

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114523.D
 Acq On : 23 May 2019 13:52
 Operator : JU/SJ
 Sample : PB119776BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Quant Time: May 24 07:16:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

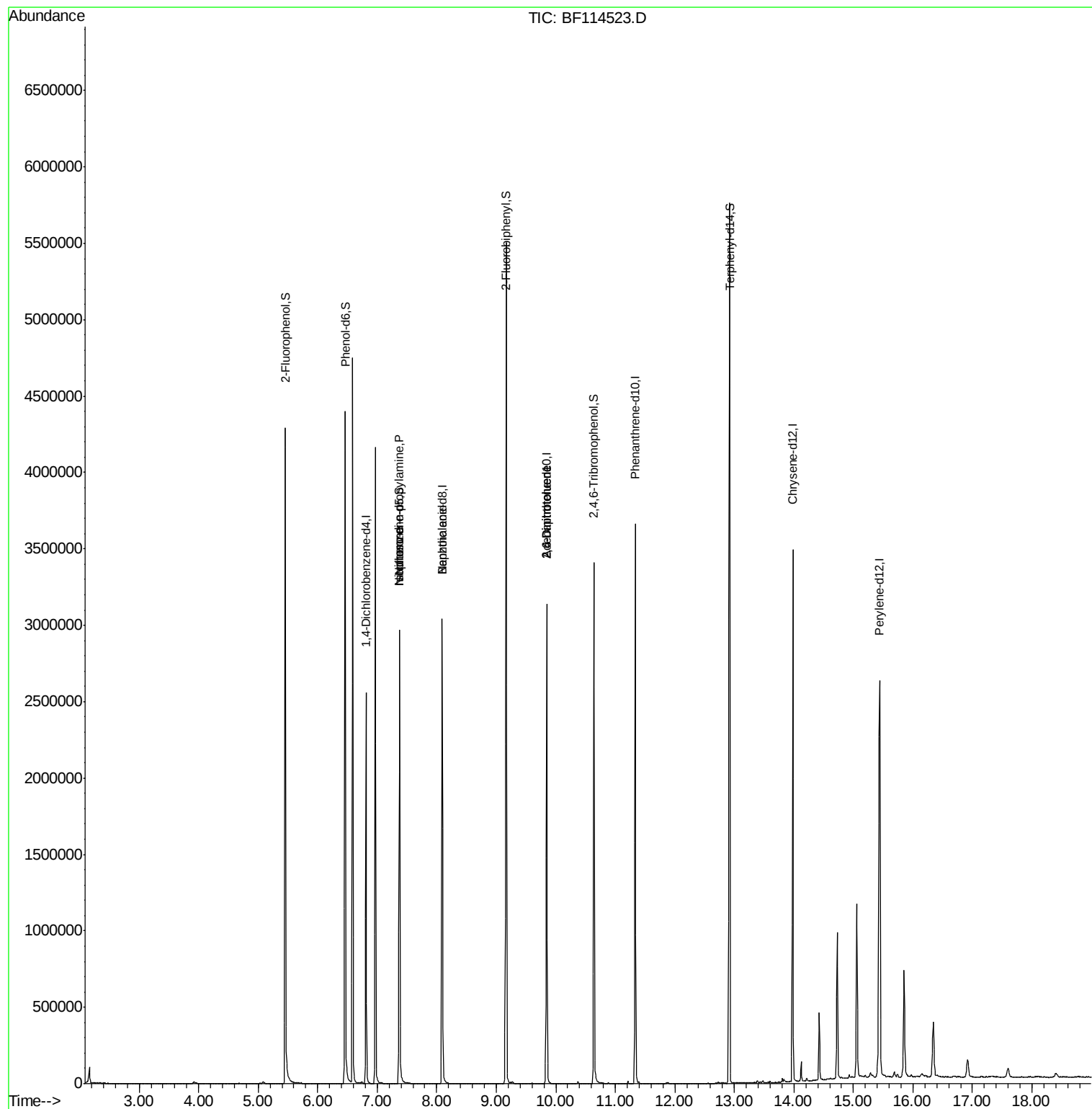
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	380155	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	1489627	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	723841	20.00	ng	-0.03
64) Phenanthrene-d10	11.34	188	1456081	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	1185404	20.00	ng	-0.02
87) Perylene-d12	15.44	264	1160699	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1330723	56.33	ng	-0.01
7) Phenol-d6	6.46	99	1750556	62.65	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1083940	40.84	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	446690	59.69	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1999757	41.79	ng	-0.02
79) Terphenyl-d14	12.92	244	2127820	37.00	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	143502	8.103	ng	# 75
25) Isophorone	7.37	82	1083932	22.019	ng	# 64
32) Benzoic acid	8.09	122	283	7.037	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	92861	7.879	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	92861	5.805	ng	# 25

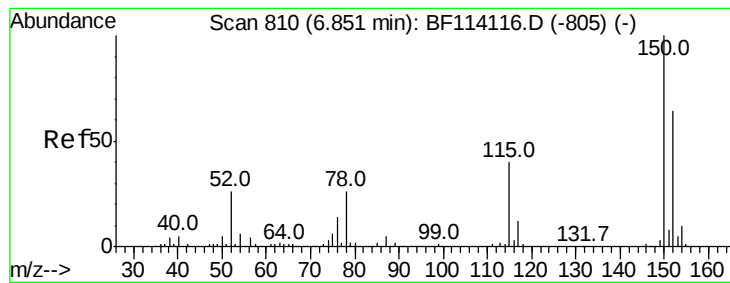
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :
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Quant Time: May 24 07:16:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration



