

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120695.D
 Acq On : 23 Jun 2020 00:33
 Operator : JU/CG
 Sample : L3082-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17

Quant Time: Jun 23 04:13:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

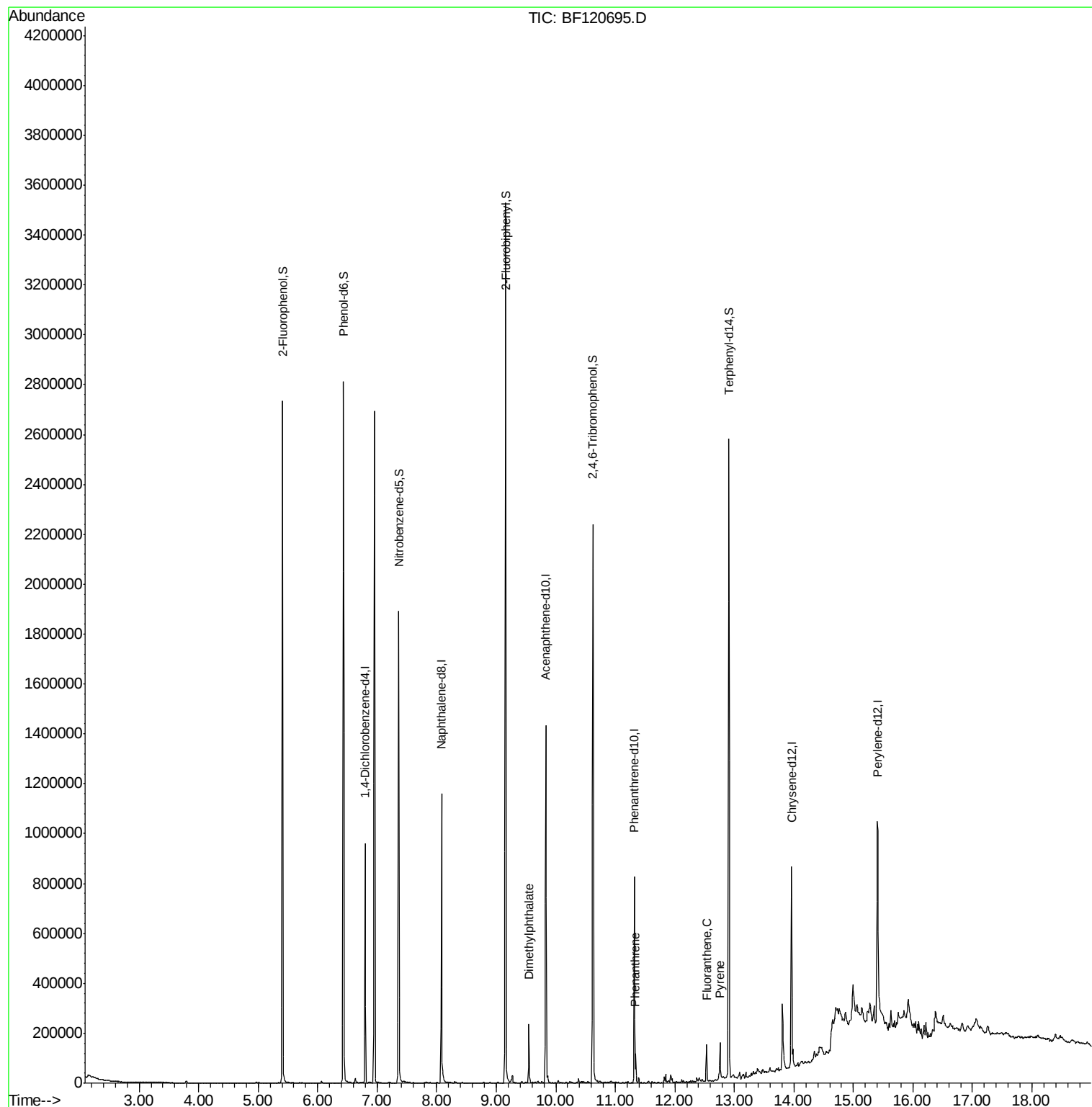
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143406	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	537128	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	265007	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	308330	20.00	ng	0.00
76) Chrysene-d12	13.96	240	263706	20.00	ng	0.00
86) Perylene-d12	15.40	264	393447	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	816888	97.66	ng	0.00
7) Phenol-d6	6.43	99	1009631	96.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	644438	67.06	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	322979	104.83	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1123385	64.86	ng	0.00
79) Terphenyl-d14	12.91	244	951918	79.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	109054	5.714	ng	97
71) Phenanthrene	11.35	178	48786	3.183	ng	97
75) Fluoranthene	12.53	202	59389	3.389	ng	96
78) Pyrene	12.76	202	64532	3.454	ng	98

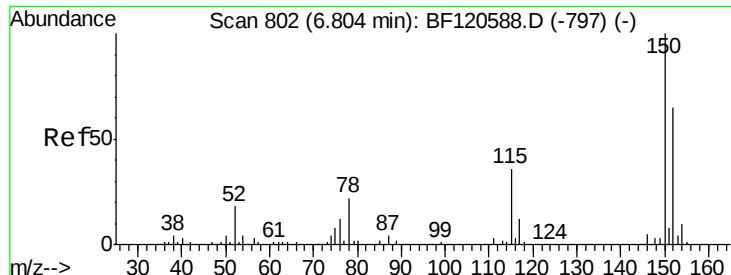
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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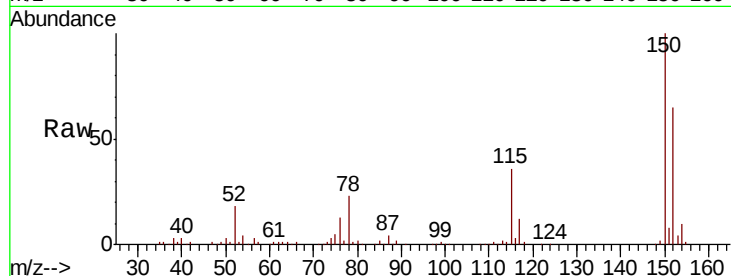


