

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114721.D
 Acq On : 31 May 2019 21:54
 Operator : HP/JU
 Sample : K3037-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW5-R1-1

Quant Time: Jun 01 00:27:40 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	430969	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1624588	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	789791	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1426649	20.00	ng	0.00
76) Chrysene-d12	13.82	240	978663	20.00	ng	0.00
87) Perylene-d12	15.20	264	866613	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1672124	68.12	ng	0.01
7) Phenol-d6	6.33	99	1358064	45.91	ng	0.00
23) Nitrobenzene-d5	7.26	82	2423027	93.05	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	1021875	135.79	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3862838	93.47	ng	0.00
79) Terphenyl-d14	12.78	244	3920675	75.32	ng	0.00

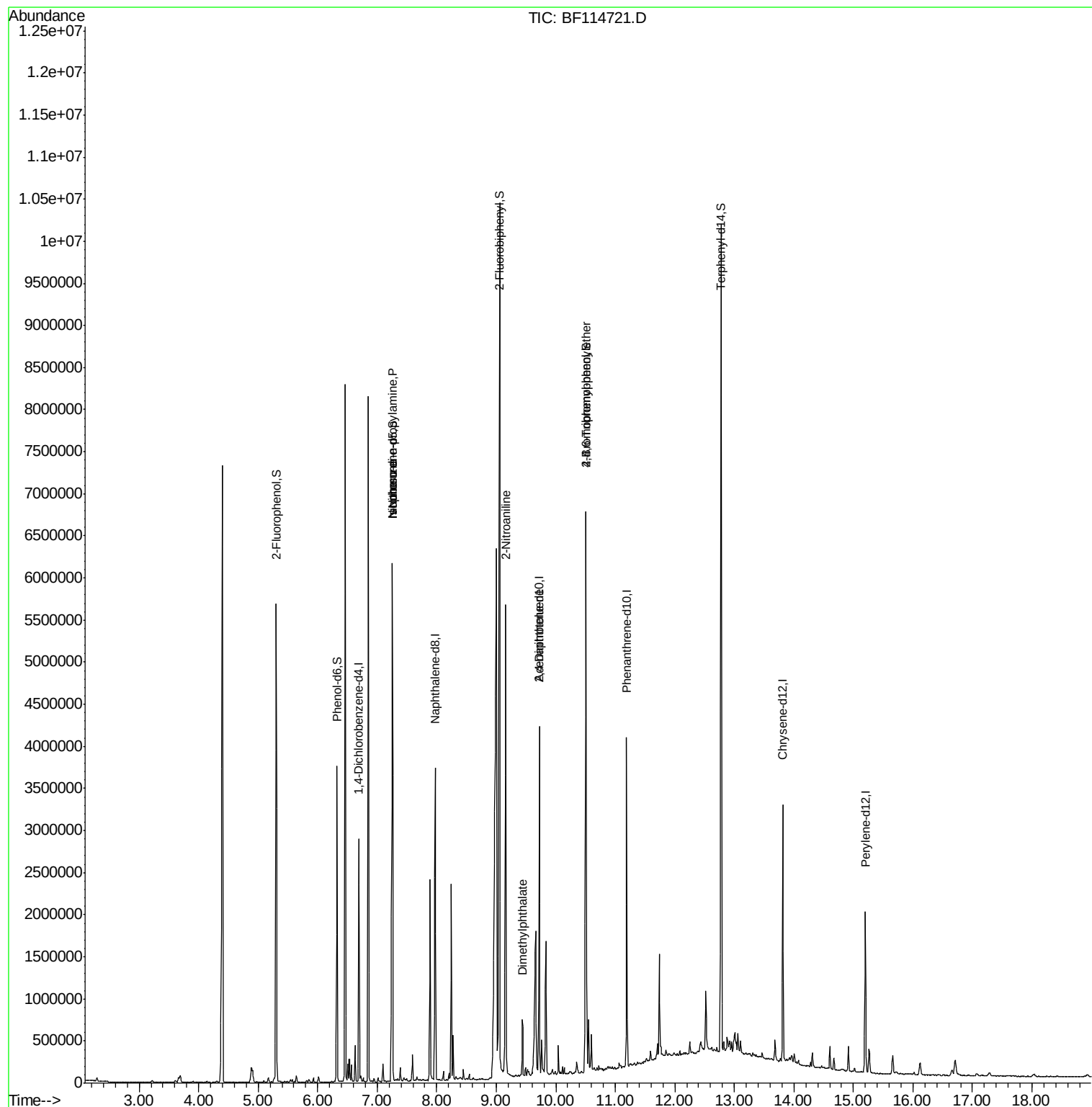
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	2810	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	333329	16.326	ng	# 75
25) Isophorone	7.26	82	2342144	44.819	ng	# 63
48) 2-Nitroaniline	9.16	65	81690	5.504	ng	# 10
50) Dimethylphthalate	9.44	163	267762	4.865	ng	# 99
57) 2,4-Dinitrotoluene	9.72	165	102575	6.250	ng	# 24
58) Fluorene	10.26	166	1472	Below Cal	#	86
61) 4-Chlorophenyl-phenylether	10.26	204	122	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.51	248	65412	4.276	ng	# 1
69) Atrazine	10.90	200	121	Below Cal	#	1
74) Di-n-butylphthalate	11.77	149	33153	Below Cal		100

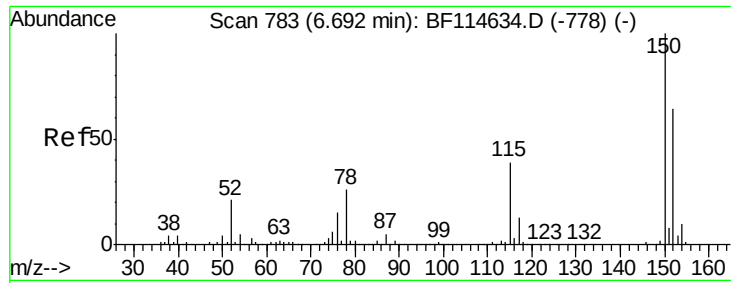
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114721.D
Acq On : 31 May 2019 21:54
Operator : HP/JU
Sample : K3037-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW5-R1-1

Quant Time: Jun 01 00:27:40 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

