

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118736.D
 Acq On : 29 Jan 2020 17:27
 Operator : CG/JU
 Sample : PB126434TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126434TB

Quant Time: Jan 30 00:58:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

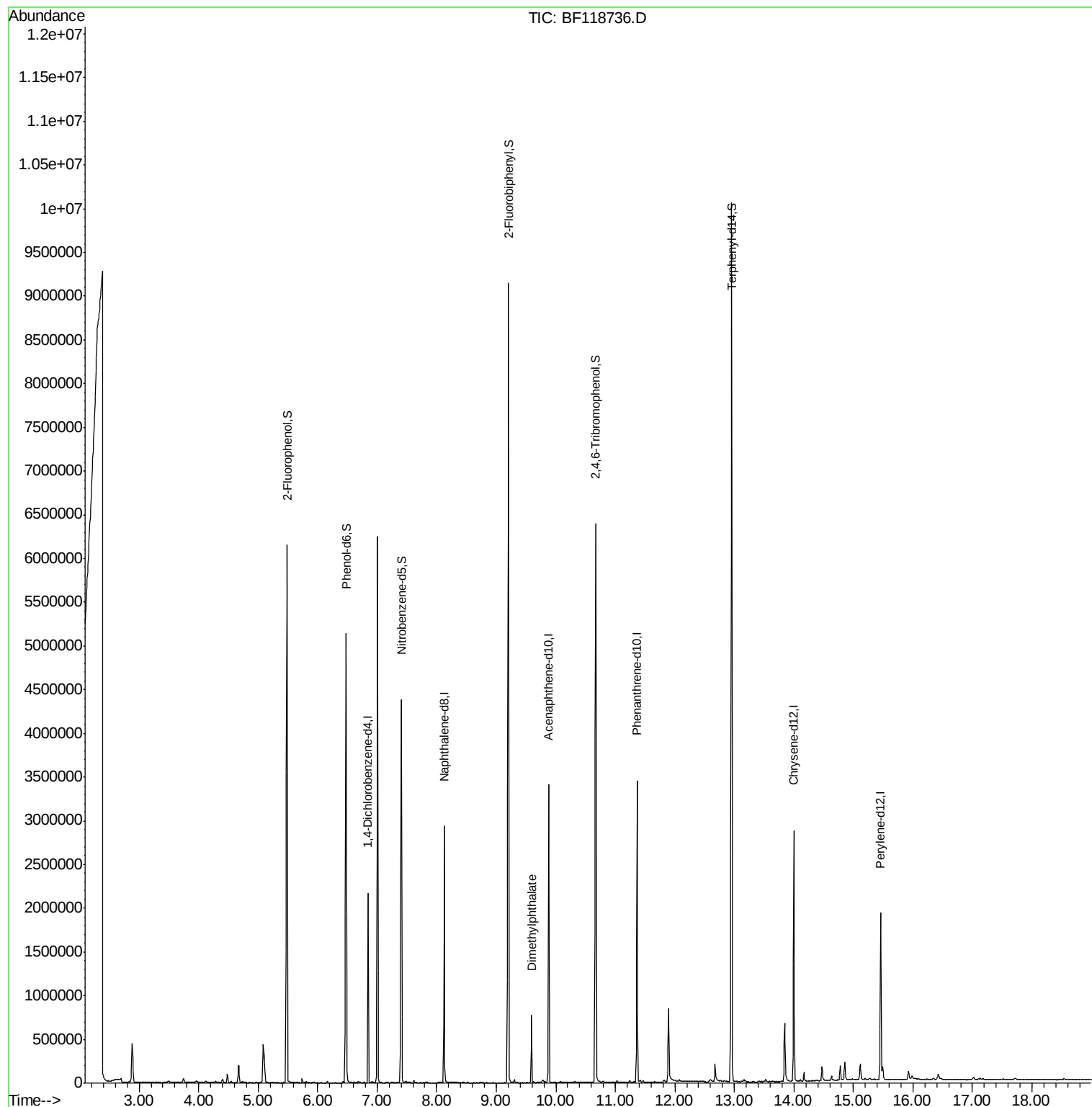
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	345119	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1290588	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	736361	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1393134	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	1015462	20.00	ng	-0.02
87) Perylene-d12	15.46	264	927137	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1968259	105.92	ng	0.00
7) Phenol-d6	6.48	99	2222238	92.01	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1733094	75.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	1073662	126.06	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3359597	74.99	ng	-0.02
79) Terphenyl-d14	12.96	244	4328160	92.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	311868	6.501	ng	Qvalue 99

