

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
 Data File : BF121599.D
 Acq On : 17 Sep 2020 15:53
 Operator : JU/CG
 Sample : PB131684BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

Quant Time: Sep 17 16:39:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173852	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	689566	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	362684	20.00	ng	-0.02
64) Phenanthrene-d10	11.34	188	688288	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	633866	20.00	ng	-0.02
86) Perylene-d12	15.43	264	591421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1093833	93.50	ng	0.01
7) Phenol-d6	6.46	99	1388396	90.46	ng	0.00
23) Nitrobenzene-d5	7.38	82	983551	76.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	454576	100.84	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1708557	71.35	ng	-0.01
79) Terphenyl-d14	12.93	244	1931504	61.73	ng	-0.01

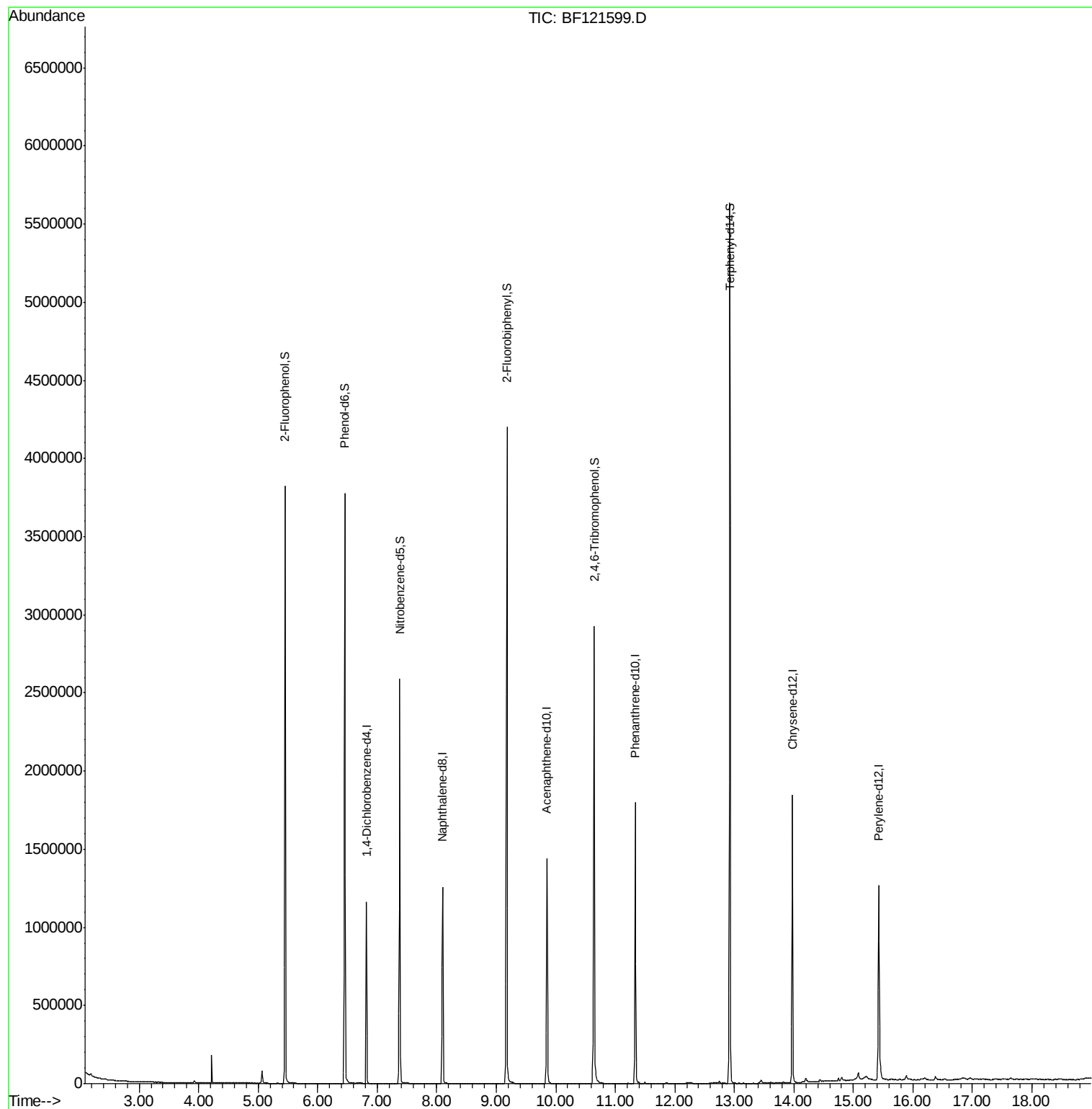
Target Compounds Qvalue

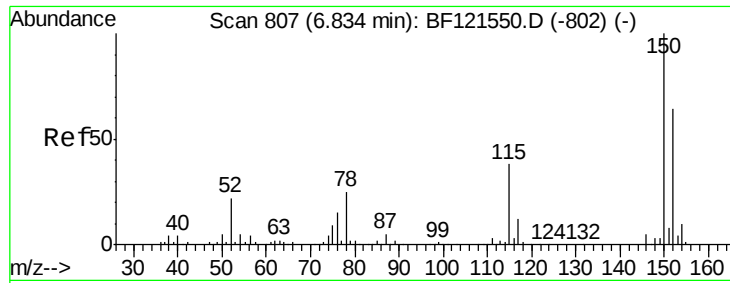
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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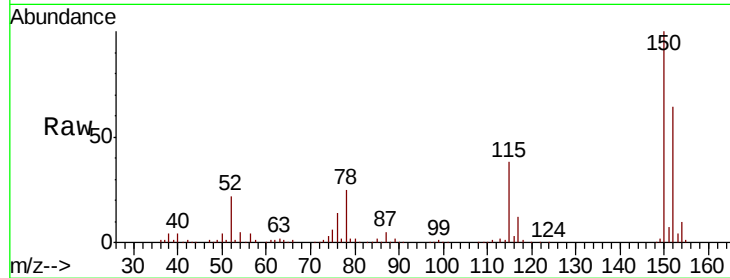


#1

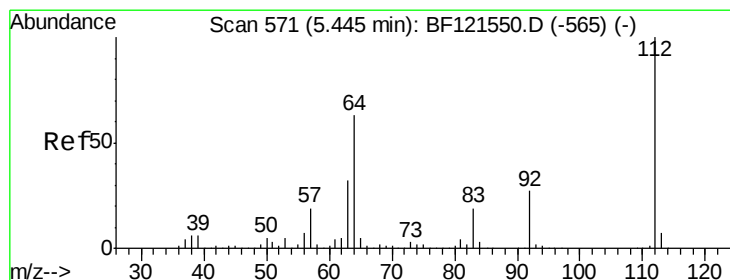
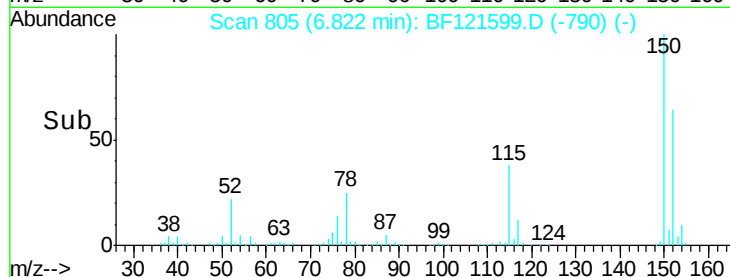
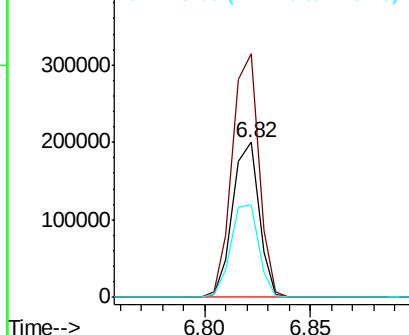
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121599.D
Acq: 17 Sep 2020 15:53

Instrument :
BNA_F
ClientSampleId :
PB131684BL

Tot Ion:152 Resp: 173852
Ion Ratio Lower Upper
152 100
150 157.1 125.8 188.6
115 59.9 47.8 71.8



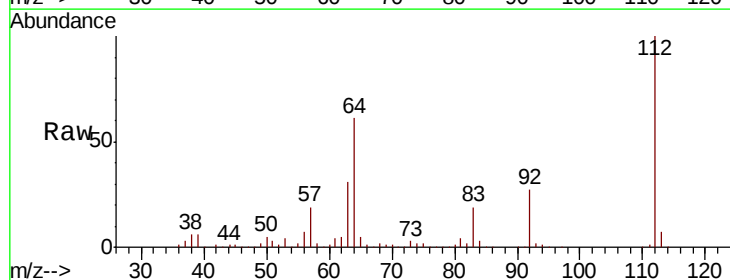
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



