

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114152.D
 Acq On : 11 May 2019 12:56
 Operator : JU/SJ
 Sample : PB119622BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BL

Quant Time: May 12 05:51:42 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 10 15:56:46 2019
 Response via : Initial Calibration

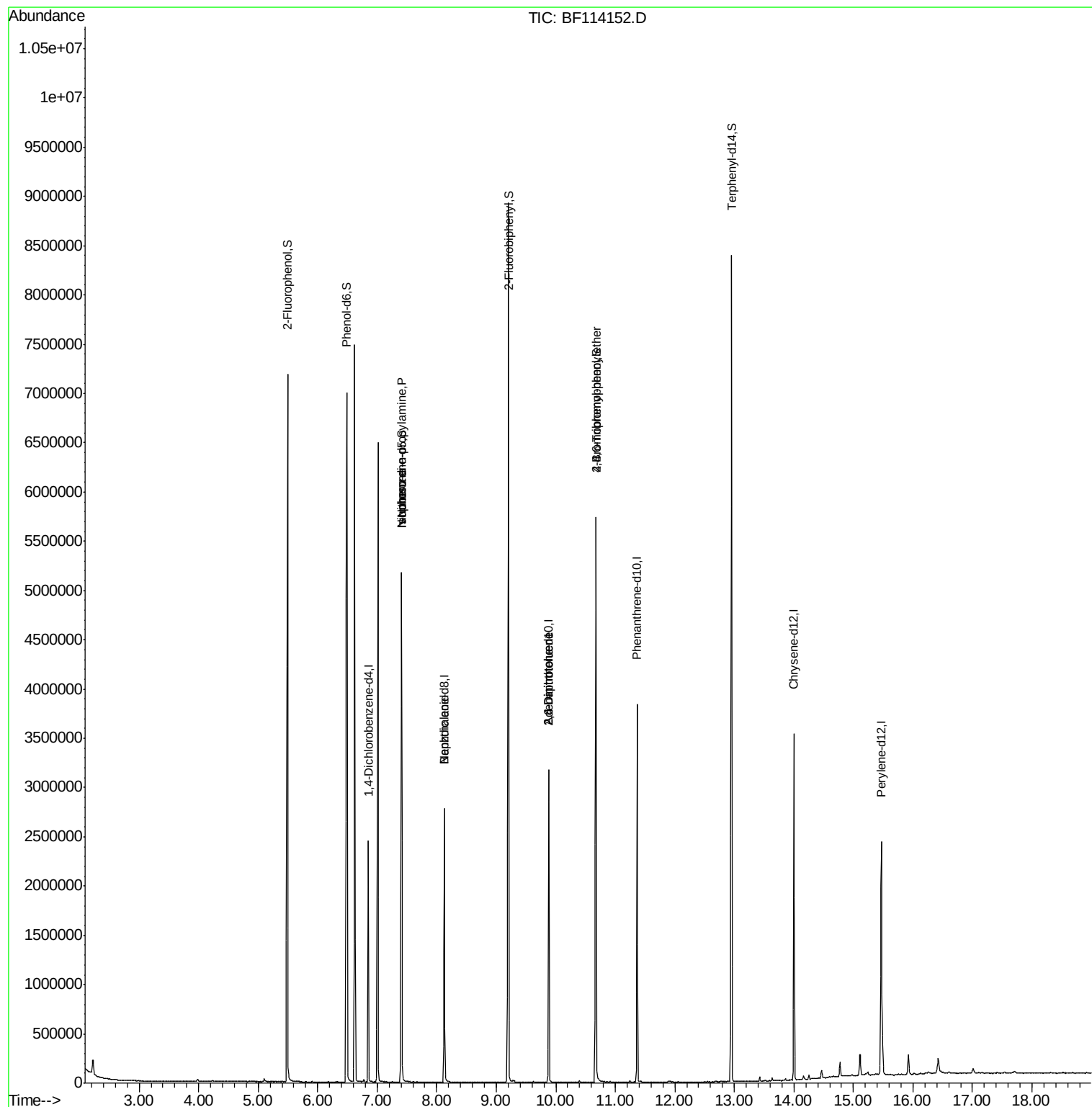
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	355233	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1325470	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	648741	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1318971	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1062787	20.00	ng	-0.02
87) Perylene-d12	15.47	264	1096938	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2098010	95.04	ng	0.01
7) Phenol-d6	6.49	99	2810525	107.65	ng	0.00
23) Nitrobenzene-d5	7.41	82	1741268	73.72	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	733795	109.41	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3016061	70.33	ng	0.00
79) Terphenyl-d14	12.95	244	3231981	62.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	233500	14.110	ng	# 75
25) Isophorone	7.41	82	1735066	39.611	ng	# 64
32) Benzoic acid	8.13	122	139	7.030	ng	# 1
51) 2,6-Dinitrotoluene	9.88	165	84259	7.977	ng	# 22
57) 2,4-Dinitrotoluene	9.88	165	84259	5.877	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	45866	3.158	ng	# 1

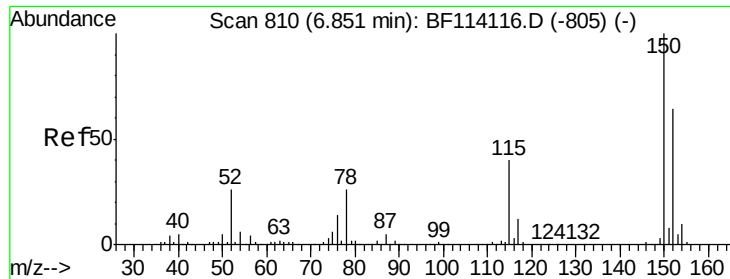
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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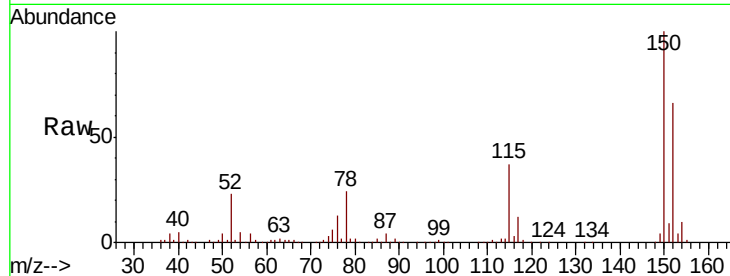




