

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114696.D
 Acq On : 31 May 2019 9:48
 Operator : HP/JU
 Sample : PB119779BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BL

Quant Time: May 31 14:10:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	782051	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	3058545	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	1608237	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	2934162	20.00	ng	0.00
76) Chrysene-d12	13.82	240	2035001	20.00	ng	0.00
87) Perylene-d12	15.22	264	1790744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2622162	58.87	ng	0.02
7) Phenol-d6	6.34	99	3191378	59.46	ng	0.00
23) Nitrobenzene-d5	7.26	82	2108099	43.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	991159	64.68	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3851883	35.71	ng	0.00
79) Terphenyl-d14	12.79	244	3849005	35.56	ng	0.00

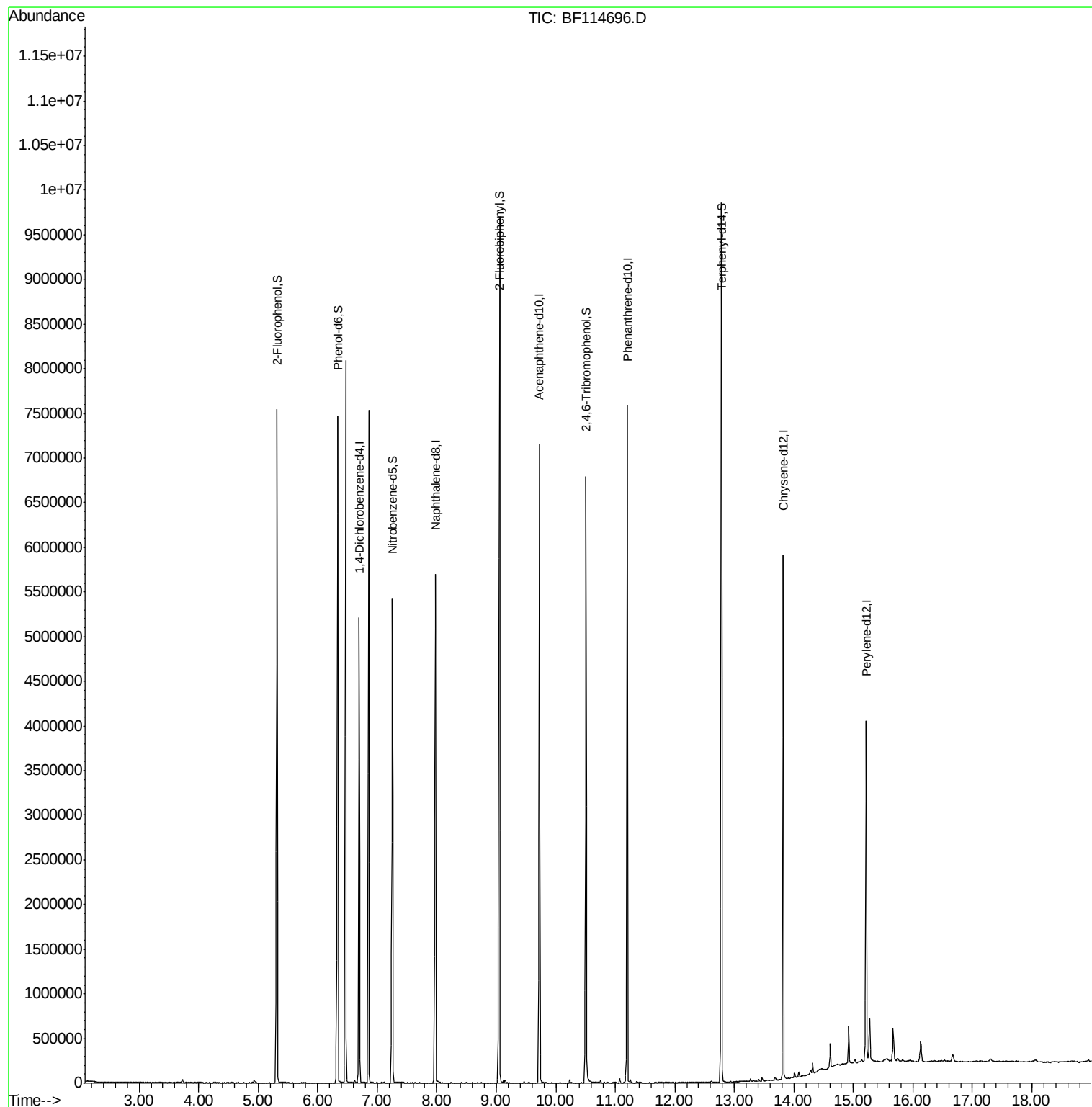
Target Compounds Qvalue

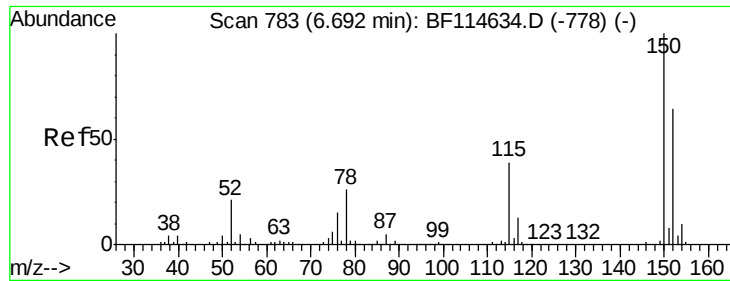
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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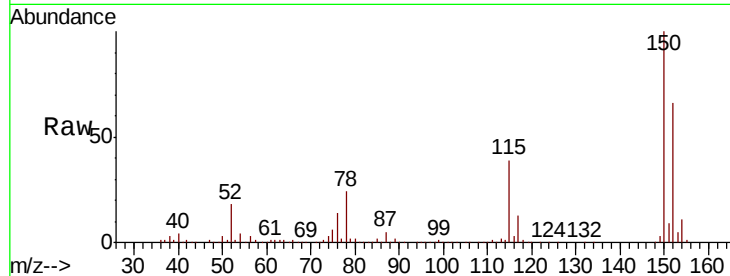


#1

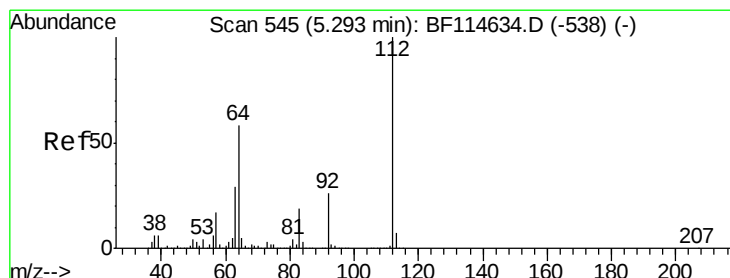
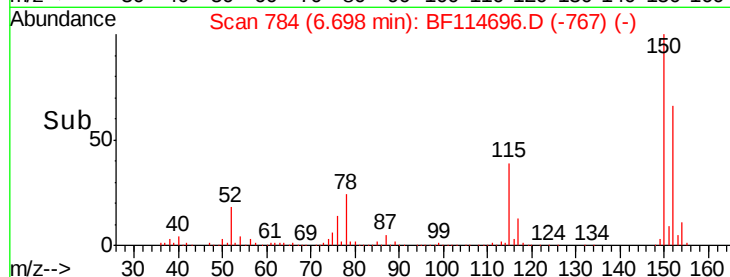
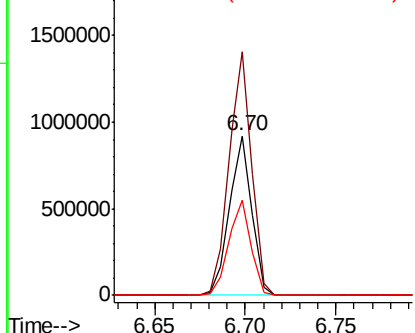
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF114696.D
 Acq: 31 May 2019 9:48

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BL

Tot Ion:152 Resp: 782051
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.3 186.5
 115 59.4 48.8 73.2



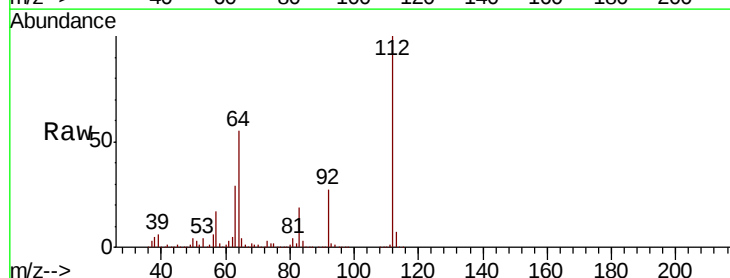
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



