

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120971.D
 Acq On : 22 Jul 2020 18:38
 Operator : JU/CG
 Sample : L3189-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-072120

Quant Time: Jul 22 19:12:37 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	179221	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	687331	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	363948	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	692194	20.00	ng	0.00
76) Chrysene-d12	13.97	240	573036	20.00	ng	0.00
86) Perylene-d12	15.42	264	473166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1159019	106.02	ng	0.02
7) Phenol-d6	6.45	99	1259958	89.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	974259	82.02	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	448406	112.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1677204	68.80	ng	0.00
79) Terphenyl-d14	12.92	244	1789846	67.90	ng	0.00

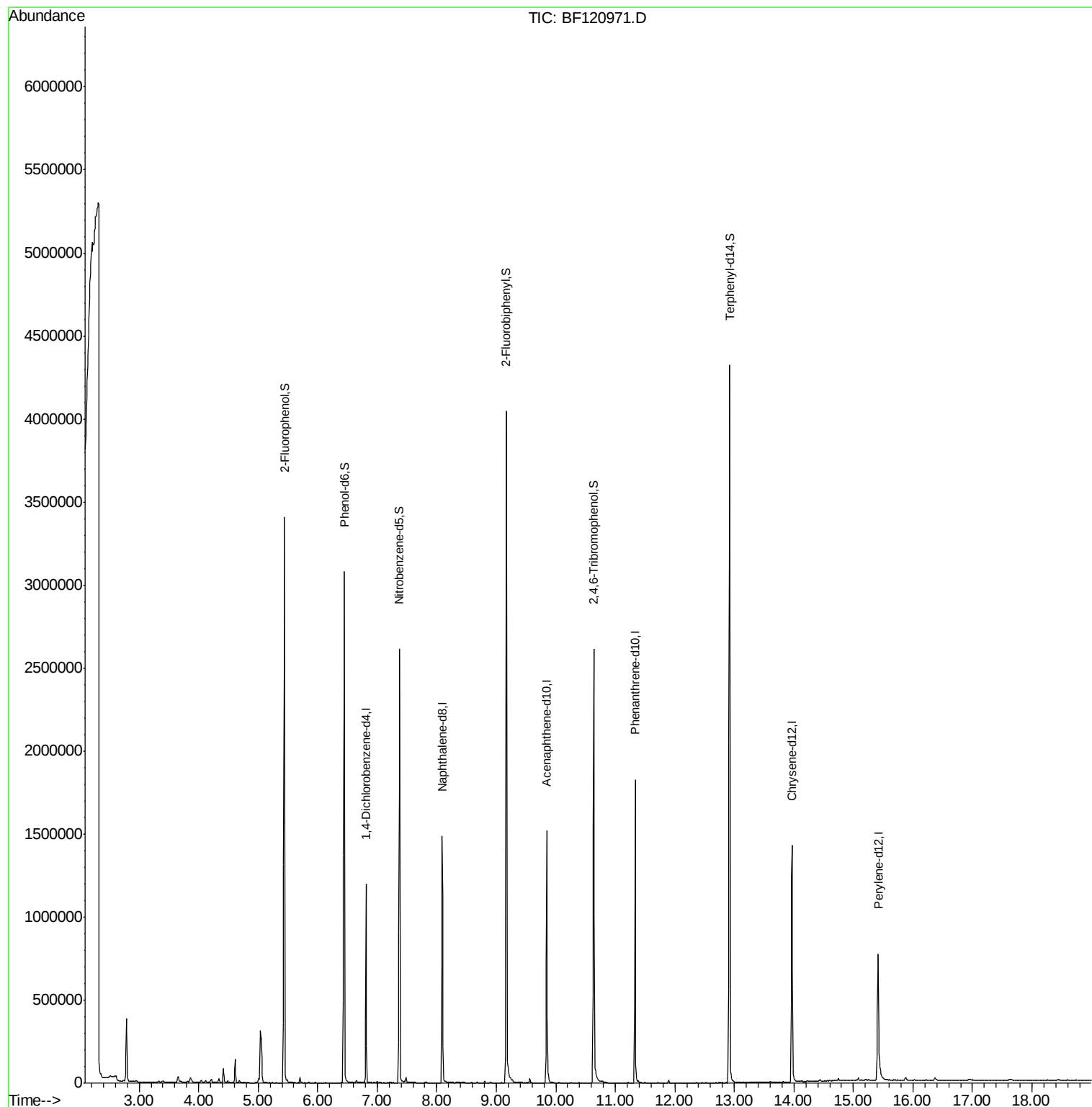
Target Compounds Qvalue

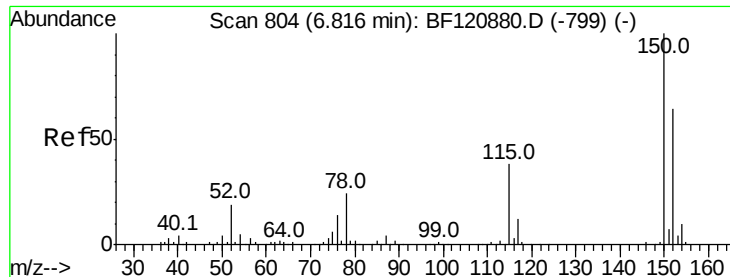
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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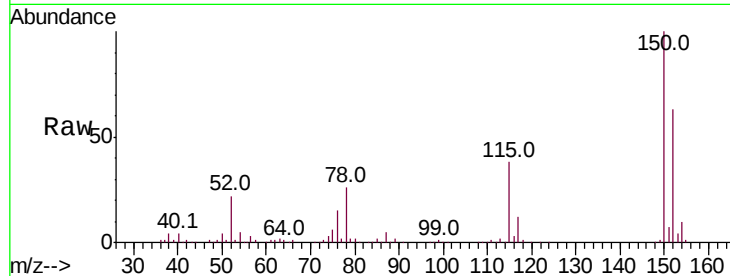


#1

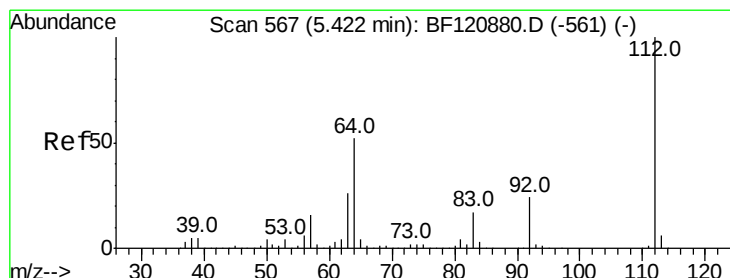
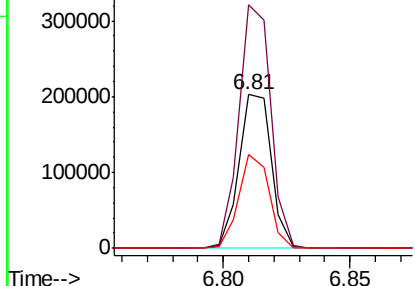
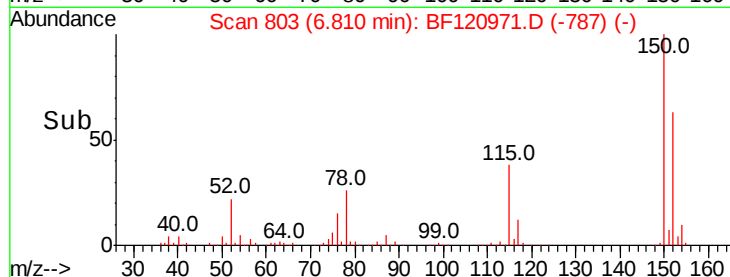
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF120971.D
 Acq: 22 Jul 2020 18:38

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-072120

Tot Ion:152 Resp: 179221
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.0 187.6
 115 60.8 47.0 70.4



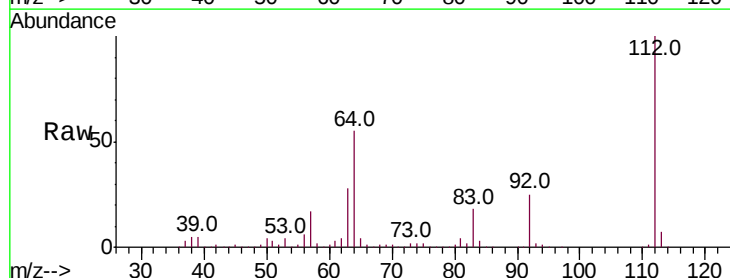
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



