

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 01:44:10 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

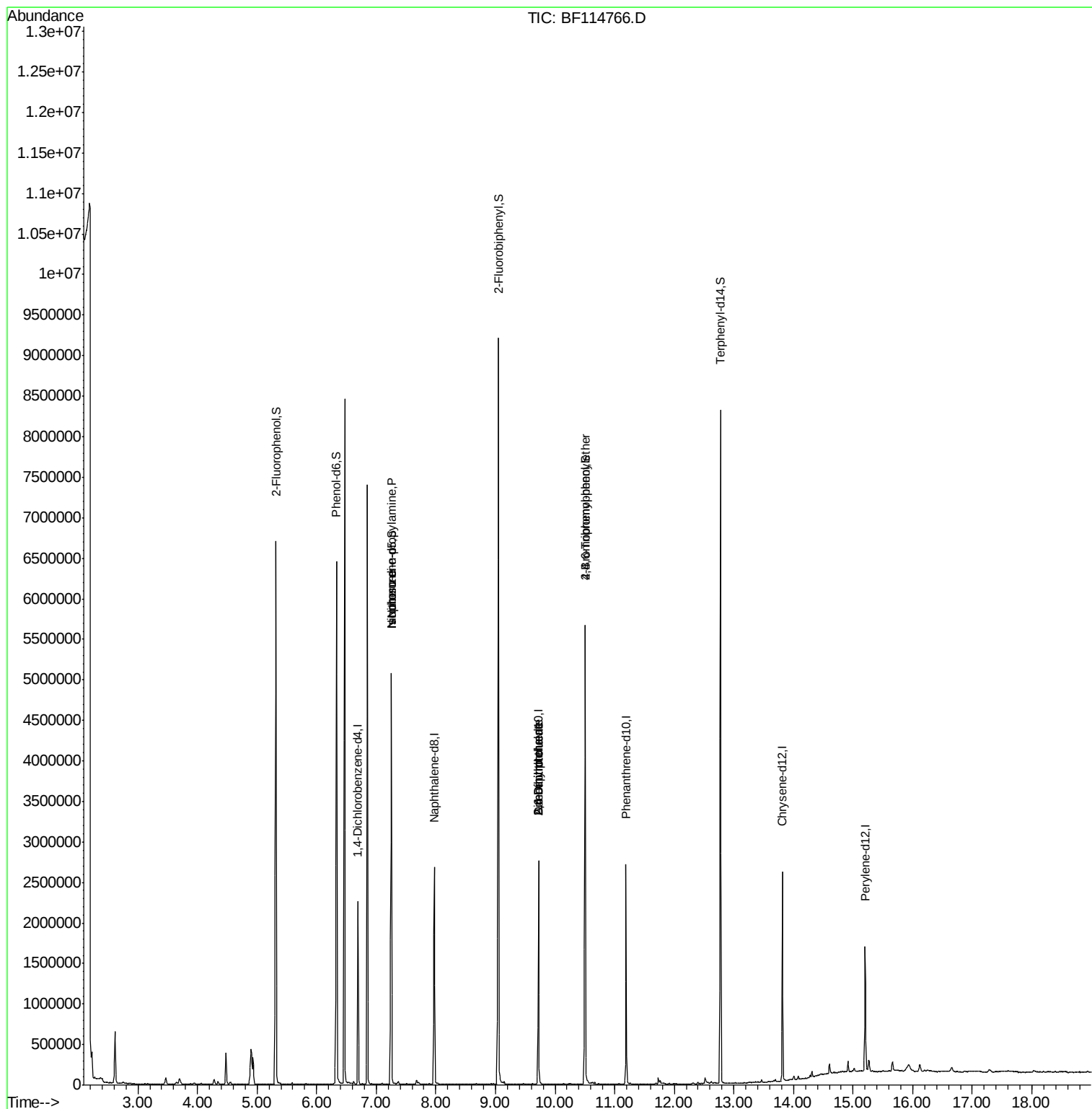
Target Compounds				Qvalue		
9) Benzaldehyde	6.33	77	4376	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	269330	15.828 ng	#	74
25) Isophorone	7.26	82	1860367	44.991 ng	#	63
50) Dimethylphthalate	9.72	163	156553	4.050 ng	#	1
51) 2,6-Dinitrotoluene	9.72	165	72515	8.074 ng	#	31
57) 2,4-Dinitrotoluene	9.72	165	72515	6.291 ng	#	24
58) Fluorene	10.26	166	4492	Below Cal		92
61) 4-Chlorophenyl-phenylether	10.48	204	126	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.50	248	46867	4.556 ng	#	1
74) Di-n-butylphthalate	11.76	149	14400	Below Cal		99

