

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113384.D
 Acq On : 28 Mar 2019 20:03
 Operator : JU/SJ
 Sample : K2121-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Mar 29 02:52:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	175012	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	670771	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	342393	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	739560	20.00	ng	0.00
76) Chrysene-d12	13.84	240	713024	20.00	ng	0.00
87) Perylene-d12	15.24	264	582163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	633413	59.18	ng	0.00
7) Phenol-d6	6.35	99	543451	40.14	ng	-0.01
23) Nitrobenzene-d5	7.26	82	969612	85.80	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	515946	121.99	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1753600	79.04	ng	0.00
79) Terphenyl-d14	12.79	244	2228209	68.88	ng	0.00

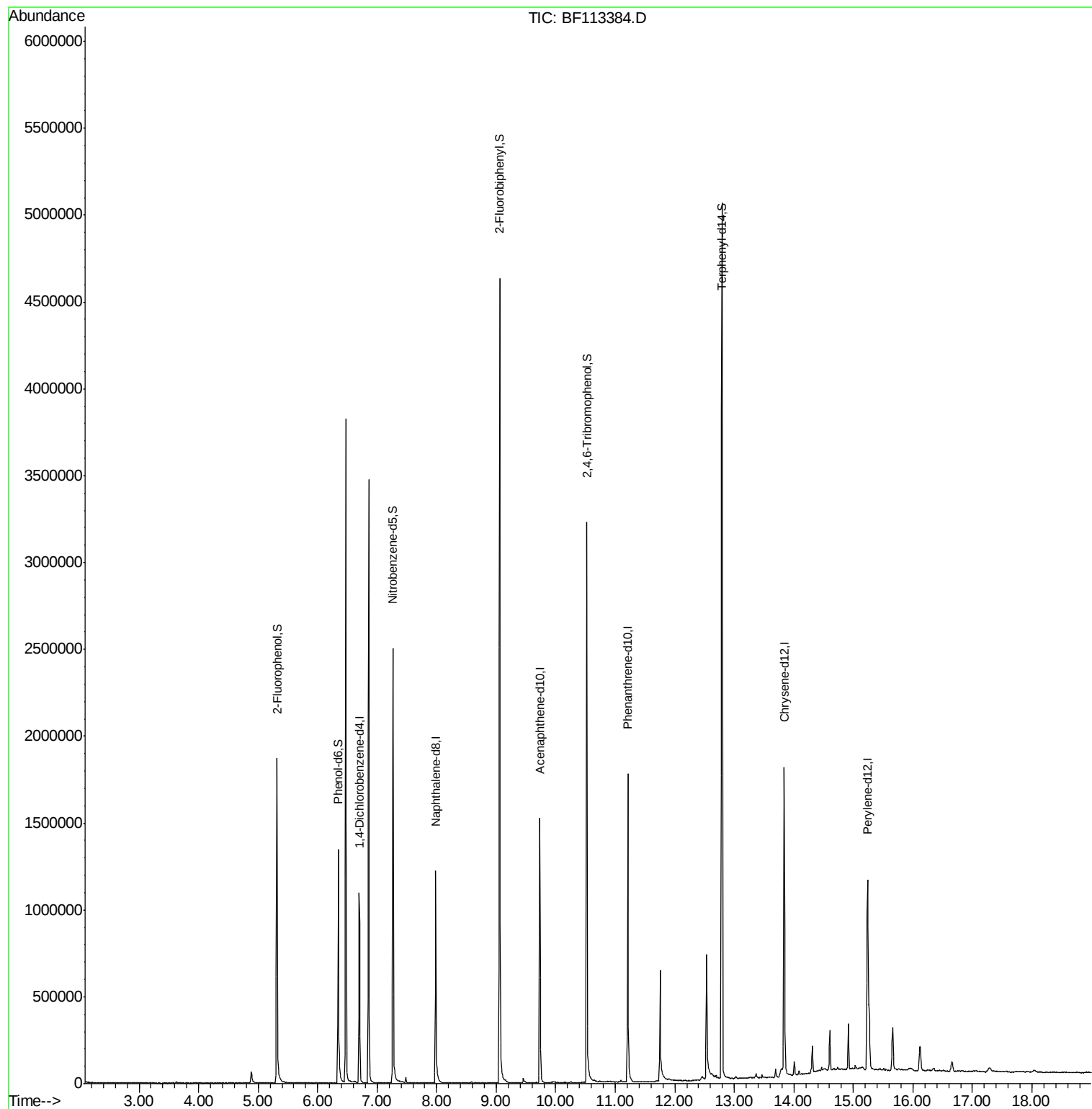
Target Compounds Qvalue

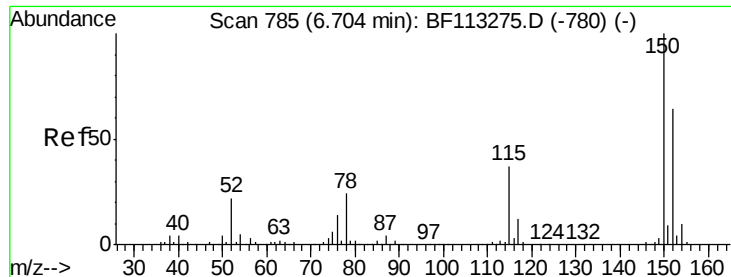
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF113384.D

Acq: 28 Mar 2019 20:03

Instrument :

BNA_F

ClientSampleId :

MW-9

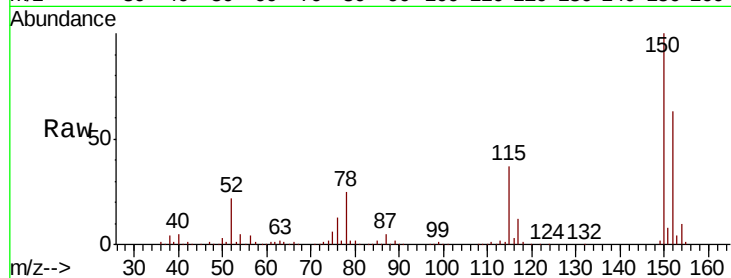
Tot Ion:152 Resp: 175012

Ion Ratio Lower Upper

152 100

150 158.3 124.7 187.1

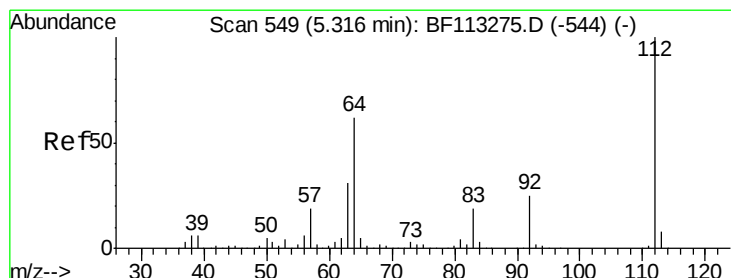
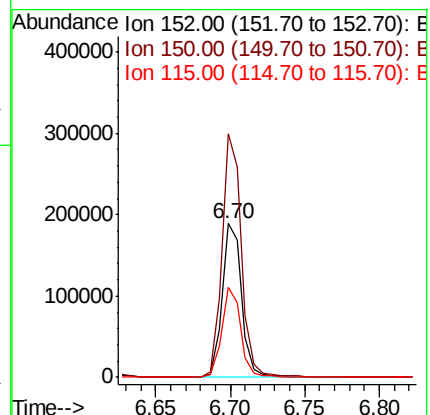
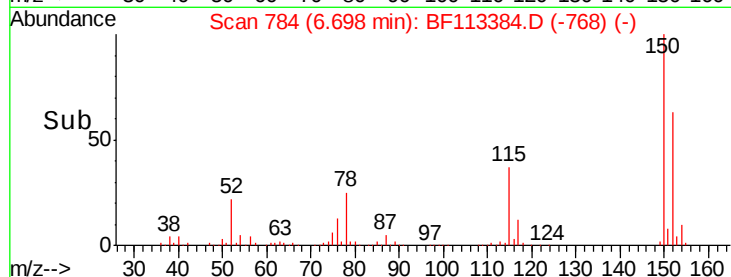
115 58.4 46.0 69.0



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: 59.179 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113384.D