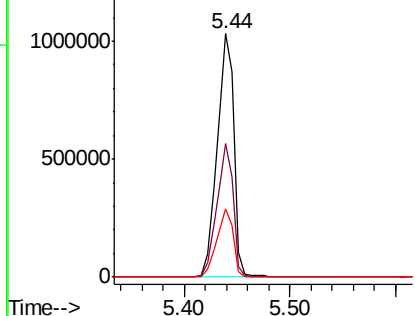
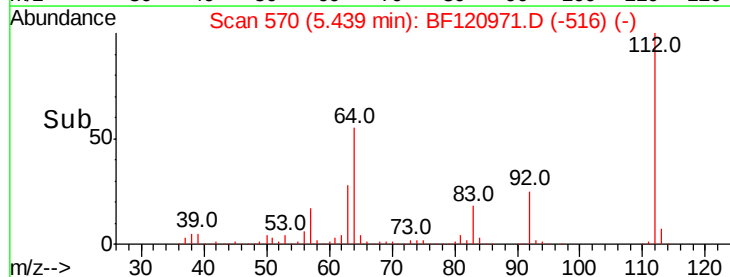
#5

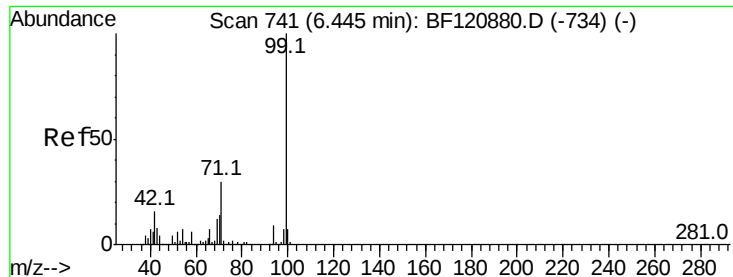
2-Fluorophenol
 Concen: 106.017 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF120971.D
 Acq: 22 Jul 2020 18:38

Tgt Ion:112 Resp: 1159019
 Ion Ratio Lower Upper
 112 100
 64 54.6 41.3 61.9
 63 28.0 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: 89.220 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120971.D

Acq: 22 Jul 2020 18:38

Instrument :

BNA_F

ClientSampleId :

BU-02-072120

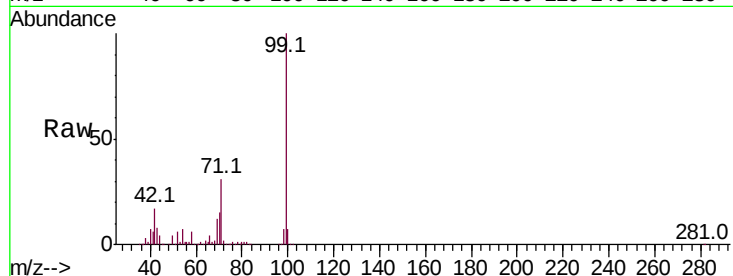
Tot Ion: 99 Resp: 1259958

Ion Ratio Lower Upper

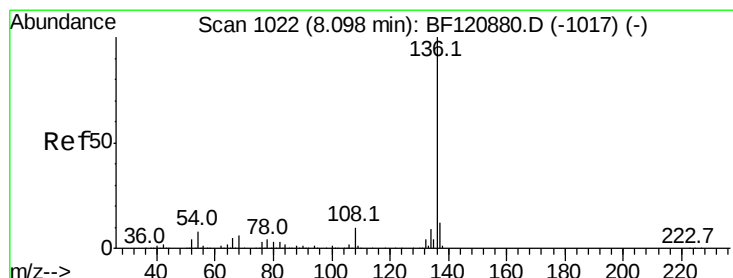
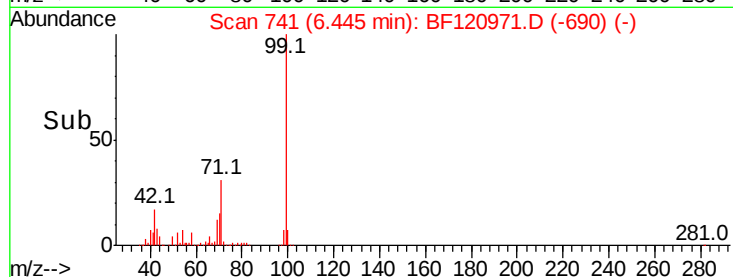
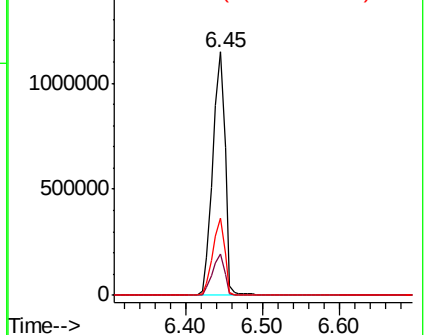
99 100