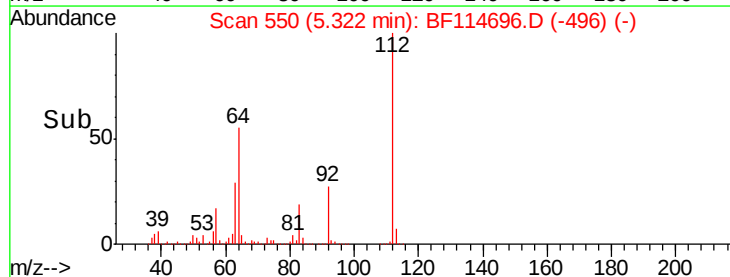
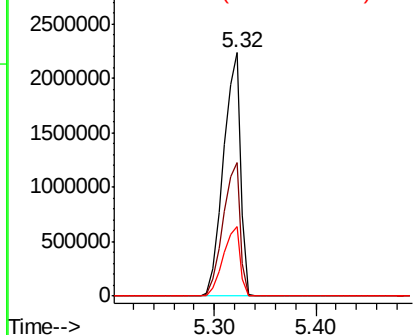
#5

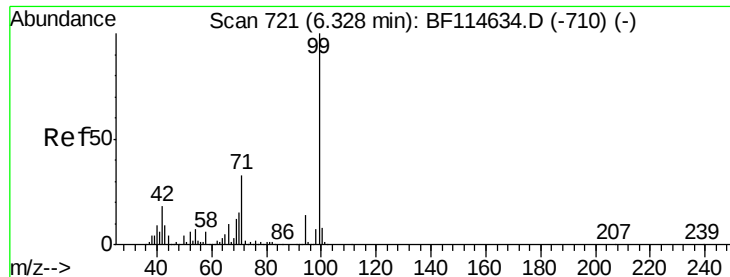
2-Fluorophenol
 Concen: 58.868 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.02 min
 Lab File: BF114696.D
 Acq: 31 May 2019 9:48

Tgt Ion:112 Resp: 2622162
 Ion Ratio Lower Upper
 112 100
 64 54.7 44.8 67.2
 63 28.8 23.0 34.6



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: 59.456 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114696.D

Acq: 31 May 2019 9:48

Instrument :

BNA_F

ClientSampleId :

PB119779BL

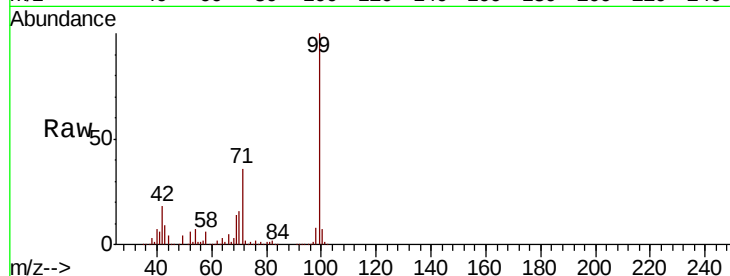
Tot Ion: 99 Resp: 3191378

Ion Ratio Lower Upper

99 100

42 18.3 14.1 21.1

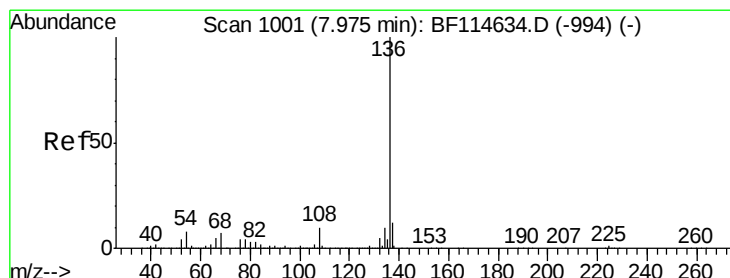
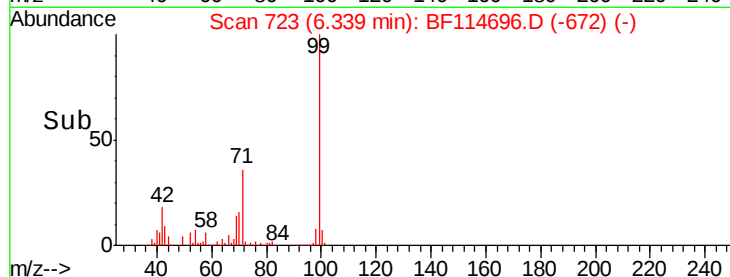
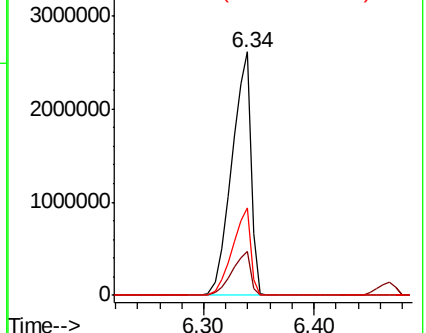
71 36.0 27.3 40.9



