

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120899.D
 Acq On : 16 Jul 2020 21:55
 Operator : JU/CG
 Sample : L3308-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7

Quant Time: Jul 17 02:34:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

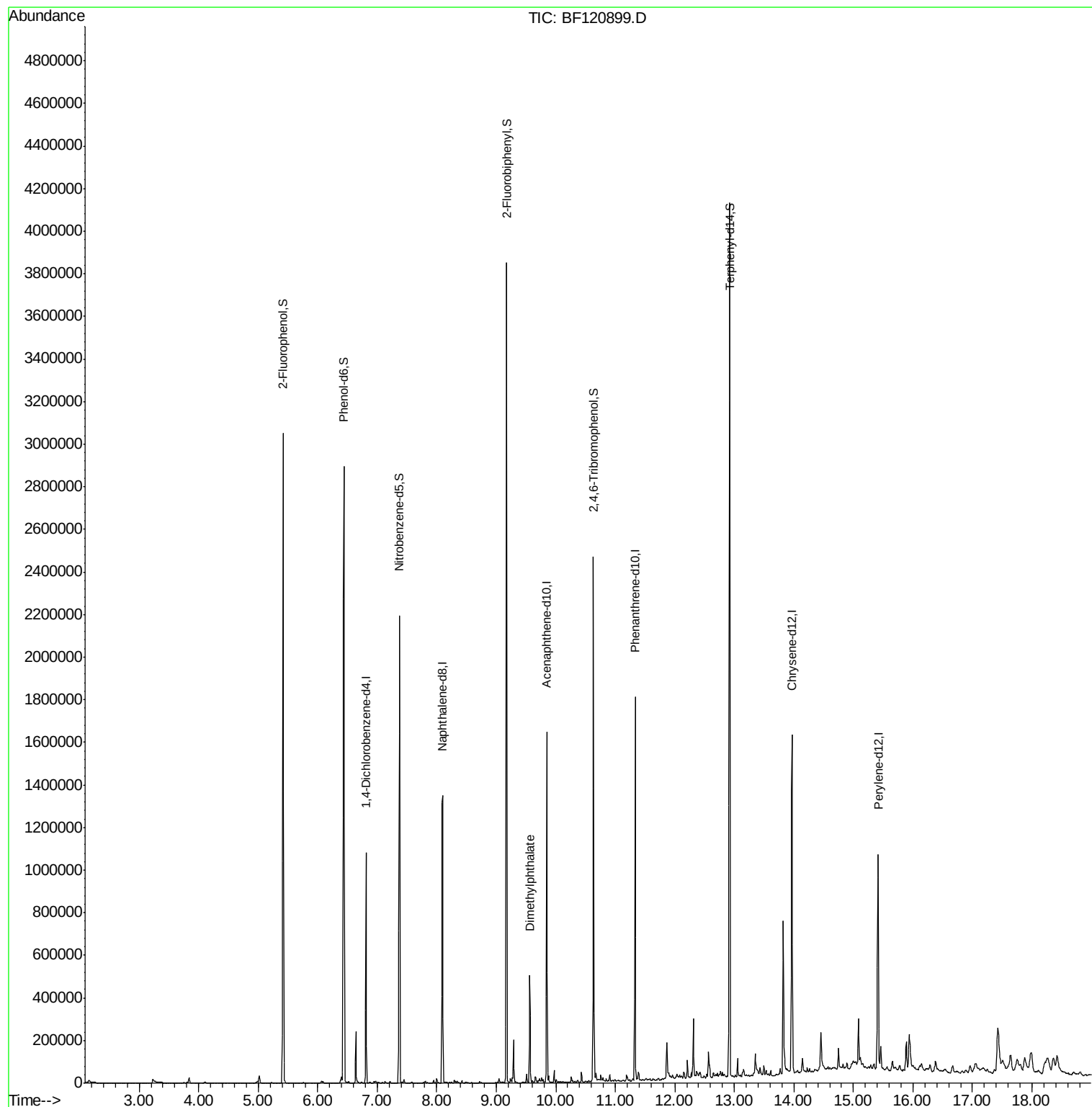
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154281	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	614894	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	324313	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	634558	20.00	ng	0.00
76) Chrysene-d12	13.97	240	526021	20.00	ng	0.00
86) Perylene-d12	15.42	264	448991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	877060	93.19	ng	0.00
7) Phenol-d6	6.44	99	1079675	88.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	662687	62.36	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	326035	91.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1199433	55.22	ng	0.00
79) Terphenyl-d14	12.92	244	1364684	56.40	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	174171	7.444	ng	99

