

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114388.D
 Acq On : 18 May 2019 13:59
 Operator : JU/SJ
 Sample : PB119788BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:09:39 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

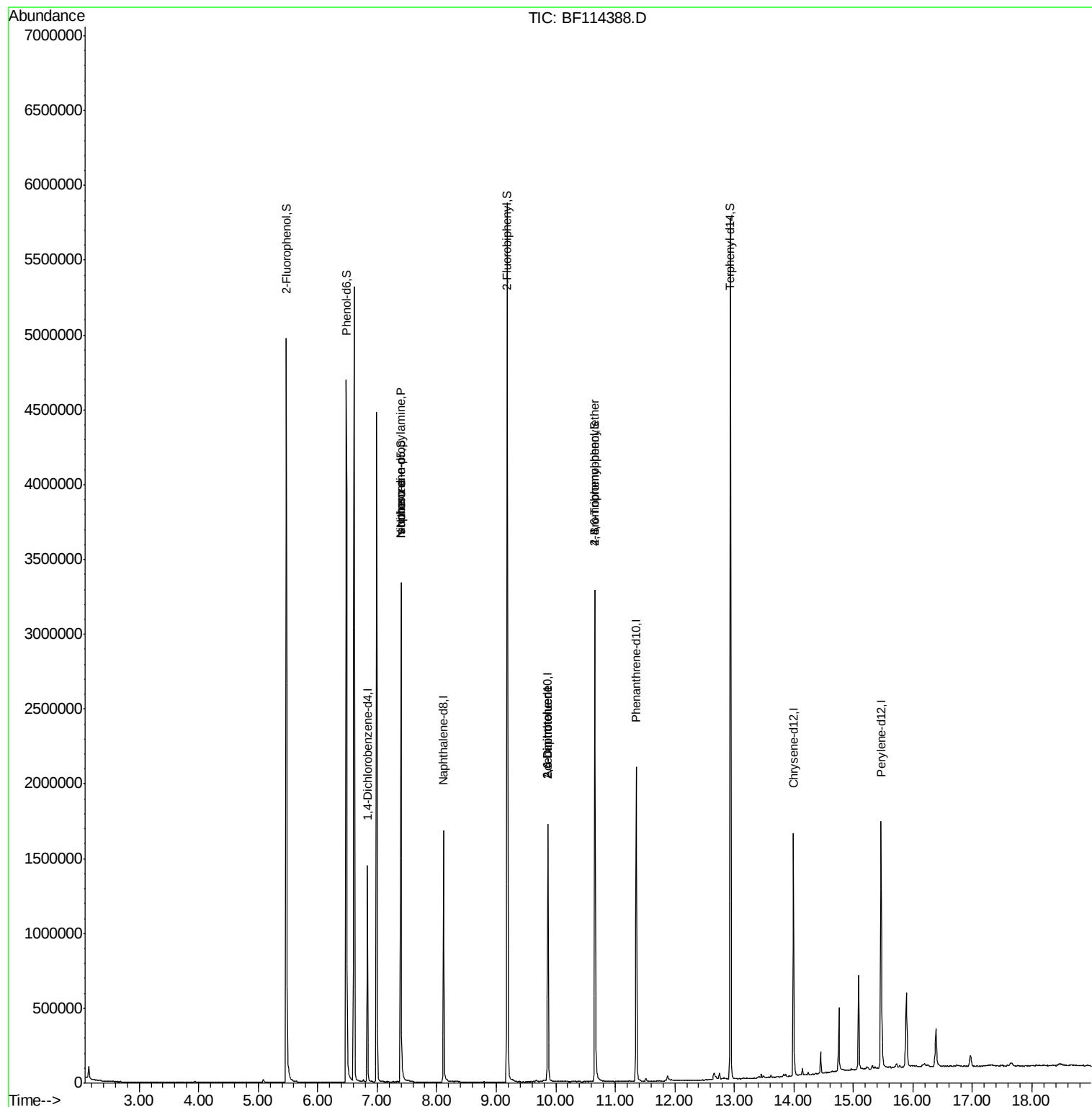
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	214707	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	816282	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	395894	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	814973	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	583316	20.00	ng	-0.03
87) Perylene-d12	15.47	264	534112	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1427918	107.02	ng	0.00
7) Phenol-d6	6.48	99	1865556	118.22	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1149601	79.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	415048	101.41	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2048116	78.26	ng	-0.02
79) Terphenyl-d14	12.93	244	2175740	76.89	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	151540	15.151	ng	# 73
25) Isophorone	7.40	82	1149595	42.616	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	50143	7.779	ng	# 22
57) 2,4-Dinitrotoluene	9.87	165	50134	5.730	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	27272	3.039	ng	# 1

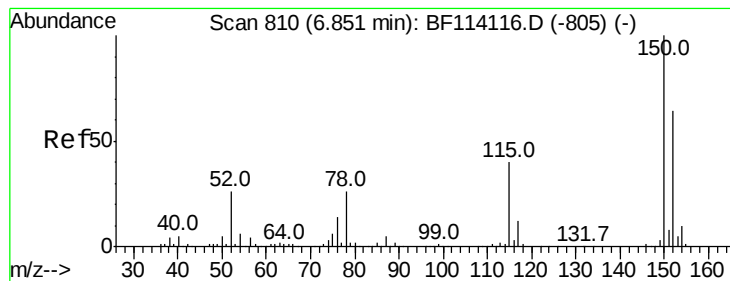
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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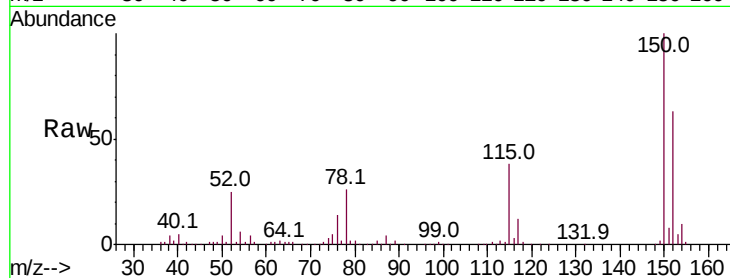


