

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119016.D
 Acq On : 24 Feb 2020 11:28
 Operator : CG/JU
 Sample : L1362-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820

Quant Time: Feb 25 00:37:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

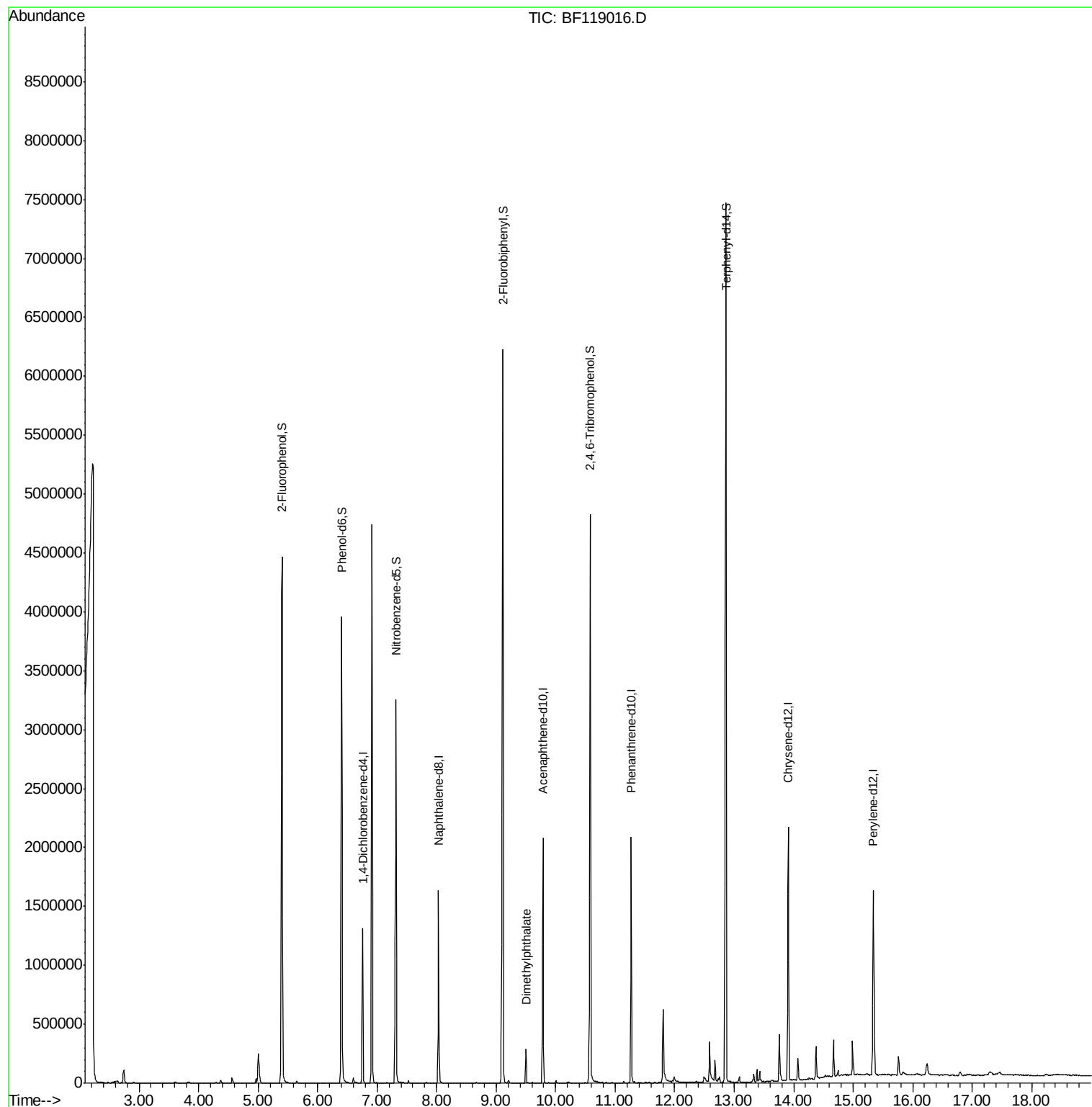
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	227192	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	856506	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	469939	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	877004	20.00	ng	0.00
76) Chrysene-d12	13.91	240	692846	20.00	ng	0.00
87) Perylene-d12	15.34	264	702602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1510388	111.10	ng	0.02
7) Phenol-d6	6.40	99	1727066	104.46	ng	0.00
23) Nitrobenzene-d5	7.32	82	1384050	85.32	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	809388	131.66	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2597786	81.44	ng	0.00
79) Terphenyl-d14	12.86	244	3177533	78.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	128829	3.585	ng	Qvalue 99