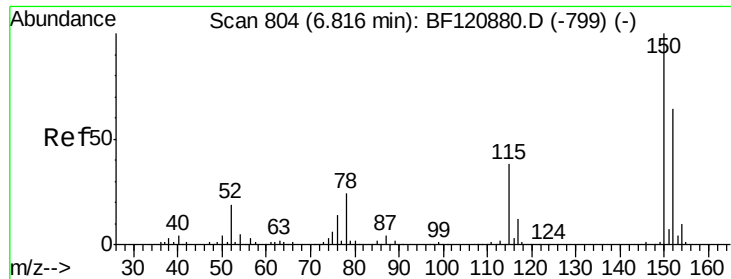
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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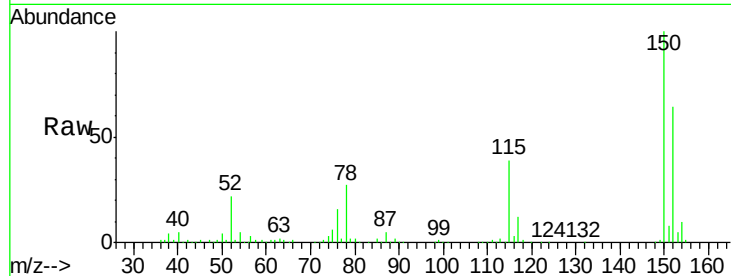


#1

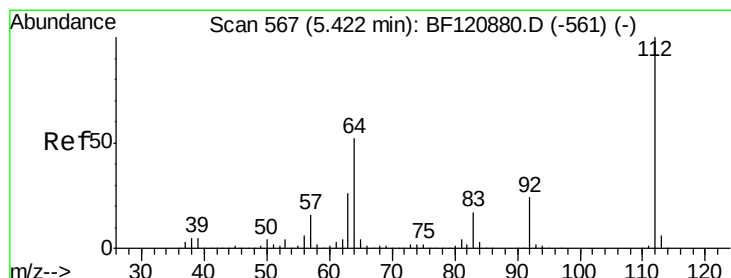
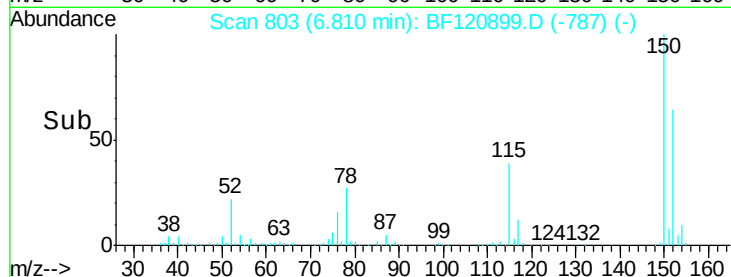
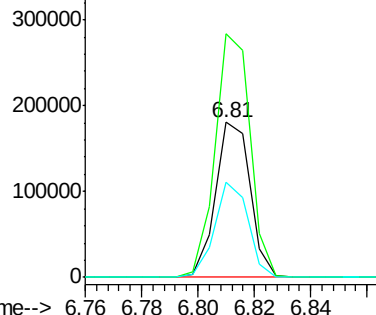
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120899.D
Acq: 16 Jul 2020 21:55

Instrument :
BNA_F
ClientSampleId :
7

Tot Ion:152 Resp: 154281
Ion Ratio Lower Upper
152 100
150 157.1 125.0 187.6
115 61.5 47.0 70.4



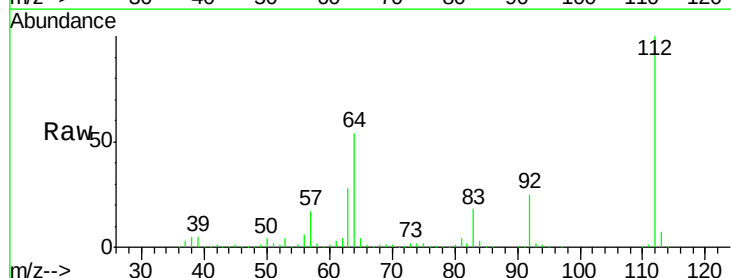
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



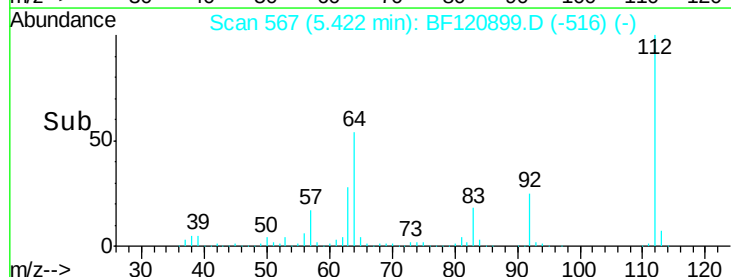
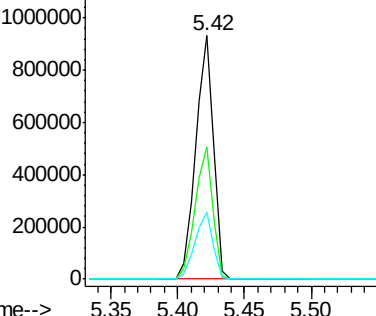
#5

