

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114701.D
 Acq On : 31 May 2019 12:00
 Operator : HP/JU
 Sample : PB120137BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BL

Quant Time: Jun 01 00:37:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	450544	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1766477	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	921963	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1759401	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1184472	20.00	ng	0.00
87) Perylene-d12	15.22	264	1003154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2777419	108.23	ng	0.02
7) Phenol-d6	6.34	99	3394775	109.78	ng	0.01
23) Nitrobenzene-d5	7.26	82	2222238	78.49	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	1063349	121.04	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3964858	79.81	ng	0.00
79) Terphenyl-d14	12.79	244	4088347	64.90	ng	0.00

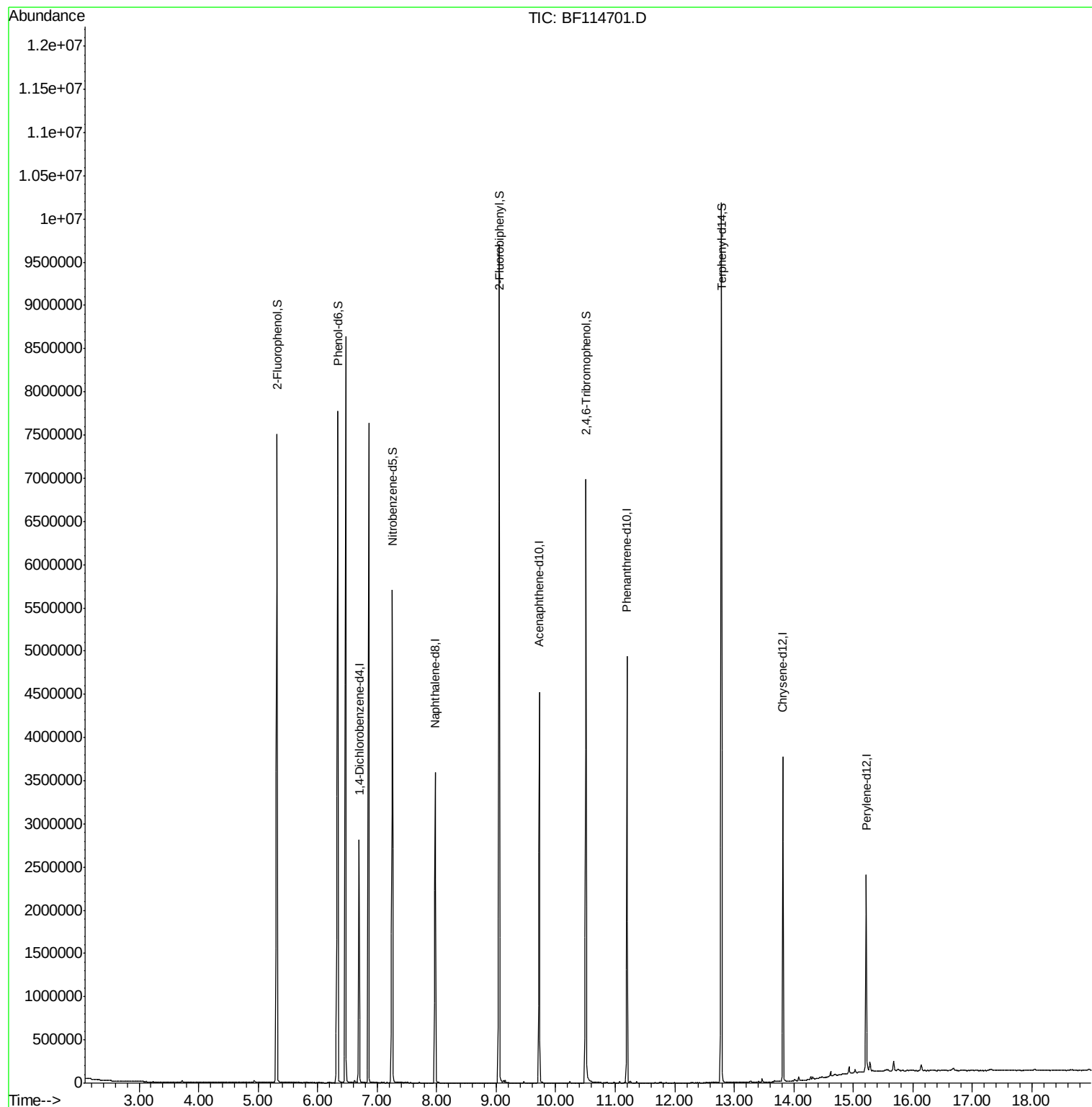
Target Compounds Qvalue

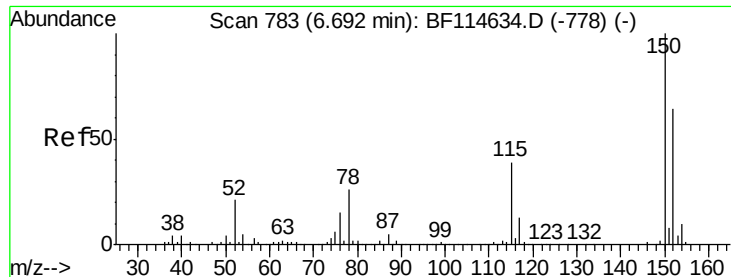
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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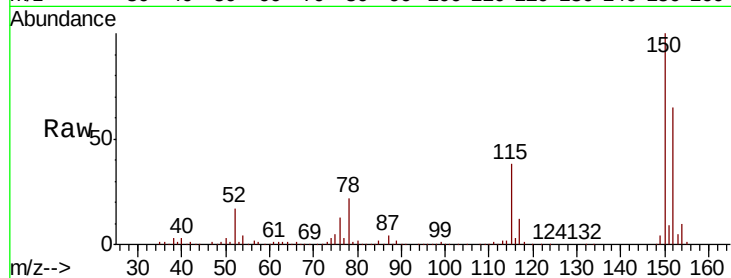


#1

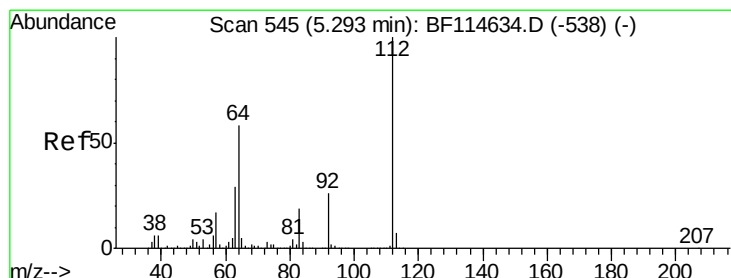
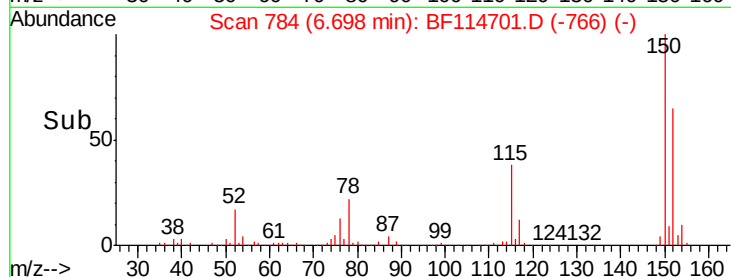
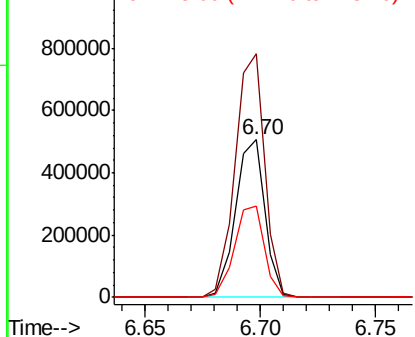
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114701.D
Acq: 31 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB120137BL

Tot Ion:152 Resp: 450544
Ion Ratio Lower Upper
152 100
150 154.8 124.4 186.6
115 58.3 48.7 73.1



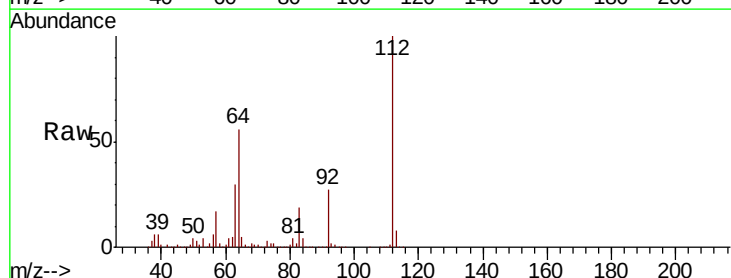
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



