

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114619.D
 Acq On : 25 May 2019 22:00
 Operator : JU/SJ
 Sample : PB119929BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BL

Quant Time: May 27 01:09:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	185006	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	706871	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	340128	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	683479	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	495400	20.00	ng	-0.02
87) Perylene-d12	15.42	264	474891	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1214434	105.64	ng	0.00
7) Phenol-d6	6.45	99	1585498	116.61	ng	-0.01
23) Nitrobenzene-d5	7.36	82	971258	77.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	368633	104.83	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1761528	78.34	ng	-0.02
79) Terphenyl-d14	12.91	244	1732488	72.09	ng	0.00

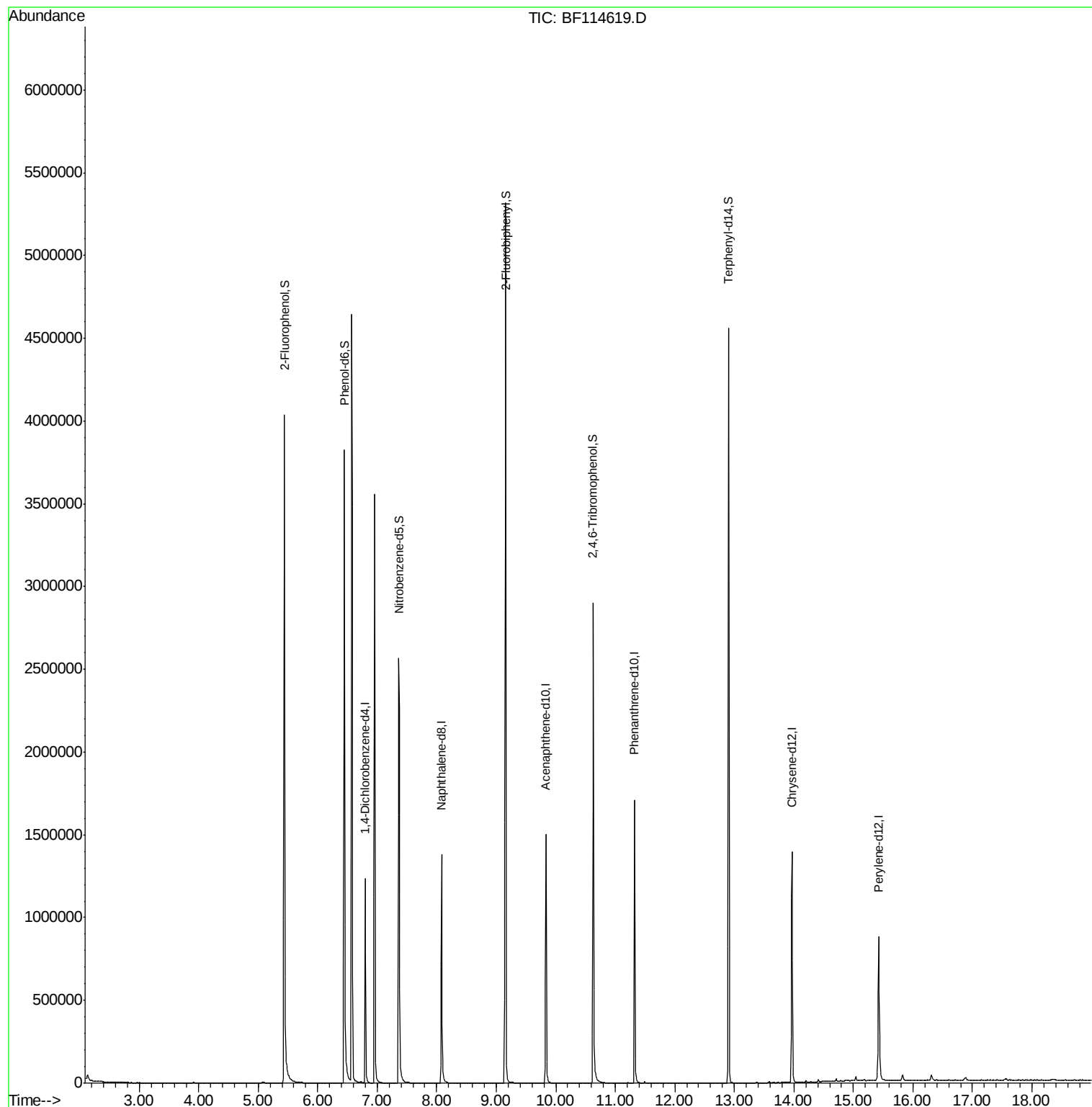
Target Compounds Qvalue

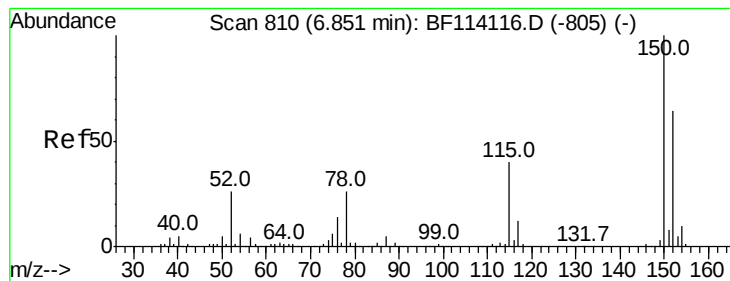
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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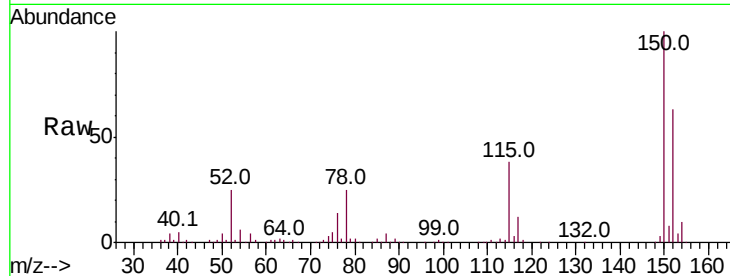


#1

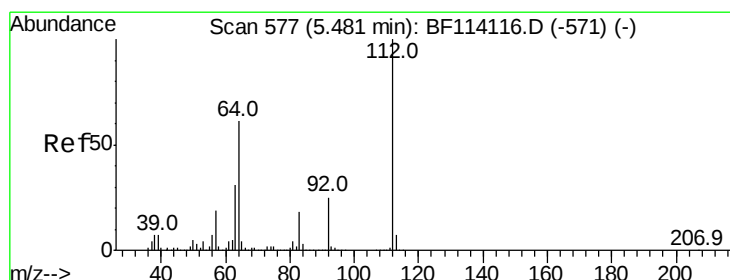
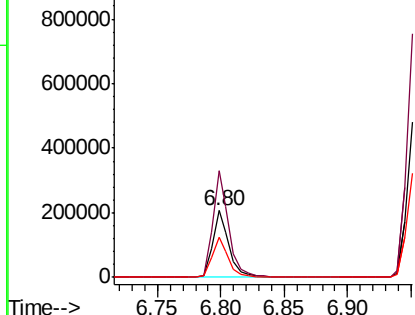
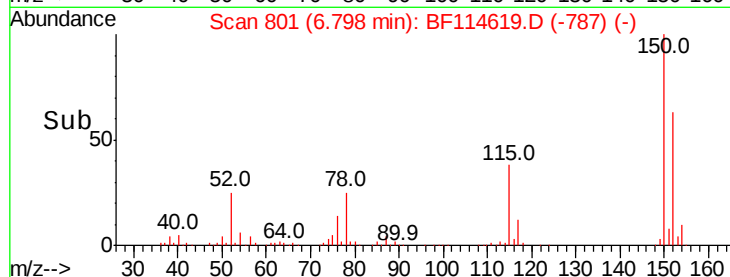
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114619.D
Acq: 25 May 2019 22:00

Instrument :
BNA_F
ClientSampleId :
PB119929BL

Tot Ion:152 Resp: 185006
Ion Ratio Lower Upper
152 100
150 159.8 124.3 186.5
115 61.2 49.1 73.7



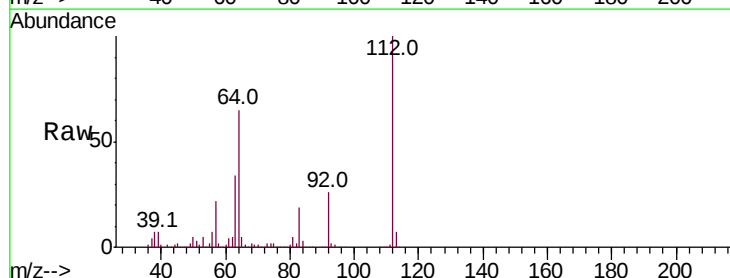
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



