

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114627.D
 Acq On : 26 May 2019 3:14
 Operator : JU/SJ
 Sample : PB1120038BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BL

Quant Time: May 27 01:25:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

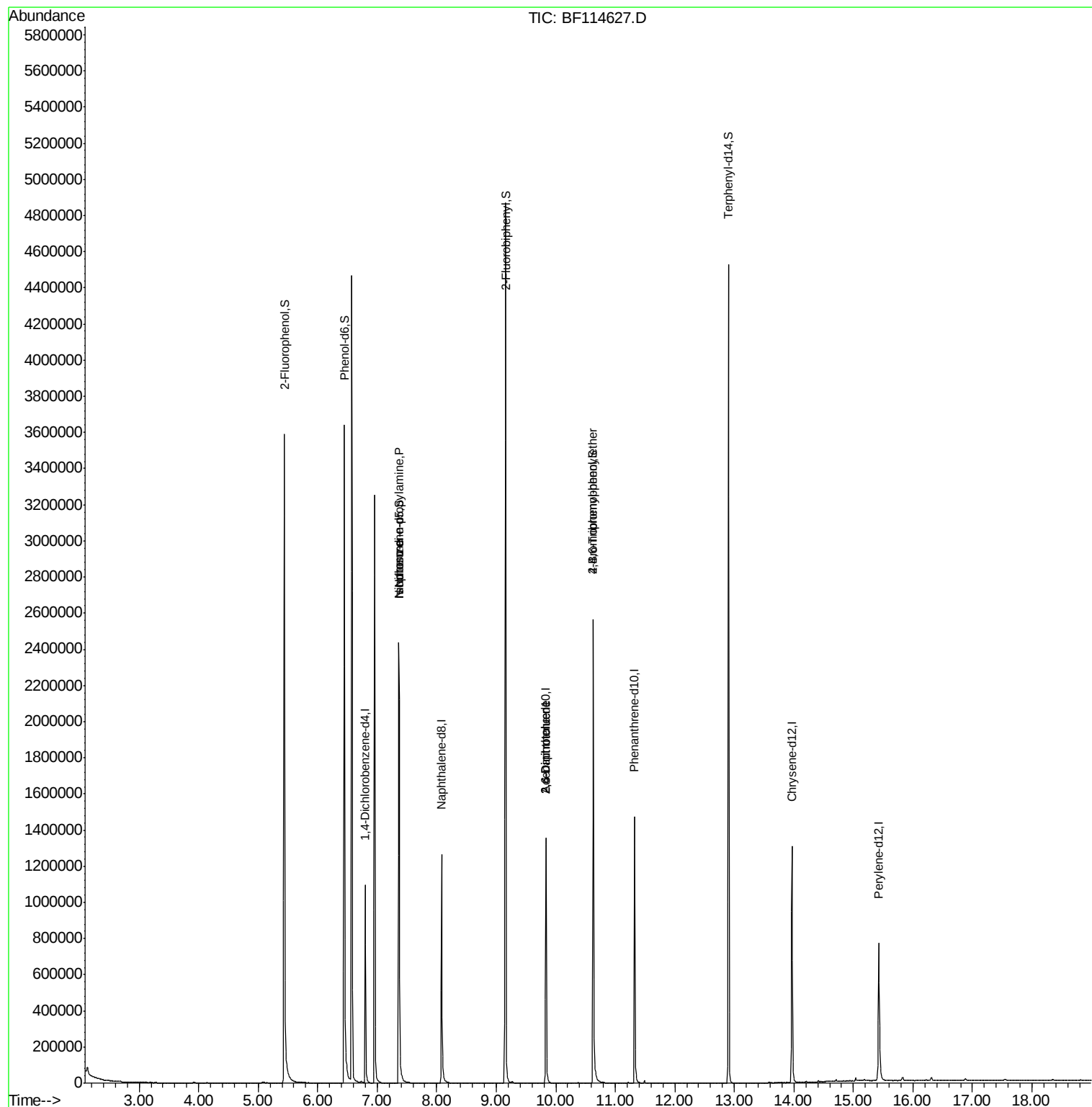
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	169725	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	648702	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	307075	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	625470	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	460036	20.00	ng	-0.02
87) Perylene-d12	15.43	264	432325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1114430	105.67	ng	0.00
7) Phenol-d6	6.45	99	1470890	117.92	ng	-0.02
23) Nitrobenzene-d5	7.36	82	879100	76.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	330207	104.01	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1599329	78.78	ng	-0.02
79) Terphenyl-d14	12.90	244	1602813	71.82	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	115342	14.588	ng	# 77
25) Isophorone	7.36	82	879096	41.007	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	38151	7.630	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	38151	5.622	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	21552	3.130	ng	# 1

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

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Quant Time: May 27 01:25:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

