

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115232.D
 Acq On : 27 Jun 2019 13:24
 Operator : HP/JU
 Sample : PB120902TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120902TB

Quant Time: Jun 28 05:22:12 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	6.60	152	236396	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	888436	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	456141	20.00	ng	-0.03
64) Phenanthrene-d10	11.09	188	885411	20.00	ng	-0.03
76) Chrysene-d12	13.71	240	708022	20.00	ng	-0.04
87) Perylene-d12	15.08	264	764427	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1580689	103.19	ng	-0.01
7) Phenol-d6	6.24	99	1966976	105.79	ng	-0.02
23) Nitrobenzene-d5	7.15	82	1179450	81.67	ng	-0.03
42) 2,4,6-Tribromophenol	10.41	330	584681	121.55	ng	-0.02
45) 2-Fluorobiphenyl	8.95	172	2311230	86.07	ng	-0.03
79) Terphenyl-d14	12.68	244	2618494	78.63	ng	-0.03

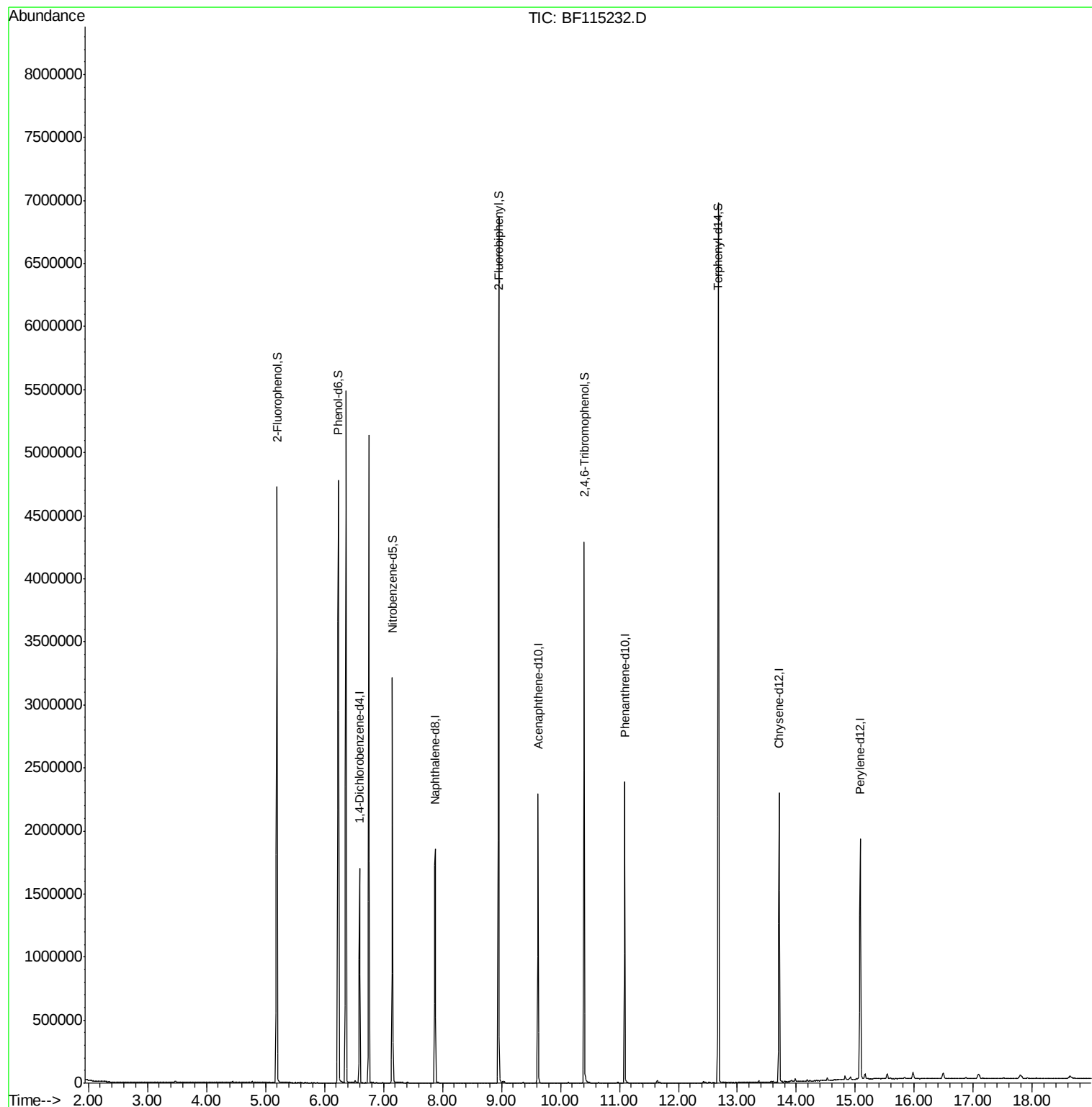
Target Compounds Qvalue

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

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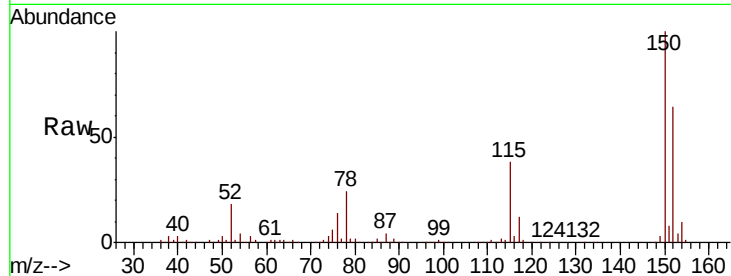


#1

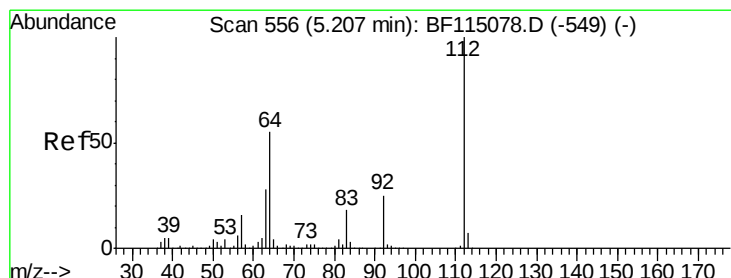
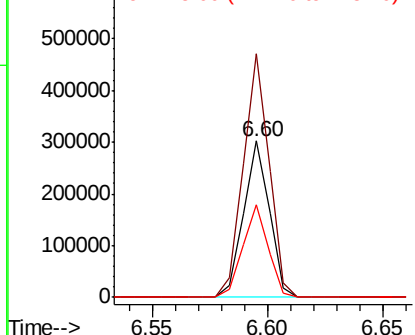
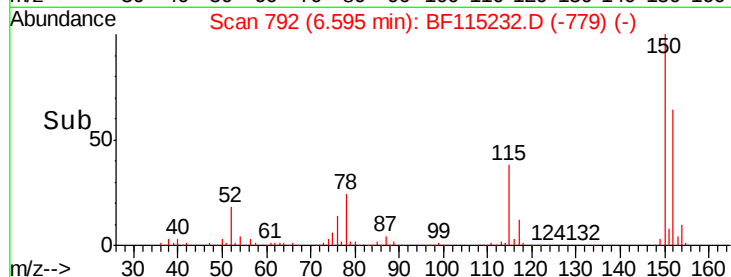
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115232.D
Acq: 27 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB120902TB

Tot Ion:152 Resp: 236396
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 59.5 46.1 69.1



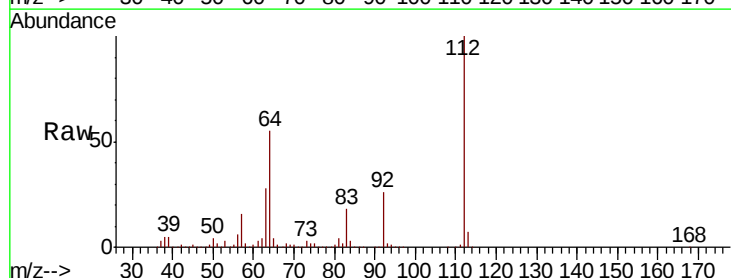
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



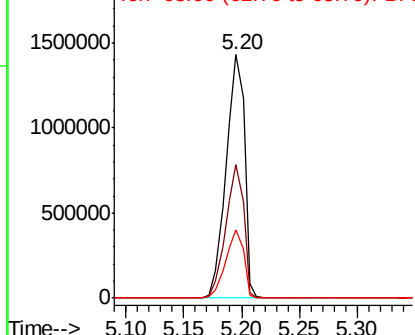
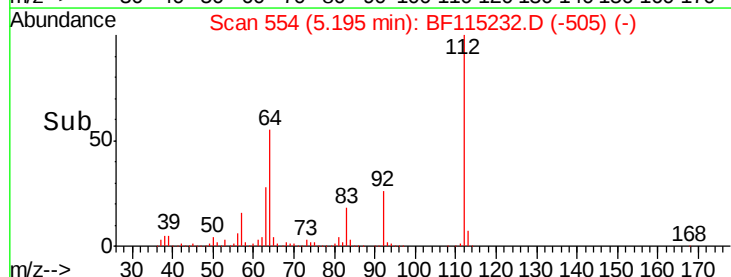
#5

