

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119675.D
 Acq On : 1 Apr 2020 15:27
 Operator : MA/SJ
 Sample : L2070-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUSH-WASH

Quant Time: Apr 02 00:54:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

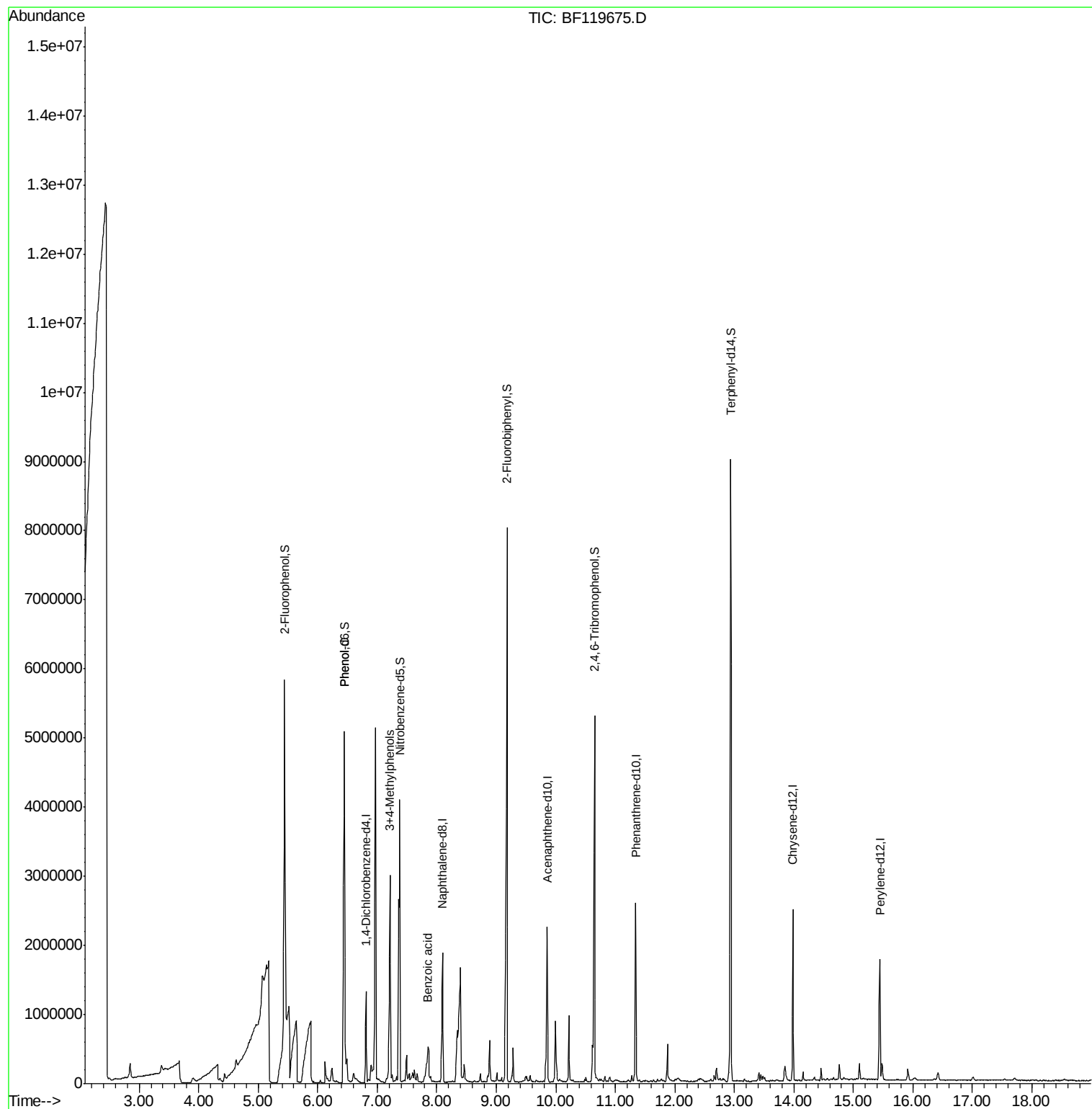
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	258546	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1010526	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	524323	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1034173	20.00	ng	0.00
76) Chrysene-d12	13.99	240	850524	20.00	ng	-0.01
87) Perylene-d12	15.44	264	817590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2153286	132.58	ng	0.04
7) Phenol-d6	6.45	99	2498896	120.45	ng	0.00
23) Nitrobenzene-d5	7.38	82	1912802	102.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	881670	162.99	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3388886	95.75	ng	0.00
79) Terphenyl-d14	12.94	244	3964258	91.32	ng	0.00
Target Compounds						
10) Phenol	6.46	94	99629	4.500	ng	83
20) 3+4-Methylphenols	7.22	107	915457	47.795	ng	# 74
32) Benzoic acid	7.85	122	155544	14.947	ng	97

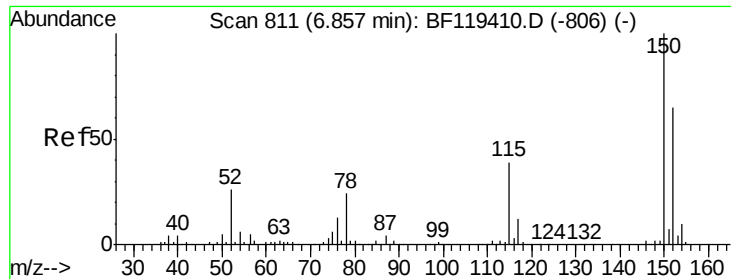
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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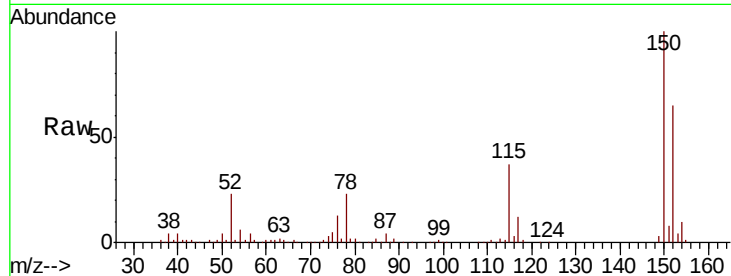


