

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121623.D
 Acq On : 21 Sep 2020 13:10
 Operator : JU/CG
 Sample : PB131730BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131730BL

Quant Time: Sep 21 14:37:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	175331	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	681859	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	358537	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	681455	20.00	ng	0.00
76) Chrysene-d12	13.99	240	627715	20.00	ng	0.00
86) Perylene-d12	15.46	264	591289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1299893	110.18	ng	0.02
7) Phenol-d6	6.46	99	1673692	108.13	ng	0.00
23) Nitrobenzene-d5	7.38	82	1170511	92.17	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	570949	128.13	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2008940	84.86	ng	0.00
79) Terphenyl-d14	12.95	244	2294137	74.04	ng	0.00

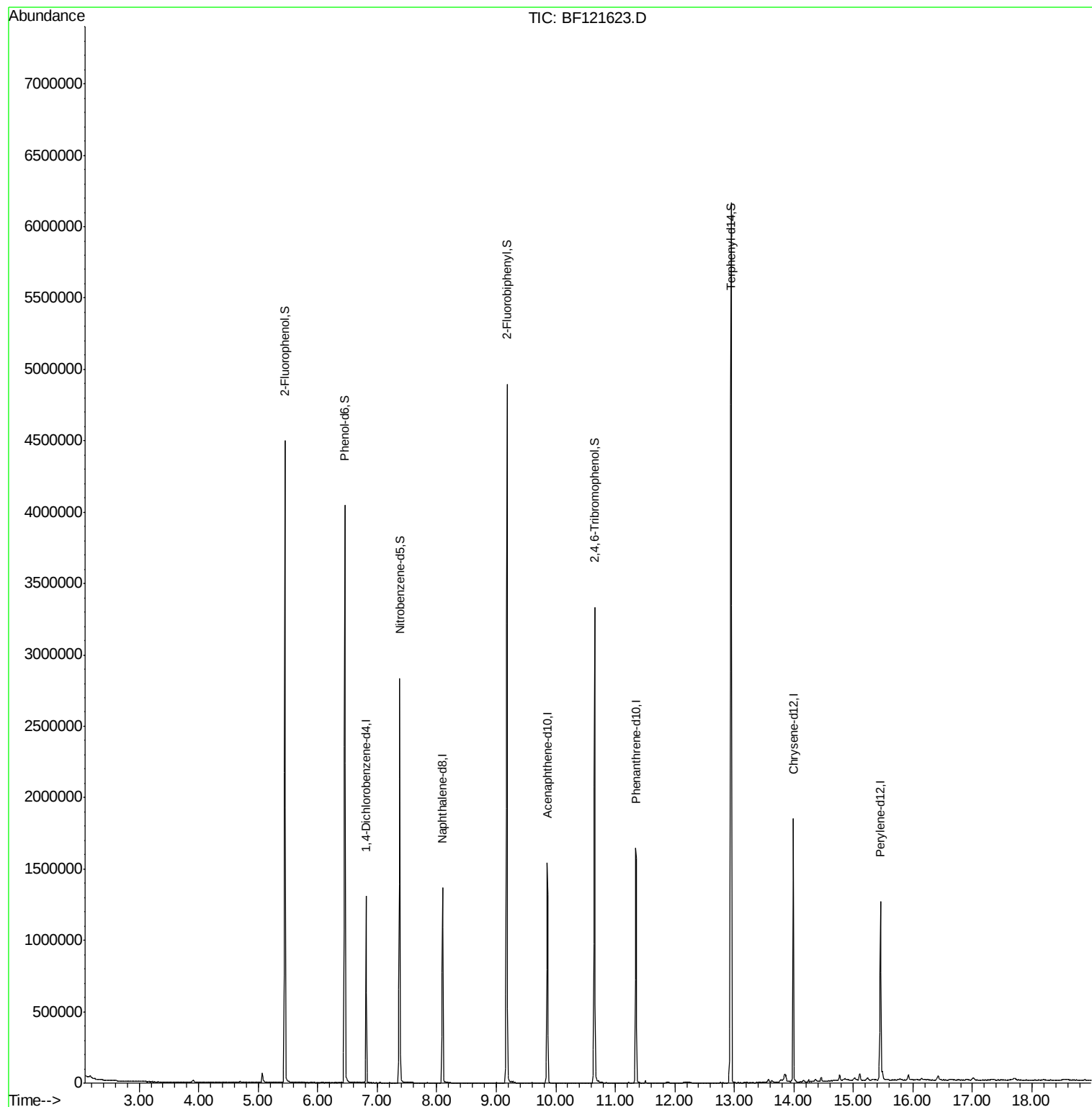
Target Compounds Qvalue

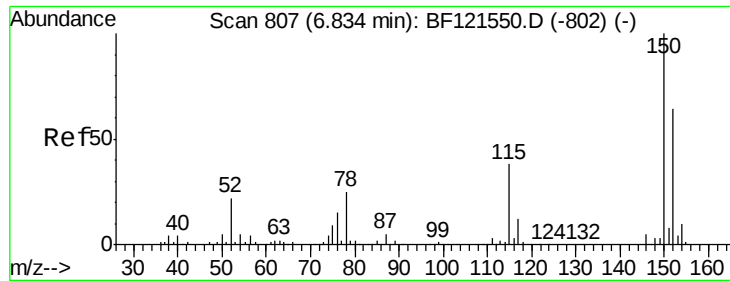
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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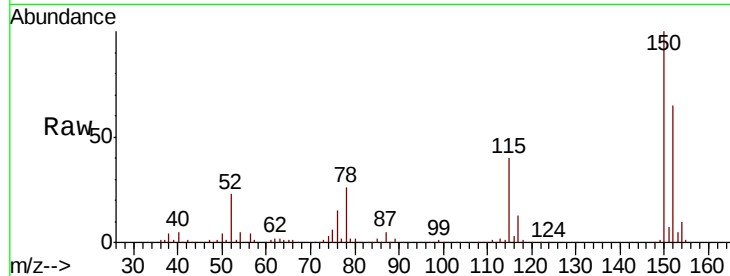


#1

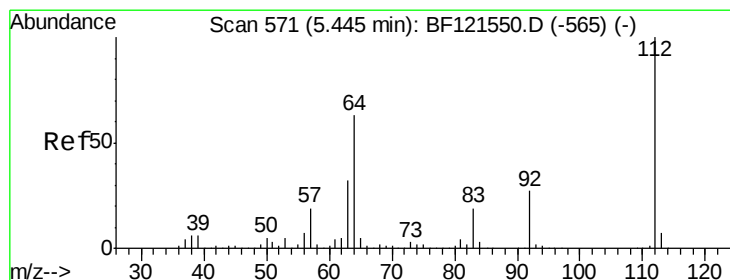
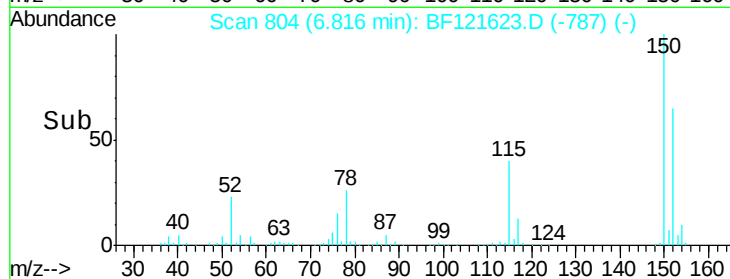
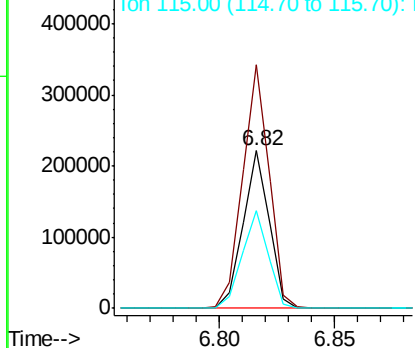
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121623.D
Acq: 21 Sep 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB131730BL

Tot Ion:152 Resp: 175331
Ion Ratio Lower Upper
152 100
150 154.8 128.1 192.1
115 62.0 52.6 79.0



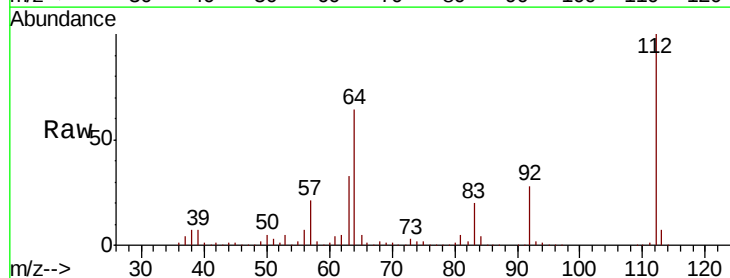
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



