

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119133.D
 Acq On : 28 Feb 2020 15:59
 Operator : CG/JU
 Sample : L1688-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-02-022420

Quant Time: Mar 02 02:58:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

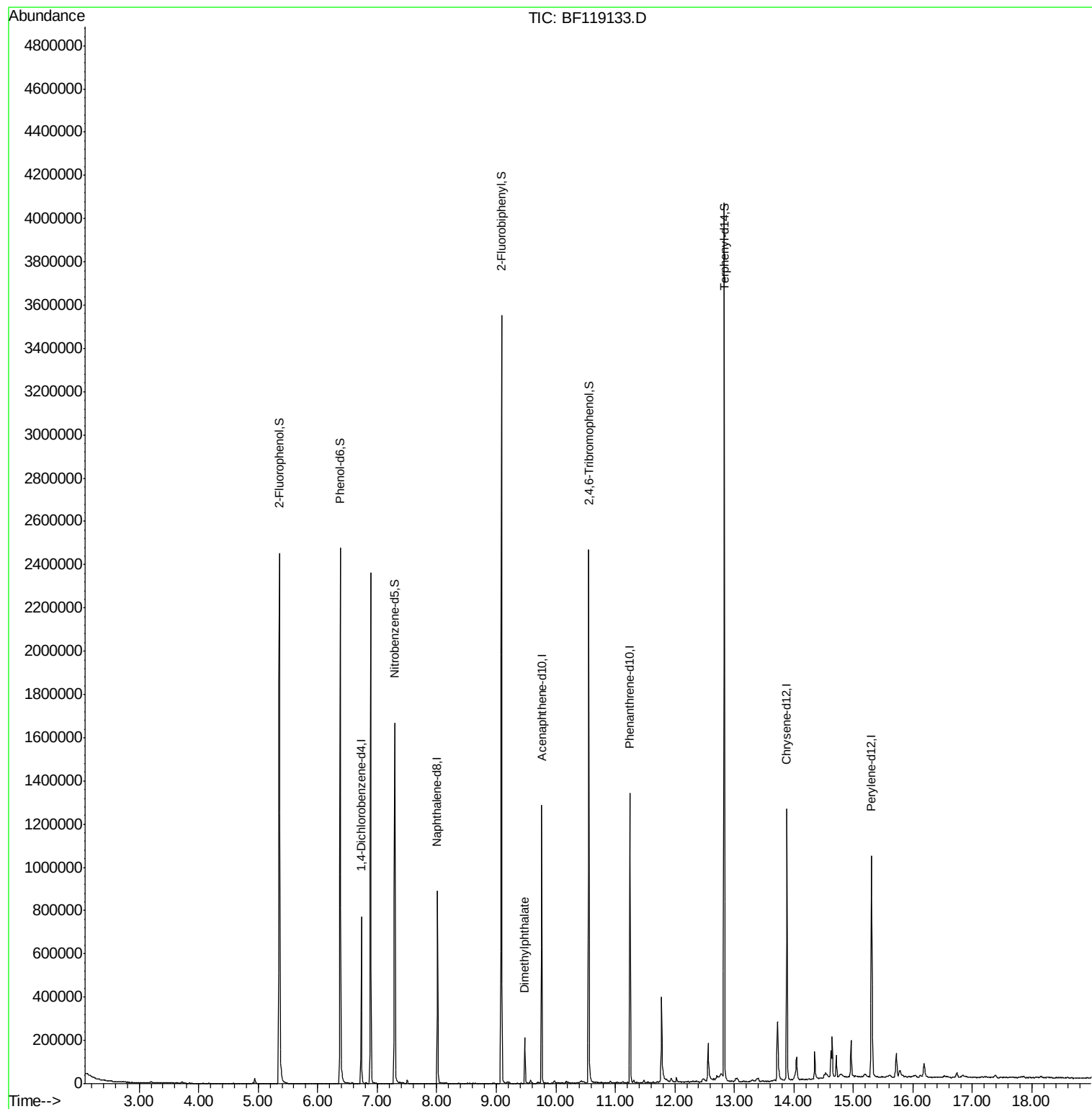
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	120425	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	457216	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	255242	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	487476	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	423124	20.00	ng	-0.02
87) Perylene-d12	15.30	264	433610	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	744253	103.28	ng	-0.01
7) Phenol-d6	6.38	99	917662	104.71	ng	-0.02
23) Nitrobenzene-d5	7.29	82	608501	70.27	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	344231	103.09	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1172572	67.68	ng	-0.02
79) Terphenyl-d14	12.83	244	1534859	62.45	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.48	163	84604	4.335	ng	Qvalue 98