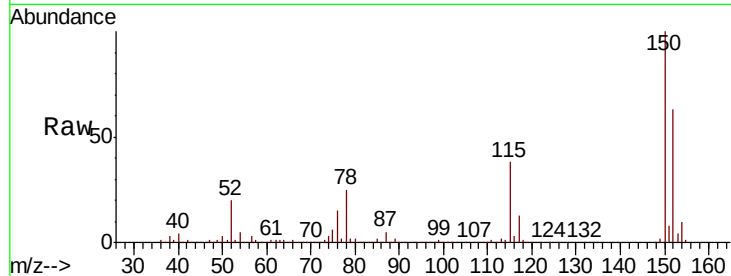




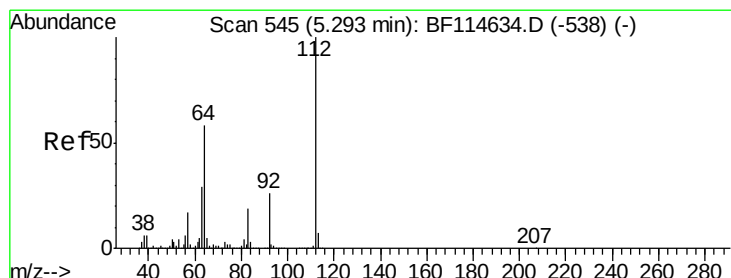
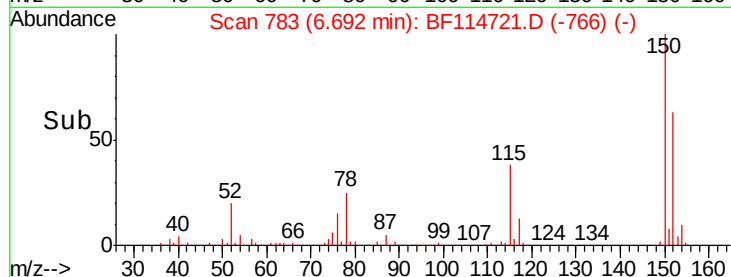
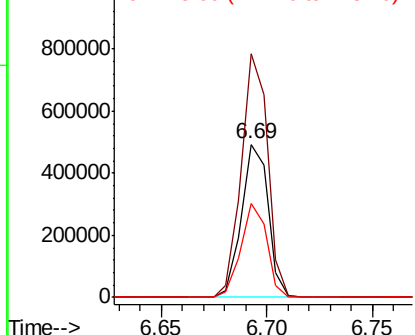
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF114721.D
 Acq: 31 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 MW5-R1-1

Tgt Ion:152 Resp: 430969
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.4 186.6
 115 61.0 48.7 73.1

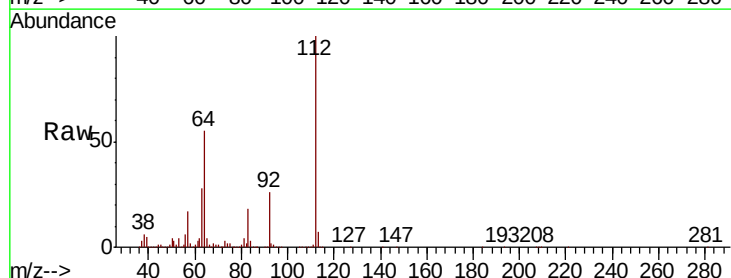


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

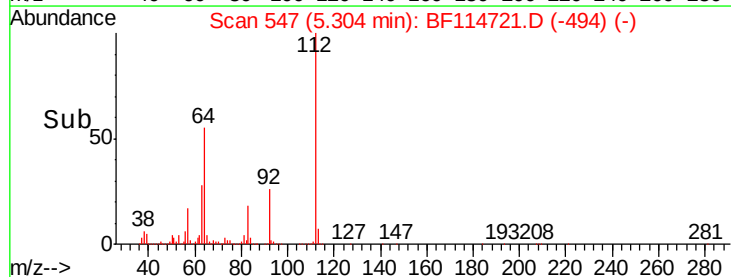
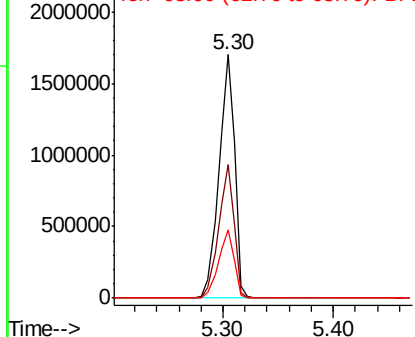


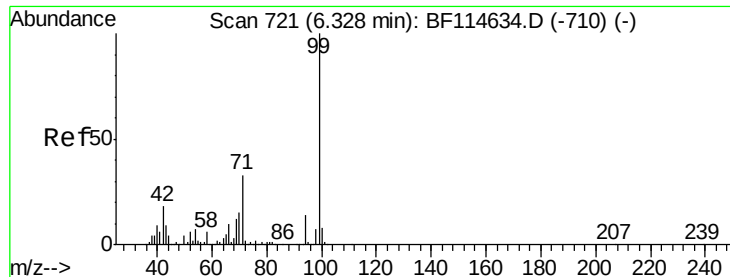
#5
 2-Fluorophenol
 Concen: 68.120 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF114721.D
 Acq: 31 May 2019 21:54

Tgt Ion:112 Resp: 1672124
 Ion Ratio Lower Upper
 112 100
 64 55.1 46.1 69.1
 63 28.2 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: 45.912 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114721.D

Acq: 31 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

MW5-R1-1

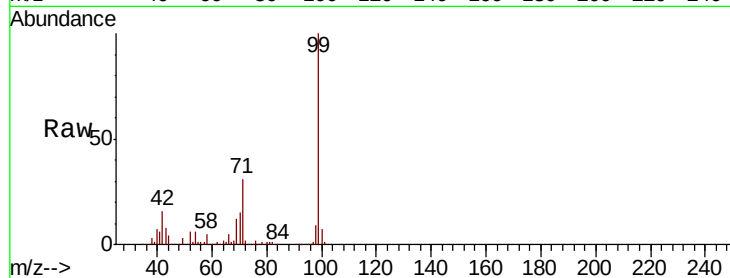
Tgt Ion: 99 Resp: 1358064

Ion Ratio Lower Upper

99 100

42 15.9 14.7 22.1

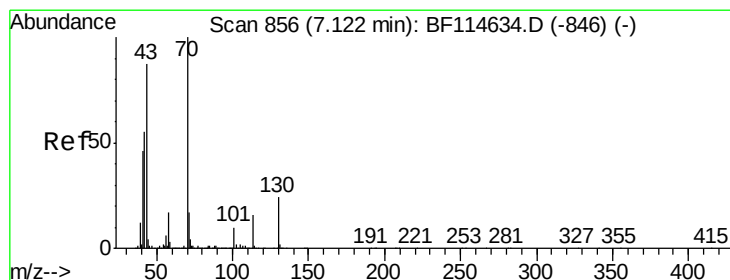
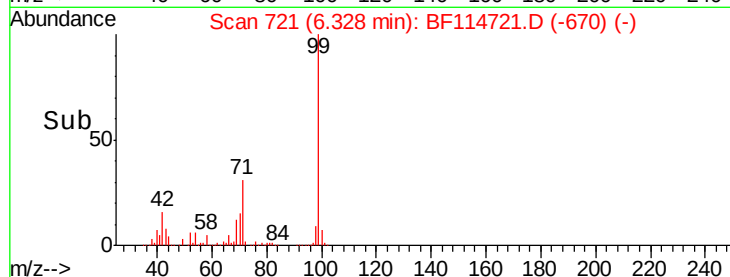
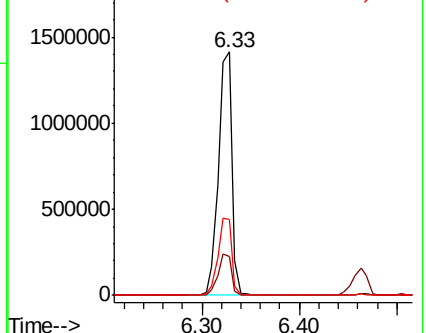
71 31.4 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.326 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114721.D

