

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115143.D
 Acq On : 24 Jun 2019 12:05
 Operator : HP/JU
 Sample : PB120777BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BL

Quant Time: Jun 25 07:53:48 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	314237	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1207806	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	604483	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1206163	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	909715	20.00	ng	-0.02
87) Perylene-d12	15.10	264	812759	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1969309	96.71	ng	0.02
7) Phenol-d6	6.25	99	2376583	96.16	ng	0.00
23) Nitrobenzene-d5	7.17	82	1488973	75.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	672219	105.45	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2885789	81.09	ng	-0.01
79) Terphenyl-d14	12.70	244	3067095	71.68	ng	-0.01

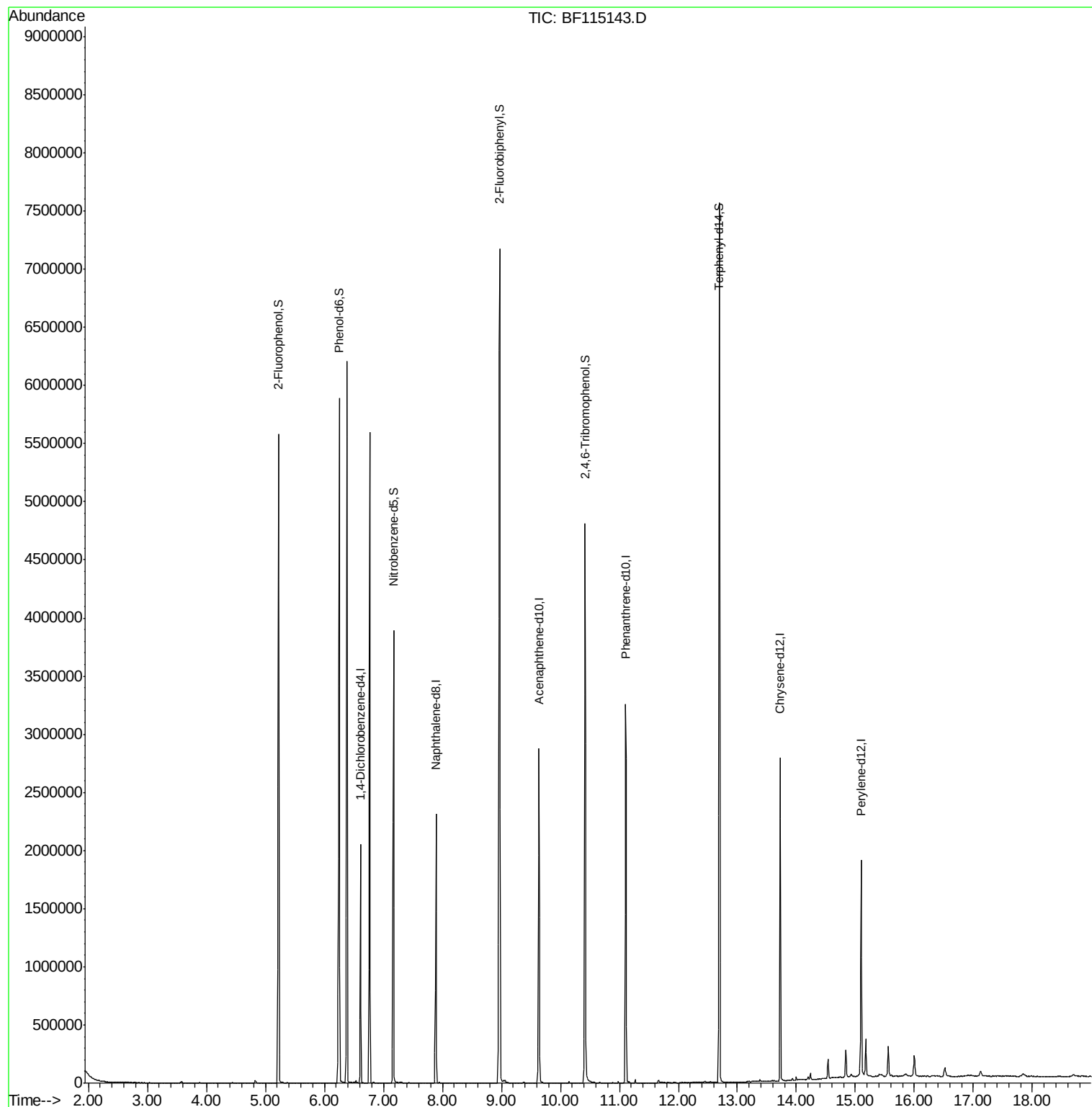
Target Compounds Qvalue

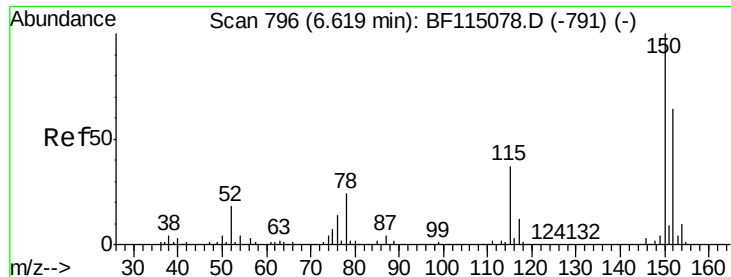
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115143.D
Acq On : 24 Jun 2019 12:05
Operator : HP/JU
Sample : PB120777BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120777BL

Quant Time: Jun 25 07:53:48 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



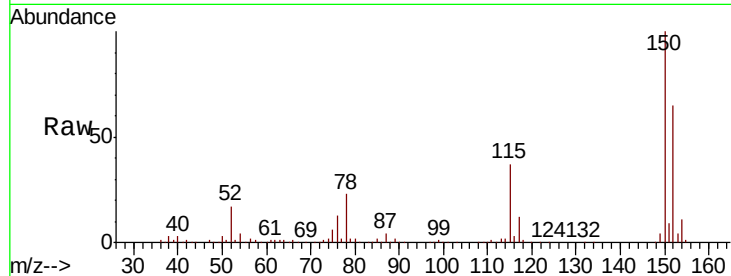


#1

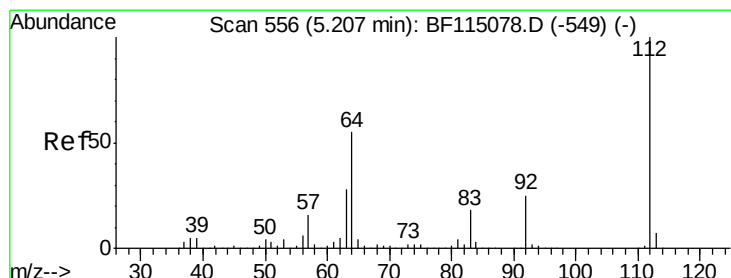
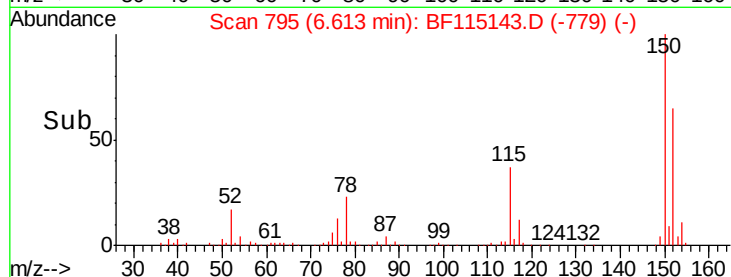
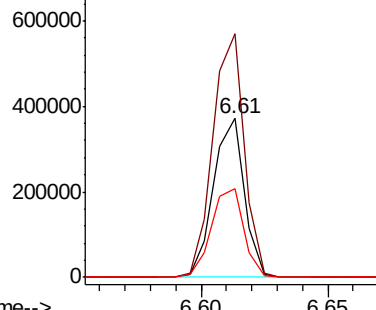
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115143.D
Acq: 24 Jun 2019 12:05

Instrument :
BNA_F
ClientSampleId :
PB120777BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.2	186.2
115	56.3	46.1	69.1



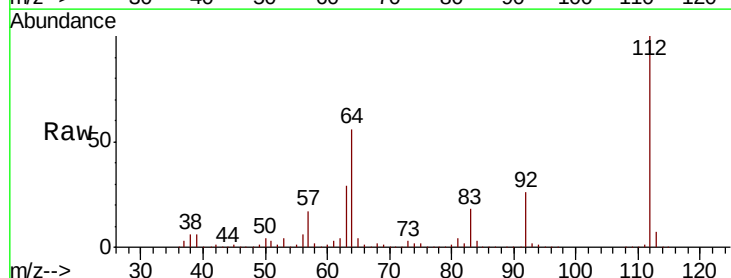
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



