

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119360.D
 Acq On : 11 Mar 2020 22:12
 Operator : CG/JU
 Sample : L1852-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Quant Time: Mar 12 07:13:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

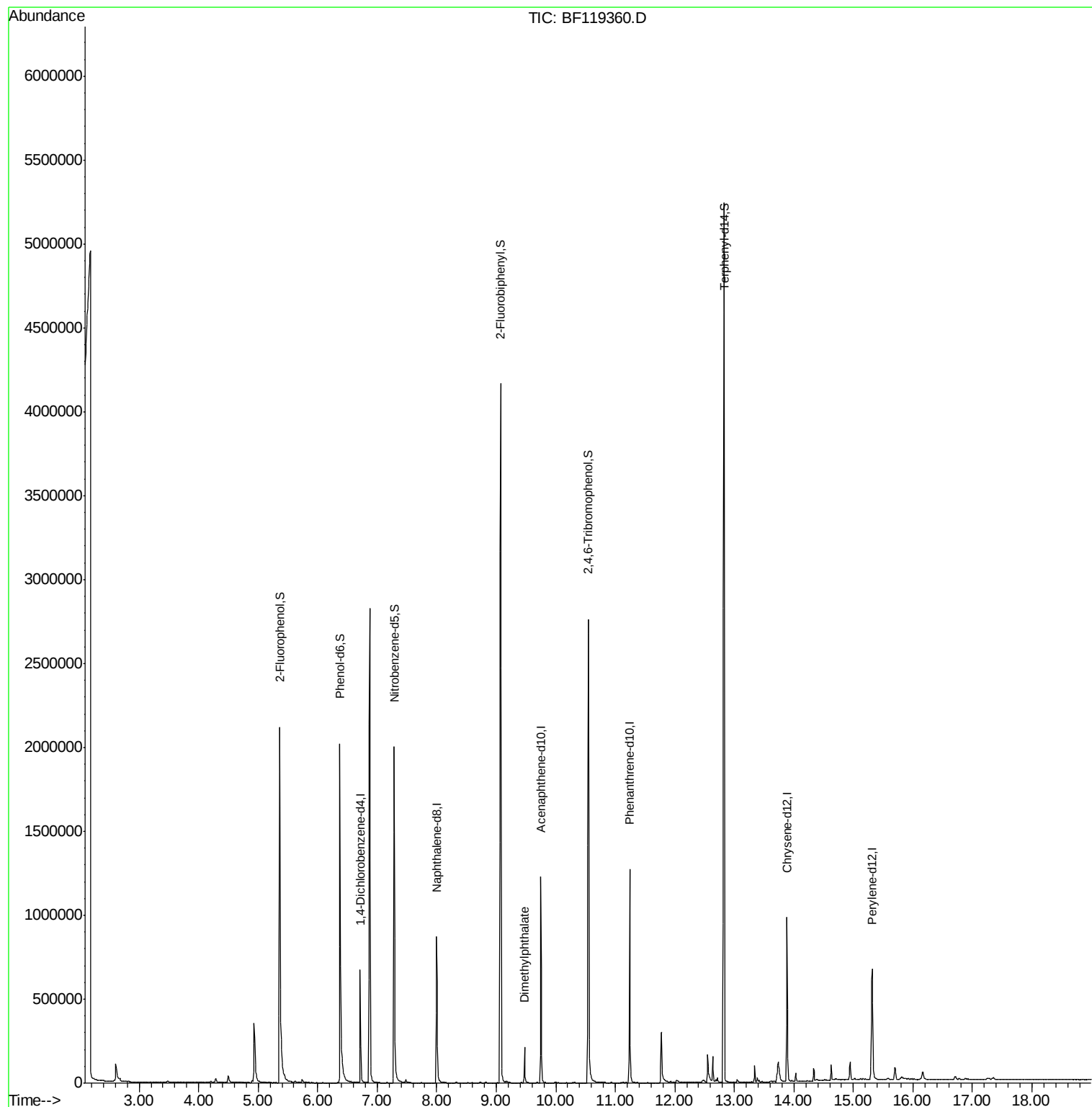
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113121	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	438220	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	252090	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	488616	20.00	ng	0.00
76) Chrysene-d12	13.89	240	373523	20.00	ng	0.00
87) Perylene-d12	15.32	264	339020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	824935	121.87	ng	0.01
7) Phenol-d6	6.37	99	931096	113.10	ng	0.00
23) Nitrobenzene-d5	7.29	82	726452	87.53	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	445063	134.96	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1462453	85.46	ng	-0.01
79) Terphenyl-d14	12.83	244	2058968	94.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	99012	5.136	ng	Qvalue 98