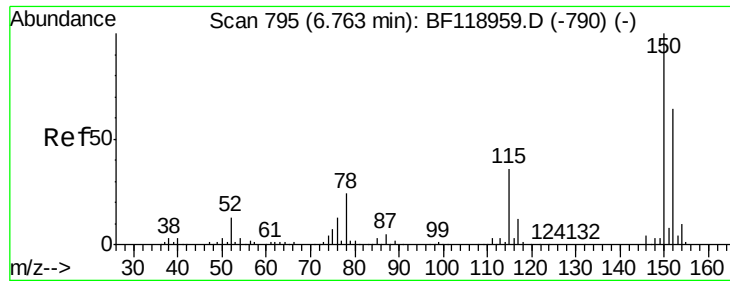
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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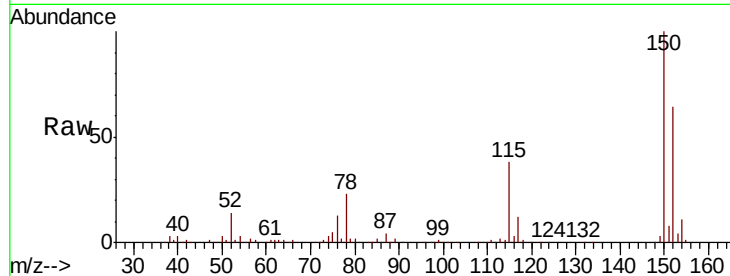


#1

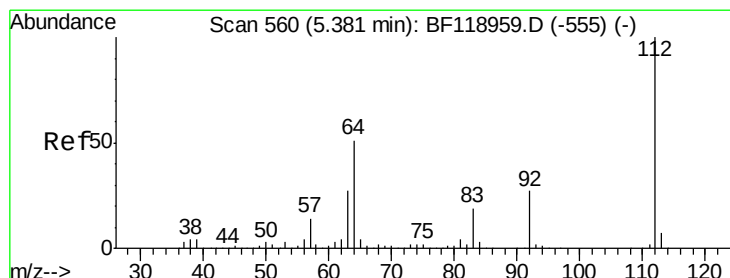
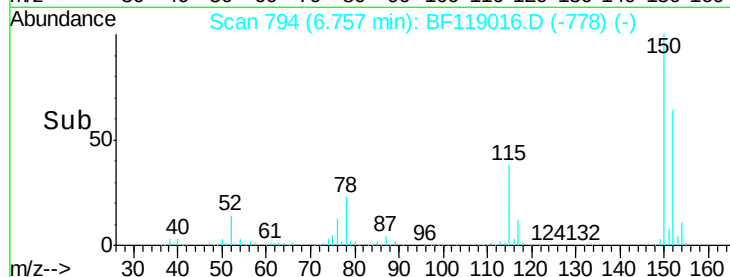
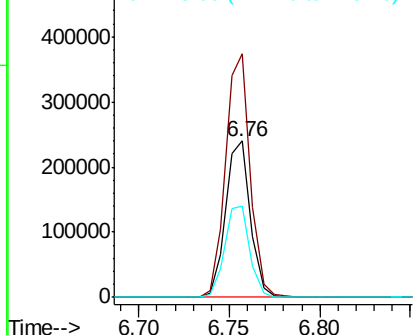
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

Instrument :
BNA_F
ClientSampleId :
BU-03-021820

Tot Ion:152 Resp: 227192
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 58.7 44.6 67.0



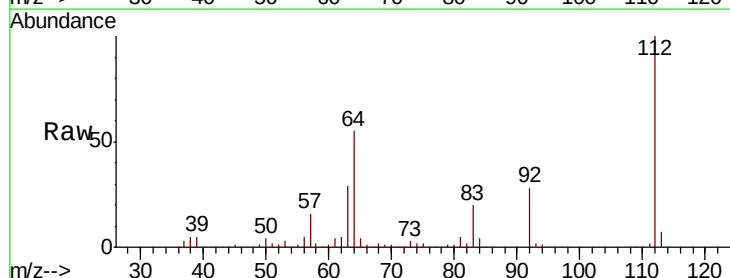
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



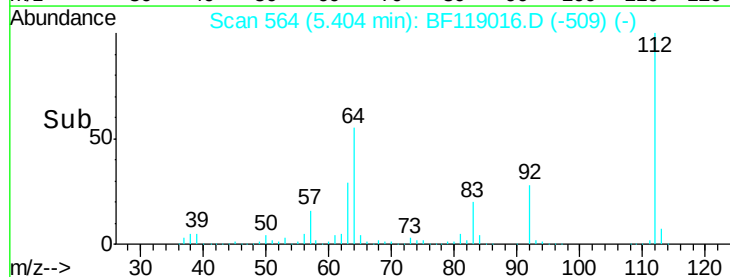
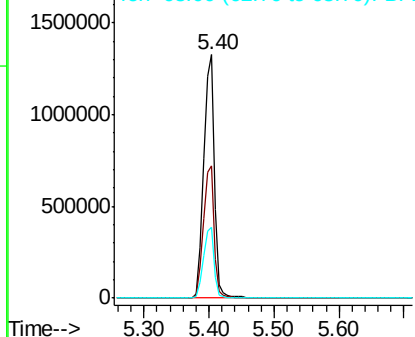
#5

