

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
 Data File : BF115332.D
 Acq On : 1 Jul 2019 12:02
 Operator : HP/JU
 Sample : PB121019TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121019TB

Quant Time: Jul 02 08:39:17 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 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	222469	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	851153	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	407989	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	806850	20.00	ng	0.01
76) Chrysene-d12	13.72	240	646946	20.00	ng	0.00
87) Perylene-d12	15.12	264	693962	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1418200	98.37	ng	0.02
7) Phenol-d6	6.25	99	1791239	102.37	ng	0.01
23) Nitrobenzene-d5	7.17	82	1068738	77.24	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	473189	109.98	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2014872	83.89	ng	0.00
79) Terphenyl-d14	12.69	244	2164573	71.14	ng	0.00

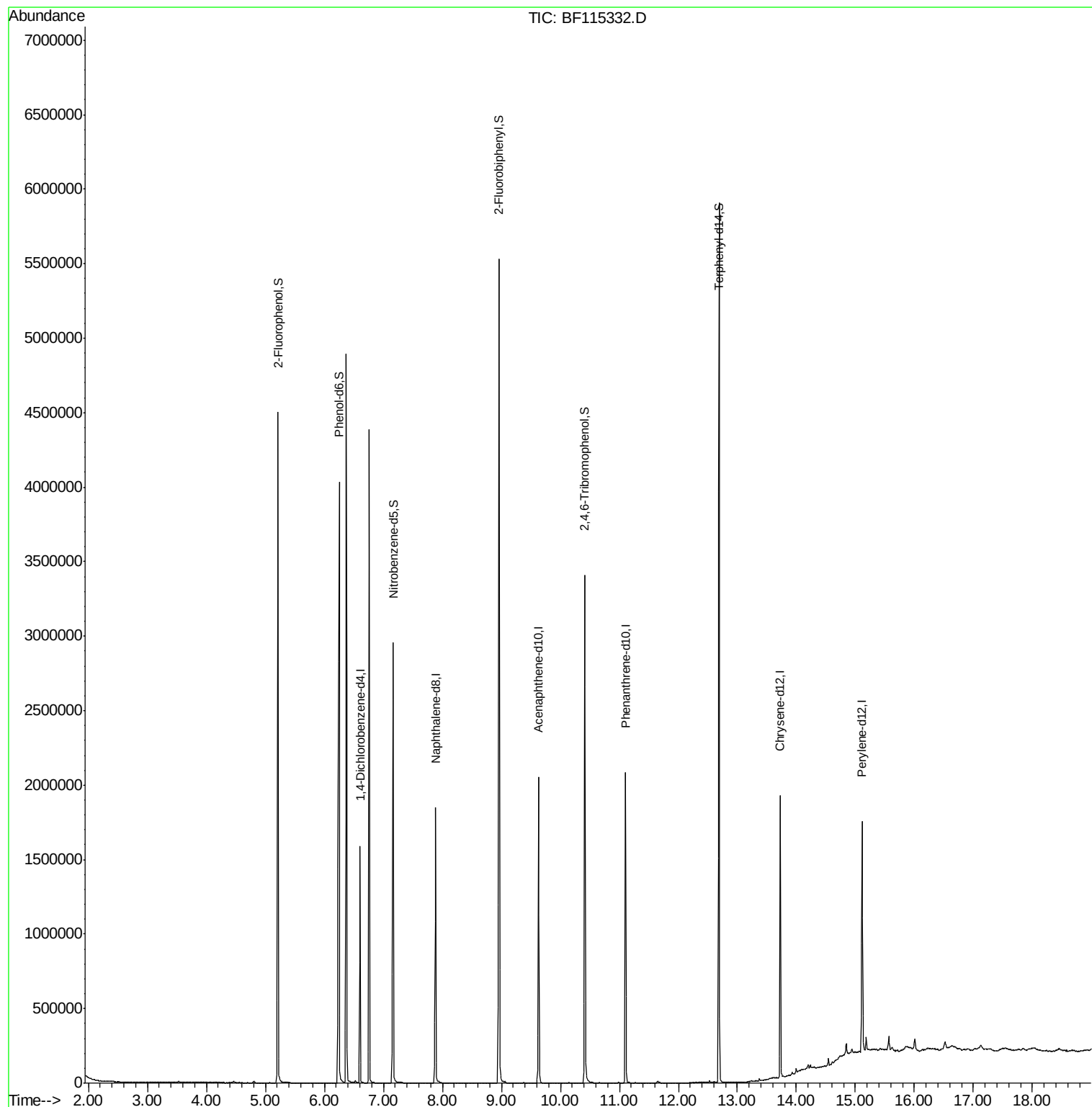
Target Compounds Qvalue