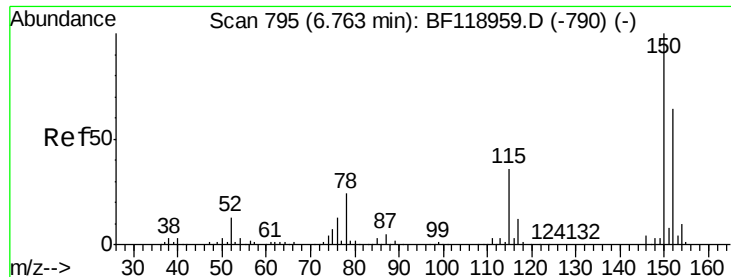
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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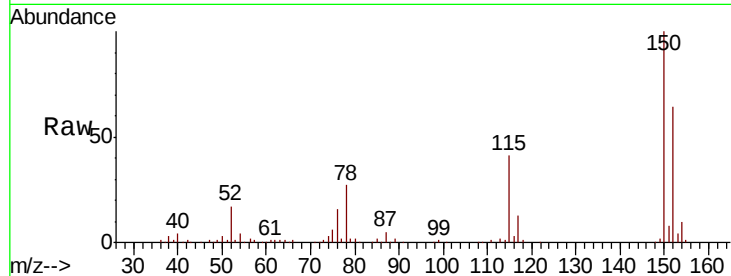


#1

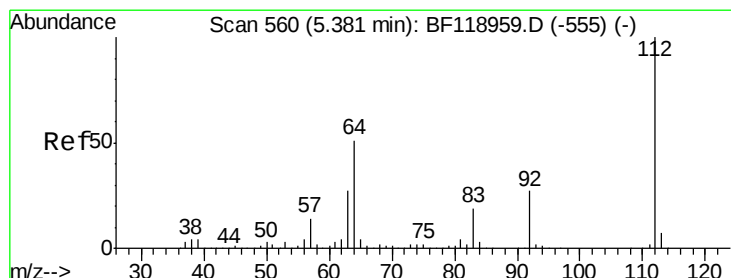
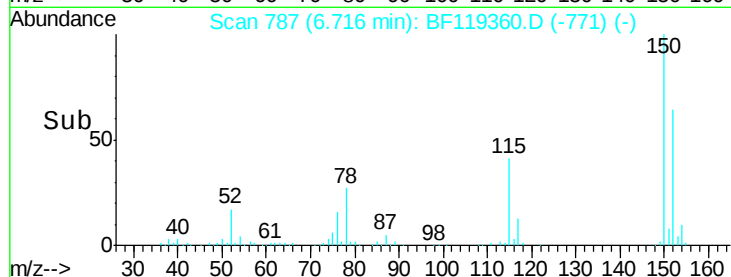
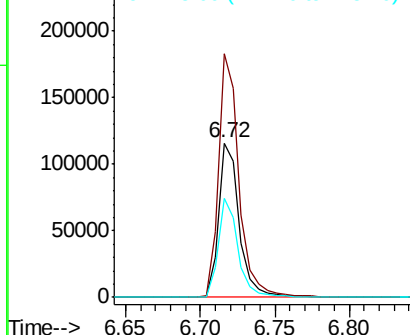
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.6
115	64.3	49.5	74.3



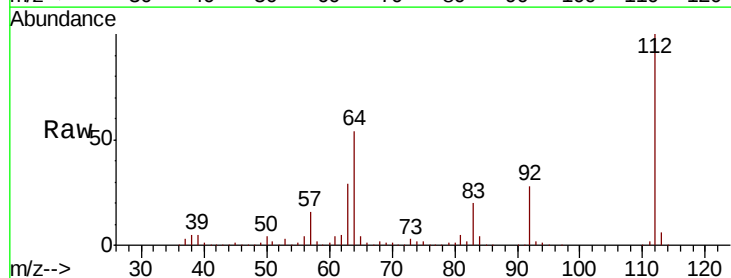
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



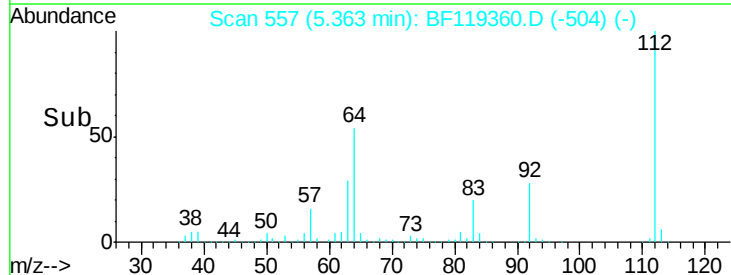
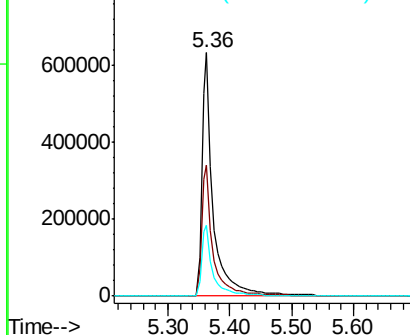
#5

