

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117015.D
 Acq On : 13 Sep 2019 9:57
 Operator : HP/JU
 Sample : PB122992BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BL

Quant Time: Sep 13 11:07:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	65905	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	271920	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	146026	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	256292	20.00	ng	0.00
76) Chrysene-d12	13.97	240	178124	20.00	ng	0.00
87) Perylene-d12	15.42	264	149546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	445307	109.46	ng	0.00
7) Phenol-d6	6.46	99	605086	113.27	ng	0.00
23) Nitrobenzene-d5	7.39	82	387435	81.34	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	137183	140.53	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	731990	84.56	ng	0.00
79) Terphenyl-d14	12.92	244	798198	82.90	ng	0.00

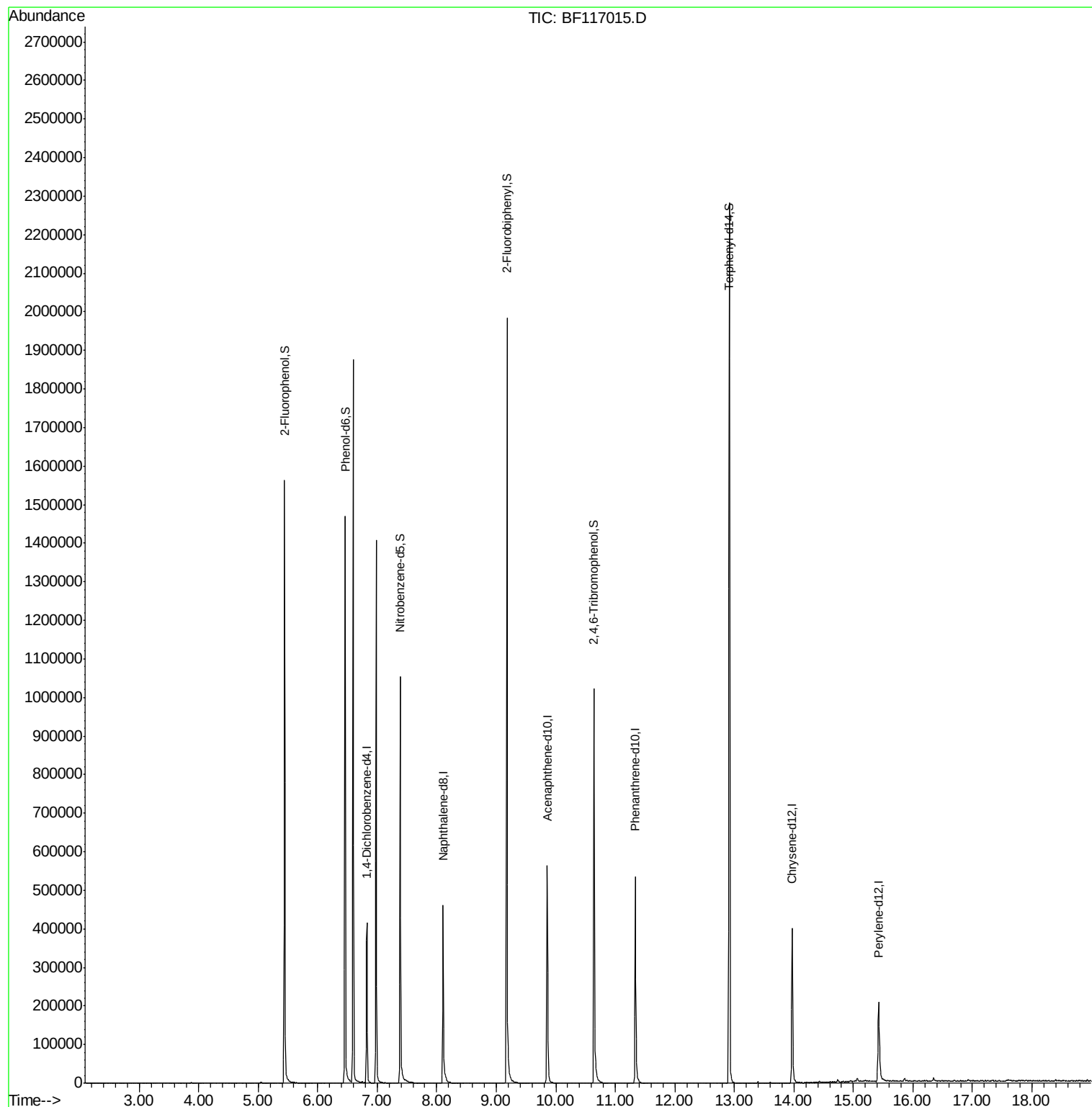
Target Compounds Qvalue

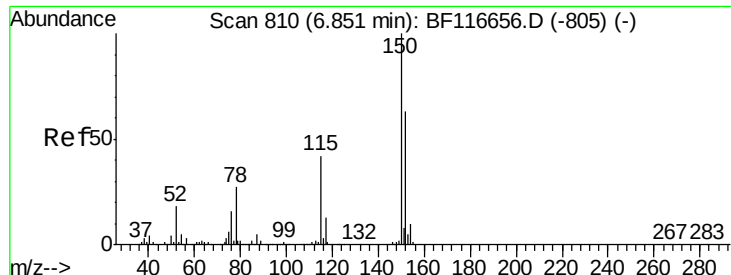
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF117015.D

Acq: 13 Sep 2019 9:57

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BNA_F

ClientSampleId :

PB122992BL

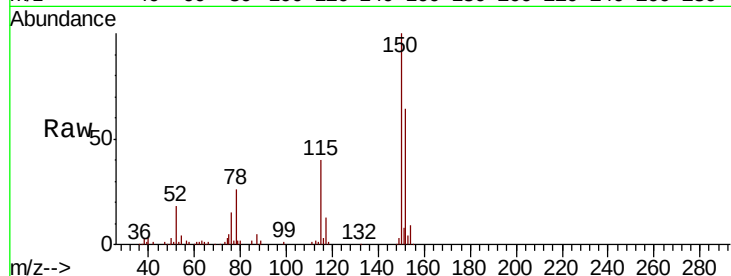
Tot Ion:152 Resp: 65905

Ion Ratio Lower Upper

152 100

150 155.3 126.2 189.2

115 62.4 50.2 75.2

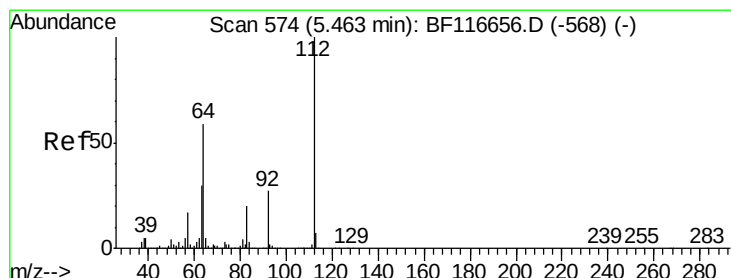
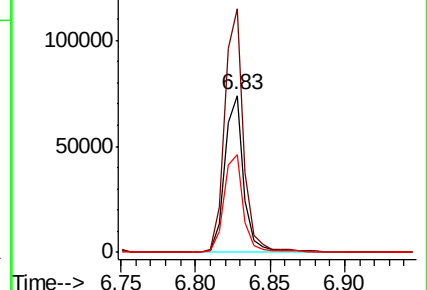
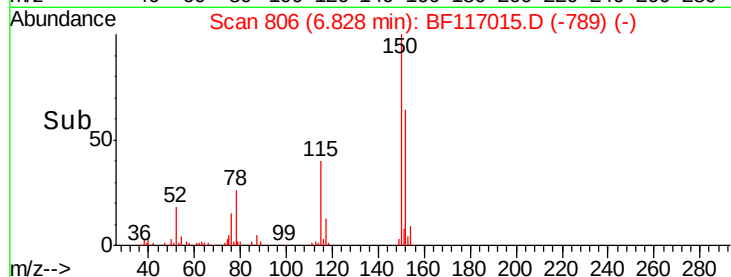


Abundance

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: 109.464 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117015.D