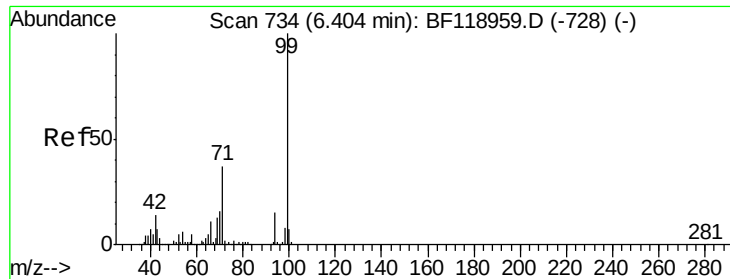
2-Fluorophenol
Concen: 111.101 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

Tgt Ion:112 Resp: 1510388
Ion Ratio Lower Upper
112 100
64 54.5 40.4 60.6
63 29.2 21.3 31.9



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: 104.457 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

Instrument :

BNA_F

ClientSampleId :

BU-03-021820

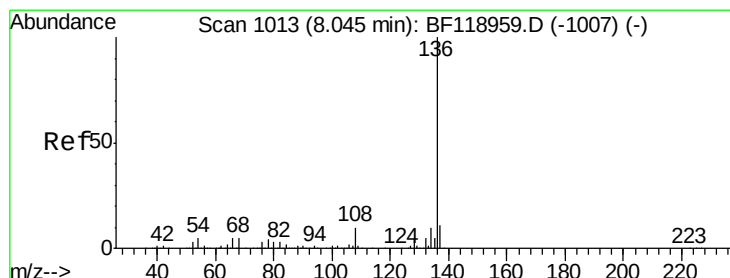
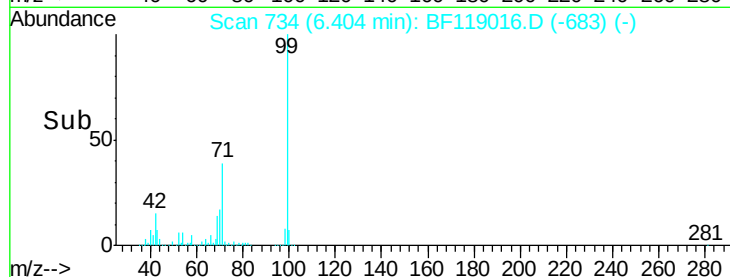
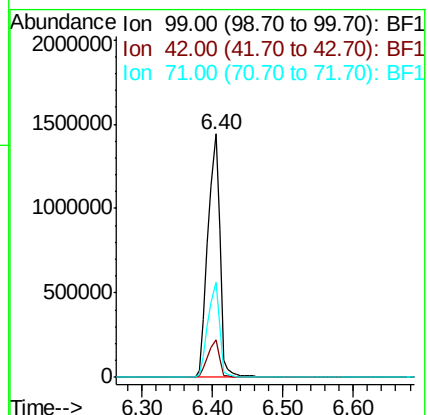
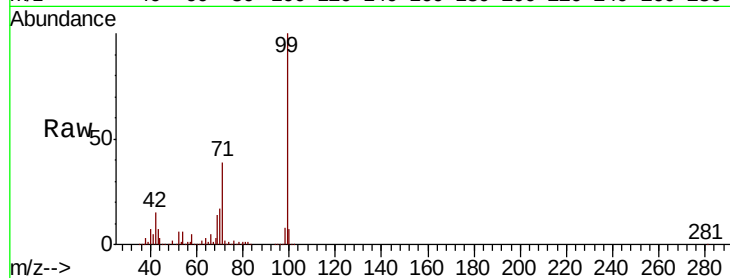
Tot Ion: 99 Resp: 1727066

Ion Ratio Lower Upper

99 100

42 15.3 11.4 17.0

71 39.0 29.8 44.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

Tgt Ion: 136 Resp: 856506

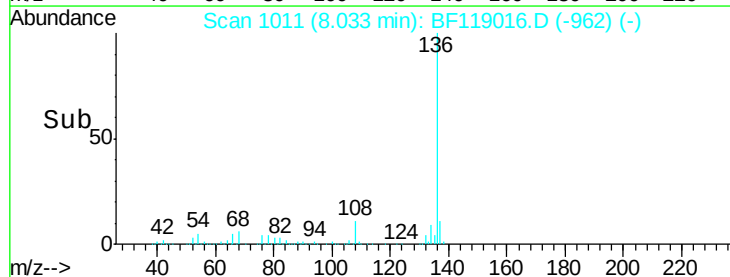
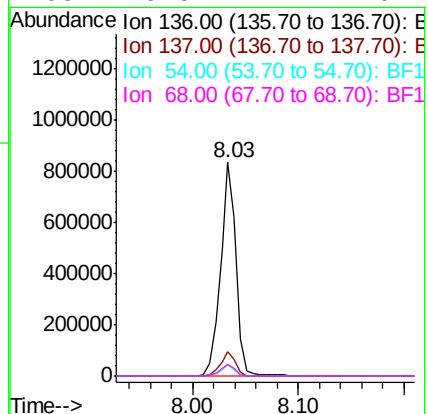
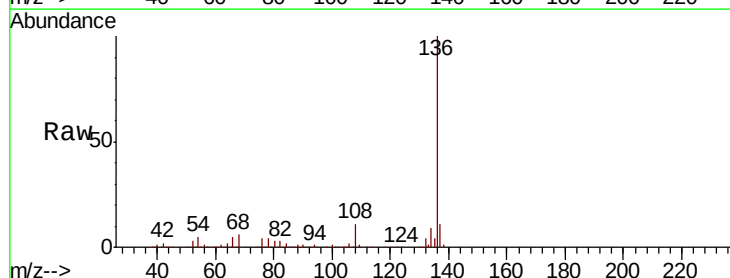
Ion Ratio Lower Upper