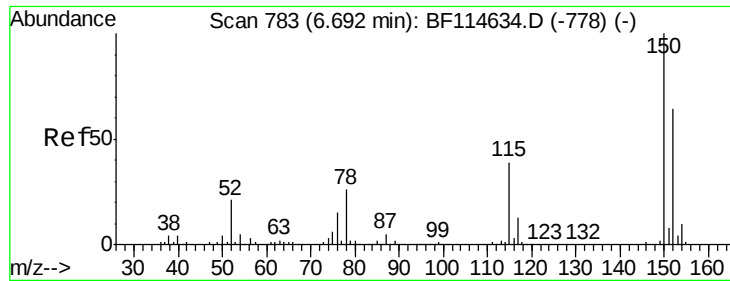
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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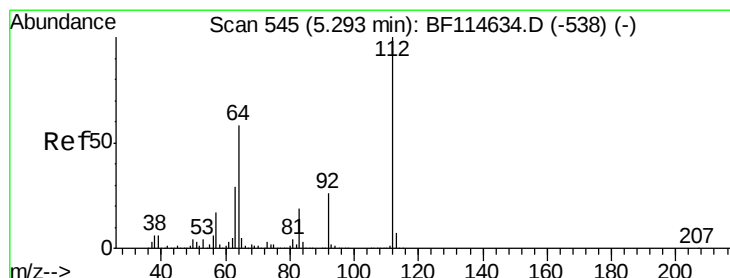
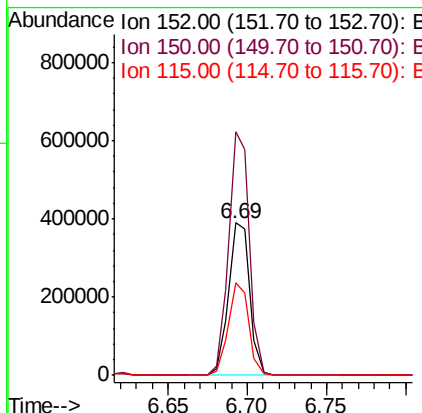
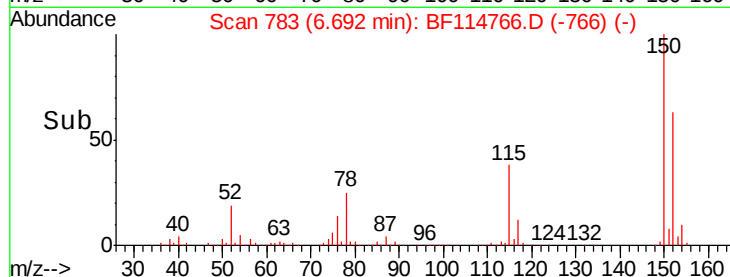
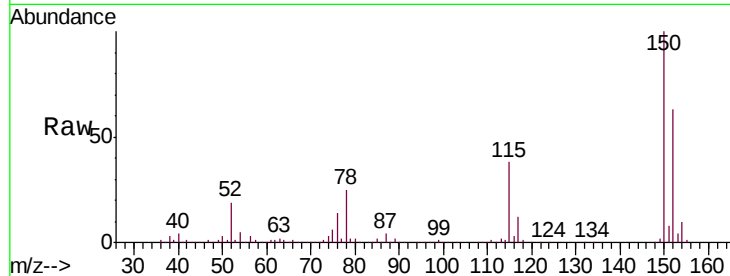