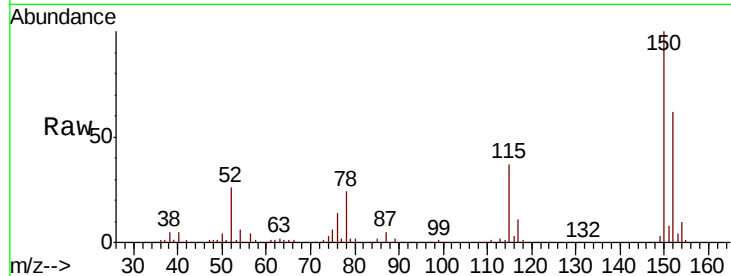




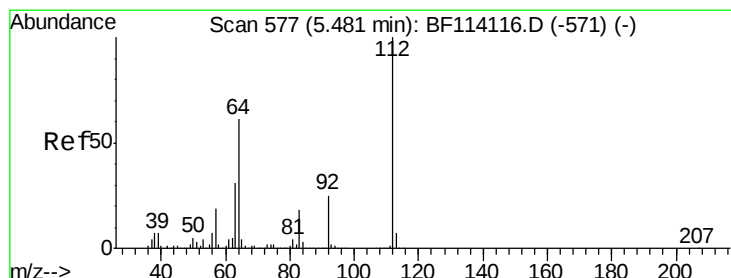
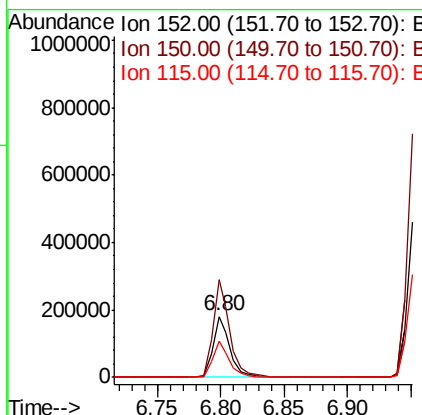
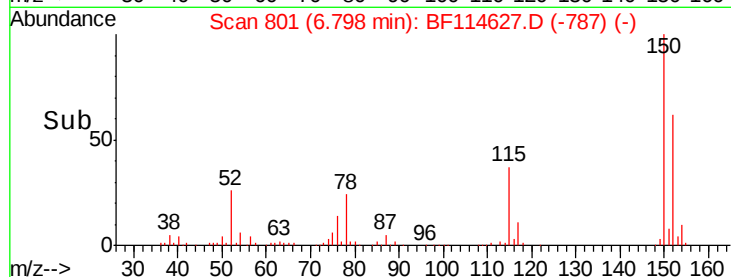
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF114627.D
 Acq: 26 May 2019 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BL

Tot Ion:152 Resp: 169725
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.3 186.5
 115 60.2 49.1 73.7

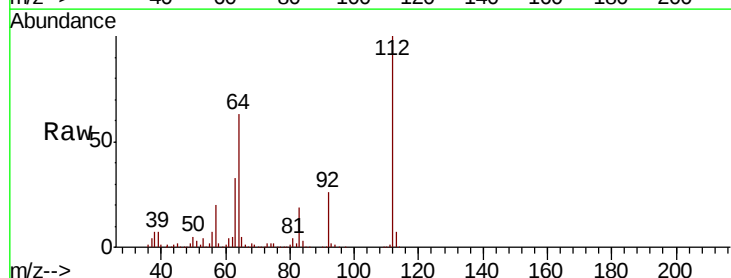


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

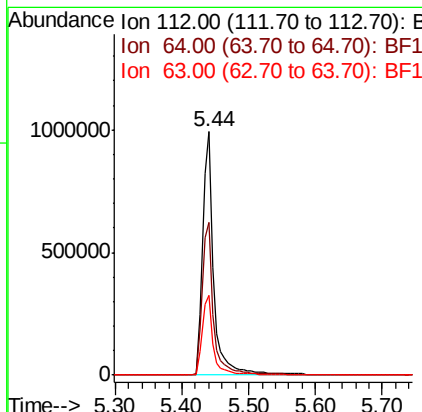
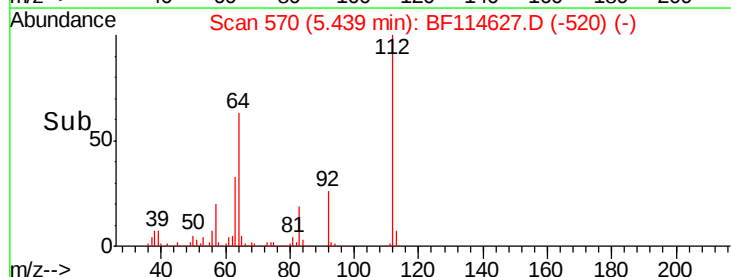


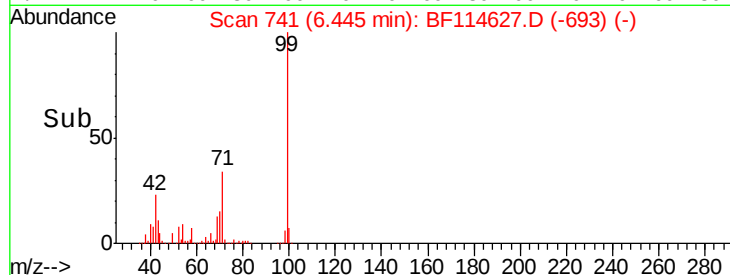
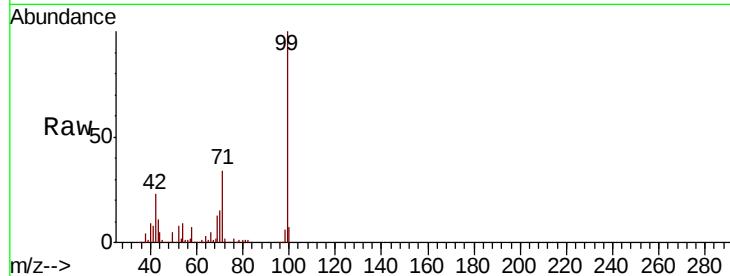
#5
 2-Fluorophenol
 Concen: 105.666 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF114627.D
 Acq: 26 May 2019 3:14

Tgt Ion:112 Resp: 1114430
 Ion Ratio Lower Upper
 112 100
 64 62.9 49.0 73.6
 63 32.8 24.6 37.0



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: 117.917 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF114627.D

Acq: 26 May 2019 3:14

Instrument :

BNA_F

ClientSampleId :

