

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121301.D
 Acq On : 17 Aug 2020 10:31
 Operator : JU/CG
 Sample : PB131001BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BL

Quant Time: Aug 17 11:03:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	94059	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	367008	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	188076	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	361694	20.00	ng	0.00
76) Chrysene-d12	13.86	240	302773	20.00	ng	0.00
86) Perylene-d12	15.27	264	291947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	646044	104.13	ng	0.00
7) Phenol-d6	6.35	99	773020	96.69	ng	0.00
23) Nitrobenzene-d5	7.27	82	504049	75.06	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	226007	97.60	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	933894	68.69	ng	0.00
79) Terphenyl-d14	12.81	244	992323	63.89	ng	0.00

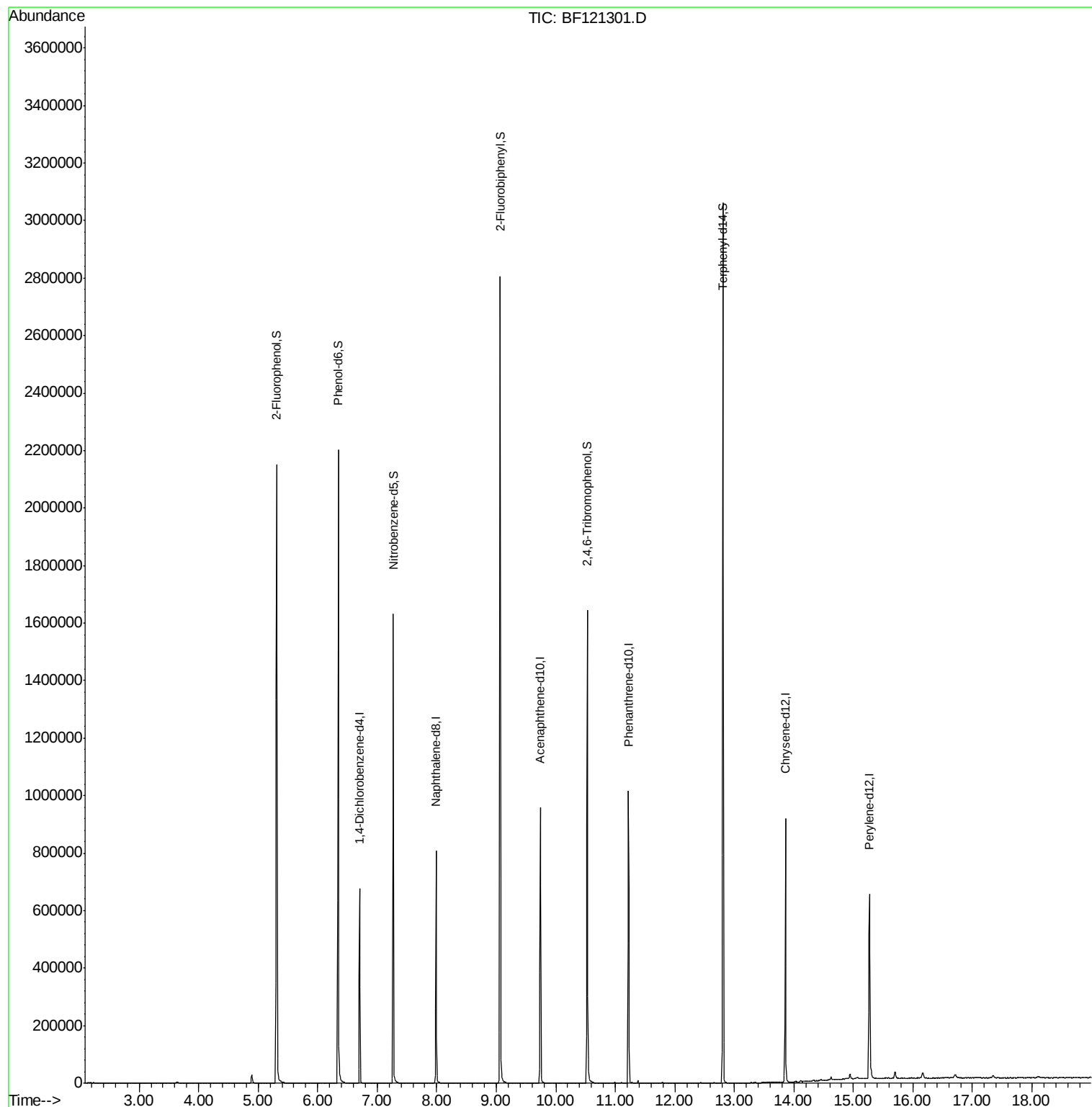
Target Compounds Qvalue

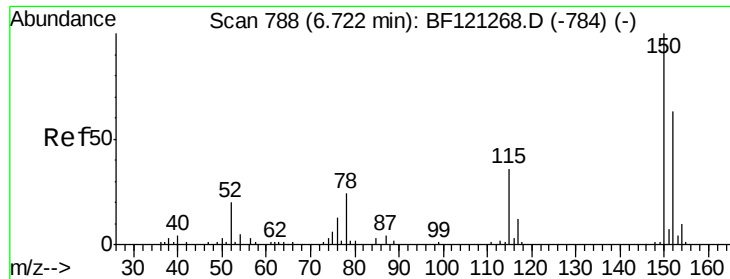
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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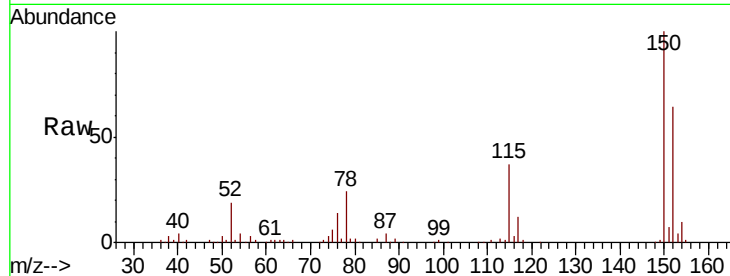


#1

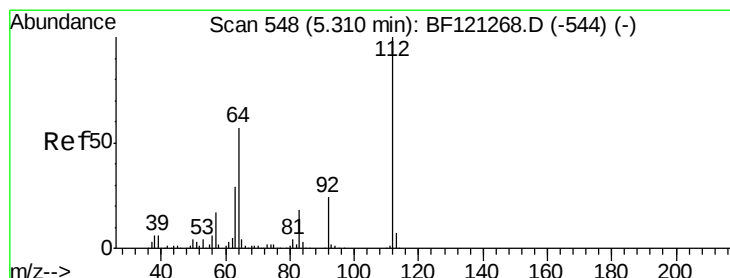
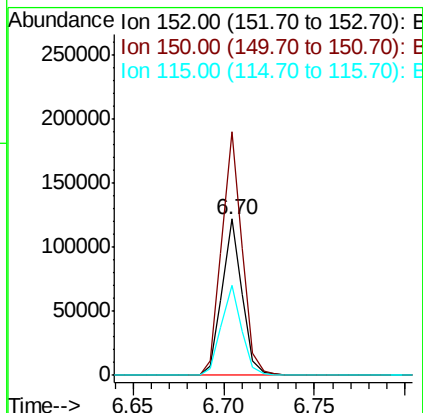
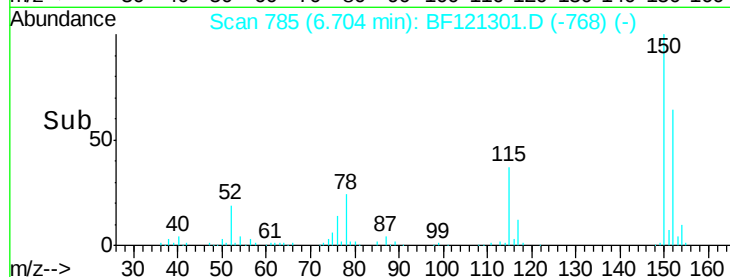
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF121301.D
Acq: 17 Aug 2020 10:31

Instrument :
BNA_F
ClientSampleId :
PB131001BL

Tot Ion:152 Resp: 94059
Ion Ratio Lower Upper
152 100
150 156.1 123.9 185.9
115 57.4 47.3 70.9



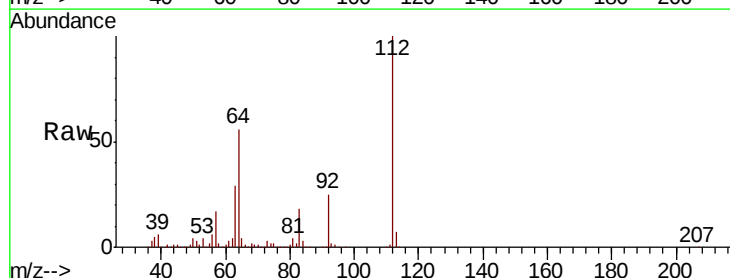
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



