

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121456.D
 Acq On : 28 Aug 2020 13:13
 Operator : JU/CG
 Sample : PB131261BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BL

Quant Time: Aug 28 13:59:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	316814	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1236896	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	662276	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1282757	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1087252	20.00	ng	0.00
86) Perylene-d12	15.49	264	1033212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2078841	110.09	ng	0.01
7) Phenol-d6	6.48	99	2721908	103.15	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1733938	95.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	818221	122.32	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3229190	78.67	ng	0.00
79) Terphenyl-d14	12.97	244	3394331	65.72	ng	0.00

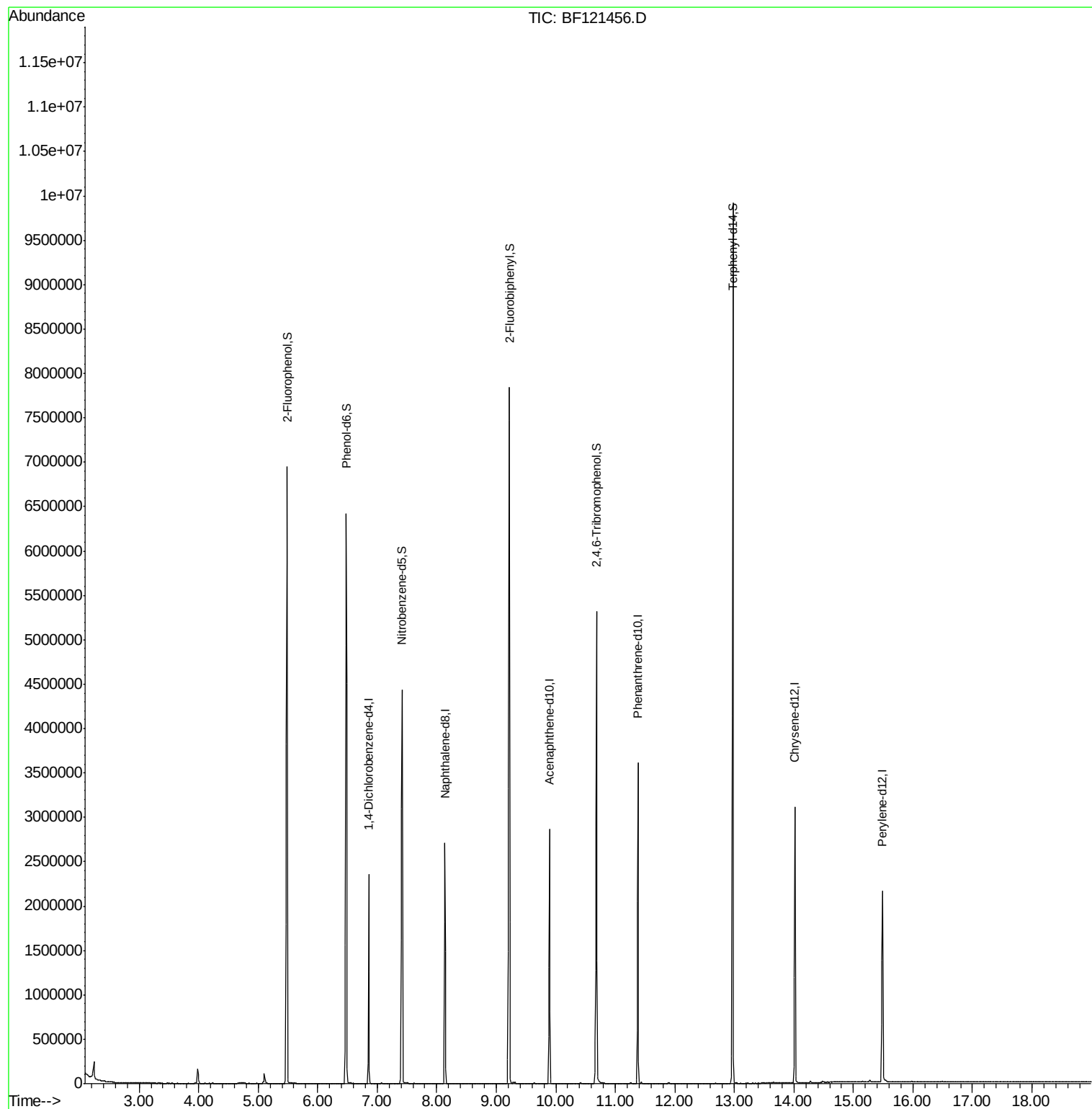
Target Compounds Qvalue

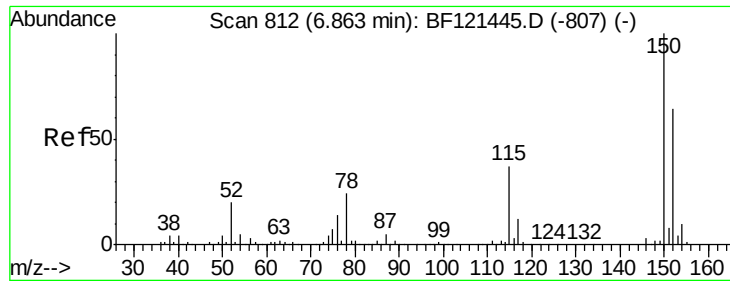
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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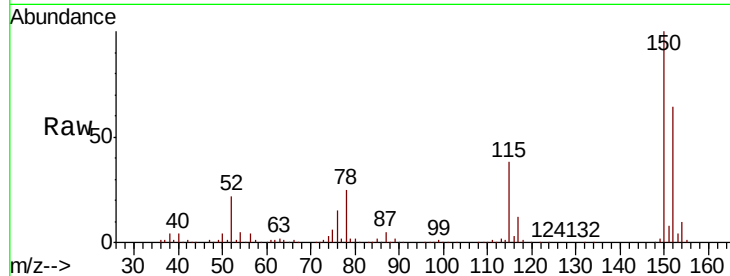


#1

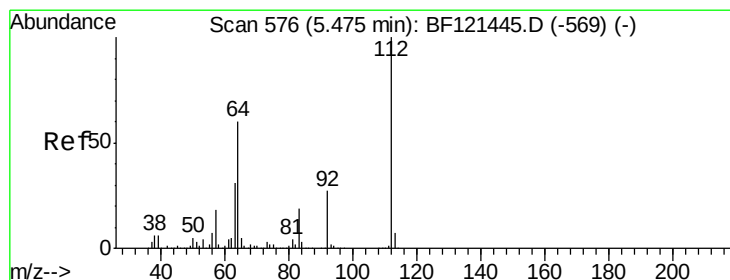
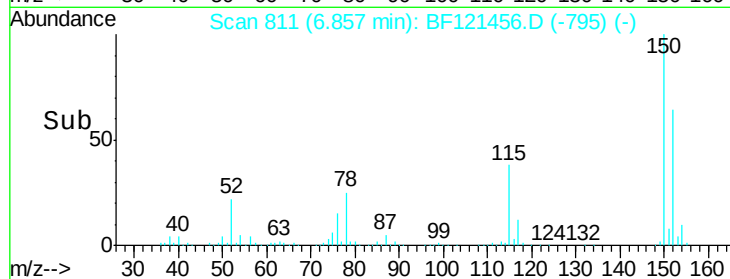
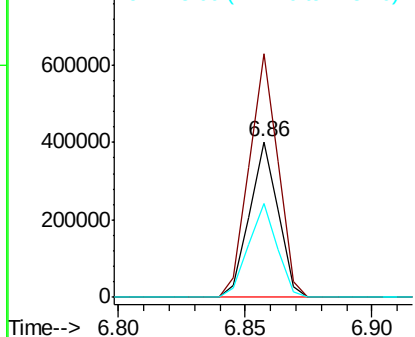
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121456.D
Acq: 28 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131261BL

Tot Ion:152 Resp: 316814
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 60.0 46.6 69.8



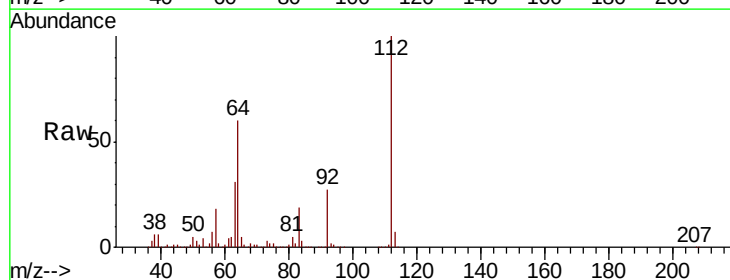
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