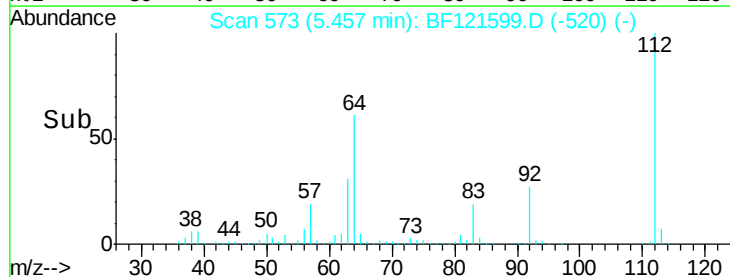
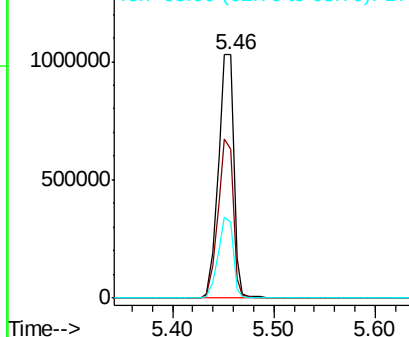
#5

2-Fluorophenol
Concen: 93.503 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF121599.D
Acq: 17 Sep 2020 15:53

Tgt Ion:112 Resp: 1093833
Ion Ratio Lower Upper
112 100
64 60.9 50.3 75.5
63 30.9 25.6 38.4



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: 90.464 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121599.D

Acq: 17 Sep 2020 15:53

Instrument :

BNA_F

ClientSampleId :

PB131684BL

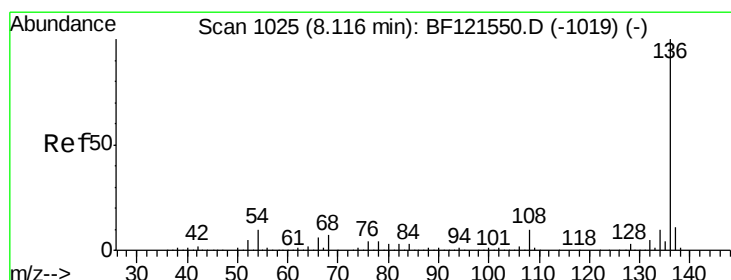
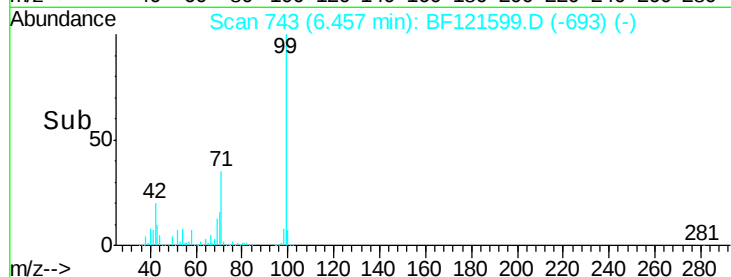
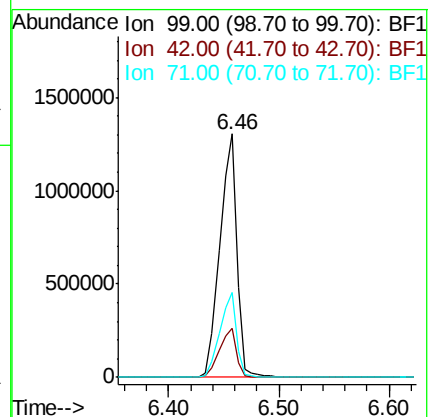
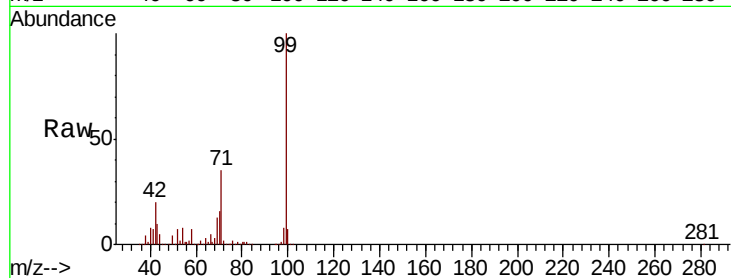
Tot Ion: 99 Resp: 1388396

