

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
 Data File : BF117332.D
 Acq On : 3 Oct 2019 22:25
 Operator : JU
 Sample : K5128-01RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1ARE

Quant Time: Oct 04 03:21:24 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

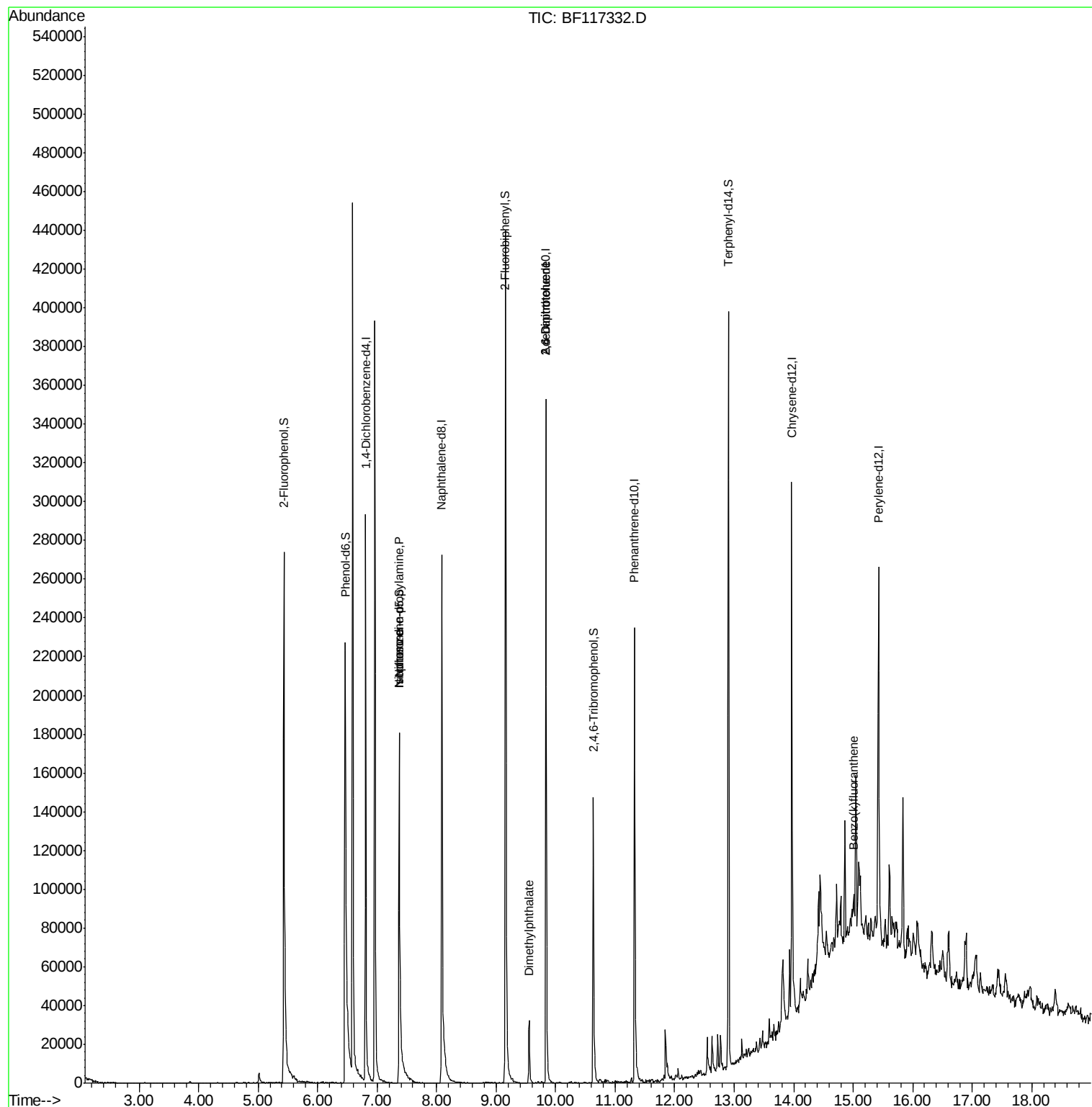
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50423	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	197073	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	80149	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	101029	20.00	ng	0.00
76) Chrysene-d12	13.97	240	95385	20.00	ng	0.00
87) Perylene-d12	15.43	264	87975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	116352	36.03	ng	0.00
7) Phenol-d6	6.46	99	174290	41.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	99092	26.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	22175	33.10	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	183265	35.75	ng	-0.02
79) Terphenyl-d14	12.90	244	131003	25.67	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	3075	Below Cal	Qvalue	# 75
19) n-Nitroso-di-n-propylamine	7.37	70	12770	5.024 ng	#	80
25) Isophorone	7.37	82	99092	14.921 ng	#	66
50) Dimethylphthalate	9.56	163	17880	3.151 ng	#	99
51) 2,6-Dinitrotoluene	9.84	165	9855	8.527 ng	#	24
57) 2,4-Dinitrotoluene	9.84	165	9855	6.569 ng	#	18
89) Benzo(k)fluoranthene	15.01	252	10203	2.021 ng	#	63

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

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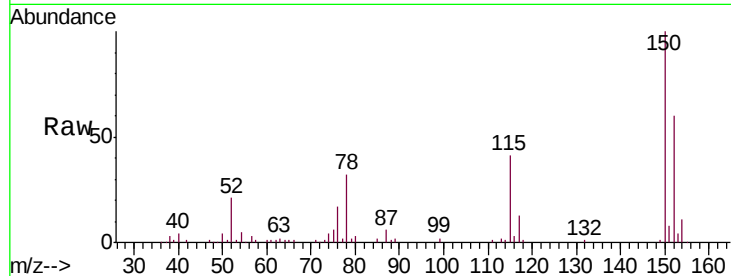




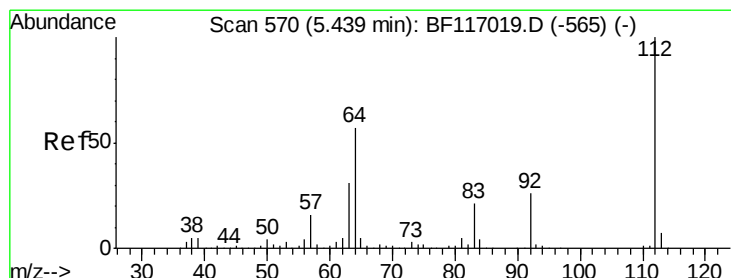
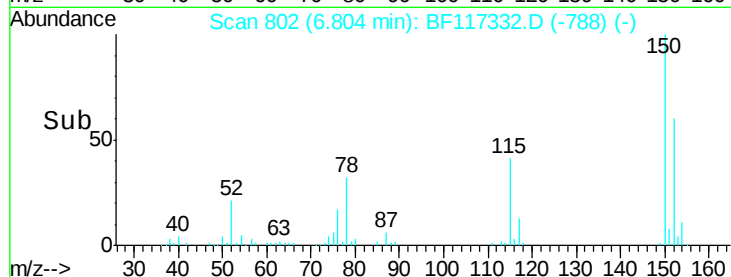
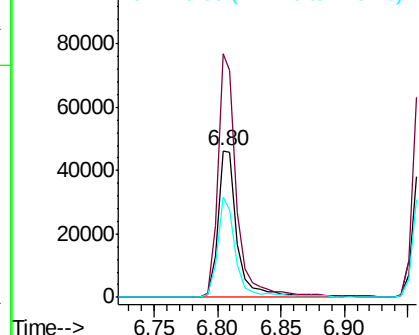
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF117332.D
 Acq: 3 Oct 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-1ARE

