

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115090.D
 Acq On : 21 Jun 2019 20:58
 Operator : HP/JU
 Sample : PB120747BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120747BL

Quant Time: Jun 22 05:11:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	269457	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1031252	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	512351	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1047215	20.00	ng	0.00
76) Chrysene-d12	13.74	240	873063	20.00	ng	-0.01
87) Perylene-d12	15.11	264	921463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1901890	108.92	ng	0.01
7) Phenol-d6	6.25	99	2372888	111.96	ng	0.00
23) Nitrobenzene-d5	7.18	82	1434377	85.56	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	655077	121.24	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2573031	85.30	ng	0.00
79) Terphenyl-d14	12.71	244	3062154	74.57	ng	0.00

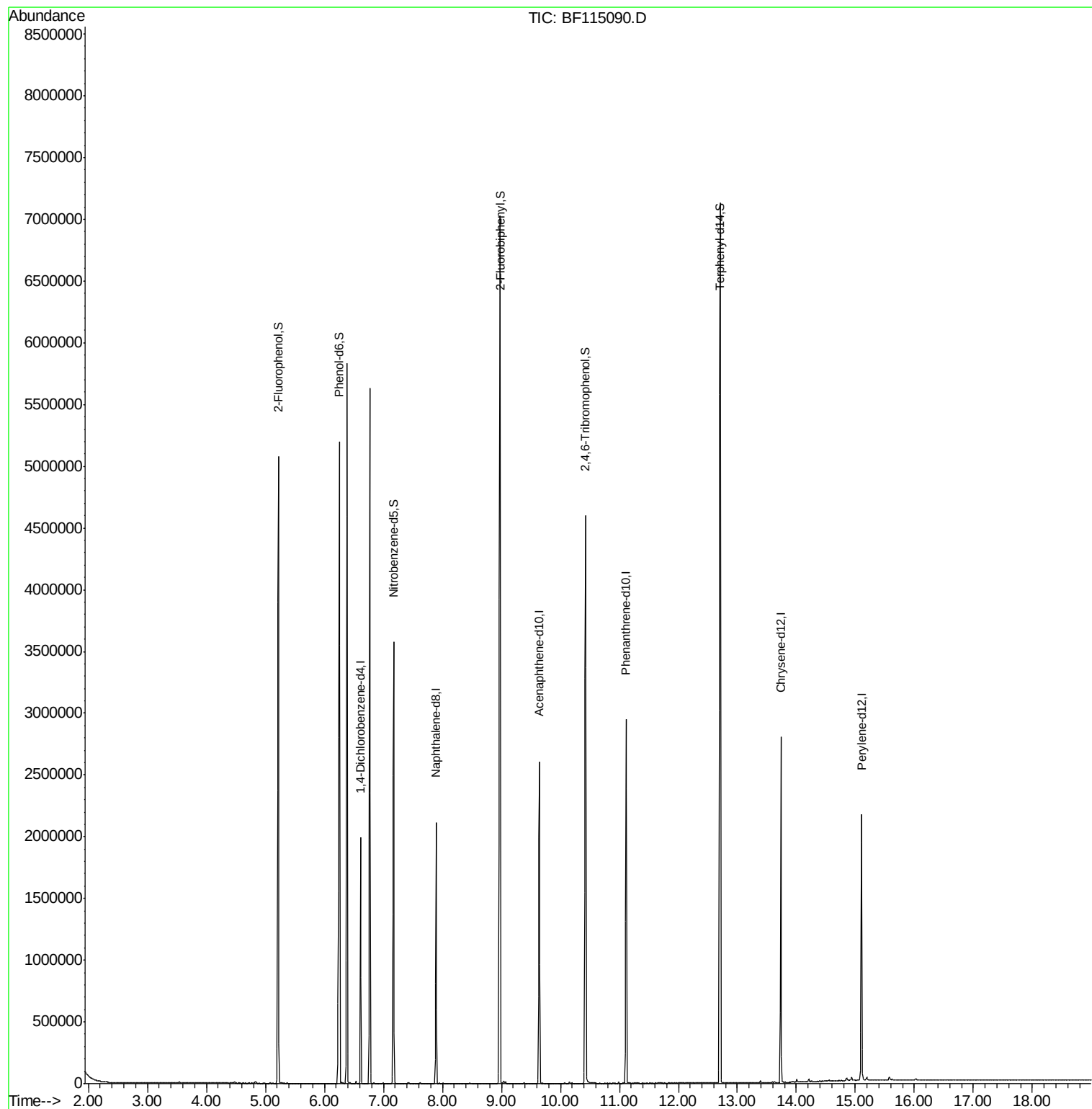
Target Compounds Qvalue

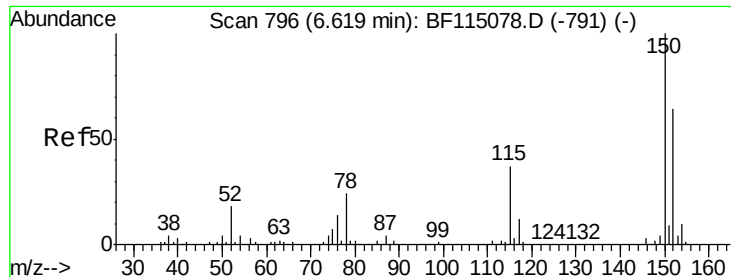
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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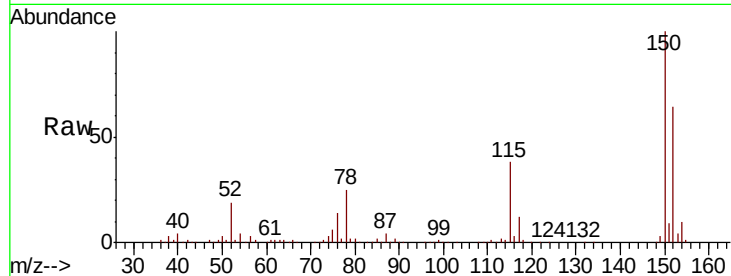


#1

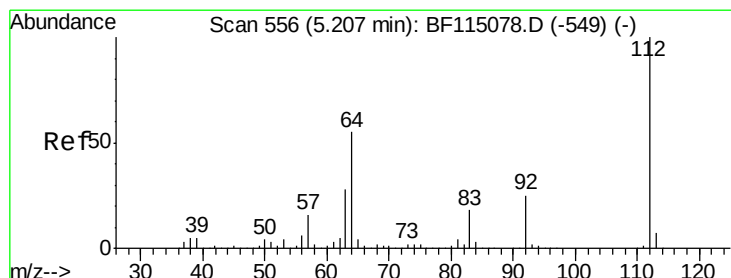
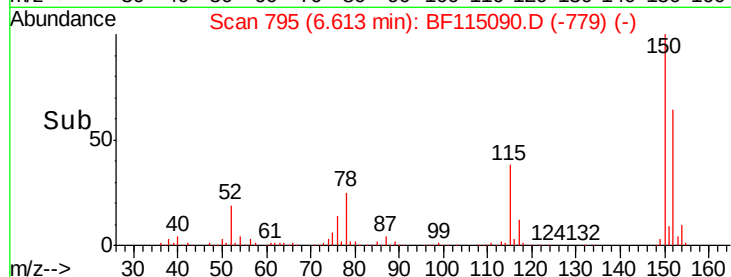
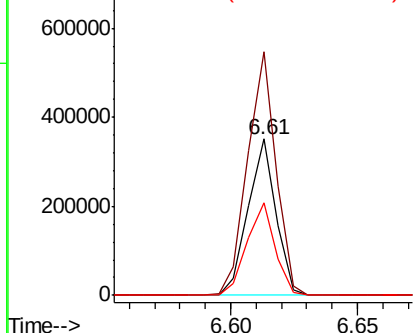
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :
PB120747BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.2
115	59.1	46.1	69.1



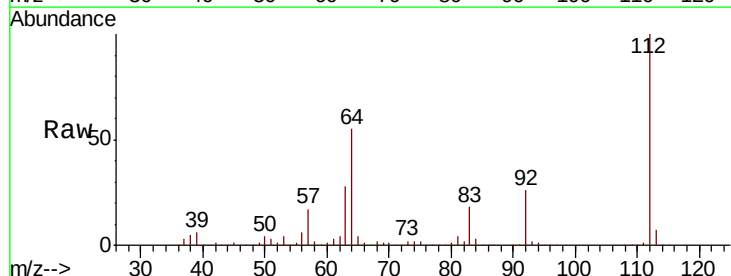
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