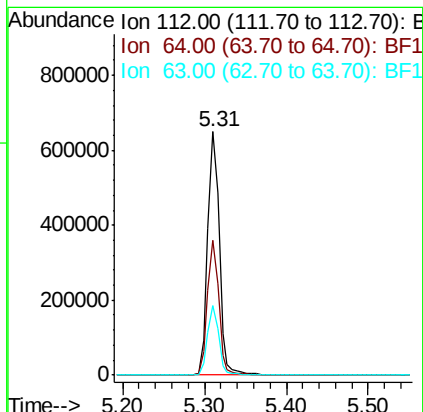
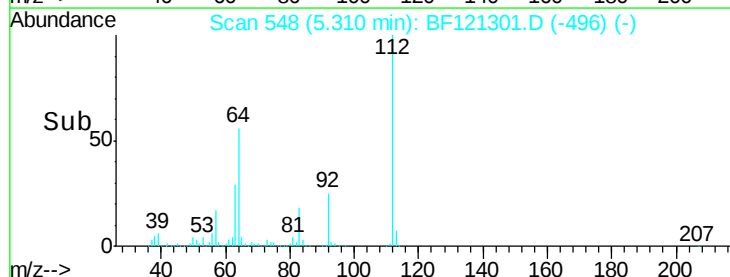
#5

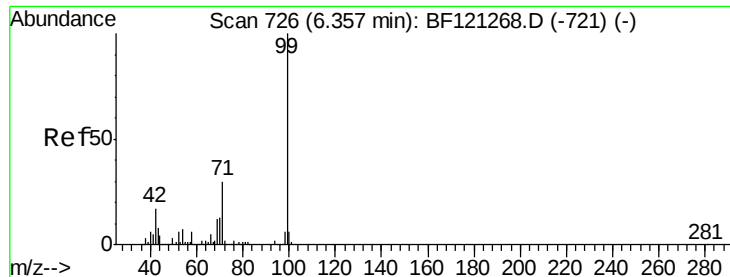
2-Fluorophenol
Concen: 104.131 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121301.D
Acq: 17 Aug 2020 10:31

Tgt Ion:112 Resp: 646044
Ion Ratio Lower Upper
112 100
64 55.5 42.9 64.3
63 28.5 22.2 33.2



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: 96.689 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121301.D

Acq: 17 Aug 2020 10:31

Instrument :

BNA_F

ClientSampleId :

PB131001BL

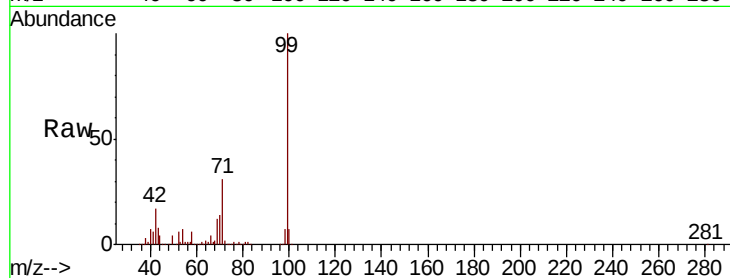
Tot Ion: 99 Resp: 773020

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

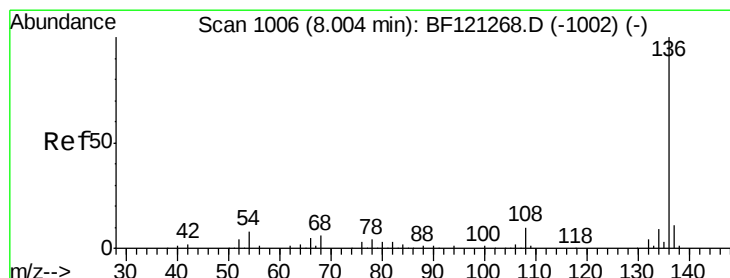
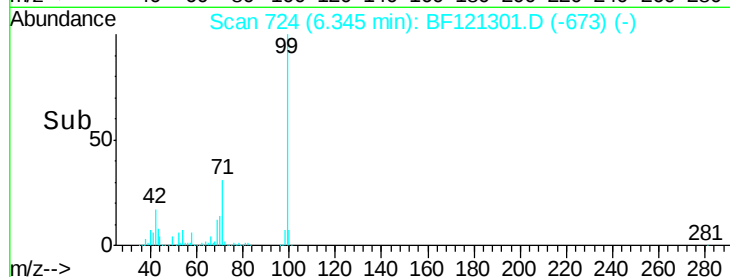
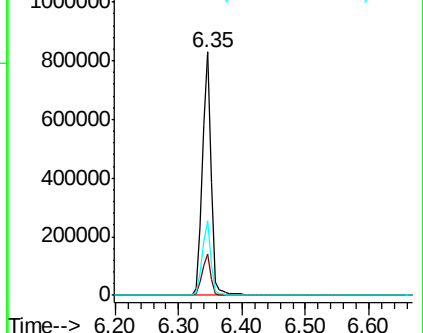
71 30.9 24.8 37.2