Tgt Ion:152 Resp: 50423
 Ion Ratio Lower Upper
 152 100
 150 166.0 127.5 191.3
 115 68.1 55.0 82.4

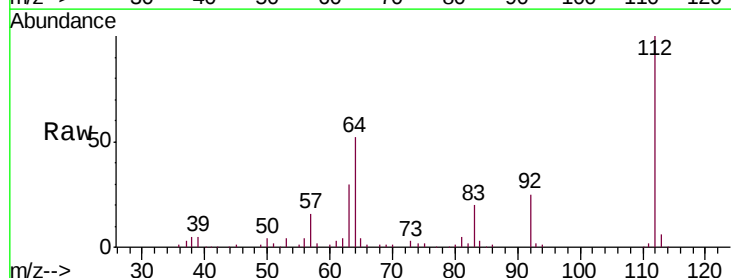


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

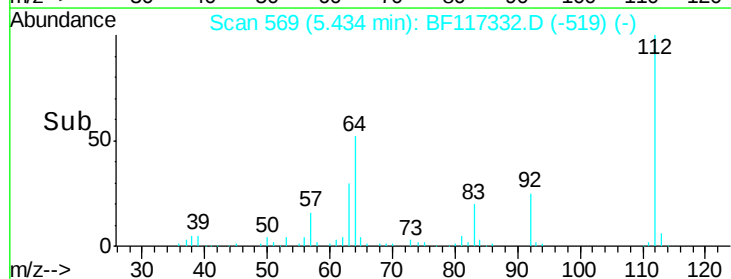
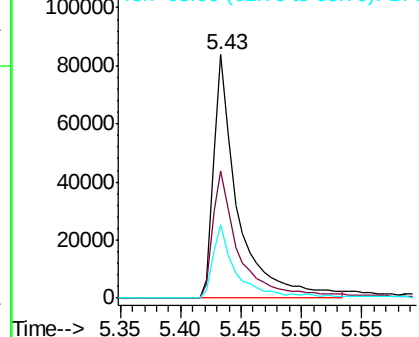


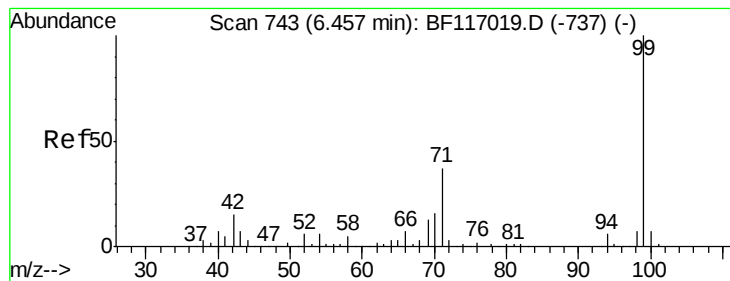
#5
 2-Fluorophenol
 Concen: 36.026 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF117332.D
 Acq: 3 Oct 2019 22:25

Tgt Ion:112 Resp: 116352
 Ion Ratio Lower Upper
 112 100
 64 52.4 45.7 68.5
 63 30.0 24.9 37.3



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: 41.757 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117332.D

Acq: 3 Oct 2019 22:25

Instrument :

BNA_F

ClientSampleId :

SB-1ARE

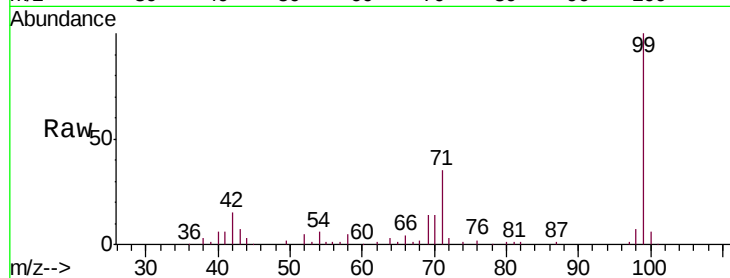
Tgt Ion: 99 Resp: 174290

Ion Ratio Lower Upper

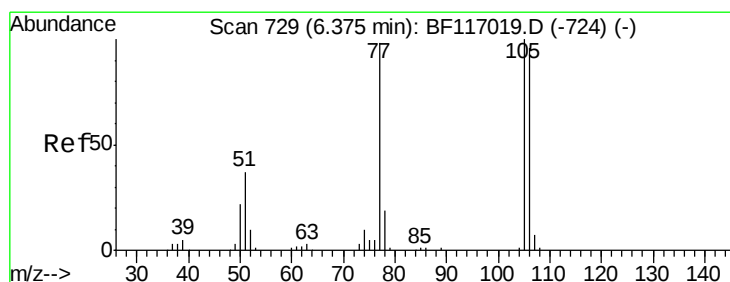
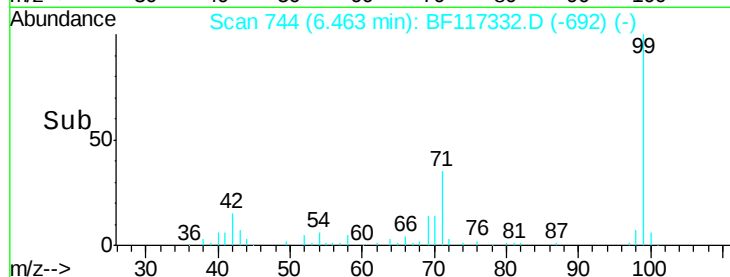
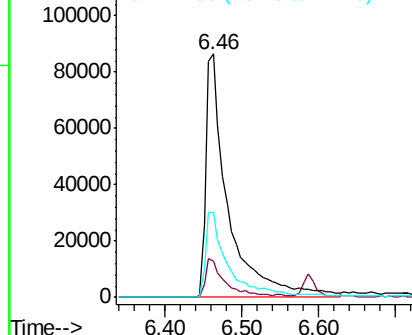
99 100

