

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121403.D
 Acq On : 24 Aug 2020 17:13
 Operator : JU/CG
 Sample : PB131155BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BL

Quant Time: Aug 24 18:11:02 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	6.69	152	162470	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	639388	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	332838	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	649269	20.00	ng	0.00
76) Chrysene-d12	13.85	240	542449	20.00	ng	-0.01
86) Perylene-d12	15.26	264	520180	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1032872	104.24	ng	0.01
7) Phenol-d6	6.35	99	1270457	100.44	ng	0.00
23) Nitrobenzene-d5	7.26	82	887402	78.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	394767	101.78	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1500825	86.84	ng	0.00
79) Terphenyl-d14	12.80	244	1581851	56.99	ng	0.00

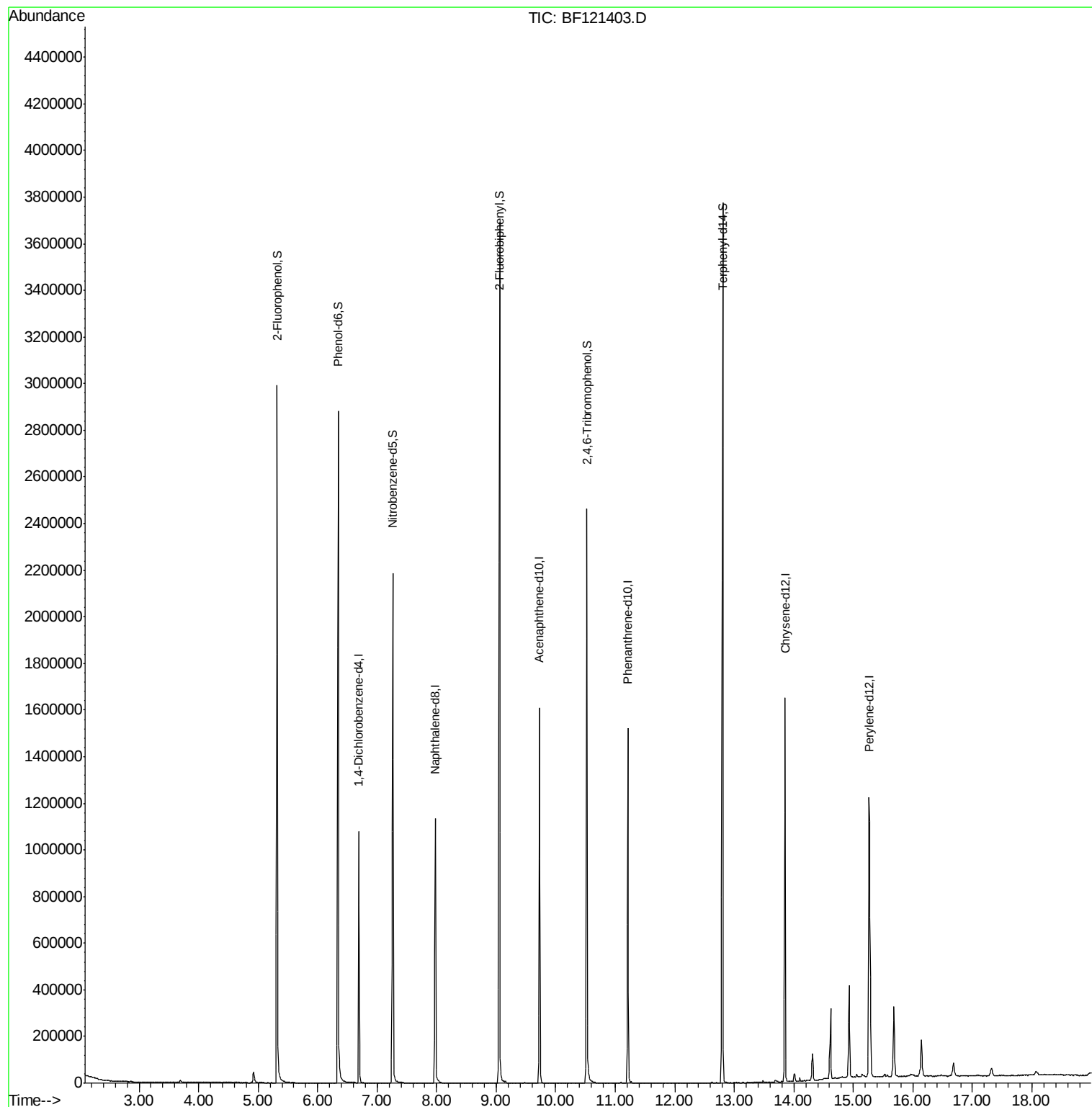
Target Compounds Qvalue

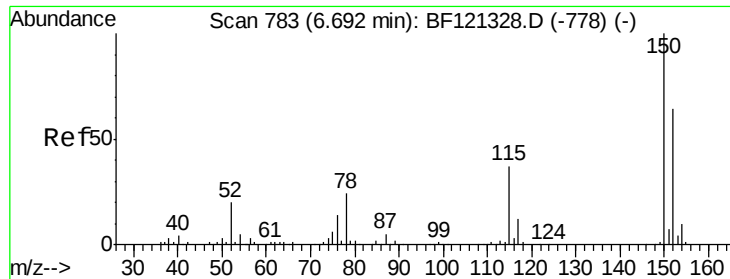
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 24 11:54:47 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

Instrument :

BNA_F

ClientSampleId :

PB131155BL

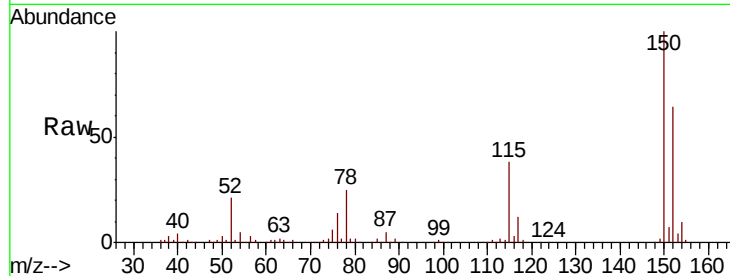
Tot Ion:152 Resp: 162470

Ion Ratio Lower Upper

152 100

150 157.1 125.4 188.0

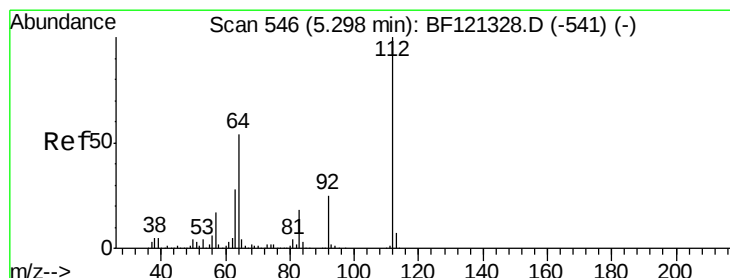
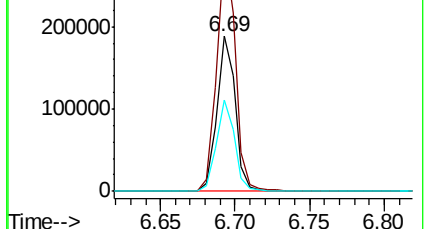
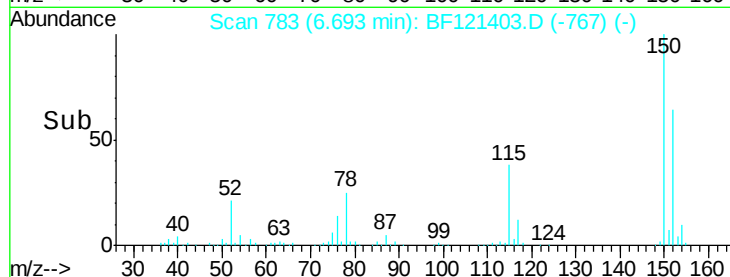
115 59.0 47.0 70.6



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: 104.243 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

