

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114719.D
 Acq On : 31 May 2019 21:01
 Operator : HP/JU
 Sample : K3037-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW6-R1-1

Quant Time: Jun 01 00:27:20 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	454979	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1687002	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	814967	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1479025	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1017804	20.00	ng	0.00
87) Perylene-d12	15.20	264	903956	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1547460	59.71	ng	0.01
7) Phenol-d6	6.32	99	1229235	39.36	ng	0.00
23) Nitrobenzene-d5	7.26	82	2339272	86.51	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1002649	129.12	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3793937	88.02	ng	0.00
79) Terphenyl-d14	12.78	244	3839518	70.93	ng	0.00

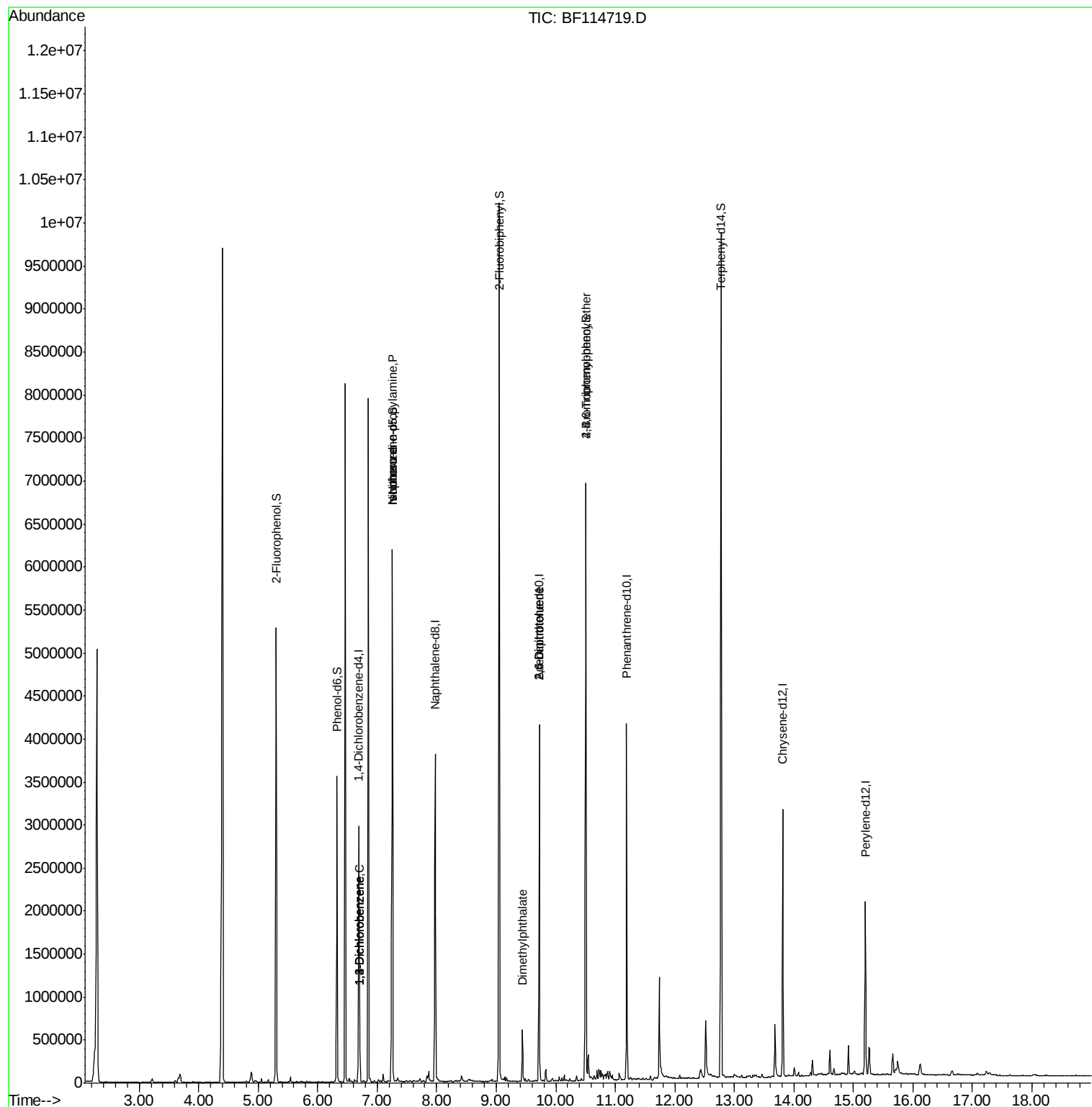
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.23	77	1727	Below Cal		# 1
12) 1,3-Dichlorobenzene	6.71	146	71229	2.089	ng	99
13) 1,4-Dichlorobenzene	6.71	146	71229	2.082	ng	99
14) 1,2-Dichlorobenzene	6.71	146	71229	2.287	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	321994	14.938	ng	# 75
25) Isophorone	7.26	82	2264357	41.727	ng	# 63
50) Dimethylphthalate	9.44	163	218692	3.851	ng	98
51) 2,6-Dinitrotoluene	9.72	165	105368	7.985	ng	# 31
57) 2,4-Dinitrotoluene	9.72	165	105368	6.222	ng	# 24
58) Fluorene	10.50	166	42627	Below Cal		# 90
61) 4-Chlorophenyl-phenylether	10.43	204	177	Below Cal		# 66
67) 4-Bromophenyl-phenylether	10.50	248	65119	4.106	ng	# 1
74) Di-n-butylphthalate	11.76	149	28693	Below Cal		99

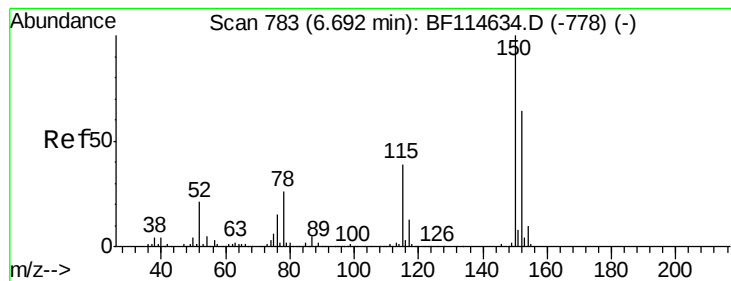
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF114719.D