Ion Ratio Lower Upper

99 100

42 19.9 15.5 23.3

71 35.1 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF121599.D

Acq: 17 Sep 2020 15:53

Tgt Ion: 136 Resp: 689566

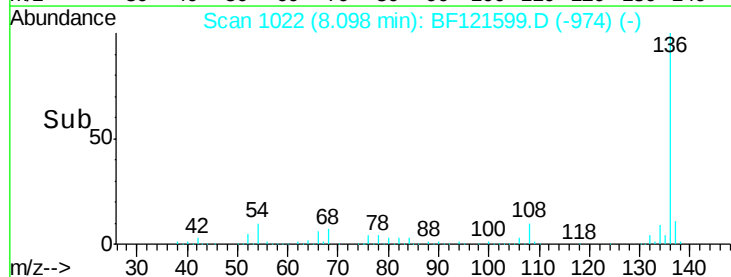
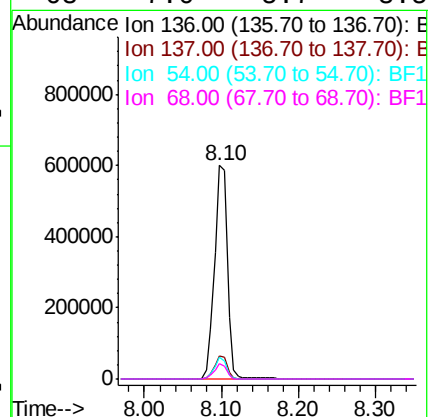
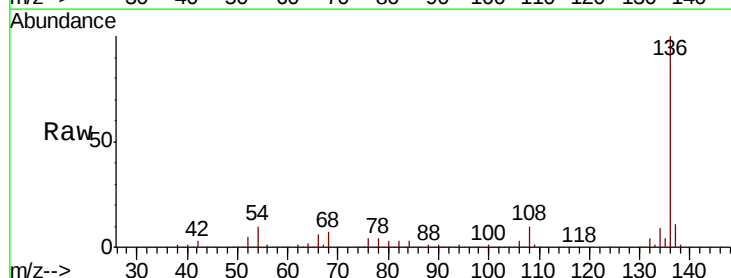
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 10.0 7.6 11.4

68 7.0 5.7 8.5

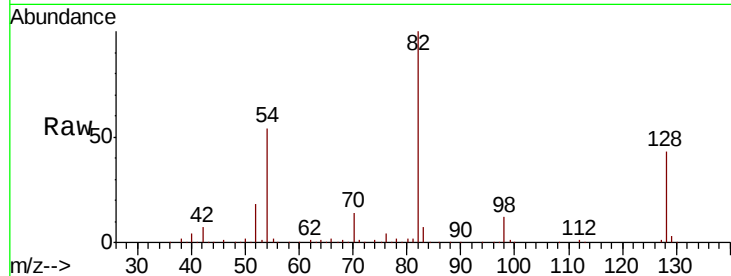




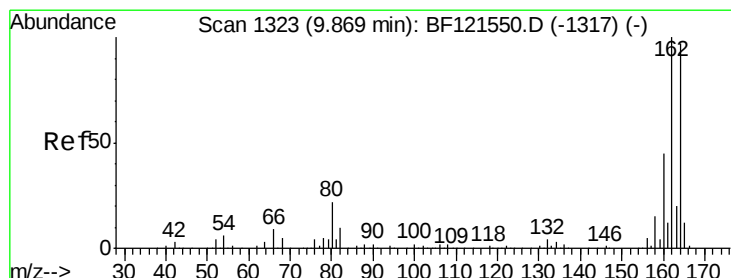
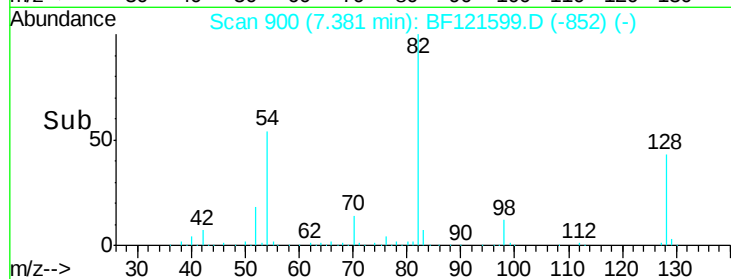
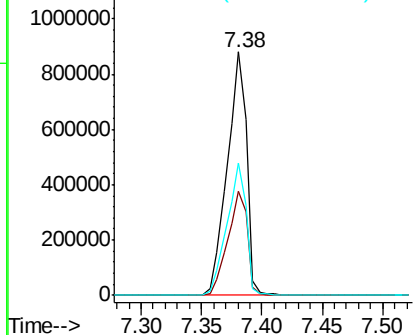
#23
Nitrobenzene-d5
Concen: 76.582 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF121599.D
Acq: 17 Sep 2020 15:53

