

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118980.D
 Acq On : 21 Feb 2020 1:31
 Operator : CG/JU
 Sample : L1596-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-064

Quant Time: Feb 21 03:31:48 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

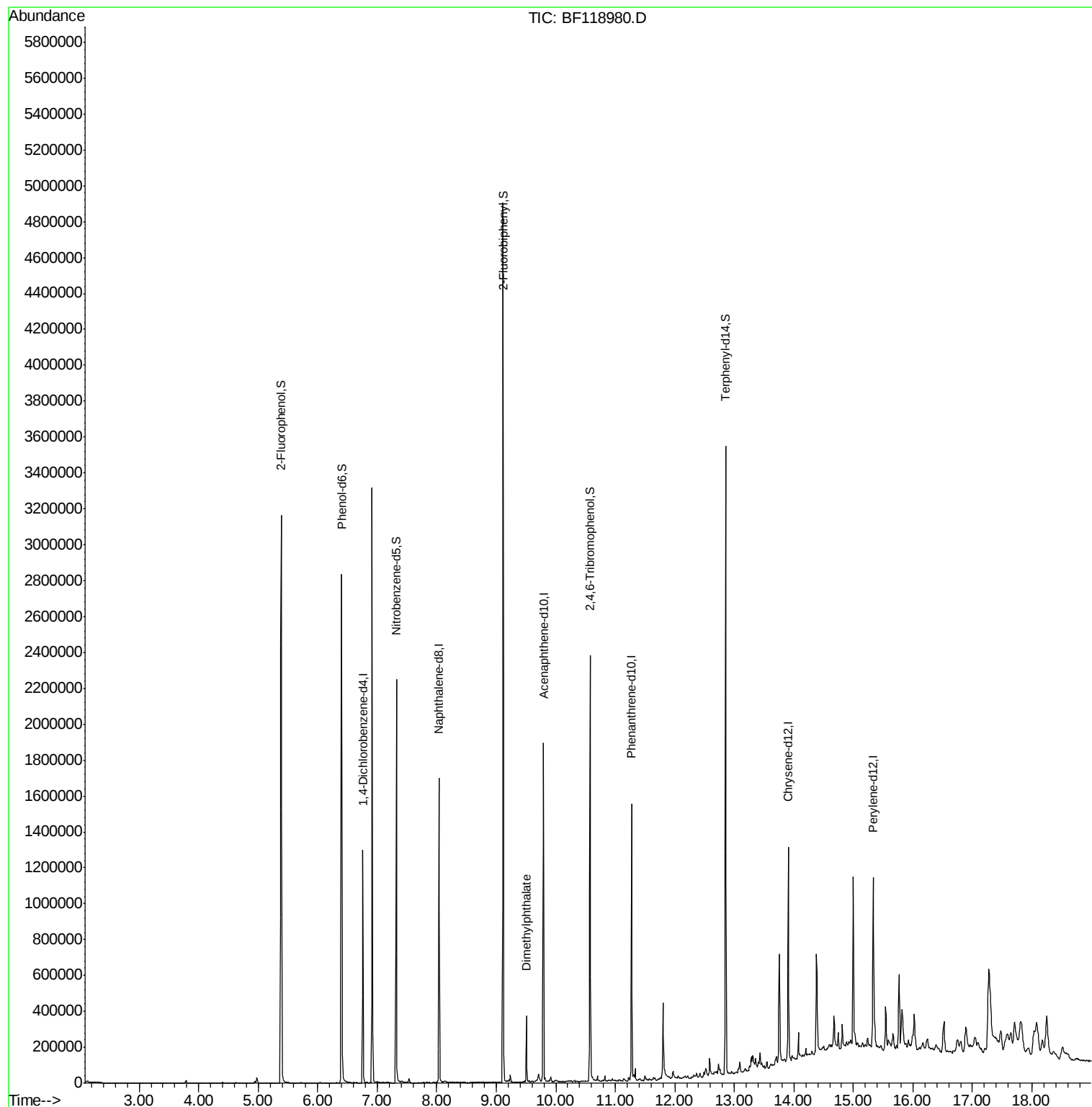
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	200972	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	729999	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	365251	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	571763	20.00	ng	0.00
76) Chrysene-d12	13.90	240	416801	20.00	ng	0.00
87) Perylene-d12	15.33	264	438234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	947970	78.83	ng	0.00
7) Phenol-d6	6.40	99	1146694	78.40	ng	0.00
23) Nitrobenzene-d5	7.32	82	745328	53.91	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	338807	70.91	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1428191	57.60	ng	0.00
79) Terphenyl-d14	12.86	244	1292347	53.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	152497	5.460	ng	Qvalue 100