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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF121301.D

Acq: 17 Aug 2020 10:31

Tgt Ion: 136 Resp: 367008

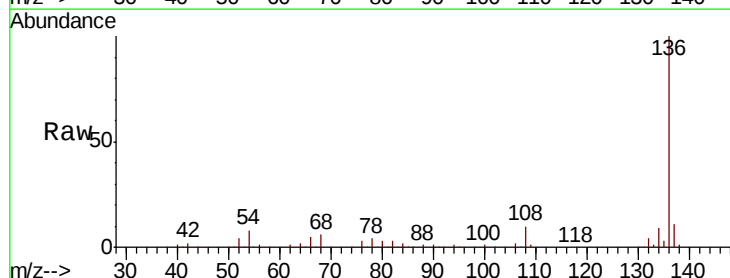
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.0 5.4 8.2

68 6.3 4.6 6.8

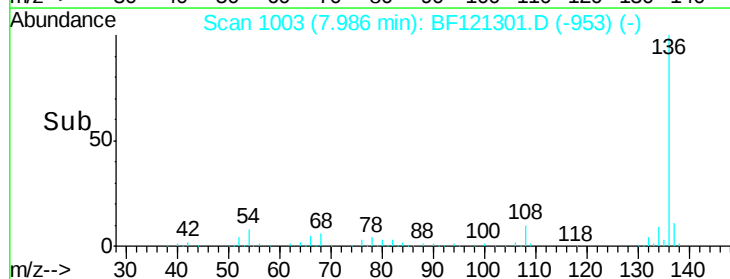
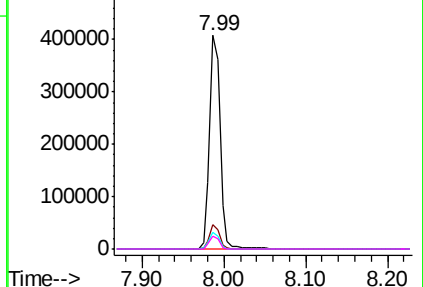


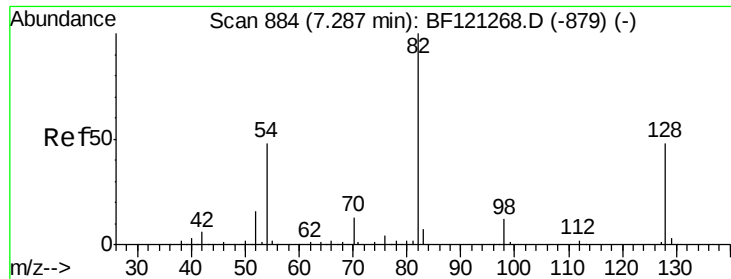
Abundance Ion 136.00 (135.70 to 136.70): E