PB120038BL

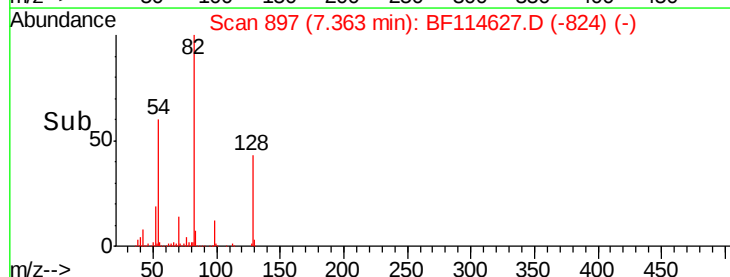
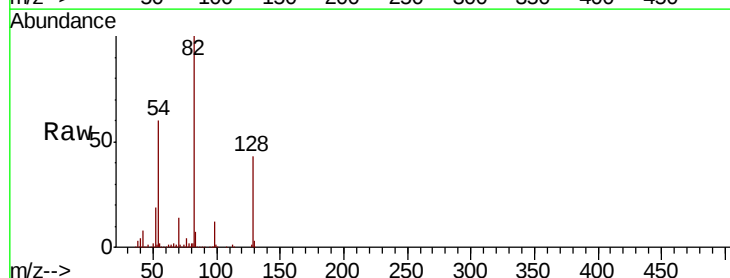
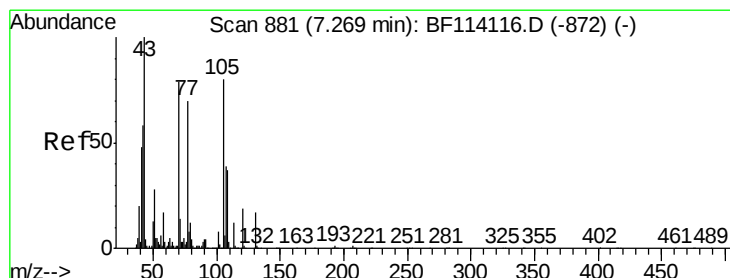
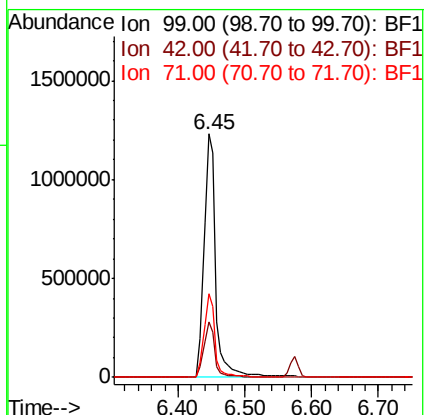
Tot Ion: 99 Resp: 1470890

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

71 34.4 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.588 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF114627.D

Acq: 26 May 2019 3:14

Tgt Ion: 70 Resp: 115342

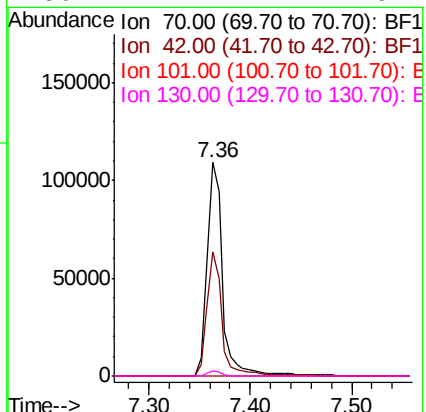
Ion Ratio Lower Upper

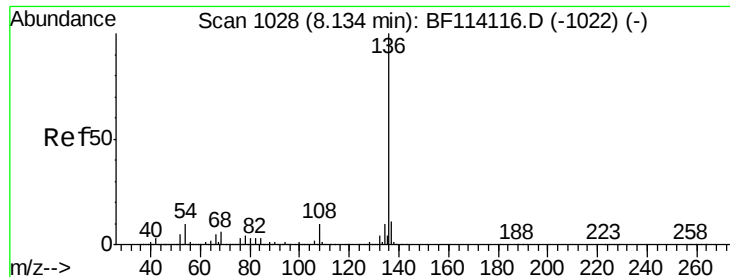
70 100

42 58.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.4 17.1 25.7#

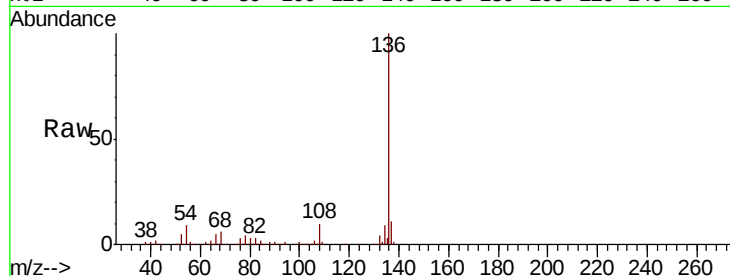




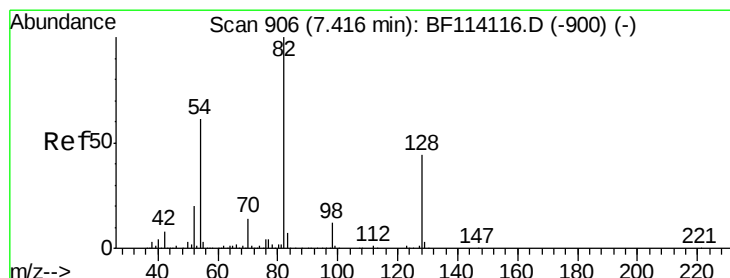
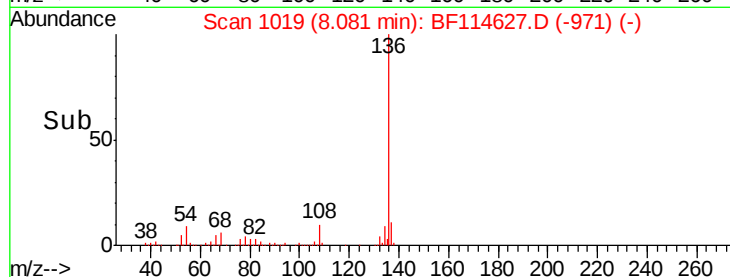
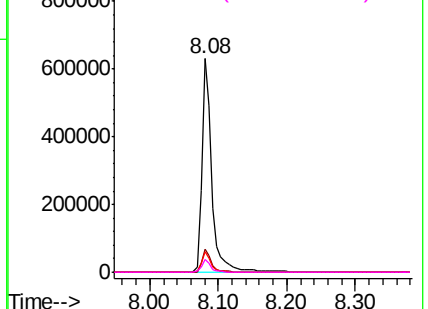
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114627.D
Acq: 26 May 2019 3:14

Instrument :
BNA_F
ClientSampleId :
PB120038BL

Tot Ion:136	Resp: 648702
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 9.4	7.8 11.8
68 5.8	5.1 7.7