Acq: 13 Sep 2019 9:57

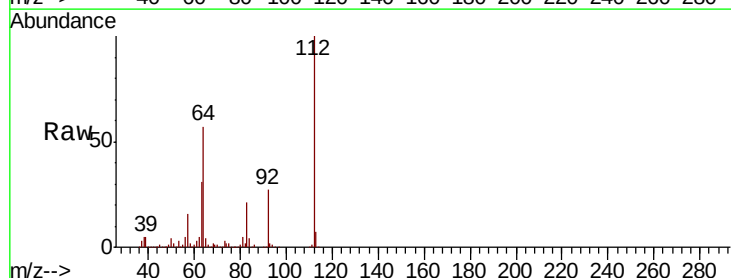
Tgt Ion:112 Resp: 445307

Ion Ratio Lower Upper

112 100

64 56.7 47.1 70.7

63 31.2 25.4 38.0

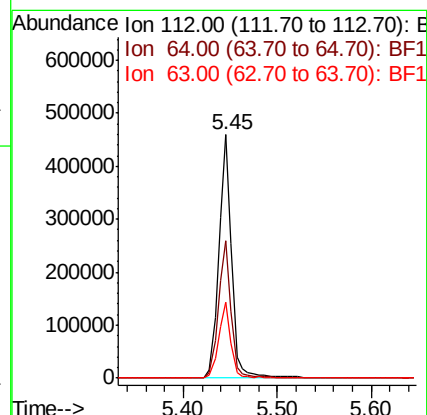
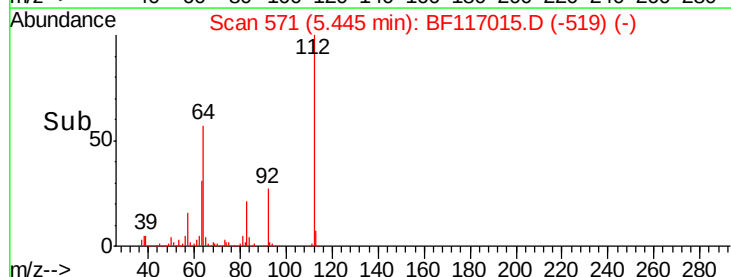


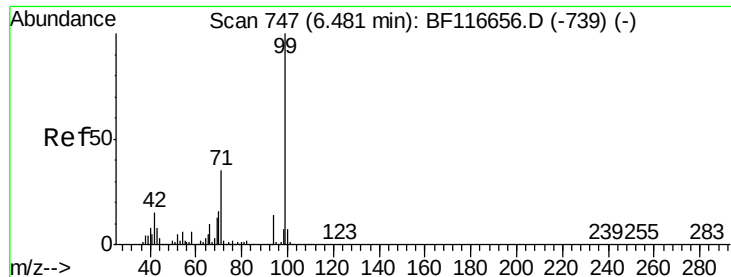
Abundance

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: 113.273 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF117015.D

Acq: 13 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

PB122992BL

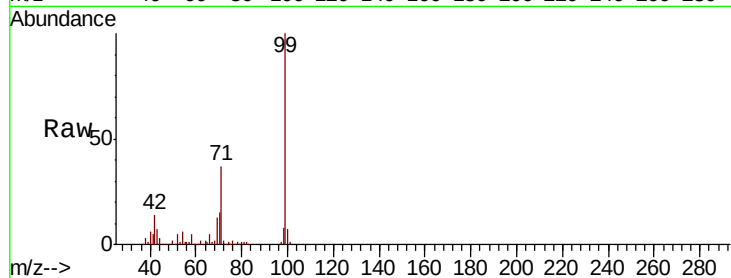
Tot Ion: 99 Resp: 605086

Ion Ratio Lower Upper

99 100

42 14.3 12.0 18.0

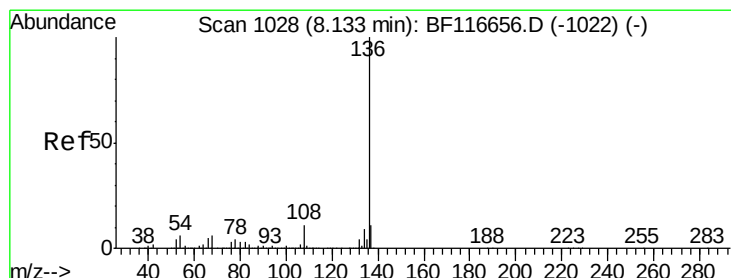
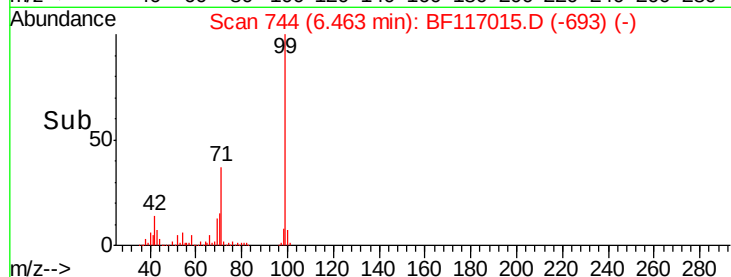
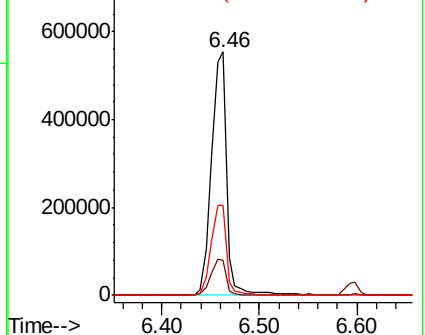
71 37.0 29.7 44.5