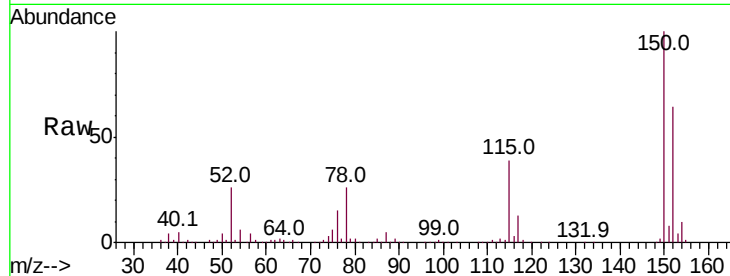


#1

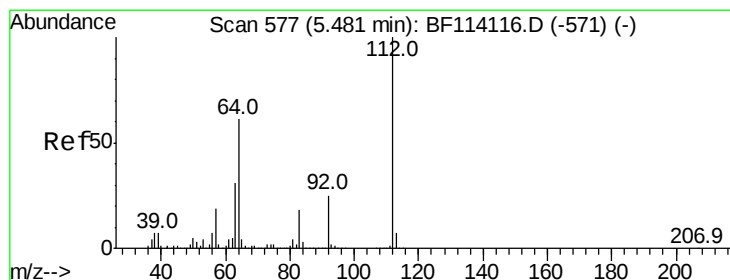
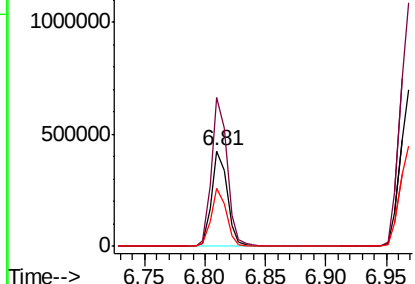
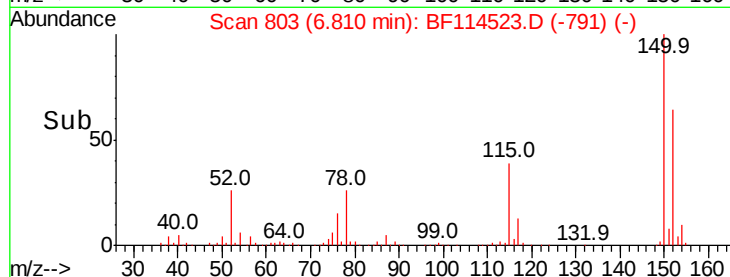
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114523.D
Acq: 23 May 2019 13:52

Instrument :
BNA_F
ClientSampleId :
PB119776BL

Tot Ion:152 Resp: 380155
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 61.3 49.1 73.7



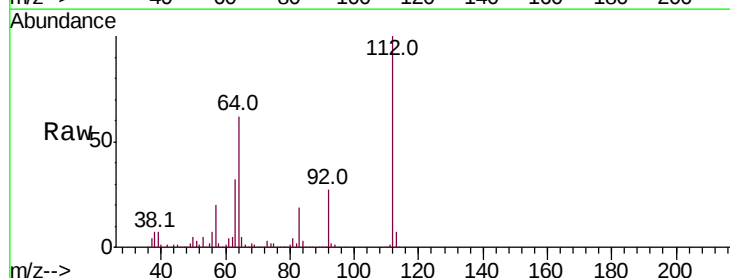
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



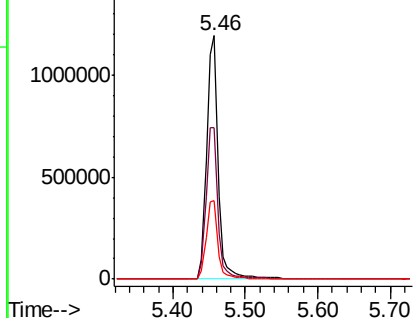
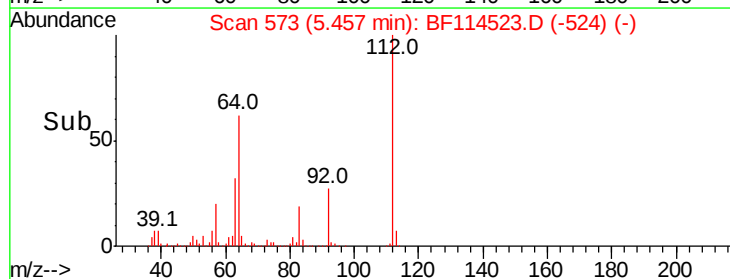
#5

2-Fluorophenol
Concen: 56.332 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF114523.D
Acq: 23 May 2019 13:52

Tgt Ion:112 Resp: 1330723
Ion Ratio Lower Upper
112 100
64 62.3 49.0 73.6
63 32.3 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: 62.655 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB119776BL

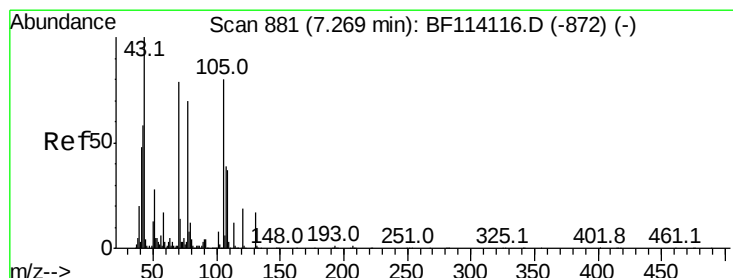
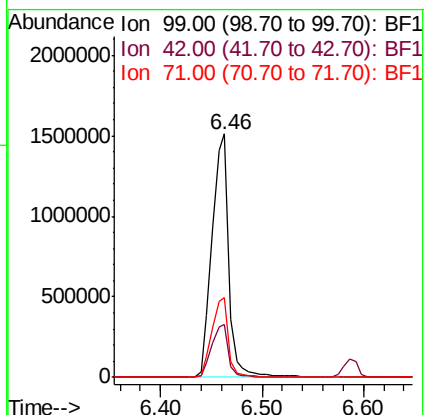
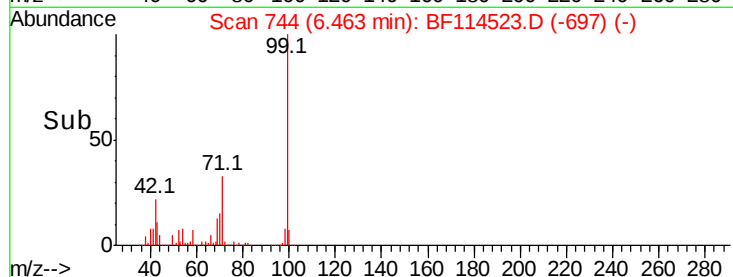
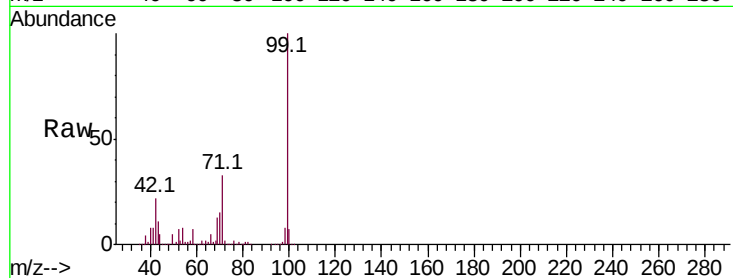
Tot Ion: 99 Resp: 1750556

