

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114078.D
 Acq On : 1 May 2019 19:32
 Operator : JU/SJ
 Sample : K2204-05RE 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-043019RE

Quant Time: May 02 06:41:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

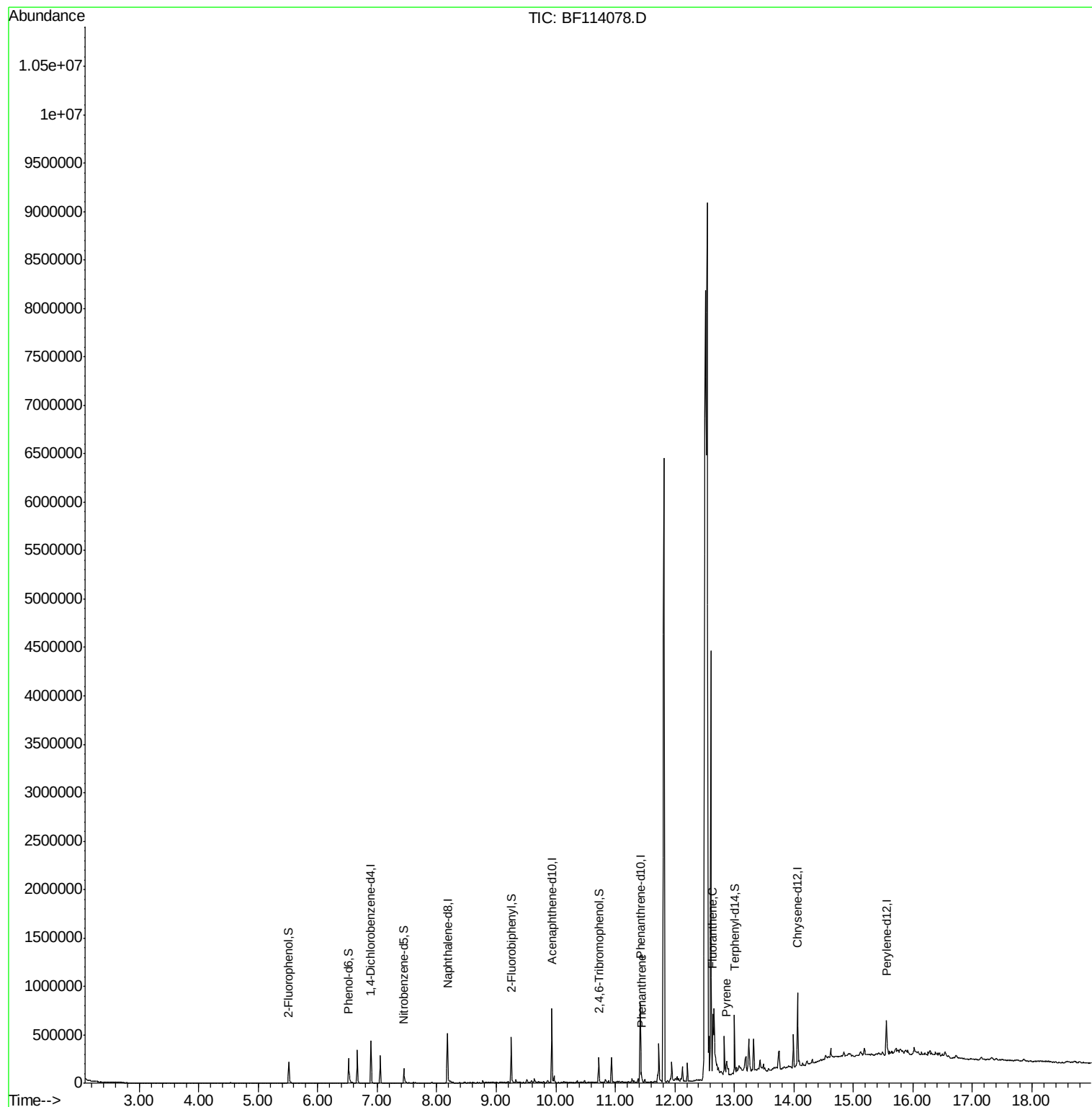
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	71674	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	295175	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	150948	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	315706	20.00	ng	0.00
76) Chrysene-d12	14.06	240	236250	20.00	ng	0.00
87) Perylene-d12	15.56	264	184998	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	78934	18.84	ng	0.00
7) Phenol-d6	6.52	99	109496	20.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	58195	12.17	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	35470	19.29	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	155378	16.10	ng	0.00
79) Terphenyl-d14	13.00	244	183991	15.97	ng	0.00
Target Compounds						
71) Phenanthrene	11.45	178	38025	2.397	ng	99
75) Fluoranthene	12.64	202	47323	2.734	ng	99
78) Pyrene	12.87	202	55881	3.382	ng	98

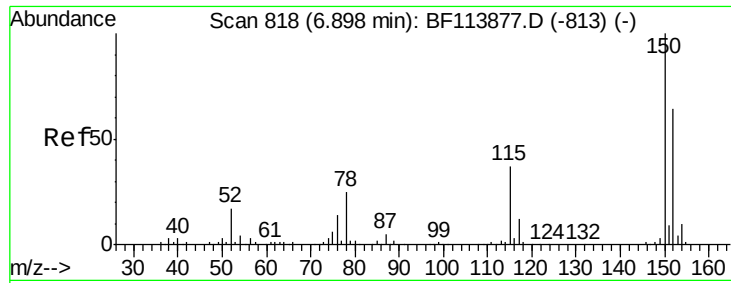
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