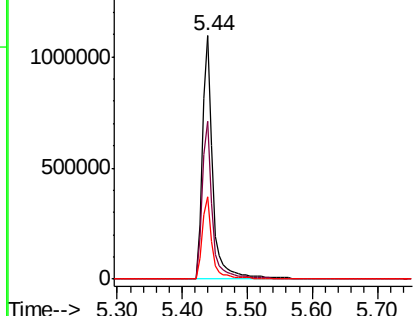
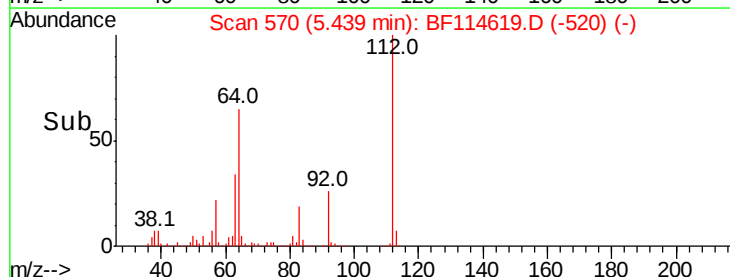
#5

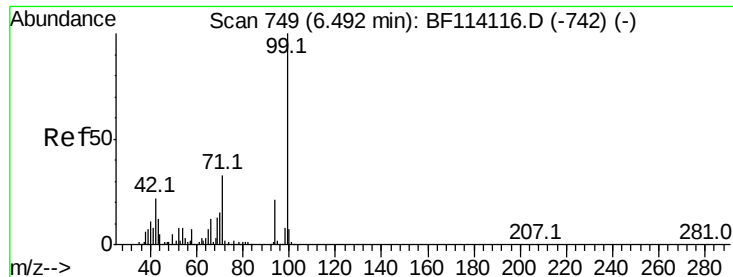
2-Fluorophenol
Concen: 105.637 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114619.D
Acq: 25 May 2019 22:00

Tgt Ion:112 Resp: 1214434
Ion Ratio Lower Upper
112 100
64 64.9 49.0 73.6
63 33.7 24.6 37.0



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: 116.606 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

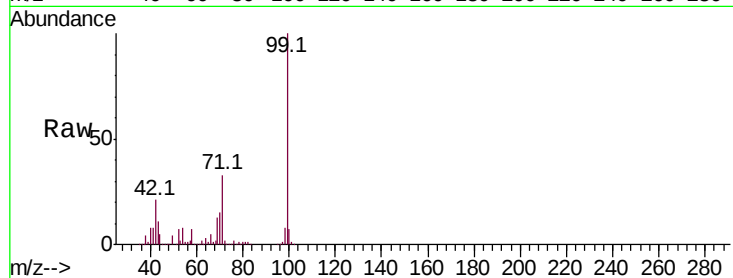
BNA_F

ClientSampleId :

PB119929BL

Tot Ion: 99 Resp: 1585498

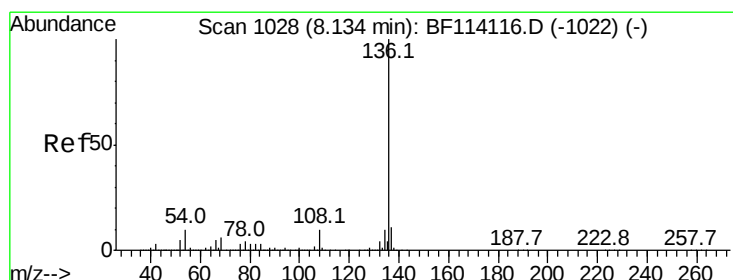
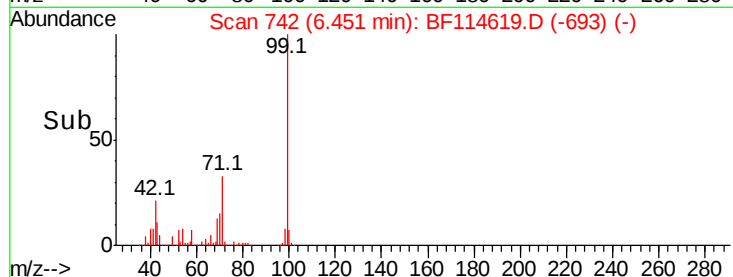
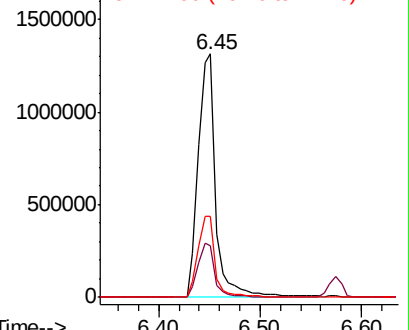
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.9	26.9
71	33.5	26.2	39.2