Acq: 28 Mar 2019 20:03

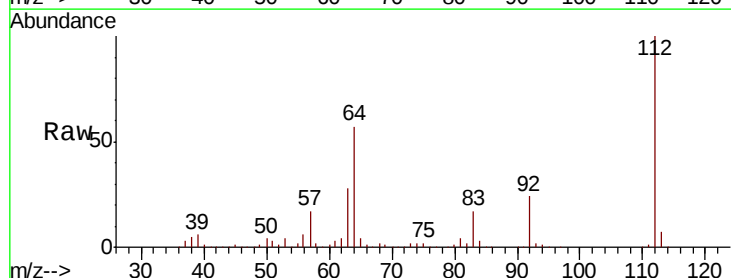
Tgt Ion:112 Resp: 633413

Ion Ratio Lower Upper

112 100

64 56.6 49.2 73.8

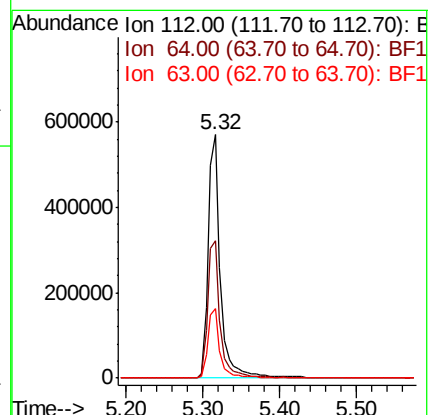
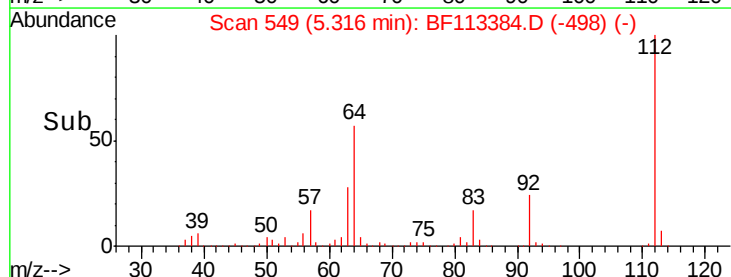
63 28.3 24.9 37.3

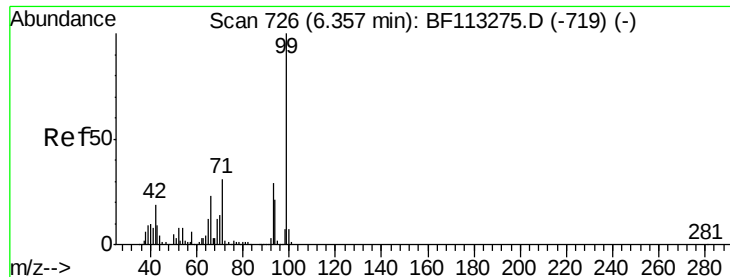


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 40.136 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113384.D

Acq: 28 Mar 2019 20:03

Instrument :

BNA_F

ClientSampleId :

MW-9

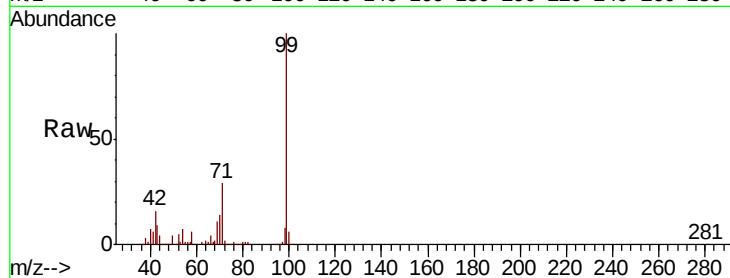
Tot Ion: 99 Resp: 543451

Ion Ratio Lower Upper

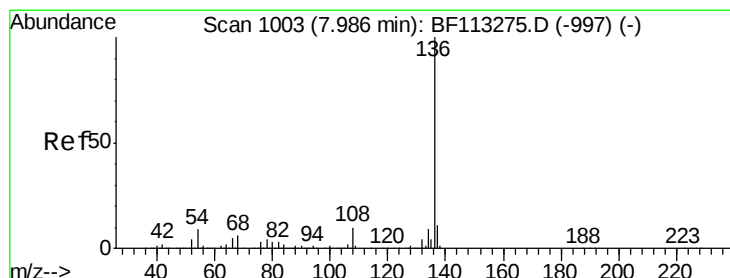
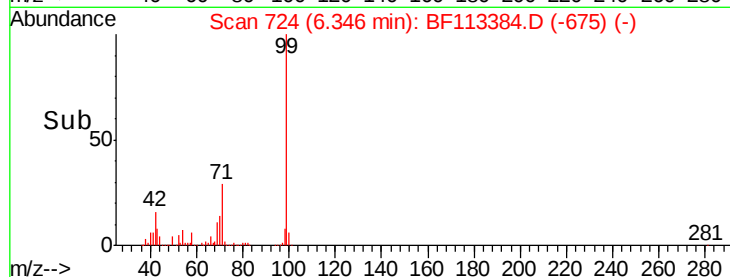
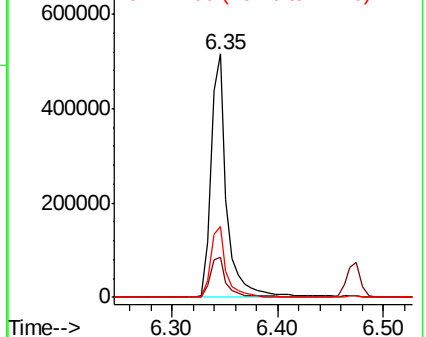
99 100

