

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121392.D
 Acq On : 24 Aug 2020 11:05
 Operator : JU/CG
 Sample : PB131098BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BL

Quant Time: Aug 24 12:07:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	160674	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	645085	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	334248	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	642615	20.00	ng	0.00
76) Chrysene-d12	13.85	240	536264	20.00	ng	-0.01
86) Perylene-d12	15.27	264	516066	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1016119	103.70	ng	0.01
7) Phenol-d6	6.35	99	1248006	99.77	ng	0.00
23) Nitrobenzene-d5	7.26	82	847740	74.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.53	330	371340	95.34	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1469864	84.32	ng	0.00
79) Terphenyl-d14	12.80	244	1481158	53.97	ng	0.00

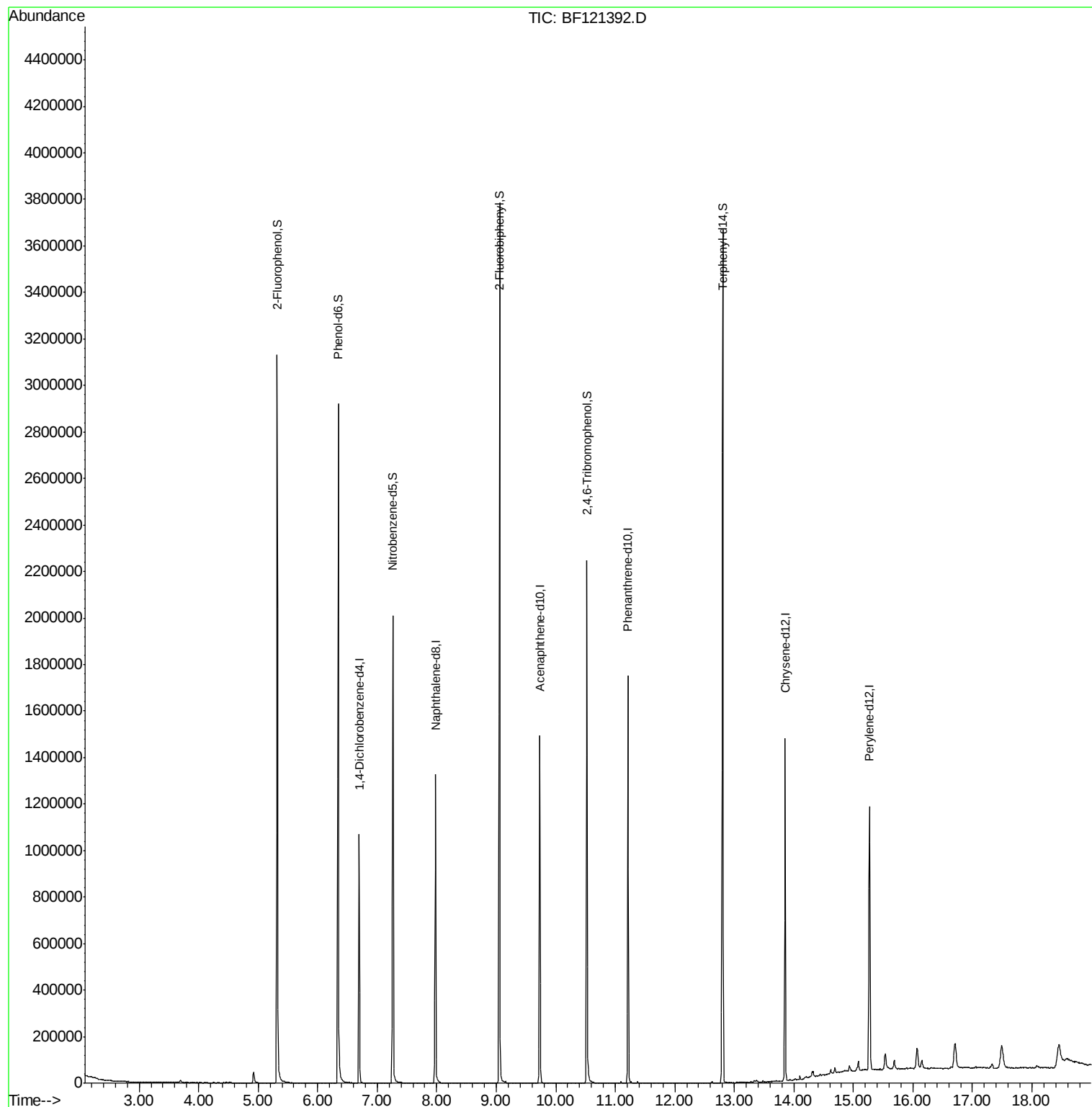
Target Compounds Qvalue

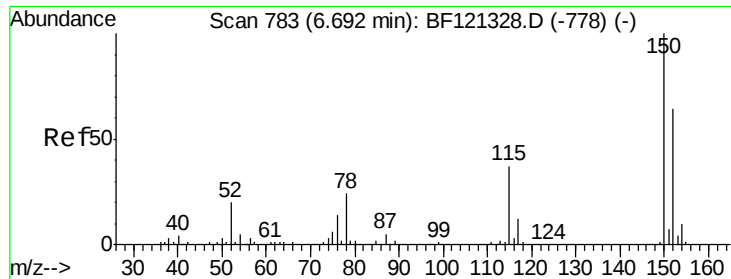
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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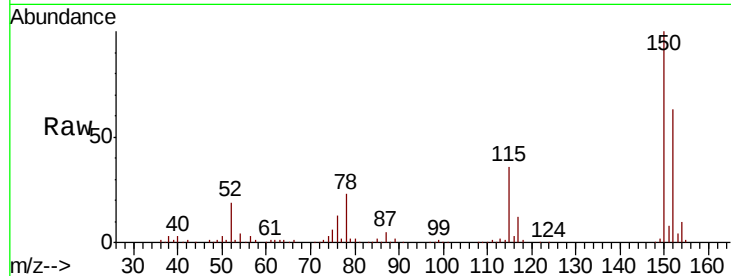


#1

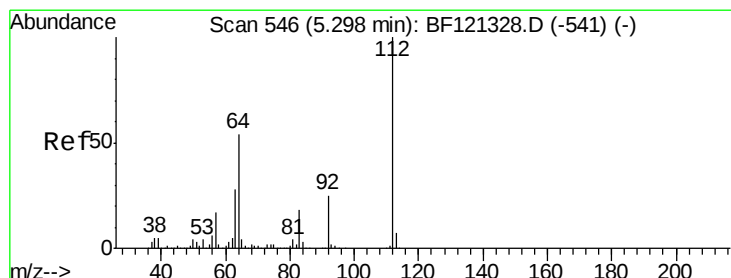
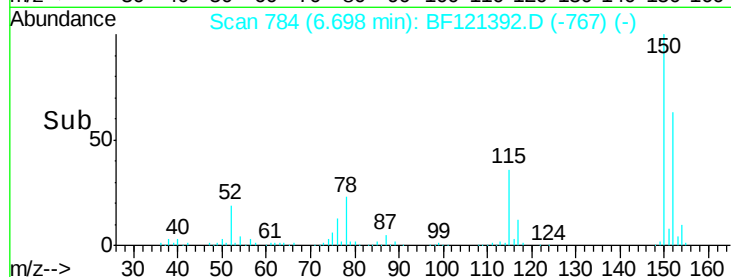
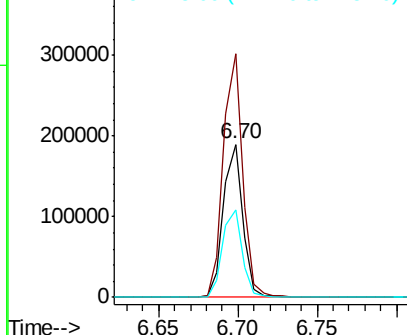
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF121392.D
Acq: 24 Aug 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB131098BL

Tot Ion:152 Resp: 160674
Ion Ratio Lower Upper
152 100
150 159.3 125.4 188.0
115 57.2 47.0 70.6



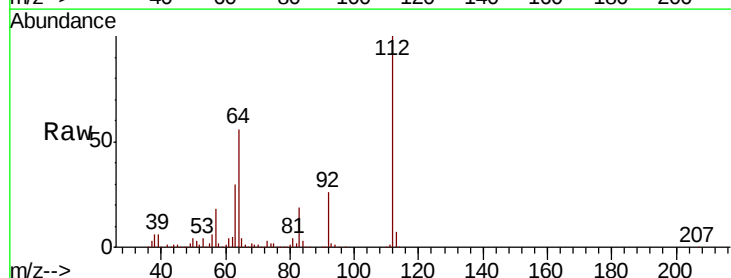
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