42 17.0 13.1 19.7

71 31.5 24.2 36.4



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120971.D

Acq: 22 Jul 2020 18:38

Tgt Ion: 136 Resp: 687331

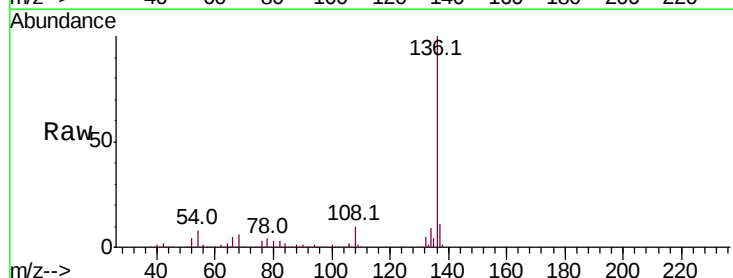
Ion Ratio Lower Upper

136 100

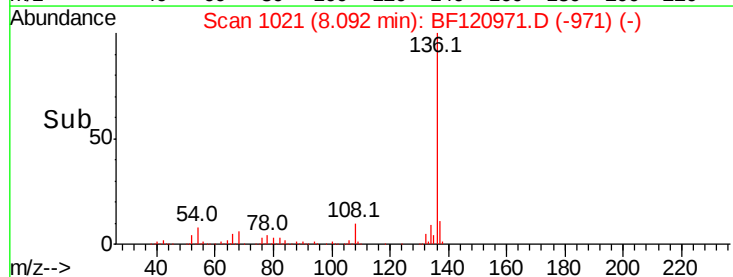
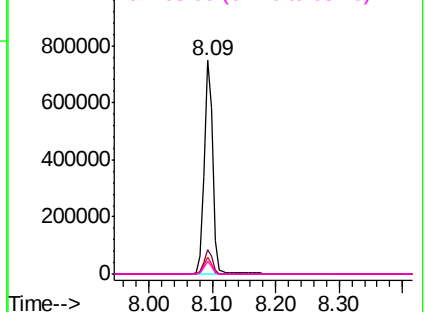
137 11.4 9.3 13.9

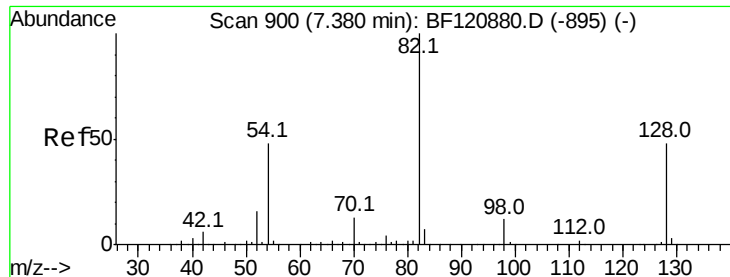
54 7.5 6.3 9.5

68 6.0 5.0 7.4



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

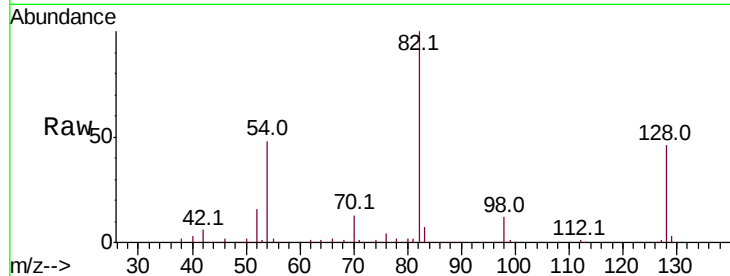




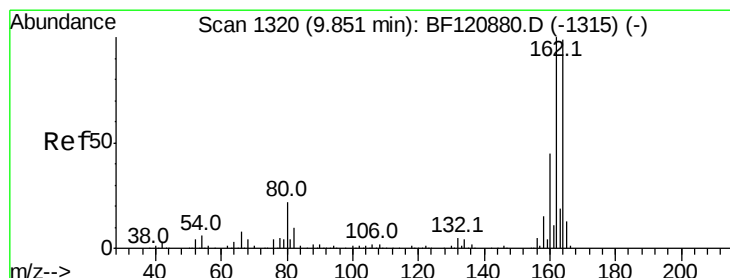
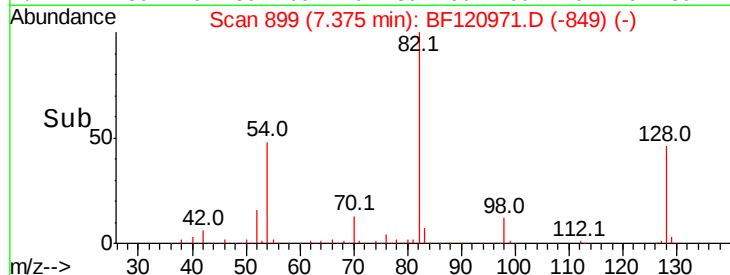
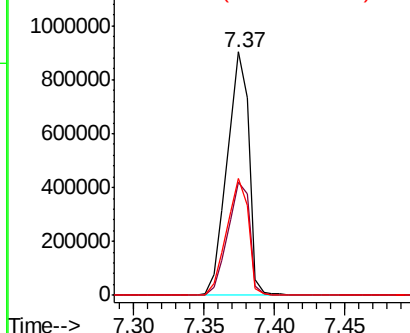
#23
Nitrobenzene-d5
Concen: 82.018 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Instrument :
BNA_F
ClientSampleId :
BU-02-072120