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

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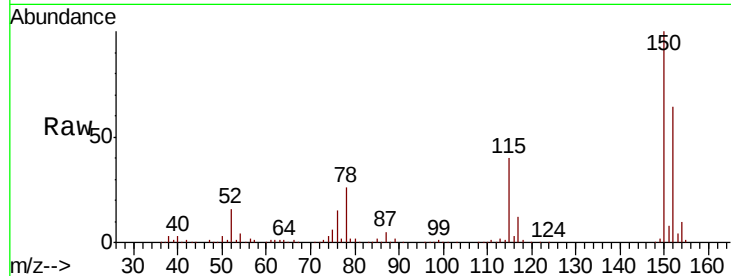


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118980.D
Acq: 21 Feb 2020 1:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.3	186.5
115	61.7	44.6	67.0

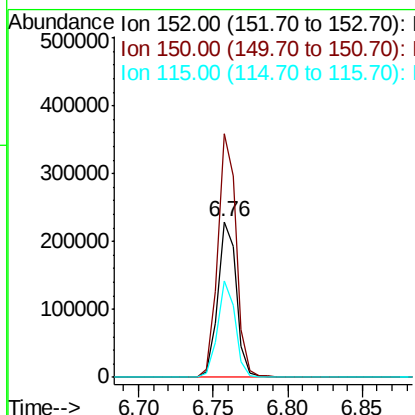
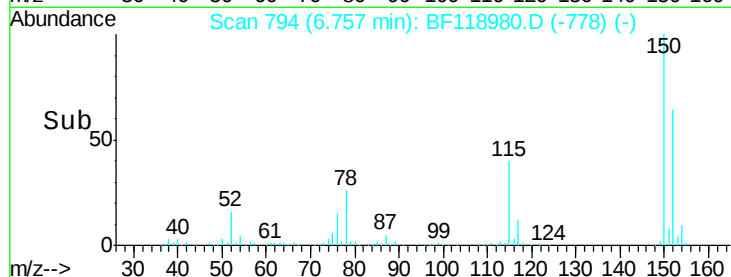


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

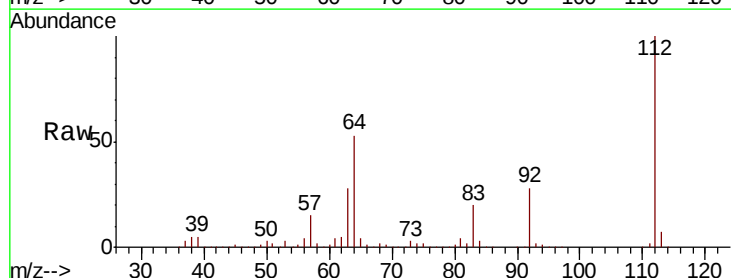
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.828 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF118980.D
Acq: 21 Feb 2020 1:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	40.4	60.6
63	27.9	21.3	31.9

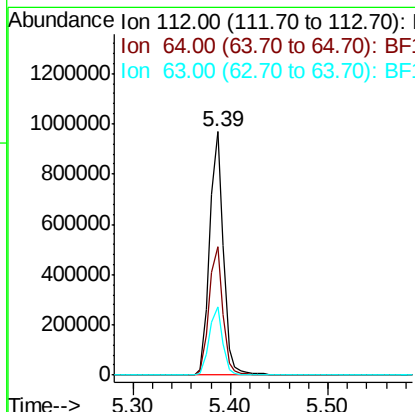
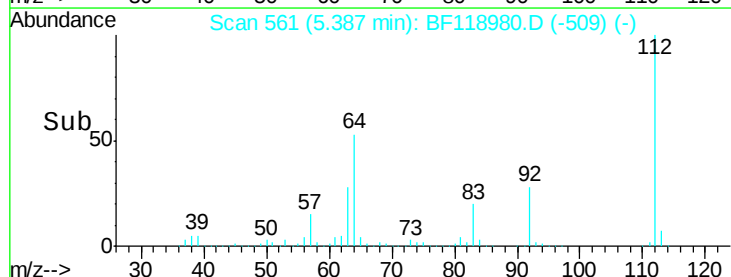