#1

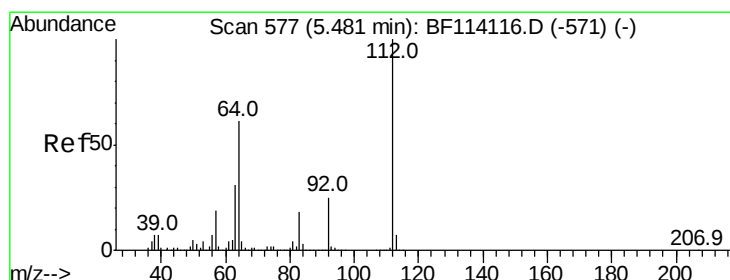
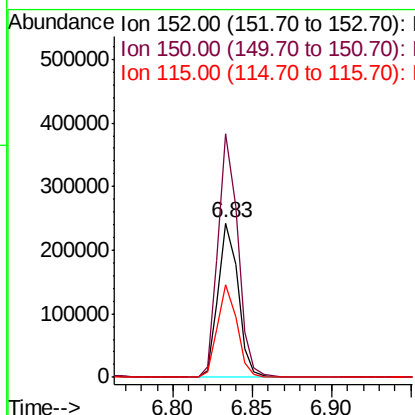
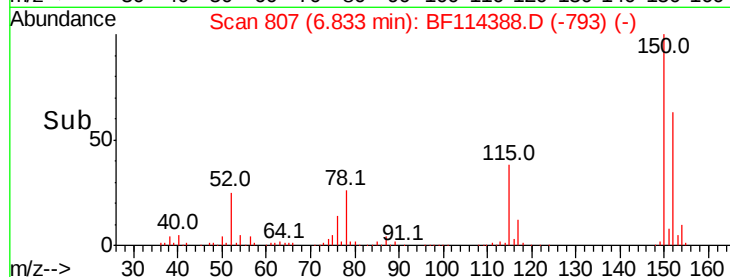
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114388.D
Acq: 18 May 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.3	186.5
115	60.2	49.1	73.7



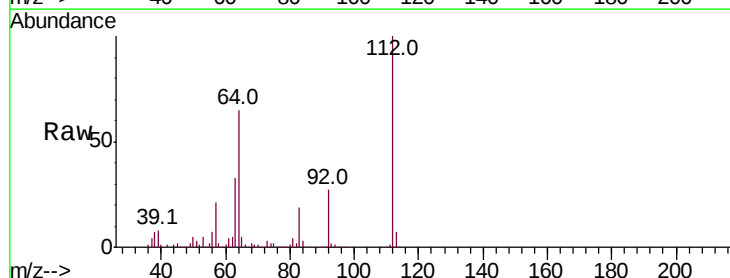
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



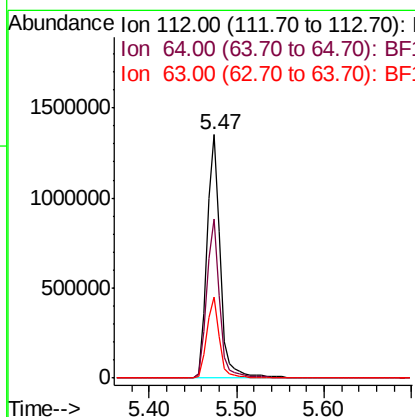
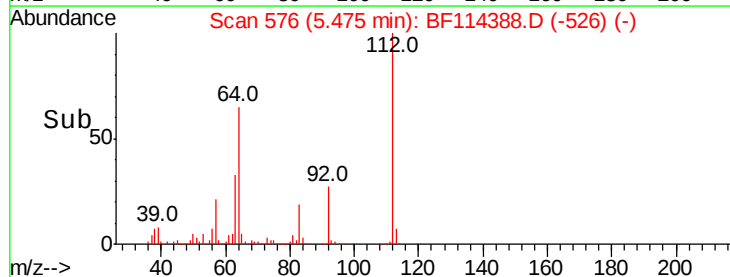
#5

2-Fluorophenol
Concen: 107.025 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114388.D
Acq: 18 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	49.0	73.6
63	33.2	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: 118.223 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114388.D

Acq: 18 May 2019 13:59

Instrument :

BNA_F

ClientSampleId :