Instrument :
BNA_F
ClientSampleId :
PB131684BL

Tot Ion: 82 Resp: 983551
Ion Ratio Lower Upper
82 100
128 42.6 35.1 52.7
54 54.1 43.0 64.6

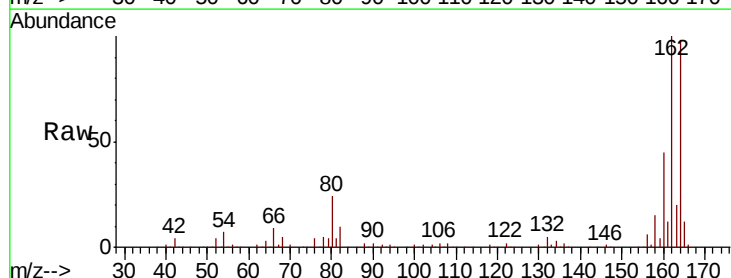


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

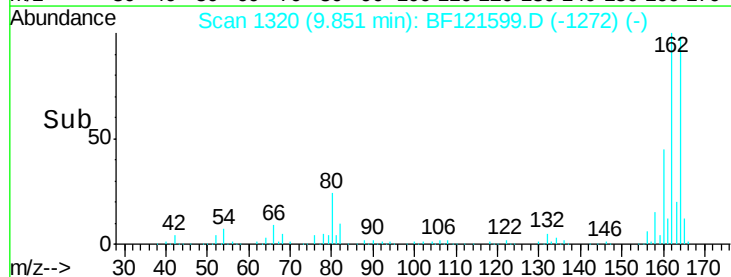
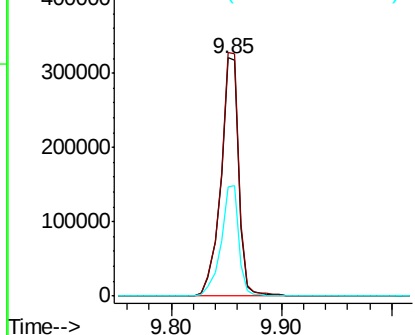


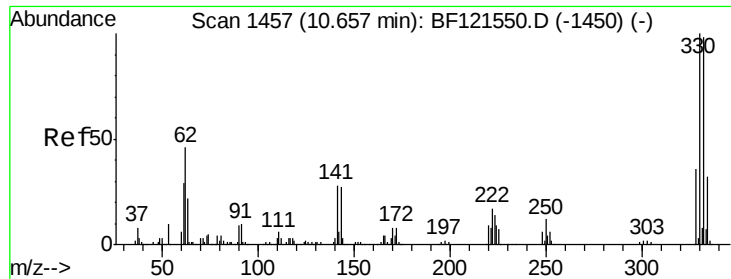
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF121599.D
Acq: 17 Sep 2020 15:53

Tgt Ion: 164 Resp: 362684
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 45.9 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