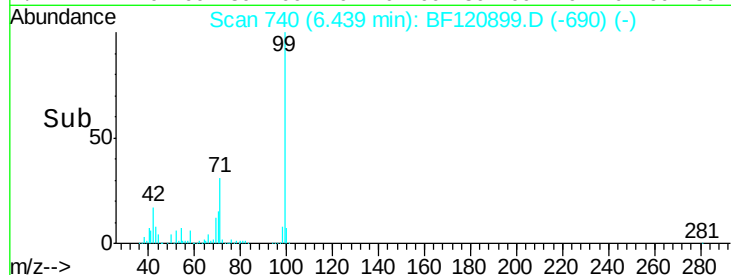
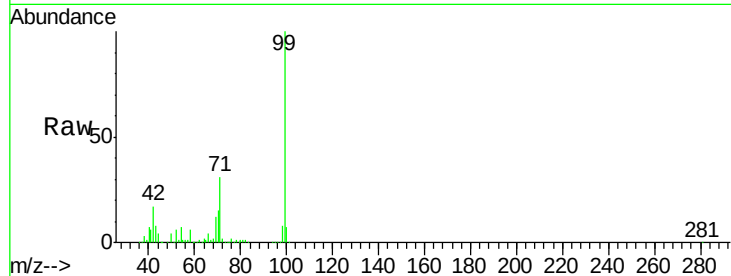
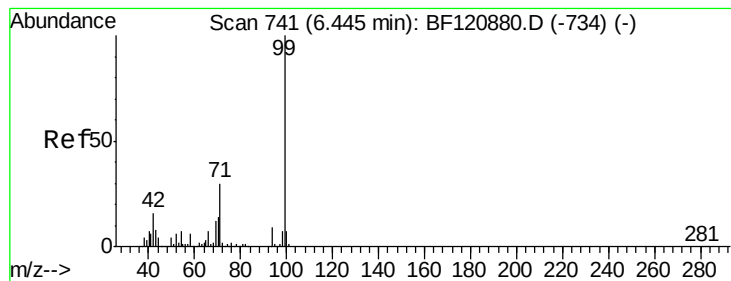
2-Fluorophenol
Concen: 93.194 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120899.D
Acq: 16 Jul 2020 21:55

Tgt Ion:112 Resp: 877060
Ion Ratio Lower Upper
112 100
64 54.1 41.3 61.9
63 27.7 21.1 31.7



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: 88.813 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120899.D

Acq: 16 Jul 2020 21:55

Instrument :

BNA_F

ClientSampled :

7

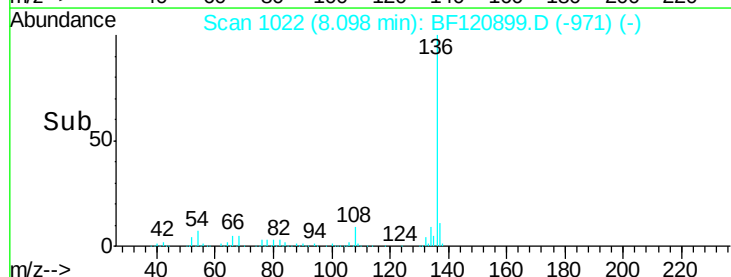
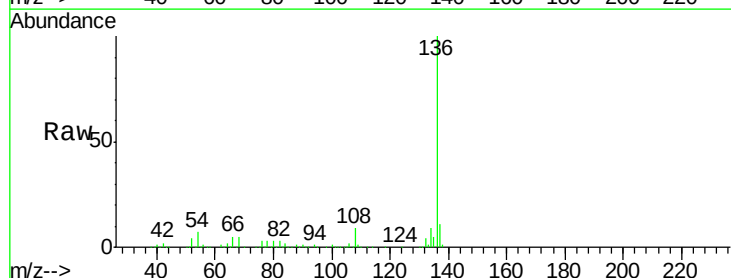
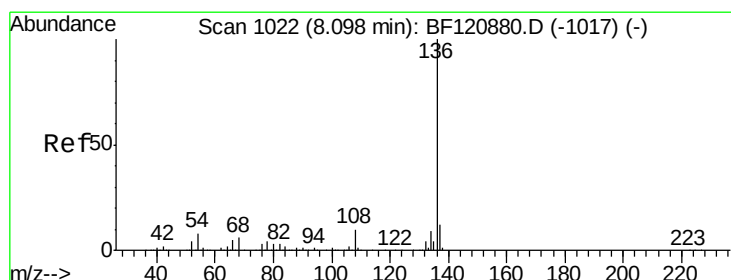
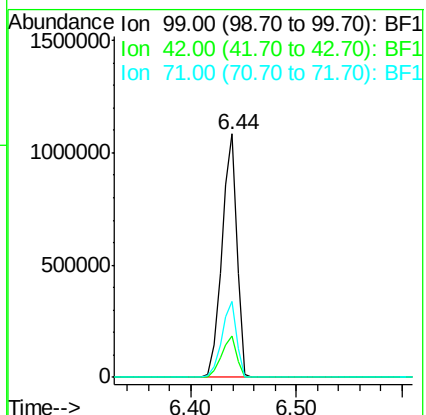
Tot Ion: 99 Resp: 1079675

