

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114766.D
 Acq On : 1 Jun 2019 20:15
 Operator : HP/JU
 Sample : K3105-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101-102

Quant Time: Jun 03 04:35:56 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	6.69	152	359177	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1285472	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	554689	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	959165	20.00	ng	0.00
76) Chrysene-d12	13.82	240	792435	20.00	ng	0.00
87) Perylene-d12	15.20	264	657424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2463999	120.44	ng	0.03
7) Phenol-d6	6.33	99	2720186	110.34	ng	0.00
23) Nitrobenzene-d5	7.26	82	1969537	95.59	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	735428	139.15	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3424007	123.14	ng	0.00
79) Terphenyl-d14	12.78	244	3108539	73.75	ng	0.00

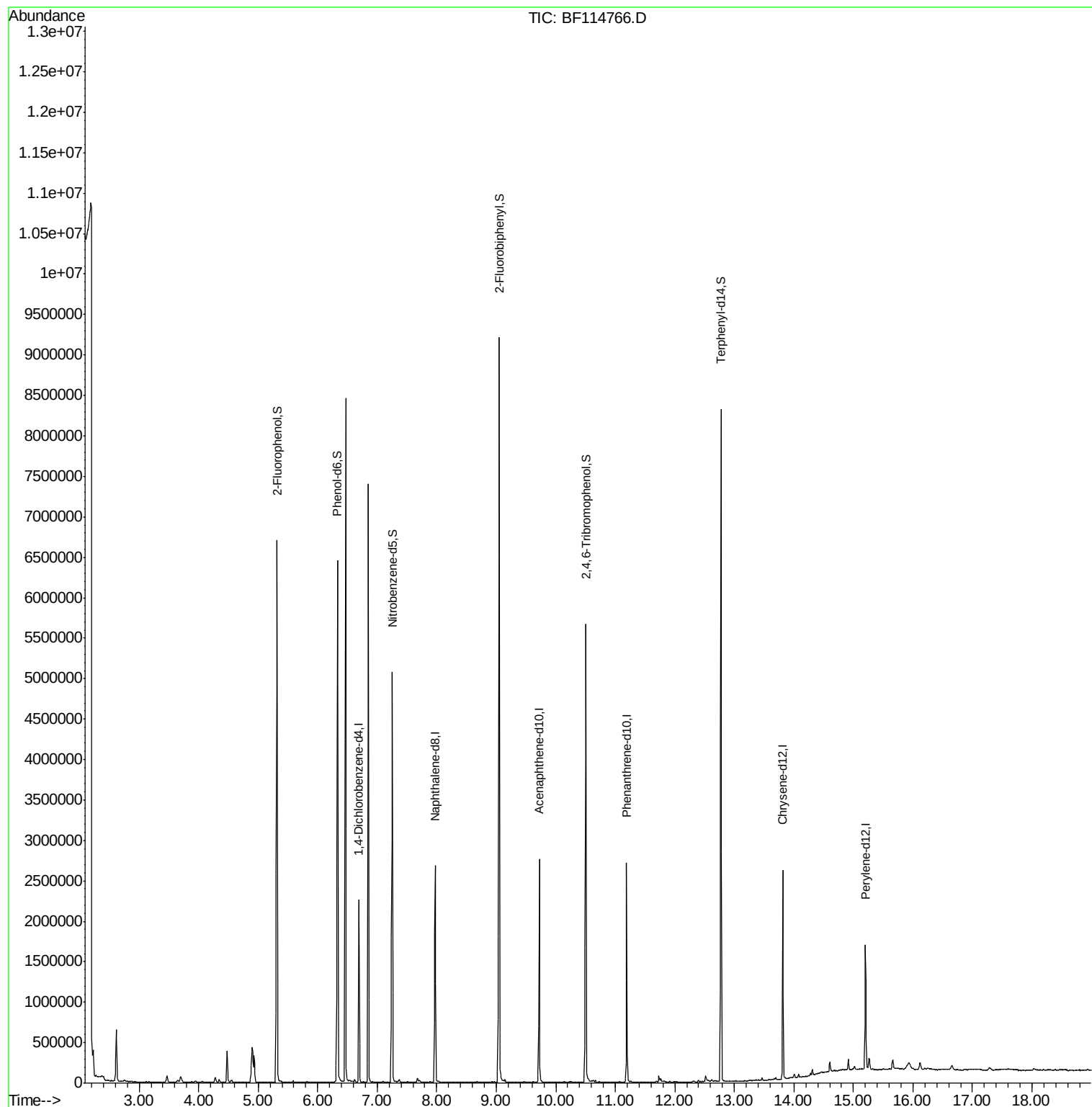
Target Compounds Qvalue

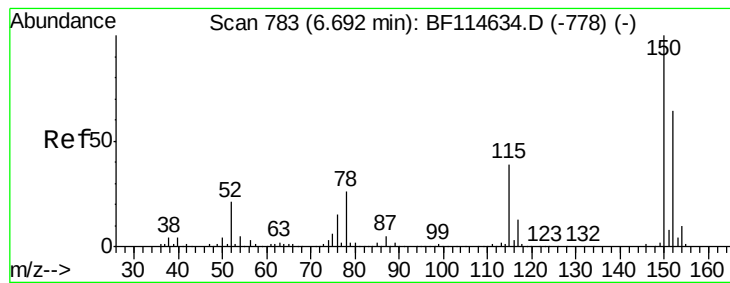
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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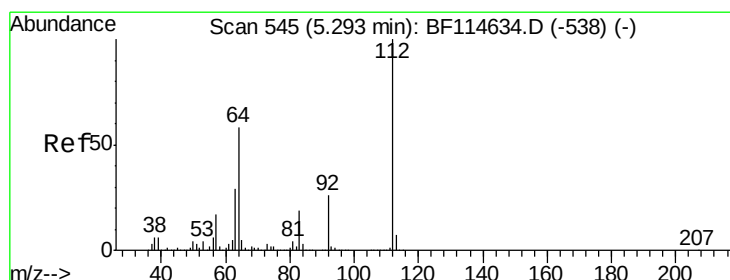
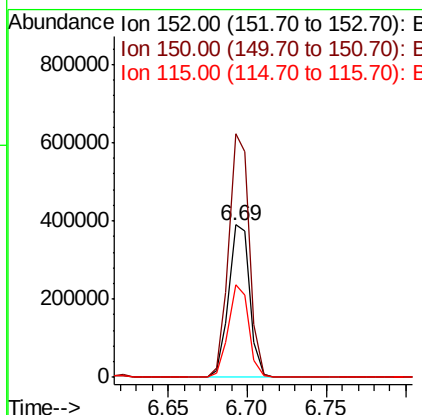
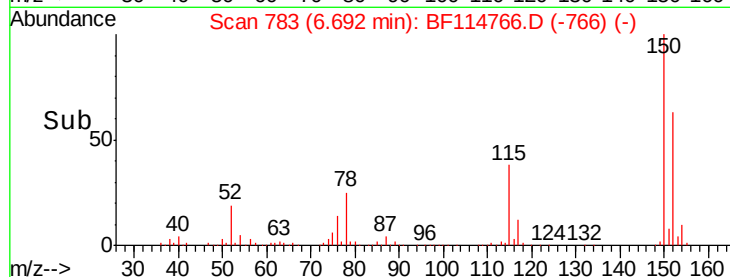
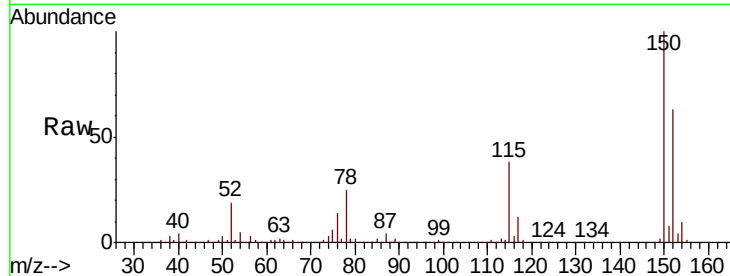


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114766.D
Acq: 1 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
101-102

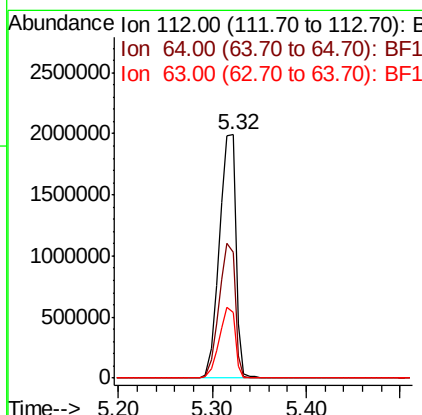
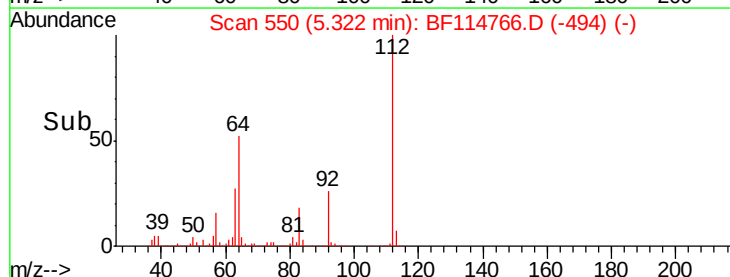
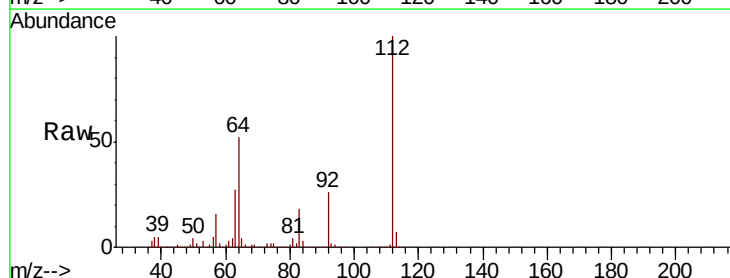
Tot Ion:152 Resp: 359177
Ion Ratio Lower Upper
152 100
150 159.5 124.4 186.6
115 60.9 48.7 73.1