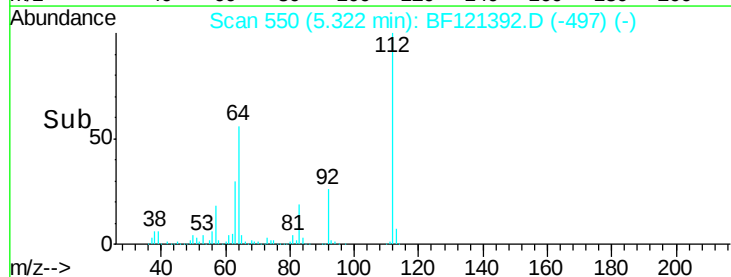
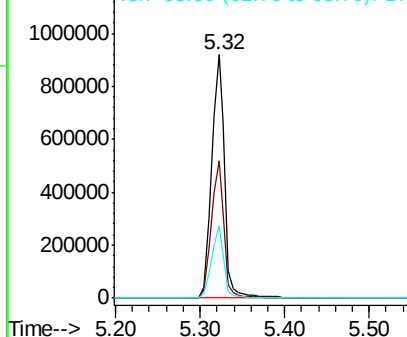
#5

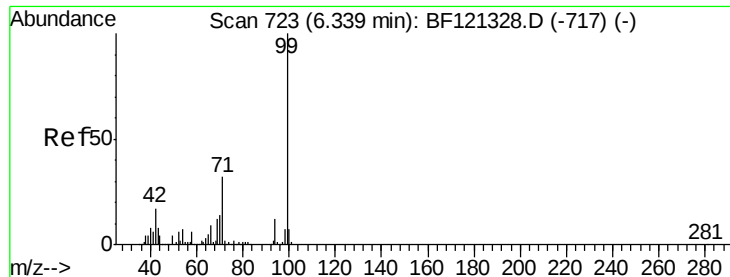
2-Fluorophenol
Concen: 103.698 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF121392.D
Acq: 24 Aug 2020 11:05

Tgt Ion:112 Resp: 1016119
Ion Ratio Lower Upper
112 100
64 56.4 42.2 63.4
63 29.6 21.4 32.2



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: 99.768 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

Instrument :

BNA_F

ClientSampled :

PB131098BL

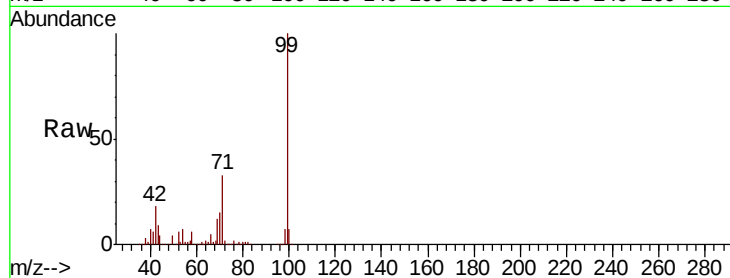
Tot Ion: 99 Resp: 1248006

Ion Ratio Lower Upper

99 100

42 17.7 13.9 20.9

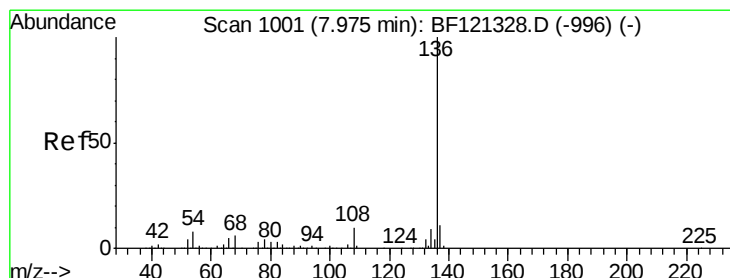
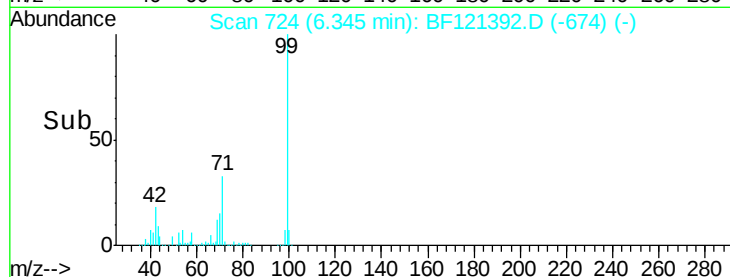
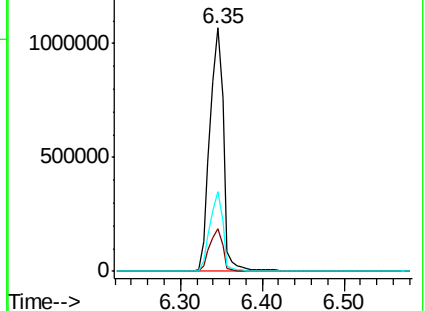
71 32.9 25.5 38.3