Ion Ratio Lower Upper

99 100

42 21.6 17.9 26.9

71 32.7 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 8.103 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

Tgt Ion: 70 Resp: 143502

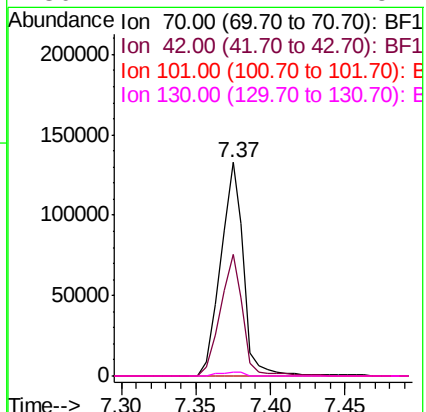
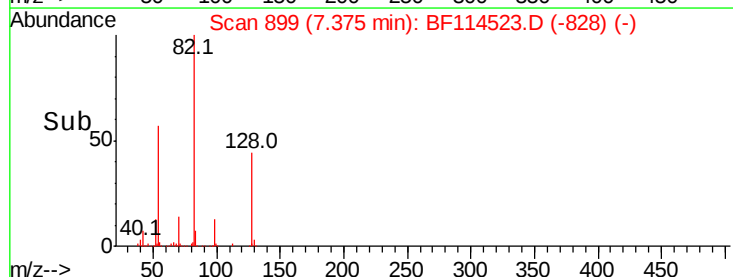
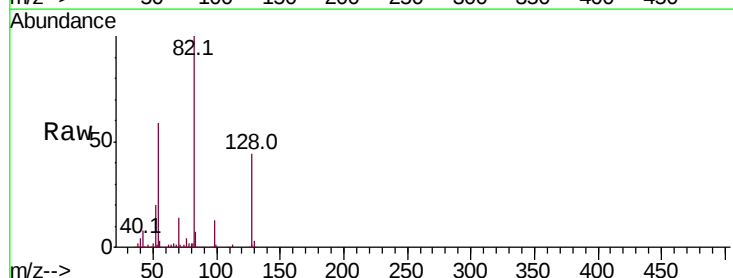
Ion Ratio Lower Upper

70 100

42 56.7 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: 8.09 min Scan# 1021

Delta R.T. -0.03 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB119776BL

Tot Ion:136 Resp: 1489627

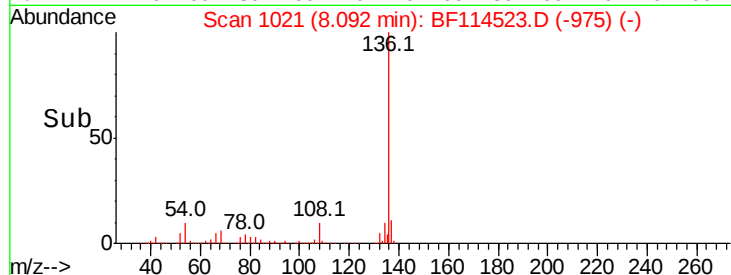
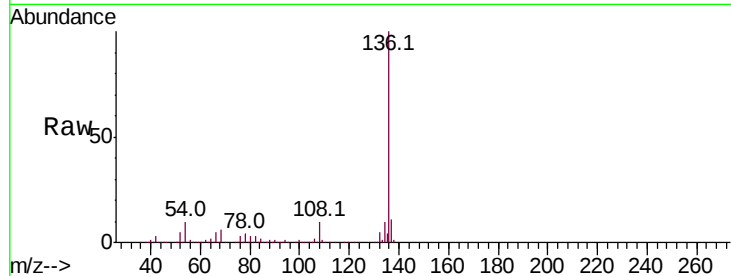
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.7 7.8 11.8

68 6.0 5.1 7.7

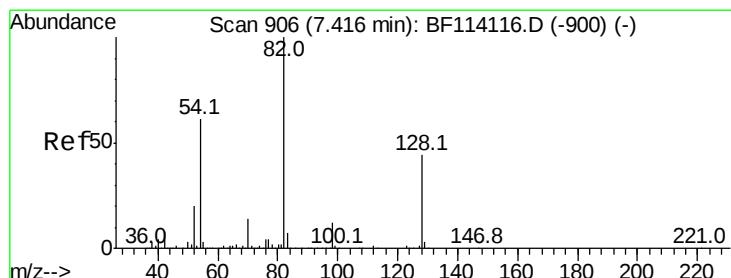
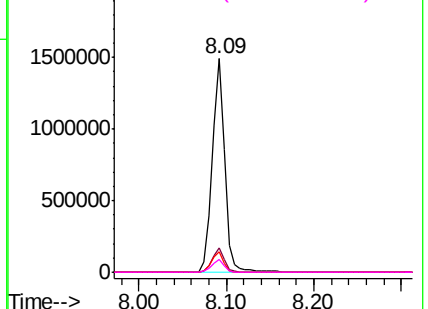