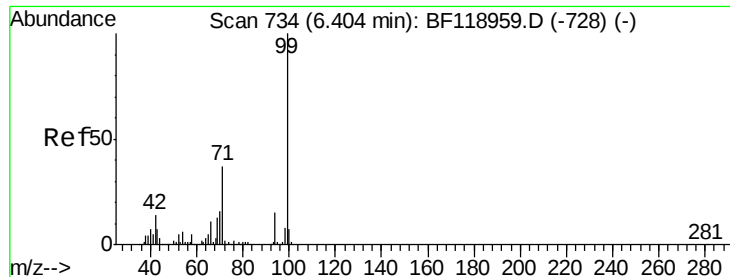
2-Fluorophenol
Concen: 121.871 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	45.0	67.4
63	29.1	24.2	36.4



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: 113.103 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119360.D

Acq: 11 Mar 2020 22:12

Instrument :

BNA_F

ClientSampleId :

TP-4-S

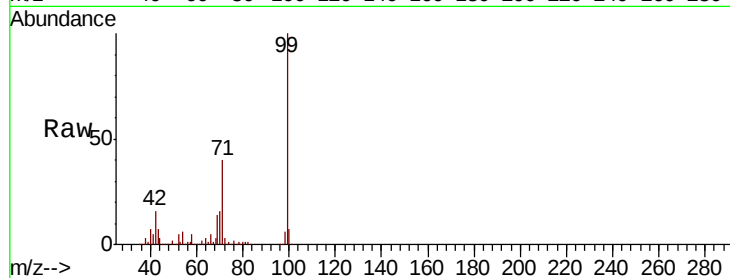
Tot Ion: 99 Resp: 931096

Ion Ratio Lower Upper

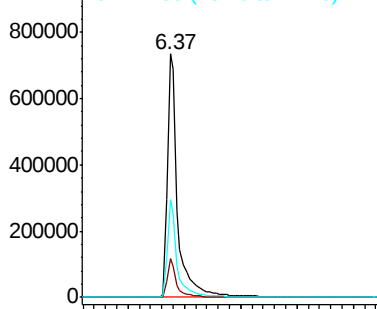
99 100

42 15.8 12.6 18.8

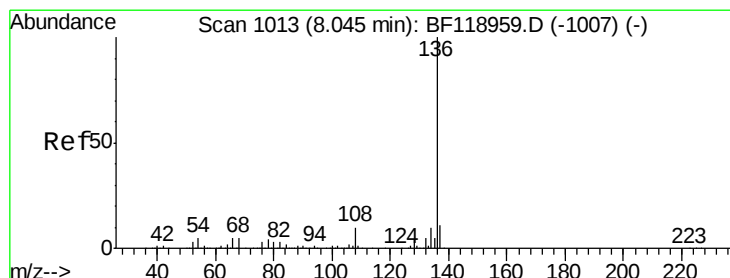
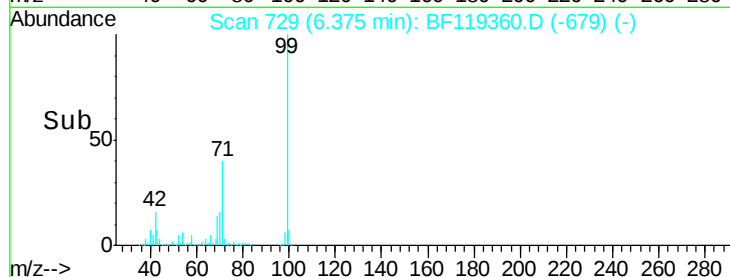
71 40.1 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1000000 Ion 42.00 (41.70 to 42.70): BF1
800000 Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119360.D