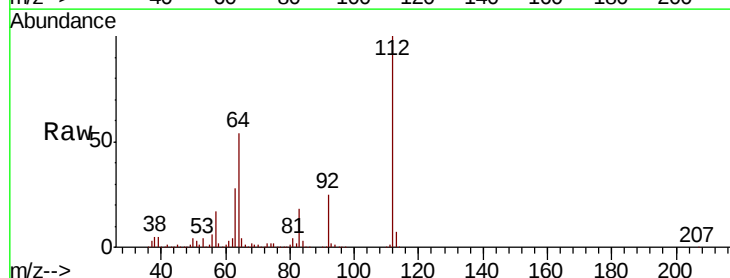
Tgt Ion:112 Resp: 1032872

Ion Ratio Lower Upper

112 100

64 54.4 42.2 63.4

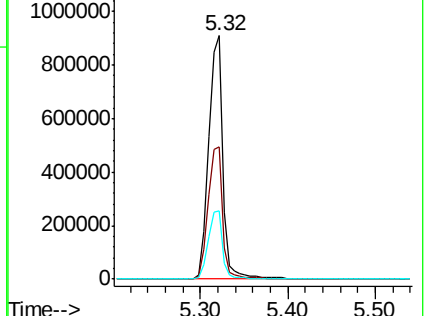
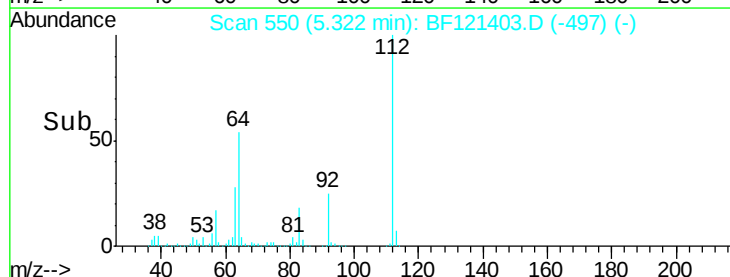
63 28.0 21.4 32.2

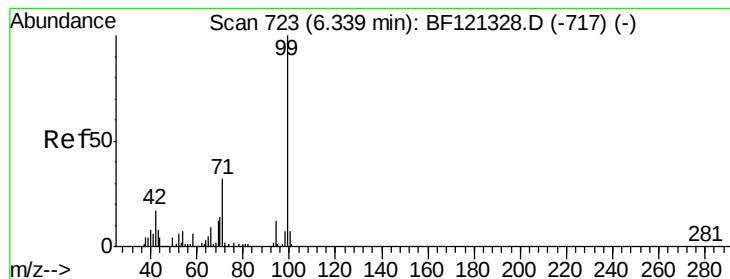


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.441 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

Instrument :

BNA_F

ClientSampled :

PB131155BL

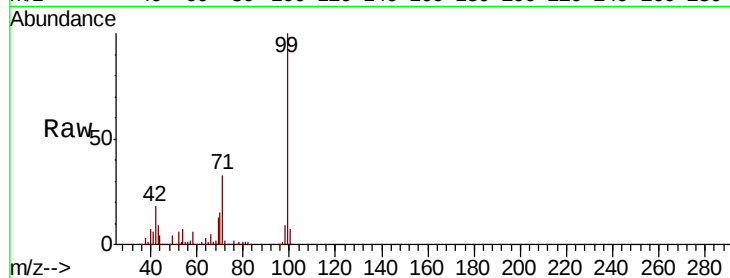
Tot Ion: 99 Resp: 1270457

Ion Ratio Lower Upper

99 100

42 17.6 13.9 20.9

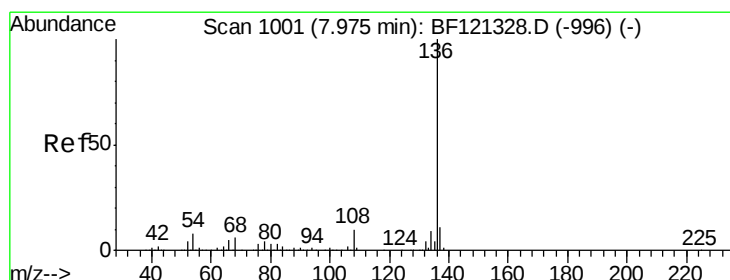
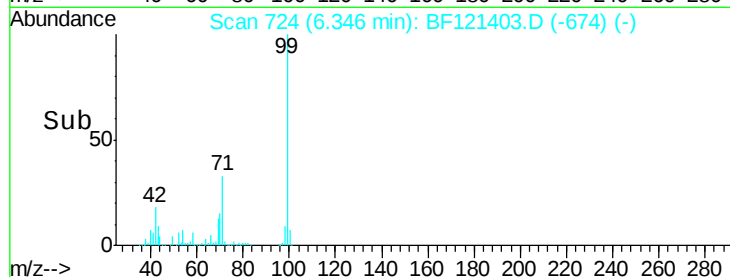
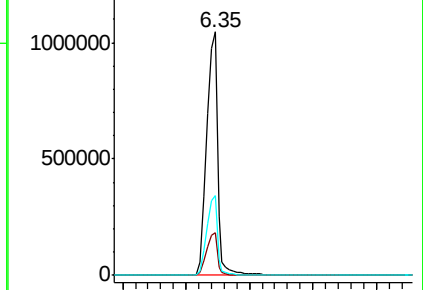
71 32.6 25.5 38.3