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.836 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

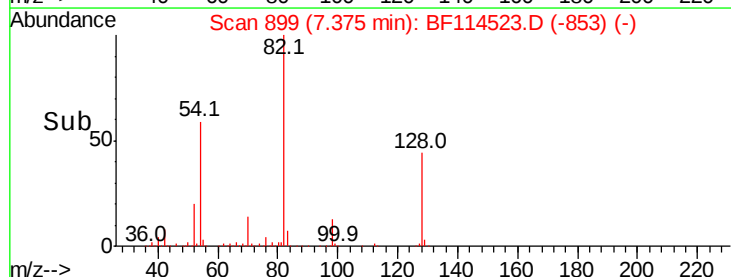
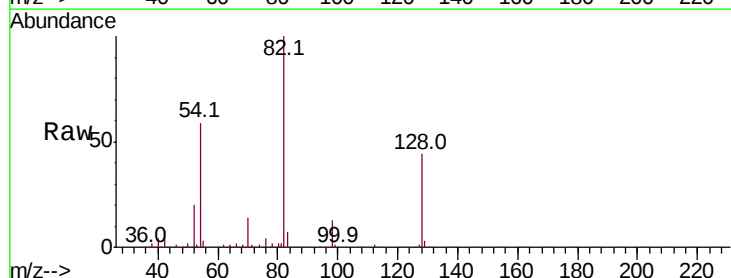
Tgt Ion: 82 Resp: 1083940

Ion Ratio Lower Upper

82 100

128 44.1 35.5 53.3

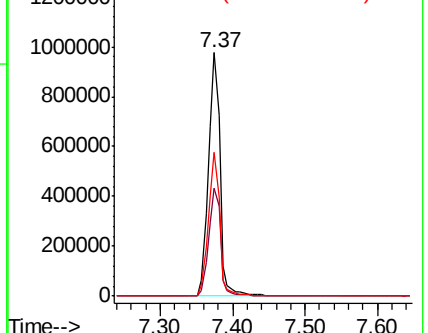
54 58.9 48.5 72.7



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: 22.019 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.29 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB119776BL

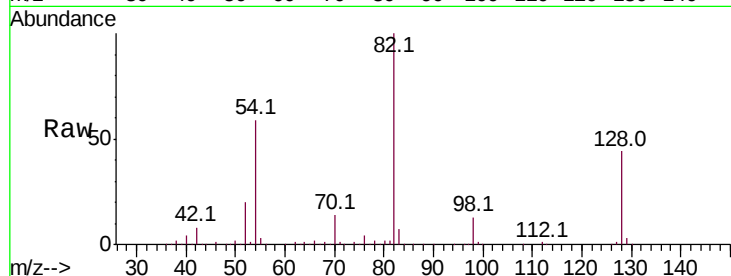
Tot Ion: 82 Resp: 1083932

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

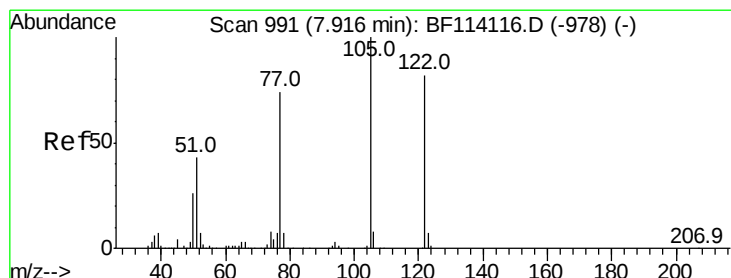
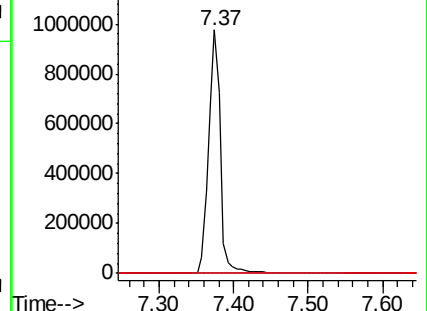
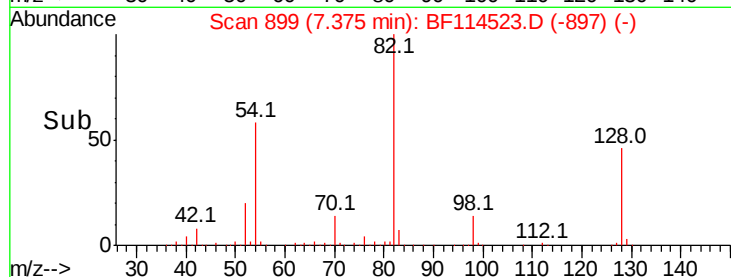
138 0.0 14.8 22.2#



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: 7.037 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.16 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