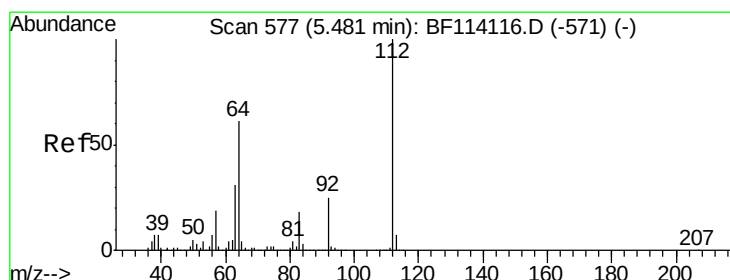
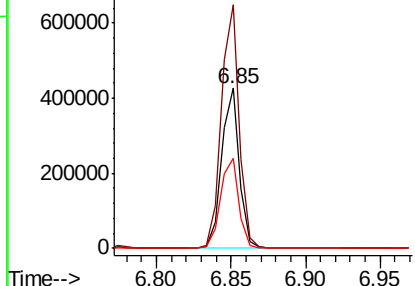
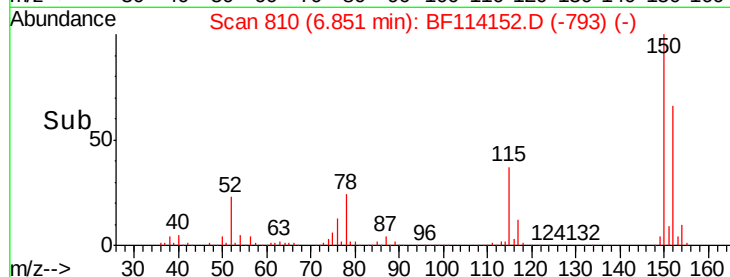
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BL

Tgt Ion:152 Resp: 355233
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.3 186.5
 115 56.6 49.1 73.7

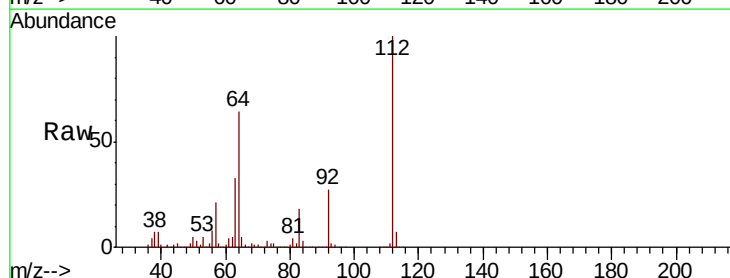


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

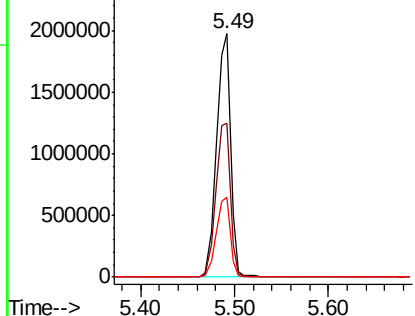
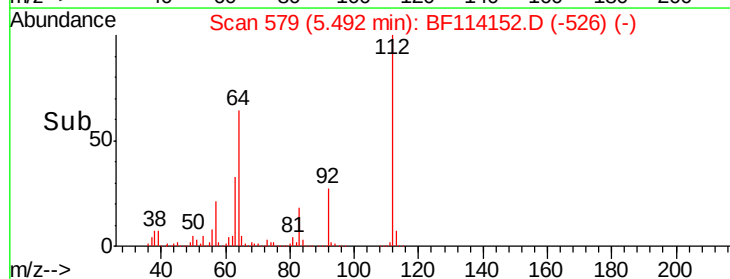


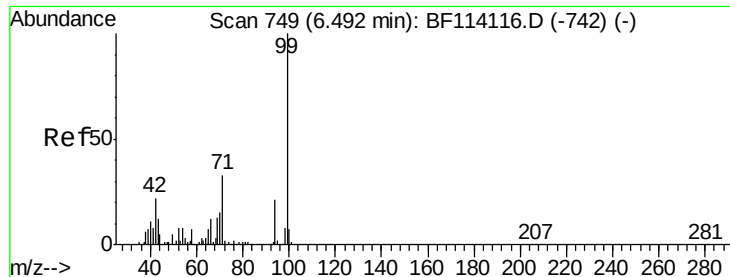
#5
 2-Fluorophenol
 Concen: 95.043 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

Tgt Ion:112 Resp: 2098010
 Ion Ratio Lower Upper
 112 100
 64 63.5 49.0 73.6
 63 32.5 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: 107.650 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

Instrument :

BNA_F

ClientSampleId :

PB119622BL

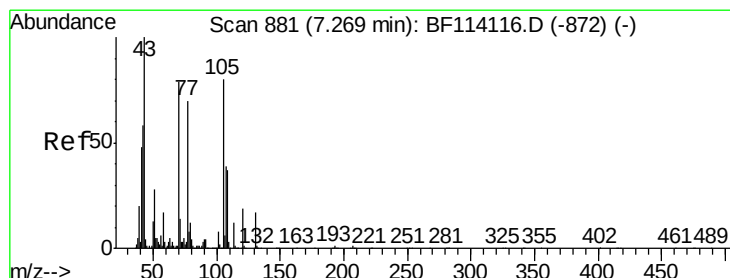
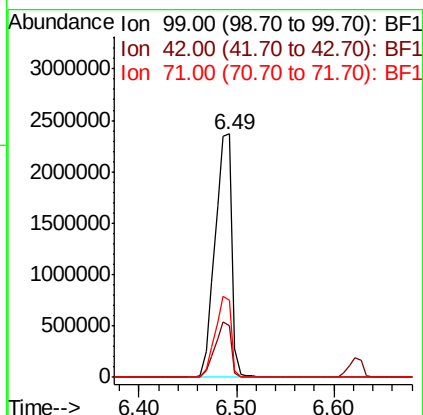
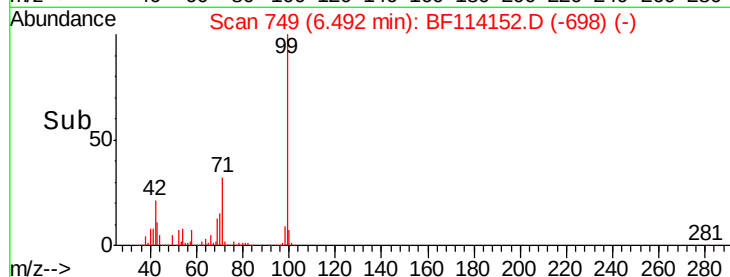
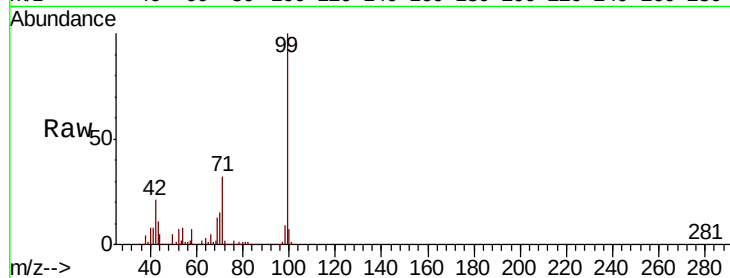
Tgt Ion: 99 Resp: 2810525