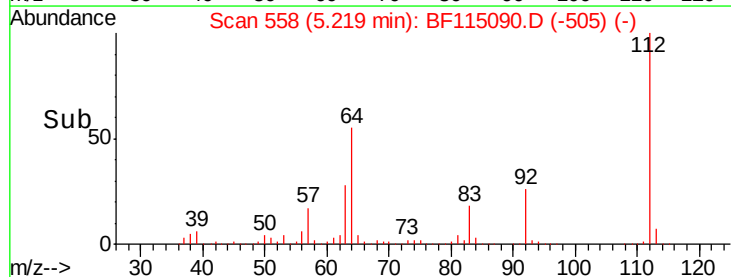
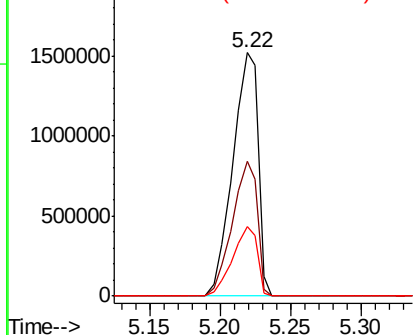
#5

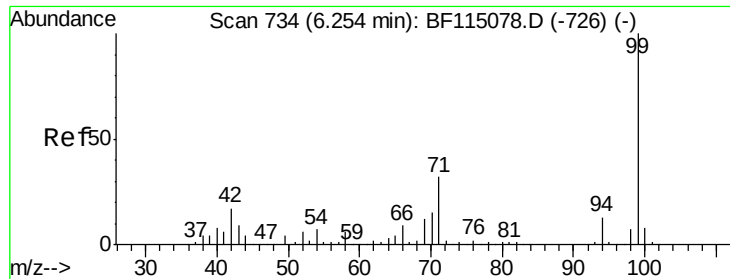
2-Fluorophenol
Concen: 108.920 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

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: 111.962 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

Instrument :

BNA_F

ClientSampleId :

PB120747BL

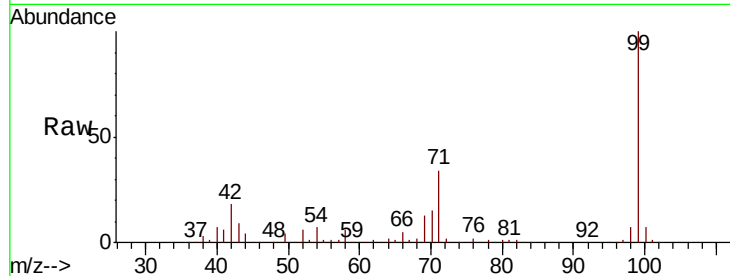
Tot Ion: 99 Resp: 2372888

Ion Ratio Lower Upper

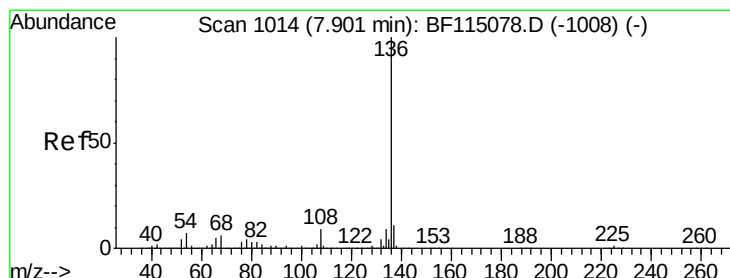
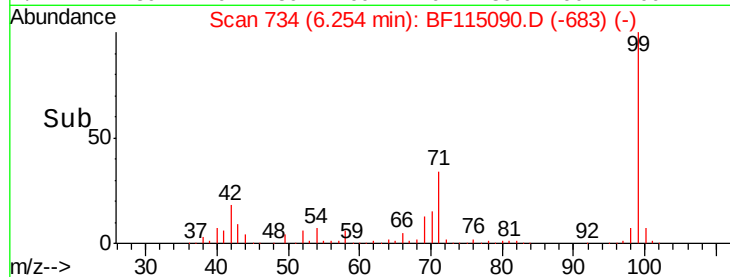
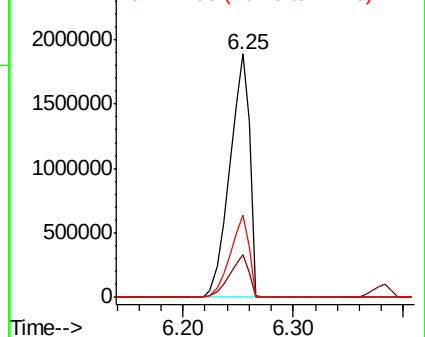
99 100

42 17.7 13.6 20.4

71 33.8 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: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