Acq: 11 Mar 2020 22:12

Tgt Ion: 136 Resp: 438220

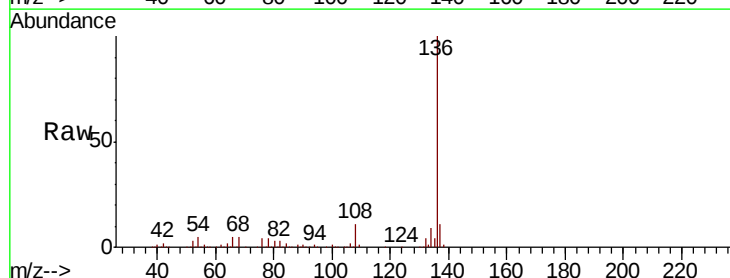
Ion Ratio Lower Upper

136 100

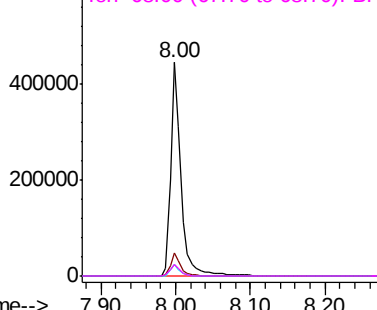
137 10.9 8.8 13.2

54 5.2 3.8 5.6

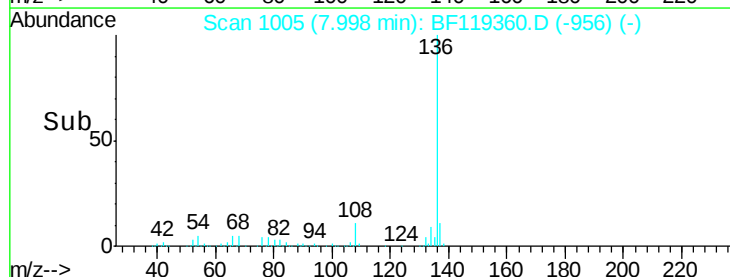
68 5.4 3.9 5.9

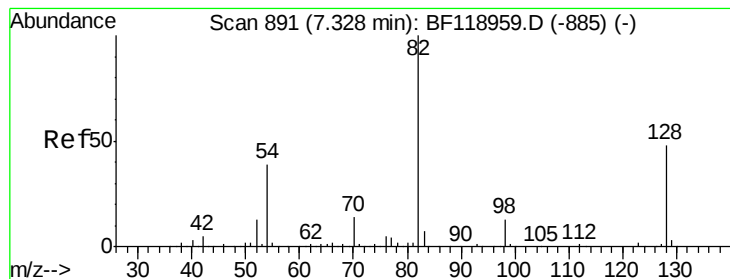


Abundance Ion 136.00 (135.70 to 136.70): E
600000 Ion 137.00 (136.70 to 137.70): E
400000 Ion 54.00 (53.70 to 54.70): BF1
200000 Ion 68.00 (67.70 to 68.70): BF1



Time-->





#23

Nitrobenzene-d5

Concen: 87.528 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119360.D

Acq: 11 Mar 2020 22:12

Instrument :

BNA_F

ClientSampleId :

TP-4-S

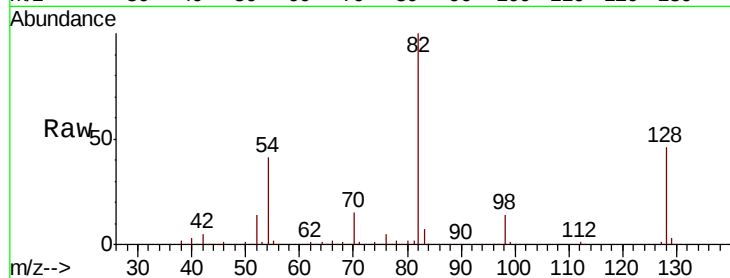
Tot Ion: 82 Resp: 726452

Ion Ratio Lower Upper

82 100

128 46.2 37.9 56.9

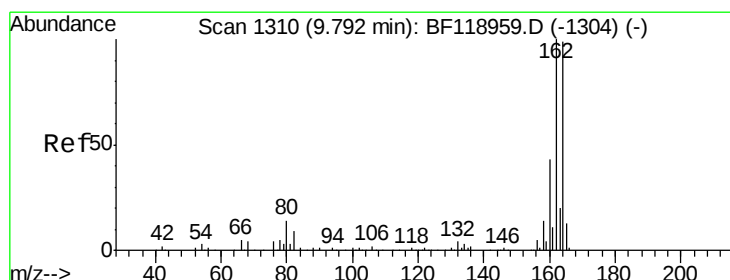
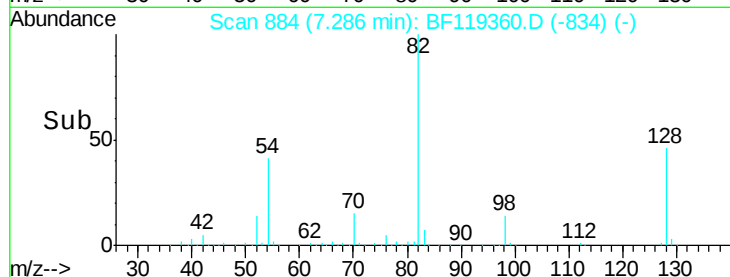
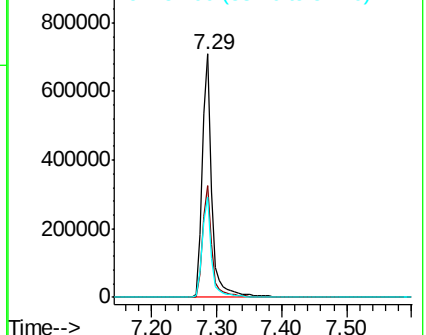
54 41.0 33.4 50.2



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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119360.D