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

71 31.3 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120899.D

Acq: 16 Jul 2020 21:55

Tgt Ion: 136 Resp: 614894

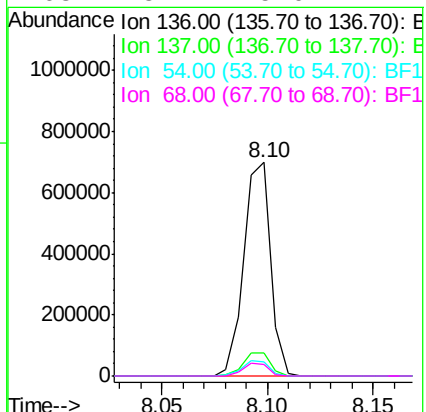
Ion Ratio Lower Upper

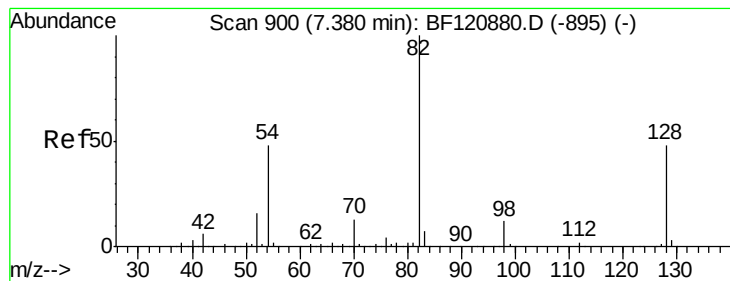
136 100

137 10.8 9.3 13.9

54 6.6 6.3 9.5

68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 62.361 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120899.D

Acq: 16 Jul 2020 21:55

Instrument :

BNA_F

ClientSampleId :

7

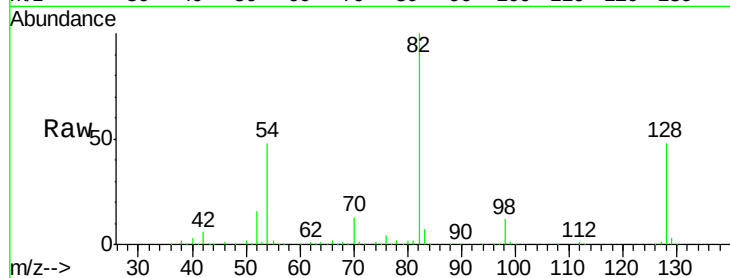
Tot Ion: 82 Resp: 662687

Ion Ratio Lower Upper

82 100

128 48.0 38.2 57.4

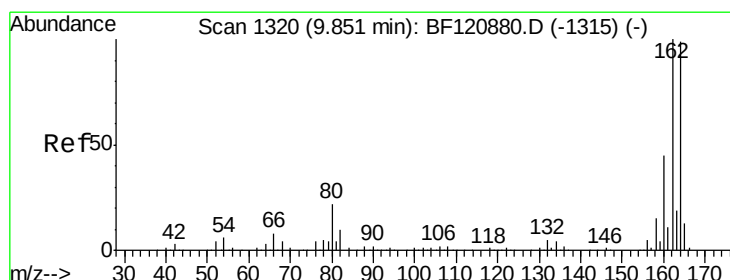
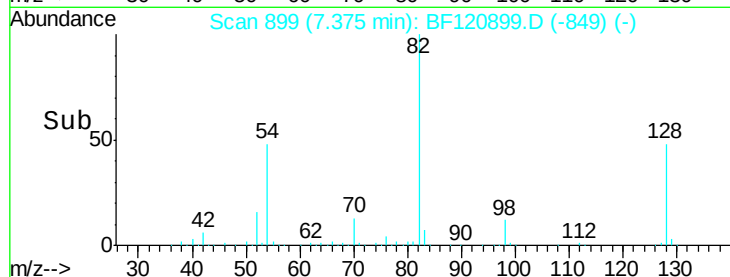
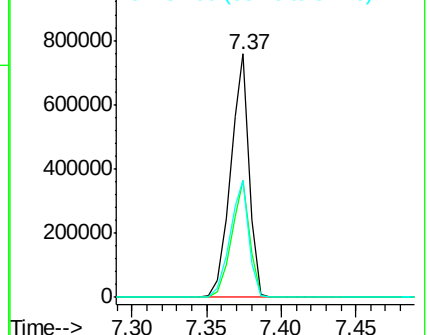
54 48.1 38.7 58.1