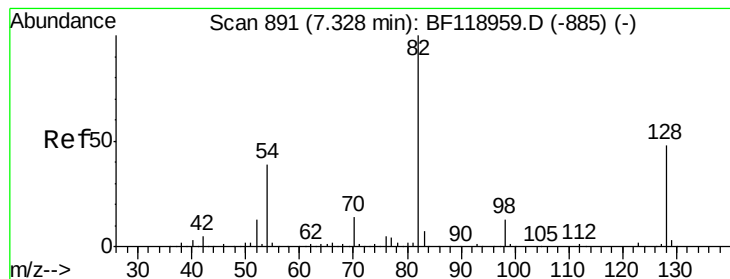
136 100

137 11.2 8.9 13.3

54 5.2 3.8 5.6

68 5.5 4.2 6.2





#23

Nitrobenzene-d5

Concen: 85.321 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

Instrument :

BNA_F

ClientSampleId :

BU-03-021820

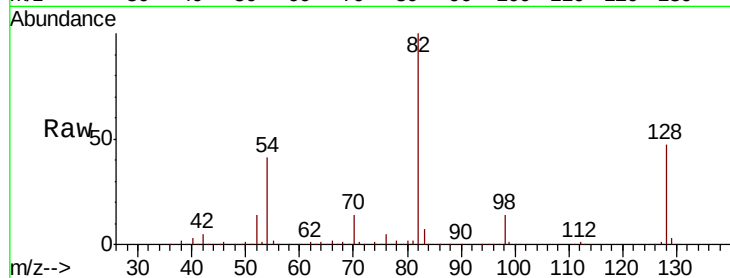
Tot Ion: 82 Resp: 1384050

Ion Ratio Lower Upper

82 100

128 47.3 38.2 57.2

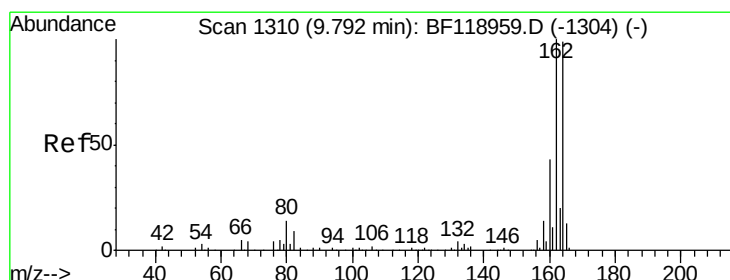
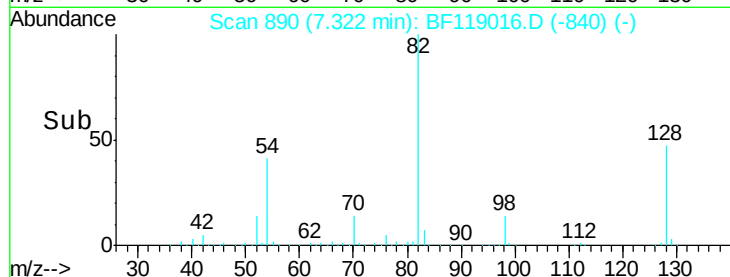
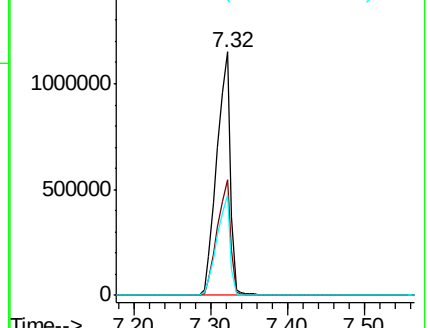
54 40.9 31.3 46.9



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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