Acq: 31 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

MW6-R1-1

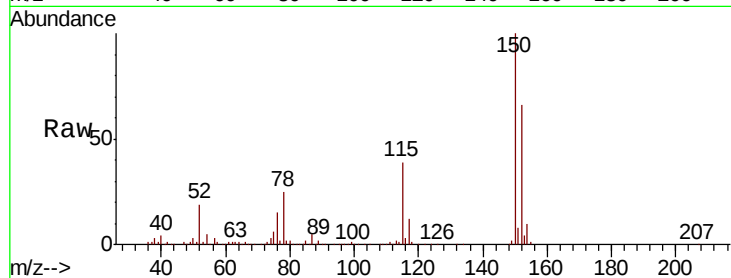
Tgt Ion:152 Resp: 454979

Ion Ratio Lower Upper

152 100

150 152.7 124.4 186.6

115 59.2 48.7 73.1

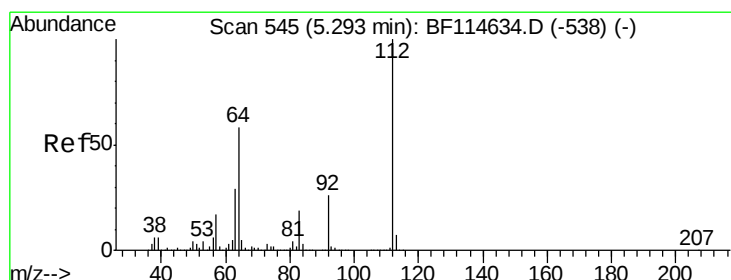
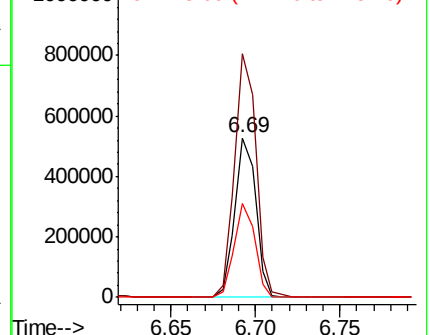
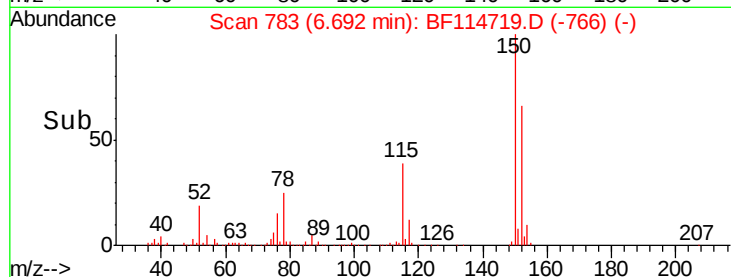


Abundance

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: 59.715 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

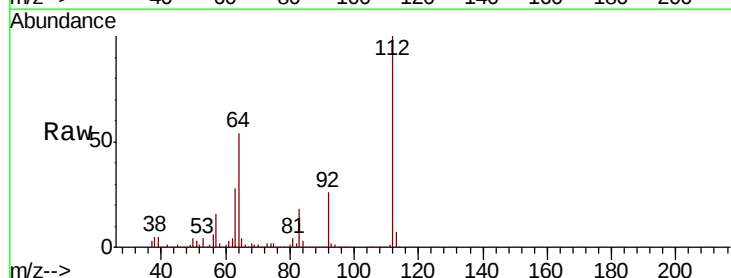
Tgt Ion:112 Resp: 1547460

Ion Ratio Lower Upper

112 100

64 53.7 46.1 69.1

63 28.1 23.4 35.2

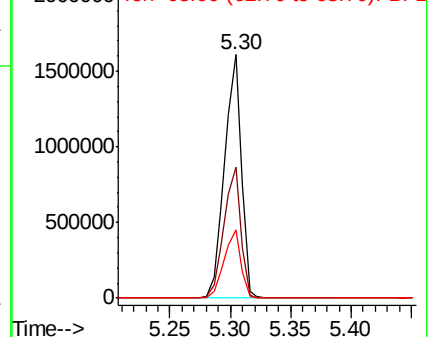
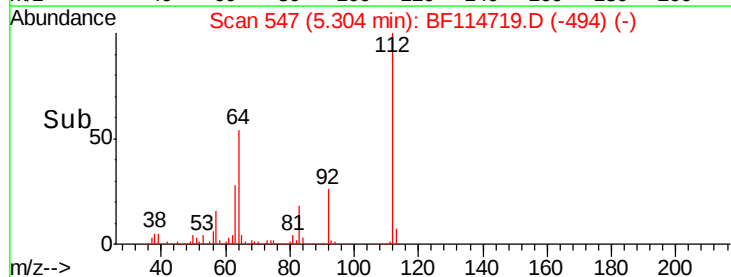


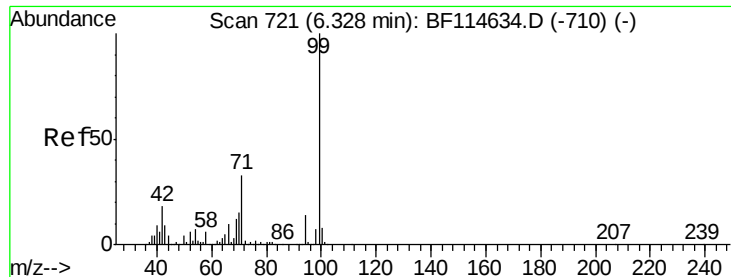
Abundance

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: 39.364 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

MW6-R1-1

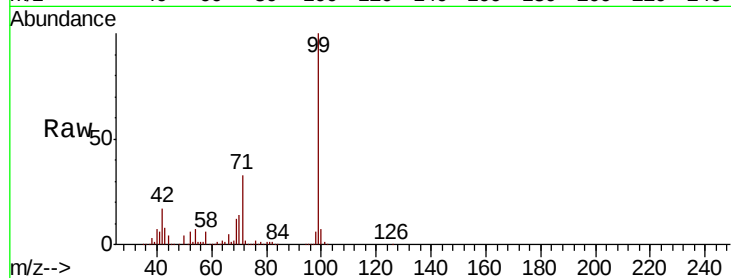
Tgt Ion: 99 Resp: 1229235

Ion Ratio Lower Upper

99 100

42 16.9 14.7 22.1

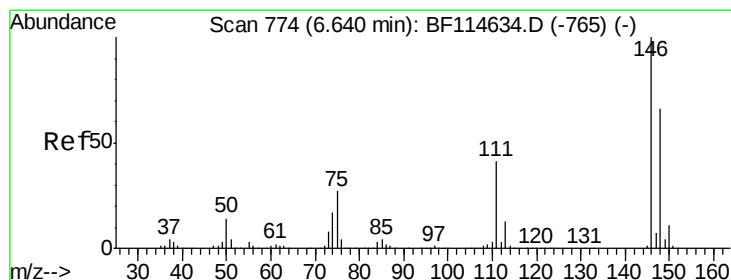
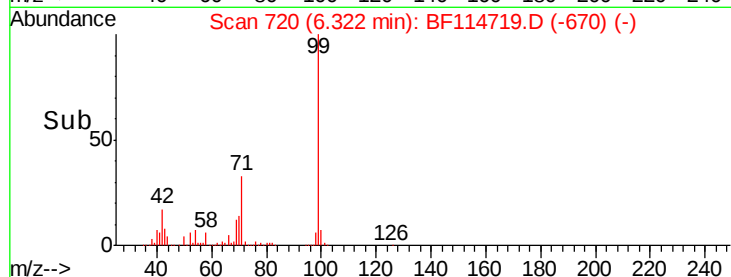
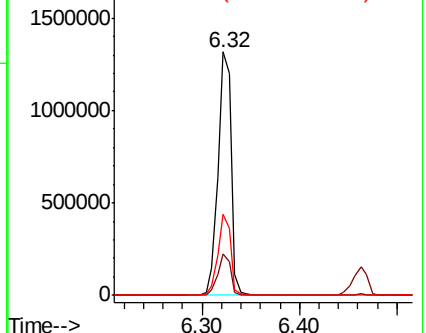
71 33.1 26.6 40.0



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



#12

1,3-Dichlorobenzene

Concen: 2.089 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.07 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