42 14.7 12.2 18.2

71 35.1 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF117332.D

Acq: 3 Oct 2019 22:25

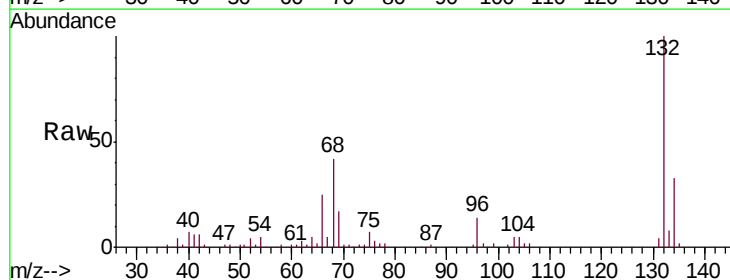
Tgt Ion: 77 Resp: 3075

Ion Ratio Lower Upper

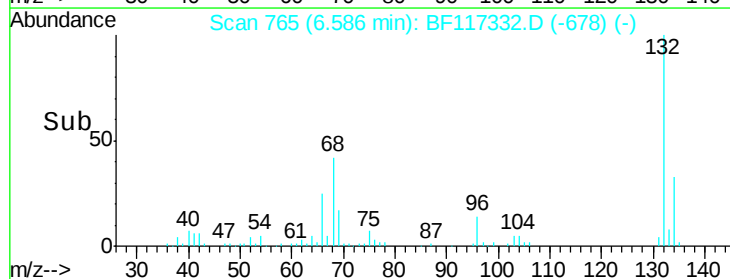
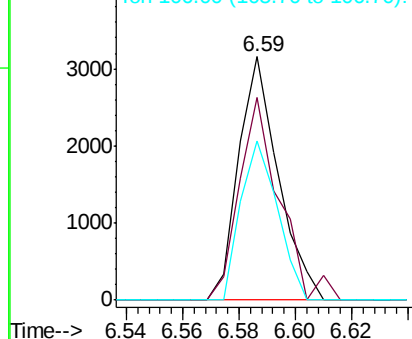
77 100

105 83.3 81.8 121.8

106 65.1 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

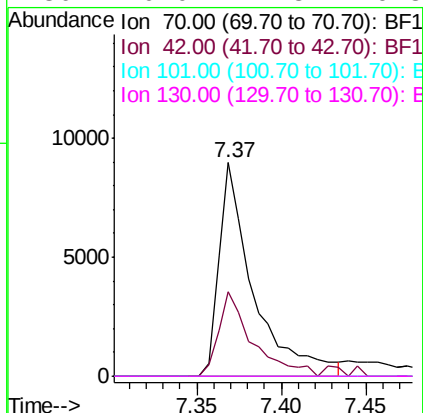
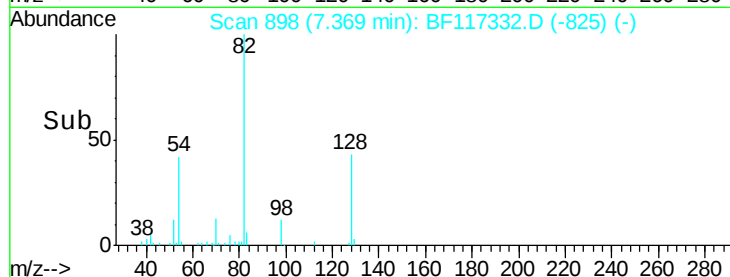
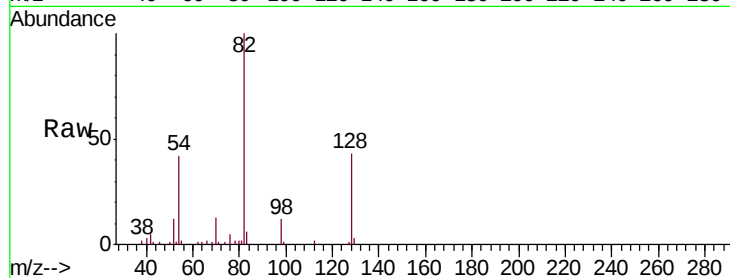




#19
n-Nitroso-di-n-propylamine
Concen: 5.024 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

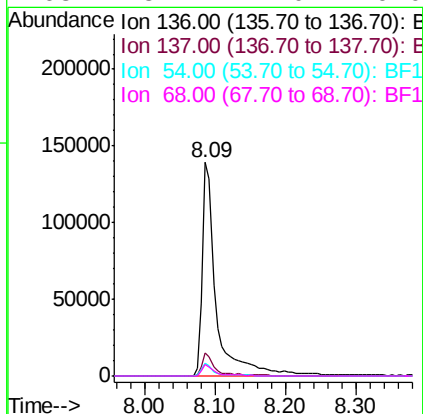
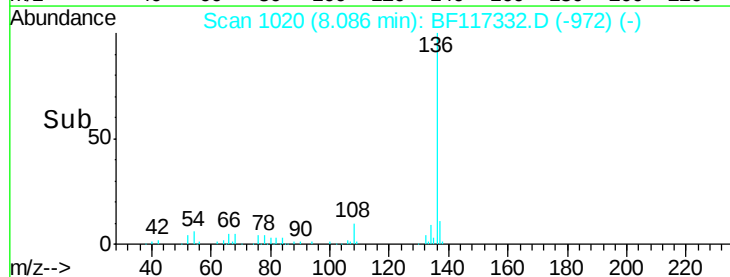
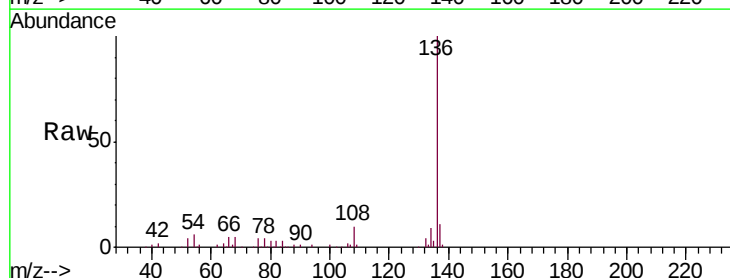
Instrument :
BNA_F
ClientSampled :
SB-1ARE

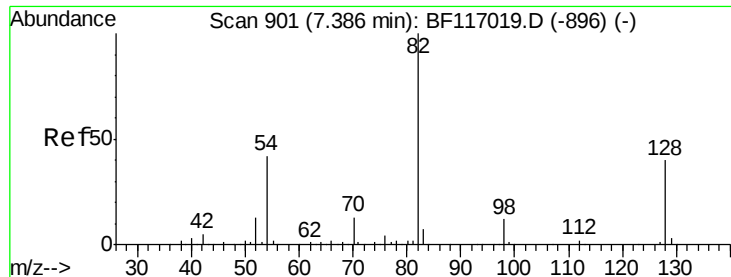
Tgt Ion: 70 Resp: 12770
Ion Ratio Lower Upper
70 100
42 39.7 34.0 51.0
101 0.0 7.8 11.6#
130 0.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