Acq: 31 May 2019 21:54

Tgt Ion: 70 Resp: 333329

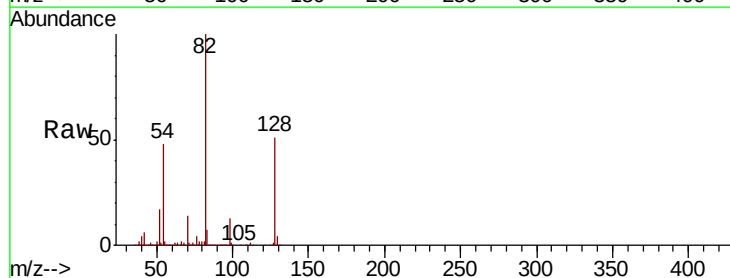
Ion Ratio Lower Upper

70 100

42 44.0 44.4 66.6#

101 0.0 8.2 12.4#

130 2.6 19.4 29.0#

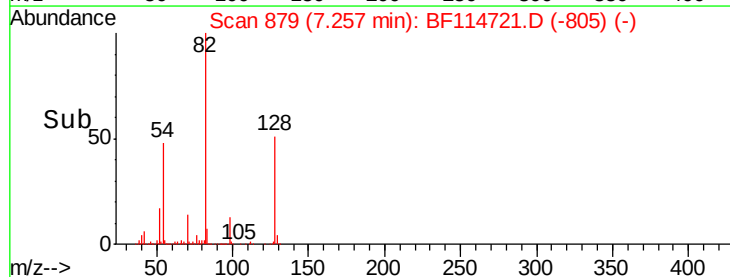
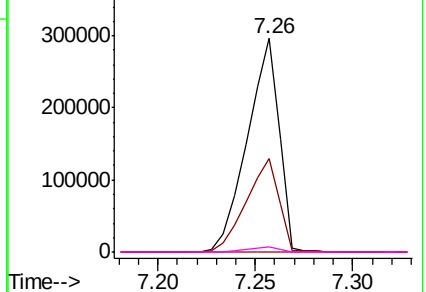


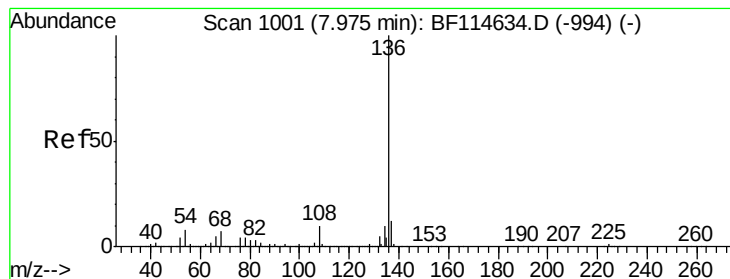
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114721.D

Acq: 31 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

MW5-R1-1

Tgt Ion:136 Resp: 1624588

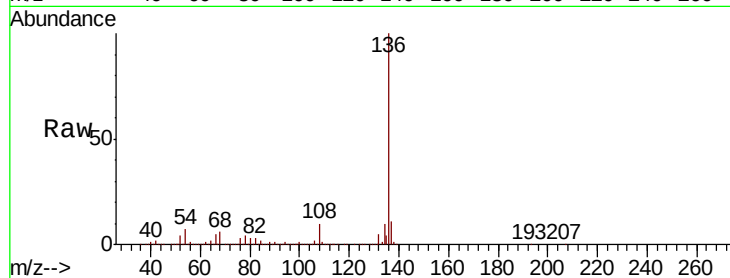
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 6.9 6.3 9.5

68 6.0 5.4 8.0

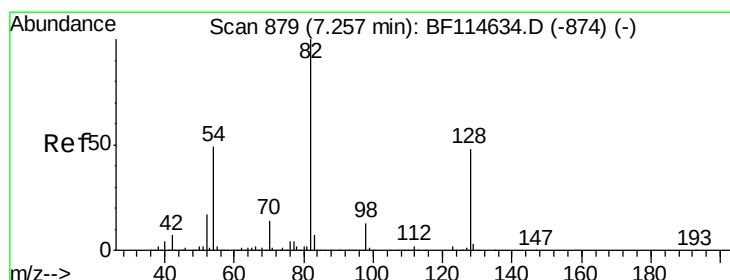
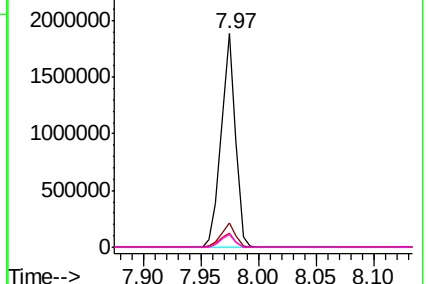
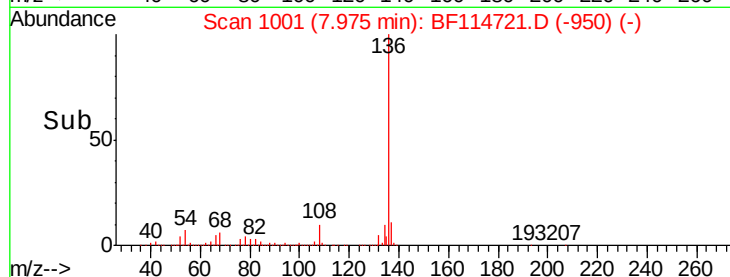


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.052 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF114721.D