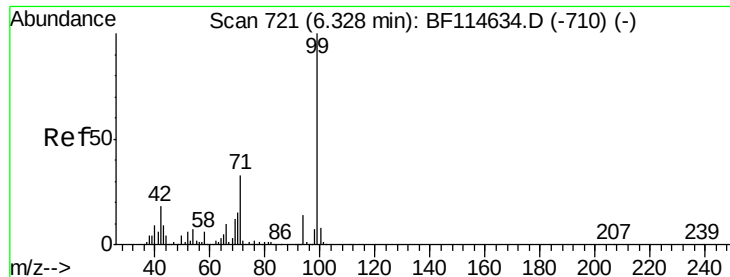


#5

2-Fluorophenol
Concen: 120.444 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.03 min
Lab File: BF114766.D
Acq: 1 Jun 2019 20:15

Tgt Ion:112 Resp: 2463999
Ion Ratio Lower Upper
112 100
64 51.7 46.1 69.1
63 27.2 23.4 35.2





#7

Phenol-d6

Concen: 110.343 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114766.D

Acq: 1 Jun 2019 20:15

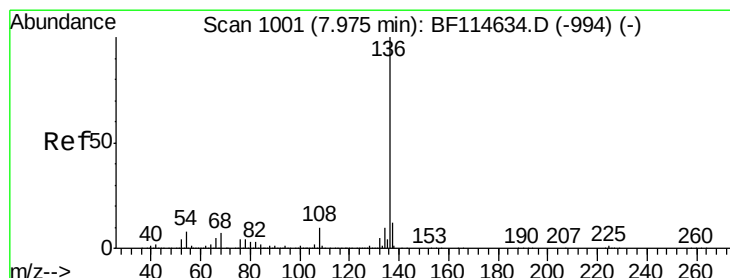
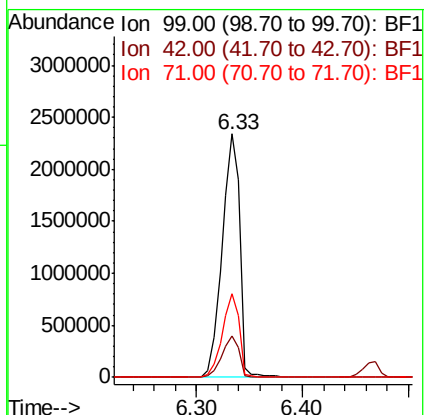
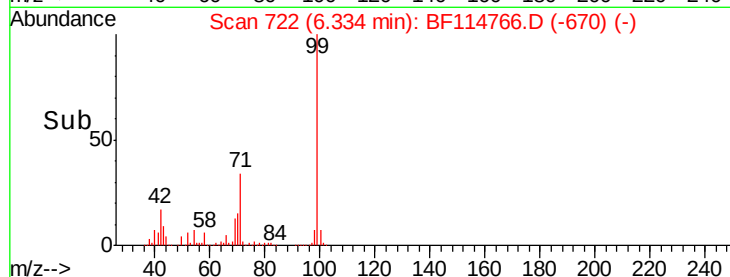
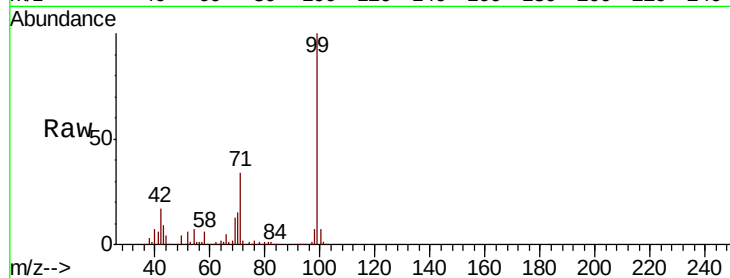
Instrument :