2-Fluorophenol
Concen: 103.186 ng
RT: 5.20 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF115232.D
Acq: 27 Jun 2019 13:24

Tgt Ion:112 Resp: 1580689
Ion Ratio Lower Upper
112 100
64 54.7 43.8 65.6
63 28.1 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: 105.789 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115232.D

Acq: 27 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

PB120902TB

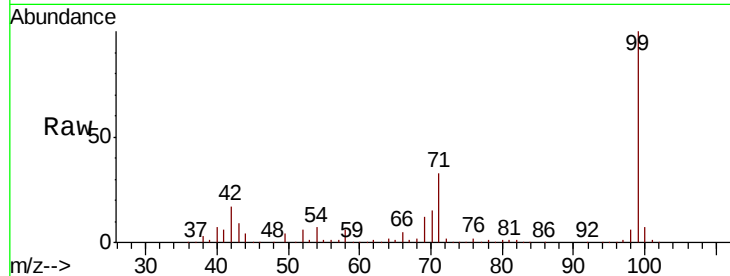
Tot Ion: 99 Resp: 1966976

Ion Ratio Lower Upper

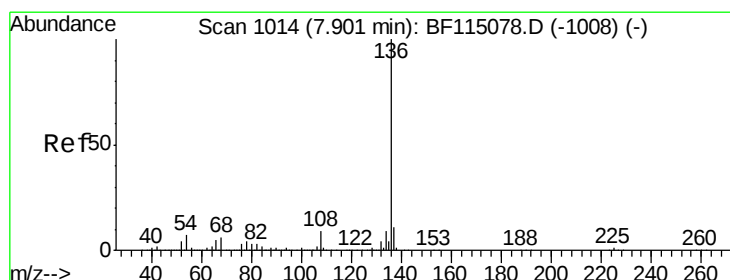
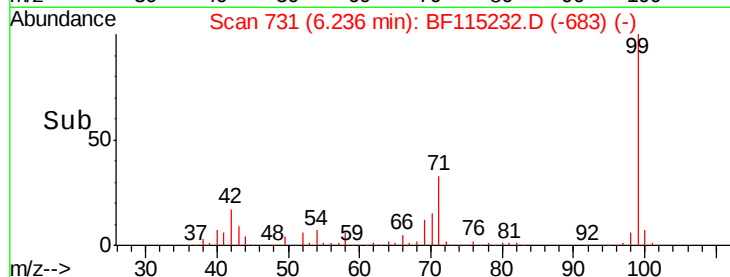
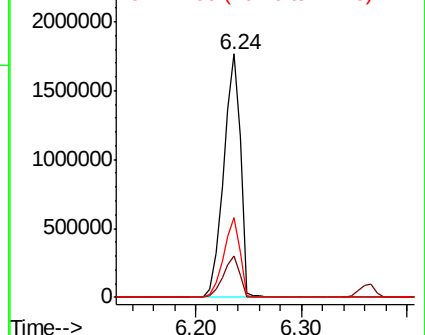
99 100

42 17.0 13.6 20.4

71 33.0 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: 7.88 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF115232.D