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: BF121403.D

Acq: 24 Aug 2020 17:13

Tgt Ion: 136 Resp: 639388

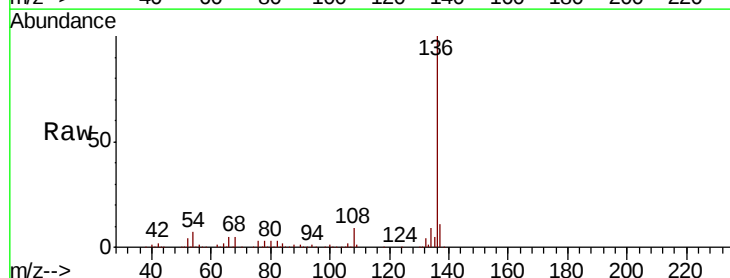
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.7 5.8 8.6

68 5.3 4.7 7.1

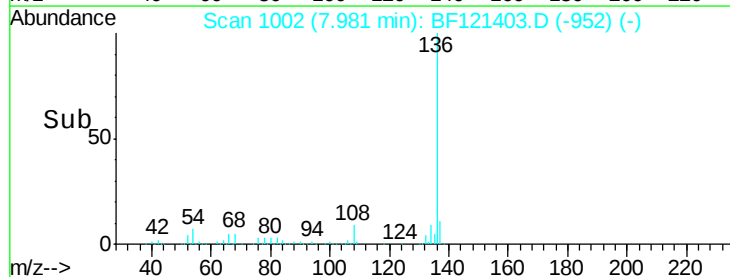
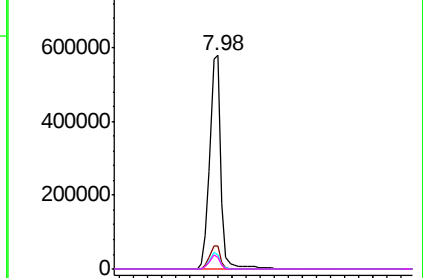


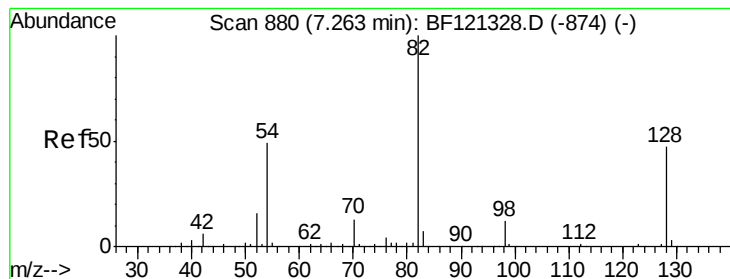
Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.494 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

Instrument :

BNA_F

ClientSampleId :