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120899.D

Acq: 16 Jul 2020 21:55

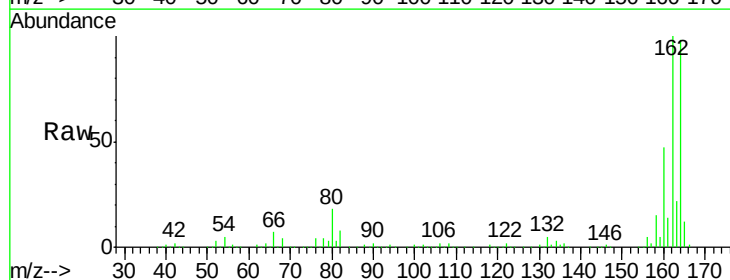
Tgt Ion:164 Resp: 324313

Ion Ratio Lower Upper

164 100

162 101.7 81.2 121.8

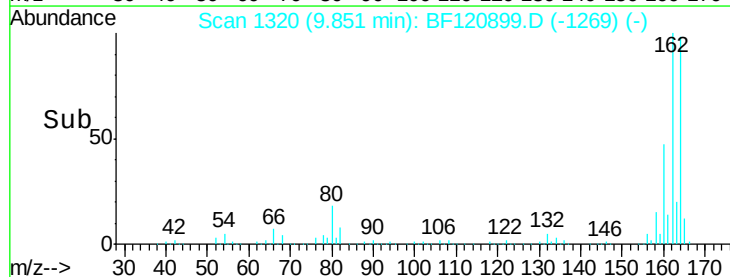
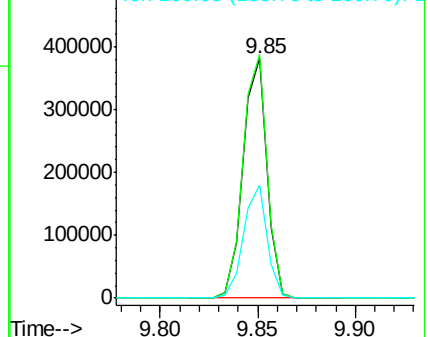
160 47.3 36.9 55.3

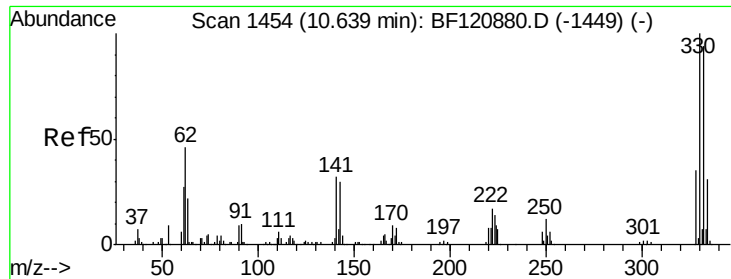


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

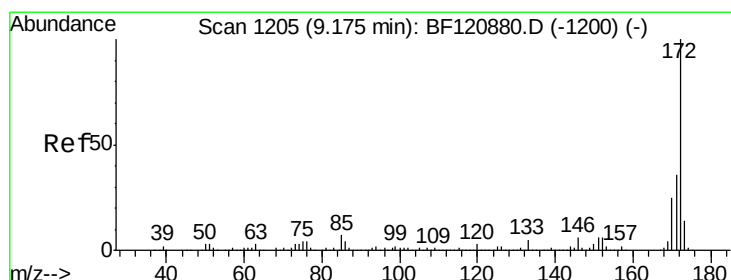
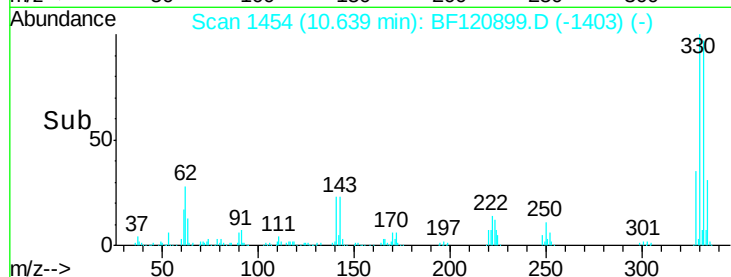
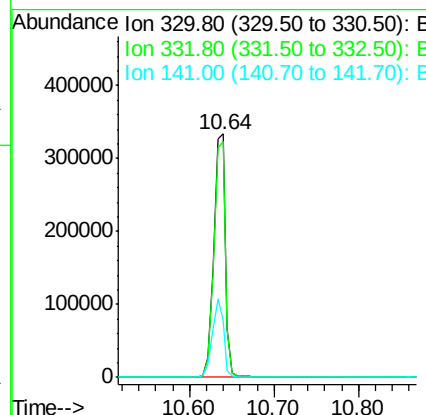
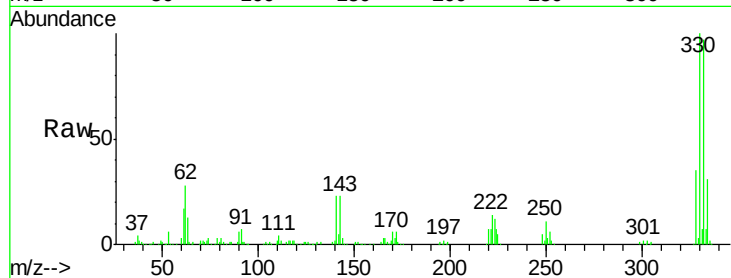