#1

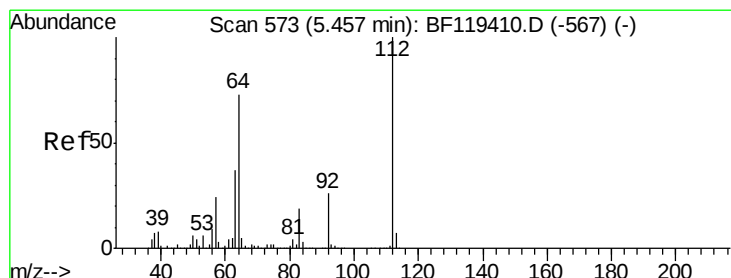
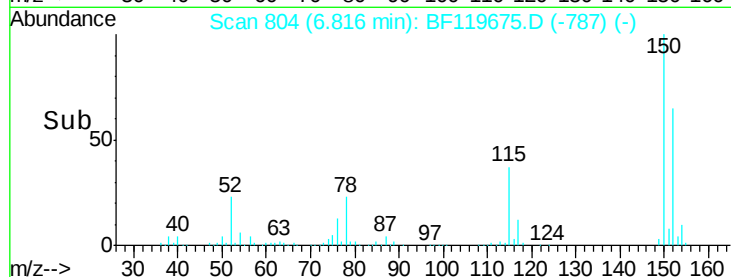
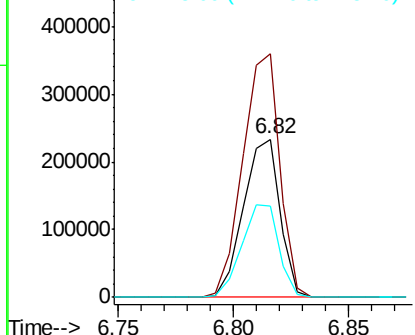
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF119675.D
Acq: 1 Apr 2020 15:27

Instrument :
BNA_F
ClientSampleId :
BUSH-WASH

Tot Ion:152 Resp: 258546
Ion Ratio Lower Upper
152 100
150 153.6 124.5 186.7
115 57.3 49.6 74.4



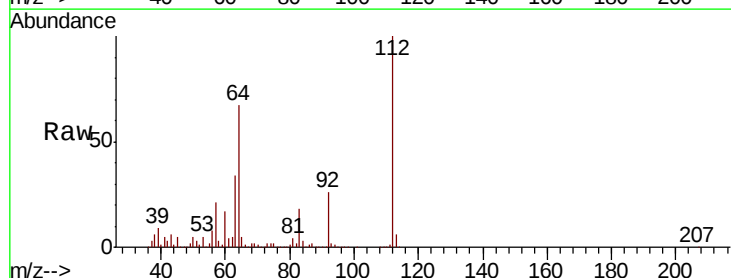
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



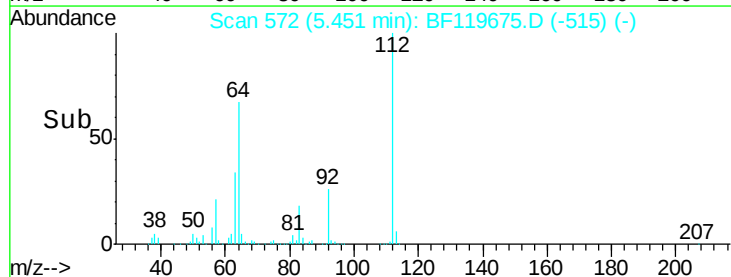
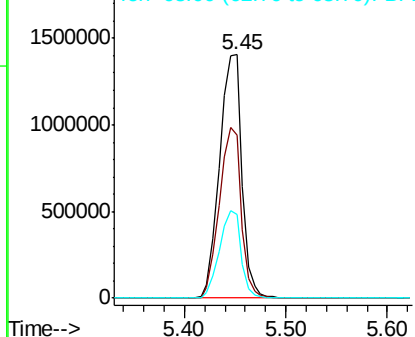
#5

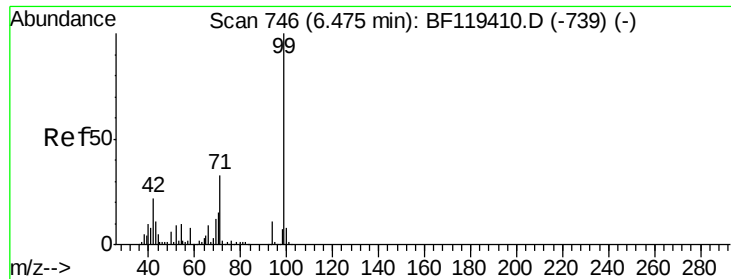
2-Fluorophenol
Concen: 132.581 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.04 min
Lab File: BF119675.D
Acq: 1 Apr 2020 15:27

Tgt Ion:112 Resp: 2153286
Ion Ratio Lower Upper
112 100
64 67.2 56.7 85.1
63 34.1 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: 120.445 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

Instrument :

BNA_F

ClientSampleId :