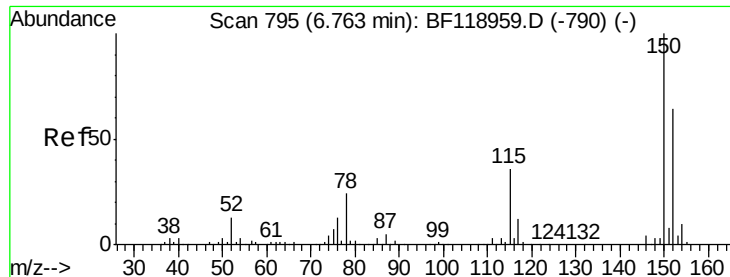
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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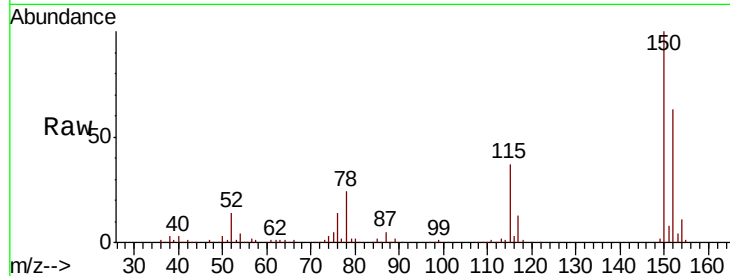


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119133.D
Acq: 28 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
GP-02-022420

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.0	184.6
115	58.7	49.5	74.3

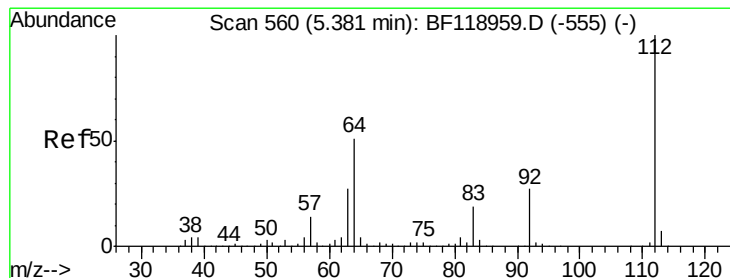
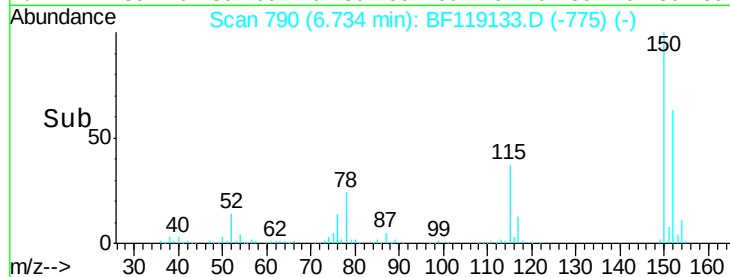
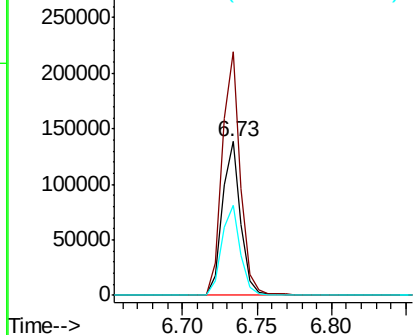


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

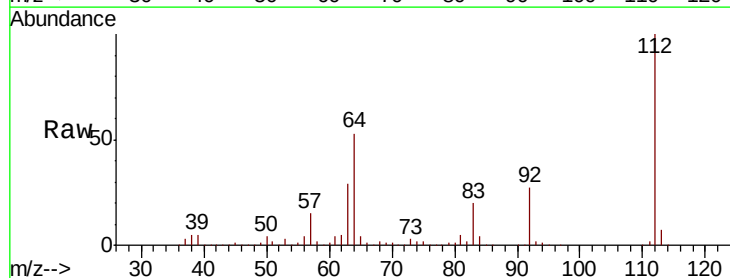
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.282 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119133.D
Acq: 28 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	45.0	67.4
63	28.6	24.2	36.4

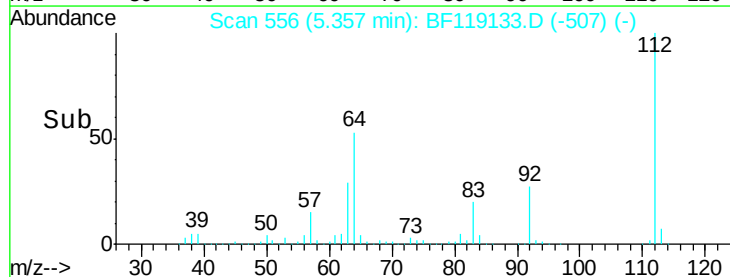
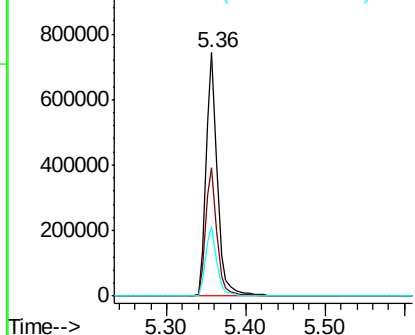