42 16.2 14.8 22.2

71 29.2 24.9 37.3



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: BF113384.D

Acq: 28 Mar 2019 20:03

Tgt Ion: 136 Resp: 670771

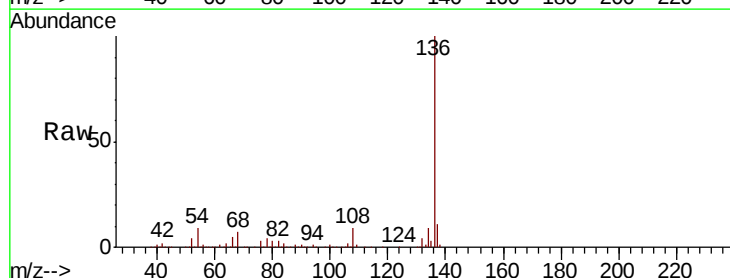
Ion Ratio Lower Upper

136 100

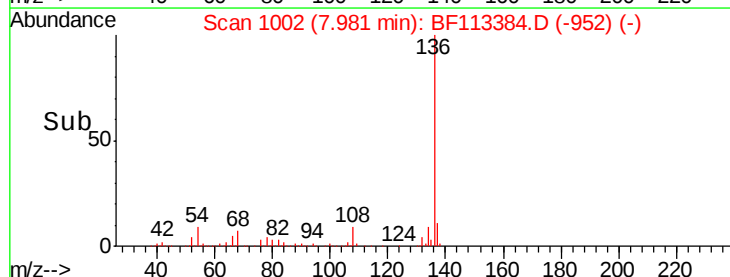
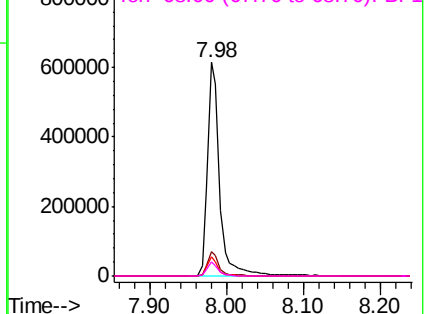
137 11.2 8.9 13.3

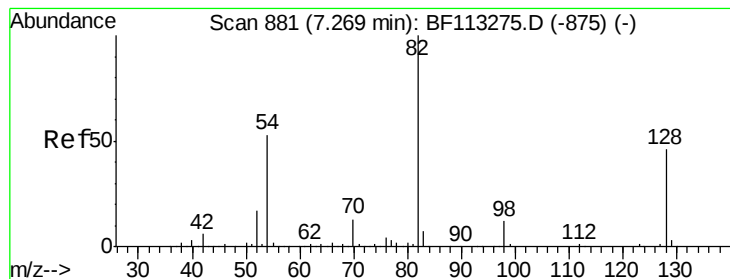
54 8.7 7.0 10.6

68 6.5 4.8 7.2



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: 85.797 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF113384.D

Acq: 28 Mar 2019 20:03

Instrument :

BNA_F

ClientSampled :

MW-9

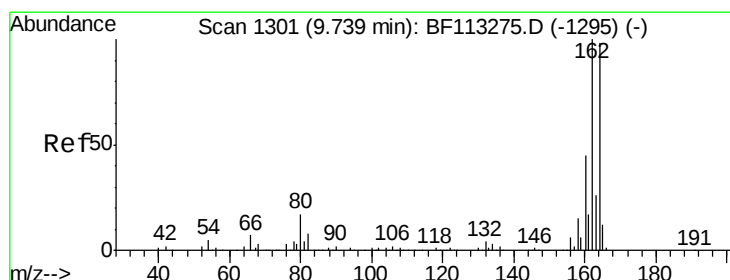
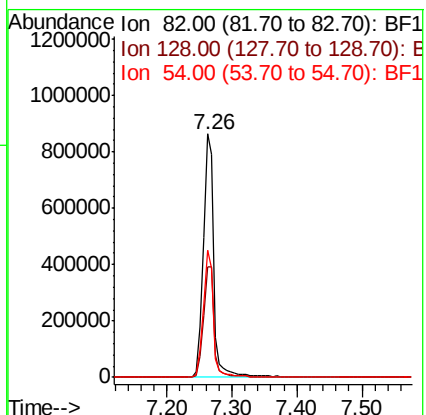
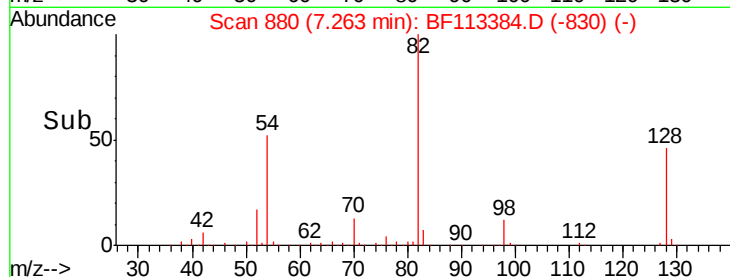
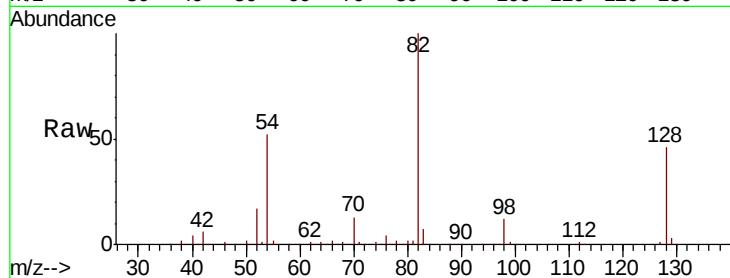
Tot Ion: 82 Resp: 969612