#1

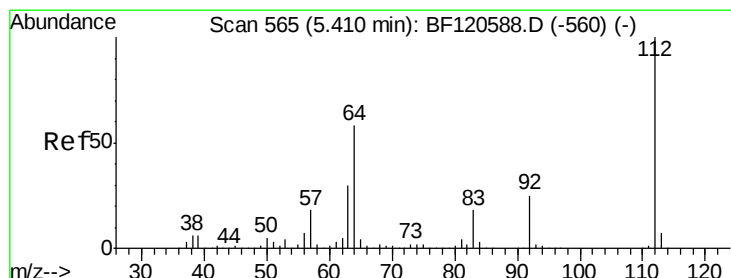
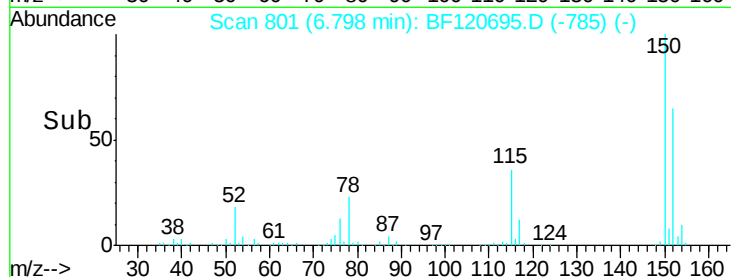
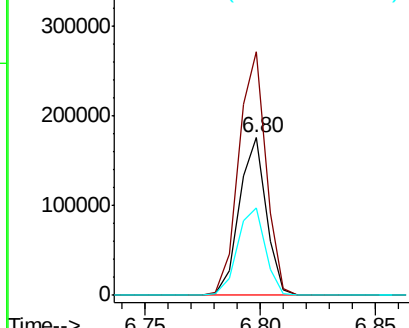
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120695.D
Acq: 23 Jun 2020 00:33

Instrument :
BNA_F
ClientSampleId :
SB-17

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.2	184.8
115	55.5	43.9	65.9



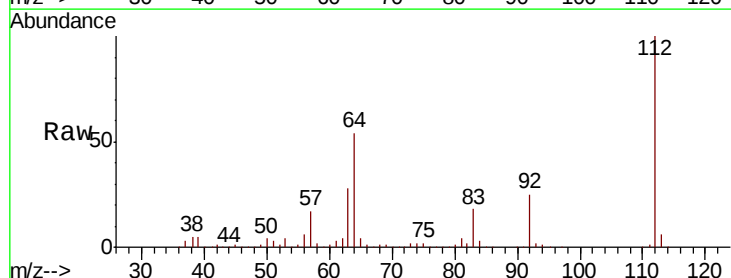
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



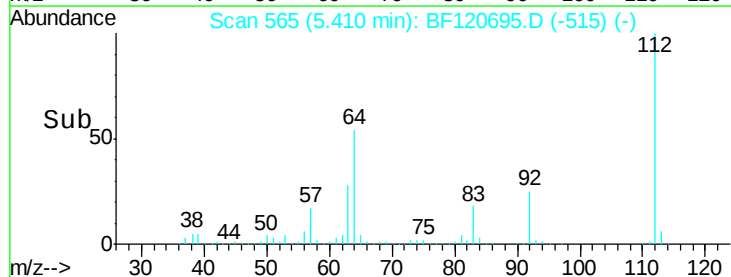
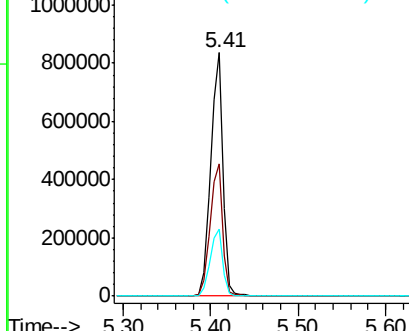
#5

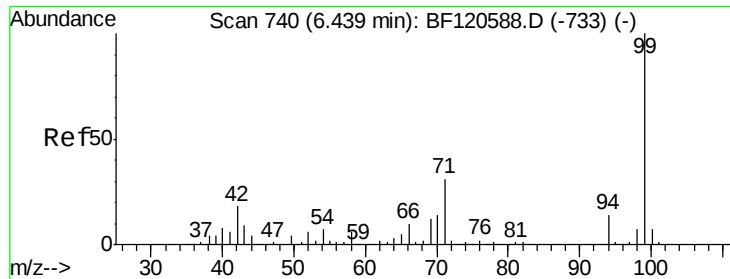
2-Fluorophenol
Concen: 97.661 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120695.D
Acq: 23 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.1	69.1
63	27.7	23.7	35.5



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: 96.912 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120695.D

Acq: 23 Jun 2020 00:33

Instrument :

BNA_F

ClientSampled :

