

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091919\
 Data File : BF117176.D
 Acq On : 19 Sep 2019 16:02
 Operator : HP/JU
 Sample : K4957-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 01:33:59 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	28805	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	117235	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	66224	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	115412	20.00	ng	0.00
76) Chrysene-d12	13.96	240	98194	20.00	ng	-0.01
87) Perylene-d12	15.41	264	91387	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	158284	85.79	ng	0.00
7) Phenol-d6	6.46	99	226972	95.19	ng	0.00
23) Nitrobenzene-d5	7.38	82	137075	61.43	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	58313	105.36	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	269504	63.63	ng	0.00
79) Terphenyl-d14	12.91	244	323022	61.49	ng	0.00

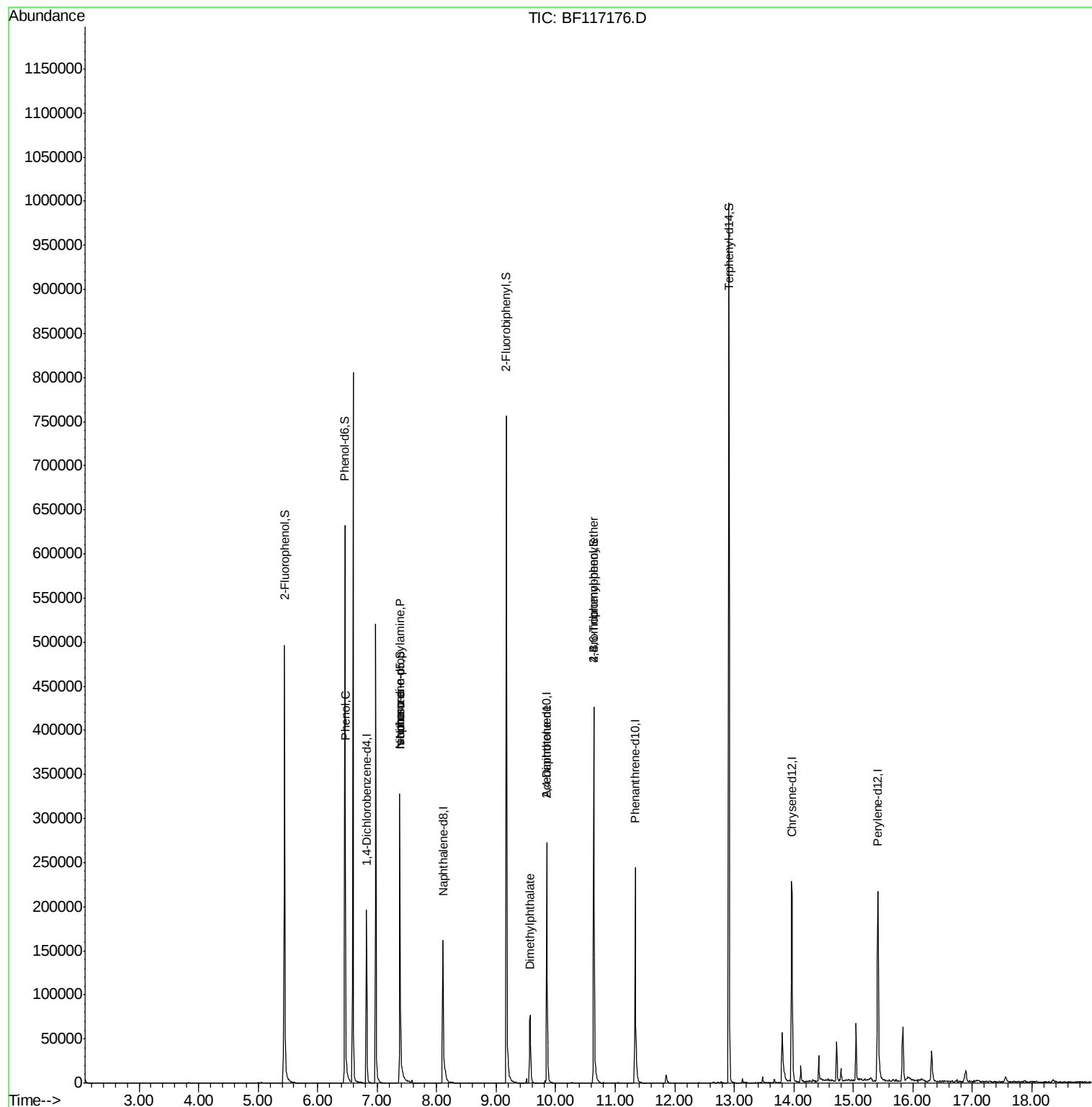
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	5012	Below Cal		# 73
10) Phenol	6.47	94	9035	3.437	ng	# 89
19) n-Nitroso-di-n-propylamine	7.38	70	18577	12.795	ng	# 82
25) Isophorone	7.38	82	137074	34.697	ng	# 66
50) Dimethylphthalate	9.57	163	48567	10.358	ng	# 98
57) 2,4-Dinitrotoluene	9.85	165	7931	6.398	ng	# 18
67) 4-Bromophenyl-phenylether	10.64	248	3810	3.233	ng	# 1

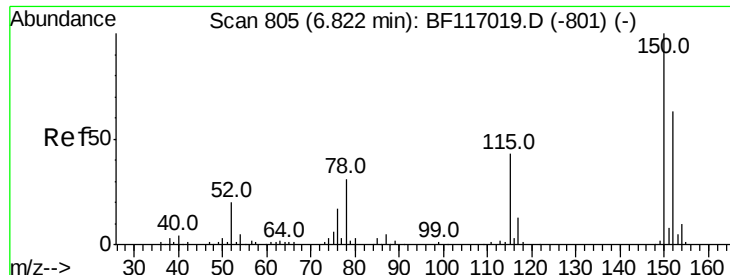
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091919\
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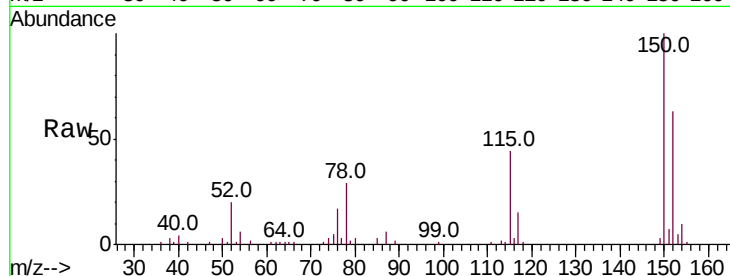