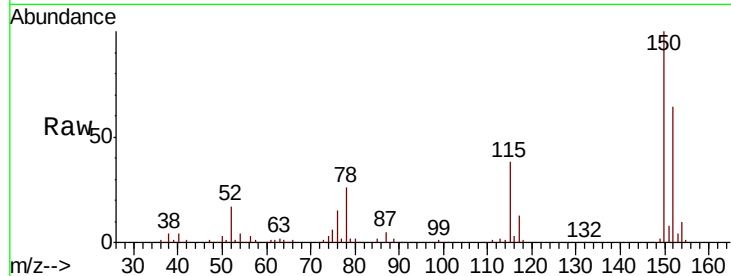




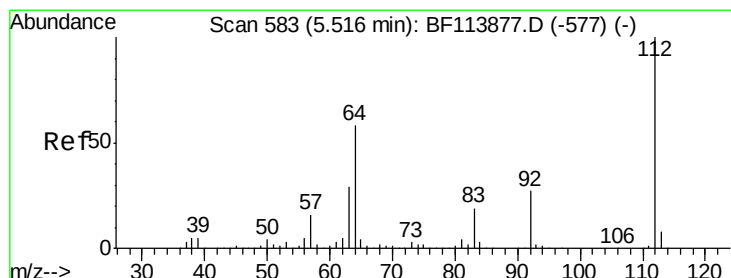
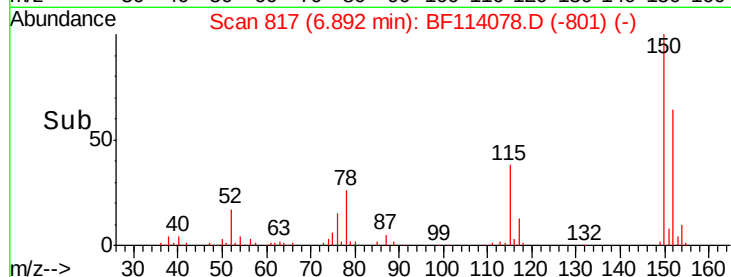
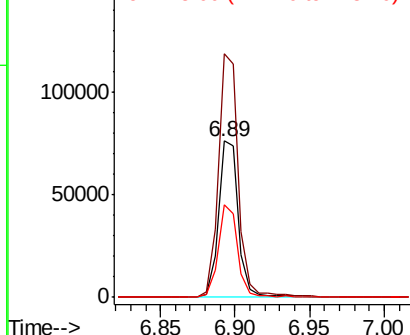
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-043019RE

Tot Ion:152 Resp: 71674
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.9 188.9
 115 59.6 45.9 68.9

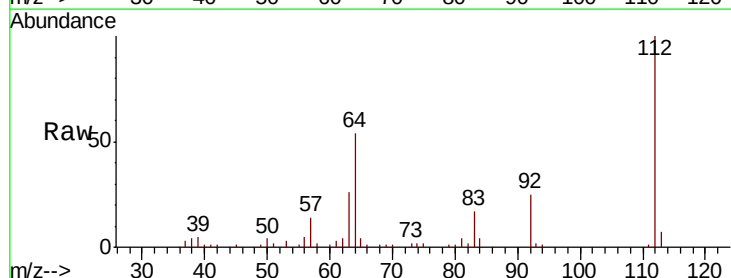


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

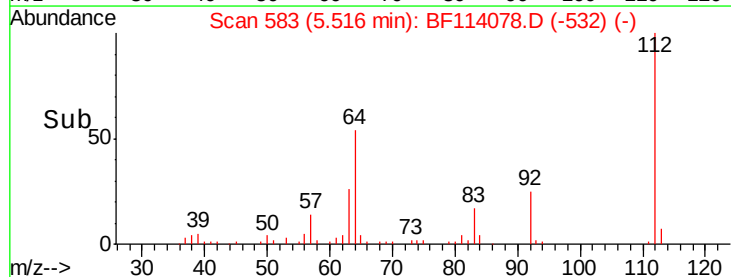
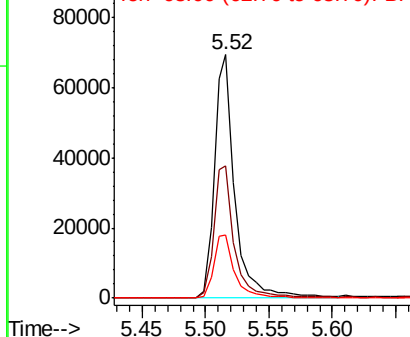


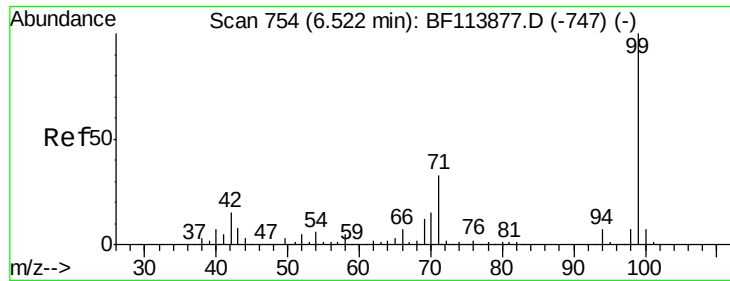
#5
 2-Fluorophenol
 Concen: 18.836 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Tgt Ion:112 Resp: 78934
 Ion Ratio Lower Upper
 112 100
 64 54.3 46.6 69.8
 63 26.1 23.1 34.7



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: 20.826 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

