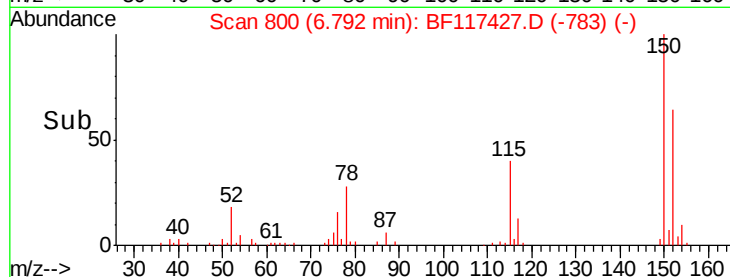
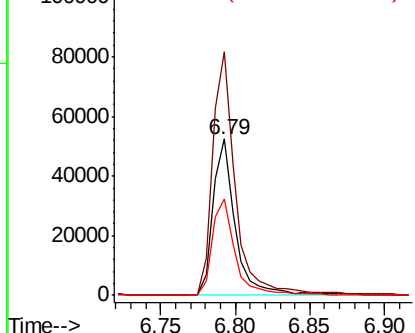
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF117427.D
 Acq: 17 Oct 2019 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BL

Tot Ion:152 Resp: 54797
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.7 184.1
 115 61.7 48.6 73.0



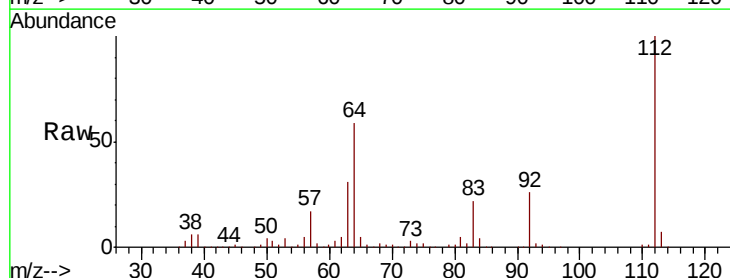
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



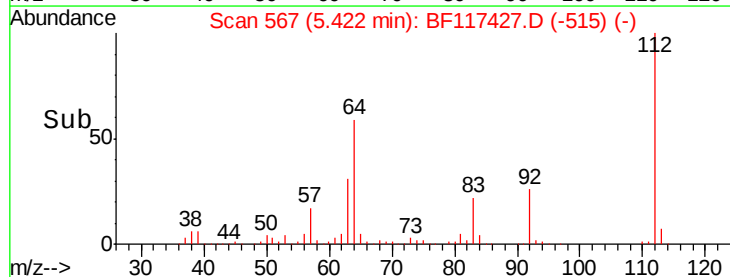
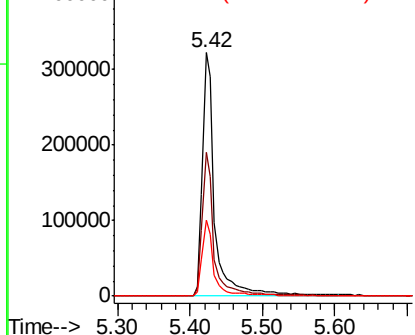
#5

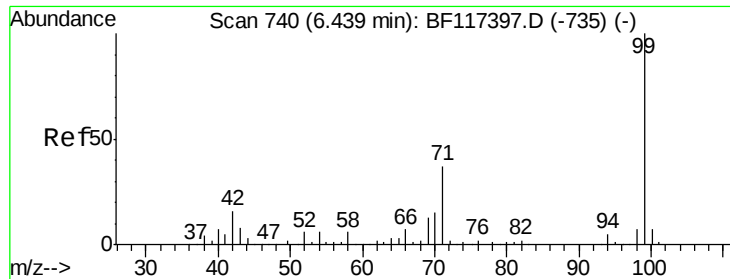
2-Fluorophenol
 Concen: 108.851 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF117427.D
 Acq: 17 Oct 2019 17:30

Tgt Ion:112 Resp: 387663
 Ion Ratio Lower Upper
 112 100
 64 58.8 45.2 67.8
 63 31.3 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.486 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF117427.D

Acq: 17 Oct 2019 17:30

Instrument :

BNA_F

ClientSampled :