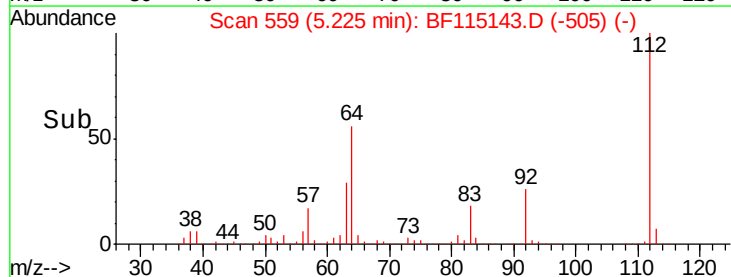
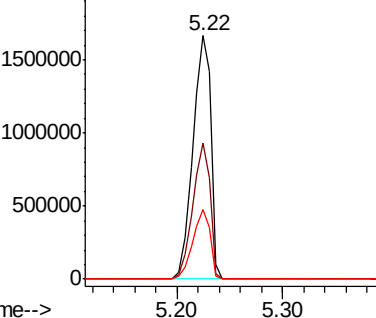
#5

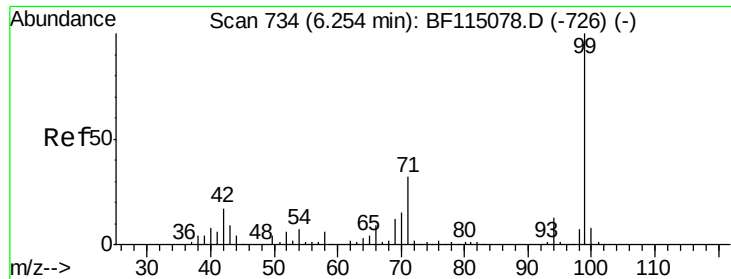
2-Fluorophenol
Concen: 96.710 ng
RT: 5.22 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF115143.D
Acq: 24 Jun 2019 12:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.8	65.6
63	28.6	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: 96.156 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115143.D

Acq: 24 Jun 2019 12:05

Instrument :

BNA_F

ClientSampleId :

PB120777BL

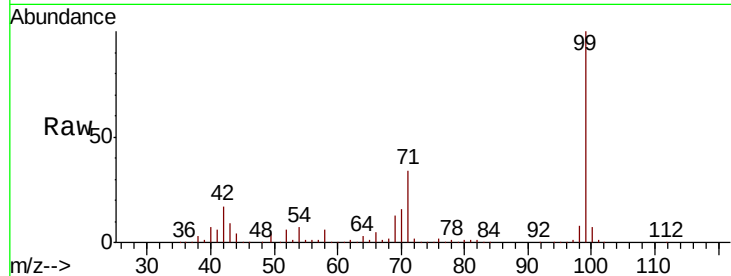
Tot Ion: 99 Resp: 2376583

Ion Ratio Lower Upper

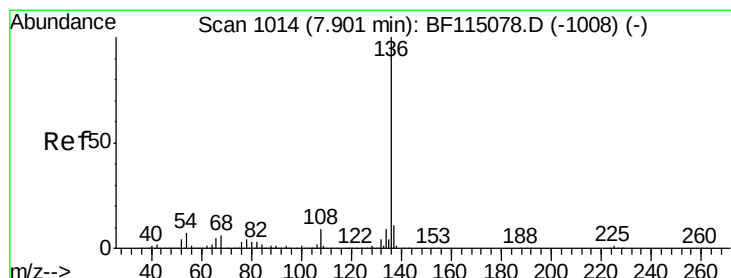
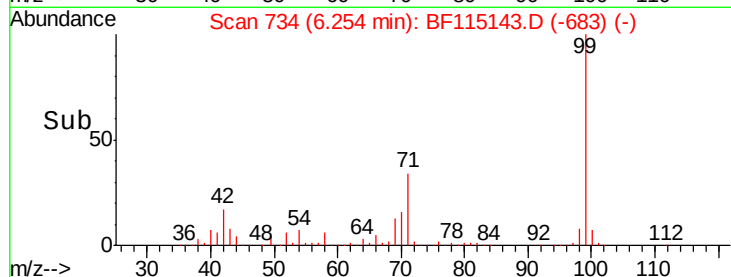
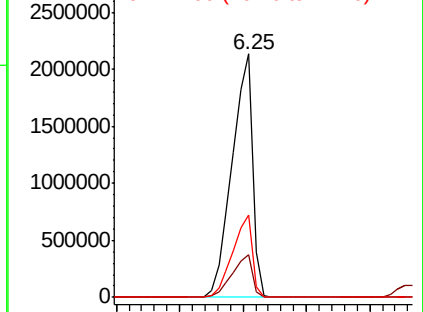
99 100