SB-17

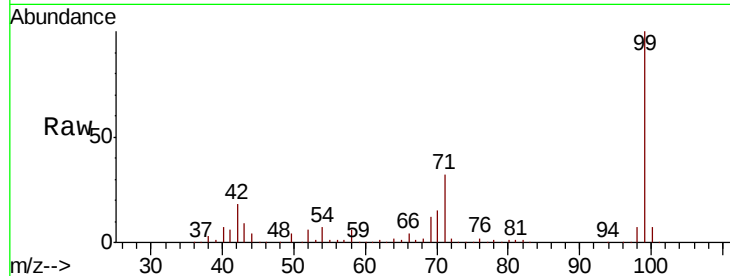
Tot Ion: 99 Resp: 1009631

Ion Ratio Lower Upper

99 100

42 17.9 14.0 21.0

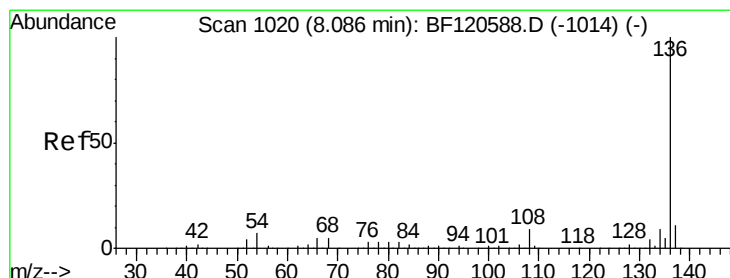
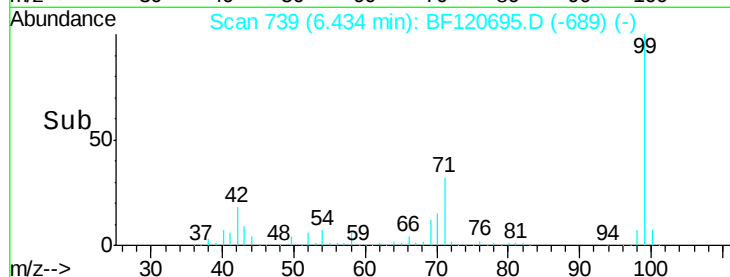
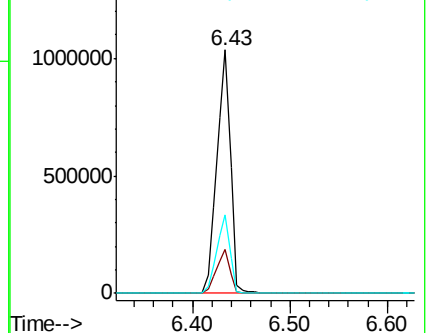
71 32.4 24.9 37.3



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120695.D

Acq: 23 Jun 2020 00:33

Tgt Ion: 136 Resp: 537128

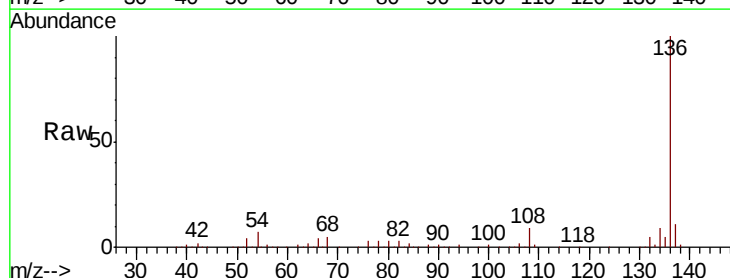
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.7 5.8 8.6

68 5.5 4.4 6.6

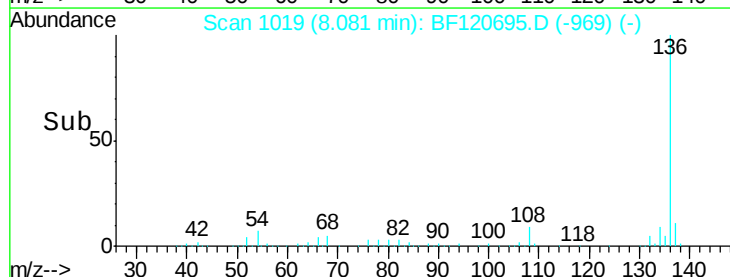
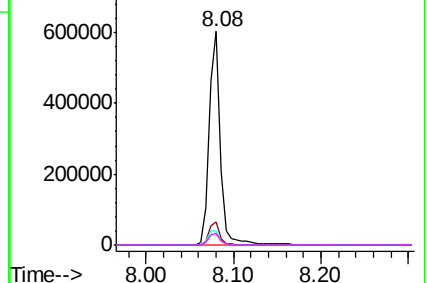


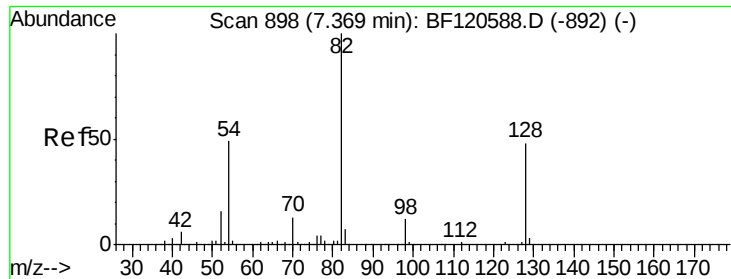
Abundance Ion 136.00 (135.70 to 136.70): E

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

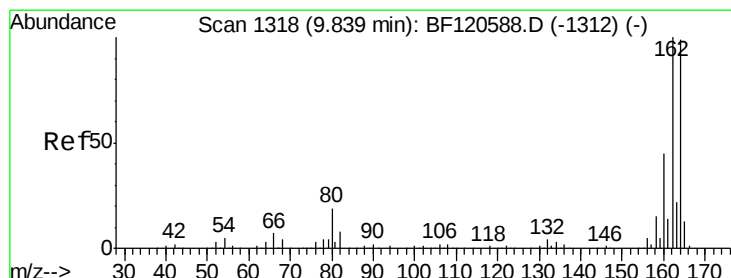
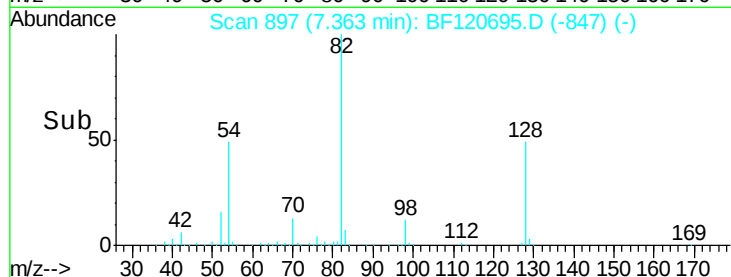
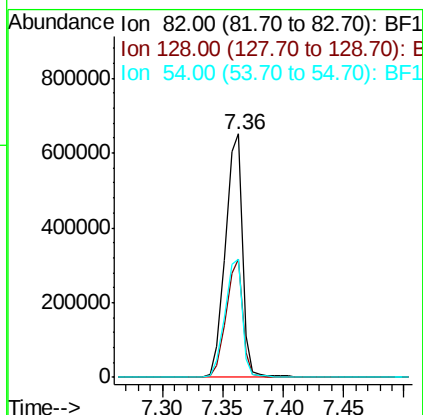
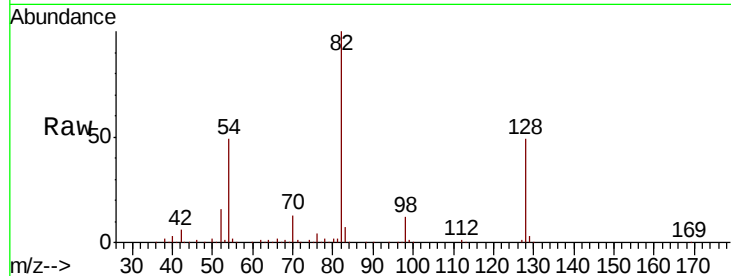




