

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121336.D
 Acq On : 20 Aug 2020 9:24
 Operator : JU/CG
 Sample : PB130970BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BL

Quant Time: Aug 20 11:21:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	161978	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	630517	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	324926	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	627224	20.00	ng	0.00
76) Chrysene-d12	13.84	240	541435	20.00	ng	0.00
86) Perylene-d12	15.24	264	546521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1020726	103.33	ng	0.02
7) Phenol-d6	6.33	99	1259988	99.92	ng	0.00
23) Nitrobenzene-d5	7.26	82	859776	77.12	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	373168	98.55	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1458009	86.35	ng	0.00
79) Terphenyl-d14	12.80	244	1497909	54.06	ng	0.00

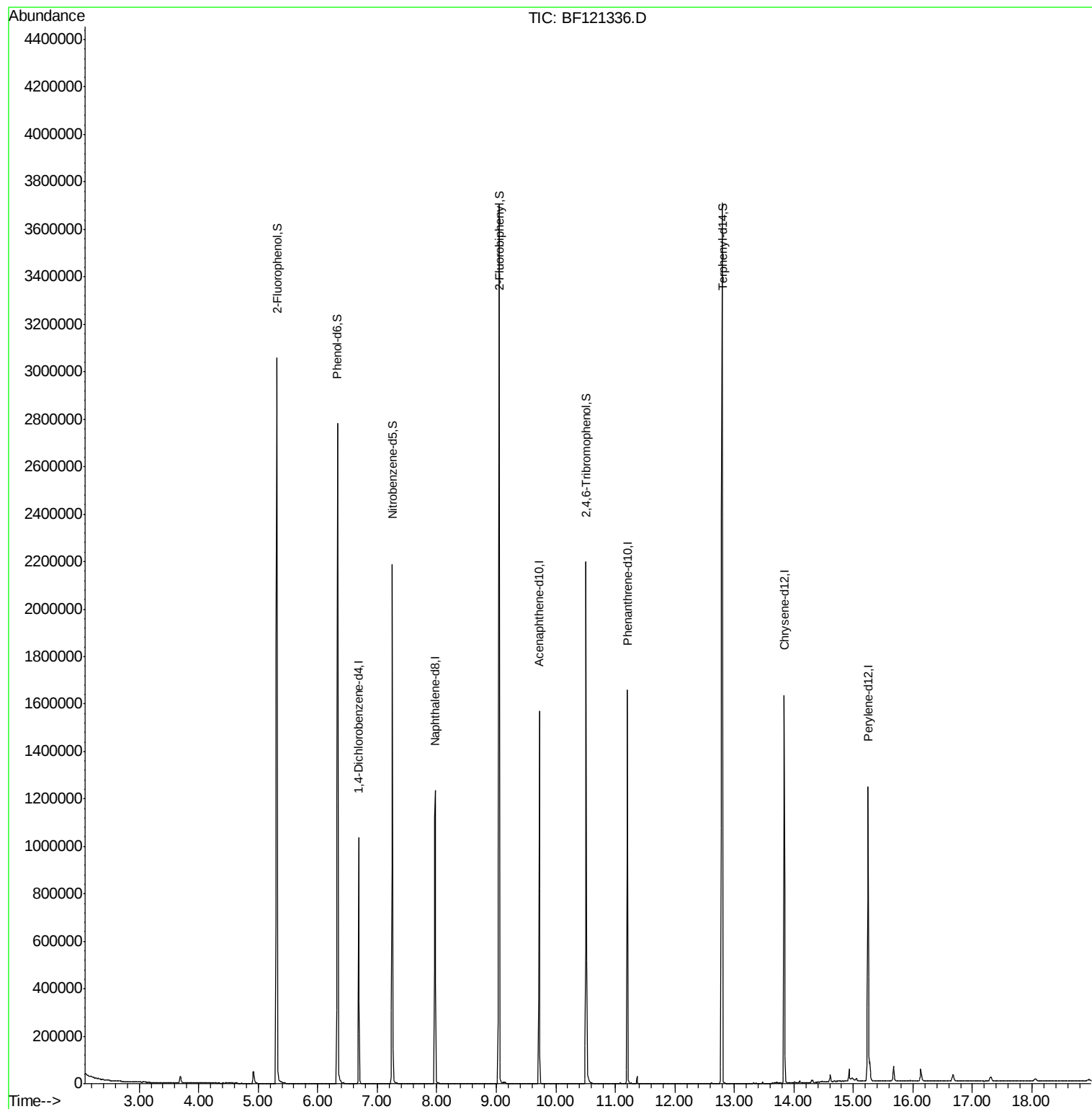
Target Compounds Qvalue

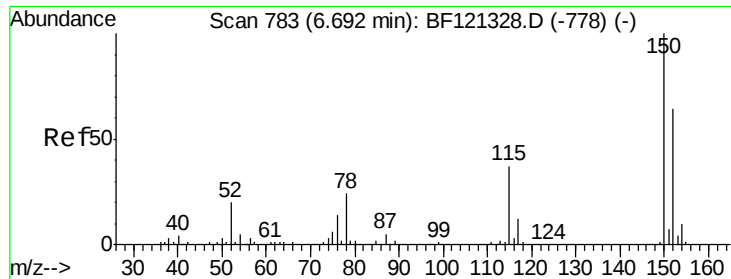
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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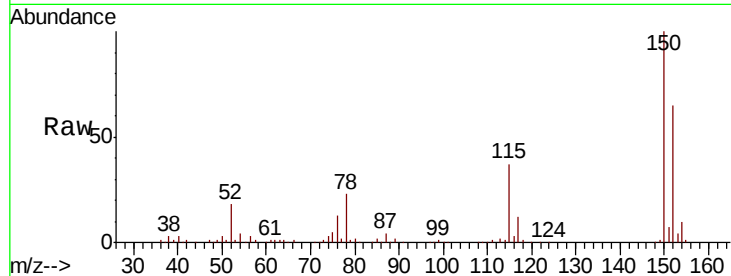


#1

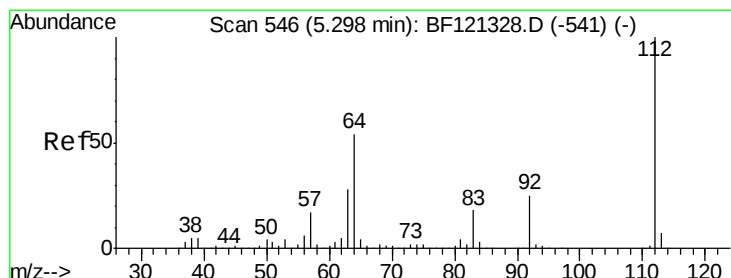
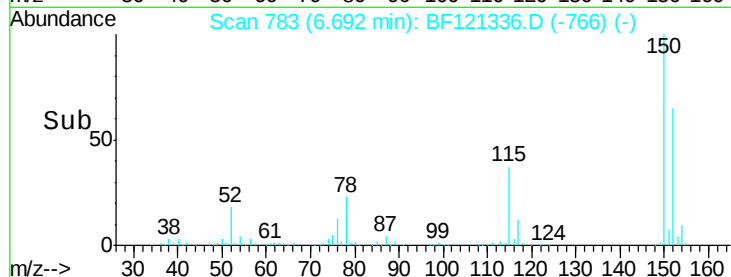
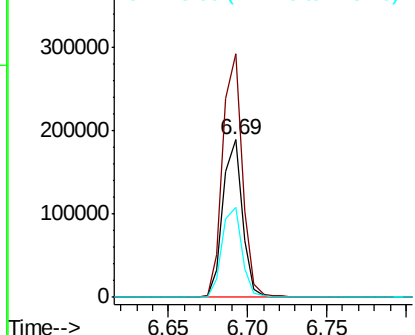
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121336.D
Acq: 20 Aug 2020 9:24

Instrument :
BNA_F
ClientSampleId :
PB130970BL

Tot Ion:152 Resp: 161978
Ion Ratio Lower Upper
152 100
150 154.7 124.8 187.2
115 57.5 46.1 69.1



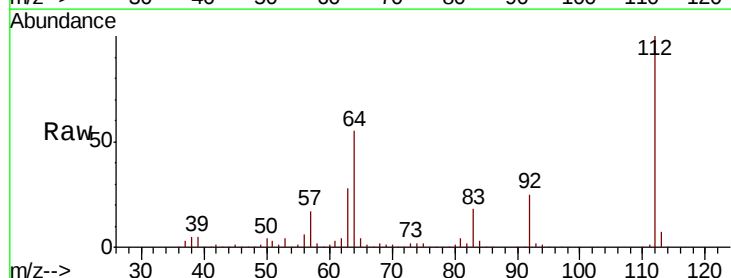
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