Tgt Ion: 136 Resp: 1031252

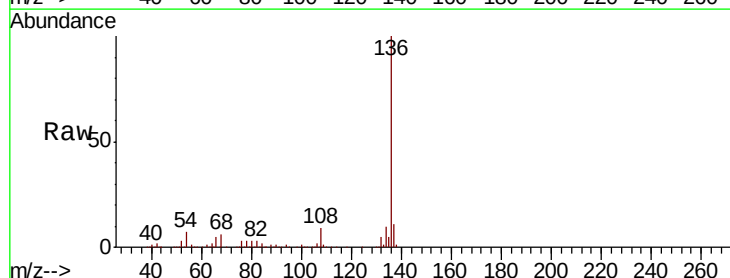
Ion Ratio Lower Upper

136 100

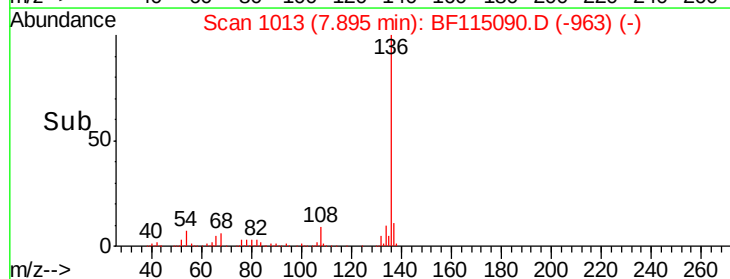
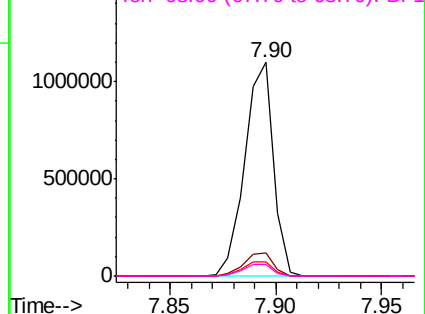
137 11.0 8.9 13.3

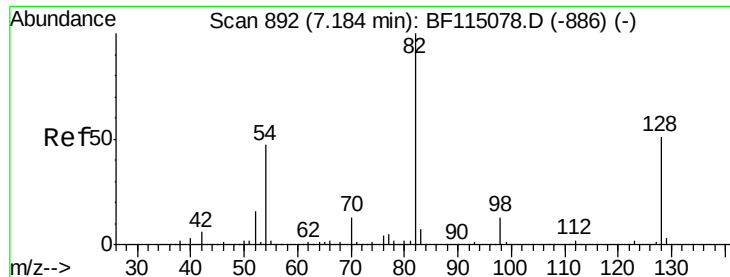
54 6.6 5.6 8.4

68 5.6 4.8 7.2



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



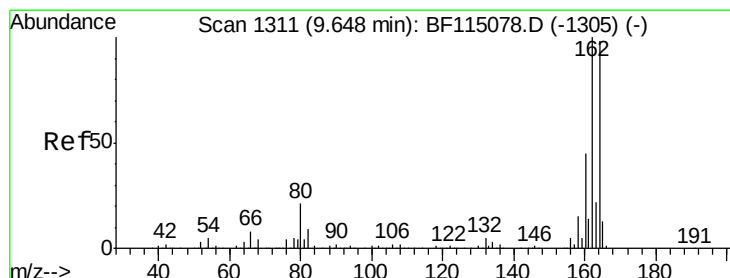
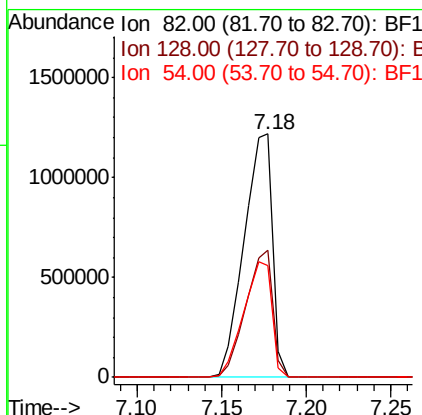
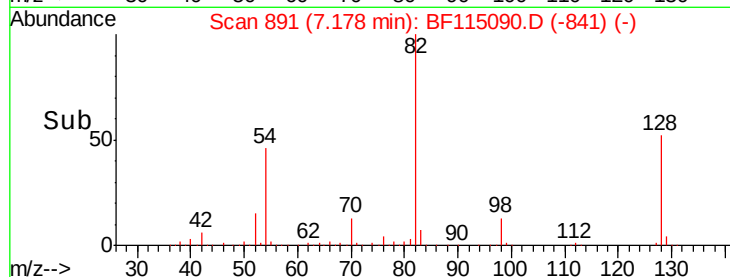
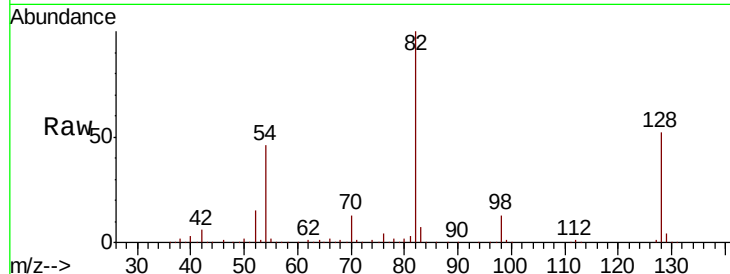