PB123882BL

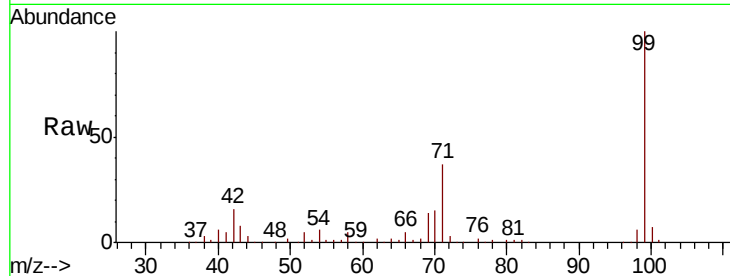
Tot Ion: 99 Resp: 540982

Ion Ratio Lower Upper

99 100

42 15.7 12.5 18.7

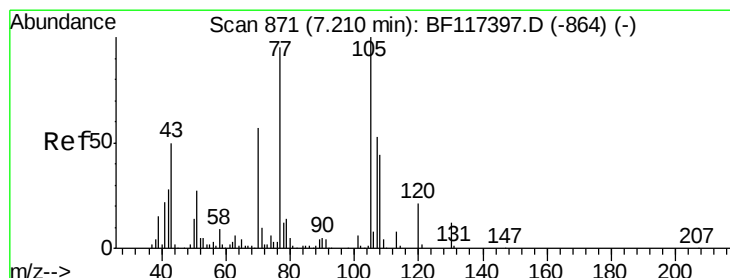
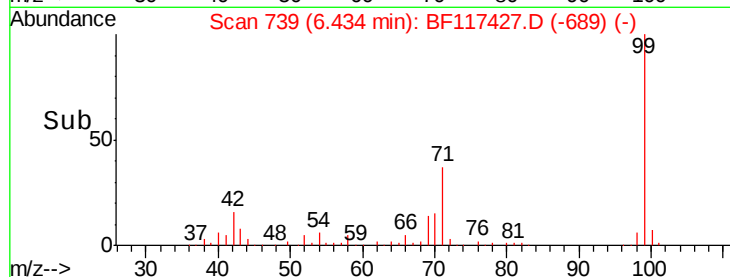
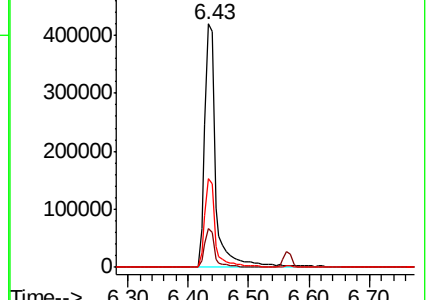
71 36.6 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.834 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF117427.D

Acq: 17 Oct 2019 17:30

Tgt Ion: 70 Resp: 41679

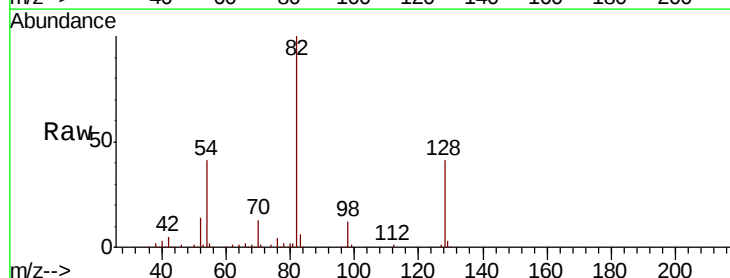
Ion Ratio Lower Upper

70 100

42 39.3 39.8 59.8#

101 0.0 8.1 12.1#

130 1.7 16.4 24.6#

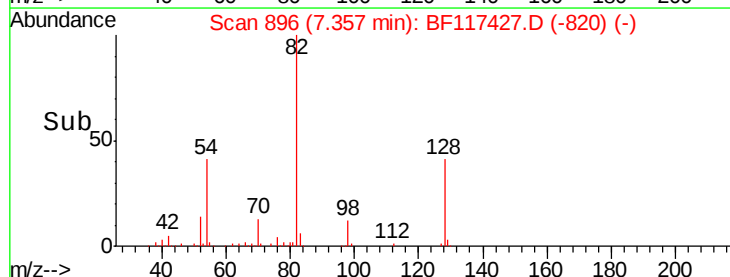
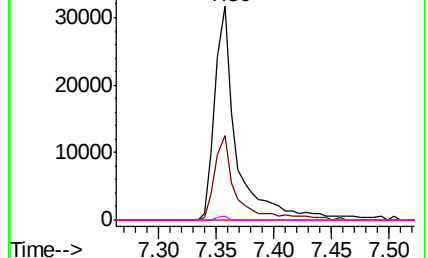


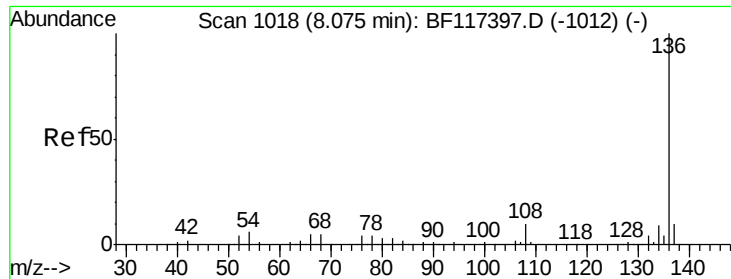
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

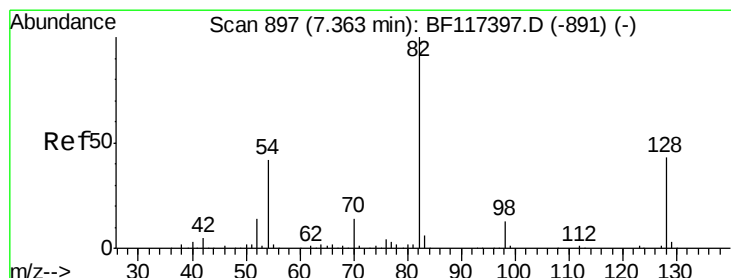
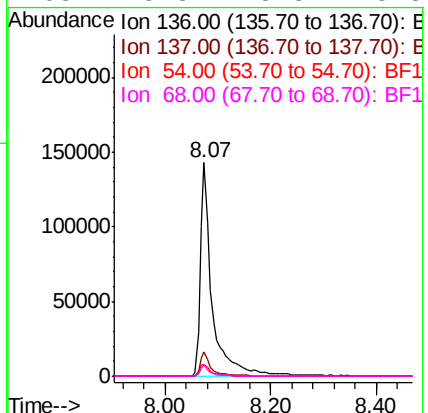
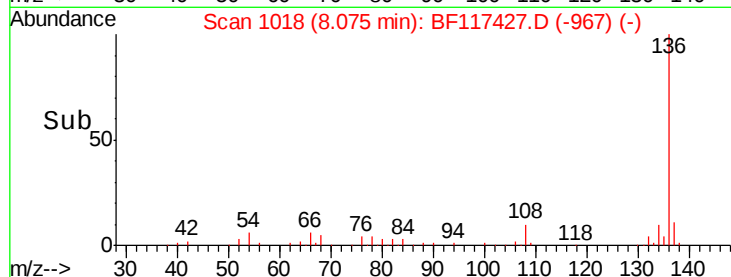
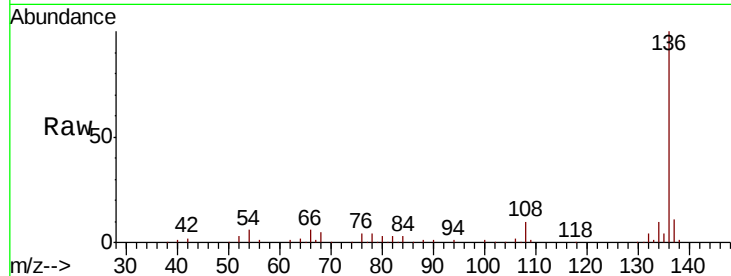