Ion Ratio Lower Upper

82 100

128 45.5 36.5 54.7

54 52.0 42.2 63.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113384.D

Acq: 28 Mar 2019 20:03

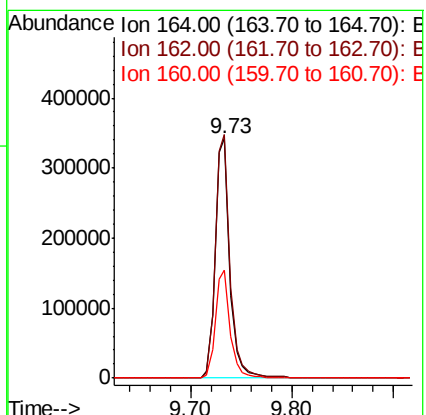
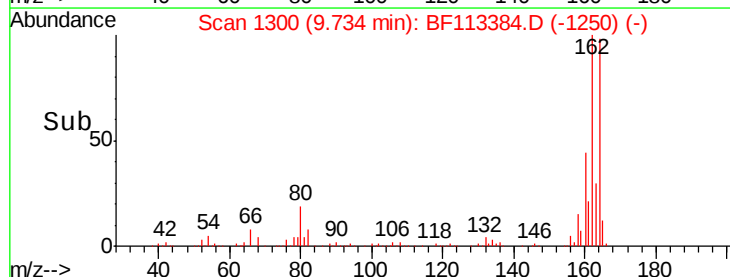
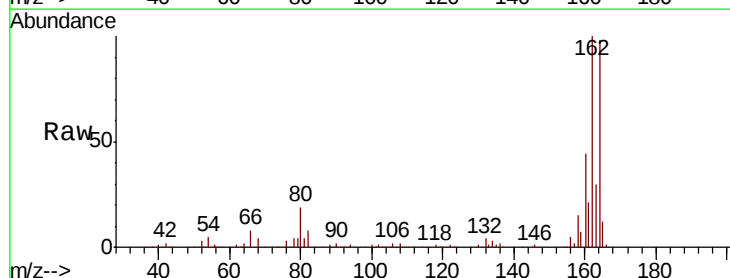
Tgt Ion:164 Resp: 342393

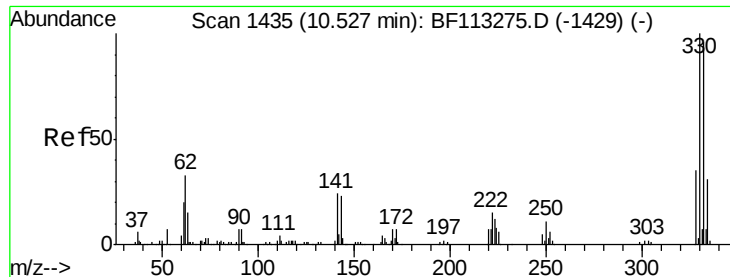
Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.6