TR-04-043019RE

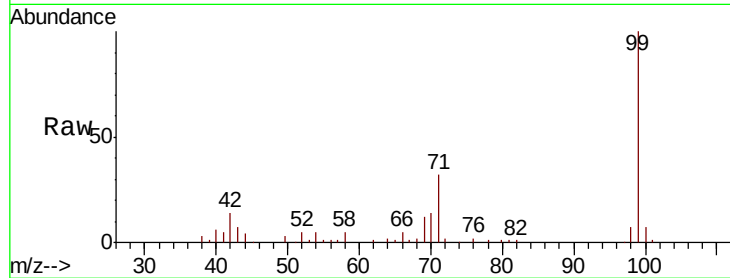
Tot Ion: 99 Resp: 109496

Ion Ratio Lower Upper

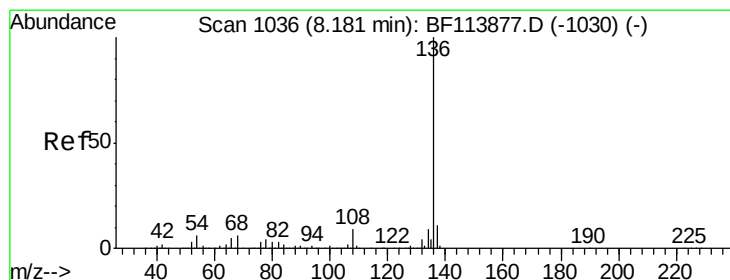
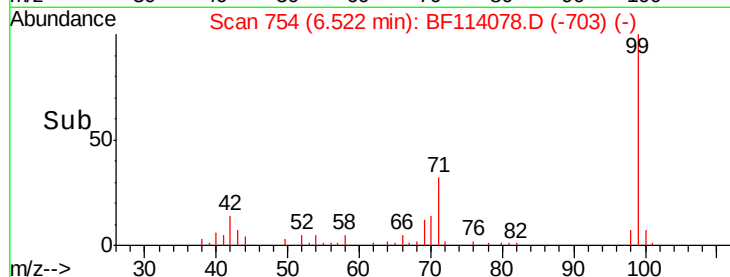
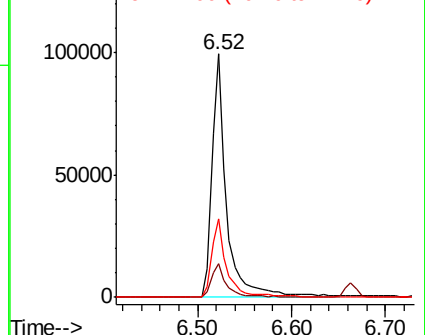
99 100

42 14.0 12.5 18.7

71 32.0 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Tgt Ion: 136 Resp: 295175

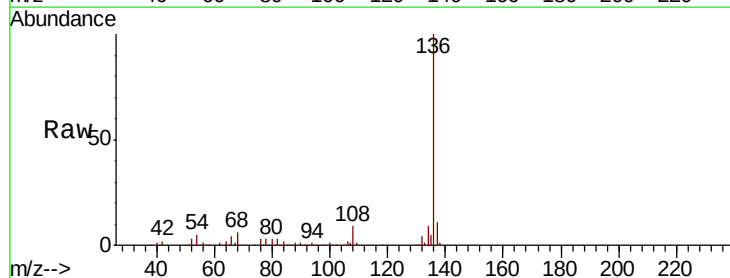
Ion Ratio Lower Upper

136 100

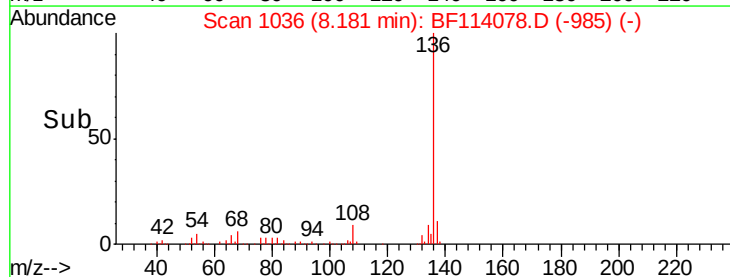
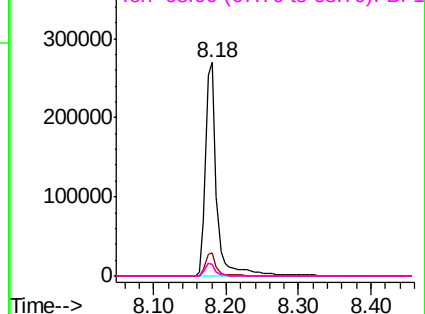
137 10.7 8.6 12.8