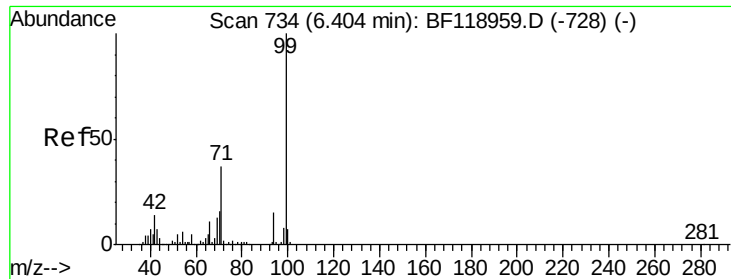
Abundance

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: 104.710 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

GP-02-022420

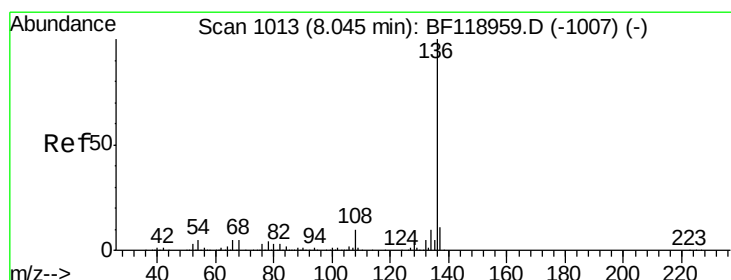
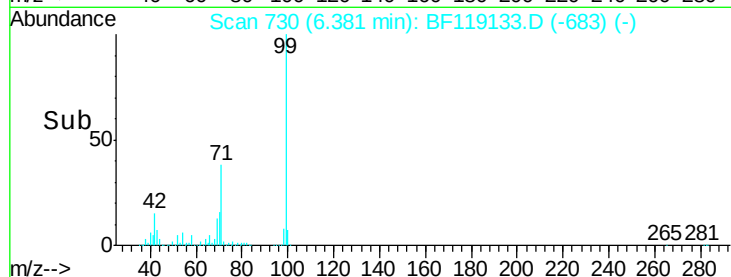
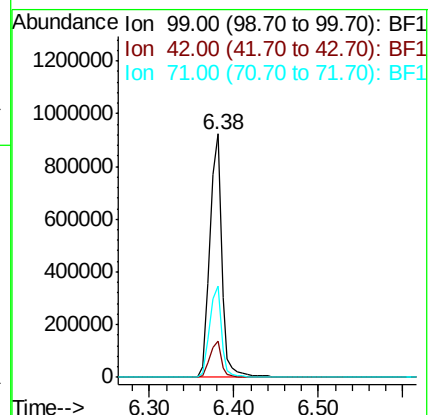
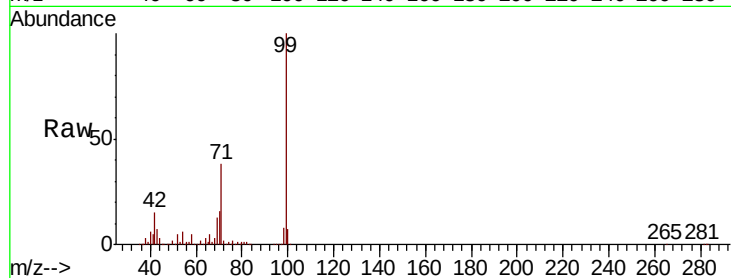
Tot Ion: 99 Resp: 917662