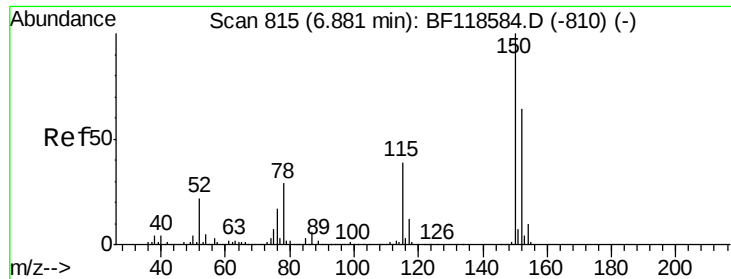
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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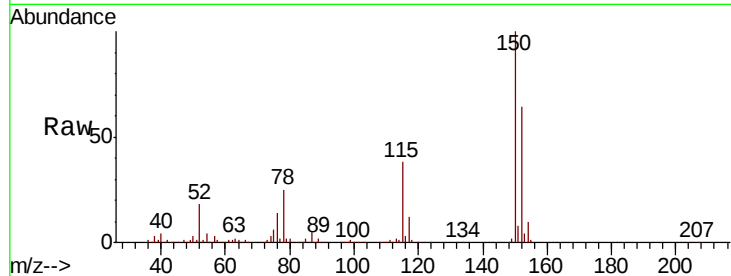


#1

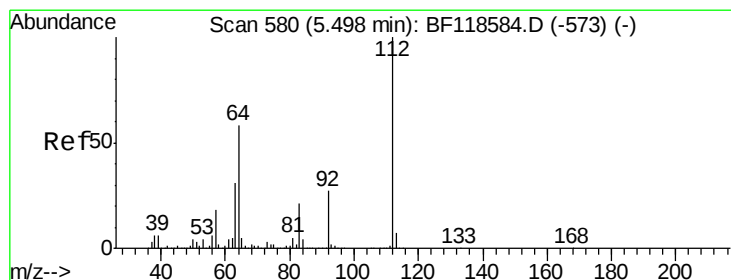
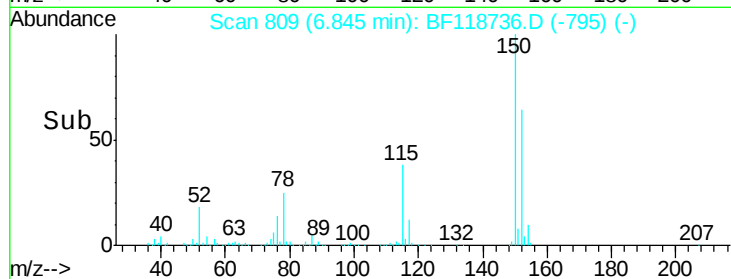
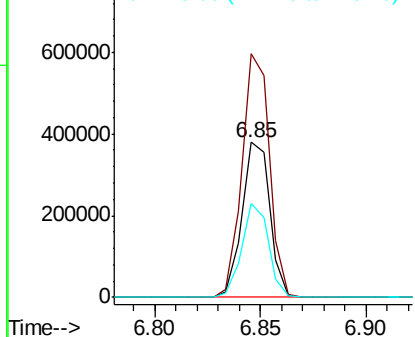
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF118736.D
Acq: 29 Jan 2020 17:27

Instrument :
BNA_F
ClientSampleId :
PB126434TB

Tot Ion:152 Resp: 345119
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 60.3 45.1 67.7



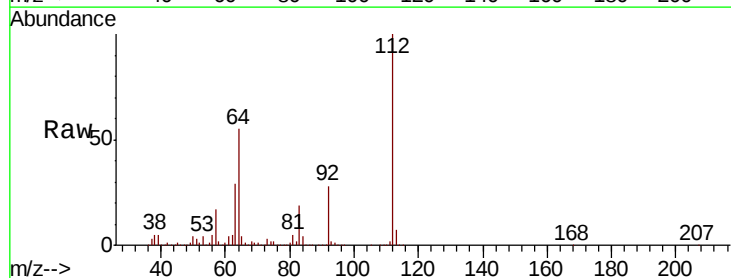
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



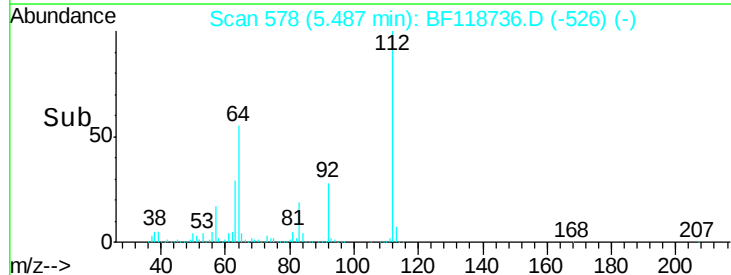
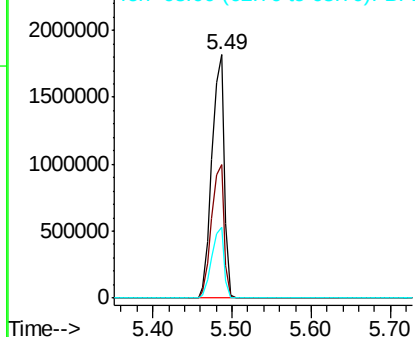
#5