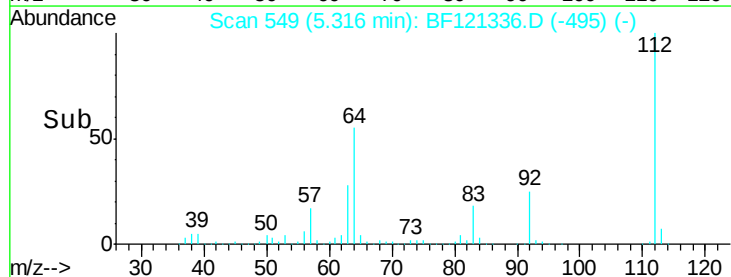
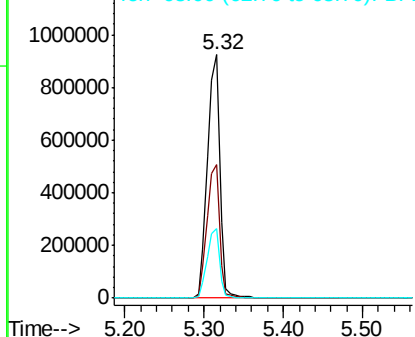
#5

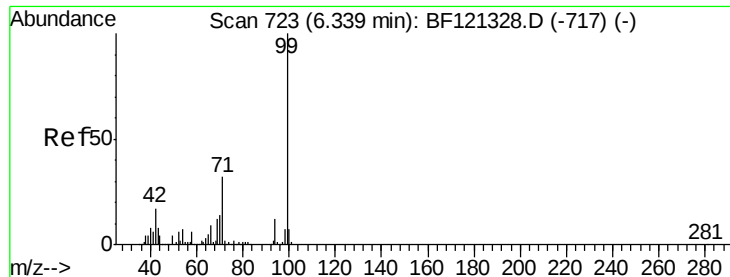
2-Fluorophenol
Concen: 103.330 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF121336.D
Acq: 20 Aug 2020 9:24

Tgt Ion:112 Resp: 1020726
Ion Ratio Lower Upper
112 100
64 54.9 43.5 65.3
63 28.4 22.0 33.0



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: 99.915 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

Instrument :

BNA_F

ClientSampleId :

PB130970BL

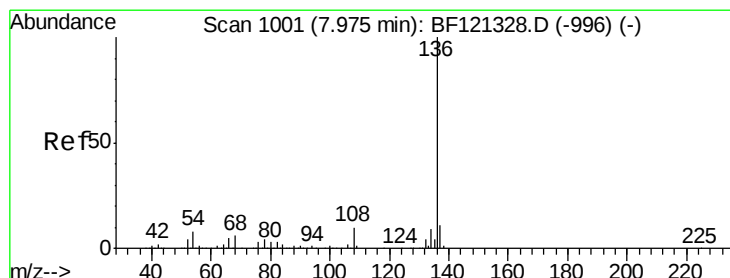
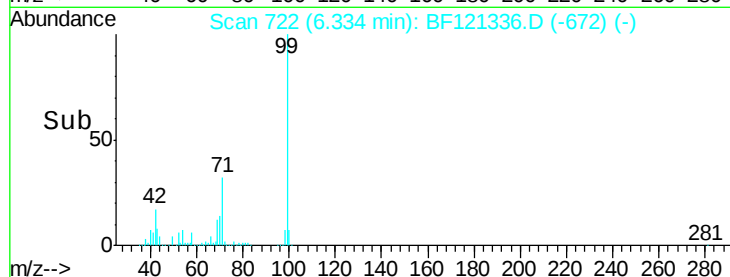
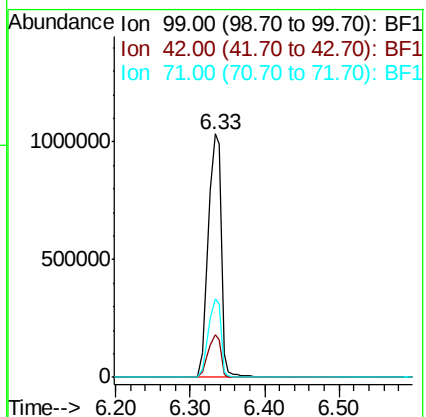
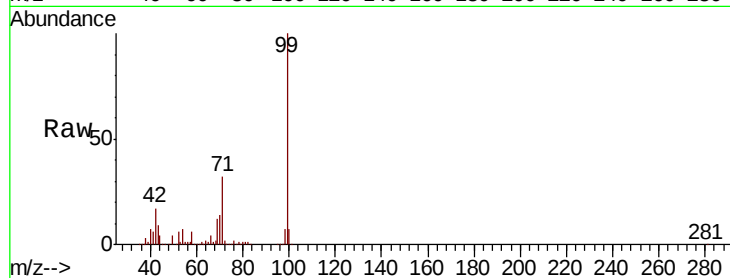
Tot Ion: 99 Resp: 1259988