#1

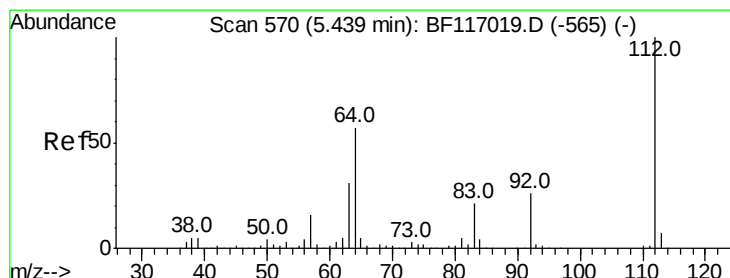
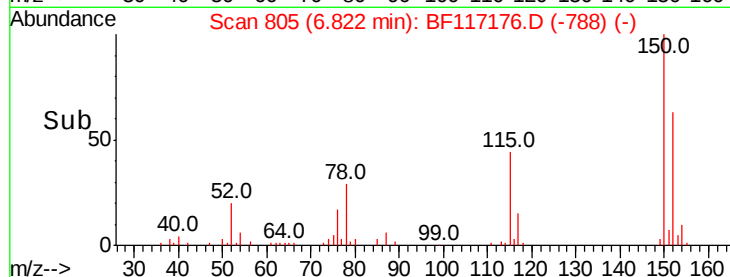
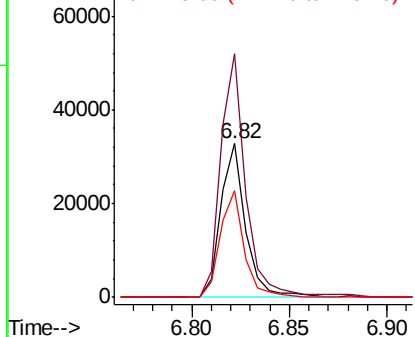
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117176.D
Acq: 19 Sep 2019 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28805
Ion Ratio Lower Upper
152 100
150 158.4 127.5 191.3
115 69.7 55.0 82.4



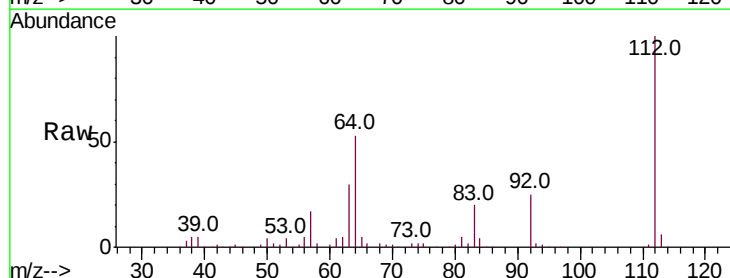
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



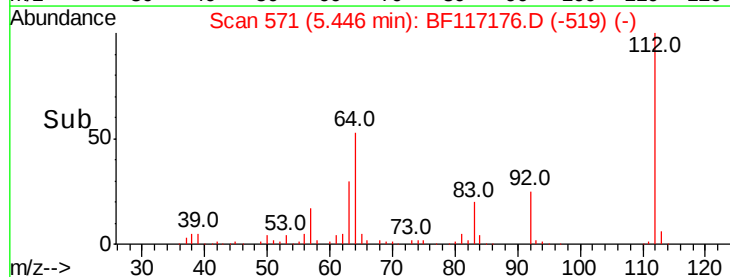
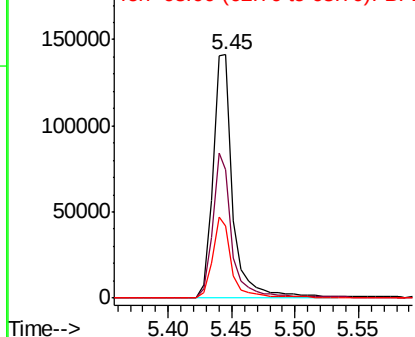
#5

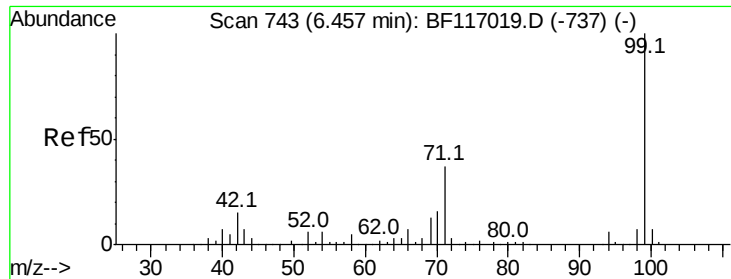
2-Fluorophenol
Concen: 85.791 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117176.D
Acq: 19 Sep 2019 16:02

Tgt Ion:112 Resp: 158284
Ion Ratio Lower Upper
112 100
64 52.7 45.7 68.5
63 29.6 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: 95.190 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

Instrument :

BNA_F

ClientSampleId :

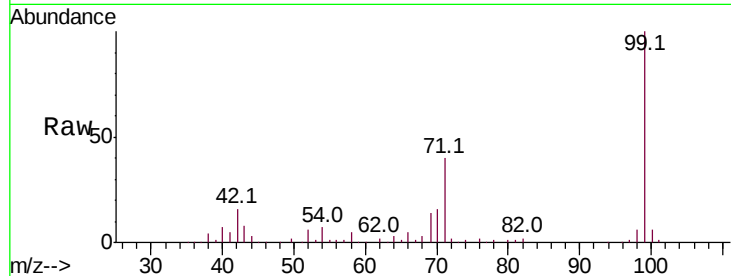
Tot Ion: 99 Resp: 226972

Ion Ratio Lower Upper

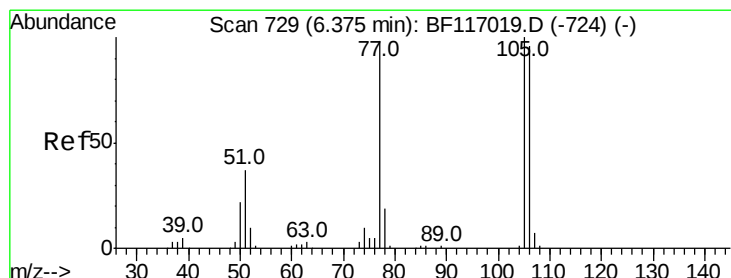
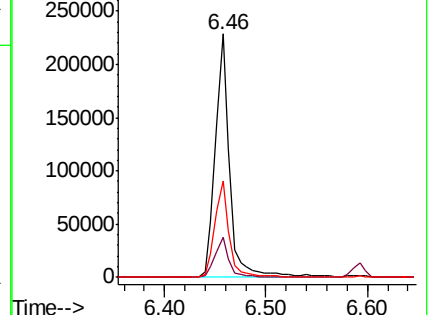
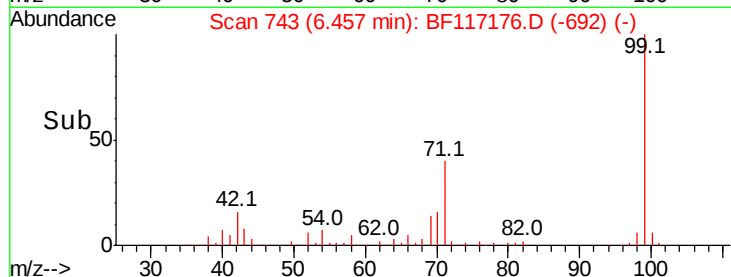
99 100

