

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119559.D
 Acq On : 27 Mar 2020 10:29
 Operator : CG/JU
 Sample : L2033-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Quant Time: Mar 27 11:28:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

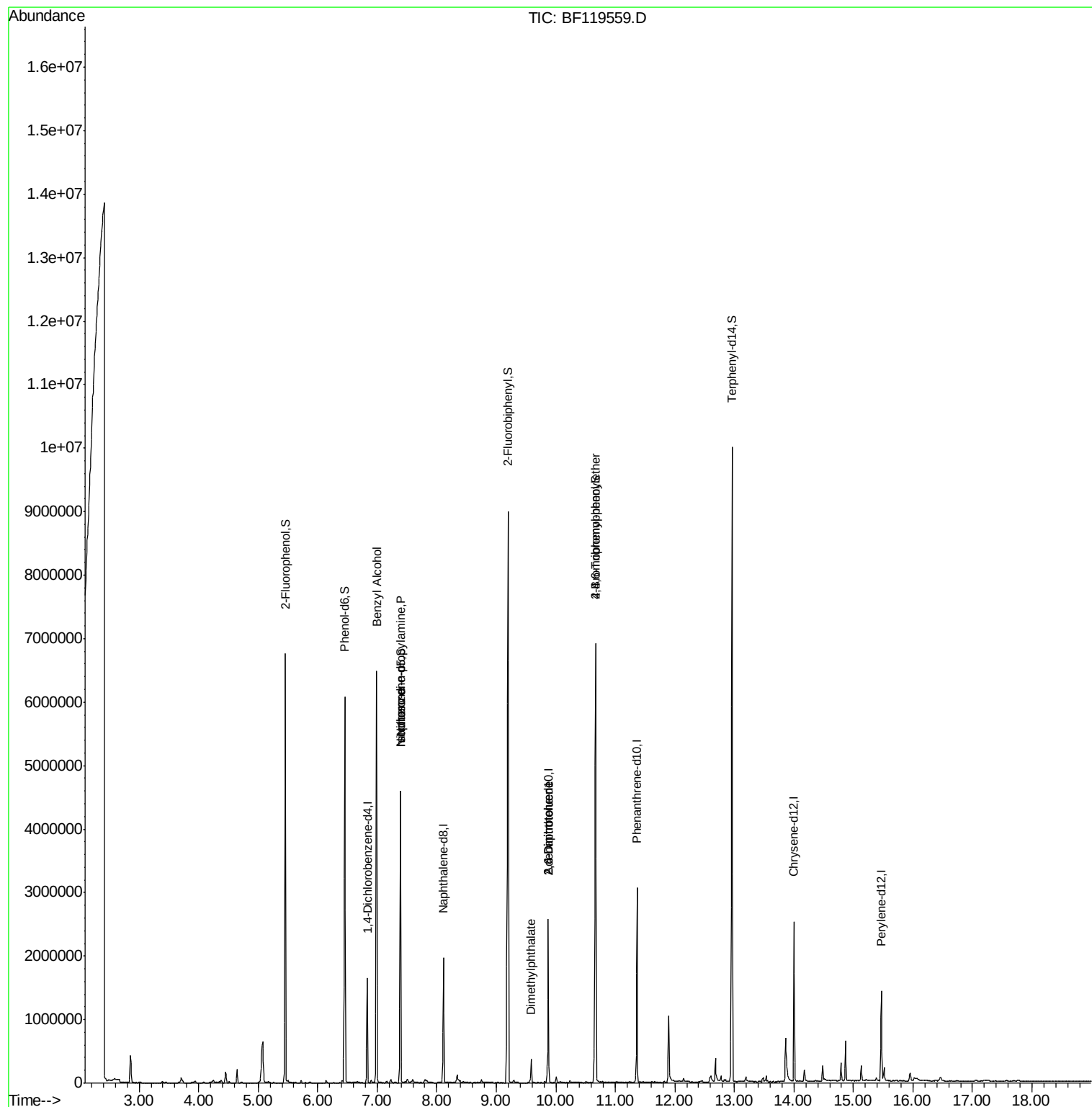
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	257854	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1011425	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	548157	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1091363	20.00	ng	0.00
76) Chrysene-d12	14.00	240	799926	20.00	ng	-0.01
87) Perylene-d12	15.47	264	654145	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2066562	127.58	ng	0.02
7) Phenol-d6	6.46	99	2287653	110.56	ng	0.00
23) Nitrobenzene-d5	7.39	82	1887489	101.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	936679	165.63	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3635736	98.26	ng	0.00
79) Terphenyl-d14	12.96	244	4183372	102.46	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	32304	2.075	ng	# 54
19) n-Nitroso-di-n-propylamine	7.39	70	255875	20.516	ng	# 76
25) Isophorone	7.39	82	1854041	49.112	ng	# 65
50) Dimethylphthalate	9.59	163	160868	4.132	ng	# 99
51) 2,6-Dinitrotoluene	9.87	165	70315	8.425	ng	# 27
57) 2,4-Dinitrotoluene	9.87	165	70315	6.688	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	57936	4.661	ng	# 1

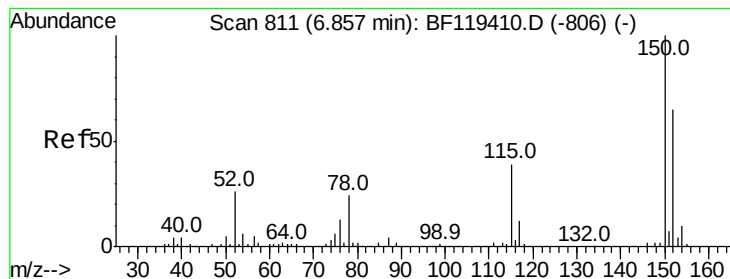
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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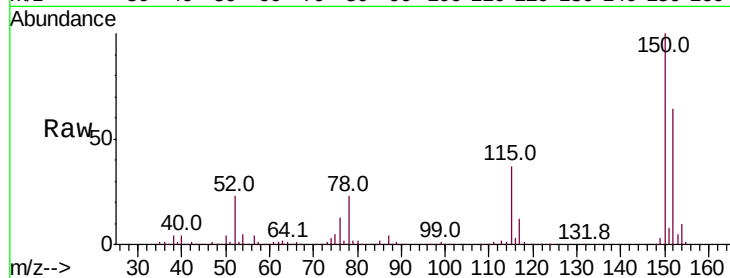