#23
 Nitrobenzene-d5
 Concen: 85.562 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115090.D
 Acq: 21 Jun 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB120747BL

Tot Ion: 82 Resp: 1434377

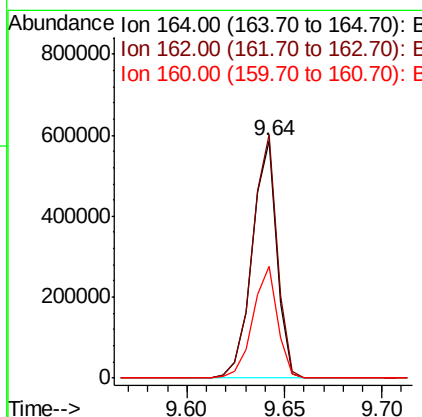
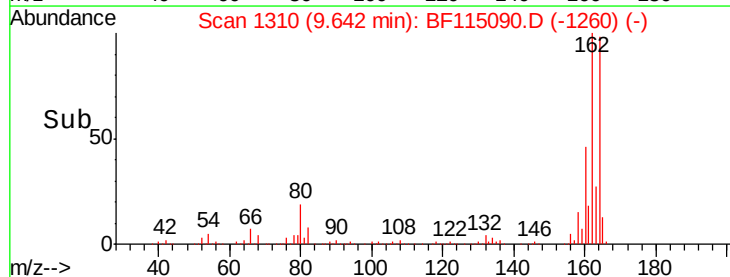
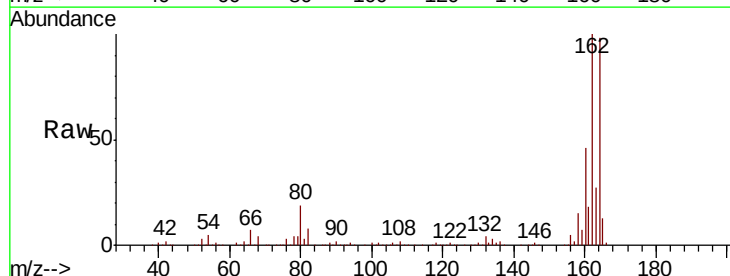
Ion	Ratio	Lower	Upper
82	100		
128	52.5	40.4	60.6
54	45.8	37.5	56.3

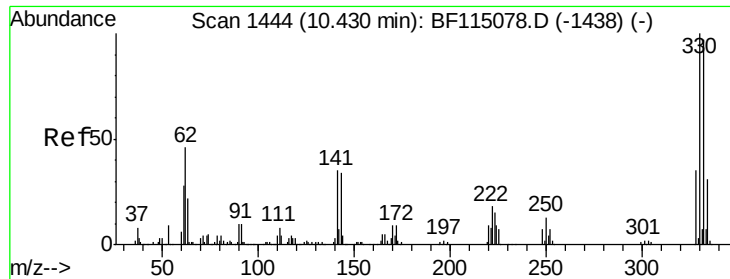


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF115090.D
 Acq: 21 Jun 2019 20:58

Tgt Ion: 164 Resp: 512351

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.7	122.5
160	46.9	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 121.245 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

Instrument :

BNA_F

ClientSampleId :

