

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116766.D
 Acq On : 3 Sep 2019 12:24
 Operator : HP/JU
 Sample : PB122720BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122720BL

Quant Time: Sep 03 14:41:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	159350	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	623402	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	320443	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	525849	20.00	ng	0.00
76) Chrysene-d12	13.99	240	358679	20.00	ng	0.00
87) Perylene-d12	15.44	264	309287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1225048	124.55	ng	0.02
7) Phenol-d6	6.48	99	1652349	127.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	1026196	93.97	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	321260	149.97	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1711137	90.08	ng	0.00
79) Terphenyl-d14	12.95	244	1647549	84.97	ng	0.00

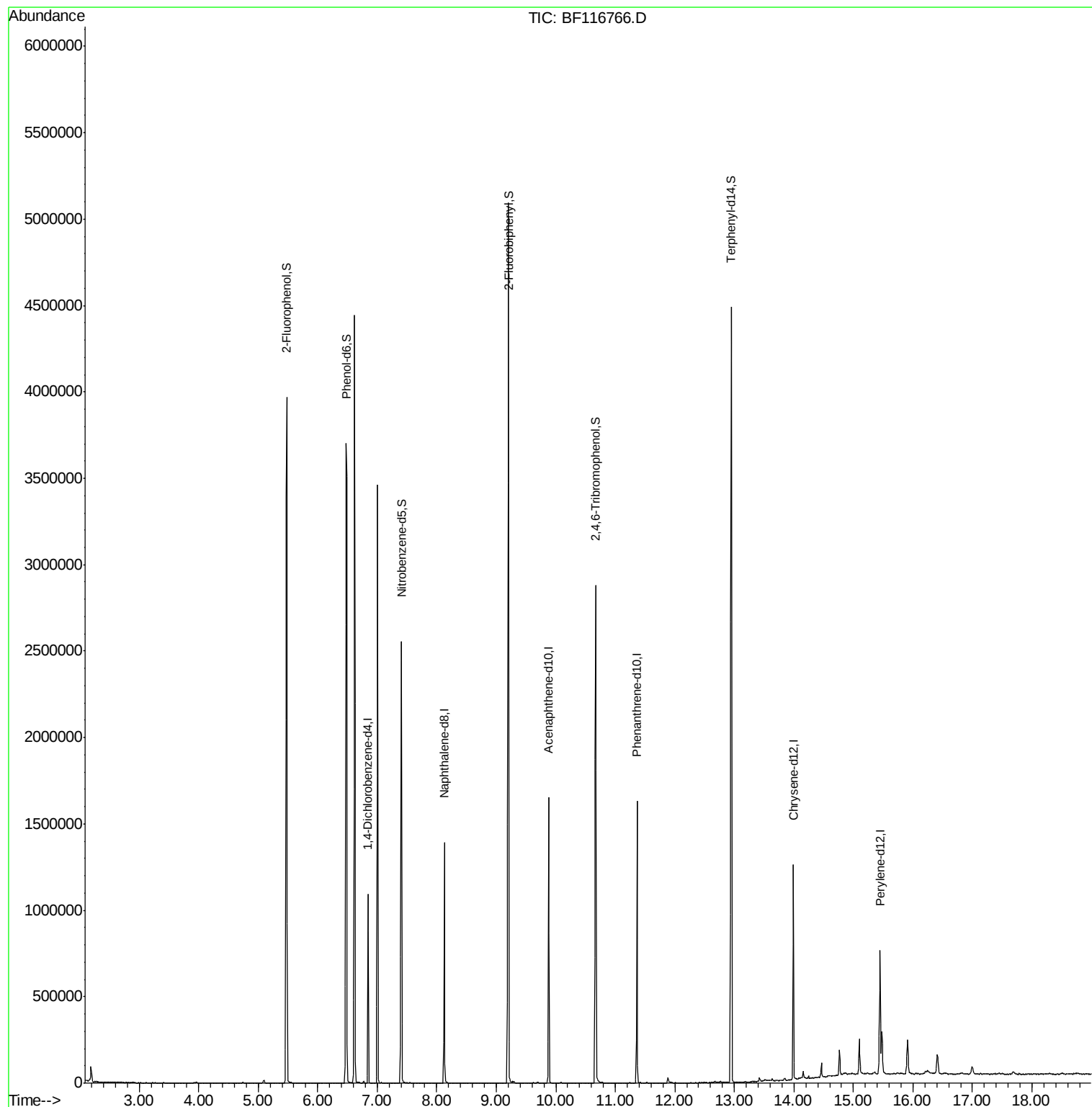
Target Compounds Qvalue

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

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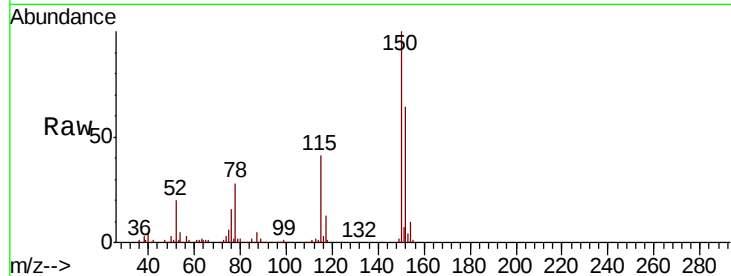


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116766.D
Acq: 3 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :
PB122720BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.4	186.6
115	64.9	49.9	74.9

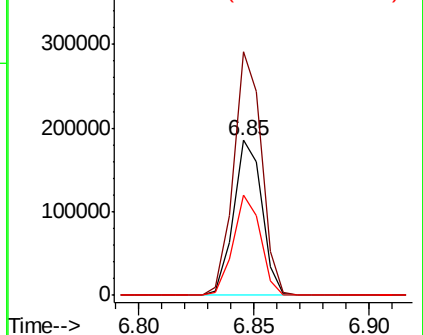
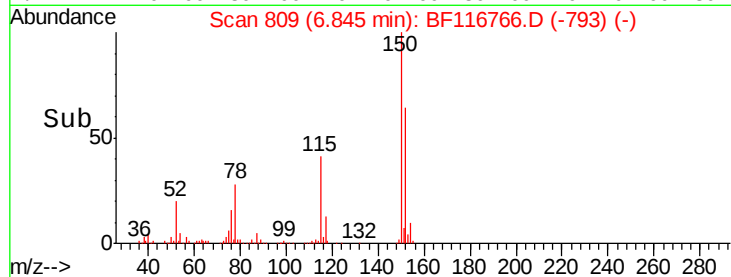


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

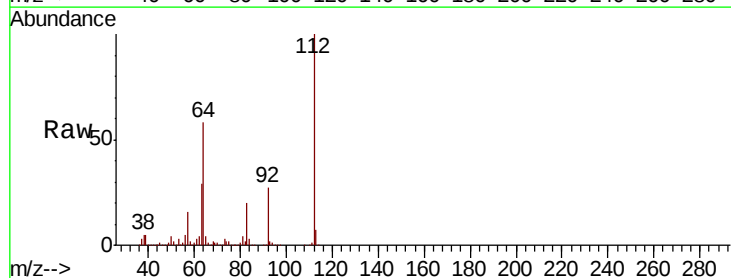
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.546 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF116766.D
Acq: 3 Sep 2019 12:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.1	70.7
63	29.1	24.9	37.3

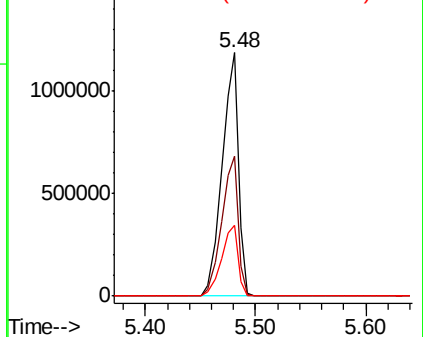
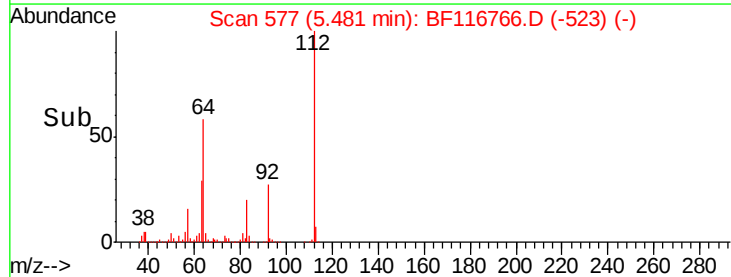