BUSH-WASH

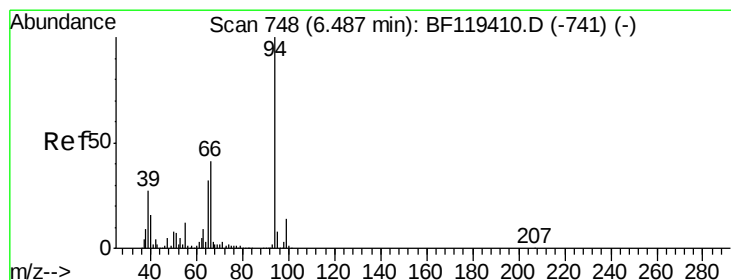
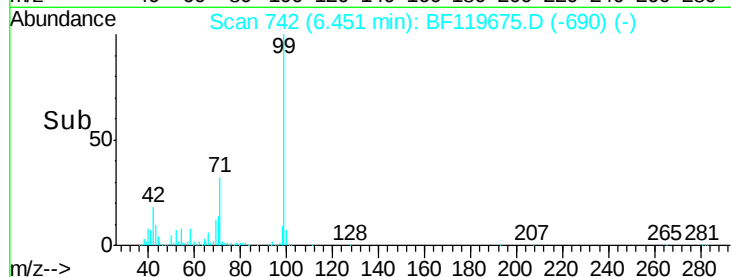
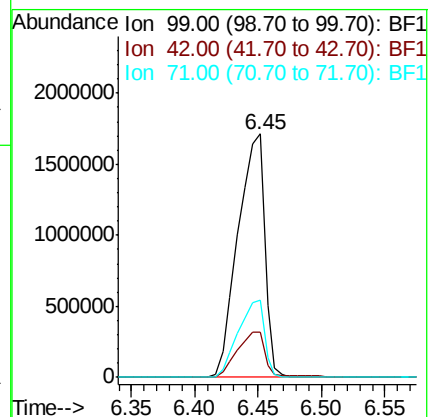
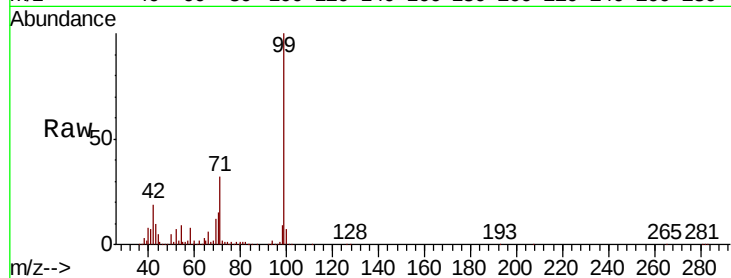
Tot Ion: 99 Resp: 2498896

Ion Ratio Lower Upper

99 100

42 18.8 16.6 24.8

71 31.9 26.4 39.6



#10

Phenol

Concen: 4.500 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

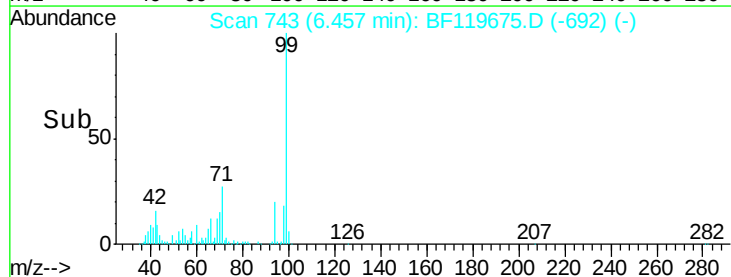
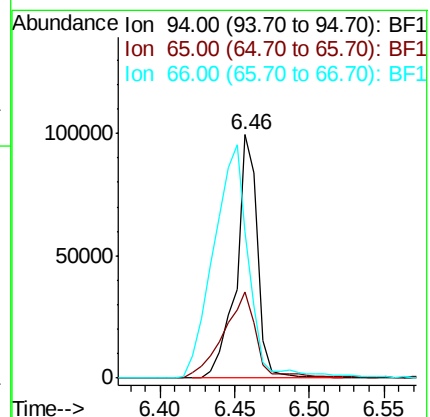
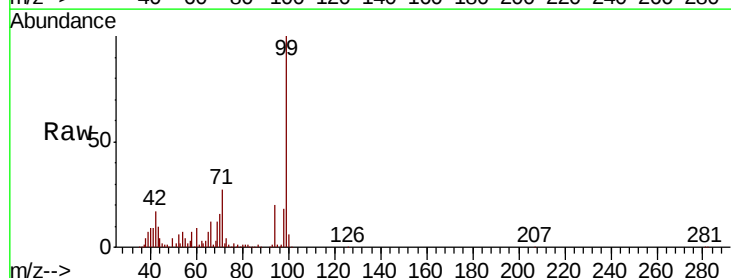
Tgt Ion: 94 Resp: 99629

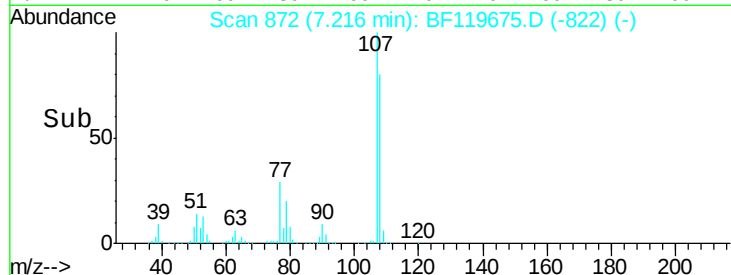
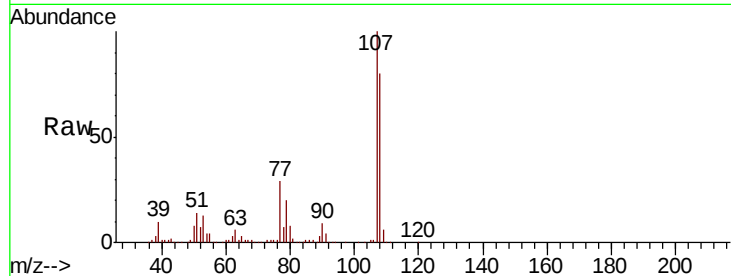
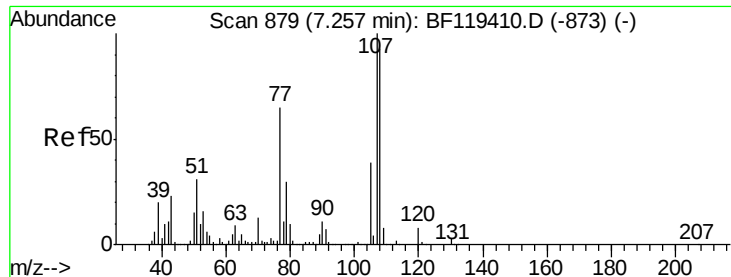
Ion Ratio Lower Upper