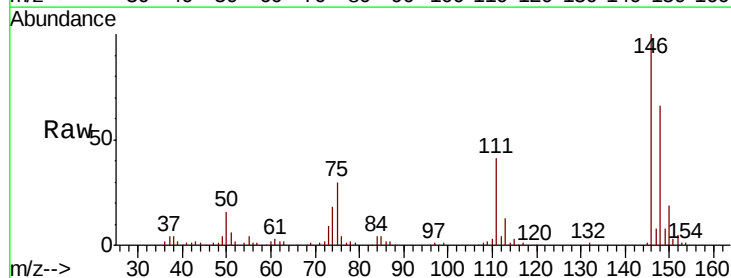
Tgt Ion: 146 Resp: 71229

Ion Ratio Lower Upper

146 100

148 66.0 52.9 79.3

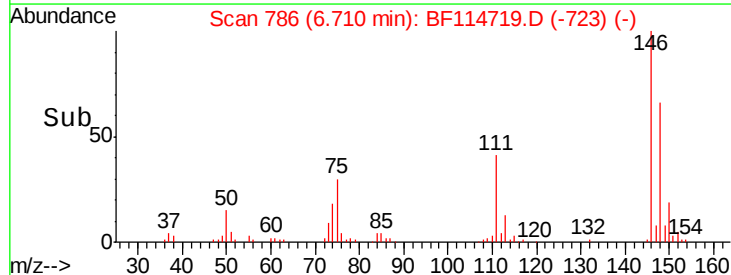
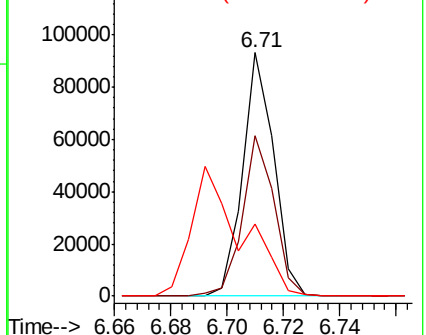
75 29.5 22.0 33.0

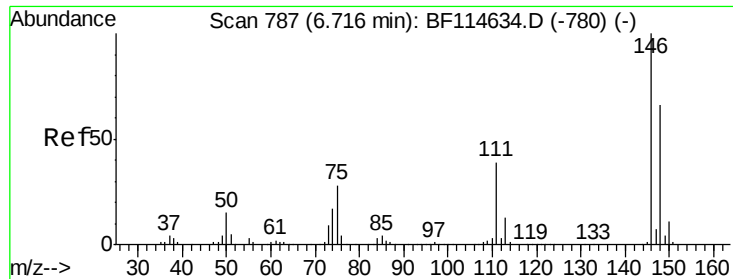


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

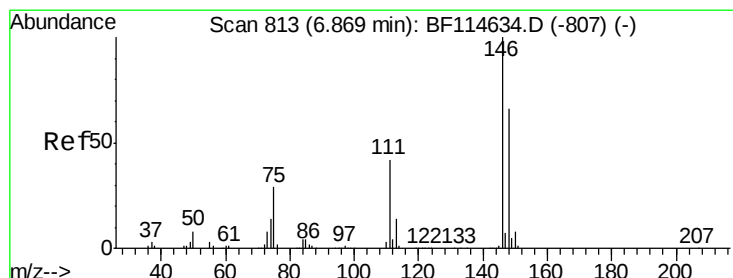
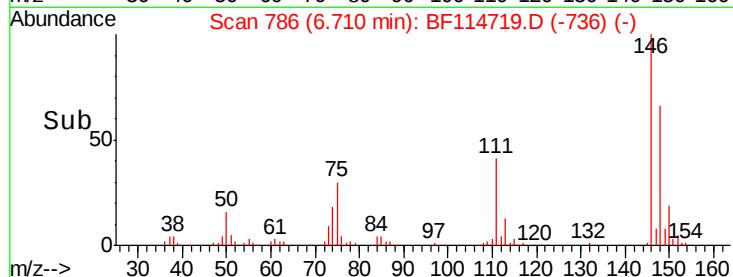
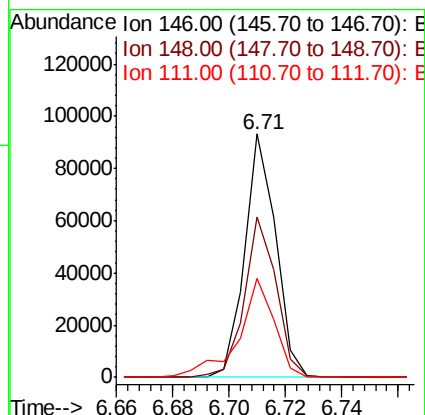
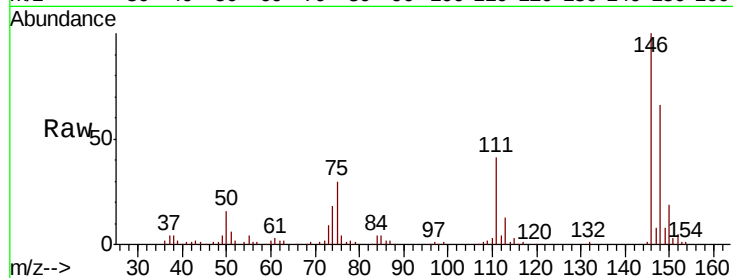




#13
 1,4-Dichlorobenzene
 Concen: 2.082 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF114719.D
 Acq: 31 May 2019 21:01

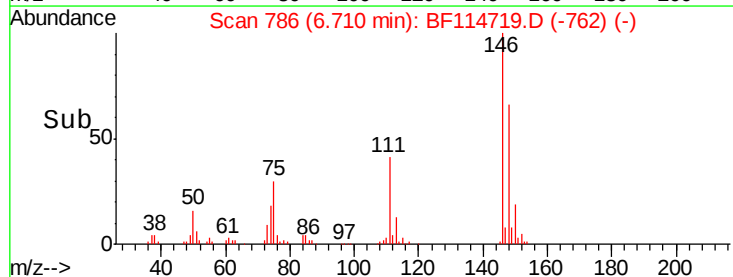
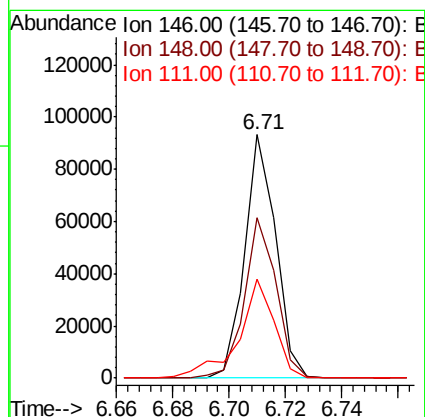
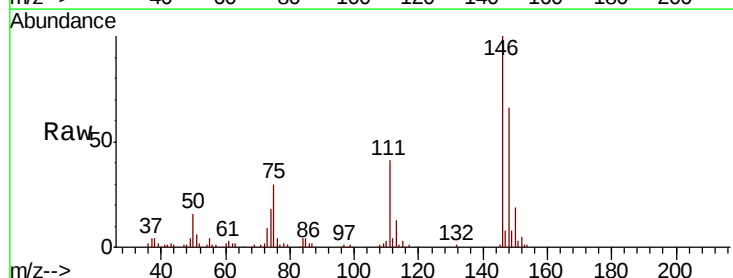
Instrument :
 BNA_F
 ClientSampleId :
 MW6-R1-1

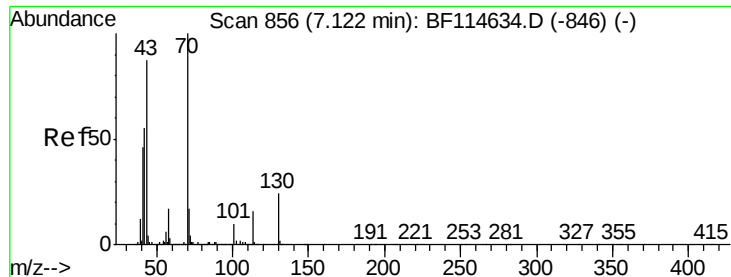
Tgt Ion:146 Resp: 71229
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.5 78.7
 111 40.9 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 2.287 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.16 min
 Lab File: BF114719.D
 Acq: 31 May 2019 21:01

Tgt Ion:146 Resp: 71229
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.6 79.0
 111 40.9 34.1 51.1