Acq: 27 Jun 2019 13:24

Tgt Ion: 136 Resp: 888436

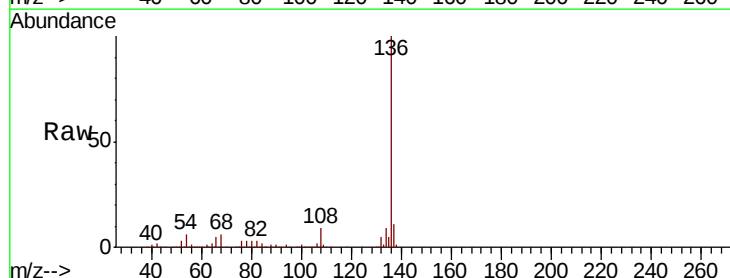
Ion Ratio Lower Upper

136 100

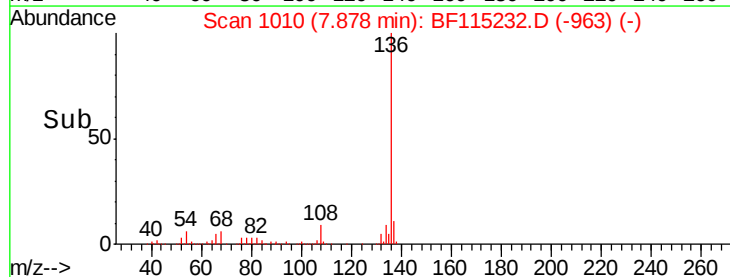
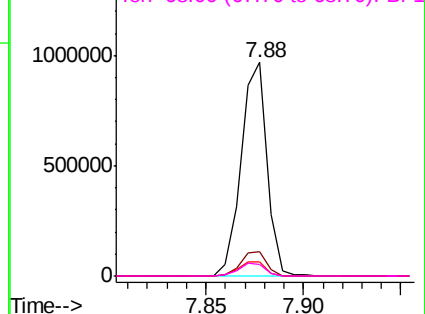
137 11.1 8.9 13.3

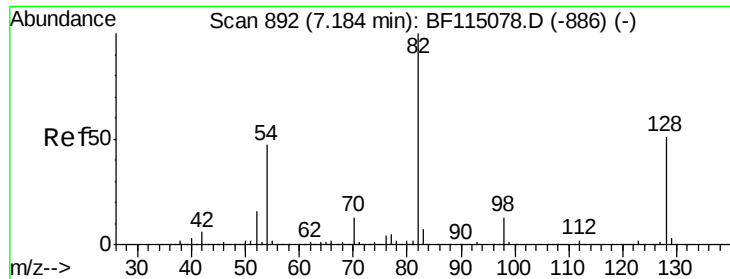
54 6.4 5.6 8.4

68 5.7 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

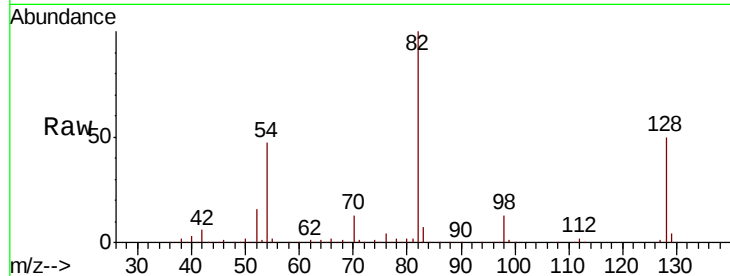




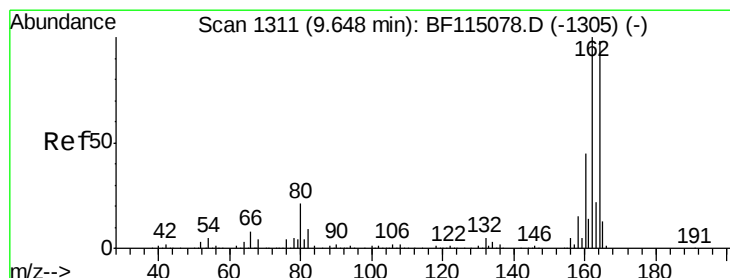
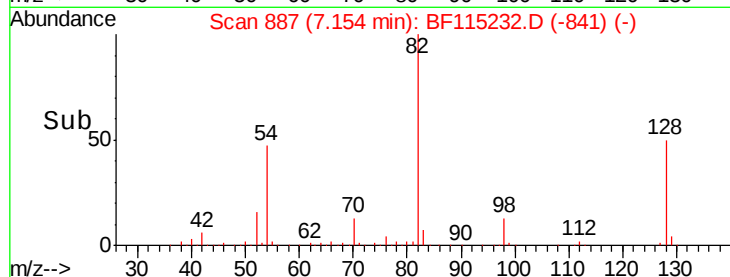
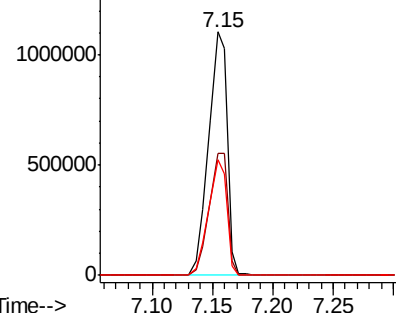
#23
 Nitrobenzene-d5
 Concen: 81.665 ng
 RT: 7.15 min Scan# 887
 Delta R.T. -0.03 min
 Lab File: BF115232.D
 Acq: 27 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB120902TB