42 16.4 12.2 18.2

71 39.6 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# 766

Delta R.T. 0.22 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

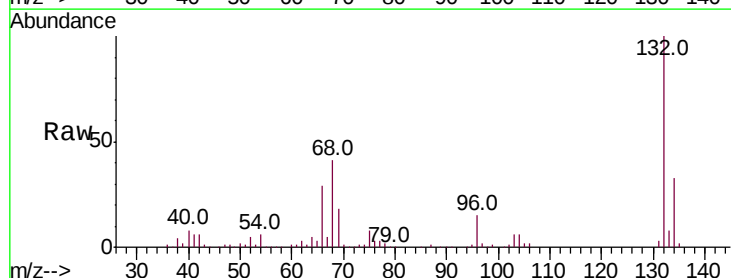
Tgt Ion: 77 Resp: 5012

Ion Ratio Lower Upper

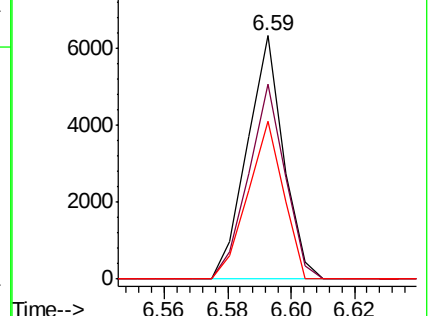
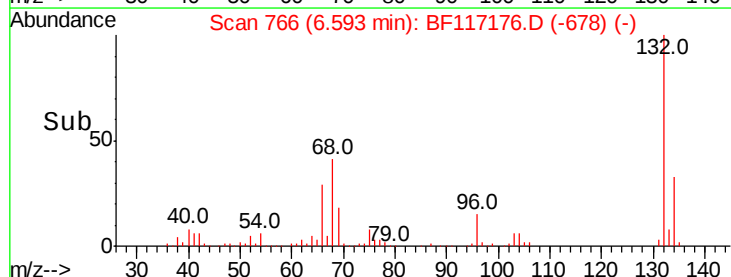
77 100

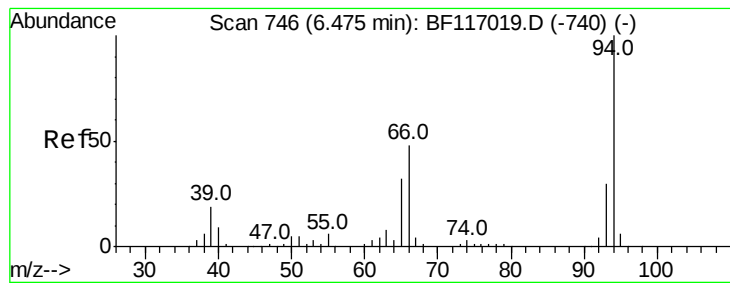
105 79.9 81.8 121.8#

106 64.9 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





#10

Phenol

Concen: 3.437 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

Instrument :

BNA_F

ClientSampleId :

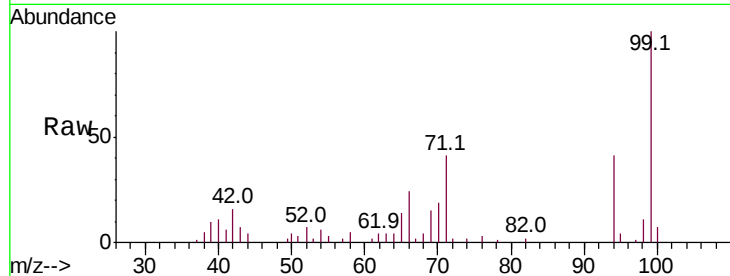
Tot Ion: 94 Resp: 9035

Ion Ratio Lower Upper

94 100

65 35.4 12.5 52.5

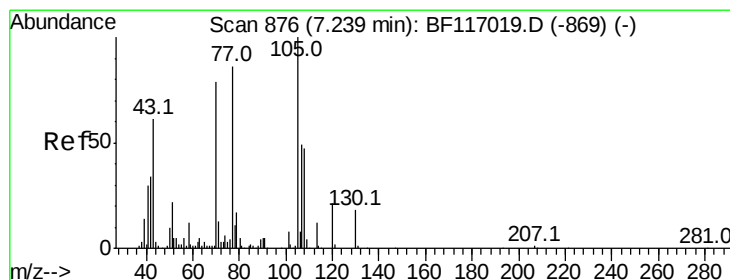
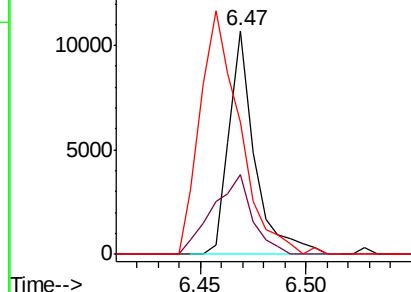
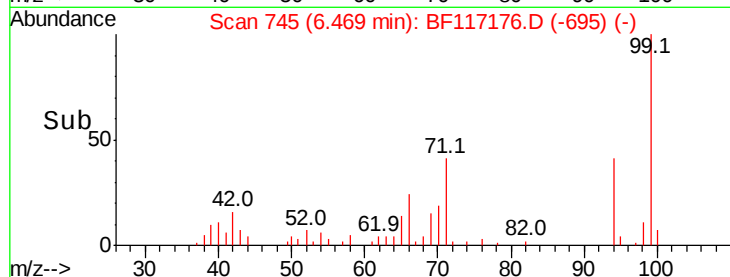
66 59.2 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.795 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

Tgt Ion: 70 Resp: 18577

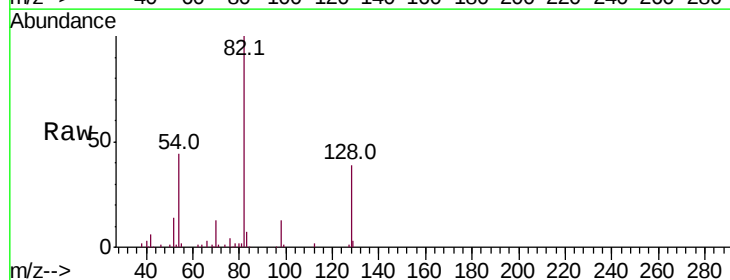
Ion Ratio Lower Upper

70 100

42 41.3 34.0 51.0

101 0.0 7.8 11.6#

130 0.0 17.8 26.8#

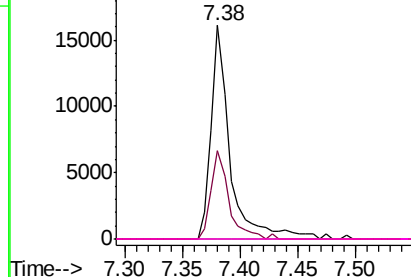
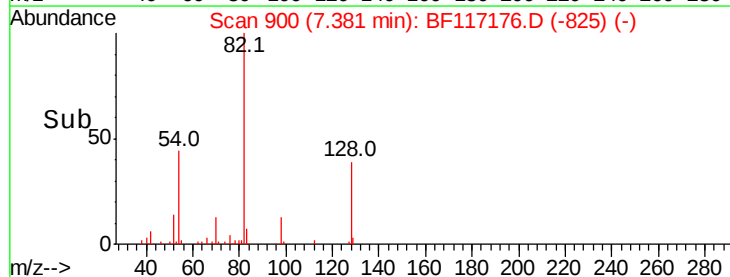