#1

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

Instrument :
BNA_F
ClientSampleId :
101-102

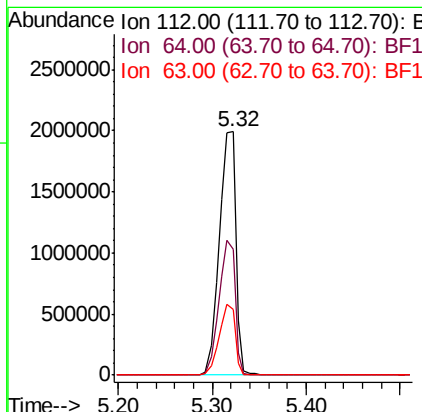
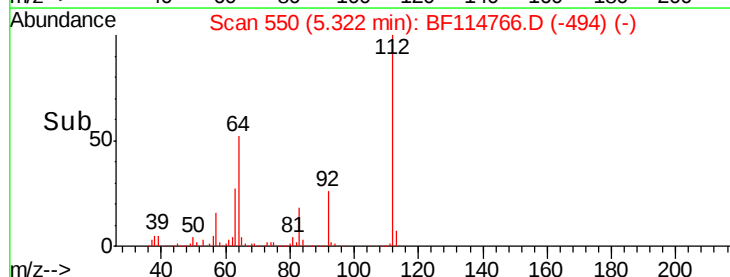
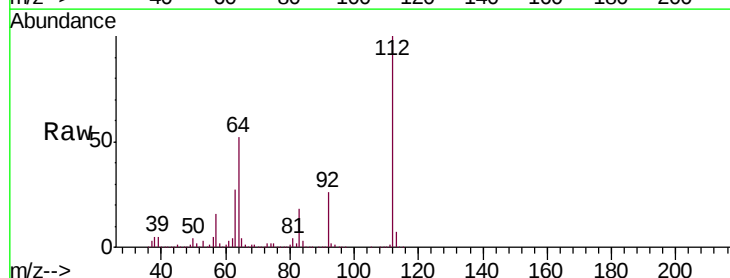
Tgt Ion:152 Resp: 359177
Ion Ratio Lower Upper
152 100
150 159.5 124.4 186.6
115 60.9 48.7 73.1

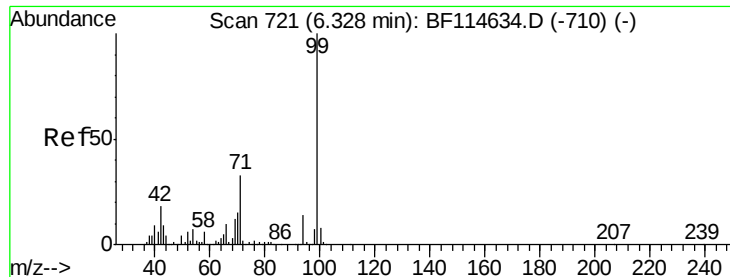


#5

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

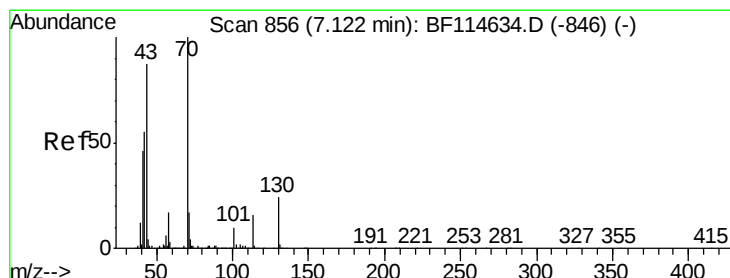
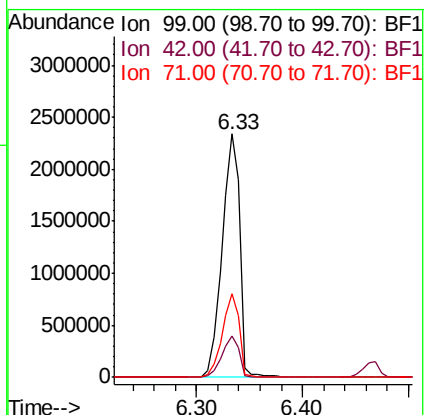
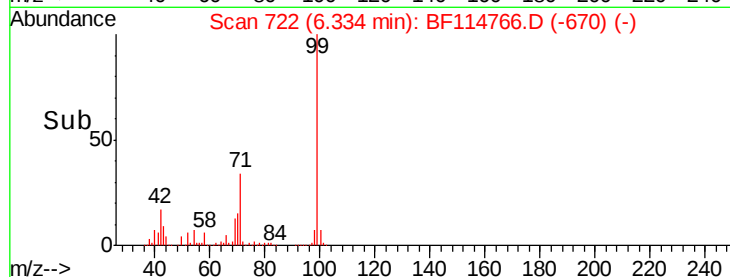
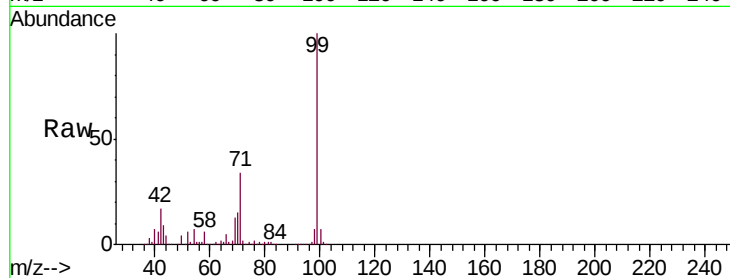
Tgt Ion: 99 Resp: 2720186