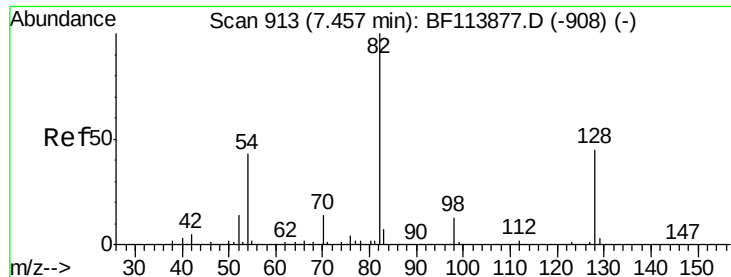
54 5.5 5.0 7.6

68 5.6 4.9 7.3



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

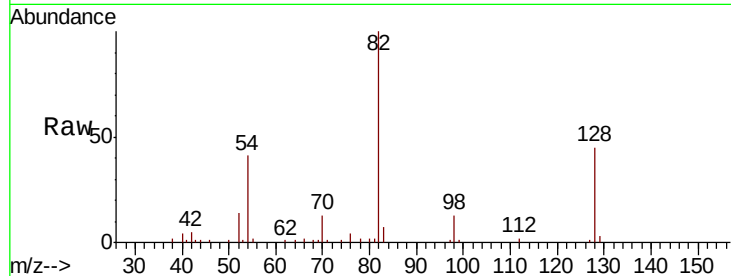




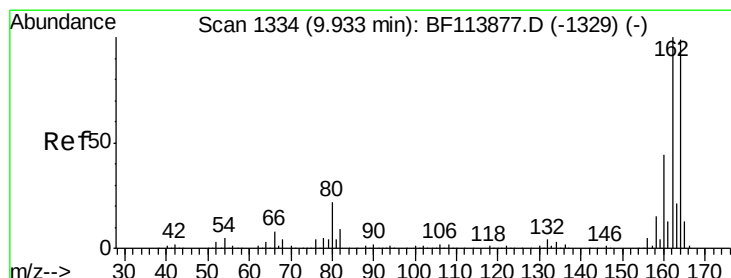
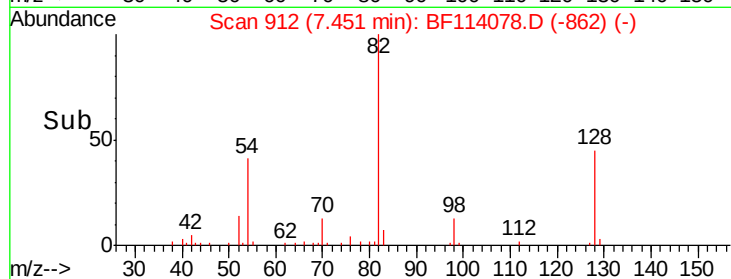
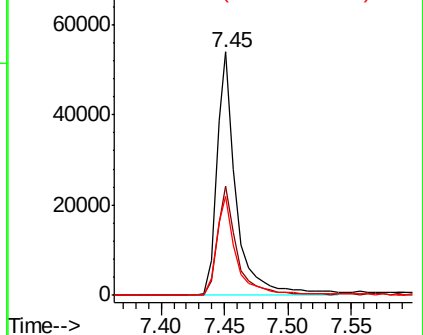
#23
 Nitrobenzene-d5
 Concen: 12.173 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-043019RE

Tot Ion	82	Resp	58195
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.8	55.2
54	40.9	33.8	50.6

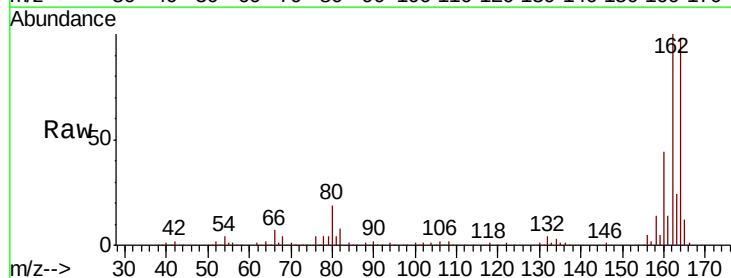


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

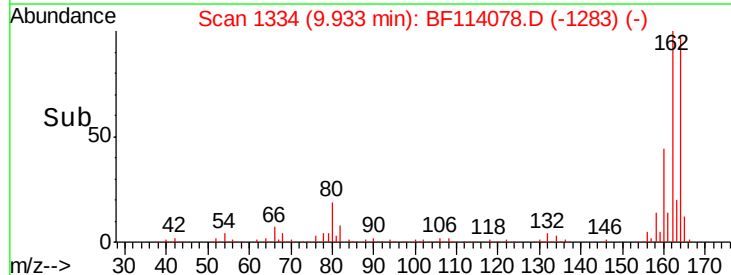
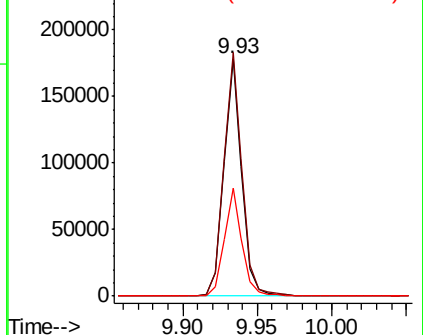


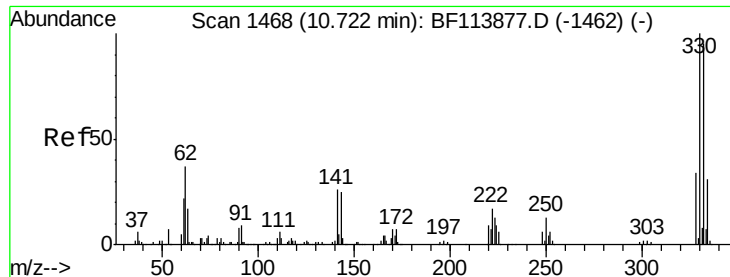
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Tgt Ion	164	Resp	150948
Ion Ratio	Lower	Upper	
164	100		
162	102.5	81.1	121.7
160	45.3	35.8	53.6



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: 19.289 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