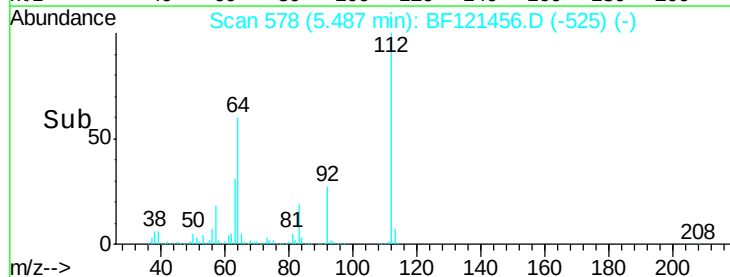
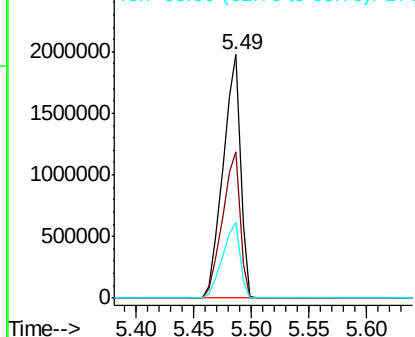
#5

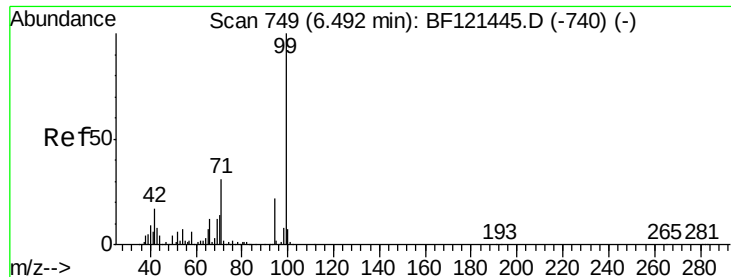
2-Fluorophenol
Concen: 110.089 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF121456.D
Acq: 28 Aug 2020 13:13

Tgt Ion:112 Resp: 2078841
Ion Ratio Lower Upper
112 100
64 59.9 48.2 72.2
63 31.1 24.8 37.2



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: 103.146 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131261BL

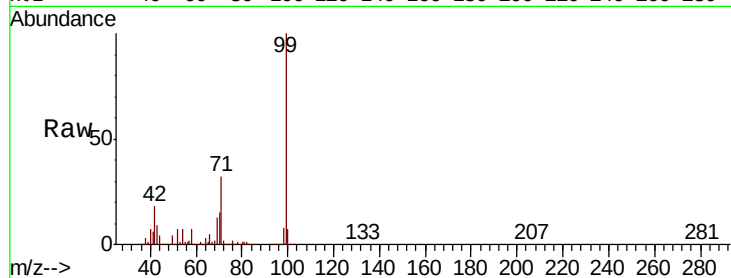
Tot Ion: 99 Resp: 2721908

Ion Ratio Lower Upper

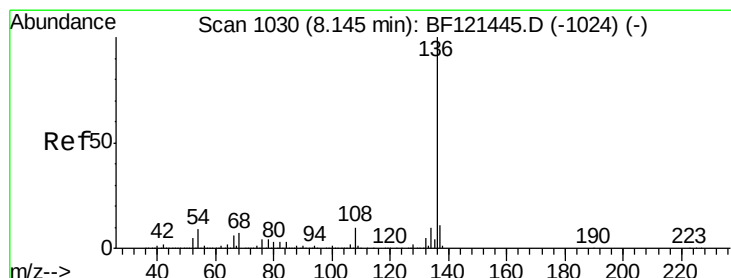
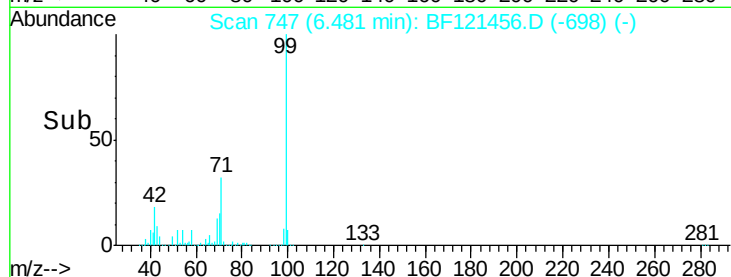
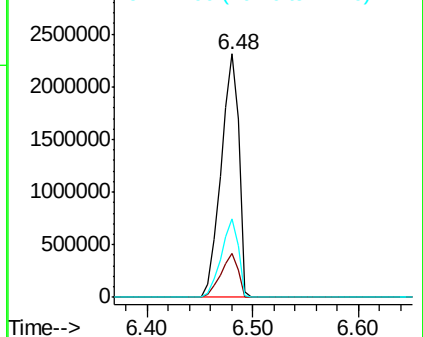
99 100