PB120747BL

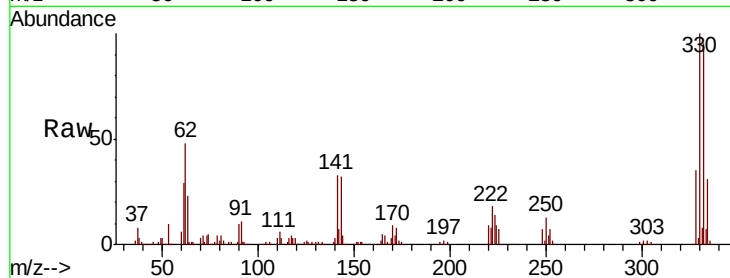
Tot Ion:330 Resp: 655077

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 33.1 28.2 42.2

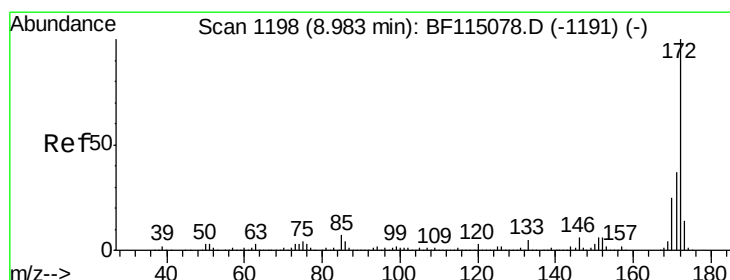
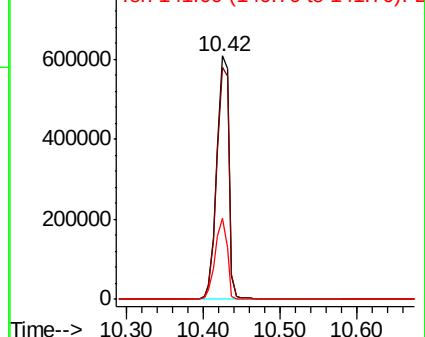
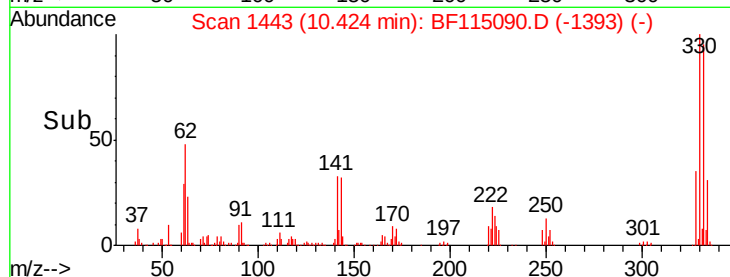


Abundance

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: 85.305 ng

RT: 8.98 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

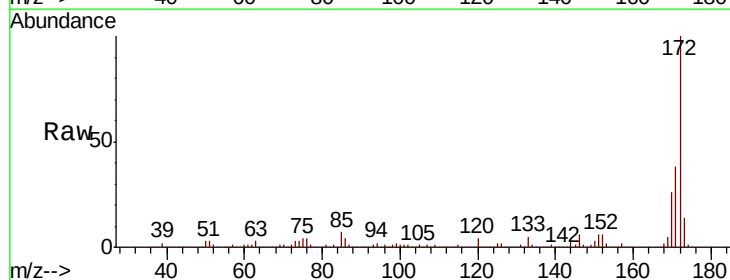
Tgt Ion:172 Resp: 2573031

Ion Ratio Lower Upper

172 100

171 38.1 29.8 44.6

170 25.9 20.3 30.5

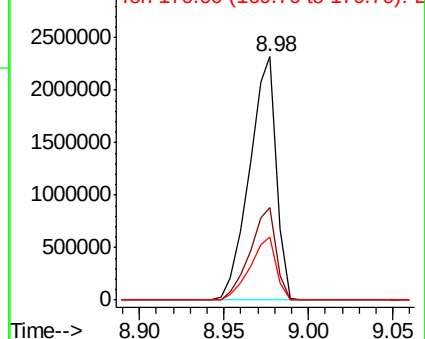
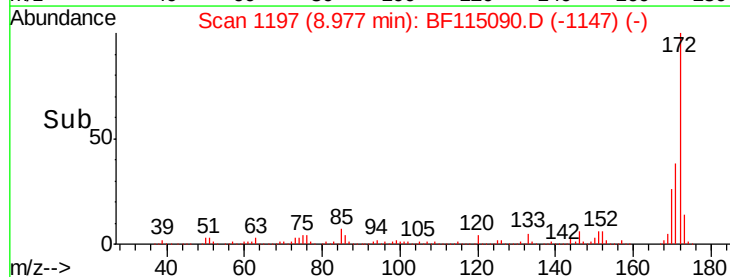


