

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115166.D
 Acq On : 24 Jun 2019 23:54
 Operator : HP/JU
 Sample : K3500-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8(9-10)

Quant Time: Jun 25 08:34:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

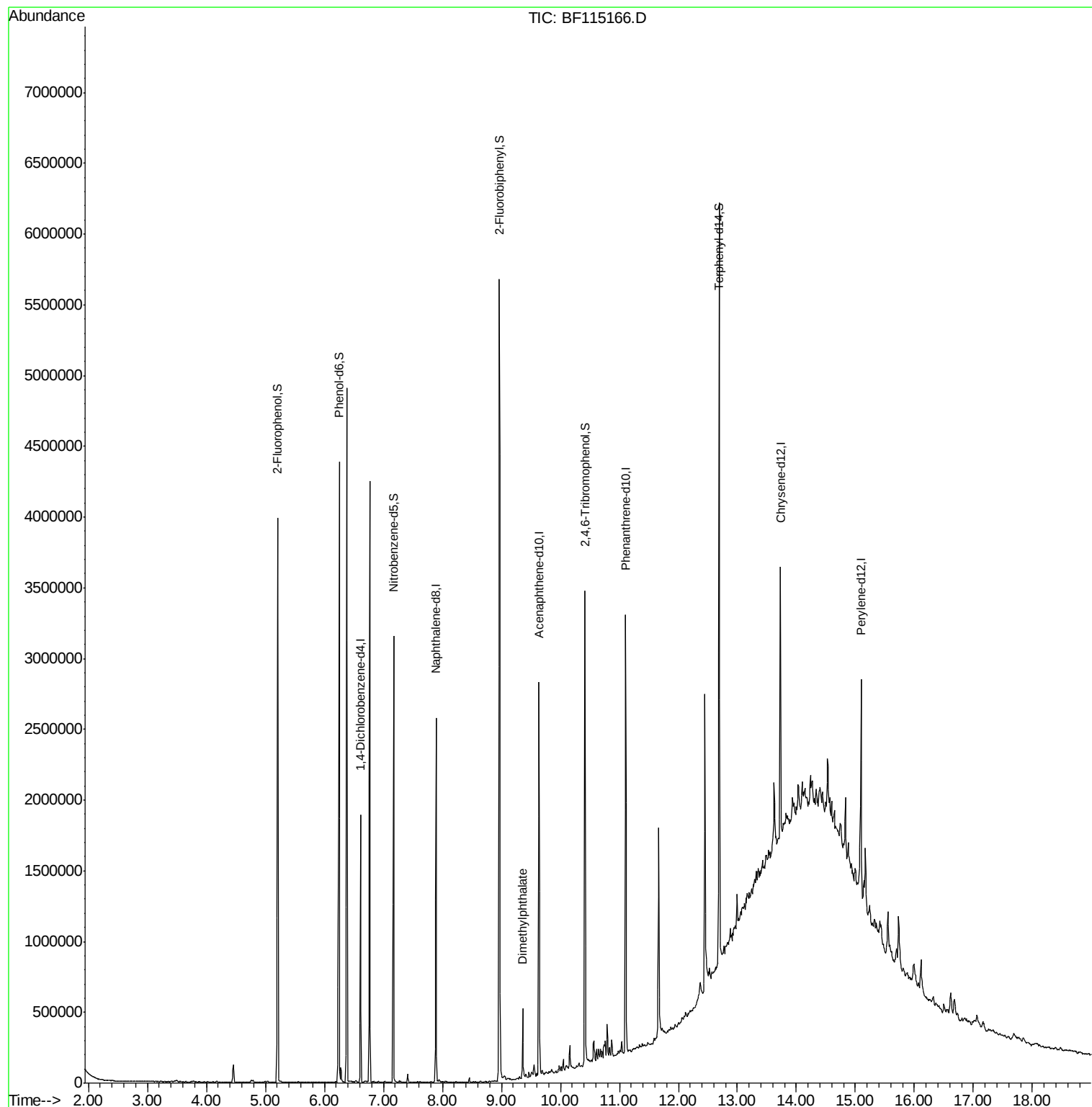
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	278141	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1062392	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	532671	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1047526	20.00	ng	-0.01
76) Chrysene-d12	13.73	240	712787	20.00	ng	-0.02
87) Perylene-d12	15.09	264	648322	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1323148	73.41	ng	0.00
7) Phenol-d6	6.25	99	1629497	74.49	ng	0.00
23) Nitrobenzene-d5	7.17	82	971501	56.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	466027	82.96	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1806177	57.60	ng	-0.02
79) Terphenyl-d14	12.69	244	1997280	59.58	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.36	163	182272	4.651	ng	Qvalue 98