94 100

65 35.3 13.2 53.2

66 60.1 22.3 62.3

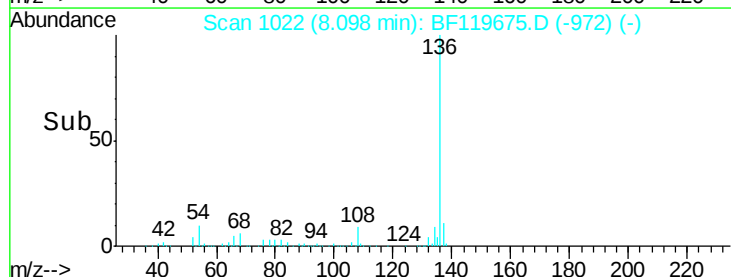
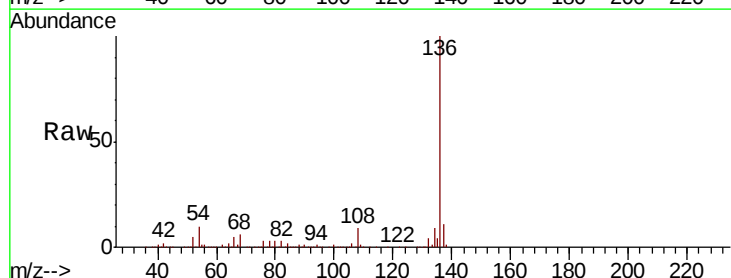
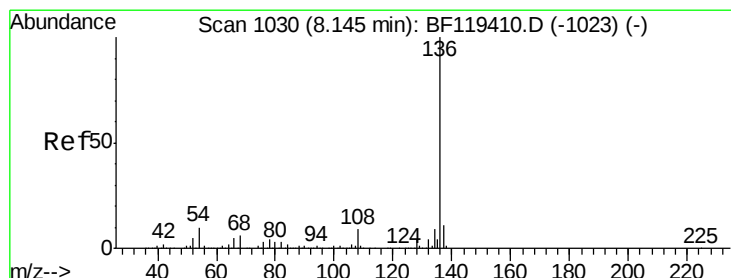
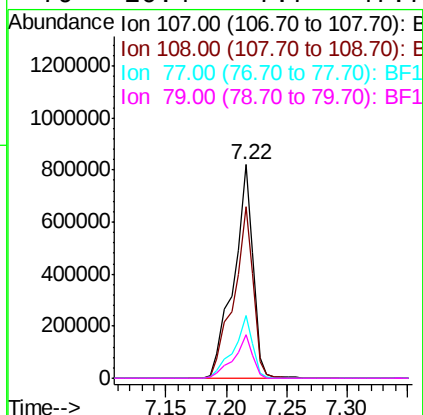




#20
3+4-Methylphenols
Concen: 47.795 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119675.D
Acq: 1 Apr 2020 15:27

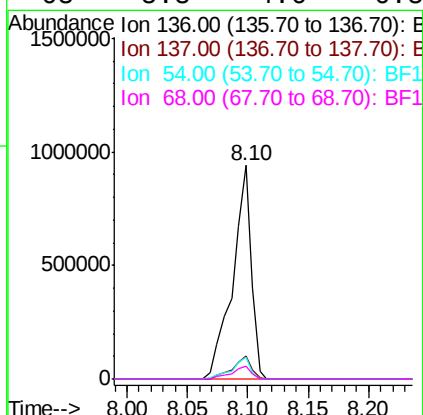
Instrument :
BNA_F
ClientSampleId :
BUSH-WASH

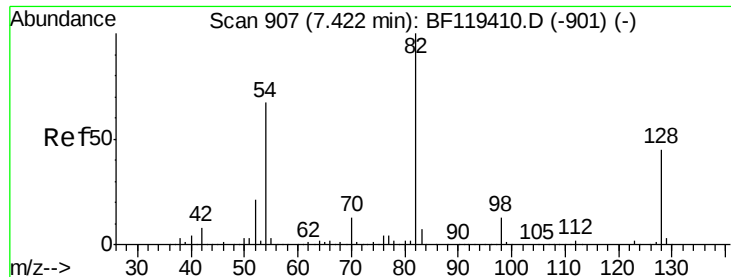
Tot Ion:	107	Resp:	915457
Ion	Ratio	Lower	Upper
107	100		
108	80.1	67.9	107.9
77	29.3	52.9	92.9#
79	20.4	7.7	47.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119675.D
Acq: 1 Apr 2020 15:27

Tgt Ion:	136	Resp:	1010526
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.0	9.1	13.7
68	5.8	4.6	6.8

