

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115033.D
 Acq On : 14 Jun 2019 12:17
 Operator : HP/JU
 Sample : PB120556BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120556BL

Quant Time: Jun 15 05:15:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	264220	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1035786	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	501356	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1003246	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	798139	20.00	ng	-0.01
87) Perylene-d12	15.14	264	778477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1810539	114.42	ng	0.01
7) Phenol-d6	6.30	99	2250978	117.93	ng	0.00
23) Nitrobenzene-d5	7.21	82	1363769	79.25	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	635088	118.29	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2549436	86.18	ng	0.00
79) Terphenyl-d14	12.73	244	2819278	66.44	ng	0.00

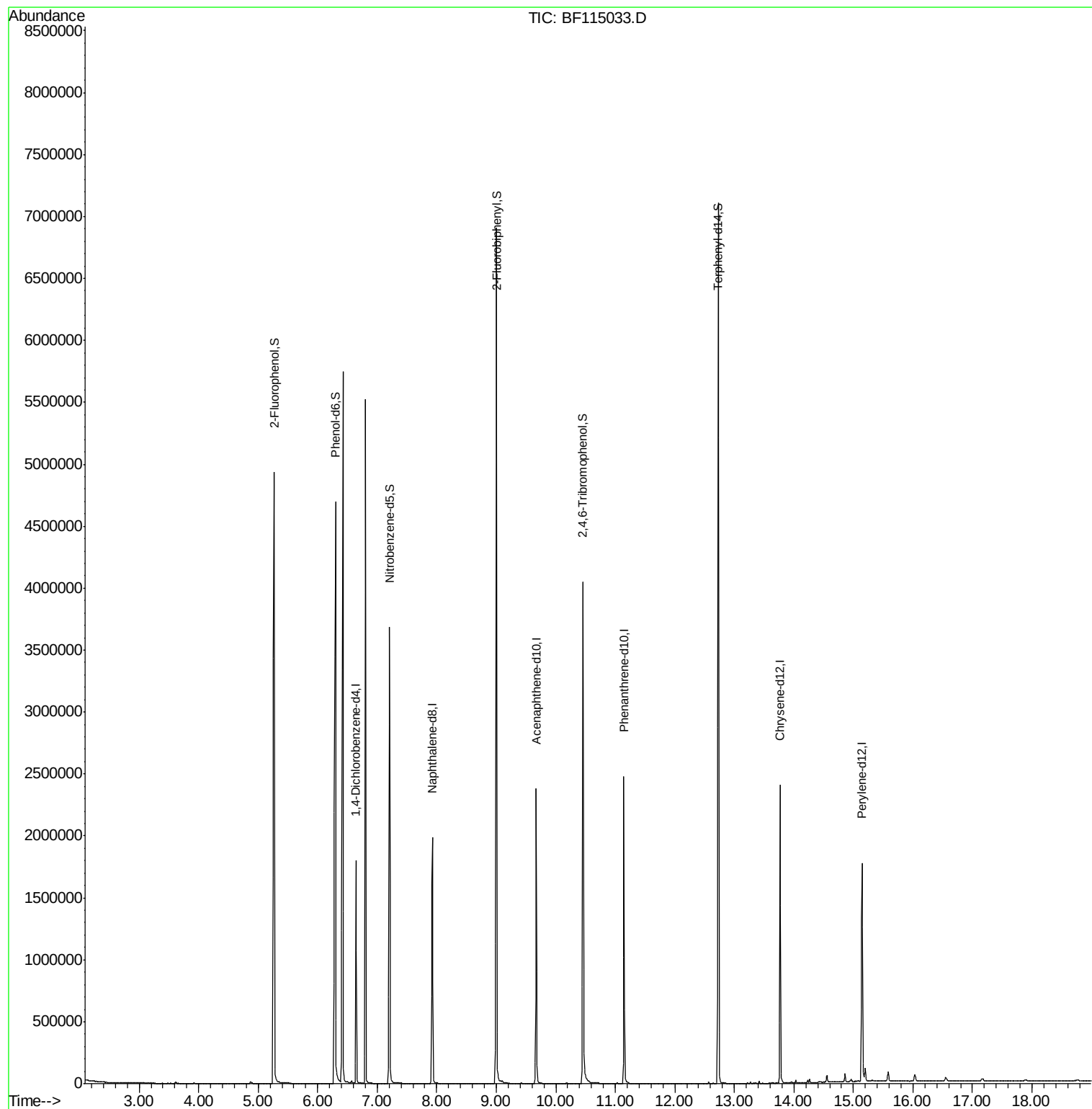
Target Compounds Qvalue

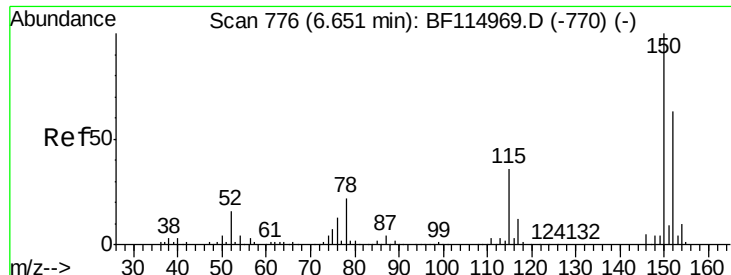
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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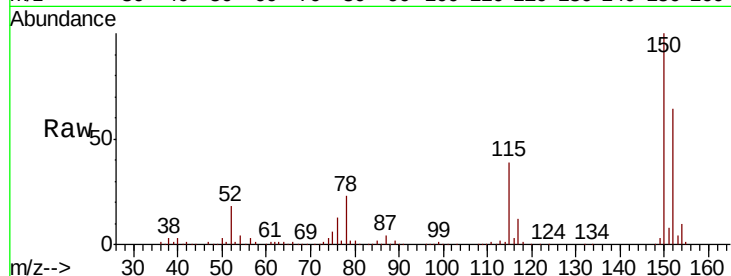


#1

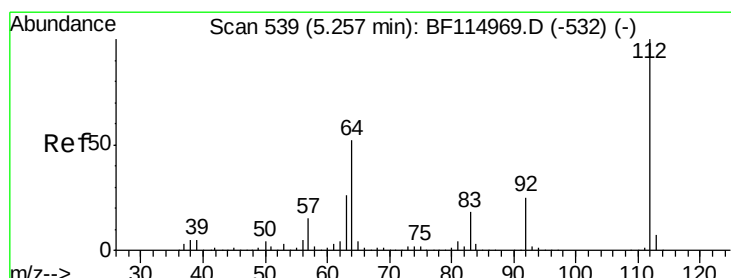
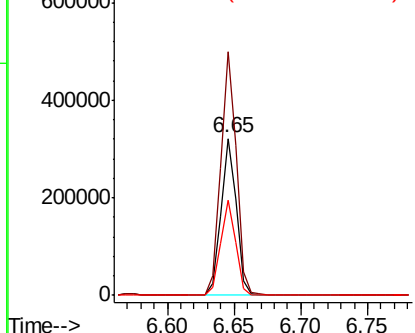
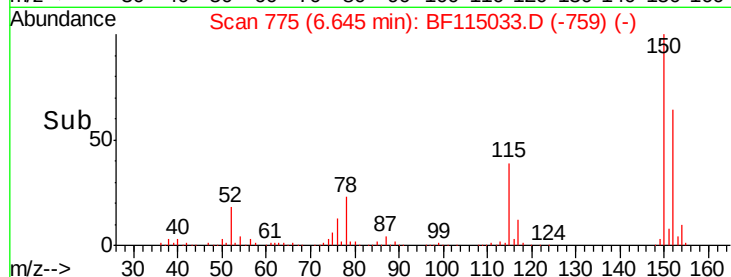
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115033.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB120556BL

Tot Ion:152 Resp: 264220
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 60.7 46.0 69.0



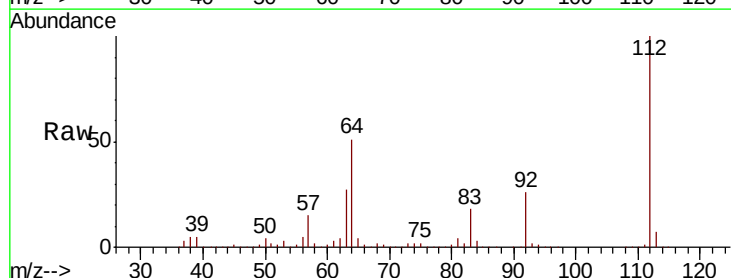
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