42 17.9 13.5 20.3

71 32.5 24.6 37.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

Tgt Ion: 136 Resp: 1236896

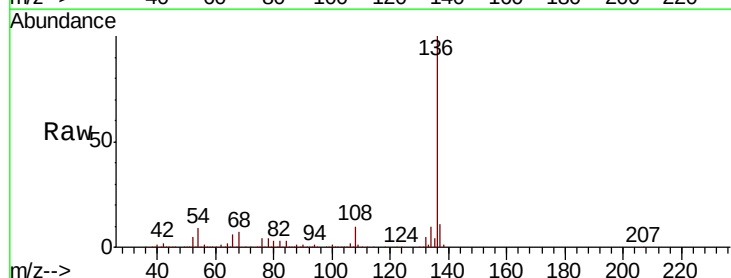
Ion Ratio Lower Upper

136 100

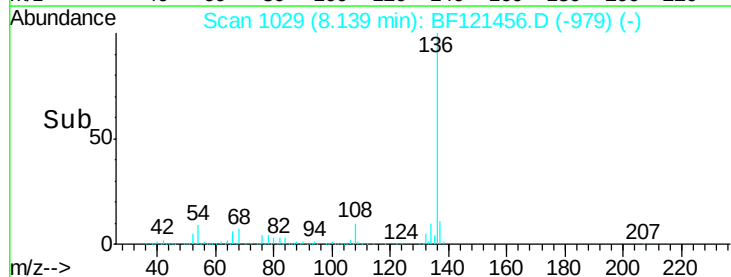
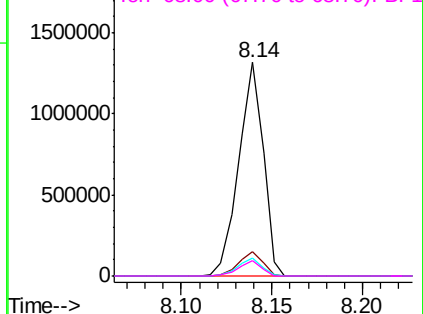
137 11.3 9.1 13.7