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: 8.08 min Scan# 1019

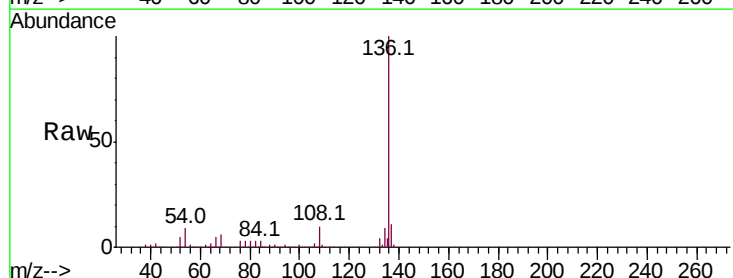
Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Tgt Ion: 136 Resp: 706871

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.3	7.8	11.8
68	5.5	5.1	7.7

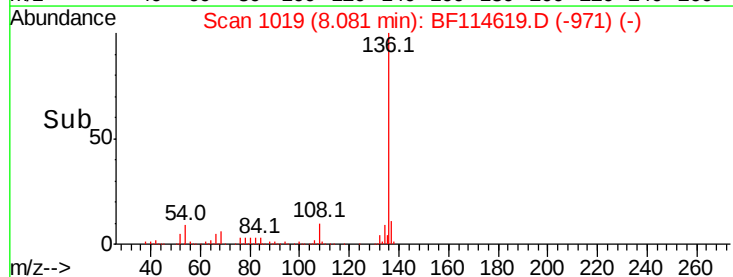
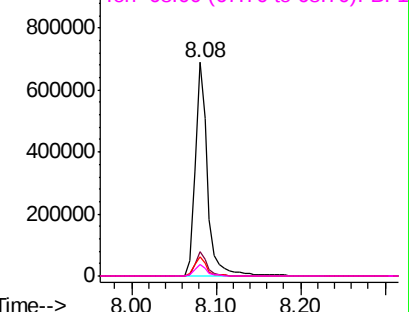


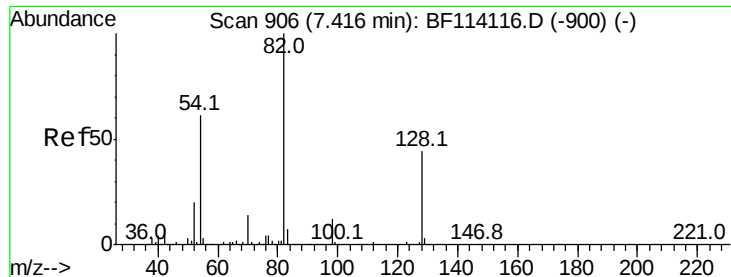
Abundance Ion 136.00 (135.70 to 136.70): E

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

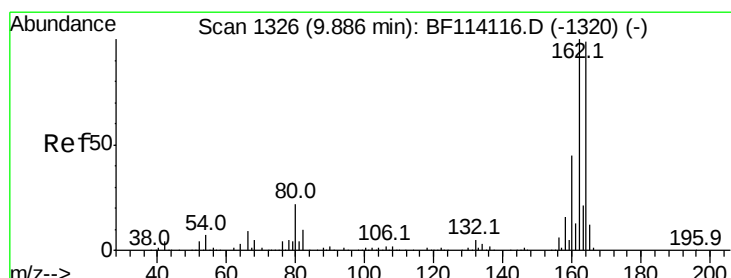
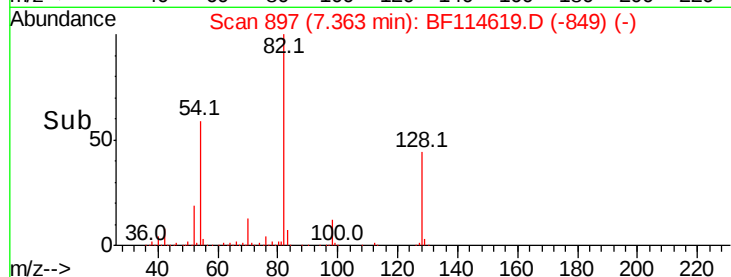
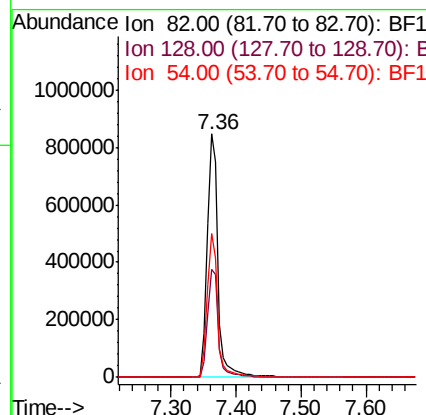
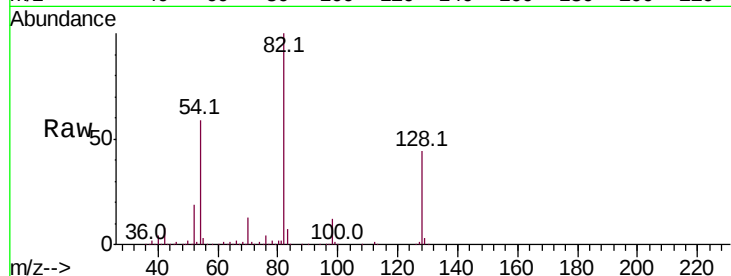