PB131155BL

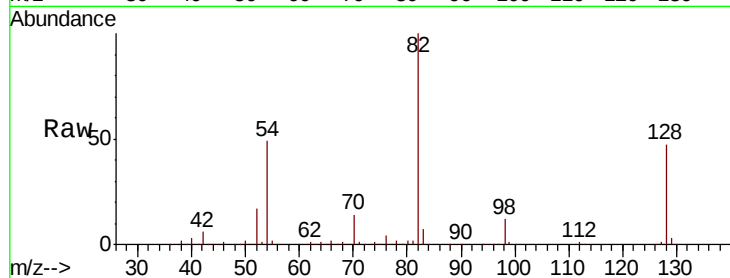
Tot Ion: 82 Resp: 887402

Ion Ratio Lower Upper

82 100

128 46.9 38.4 57.6

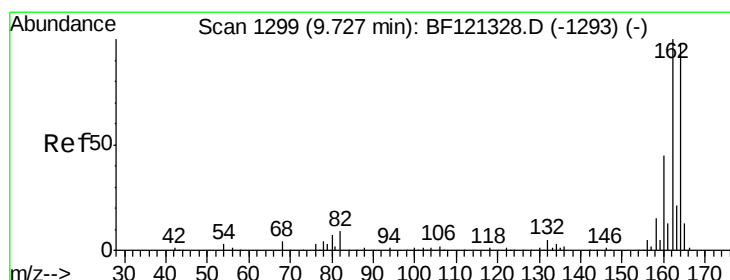
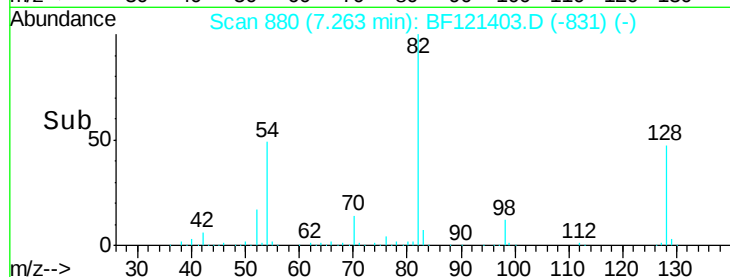
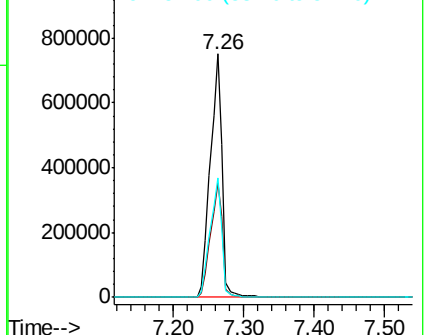
54 49.1 39.0 58.6



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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

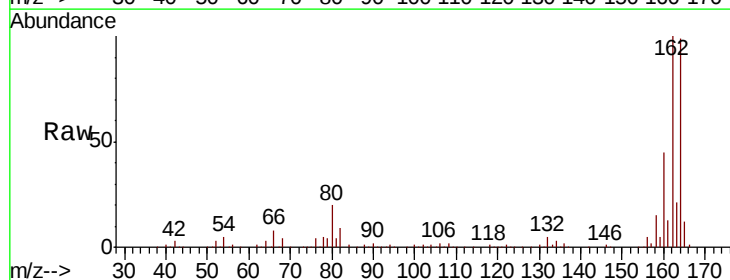
Tgt Ion:164 Resp: 332838

Ion Ratio Lower Upper

164 100

162 101.1 81.9 122.9

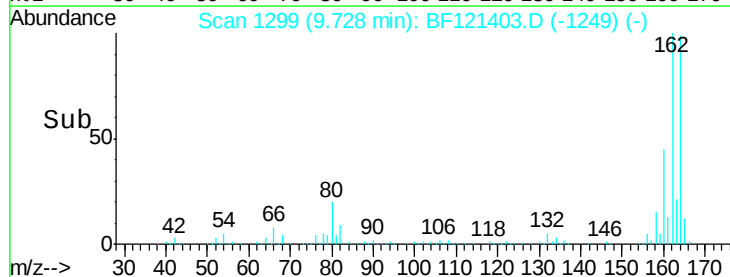
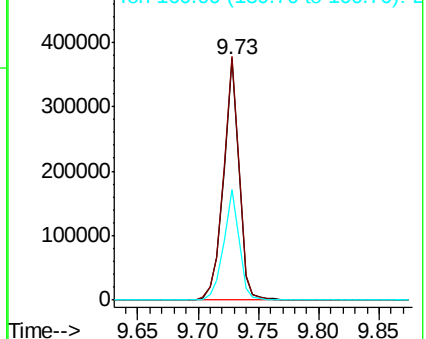
160 45.8 37.1 55.7

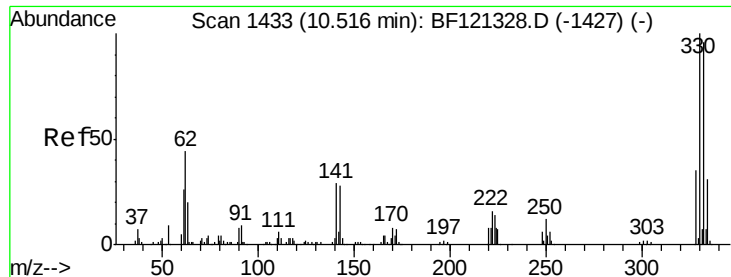


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 101.780 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

Instrument :

BNA_F

ClientSampleId :