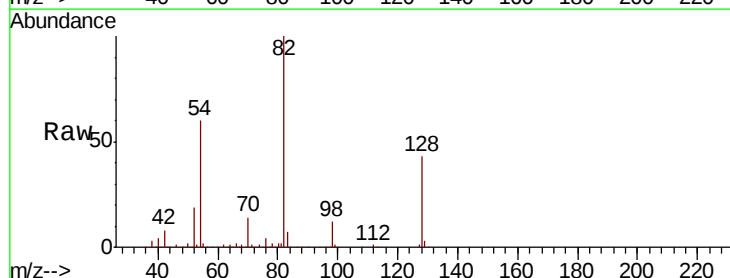


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

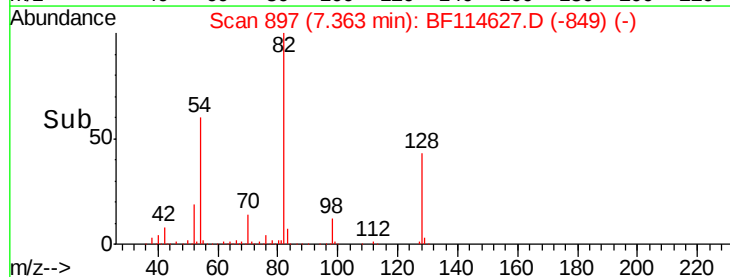
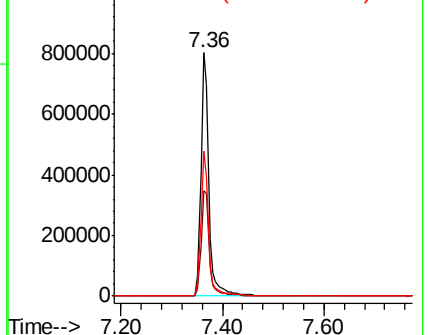


#23
Nitrobenzene-d5
Concen: 76.052 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114627.D
Acq: 26 May 2019 3:14

Tgt Ion: 82	Resp: 879100
Ion Ratio	Lower Upper
82 100	
128 43.4	35.5 53.3
54 59.6	48.5 72.7



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: 41.007 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF114627.D

Acq: 26 May 2019 3:14

Instrument :

BNA_F

ClientSampleId :

PB120038BL

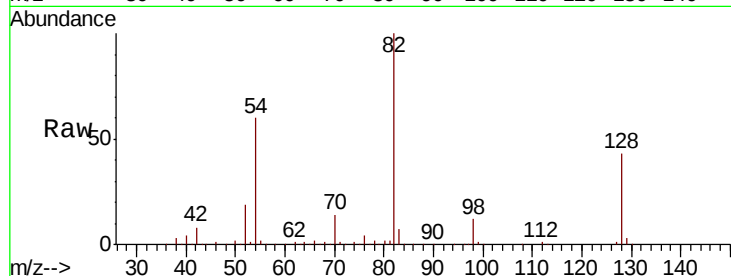
Tot Ion: 82 Resp: 879096

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

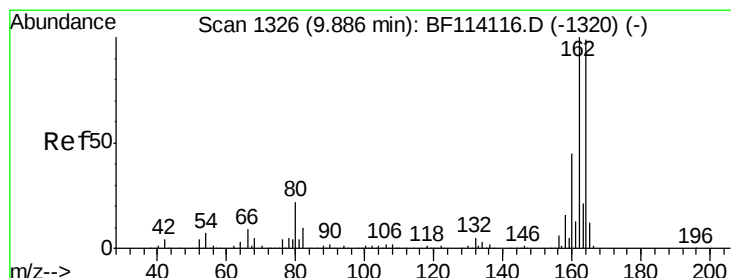
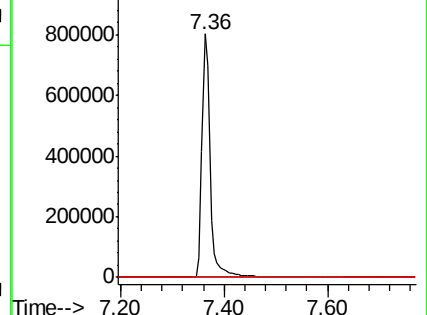
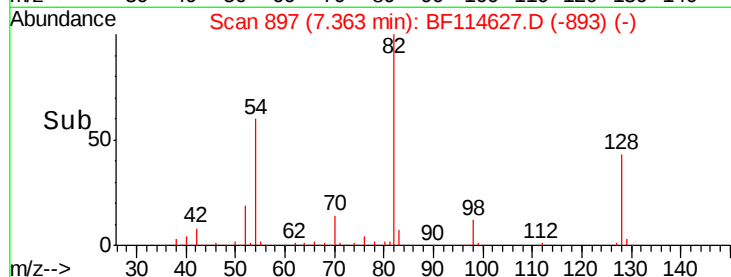
138 0.0 14.8 22.2#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF114627.D

Acq: 26 May 2019 3:14

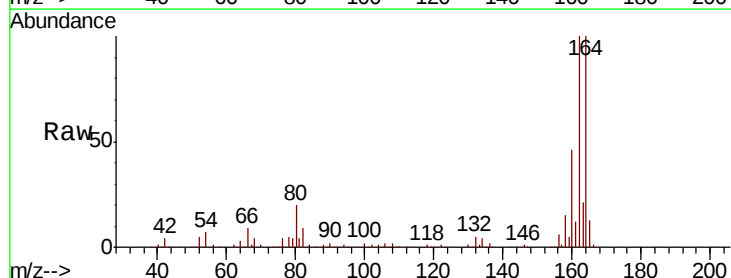
Tgt Ion: 164 Resp: 307075

Ion Ratio Lower Upper

164 100

162 100.2 80.6 120.8

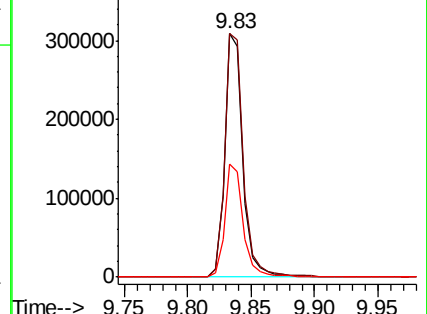
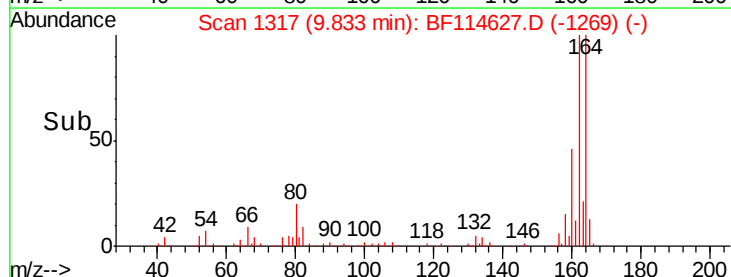
160 46.3 36.5 54.7