#1

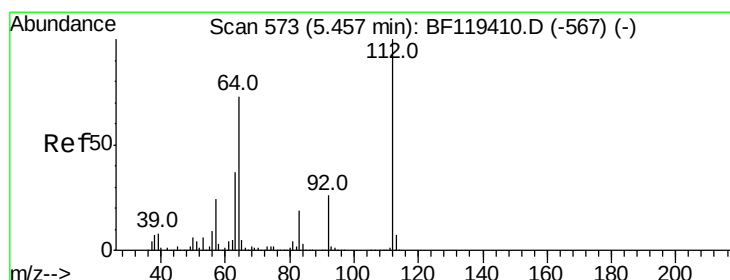
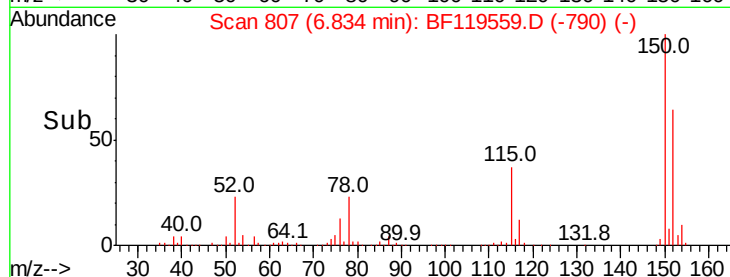
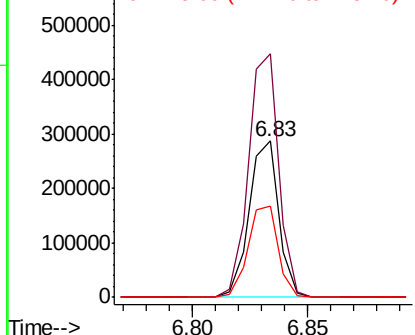
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119559.D
Acq: 27 Mar 2020 10:29

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.5	186.7
115	58.3	49.6	74.4



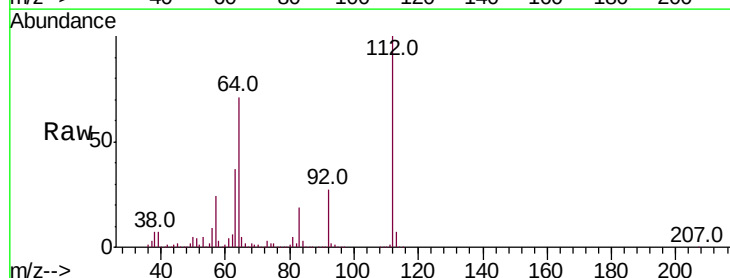
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



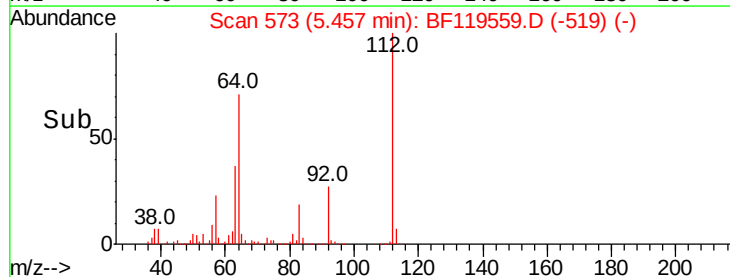
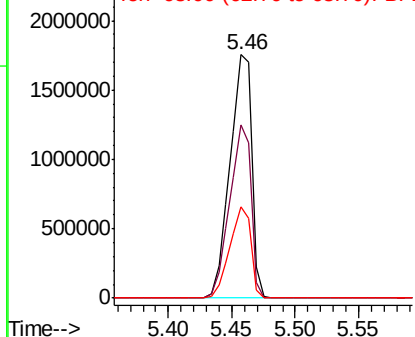
#5

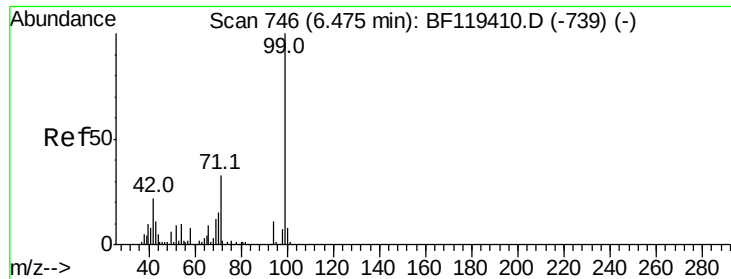
2-Fluorophenol
Concen: 127.583 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF119559.D
Acq: 27 Mar 2020 10:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	56.7	85.1
63	37.3	29.5	44.3



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: 110.560 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119559.D

Acq: 27 Mar 2020 10:29

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

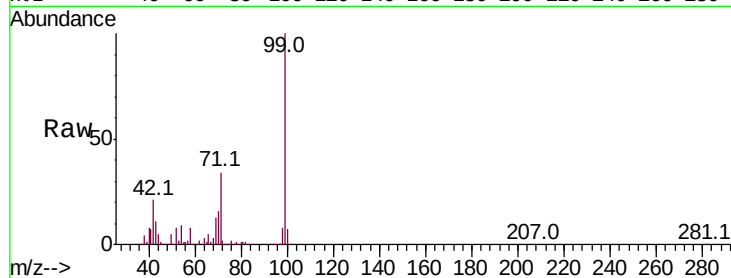
Tot Ion: 99 Resp: 2287653

Ion Ratio Lower Upper

99 100

42 21.0 16.6 24.8

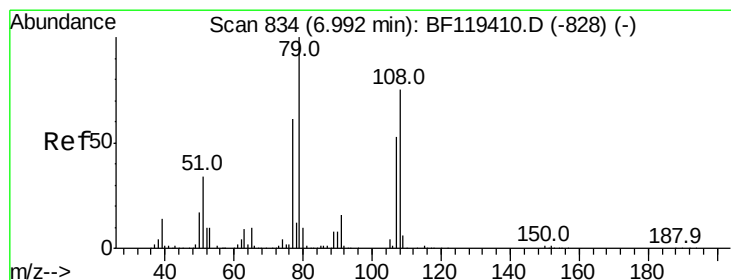
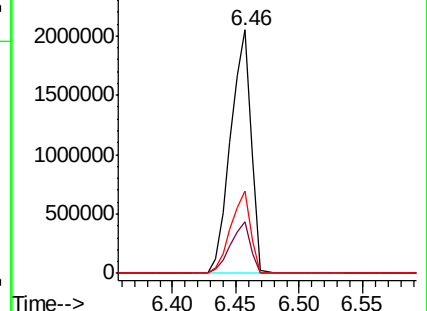
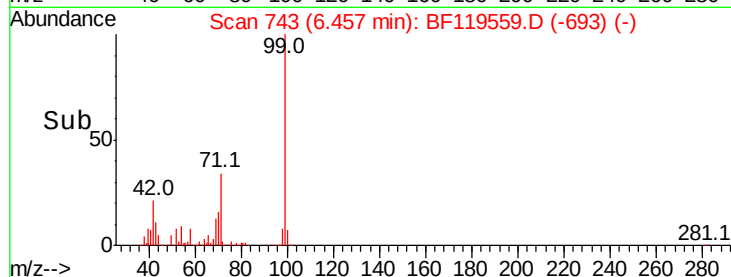
71 33.9 26.4 39.6