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 32.4 25.2 37.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

Tgt Ion: 136 Resp: 630517

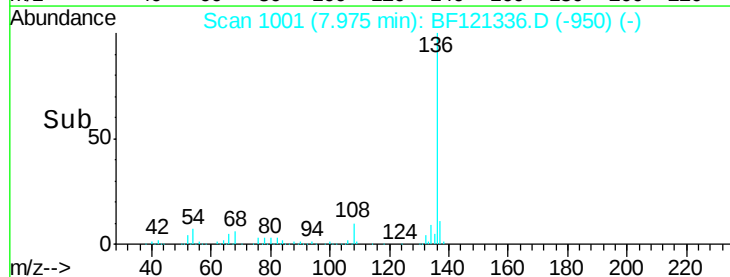
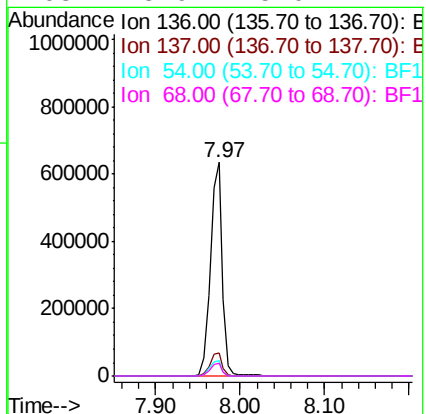
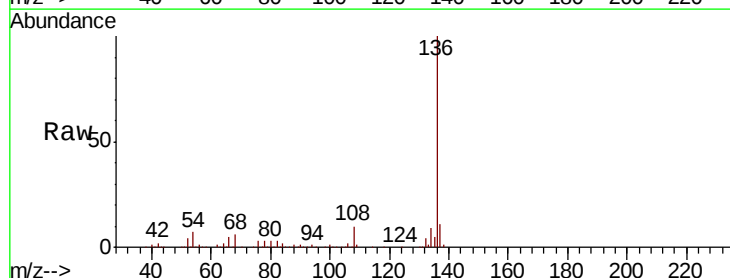
Ion Ratio Lower Upper

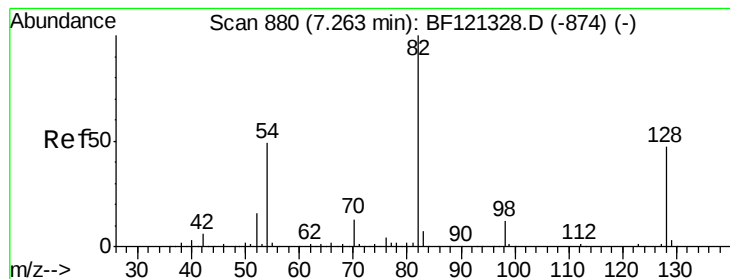
136 100

137 11.0 8.9 13.3

54 7.0 6.1 9.1

68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 77.120 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

Instrument :

BNA_F

ClientSampleId :