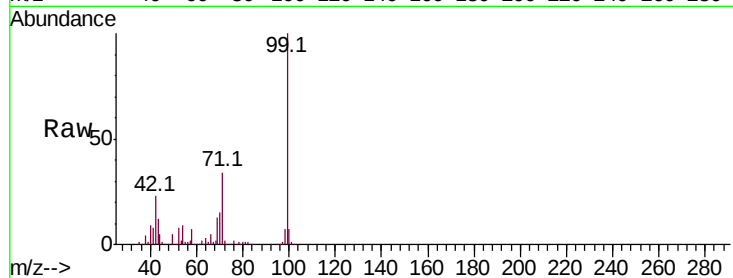
Tot Ion: 99 Resp: 1865556

Ion Ratio Lower Upper

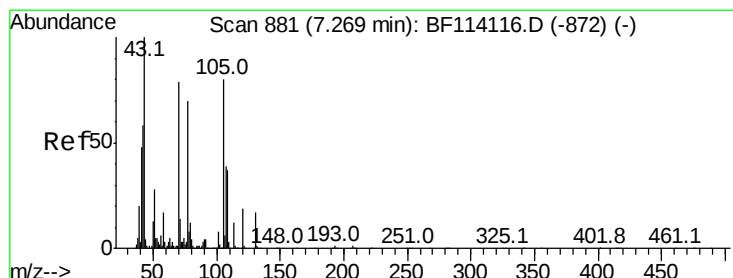
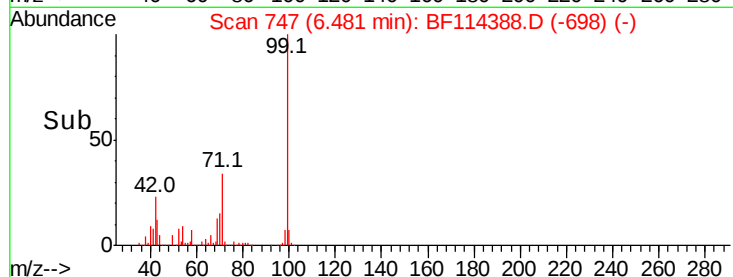
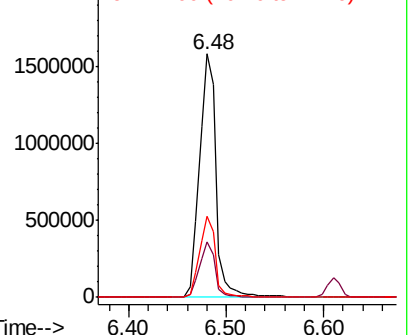
99 100

42 22.8 17.9 26.9

71 33.5 26.2 39.2



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: 15.151 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114388.D

Acq: 18 May 2019 13:59

Tgt Ion: 70 Resp: 151540

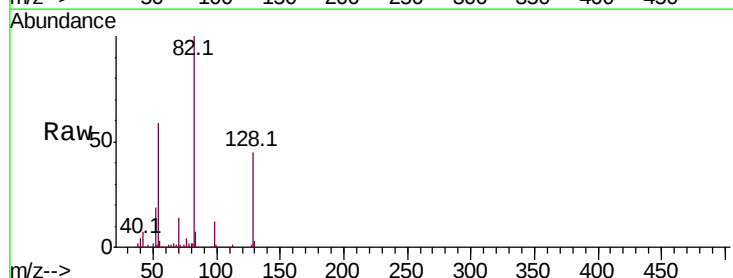
Ion Ratio Lower Upper

70 100

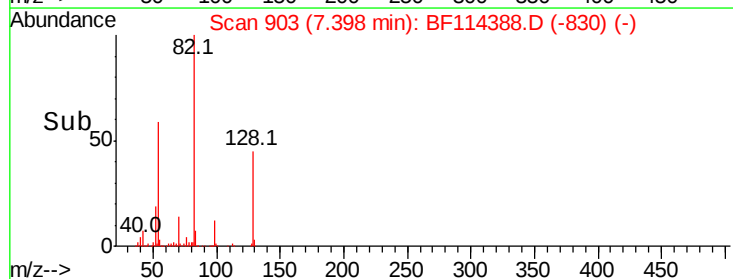
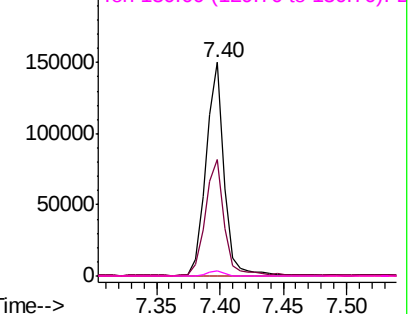
42 54.3 58.6 87.8#

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114388.D

Acq: 18 May 2019 13:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 816282

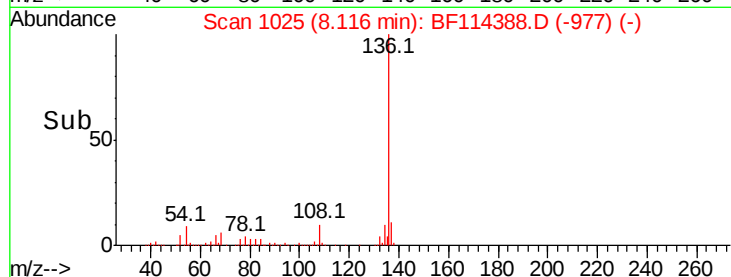
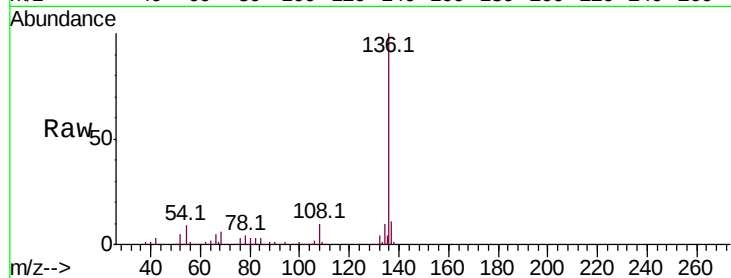
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.5 7.8 11.8

68 6.3 5.1 7.7

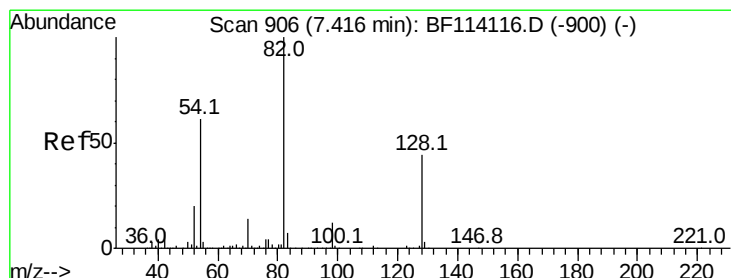
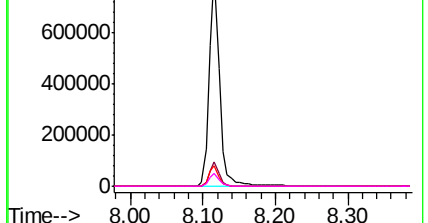


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.036 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF114388.D