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

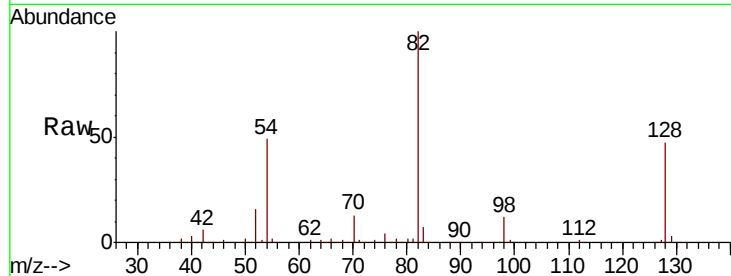




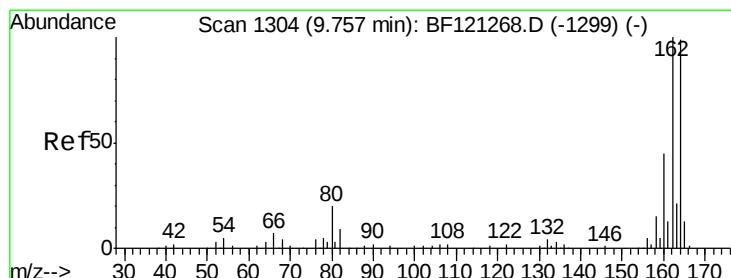
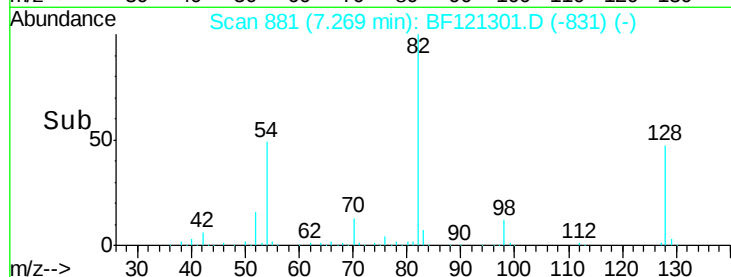
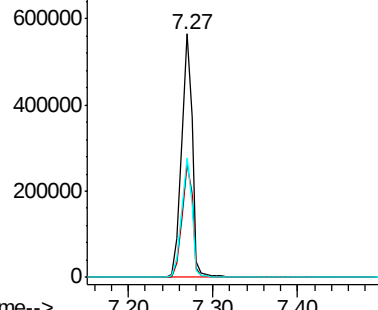
#23
 Nitrobenzene-d5
 Concen: 75.061 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BL

Tot Ion	82	Resp	504049
Ion Ratio	Lower	Upper	
82	100		
128	46.6	38.2	57.2
54	49.3	38.2	57.4

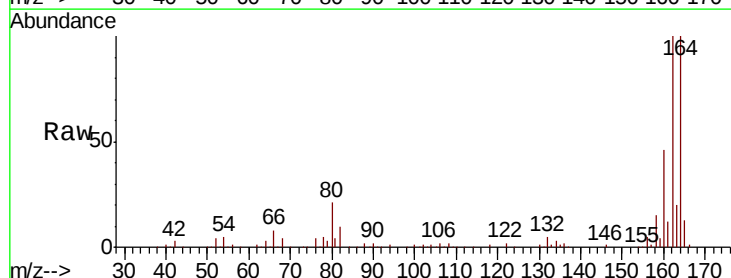


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

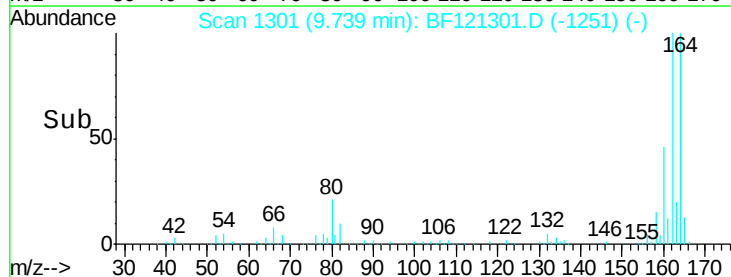
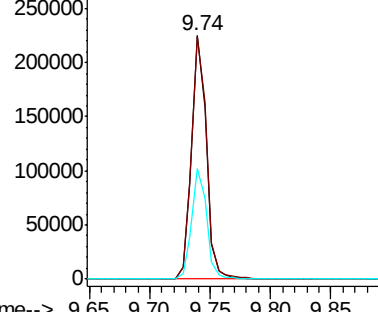


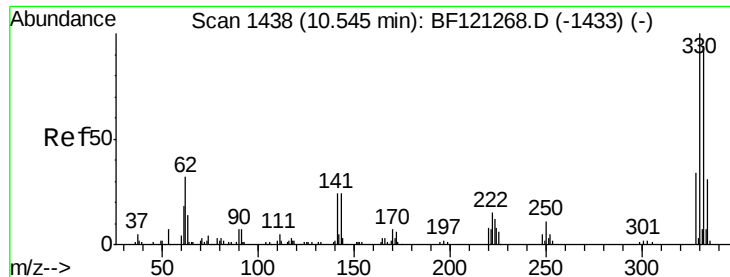
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Tgt Ion	164	Resp	188076
Ion Ratio	Lower	Upper	
164	100		
162	99.5	80.2	120.2
160	45.5	36.5	54.7