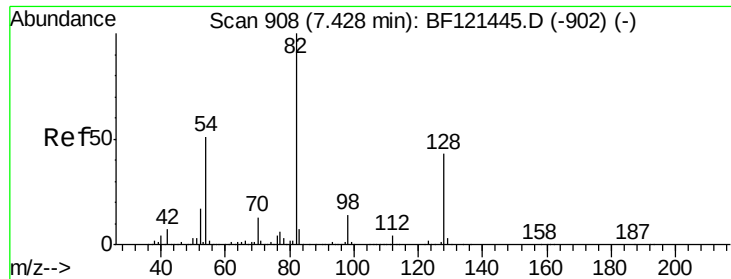
54 8.5 7.0 10.4

68 6.9 5.5 8.3



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

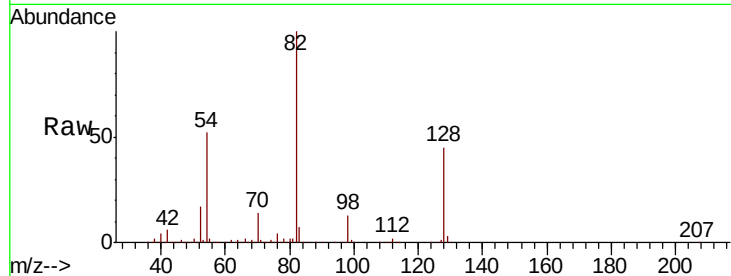




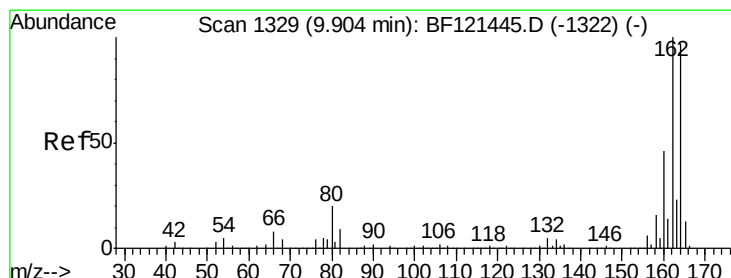
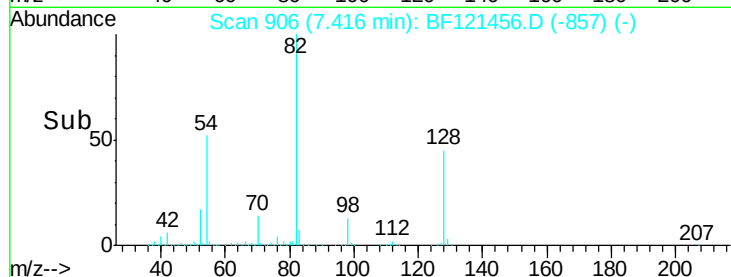
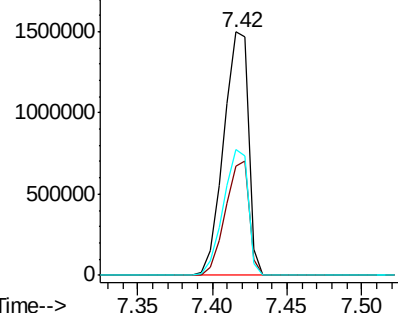
#23
 Nitrobenzene-d5
 Concen: 95.838 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF121456.D
 Acq: 28 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BL

Tot Ion: 82 Resp: 1733938
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.1 51.1
 54 52.0 41.0 61.6

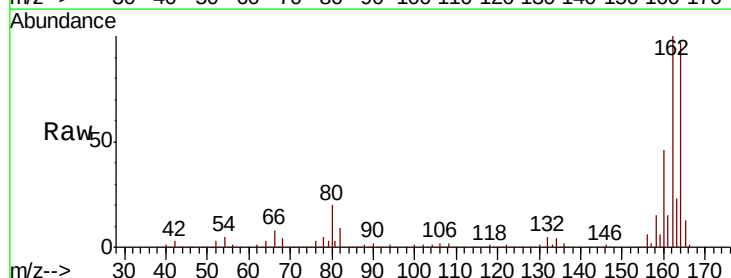


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

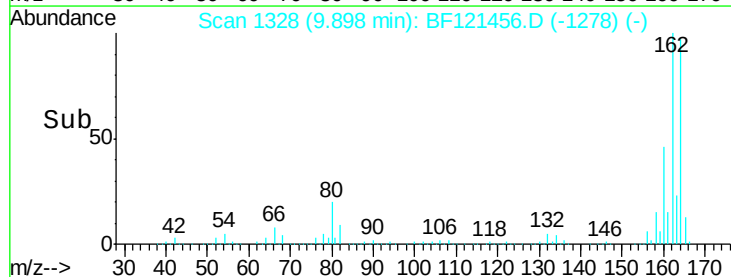
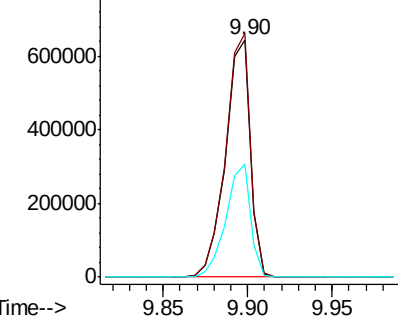


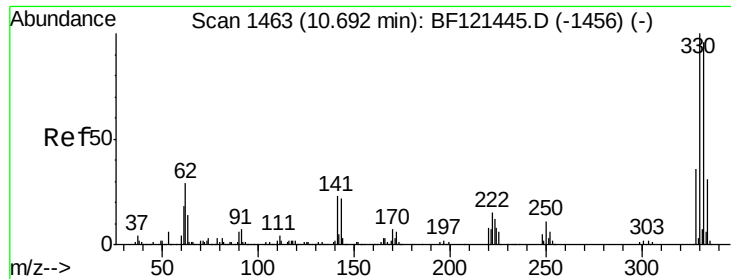
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF121456.D
 Acq: 28 Aug 2020 13:13

Tgt Ion:164 Resp: 662276
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.4 123.6
 160 47.6 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
 800000 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 122.317 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131261BL