Tot Ion: 82 Resp: 1179450
 Ion Ratio Lower Upper
 82 100
 128 50.1 40.4 60.6
 54 47.4 37.5 56.3

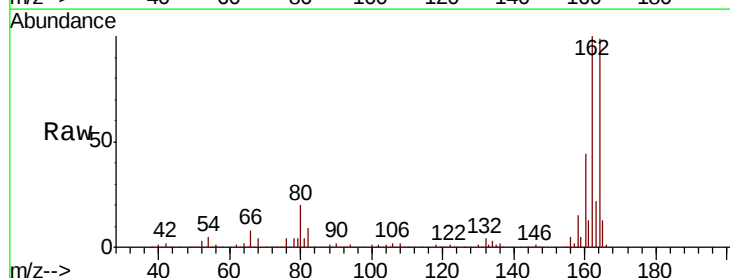


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

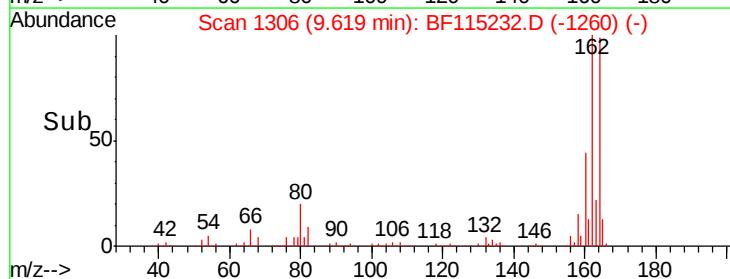
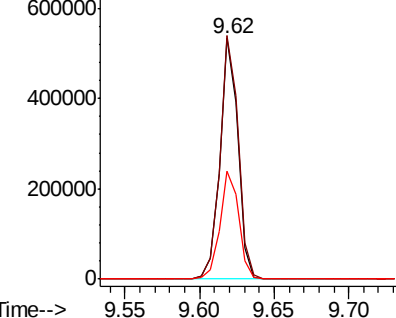


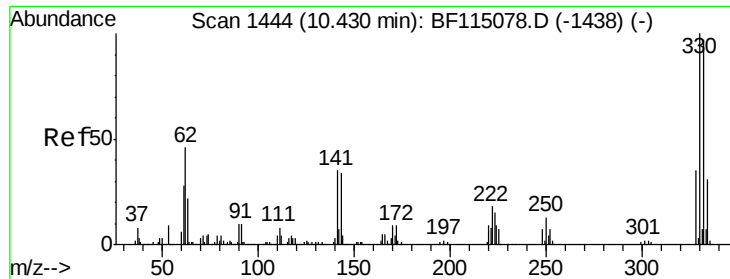
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF115232.D
 Acq: 27 Jun 2019 13:24

Tgt Ion:164 Resp: 456141
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.7 122.5
 160 45.0 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

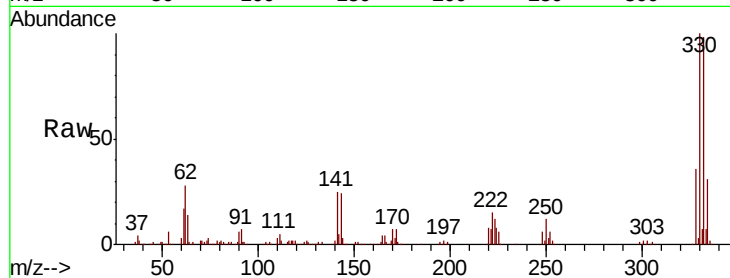




#42
 2,4,6-Tribromophenol
 Concen: 121.551 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF115232.D
 Acq: 27 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB120902TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.6	28.2	42.2