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

71 32.0 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.110 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

Tgt Ion: 70 Resp: 233500

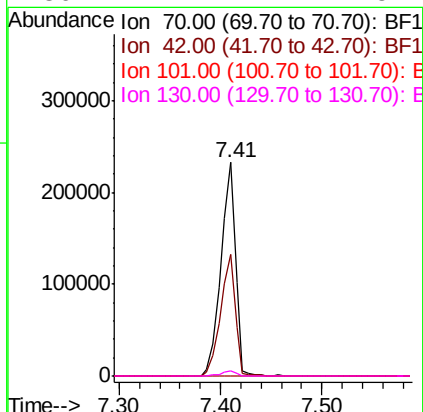
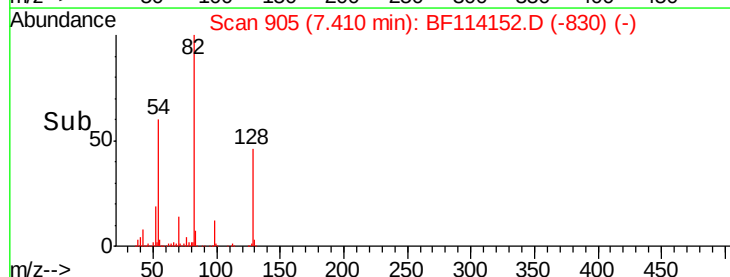
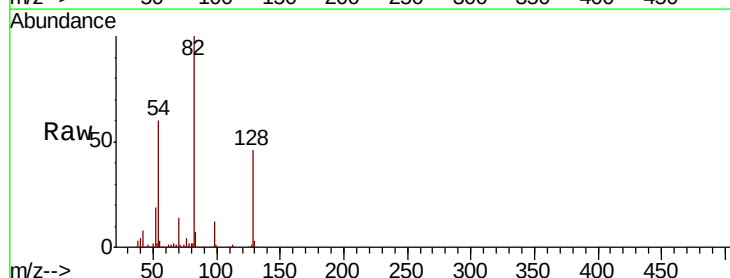
Ion Ratio Lower Upper

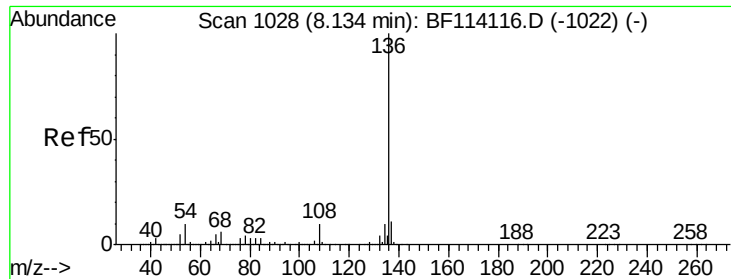
70 100

42 56.8 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#

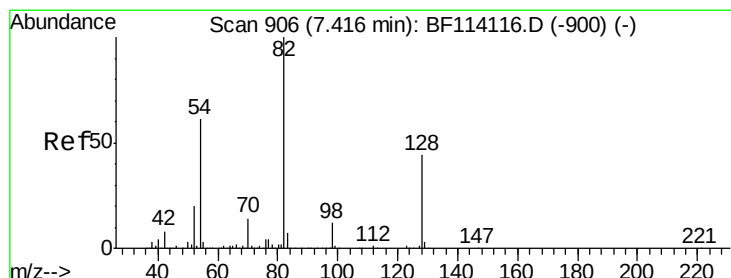
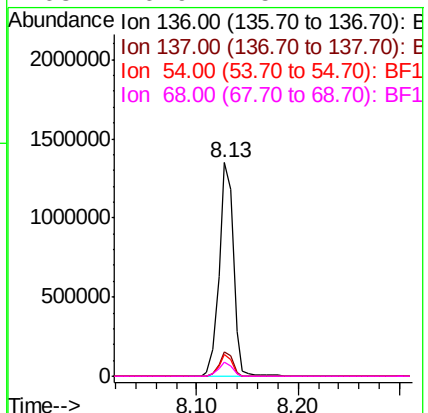
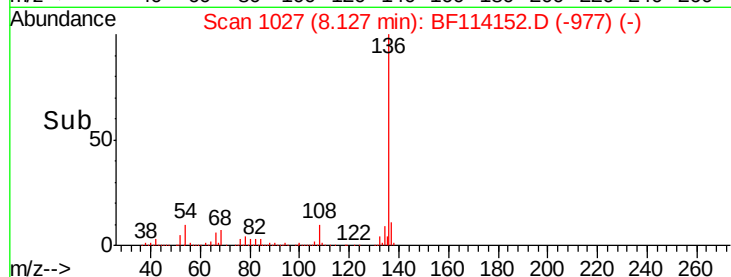
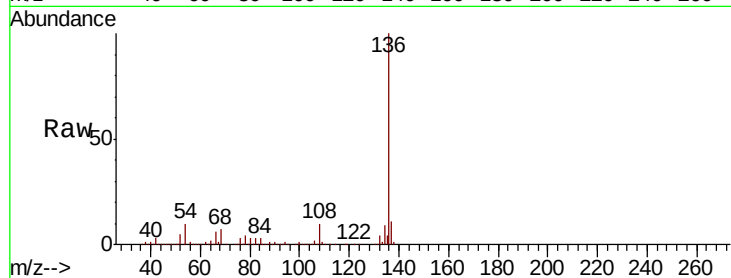




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114152.D
Acq: 11 May 2019 12:56