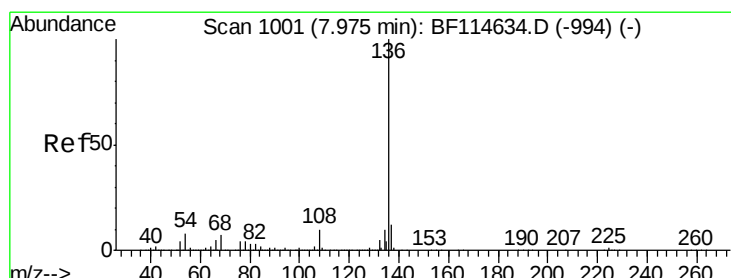
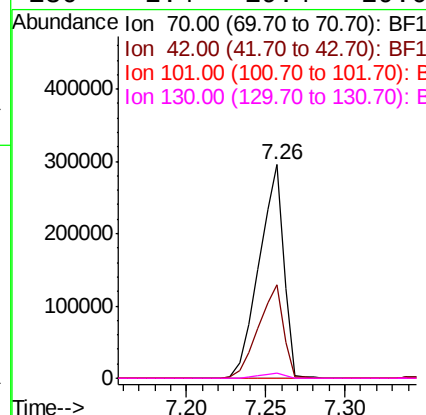
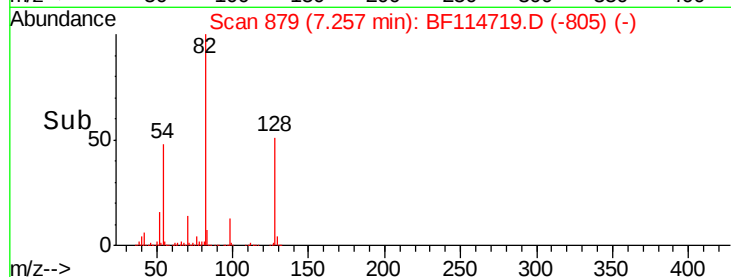
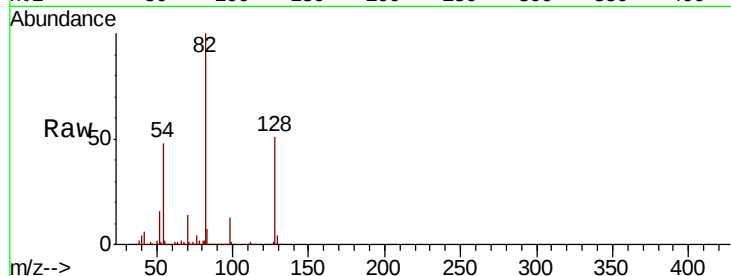




#19
n-Nitroso-di-n-propylamine
Concen: 14.938 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

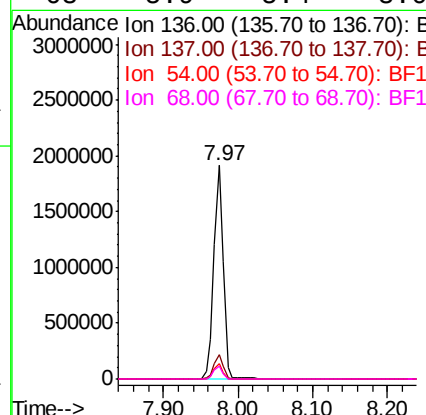
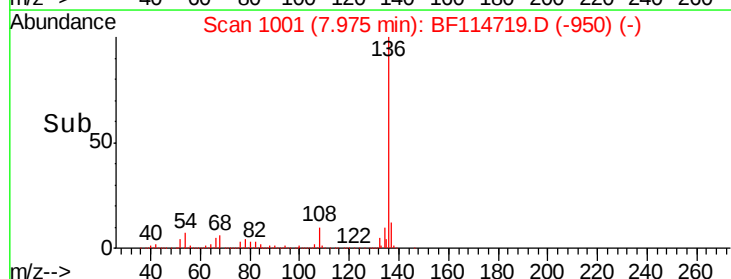
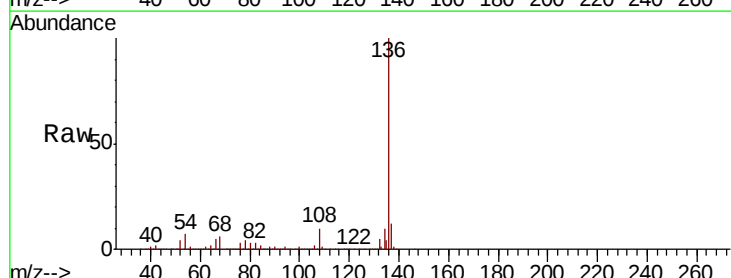
Instrument :
BNA_F
ClientSampleId :
MW6-R1-1

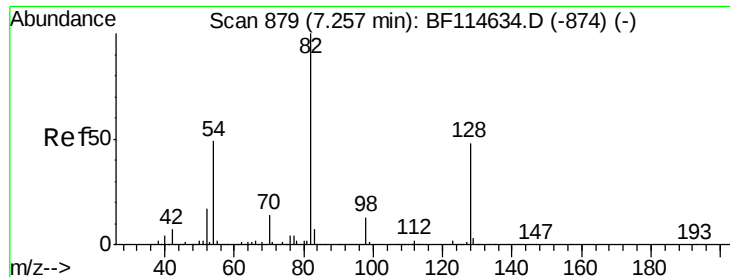
Tgt Ion: 70 Resp: 321994
Ion Ratio Lower Upper
70 100
42 43.8 44.4 66.6#
101 0.0 8.2 12.4#
130 2.4 19.4 29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

Tgt Ion: 136 Resp: 1687002
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 7.1 6.3 9.5
68 5.9 5.4 8.0

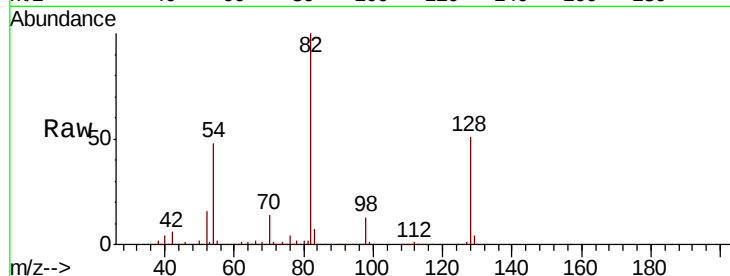




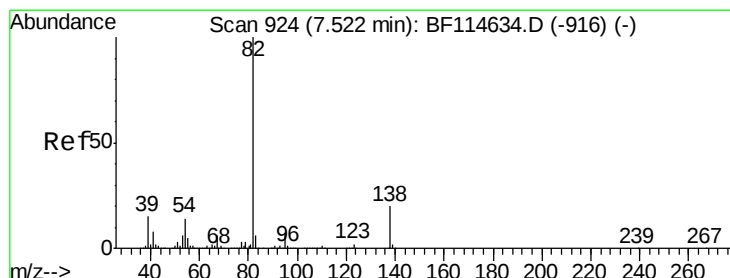
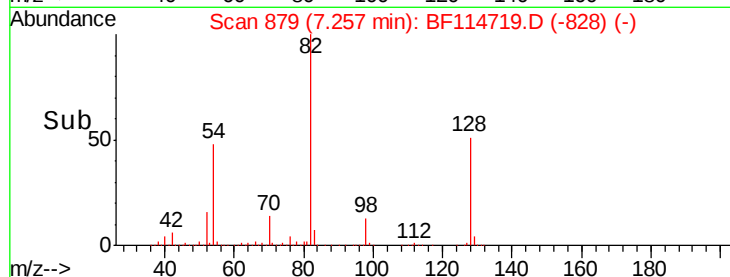
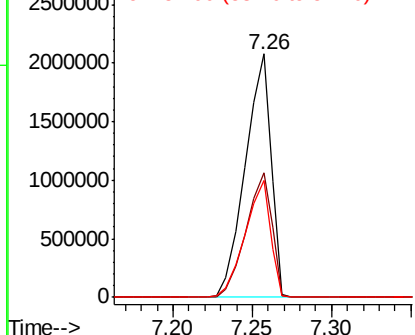
#23
Nitrobenzene-d5
Concen: 86.512 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