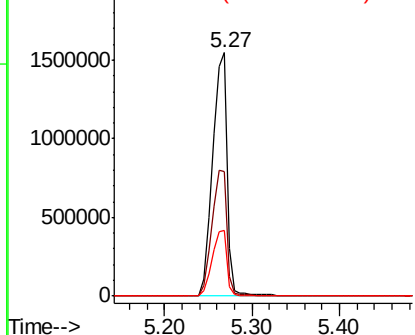
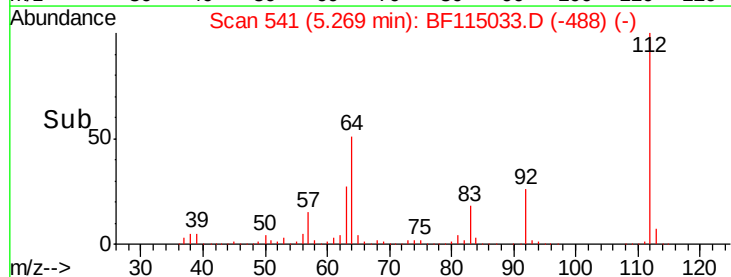
#5

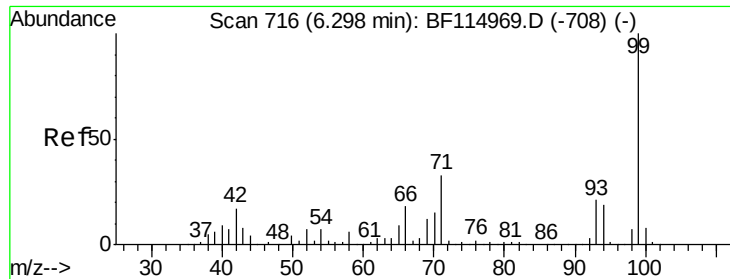
2-Fluorophenol
Concen: 114.420 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF115033.D
Acq: 14 Jun 2019 12:17

Tgt Ion:112 Resp: 1810539
Ion Ratio Lower Upper
112 100
64 51.0 41.6 62.4
63 26.9 20.9 31.3



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: 117.928 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB120556BL

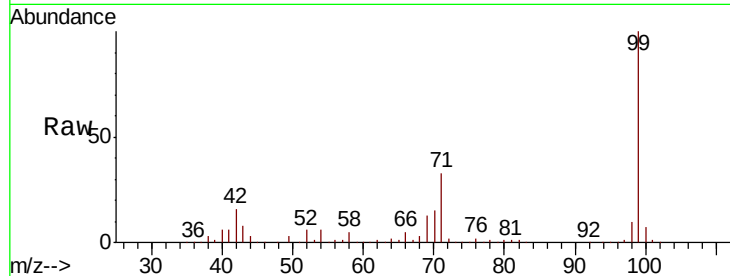
Tot Ion: 99 Resp: 2250978

Ion Ratio Lower Upper

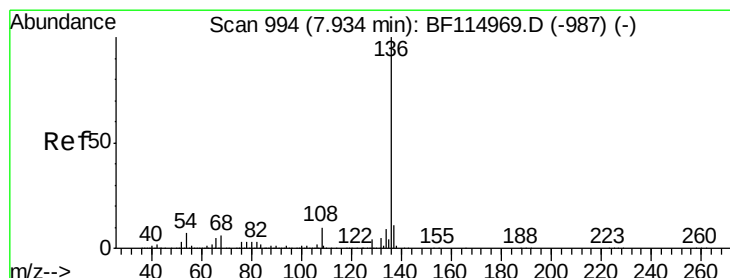
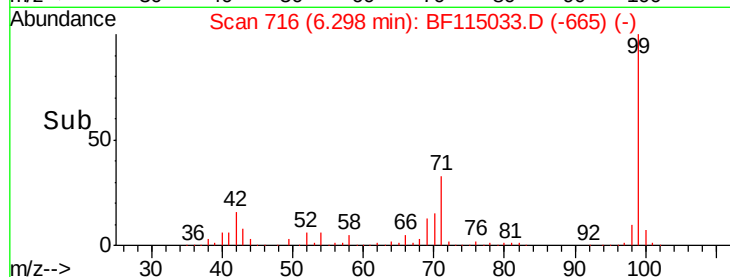
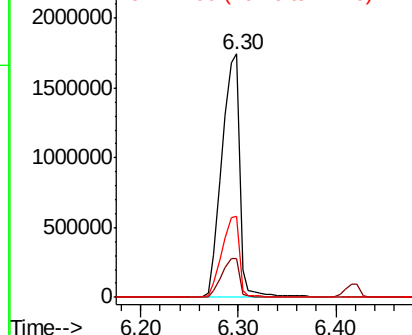
99 100