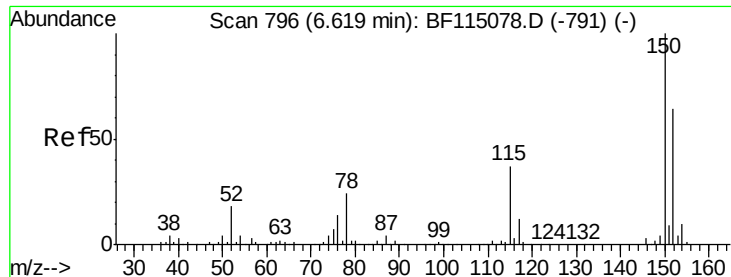
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115332.D
Acq On : 1 Jul 2019 12:02
Operator : HP/JU
Sample : PB121019TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121019TB

Quant Time: Jul 02 08:39:17 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 28 05:26:43 2019
Response via : Initial Calibration



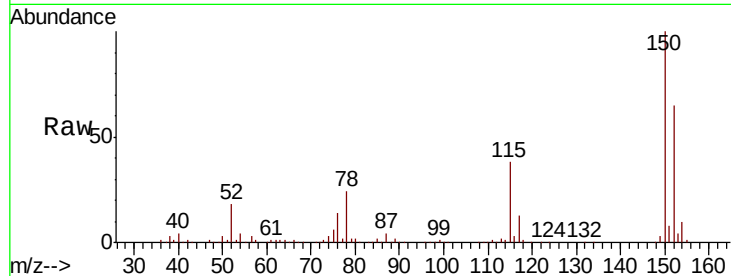


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115332.D
 Acq: 1 Jul 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121019TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	59.1	46.1	69.1

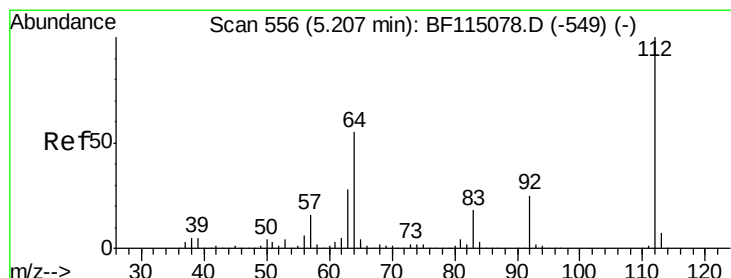
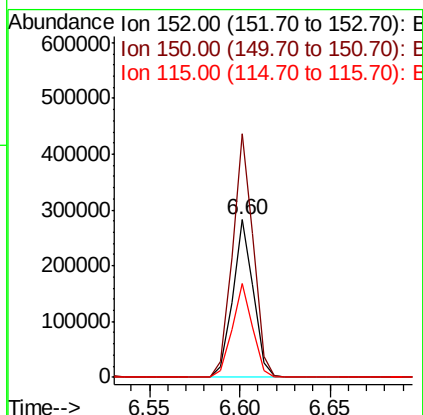
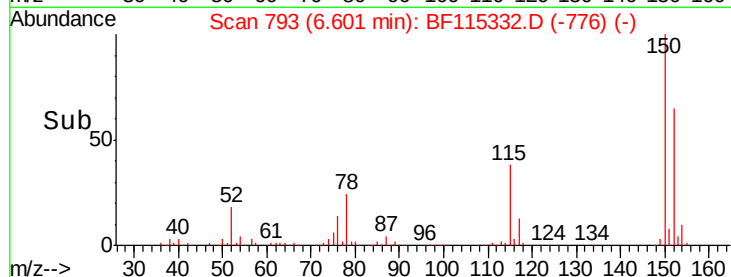


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

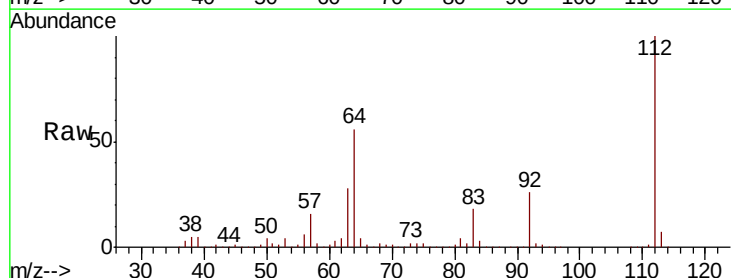
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 98.374 ng
 RT: 5.21 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF115332.D
 Acq: 1 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.6
63	28.0	22.2	33.4