Acq: 18 May 2019 13:59

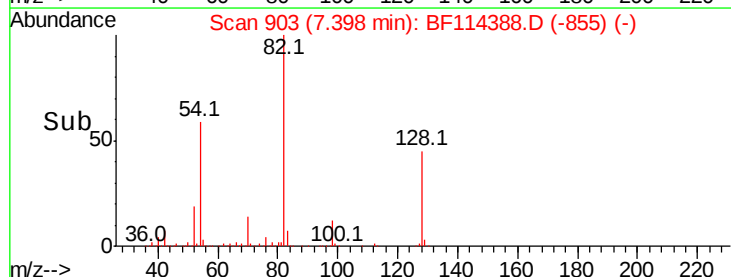
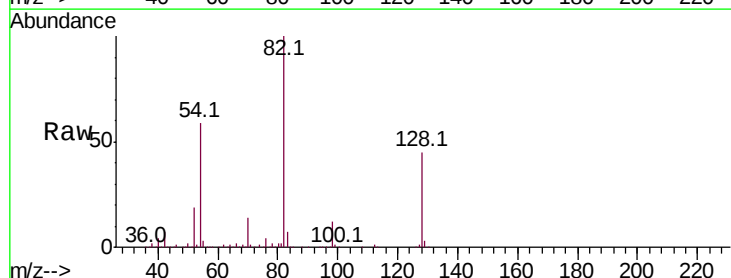
Tgt Ion: 82 Resp: 1149601

Ion Ratio Lower Upper

82 100

128 44.8 35.5 53.3

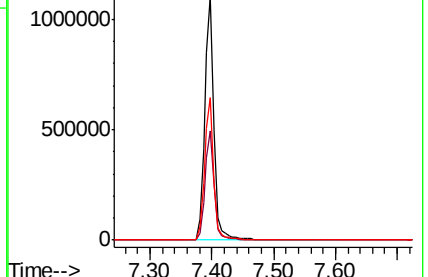
54 58.6 48.5 72.7



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: 42.616 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114388.D

Acq: 18 May 2019 13:59

Instrument :

BNA_F

ClientSampled :

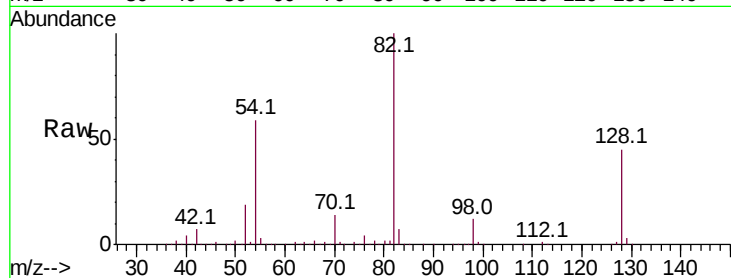
Tot Ion: 82 Resp: 1149595

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

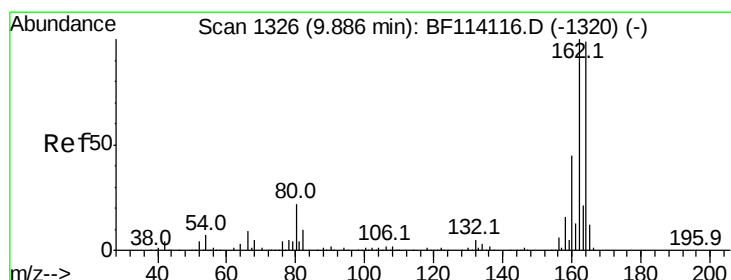
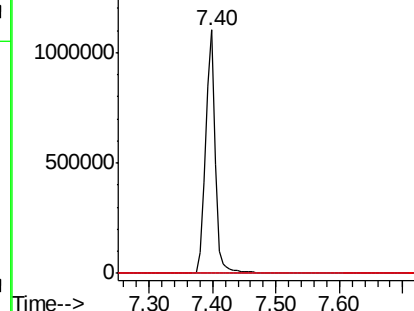
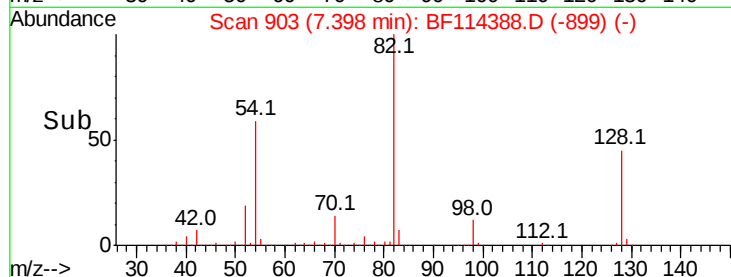
138 0.0 14.8 22.2#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114388.D

Acq: 18 May 2019 13:59

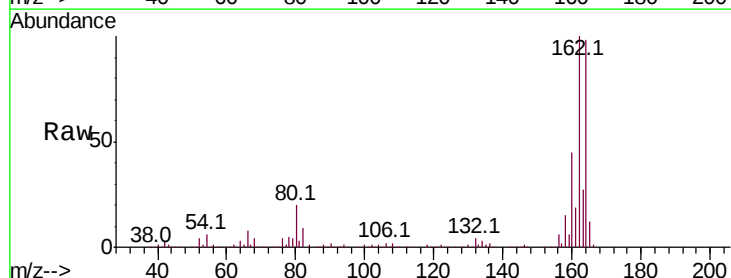
Tgt Ion:164 Resp: 395894

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

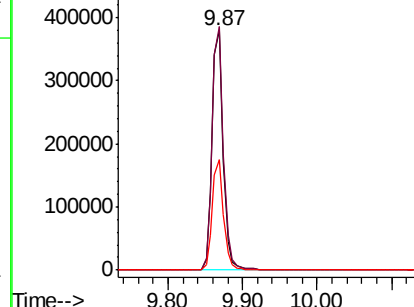
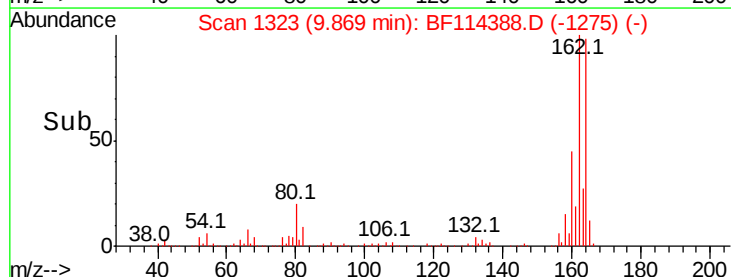
160 46.3 36.5 54.7