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117427.D
Acq: 17 Oct 2019 17:30

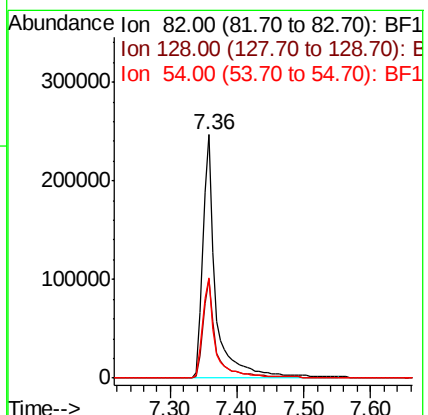
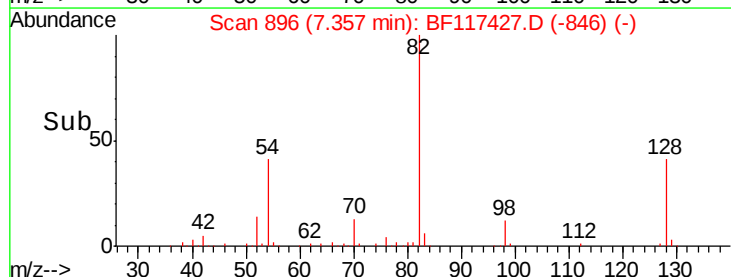
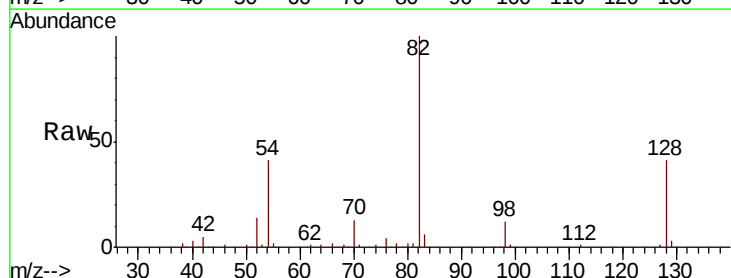
Instrument :
BNA_F
ClientSampleId :
PB123882BL

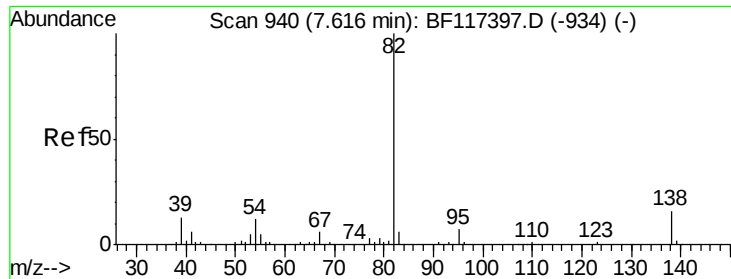
Tot Ion:136	Resp:	225411
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.4 12.6
54	5.5	4.6 6.8
68	5.3	3.8 5.8



#23
Nitrobenzene-d5
Concen: 74.103 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117427.D
Acq: 17 Oct 2019 17:30

Tgt Ion: 82	Resp:	329520
Ion	Ratio	Lower Upper
82	100	
128	40.7	34.1 51.1
54	41.2	33.3 49.9





#25

Isophorone

Concen: 41.598 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF117427.D

Acq: 17 Oct 2019 17:30

Instrument :

BNA_F

ClientSampleId :

PB123882BL

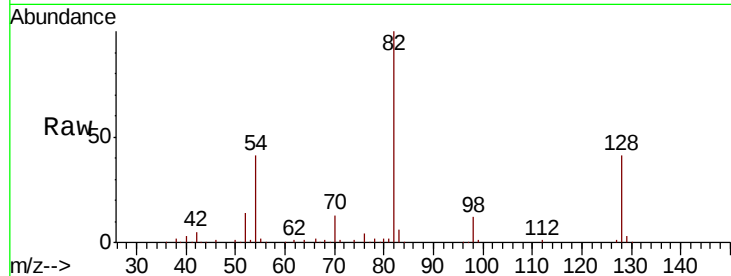
Tot Ion: 82 Resp: 329518

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

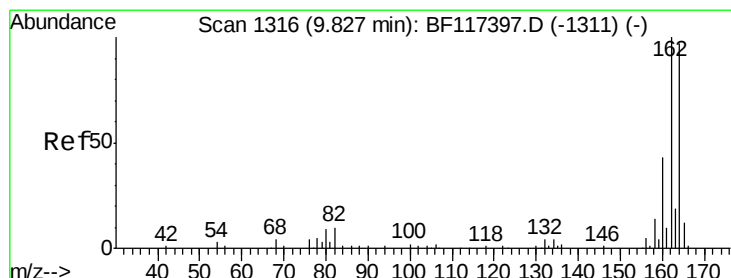
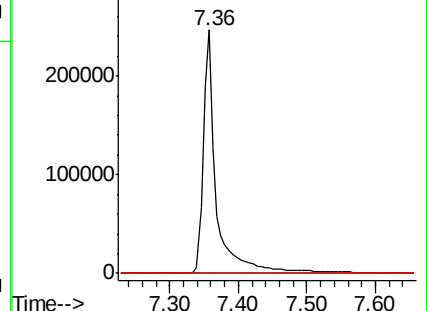
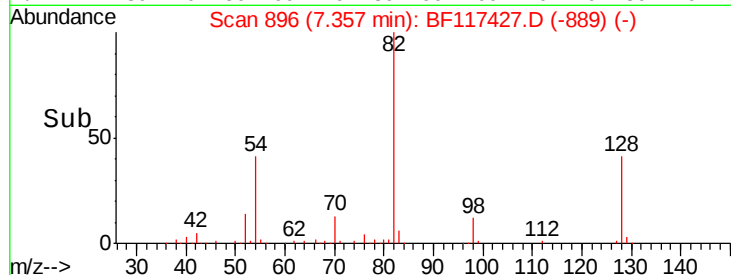
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF117427.D