42 15.7 13.4 20.2

71 33.2 26.4 39.6



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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

Tgt Ion:136 Resp: 1035786

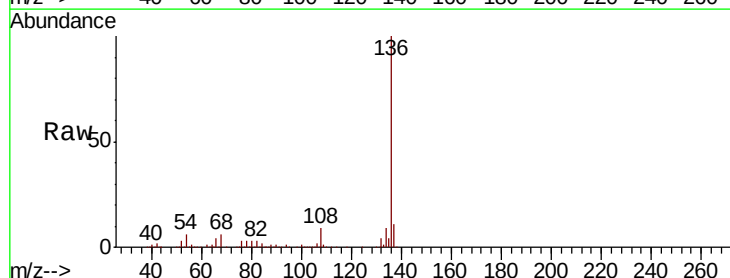
Ion Ratio Lower Upper

136 100

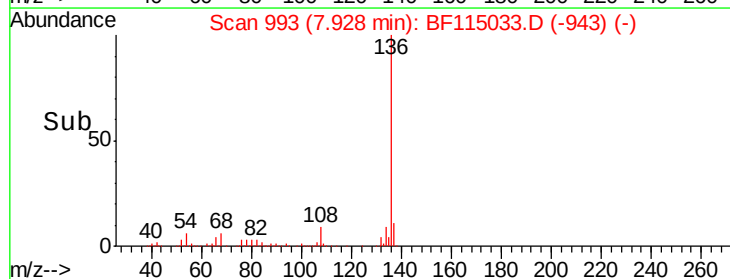
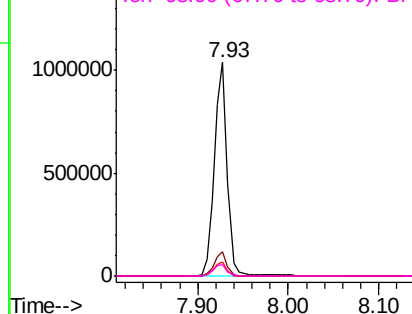
137 11.3 9.0 13.4