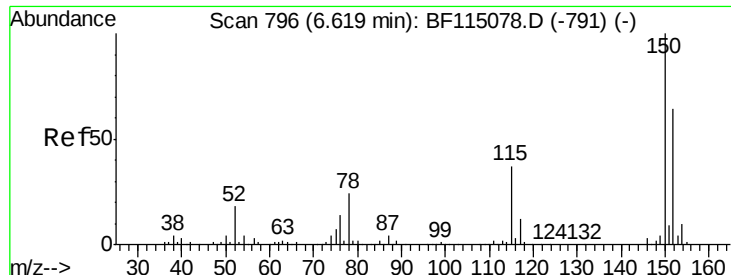
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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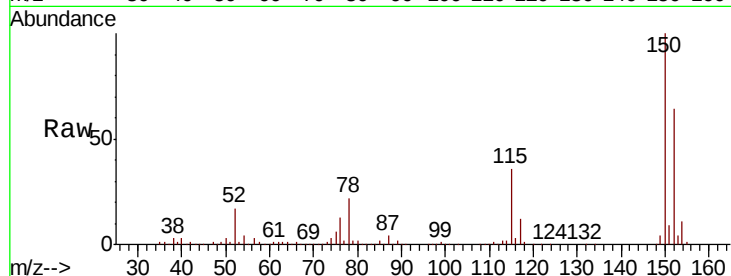


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115166.D
Acq: 24 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
B-8(9-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	55.7	46.1	69.1

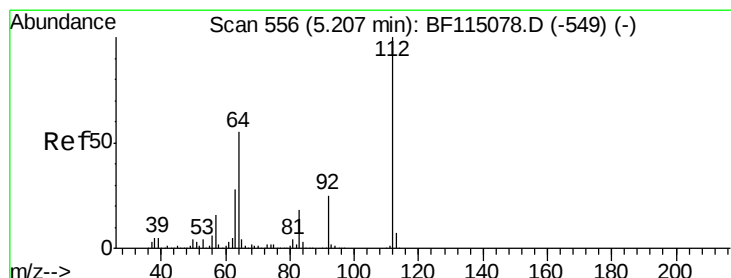
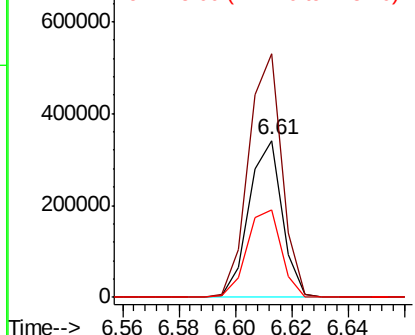
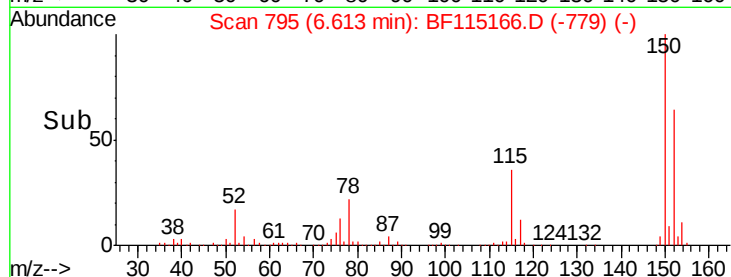


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

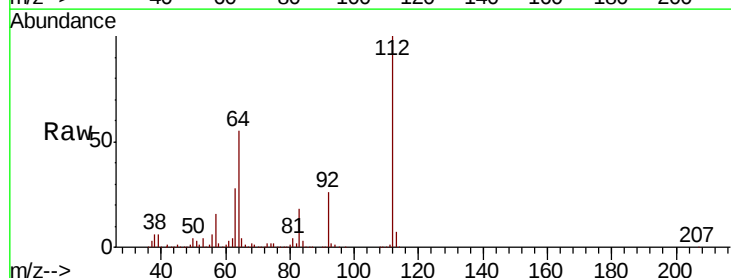
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.410 ng
RT: 5.21 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF115166.D
Acq: 24 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.8	65.6
63	28.4	22.2	33.4

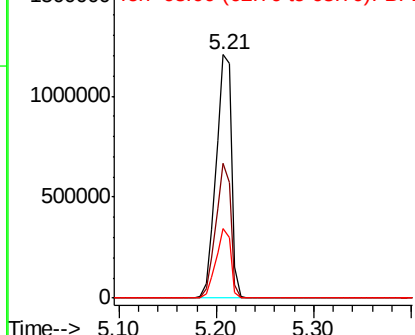
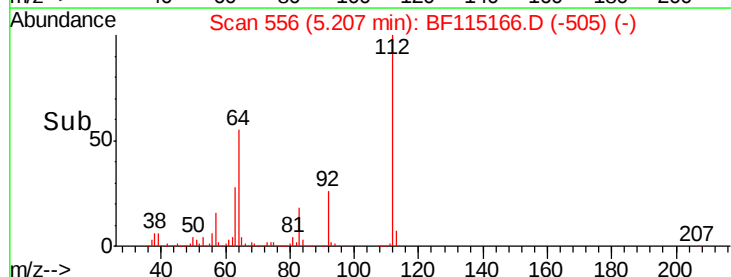