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.2	57.4
54	48.2	38.7	58.1

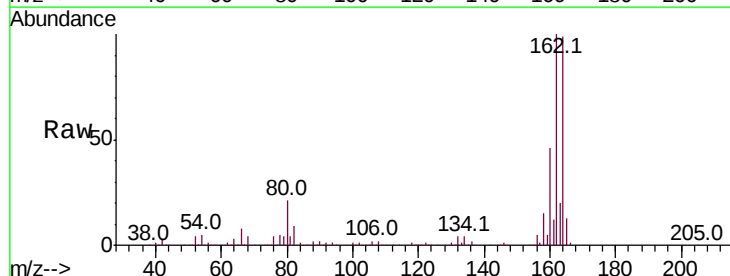


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

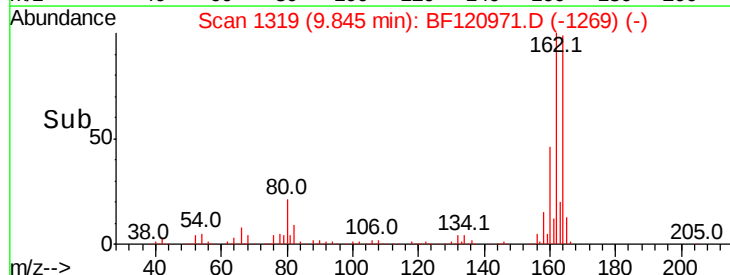
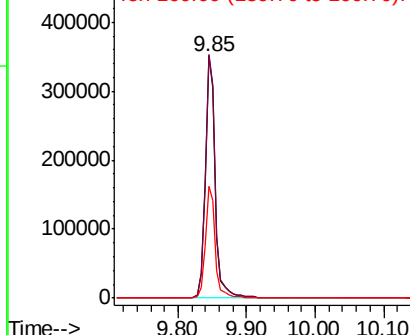


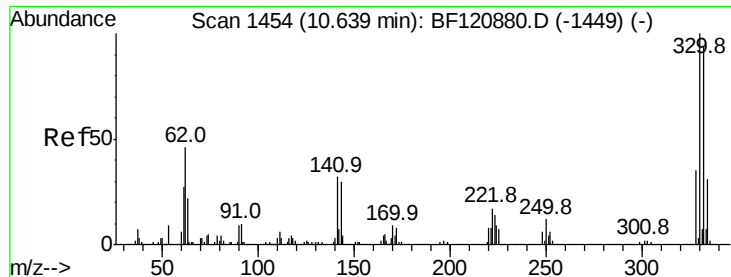
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.2	121.8
160	45.9	36.9	55.3