Acq: 31 May 2019 21:54

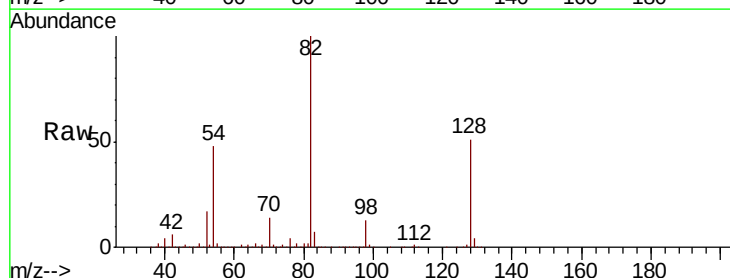
Tgt Ion: 82 Resp: 2423027

Ion Ratio Lower Upper

82 100

128 51.2 38.5 57.7

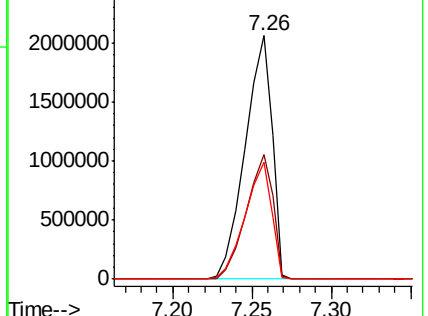
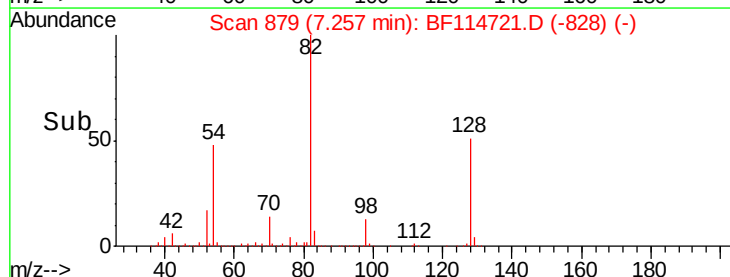
54 48.2 39.1 58.7

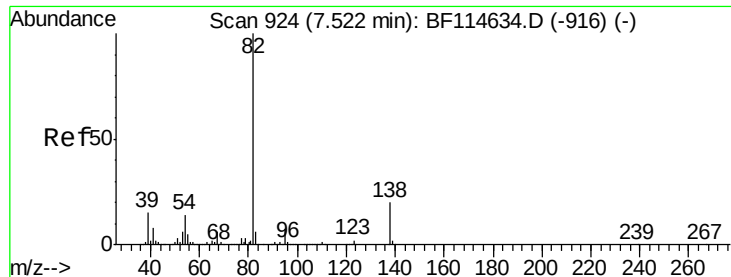


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.819 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114721.D

Acq: 31 May 2019 21:54

Instrument :

BNA_F

ClientSampled :

MW5-R1-1

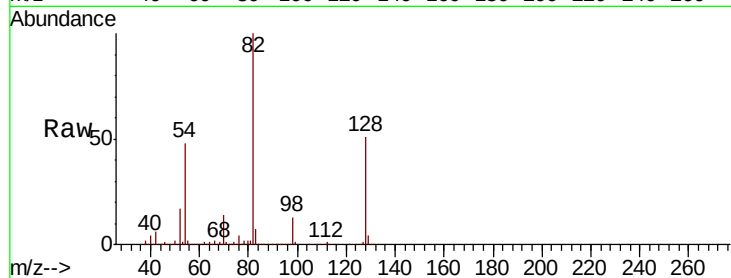
Tgt Ion: 82 Resp: 2342144

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

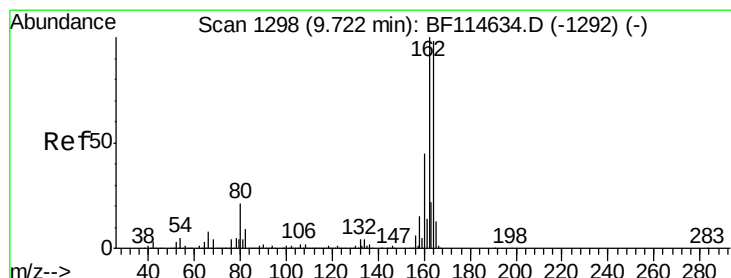
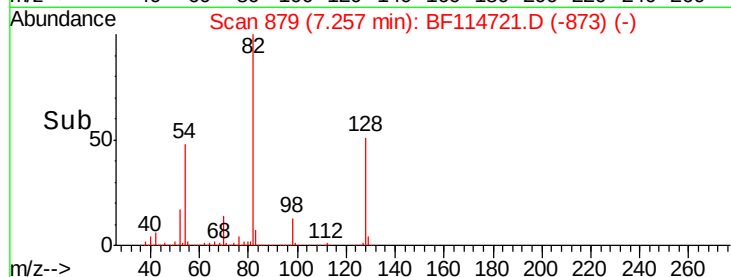
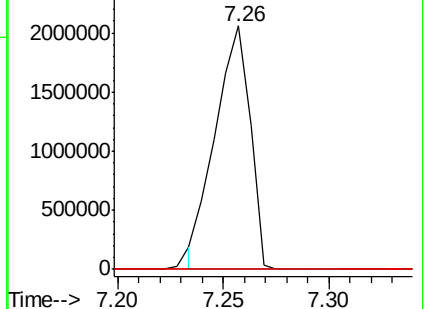
138 0.0 15.9 23.9#



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: BF114721.D

Acq: 31 May 2019 21:54

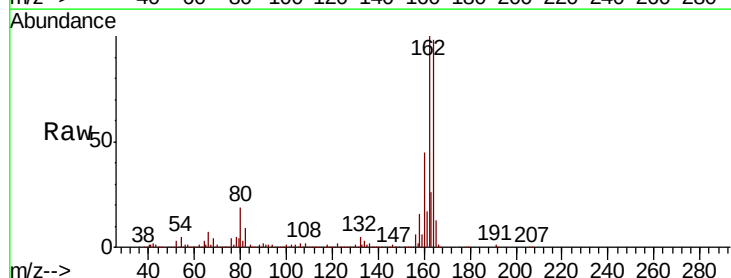
Tgt Ion: 164 Resp: 789791

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.2

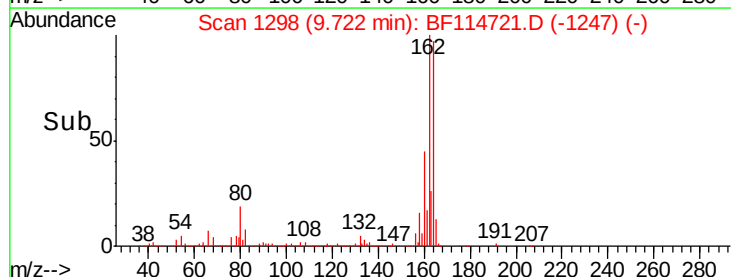
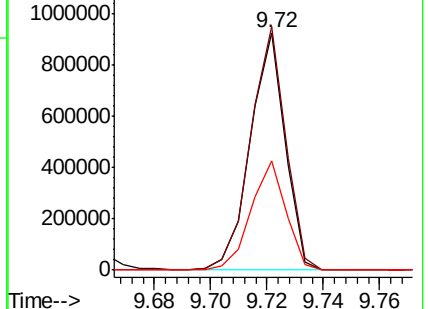
160 46.1 36.6 54.8