TR-04-043019RE

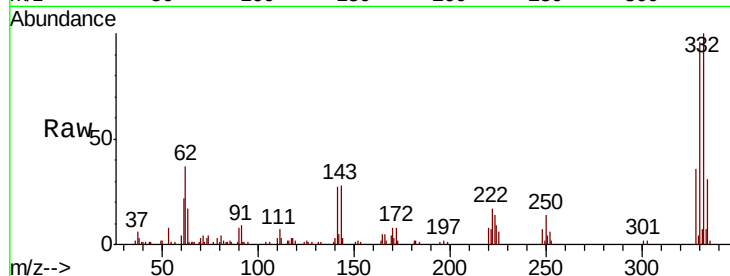
Tot Ion:330 Resp: 35470

Ion Ratio Lower Upper

330 100

332 98.7 77.5 116.3

141 28.9 22.2 33.2

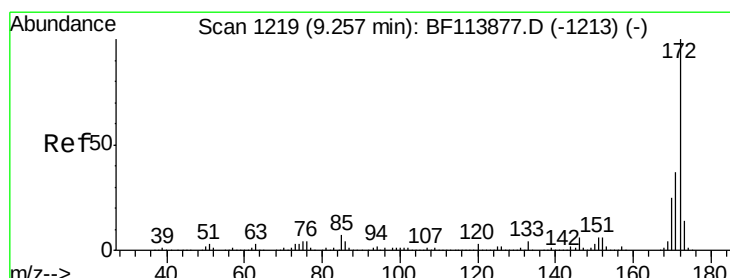
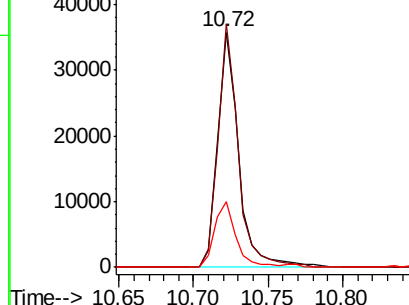
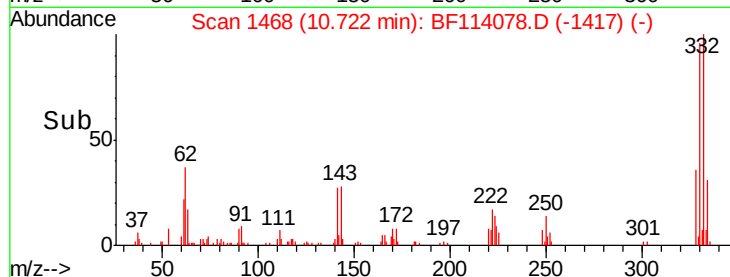


Abundance

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: 16.099 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

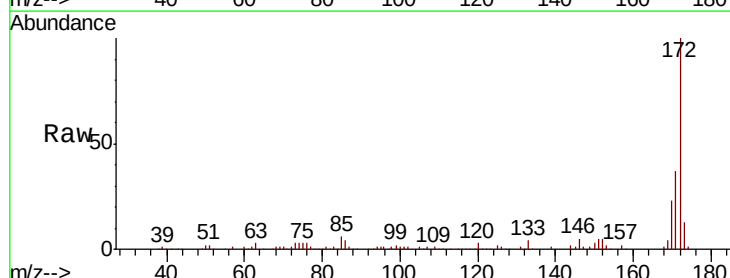
Tgt Ion:172 Resp: 155378

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

170 23.1 19.9 29.9

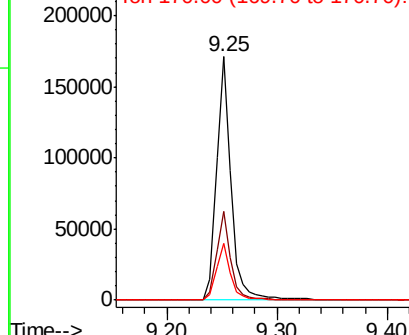
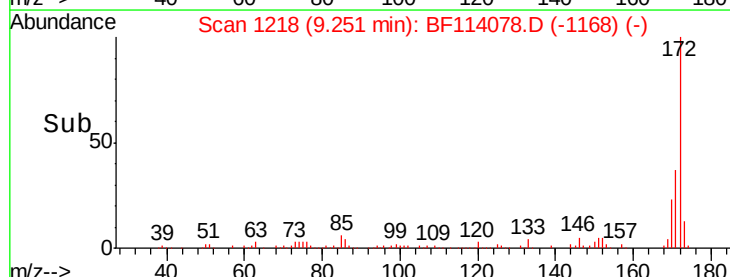