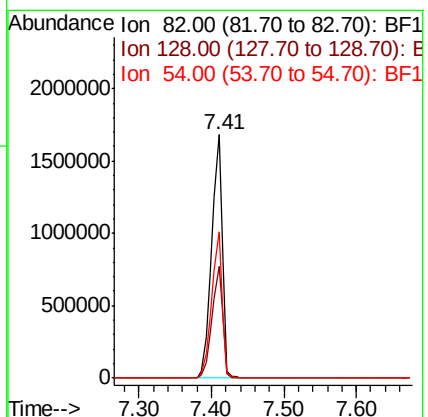
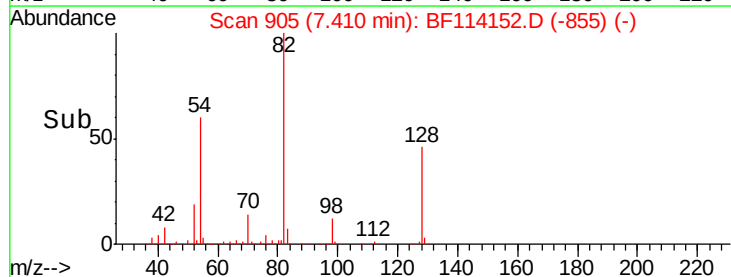
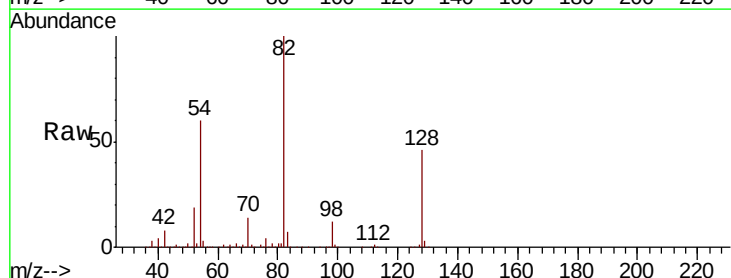
Instrument :
BNA_F
ClientSampleId :
PB119622BL

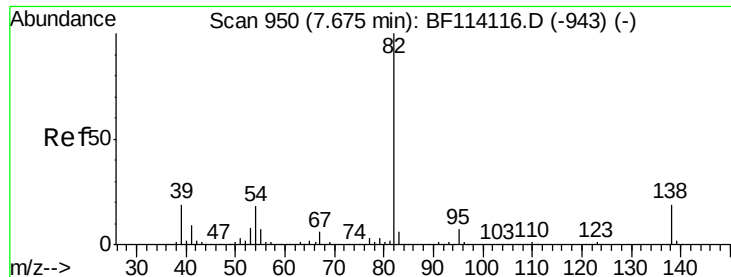
Tgt Ion:	136	Resp:	1325470
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.2	7.8	11.8
68	6.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 73.725 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114152.D
Acq: 11 May 2019 12:56

Tgt Ion:	82	Resp:	1741268
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.5	53.3
54	60.2	48.5	72.7





#25

Isophorone

Concen: 39.611 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

Instrument :

BNA_F

ClientSampleId :

PB119622BL

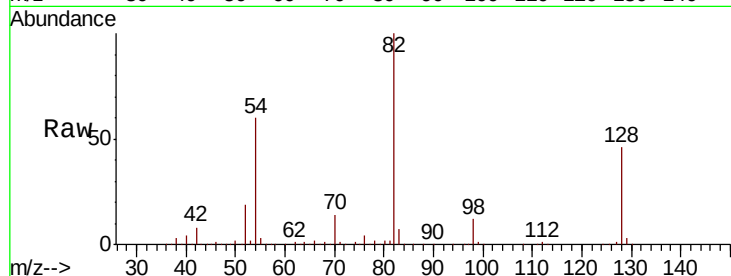
Tgt Ion: 82 Resp: 1735066

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

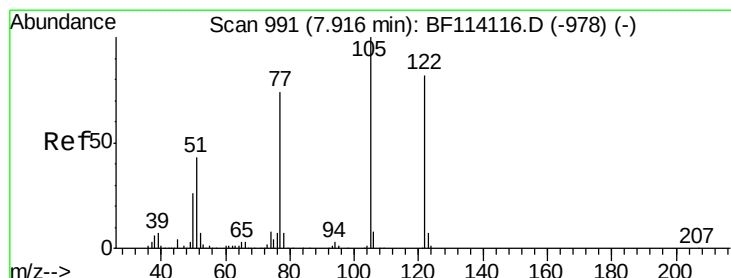
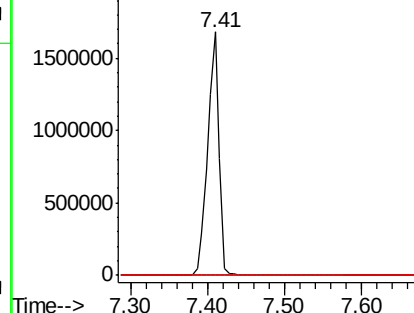
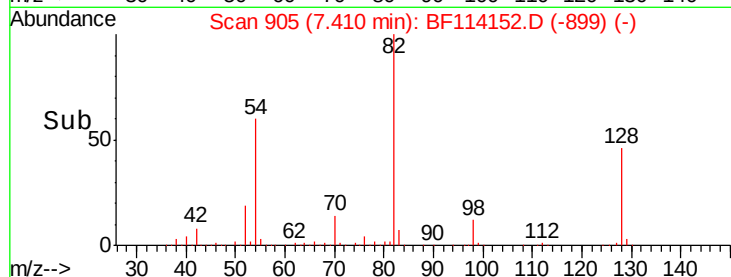
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.030 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.21 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