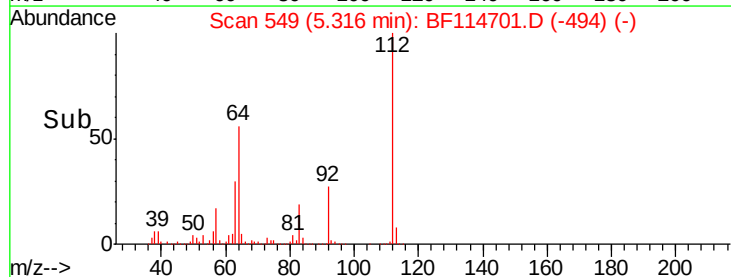
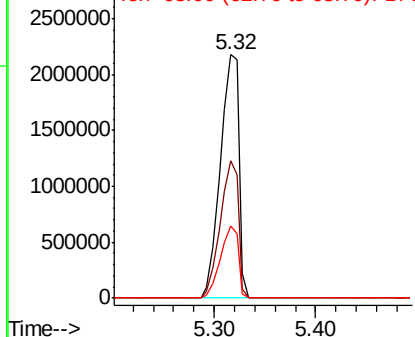
#5

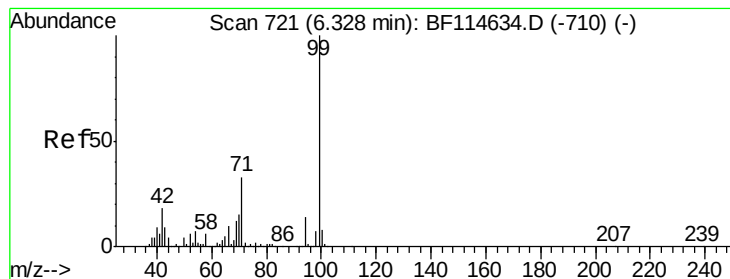
2-Fluorophenol
Concen: 108.232 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114701.D
Acq: 31 May 2019 12:00

Tgt Ion:112 Resp: 2777419
Ion Ratio Lower Upper
112 100
64 56.3 46.1 69.1
63 29.8 23.4 35.2



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: 109.781 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

PB120137BL

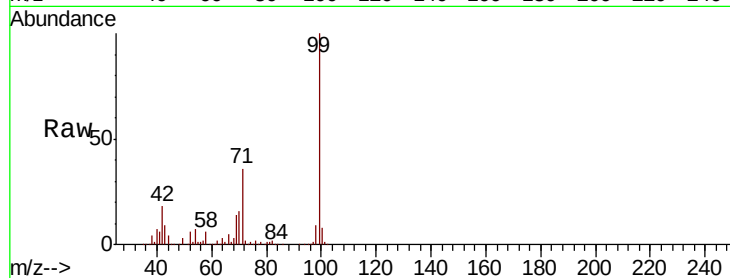
Tot Ion: 99 Resp: 3394775

Ion Ratio Lower Upper

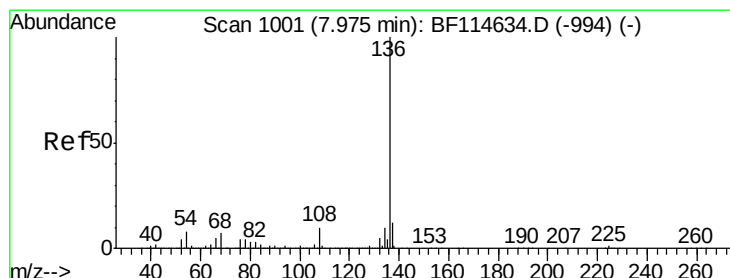
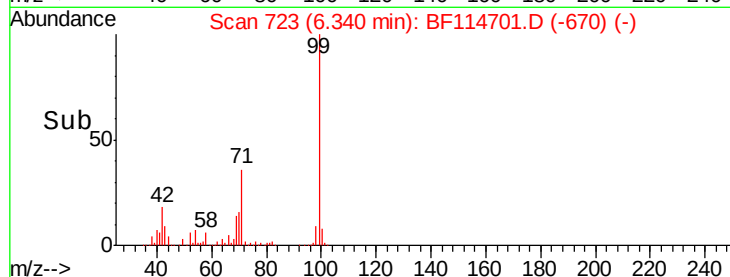
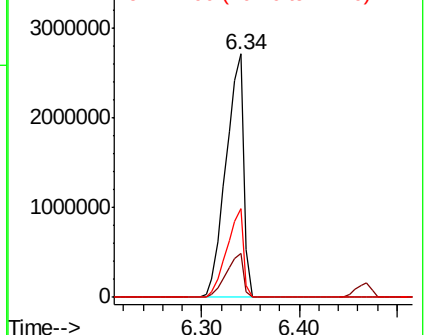
99 100

42 18.1 14.7 22.1

71 36.4 26.6 40.0



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: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