Acq: 11 Mar 2020 22:12

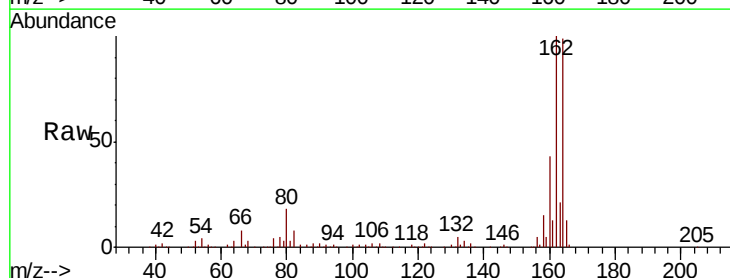
Tgt Ion:164 Resp: 252090

Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.8

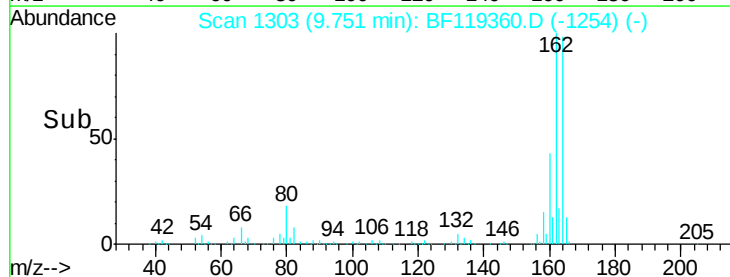
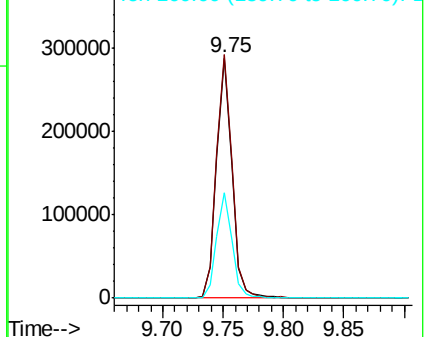
160 43.7 36.0 54.0

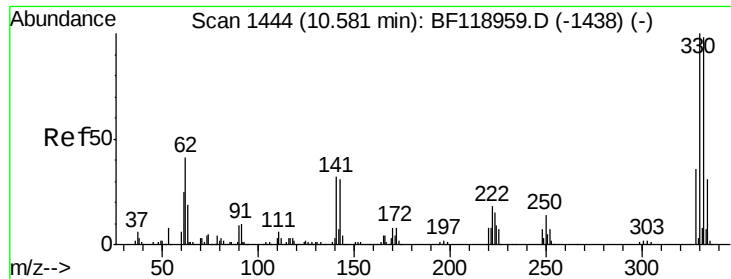


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 134.959 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119360.D

Acq: 11 Mar 2020 22:12

Instrument :

BNA_F

ClientSampled :

TP-4-S

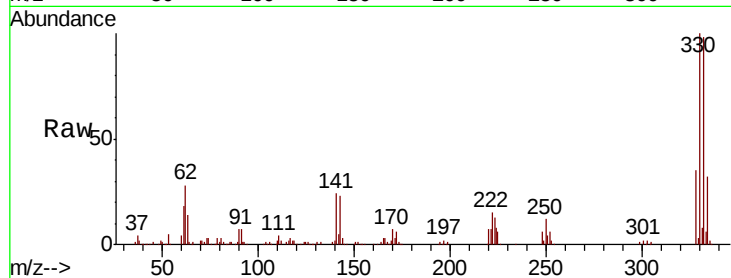
Tot Ion:330 Resp: 445063

Ion Ratio Lower Upper

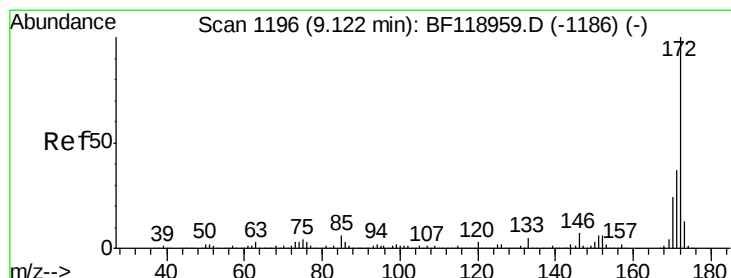
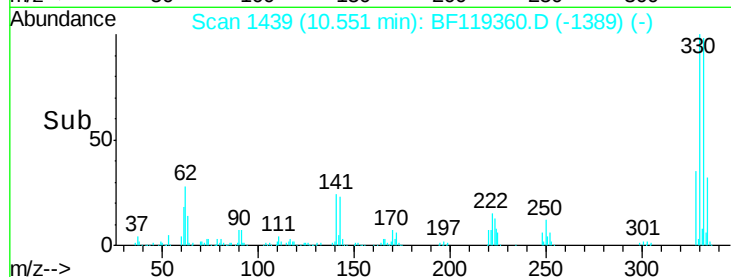
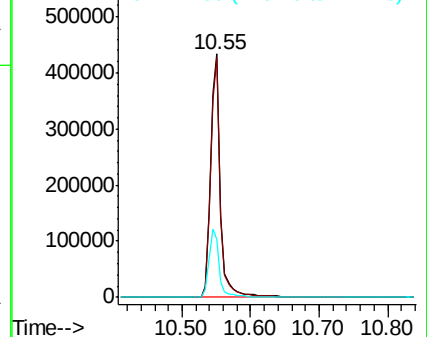
330 100