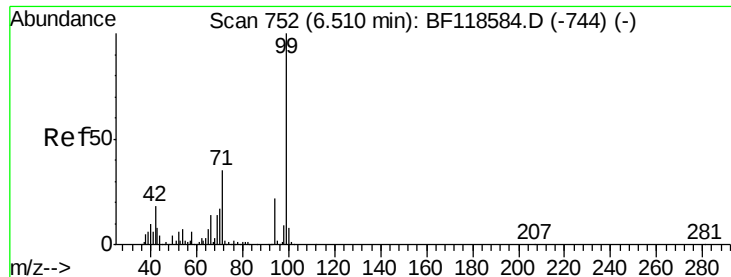
2-Fluorophenol
Concen: 105.922 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118736.D
Acq: 29 Jan 2020 17:27

Tgt Ion:112 Resp: 1968259
Ion Ratio Lower Upper
112 100
64 54.8 42.4 63.6
63 29.1 21.7 32.5



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: 92.010 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Instrument :

BNA_F

ClientSampleId :

PB126434TB

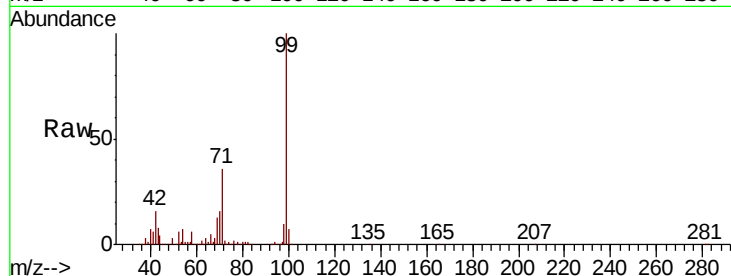
Tot Ion: 99 Resp: 2222238

Ion Ratio Lower Upper

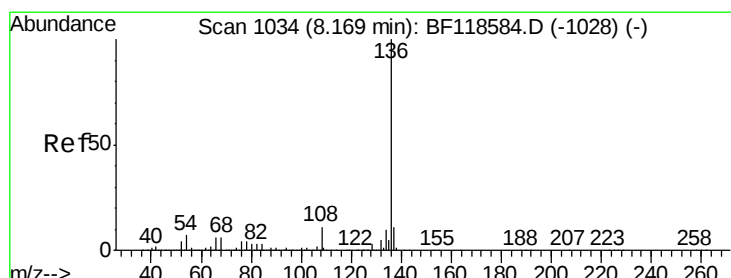
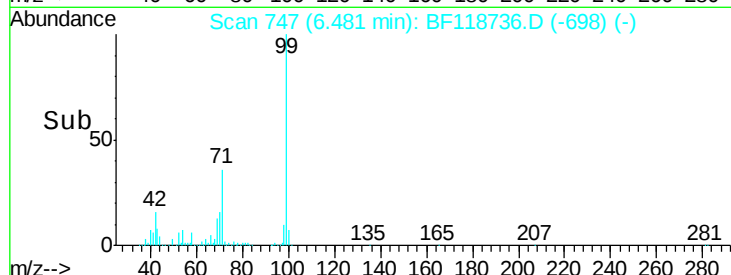
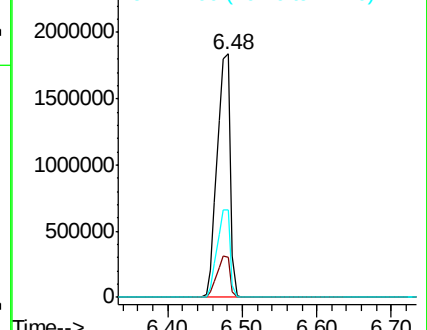
99 100

42 16.4 13.1 19.7

71 35.9 28.4 42.6



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: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Tgt Ion: 136 Resp: 1290588