Acq: 17 Oct 2019 17:30

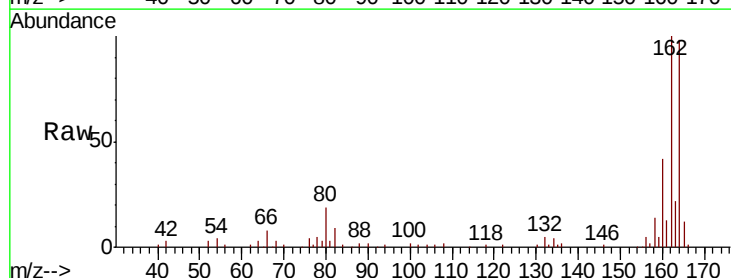
Tgt Ion: 164 Resp: 121609

Ion Ratio Lower Upper

164 100

162 101.8 82.4 123.6

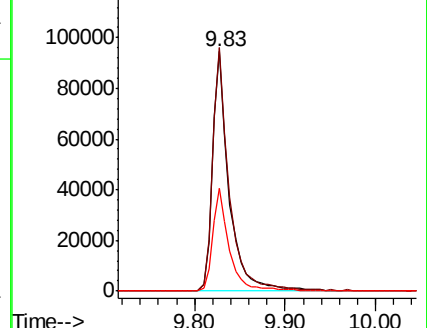
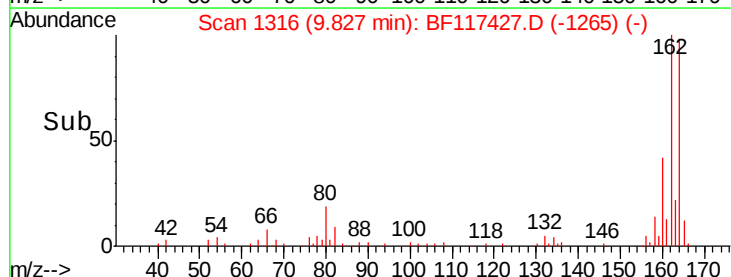
160 42.7 35.4 53.0

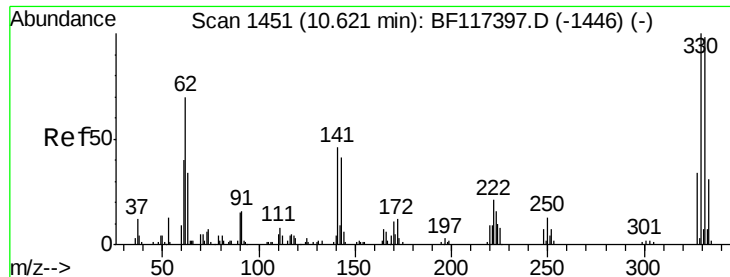


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

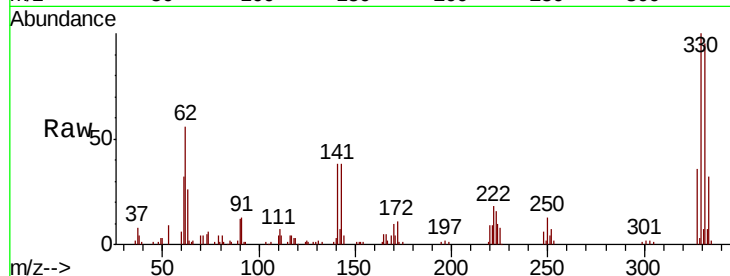




#42
 2,4,6-Tribromophenol
 Concen: 102.201 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF117427.D
 Acq: 17 Oct 2019 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.5	75.0	112.6
141	42.9	34.2	51.4

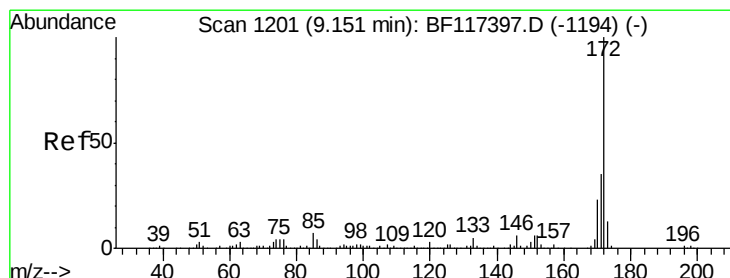
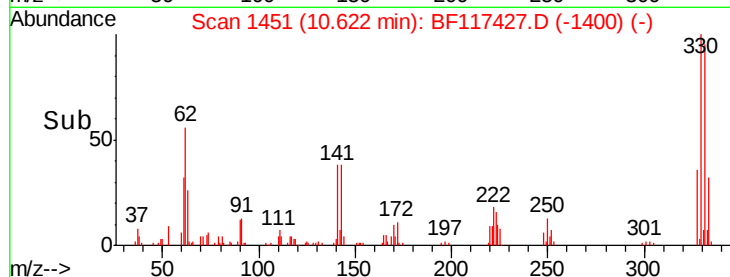
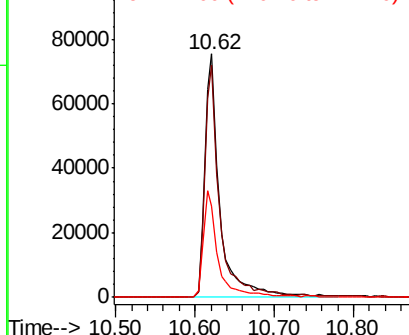