#23
 Nitrobenzene-d5
 Concen: 67.064 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120695.D
 Acq: 23 Jun 2020 00:33

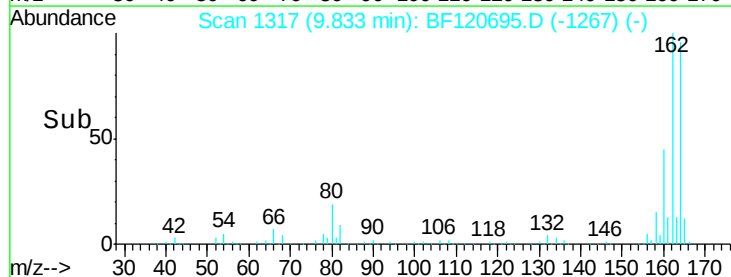
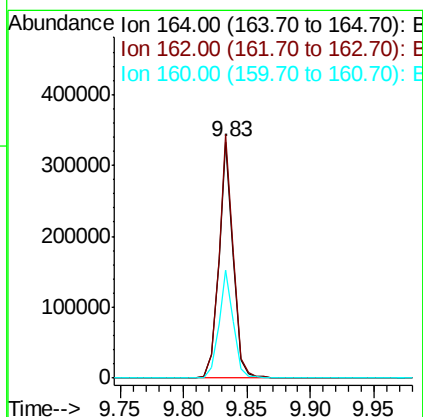
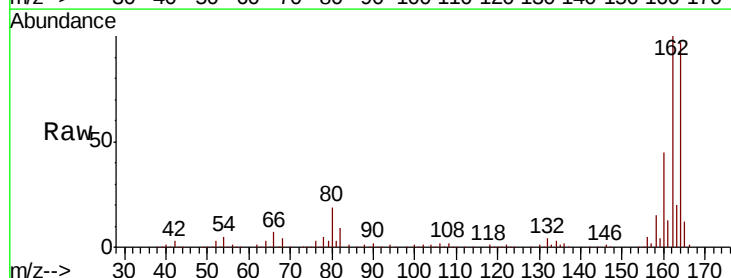
Instrument :
 BNA_F
 ClientSampleID :
 SB-17

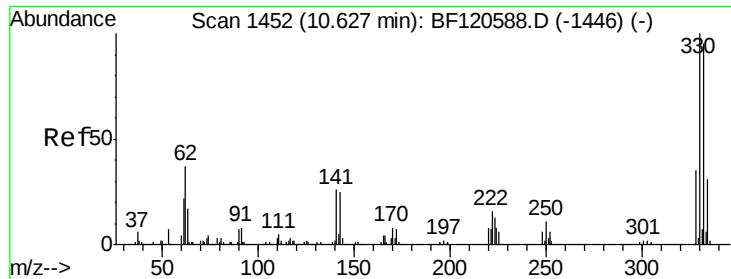
Tot Ion	82	Resp	644438
Ion Ratio	Lower	Upper	
82	100		
128	48.6	38.0	57.0
54	48.5	38.8	58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120695.D
 Acq: 23 Jun 2020 00:33

Tgt Ion	164	Resp	265007
Ion Ratio	Lower	Upper	
164	100		
162	103.1	80.6	120.8
160	45.9	36.2	54.2

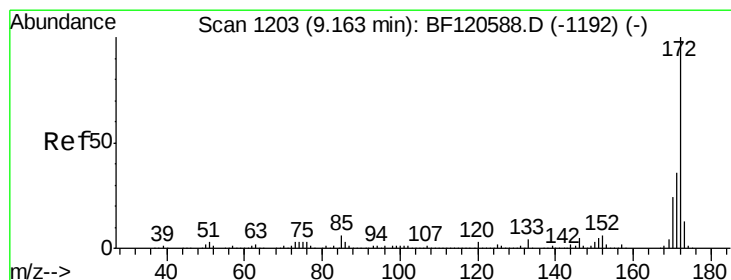
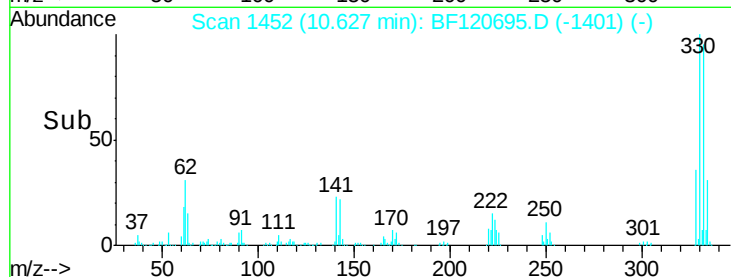
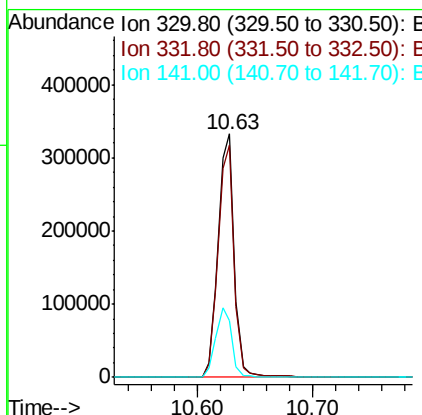
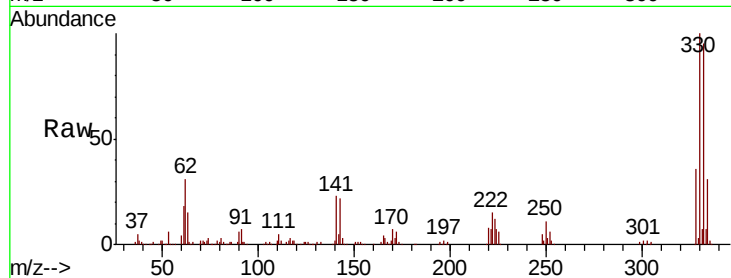