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF117015.D

Acq: 13 Sep 2019 9:57

Tgt Ion: 136 Resp: 271920

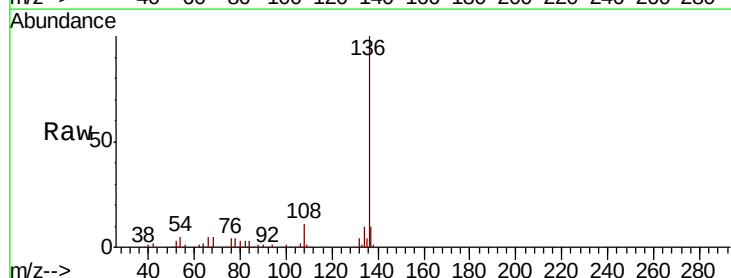
Ion Ratio Lower Upper

136 100

137 10.1 8.5 12.7

54 5.3 3.8 5.8

68 4.7 3.6 5.4

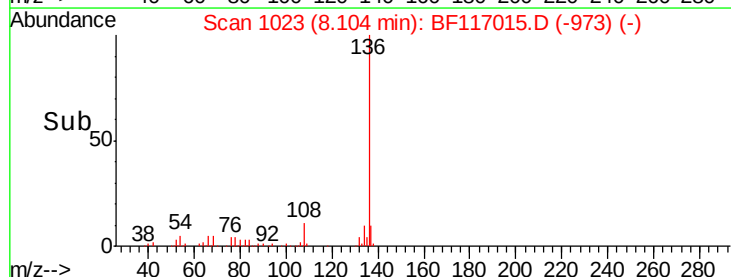
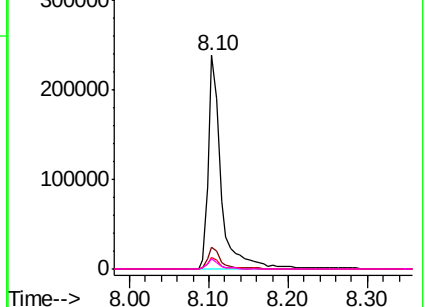


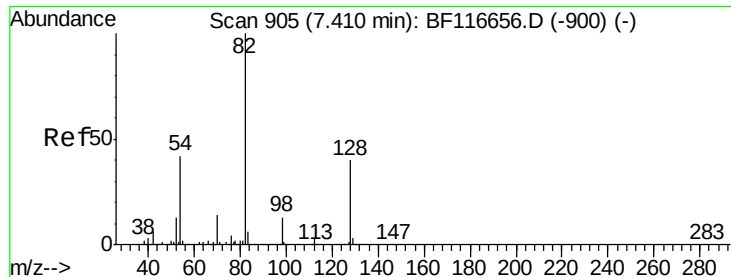
Abundance Ion 136.00 (135.70 to 136.70): E