Tgt Ion: 136 Resp: 197073
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 5.9 4.5 6.7
68 5.2 4.0 6.0

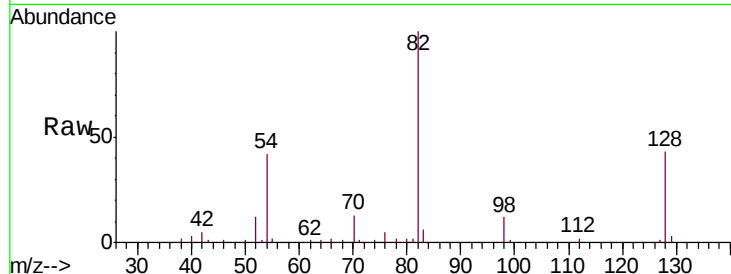




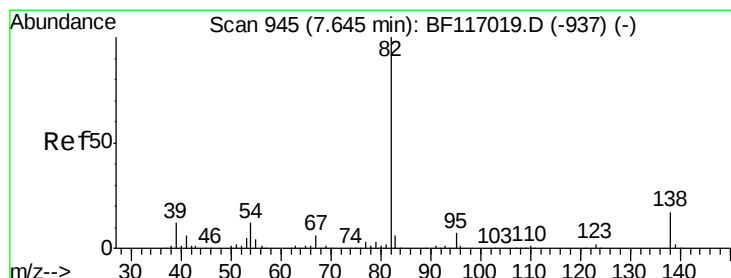
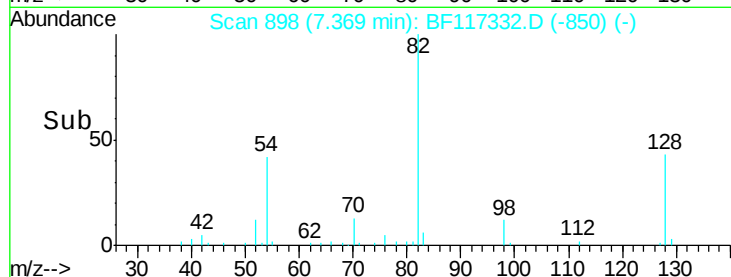
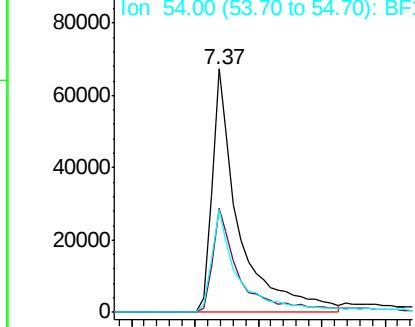
#23
 Nitrobenzene-d5
 Concen: 26.419 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117332.D
 Acq: 3 Oct 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-1ARE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.3	48.5
54	42.0	33.3	49.9

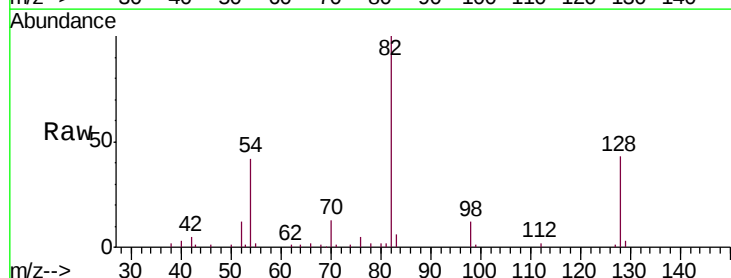


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

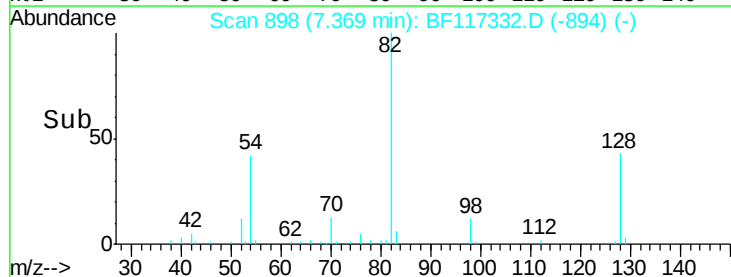
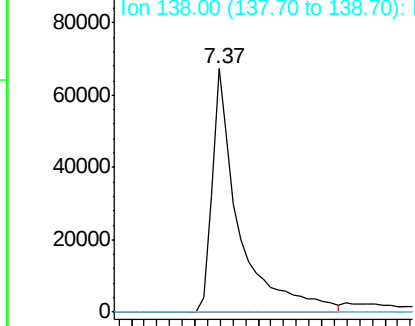


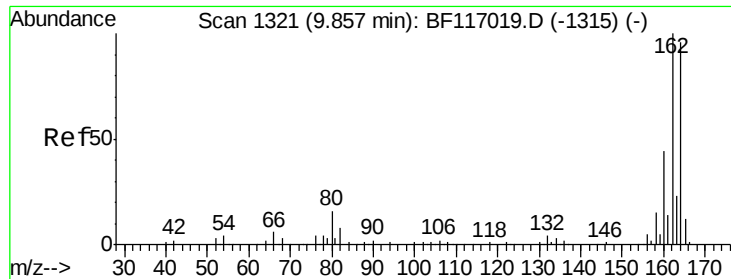
#25
 Isophorone
 Concen: 14.921 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.28 min
 Lab File: BF117332.D
 Acq: 3 Oct 2019 22:25