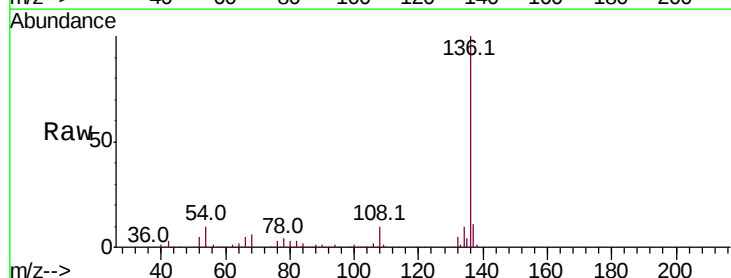
Tgt Ion:122 Resp: 283

Ion Ratio Lower Upper

122 100

105 242.2 99.9 139.9#

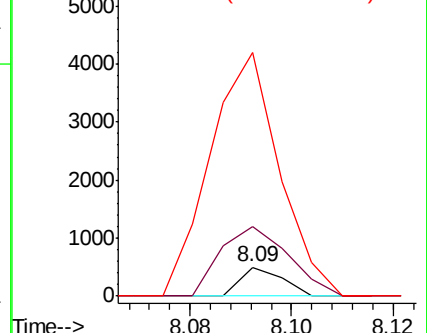
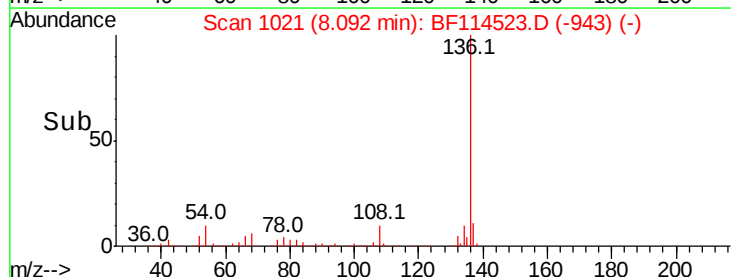
77 847.7 69.4 109.4#

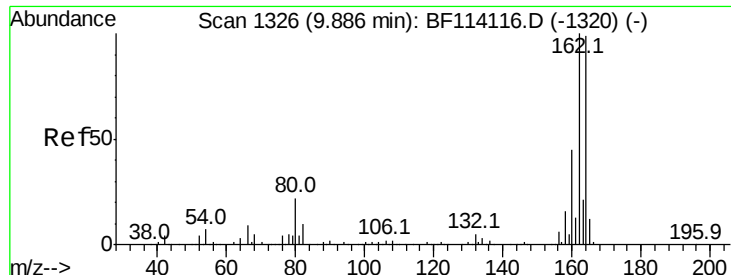


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

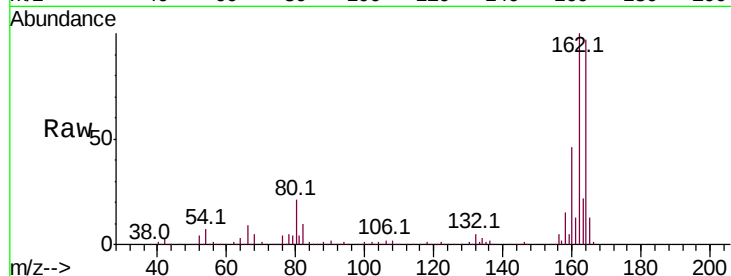




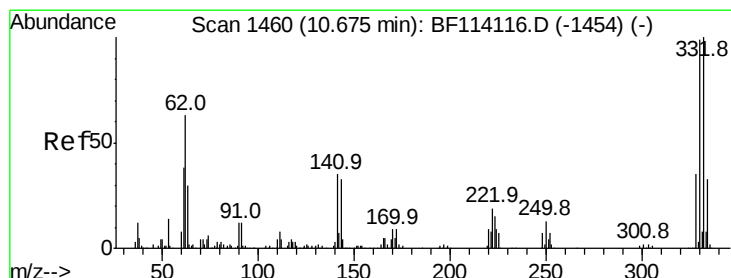
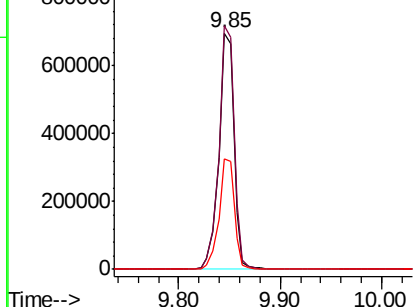
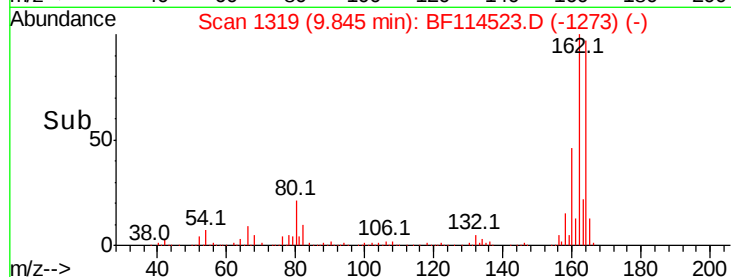
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.03 min
 Lab File: BF114523.D
 Acq: 23 May 2019 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	120.8
160	46.9	36.5	54.7

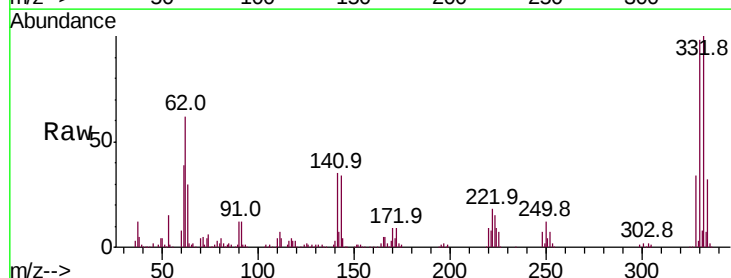


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

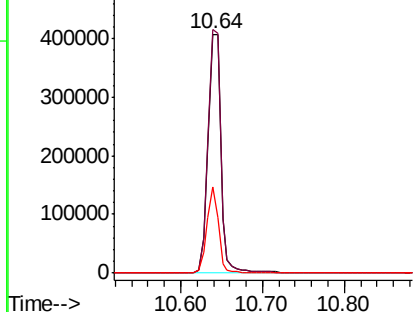
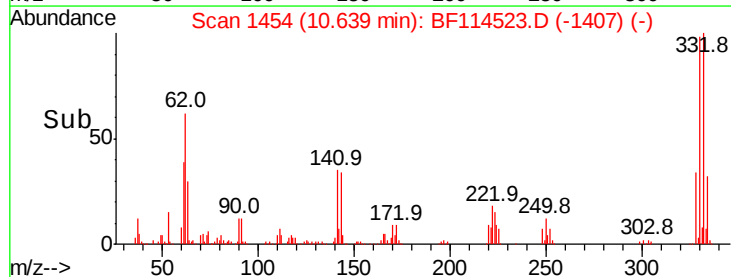


