

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115704.D
 Acq On : 22 Jul 2019 12:52
 Operator : HP/JU
 Sample : PB121540BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121540BL

Quant Time: Jul 23 01:50:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	182675	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	703348	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	379690	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	684752	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	500586	20.00	ng	-0.01
87) Perylene-d12	15.52	264	456686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1350810	120.95	ng	0.01
7) Phenol-d6	6.51	99	1786791	126.09	ng	0.00
23) Nitrobenzene-d5	7.44	82	1148485	94.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	518130	116.91	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2043951	94.22	ng	-0.01
79) Terphenyl-d14	12.99	244	2277635	83.95	ng	0.00

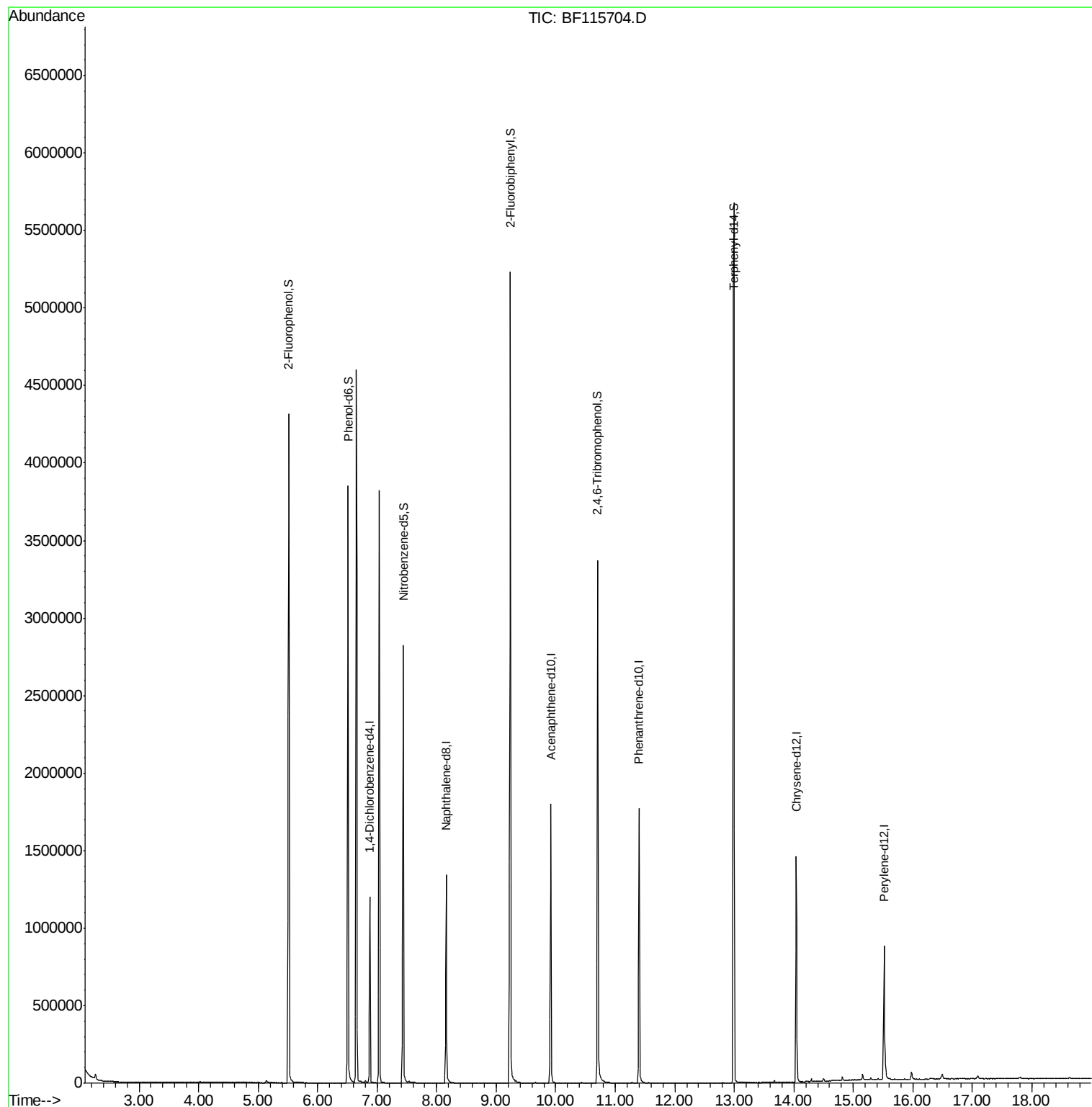
Target Compounds Qvalue

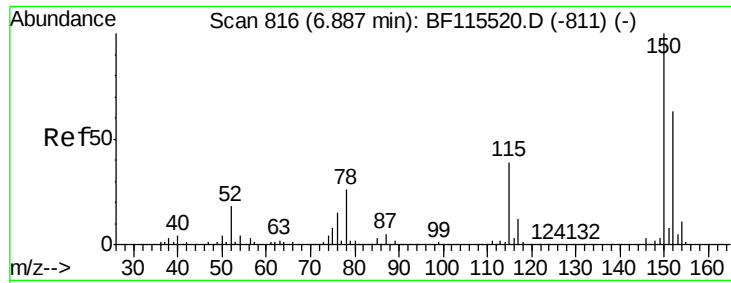
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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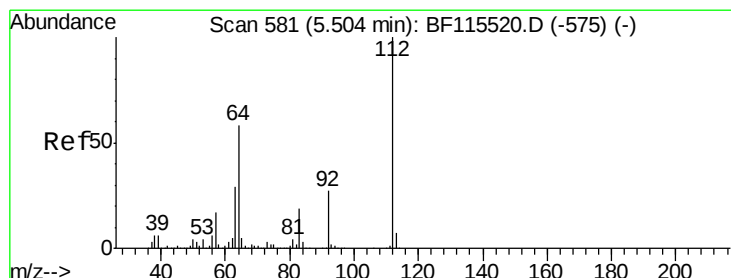
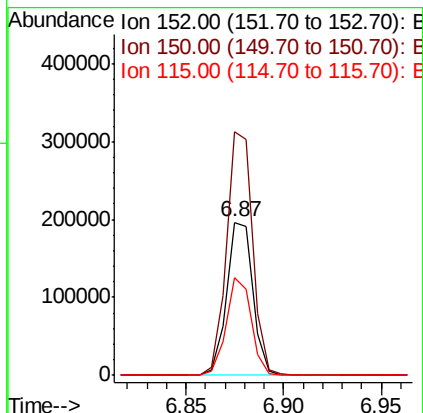
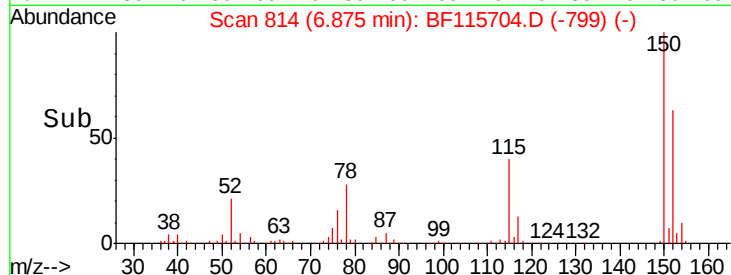
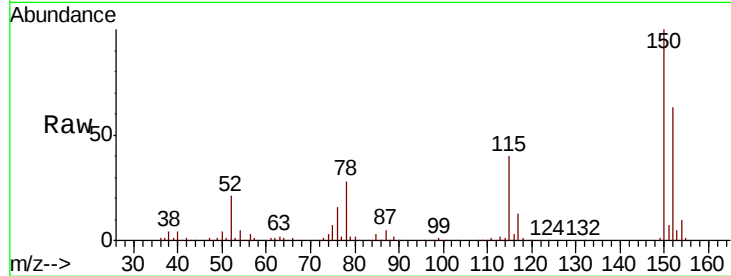


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115704.D
Acq: 22 Jul 2019 12:52

Instrument :
BNA_F
ClientSampleId :
PB121540BL

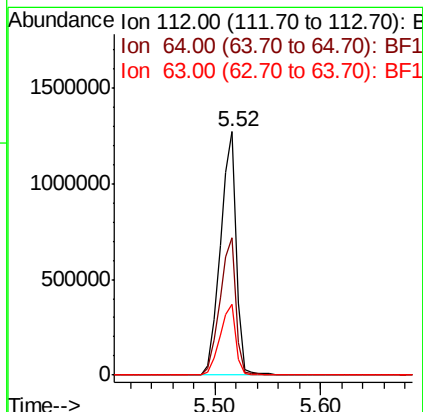
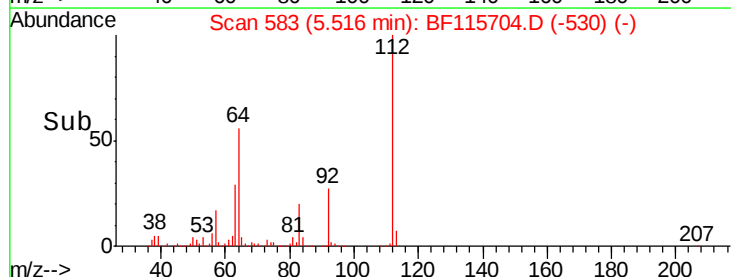
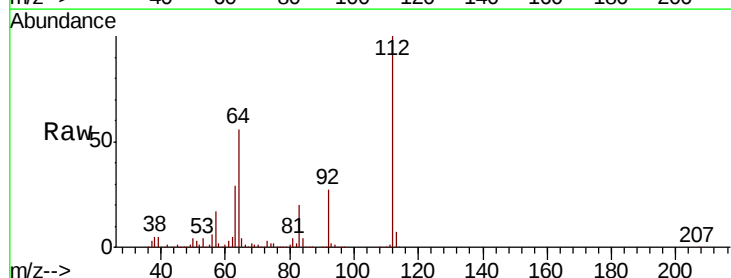
Tot Ion:152 Resp: 182675
Ion Ratio Lower Upper
152 100
150 159.0 129.7 194.5
115 63.6 48.2 72.4