#42
 2,4,6-Tribromophenol
 Concen: 91.843 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120899.D
 Acq: 16 Jul 2020 21:55

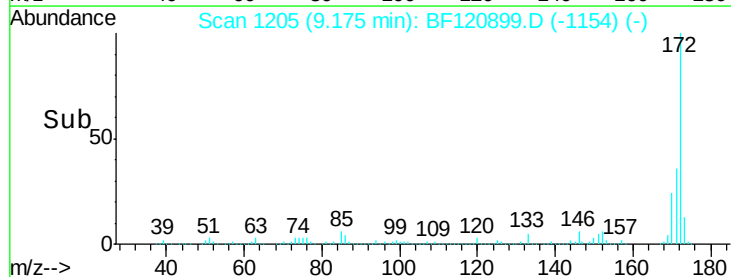
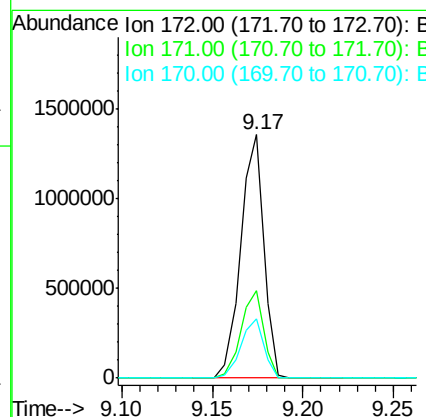
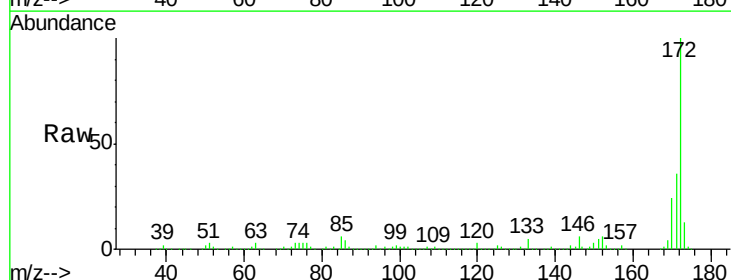
Instrument :
 BNA_F
 ClientSampleId :
 7

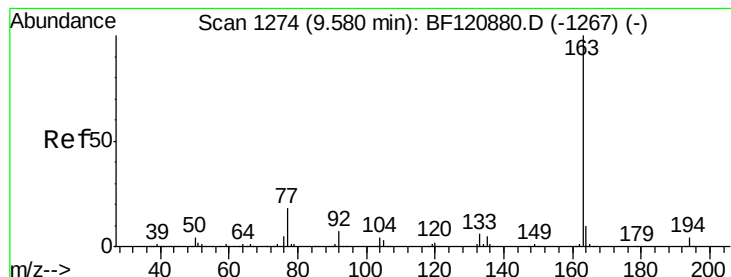
Tot Ion:330 Resp: 326035
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.5 113.3
 141 31.1 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 55.218 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120899.D
 Acq: 16 Jul 2020 21:55

Tgt Ion:172 Resp: 1199433
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.4 19.6 29.4





#50

Dimethylphthalate

Concen: 7.444 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120899.D

Acq: 16 Jul 2020 21:55

Instrument :

BNA_F

ClientSampleId :