Abundance

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: 127.932 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116766.D

Acq: 3 Sep 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB122720BL

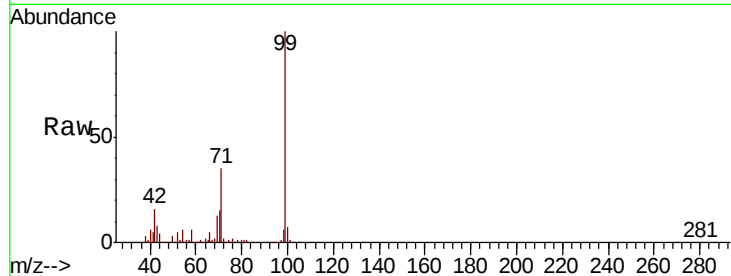
Tot Ion: 99 Resp: 1652349

Ion Ratio Lower Upper

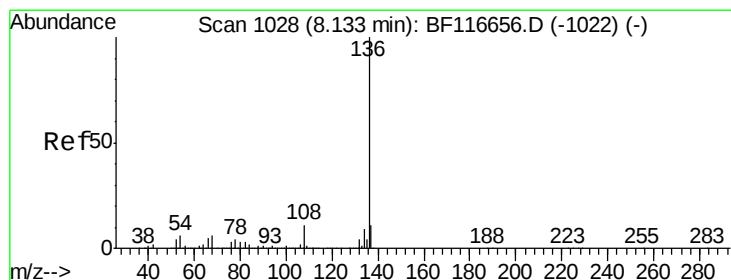
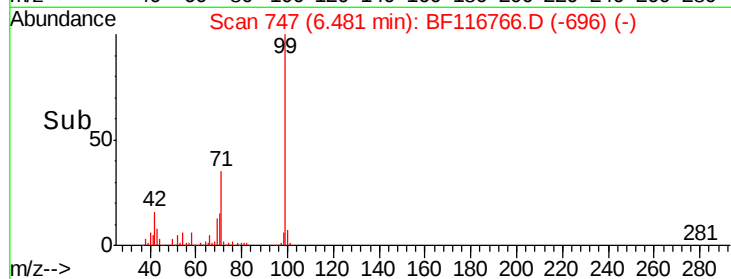
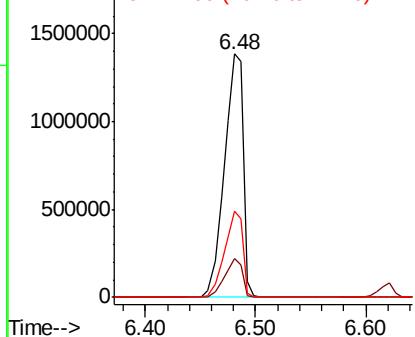
99 100