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

Tgt Ion: 136 Resp: 645085

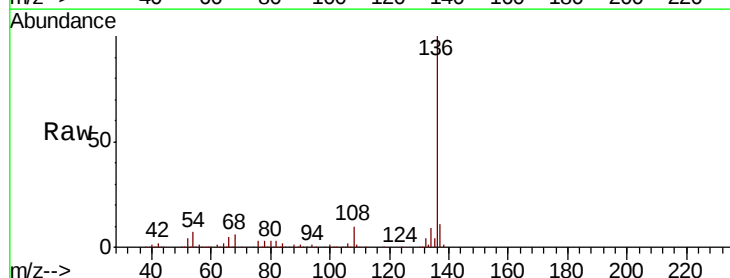
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.3 5.8 8.6

68 5.8 4.7 7.1

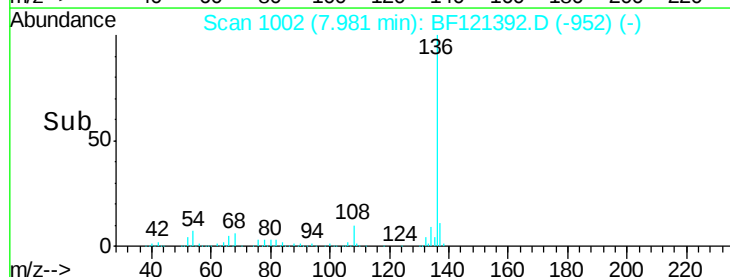
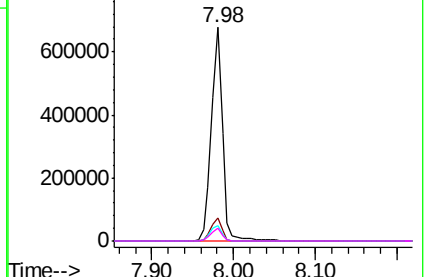


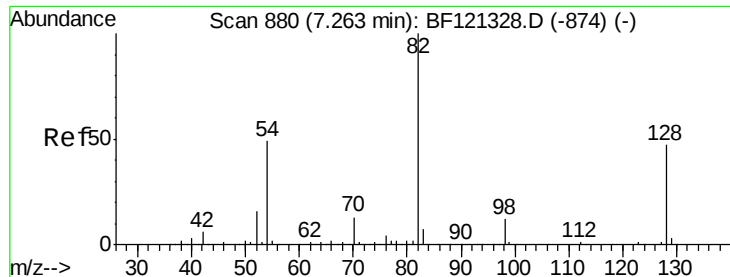
Abundance Ion 136.00 (135.70 to 136.70): E

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

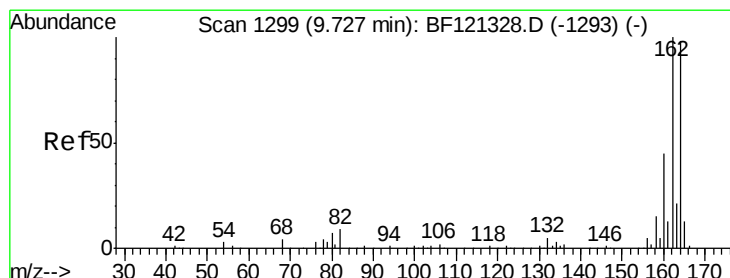
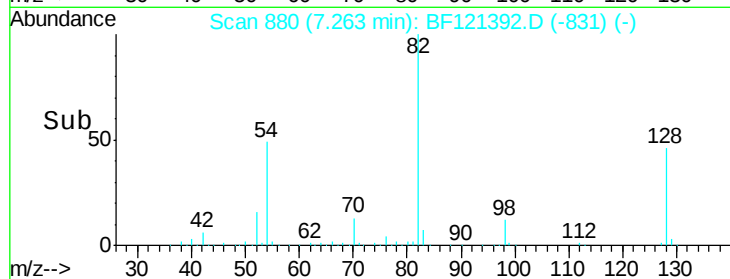
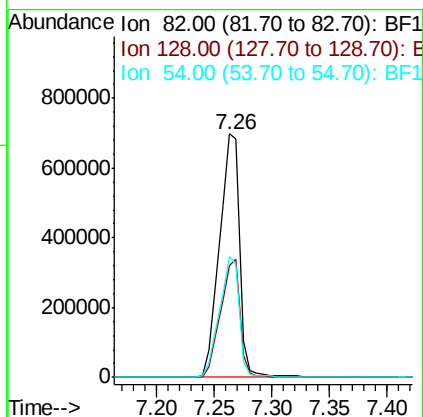
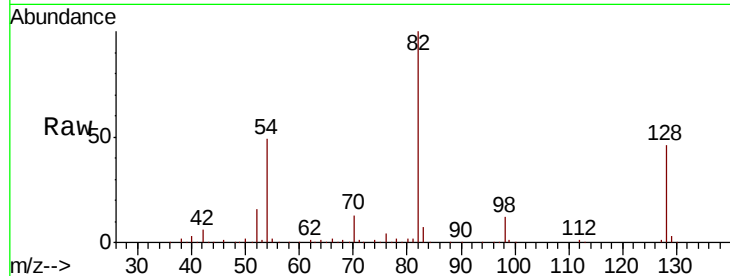