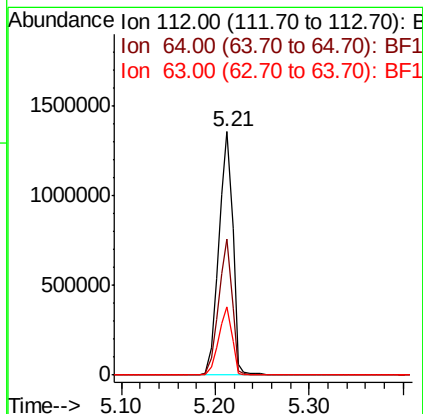
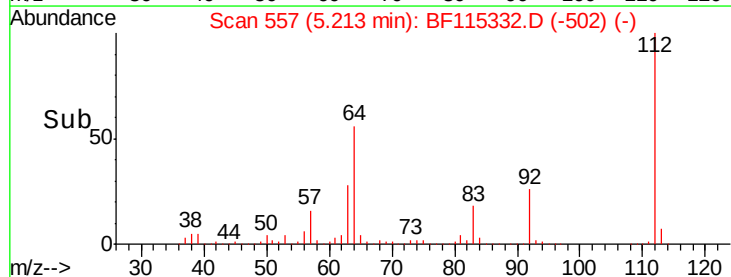


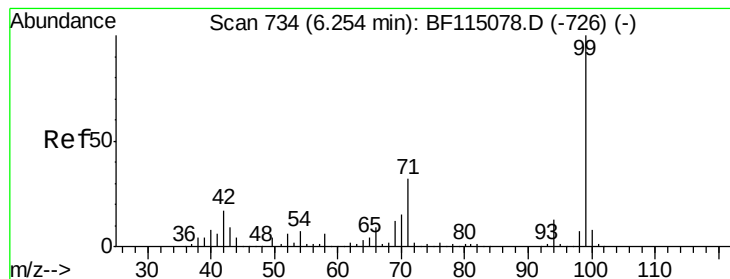
Abundance

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: 102.369 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

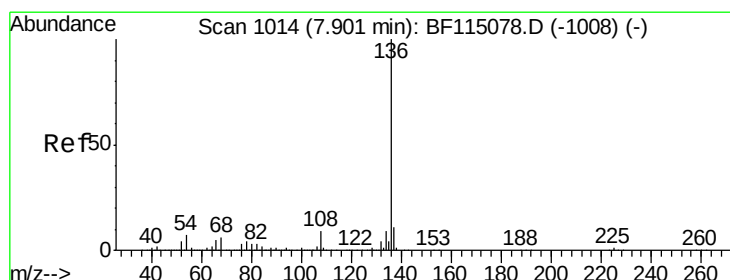
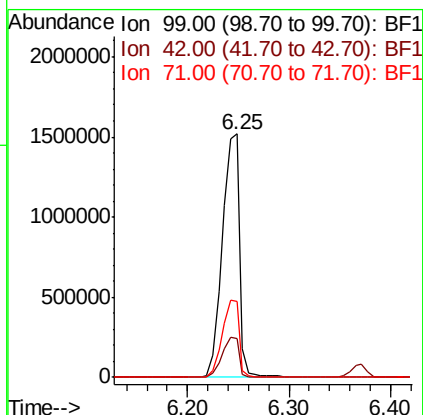
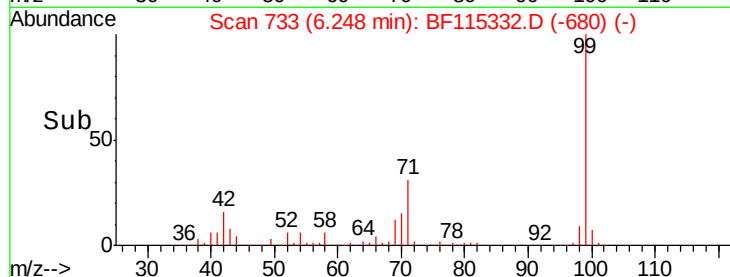
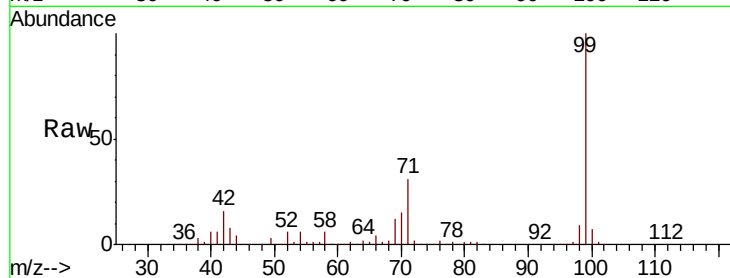
Tot Ion: 99 Resp: 1791239