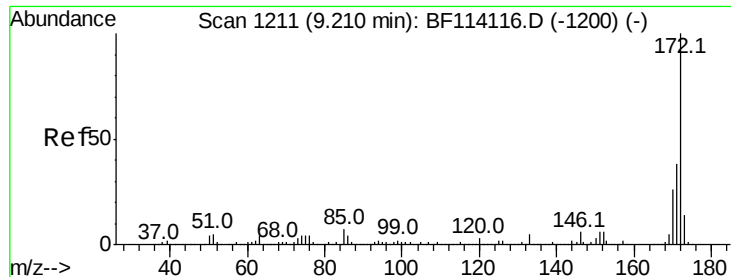
#42
 2,4,6-Tribromophenol
 Concen: 59.692 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF114523.D
 Acq: 23 May 2019 13:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.4	81.4	122.2
141	32.5	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



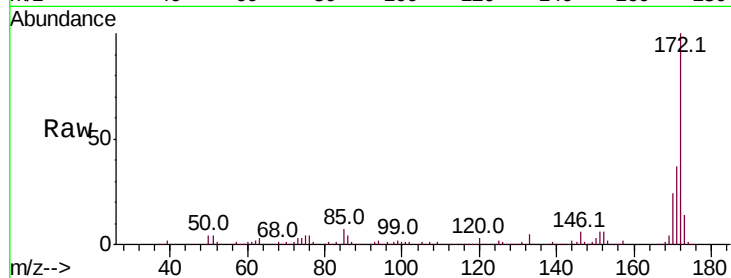


#45
 2-Fluorobiphenyl
 Concen: 41.790 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114523.D
 Acq: 23 May 2019 13:52

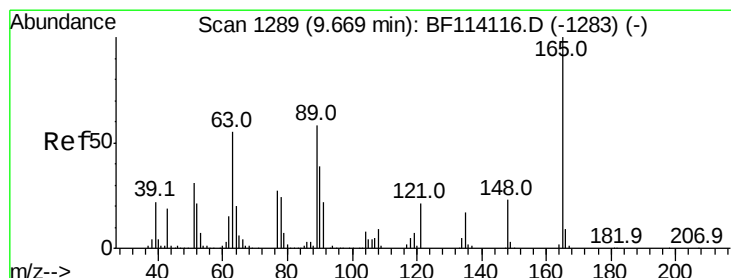
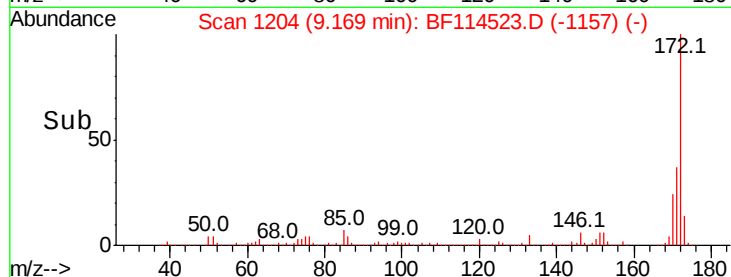
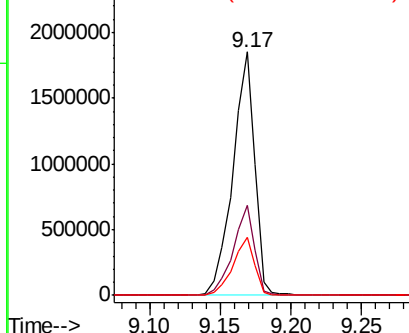
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Tot Ion:172 Resp: 1999757

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	24.0	20.5	30.7



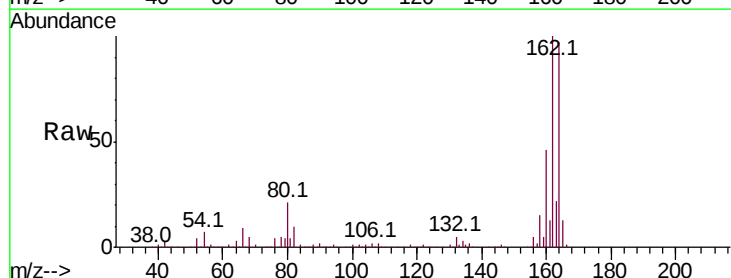
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



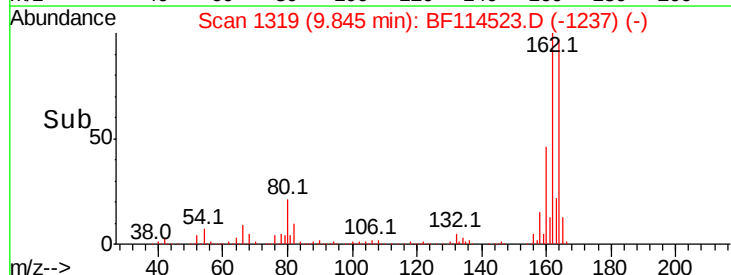
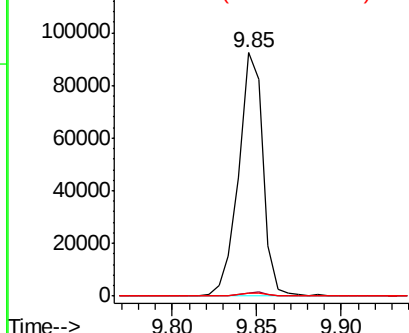
#51
 2,6-Dinitrotoluene
 Concen: 7.879 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.18 min
 Lab File: BF114523.D
 Acq: 23 May 2019 13:52