42 17.4 13.6 20.4

71 33.7 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: BF115143.D

Acq: 24 Jun 2019 12:05

Tgt Ion: 136 Resp: 1207806

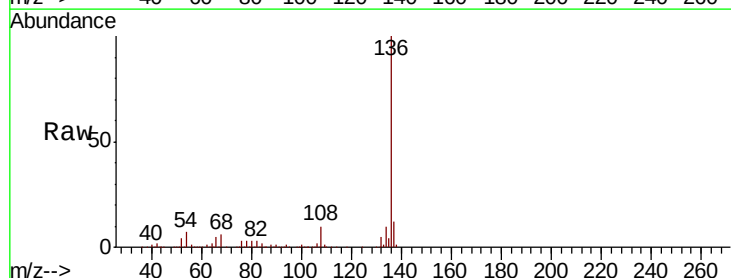
Ion Ratio Lower Upper

136 100

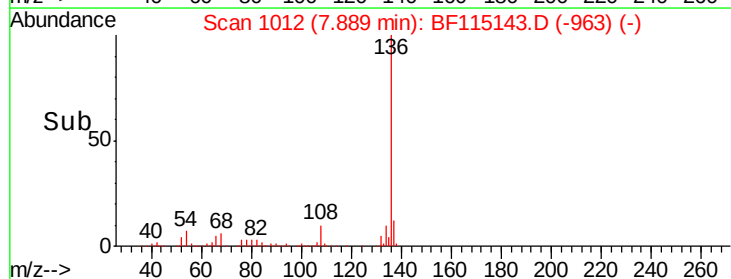
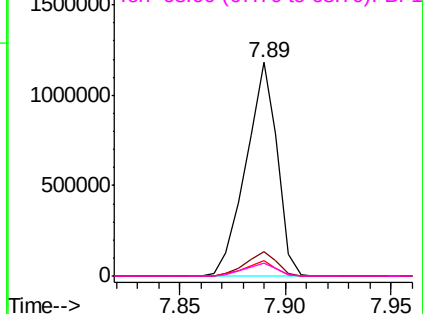
137 11.5 8.9 13.3

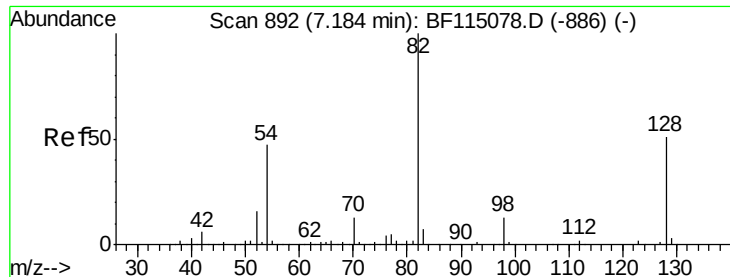
54 6.9 5.6 8.4

68 6.1 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

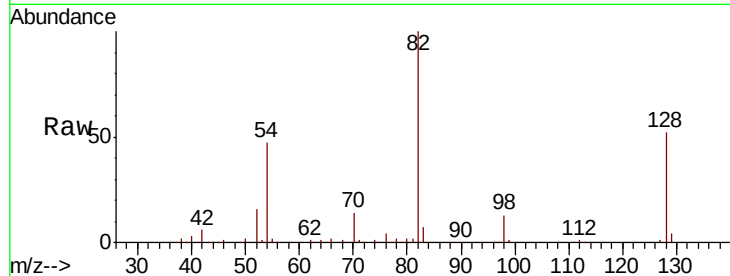




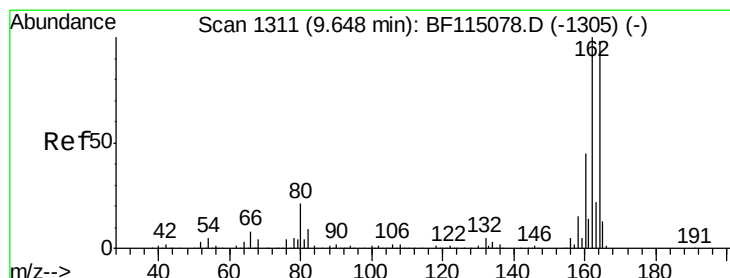
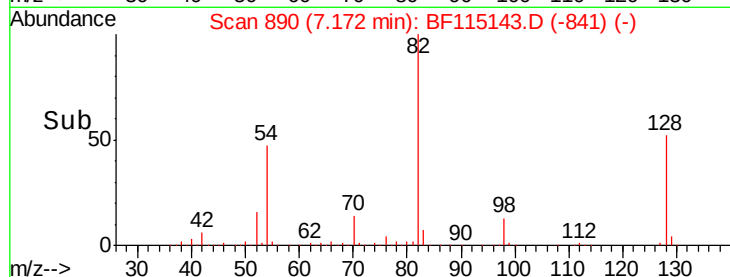
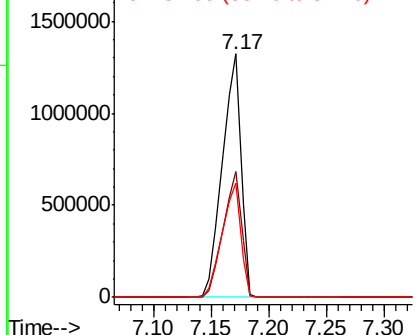
#23
Nitrobenzene-d5
Concen: 75.836 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115143.D
Acq: 24 Jun 2019 12:05