160 45.2 36.4 54.6

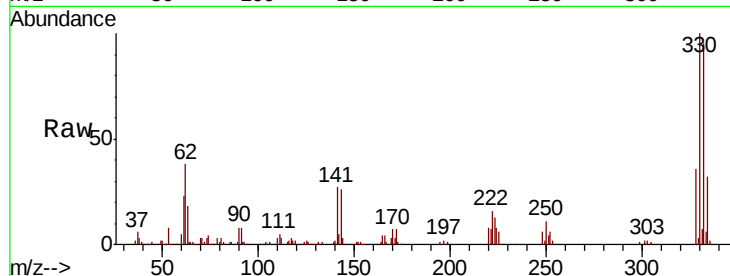




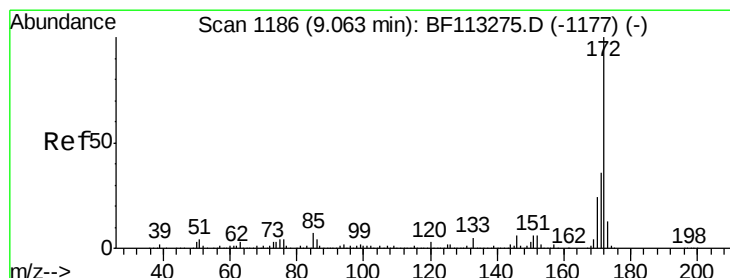
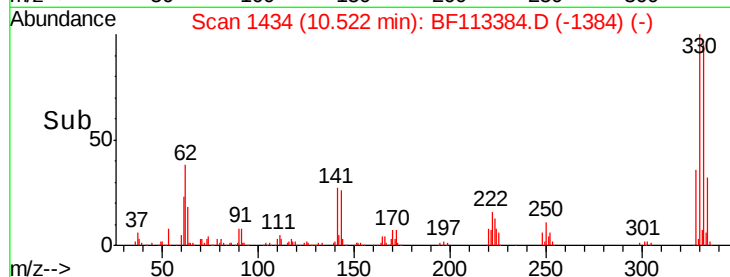
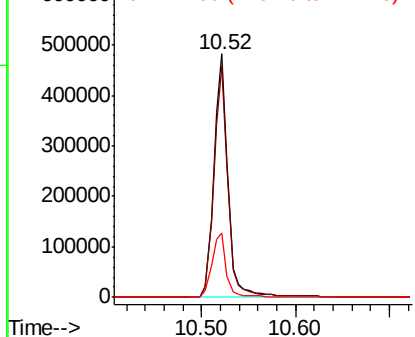
#42
 2,4,6-Tribromophenol
 Concen: 121.992 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113384.D
 Acq: 28 Mar 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tot Ion:330 Resp: 515946
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 27.5 22.7 34.1

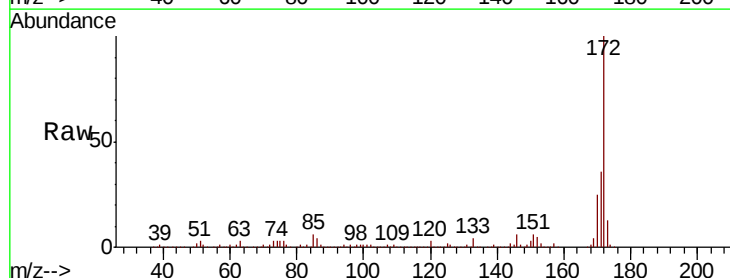


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

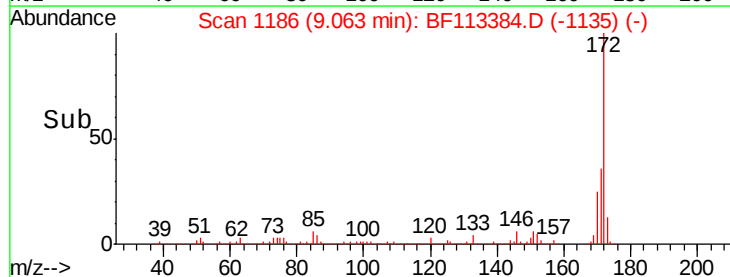
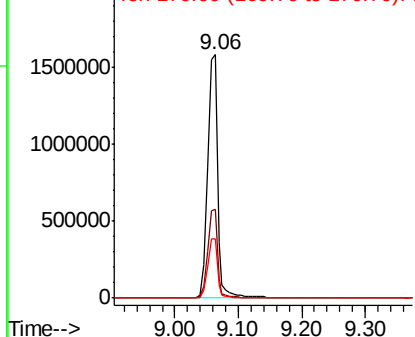