Tgt Ion: 136 Resp: 1766477

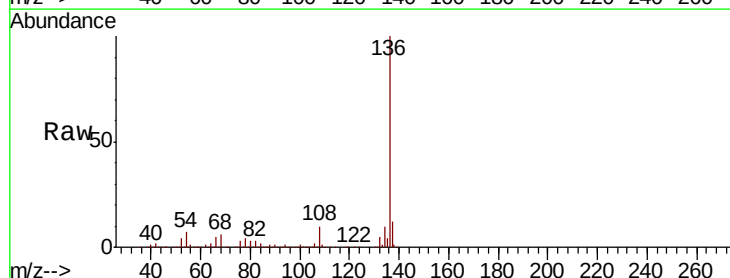
Ion Ratio Lower Upper

136 100

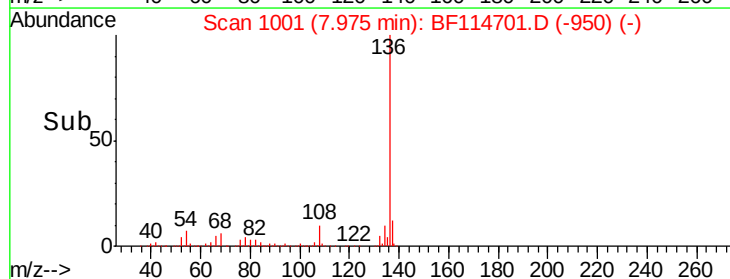
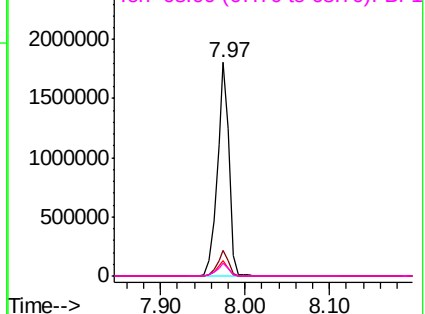
137 11.8 9.3 13.9

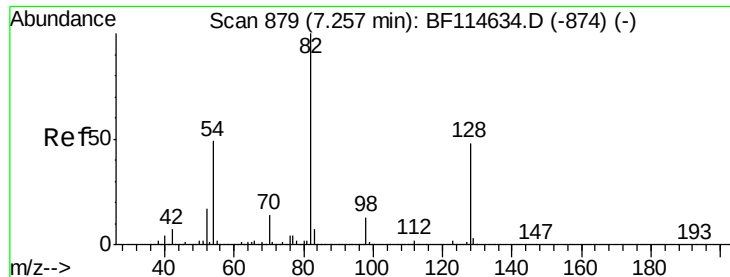
54 7.1 6.3 9.5

68 6.0 5.4 8.0



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

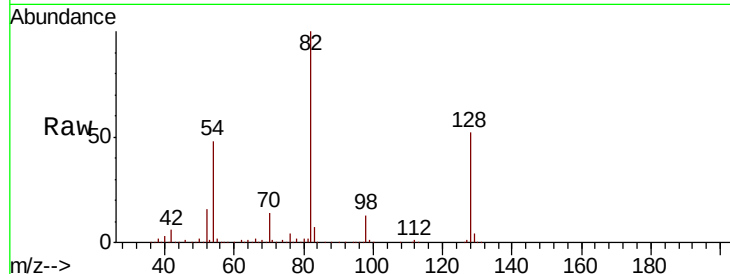




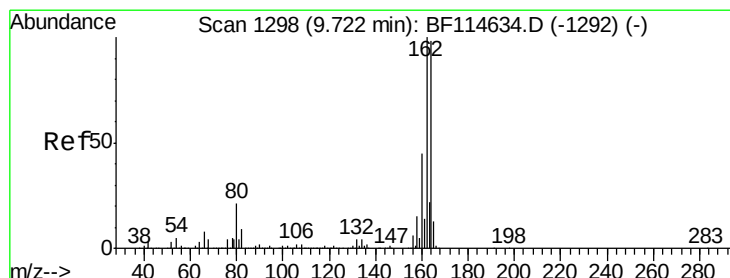
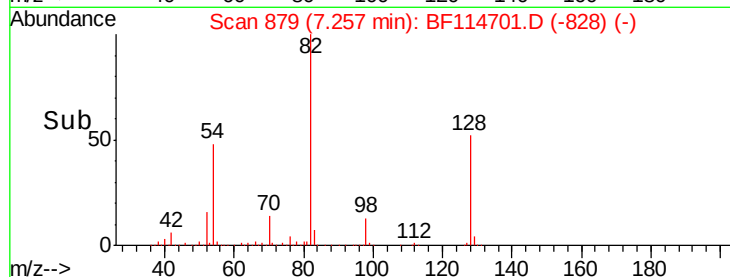
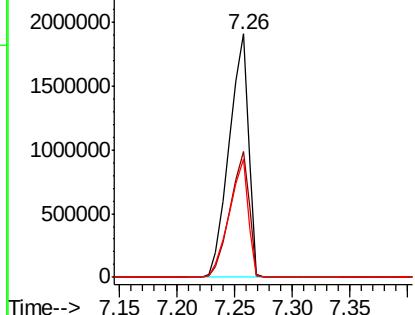
#23
 Nitrobenzene-d5
 Concen: 78.486 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF114701.D
 Acq: 31 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BL