Instrument :
BNA_F
ClientSampleId :
MW6-R1-1

Tgt Ion: 82 Resp: 2339272
Ion Ratio Lower Upper
82 100
128 51.4 38.5 57.7
54 48.0 39.1 58.7

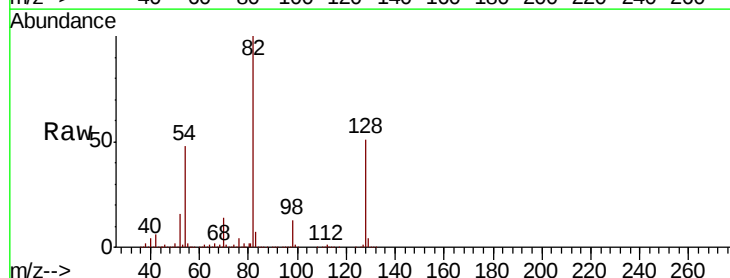


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

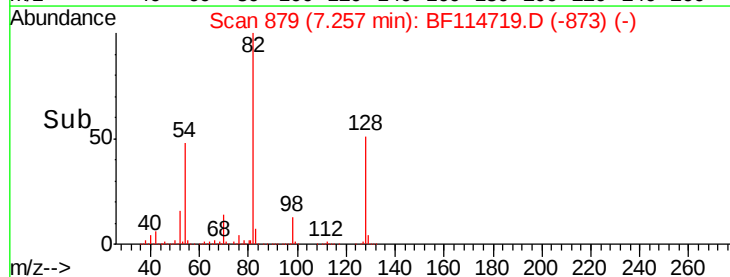
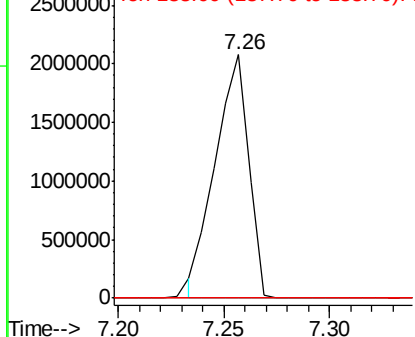


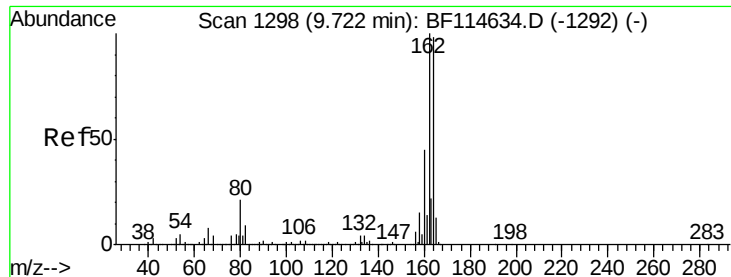
#25
Isophorone
Concen: 41.727 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

Tgt Ion: 82 Resp: 2264357
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

MW6-R1-1

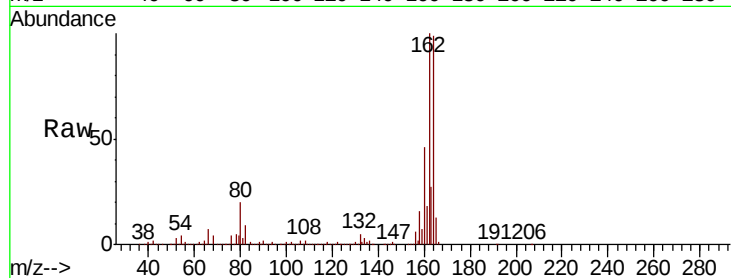
Tgt Ion:164 Resp: 814967

Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.2

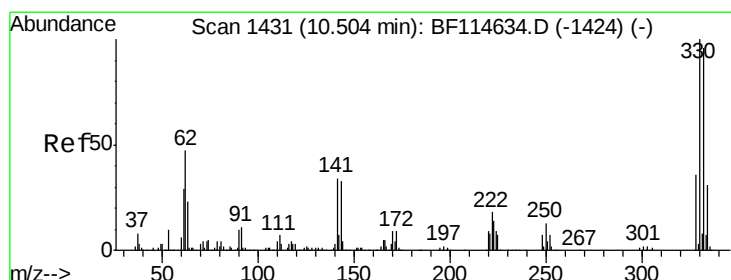
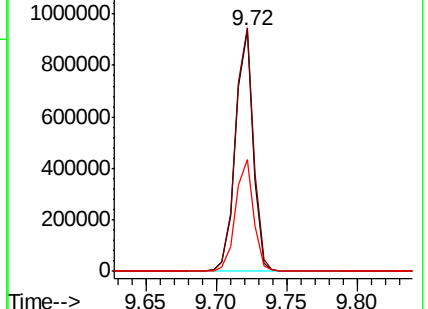
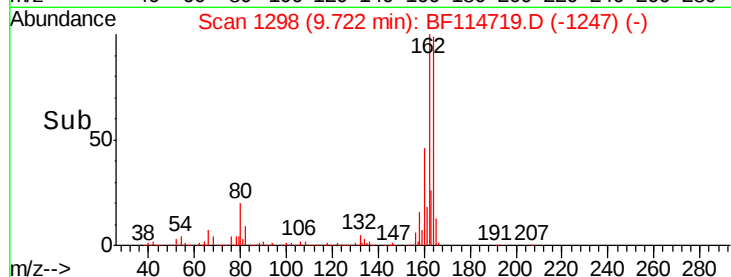
160 46.7 36.6 54.8



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: 129.118 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

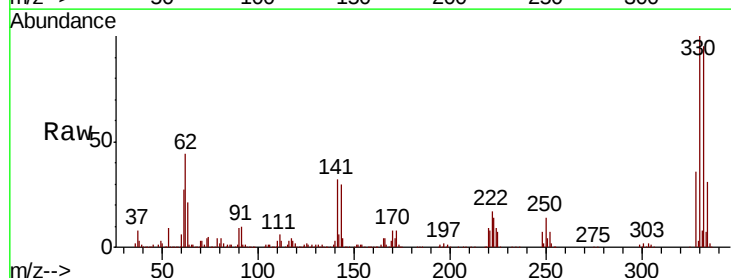
Tgt Ion:330 Resp: 1002649

Ion Ratio Lower Upper

330 100

332 94.4 75.8 113.8

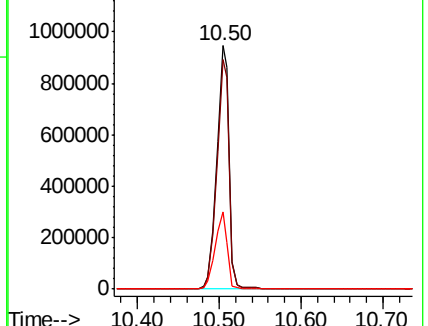
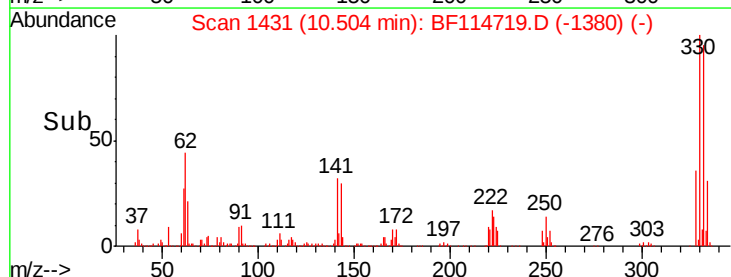
141 31.3 27.8 41.8