Abundance

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: 74.485 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115166.D

Acq: 24 Jun 2019 23:54

Instrument :

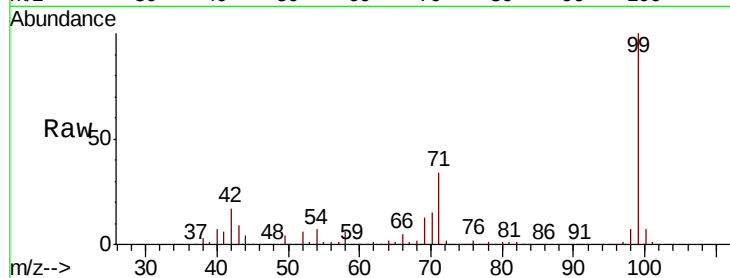
BNA_F

ClientSampleId :

B-8(9-10)

Tot Ion: 99 Resp: 1629497

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.6	20.4
71	33.6	25.5	38.3

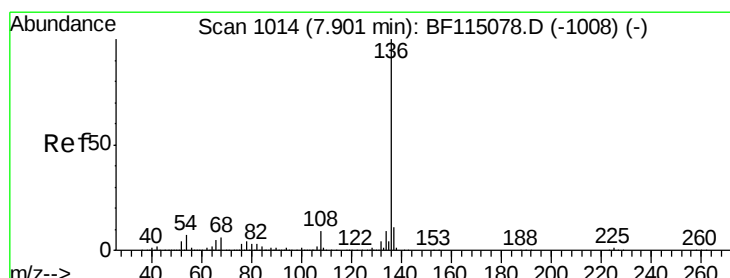
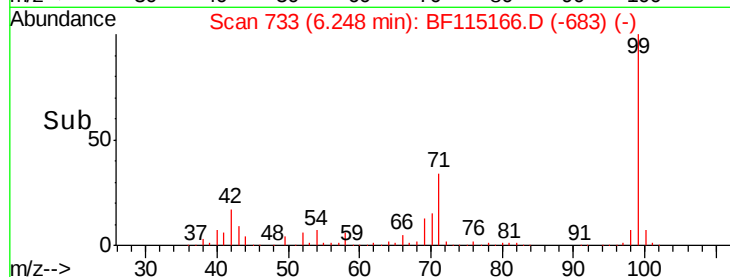


Abundance

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: 7.89 min Scan# 1012

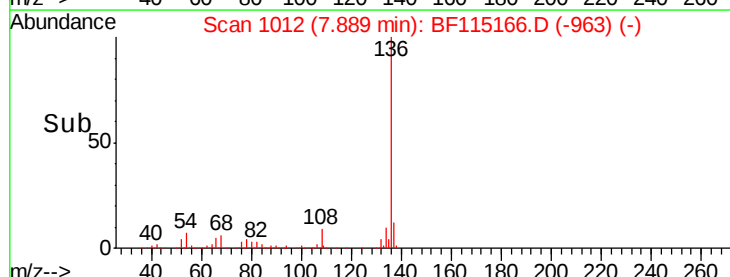
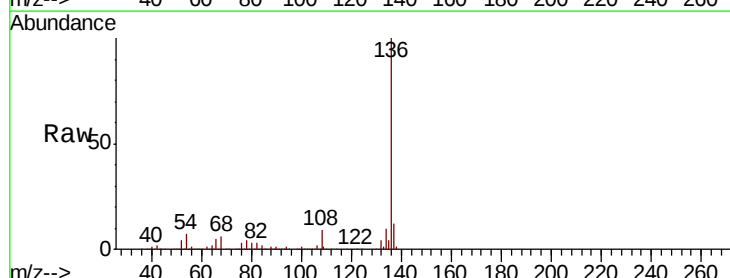
Delta R.T. -0.01 min