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

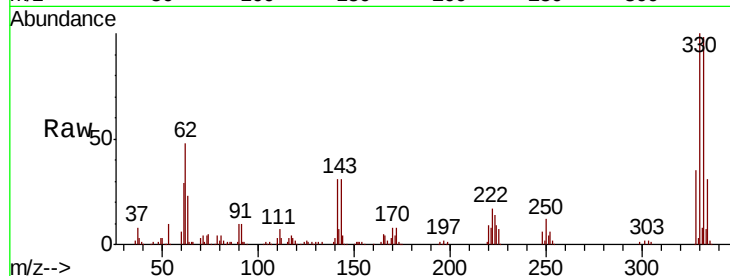




#42
 2,4,6-Tribromophenol
 Concen: 97.602 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	29.4	24.2	36.4

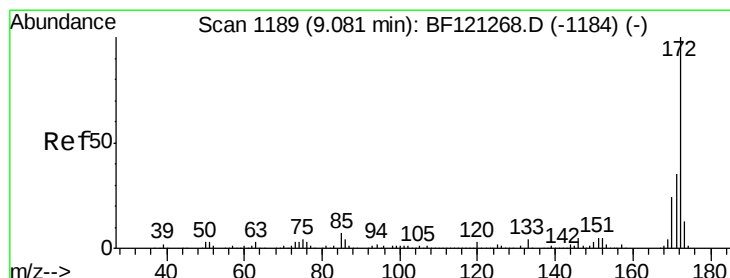
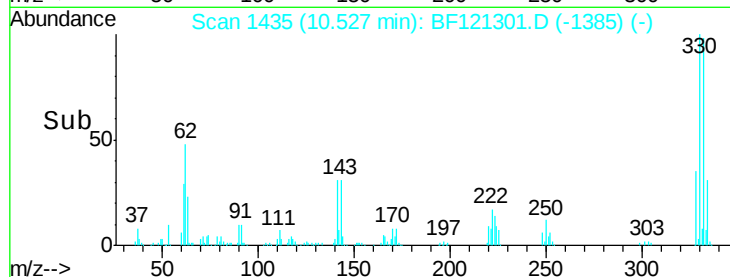
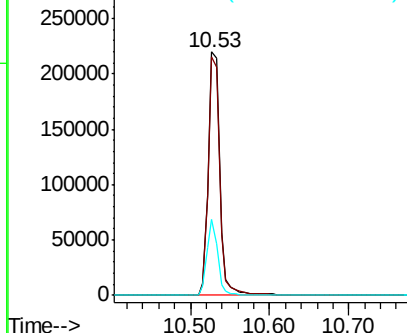


Abundance

Ion 329.80 (329.50 to 330.50): E

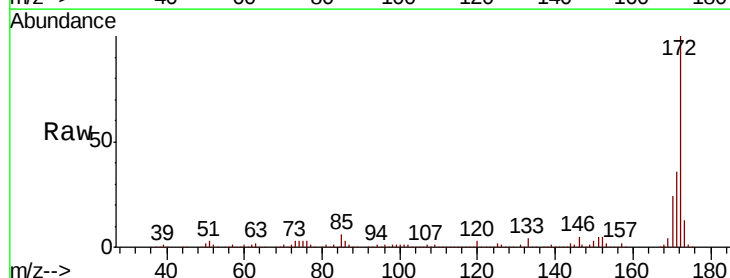
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.687 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.6	19.3	28.9

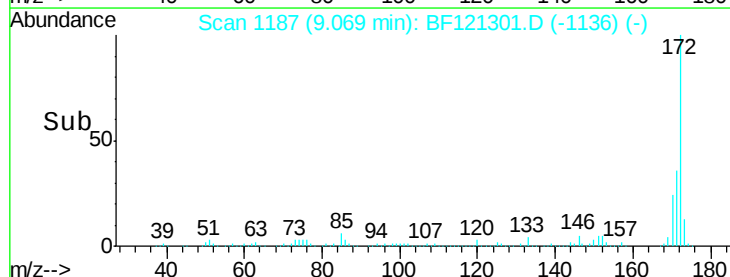
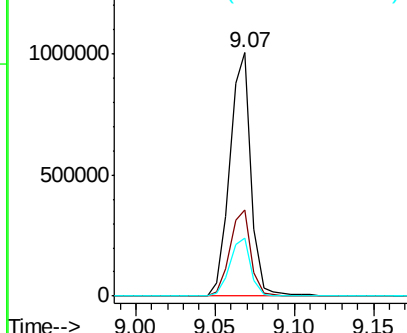