Ion Ratio Lower Upper

99 100

42 14.7 12.6 18.8

71 37.7 31.0 46.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

Tgt Ion: 136 Resp: 457216

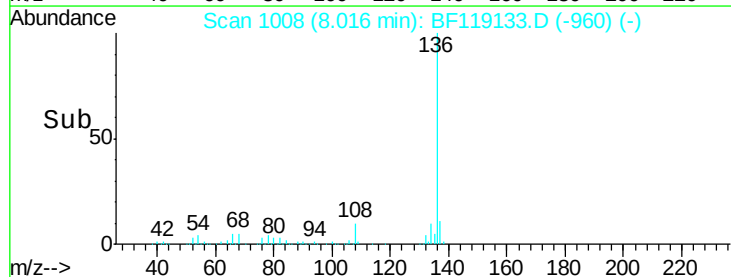
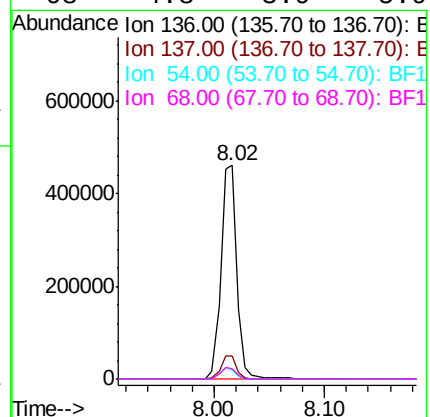
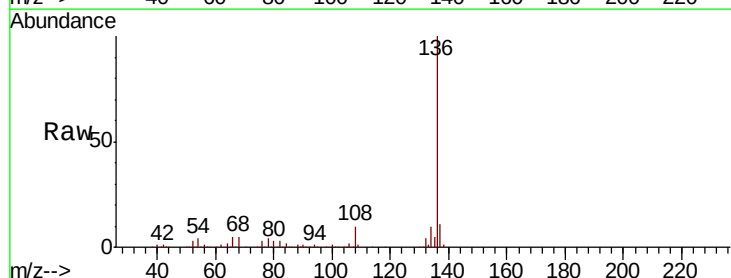
Ion Ratio Lower Upper

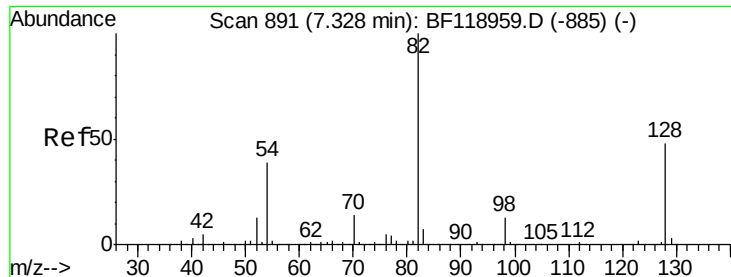
136 100

137 10.8 8.8 13.2

54 4.5 3.8 5.6

68 4.8 3.9 5.9

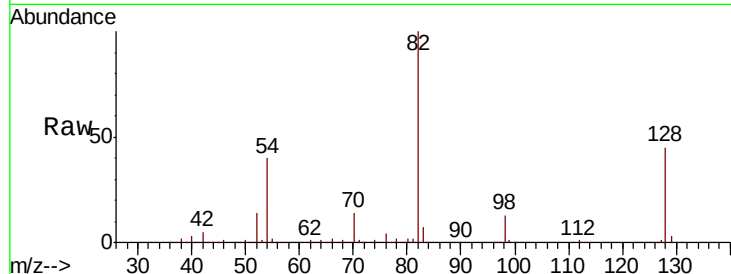




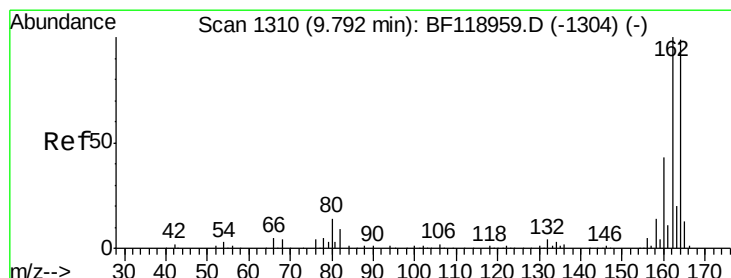
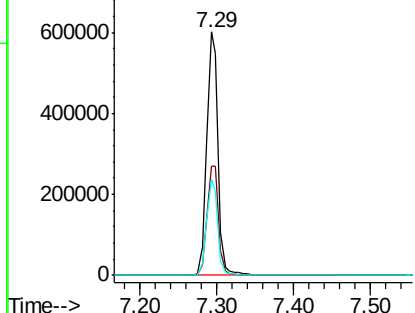
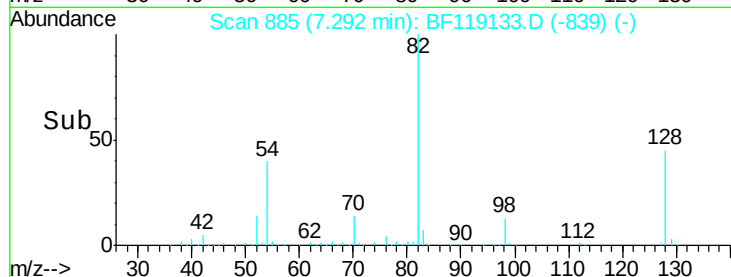
#23
 Nitrobenzene-d5
 Concen: 70.271 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119133.D
 Acq: 28 Feb 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 GP-02-022420