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

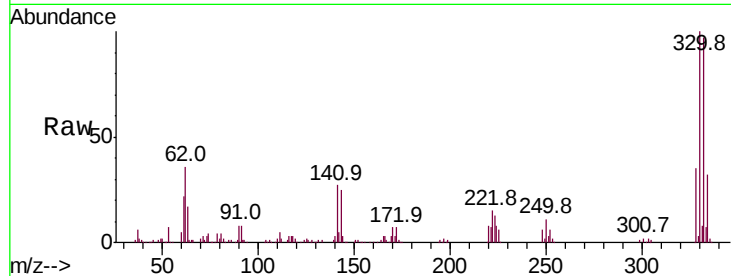




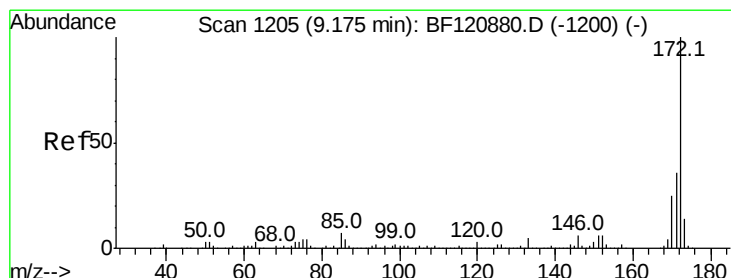
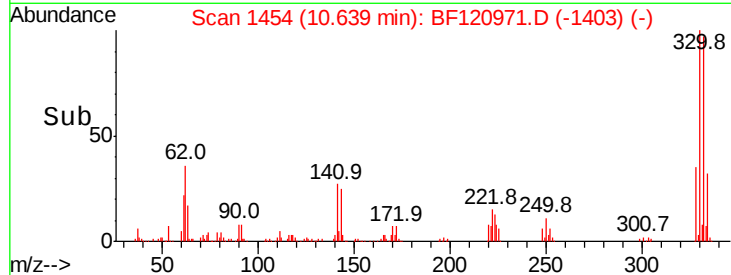
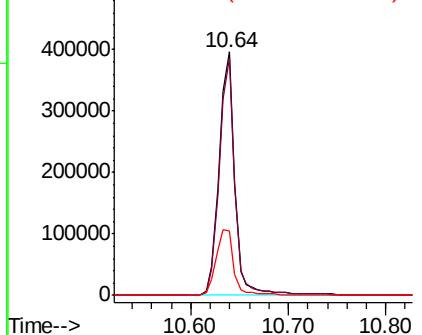
#42
 2,4,6-Tribromophenol
 Concen: 112.558 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120971.D
 Acq: 22 Jul 2020 18:38

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-072120

Tot Ion:330 Resp: 448406
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.5 113.3
 141 30.7 25.7 38.5

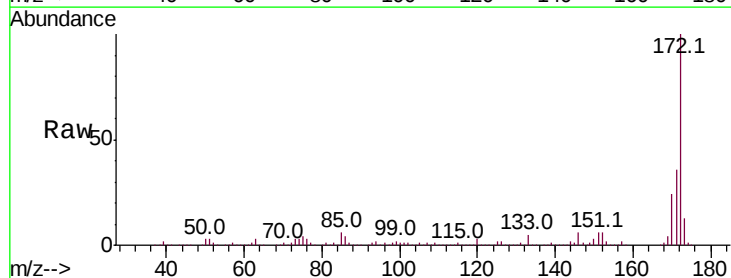


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

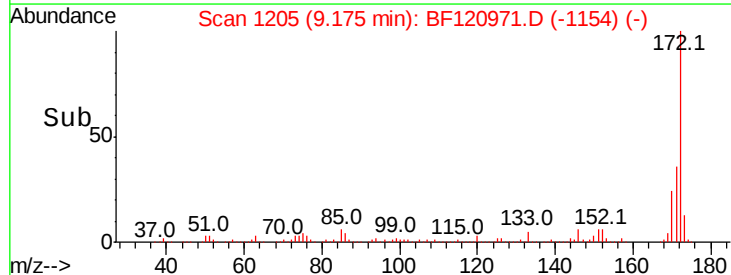
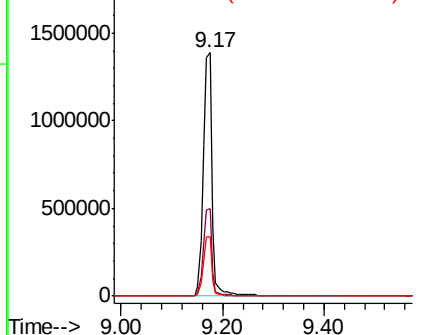


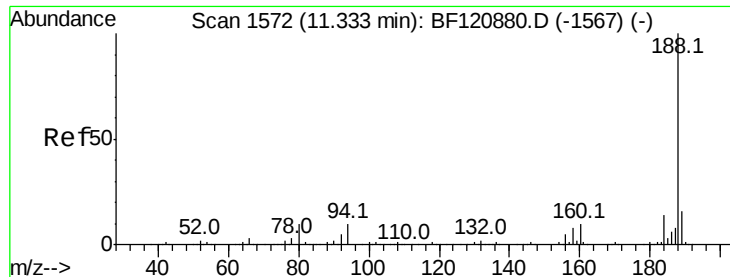
#45
 2-Fluorobiphenyl
 Concen: 68.805 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120971.D
 Acq: 22 Jul 2020 18:38