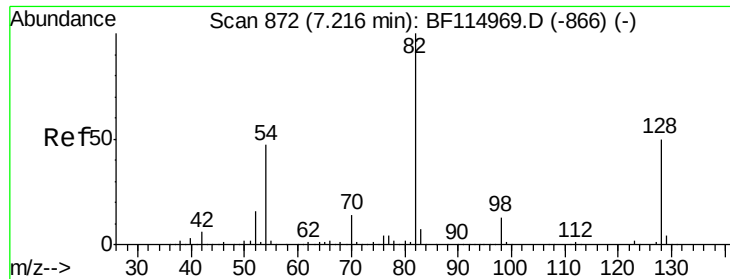
54 6.4 5.4 8.0

68 5.6 4.6 7.0



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

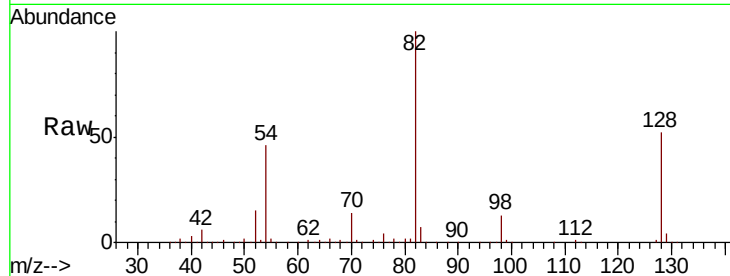




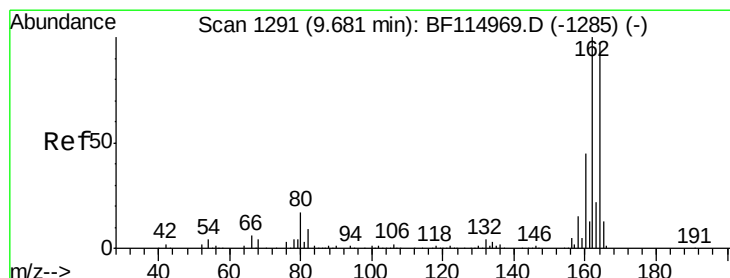
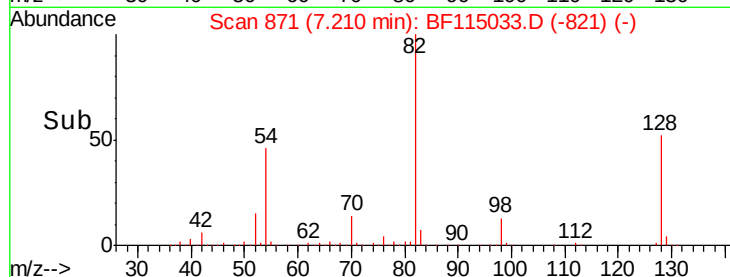
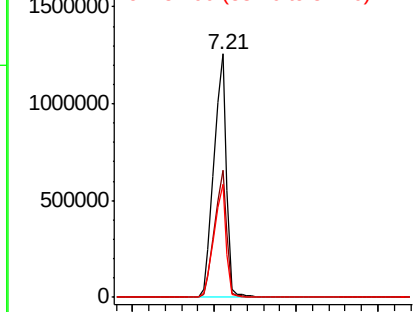
#23
 Nitrobenzene-d5
 Concen: 79.252 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115033.D
 Acq: 14 Jun 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120556BL

Tot Ion: 82 Resp: 1363769
 Ion Ratio Lower Upper
 82 100
 128 52.3 39.9 59.9
 54 46.3 37.3 55.9

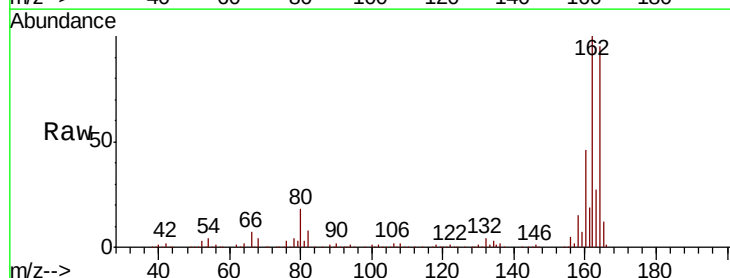


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

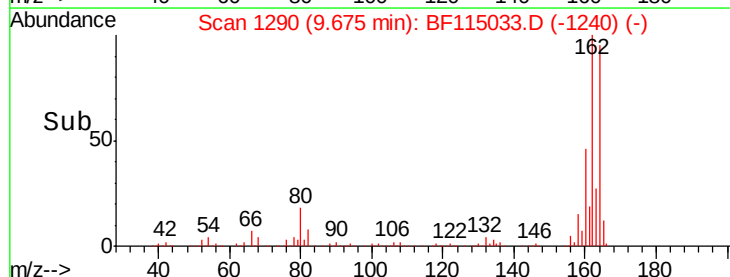
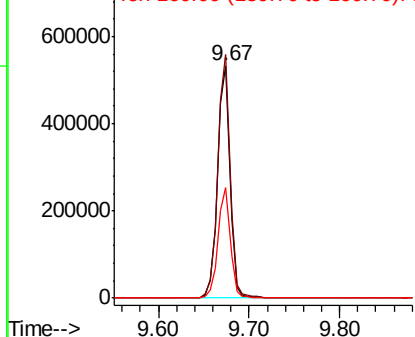


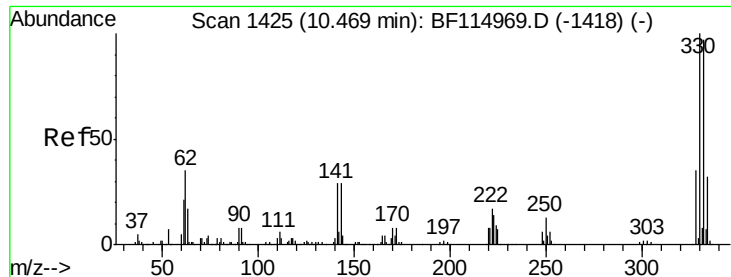
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115033.D
 Acq: 14 Jun 2019 12:17

Tgt Ion:164 Resp: 501356
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 124.0
 160 47.7 36.9 55.3



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: 118.292 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB120556BL