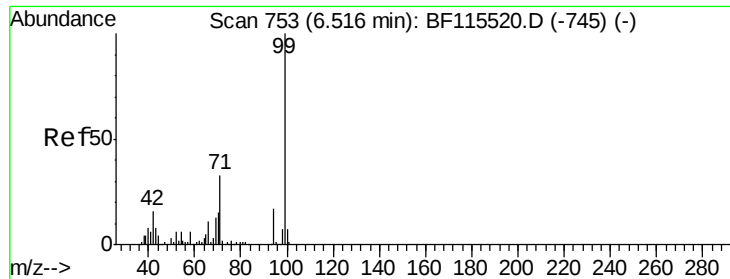


#5

2-Fluorophenol
Concen: 120.954 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115704.D
Acq: 22 Jul 2019 12:52

Tgt Ion:112 Resp: 1350810
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 29.1 24.1 36.1





#7

Phenol-d6

Concen: 126.089 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

Instrument :

BNA_F

ClientSampleId :

PB121540BL

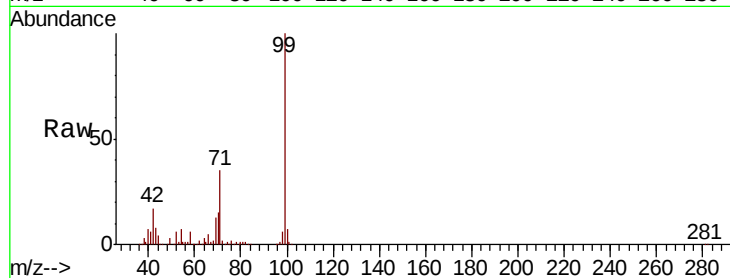
Tot Ion: 99 Resp: 1786791

Ion Ratio Lower Upper

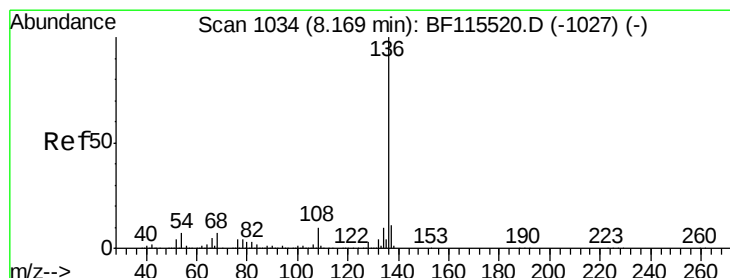
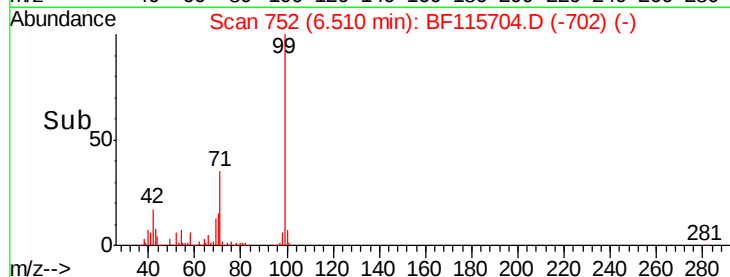
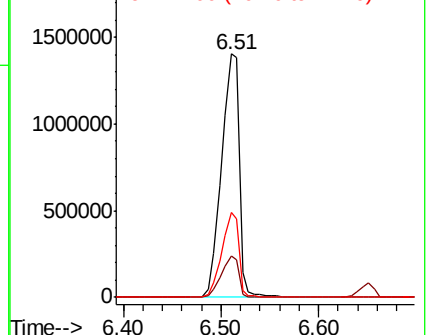
99 100