Instrument :
BNA_F
ClientSampleId :
PB120777BL

Tot Ion: 82 Resp: 1488973
Ion Ratio Lower Upper
82 100
128 51.7 40.4 60.6
54 47.0 37.5 56.3

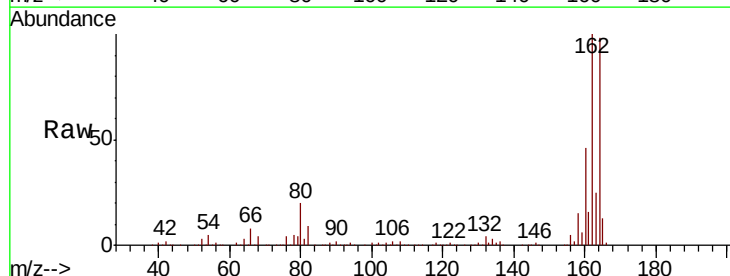


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

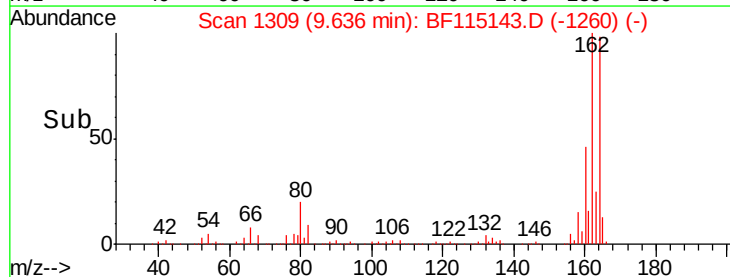
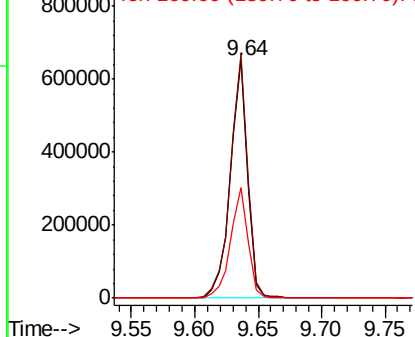


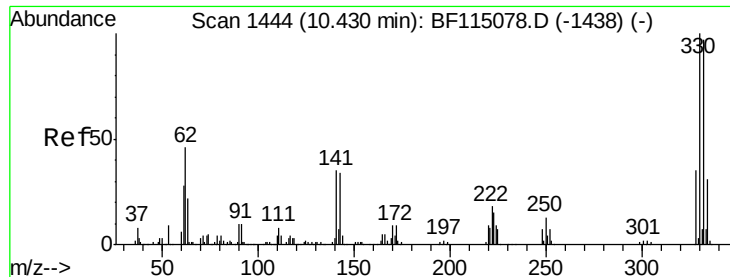
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115143.D
Acq: 24 Jun 2019 12:05

Tgt Ion:164 Resp: 604483
Ion Ratio Lower Upper
164 100
162 102.2 81.7 122.5
160 46.7 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