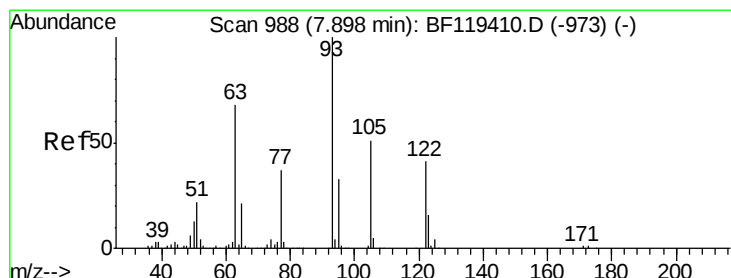
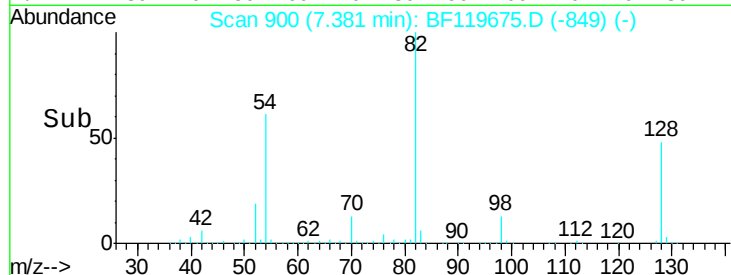
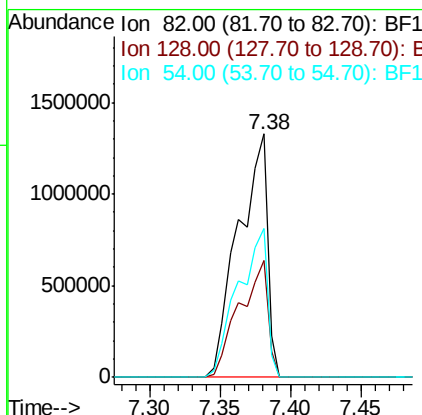
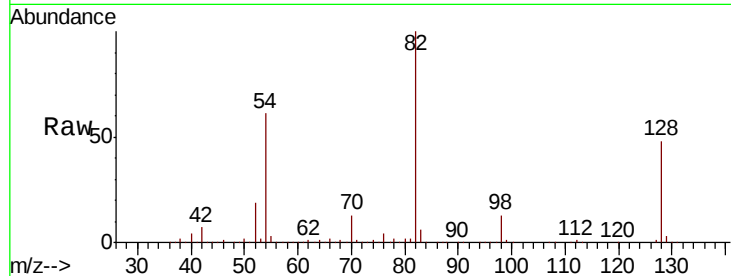




#23
 Nitrobenzene-d5
 Concen: 102.874 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

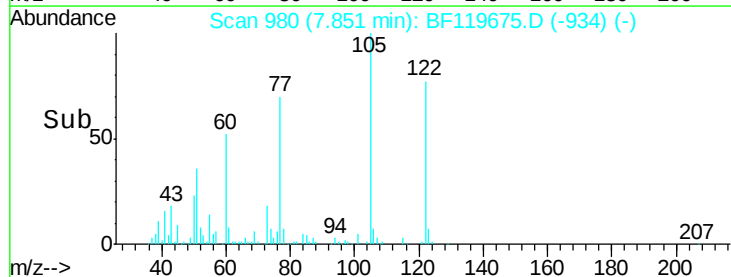
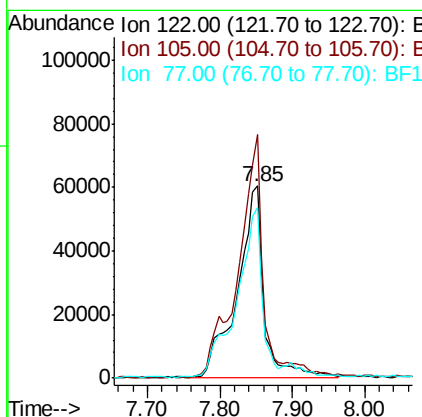
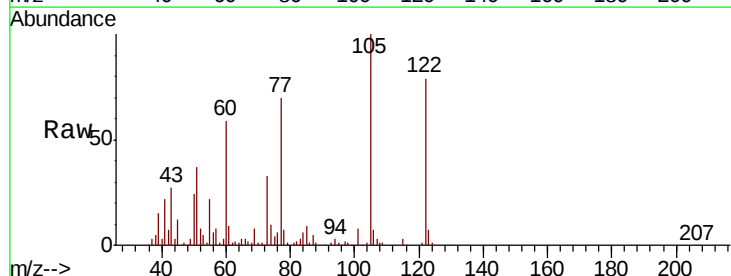
Instrument :
 BNA_F
 ClientSampleId :
 BUSH-WASH

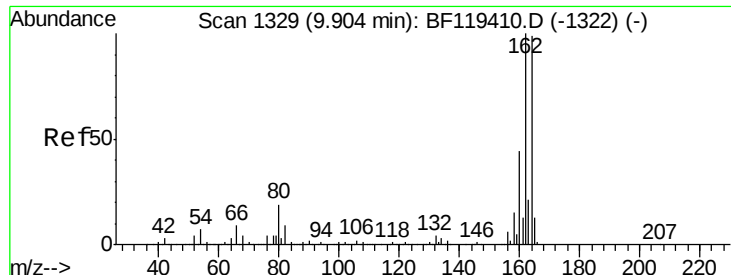
Tot Ion: 82 Resp: 1912802
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.3 54.5
 54 61.3 50.6 75.8



#32
 Benzoic acid
 Concen: 14.947 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

Tgt Ion:122 Resp: 155544
 Ion Ratio Lower Upper
 122 100
 105 126.8 104.9 144.9
 77 89.1 74.4 114.4