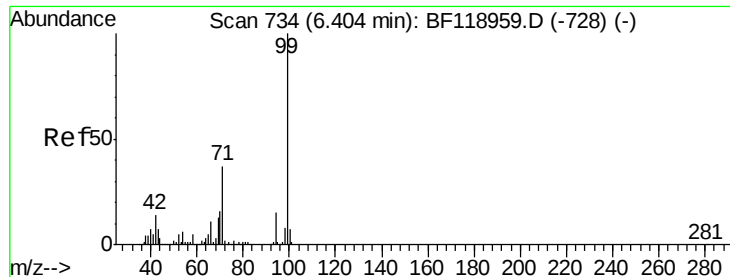
Abundance

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: 78.403 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-064

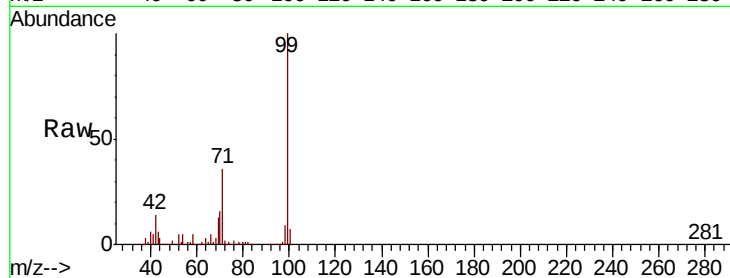
Tot Ion: 99 Resp: 1146694

Ion Ratio Lower Upper

99 100

42 13.8 11.4 17.0

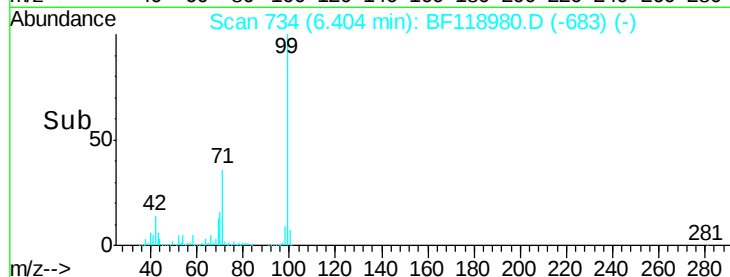
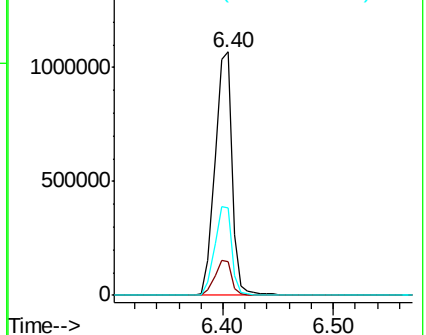
71 36.1 29.8 44.6



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: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

Tgt Ion: 136 Resp: 729999

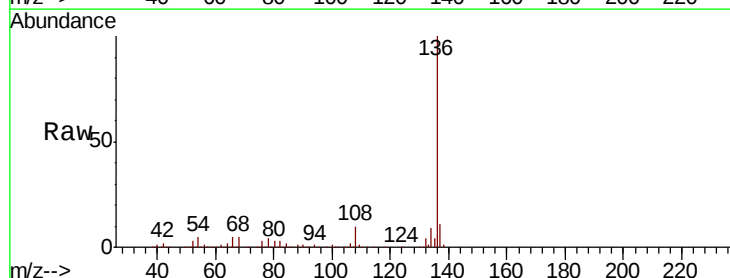
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 5.0 3.8 5.6

68 5.5 4.2 6.2

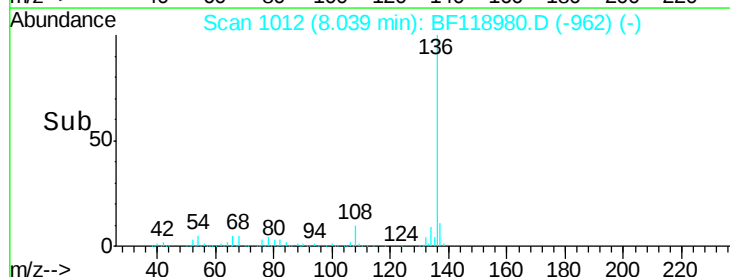
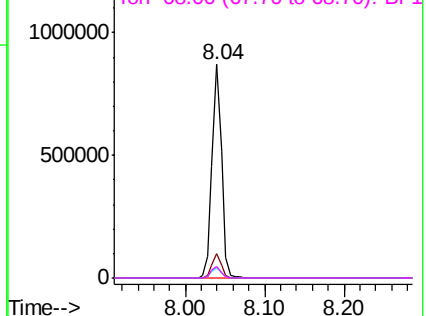