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

71 31.3 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Tgt Ion: 136 Resp: 851153

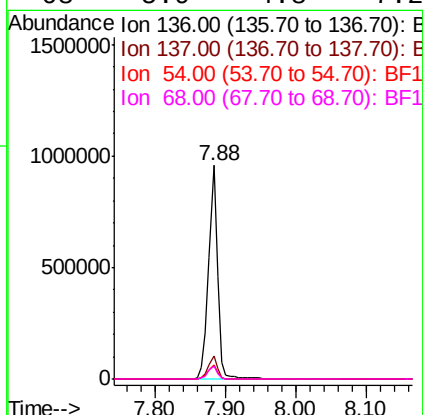
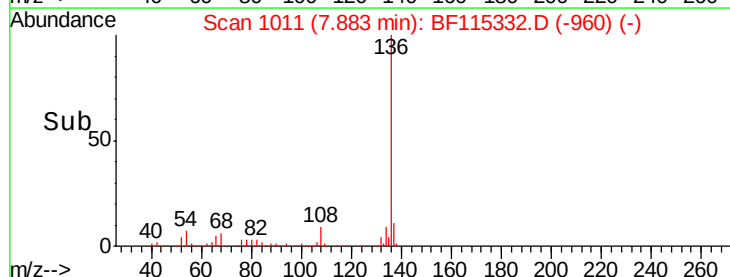
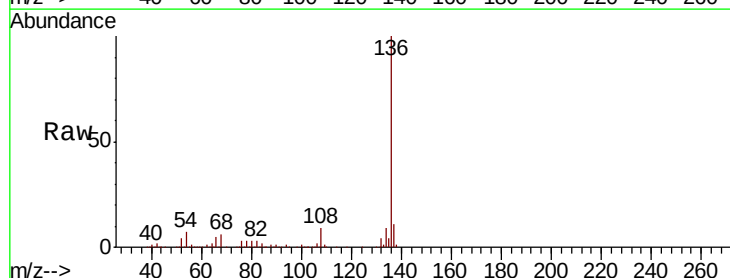
Ion Ratio Lower Upper

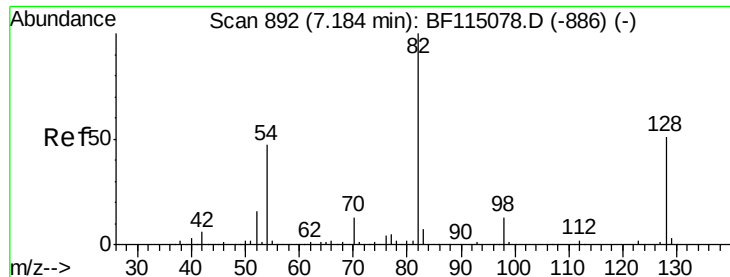
136 100

137 11.0 8.9 13.3

54 6.9 5.6 8.4

68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 77.241 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