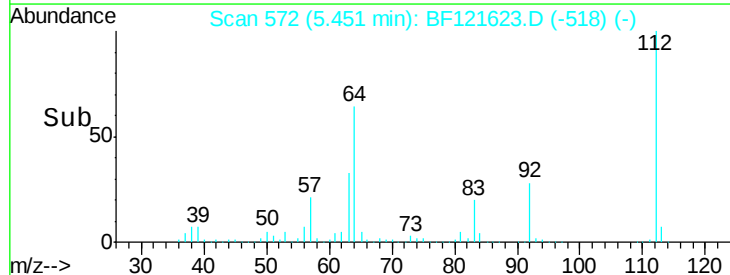
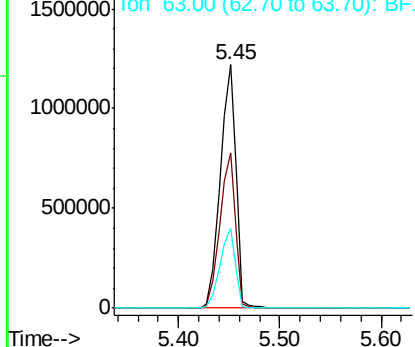
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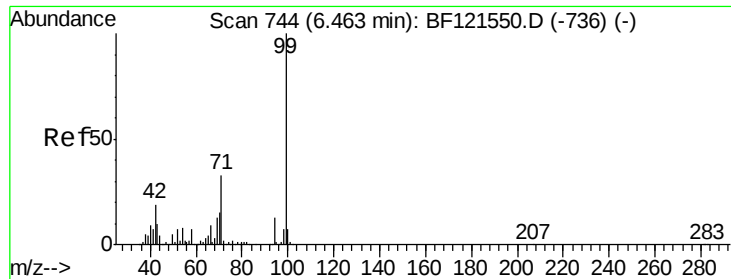
2-Fluorophenol
Concen: 110.180 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF121623.D
Acq: 21 Sep 2020 13:10

Tgt Ion:112 Resp: 1299893
Ion Ratio Lower Upper
112 100
64 63.6 52.2 78.2
63 32.8 26.6 39.8



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: 108.133 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121623.D

Acq: 21 Sep 2020 13:10

Instrument :

BNA_F

ClientSampleId :

PB131730BL

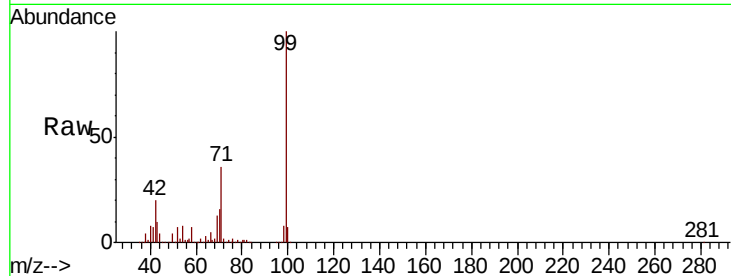
Tot Ion: 99 Resp: 1673692

Ion Ratio Lower Upper

99 100

42 20.3 15.5 23.3

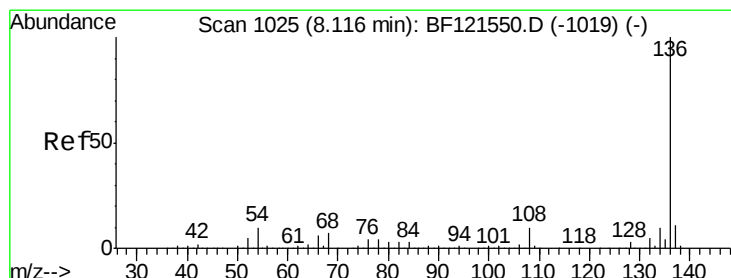
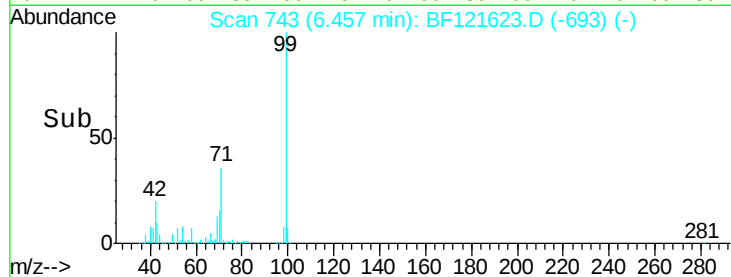
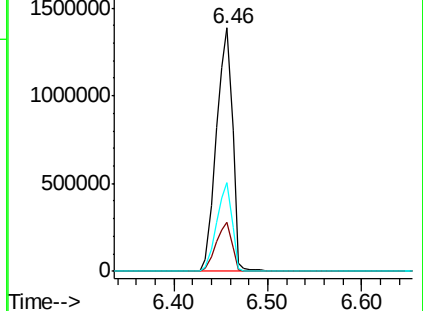
71 36.3 27.4 41.2