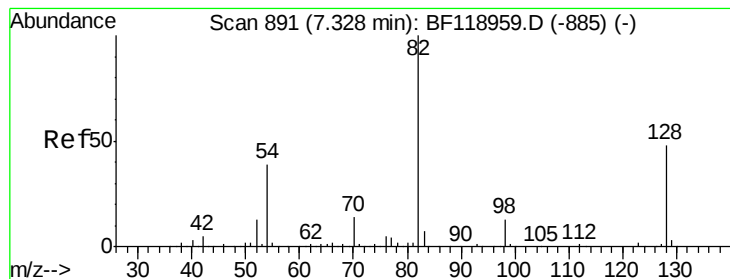
Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.909 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-064

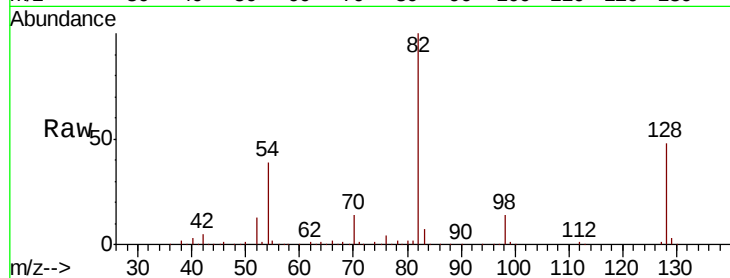
Tot Ion: 82 Resp: 745328

Ion Ratio Lower Upper

82 100

128 47.9 38.2 57.2

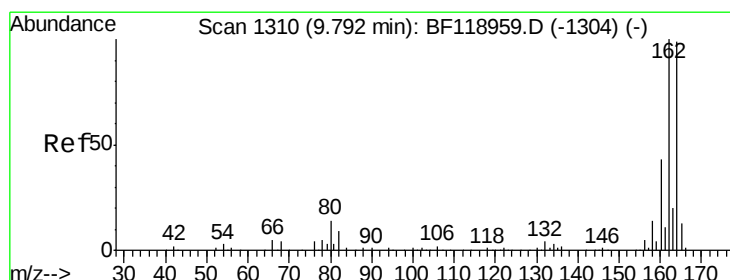
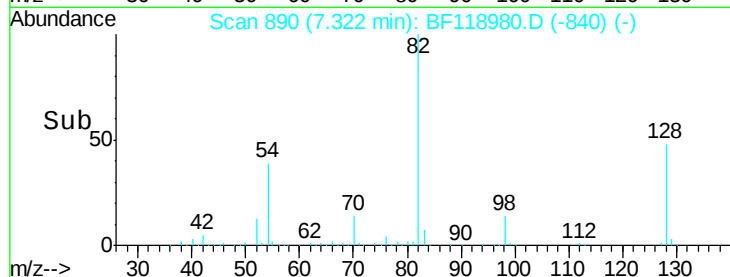
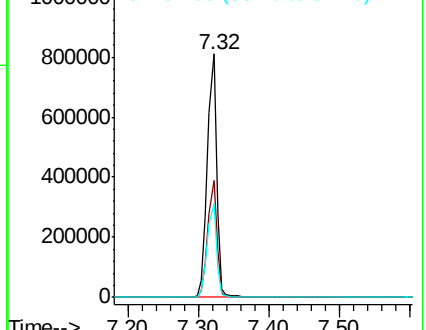
54 38.8 31.3 46.9