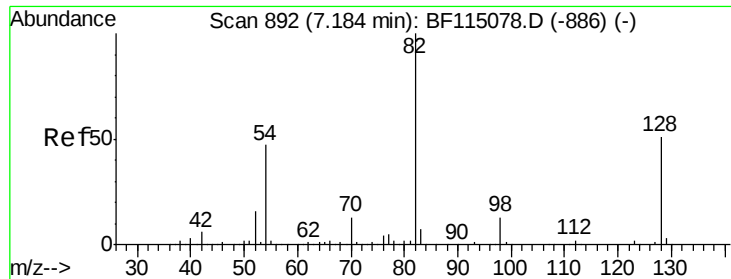
Lab File: BF115166.D

Acq: 24 Jun 2019 23:54

Tgt Ion: 136 Resp: 1062392

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.2	5.6	8.4
68	6.2	4.8	7.2

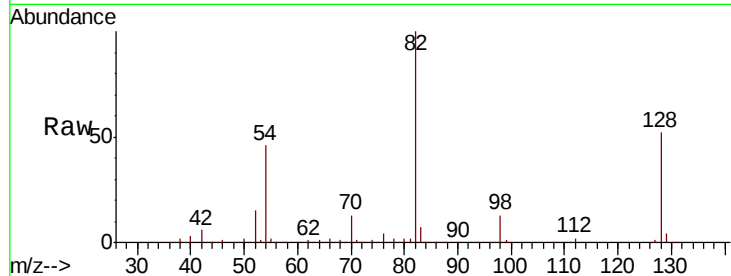




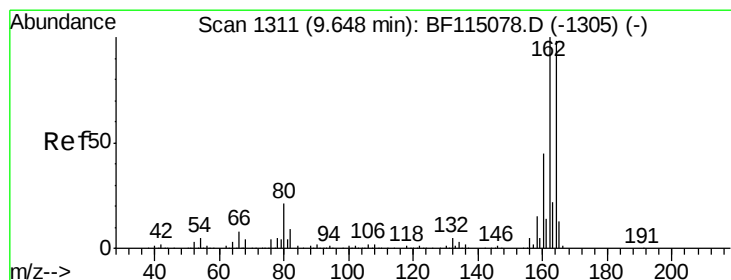
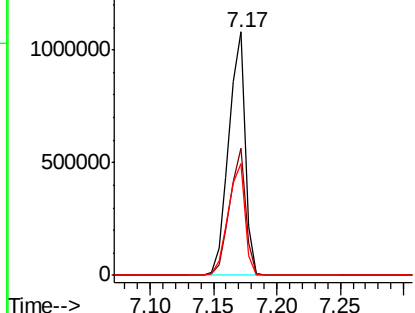
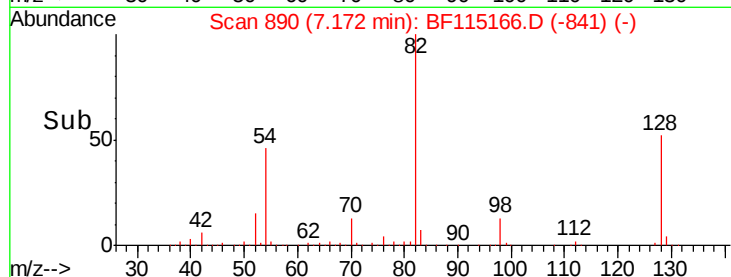
#23
Nitrobenzene-d5
Concen: 56.253 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115166.D
Acq: 24 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
B-8(9-10)

Tot Ion: 82 Resp: 971501
Ion Ratio Lower Upper
82 100
128 52.1 40.4 60.6
54 46.0 37.5 56.3

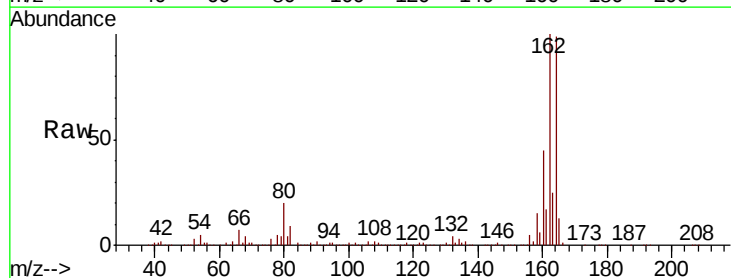


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

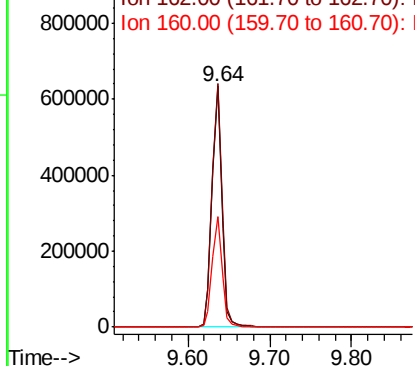
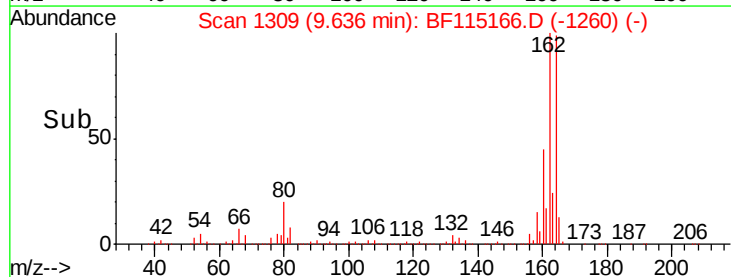