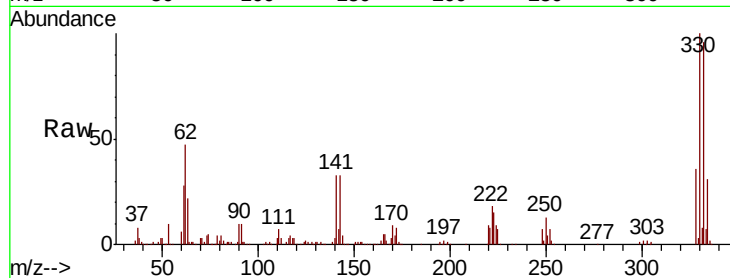




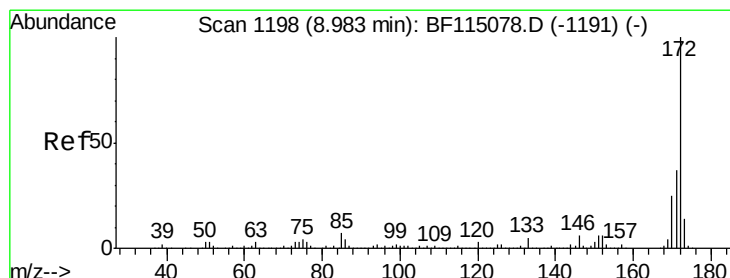
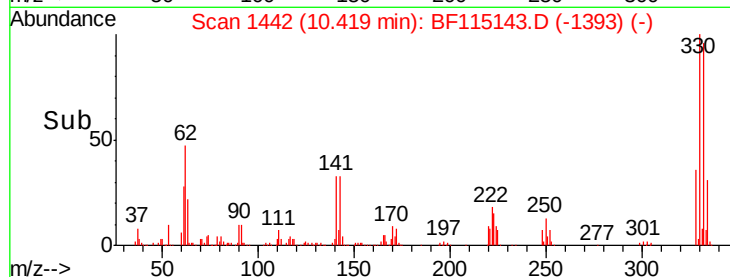
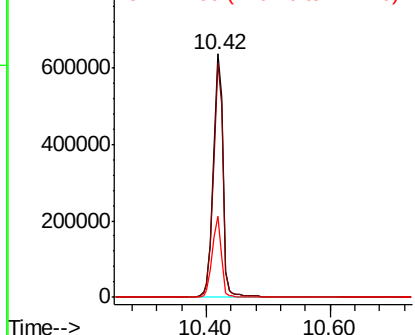
#42
 2,4,6-Tribromophenol
 Concen: 105.455 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115143.D
 Acq: 24 Jun 2019 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BL

Tot Ion:330 Resp: 672219
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.3 115.9
 141 32.3 28.2 42.2

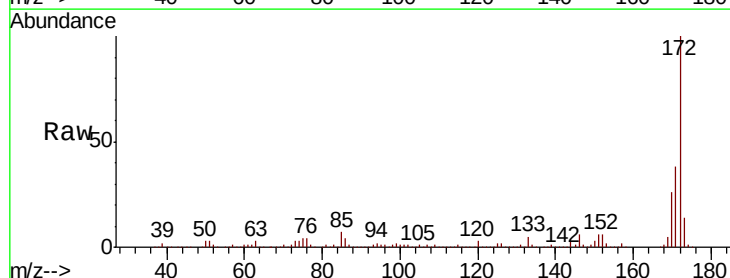


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

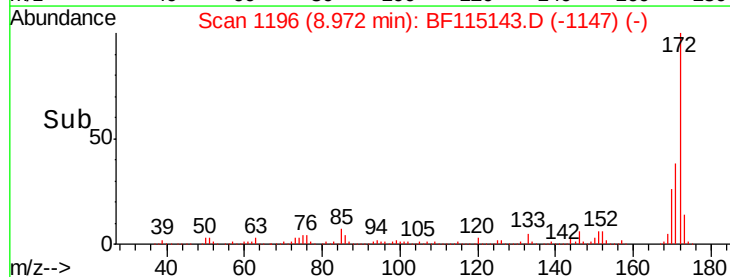
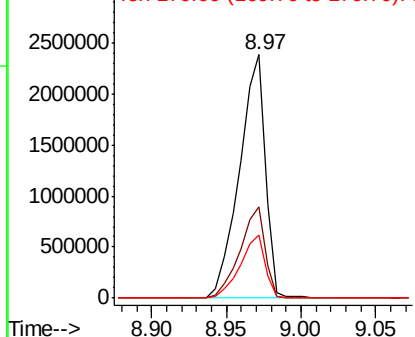


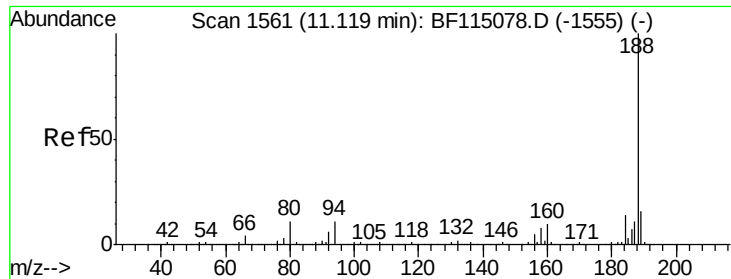
#45
 2-Fluorobiphenyl
 Concen: 81.092 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115143.D
 Acq: 24 Jun 2019 12:05

Tgt Ion:172 Resp: 2885789
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 26.1 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