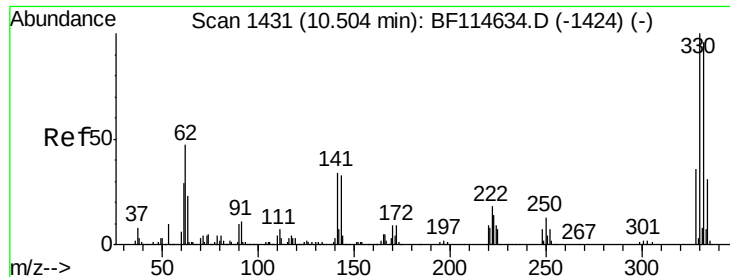


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 135.789 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114721.D

Acq: 31 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

MW5-R1-1

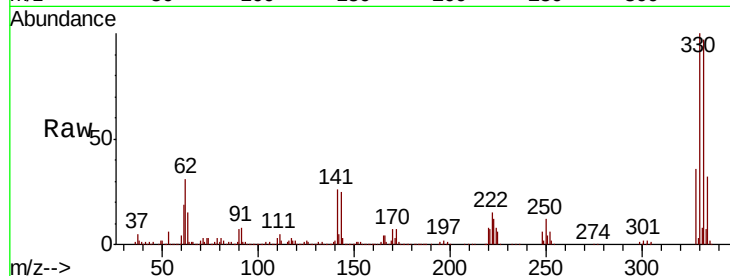
Tgt Ion:330 Resp: 1021875

Ion Ratio Lower Upper

330 100

332 95.9 75.8 113.8

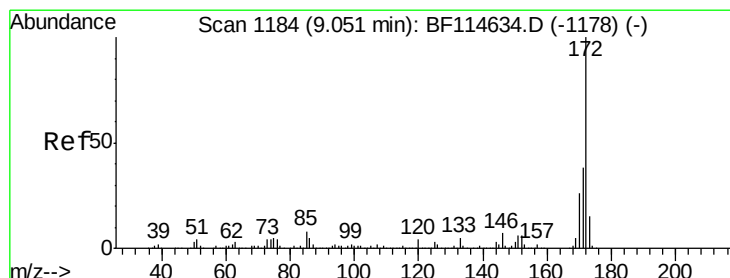
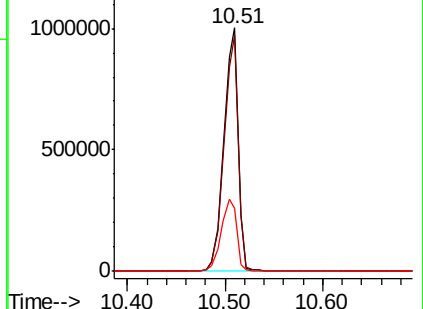
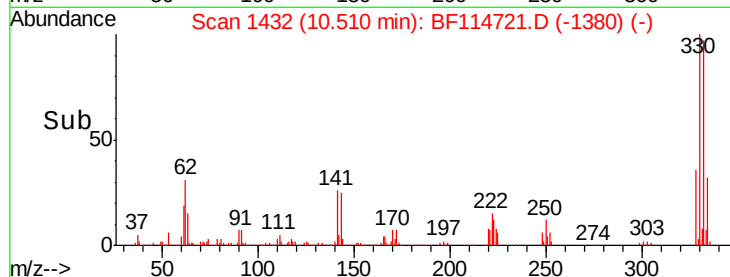
141 31.9 27.8 41.8



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: 93.471 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF114721.D

Acq: 31 May 2019 21:54

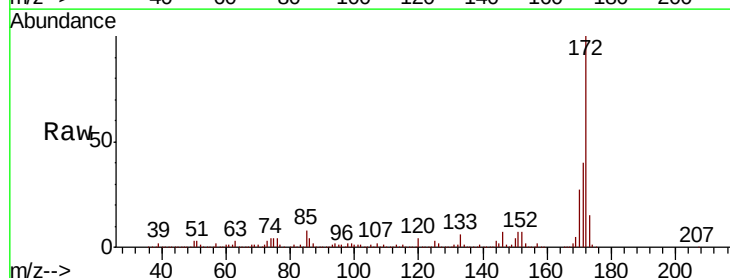
Tgt Ion:172 Resp: 3862838

Ion Ratio Lower Upper

172 100

171 39.8 30.6 45.8

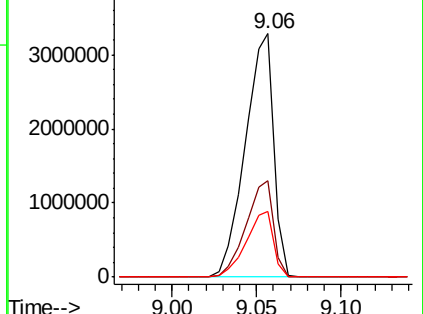
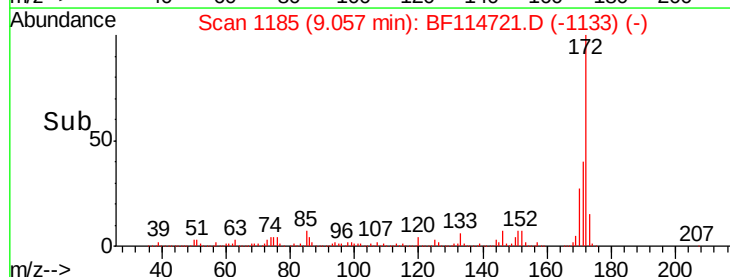
170 27.2 20.7 31.1