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121623.D

Acq: 21 Sep 2020 13:10

Tgt Ion: 136 Resp: 681859

Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.8 7.4 11.0

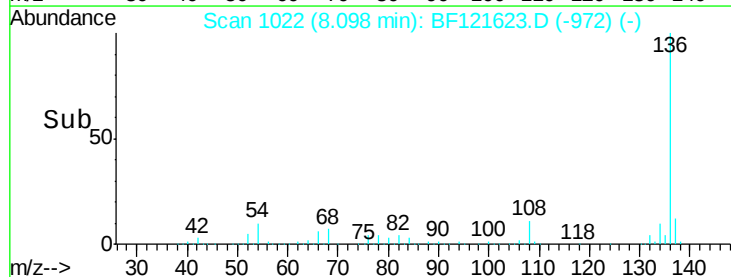
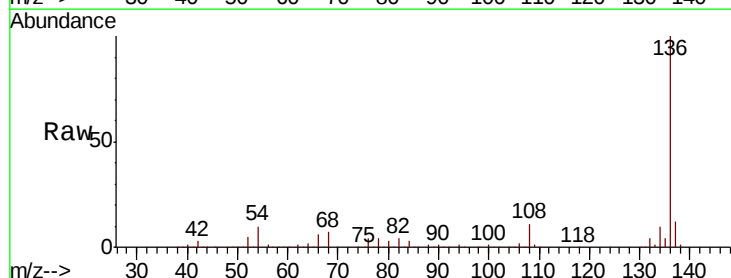
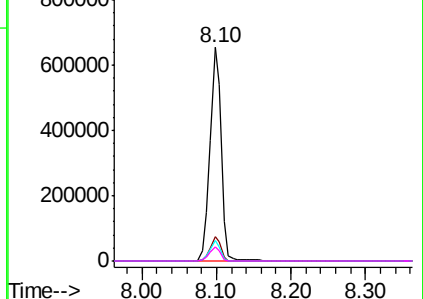
68 6.7 5.3 7.9

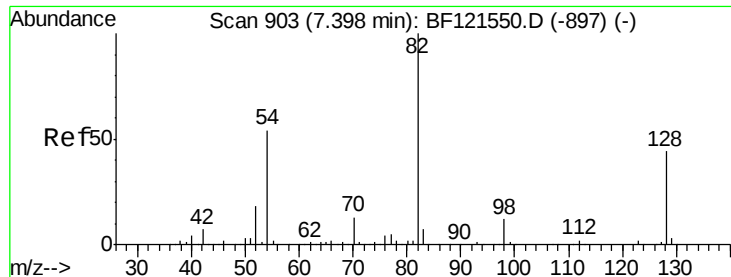
Abundance Ion 136.00 (135.70 to 136.70): E