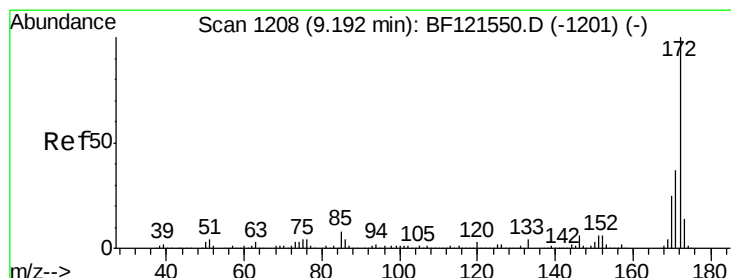
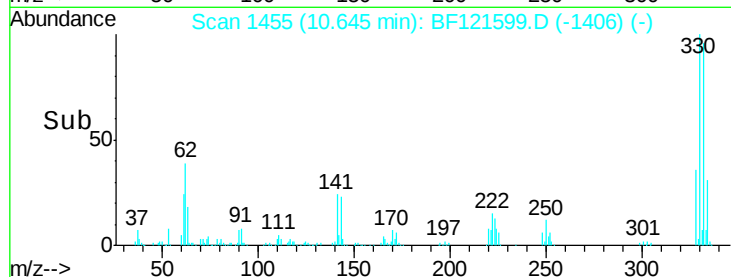
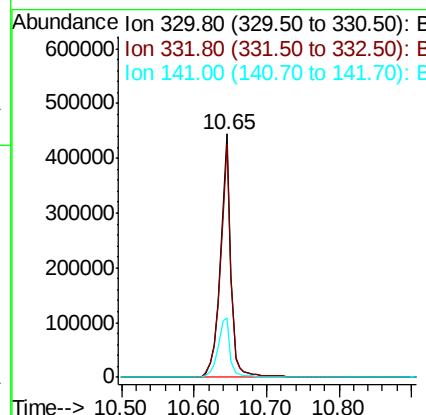
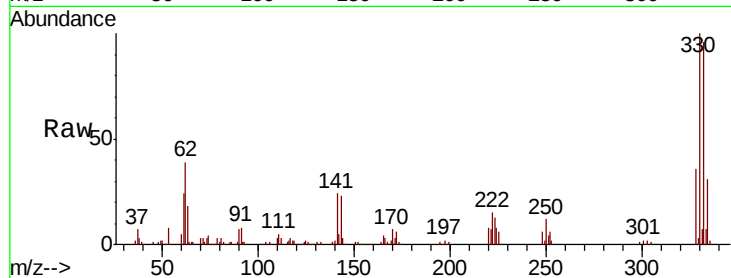




#42
 2,4,6-Tribromophenol
 Concen: 100.845 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

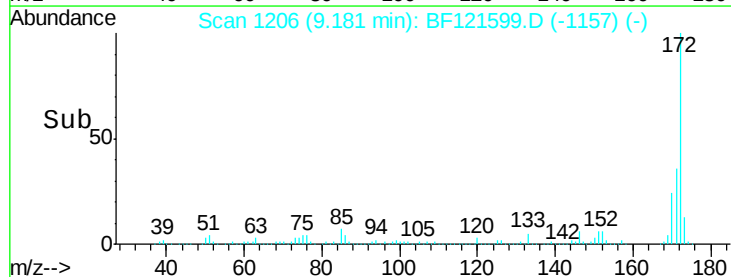
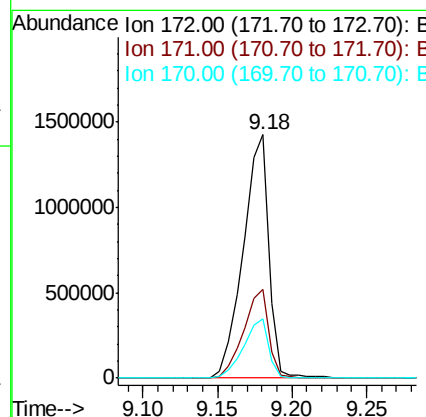
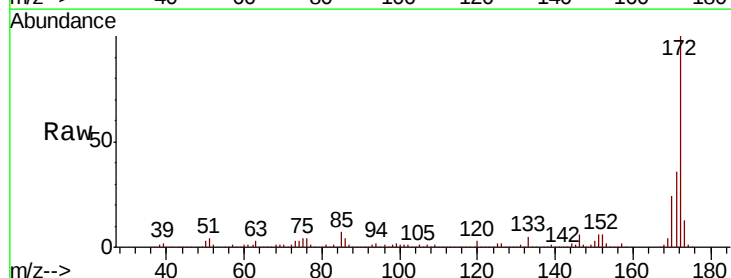
Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

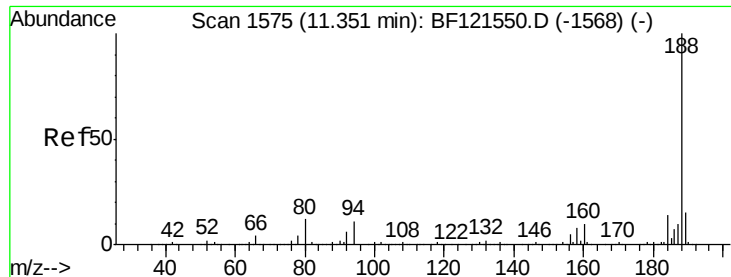
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	28.3	23.6	35.4