PB130970BL

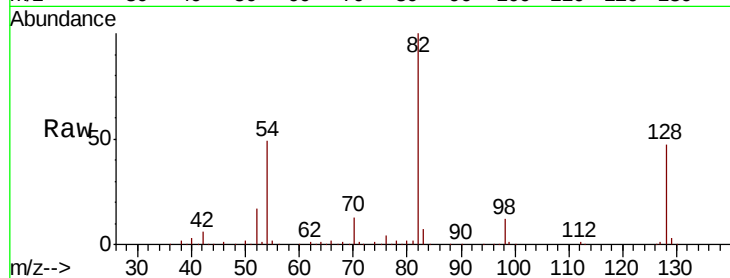
Tot Ion: 82 Resp: 859776

Ion Ratio Lower Upper

82 100

128 46.6 37.9 56.9

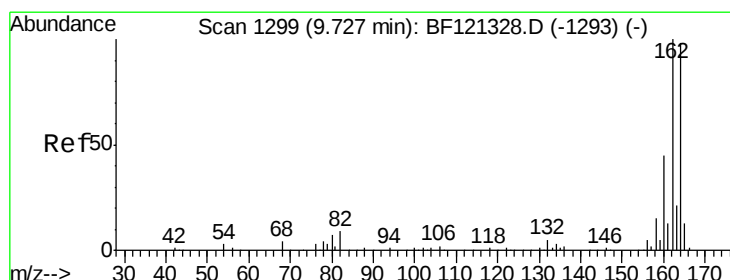
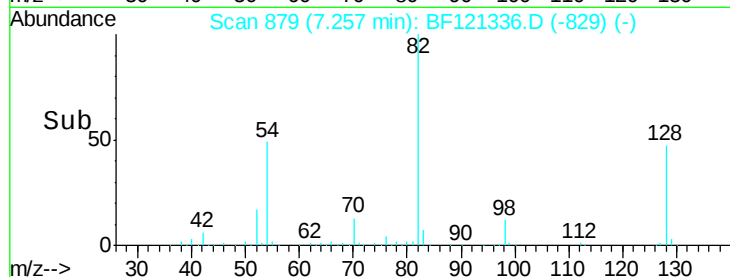
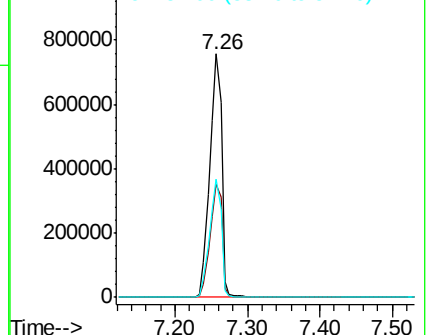
54 48.7 39.0 58.4



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: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

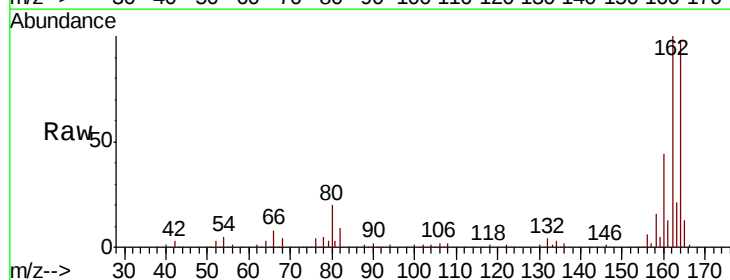
Tgt Ion:164 Resp: 324926

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

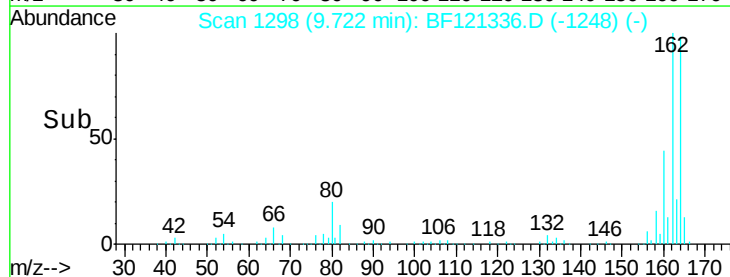
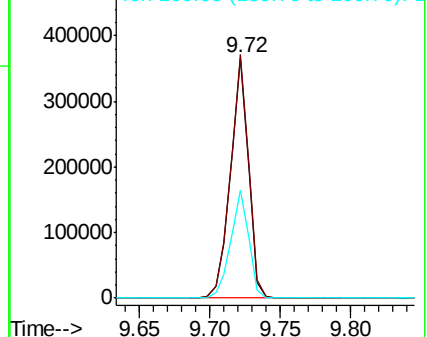
160 45.1 37.0 55.4