BNA_F

ClientSampleId :
101-102

Tot Ion: 99 Resp: 2720186

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.7	22.1
71	34.5	26.6	40.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

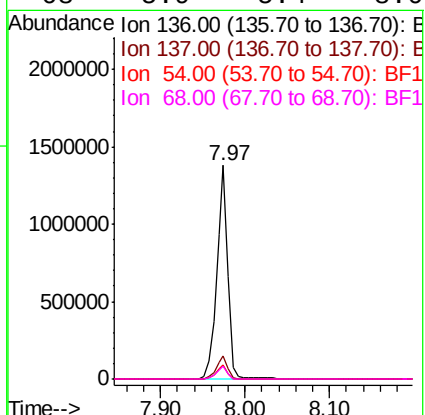
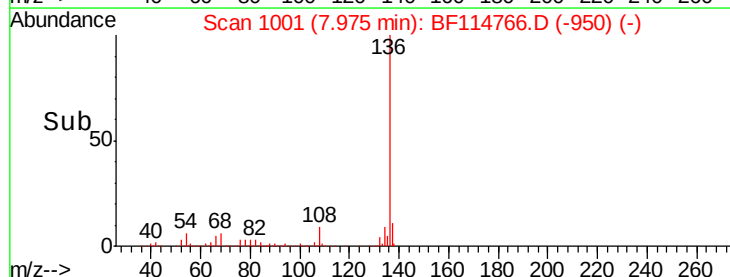
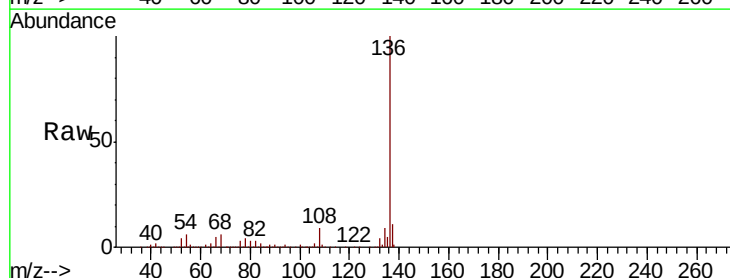
Delta R.T. 0.00 min

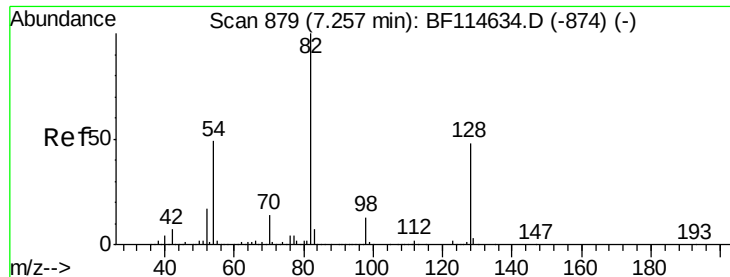
Lab File: BF114766.D

Acq: 1 Jun 2019 20:15

Tgt Ion: 136 Resp: 1285472

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	6.4	6.3	9.5
68	5.9	5.4	8.0





#23

Nitrobenzene-d5

Concen: 95.590 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF114766.D

Acq: 1 Jun 2019 20:15

Instrument :

BNA_F

ClientSampled :