#23
 Nitrobenzene-d5
 Concen: 77.110 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

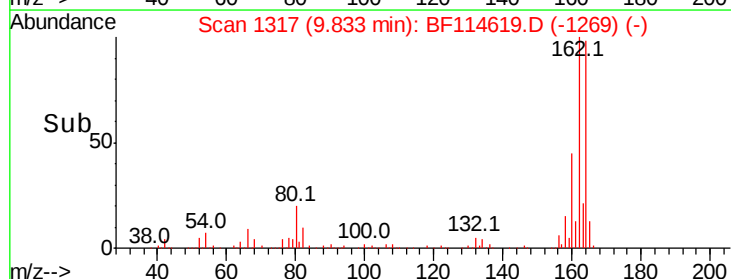
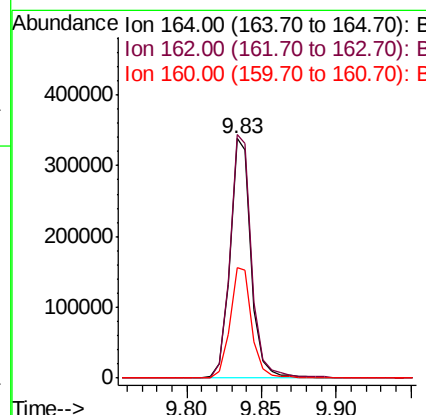
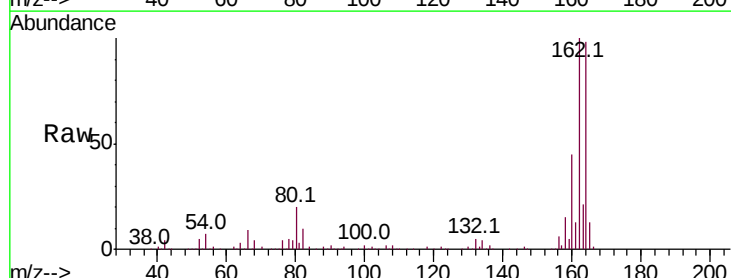
Instrument :
 BNA_F
 ClientSampled :
 PB119929BL

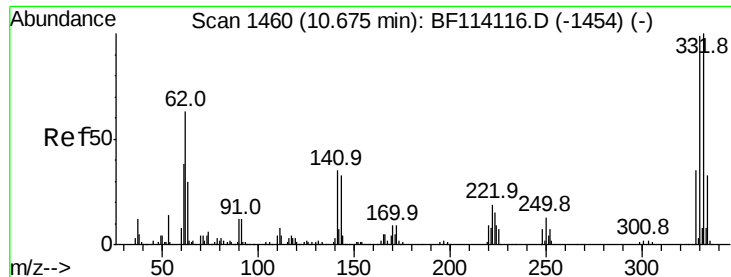
Tot Ion: 82 Resp: 971258
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.5 53.3
 54 59.2 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

Tgt Ion: 164 Resp: 340128
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 120.8
 160 46.1 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 104.834 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

BNA_F

ClientSampleId :