Abundance

Ion 329.80 (329.50 to 330.50): E

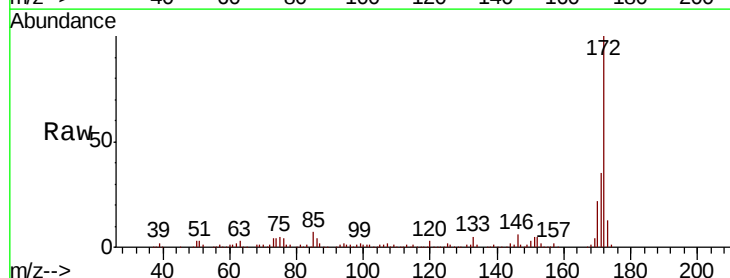
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.917 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF117427.D
 Acq: 17 Oct 2019 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	22.0	18.2	27.2

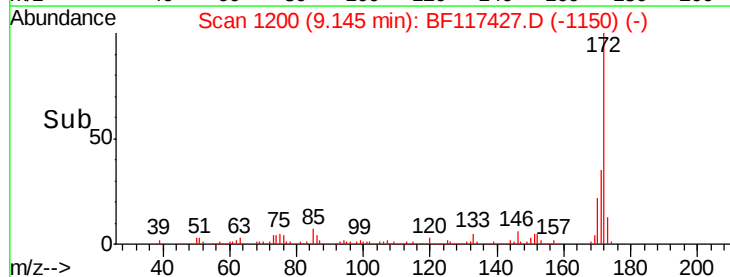
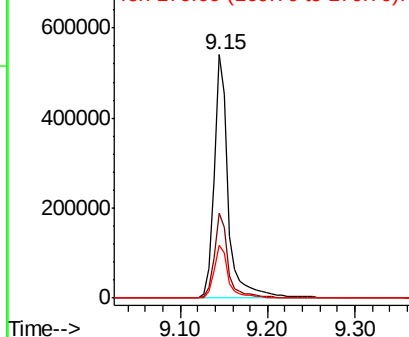


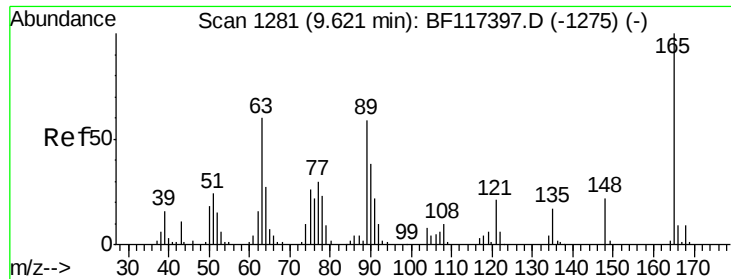
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

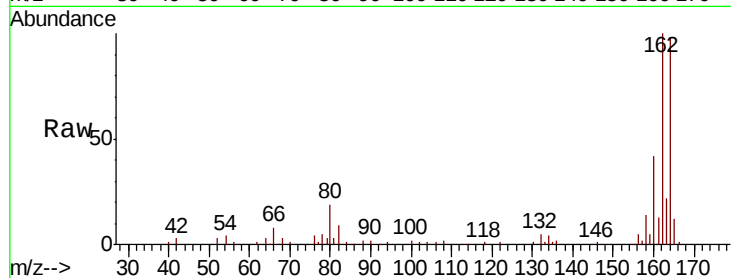




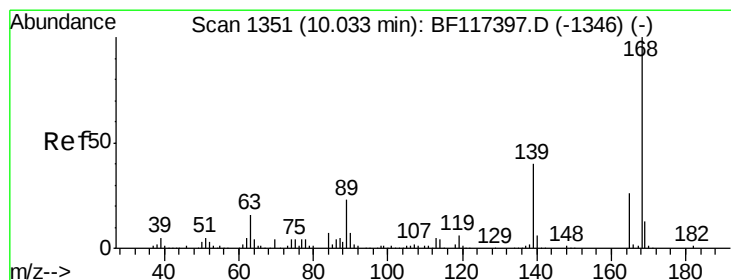
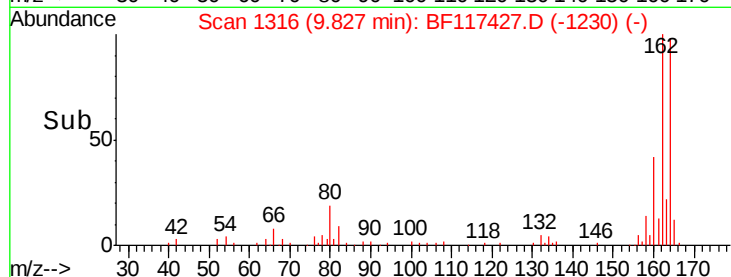
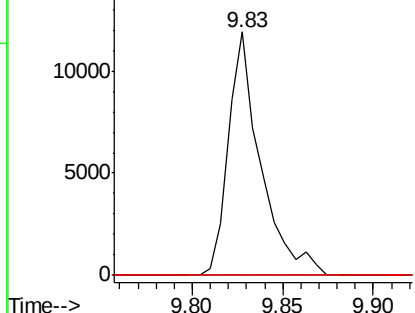
#51
 2,6-Dinitrotoluene
 Concen: 8.052 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF117427.D
 Acq: 17 Oct 2019 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.8	71.6#
89	0.0	47.4	71.0#