332 97.6 76.0 114.0

141 29.7 22.9 34.3



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: 85.463 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF119360.D

Acq: 11 Mar 2020 22:12

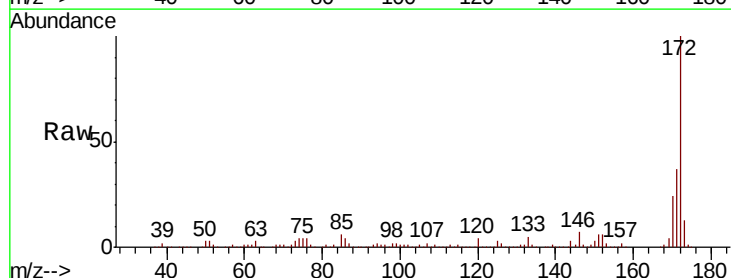
Tgt Ion:172 Resp: 1462453

Ion Ratio Lower Upper

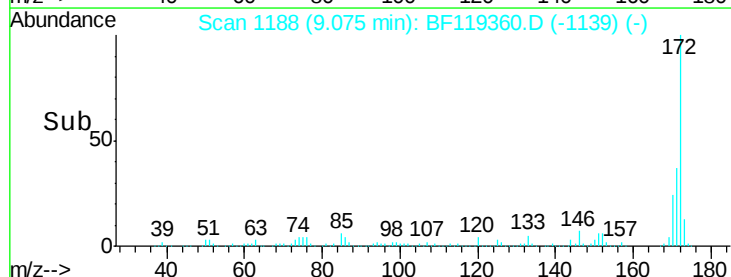
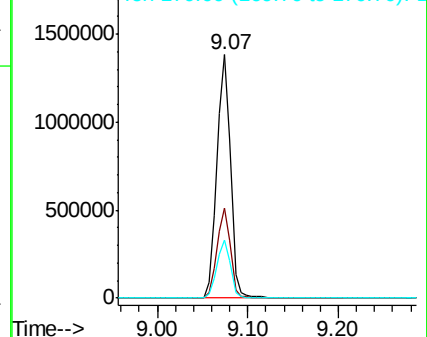
172 100

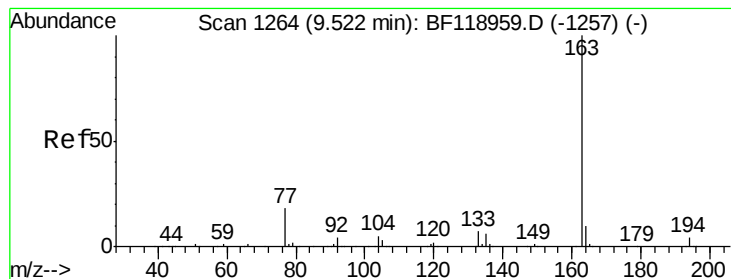
171 36.7 30.6 45.8

170 24.0 20.2 30.2



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: 5.136 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119360.D

Acq: 11 Mar 2020 22:12

Instrument :

BNA_F

ClientSampleId :