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# 1310

Delta R.T. -0.00 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

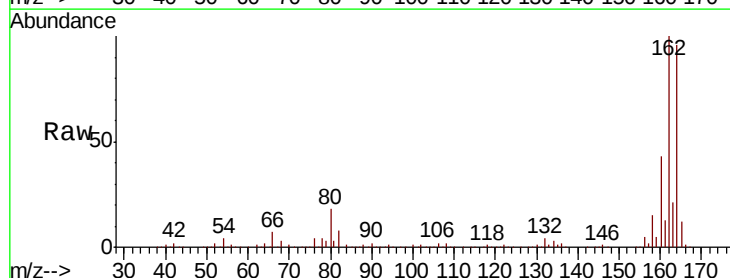
Tgt Ion: 164 Resp: 365251

Ion Ratio Lower Upper

164 100

162 103.9 81.2 121.8

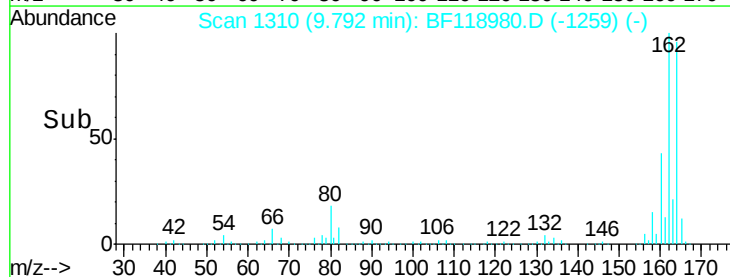
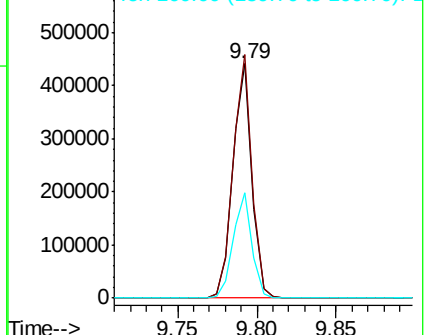
160 45.0 35.2 52.8



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: 70.908 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-064

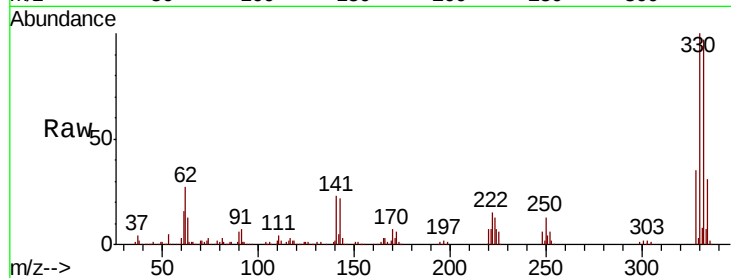
Tot Ion:330 Resp: 338807

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

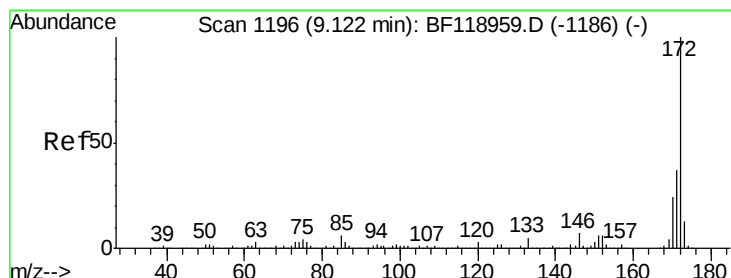
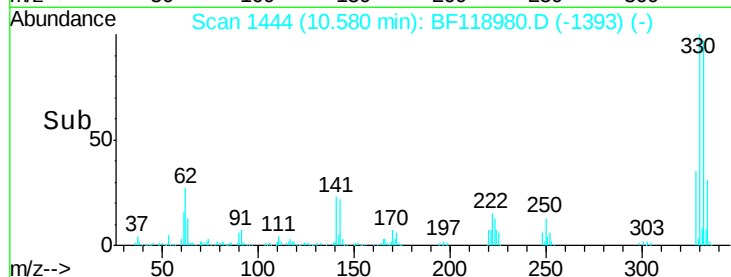
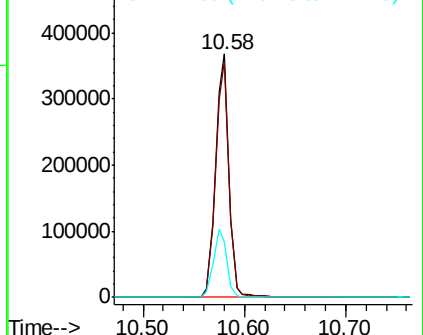
141 28.2 23.0 34.6



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: 57.603 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