42 15.7 13.7 20.5

71 35.4 30.8 46.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116766.D

Acq: 3 Sep 2019 12:24

Tgt Ion: 136 Resp: 623402

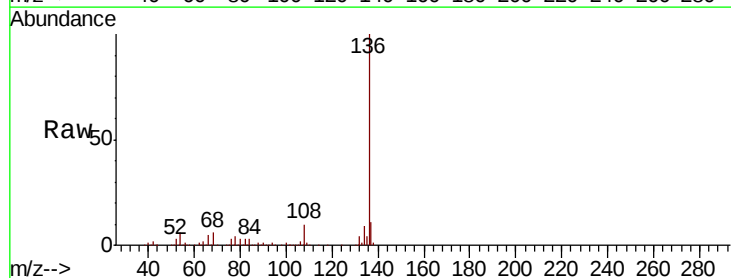
Ion Ratio Lower Upper

136 100

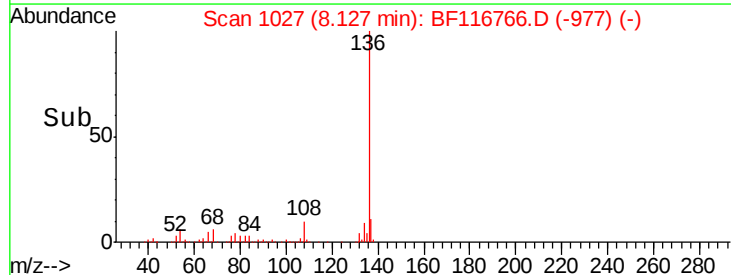
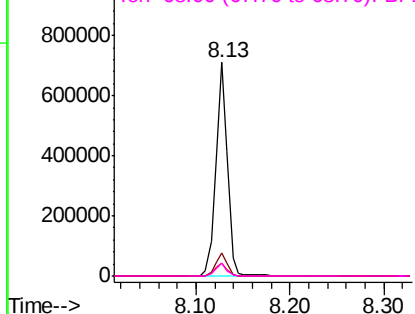
137 11.0 8.9 13.3

54 6.3 4.8 7.2

68 5.7 4.0 6.0



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



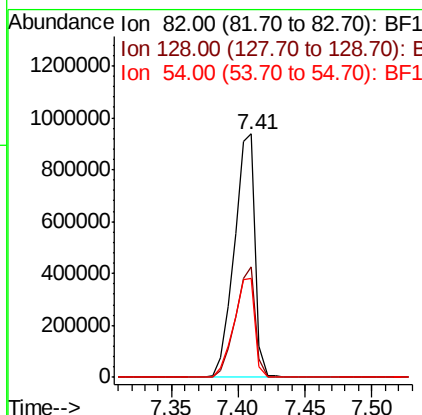
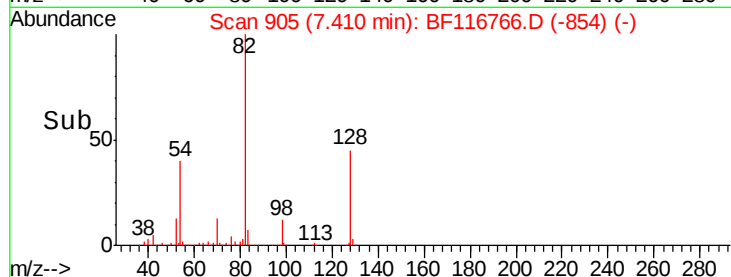
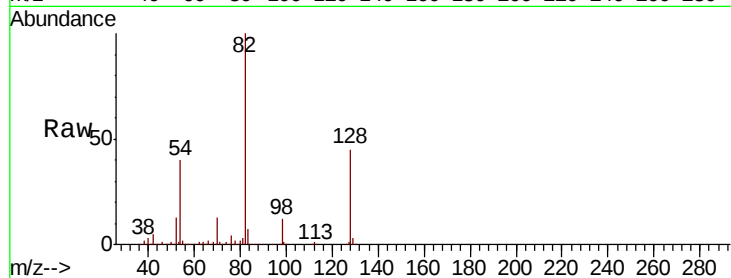


#23
 Nitrobenzene-d5
 Concen: 93.973 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122720BL