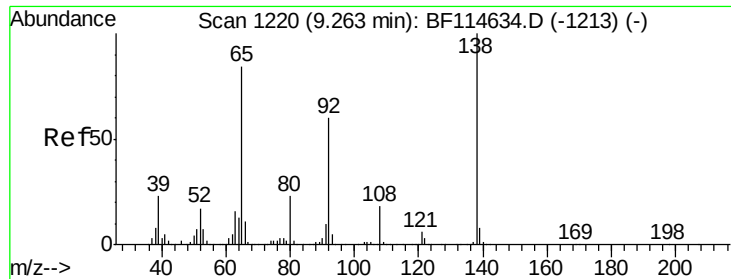


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

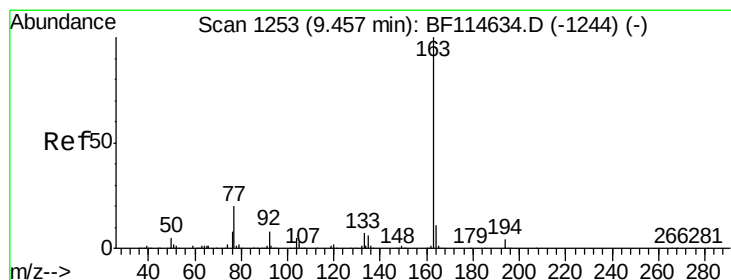
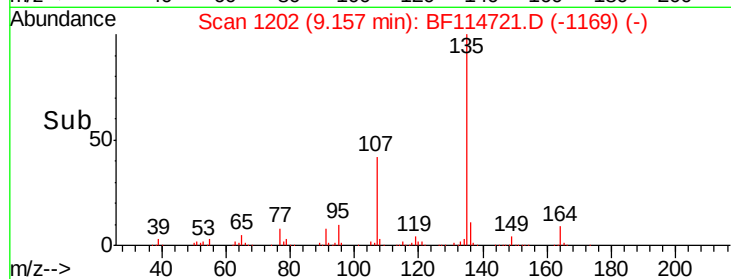
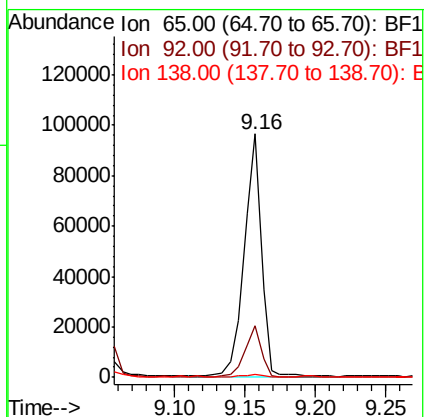
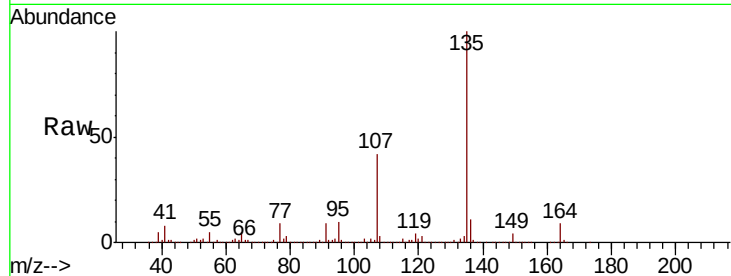




#48
2-Nitroaniline
Concen: 5.504 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.11 min
Lab File: BF114721.D
Acq: 31 May 2019 21:54

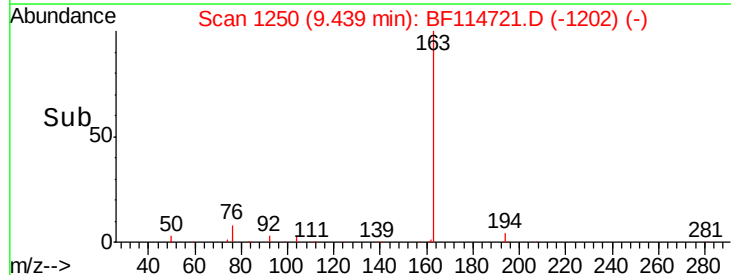
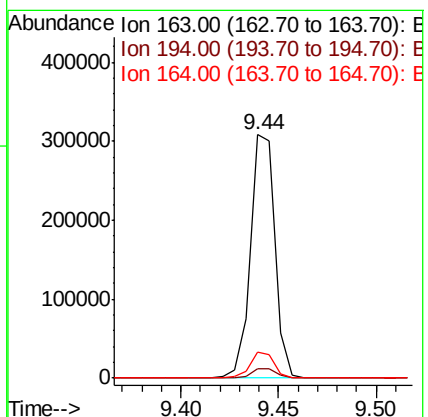
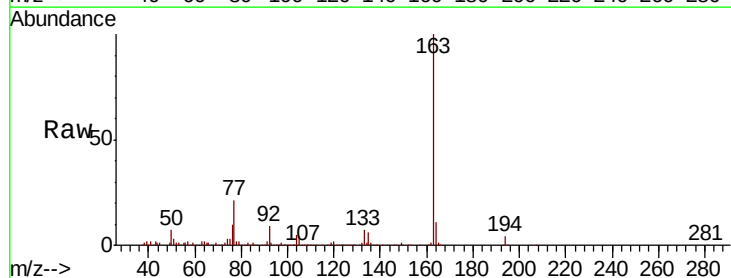
Instrument :
BNA_F
ClientSampleId :
MW5-R1-1

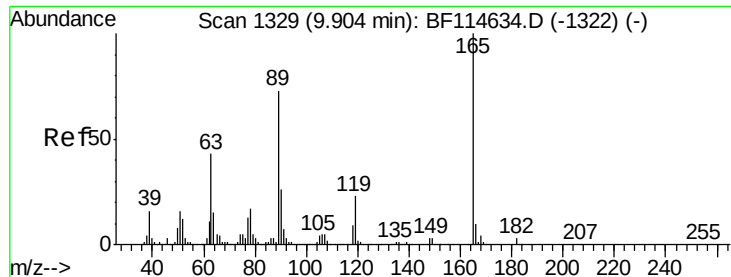
Tgt Ion: 65 Resp: 81690
Ion Ratio Lower Upper
65 100
92 21.0 57.1 85.7#
138 1.0 95.8 143.6#



#50
Dimethylphthalate
Concen: 4.865 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114721.D
Acq: 31 May 2019 21:54

Tgt Ion: 163 Resp: 267762
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.5 8.6 13.0