7

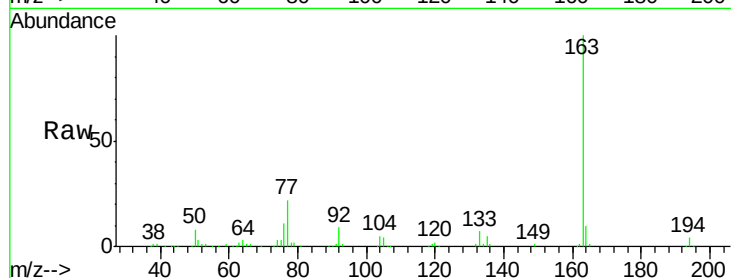
Tot Ion:163 Resp: 174171

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

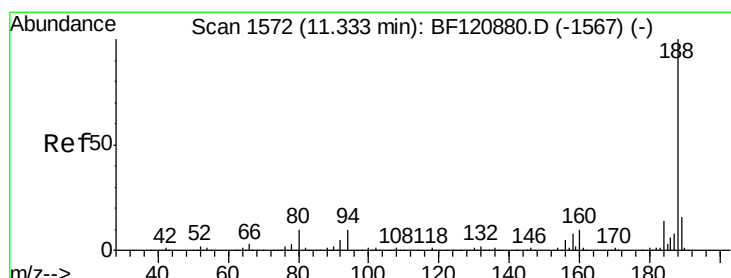
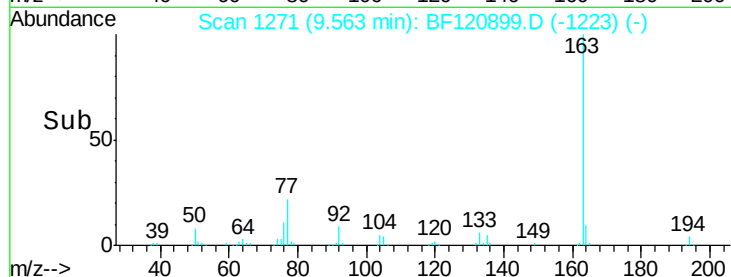
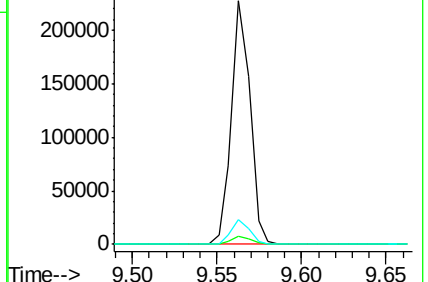
164 10.0 7.9 11.9



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120899.D

Acq: 16 Jul 2020 21:55

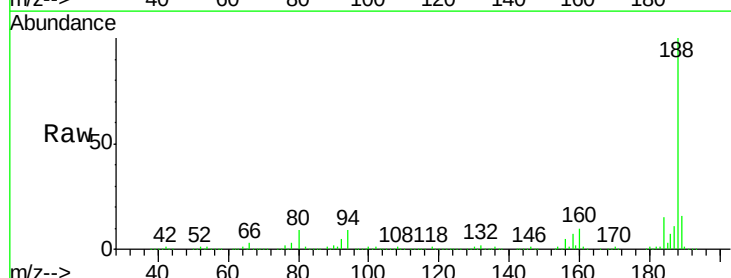
Tgt Ion:188 Resp: 634558

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

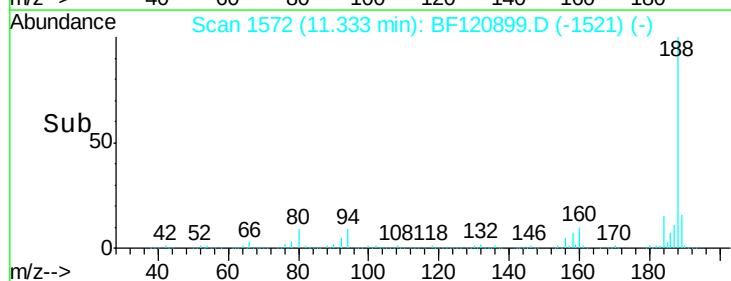
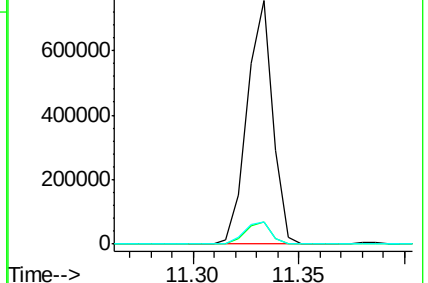
80 9.4 8.3 12.5

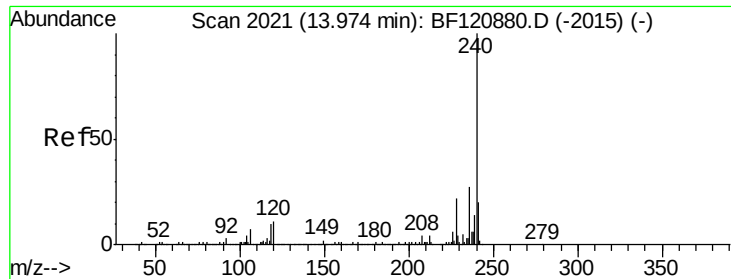


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120899.D

Acq: 16 Jul 2020 21:55

Instrument :

BNA_F

ClientSampleId :

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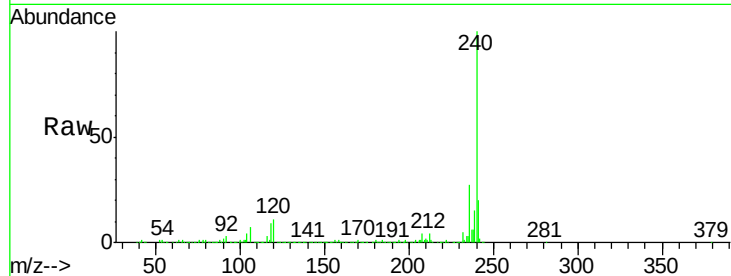
Tot Ion:240 Resp: 526021