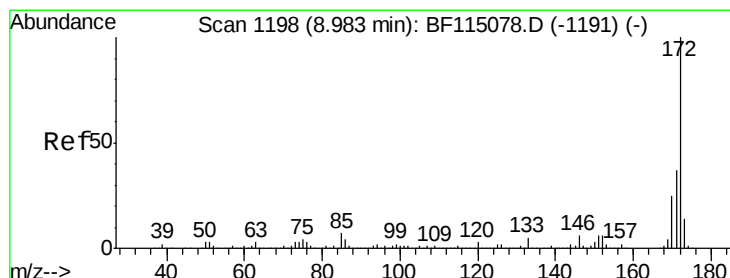
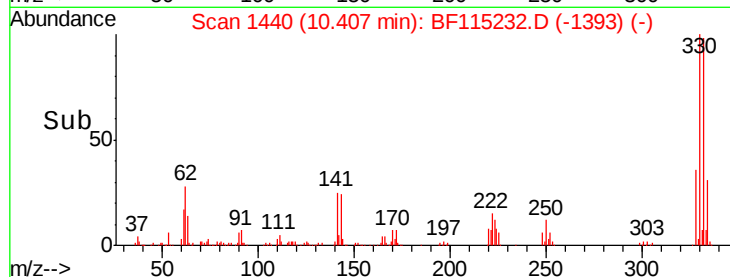
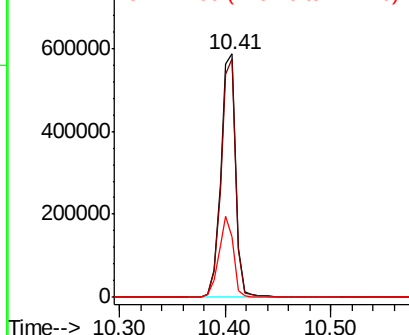


Abundance

Ion 329.80 (329.50 to 330.50): E

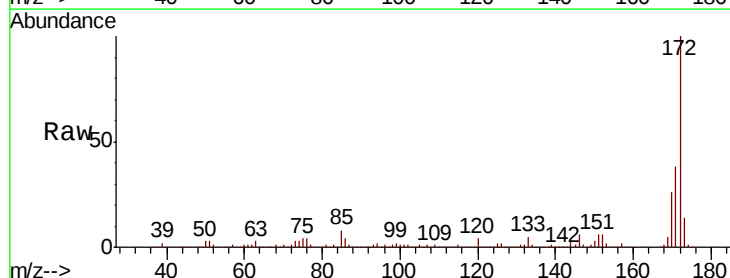
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.068 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BF115232.D
 Acq: 27 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	25.5	20.3	30.5

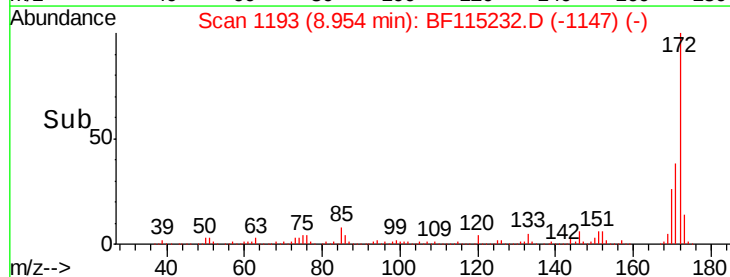
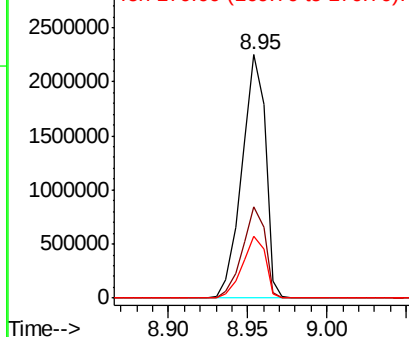