#45
 2-Fluorobiphenyl
 Concen: 71.348 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.3	19.8	29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF121599.D

Acq: 17 Sep 2020 15:53

Instrument :

BNA_F

ClientSampleId :

PB131684BL

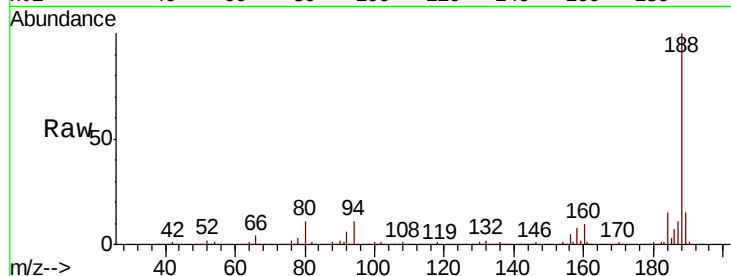
Tot Ion:188 Resp: 688288

Ion Ratio Lower Upper

188 100

94 10.6 8.7 13.1

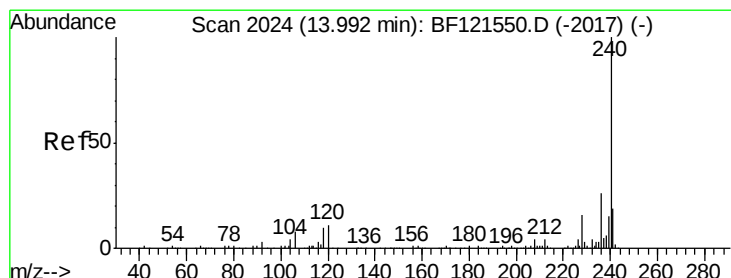
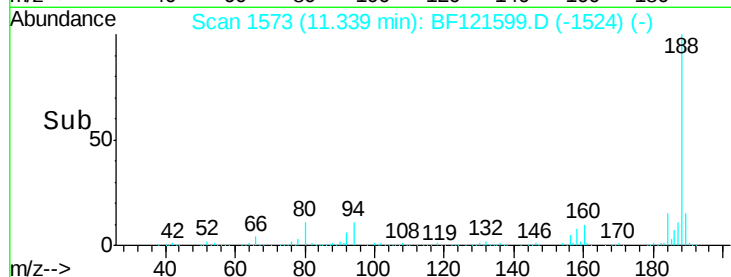
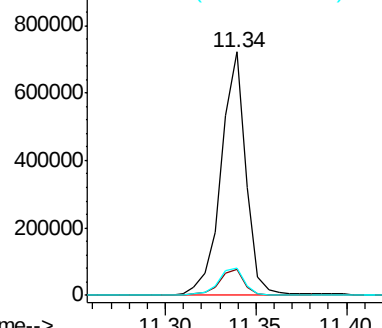
80 11.3 9.3 13.9



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: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF121599.D