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

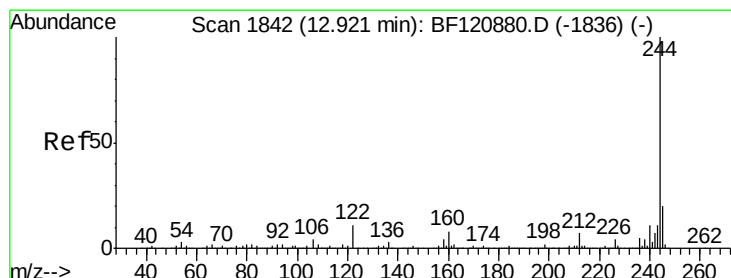
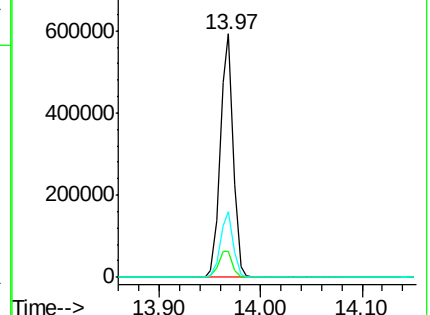
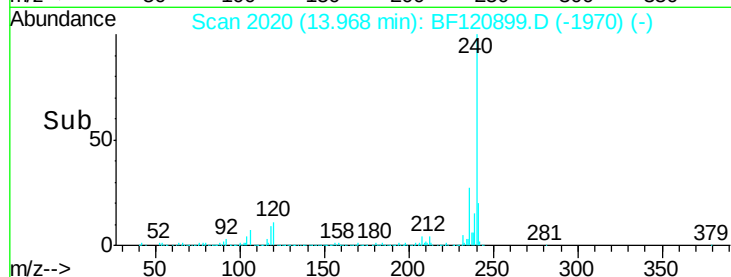
236 26.8 21.7 32.5



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: 56.396 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120899.D

Acq: 16 Jul 2020 21:55

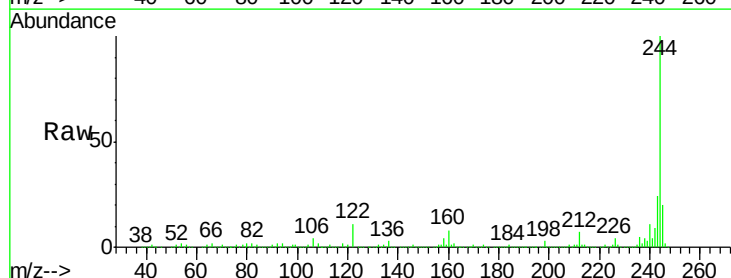
Tgt Ion:244 Resp: 1364684

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

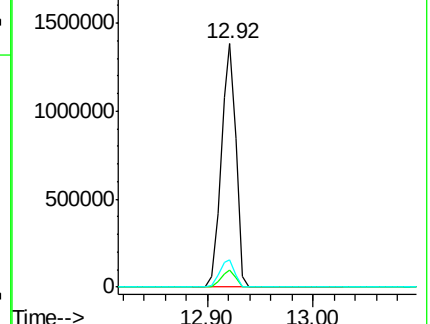
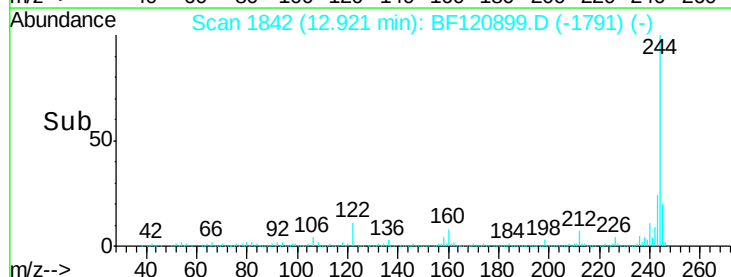
122 11.1 8.9 13.3

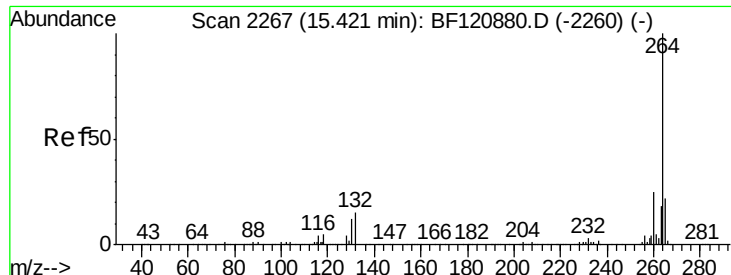


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

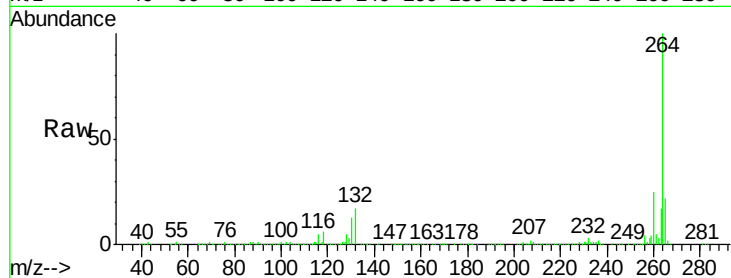




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120899.D
Acq: 16 Jul 2020 21:55

Instrument :
BNA_F
ClientSampleId :
7

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	22.0	17.4	26.2



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