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

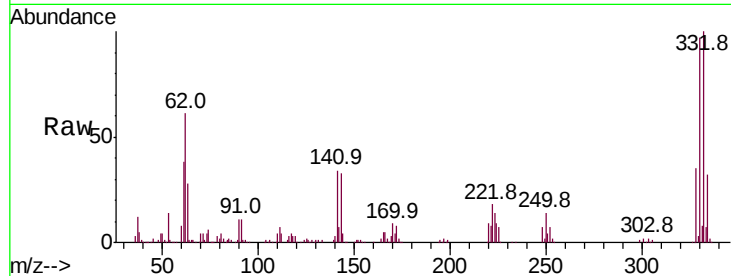




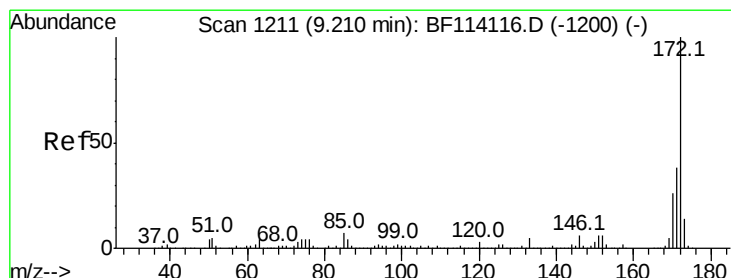
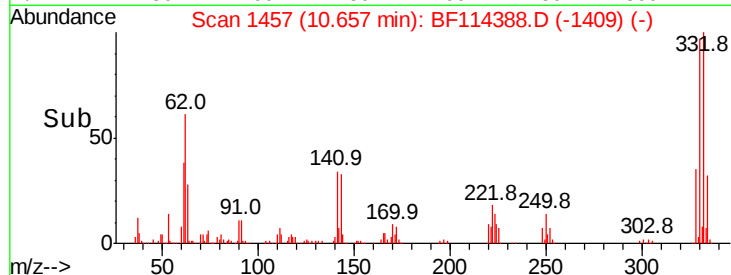
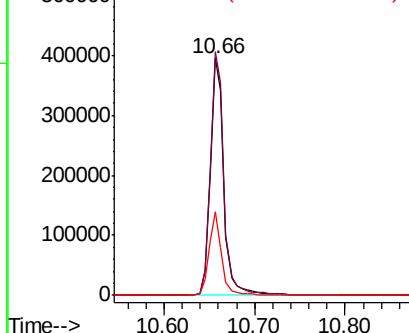
#42
 2,4,6-Tribromophenol
 Concen: 101.407 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114388.D
 Acq: 18 May 2019 13:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 415048
 Ion Ratio Lower Upper
 330 100
 332 103.2 81.4 122.2
 141 33.1 26.6 40.0

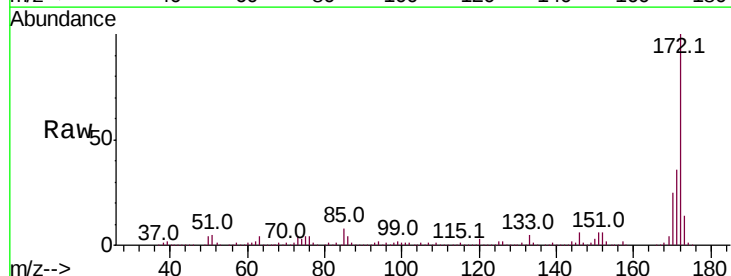


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

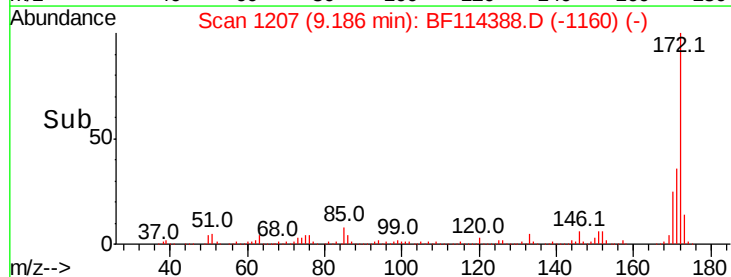
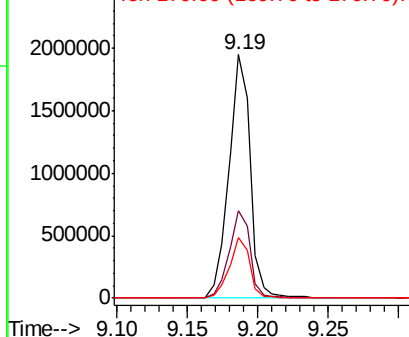


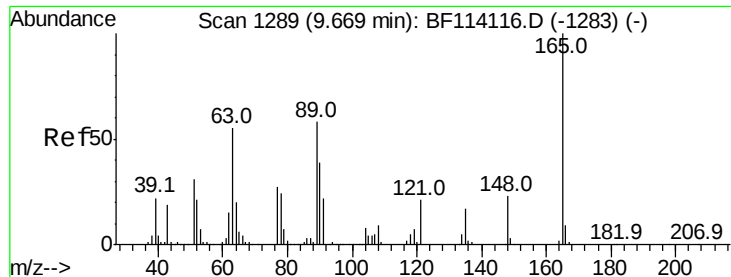
#45
 2-Fluorobiphenyl
 Concen: 78.256 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114388.D
 Acq: 18 May 2019 13:59