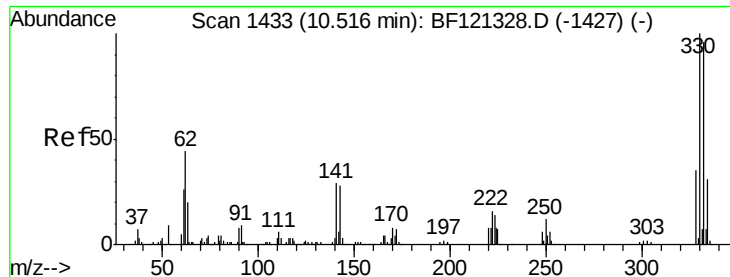


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

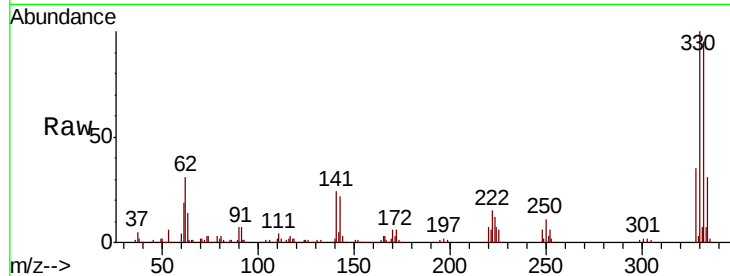




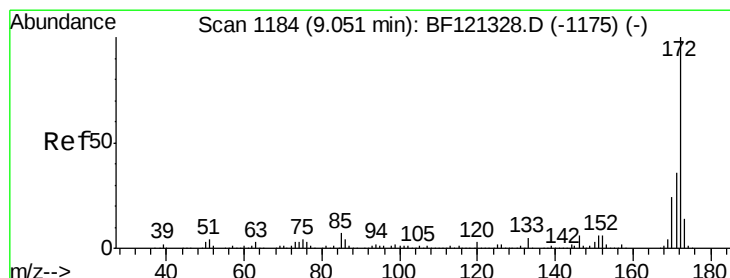
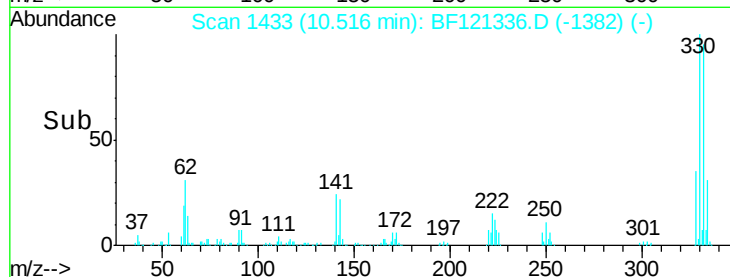
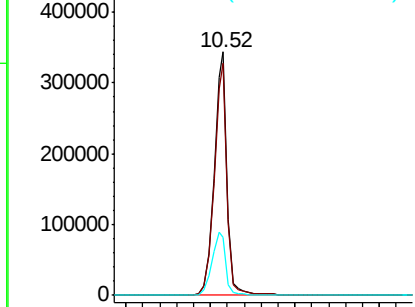
#42
 2,4,6-Tribromophenol
 Concen: 98.555 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121336.D
 Acq: 20 Aug 2020 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	28.2	22.8	34.2

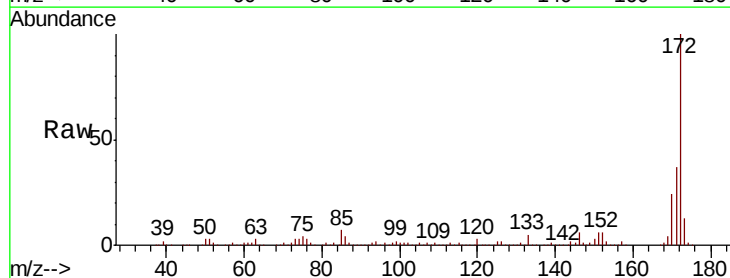


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

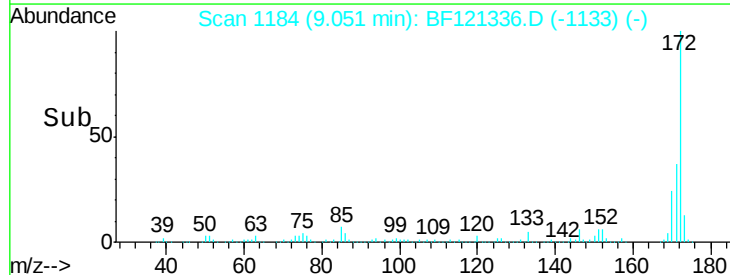
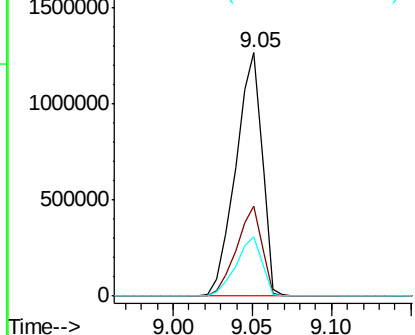