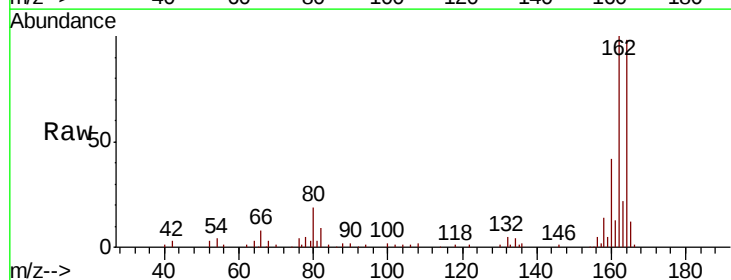


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

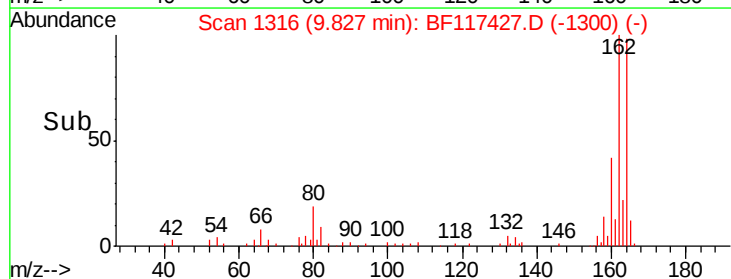
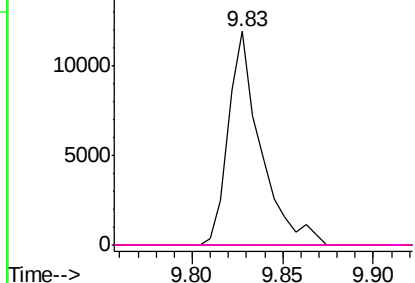


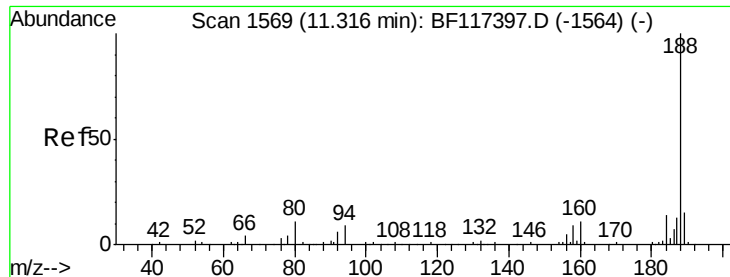
#57
 2,4-Dinitrotoluene
 Concen: 6.103 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF117427.D
 Acq: 17 Oct 2019 17:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.0	76.4#
89	0.0	70.7	106.1#
182	0.0	2.1	3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

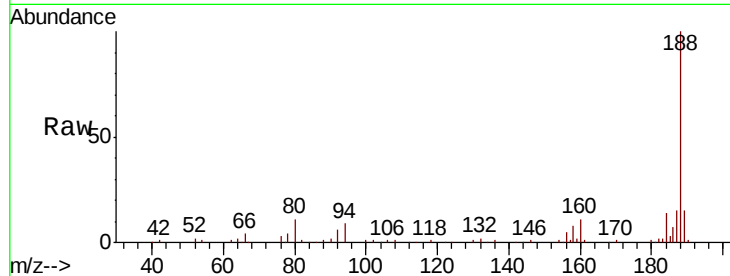




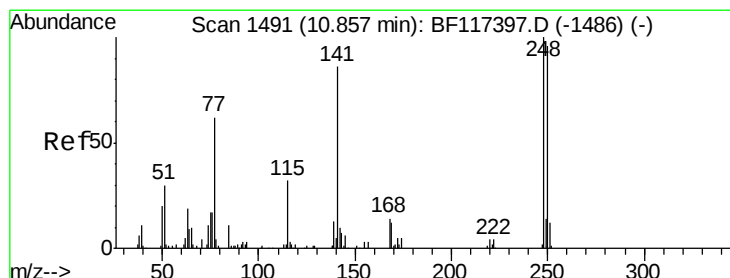
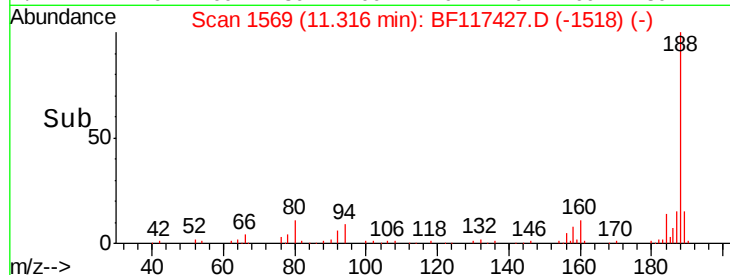
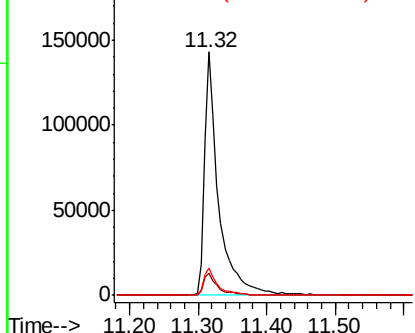
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF117427.D
 Acq: 17 Oct 2019 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BL

Tot Ion:188 Resp: 209182
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.5 11.3
 80 11.1 8.7 13.1