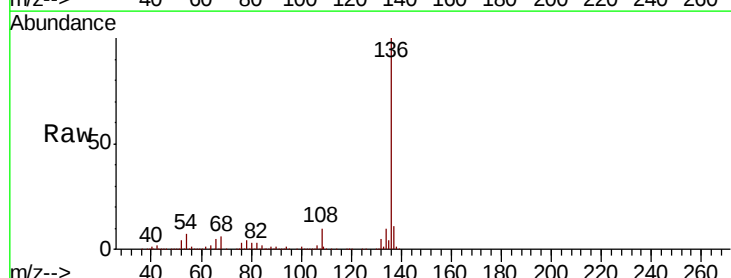
Ion Ratio Lower Upper

136 100

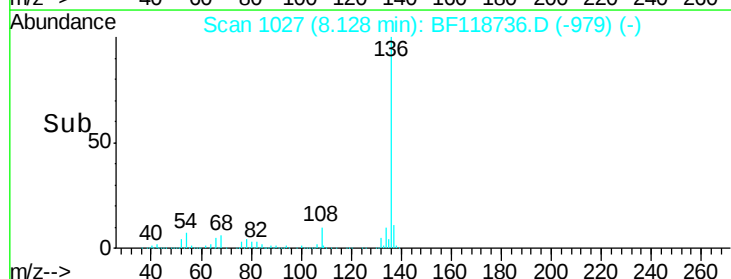
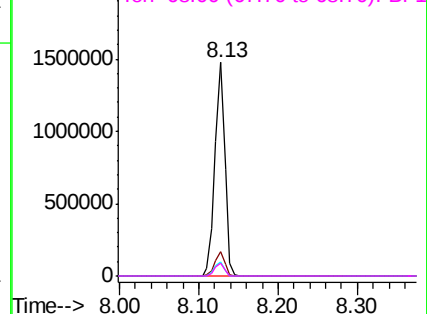
137 11.4 8.9 13.3

54 6.6 5.1 7.7

68 5.7 4.3 6.5



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: 75.112 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Instrument :

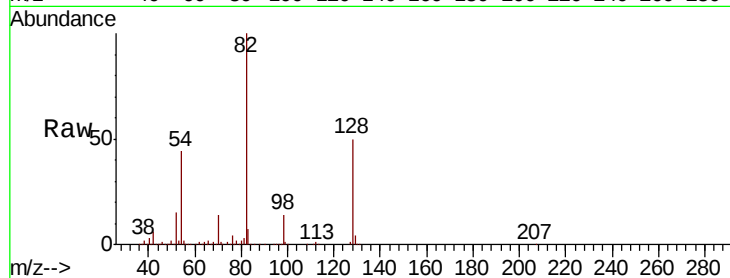
BNA_F

ClientSampleId :

PB126434TB

Tot Ion: 82 Resp: 1733094

Ion	Ratio	Lower	Upper
82	100		
128	50.3	38.2	57.2
54	44.3	36.1	54.1

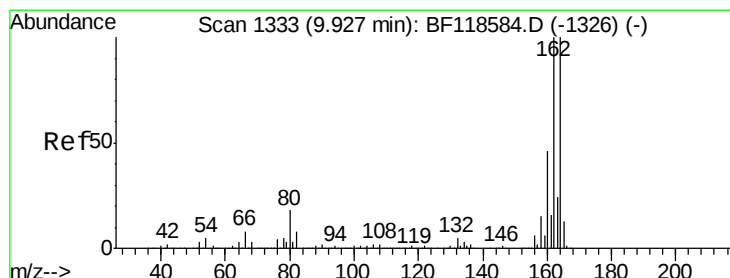
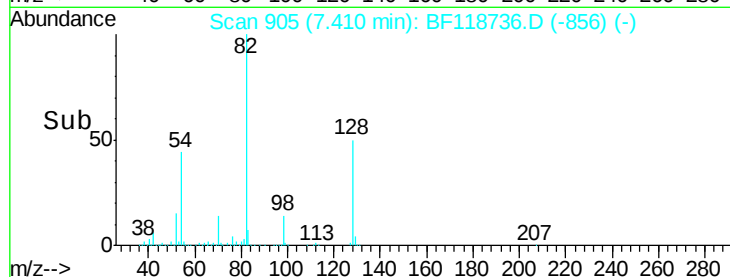
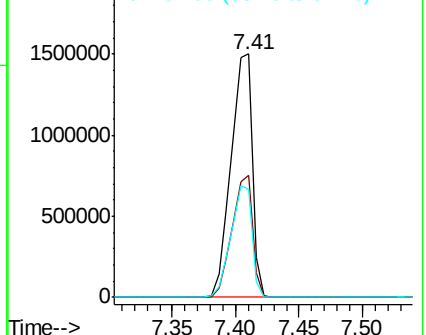


Abundance

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: 9.88 min Scan# 1325

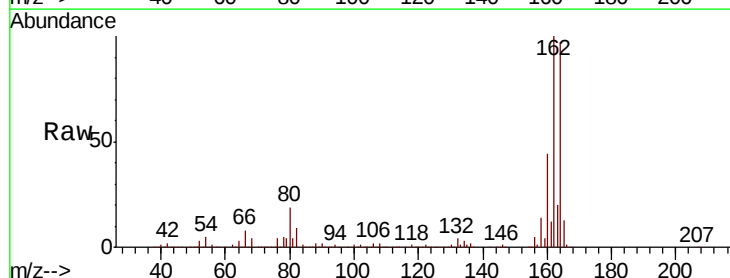
Delta R.T. -0.02 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Tgt Ion: 164 Resp: 736361