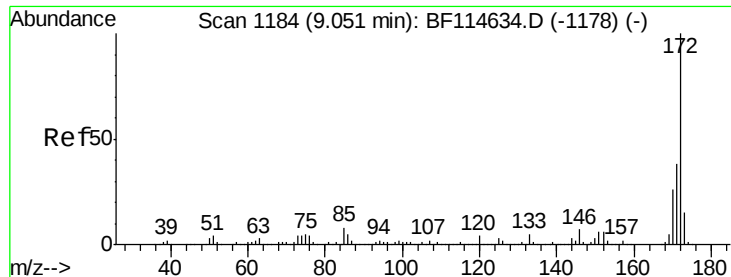


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

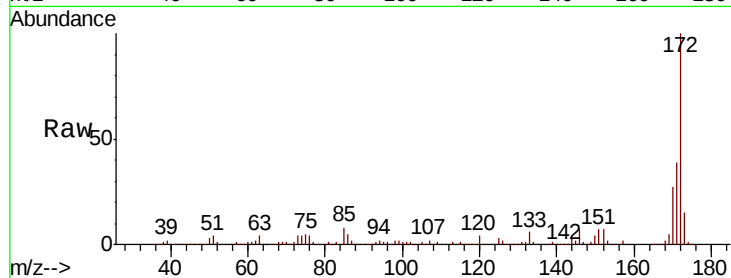




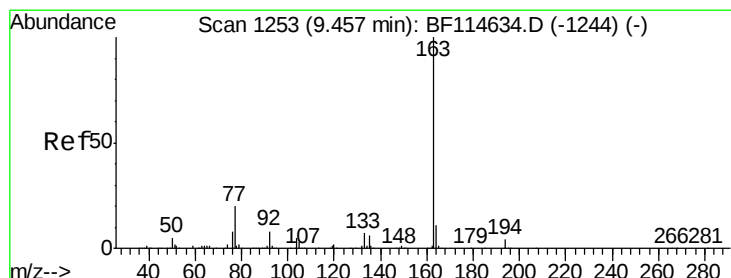
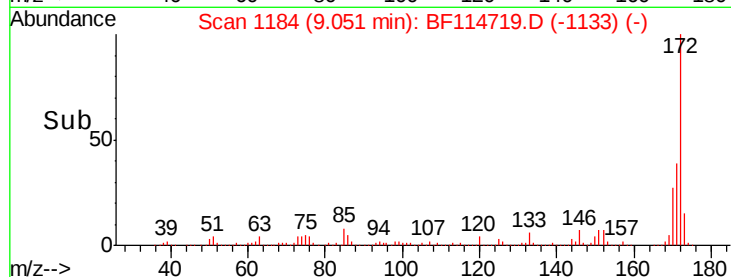
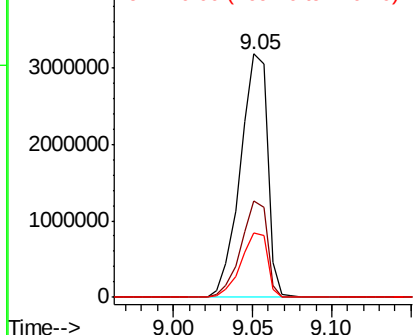
#45
 2-Fluorobiphenyl
 Concen: 88.018 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114719.D
 Acq: 31 May 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 MW6-R1-1

Tgt Ion:172 Resp: 3793937
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.6 45.8
 170 26.7 20.7 31.1

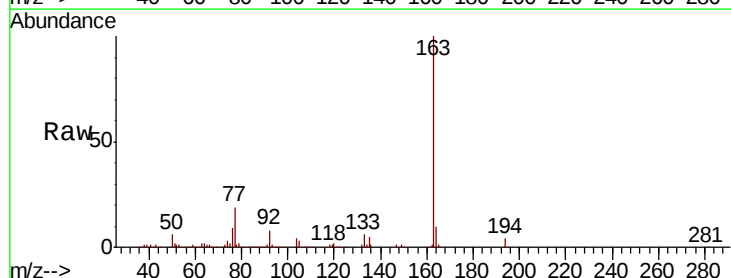


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

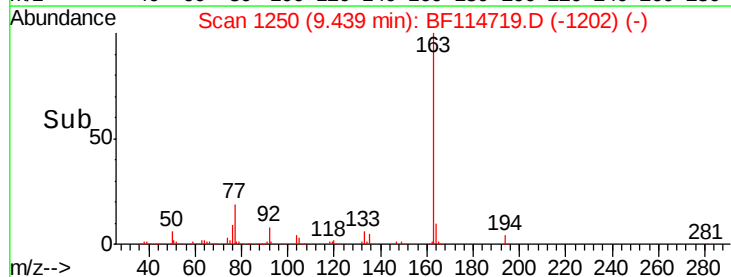
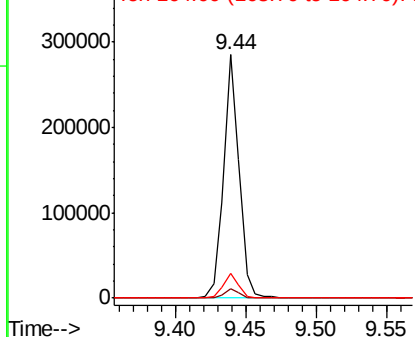


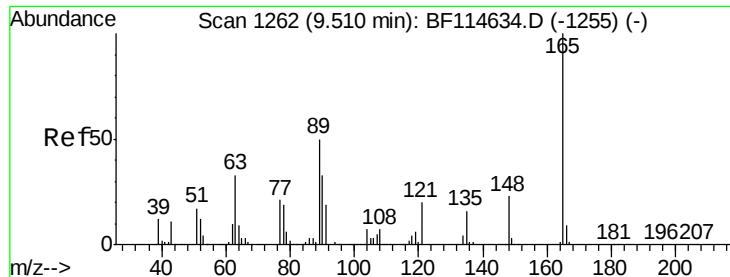
#50
 Dimethylphthalate
 Concen: 3.851 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF114719.D
 Acq: 31 May 2019 21:01

Tgt Ion:163 Resp: 218692
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 10.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