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

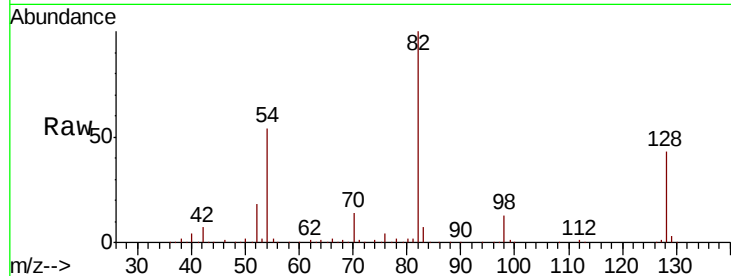




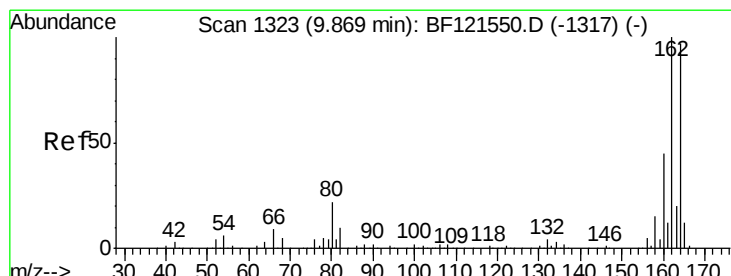
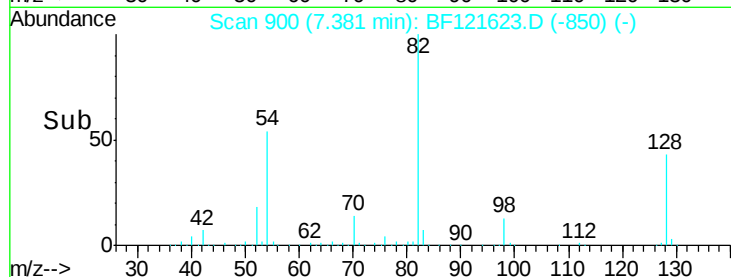
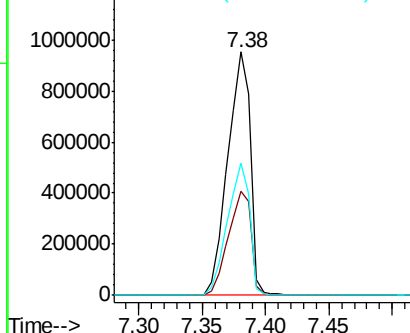
#23
 Nitrobenzene-d5
 Concen: 92.170 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB131730BL

Tot Ion: 82 Resp: 1170511
 Ion Ratio Lower Upper
 82 100
 128 43.0 33.9 50.9
 54 54.2 42.9 64.3

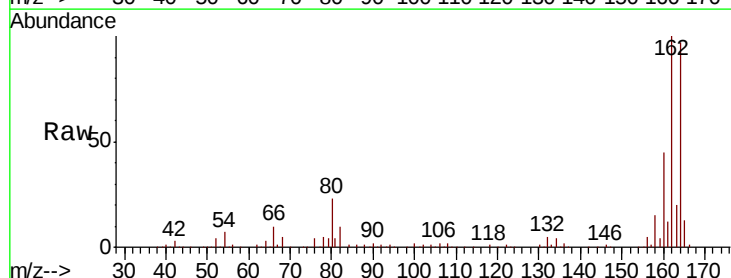


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

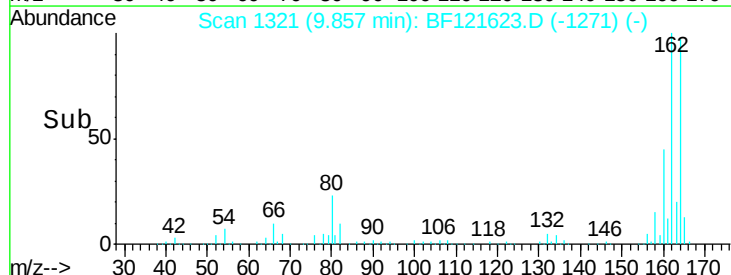
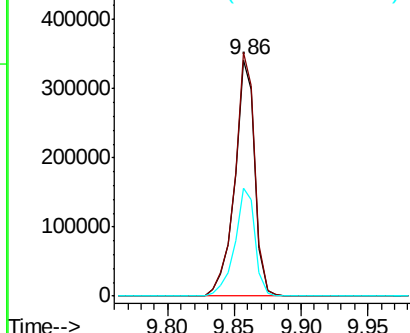


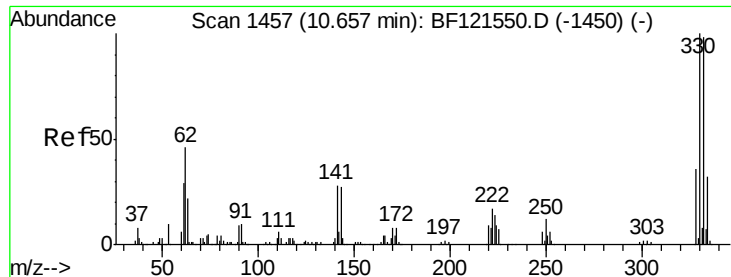
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Tgt Ion: 164 Resp: 358537
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.2 121.8
 160 45.9 36.2 54.4