42 16.9 13.6 20.4

71 34.9 28.5 42.7



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

Tgt Ion: 136 Resp: 703348

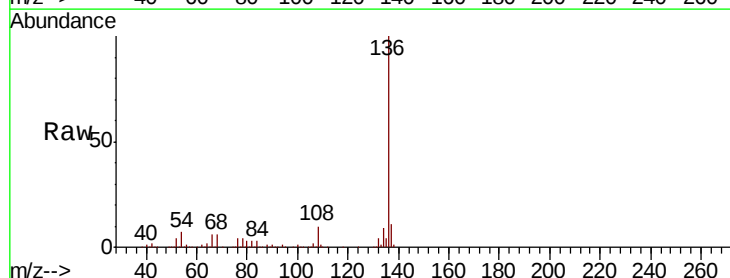
Ion Ratio Lower Upper

136 100

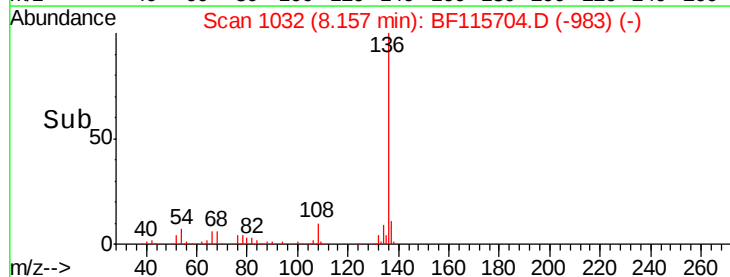
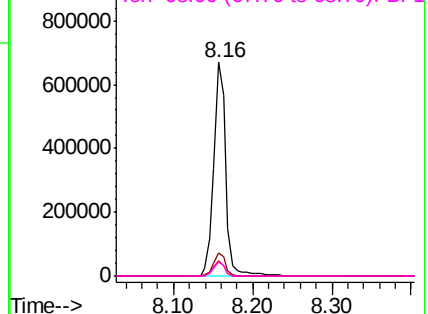
137 11.1 9.0 13.4

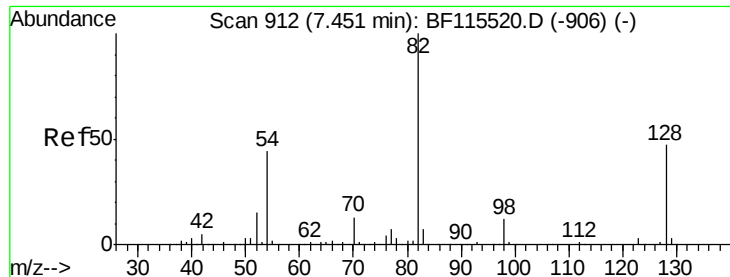
54 7.3 5.6 8.4

68 6.3 5.0 7.6



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

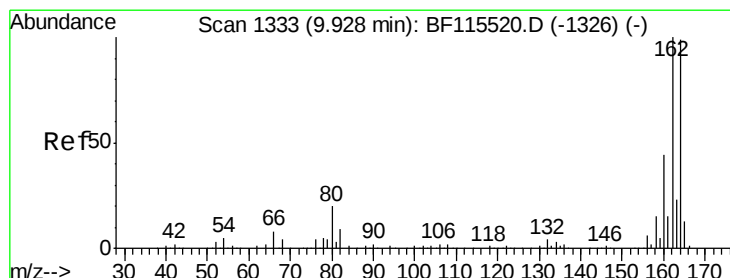
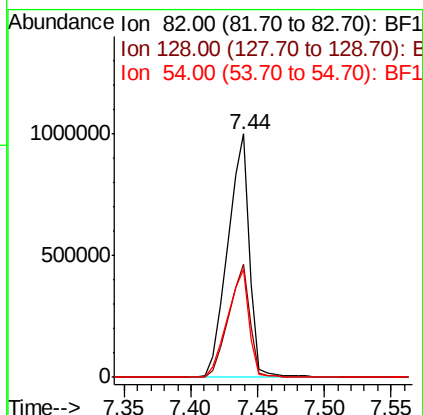
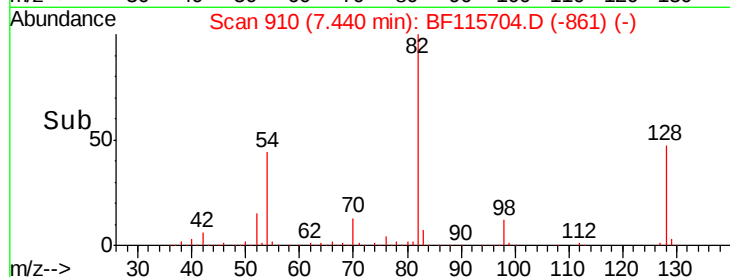
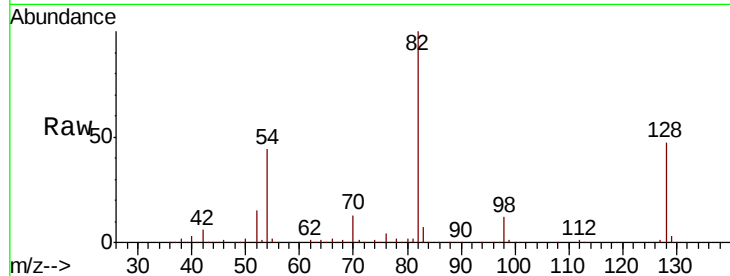