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



#15

Benzyl Alcohol

Concen: 2.075 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF119559.D

Acq: 27 Mar 2020 10:29

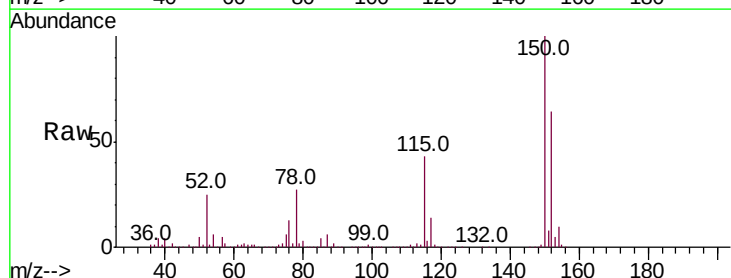
Tgt Ion: 79 Resp: 32304

Ion Ratio Lower Upper

79 100

108 25.6 60.6 90.8#

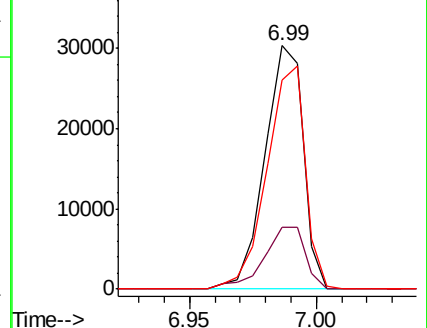
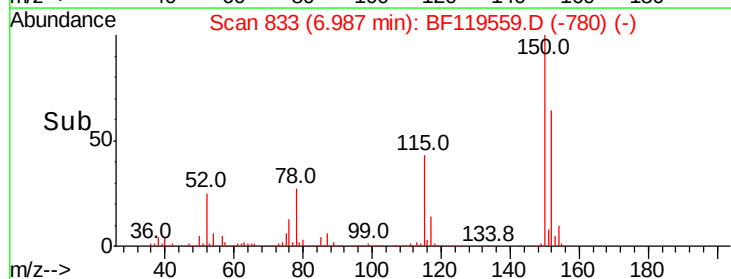
77 86.0 50.2 75.2#

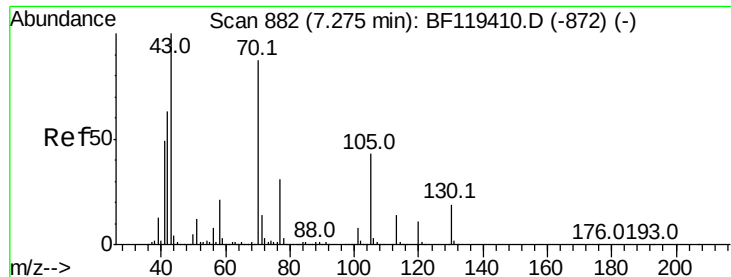


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

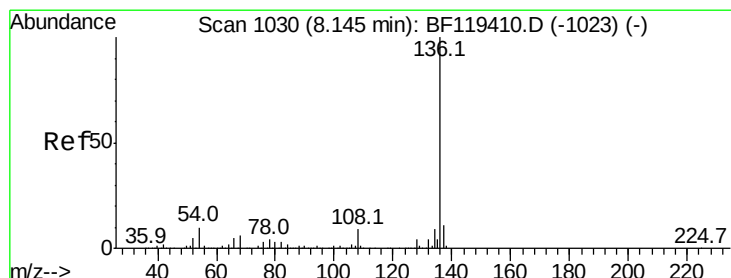
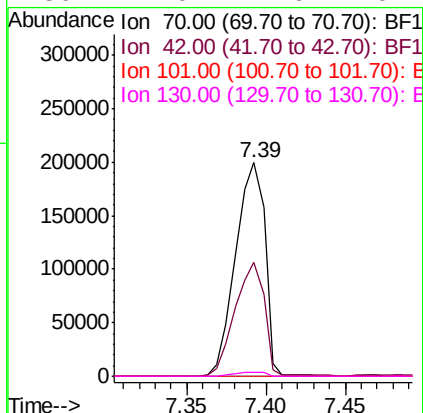
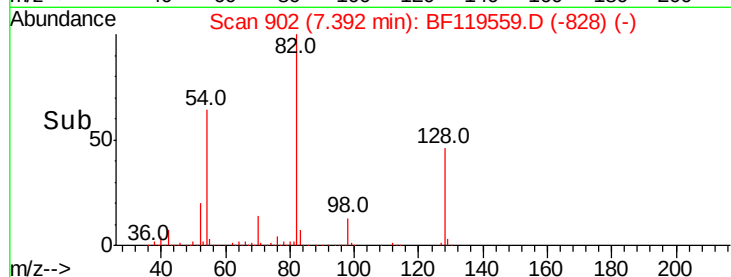
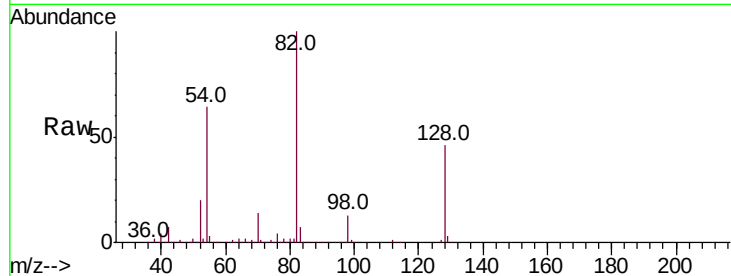




#19
n-Nitroso-di-n-propylamine
Concen: 20.516 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.14 min
Lab File: BF119559.D
Acq: 27 Mar 2020 10:29

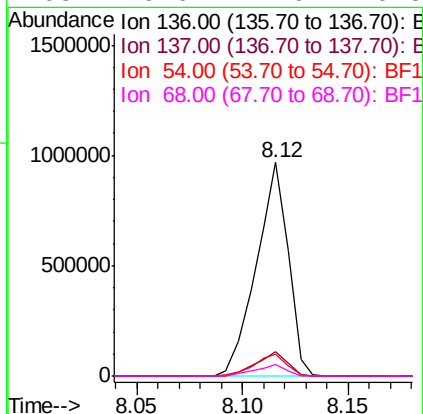
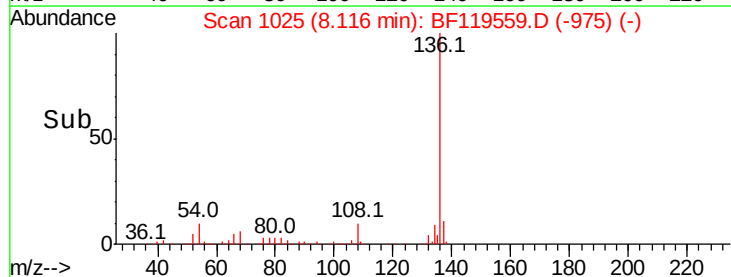
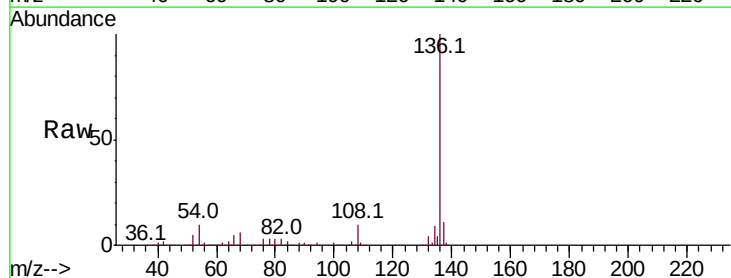
Instrument :
BNA_F
ClientSampleId :
BUS-WASH