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

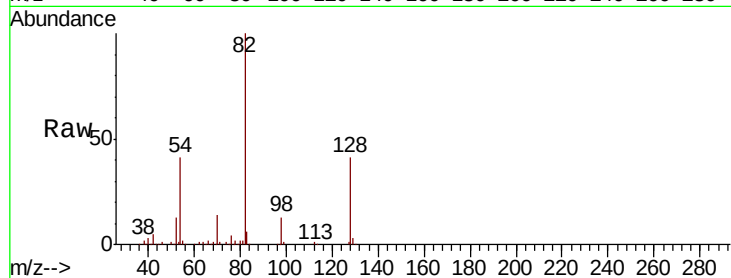




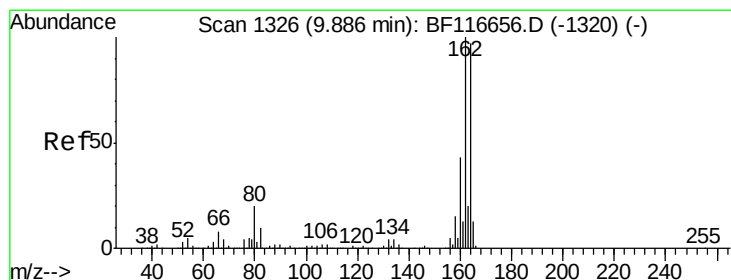
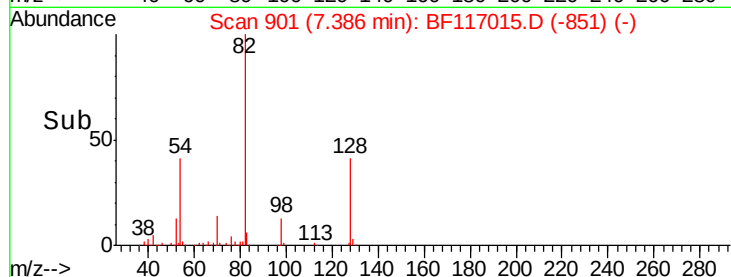
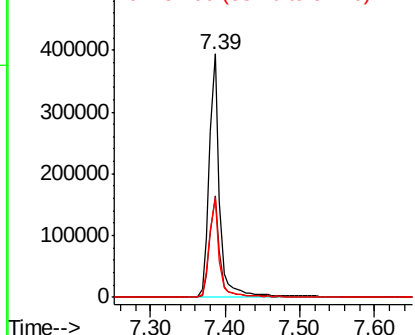
#23
 Nitrobenzene-d5
 Concen: 81.339 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF117015.D
 Acq: 13 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BL

Tot Ion	82	Resp	387435
Ion Ratio	Lower	Upper	
82	100		
128	41.5	35.0	52.4
54	40.7	32.6	48.8

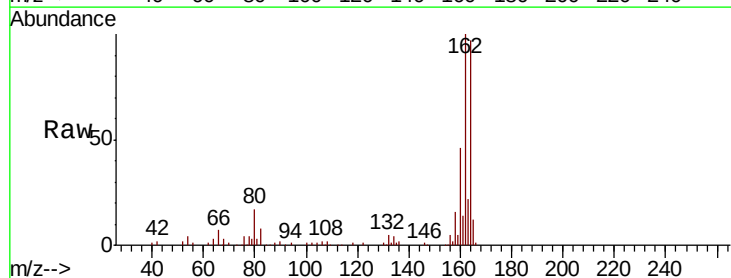


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

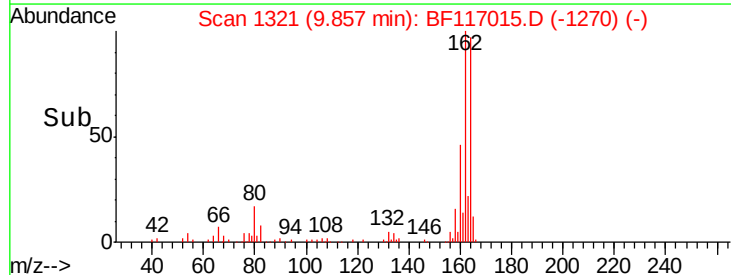
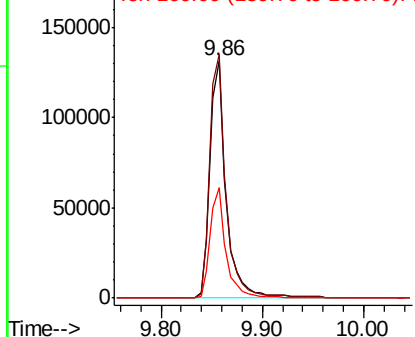


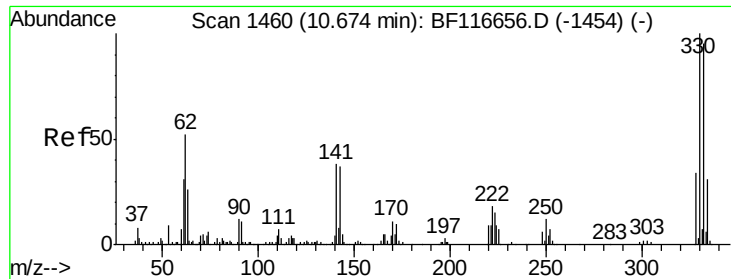
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF117015.D
 Acq: 13 Sep 2019 9:57

Tgt Ion	164	Resp	146026
Ion Ratio	Lower	Upper	
164	100		
162	102.6	81.8	122.6
160	46.8	35.7	53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