Tot Ion: 82 Resp: 1026196

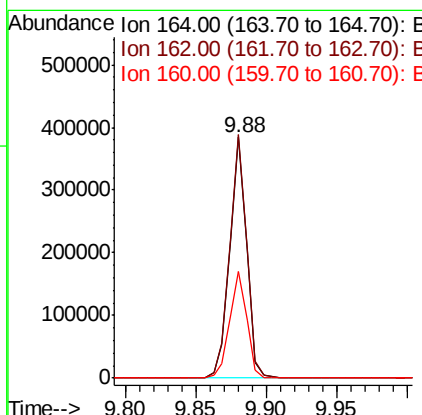
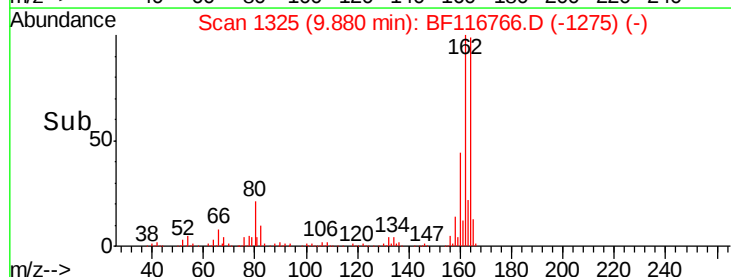
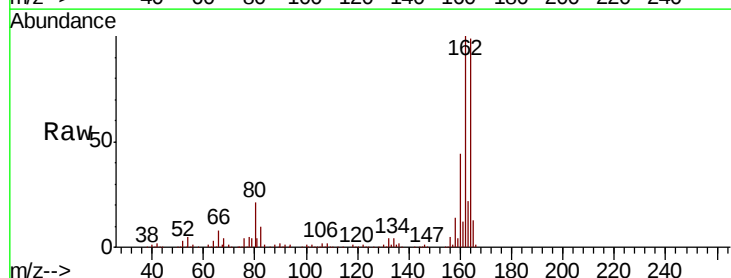
Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.8	49.2
54	40.5	36.9	55.3