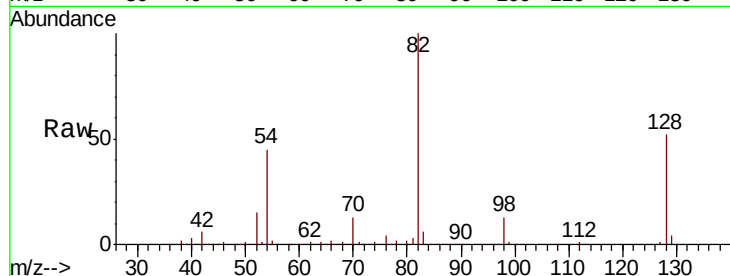
Tot Ion: 82 Resp: 1068738

Ion Ratio Lower Upper

82 100

128 52.4 40.4 60.6

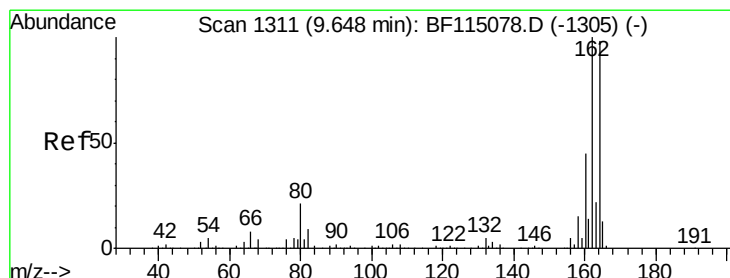
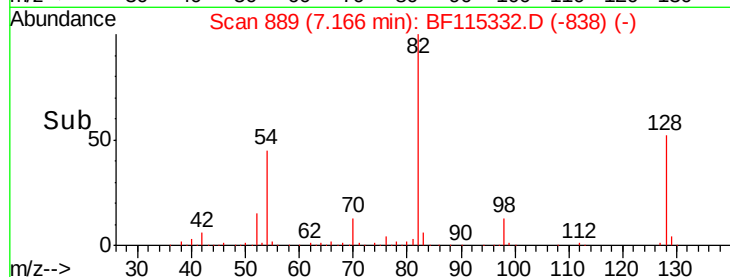
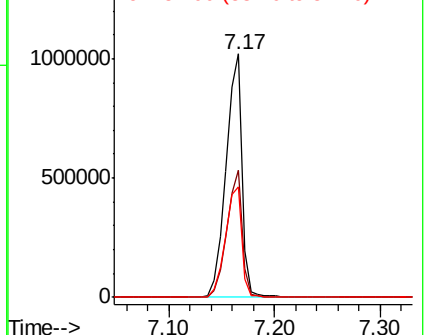
54 45.3 37.5 56.3



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: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

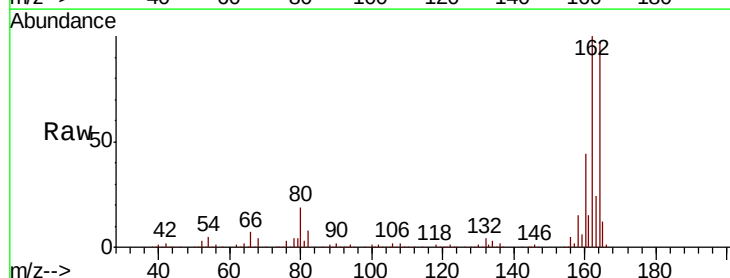
Tgt Ion:164 Resp: 407989

Ion Ratio Lower Upper

164 100

162 102.8 81.7 122.5

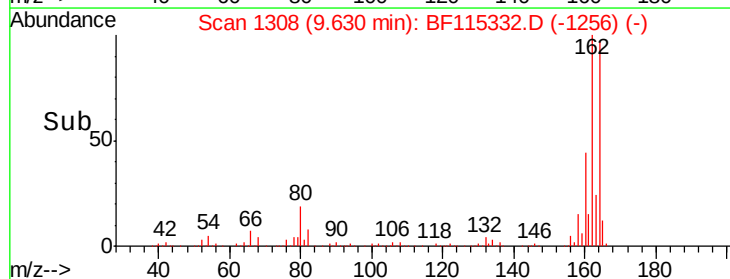
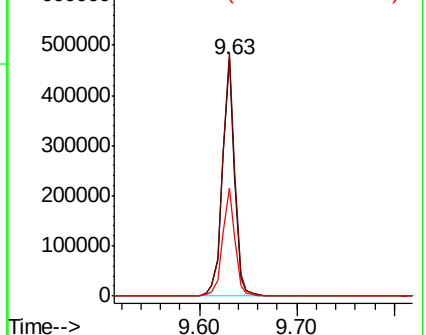
160 45.4 37.0 55.4