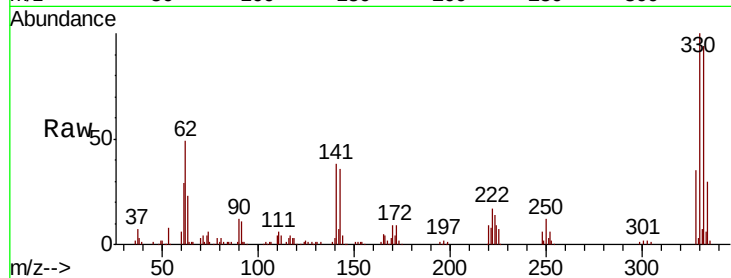




#42
 2,4,6-Tribromophenol
 Concen: 140.525 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF117015.D
 Acq: 13 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.9	113.9
141	45.3	35.6	53.4

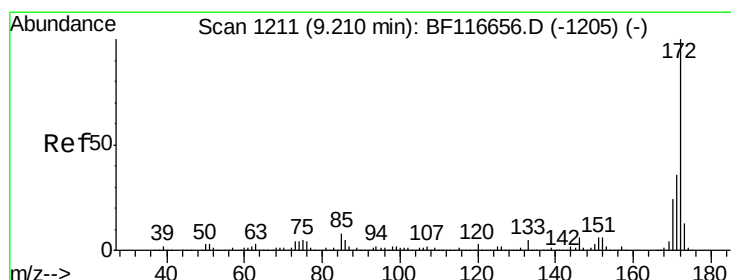
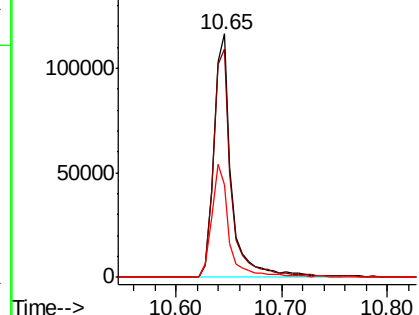
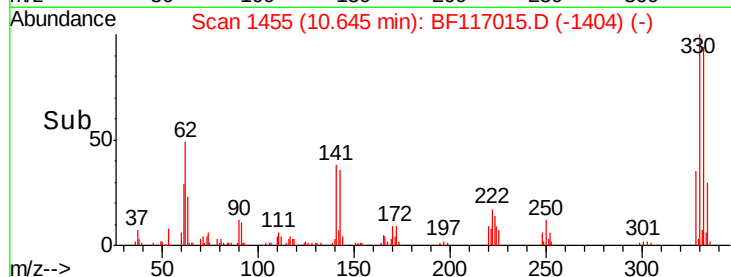


Abundance

Ion 329.80 (329.50 to 330.50): E

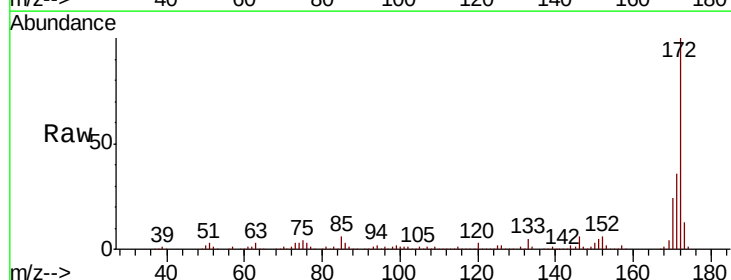
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.560 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF117015.D
 Acq: 13 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.1	43.7
170	23.6	19.2	28.8

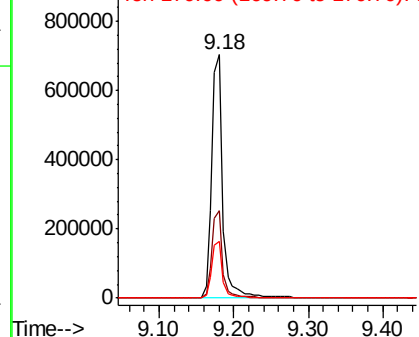
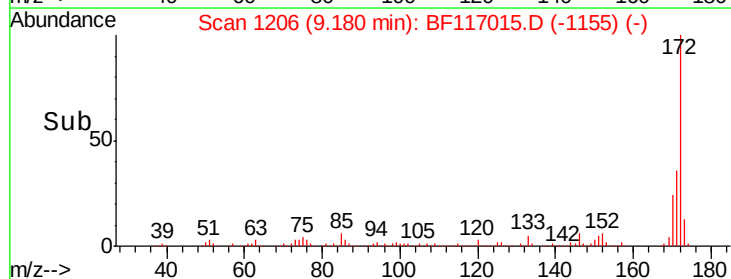