#23
 Nitrobenzene-d5
 Concen: 94.947 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115704.D
 Acq: 22 Jul 2019 12:52

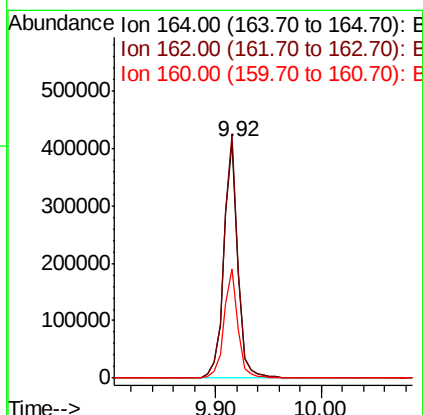
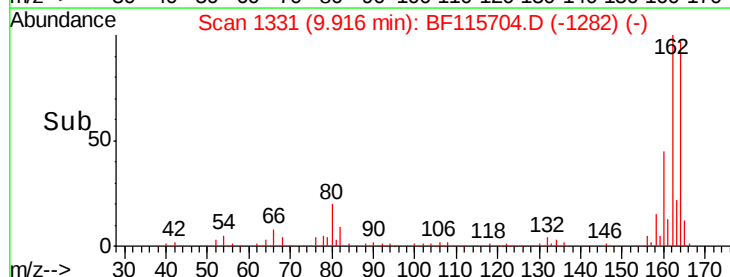
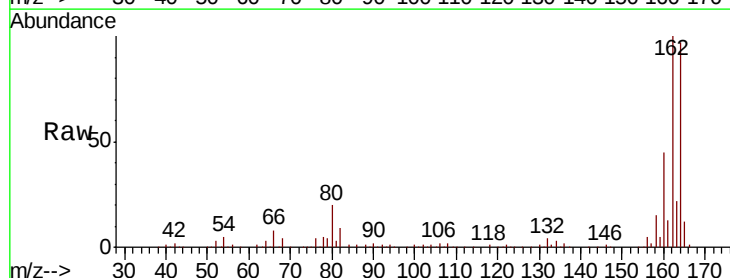
Instrument :
 BNA_F
 ClientSampleId :
 PB121540BL

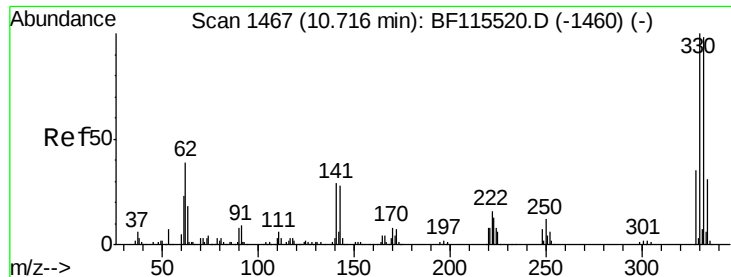
Tot Ion: 82 Resp: 1148485
 Ion Ratio Lower Upper
 82 100
 128 46.7 38.6 57.8
 54 44.1 35.6 53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115704.D
 Acq: 22 Jul 2019 12:52

Tgt Ion:164 Resp: 379690
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.9 124.3
 160 46.0 36.8 55.2