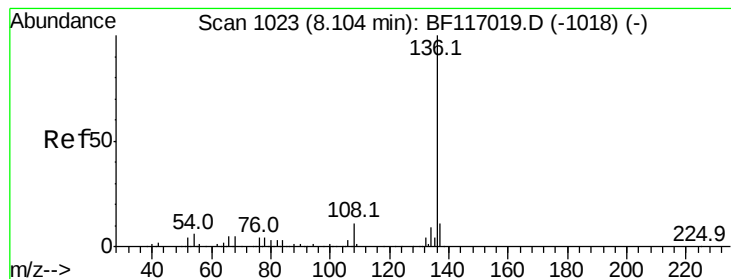
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 117235

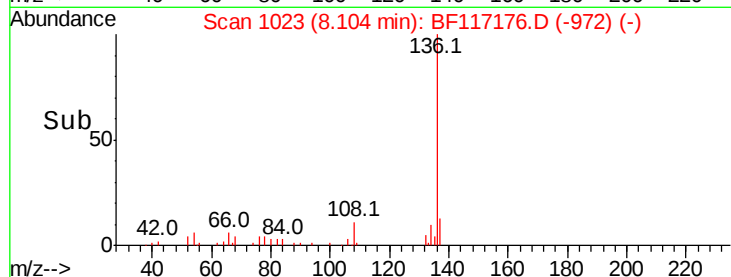
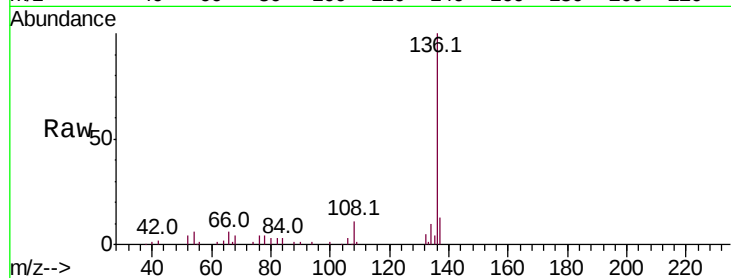
Ion Ratio Lower Upper

136 100

137 12.7 9.0 13.4

54 5.7 4.5 6.7

68 4.3 4.0 6.0

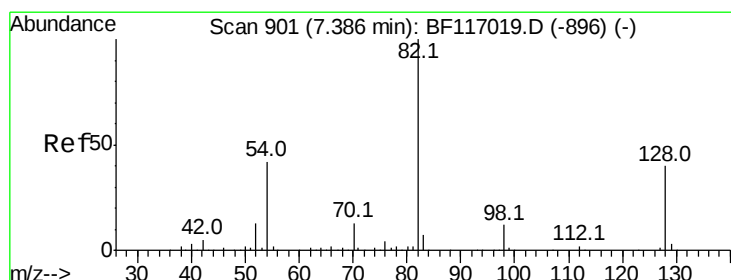
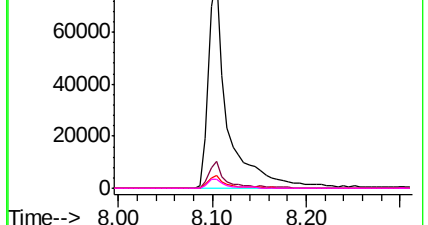


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 61.434 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

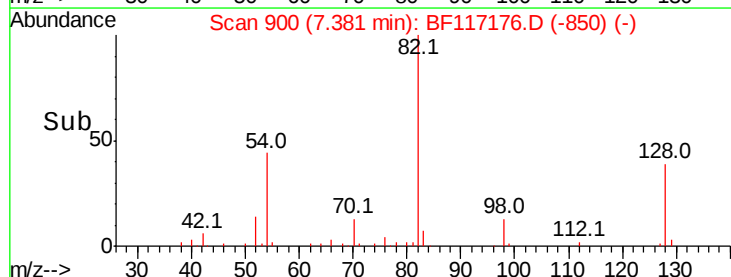
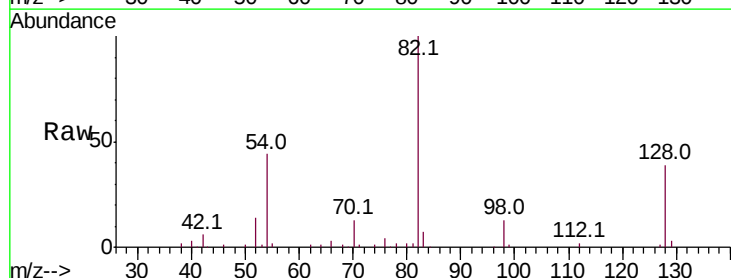
Tgt Ion: 82 Resp: 137075

Ion Ratio Lower Upper

82 100

128 39.5 32.3 48.5

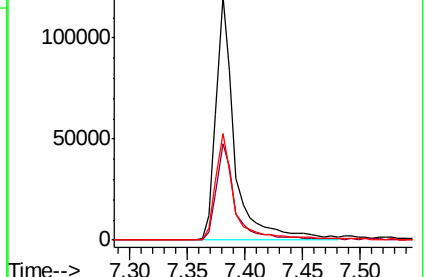
54 43.6 33.3 49.9

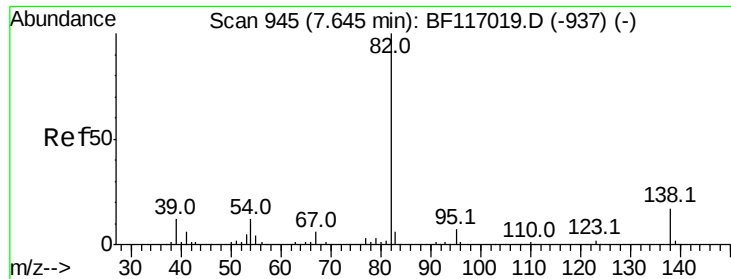


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.697 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

Instrument :

BNA_F

ClientSampleId :