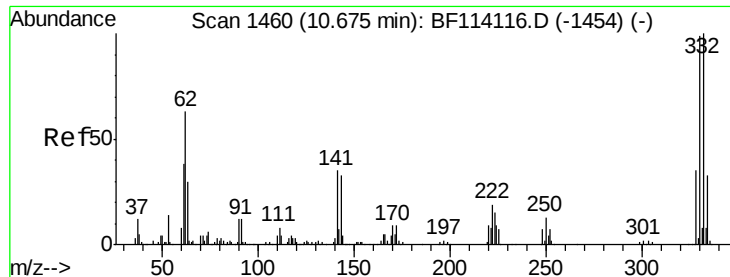


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 104.014 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF114627.D

Acq: 26 May 2019 3:14

Instrument :

BNA_F

ClientSampleId :

PB120038BL

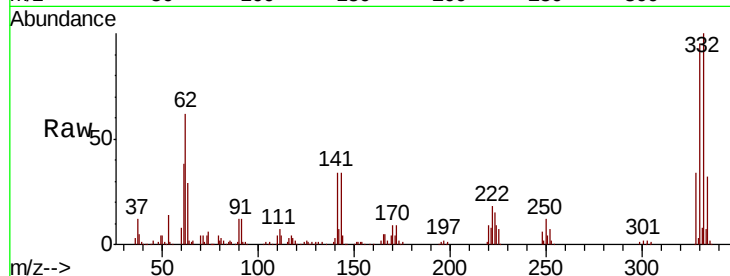
Tot Ion:330 Resp: 330207

Ion Ratio Lower Upper

330 100

332 103.1 81.4 122.2

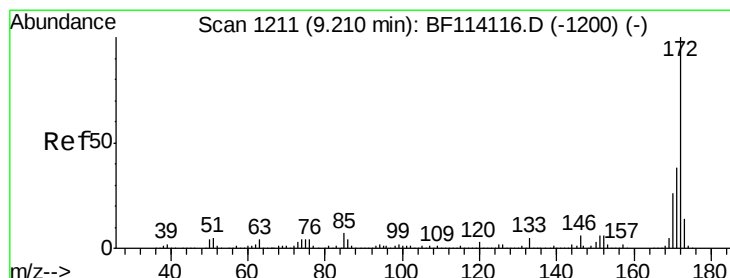
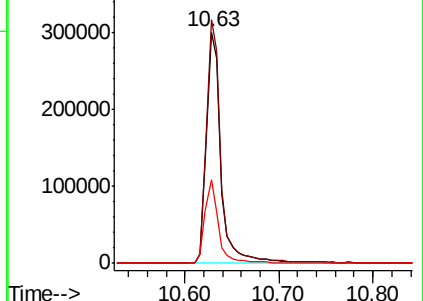
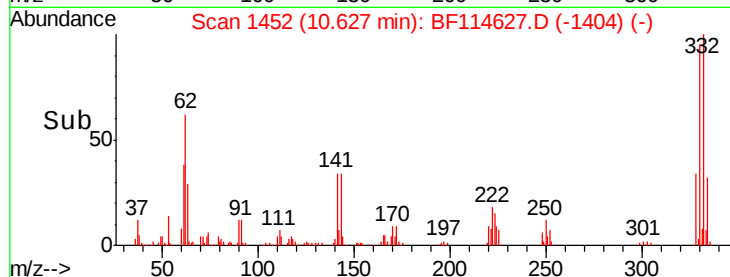
141 33.1 26.6 40.0



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: 78.784 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114627.D

Acq: 26 May 2019 3:14

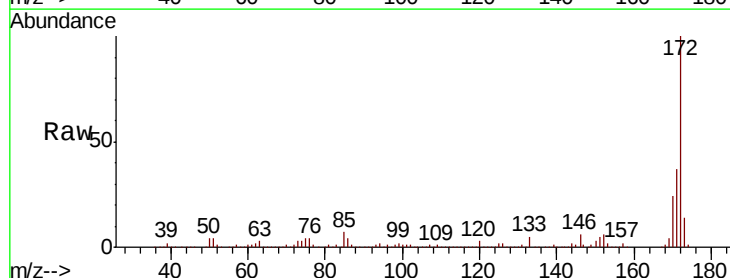
Tgt Ion:172 Resp: 1599329

Ion Ratio Lower Upper

172 100

171 36.5 30.7 46.1

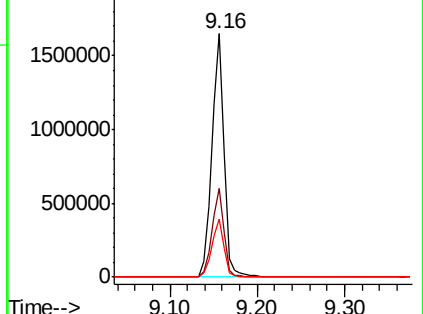
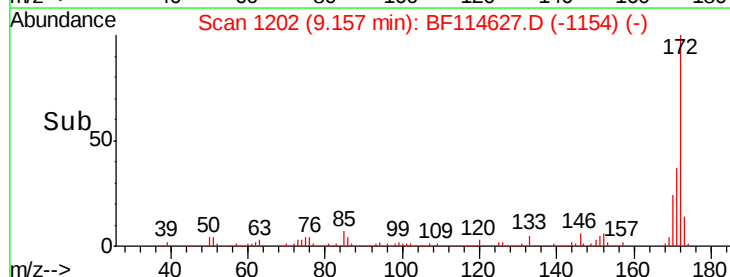
170 24.0 20.5 30.7