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



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

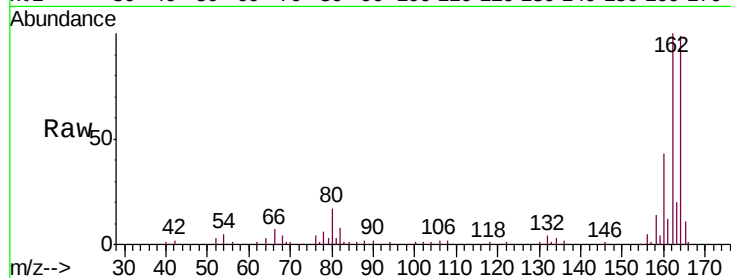




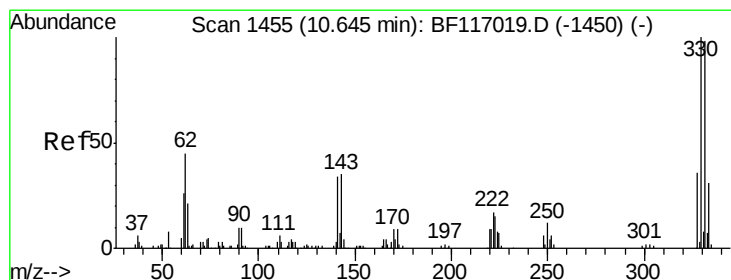
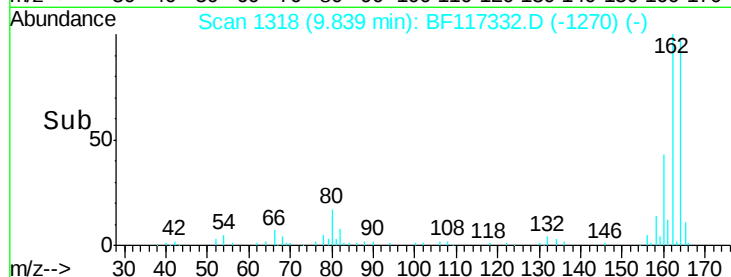
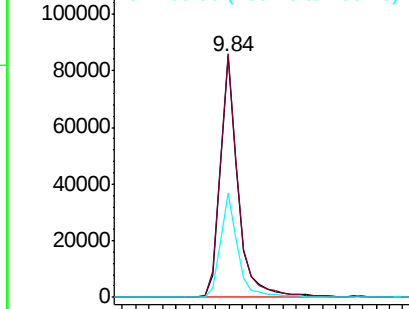
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF117332.D
 Acq: 3 Oct 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-1ARE

Tgt Ion:164 Resp: 80149
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.4 125.2
 160 43.1 36.4 54.6

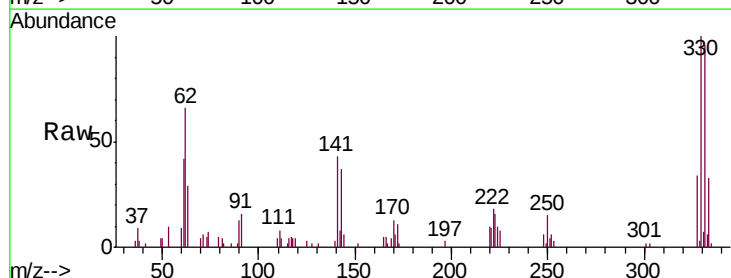


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

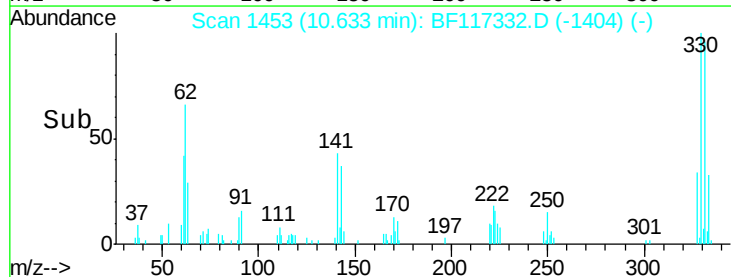
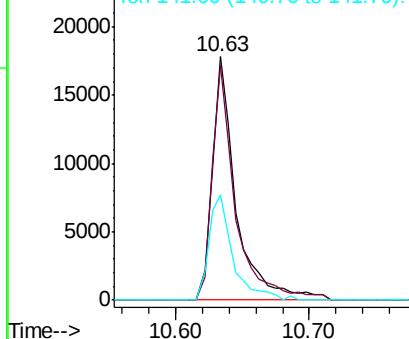


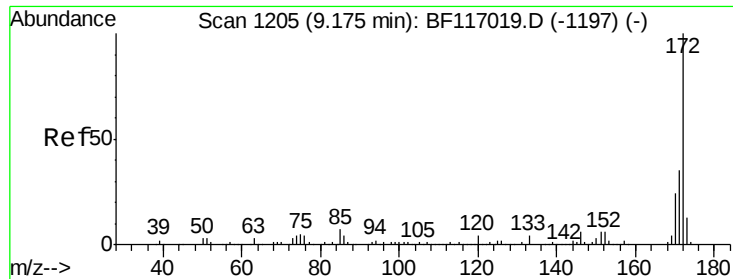
#42
 2,4,6-Tribromophenol
 Concen: 33.104 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF117332.D
 Acq: 3 Oct 2019 22:25

Tgt Ion:330 Resp: 22175
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.0 117.0
 141 44.0 35.8 53.6



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

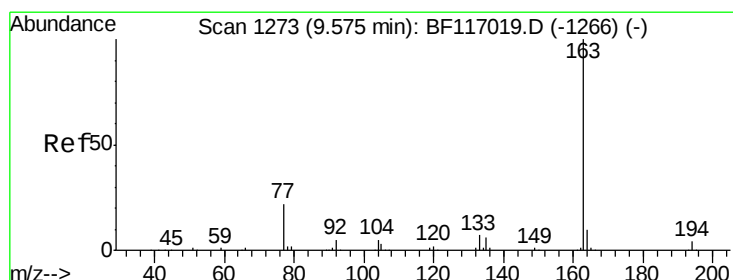
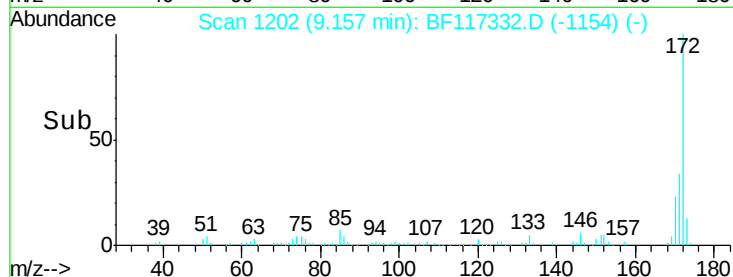
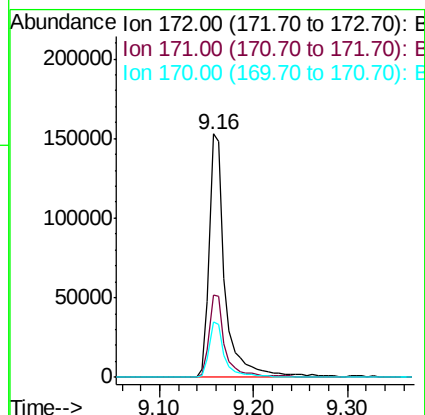
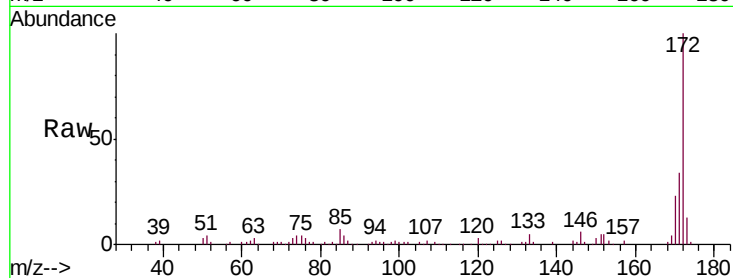