Ion Ratio Lower Upper

99 100

42 17.2 14.7 22.1

71 34.5 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.828 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114766.D

Acq: 1 Jun 2019 20:15

Tgt Ion: 70 Resp: 269330

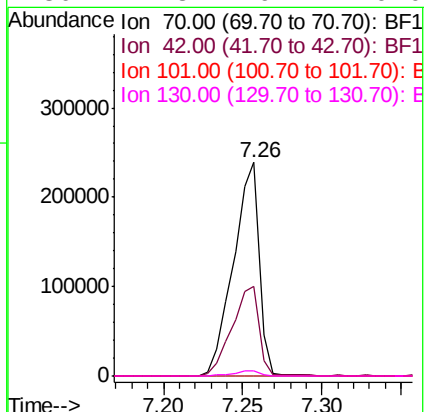
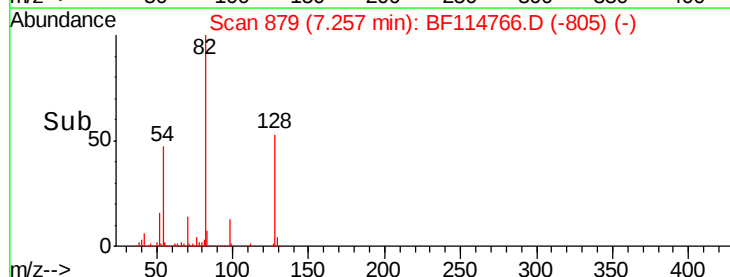
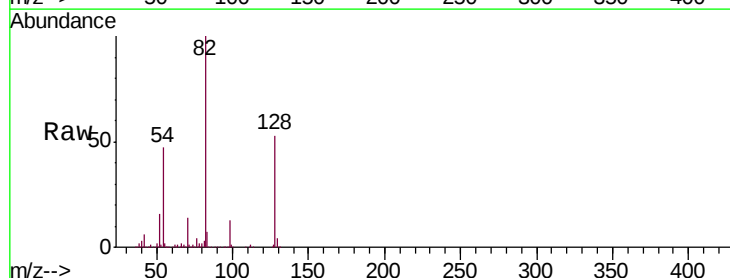
Ion Ratio Lower Upper

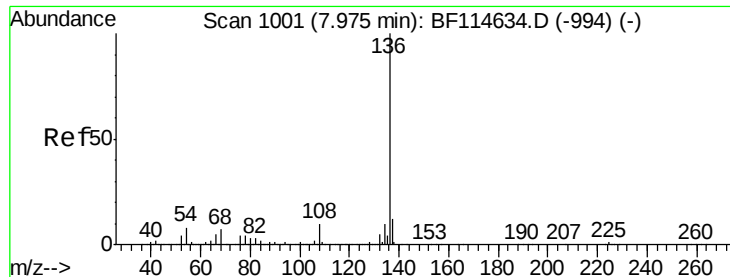
70 100

42 42.1 44.4 66.6#

101 0.0 8.2 12.4#

130 2.3 19.4 29.0#



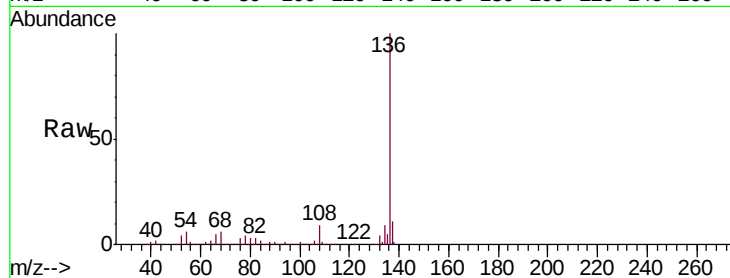


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114766.D
Acq: 1 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
101-102