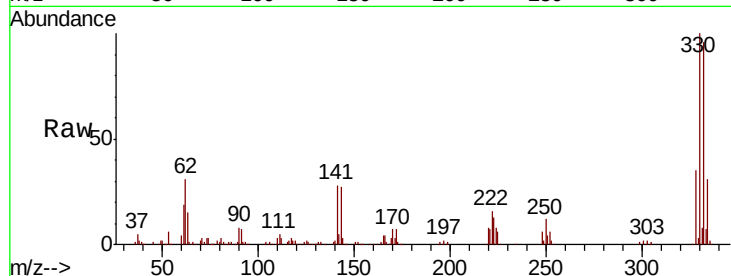
Tot Ion:330 Resp: 635088

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

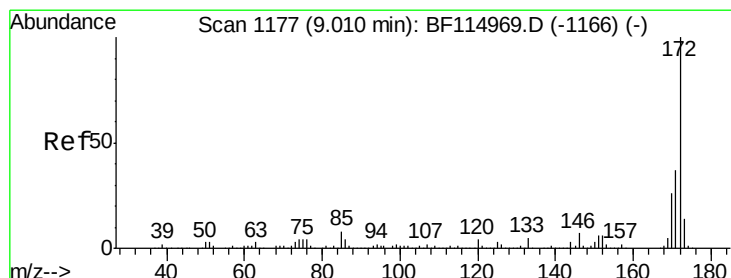
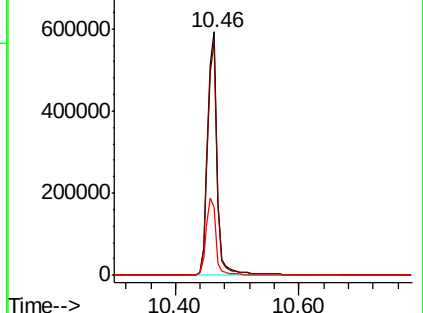
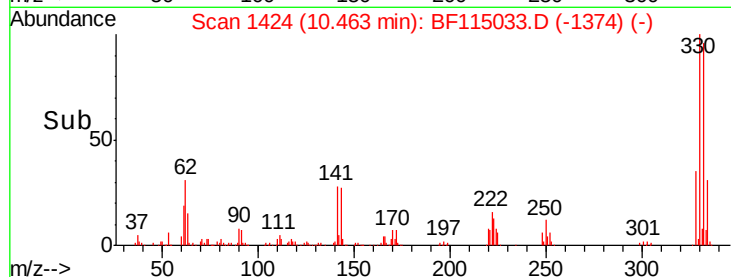
141 33.2 27.2 40.8



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: 86.184 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

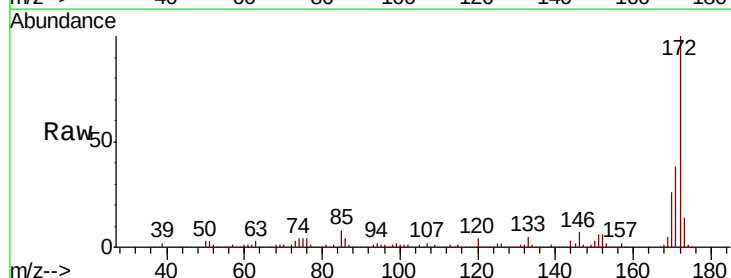
Tgt Ion:172 Resp: 2549436

Ion Ratio Lower Upper

172 100

171 38.2 29.8 44.6

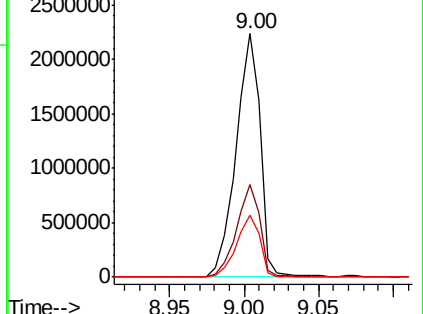
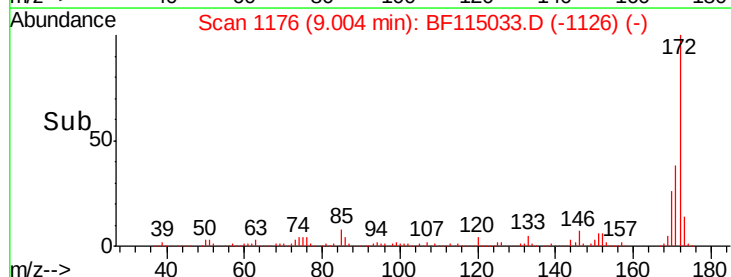
170 25.6 20.6 31.0