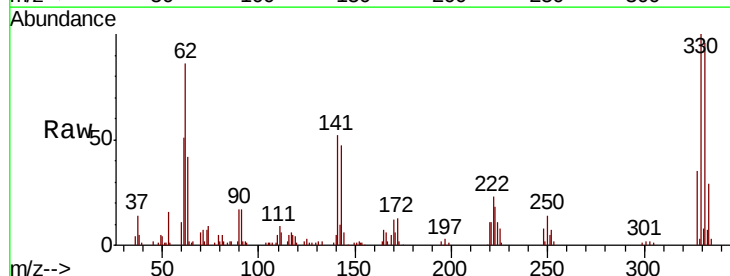


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

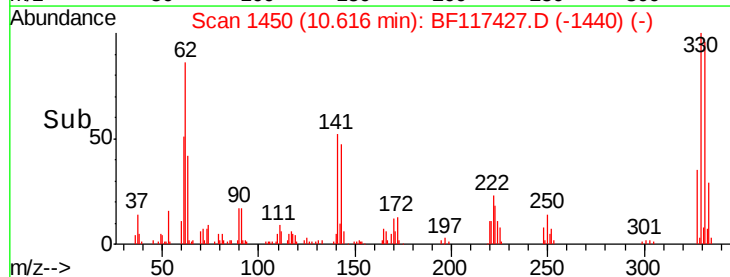
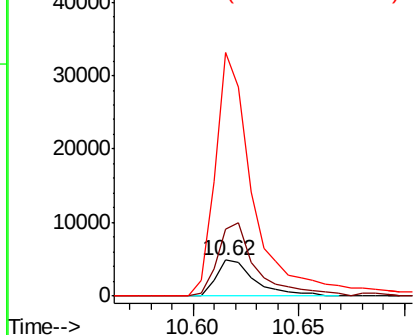


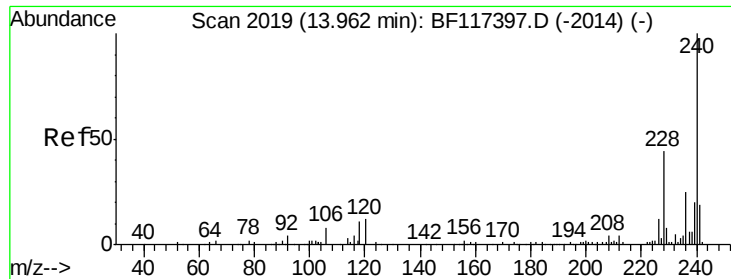
#67
 4-Bromophenyl-phenylether
 Concen: 2.709 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.24 min
 Lab File: BF117427.D
 Acq: 17 Oct 2019 17:30

Tgt Ion:248 Resp: 6215
 Ion Ratio Lower Upper
 248 100
 250 186.9 77.1 115.7#
 141 679.2 69.1 103.7#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

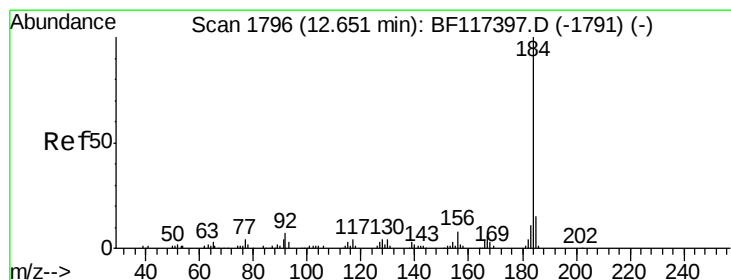
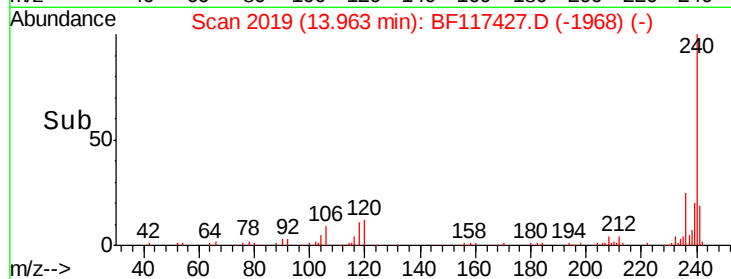
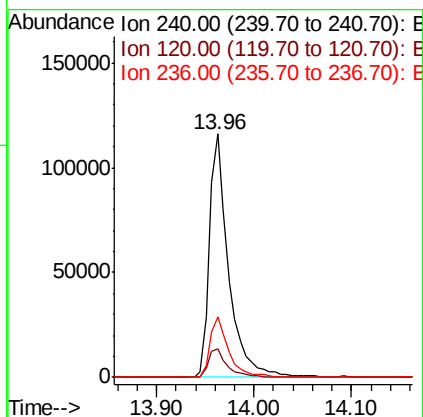
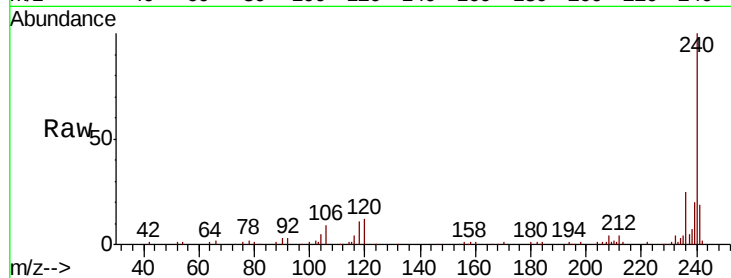




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117427.D
Acq: 17 Oct 2019 17:30