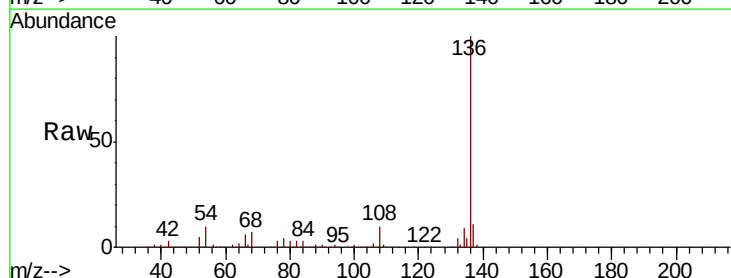
Tgt Ion: 122 Resp: 139

Ion Ratio Lower Upper

122 100

105 203.8 99.9 139.9#

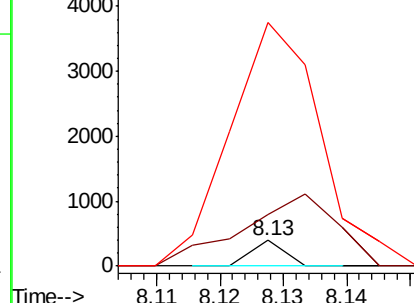
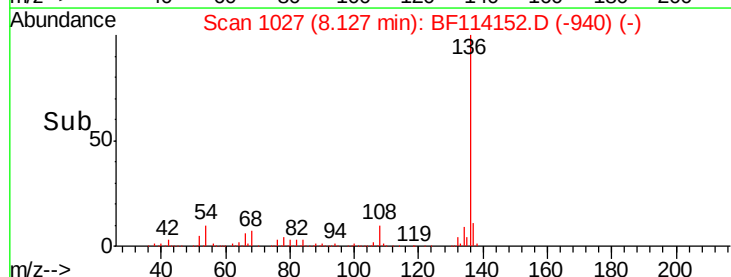
77 949.1 69.4 109.4#

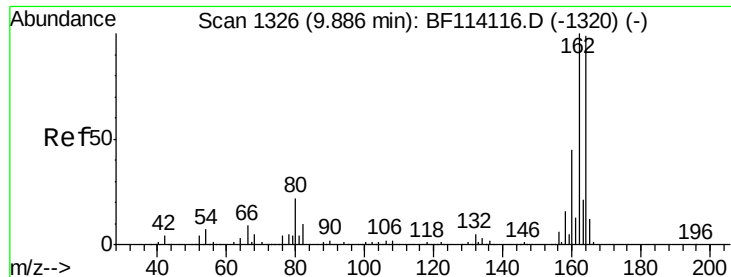


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

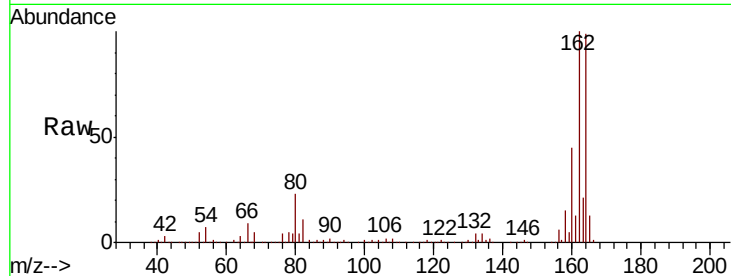




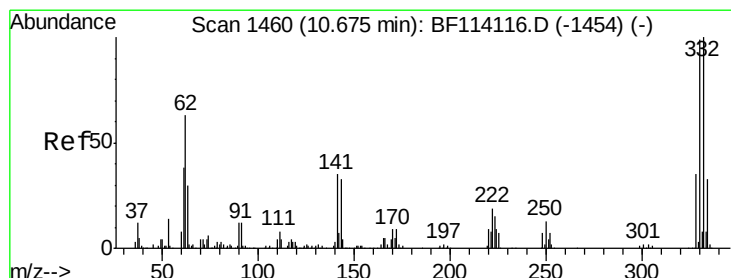
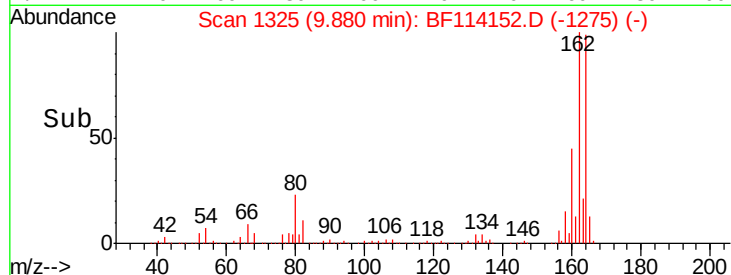
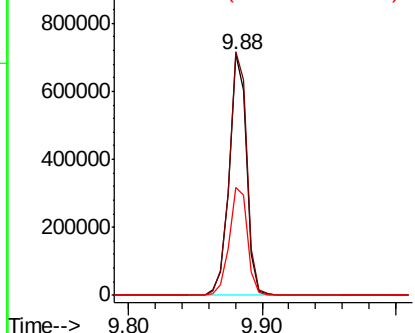
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BL

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	45.1	36.5	54.7

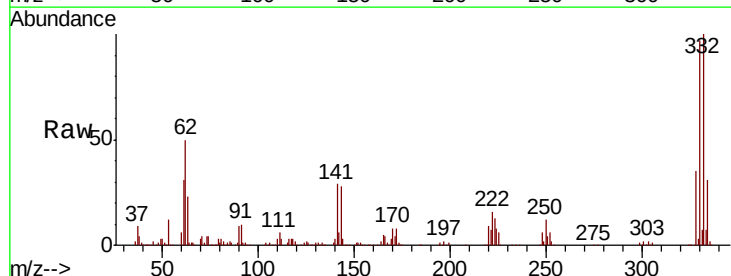


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

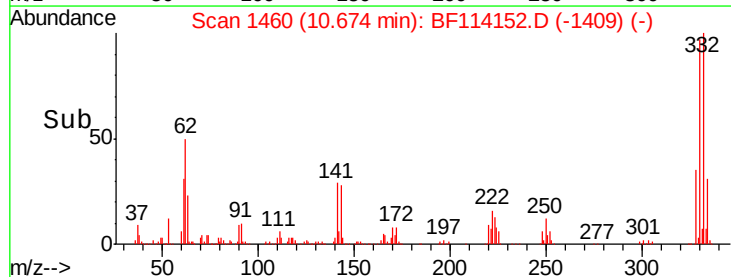
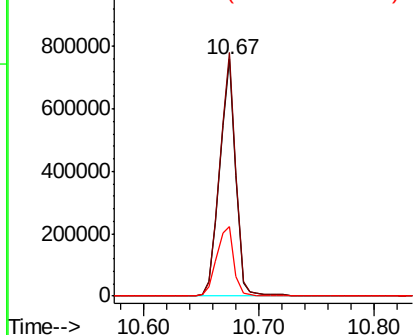