Tot Ion: 82 Resp: 2222238
 Ion Ratio Lower Upper
 82 100
 128 51.6 38.5 57.7
 54 48.5 39.1 58.7

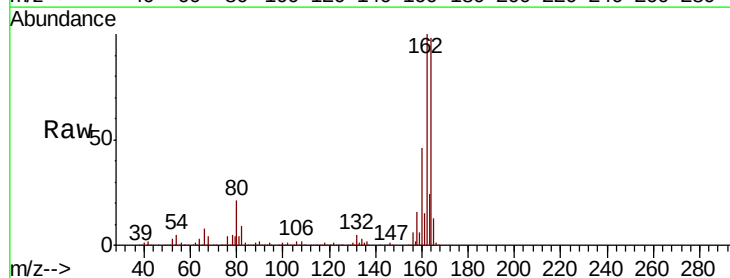


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

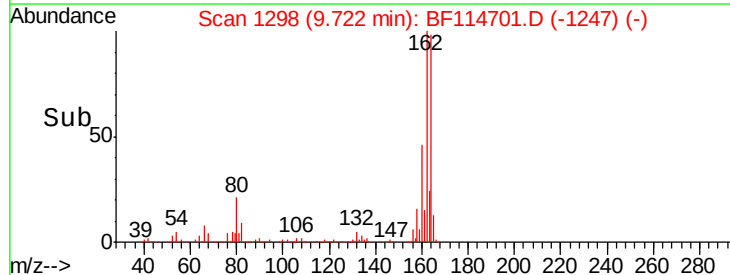
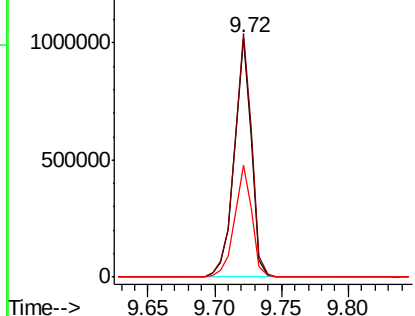


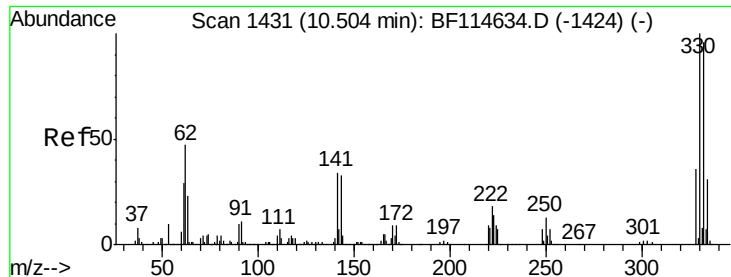
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF114701.D
 Acq: 31 May 2019 12:00

Tgt Ion: 164 Resp: 921963
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.4 122.2
 160 46.8 36.6 54.8