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

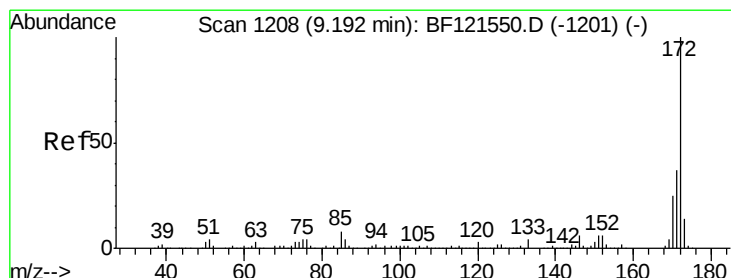
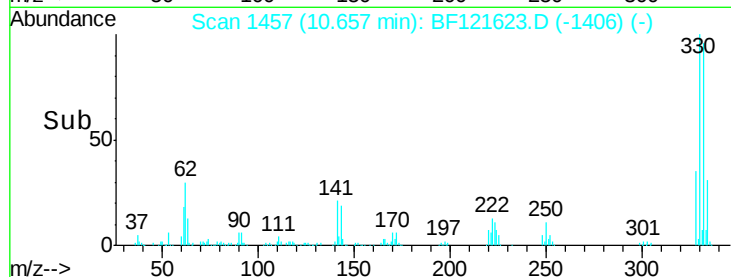
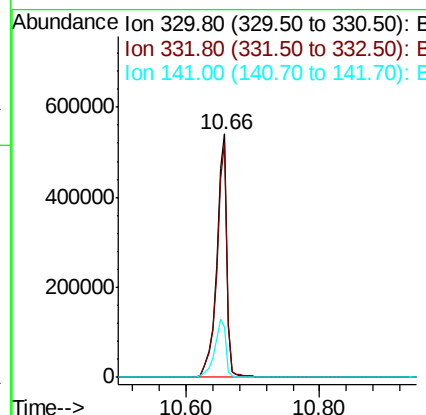
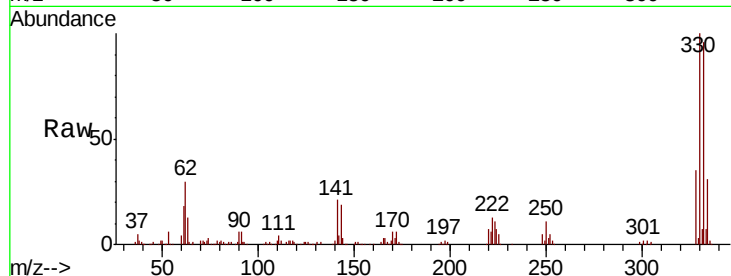




#42
 2,4,6-Tribromophenol
 Concen: 128.127 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

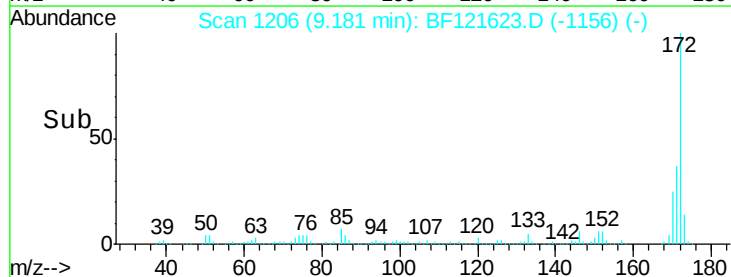
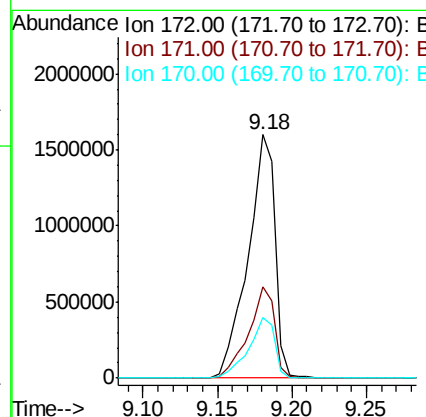
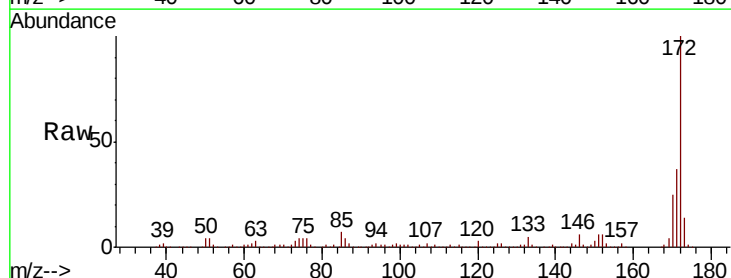
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 BNA_F
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 PB131730BL