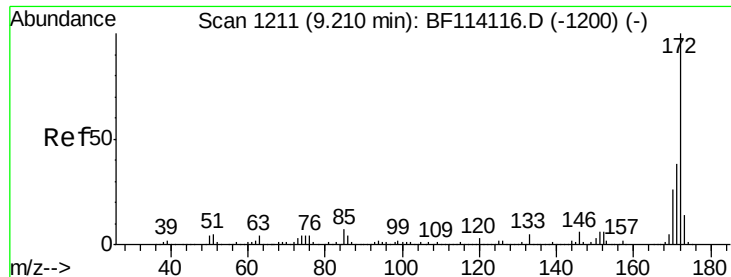
#42
 2,4,6-Tribromophenol
 Concen: 109.409 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.7	81.4	122.2
141	31.7	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

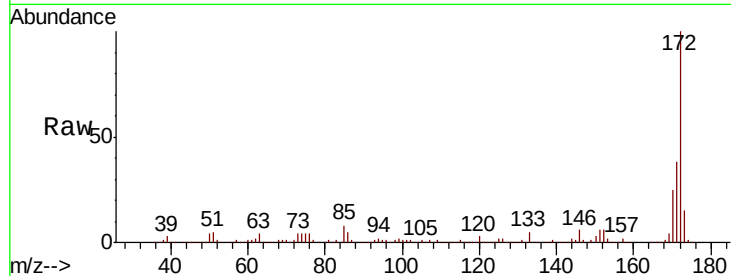




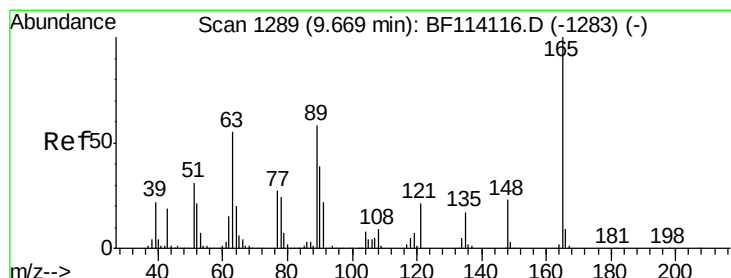
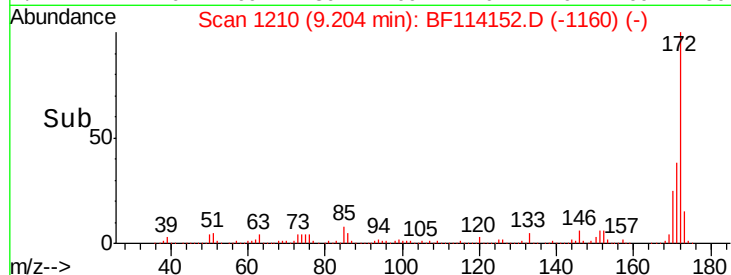
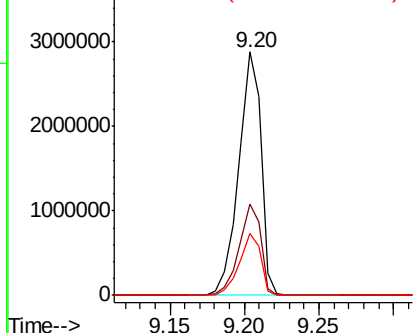
#45
 2-Fluorobiphenyl
 Concen: 70.325 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BL

Tgt Ion:172 Resp: 3016061
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.7 46.1
 170 25.3 20.5 30.7

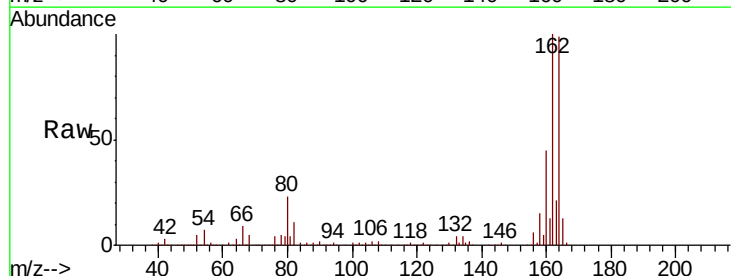


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

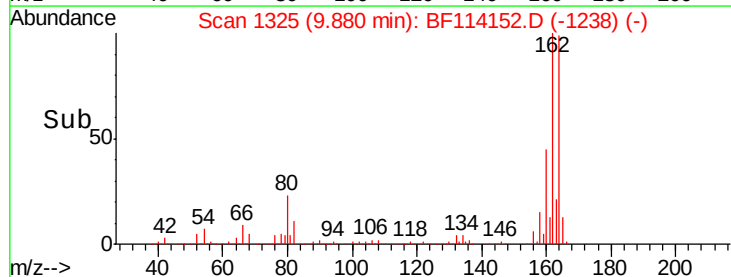
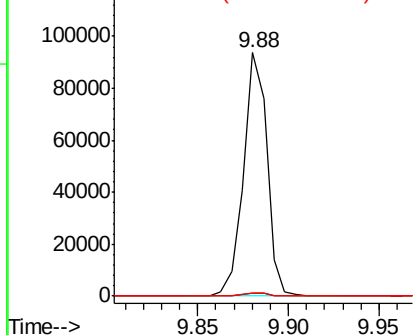


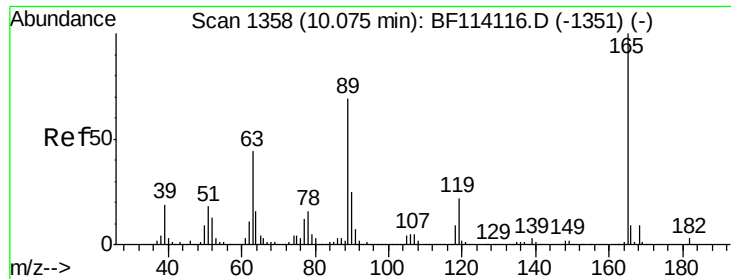
#51
 2,6-Dinitrotoluene
 Concen: 7.977 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

Tgt Ion:165 Resp: 84259
 Ion Ratio Lower Upper
 165 100
 63 1.1 50.2 75.4#
 89 1.2 46.6 69.8#