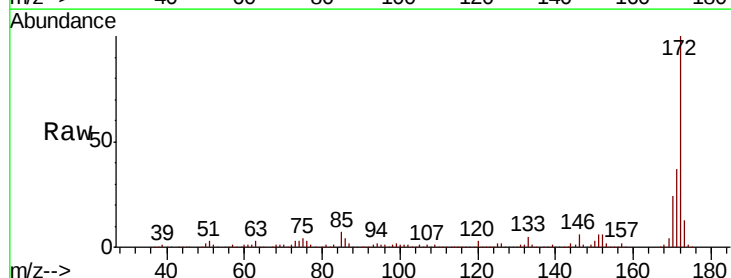
Tgt Ion:172 Resp: 1428191

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.2

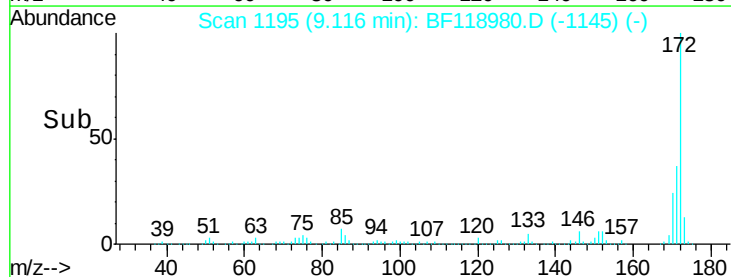
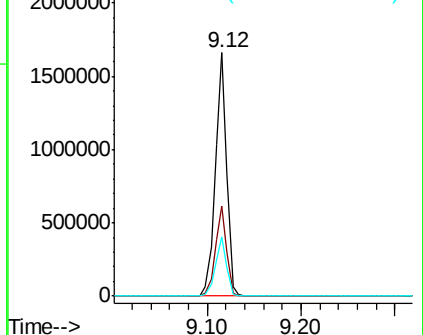
170 24.3 19.6 29.4

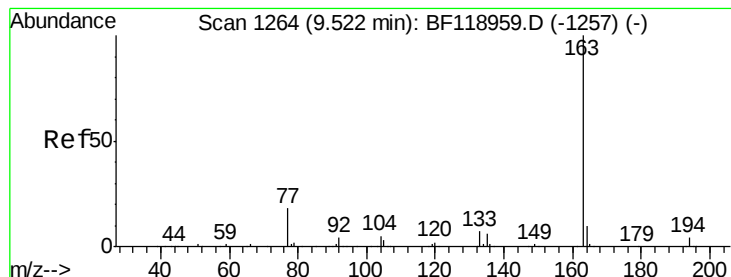


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.460 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-064

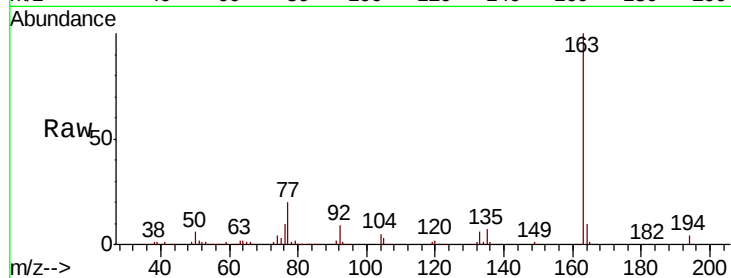
Tot Ion:163 Resp: 152497

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

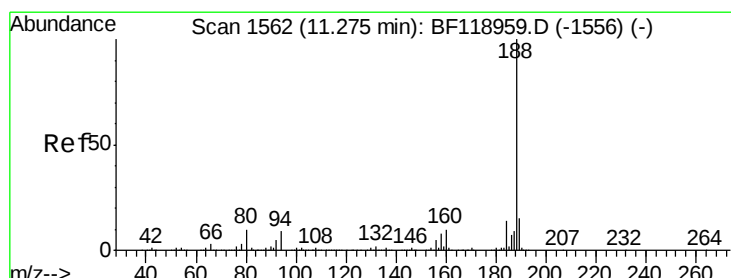
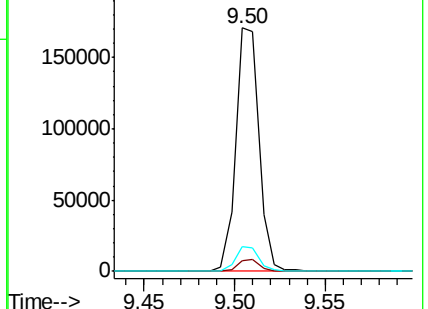
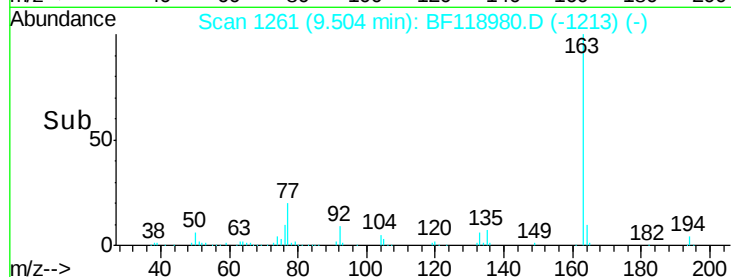
164 10.3 8.2 12.2