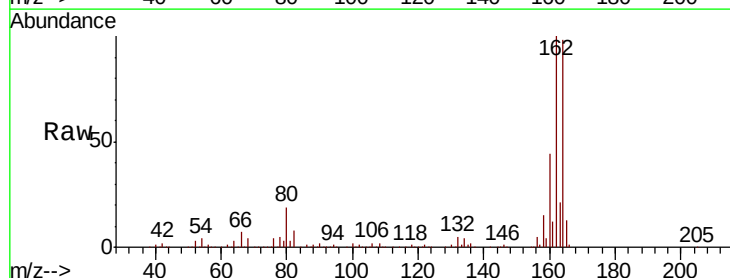
Tgt Ion:164 Resp: 469939

Ion Ratio Lower Upper

164 100

162 101.7 81.2 121.8

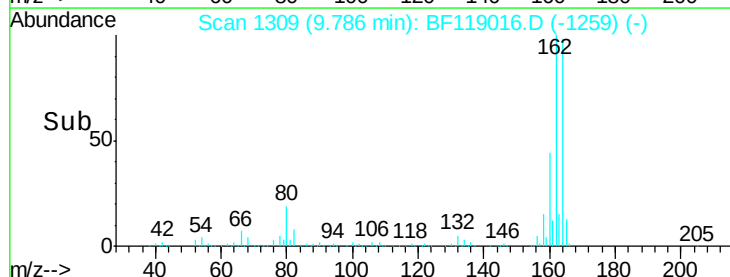
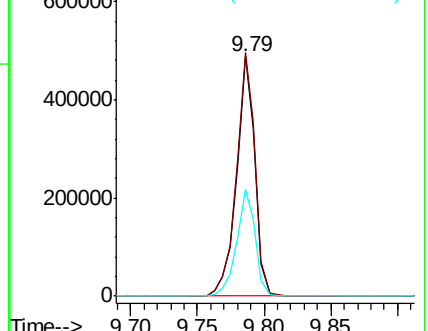
160 44.6 35.2 52.8

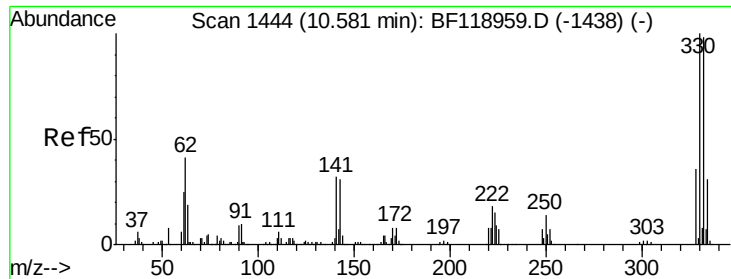


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

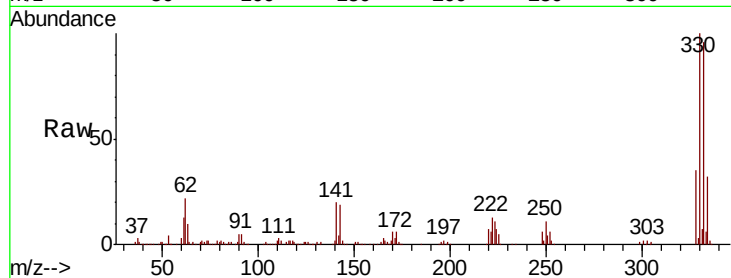




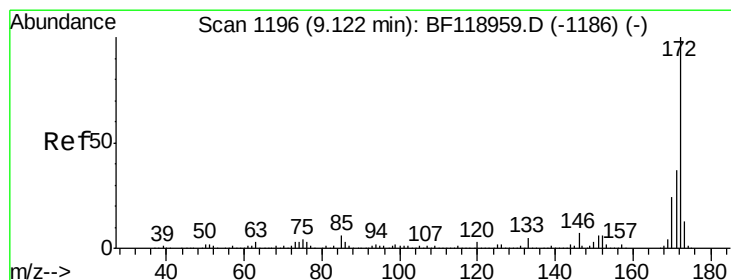
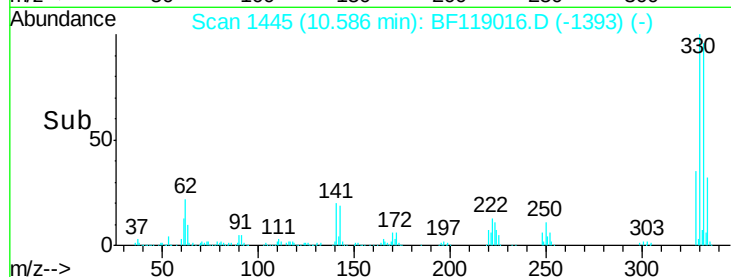
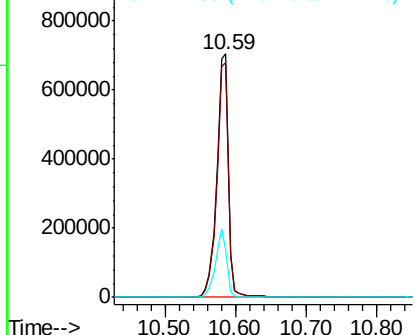
#42
 2,4,6-Tribromophenol
 Concen: 131.659 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF119016.D
 Acq: 24 Feb 2020 11:28

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820

Tot Ion:330 Resp: 809388
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 27.3 23.0 34.6