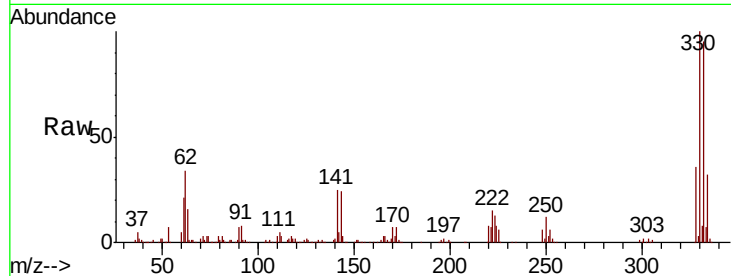
Tot Ion:330 Resp: 818221

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.2

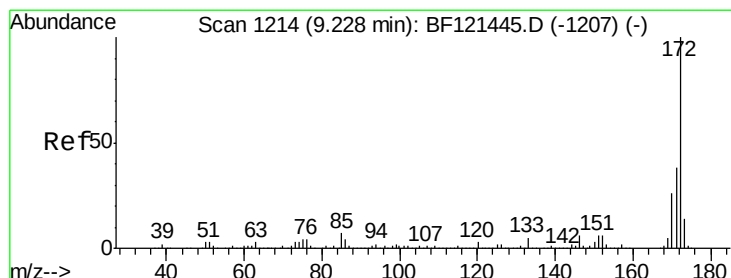
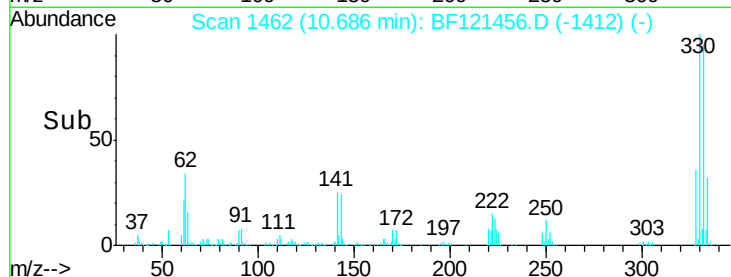
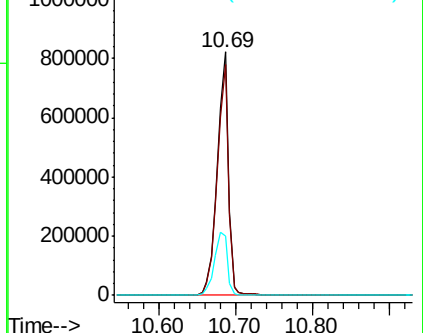
141 30.1 24.6 36.8



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: 78.674 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

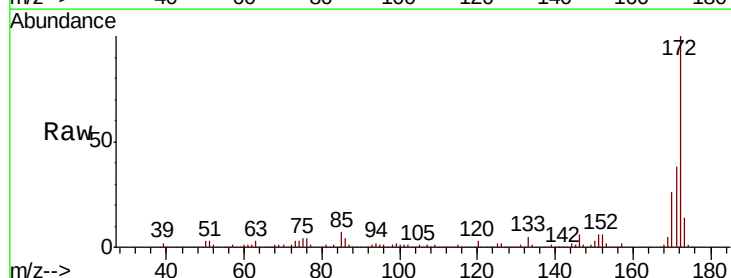
Tgt Ion:172 Resp: 3229190

Ion Ratio Lower Upper

172 100

171 37.6 30.6 45.8

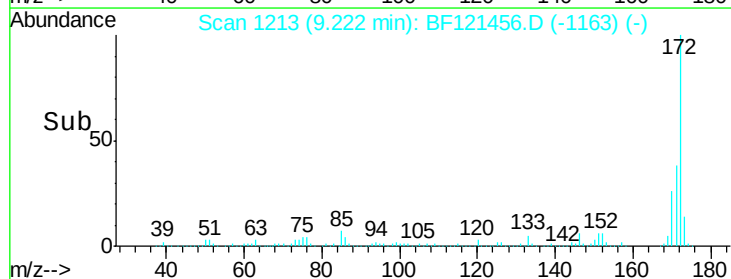
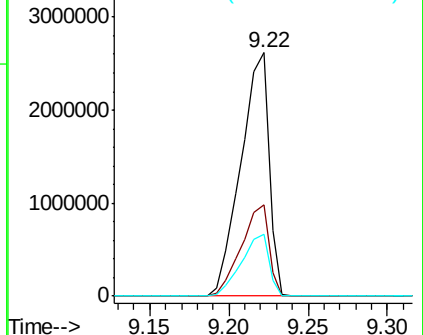
170 25.7 20.6 31.0