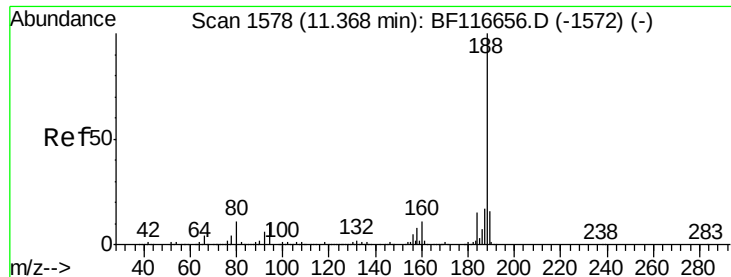
Abundance

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: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF117015.D

Acq: 13 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

PB122992BL

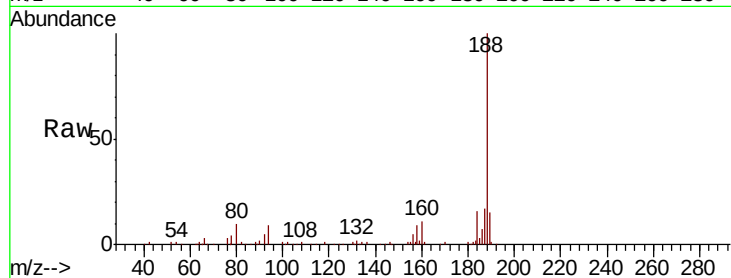
Tot Ion:188 Resp: 256292

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

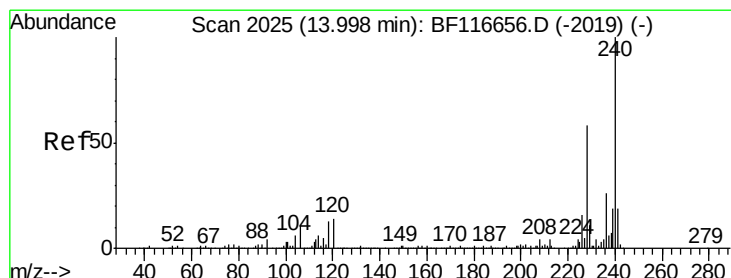
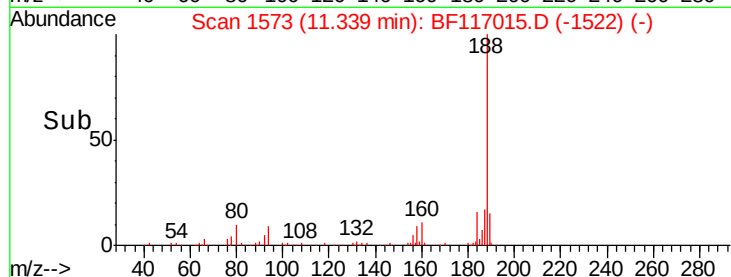
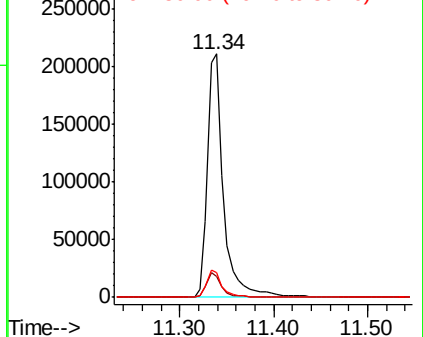
80 9.9 8.5 12.7