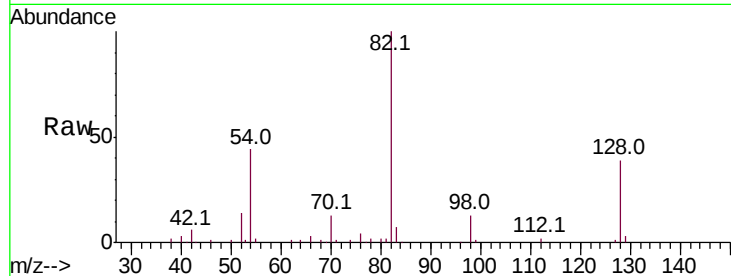
Tot Ion: 82 Resp: 137074

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

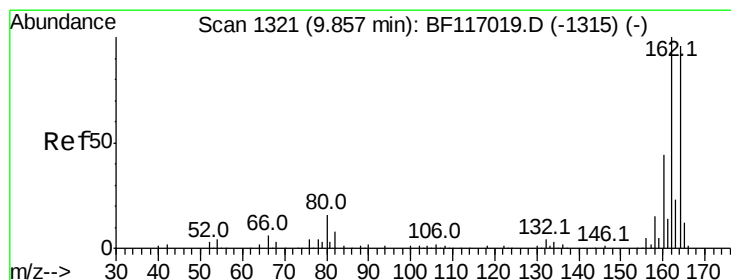
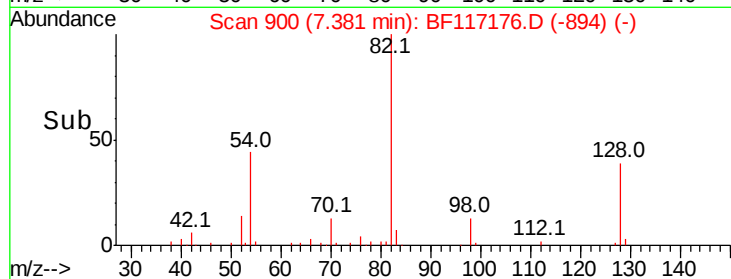
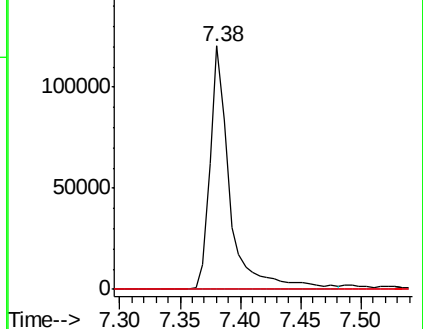
138 0.0 13.5 20.3#



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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

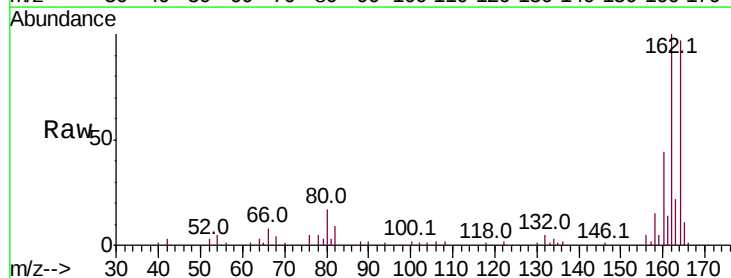
Tgt Ion:164 Resp: 66224

Ion Ratio Lower Upper

164 100

162 102.7 83.4 125.2

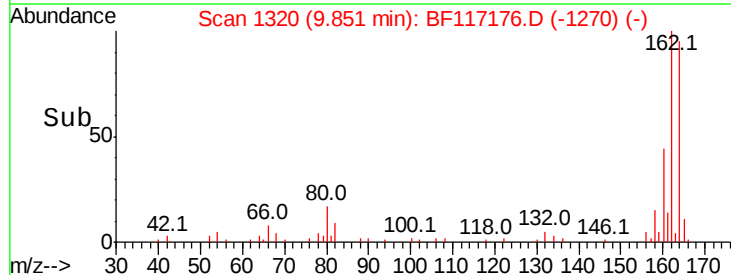
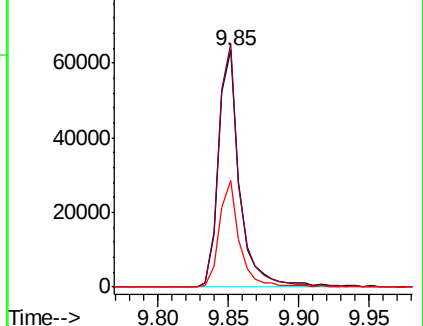
160 44.8 36.4 54.6

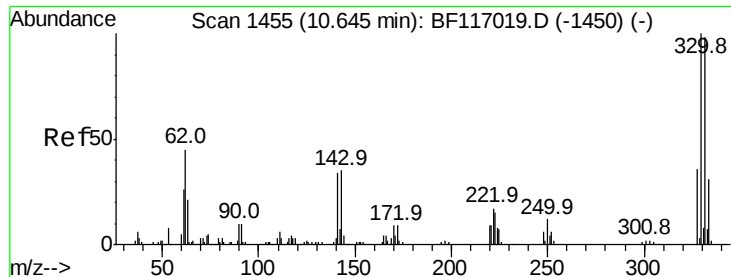


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 105.357 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

Instrument :

BNA_F

ClientSampleId :

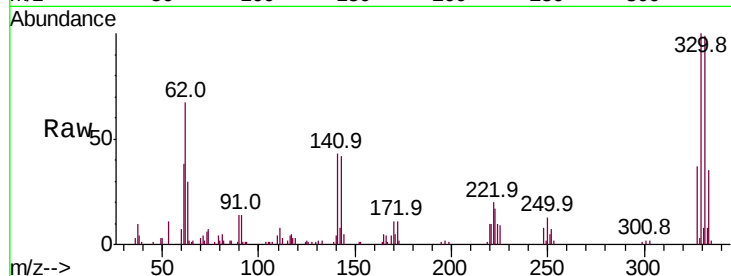
Tot Ion:330 Resp: 58313

Ion Ratio Lower Upper

330 100

332 97.6 78.0 117.0

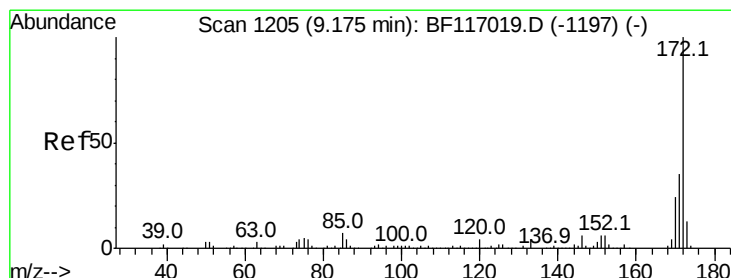
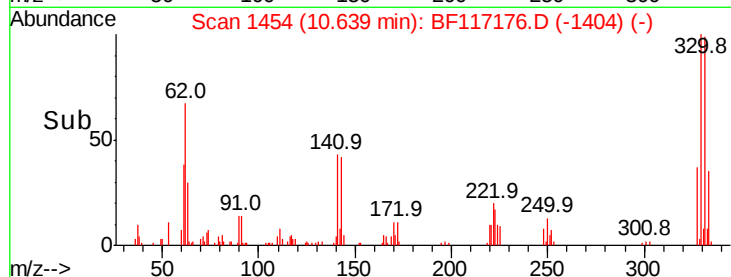
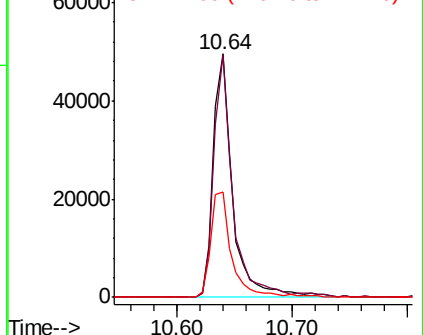
141 46.8 35.8 53.6