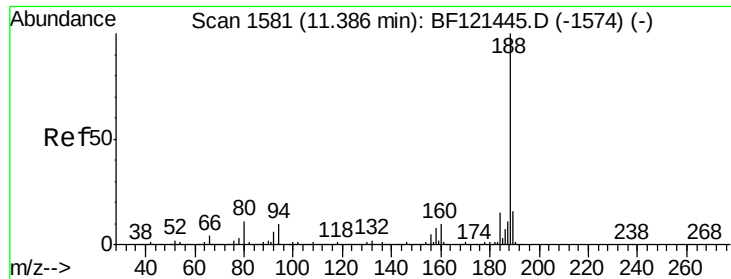


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131261BL

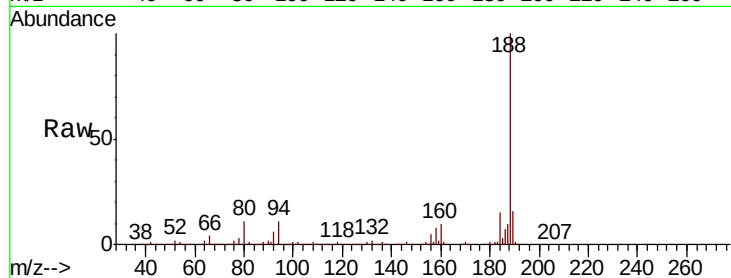
Tot Ion:188 Resp: 1282757

Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

80 11.0 8.6 13.0



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

2000000

1500000

1000000

500000

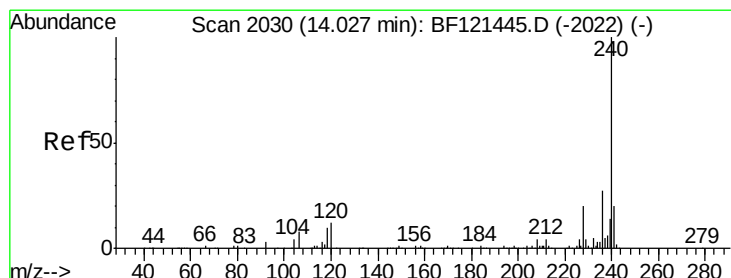
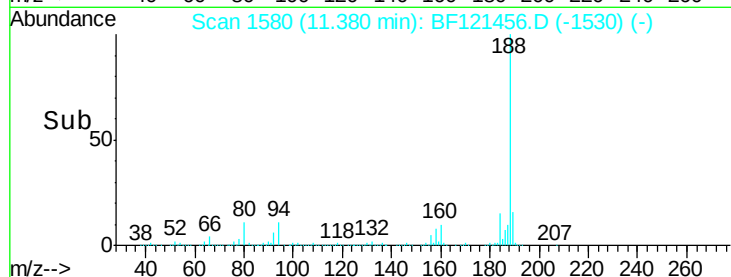
0