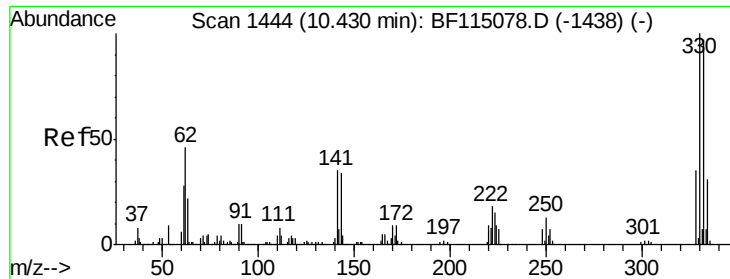
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115166.D
Acq: 24 Jun 2019 23:54

Tgt Ion:164 Resp: 532671
Ion Ratio Lower Upper
164 100
162 101.2 81.7 122.5
160 45.7 37.0 55.4



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

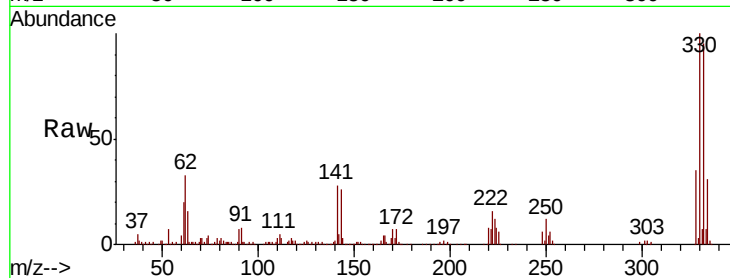




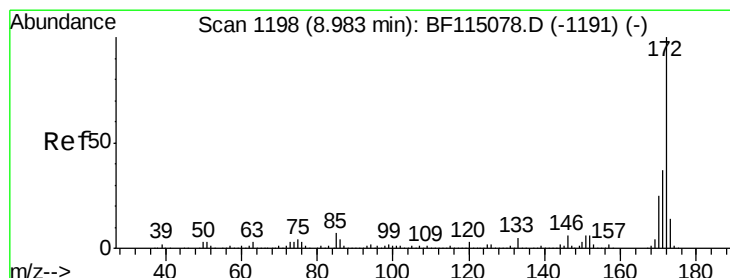
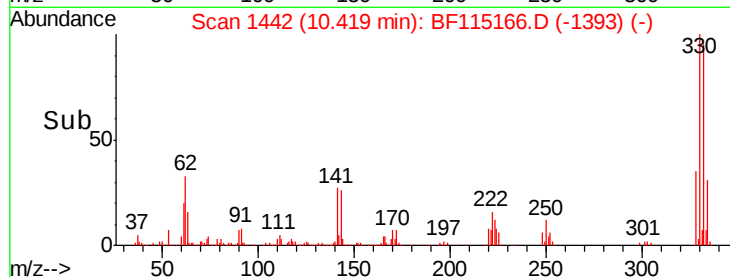
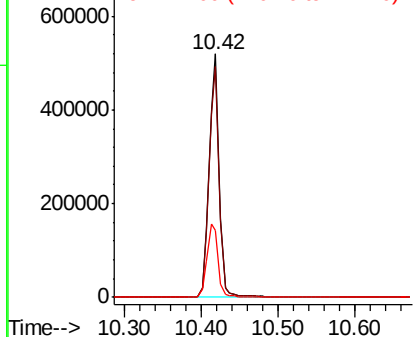
#42
 2,4,6-Tribromophenol
 Concen: 82.964 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115166.D
 Acq: 24 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :
 B-8(9-10)

Tot Ion:330 Resp: 466027
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 33.0 28.2 42.2