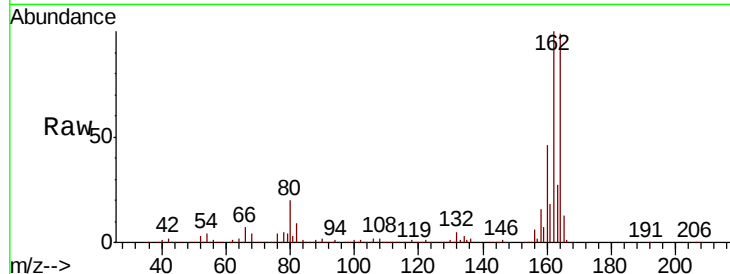




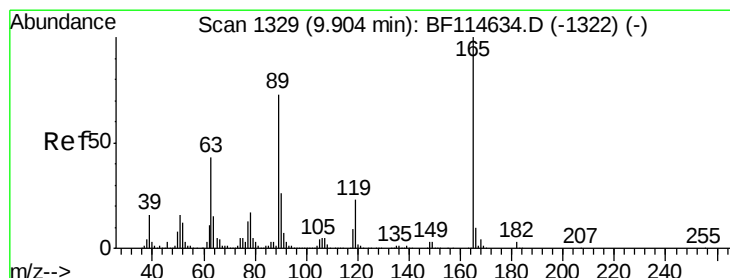
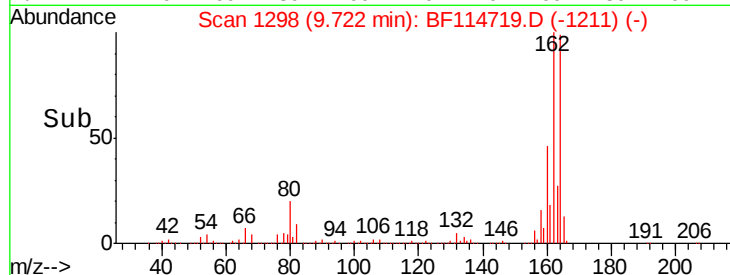
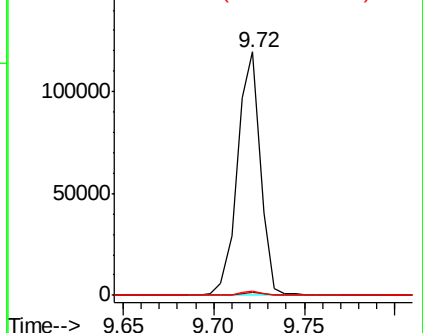
#51
 2,6-Dinitrotoluene
 Concen: 7.985 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.21 min
 Lab File: BF114719.D
 Acq: 31 May 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 MW6-R1-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.6	54.8#
89	1.7	40.2	60.4#



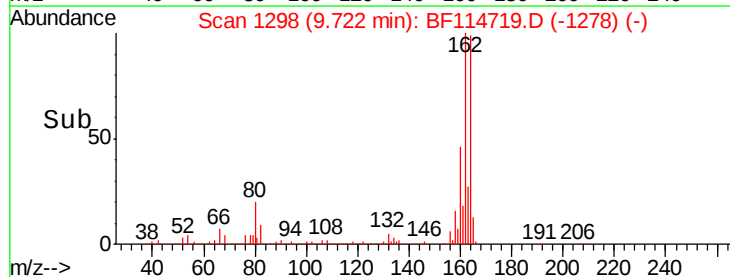
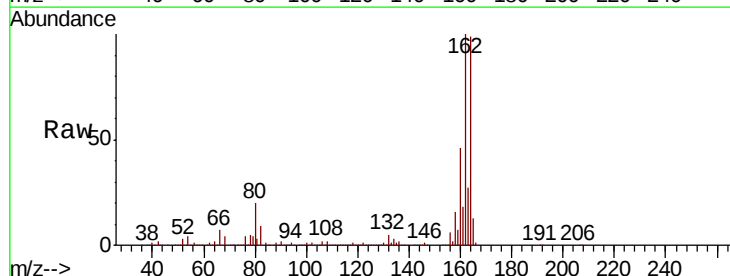
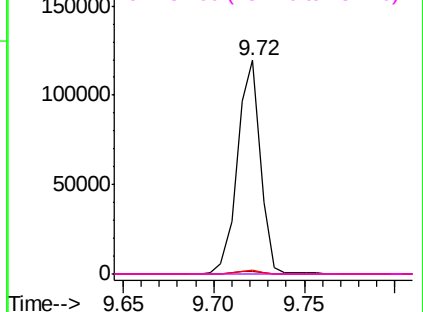
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

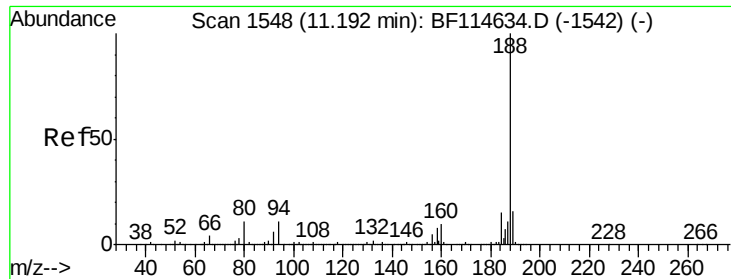


#57
 2,4-Dinitrotoluene
 Concen: 6.222 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.18 min
 Lab File: BF114719.D
 Acq: 31 May 2019 21:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.8	52.2#
89	1.7	58.5	87.7#
182	0.0	2.2	3.2#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

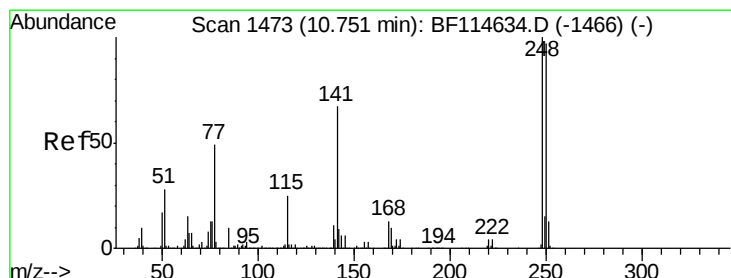
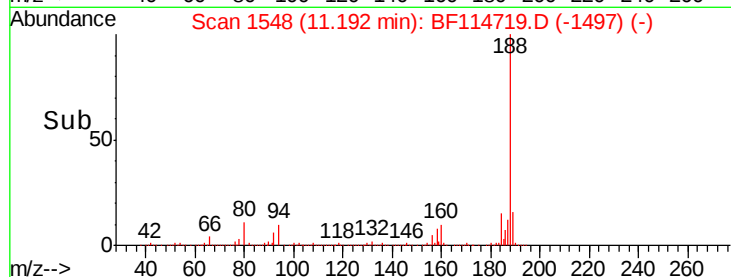
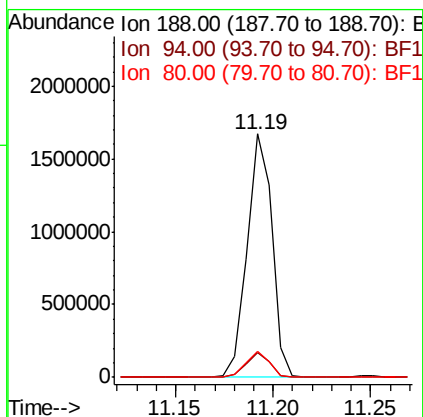
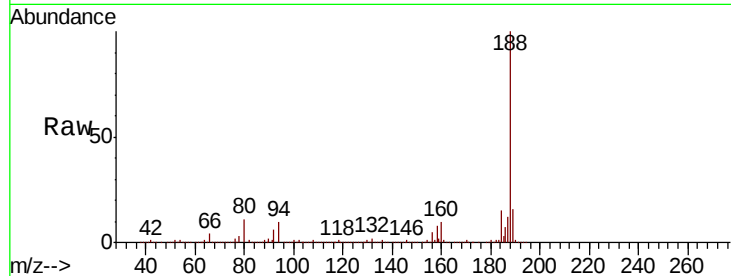