Tgt Ion:172 Resp: 2048116
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.7 46.1
 170 24.7 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

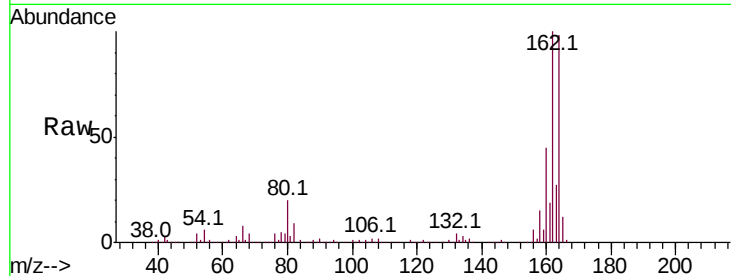




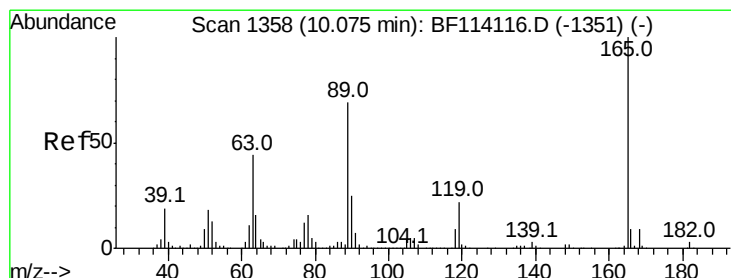
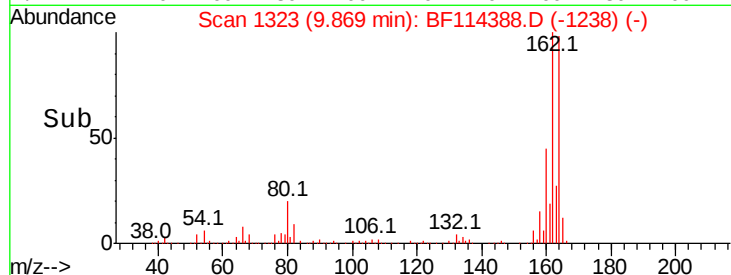
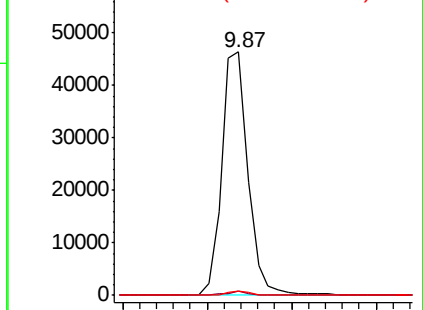
#51
 2,6-Dinitrotoluene
 Concen: 7.779 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF114388.D
 Acq: 18 May 2019 13:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.2	75.4#
89	1.5	46.6	69.8#



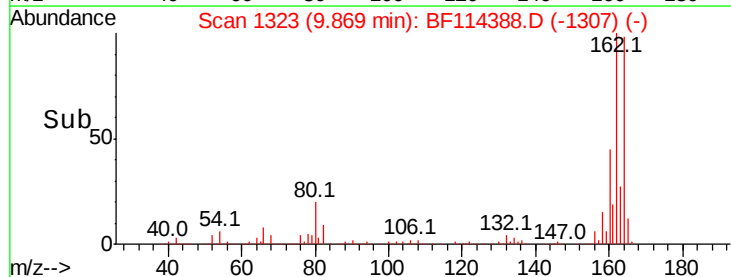
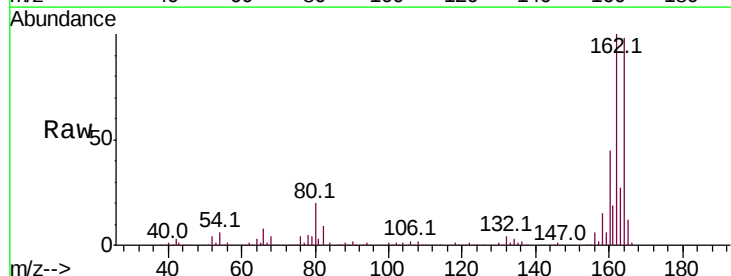
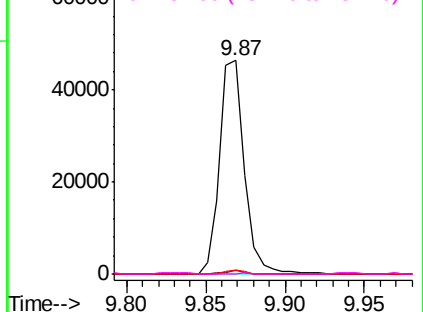
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

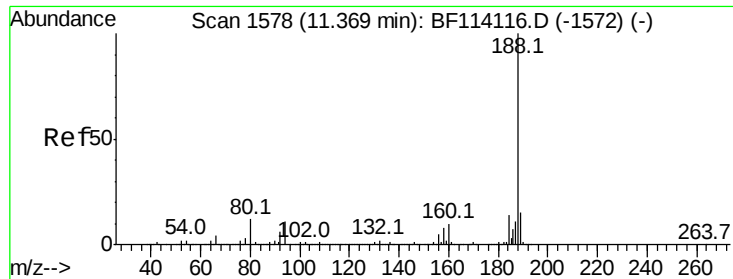


#57
 2,4-Dinitrotoluene
 Concen: 5.730 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF114388.D
 Acq: 18 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.5	53.3#
89	1.5	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