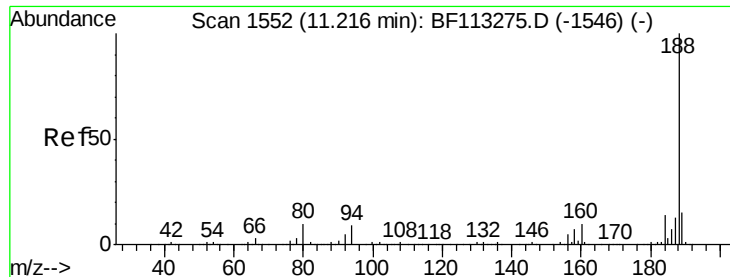
#45
 2-Fluorobiphenyl
 Concen: 79.036 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113384.D
 Acq: 28 Mar 2019 20:03

Tgt Ion:172 Resp: 1753600
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.6 19.5 29.3



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

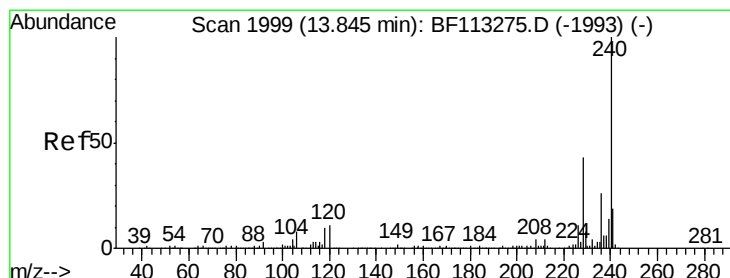
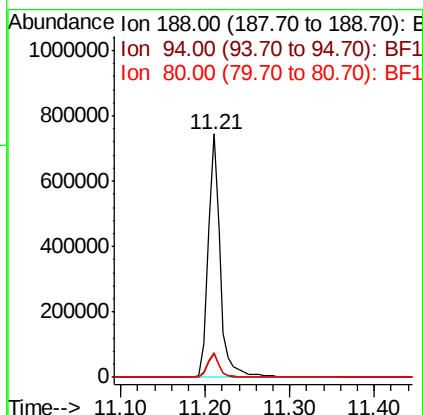
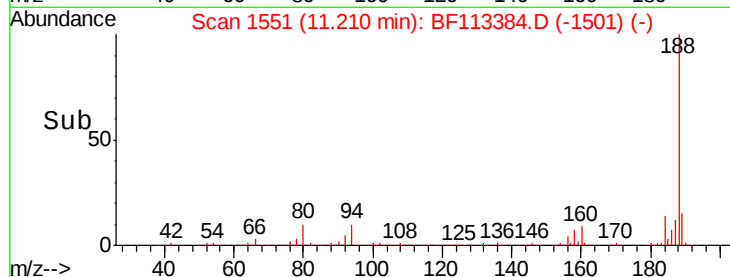
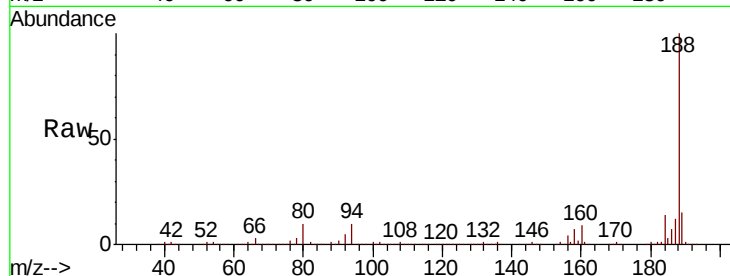




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113384.D
Acq: 28 Mar 2019 20:03

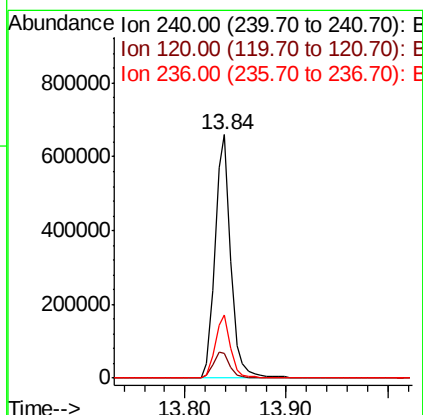
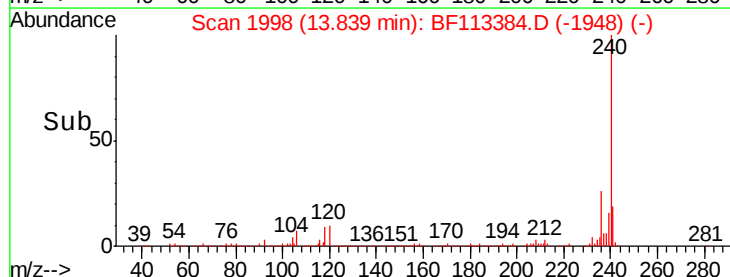
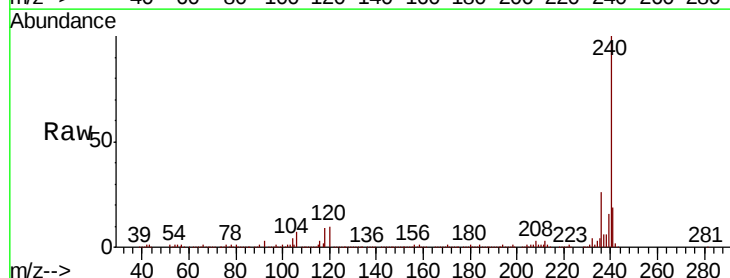
Instrument :
BNA_F
ClientSampleId :
MW-9