Tgt Ion:172 Resp: 1677204
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.4 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120971.D

Acq: 22 Jul 2020 18:38

Instrument :

BNA_F

ClientSampleId :

BU-02-072120

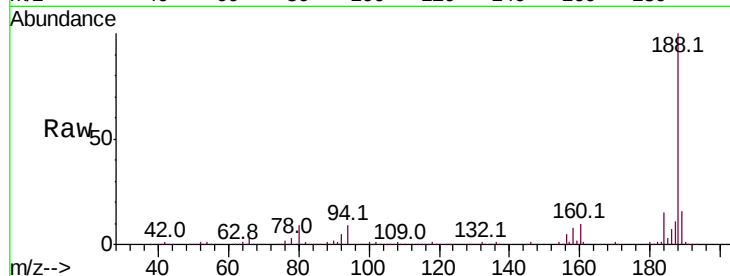
Tot Ion:188 Resp: 692194

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

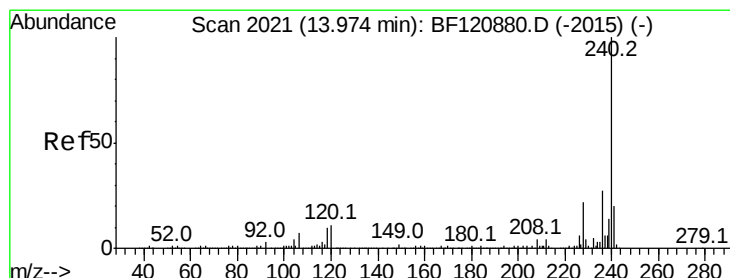
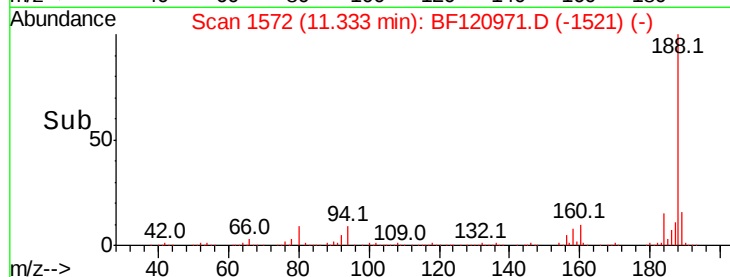
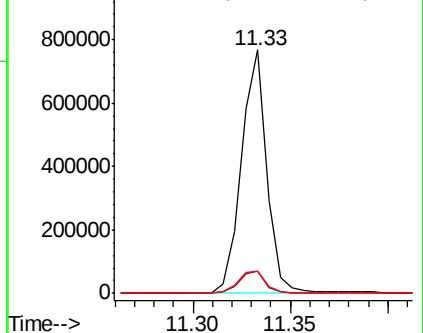
80 9.1 8.3 12.5



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: BF120971.D

Acq: 22 Jul 2020 18:38

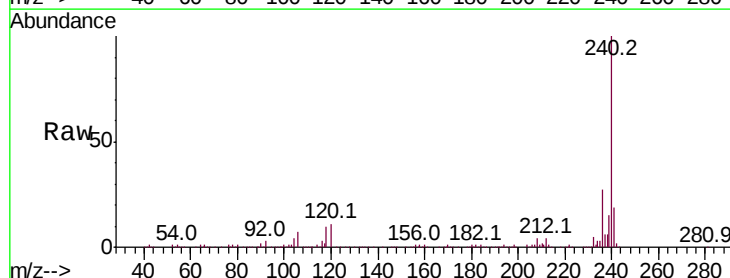
Tgt Ion:240 Resp: 573036

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.4

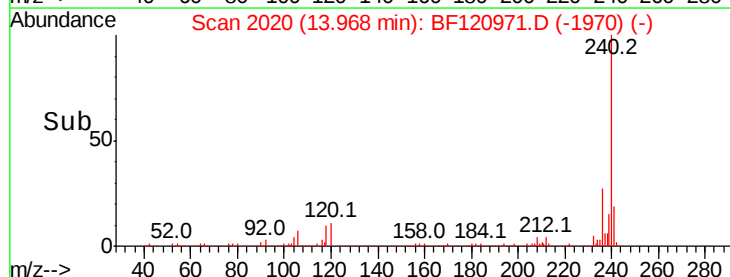
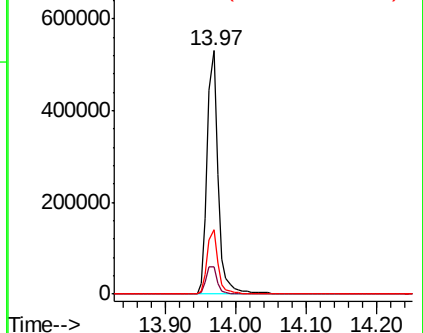
236 26.6 21.7 32.5