Tot Ion: 82 Resp: 608501
 Ion Ratio Lower Upper
 82 100
 128 45.1 37.9 56.9
 54 39.7 33.4 50.2

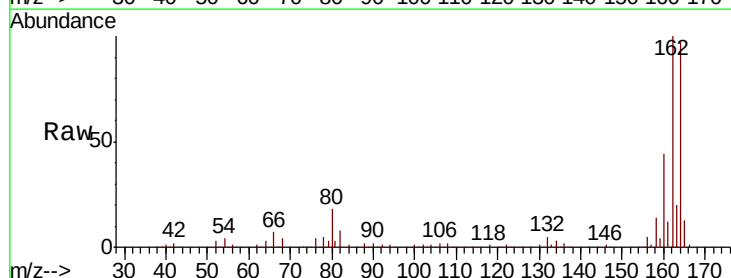


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

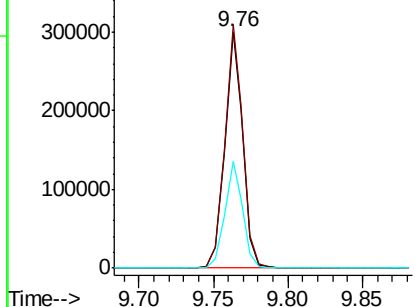
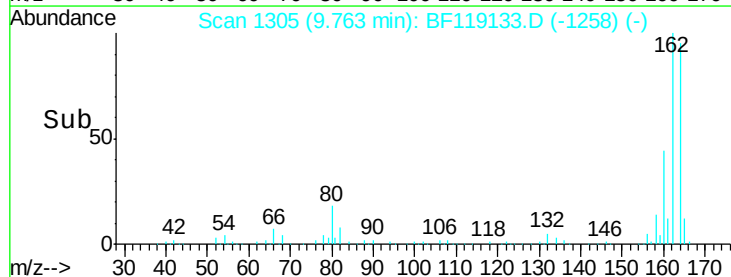


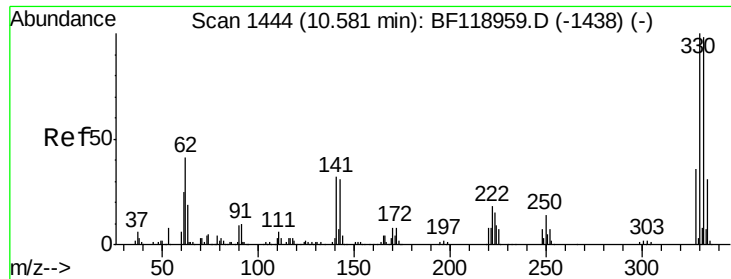
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119133.D
 Acq: 28 Feb 2020 15:59

Tgt Ion: 164 Resp: 255242
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.8 122.8
 160 45.0 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: 103.094 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

GP-02-022420

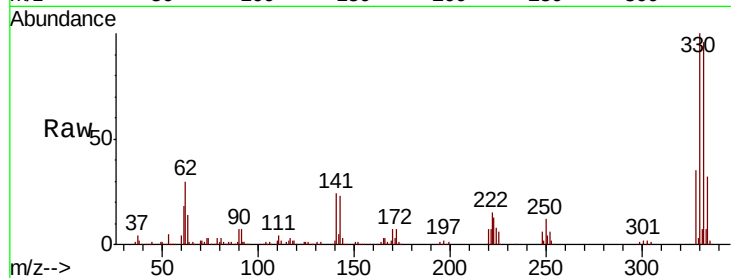
Tot Ion:330 Resp: 344231

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

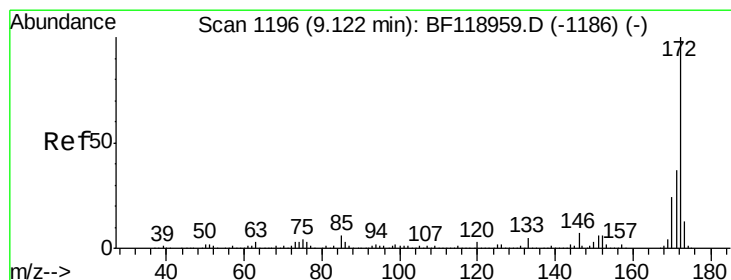
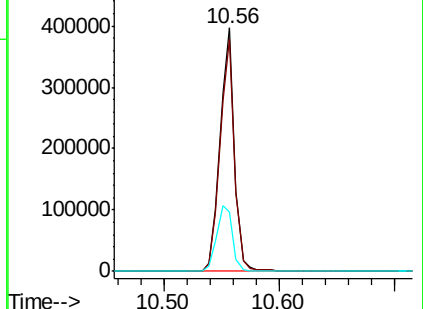
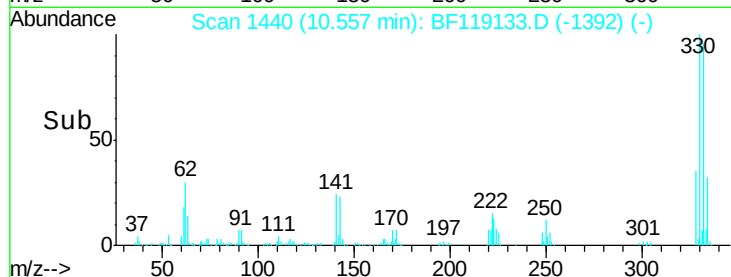
141 29.9 22.9 34.3