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

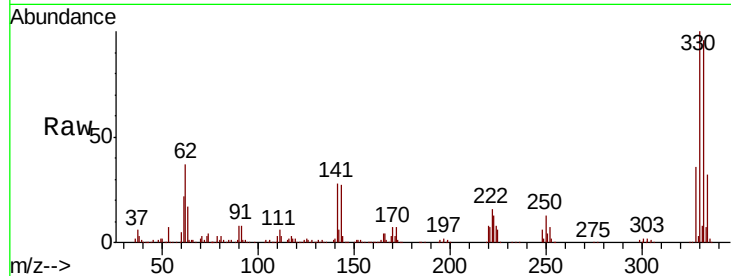




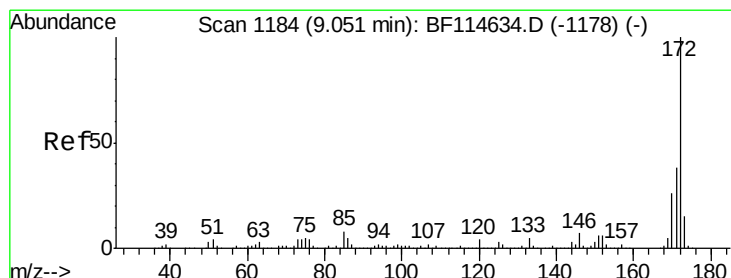
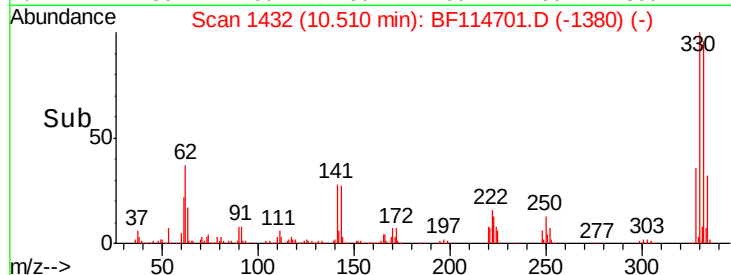
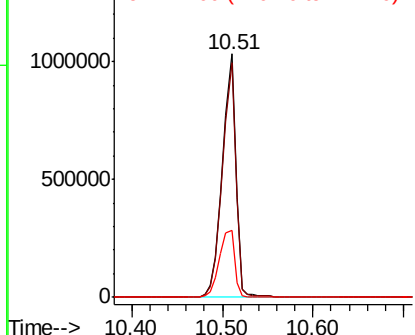
#42
 2,4,6-Tribromophenol
 Concen: 121.043 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF114701.D
 Acq: 31 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BL

Tot Ion:330 Resp: 1063349
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.8 113.8
 141 31.7 27.8 41.8

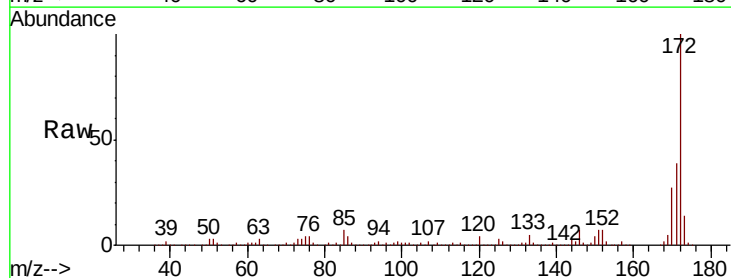


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

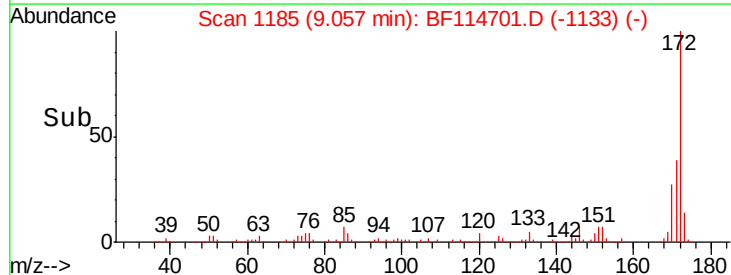
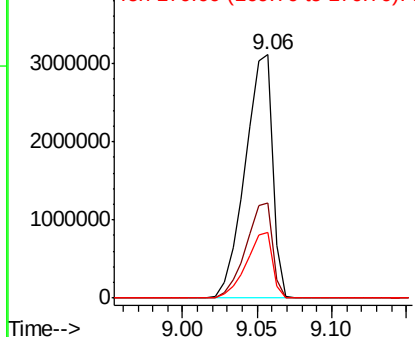


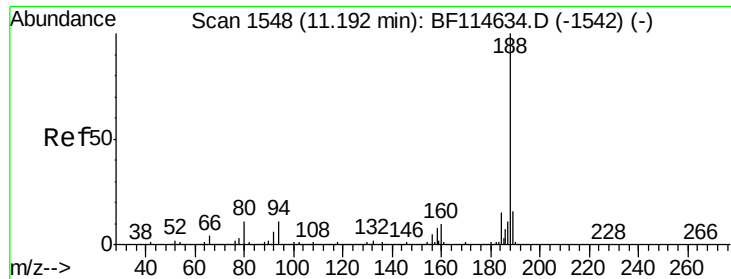
#45
 2-Fluorobiphenyl
 Concen: 79.805 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF114701.D
 Acq: 31 May 2019 12:00

Tgt Ion:172 Resp: 3964858
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.6 45.8
 170 26.9 20.7 31.1