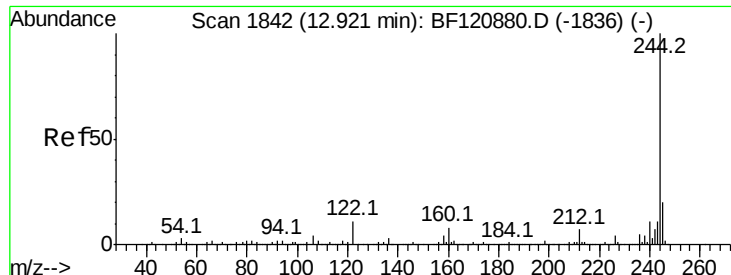


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.897 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120971.D

Acq: 22 Jul 2020 18:38

Instrument :

BNA_F

ClientSampleId :

BU-02-072120

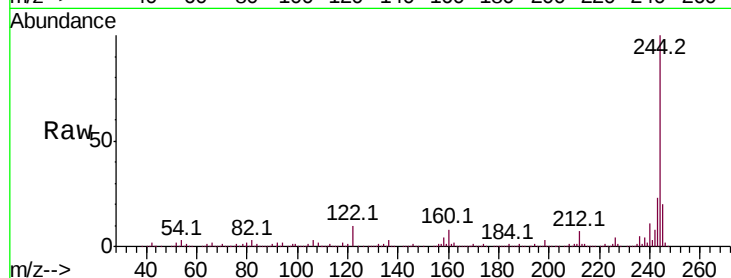
Tot Ion:244 Resp: 1789846

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

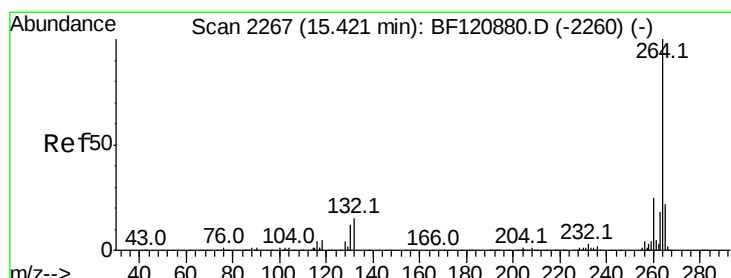
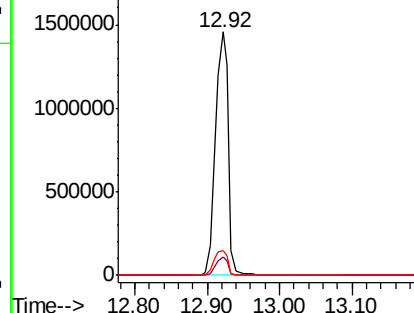
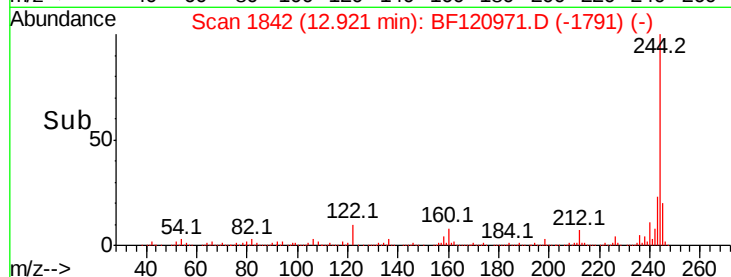
122 10.2 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120971.D

Acq: 22 Jul 2020 18:38

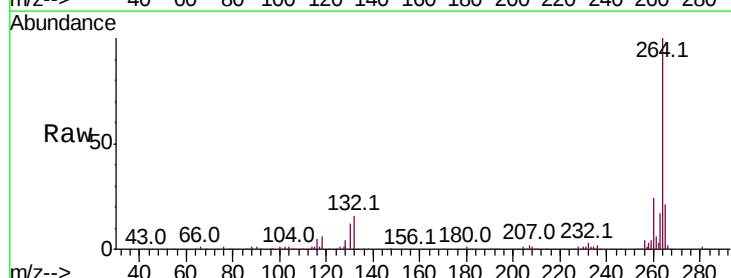
Tgt Ion:264 Resp: 473166

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 21.4 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