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.8	121.2
160	45.4	35.4	53.0

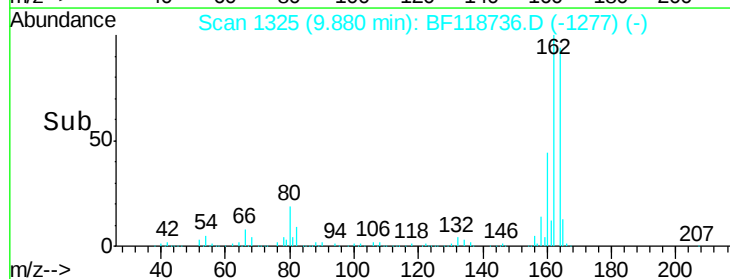
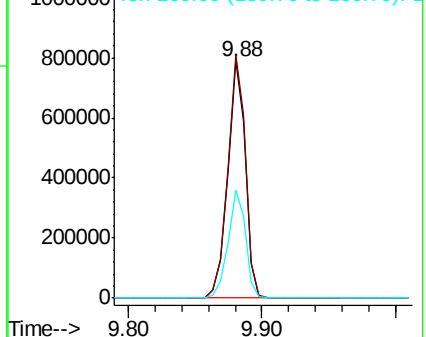


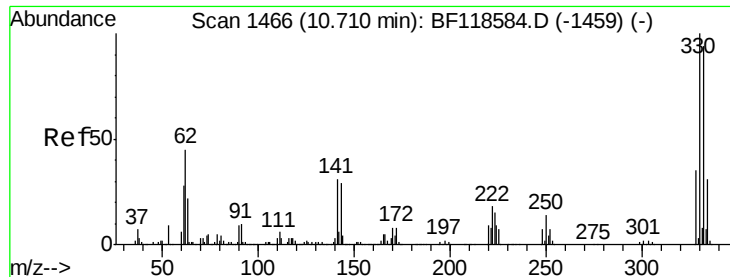
Abundance

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

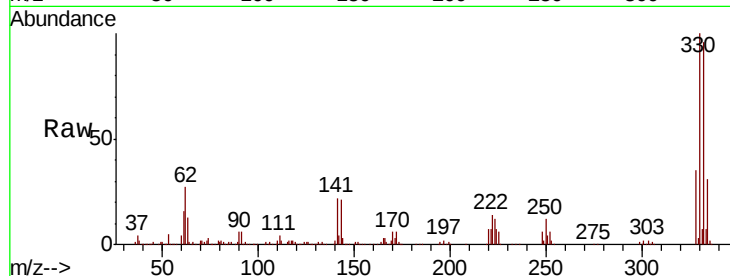




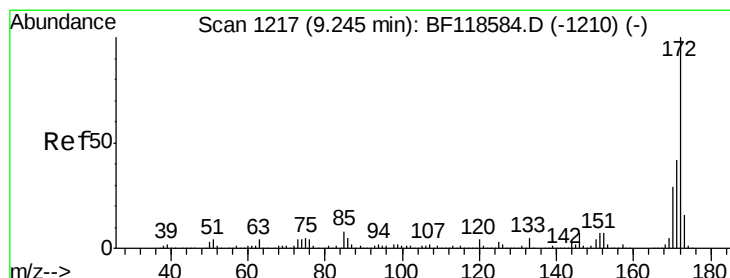
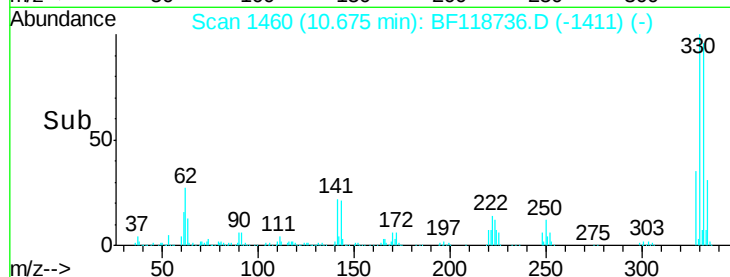
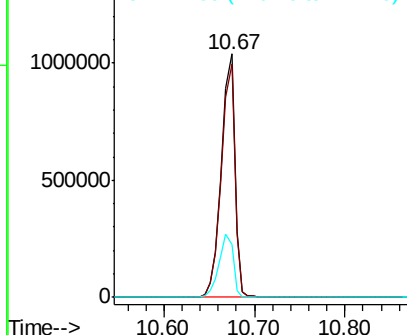
#42
 2,4,6-Tribromophenol
 Concen: 126.062 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF118736.D
 Acq: 29 Jan 2020 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB126434TB

Tot Ion:330 Resp: 1073662
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.6 116.4
 141 26.9 22.2 33.2