#23
 Nitrobenzene-d5
 Concen: 74.323 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF121392.D
 Acq: 24 Aug 2020 11:05

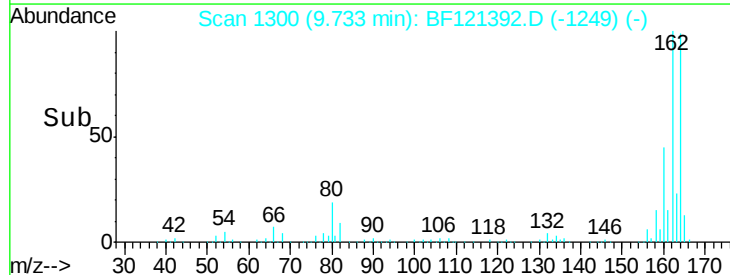
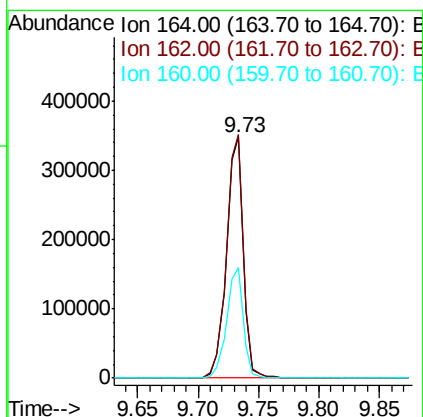
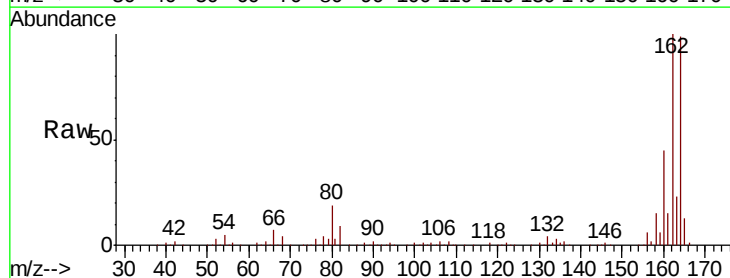
Instrument :
 BNA_F
 ClientSampleId :
 PB131098BL

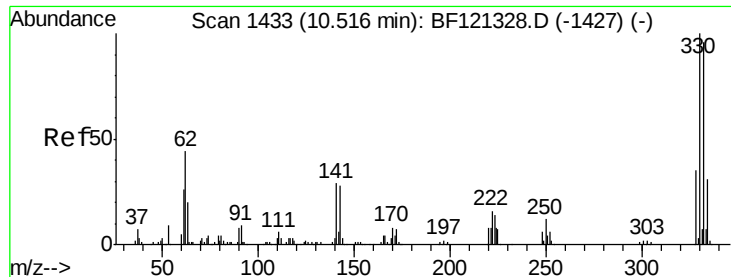
Tot Ion	82	Resp	847740
Ion Ratio	Lower	Upper	
82	100		
128	45.8	38.4	57.6
54	49.3	39.0	58.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF121392.D
 Acq: 24 Aug 2020 11:05

Tgt Ion	164	Resp	334248
Ion Ratio	Lower	Upper	
164	100		
162	101.2	81.9	122.9
160	46.0	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 95.337 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB131098BL