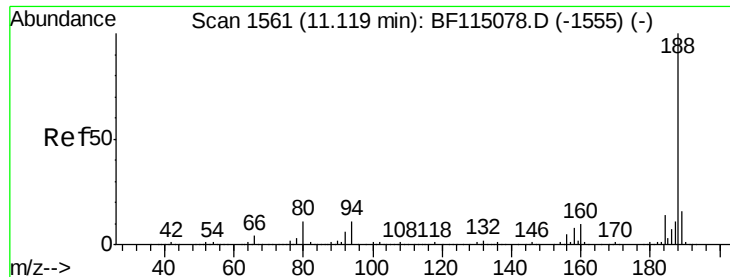
Abundance

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: 11.09 min Scan# 1556

Delta R.T. -0.03 min

Lab File: BF115232.D

Acq: 27 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

PB120902TB

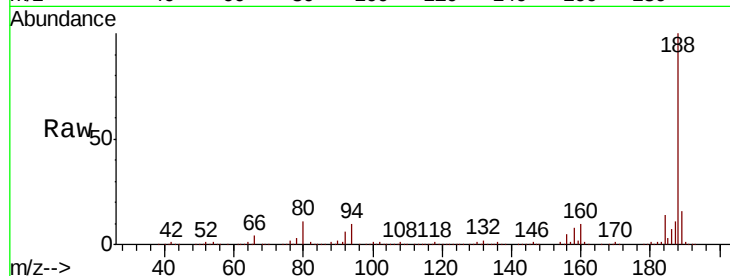
Tot Ion:188 Resp: 885411

Ion Ratio Lower Upper

188 100

94 10.4 8.6 12.8

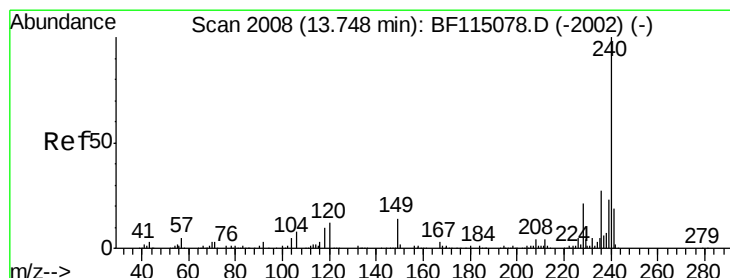
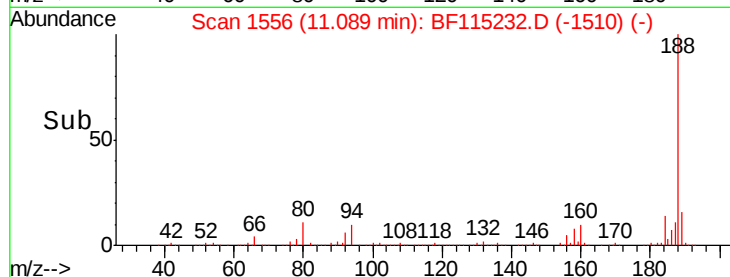
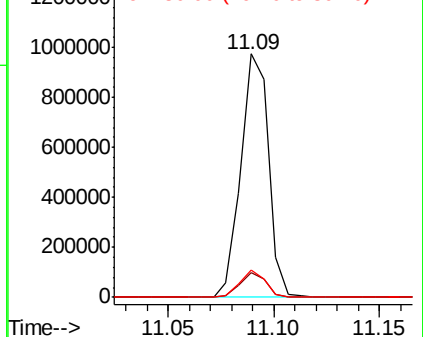
80 11.1 8.8 13.2



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: 13.71 min Scan# 2001

Delta R.T. -0.04 min

Lab File: BF115232.D

Acq: 27 Jun 2019 13:24

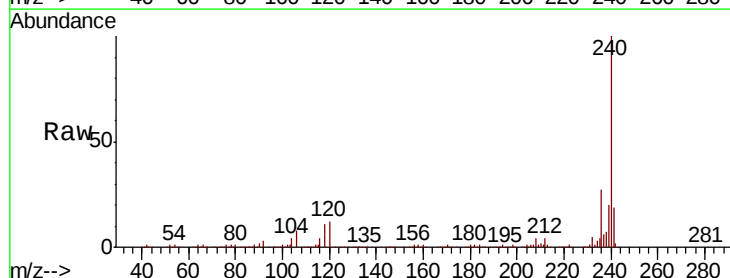
Tgt Ion:240 Resp: 708022

Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.2

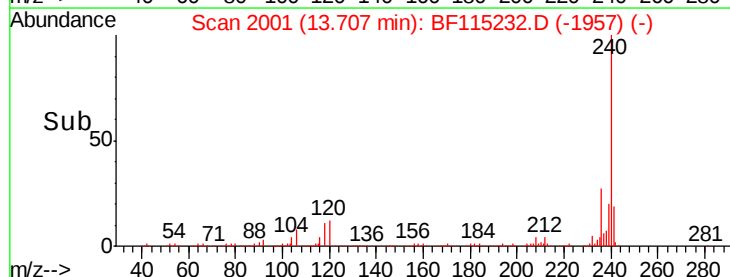
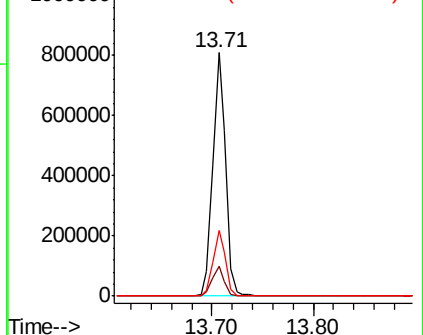
236 27.0 21.7 32.5