101-102

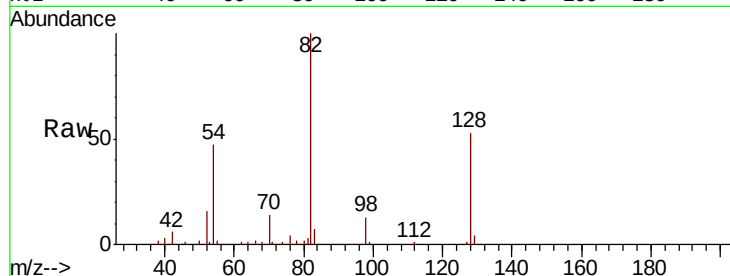
Tot Ion: 82 Resp: 1969537

Ion Ratio Lower Upper

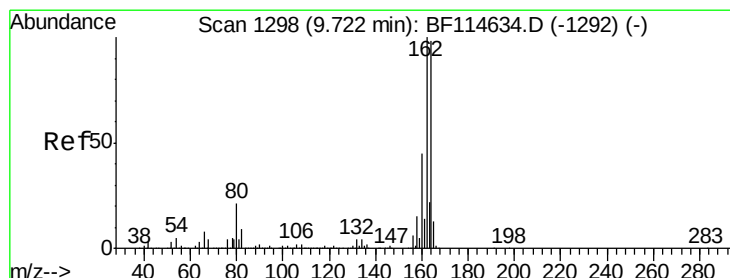
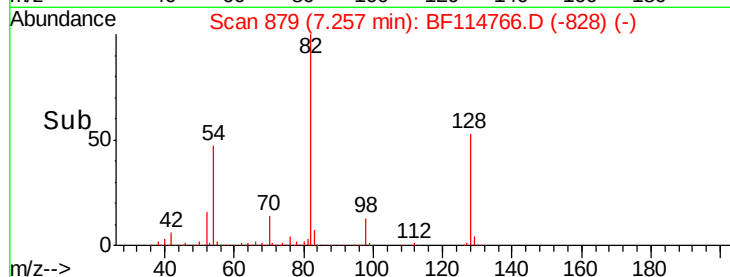
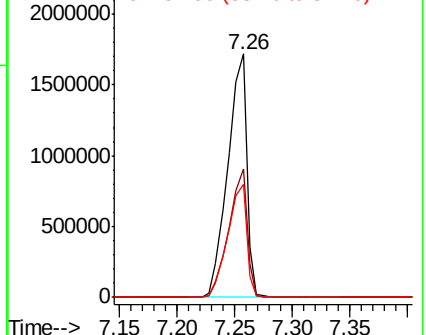
82 100

128 52.7 38.5 57.7

54 46.6 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: BF114766.D

Acq: 1 Jun 2019 20:15

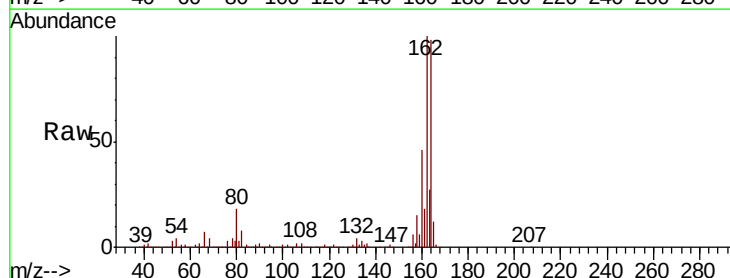
Tgt Ion:164 Resp: 554689

Ion Ratio Lower Upper

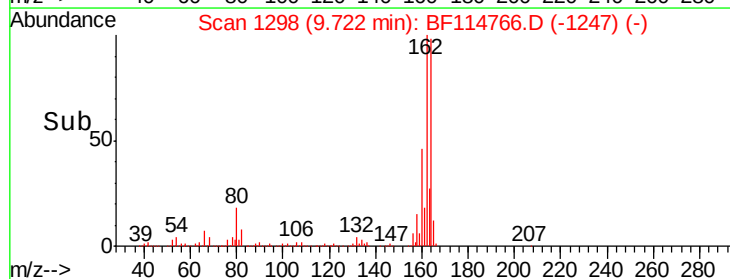
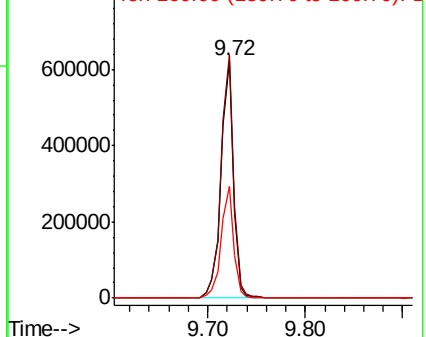
164 100