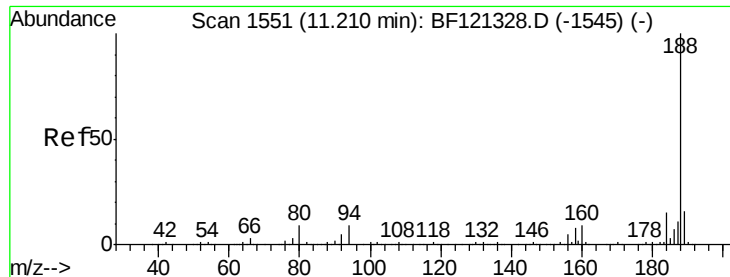
#45
 2-Fluorobiphenyl
 Concen: 86.345 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121336.D
 Acq: 20 Aug 2020 9:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.3	19.4	29.2



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: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

Instrument :

BNA_F

ClientSampleId :

PB130970BL

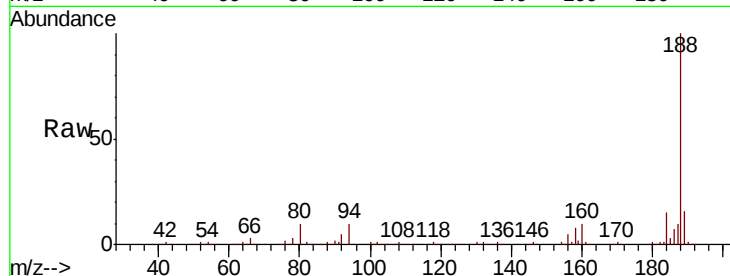
Tot Ion:188 Resp: 627224

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

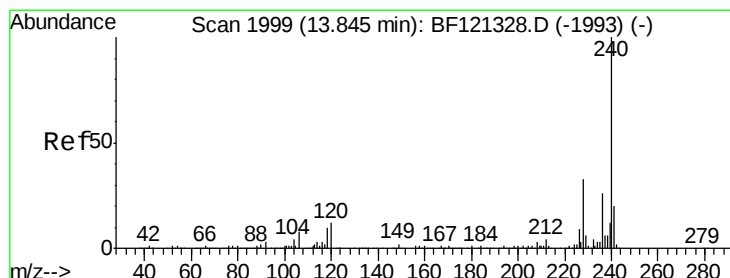
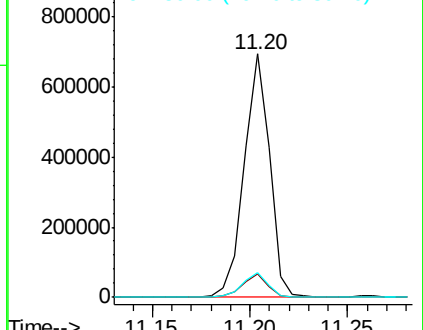
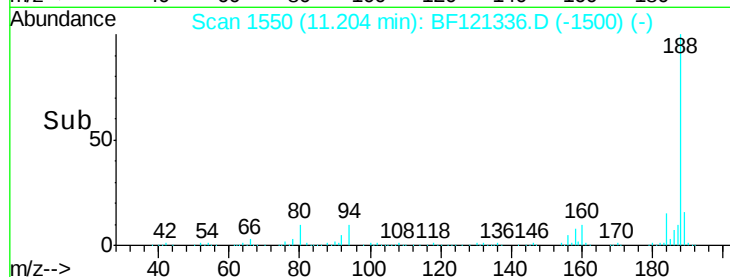
80 10.2 7.4 11.0



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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