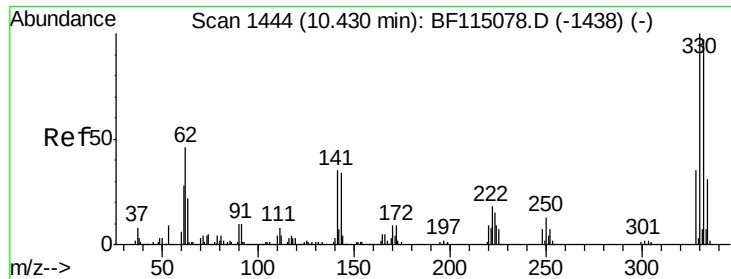


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

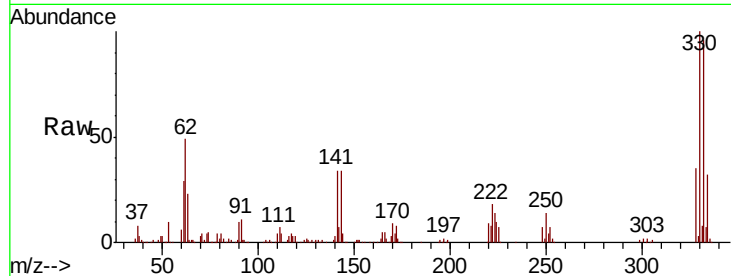




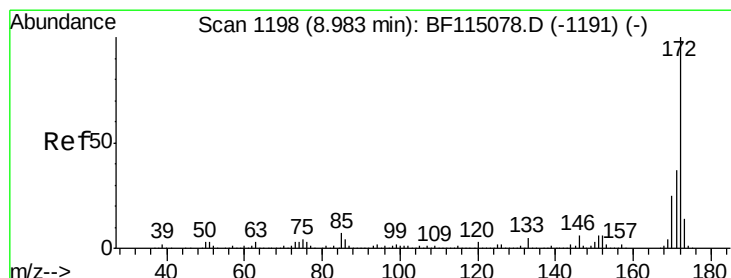
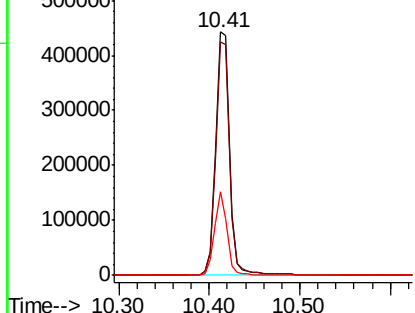
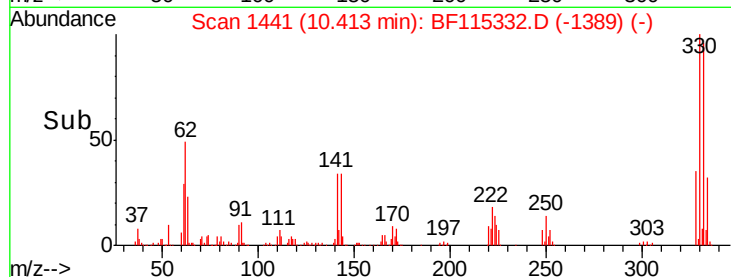
#42
 2,4,6-Tribromophenol
 Concen: 109.983 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF115332.D
 Acq: 1 Jul 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121019TB

Tot Ion:330 Resp: 473189
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 31.5 28.2 42.2

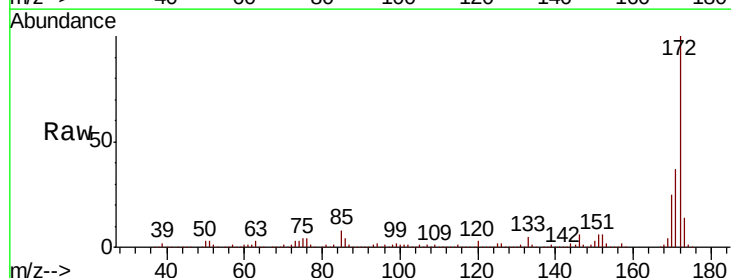


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

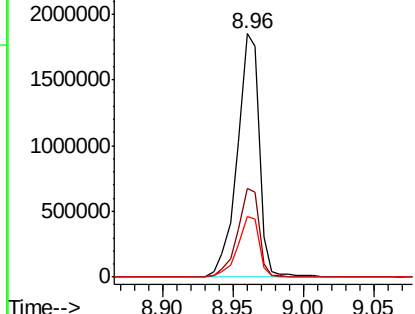
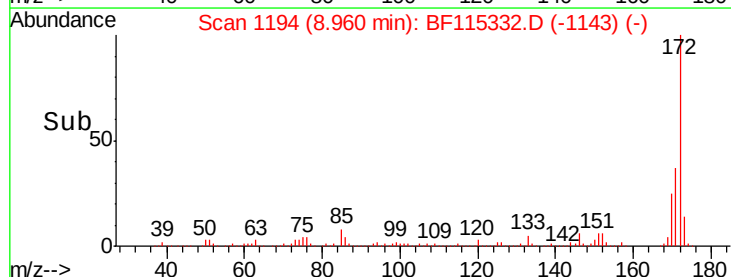


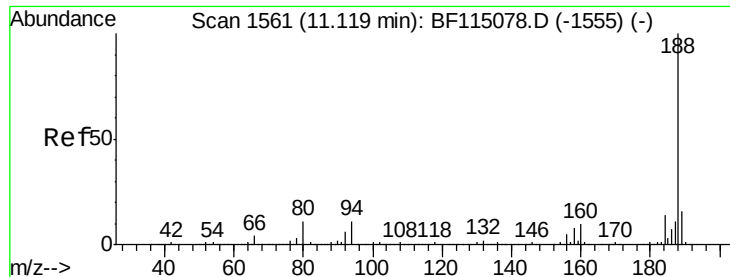
#45
 2-Fluorobiphenyl
 Concen: 83.887 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115332.D
 Acq: 1 Jul 2019 12:02