PB119929BL

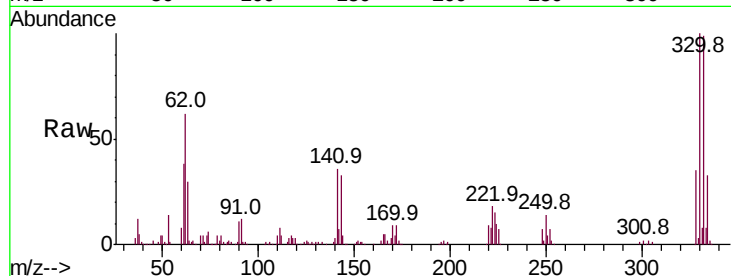
Tot Ion:330 Resp: 368633

Ion Ratio Lower Upper

330 100

332 101.6 81.4 122.2

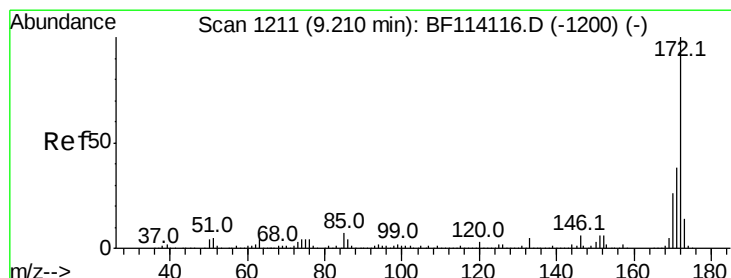
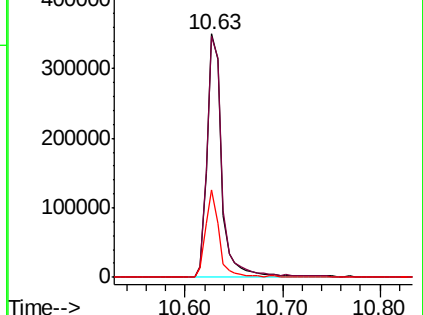
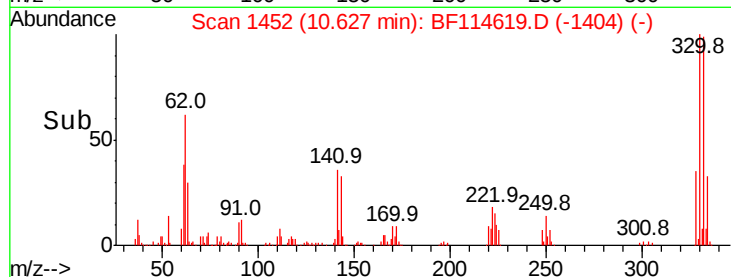
141 33.7 26.6 40.0



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: 78.341 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

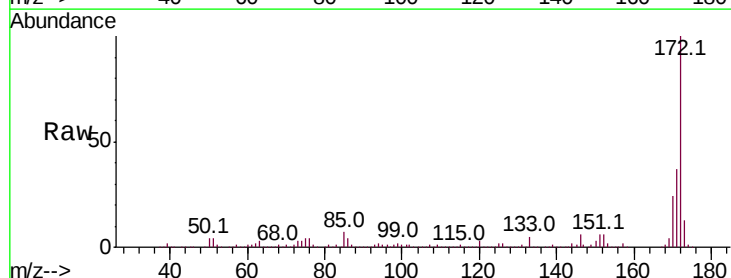
Tgt Ion:172 Resp: 1761528

Ion Ratio Lower Upper

172 100

171 36.7 30.7 46.1

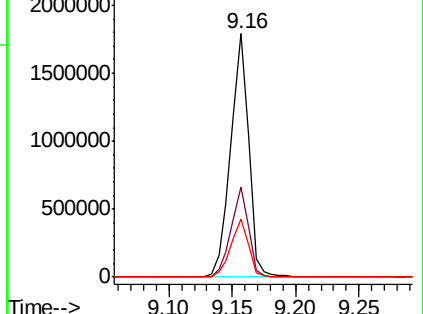
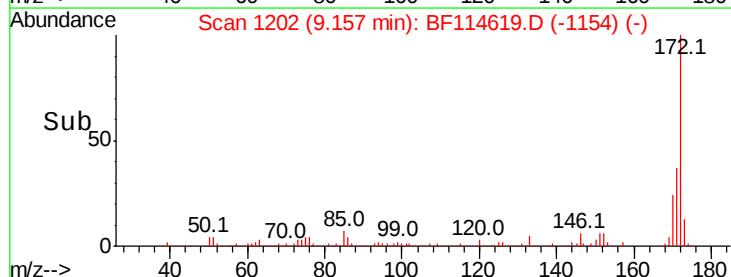
170 24.0 20.5 30.7

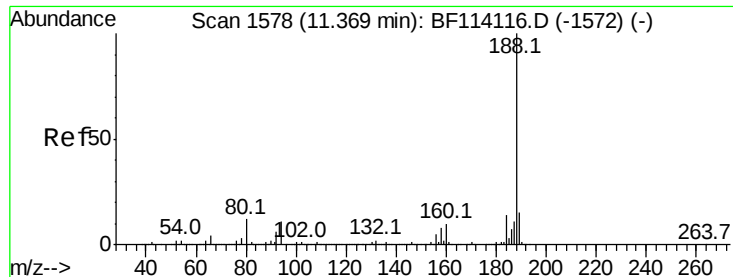


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

BNA_F

ClientSampleId :