#42
 2,4,6-Tribromophenol
 Concen: 104.827 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120695.D
 Acq: 23 Jun 2020 00:33

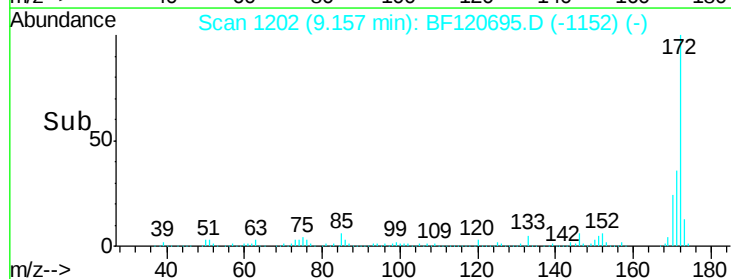
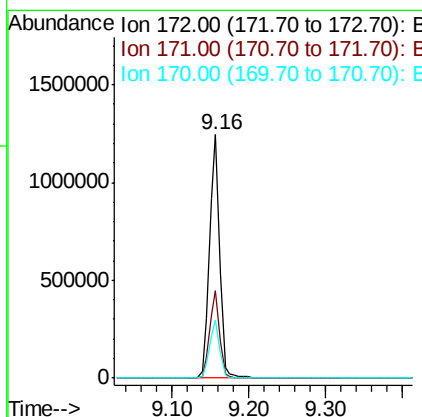
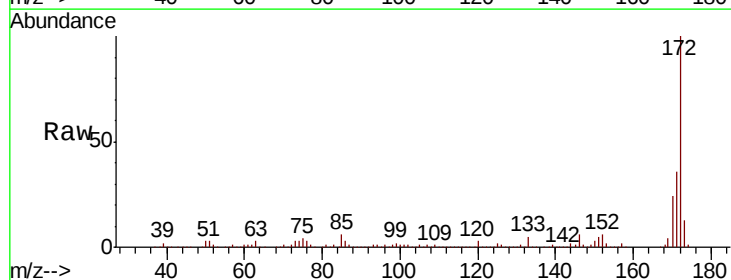
Instrument :
 BNA_F
 ClientSampleId :
 SB-17

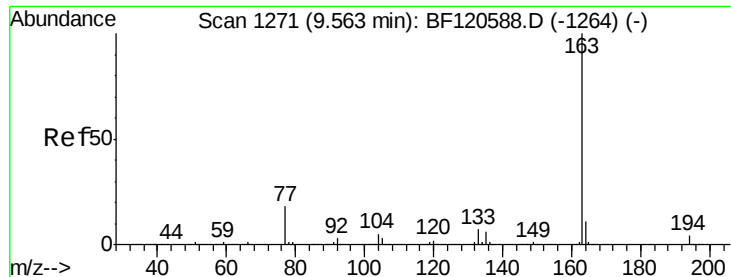
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	28.9	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 64.857 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120695.D
 Acq: 23 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	23.9	19.4	29.2





#50

Dimethylphthalate

Concen: 5.714 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120695.D

Acq: 23 Jun 2020 00:33

Instrument :

BNA_F

ClientSampleId :

SB-17

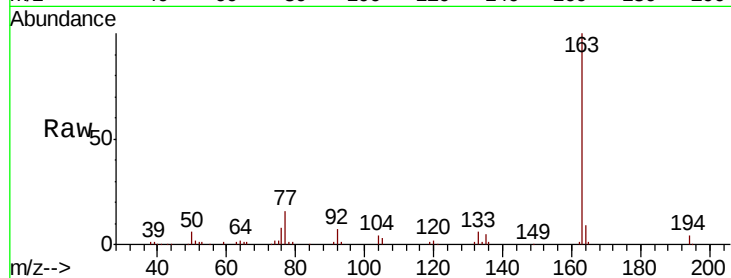
Tot Ion:163 Resp: 109054

Ion Ratio Lower Upper

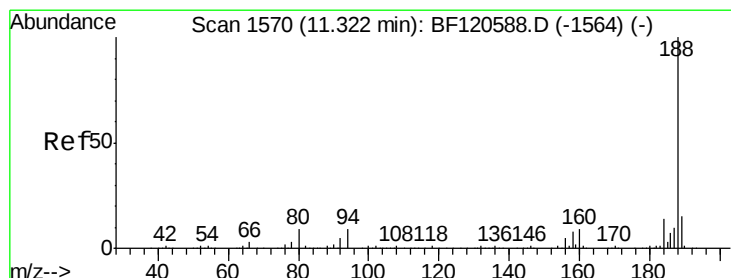
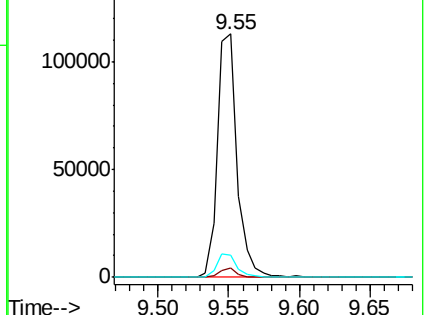
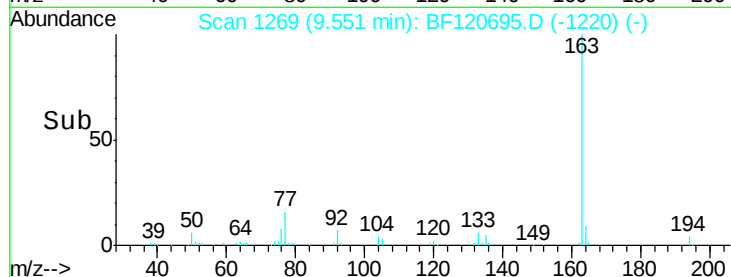
163 100