Tgt Ion:172 Resp: 2014872
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.9 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

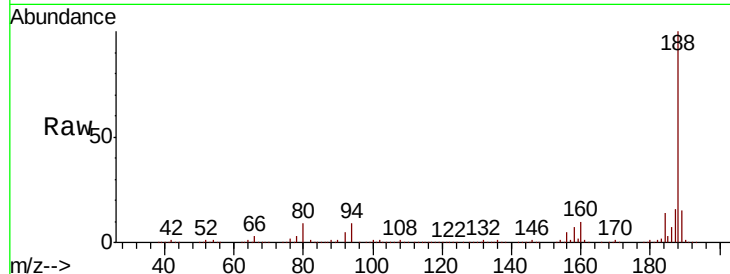




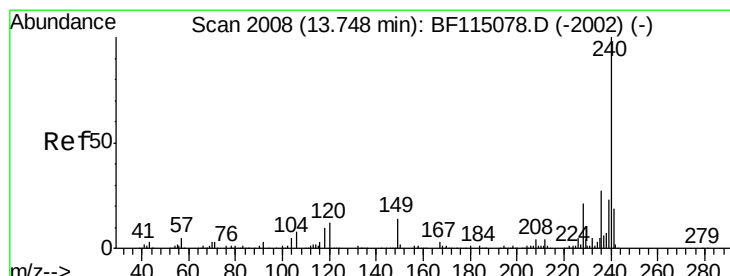
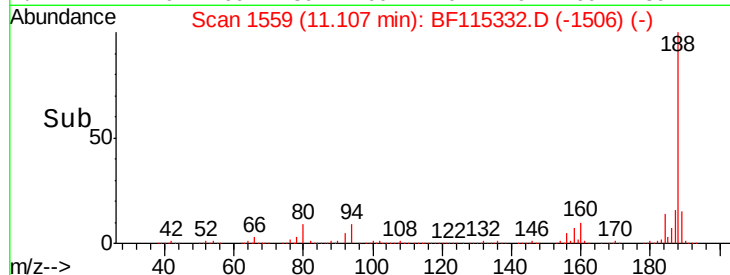
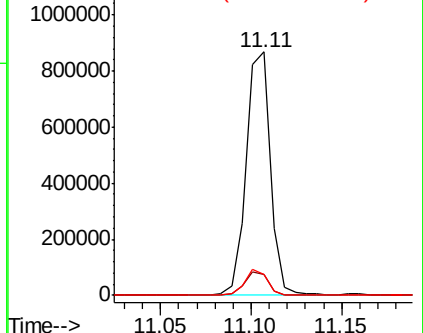
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB121019TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.6	12.8
80	8.7	8.8	13.2

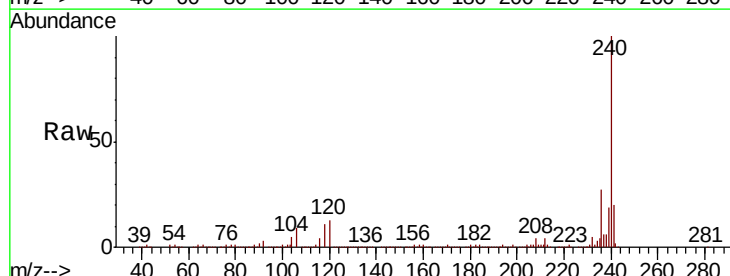


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

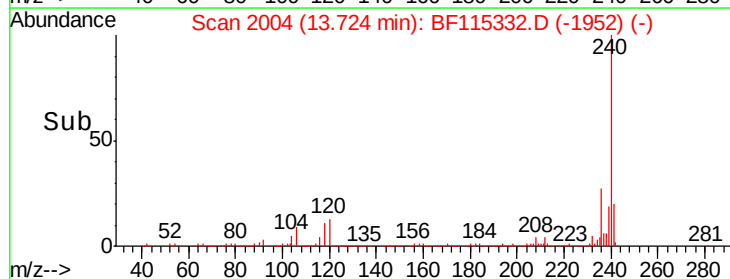
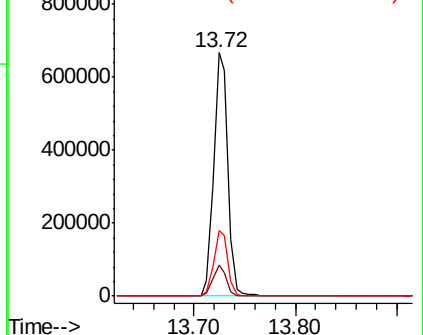