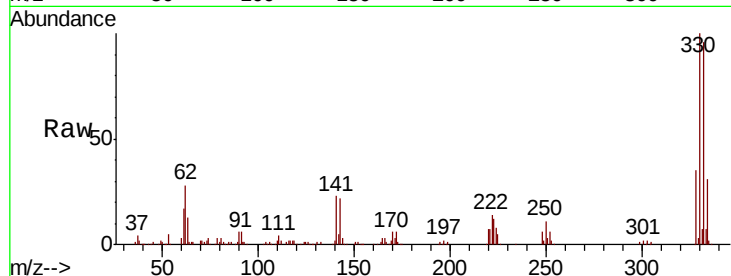




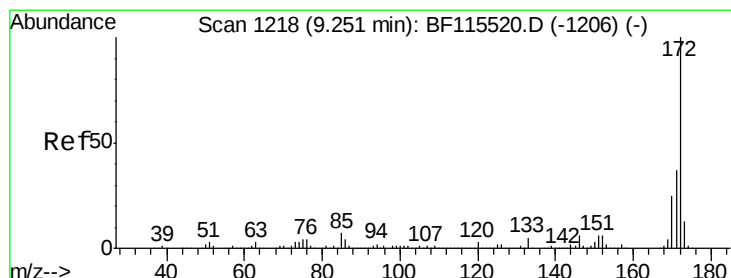
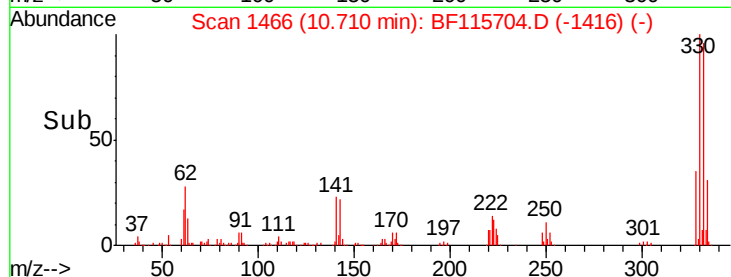
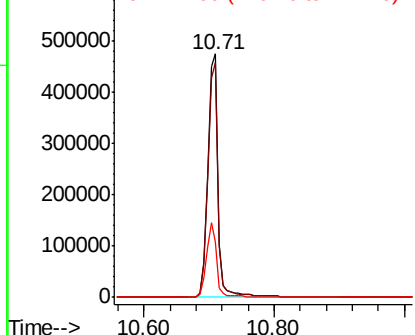
#42
 2,4,6-Tribromophenol
 Concen: 116.909 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115704.D
 Acq: 22 Jul 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB121540BL

Tot Ion:330 Resp: 518130
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 30.7 22.4 33.6

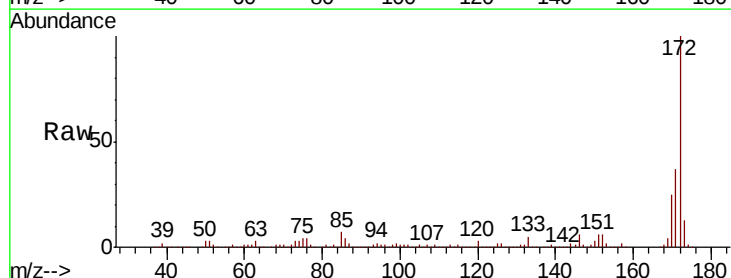


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

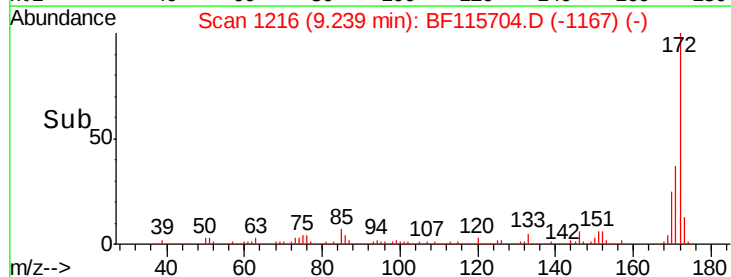
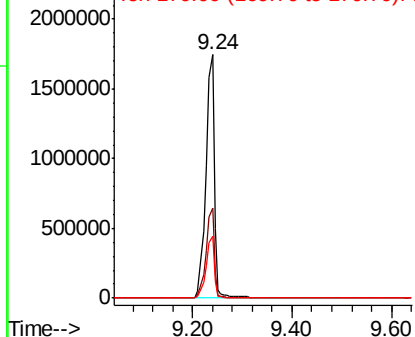


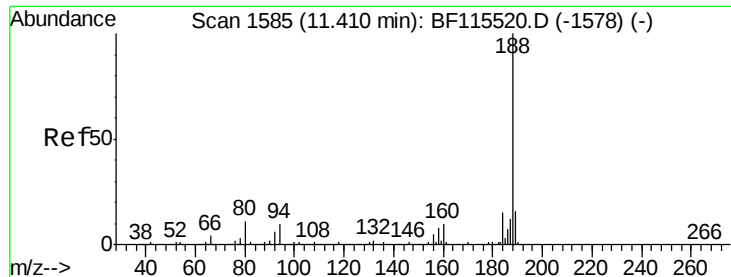
#45
 2-Fluorobiphenyl
 Concen: 94.221 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115704.D
 Acq: 22 Jul 2019 12:52