Acq: 17 Sep 2020 15:53

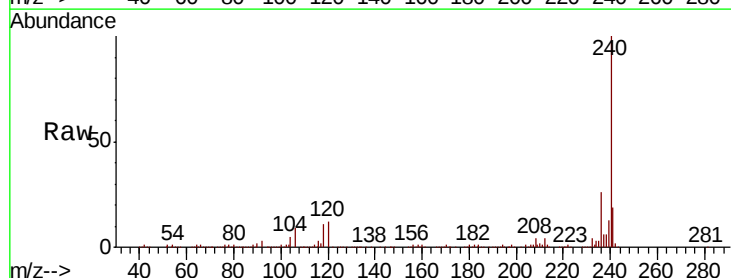
Tgt Ion:240 Resp: 633866

Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

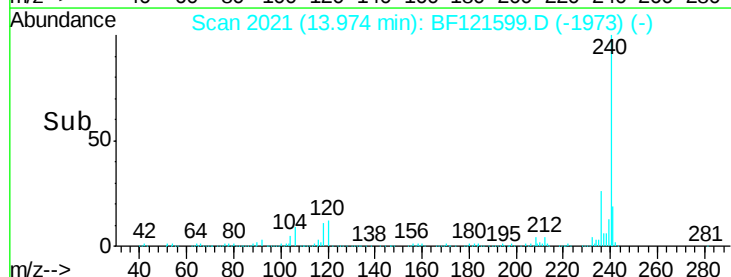
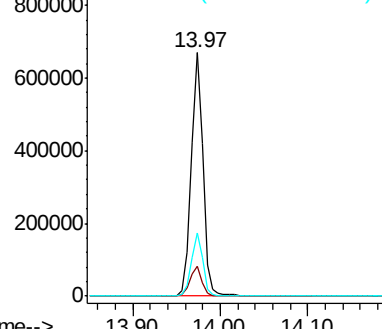
236 25.9 20.5 30.7



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: 61.733 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF121599.D

Acq: 17 Sep 2020 15:53

Instrument :

BNA_F

ClientSampleId :

PB131684BL

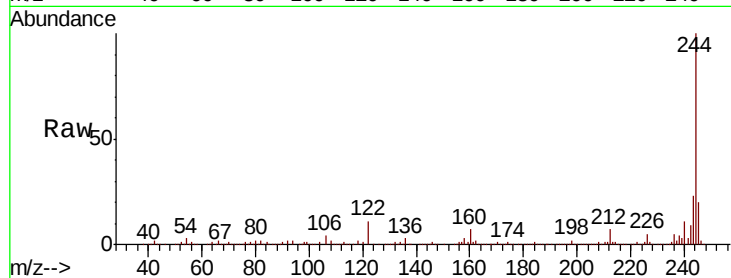
Tot Ion:244 Resp: 1931504

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

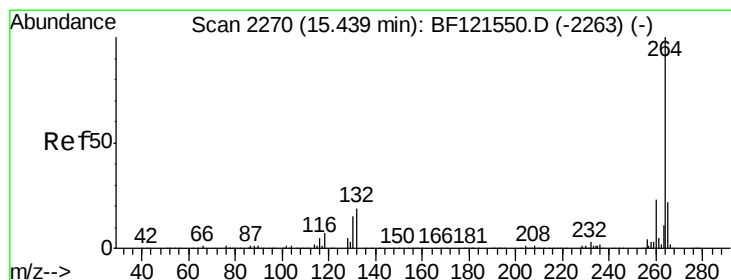
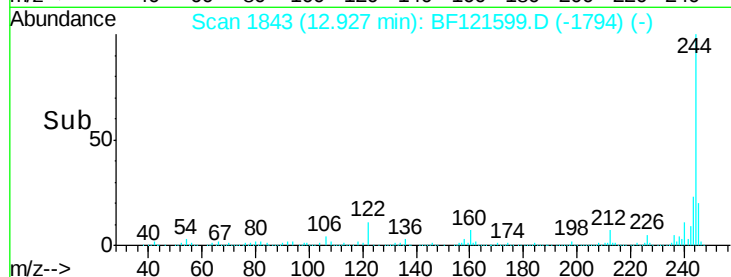
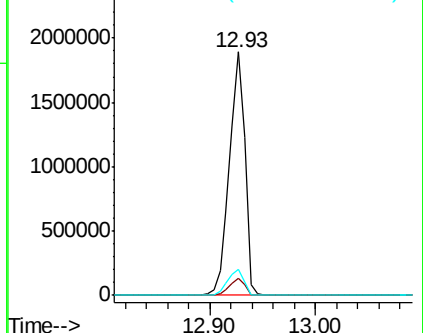
122 10.8 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF121599.D

Acq: 17 Sep 2020 15:53

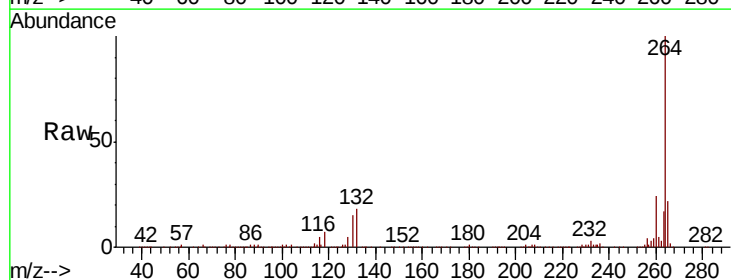
Tgt Ion:264 Resp: 591421

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.7 17.8 26.6



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