PB119929BL

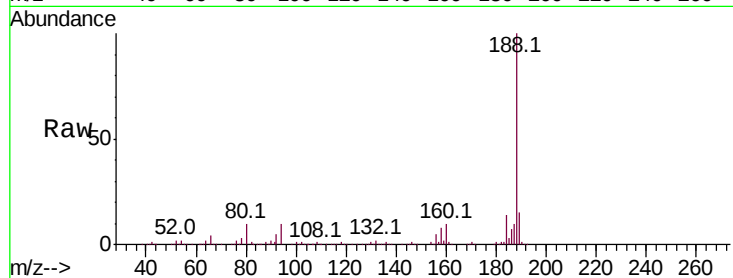
Tot Ion:188 Resp: 683479

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

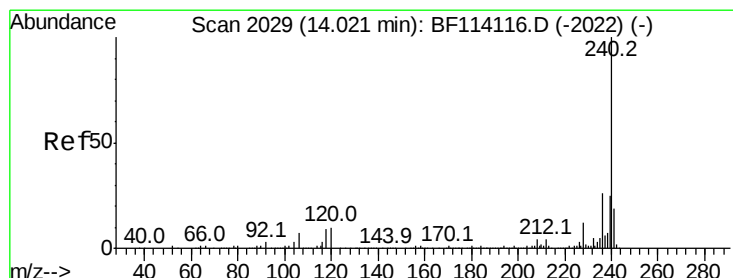
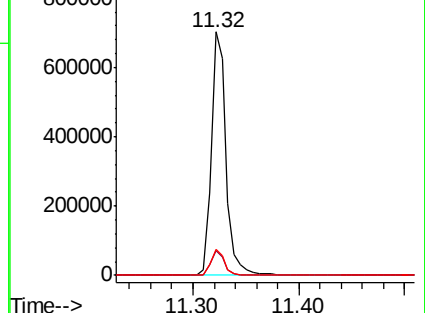
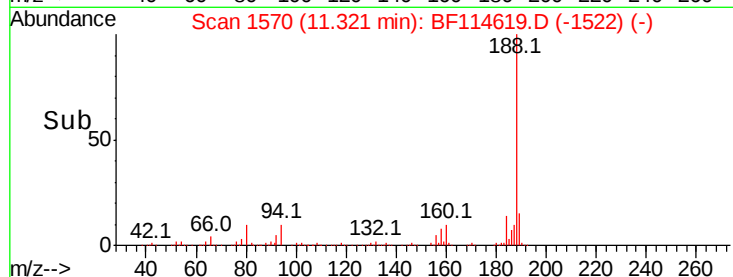
80 10.5 9.2 13.8



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: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

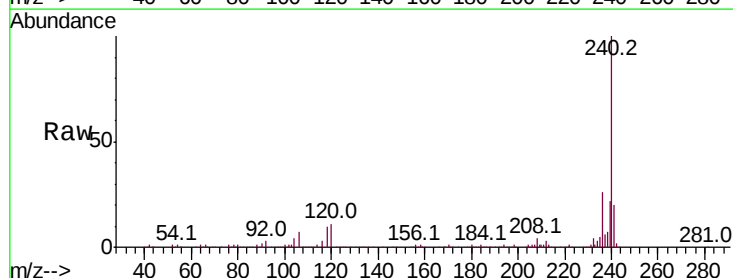
Tgt Ion:240 Resp: 495400

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

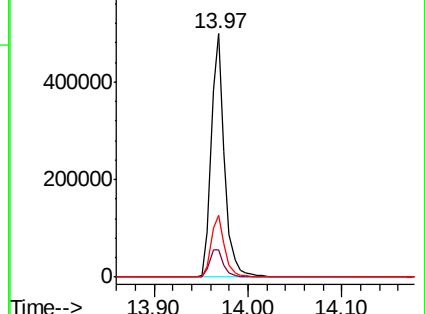
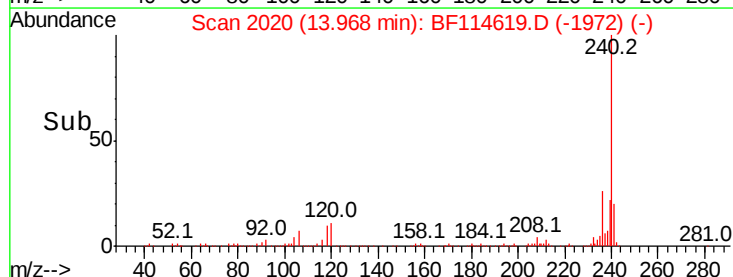
236 25.6 20.8 31.2