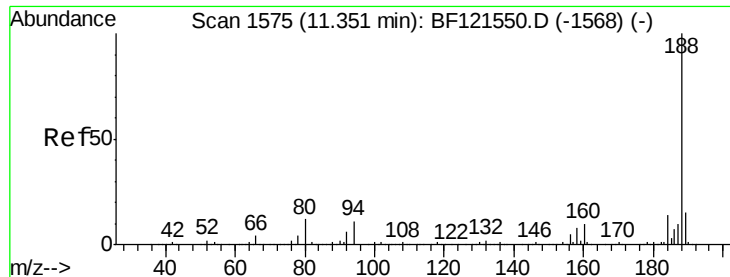
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	26.6	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 84.862 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.3	43.9
170	24.8	19.5	29.3

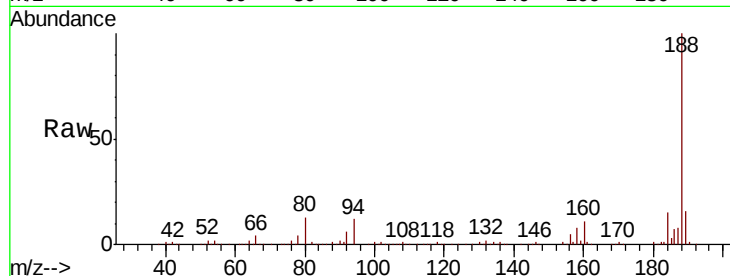




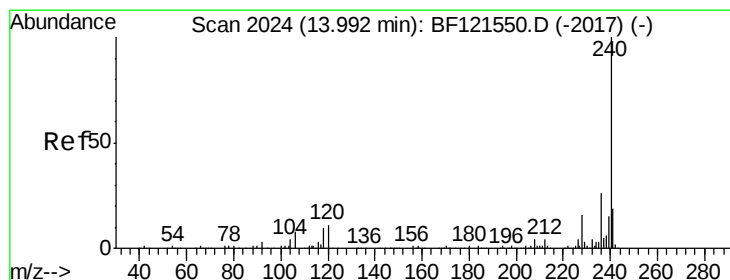
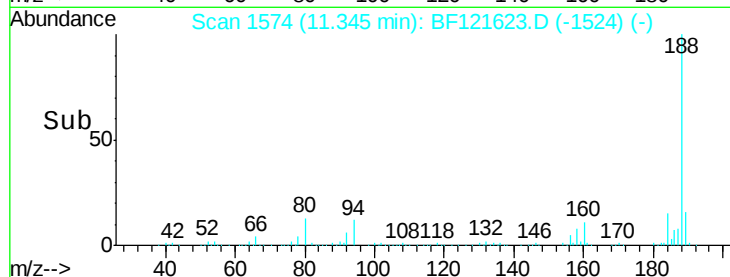
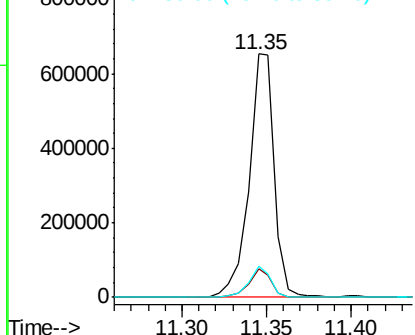
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121623.D
Acq: 21 Sep 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB131730BL

Tot Ion:188 Resp: 681455
Ion Ratio Lower Upper
188 100
94 11.8 8.4 12.6
80 12.7 9.0 13.4