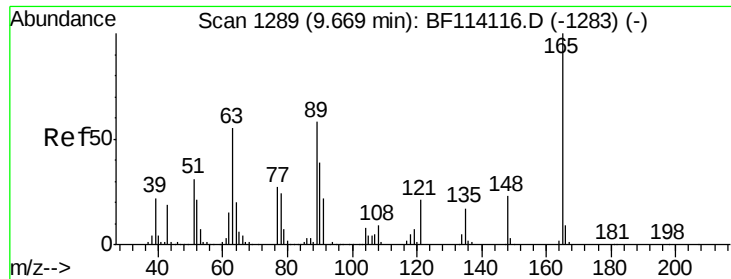


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

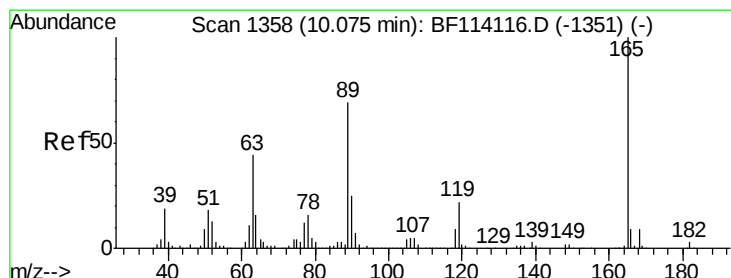
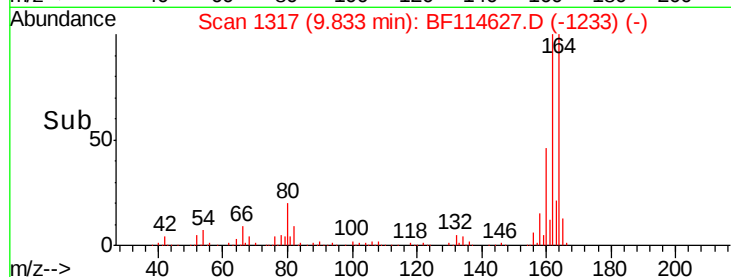
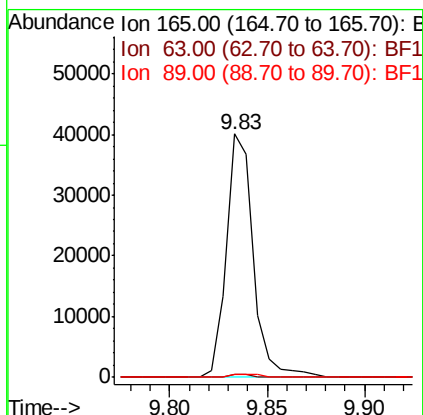
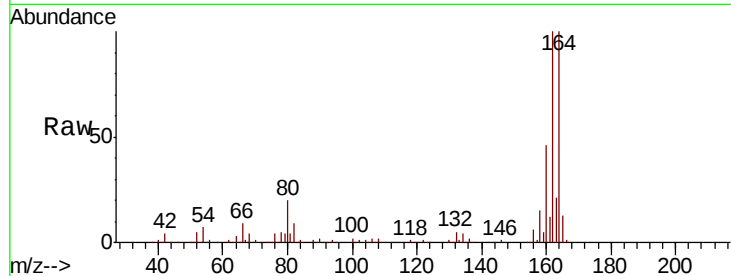




#51
 2,6-Dinitrotoluene
 Concen: 7.630 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114627.D
 Acq: 26 May 2019 3:14

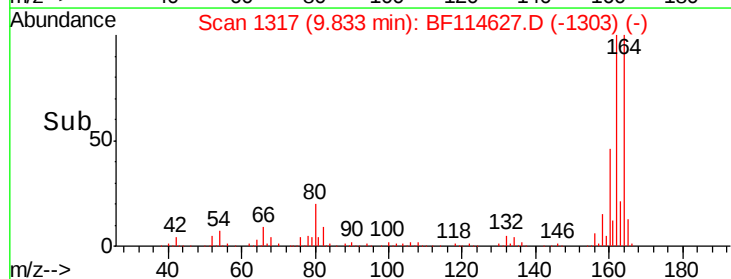
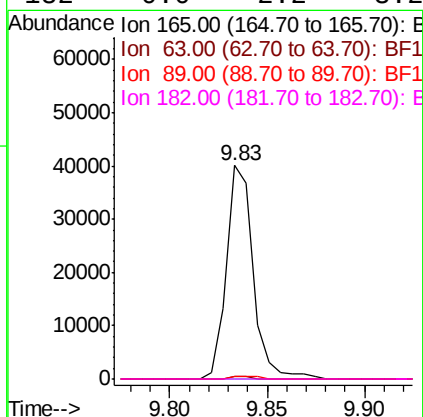
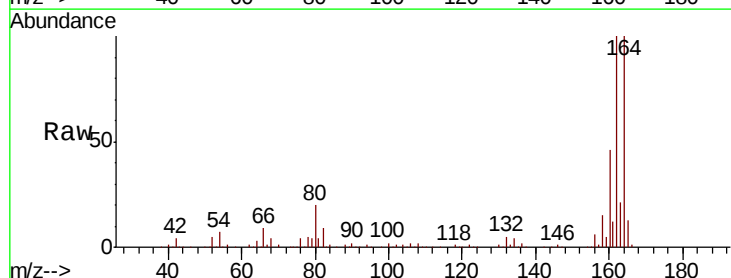
Instrument :
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 PB120038BL

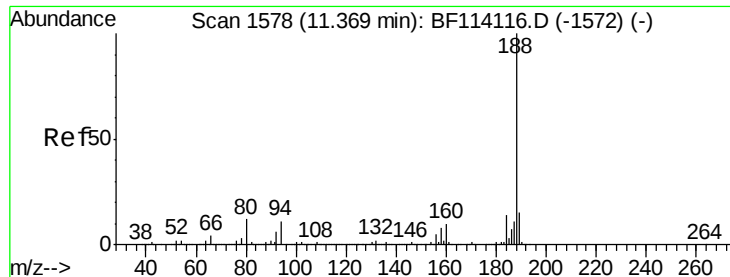
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.2	75.4#
89	1.4	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.622 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF114627.D
 Acq: 26 May 2019 3:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#