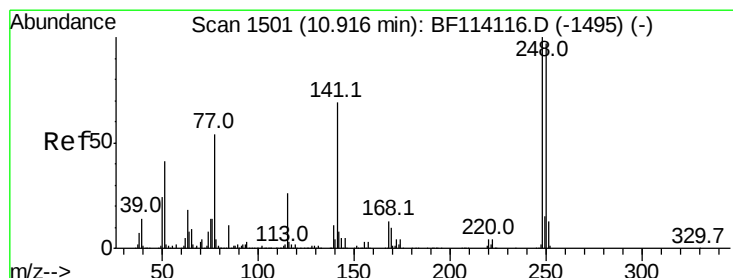
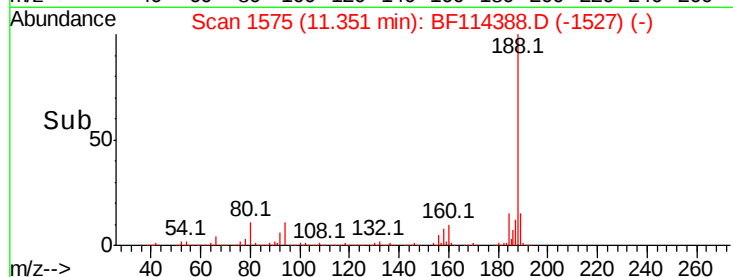
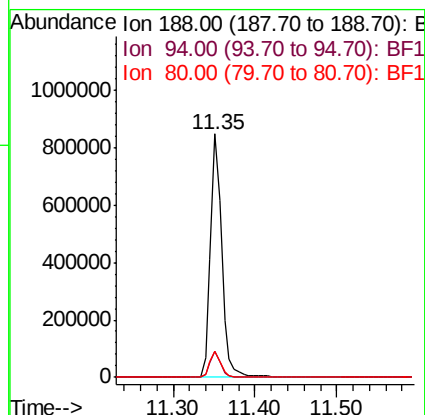
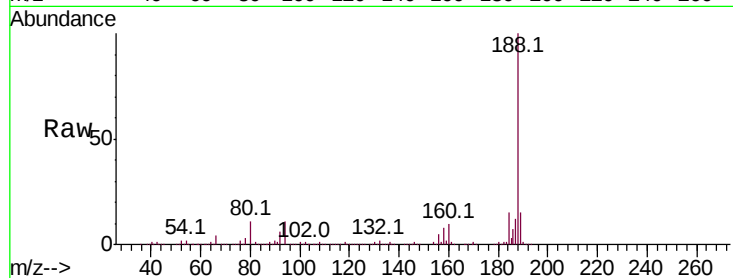




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF114388.D
 Acq: 18 May 2019 13:59

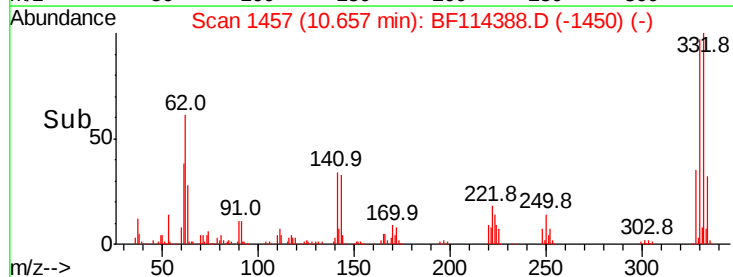
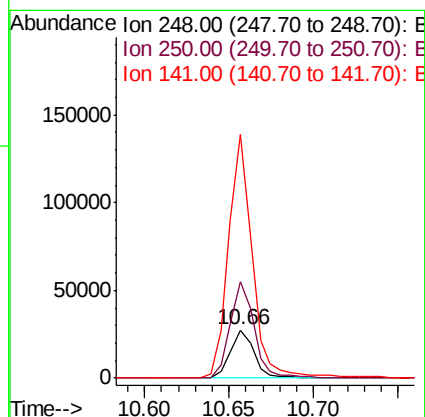
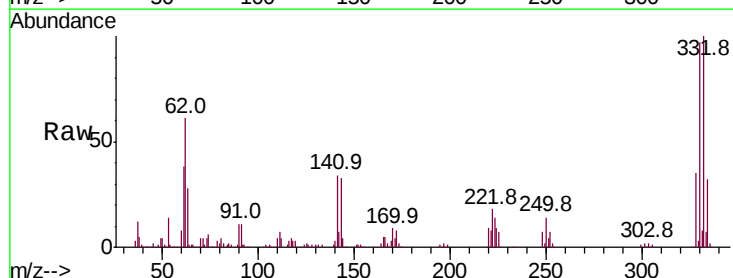
Instrument :
 BNA_F
 ClientSampleId :

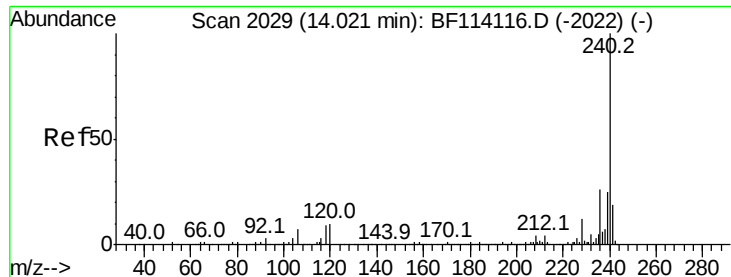
Tot Ion:188 Resp: 814973
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.4 12.6
 80 10.8 9.2 13.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.039 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.26 min
 Lab File: BF114388.D
 Acq: 18 May 2019 13:59

Tgt Ion:248 Resp: 27272
 Ion Ratio Lower Upper
 248 100
 250 201.6 77.4 116.2#
 141 509.2 55.6 83.4#