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

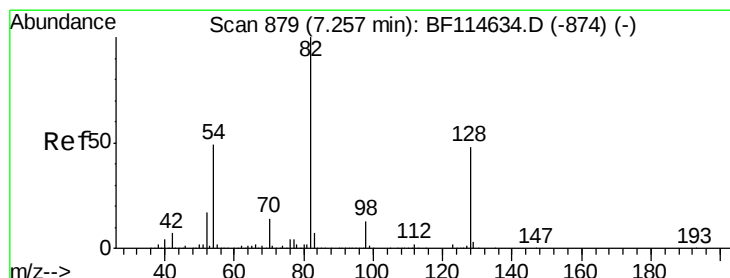
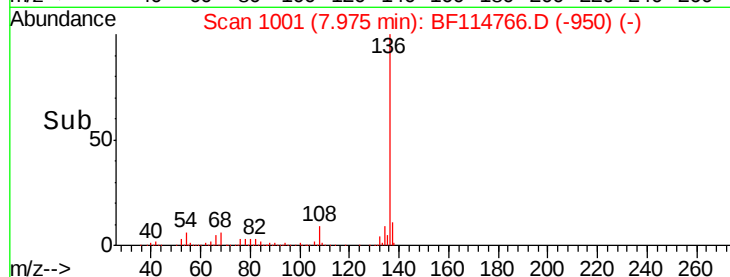
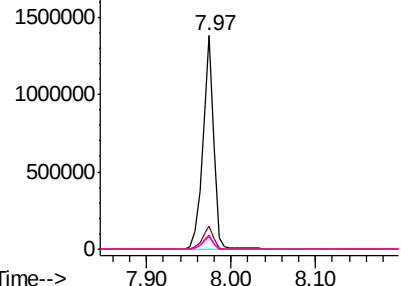


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

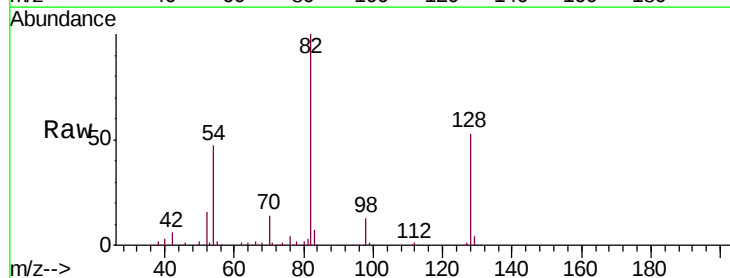
Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 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

Tgt Ion: 82 Resp: 1969537

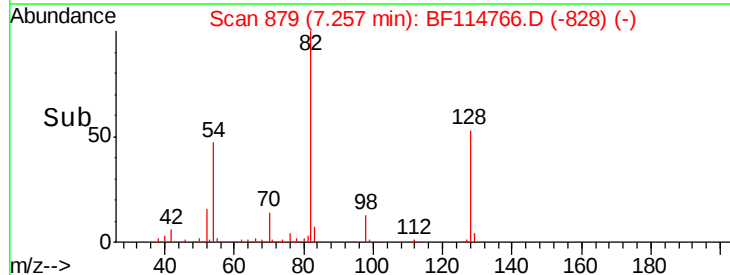
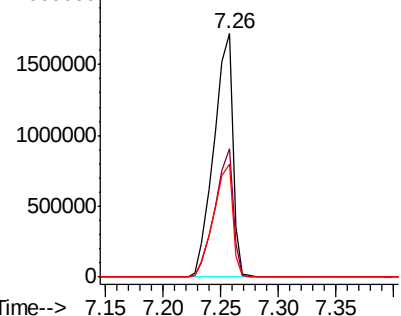
Ion	Ratio	Lower	Upper
82	100		
128	52.7	38.5	57.7
54	46.6	39.1	58.7

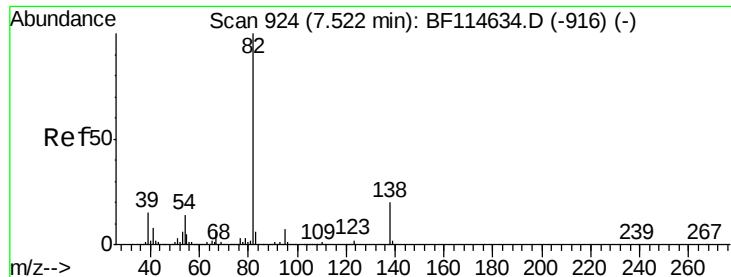


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.991 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114766.D