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

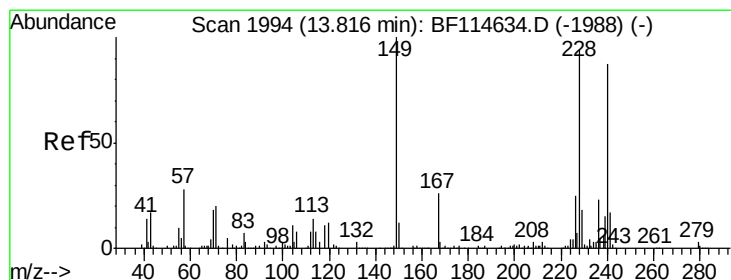
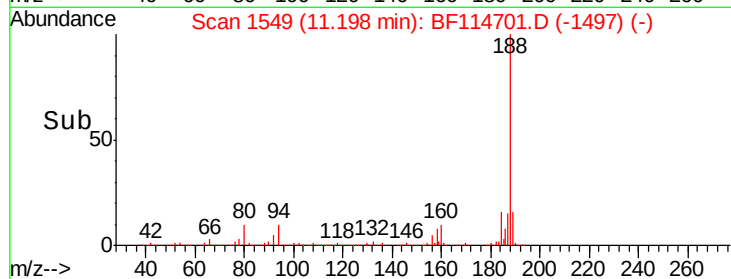
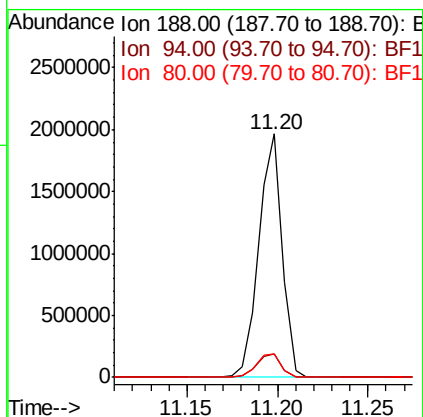
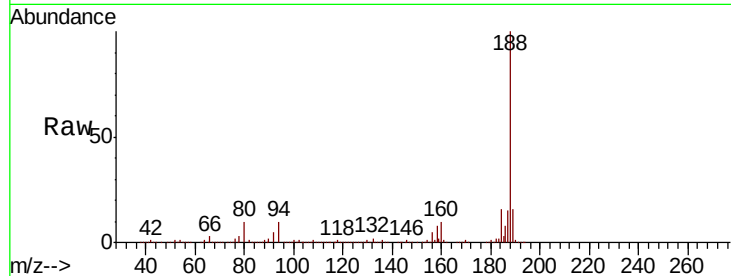




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114701.D
Acq: 31 May 2019 12:00

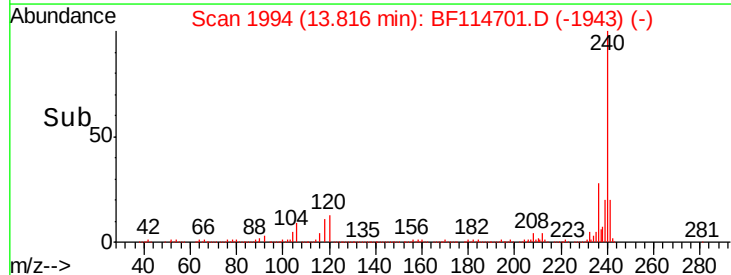
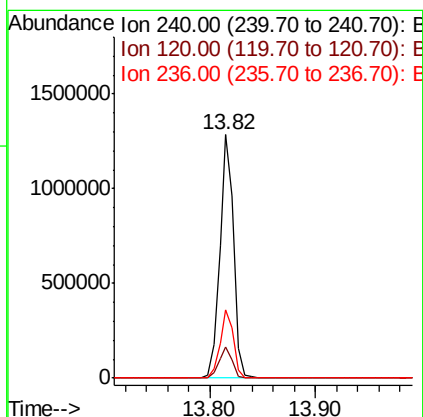
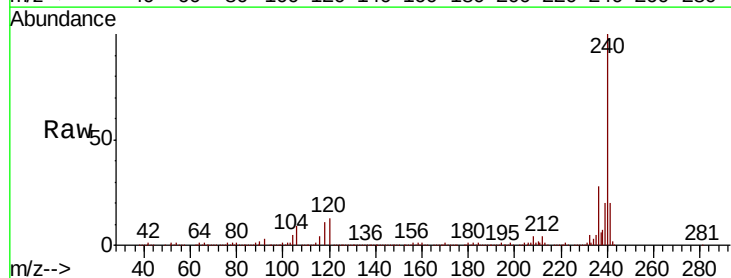
Instrument :
BNA_F
ClientSampleId :
PB120137BL