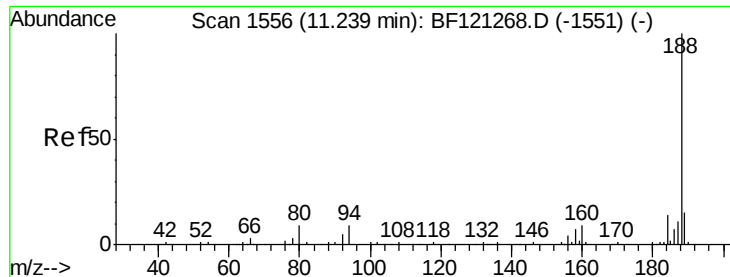
Abundance

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

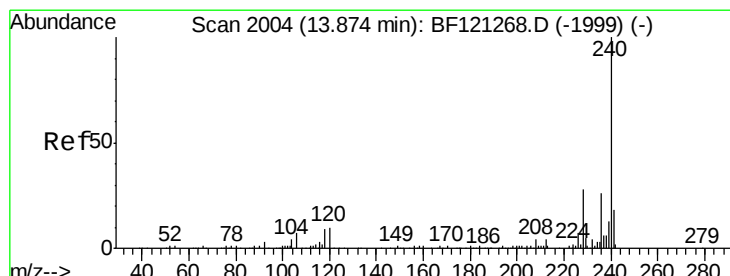
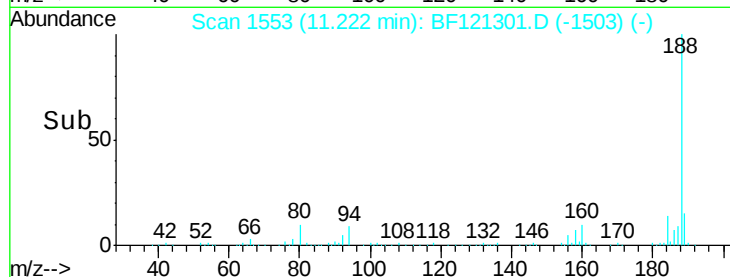
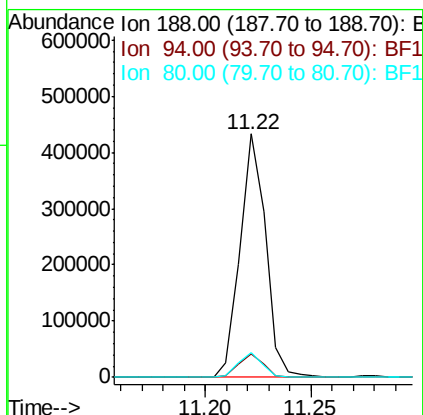
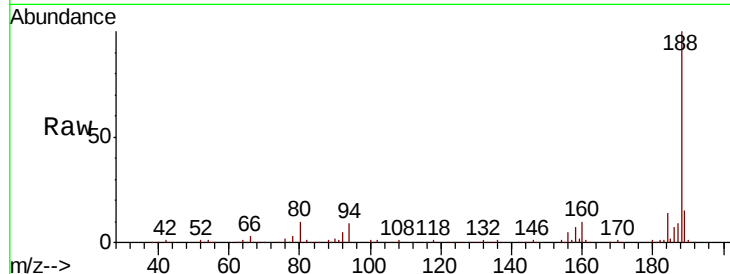




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF121301.D
Acq: 17 Aug 2020 10:31