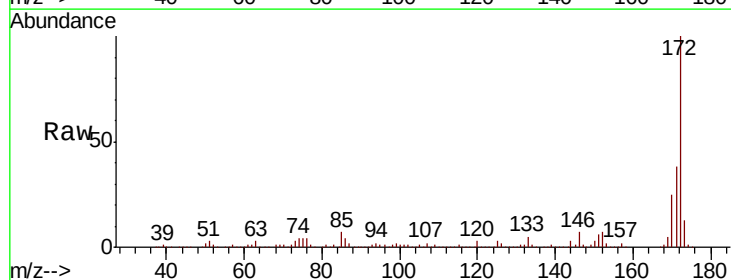


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

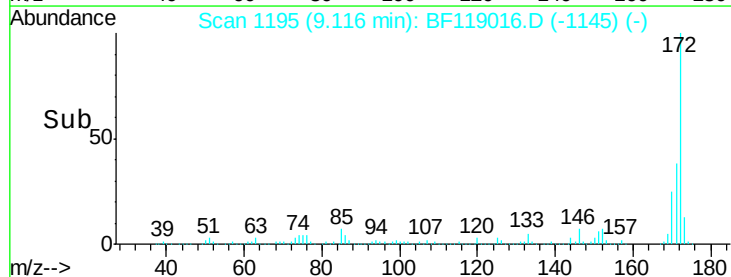
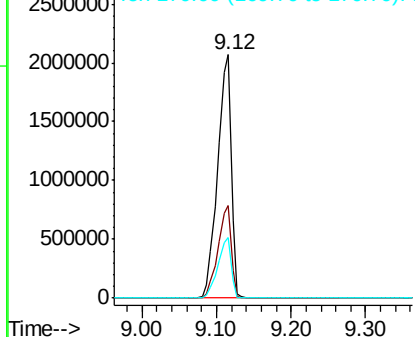


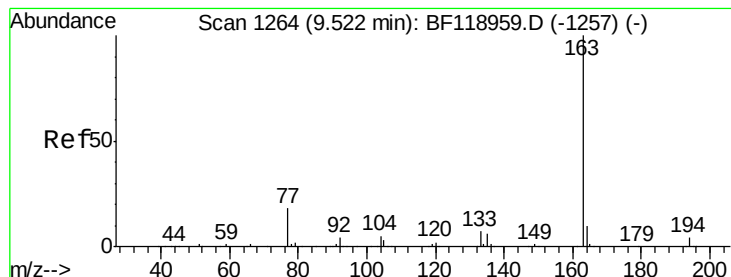
#45
 2-Fluorobiphenyl
 Concen: 81.436 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119016.D
 Acq: 24 Feb 2020 11:28

Tgt Ion:172 Resp: 2597786
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.4 44.2
 170 25.0 19.6 29.4



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: 3.585 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

Instrument :

BNA_F

ClientSampleId :

BU-03-021820

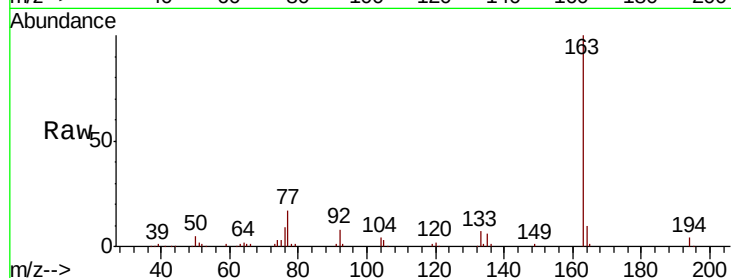
Tot Ion:163 Resp: 128829

Ion Ratio Lower Upper

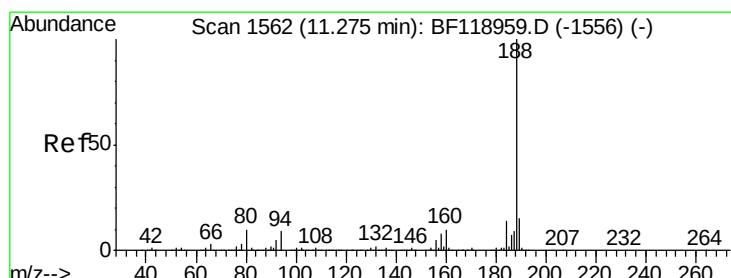
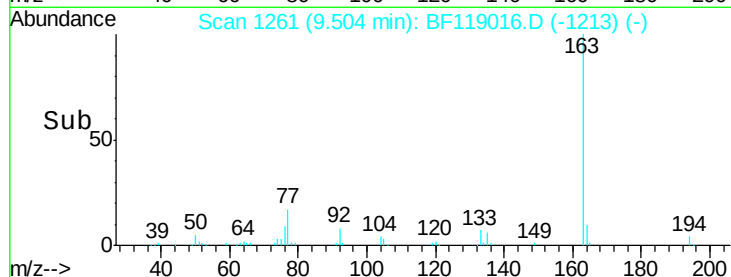
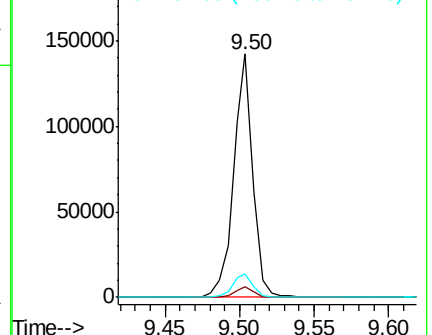
163 100