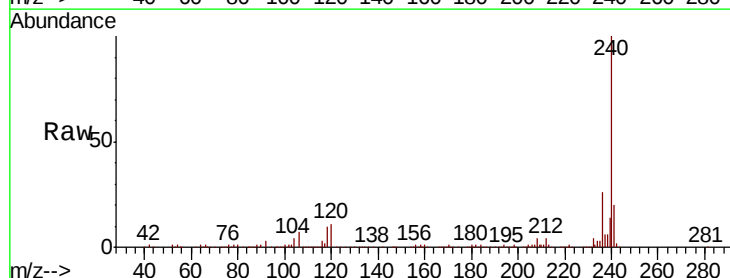
Tgt Ion:240 Resp: 541435

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

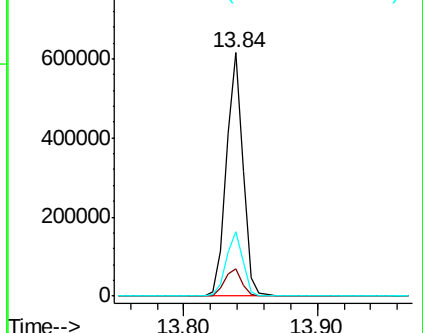
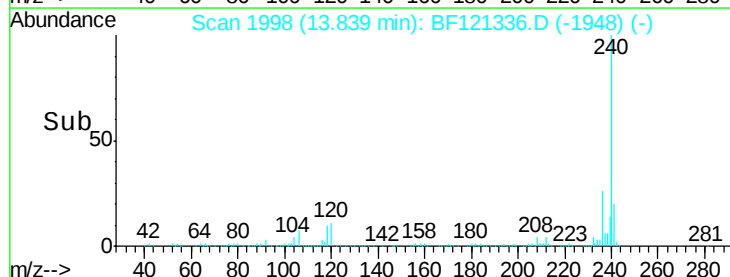
236 26.3 20.6 31.0

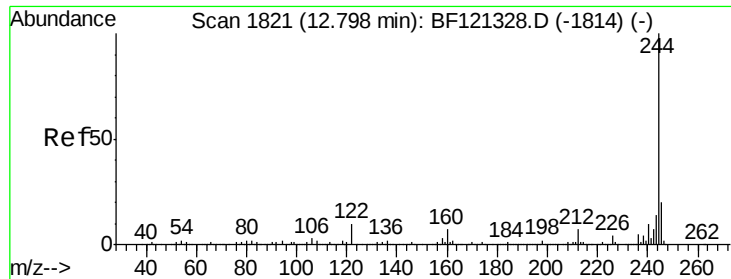


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

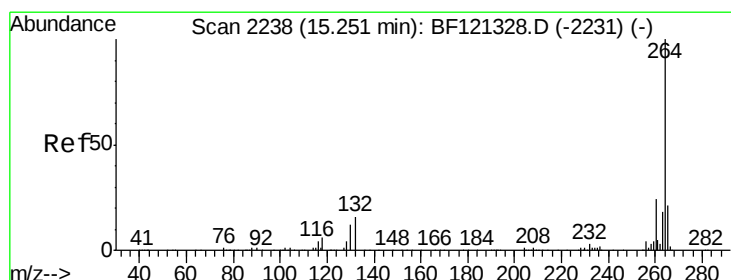
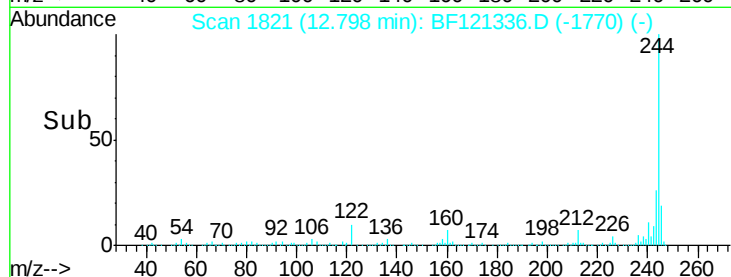
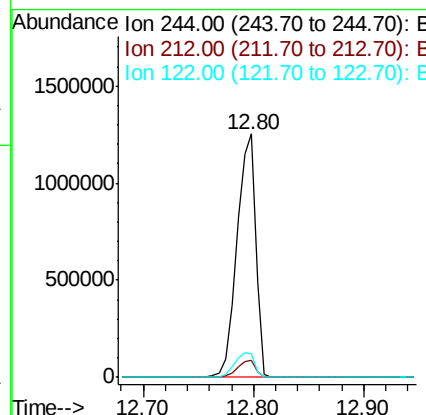
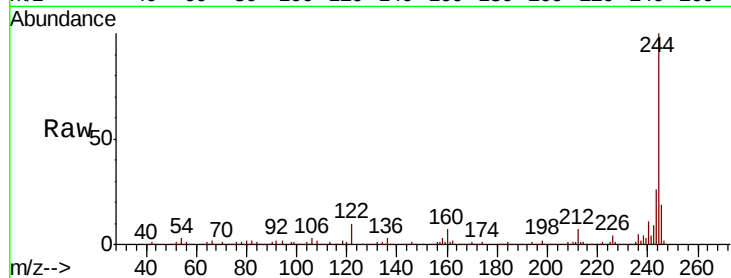




#79
 Terphenyl-d14
 Concen: 54.063 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121336.D
 Acq: 20 Aug 2020 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BL

Tot Ion:244 Resp: 1497909
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 9.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF121336.D
 Acq: 20 Aug 2020 9:24

Tgt Ion:264 Resp: 546521
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.9 17.1 25.7