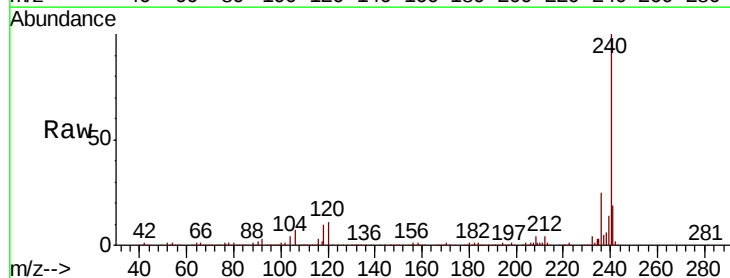


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

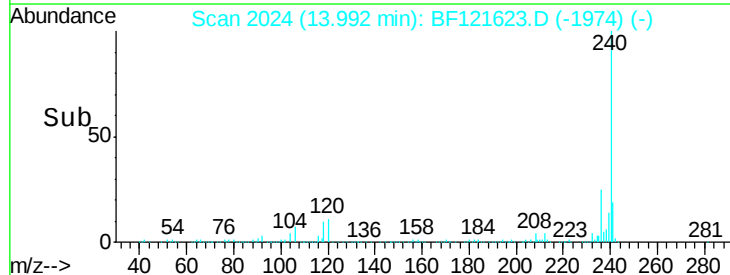
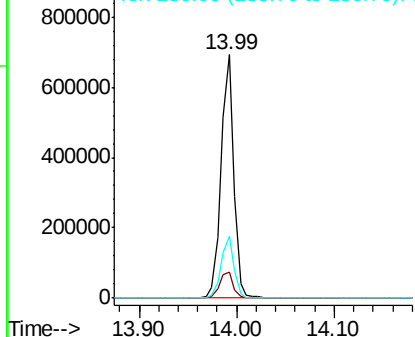


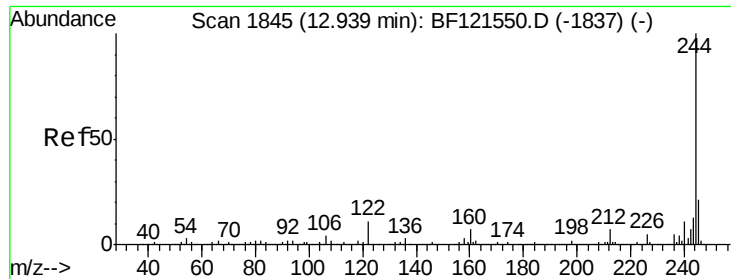
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121623.D
Acq: 21 Sep 2020 13:10

Tgt Ion:240 Resp: 627715
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.3 20.4 30.6



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

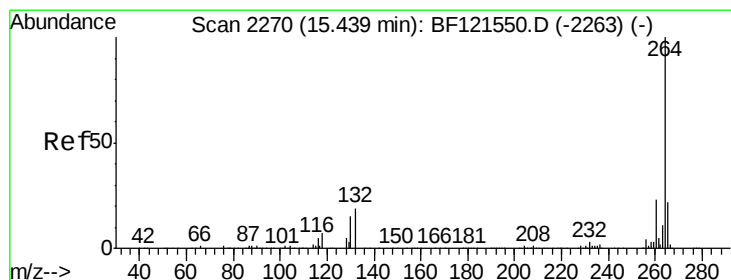
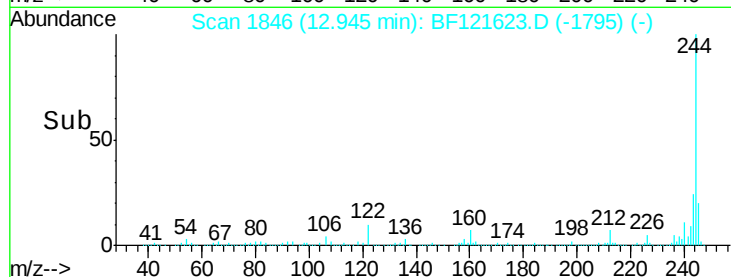
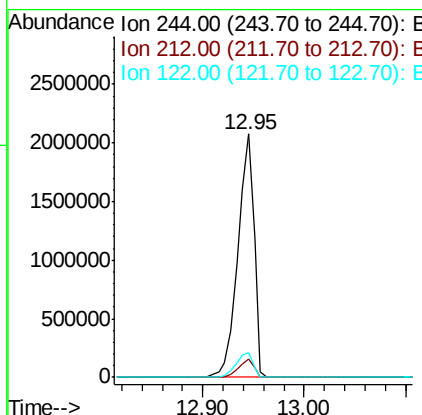
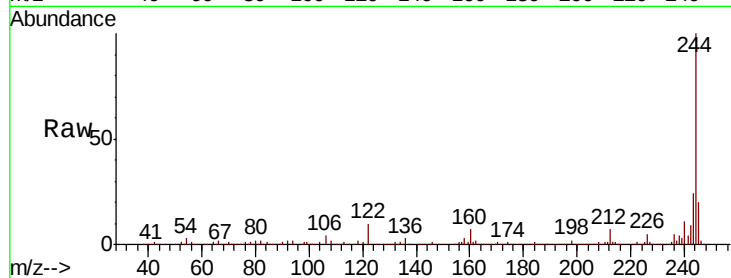




#79
 Terphenyl-d14
 Concen: 74.042 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Instrument :
 BNA_F
 ClientSampleID :
 PB131730BL

Tot Ion:244 Resp: 2294137
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.1 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Tgt Ion:264 Resp: 591289
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.1 17.3 25.9