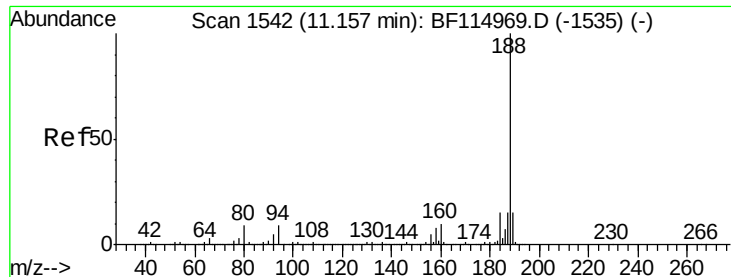


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB120556BL

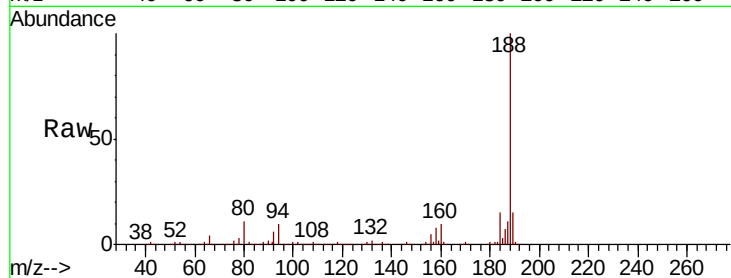
Tot Ion:188 Resp: 1003246

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

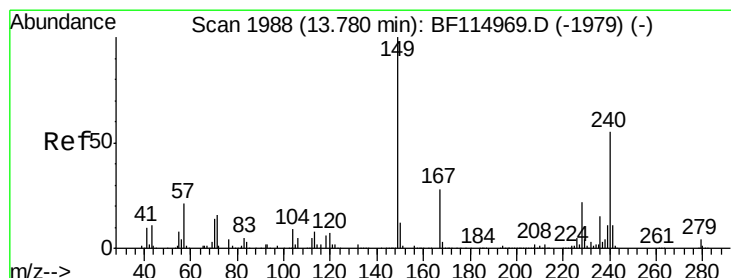
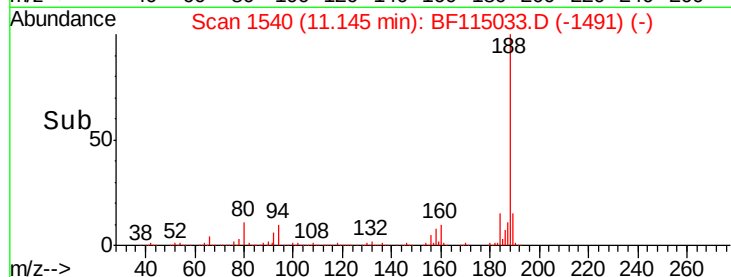
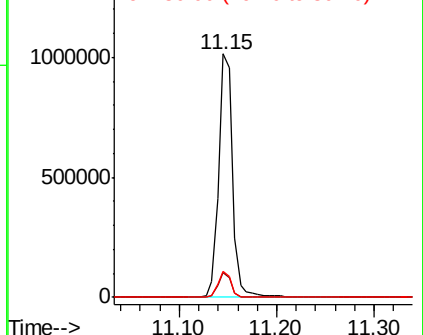
80 10.9 7.4 11.2



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: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