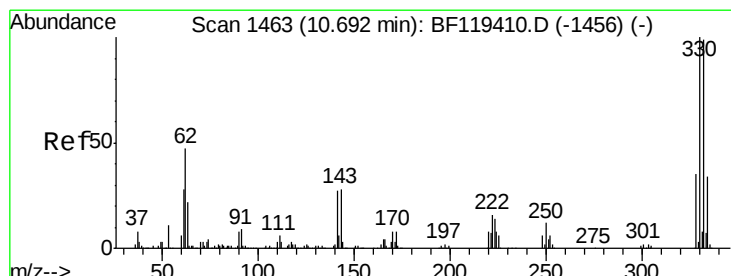
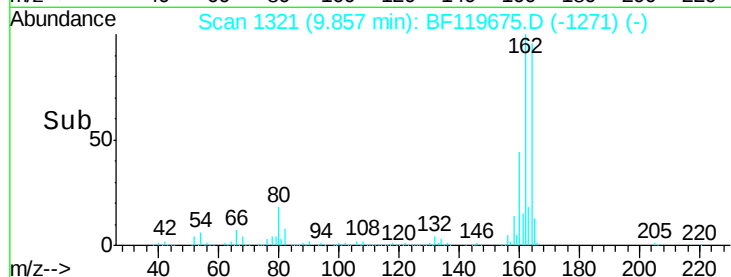
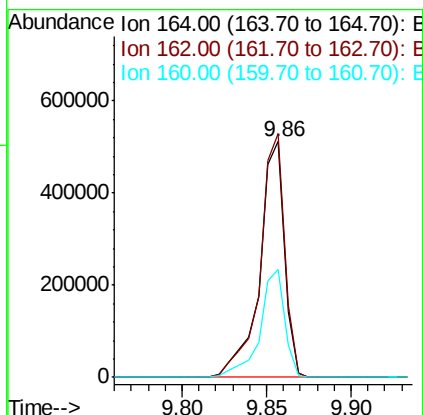
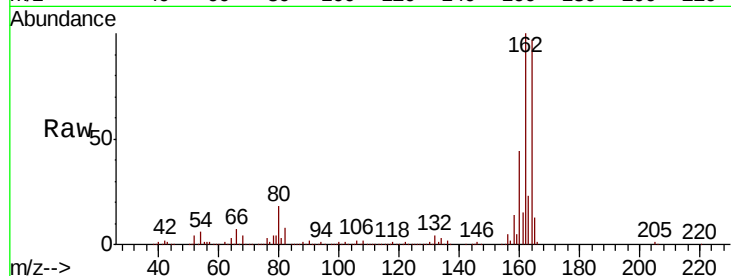




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

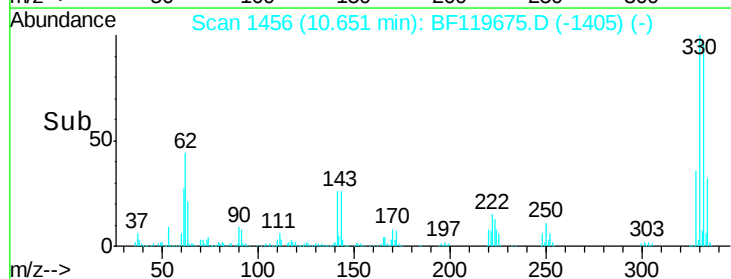
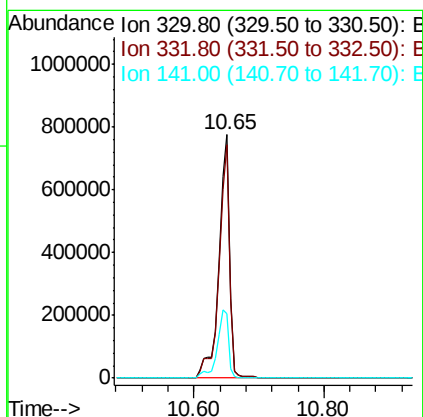
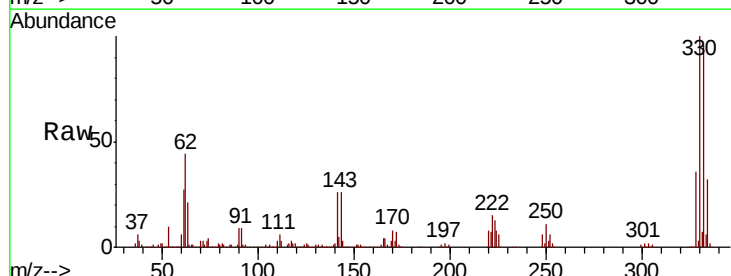
Instrument :
 BNA_F
 ClientSampleId :
 BUSH-WASH

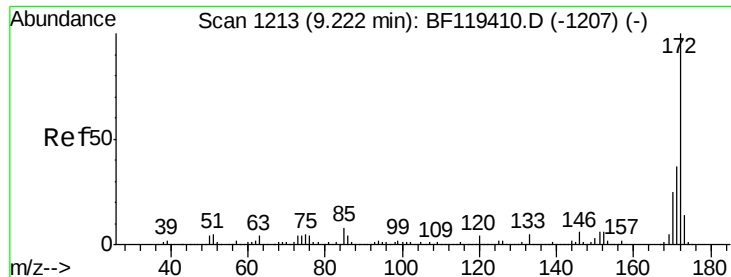
Tot Ion:164 Resp: 524323
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.6 121.0
 160 45.6 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 162.993 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

Tgt Ion:330 Resp: 881670
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.7 113.5
 141 30.1 25.4 38.0