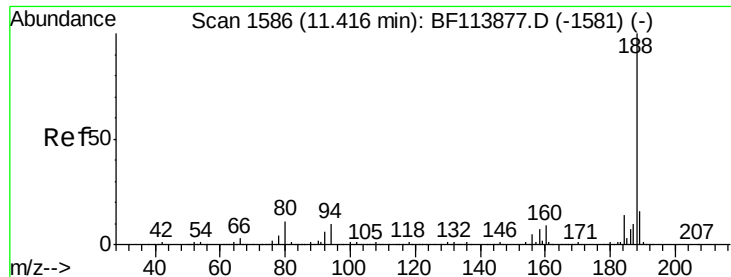
Abundance

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

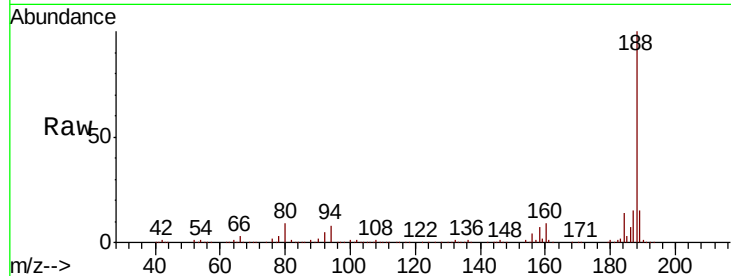




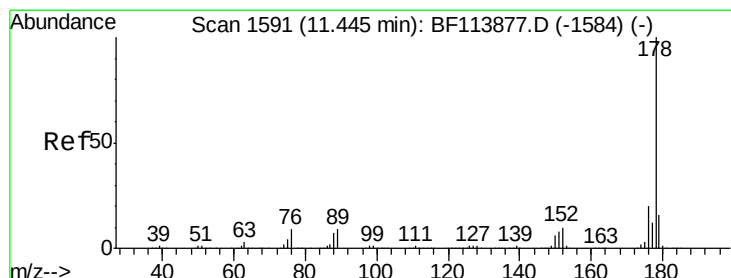
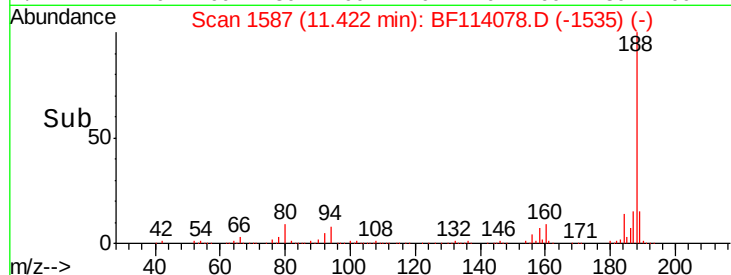
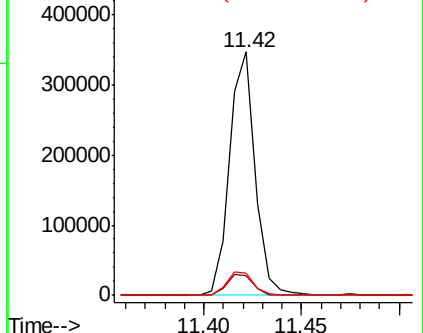
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-043019RE

Tot Ion:188 Resp: 315706
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.2 12.4#
 80 9.1 9.0 13.6

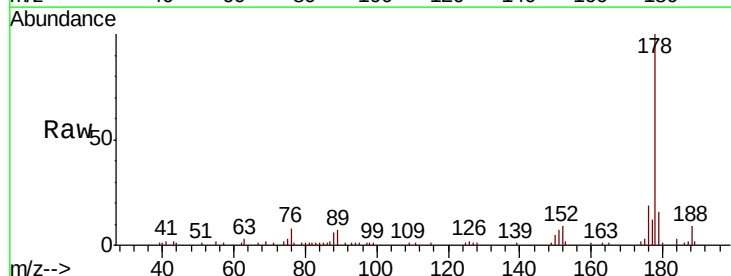


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

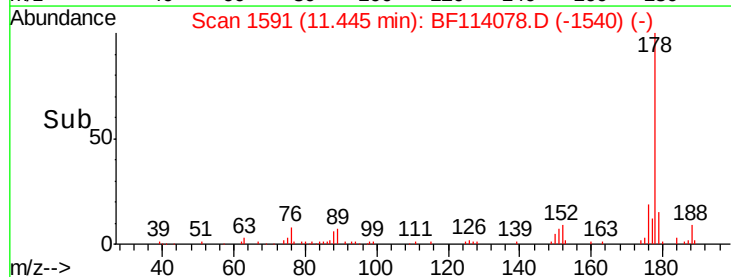
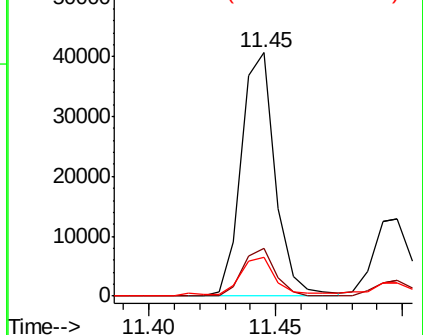


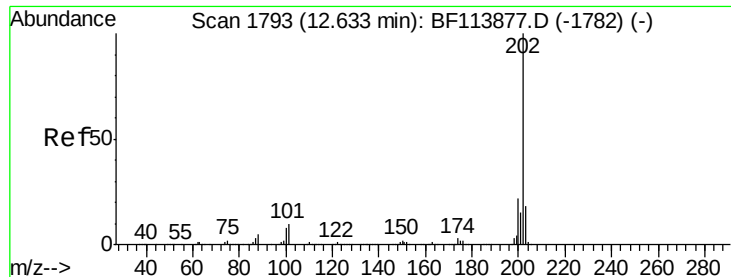
#71
 Phenanthrene
 Concen: 2.397 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Tgt Ion:178 Resp: 38025
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.1 24.1
 179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.734 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