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: BF118980.D

Acq: 21 Feb 2020 1:31

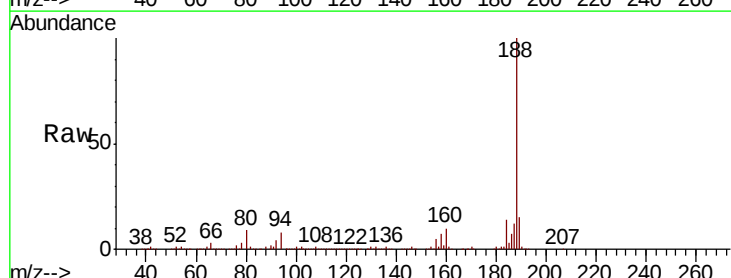
Tgt Ion:188 Resp: 571763

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

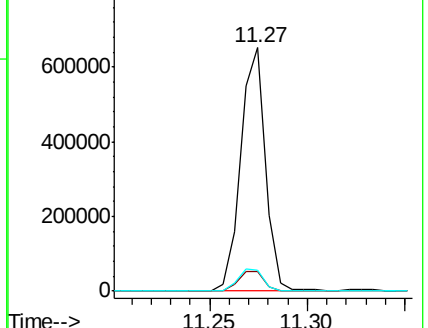
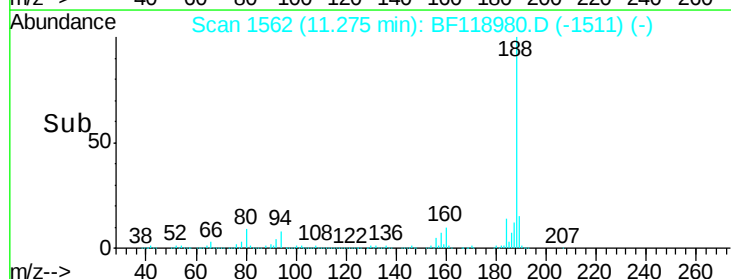
80 8.8 7.9 11.9