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF114696.D

Acq: 31 May 2019 9:48

Tgt Ion: 136 Resp: 3058545

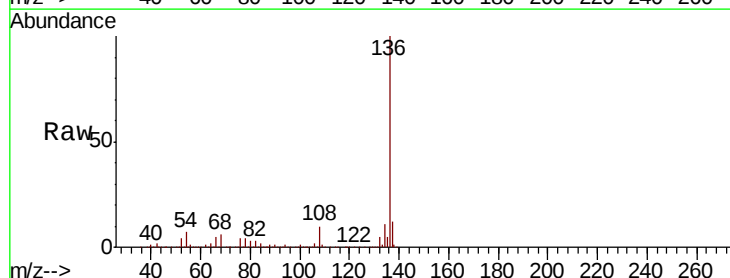
Ion Ratio Lower Upper

136 100

137 12.2 9.1 13.7

54 7.1 5.2 7.8

68 6.1 4.6 6.8

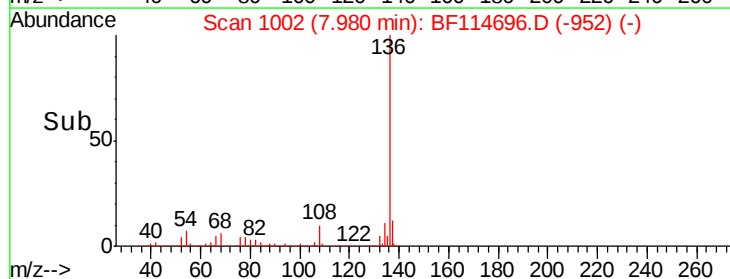
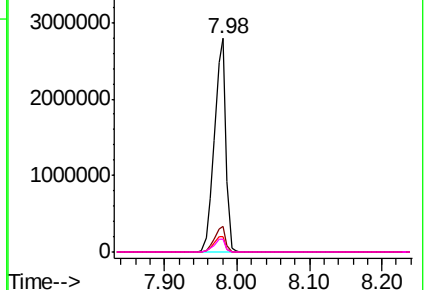


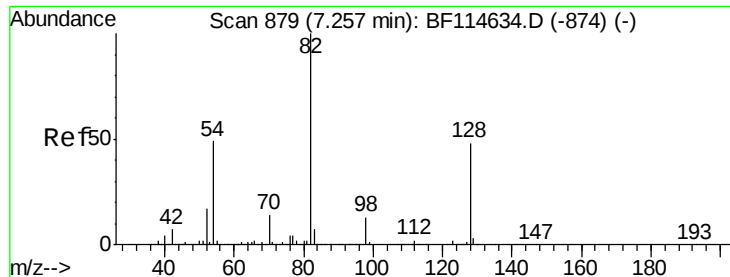
Abundance Ion 136.00 (135.70 to 136.70): E

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

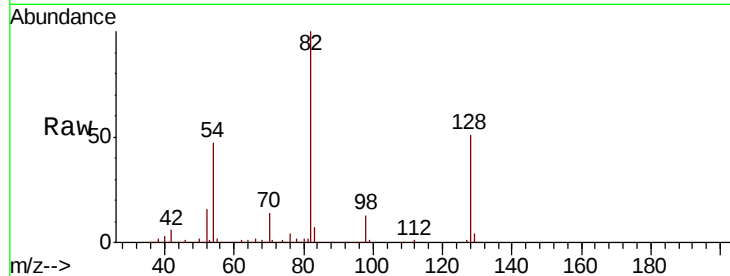




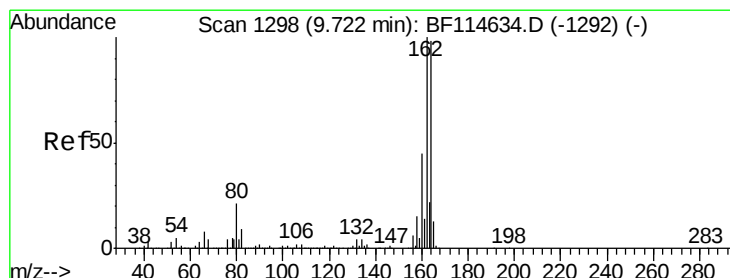
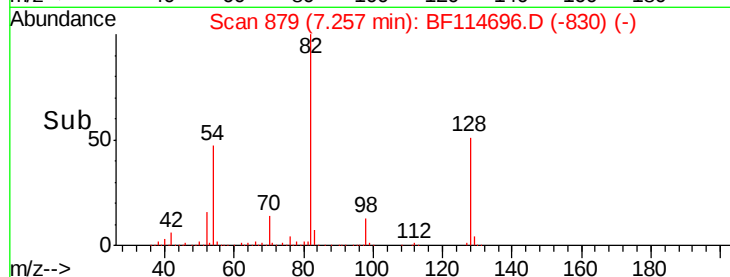
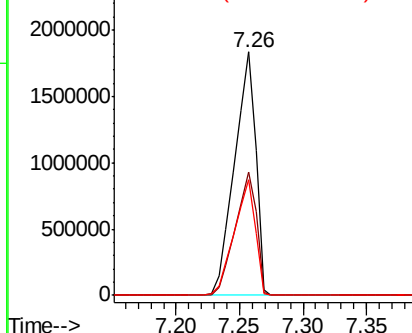
#23
Nitrobenzene-d5
Concen: 43.002 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