Acq: 1 Jun 2019 20:15

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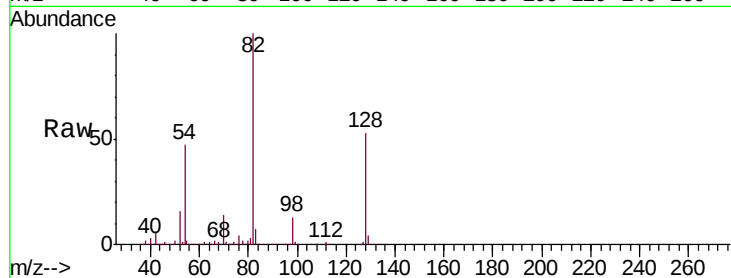
Tgt Ion: 82 Resp: 1860367

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

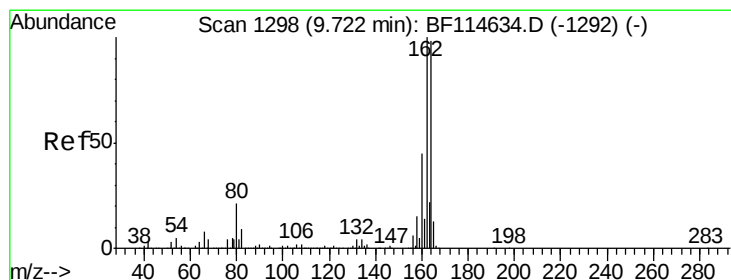
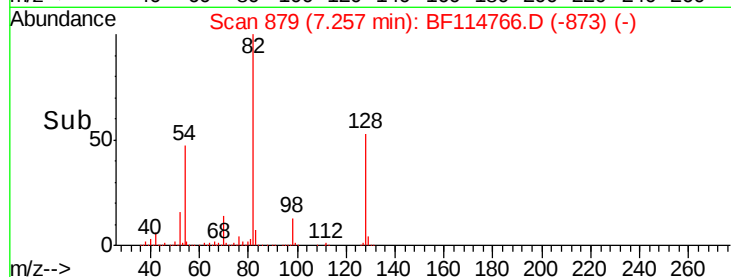
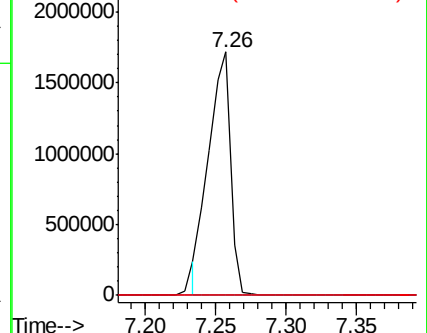
138 0.0 15.9 23.9#



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: BF114766.D

Acq: 1 Jun 2019 20:15

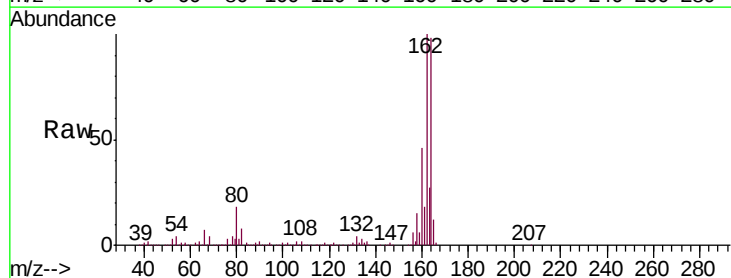
Tgt Ion: 164 Resp: 554689

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.2

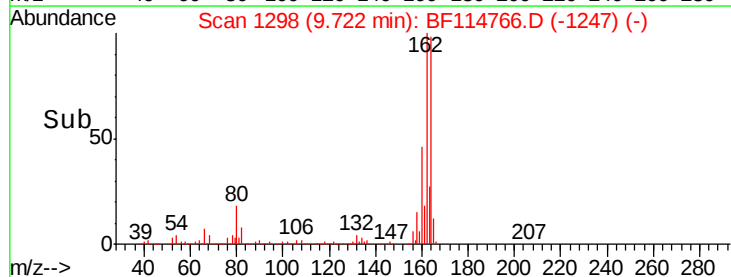
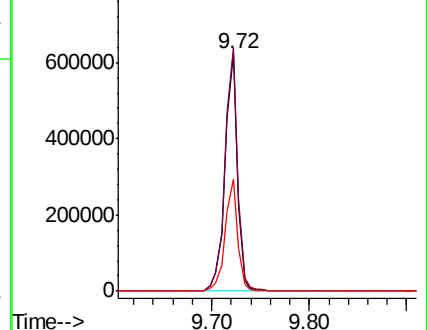
160 47.1 36.6 54.8