194 3.9 3.1 4.7

164 9.1 8.5 12.7



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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120695.D

Acq: 23 Jun 2020 00:33

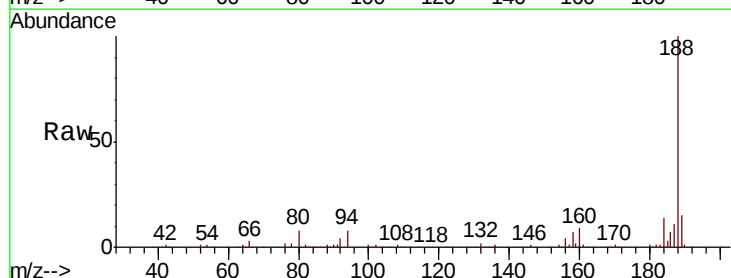
Tgt Ion:188 Resp: 308330

Ion Ratio Lower Upper

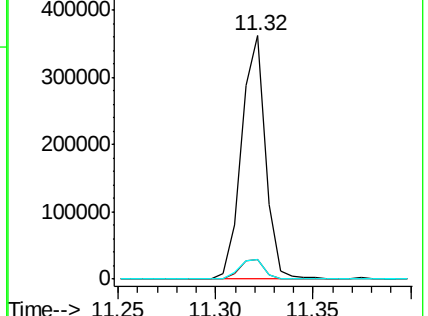
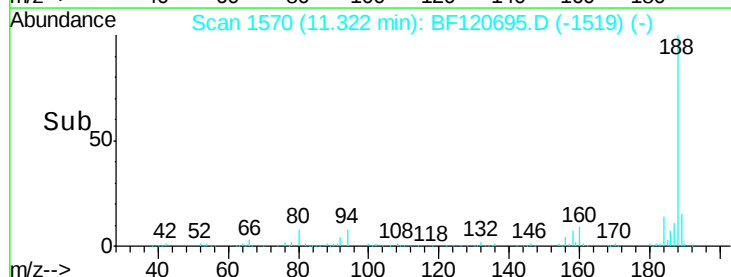
188 100

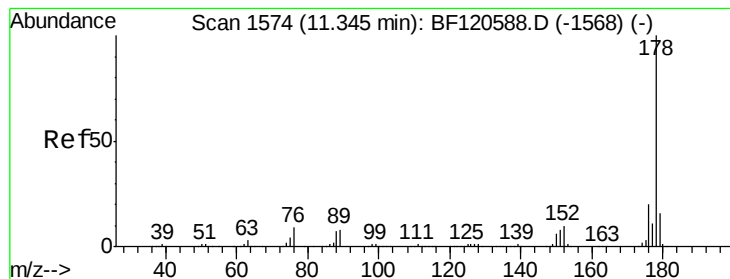
94 7.9 7.2 10.8

80 8.0 7.4 11.2



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





#71

Phenanthrene

Concen: 3.183 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF120695.D

Acq: 23 Jun 2020 00:33

Instrument :

BNA_F

ClientSampleId :

SB-17

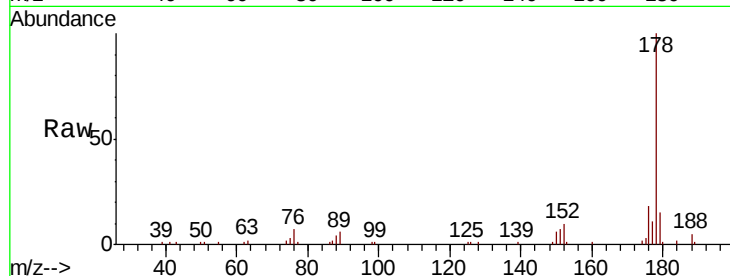
Tot Ion:178 Resp: 48786

Ion Ratio Lower Upper

178 100

176 18.3 15.9 23.9

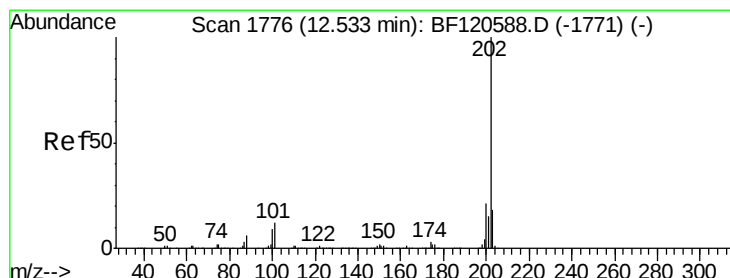
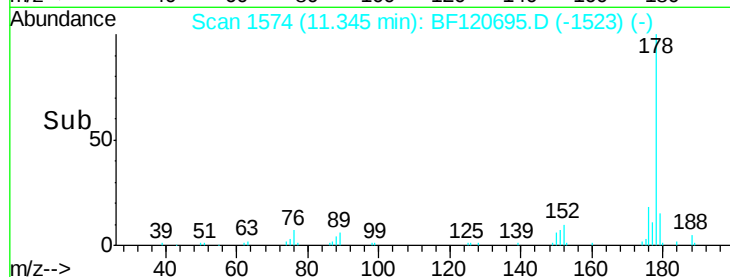
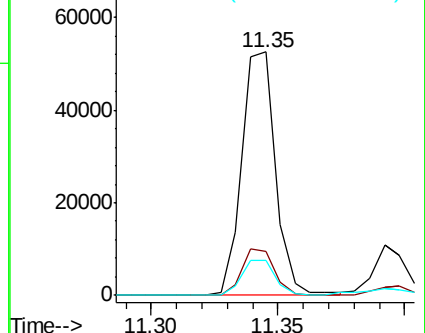
179 14.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.389 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF120695.D