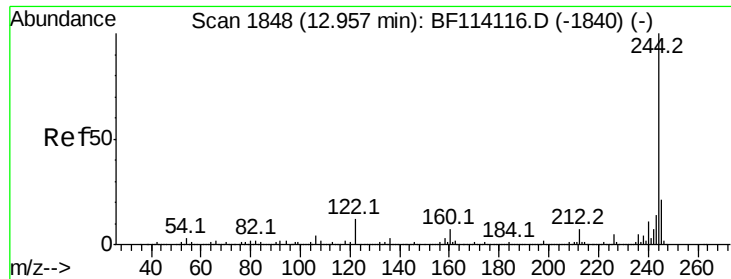


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.091 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

BNA_F

ClientSampleId :

PB119929BL

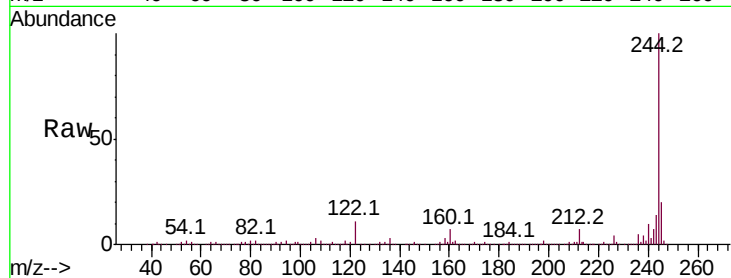
Tot Ion:244 Resp: 1732488

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

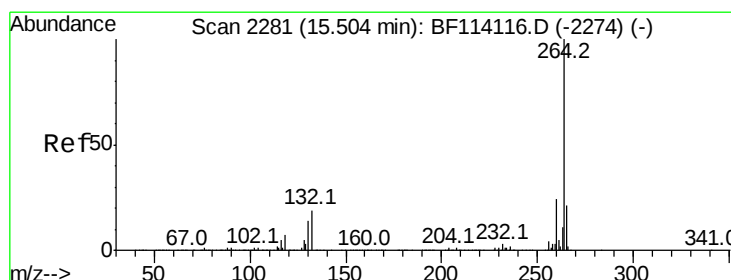
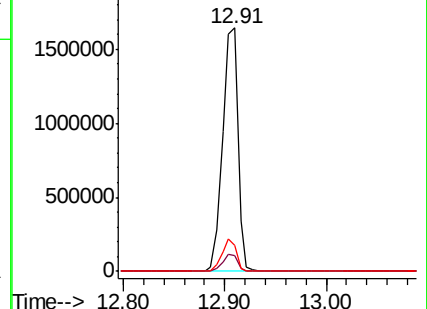
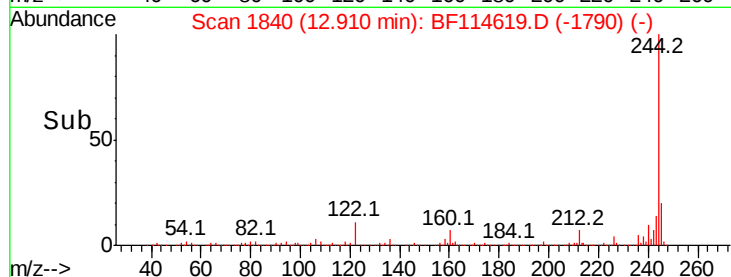
122 10.5 9.4 14.2



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: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

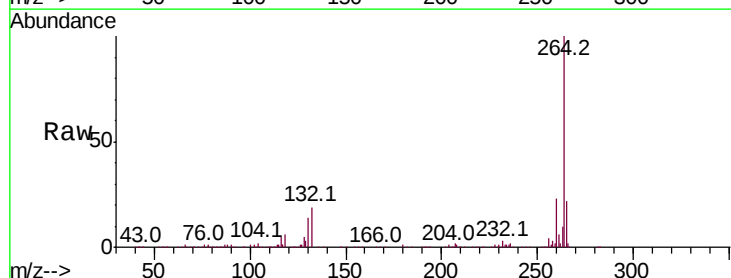
Tgt Ion:264 Resp: 474891

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.8 16.9 25.3



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