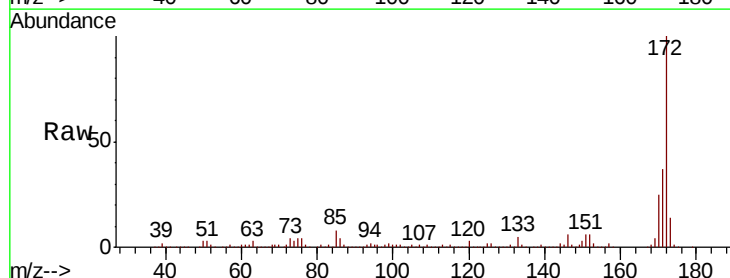


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

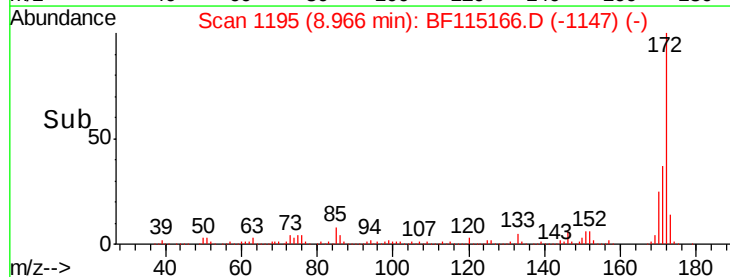
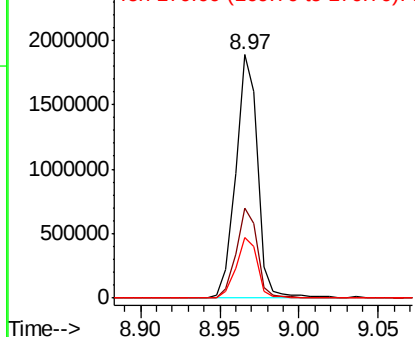


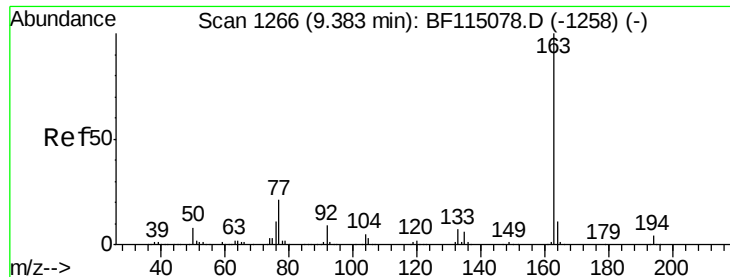
#45
 2-Fluorobiphenyl
 Concen: 57.597 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115166.D
 Acq: 24 Jun 2019 23:54

Tgt Ion:172 Resp: 1806177
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 25.1 20.3 30.5



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

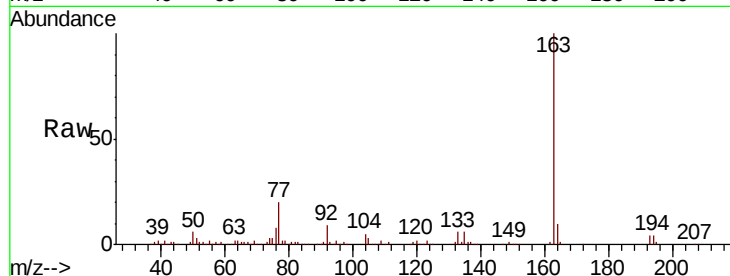




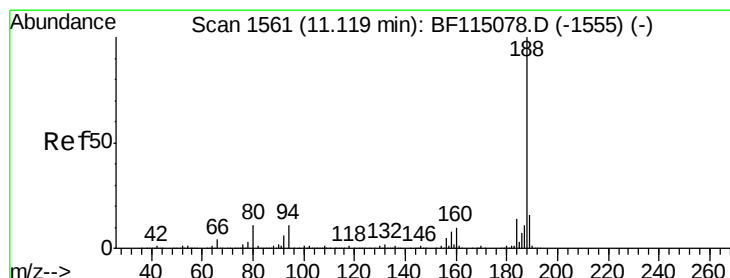
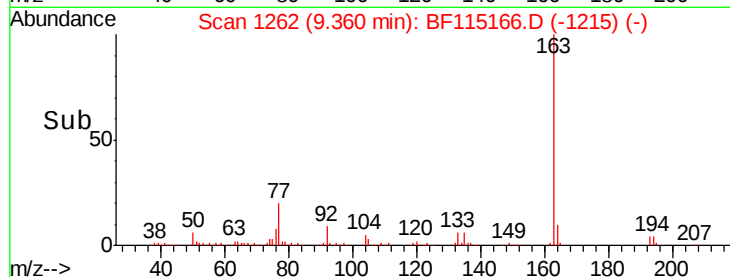
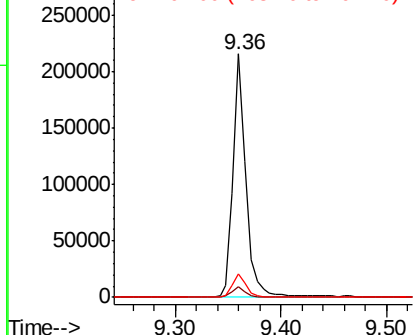
#50
Dimethylphthalate
Concen: 4.651 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115166.D
Acq: 24 Jun 2019 23:54

Instrument :
BNA_F
ClientSampled :
B-8(9-10)

Tot Ion:163 Resp: 182272
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.7 8.6 13.0