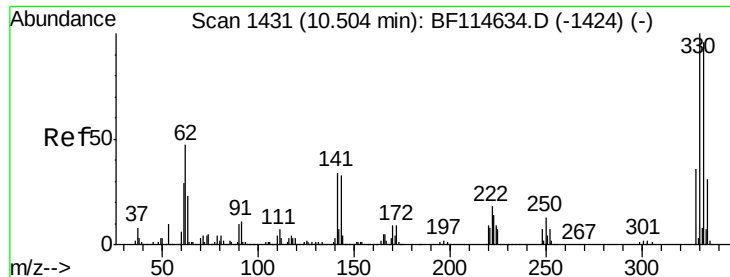
162 102.5 81.4 122.2

160 47.1 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

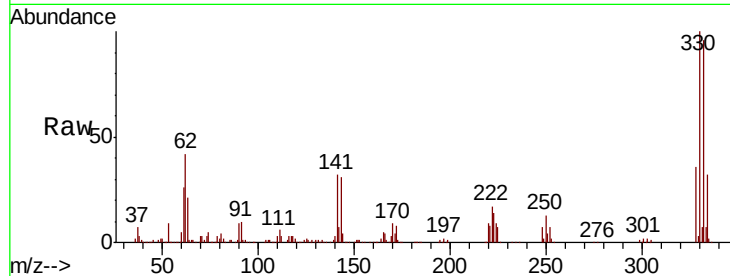




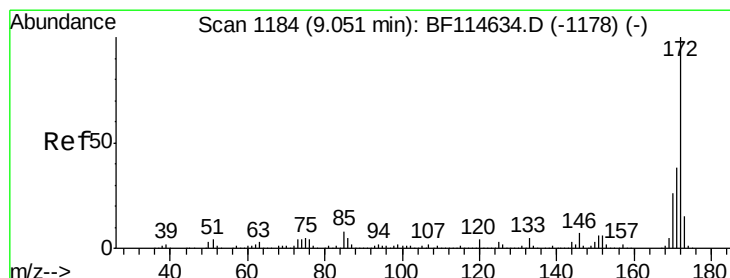
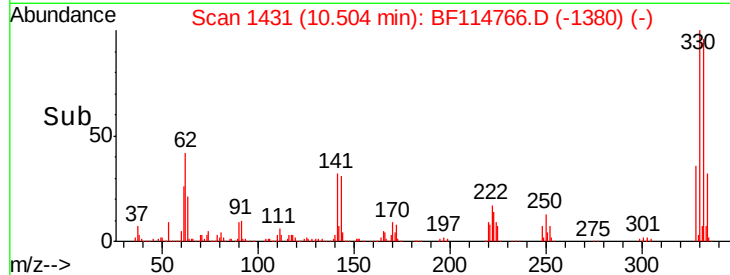
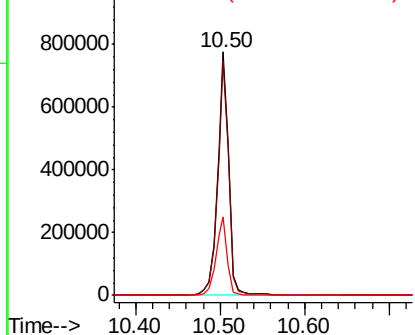
#42
 2,4,6-Tribromophenol
 Concen: 139.146 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114766.D
 Acq: 1 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 101-102

Tot Ion:330 Resp: 735428
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.8 113.8
 141 33.1 27.8 41.8

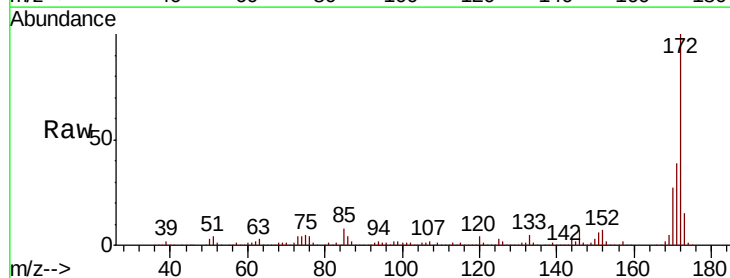


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

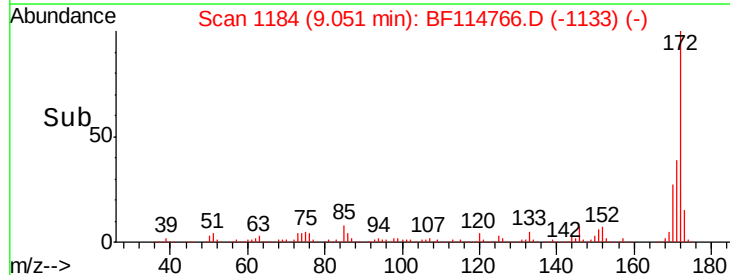
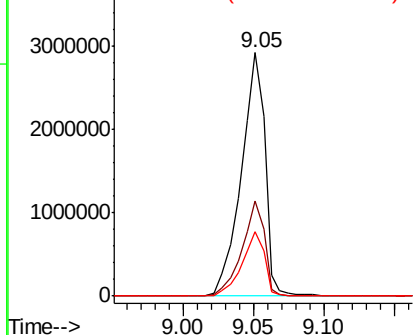