Instrument :
BNA_F
ClientSampleId :
PB119779BL

Tot Ion: 82 Resp: 2108099
Ion Ratio Lower Upper
82 100
128 50.6 41.7 62.5
54 47.3 37.5 56.3

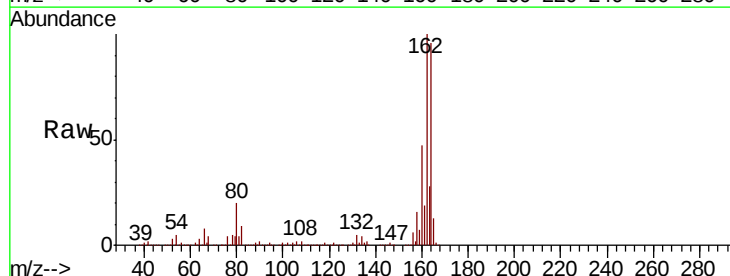


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

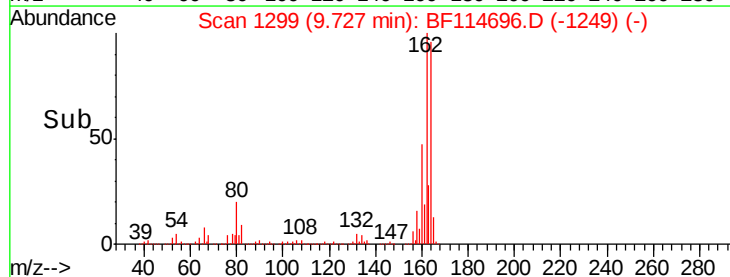
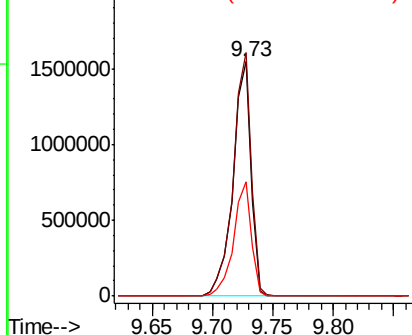


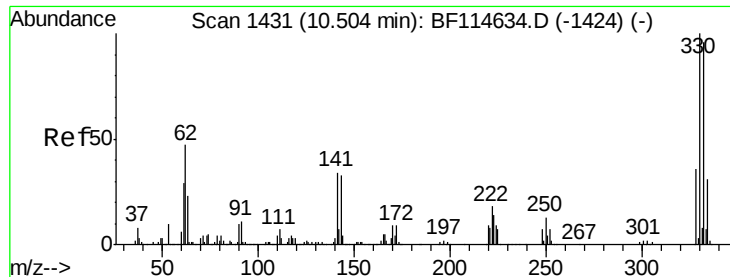
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

Tgt Ion: 164 Resp: 1608237
Ion Ratio Lower Upper
164 100
162 103.9 83.0 124.4
160 48.6 38.2 57.2