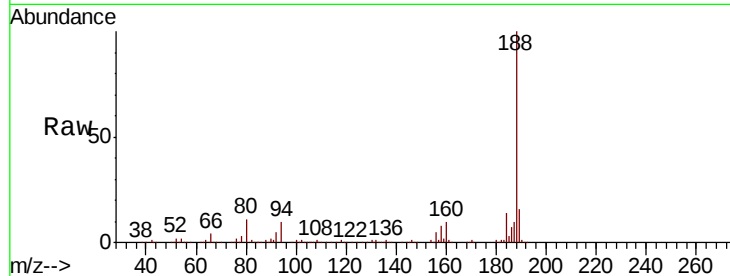




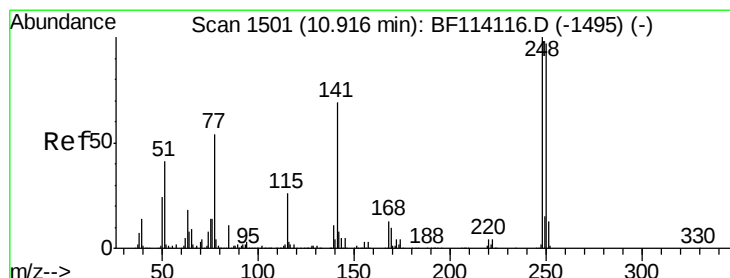
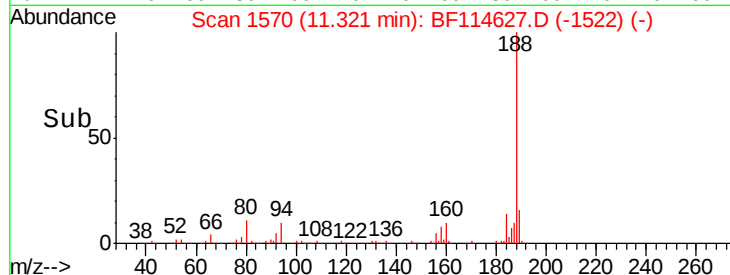
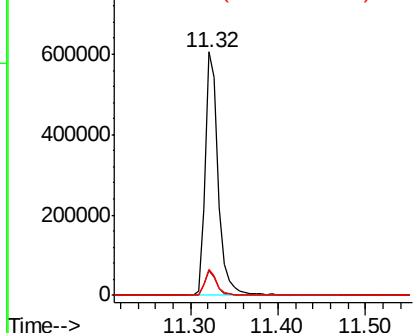
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF114627.D
Acq: 26 May 2019 3:14

Instrument :
BNA_F
ClientSampleId :
PB120038BL

Tot Ion:188 Resp: 625470
Ion Ratio Lower Upper
188 100
94 10.4 8.4 12.6
80 10.7 9.2 13.8

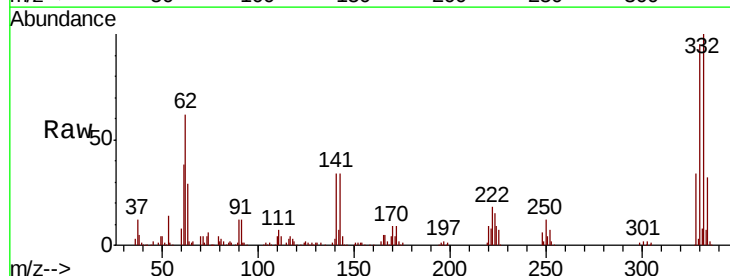


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

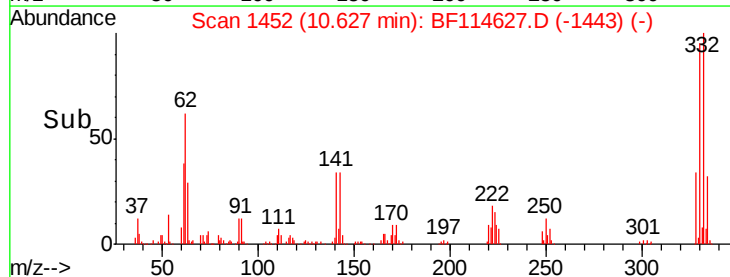
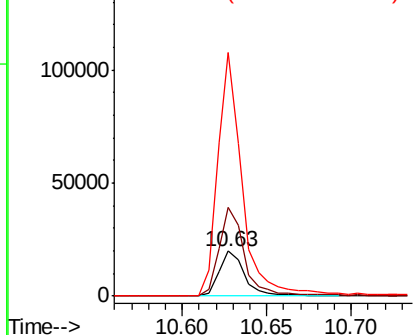


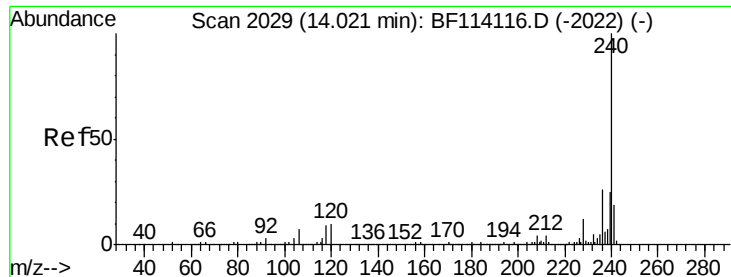
#67
4-Bromophenyl-phenylether
Concen: 3.130 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF114627.D
Acq: 26 May 2019 3:14

Tgt Ion:248 Resp: 21552
Ion Ratio Lower Upper
248 100
250 198.9 77.4 116.2#
141 542.6 55.6 83.4#