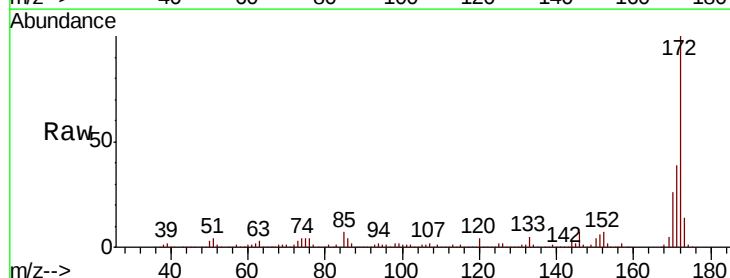


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

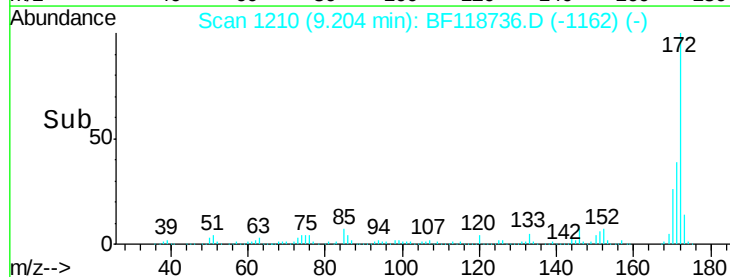
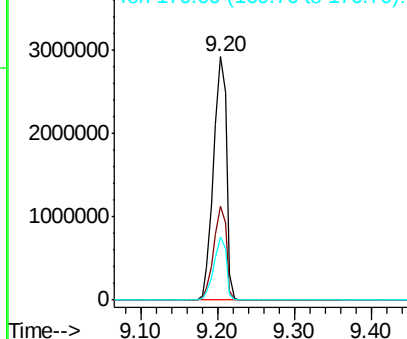


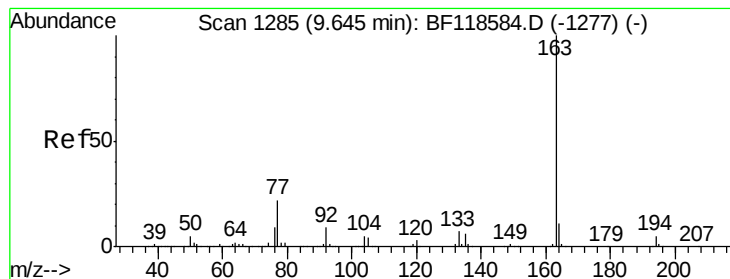
#45
 2-Fluorobiphenyl
 Concen: 74.989 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF118736.D
 Acq: 29 Jan 2020 17:27

Tgt Ion:172 Resp: 3359597
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.0 46.4
 170 25.8 20.7 31.1



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





#50

Dimethylphthalate

Concen: 6.501 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.03 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Instrument :

BNA_F

ClientSampleId :

PB126434TB

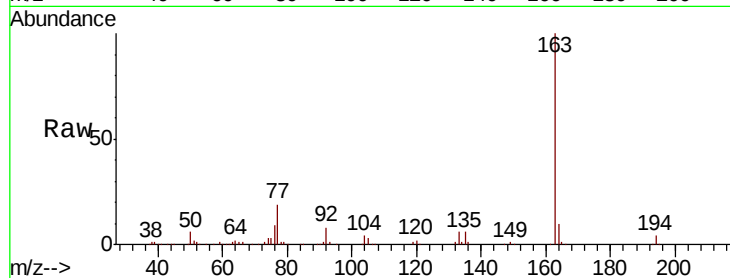
Tot Ion:163 Resp: 311868

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

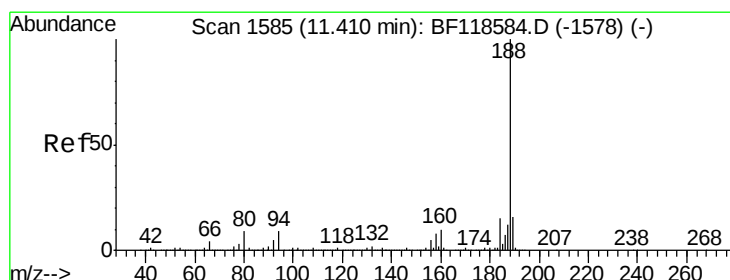
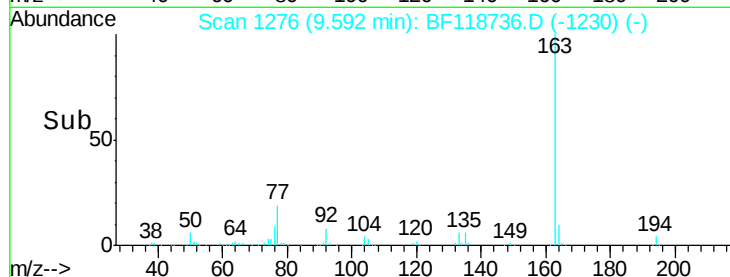
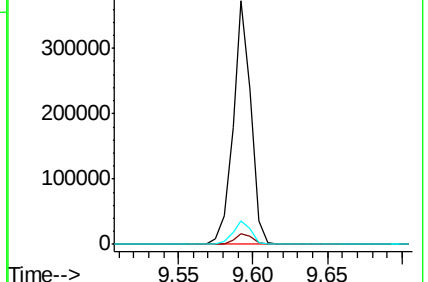
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