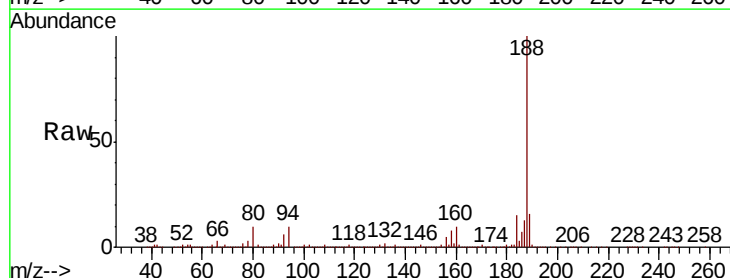


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

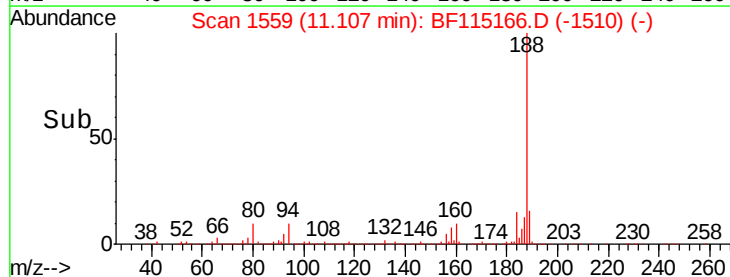
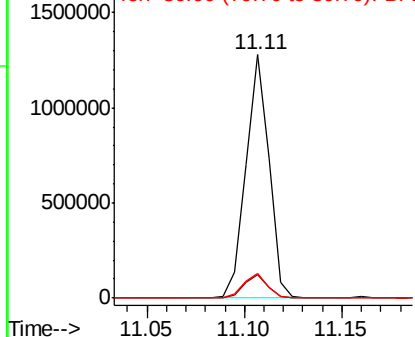


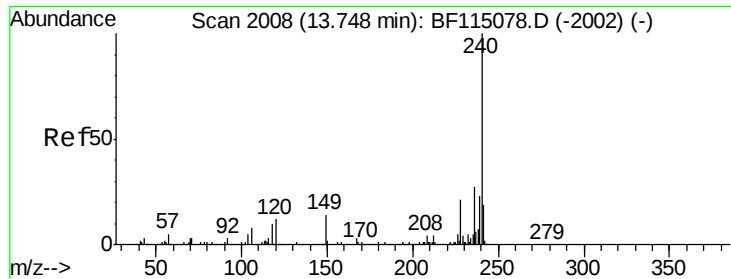
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115166.D
Acq: 24 Jun 2019 23:54

Tgt Ion:188 Resp: 1047526
Ion Ratio Lower Upper
188 100
94 9.7 8.6 12.8
80 10.1 8.8 13.2



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

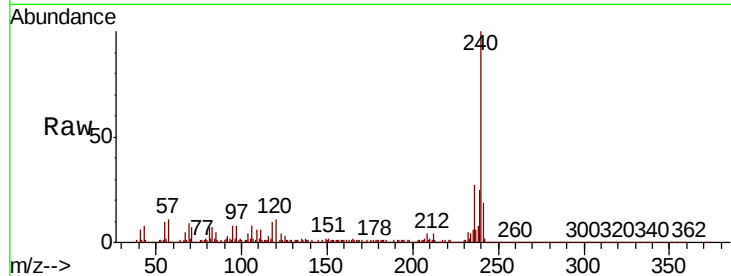




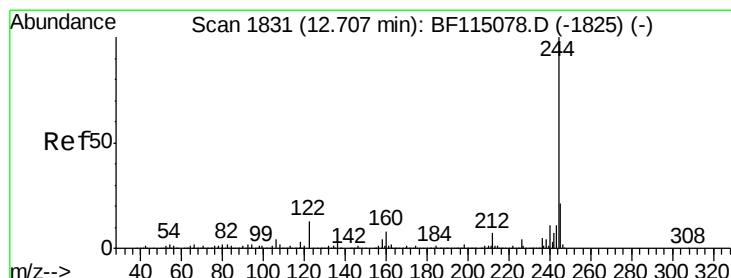
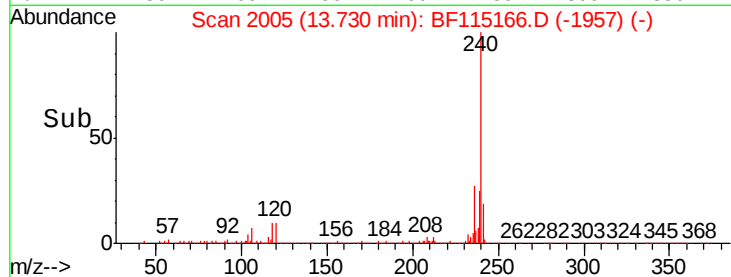
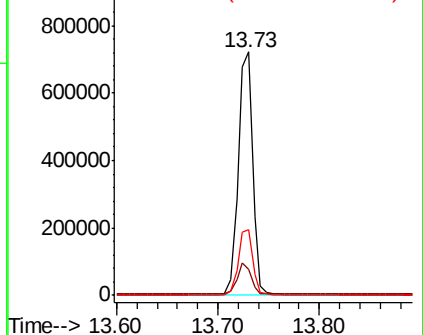
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF115166.D
 Acq: 24 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :
 B-8(9-10)