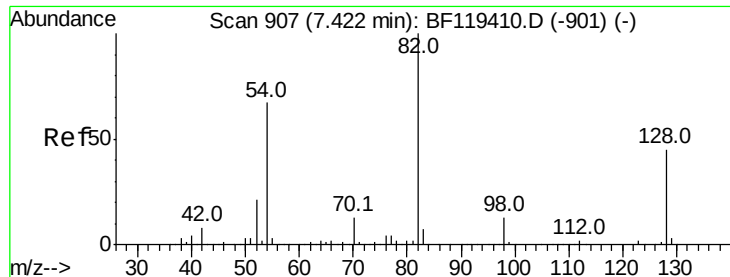
Tot Ion: 70 Resp: 255875
Ion Ratio Lower Upper
70 100
42 53.1 54.5 81.7#
101 0.0 7.6 11.4#
130 2.0 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119559.D
Acq: 27 Mar 2020 10:29

Tgt Ion: 136 Resp: 1011425
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.5 9.1 13.7
68 5.6 4.6 6.8



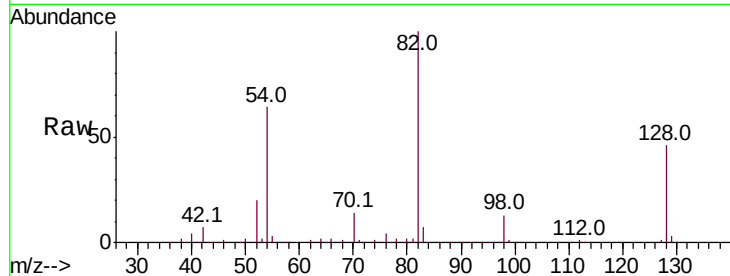


#23
 Nitrobenzene-d5
 Concen: 101.422 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119559.D
 Acq: 27 Mar 2020 10:29

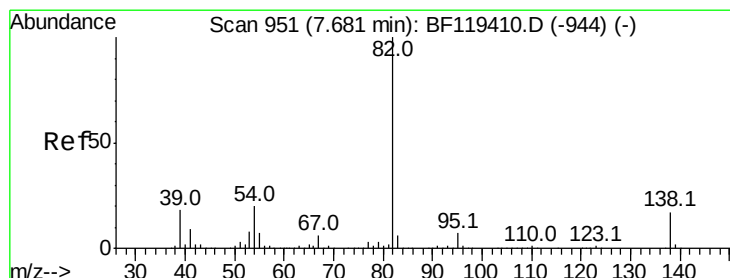
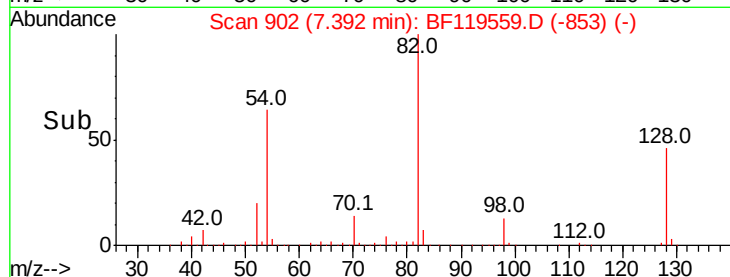
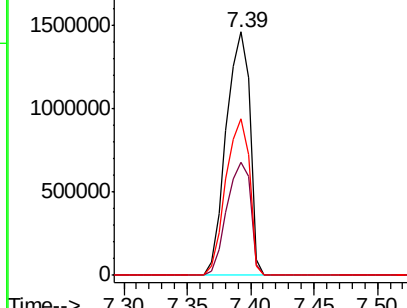
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion: 82 Resp: 1887489

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	64.1	50.6	75.8



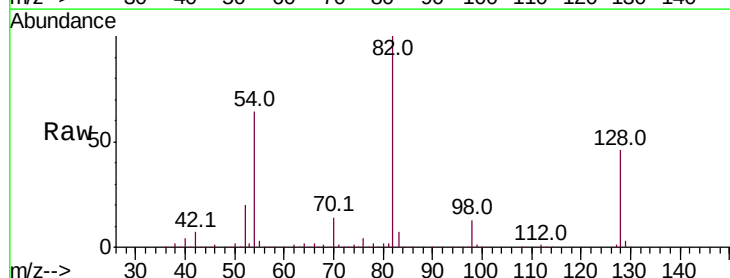
Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



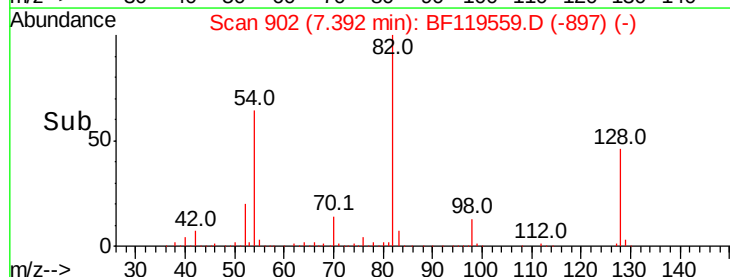
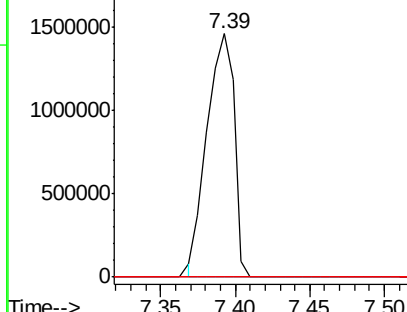
#25
 Isophorone
 Concen: 49.112 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.27 min
 Lab File: BF119559.D
 Acq: 27 Mar 2020 10:29