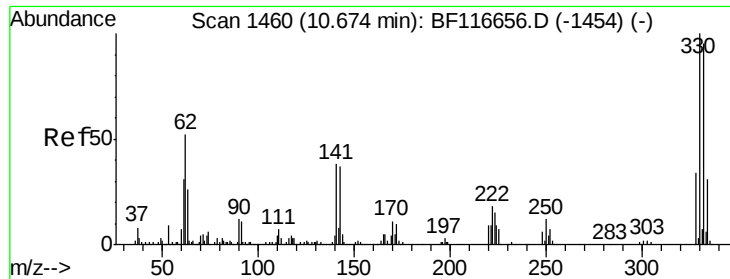


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Tgt Ion: 164 Resp: 320443

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.0
160	44.5	35.4	53.2

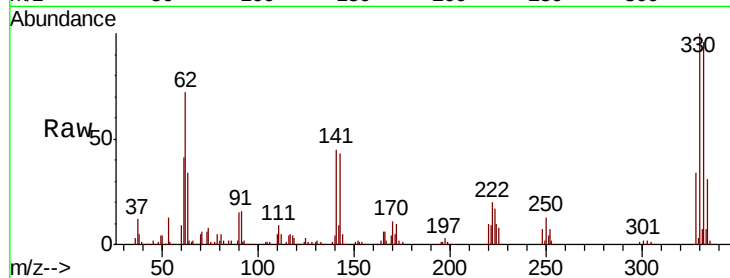




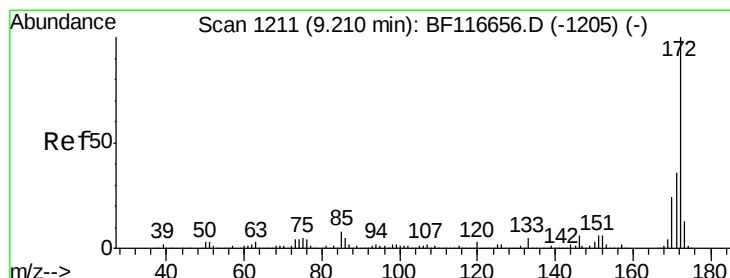
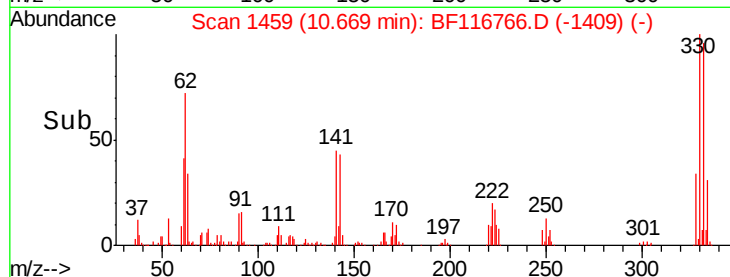
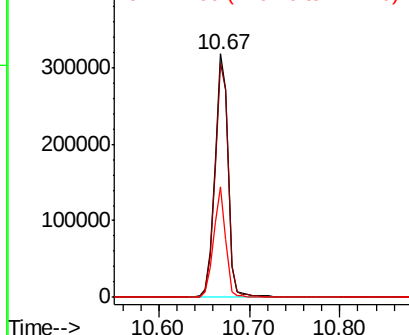
#42
 2,4,6-Tribromophenol
 Concen: 149.965 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122720BL

Tot Ion:330 Resp: 321260
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.9 115.3
 141 42.0 31.4 47.2

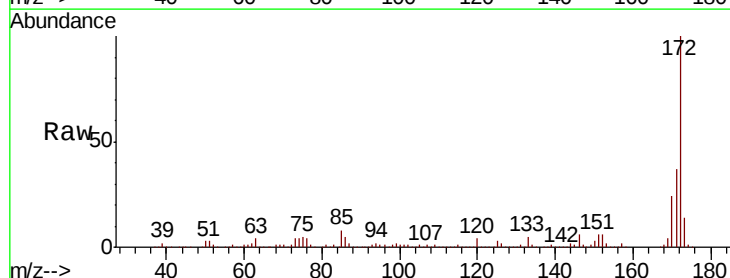


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

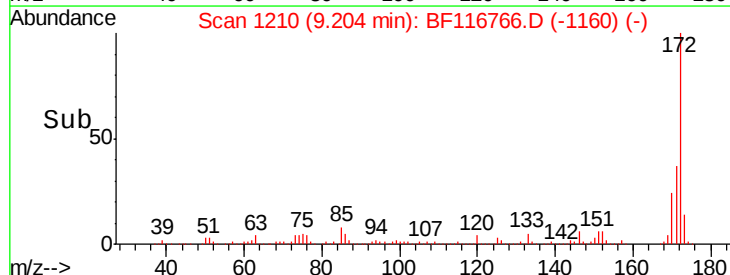
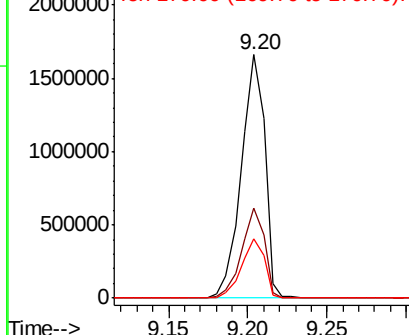


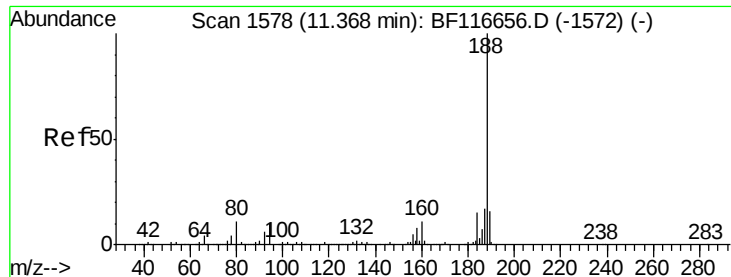
#45
 2-Fluorobiphenyl
 Concen: 90.079 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Tgt Ion:172 Resp: 1711137
 Ion Ratio Lower Upper
 172 100
 171 37.0 27.8 41.6
 170 24.2 18.9 28.3