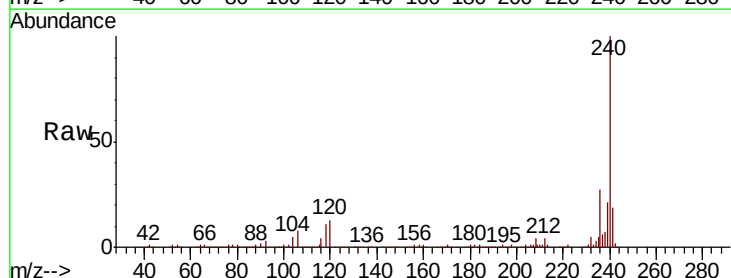
Tgt Ion:240 Resp: 798139

Ion Ratio Lower Upper

240 100

120 12.8 10.0 15.0

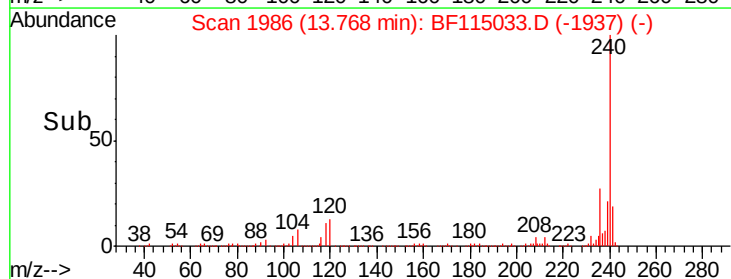
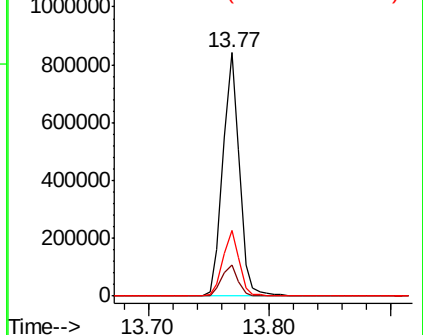
236 26.8 21.6 32.4

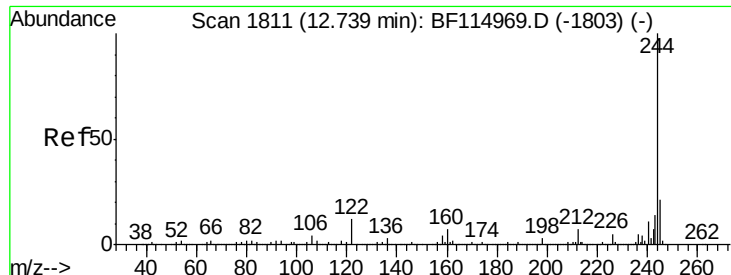


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

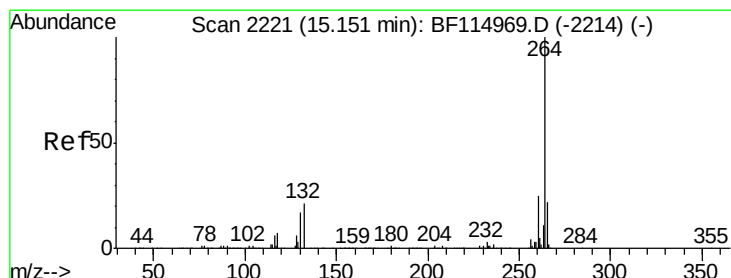
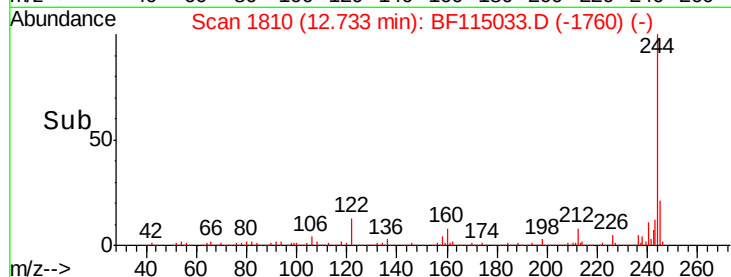
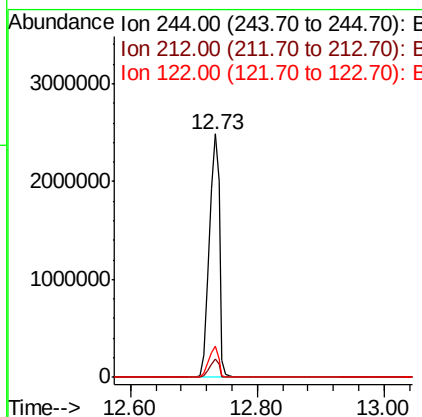
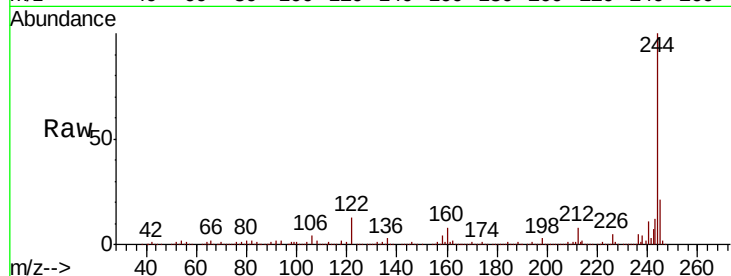




#79
 Terphenyl-d14
 Concen: 66.438 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115033.D
 Acq: 14 Jun 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120556BL

Tot Ion:244 Resp: 2819278
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 12.6 9.4 14.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115033.D
 Acq: 14 Jun 2019 12:17

Tgt Ion:264 Resp: 778477
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.9 29.9
 265 21.8 17.6 26.4