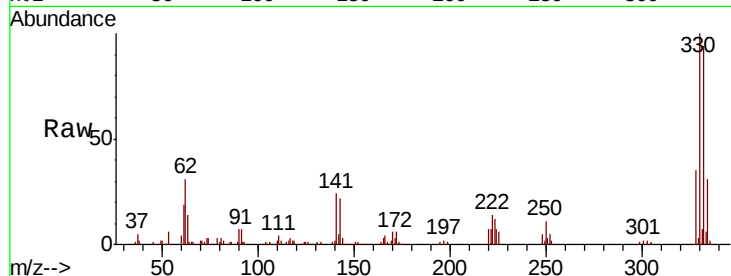
Tot Ion:330 Resp: 371340

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

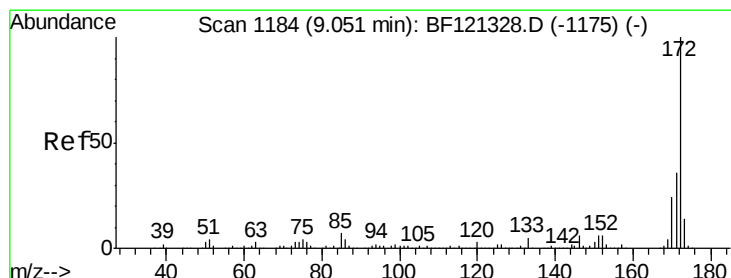
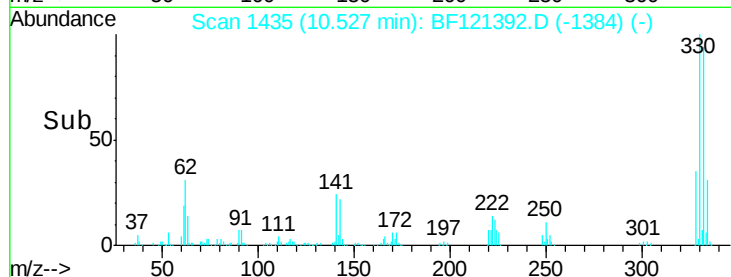
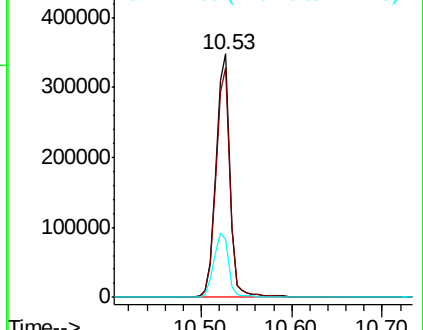
141 28.2 22.8 34.2



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: 84.315 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

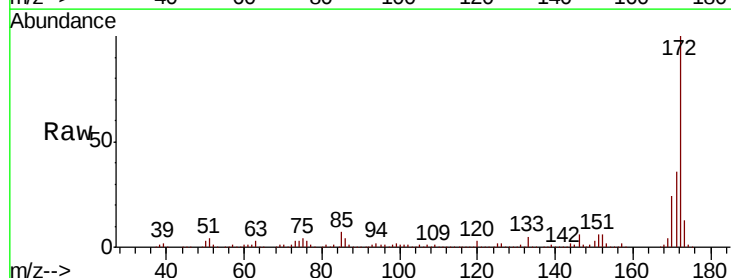
Tgt Ion:172 Resp: 1469864

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

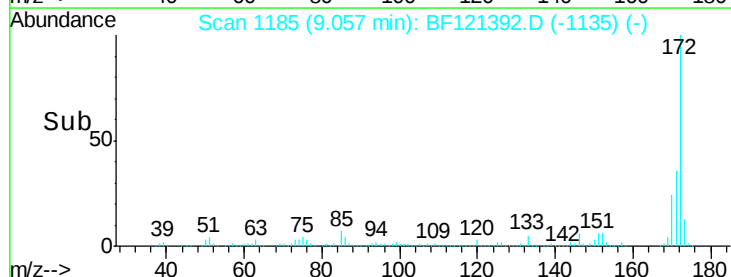
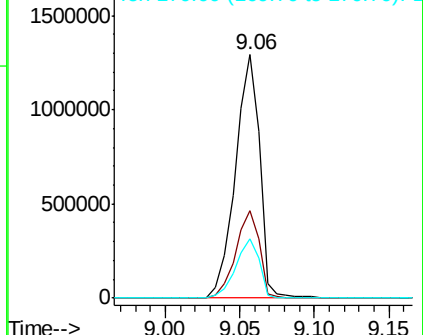
170 24.3 19.6 29.4