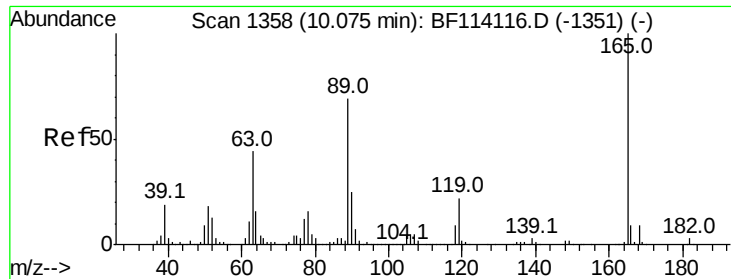
Tgt Ion:165 Resp: 92861

Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.2	75.4#
89	1.3	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

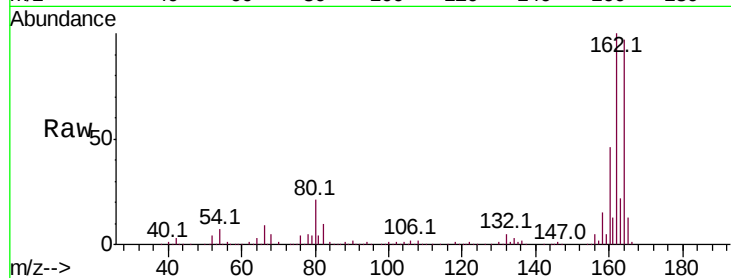




#57
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.22 min
 Lab File: BF114523.D
 Acq: 23 May 2019 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

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

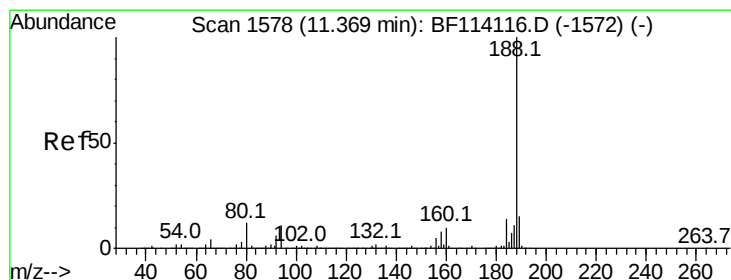
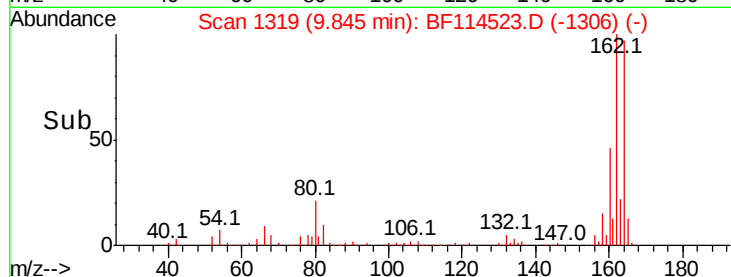
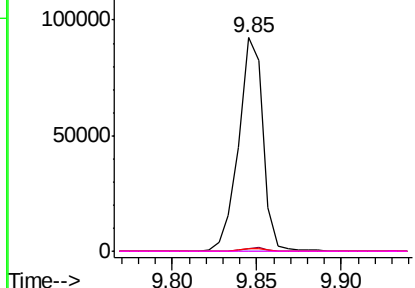


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

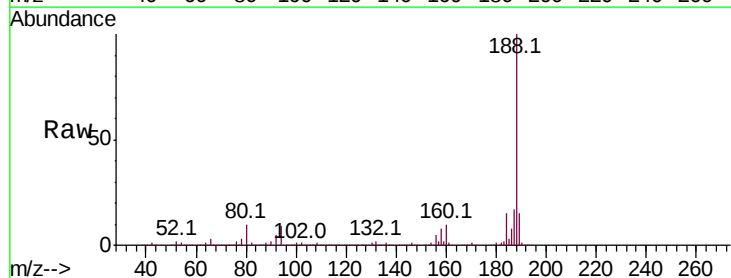
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.02 min
 Lab File: BF114523.D
 Acq: 23 May 2019 13:52

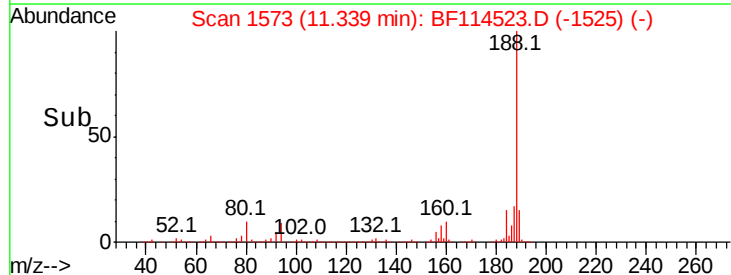
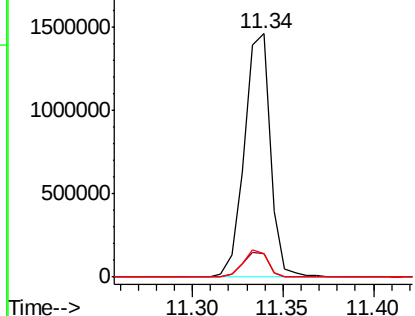
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.4	12.6
80	9.5	9.2	13.8