Tgt Ion:172 Resp: 2043951
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.6 46.0
 170 25.4 20.5 30.7



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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

Instrument :

BNA_F

ClientSampleId :

PB121540BL

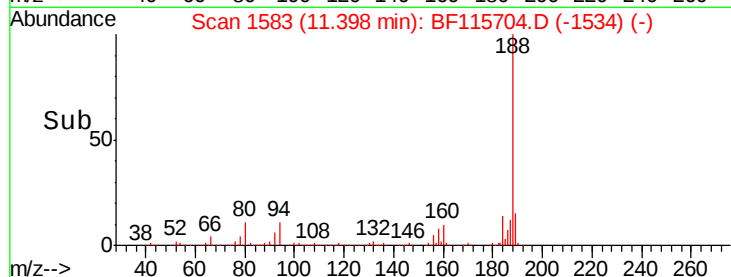
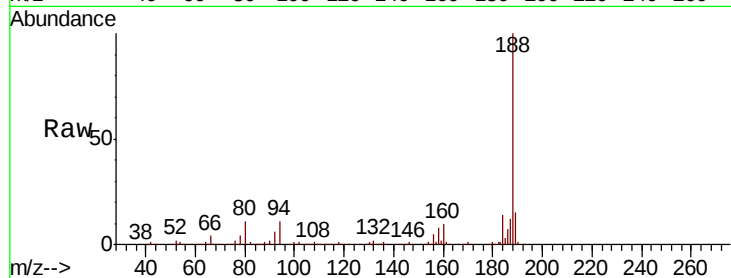
Tot Ion:188 Resp: 684752

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.6

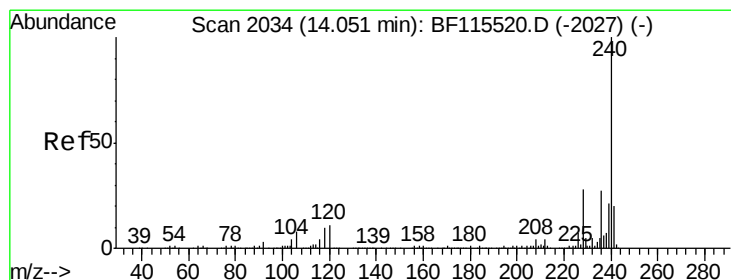
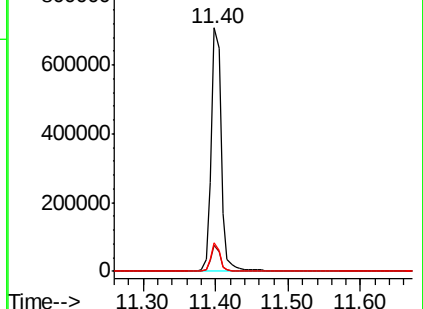
80 11.5 8.6 13.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

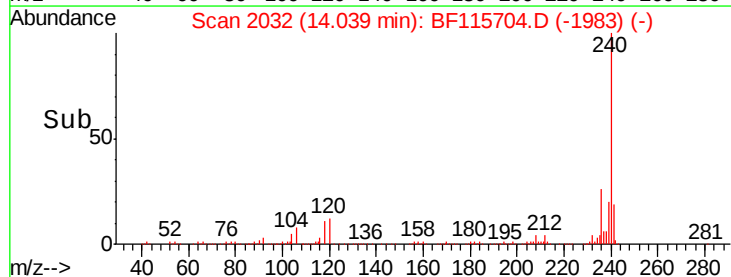
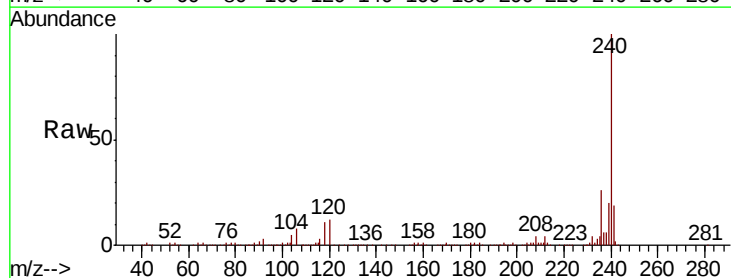
Tgt Ion:240 Resp: 500586