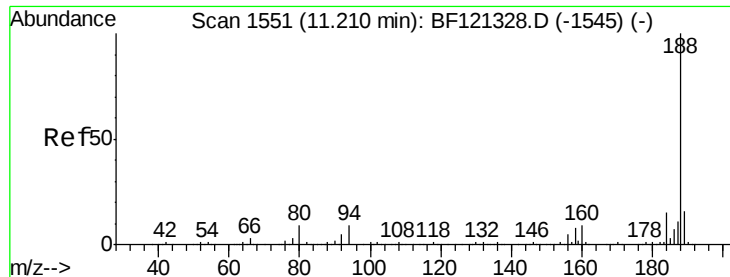


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

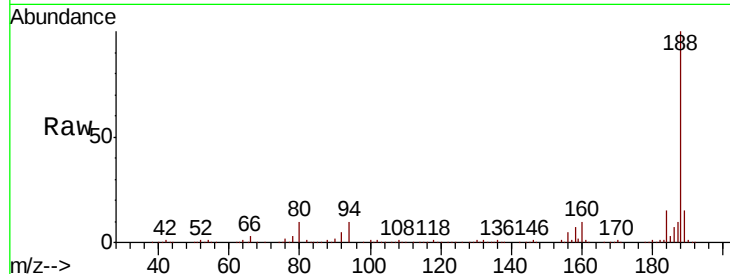




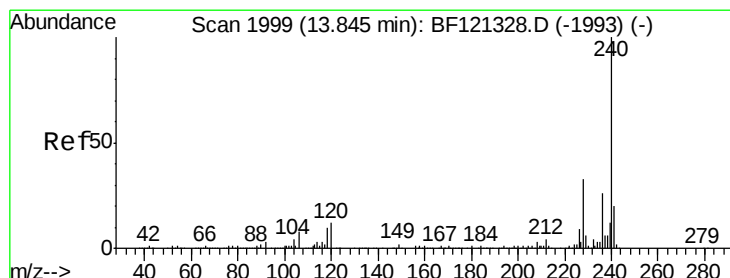
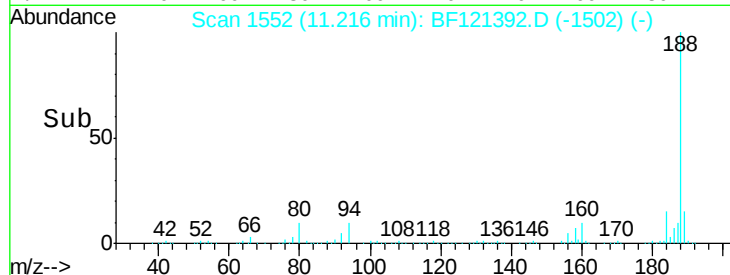
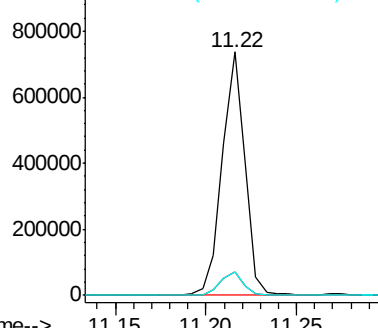
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF121392.D
Acq: 24 Aug 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB131098BL

Tot Ion:188 Resp: 642615
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 9.7 7.1 10.7

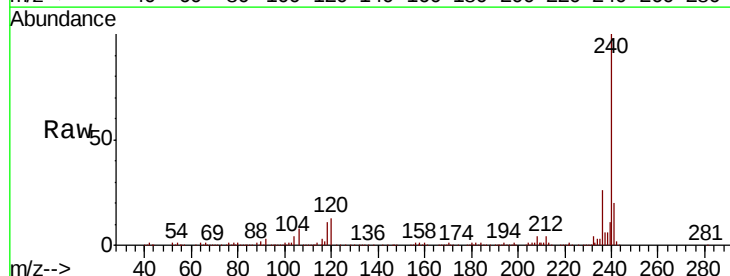


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

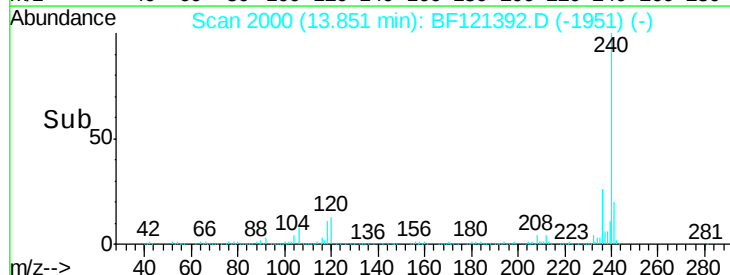
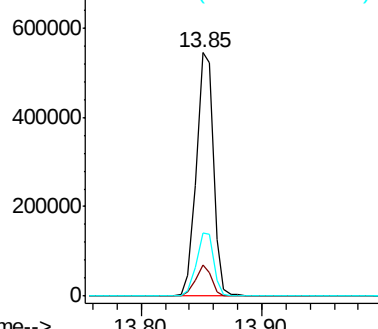