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: 67.677 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

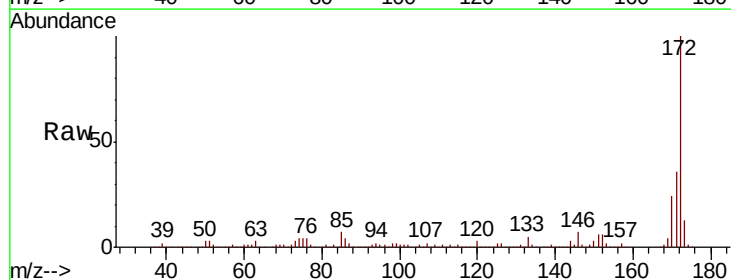
Tgt Ion:172 Resp: 1172572

Ion Ratio Lower Upper

172 100

171 36.4 30.6 45.8

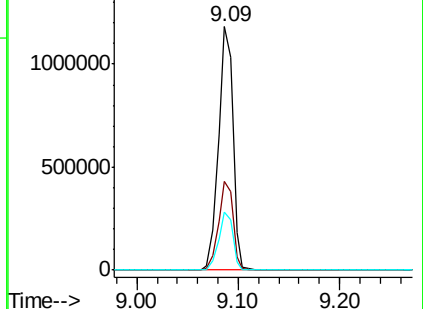
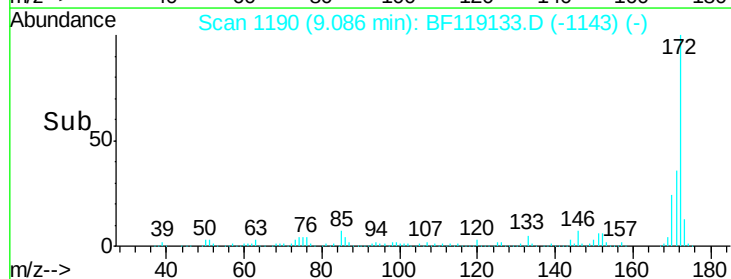
170 24.1 20.2 30.2

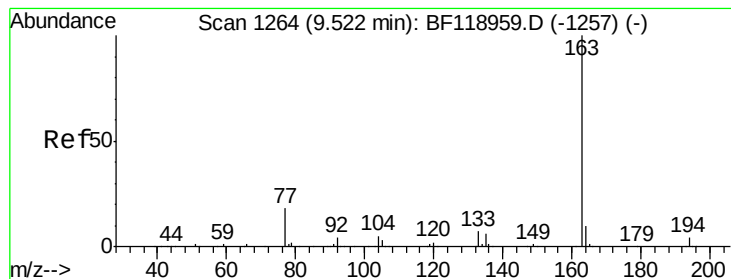


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.335 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