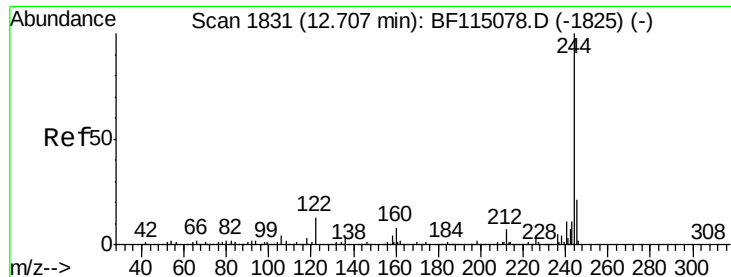
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.4	14.2
236	26.9	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: 71.138 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

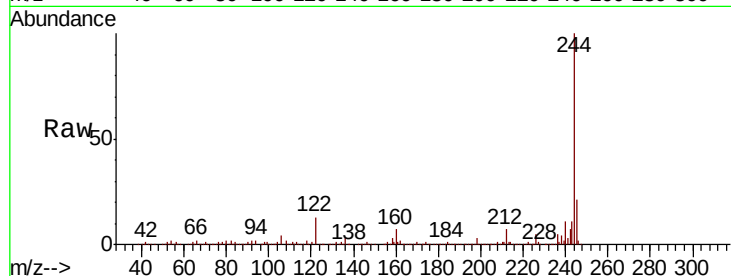
Tot Ion:244 Resp: 2164573

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

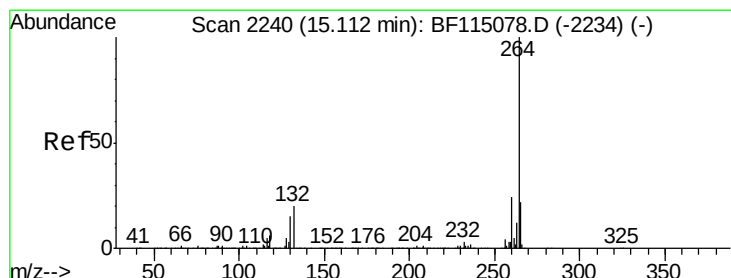
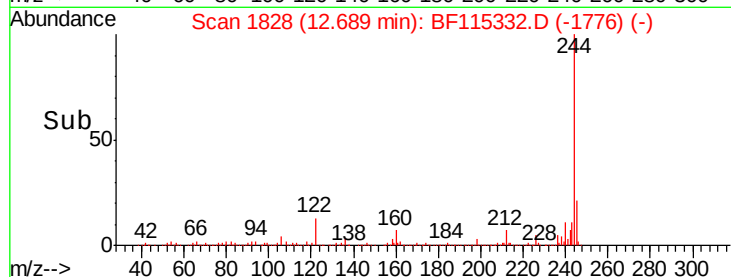
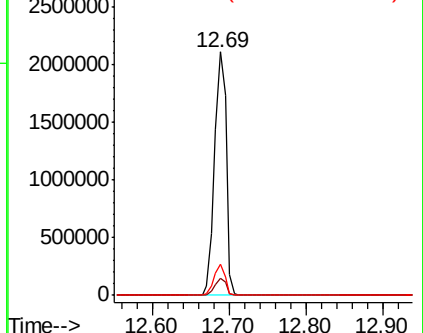
122 12.8 10.4 15.6



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: 15.12 min Scan# 2241

Delta R.T. 0.04 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

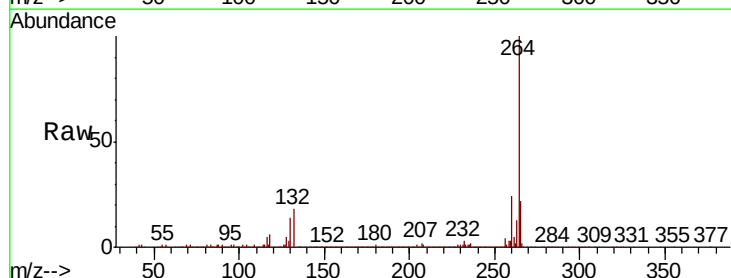
Tgt Ion:264 Resp: 693962

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 22.1 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