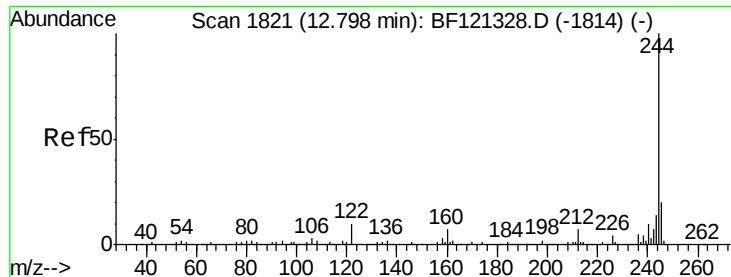
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF121392.D
Acq: 24 Aug 2020 11:05

Tgt Ion:240 Resp: 536264
Ion Ratio Lower Upper
240 100
120 13.0 8.7 13.1
236 25.8 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: 53.974 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB131098BL

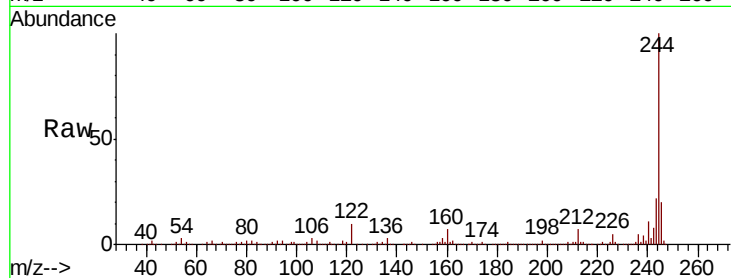
Tot Ion:244 Resp: 1481158

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

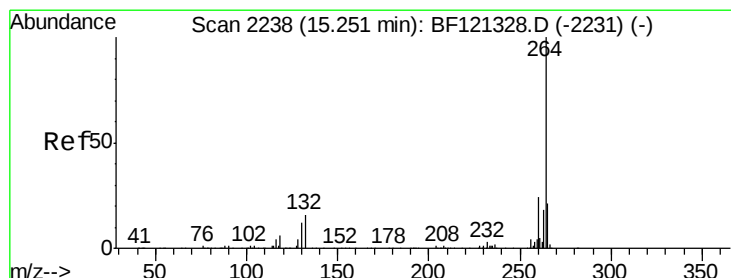
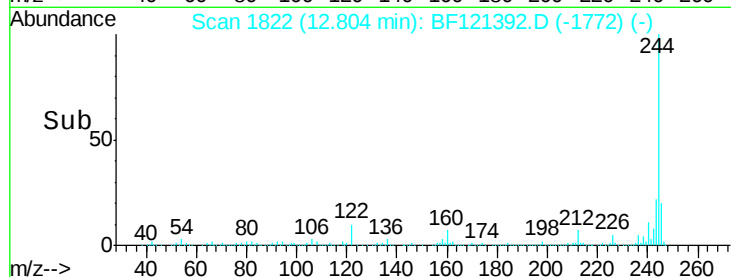
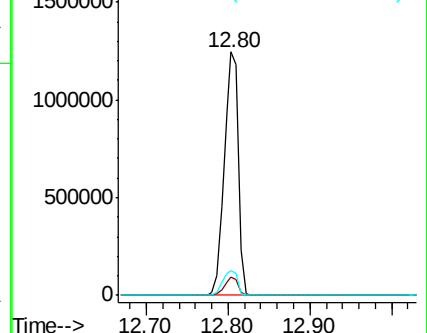
122 10.4 7.7 11.5



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

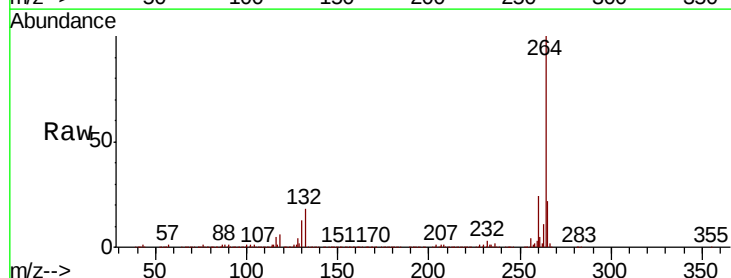
Tgt Ion:264 Resp: 516066

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.7 17.3 25.9



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