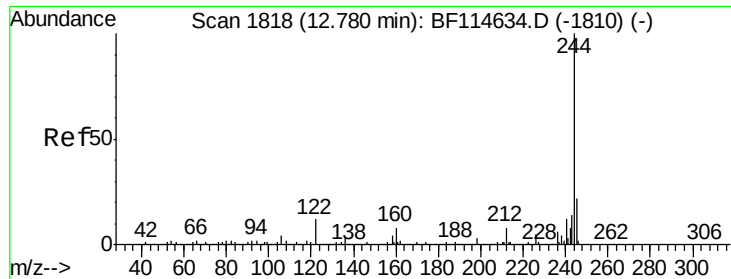
Tot Ion:188 Resp: 1759401
Ion Ratio Lower Upper
188 100
94 9.7 8.6 13.0
80 9.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114701.D
Acq: 31 May 2019 12:00

Tgt Ion:240 Resp: 1184472
Ion Ratio Lower Upper
240 100
120 13.0 11.2 16.8
236 28.1 21.2 31.8





#79

Terphenyl-d14

Concen: 64.896 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

PB120137BL

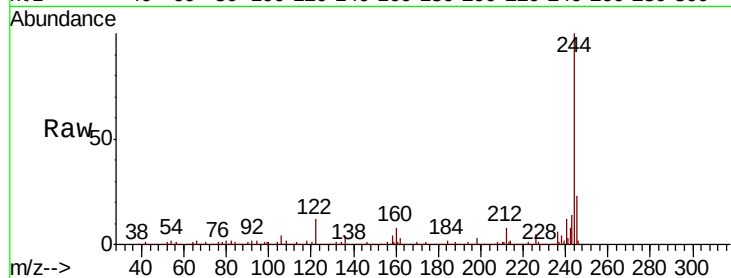
Tot Ion:244 Resp: 4088347

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

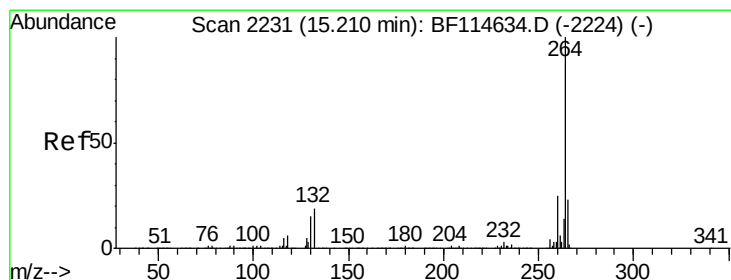
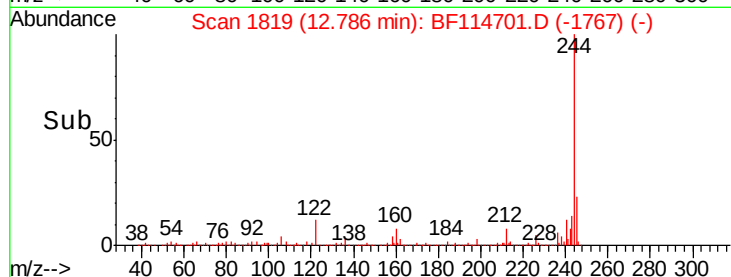
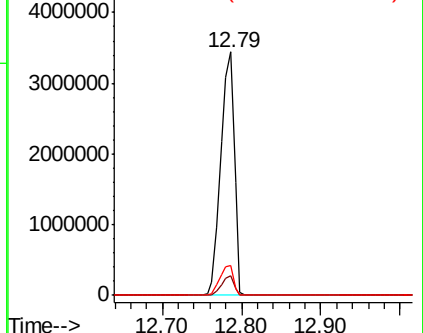
122 12.4 9.8 14.8



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: 15.22 min Scan# 2232

Delta R.T. 0.01 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

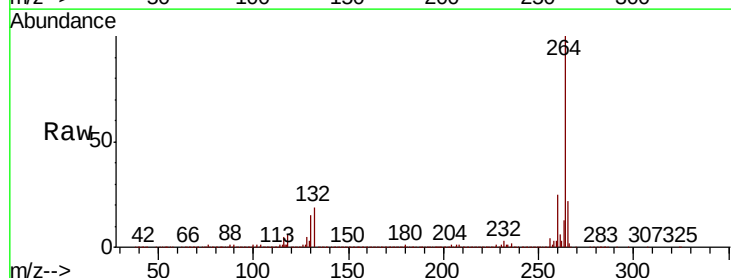
Tgt Ion:264 Resp: 1003154

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 22.0 18.1 27.1



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