PB131155BL

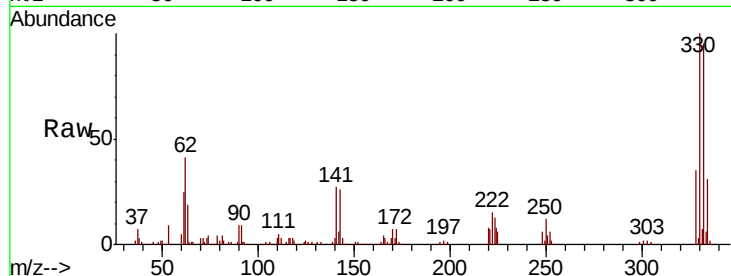
Tot Ion:330 Resp: 394767

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

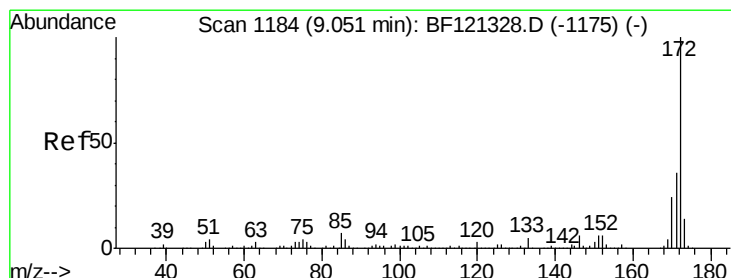
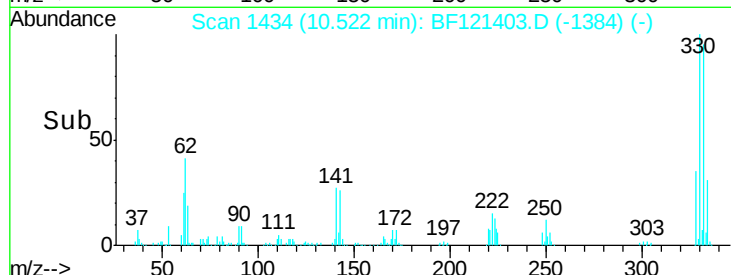
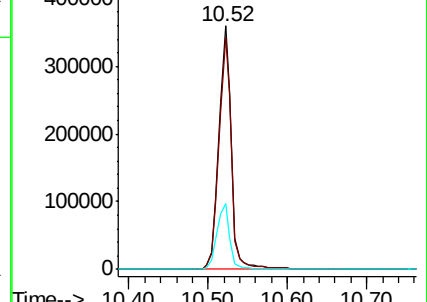
141 28.1 22.8 34.2



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: 86.843 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

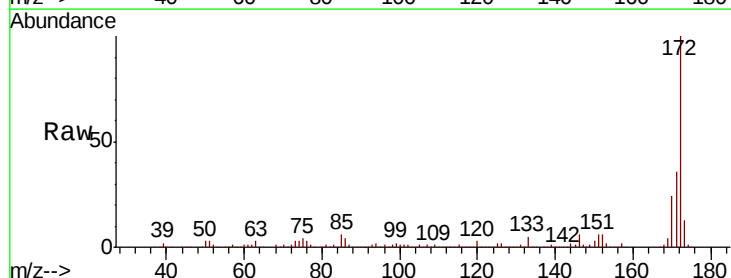
Tgt Ion:172 Resp: 1500825

Ion Ratio Lower Upper

172 100

171 35.9 29.2 43.8

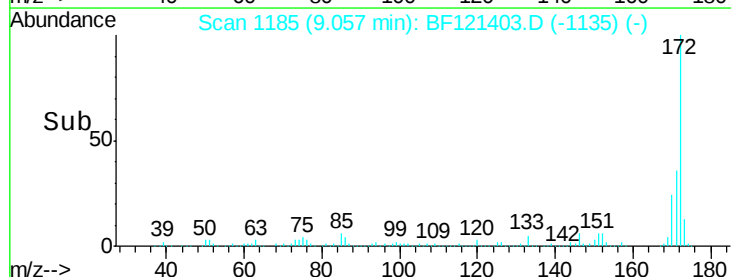
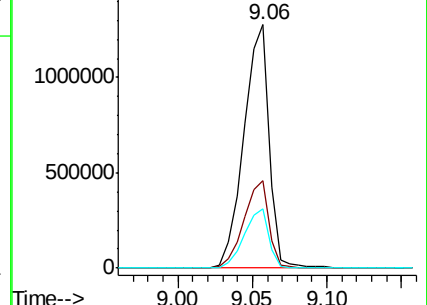
170 24.2 19.6 29.4