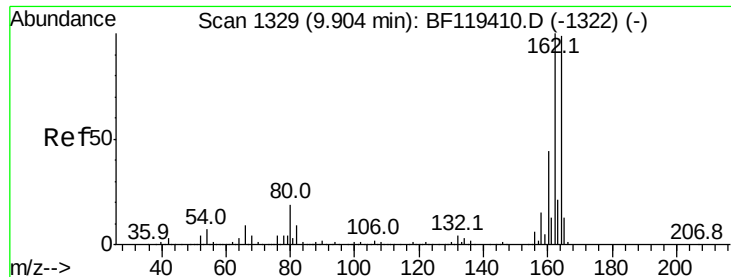
Tgt Ion: 82 Resp: 1854041

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

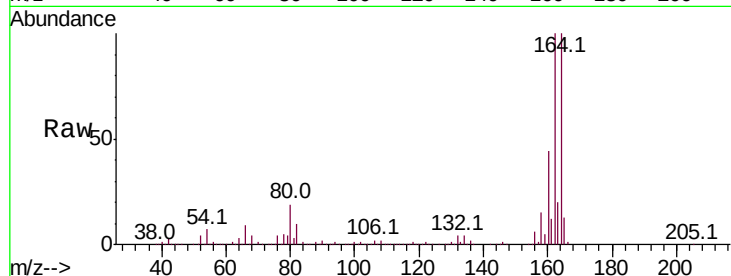




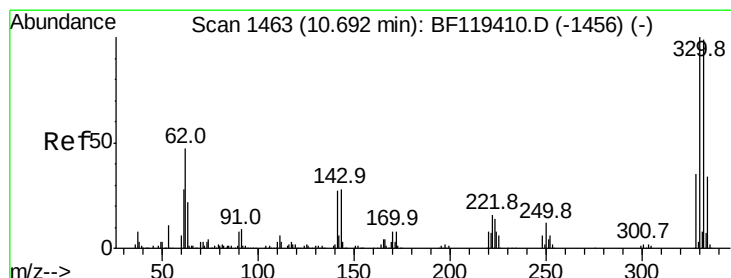
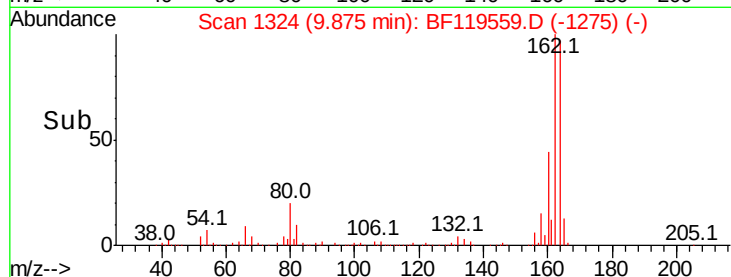
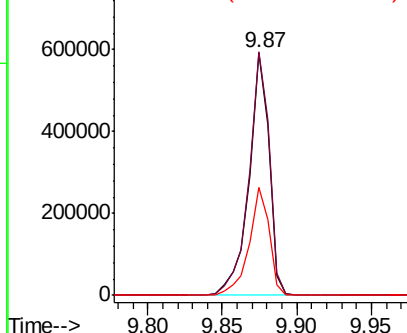
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF119559.D
 Acq: 27 Mar 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion:164 Resp: 548157
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.6 121.0
 160 44.5 35.7 53.5

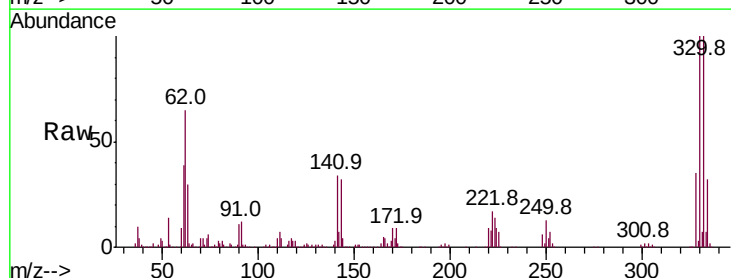


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

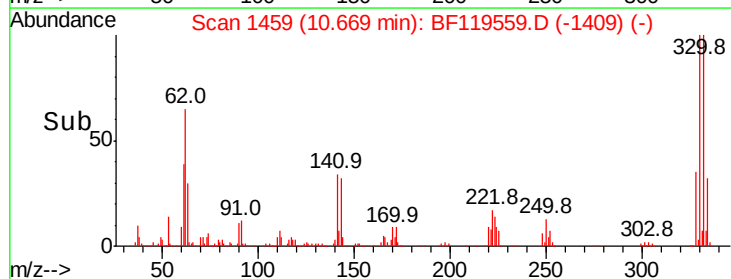
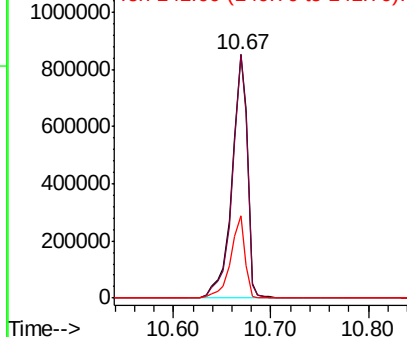


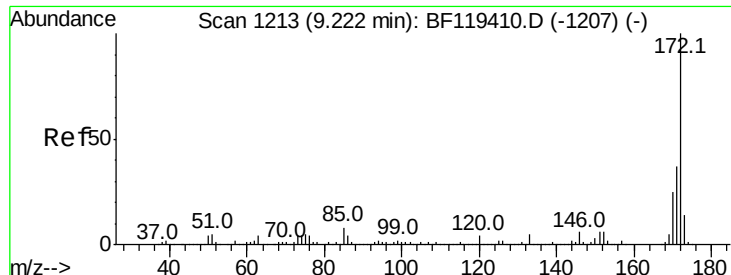
#42
 2,4,6-Tribromophenol
 Concen: 165.633 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119559.D
 Acq: 27 Mar 2020 10:29

Tgt Ion:330 Resp: 936679
 Ion Ratio Lower Upper
 330 100
 332 98.0 75.7 113.5
 141 31.1 25.4 38.0



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



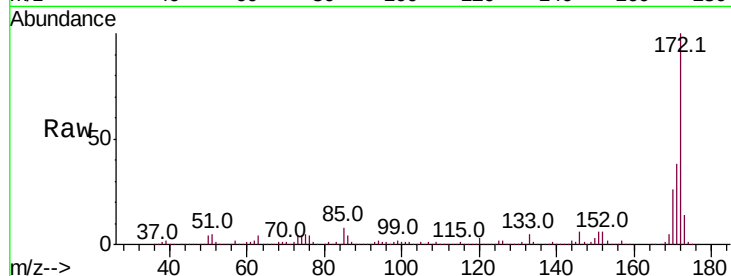


#45
 2-Fluorobiphenyl
 Concen: 98.261 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119559.D
 Acq: 27 Mar 2020 10:29

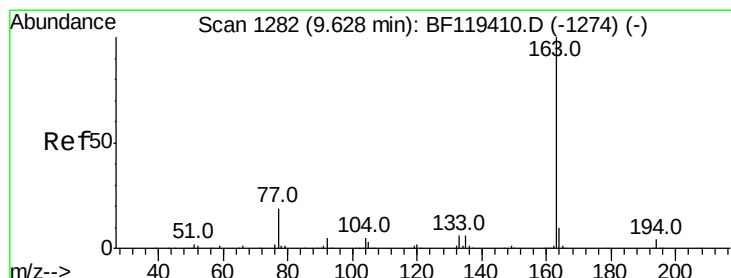
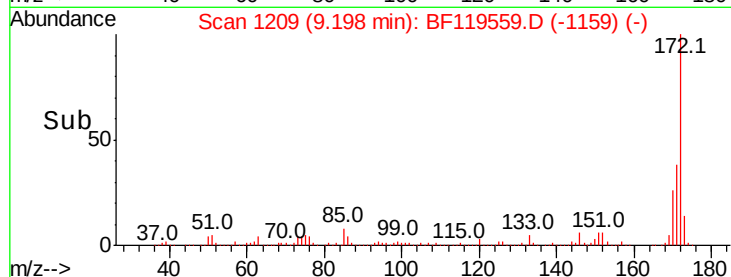
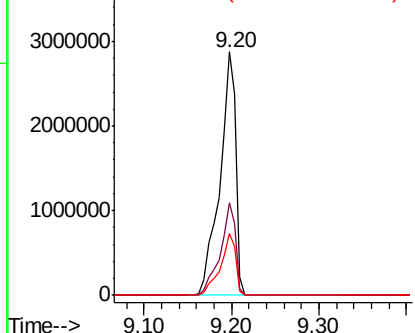
Instrument :
 BNA_F
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Tot Ion:172 Resp: 3635736