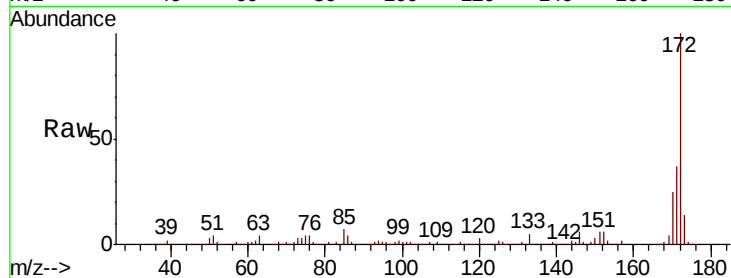




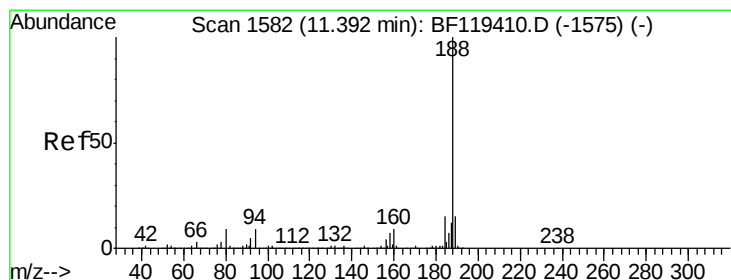
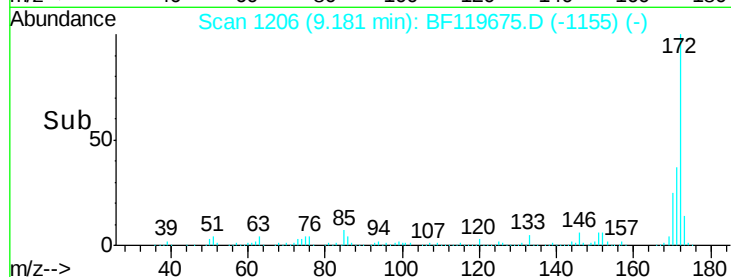
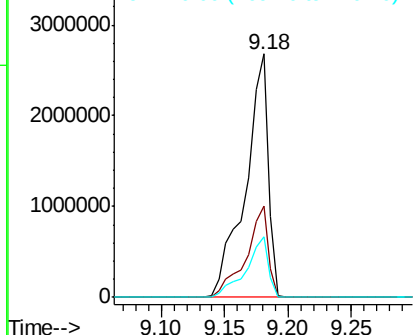
#45
2-Fluorobiphenyl
Concen: 95.753 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF119675.D
Acq: 1 Apr 2020 15:27

Instrument :
BNA_F
ClientSampleId :
BUSH-WASH

Tot Ion:172 Resp: 3388886
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.7 20.2 30.2

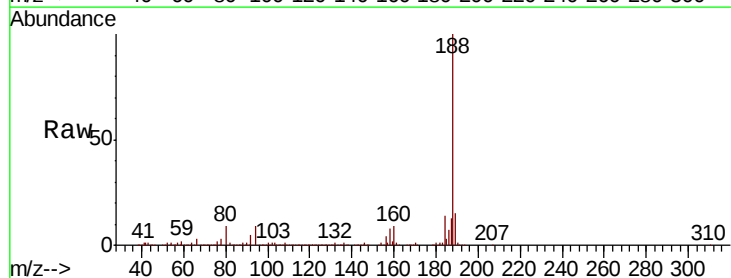


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

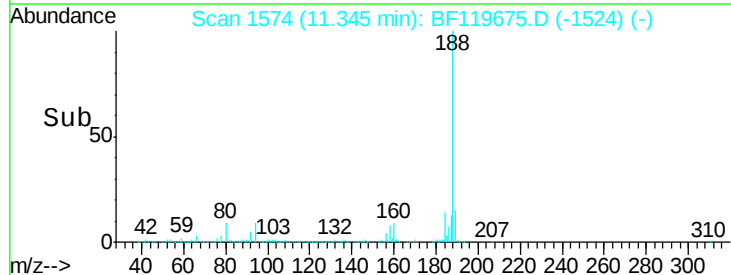
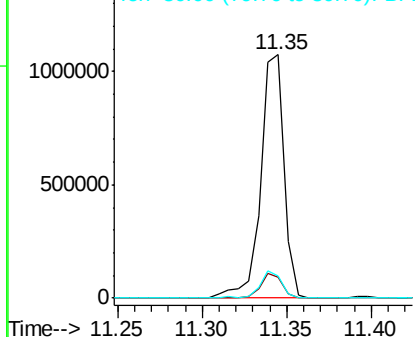


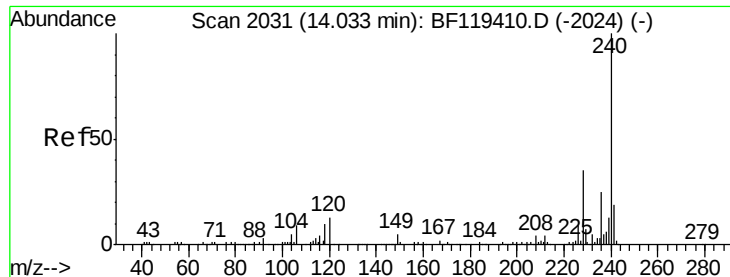
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF119675.D
Acq: 1 Apr 2020 15:27

Tgt Ion:188 Resp: 1034173
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 9.1 9.0 13.4



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

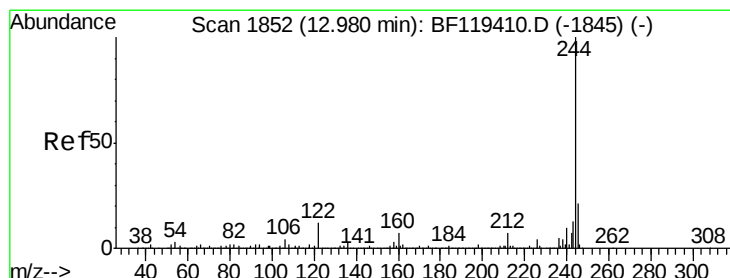
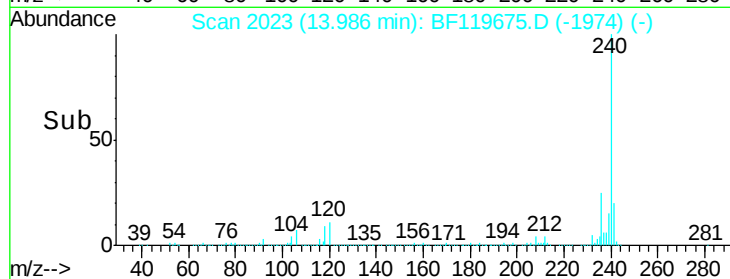
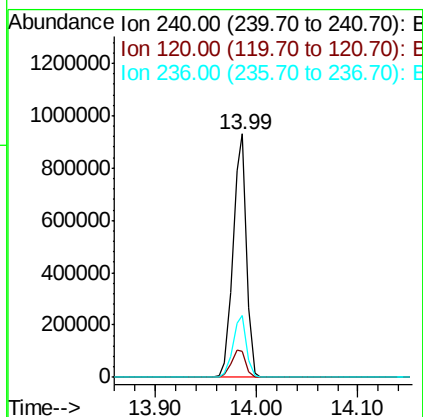
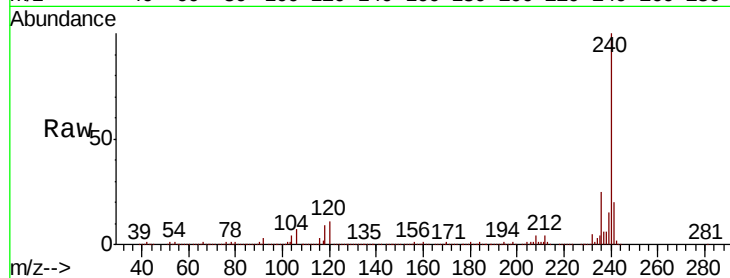