TP-4-S

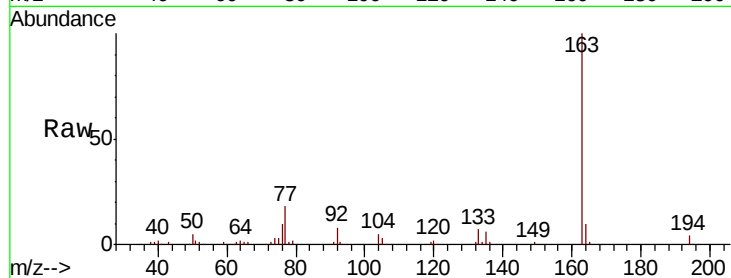
Tot Ion:163 Resp: 99012

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

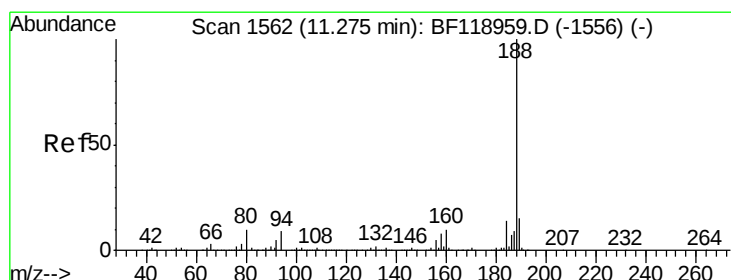
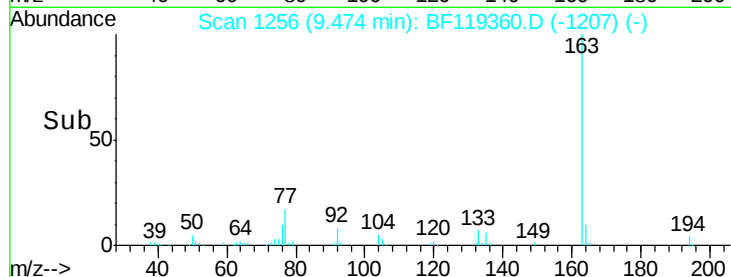
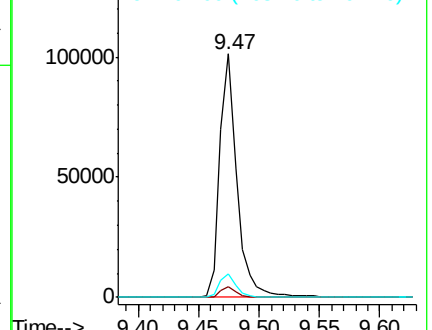
164 9.6 8.4 12.6



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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119360.D

Acq: 11 Mar 2020 22:12

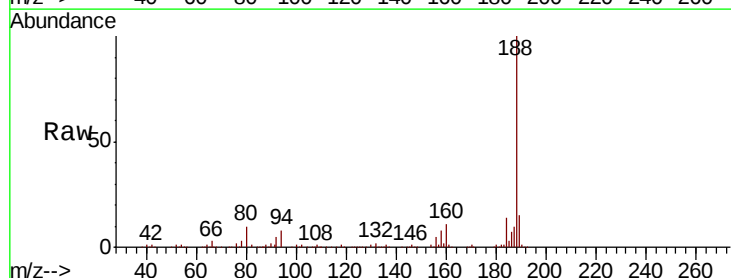
Tgt Ion:188 Resp: 488616

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

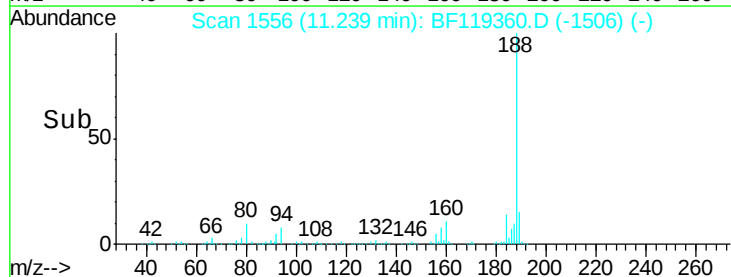
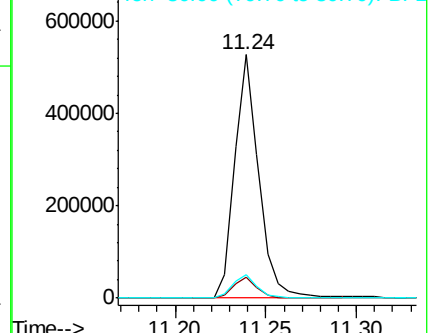
80 9.7 7.8 11.8