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.6	44.4
170	25.5	20.2	30.2



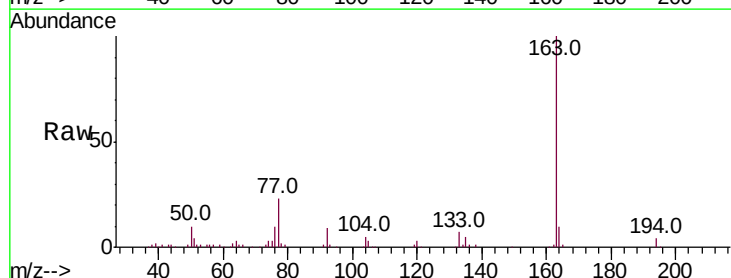
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



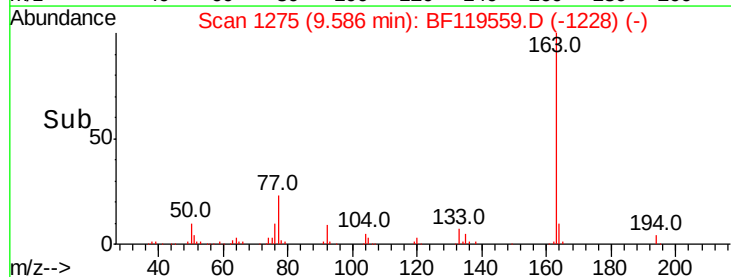
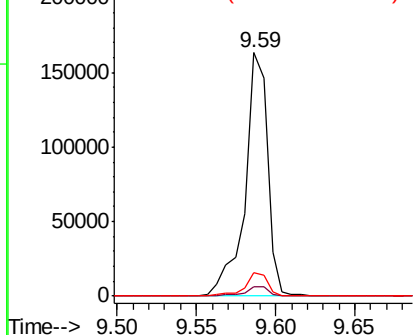
#50
 Dimethylphthalate
 Concen: 4.132 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF119559.D
 Acq: 27 Mar 2020 10:29

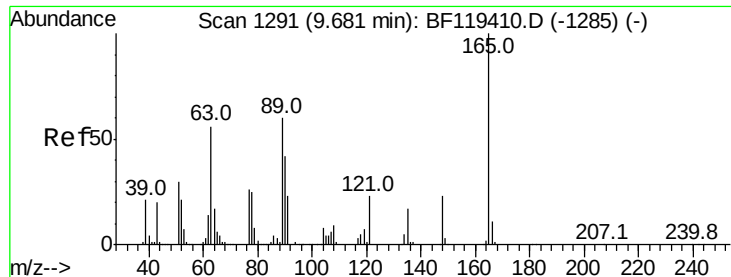
Tgt Ion:163 Resp: 160868

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.6	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.425 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF119559.D

Acq: 27 Mar 2020 10:29

Instrument :

BNA_F

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BUS-WASH

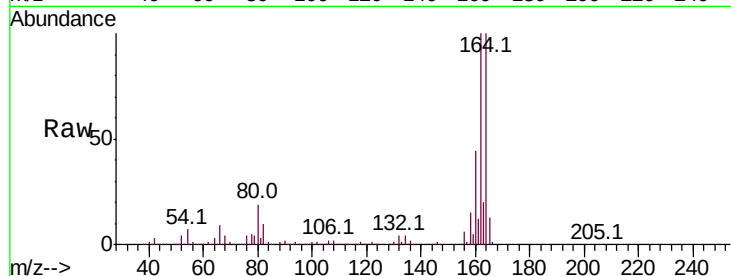
Tot Ion:165 Resp: 70315

Ion Ratio Lower Upper

165 100

63 1.7 45.0 67.4#

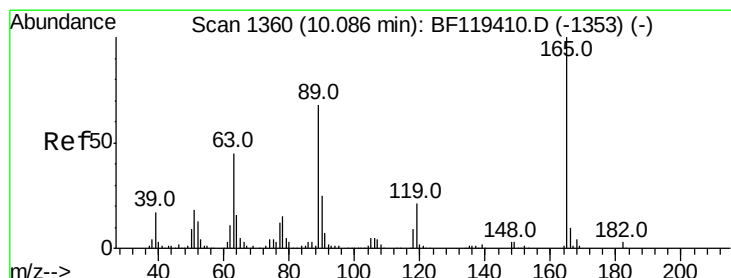
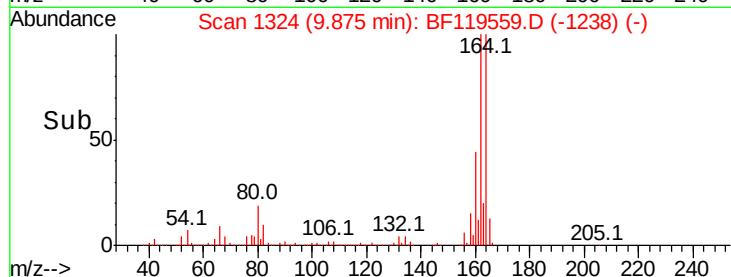
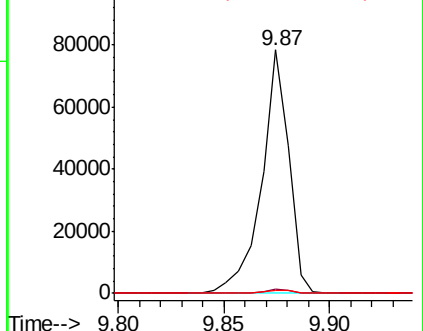
89 1.4 41.5 62.3#



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: 6.688 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119559.D