#45
2-Fluorobiphenyl
Concen: 35.752 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

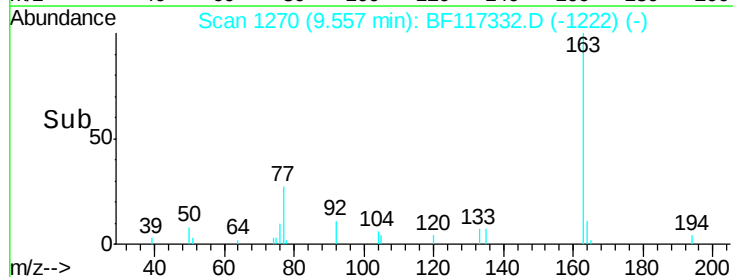
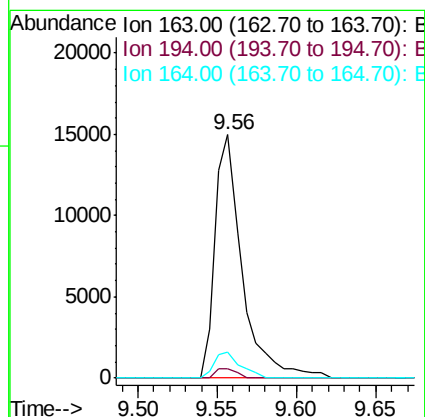
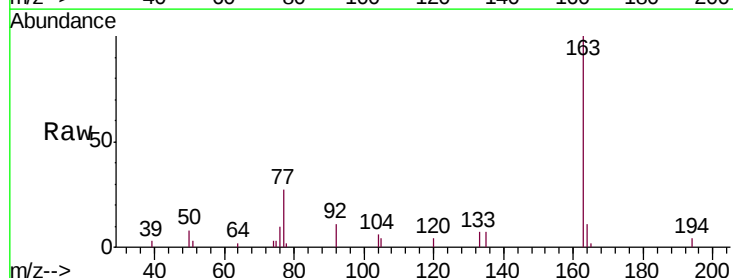
Instrument :
BNA_F
ClientSampleId :
SB-1ARE

Tgt Ion:172 Resp: 183265
Ion Ratio Lower Upper
172 100
171 34.0 28.2 42.2
170 22.5 18.9 28.3



#50
Dimethylphthalate
Concen: 3.151 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

Tgt Ion:163 Resp: 17880
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.7 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 8.527 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.20 min

Lab File: BF117332.D

Acq: 3 Oct 2019 22:25

Instrument :

BNA_F

ClientSampleId :

SB-1ARE

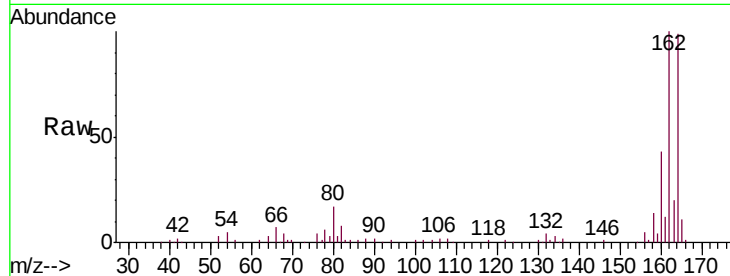
Tgt Ion:165 Resp: 9855

Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.8#

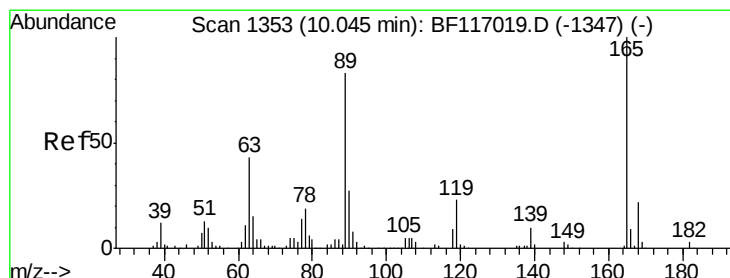
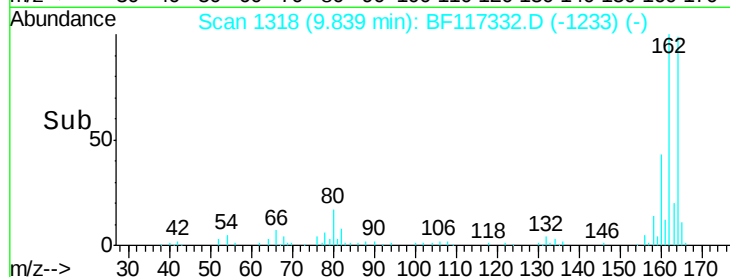
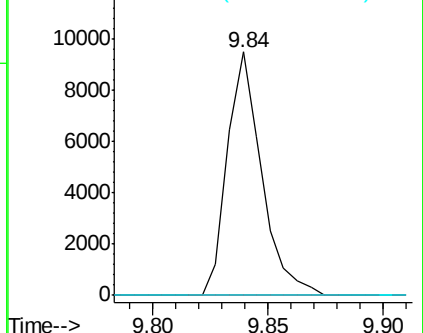
89 0.0 46.5 69.7#



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: 6.569 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.21 min

Lab File: BF117332.D

Acq: 3 Oct 2019 22:25

Tgt Ion:165 Resp: 9855

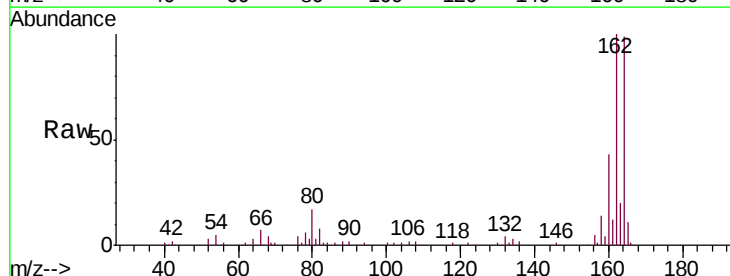
Ion Ratio Lower Upper

165 100

63 0.0 35.0 52.4#

89 0.0 66.1 99.1#

182 0.0 2.0 3.0#

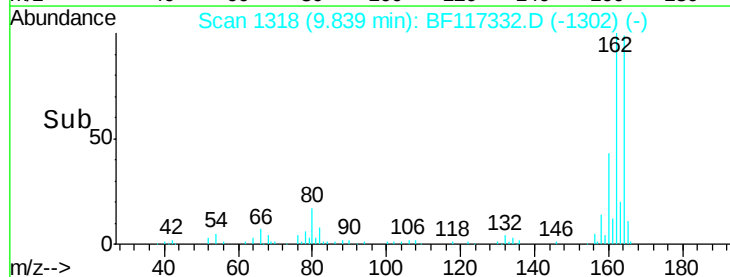
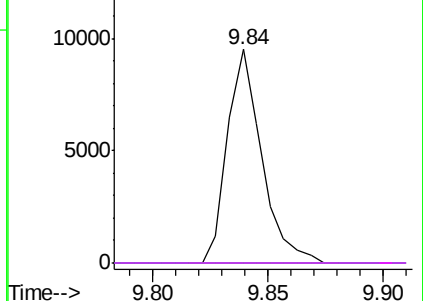