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: BF117015.D

Acq: 13 Sep 2019 9:57

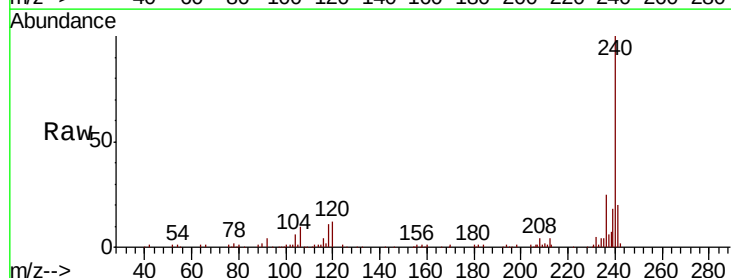
Tgt Ion:240 Resp: 178124

Ion Ratio Lower Upper

240 100

120 12.1 9.1 13.7

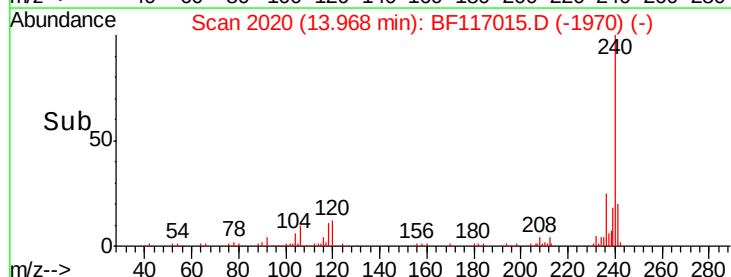
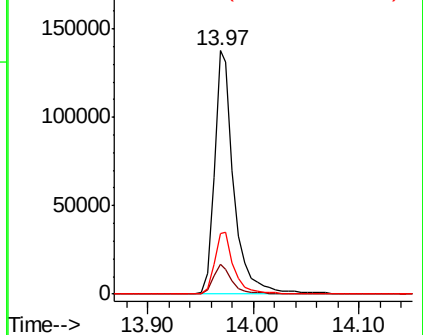
236 25.0 20.9 31.3

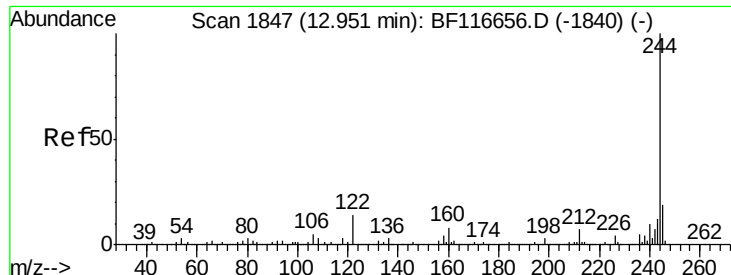


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

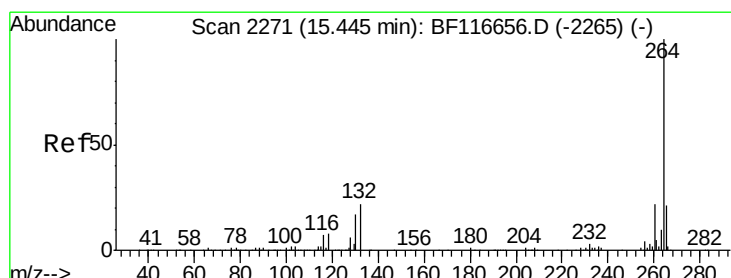
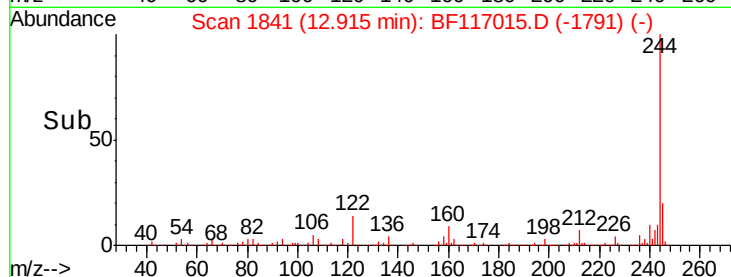
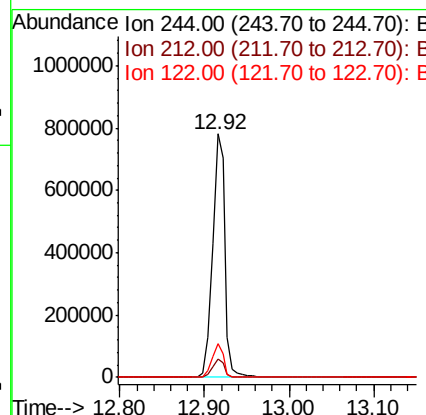
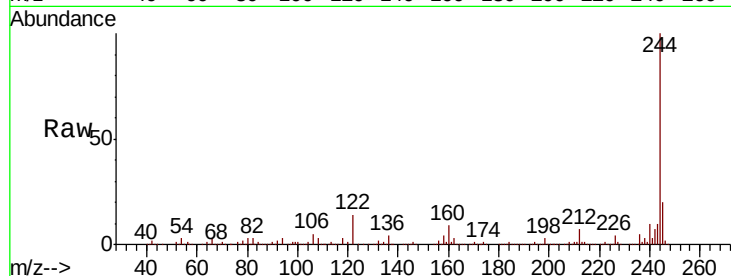




#79
 Terphenyl-d14
 Concen: 82.898 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF117015.D
 Acq: 13 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampleID :
 PB122992BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	14.0	11.5	17.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF117015.D
 Acq: 13 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.4
265	20.4	17.9	26.9