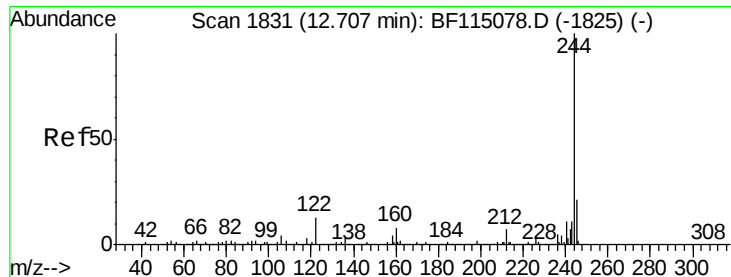


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.632 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115232.D

Acq: 27 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

PB120902TB

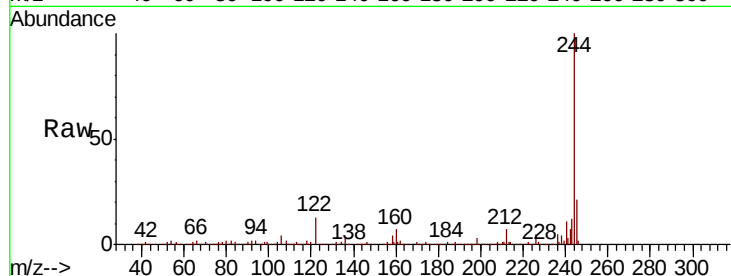
Tot Ion:244 Resp: 2618494

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

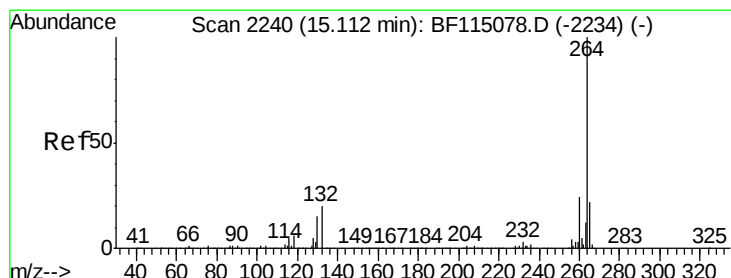
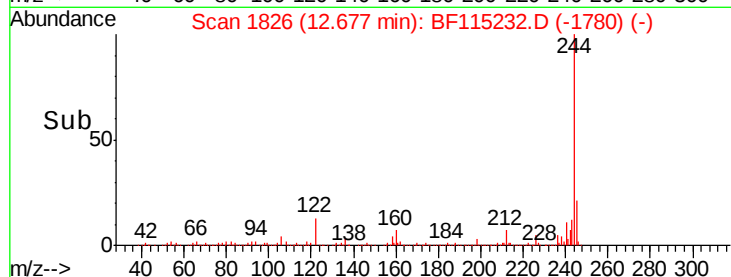
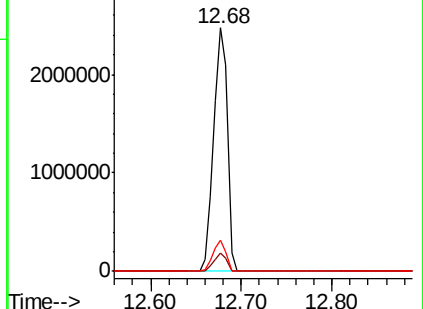
122 12.5 10.4 15.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2235

Delta R.T. -0.03 min

Lab File: BF115232.D

Acq: 27 Jun 2019 13:24

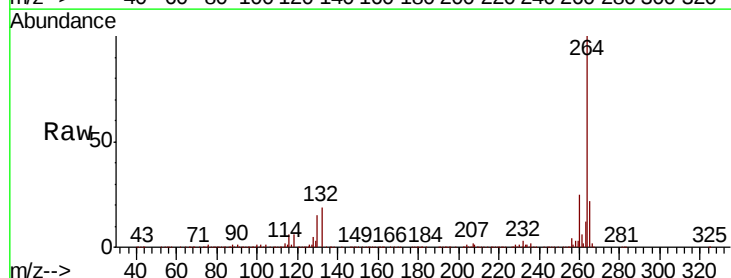
Tgt Ion:264 Resp: 764427

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 22.0 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