TR-04-043019RE

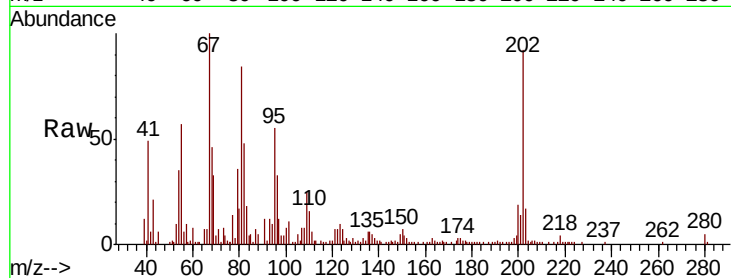
Tot Ion:202 Resp: 47323

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.9

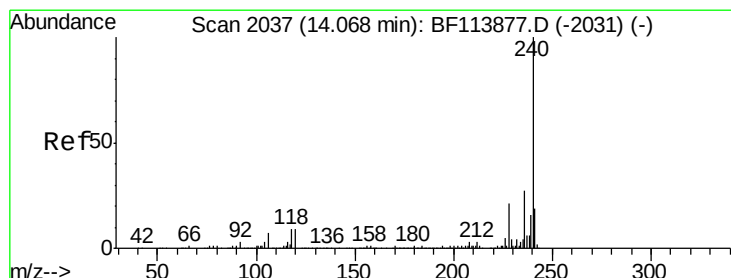
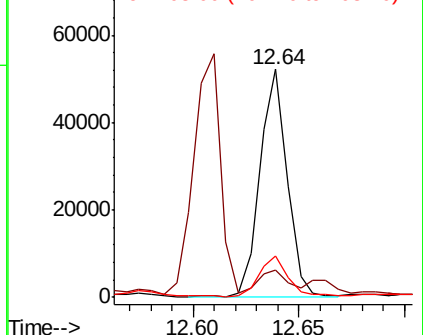
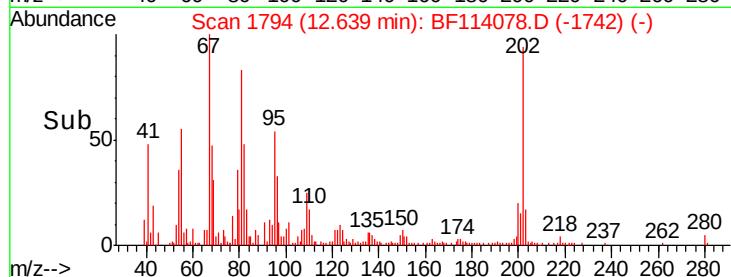
203 18.0 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

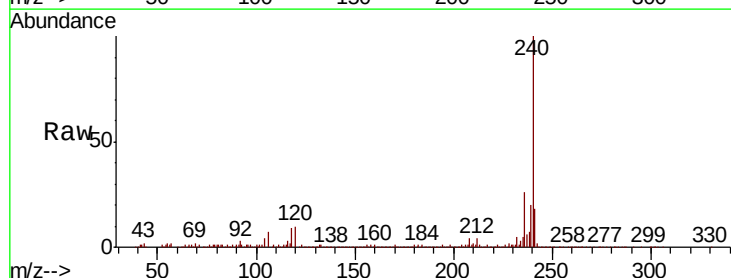
Tgt Ion:240 Resp: 236250

Ion Ratio Lower Upper

240 100

120 9.6 9.3 13.9

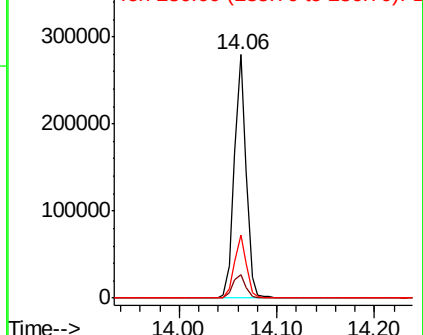
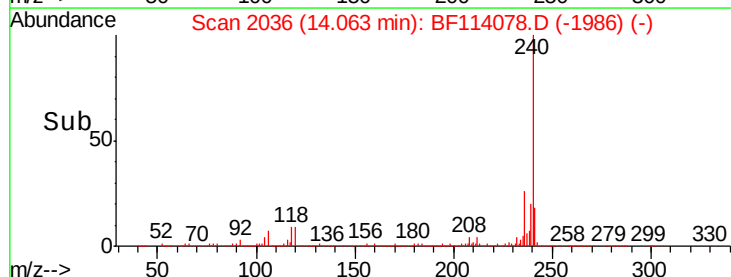
236 26.1 21.2 31.8

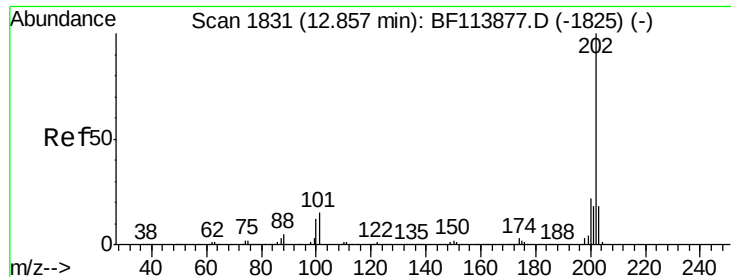


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.382 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

Instrument :

BNA_F

ClientSampleId :