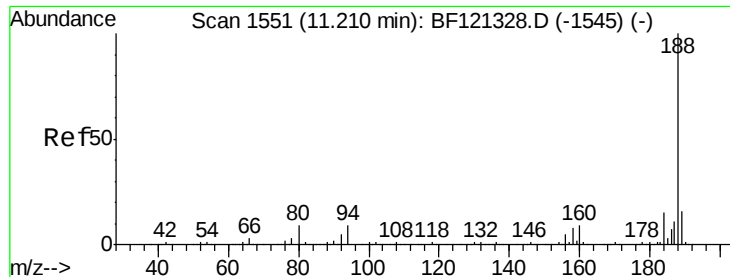


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

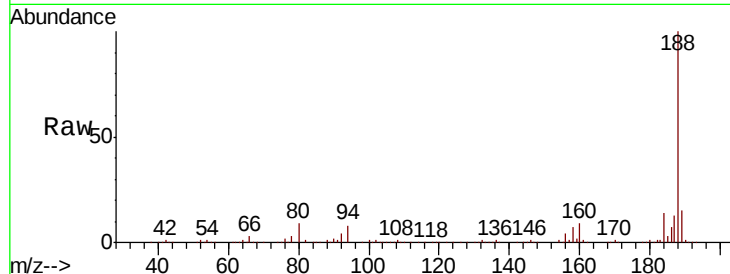




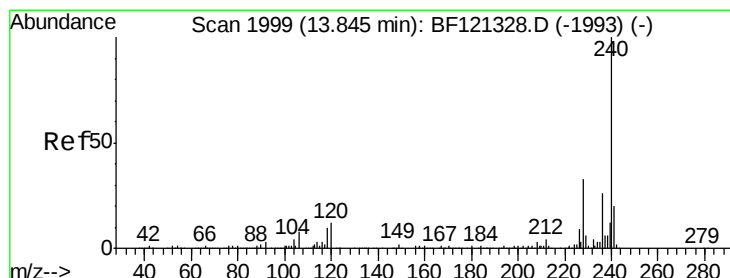
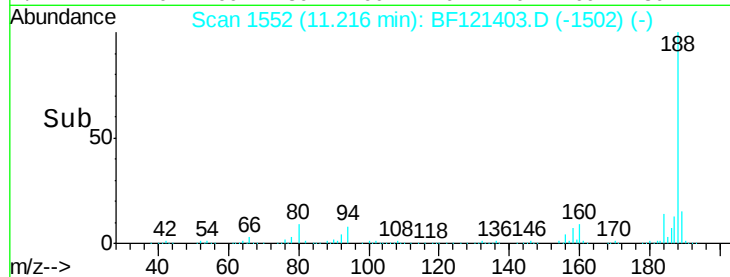
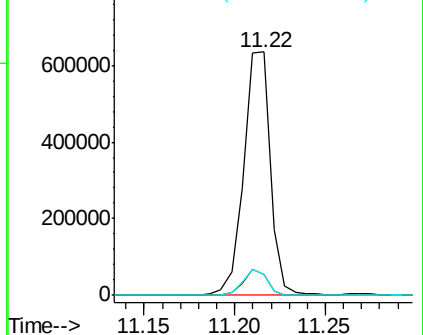
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF121403.D
Acq: 24 Aug 2020 17:13

Instrument :
BNA_F
ClientSampleId :
PB131155BL

Tot Ion:188 Resp: 649269
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 8.8 7.1 10.7

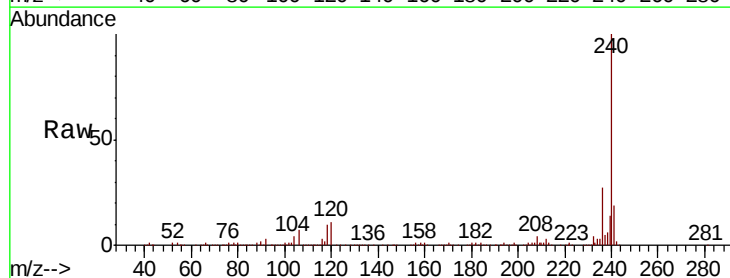


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

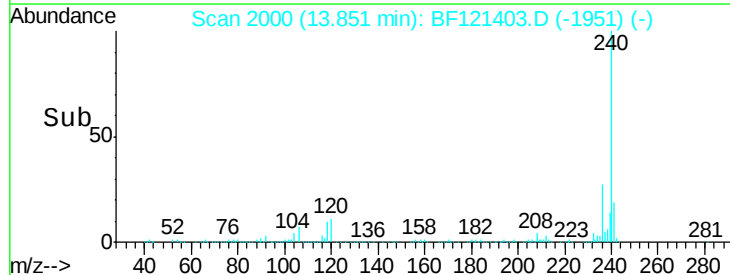
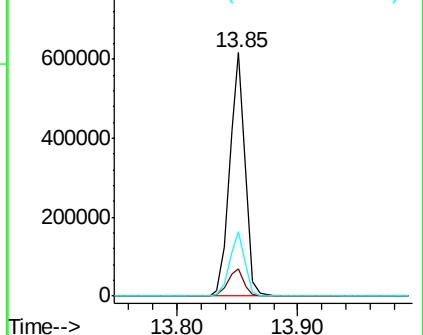