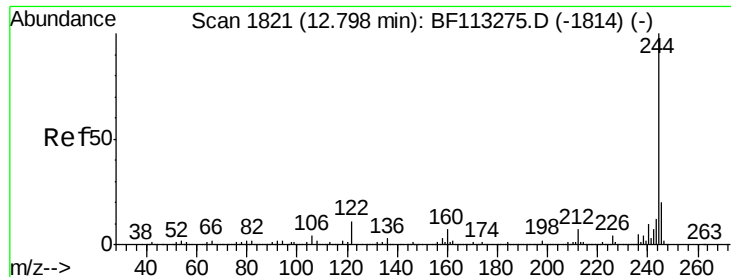
Tot Ion:188 Resp: 739560
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113384.D
Acq: 28 Mar 2019 20:03

Tgt Ion:240 Resp: 713024
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.1 20.9 31.3



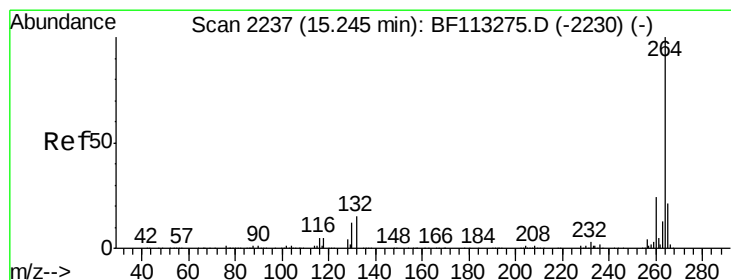
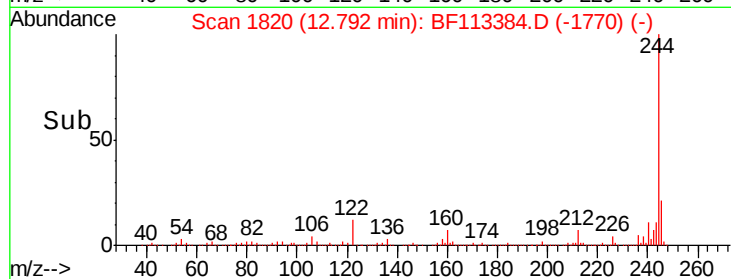
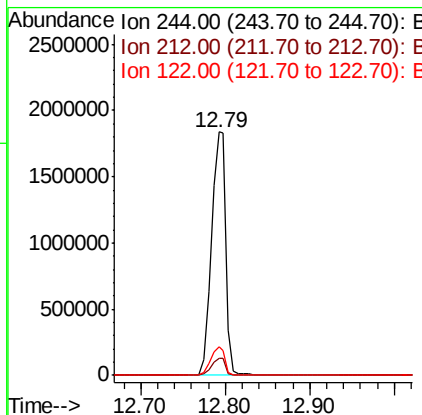
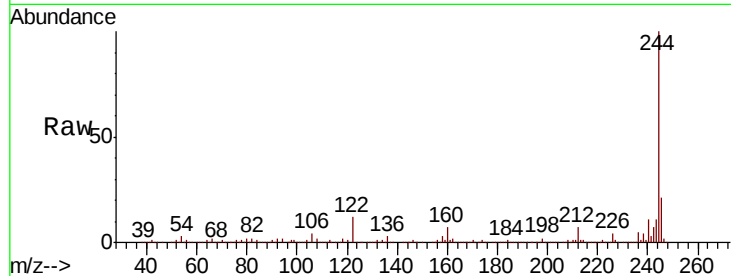


#79
 Terphenyl-d14
 Concen: 68.881 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113384.D
 Acq: 28 Mar 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tot Ion:244 Resp: 2228209

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	11.9	8.6	13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113384.D
 Acq: 28 Mar 2019 20:03

Tgt Ion:264 Resp: 582163

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.8	17.1	25.7