TR-04-043019RE

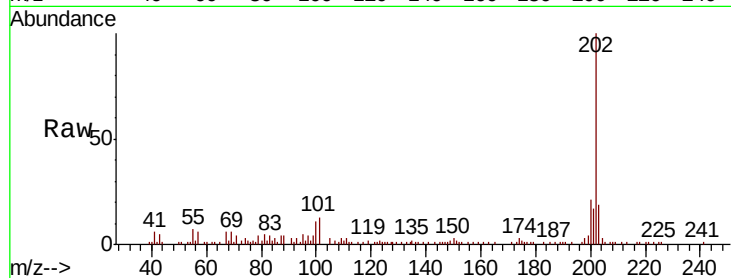
Tot Ion:202 Resp: 55881

Ion Ratio Lower Upper

202 100

200 20.7 17.7 26.5

203 18.5 15.0 22.6

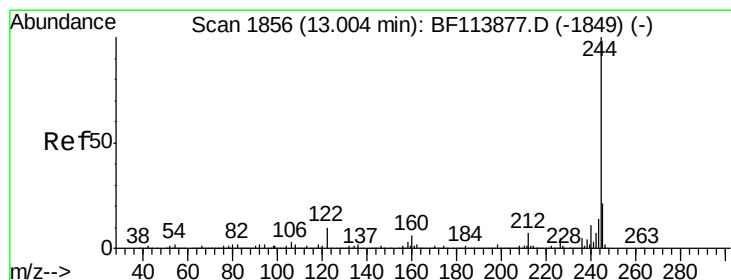
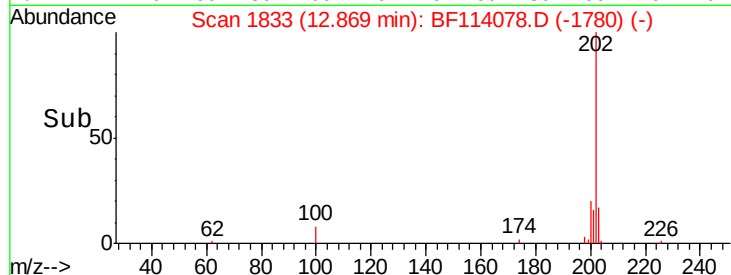
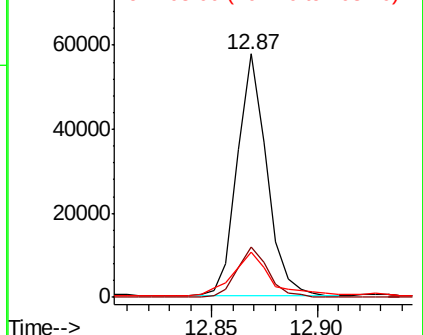


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 15.966 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114078.D

Acq: 1 May 2019 19:32

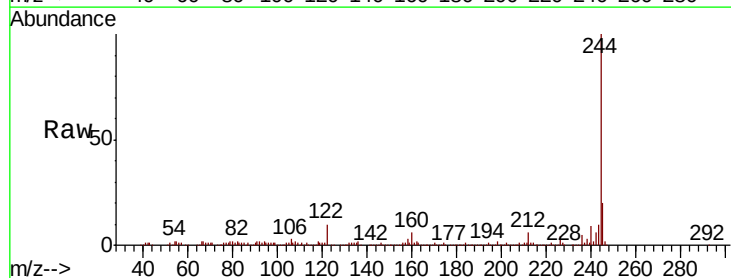
Tgt Ion:244 Resp: 183991

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.2

122 9.7 7.6 11.4

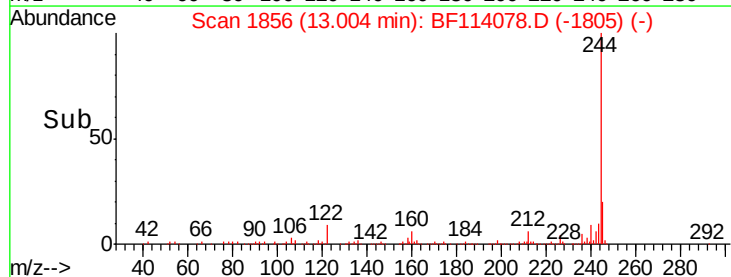
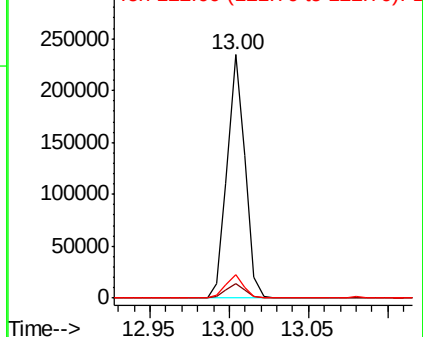


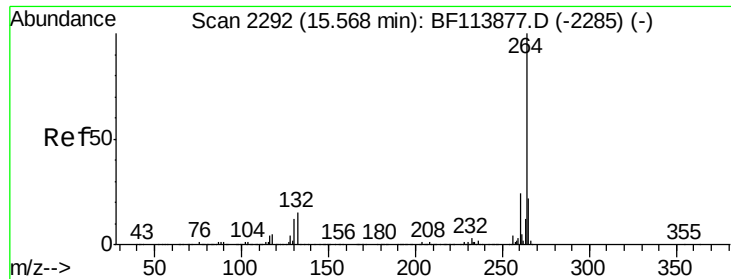
Abundance

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

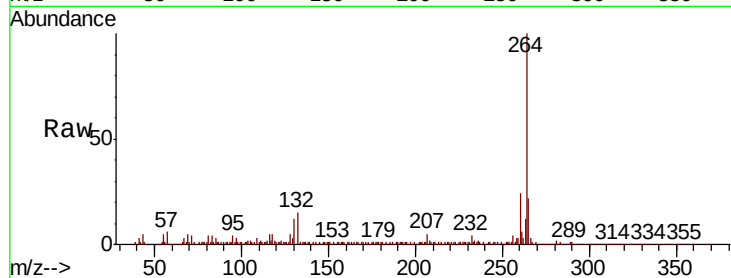




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF114078.D
 Acq: 1 May 2019 19:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-043019RE

Tot Ion:	264	Resp:	184998
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.9	17.3	25.9



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