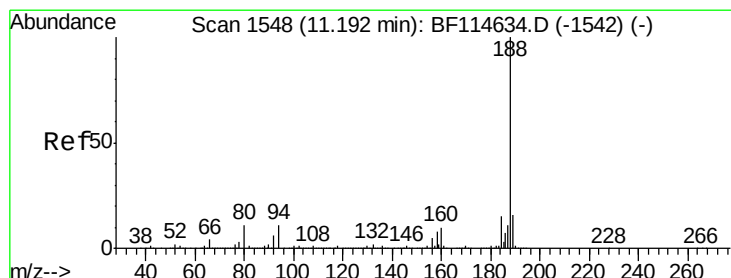
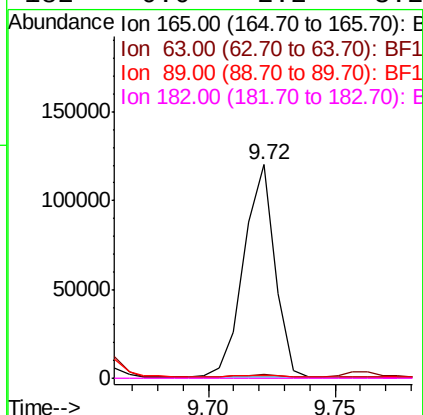
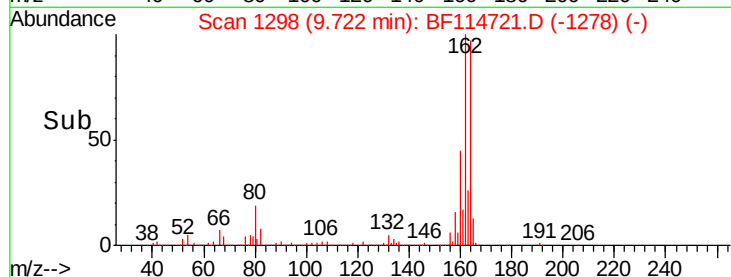
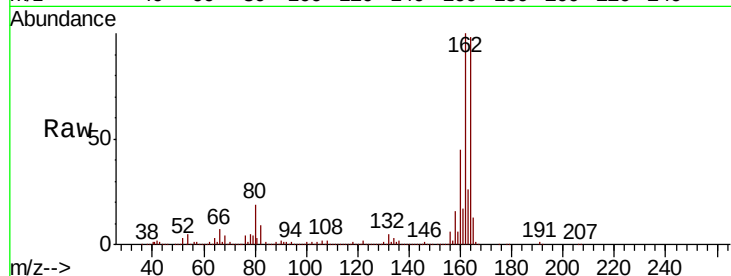




#57
 2,4-Dinitrotoluene
 Concen: 6.250 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.18 min
 Lab File: BF114721.D
 Acq: 31 May 2019 21:54

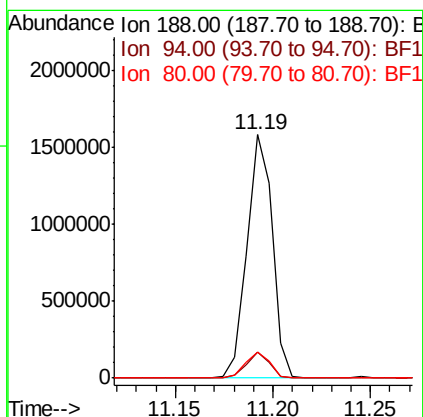
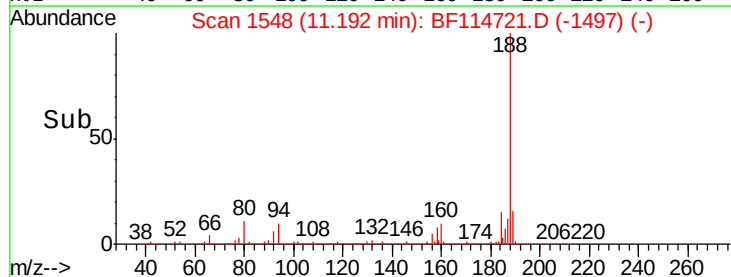
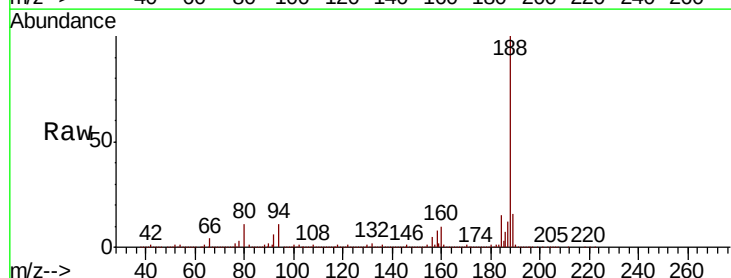
Instrument :
 BNA_F
 ClientSampleId :
 MW5-R1-1

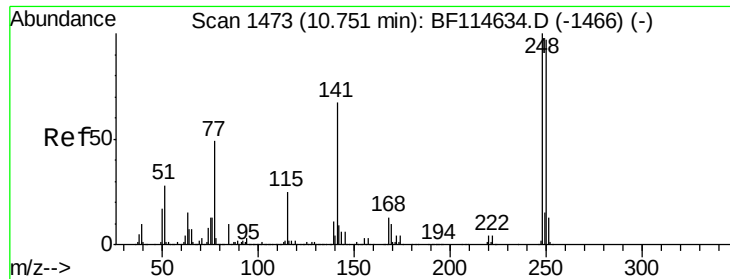
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.8	52.2#
89	1.5	58.5	87.7#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF114721.D
 Acq: 31 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.6	13.0
80	10.7	9.0	13.6

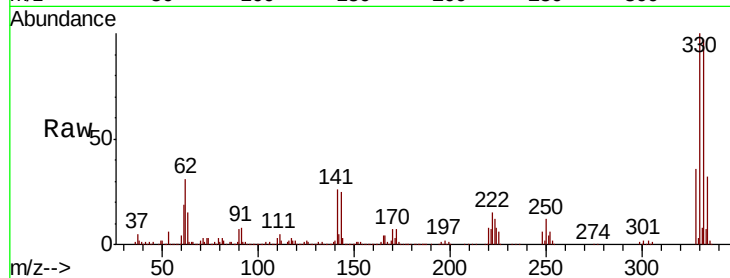




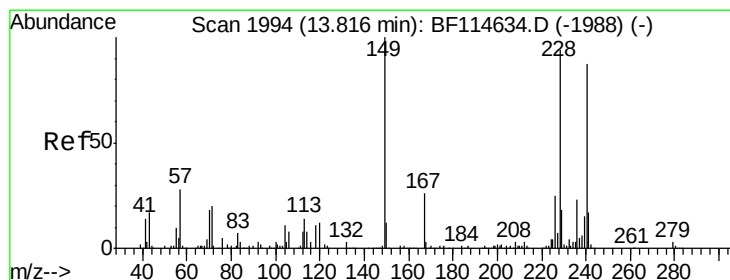
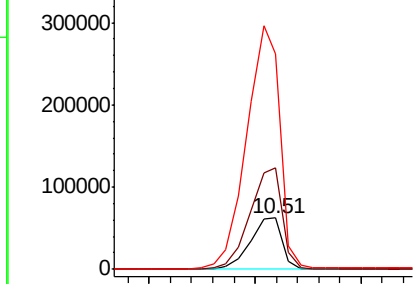
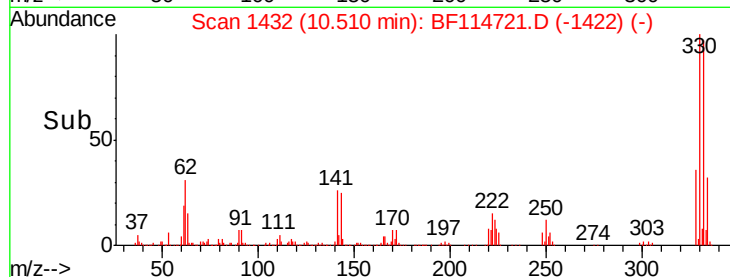
#67
 4-Bromophenyl-phenylether
 Concen: 4.276 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.24 min
 Lab File: BF114721.D
 Acq: 31 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 MW5-R1-1