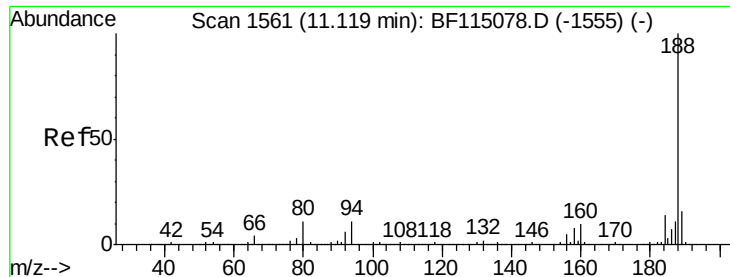
Abundance

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

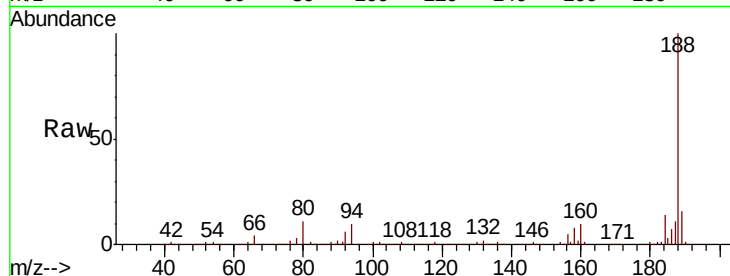




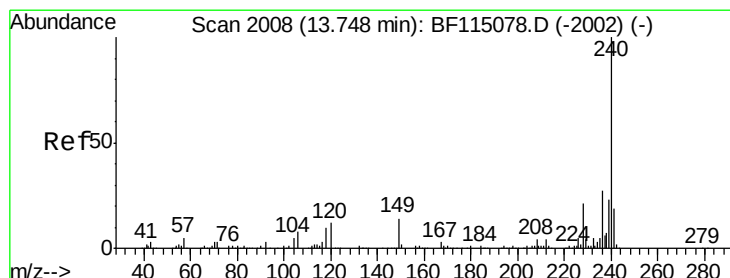
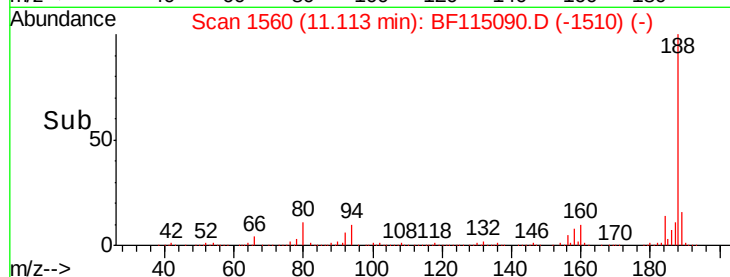
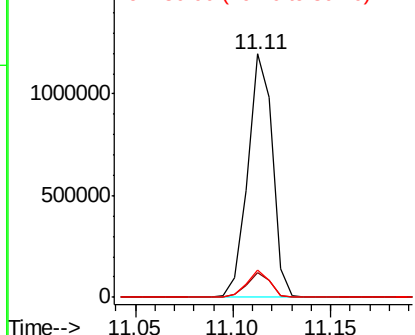
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :
PB120747BL

Tot Ion:188 Resp: 1047215
Ion Ratio Lower Upper
188 100
94 10.4 8.6 12.8
80 11.0 8.8 13.2