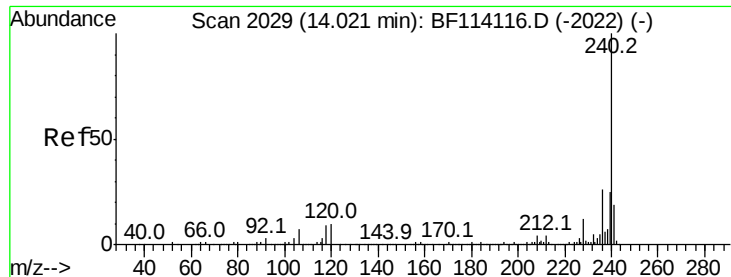


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

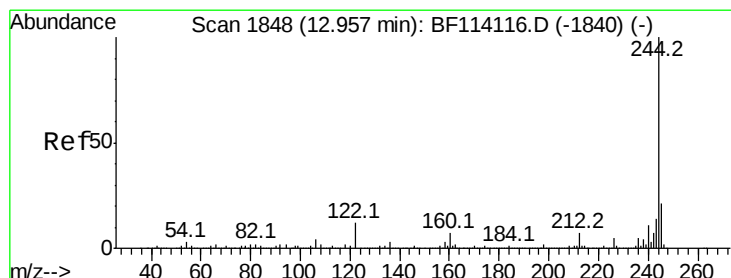
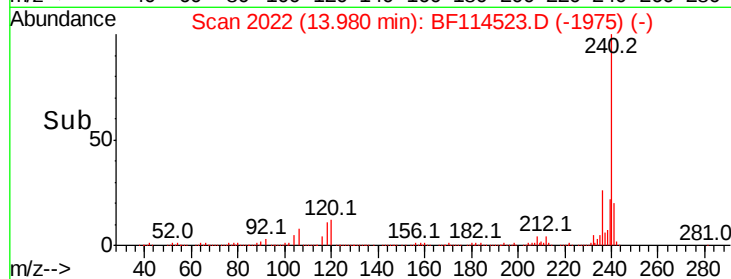
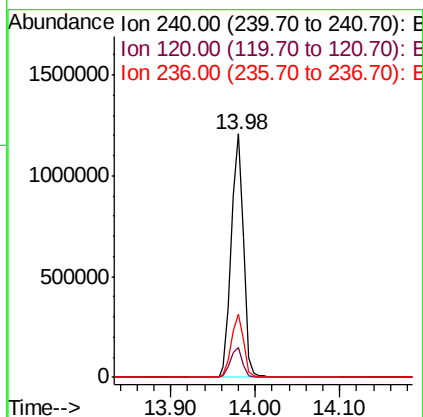
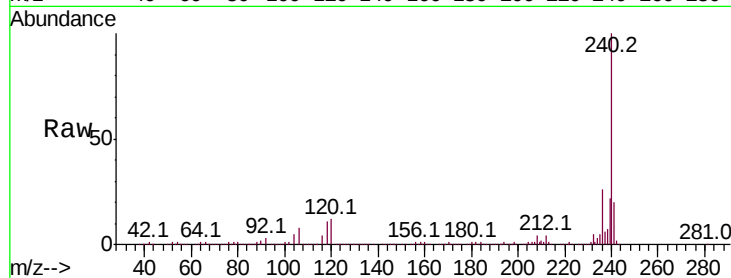




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF114523.D
 Acq: 23 May 2019 13:52

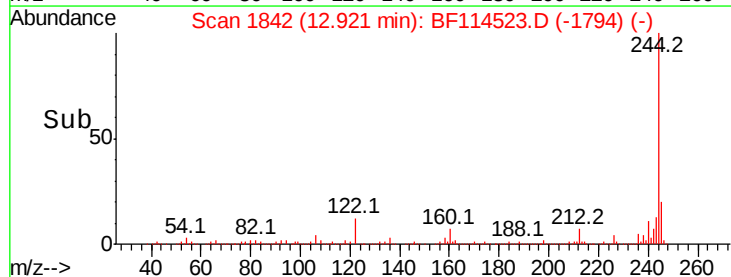
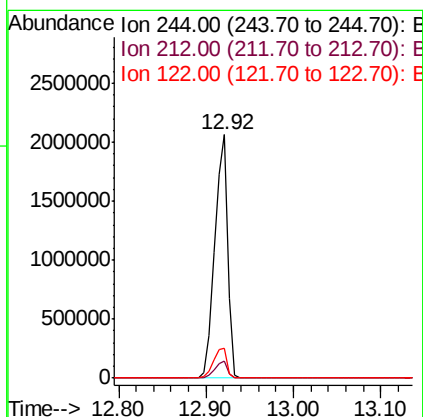
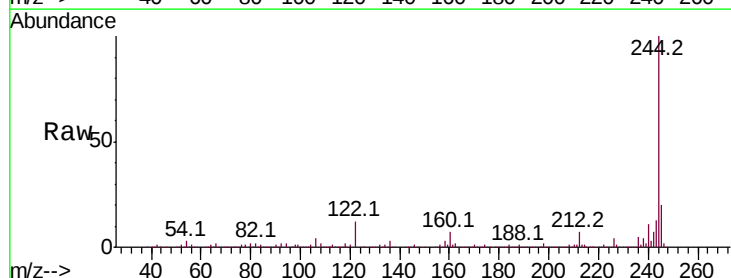
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

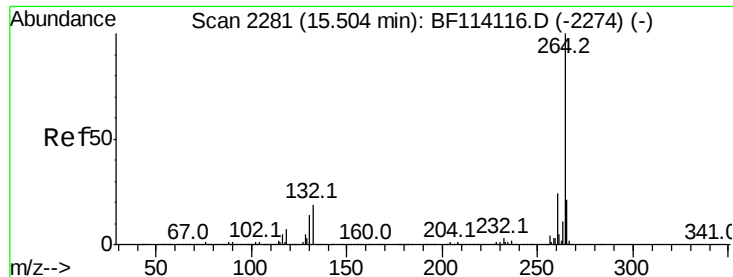
Tot Ion:240 Resp: 1185404
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.3 12.5
 236 26.0 20.8 31.2



#79
 Terphenyl-d14
 Concen: 37.003 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BF114523.D
 Acq: 23 May 2019 13:52

Tgt Ion:244 Resp: 2127820
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 12.5 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF114523.D
Acq: 23 May 2019 13:52

Instrument :
BNA_F
ClientSampleId :
PB119776BL

Tot Ion: 264 Resp: 1160699

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.2	16.9	25.3