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

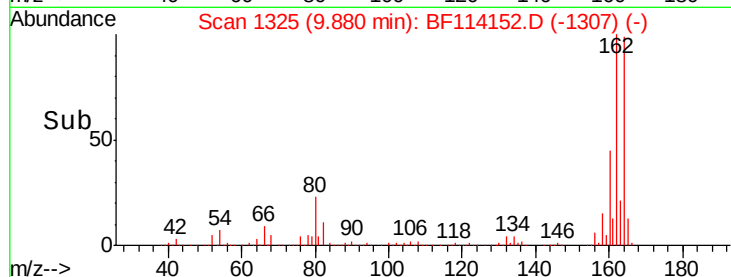
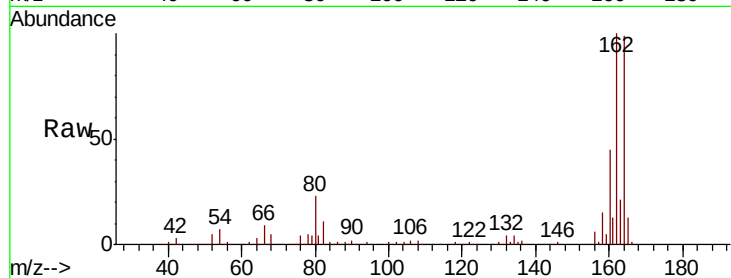




#57
 2,4-Dinitrotoluene
 Concen: 5.877 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	1.2	55.2	82.8#
182	0.0	2.2	3.2#

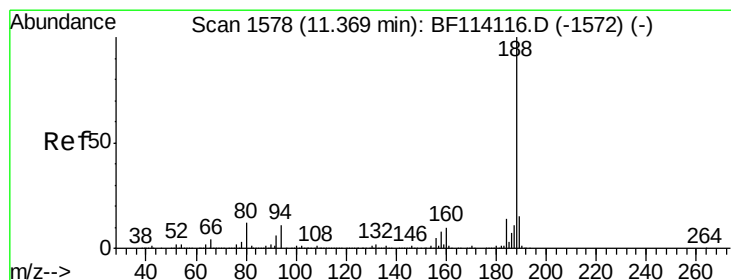
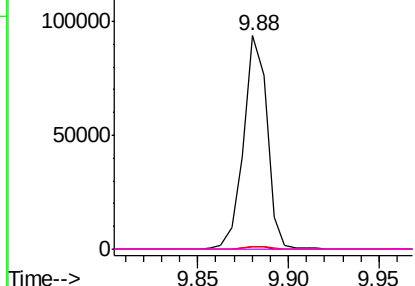


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

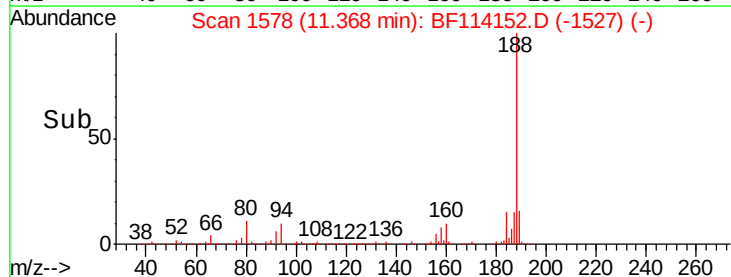
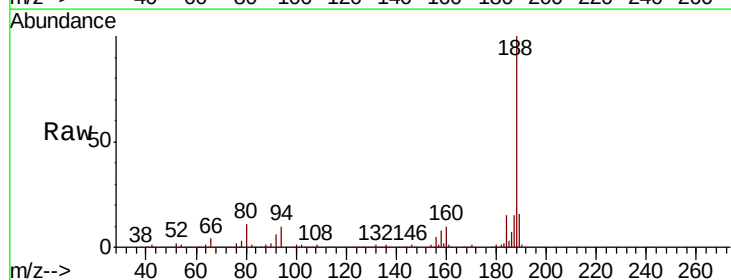
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

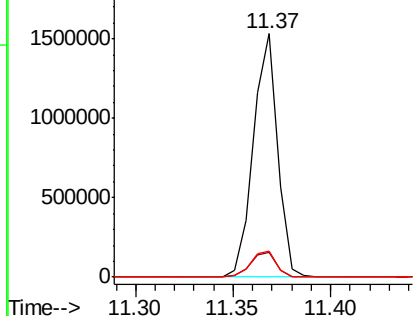
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.4	12.6
80	10.7	9.2	13.8

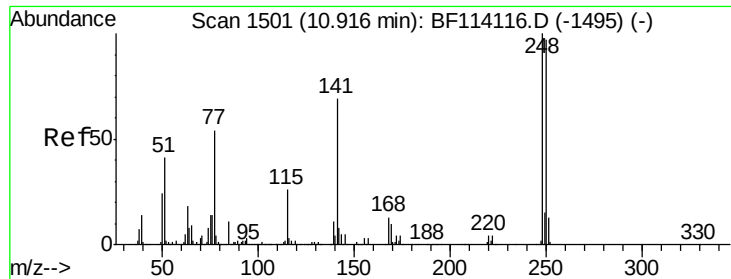


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 3.158 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

Instrument :

BNA_F

ClientSampleId :

PB119622BL

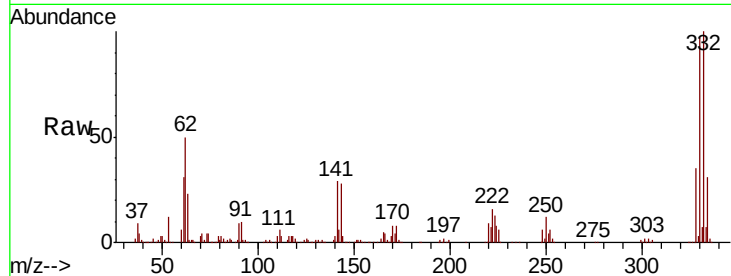
Tgt Ion:248 Resp: 45866

Ion Ratio Lower Upper

248 100

250 194.5 77.4 116.2#

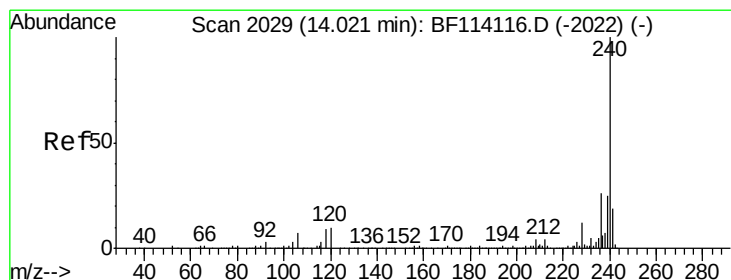
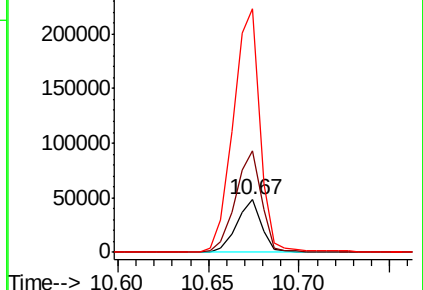
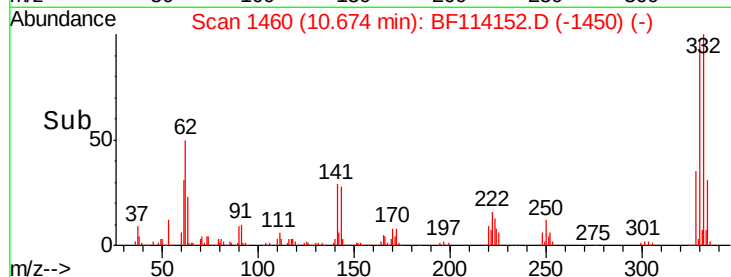
141 463.6 55.6 83.4#