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

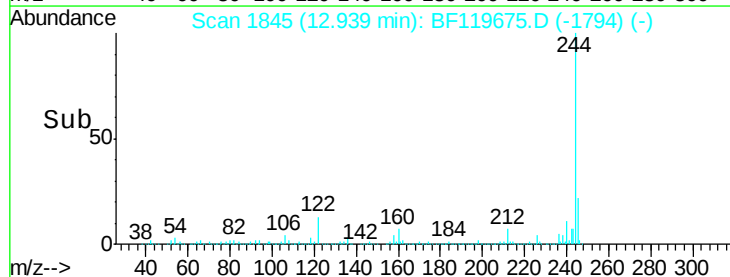
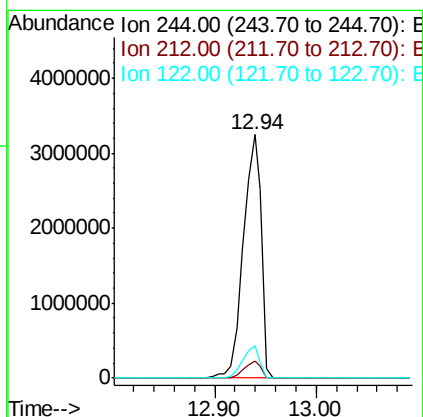
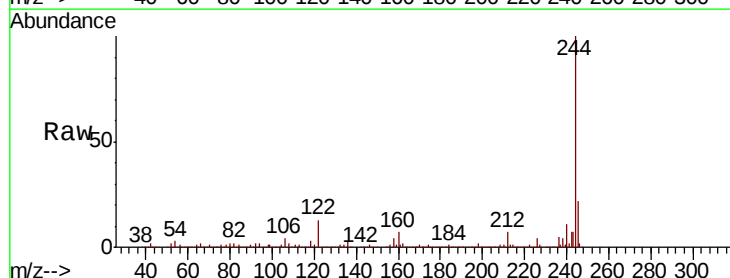
Instrument :
 BNA_F
 ClientSampleId :
 BUSH-WASH

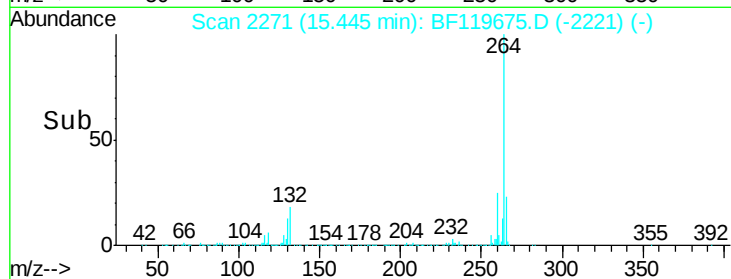
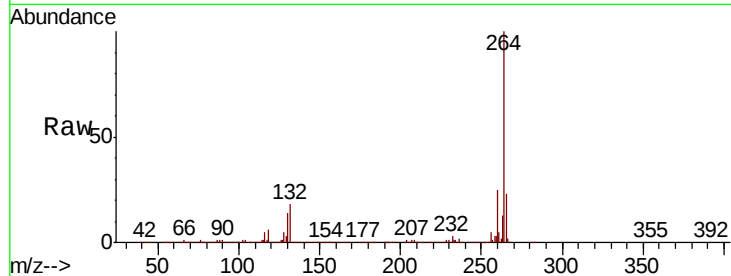
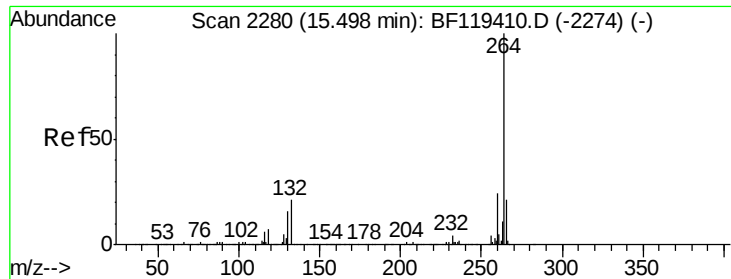
Tot Ion:240 Resp: 850524
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.6 15.8
 236 25.3 20.2 30.2



#79
 Terphenyl-d14
 Concen: 91.318 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

Tgt Ion:244 Resp: 3964258
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.3 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF119675.D
Acq: 1 Apr 2020 15:27

Instrument :
BNA_F
ClientSampleId :
BUSH-WASH

Tot Ion: 264 Resp: 817590

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	22.6	17.7	26.5