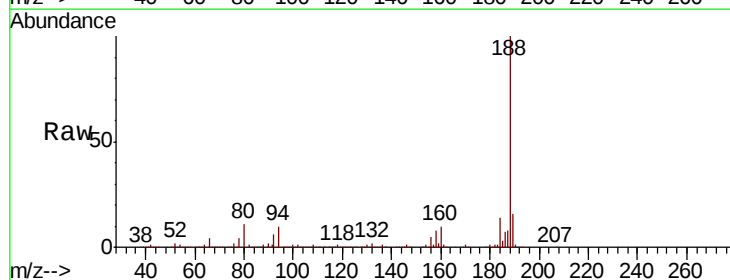
Tgt Ion:188 Resp: 1393134

Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.2

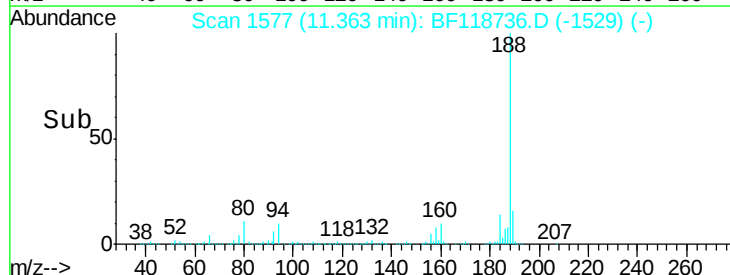
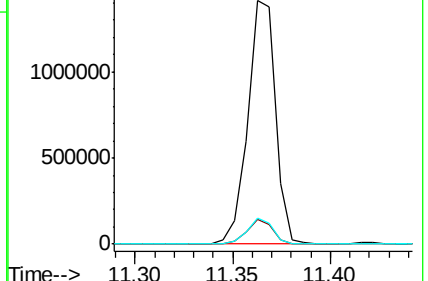
80 10.8 7.8 11.8

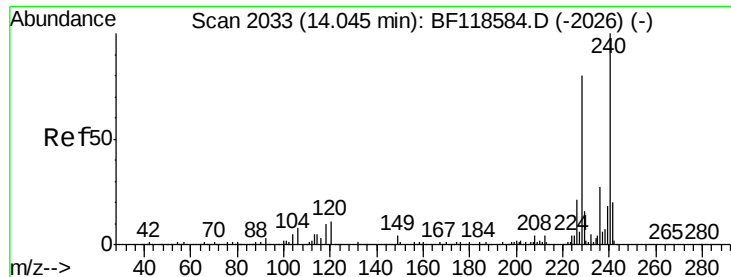


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Instrument :

BNA_F

ClientSampleId :