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

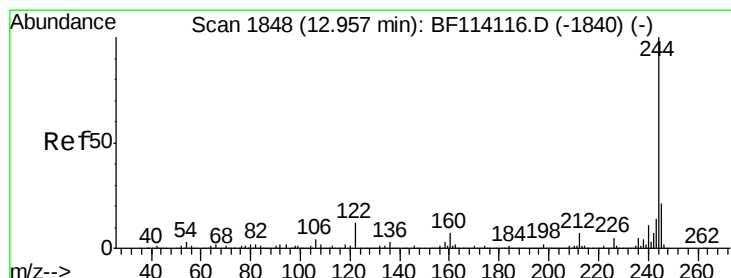
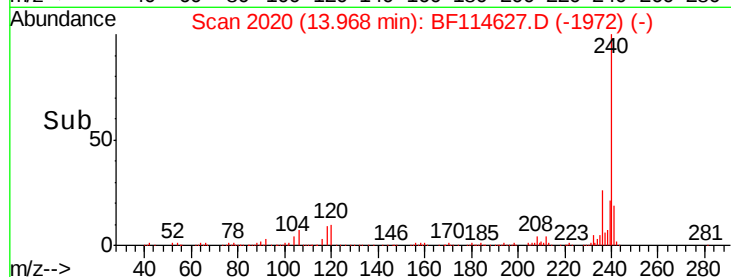
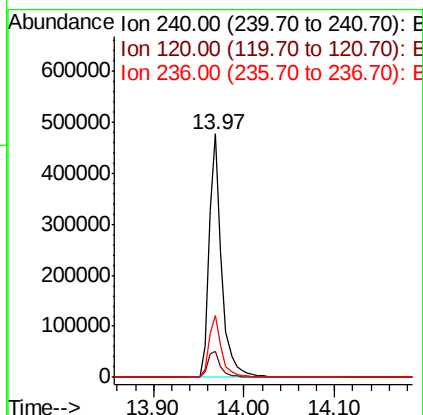
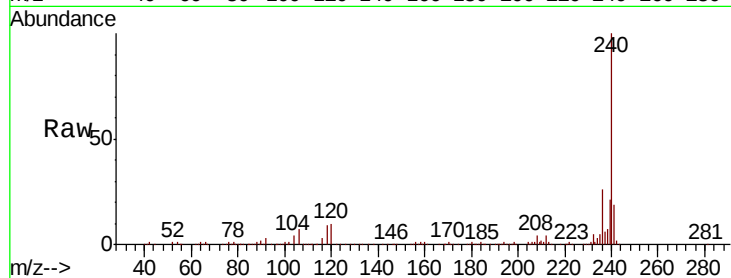




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114627.D
 Acq: 26 May 2019 3:14

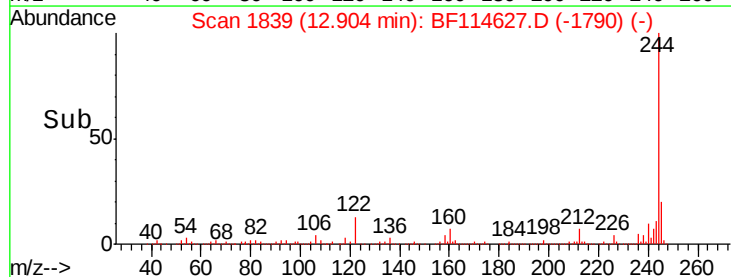
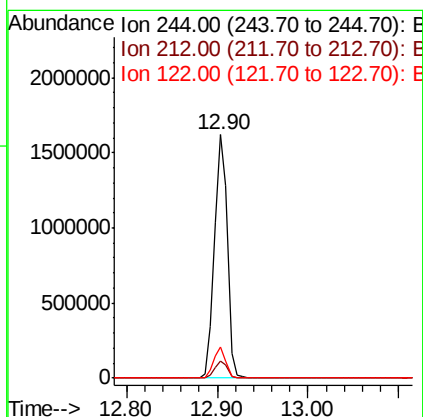
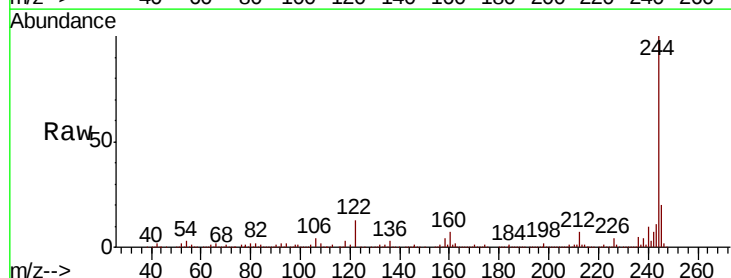
Instrument :
 BNA_F
 ClientSampleId :
 PB120038BL

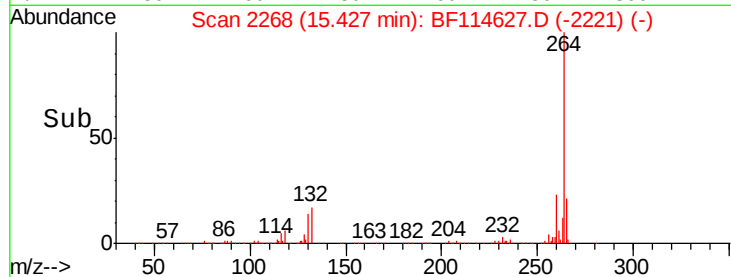
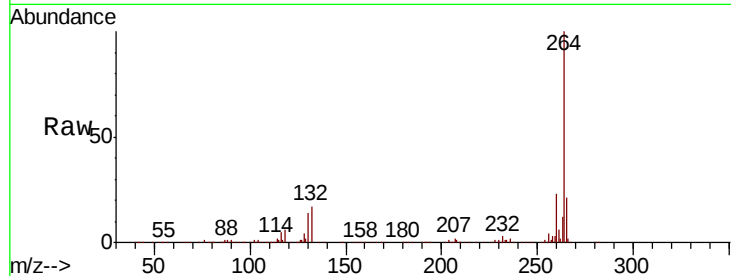
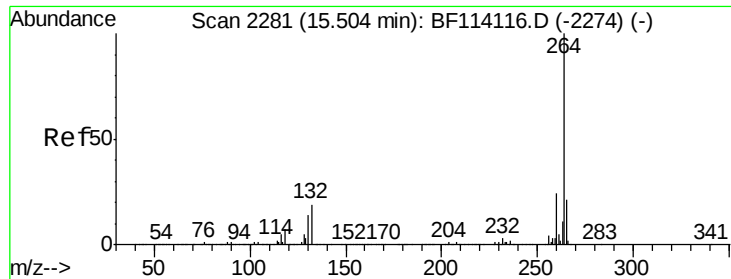
Tot Ion:240 Resp: 460036
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.3 12.5
 236 25.6 20.8 31.2



#79
 Terphenyl-d14
 Concen: 71.822 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF114627.D
 Acq: 26 May 2019 3:14

Tgt Ion:244 Resp: 1602813
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 12.9 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114627.D
Acq: 26 May 2019 3:14

Instrument :
BNA_F
ClientSampleId :
PB120038BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	21.2	16.9	25.3