Acq: 23 Jun 2020 00:33

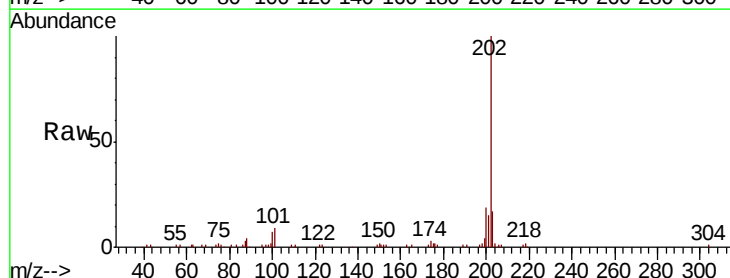
Tgt Ion:202 Resp: 59389

Ion Ratio Lower Upper

202 100

101 8.9 0.0 32.0

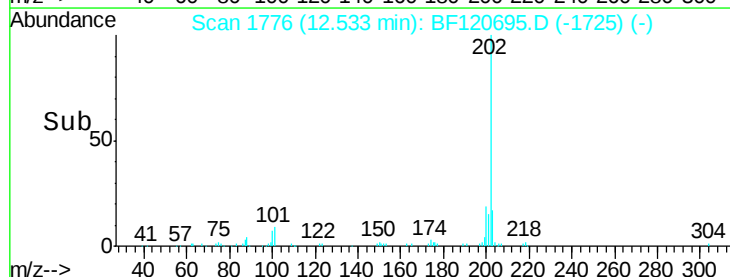
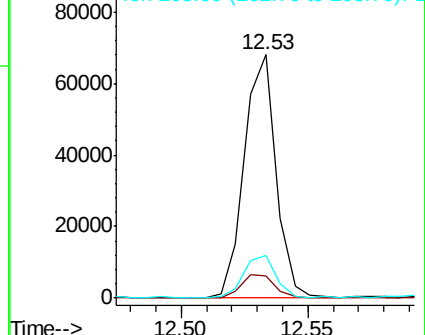
203 17.4 0.0 38.3

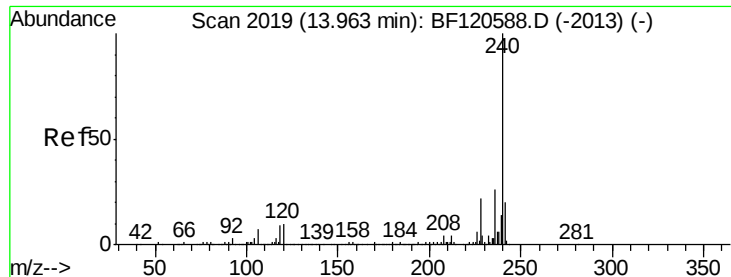


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120695.D

Acq: 23 Jun 2020 00:33

Instrument :

BNA_F

ClientSampleId :

SB-17

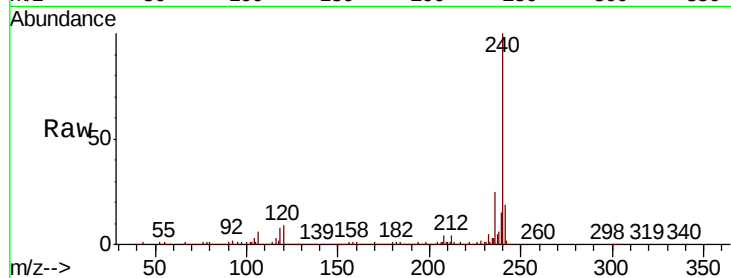
Tot Ion:240 Resp: 263706

Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

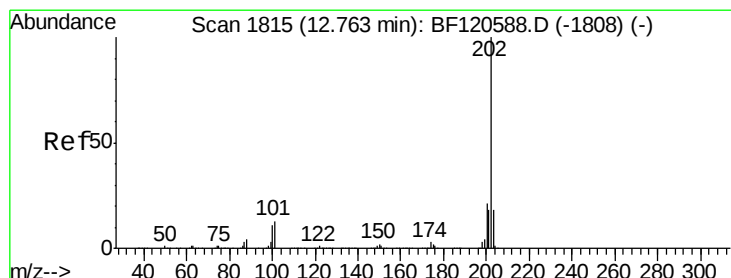
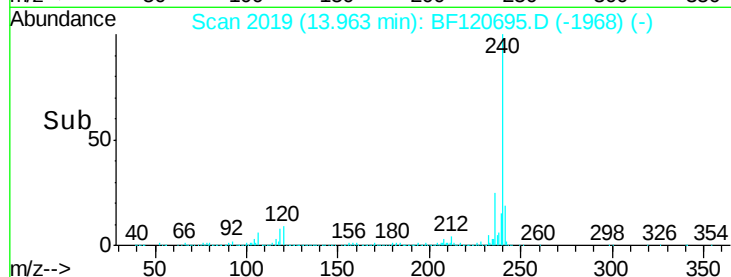
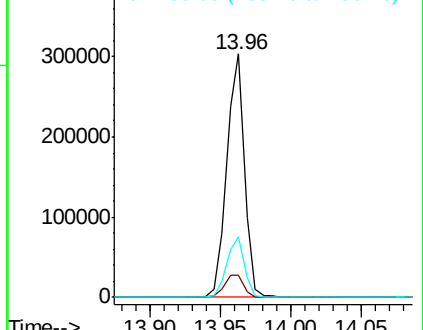
236 24.7 21.0 31.4