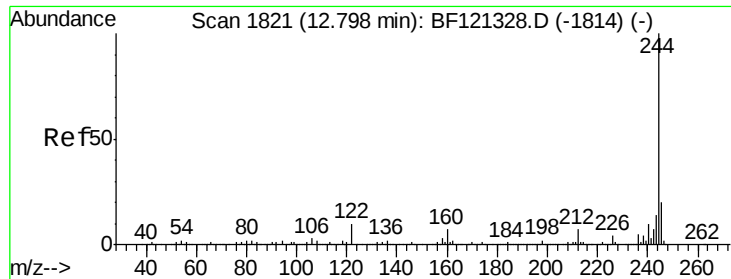
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF121403.D
Acq: 24 Aug 2020 17:13

Tgt Ion:240 Resp: 542449
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
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: 56.986 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

Instrument :

BNA_F

ClientSampleId :

PB131155BL

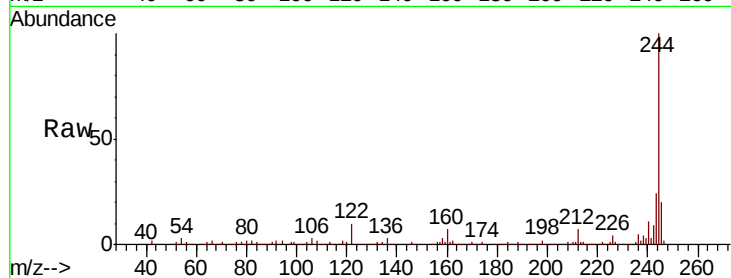
Tot Ion:244 Resp: 1581851

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

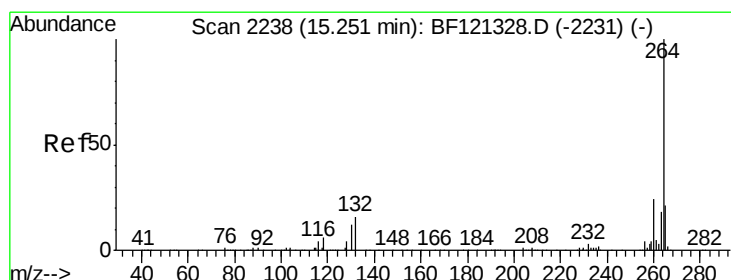
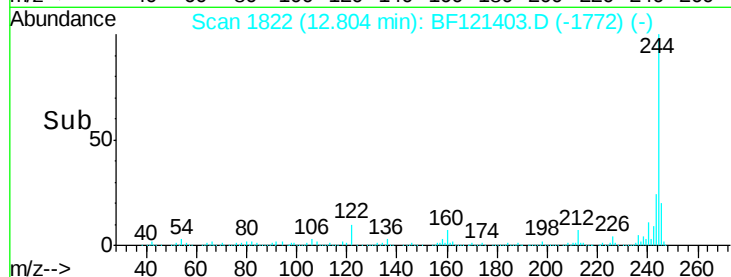
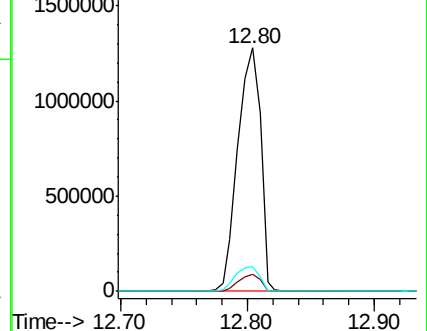
122 9.9 7.7 11.5



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: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

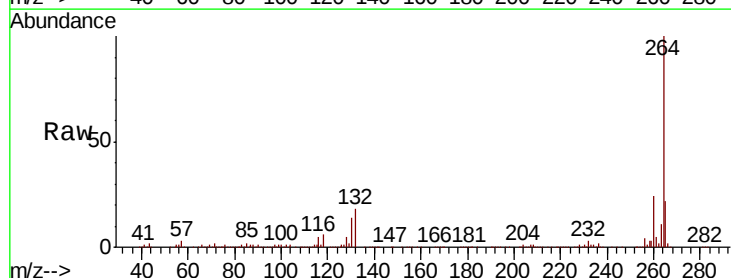
Tgt Ion:264 Resp: 520180

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.1 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