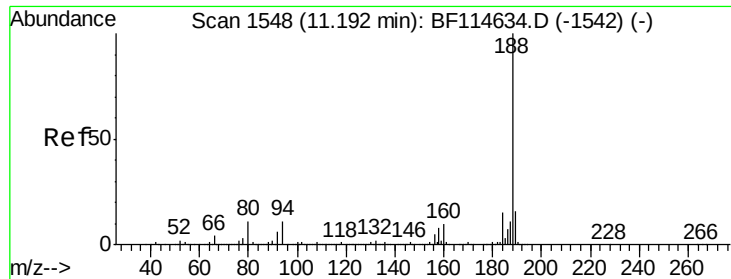
#45
 2-Fluorobiphenyl
 Concen: 123.135 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114766.D
 Acq: 1 Jun 2019 20:15

Tgt Ion:172 Resp: 3424007
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.6 45.8
 170 26.6 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: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF114766.D

Acq: 1 Jun 2019 20:15

Instrument :

BNA_F

ClientSampled :

101-102

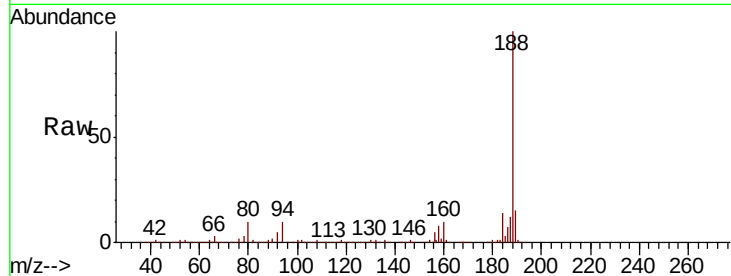
Tot Ion:188 Resp: 959165

Ion Ratio Lower Upper

188 100

94 9.8 8.6 13.0

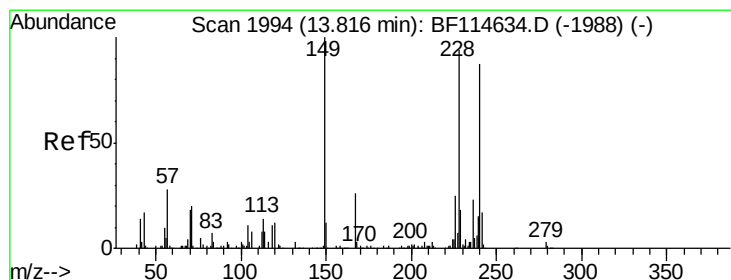
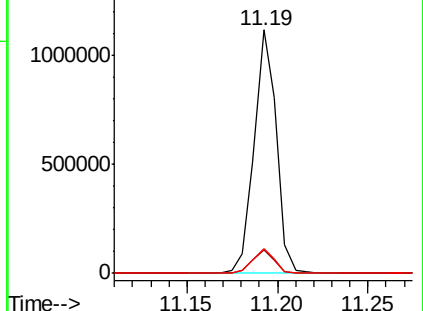
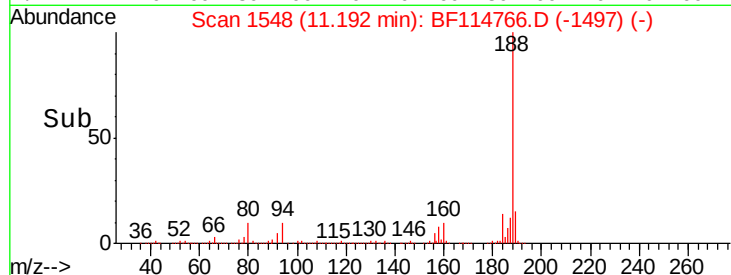
80 10.0 9.0 13.6