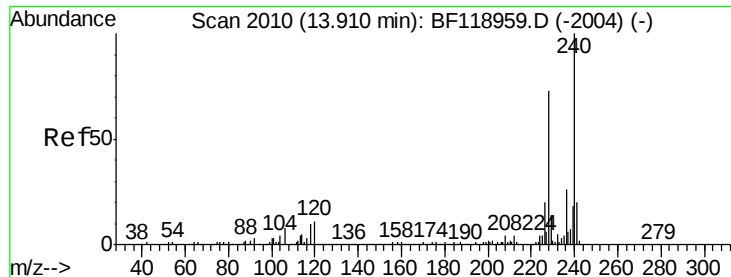


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

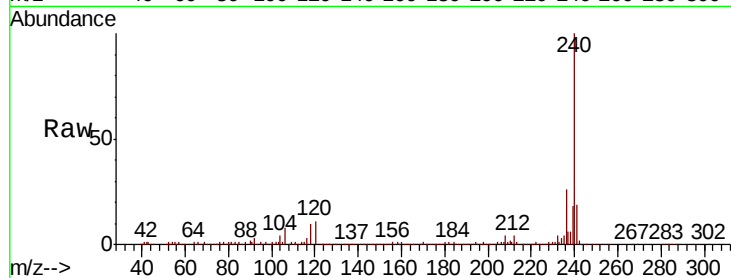




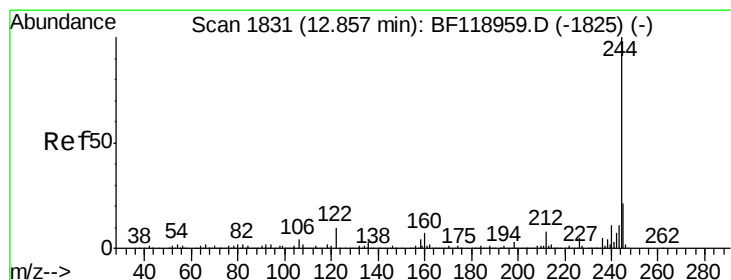
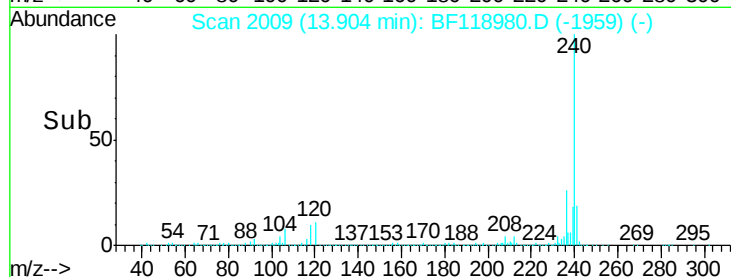
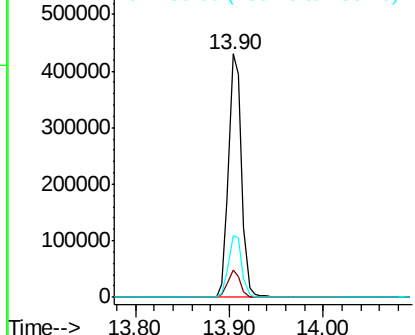
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF118980.D
 Acq: 21 Feb 2020 1:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-064

Tot Ion:240 Resp: 416801
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.9 13.3
 236 25.6 20.6 30.8

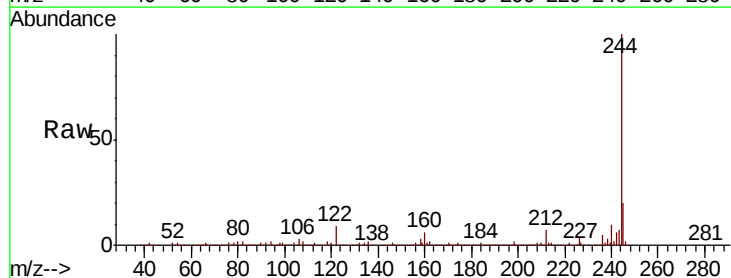


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

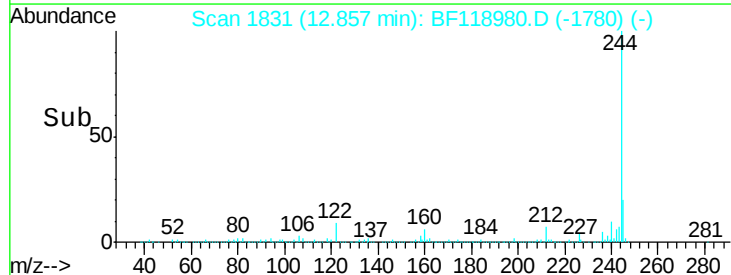
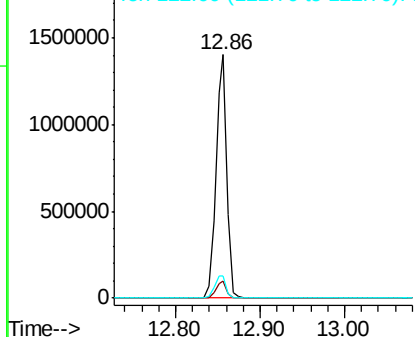


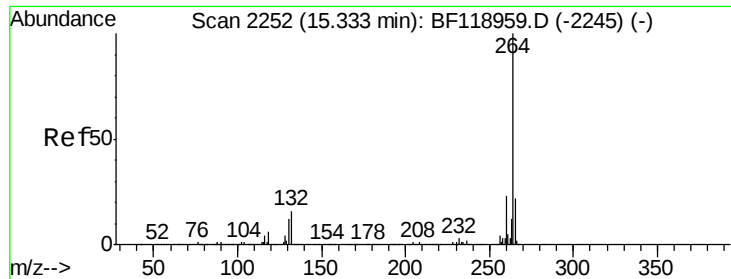
#79
 Terphenyl-d14
 Concen: 53.383 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF118980.D
 Acq: 21 Feb 2020 1:31

Tgt Ion:244 Resp: 1292347
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 9.1 8.4 12.6



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
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF118980.D
Acq: 21 Feb 2020 1:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-064

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.7	17.3	25.9