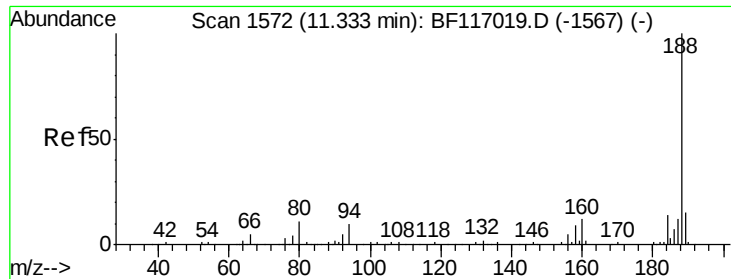
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF117332.D

Acq: 3 Oct 2019 22:25

Instrument :

BNA_F

ClientSampleId :

SB-1ARE

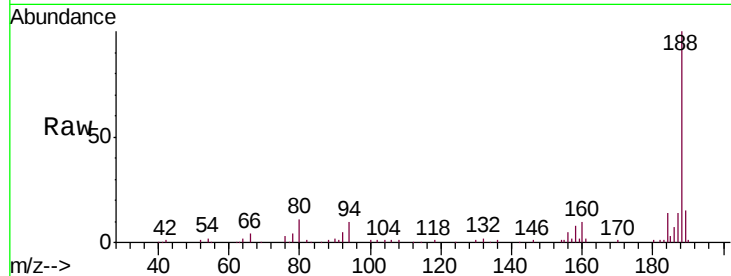
Tgt Ion:188 Resp: 101029

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

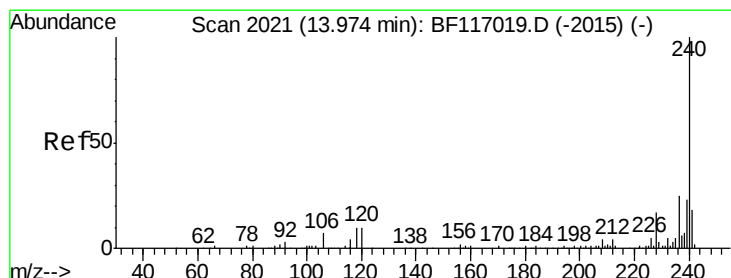
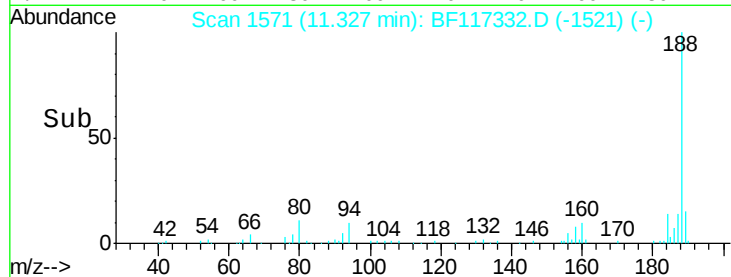
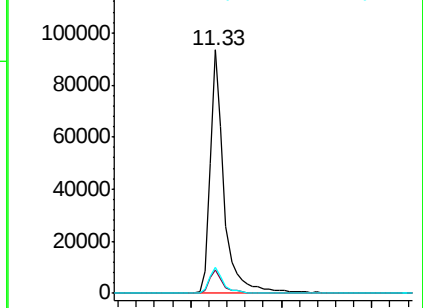
80 10.8 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117332.D

Acq: 3 Oct 2019 22:25

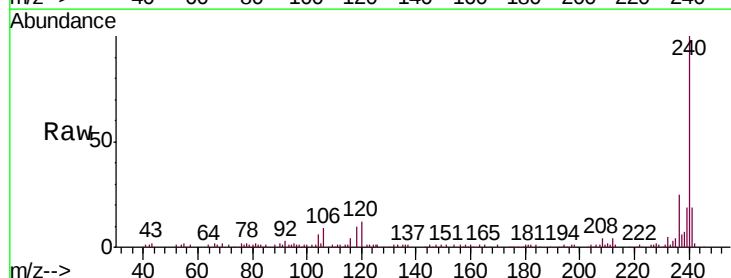
Tgt Ion:240 Resp: 95385

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

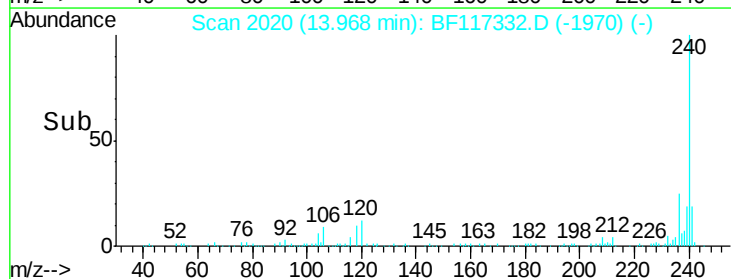
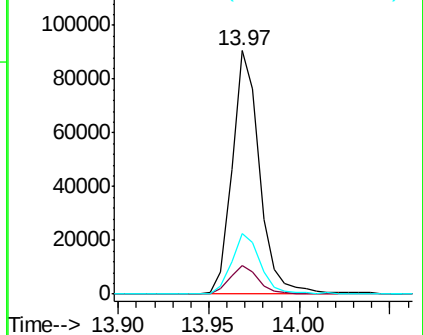
236 24.7 20.3 30.5