PB126434TB

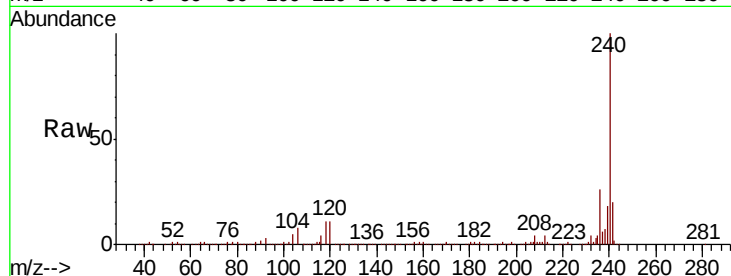
Tot Ion:240 Resp: 1015462

Ion Ratio Lower Upper

240 100

120 11.5 7.6 11.4#

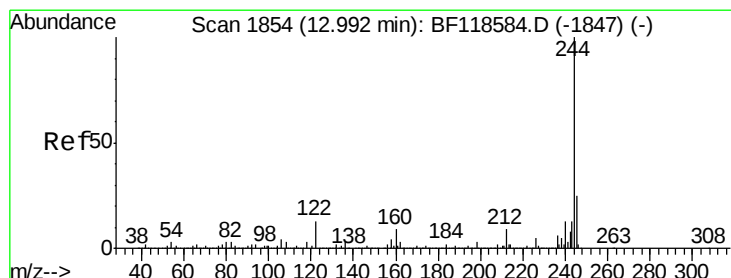
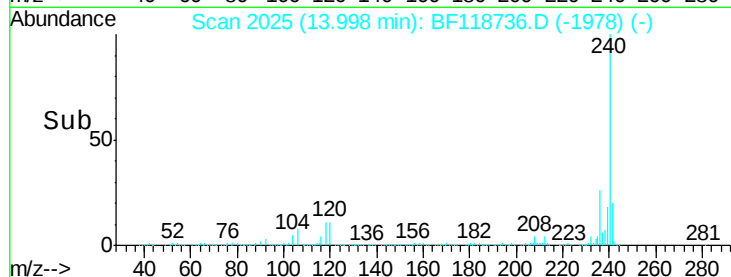
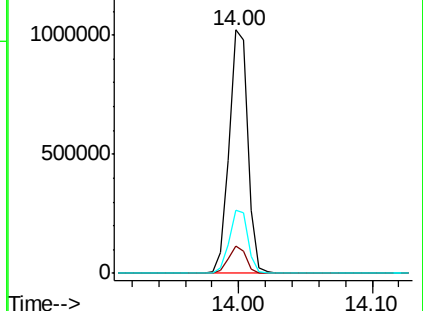
236 26.1 21.0 31.4



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: 92.964 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

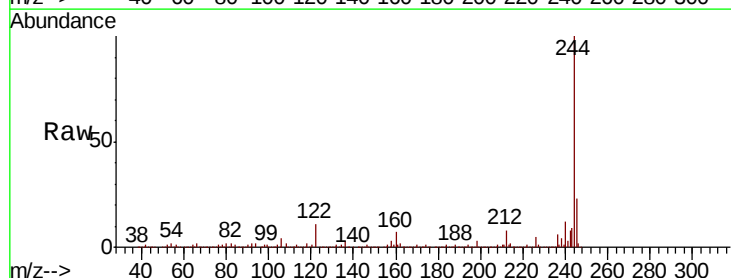
Tgt Ion:244 Resp: 4328160

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

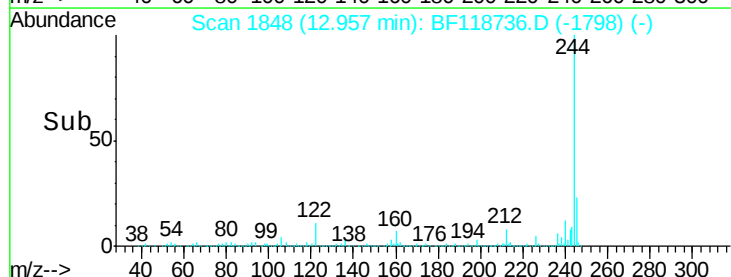
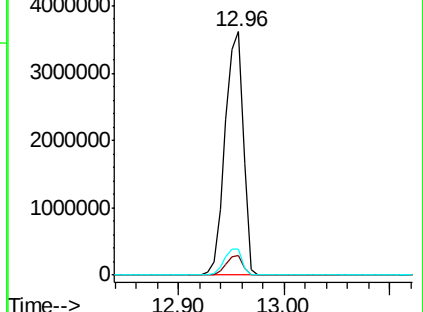
122 10.7 9.2 13.8

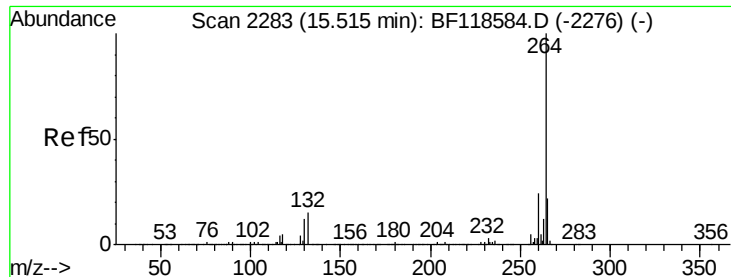


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

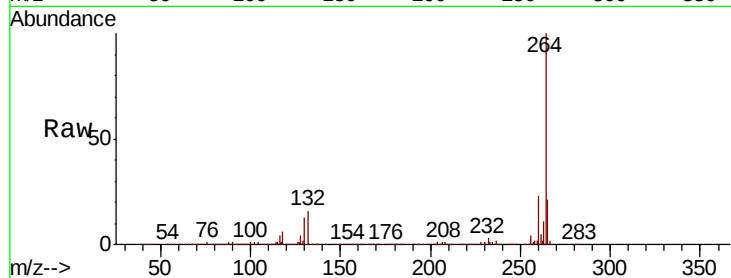




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF118736.D
Acq: 29 Jan 2020 17:27

Instrument :
BNA_F
ClientSampleId :
PB126434TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.3	17.0	25.6



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