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

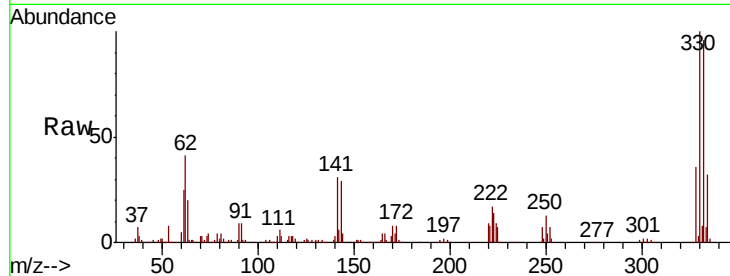




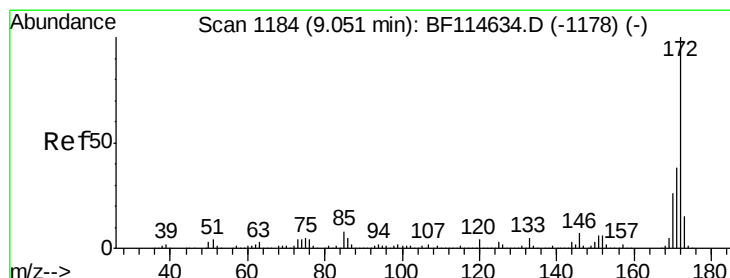
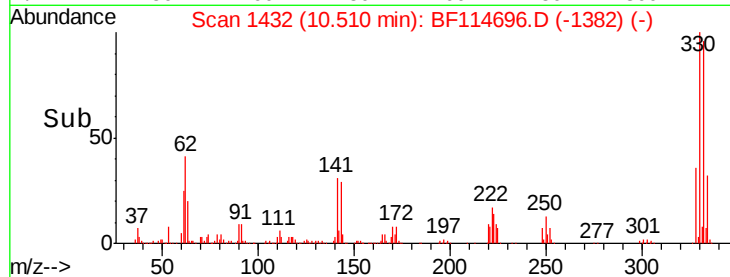
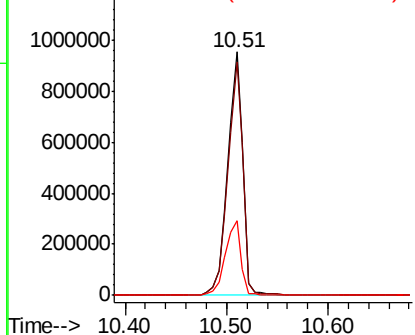
#42
 2,4,6-Tribromophenol
 Concen: 64.680 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF114696.D
 Acq: 31 May 2019 9:48

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BL

Tot Ion:330 Resp: 991159
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 31.8 26.2 39.2

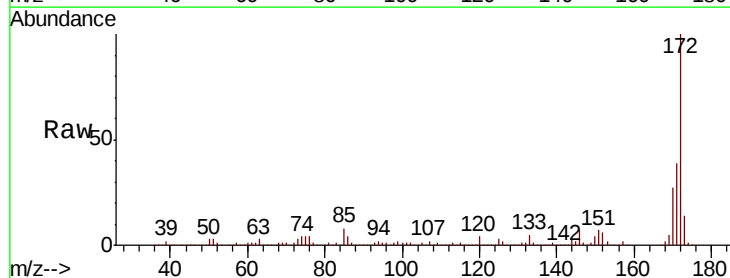


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

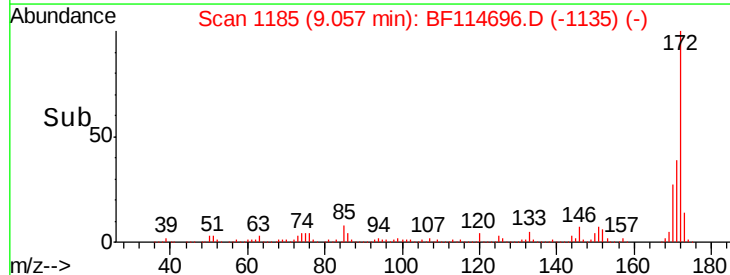
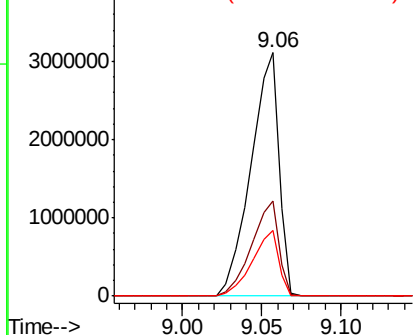


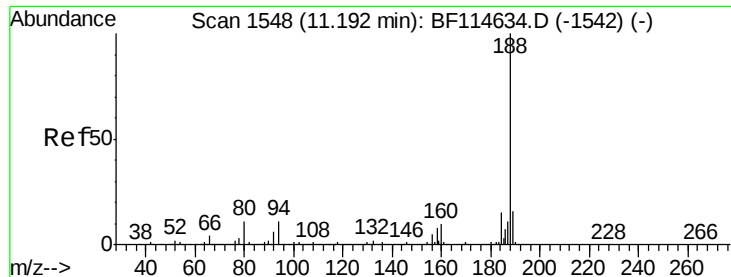
#45
 2-Fluorobiphenyl
 Concen: 35.713 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF114696.D
 Acq: 31 May 2019 9:48

Tgt Ion:172 Resp: 3851883
 Ion Ratio Lower Upper
 172 100
 171 39.3 31.6 47.4
 170 26.7 21.5 32.3