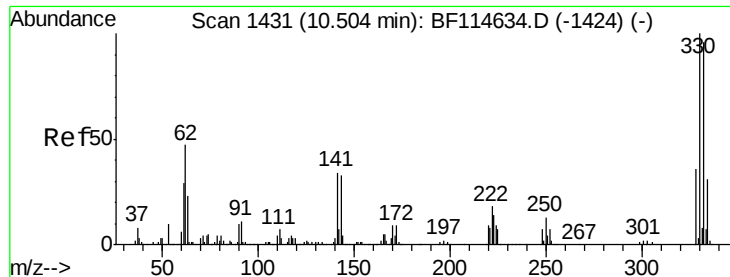


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

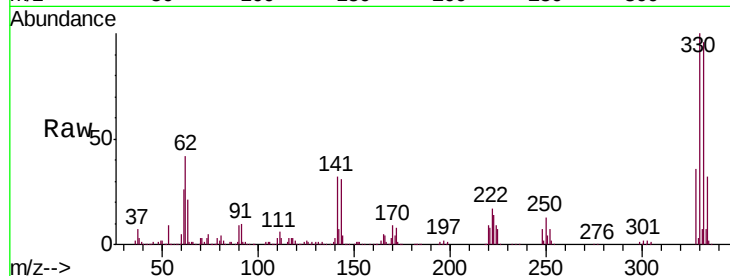




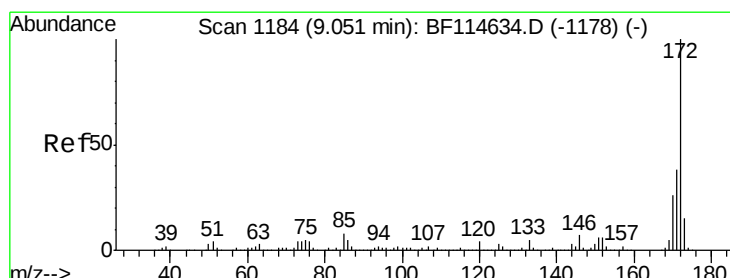
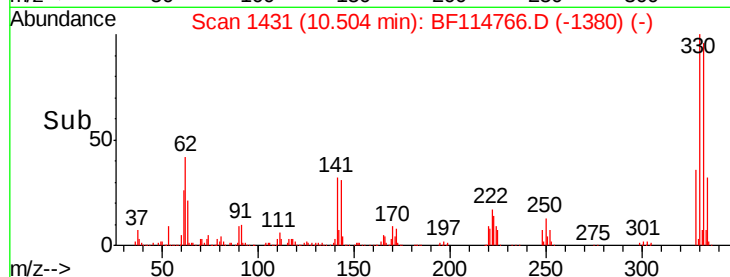
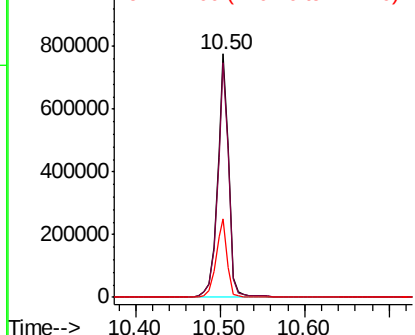
#42
 2,4,6-Tribromophenol
 Concen: 139.146 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114766.D
 Acq: 1 Jun 2019 20:15

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

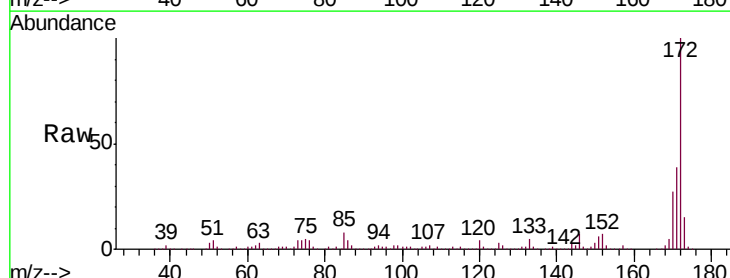


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#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