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: 63.631 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

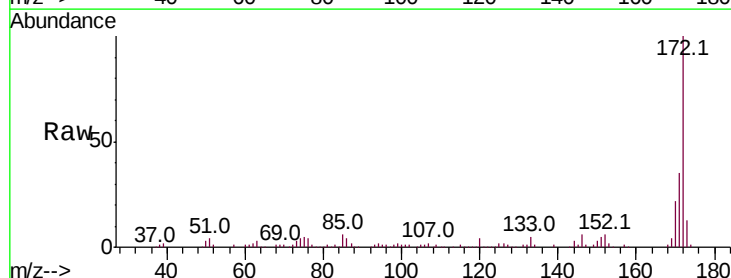
Tgt Ion:172 Resp: 269504

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

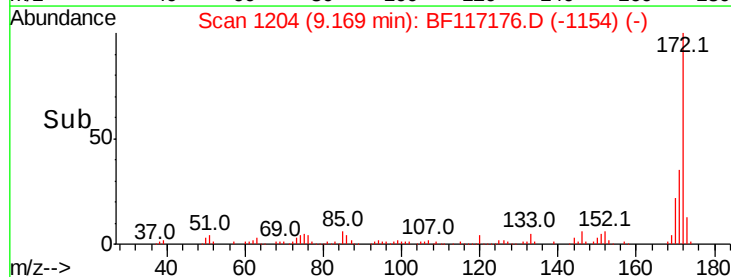
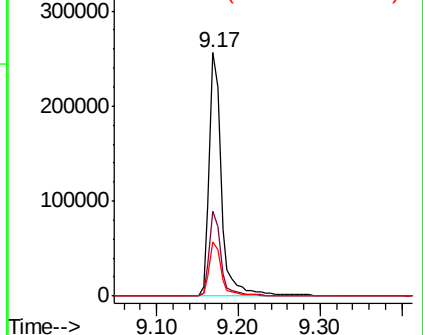
170 22.2 18.9 28.3

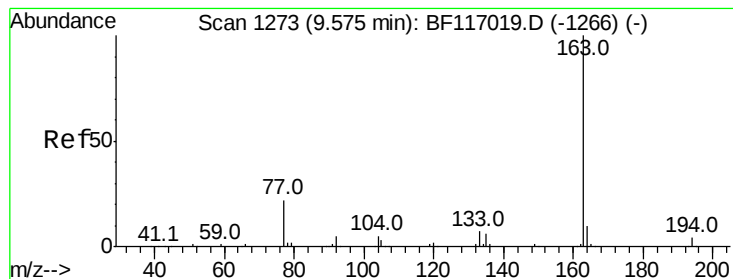


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.358 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

Instrument :

BNA_F

ClientSampleId :

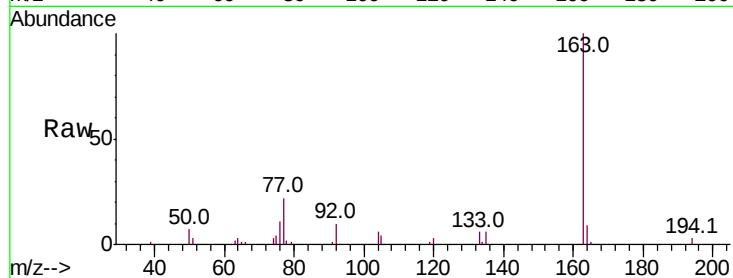
Tot Ion:163 Resp: 48567

Ion Ratio Lower Upper

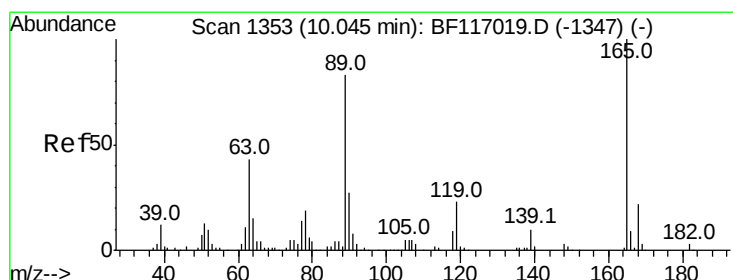
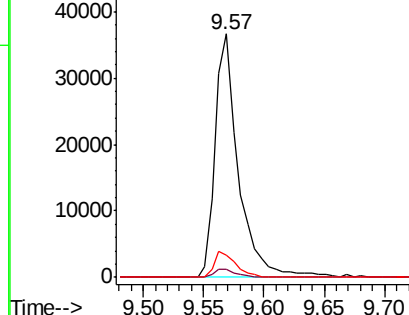
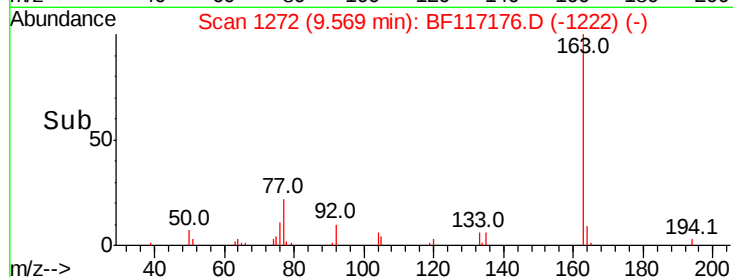
163 100

194 3.4 2.9 4.3

164 9.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.398 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF117176.D

Acq: 19 Sep 2019 16:02

Tgt Ion:165 Resp: 7931

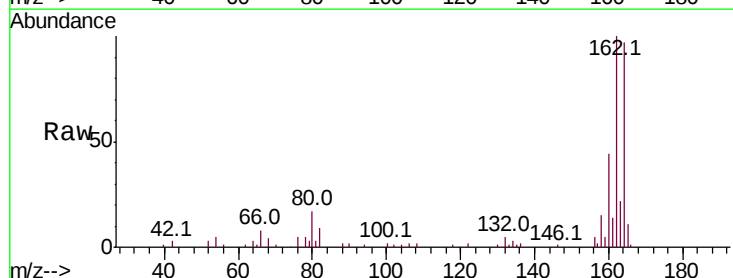
Ion Ratio Lower Upper

165 100

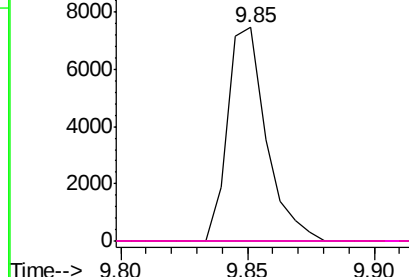
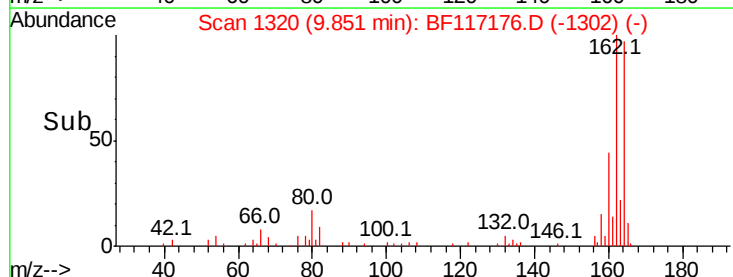
63 0.0 35.0 52.4#