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

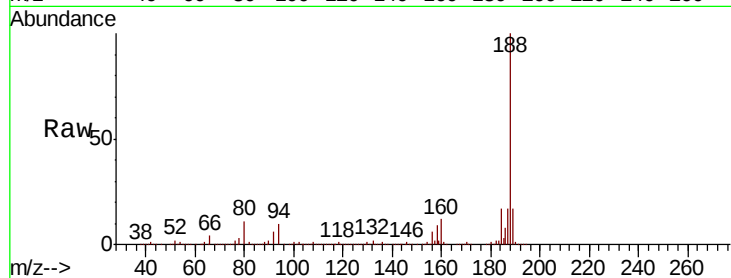




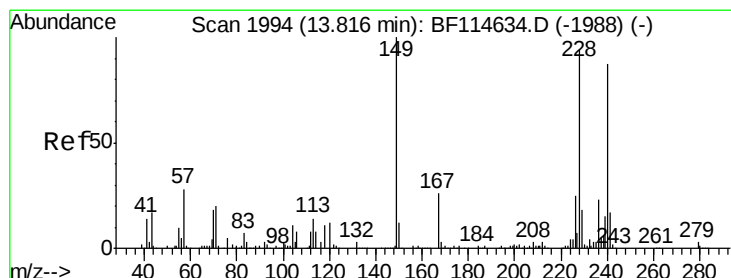
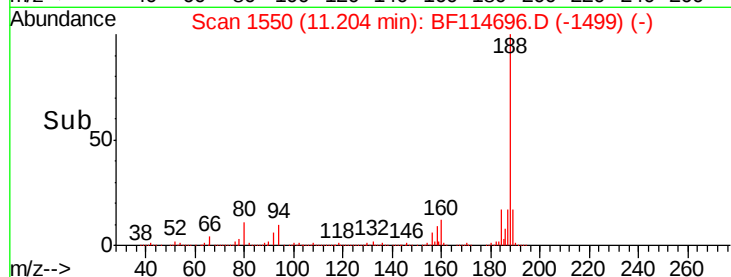
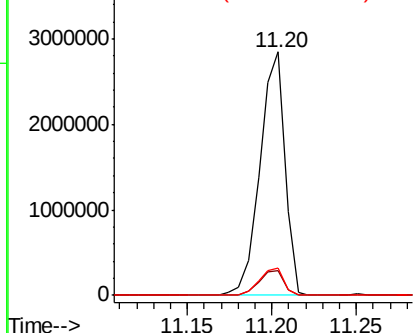
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

Instrument :
BNA_F
ClientSampleId :
PB119779BL

Tot Ion:188 Resp: 2934162
Ion Ratio Lower Upper
188 100
94 10.3 7.6 11.4
80 11.0 8.2 12.2

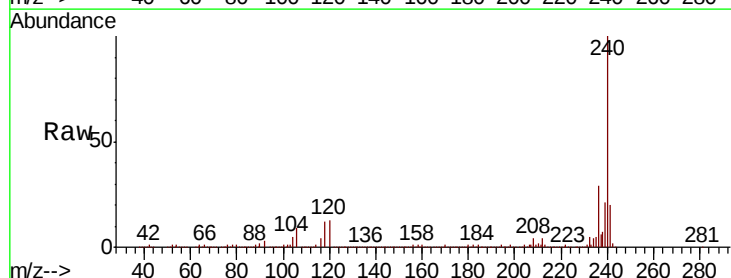


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

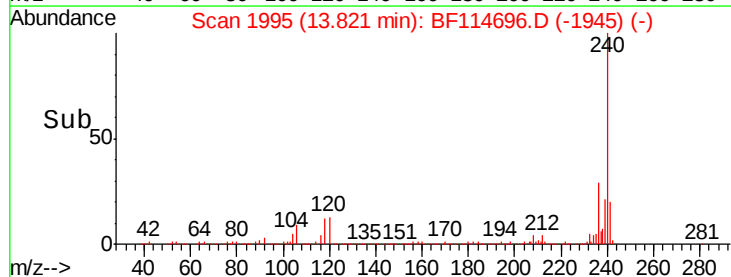
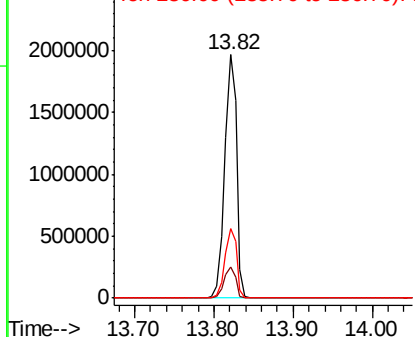