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# 1994

Delta R.T. 0.00 min

Lab File: BF114766.D

Acq: 1 Jun 2019 20:15

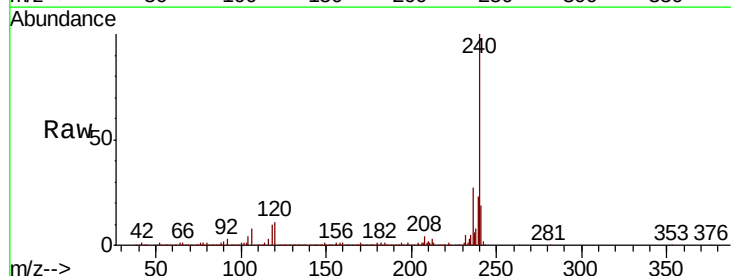
Tgt Ion:240 Resp: 792435

Ion Ratio Lower Upper

240 100

120 11.2 11.2 16.8#

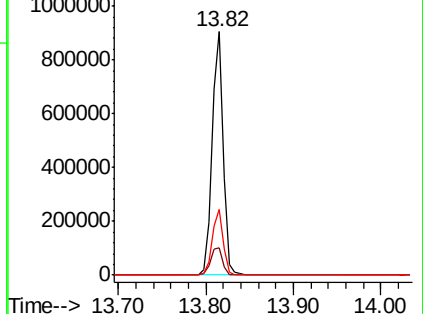
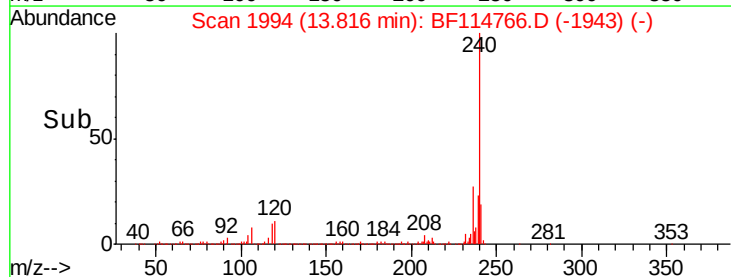
236 26.9 21.2 31.8

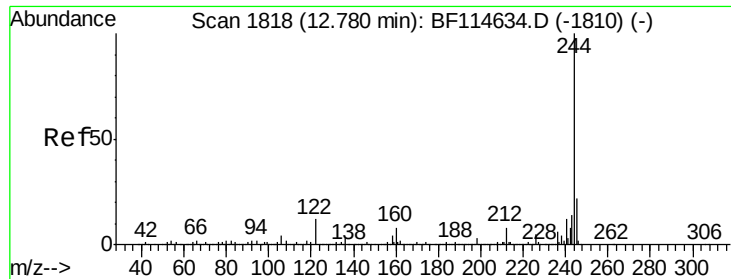


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

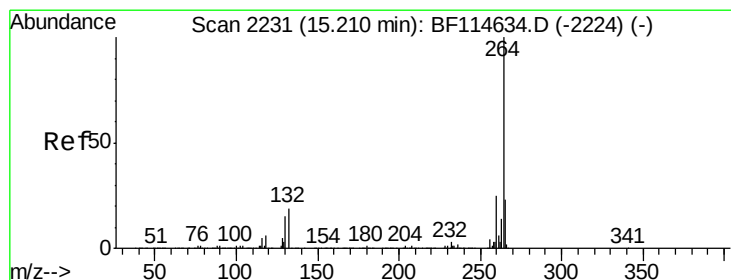
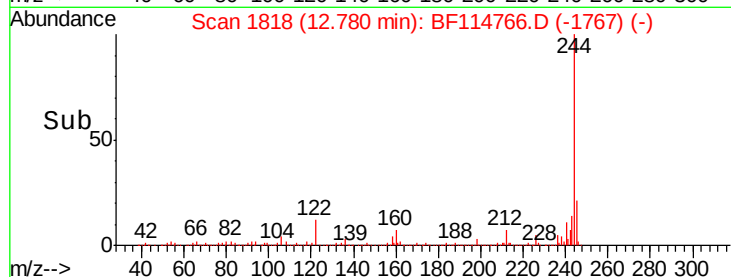
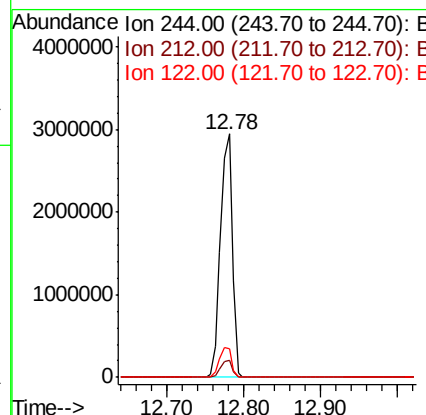
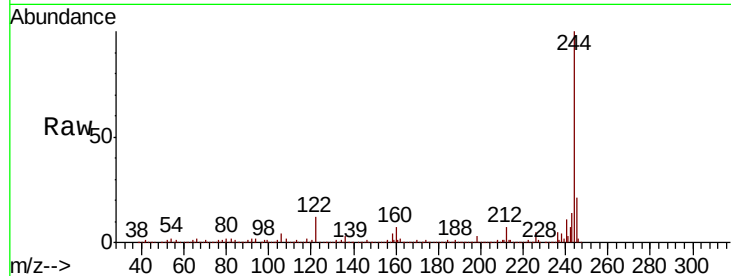




#79
 Terphenyl-d14
 Concen: 73.754 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BF114766.D
 Acq: 1 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 101-102

Tot Ion:244 Resp: 3108539
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.9 9.8 14.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF114766.D
 Acq: 1 Jun 2019 20:15

Tgt Ion:264 Resp: 657424
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 21.8 18.1 27.1