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116766.D

Acq: 3 Sep 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB122720BL

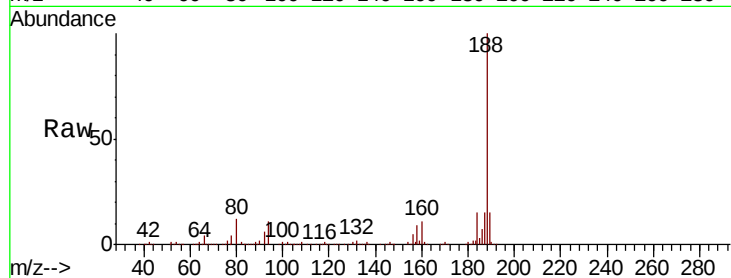
Tot Ion:188 Resp: 525849

Ion Ratio Lower Upper

188 100

94 10.8 7.3 10.9

80 11.6 8.4 12.6



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

11.36

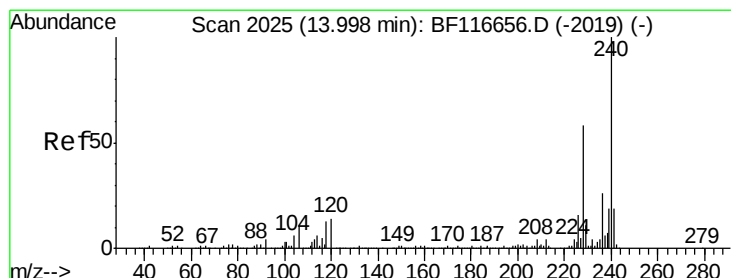
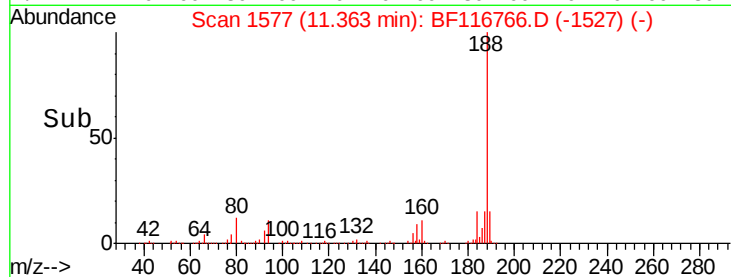
600000