194 4.3 3.4 5.2

164 9.7 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: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

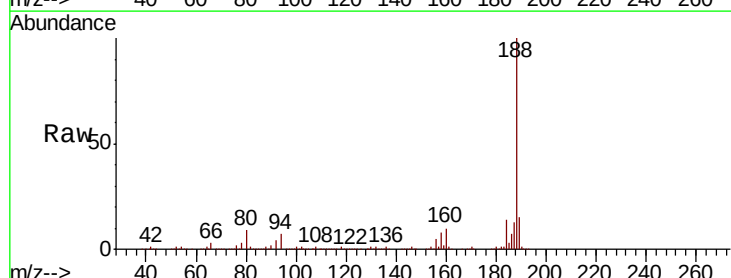
Tgt Ion:188 Resp: 877004

Ion Ratio Lower Upper

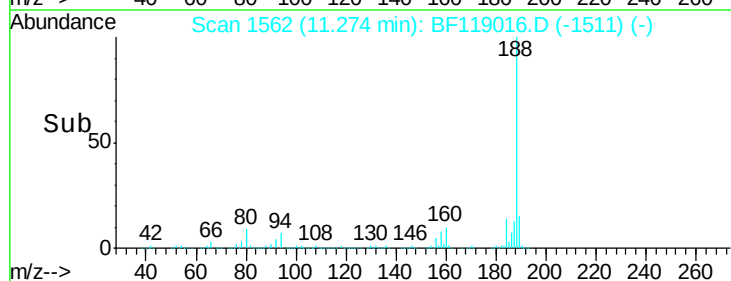
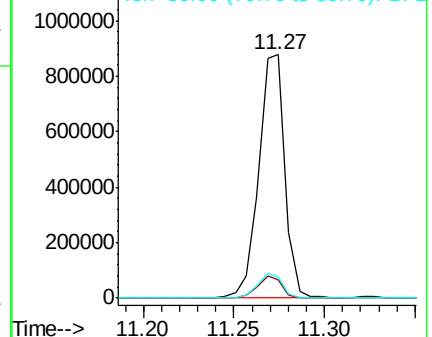
188 100

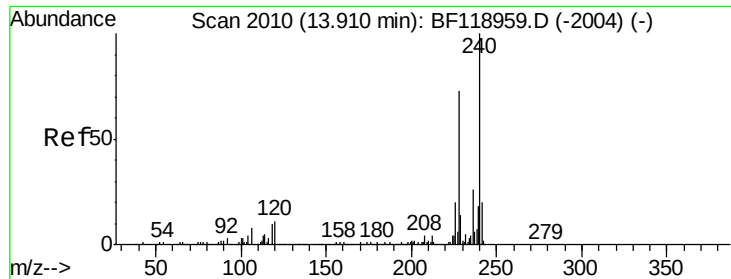
94 7.5 7.0 10.6

80 8.5 7.9 11.9



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

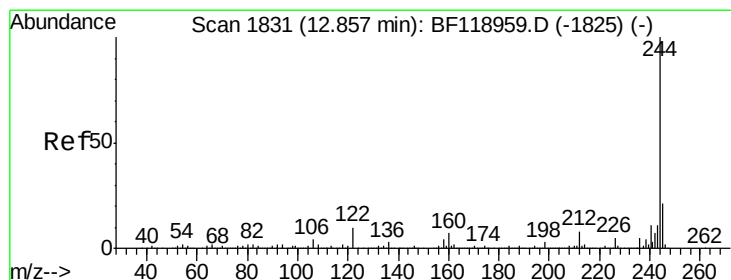
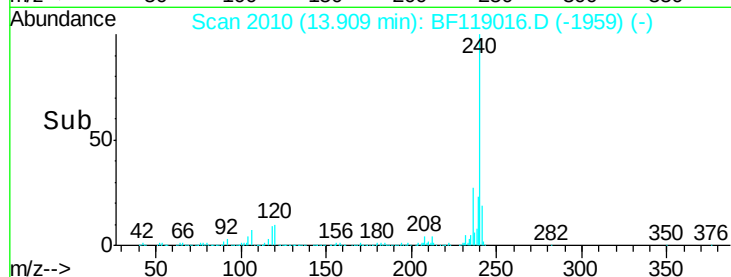
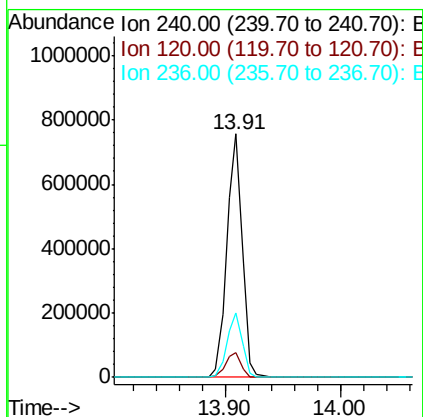
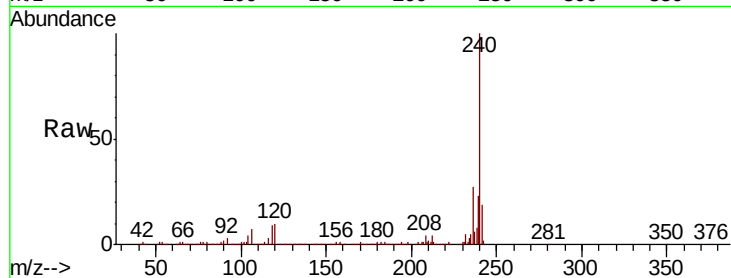