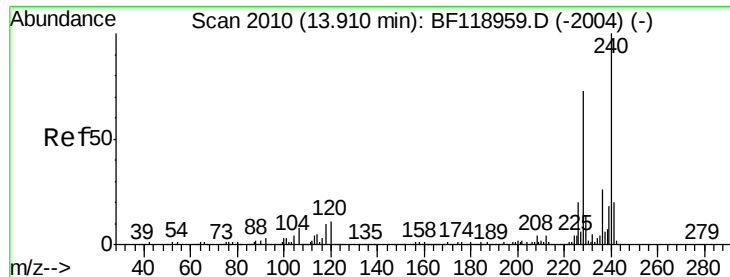


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

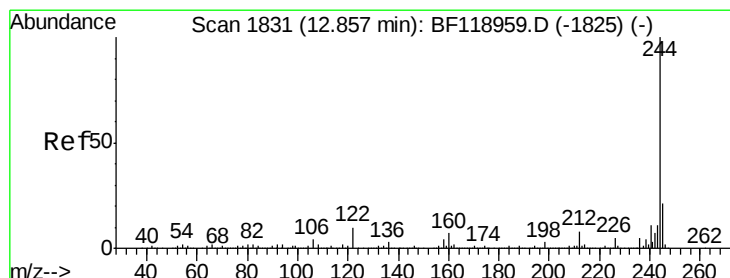
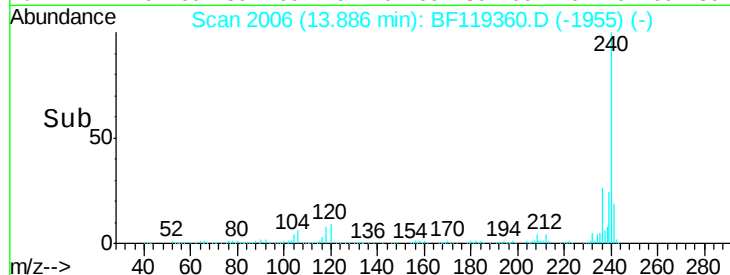
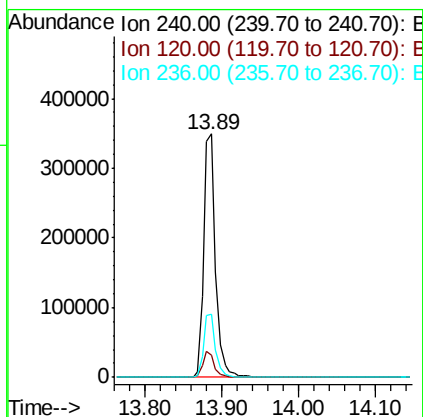
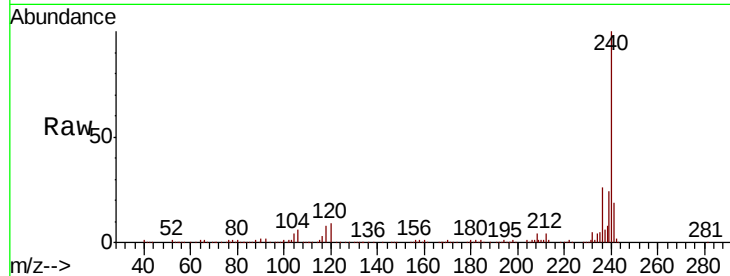




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119360.D
 Acq: 11 Mar 2020 22:12

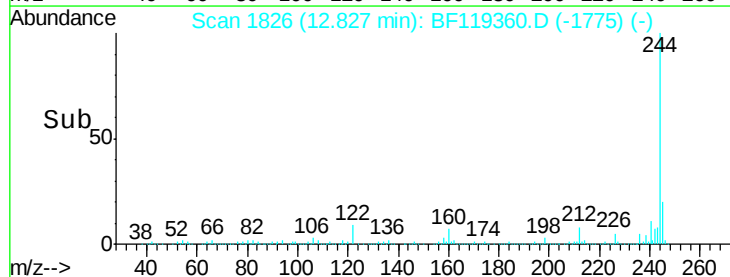
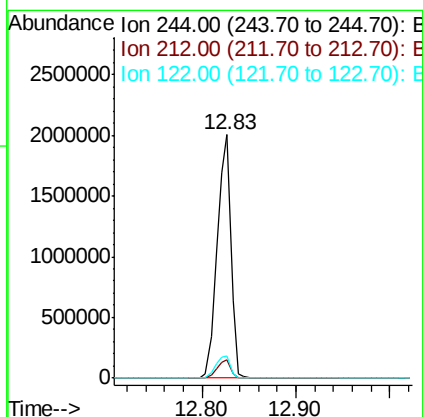
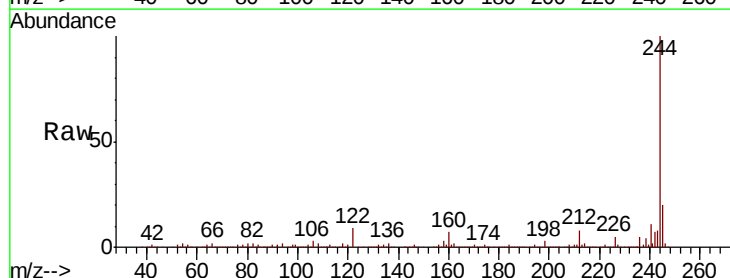
Instrument :
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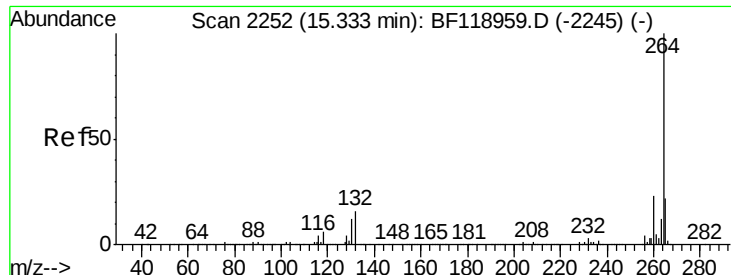
Tot Ion:240 Resp: 373523
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.4 12.6
 236 26.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 94.904 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119360.D
 Acq: 11 Mar 2020 22:12

Tgt Ion:244 Resp: 2058968
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 9.0 8.2 12.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF119360.D
 Acq: 11 Mar 2020 22:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.6	17.7	26.5