400000

200000

0

Time--> 11.30 11.35 11.40



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116766.D

Acq: 3 Sep 2019 12:24

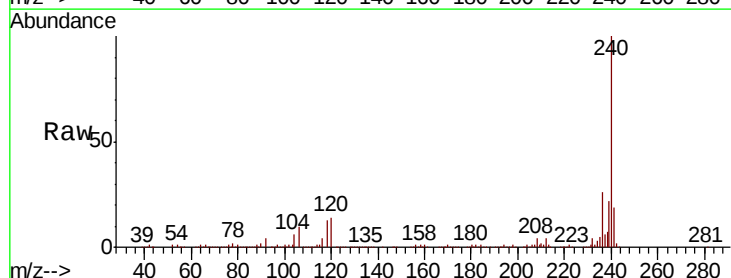
Tgt Ion:240 Resp: 358679

Ion Ratio Lower Upper

240 100

120 13.7 9.1 13.7#

236 26.3 21.1 31.7



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

13.99

500000

400000

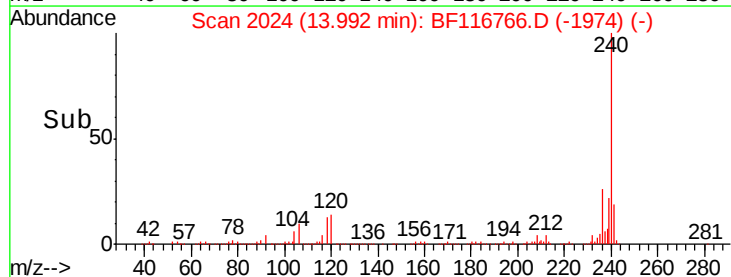
300000

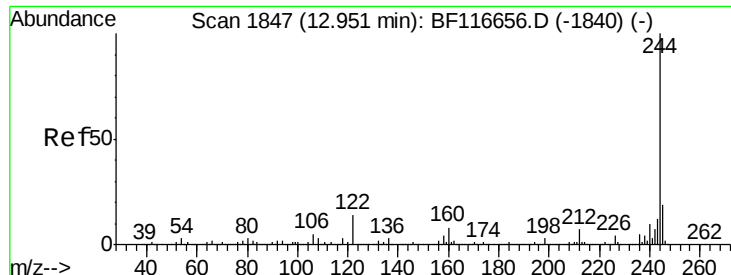
200000

100000

0

Time--> 13.90 14.00 14.10

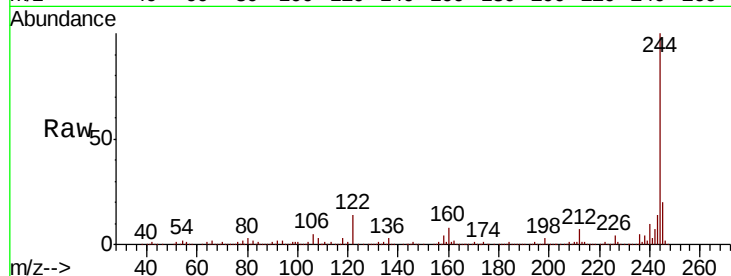




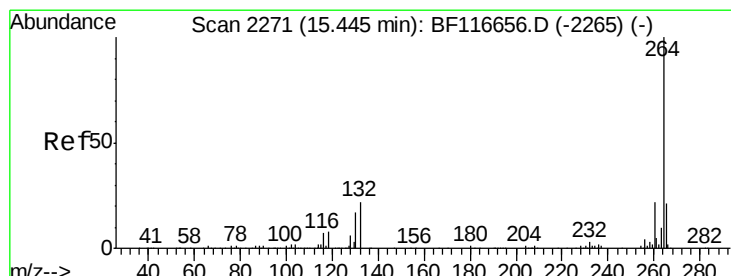
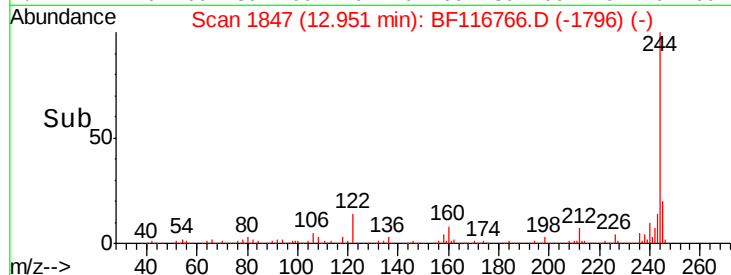
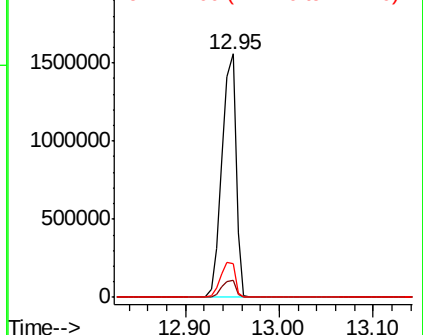
#79
 Terphenyl-d14
 Concen: 84.975 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122720BL

Tot Ion:244 Resp: 1647549
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.9 10.2 15.4

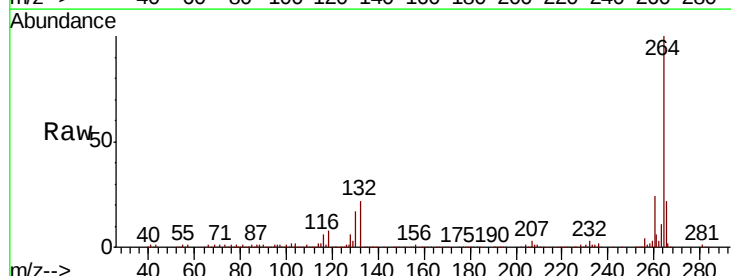


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Tgt Ion:264 Resp: 309287
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 22.3 16.5 24.7



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