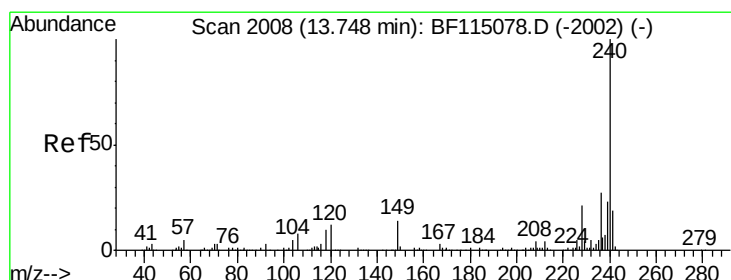
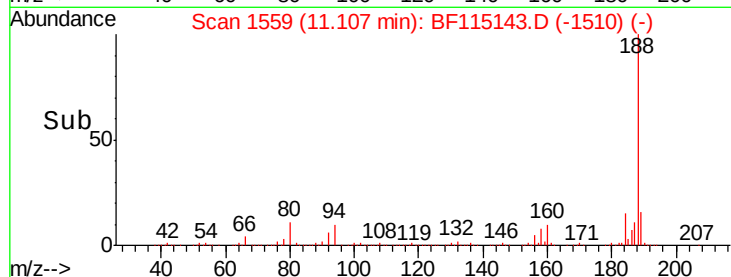
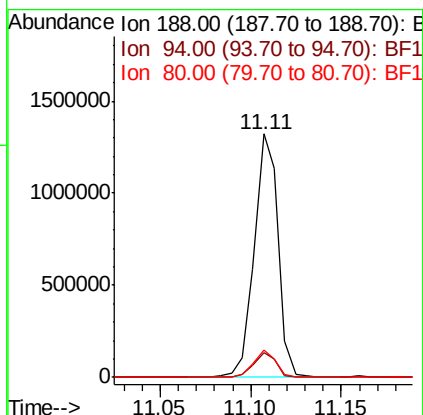
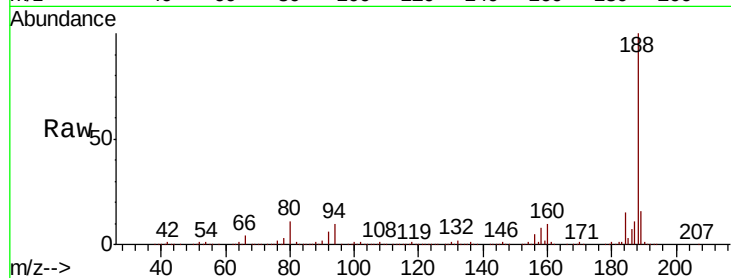




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115143.D
Acq: 24 Jun 2019 12:05

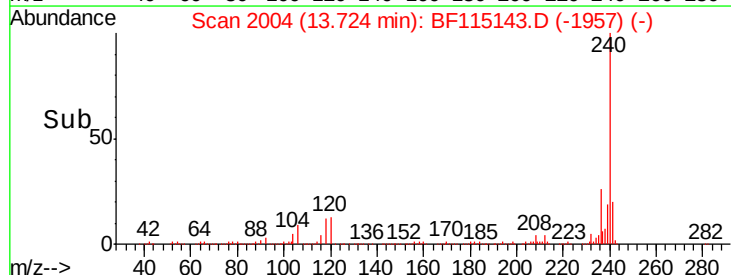
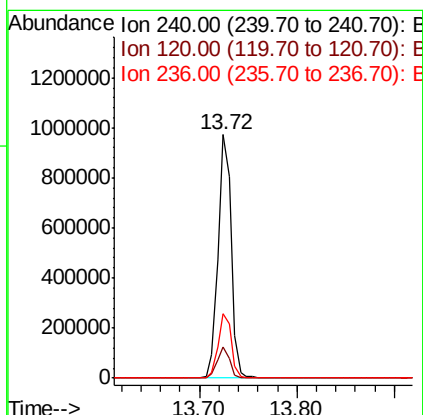
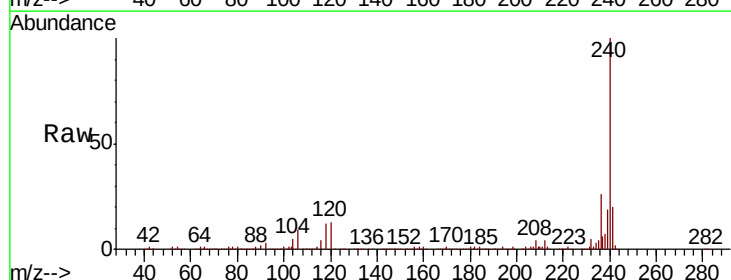
Instrument :
BNA_F
ClientSampleId :
PB120777BL