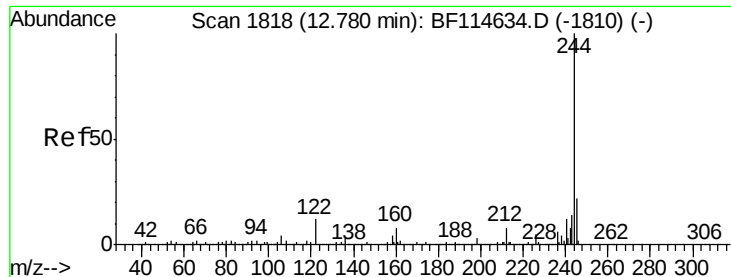
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

Tgt Ion:240 Resp: 2035001
Ion Ratio Lower Upper
240 100
120 13.0 10.8 16.2
236 28.8 21.9 32.9



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: 35.561 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF114696.D

Acq: 31 May 2019 9:48

Instrument :

BNA_F

ClientSampleId :

PB119779BL

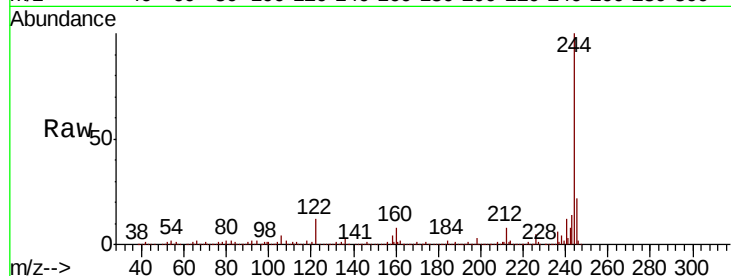
Tot Ion:244 Resp: 3849005

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

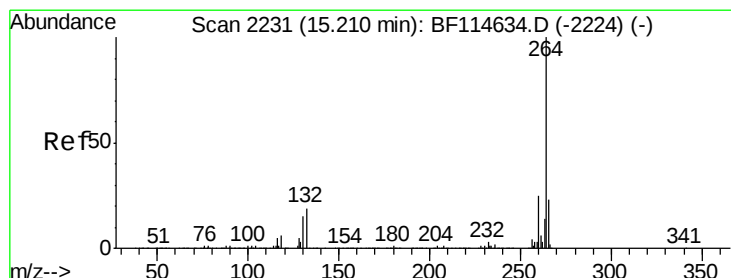
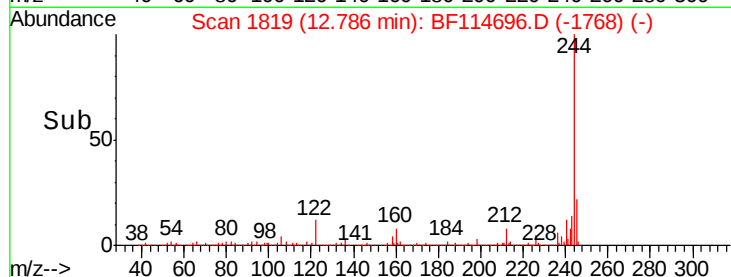
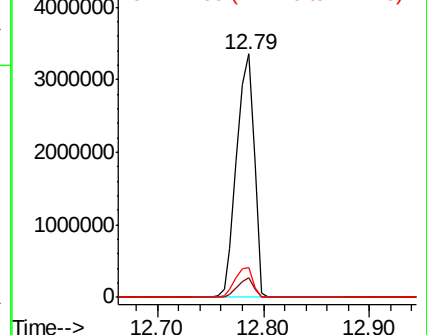
122 12.0 10.2 15.2



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: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF114696.D

Acq: 31 May 2019 9:48

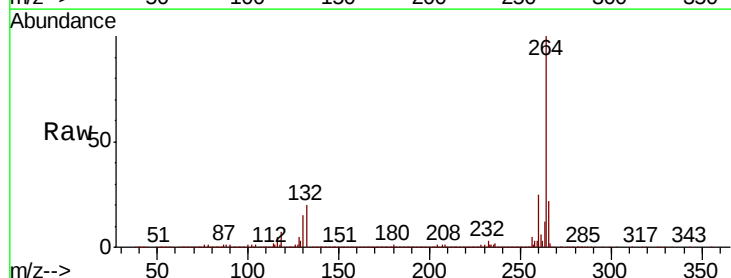
Tgt Ion:264 Resp: 1790744

Ion Ratio Lower Upper

264 100

260 25.1 20.3 30.5

265 22.0 18.0 27.0



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