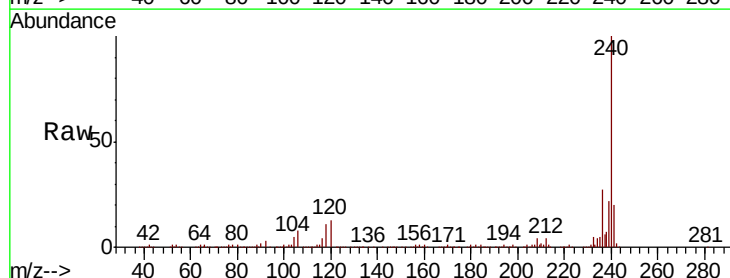


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

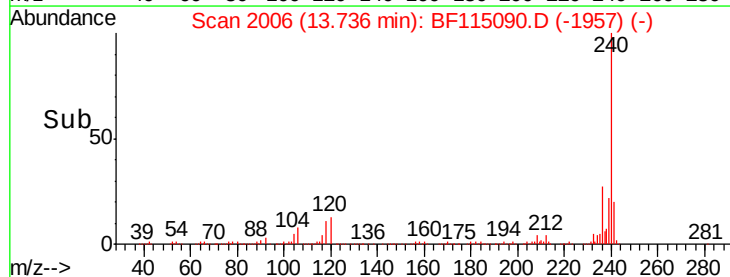
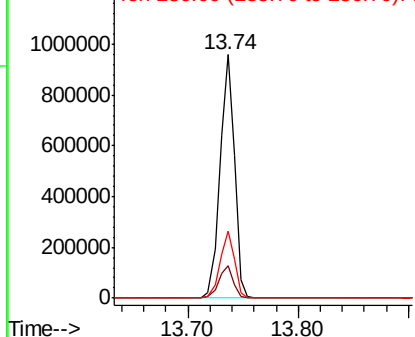


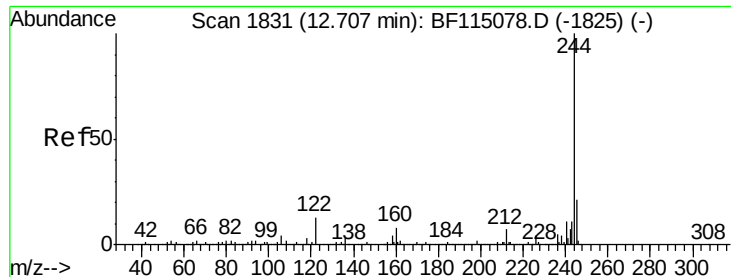
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:240 Resp: 873063
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.2
236 27.3 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

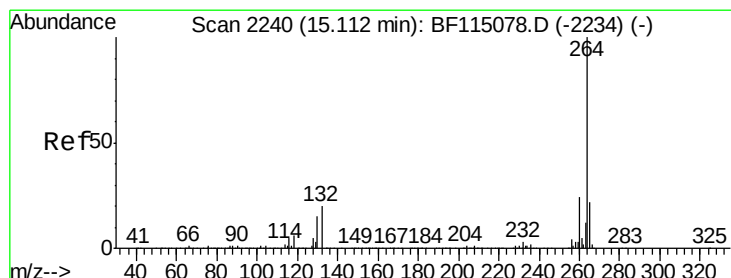
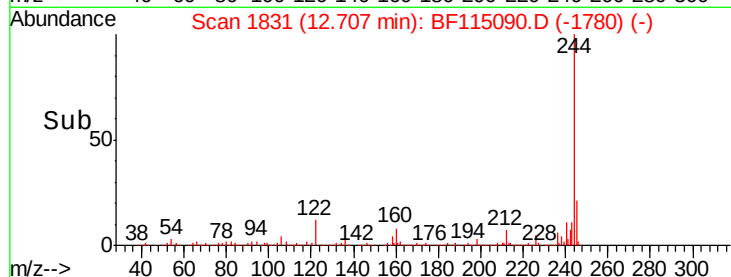
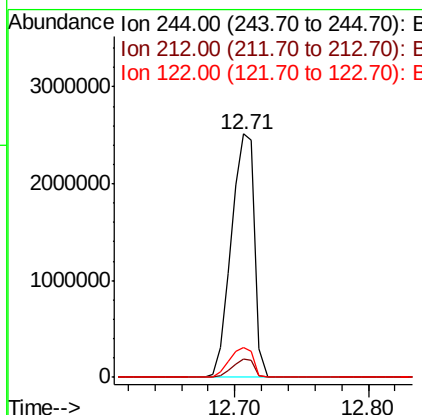
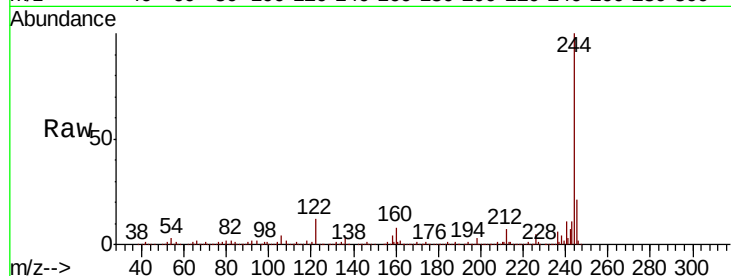




#79
 Terphenyl-d14
 Concen: 74.572 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF115090.D
 Acq: 21 Jun 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB120747BL

Tot Ion:244 Resp: 3062154
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 12.2 10.4 15.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.11 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF115090.D
 Acq: 21 Jun 2019 20:58

Tgt Ion:264 Resp: 921463
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.6 29.4
 265 22.3 17.3 25.9