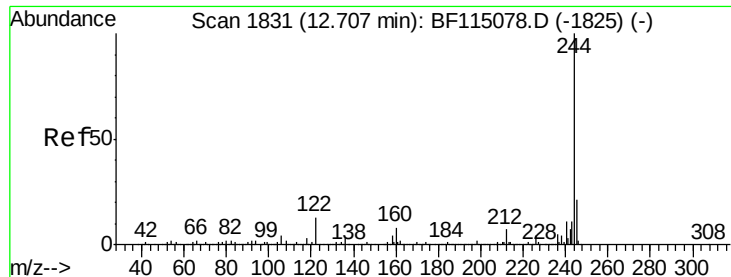
Tot Ion:188 Resp: 1206163
Ion Ratio Lower Upper
188 100
94 10.4 8.6 12.8
80 11.0 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115143.D
Acq: 24 Jun 2019 12:05

Tgt Ion:240 Resp: 909715
Ion Ratio Lower Upper
240 100
120 12.9 9.4 14.2
236 26.4 21.7 32.5





#79

Terphenyl-d14

Concen: 71.683 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115143.D

Acq: 24 Jun 2019 12:05

Instrument :

BNA_F

ClientSampleId :

PB120777BL

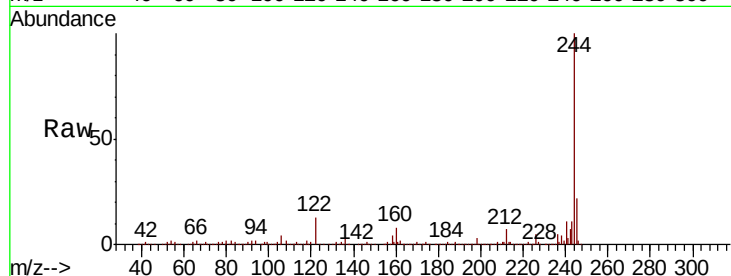
Tot Ion:244 Resp: 3067095

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

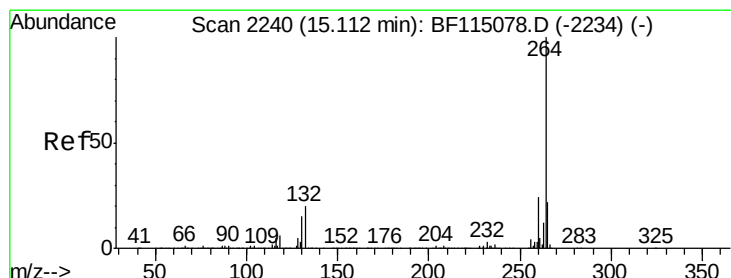
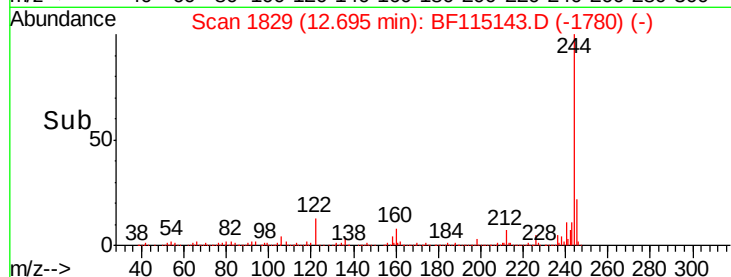
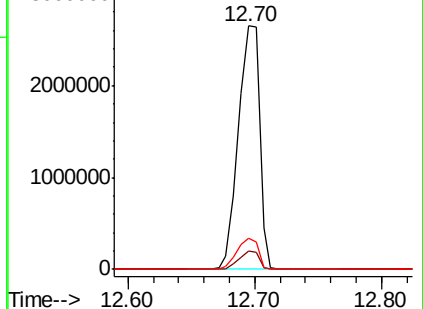
122 12.7 10.4 15.6



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: 15.10 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF115143.D

Acq: 24 Jun 2019 12:05

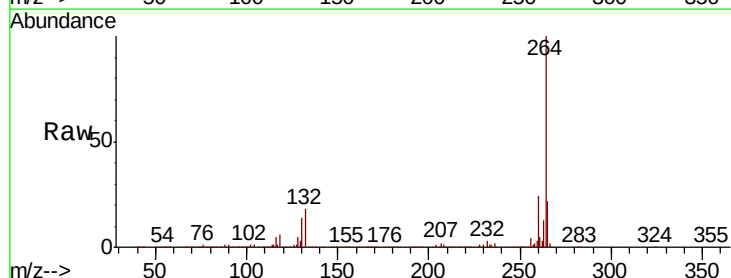
Tgt Ion:264 Resp: 812759

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.6 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