Acq: 27 Mar 2020 10:29

Tgt Ion:165 Resp: 70315

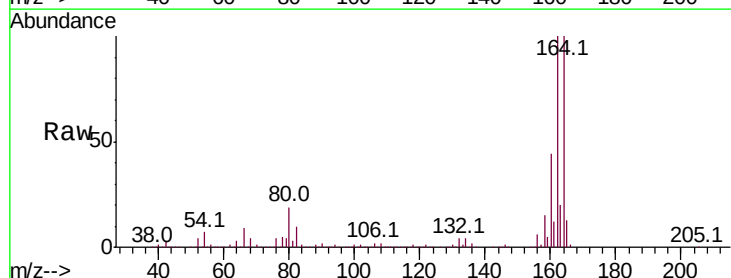
Ion Ratio Lower Upper

165 100

63 1.7 42.6 64.0#

89 1.4 61.0 91.4#

182 0.0 2.2 3.2#

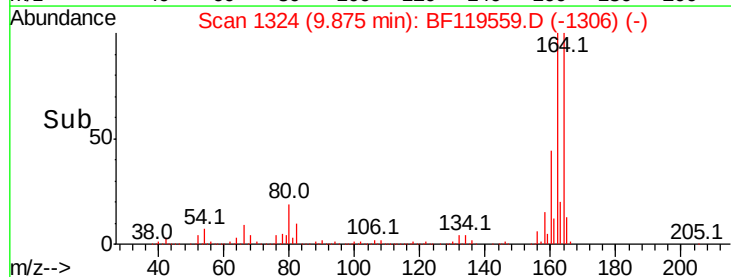
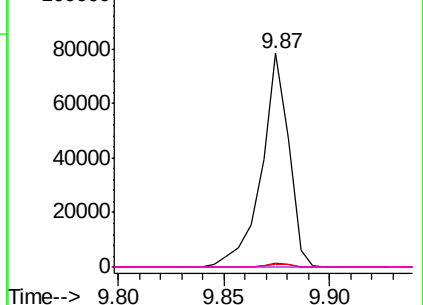


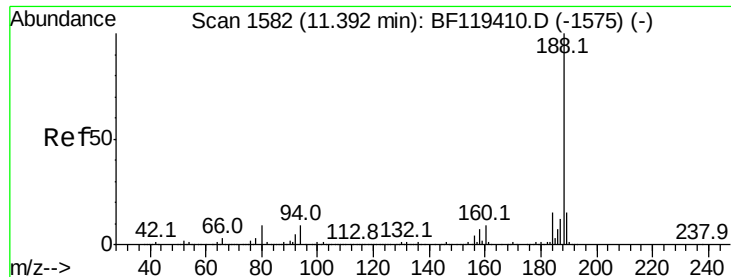
Abundance Ion 165.00 (164.70 to 165.70): E

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

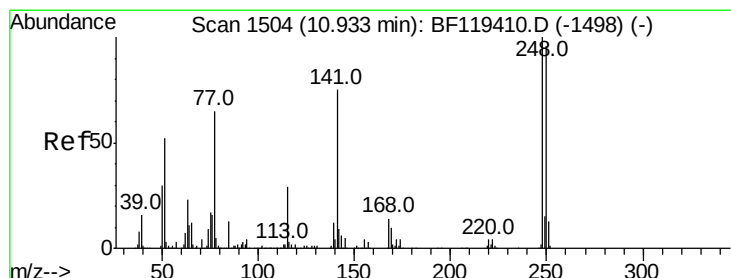
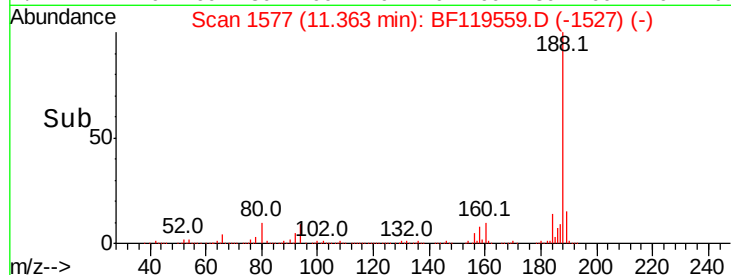
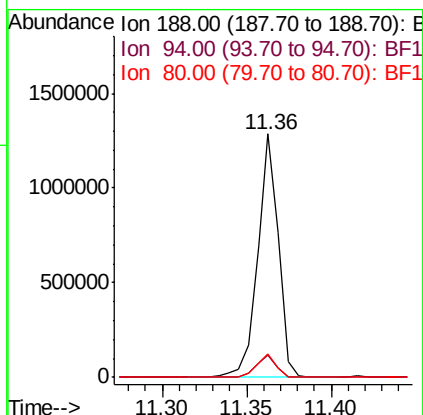
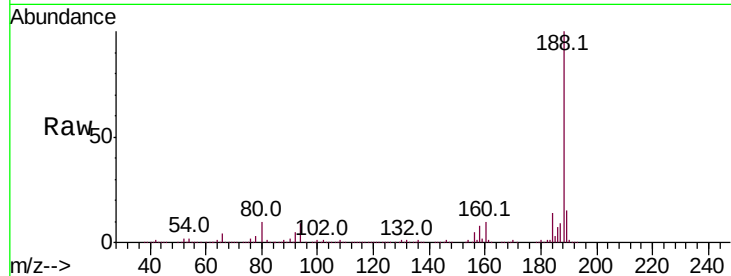




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119559.D
Acq: 27 Mar 2020 10:29

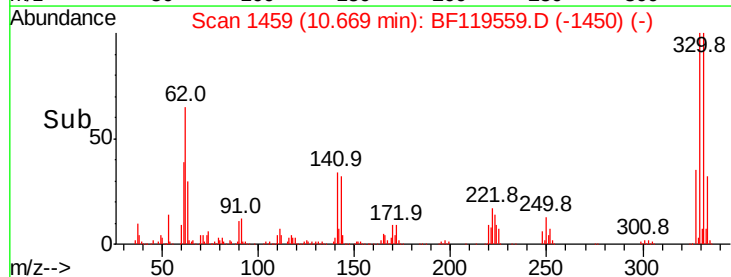
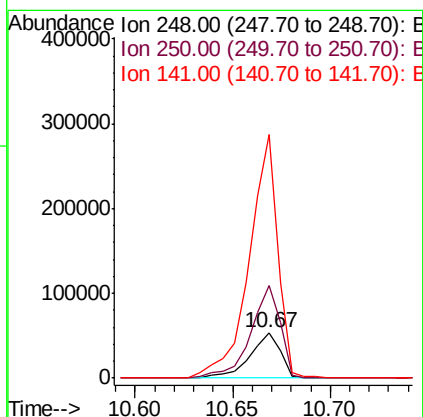
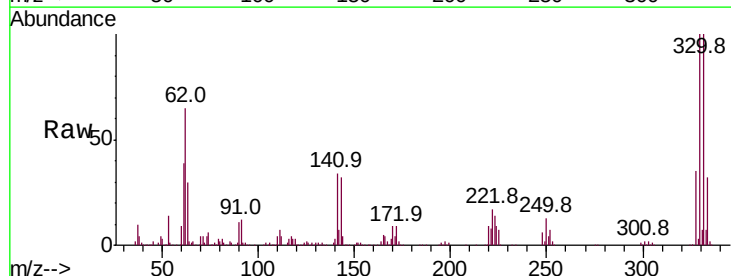
Instrument :
BNA_F
ClientSampleId :
BUS-WASH