GP-02-022420

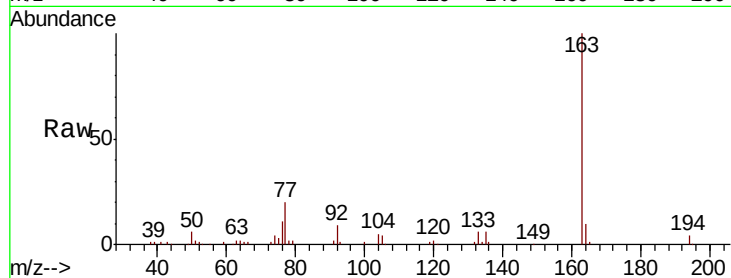
Tot Ion:163 Resp: 84604

Ion Ratio Lower Upper

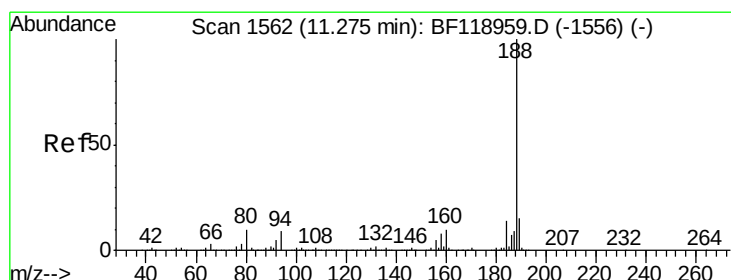
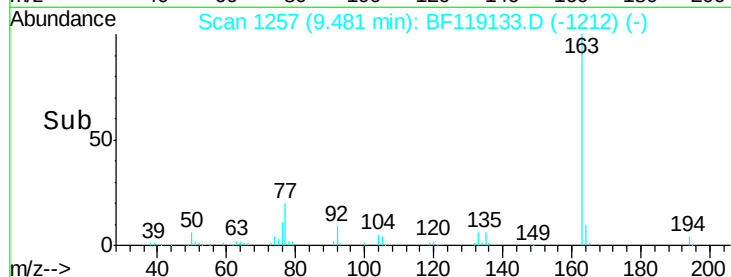
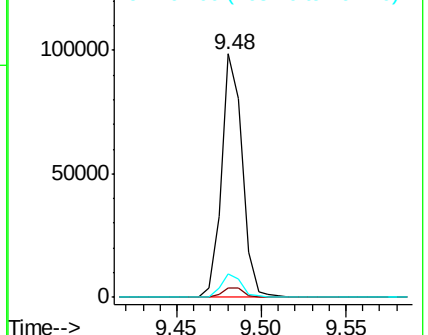
163 100

194 4.1 3.5 5.3

164 9.8 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: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

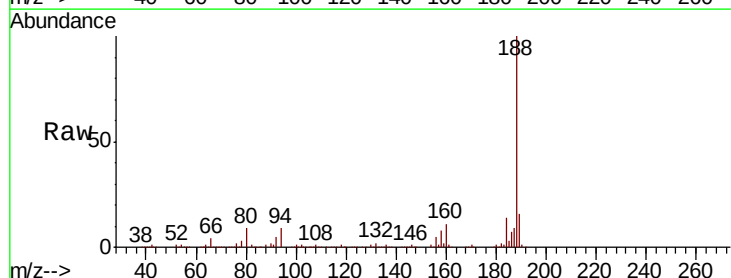
Tgt Ion:188 Resp: 487476

Ion Ratio Lower Upper

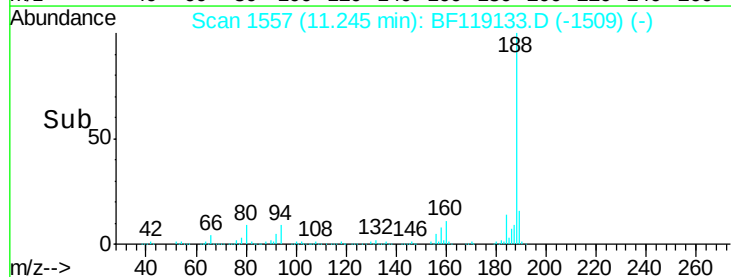
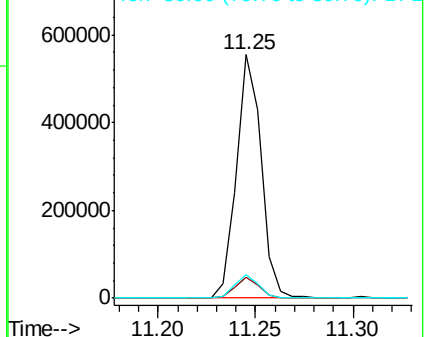
188 100

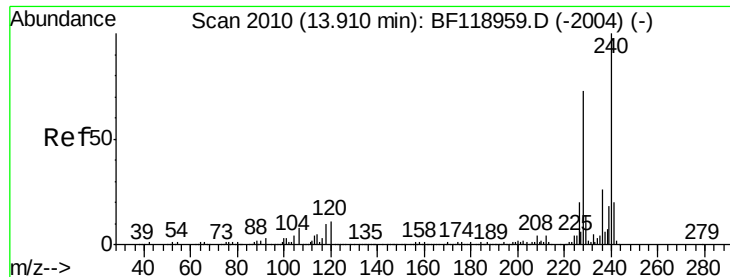
94 8.8 7.1 10.7

80 9.4 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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