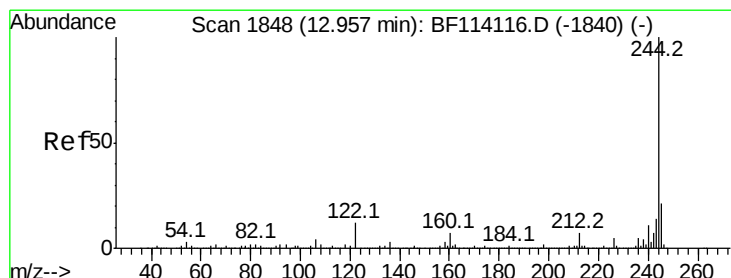
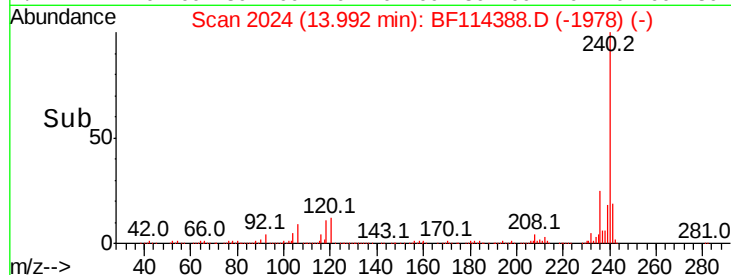
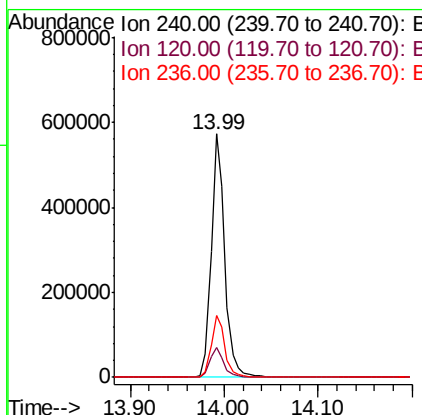
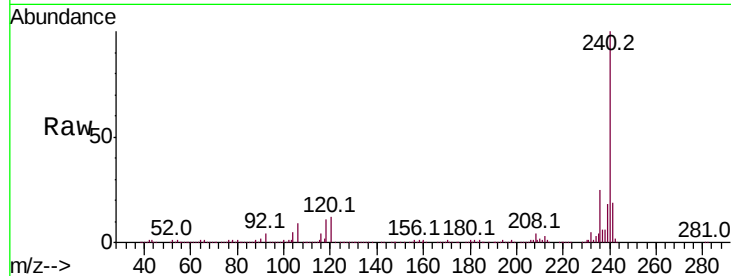




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114388.D
 Acq: 18 May 2019 13:59

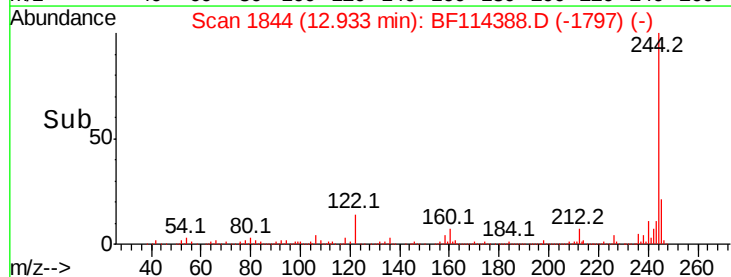
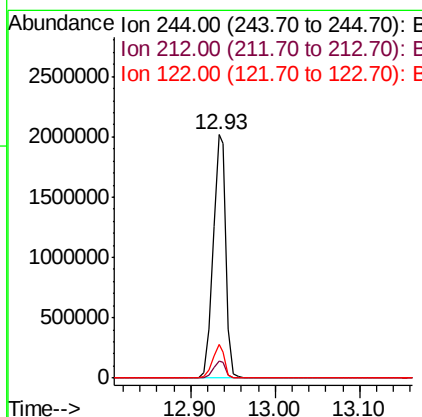
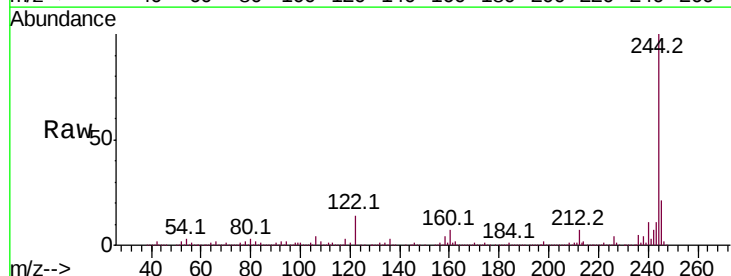
Instrument :
 BNA_F
 ClientSampleId :

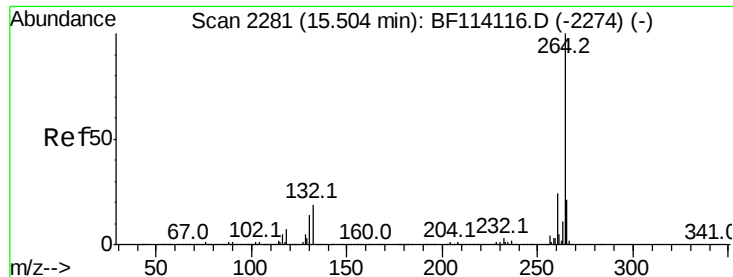
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.3	20.8	31.2



#79
 Terphenyl-d14
 Concen: 76.890 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114388.D
 Acq: 18 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	13.7	9.4	14.2

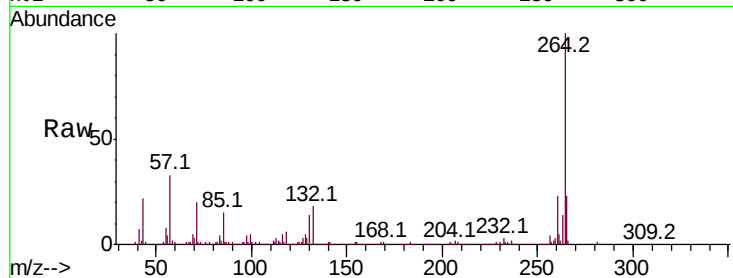




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF114388.D
Acq: 18 May 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.5	16.9	25.3



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