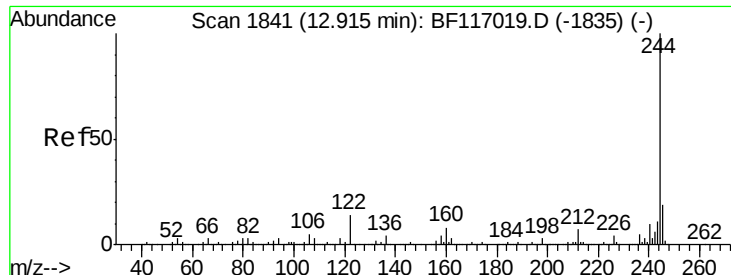


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

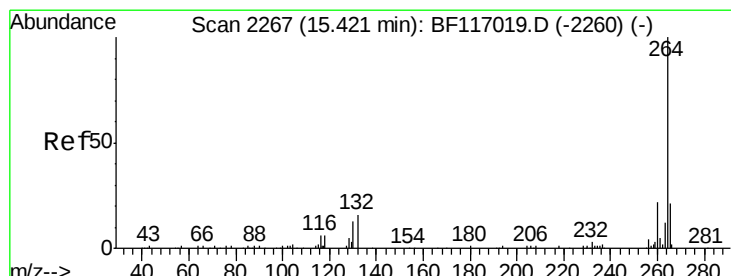
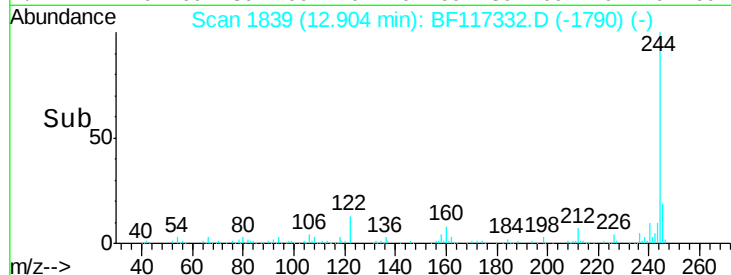
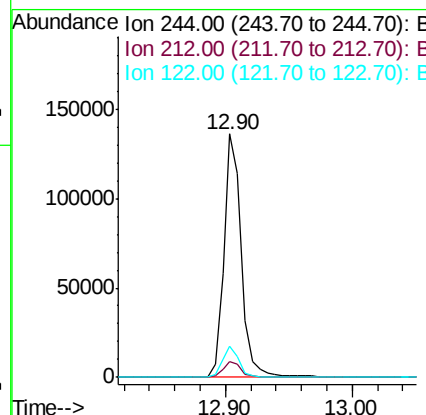
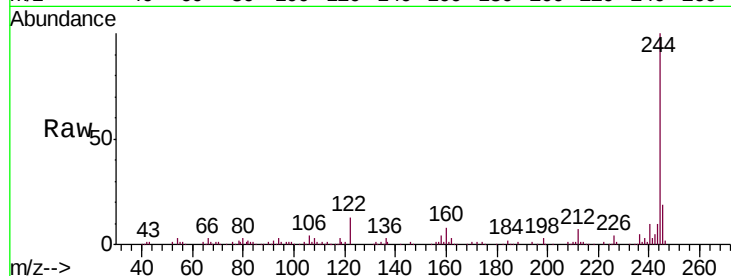




#79
 Terphenyl-d14
 Concen: 25.672 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF117332.D
 Acq: 3 Oct 2019 22:25

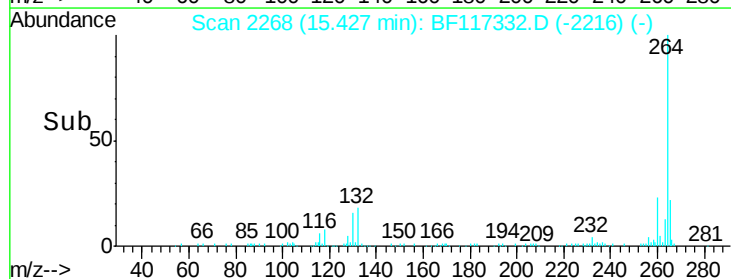
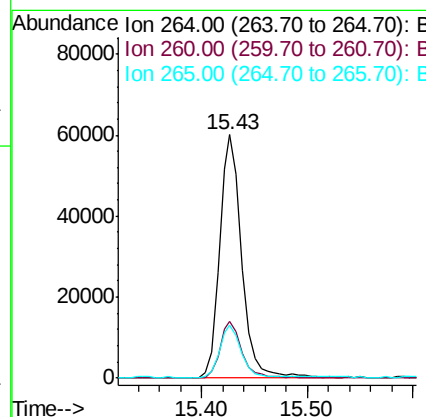
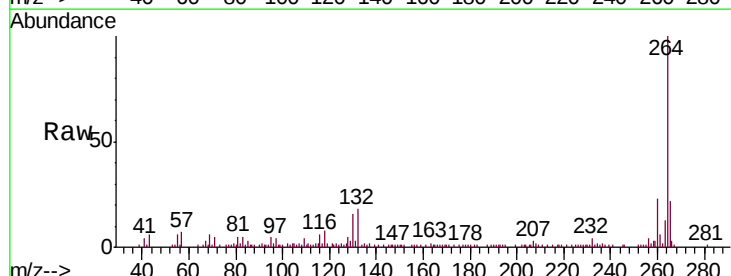
Instrument :
 BNA_F
 ClientSampleId :
 SB-1ARE

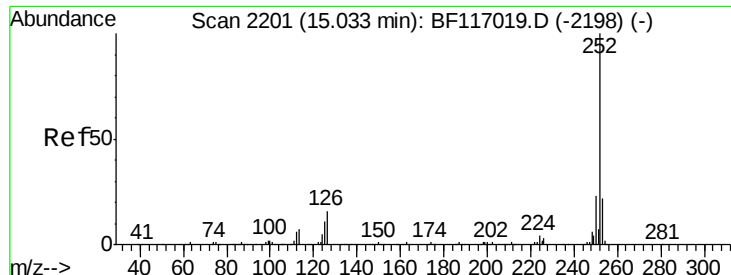
Tgt Ion:244 Resp: 131003
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 12.9 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF117332.D
 Acq: 3 Oct 2019 22:25

Tgt Ion:264 Resp: 87975
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.6 26.4
 265 22.0 16.6 24.8





#89

Benzo(k)fluoranthene

Concen: 2.021 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BF117332.D

Acq: 3 Oct 2019 22:25

Instrument :

BNA_F

ClientSampleId :

SB-1ARE

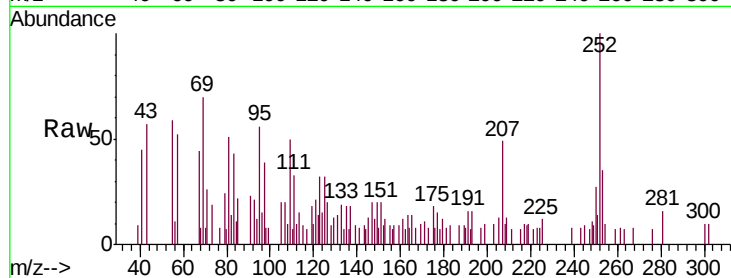
Tgt Ion:252 Resp: 10203

Ion Ratio Lower Upper

252 100

253 34.7 17.4 26.2#

125 32.3 8.8 13.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