GP-02-022420

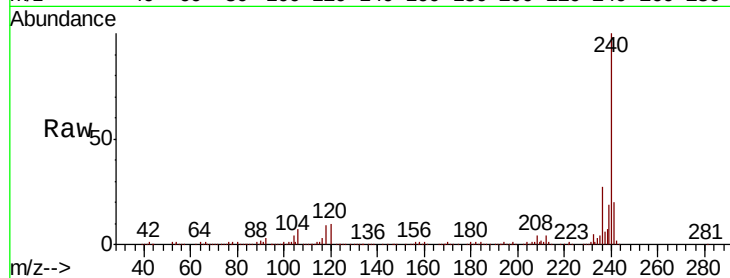
Tot Ion:240 Resp: 423124

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

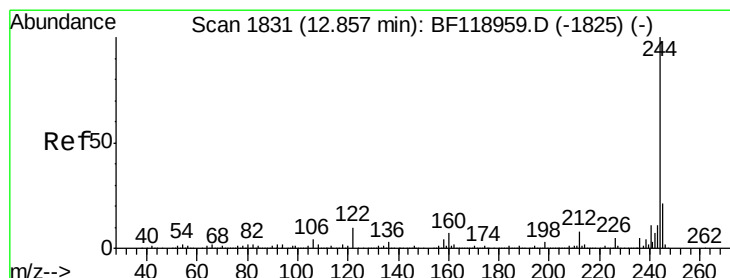
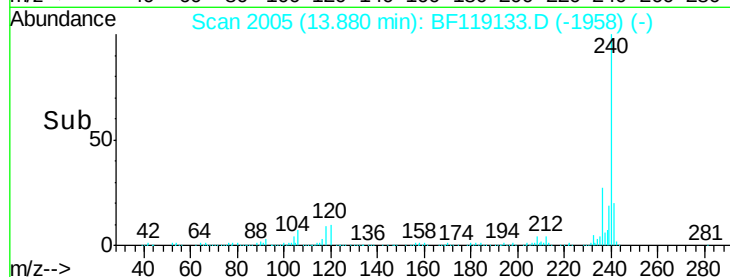
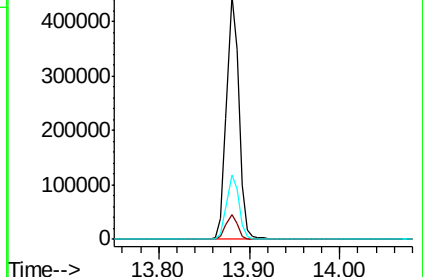
236 26.6 21.0 31.4



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: 62.453 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

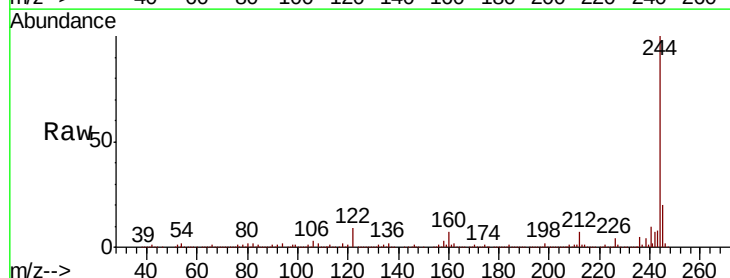
Tgt Ion:244 Resp: 1534859

Ion Ratio Lower Upper

244 100

212 7.0 6.6 10.0

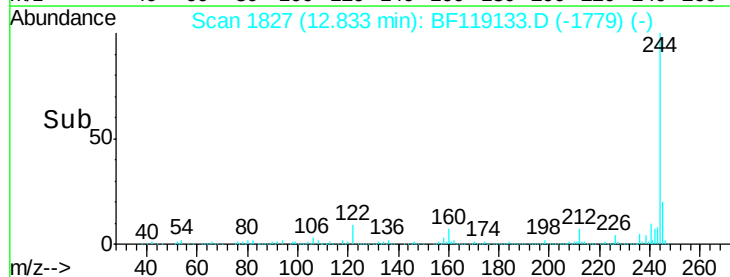
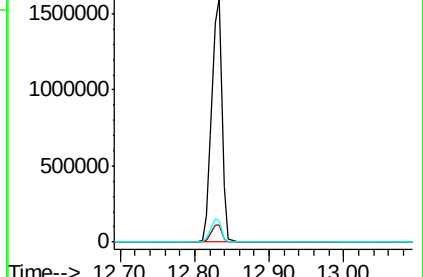
122 8.7 8.2 12.2

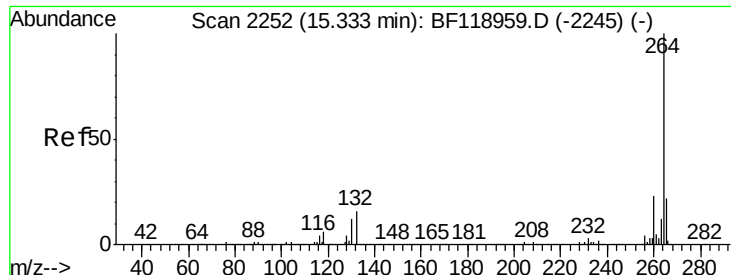


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119133.D
 Acq: 28 Feb 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 GP-02-022420

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.6	17.7	26.5