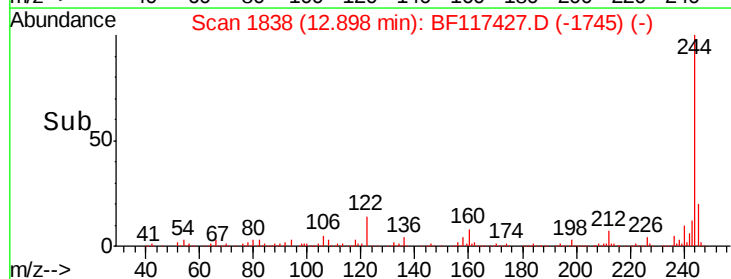
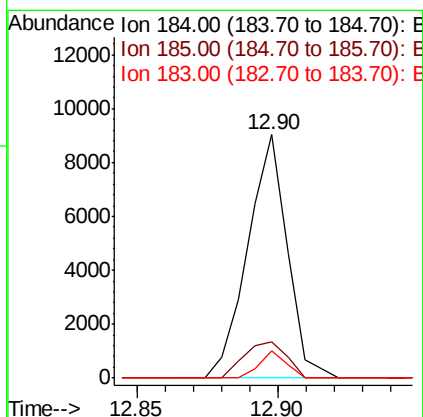
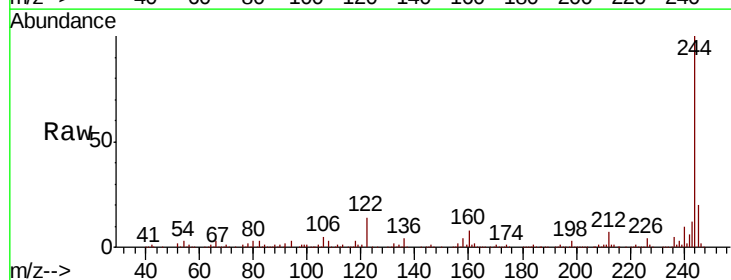
Instrument :
BNA_F
ClientSampleId :
PB123882BL

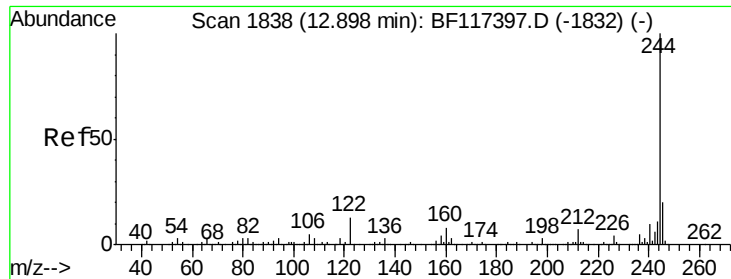
Tot Ion:240 Resp: 159057
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.0
236 25.0 19.8 29.6



#77
Benzidine
Concen: 2.232 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.25 min
Lab File: BF117427.D
Acq: 17 Oct 2019 17:30

Tgt Ion:184 Resp: 8779
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 11.3 8.9 13.3





#79

Terphenyl-d14

Concen: 66.702 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117427.D

Acq: 17 Oct 2019 17:30

Instrument :

BNA_F

ClientSampleId :

PB123882BL

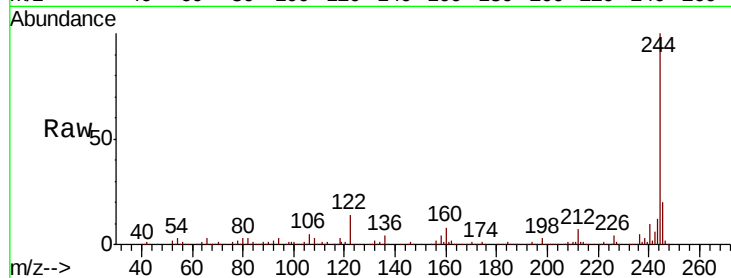
Tot Ion:244 Resp: 650818

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

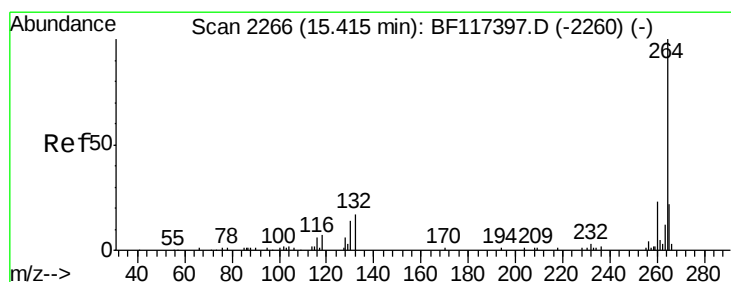
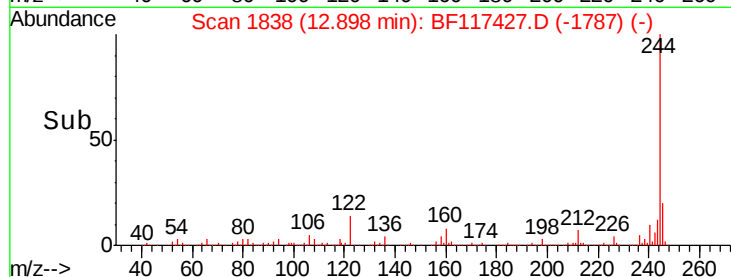
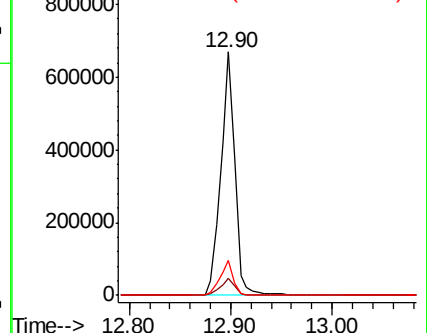
122 14.4 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF117427.D

Acq: 17 Oct 2019 17:30

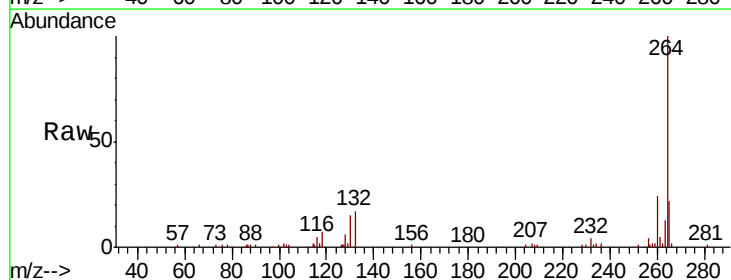
Tgt Ion:264 Resp: 136590

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