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

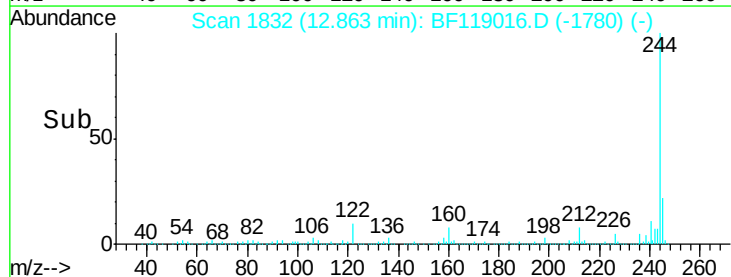
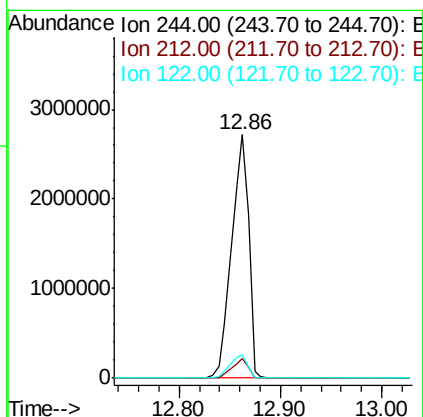
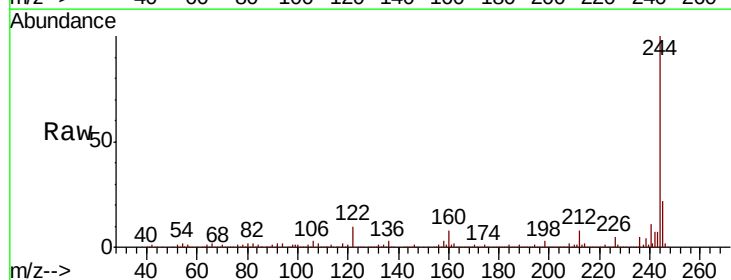
Instrument :
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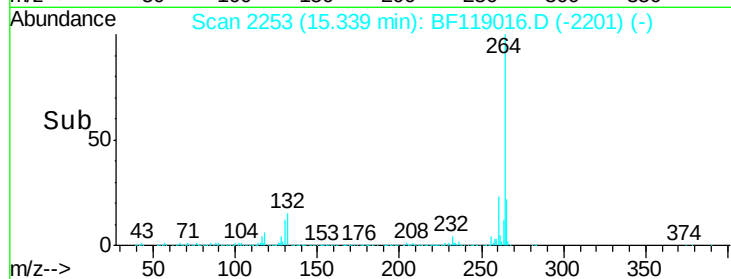
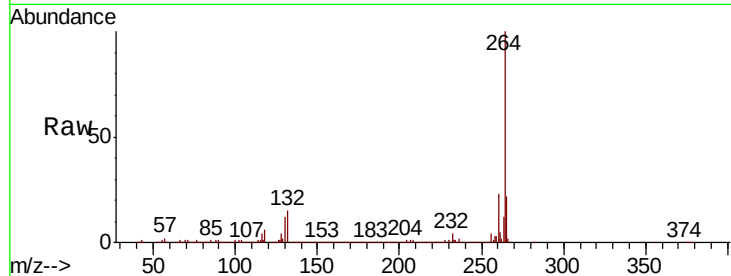
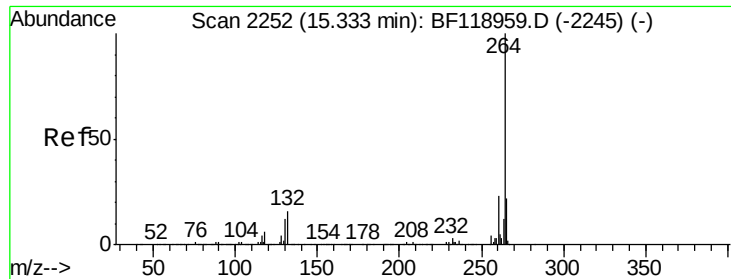
Tot Ion:240 Resp: 692846
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 26.6 20.6 30.8



#79
Terphenyl-d14
Concen: 78.959 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

Tgt Ion:244 Resp: 3177533
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 9.9 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

Instrument :
BNA_F
ClientSampleId :
BU-03-021820

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.5	17.3	25.9