11.38

11.35

11.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

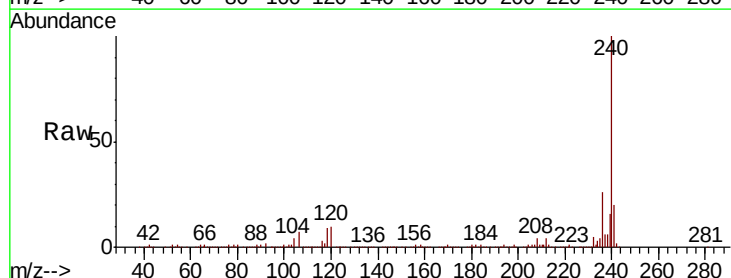
Tgt Ion:240 Resp: 1087252

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

236 26.5 21.8 32.6



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

1500000

1000000

500000

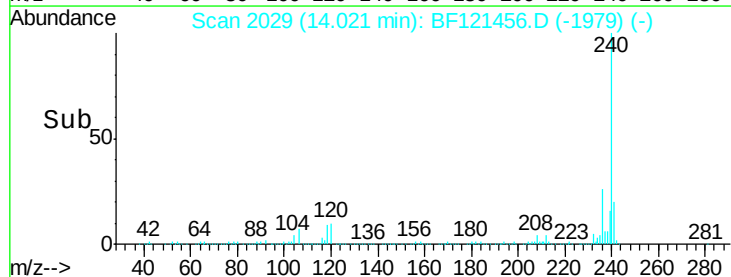
0

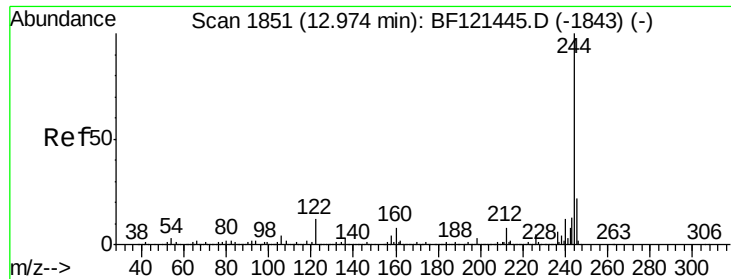
14.02

14.00

14.10

Time-->





#79

Terphenyl-d14

Concen: 65.715 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

Instrument :

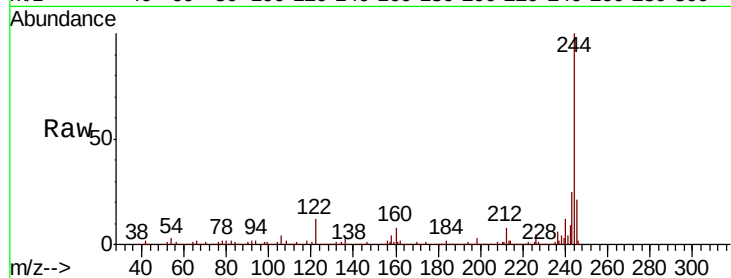
BNA_F

ClientSampleId :

PB131261BL

Tot Ion:244 Resp: 3394331

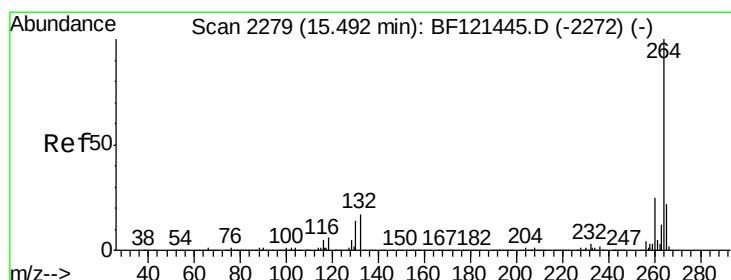
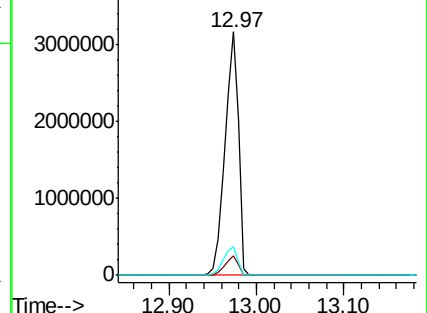
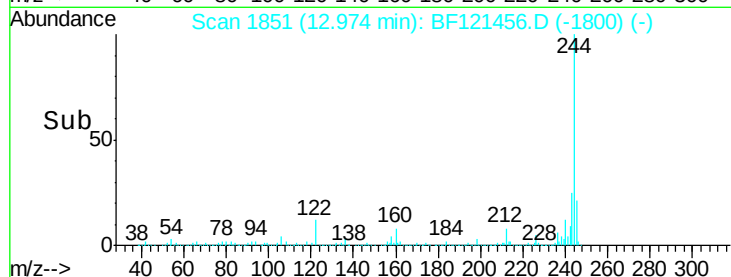
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	11.9	9.5	14.3



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: 15.49 min Scan# 2279

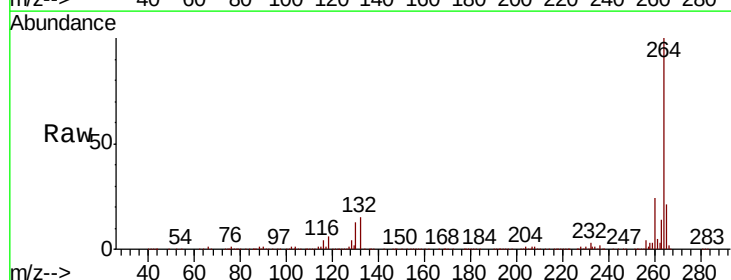
Delta R.T. -0.00 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

Tgt Ion:264 Resp: 1033212

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.4	17.8	26.6



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