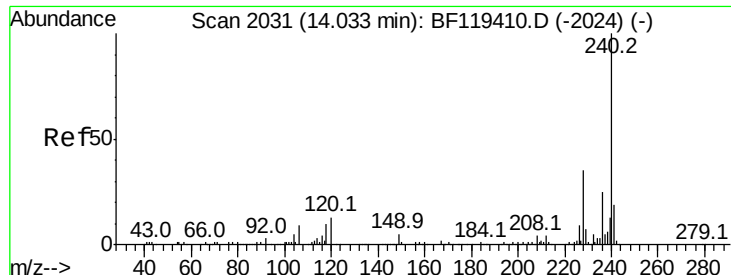
Tot Ion:188 Resp: 1091363
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.6 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.661 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF119559.D
Acq: 27 Mar 2020 10:29

Tgt Ion:248 Resp: 57936
Ion Ratio Lower Upper
248 100
250 204.2 77.3 115.9#
141 537.2 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119559.D

Acq: 27 Mar 2020 10:29

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

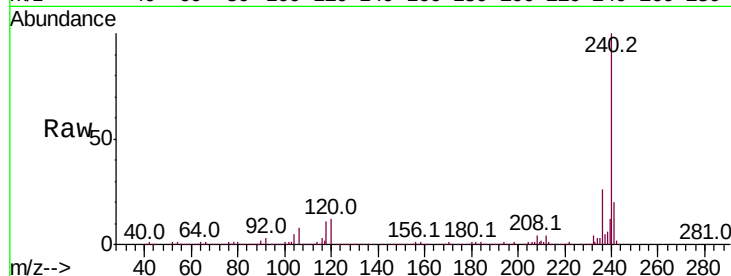
Tot Ion:240 Resp: 799926

Ion Ratio Lower Upper

240 100

120 11.8 10.6 15.8

236 26.1 20.2 30.2

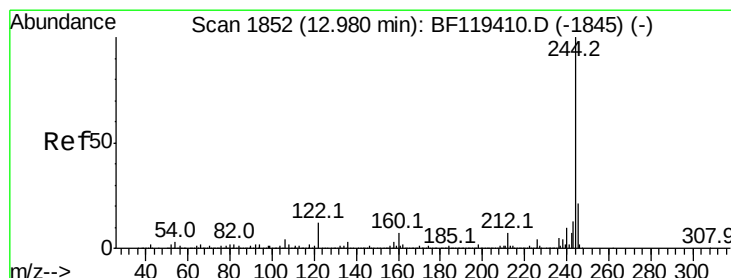
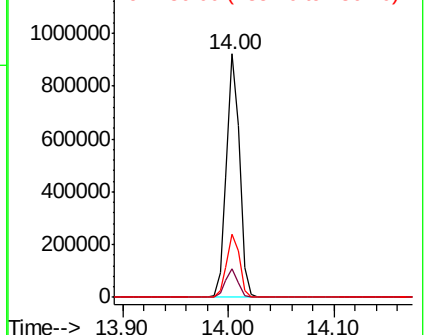
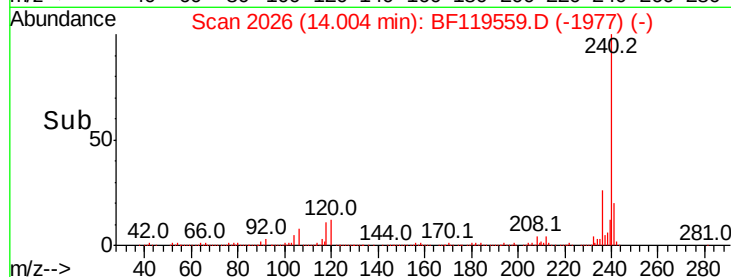


Abundance

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: 102.461 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119559.D

Acq: 27 Mar 2020 10:29

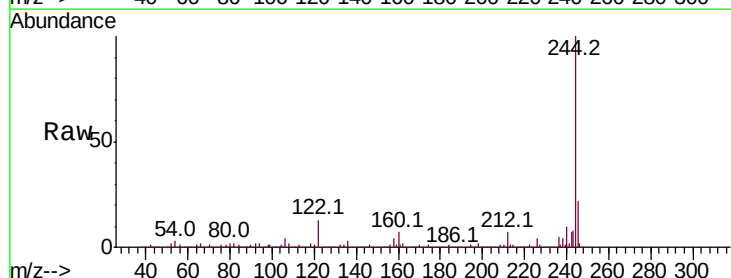
Tgt Ion:244 Resp: 4183372

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 13.0 10.3 15.5

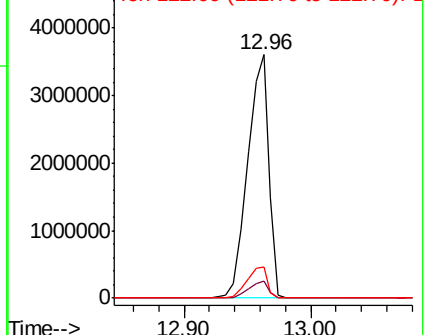
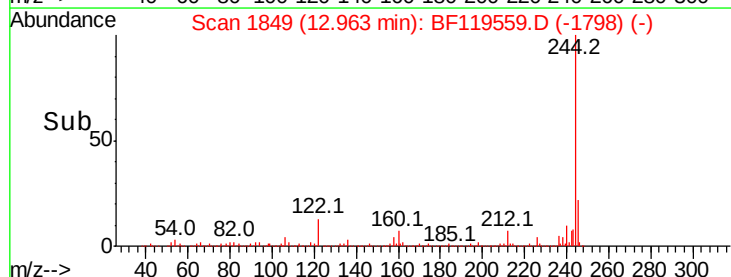


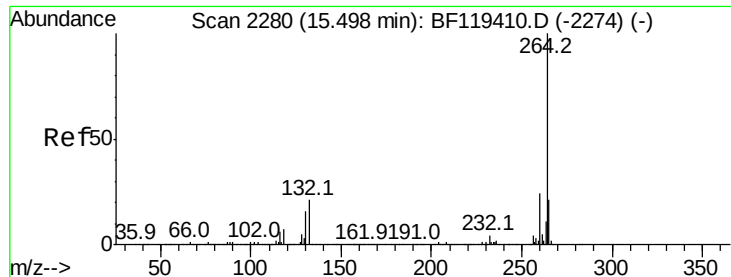
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

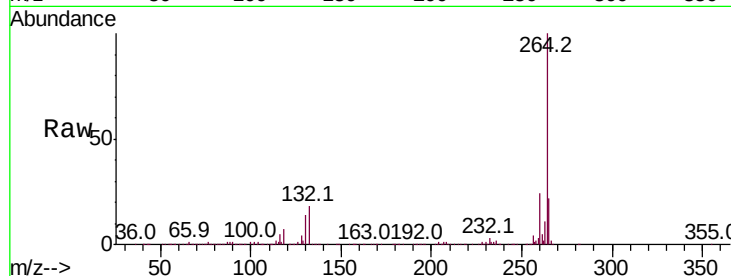




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF119559.D
 Acq: 27 Mar 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.3	17.7	26.5



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