Tgt Ion:248 Resp: 65412
 Ion Ratio Lower Upper
 248 100
 250 199.9 78.0 117.0#
 141 421.5 53.8 80.8#

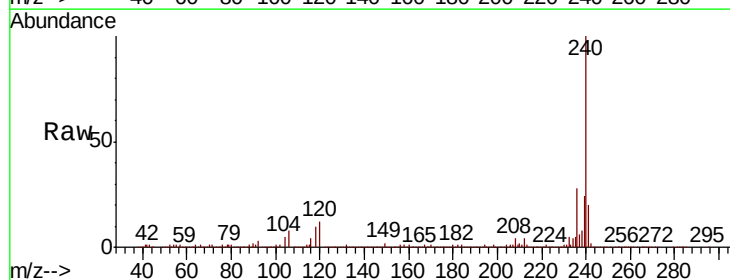


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

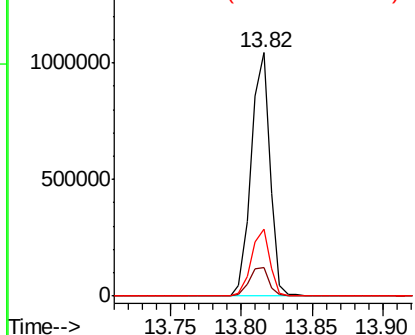
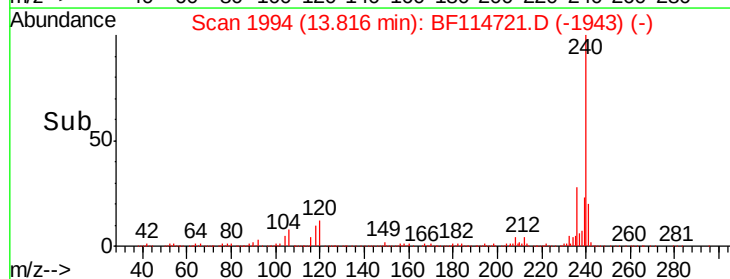


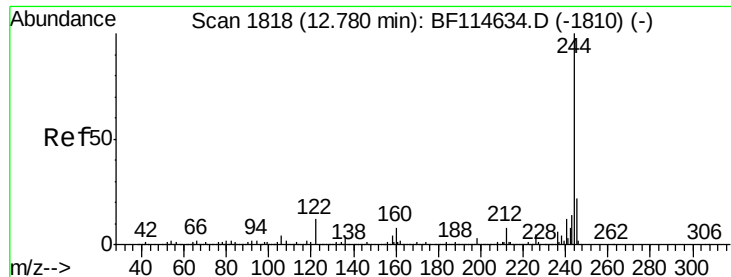
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF114721.D
 Acq: 31 May 2019 21:54

Tgt Ion:240 Resp: 978663
 Ion Ratio Lower Upper
 240 100
 120 11.7 11.2 16.8
 236 27.6 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: 75.322 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114721.D

Acq: 31 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

MW5-R1-1

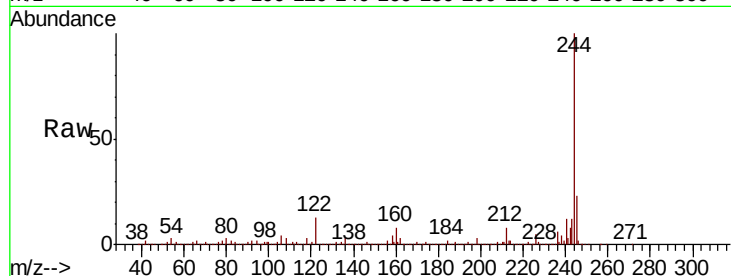
Tgt Ion:244 Resp: 3920675

Ion Ratio Lower Upper

244 100

212 8.0 6.1 9.1

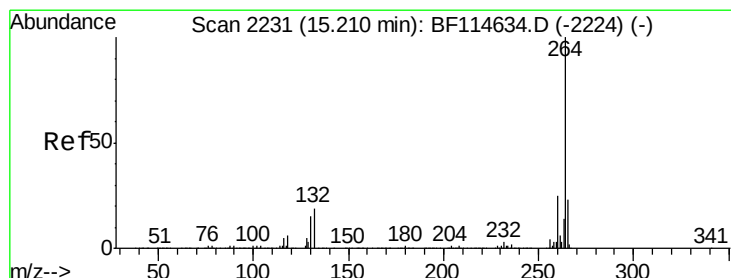
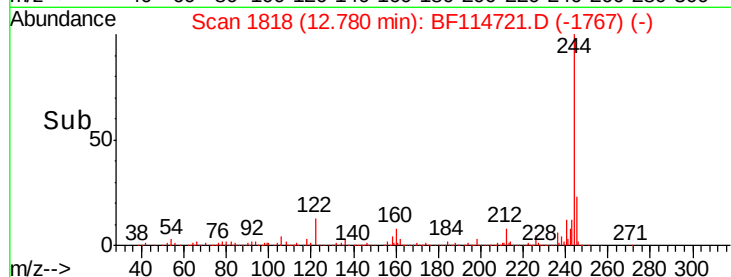
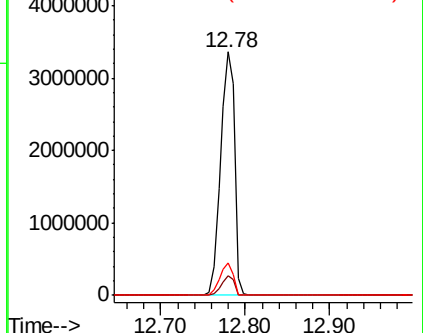
122 13.1 9.8 14.8



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: BF114721.D

Acq: 31 May 2019 21:54

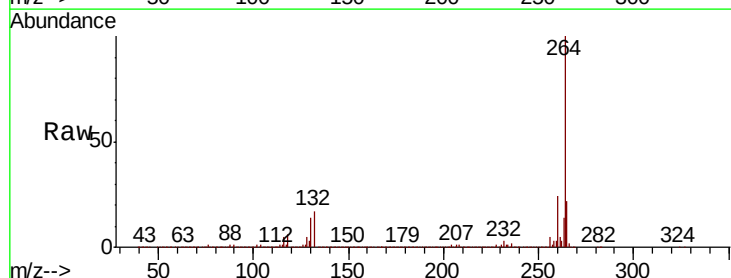
Tgt Ion:264 Resp: 866613

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.8 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