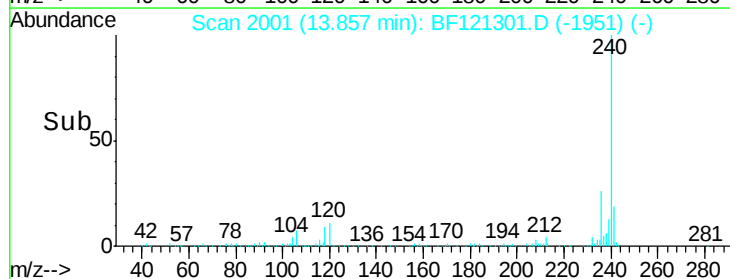
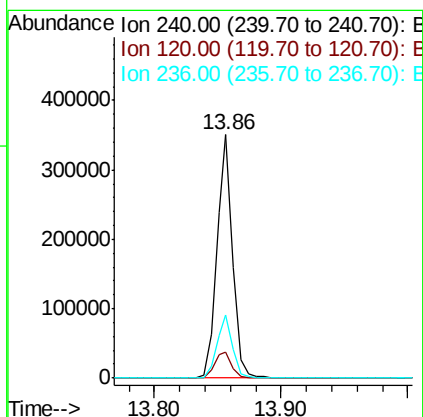
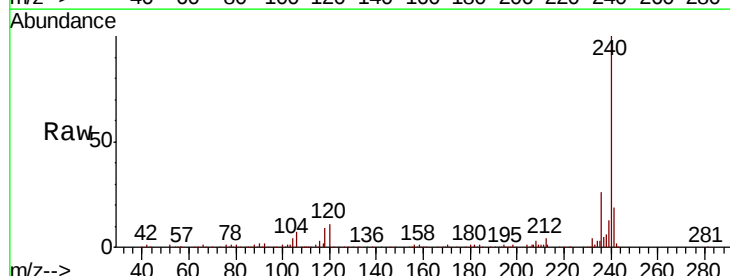
Instrument :
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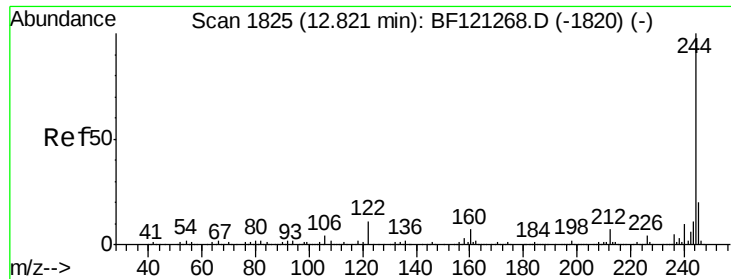
Tot Ion:188 Resp: 361694
Ion Ratio Lower Upper
188 100
94 9.5 6.4 9.6
80 10.1 7.0 10.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF121301.D
Acq: 17 Aug 2020 10:31

Tgt Ion:240 Resp: 302773
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 25.9 21.2 31.8

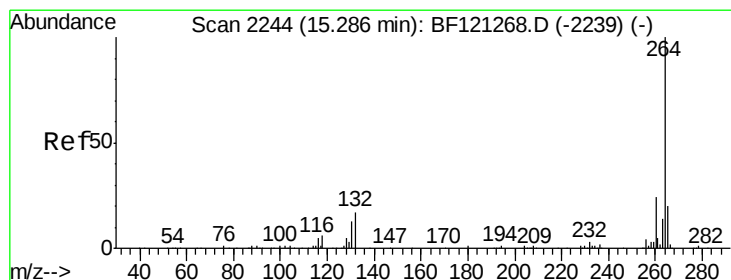
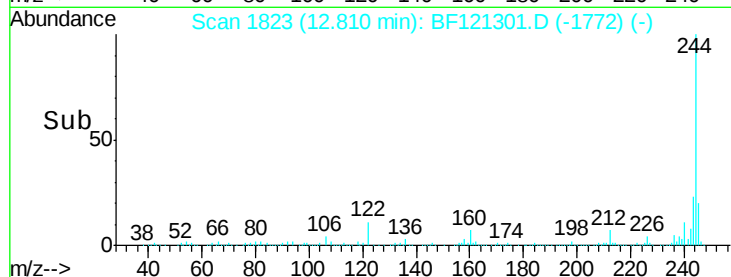
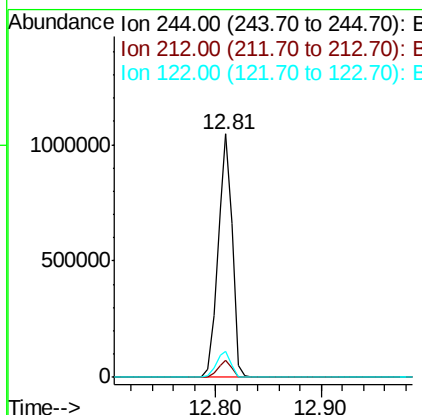
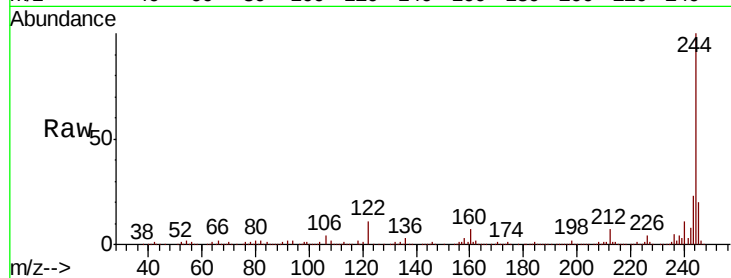




#79
 Terphenyl-d14
 Concen: 63.889 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Instrument :
 BNA_F
 ClientSampled :
 PB131001BL

Tot Ion:244 Resp: 992323
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Tgt Ion:264 Resp: 291947
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 21.2 17.1 25.7