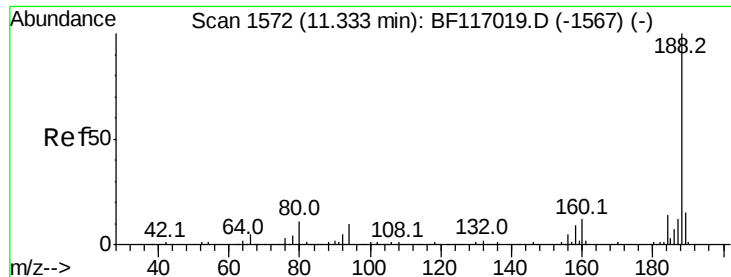
89 0.0 66.1 99.1#

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

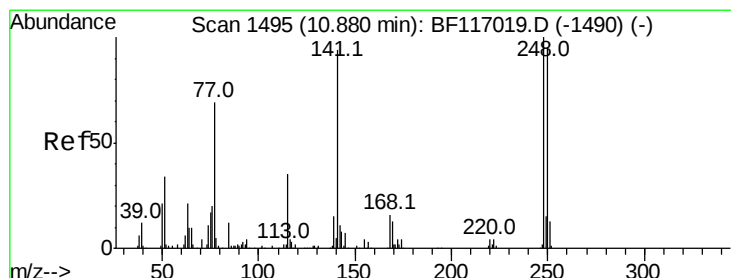
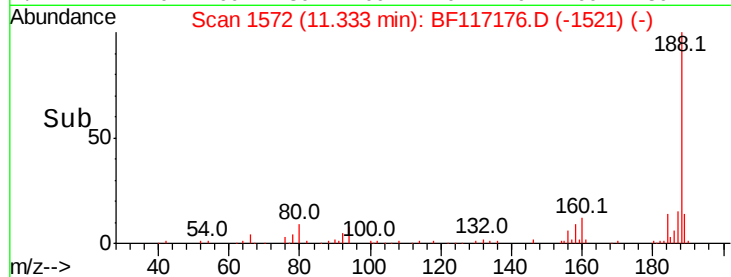
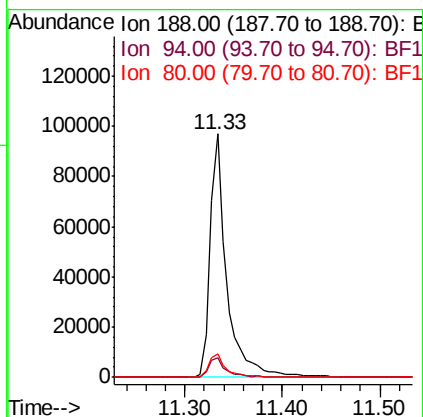
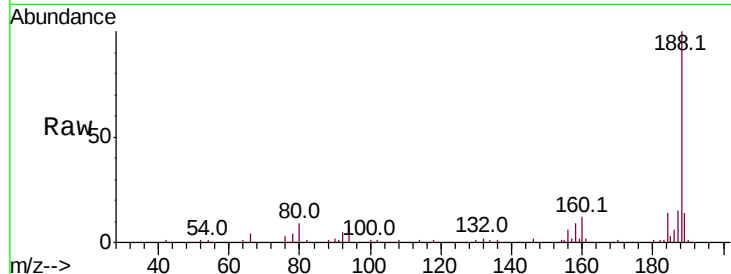




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117176.D
 Acq: 19 Sep 2019 16:02

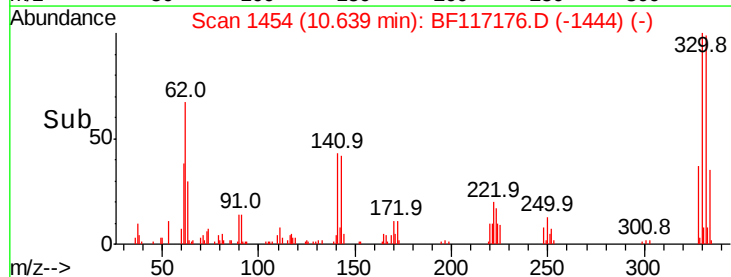
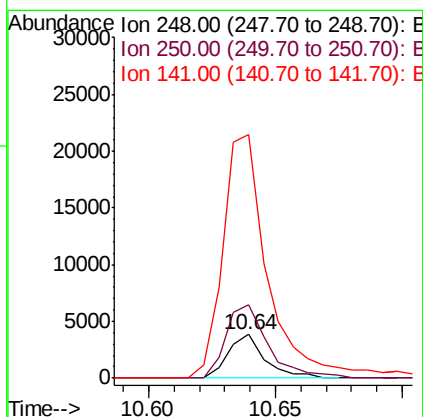
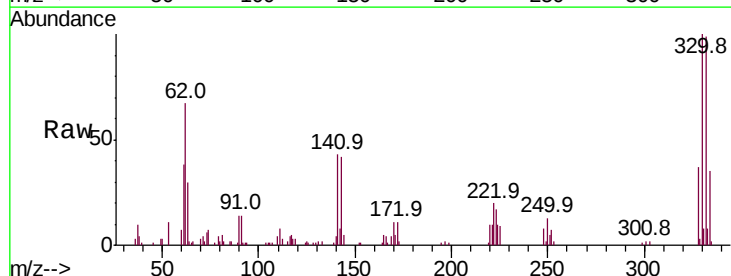
Instrument :
 BNA_F
 ClientSampled :

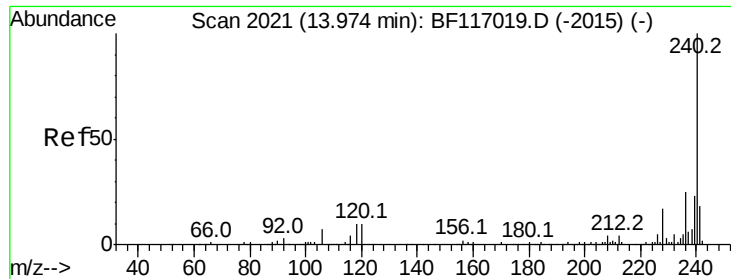
Tot Ion:188 Resp: 115412
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.2 12.2#
 80 9.5 9.0 13.6