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



#78

Pyrene

Concen: 3.454 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF120695.D

Acq: 23 Jun 2020 00:33

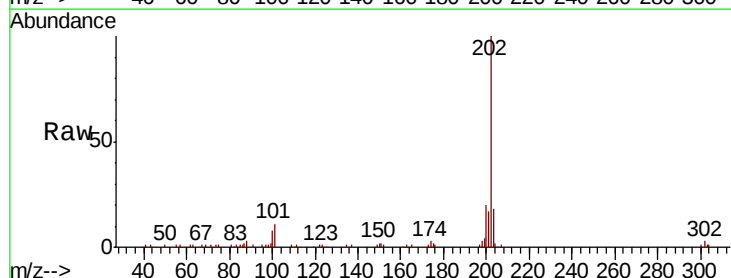
Tgt Ion:202 Resp: 64532

Ion Ratio Lower Upper

202 100

200 19.6 16.8 25.2

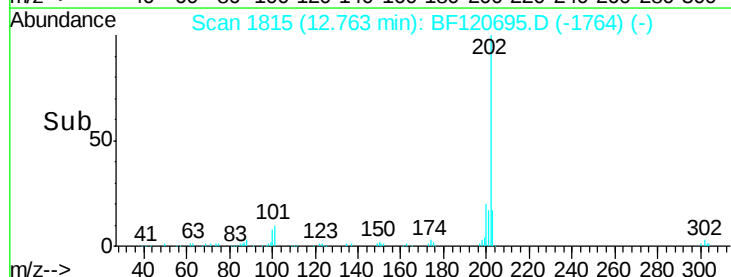
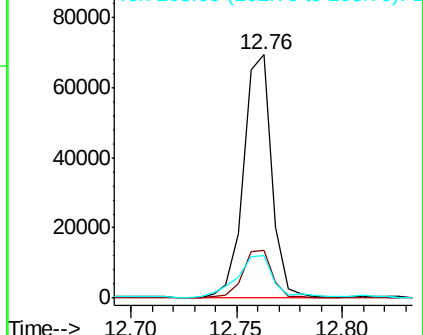
203 17.7 14.3 21.5

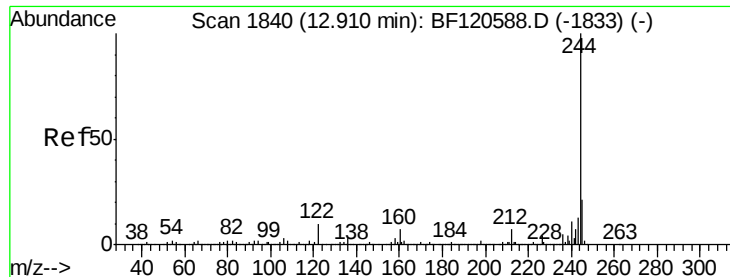


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.736 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120695.D

Acq: 23 Jun 2020 00:33

Instrument :

BNA_F

ClientSampleId :

SB-17

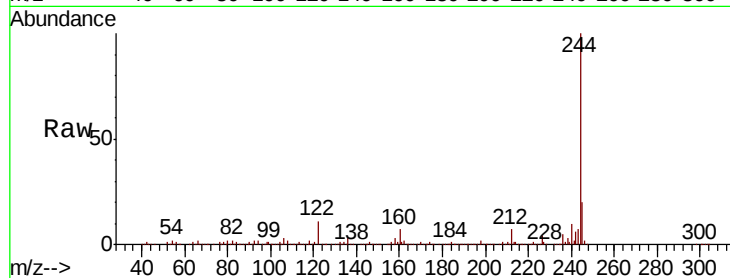
Tot Ion:244 Resp: 951918

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

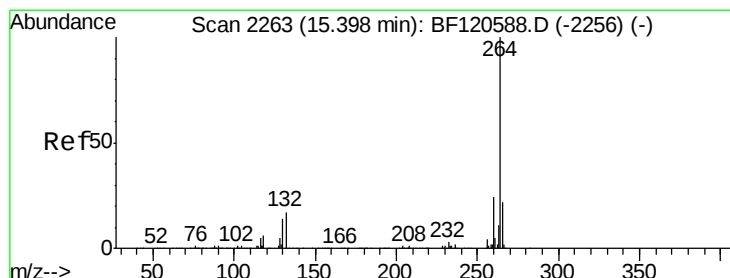
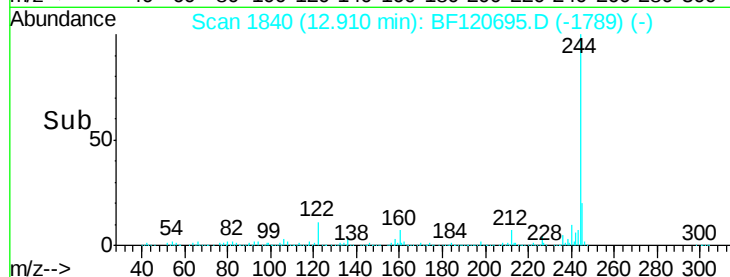
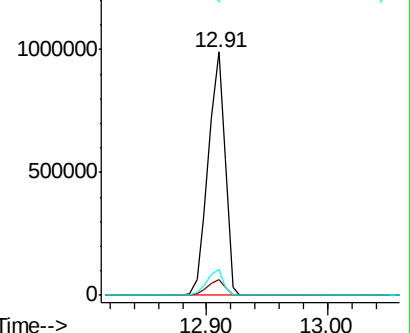
122 10.8 8.3 12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF120695.D

Acq: 23 Jun 2020 00:33

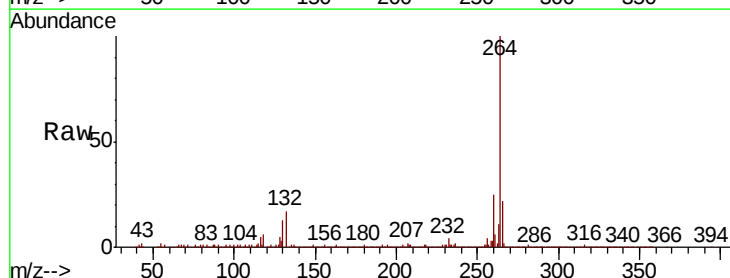
Tgt Ion:264 Resp: 393447

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 22.4 17.8 26.8



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