Ion Ratio Lower Upper

240 100

120 11.8 8.6 13.0

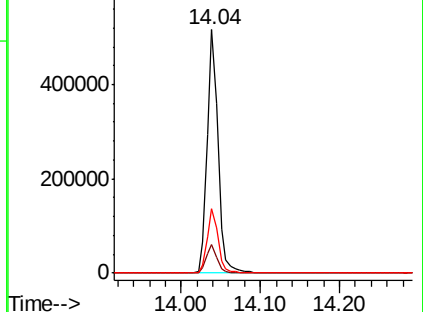
236 26.3 21.3 31.9

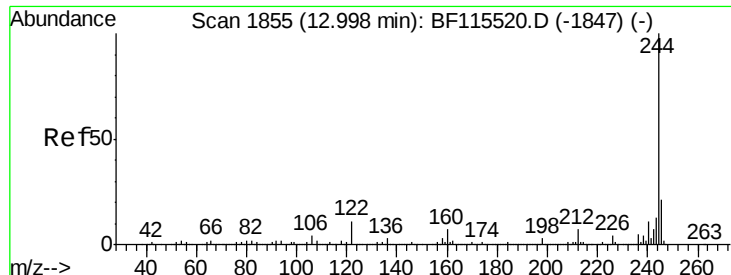


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.954 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

Instrument :

BNA_F

ClientSampleId :

PB121540BL

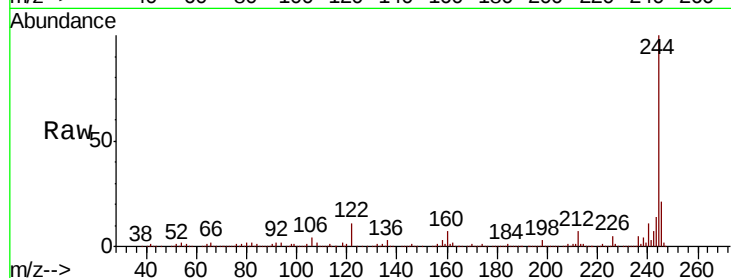
Tot Ion:244 Resp: 2277635

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

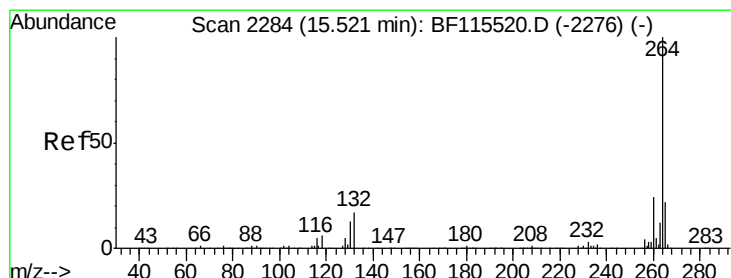
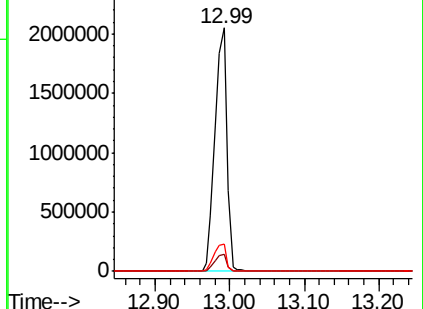
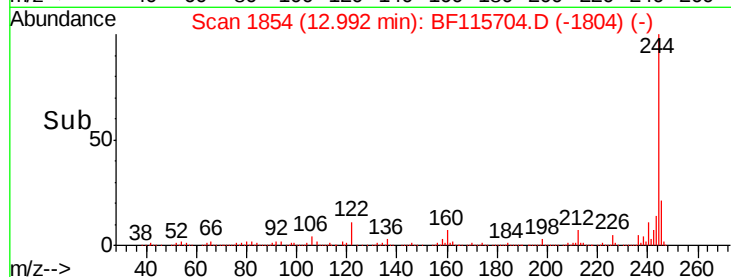
122 11.1 8.6 12.8



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

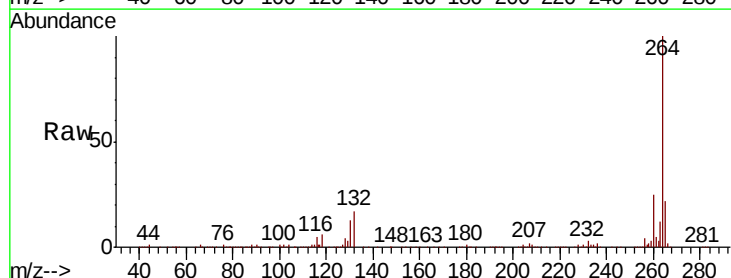
Tgt Ion:264 Resp: 456686

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 21.8 17.7 26.5



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