#67
 4-Bromophenyl-phenylether
 Concen: 3.233 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117176.D
 Acq: 19 Sep 2019 16:02

Tgt Ion:248 Resp: 3810
 Ion Ratio Lower Upper
 248 100
 250 170.9 76.2 114.4#
 141 562.2 75.0 112.4#

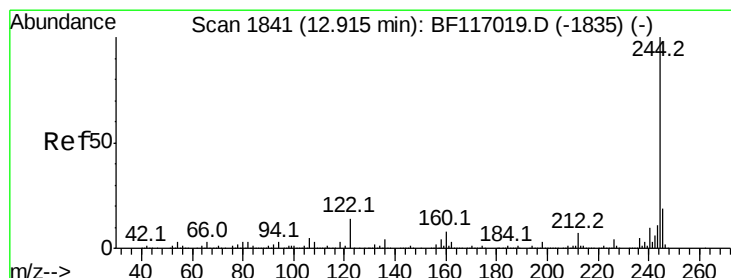
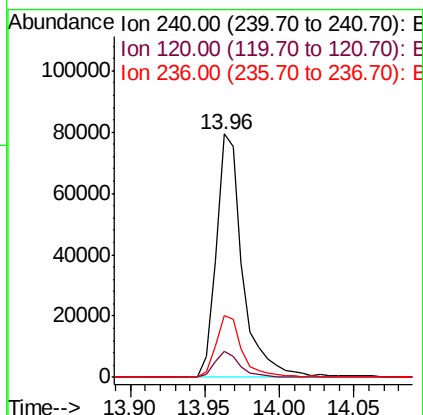
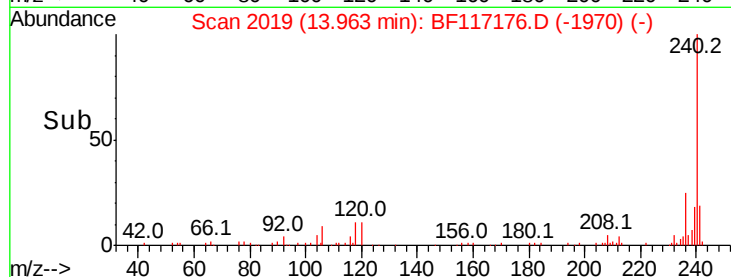
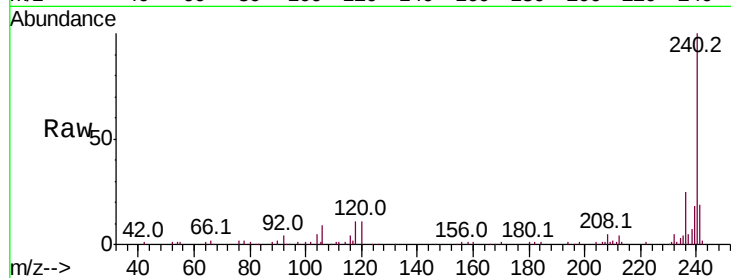




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF117176.D
 Acq: 19 Sep 2019 16:02

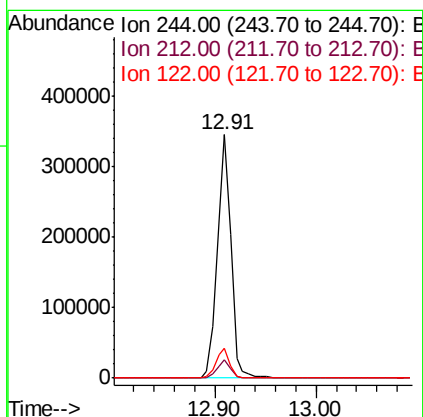
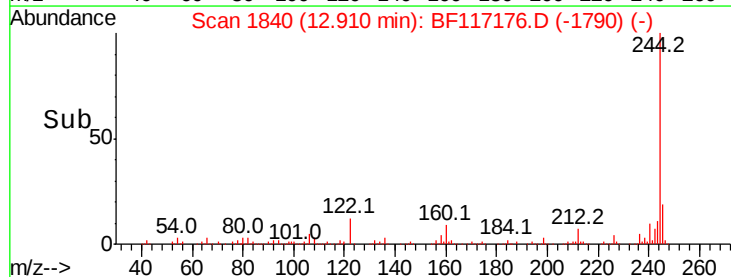
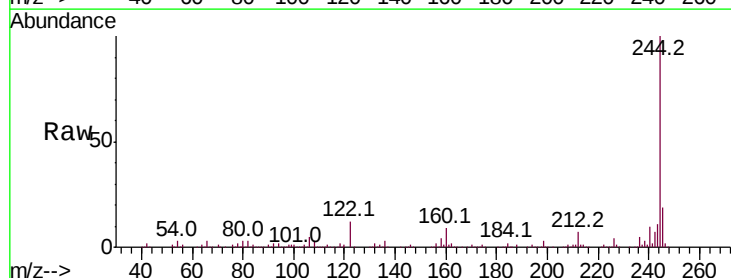
Instrument :
 BNA_F
 ClientSampled :

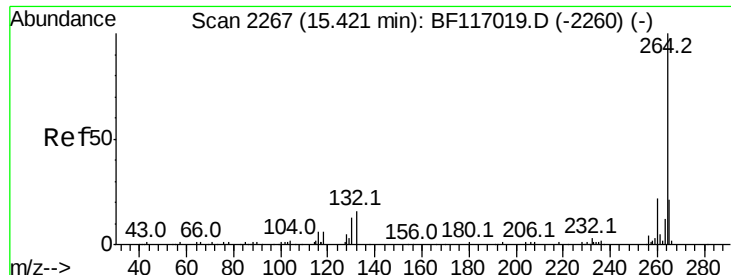
Tot Ion:240 Resp: 98194
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.3 12.5
 236 25.4 20.3 30.5



#79
 Terphenyl-d14
 Concen: 61.491 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117176.D
 Acq: 19 Sep 2019 16:02

Tgt Ion:244 Resp: 323022
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 12.5 11.3 16.9

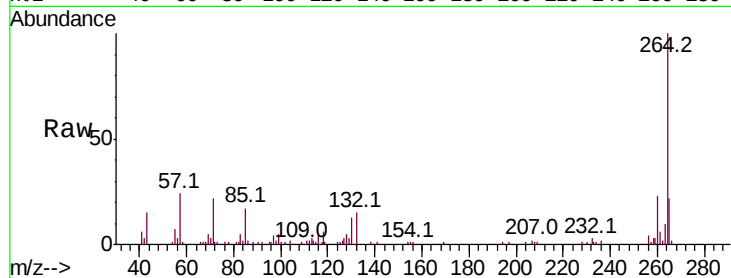




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117176.D
 Acq: 19 Sep 2019 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.6	26.4
265	21.6	16.6	24.8



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