Tot Ion:240 Resp: 712787
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.4 14.2
 236 27.1 21.7 32.5

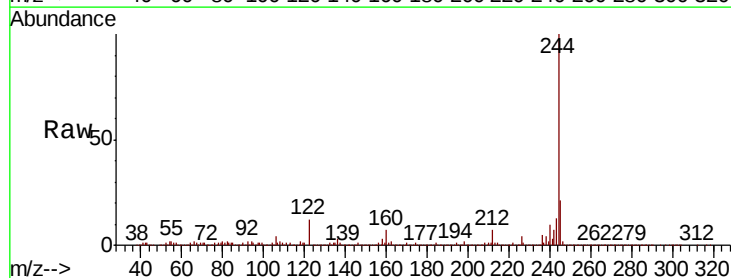


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

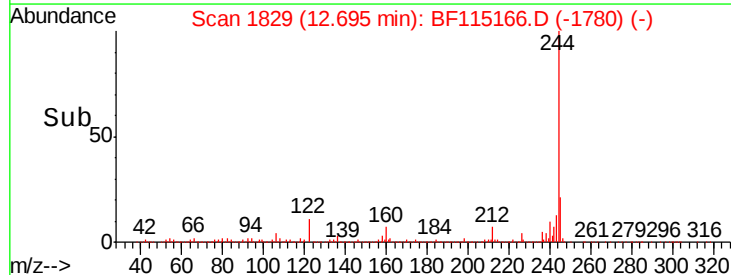
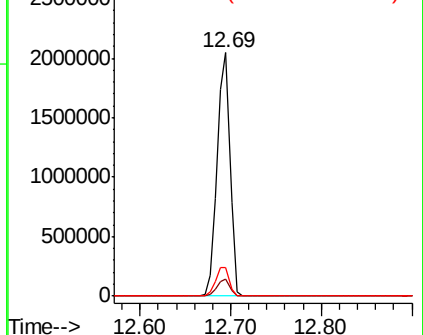


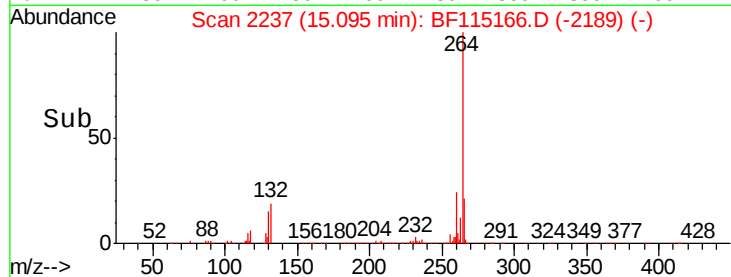
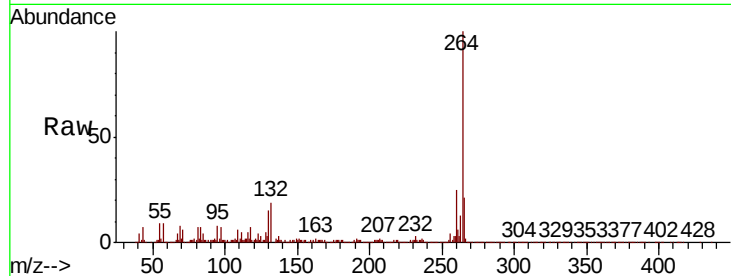
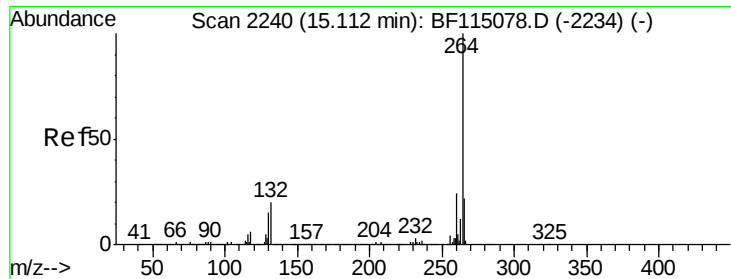
#79
 Terphenyl-d14
 Concen: 59.576 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115166.D
 Acq: 24 Jun 2019 23:54

Tgt Ion:244 Resp: 1997280
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.5 10.4 15.6



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: 15.09 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BF115166.D

Acq: 24 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

B-8(9-10)

Tot Ion:264 Resp: 648322

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 21.5 17.3 25.9