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

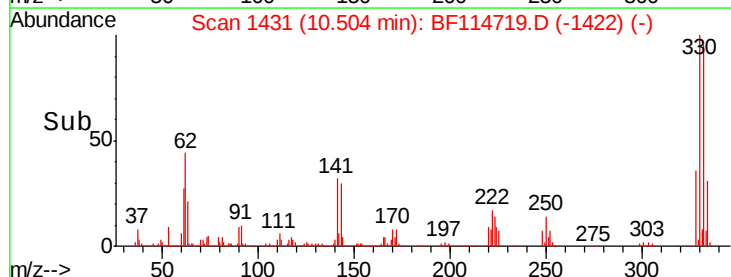
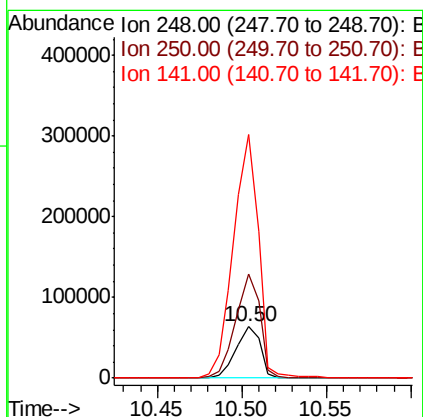
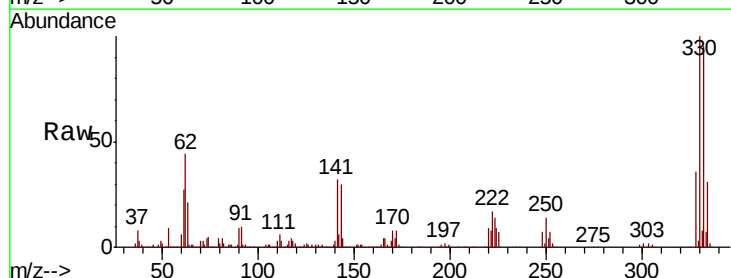
Instrument :
BNA_F
ClientSampleId :
MW6-R1-1

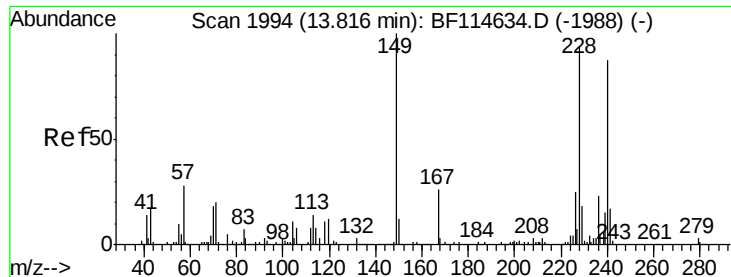
Tgt Ion:188 Resp: 1479025
Ion Ratio Lower Upper
188 100
94 10.0 8.6 13.0
80 10.6 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 4.106 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

Tgt Ion:248 Resp: 65119
Ion Ratio Lower Upper
248 100
250 201.5 78.0 117.0#
141 472.9 53.8 80.8#

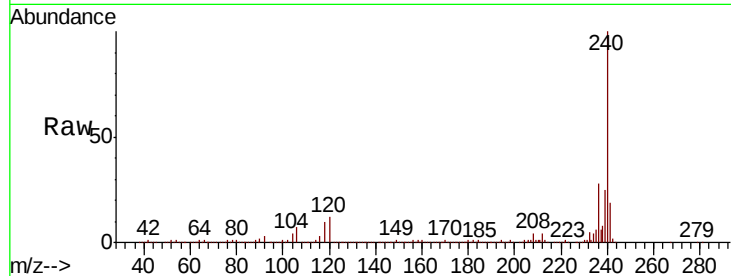




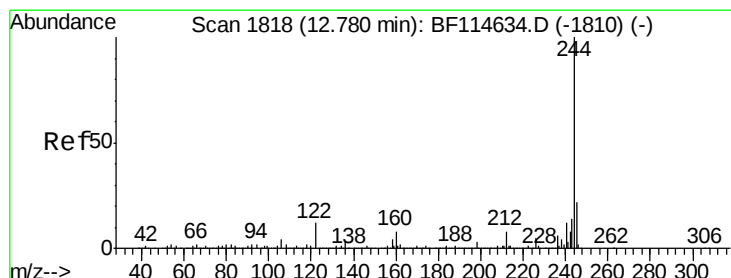
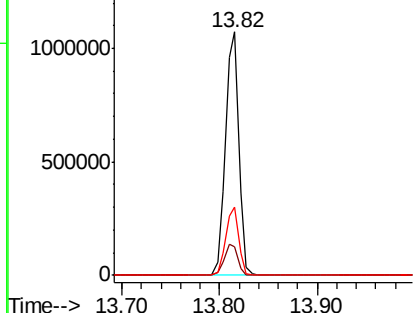
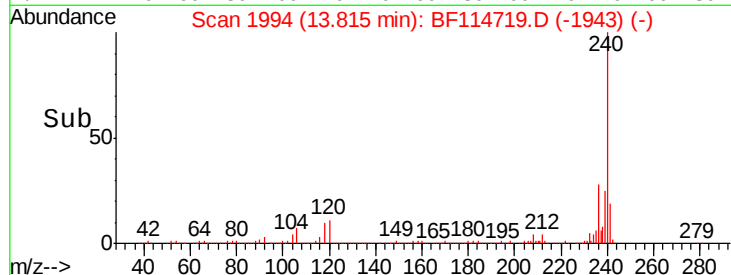
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

Instrument :
BNA_F
ClientSampled :
MW6-R1-1

Tgt Ion:240 Resp: 1017804
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 28.0 21.2 31.8

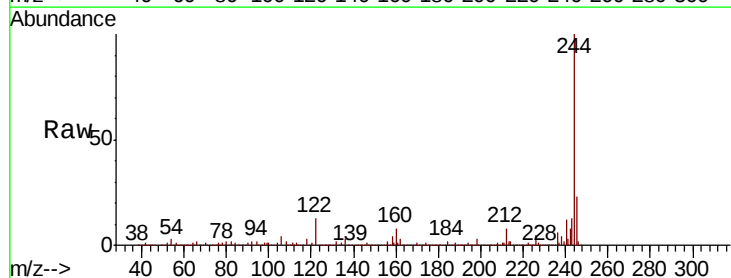


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

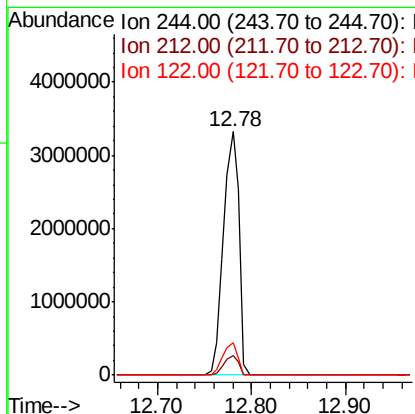
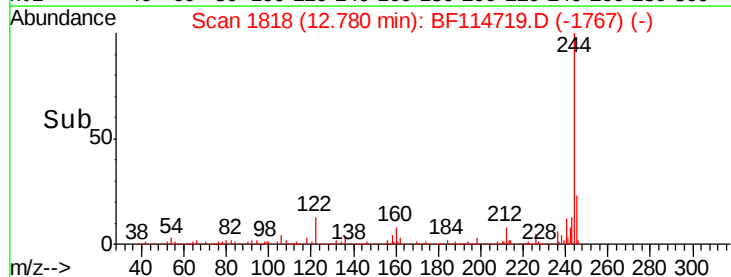


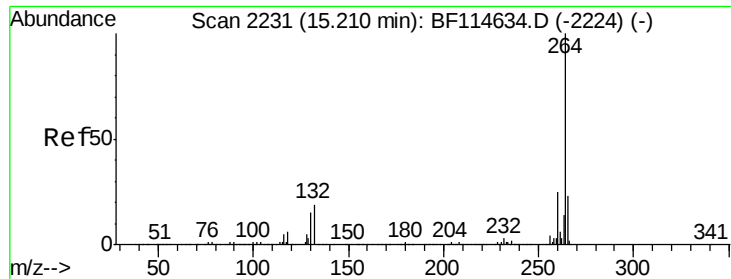
#79
Terphenyl-d14
Concen: 70.926 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

Tgt Ion:244 Resp: 3839518
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 13.1 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: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

Instrument :
BNA_F
ClientSampleId :
MW6-R1-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.8	18.1	27.1