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: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

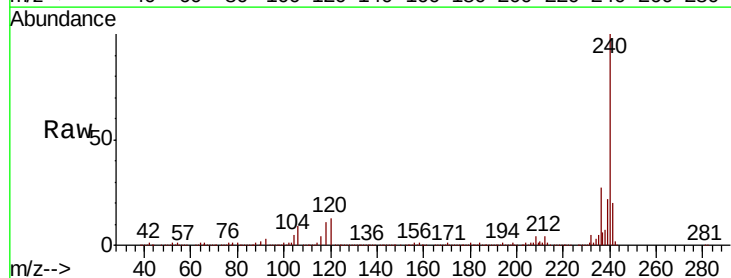
Tgt Ion:240 Resp: 1062787

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

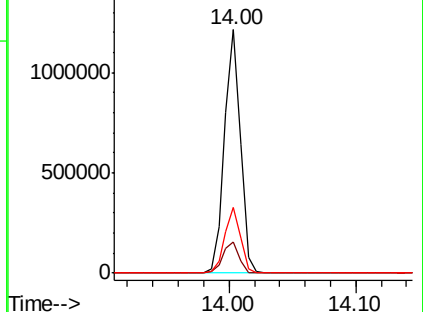
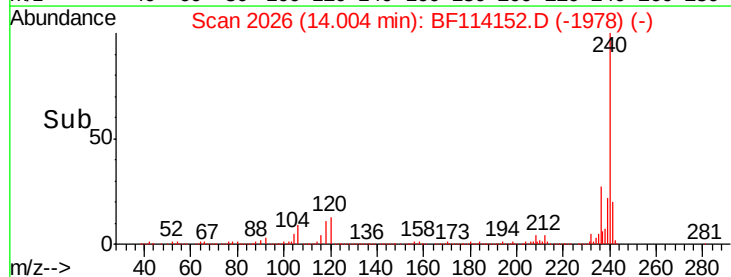
236 26.9 20.8 31.2

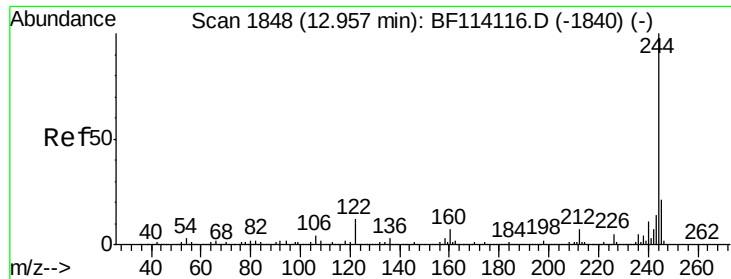


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

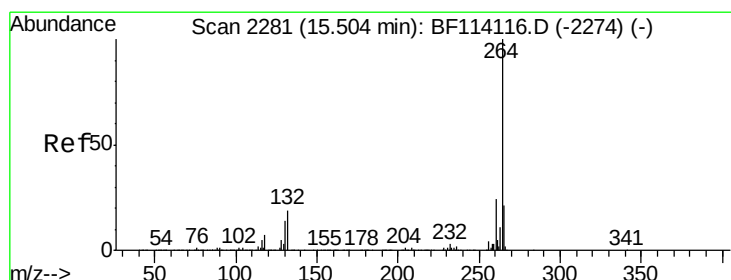
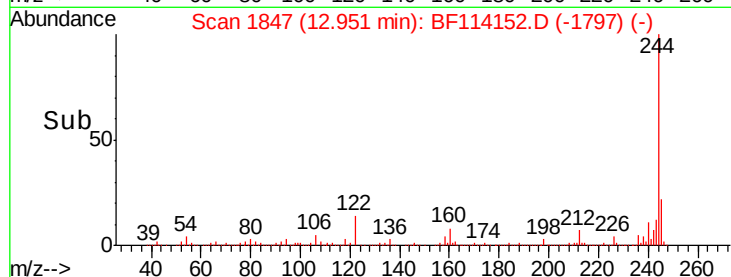
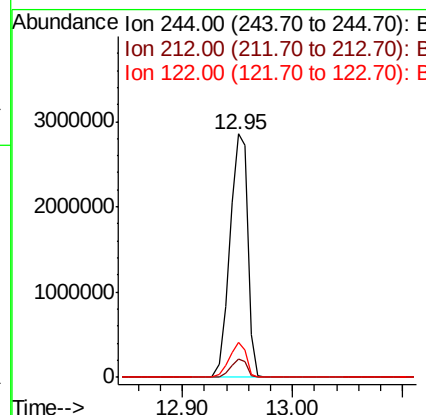
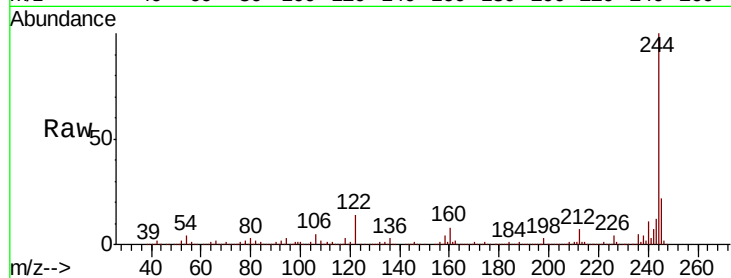




#79
 Terphenyl-d14
 Concen: 62.689 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BL

Tgt Ion: 244 Resp: 3231981
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 14.1 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.04 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

Tgt Ion: 264 Resp: 1096938
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.6 16.9 25.3

