

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120184.D
 Acq On : 24 Apr 2020 2:51
 Operator : MA/SJ
 Sample : L2341-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 24 04:17:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	136828	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	509962	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	275632	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	506057	20.00	ng	0.00
76) Chrysene-d12	13.82	240	330961	20.00	ng	0.00
87) Perylene-d12	15.22	264	269535	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	907446	114.61	ng	0.01
7) Phenol-d6	6.31	99	1144074	112.14	ng	0.00
23) Nitrobenzene-d5	7.23	82	890744	90.36	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	398538	118.10	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1786499	92.02	ng	0.00
79) Terphenyl-d14	12.78	244	1813330	92.19	ng	0.00

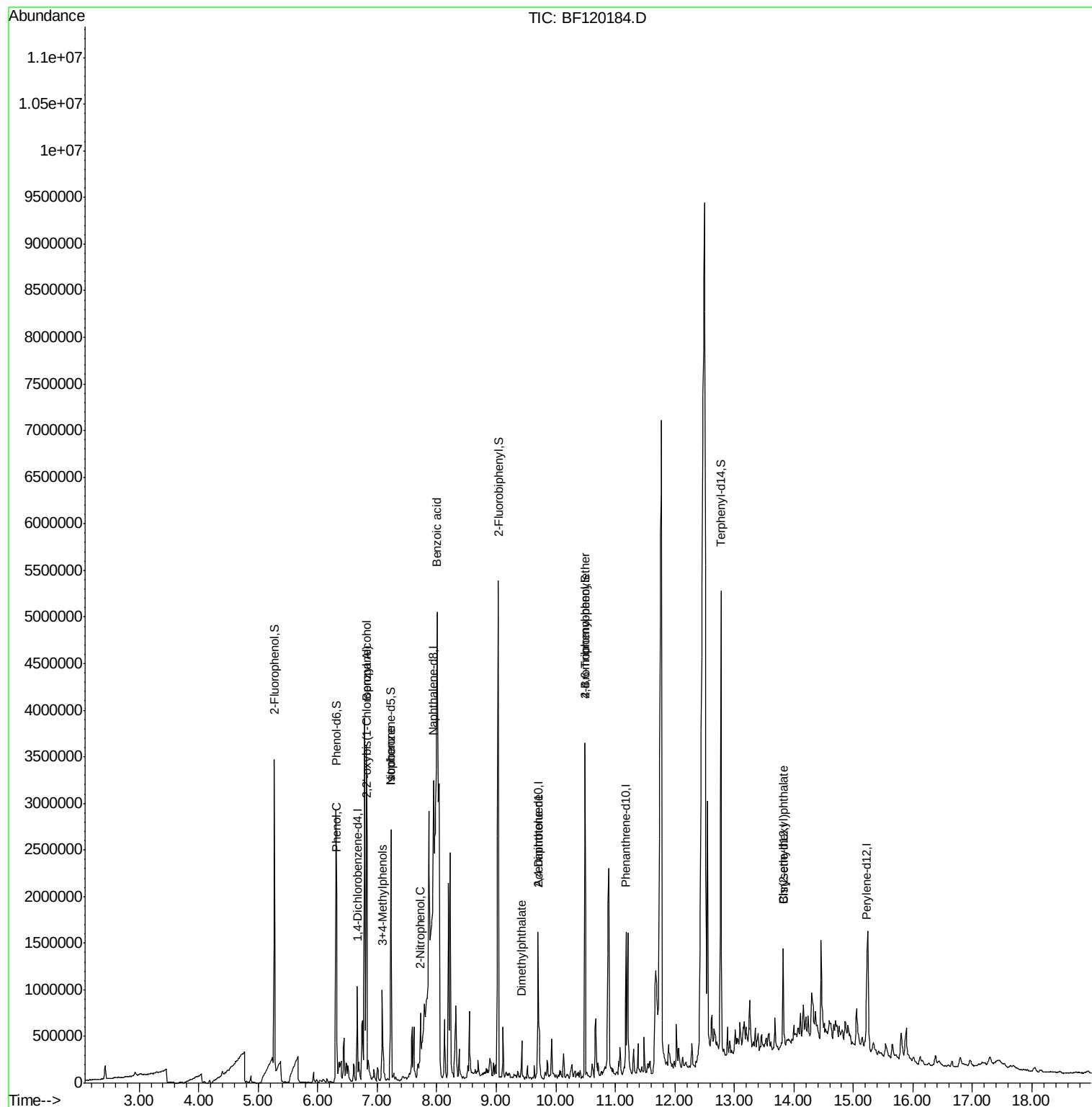
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.22	77	3050	Below Cal		97
10) Phenol	6.32	94	23574	2.037	ng	89
15) Benzyl Alcohol	6.82	79	39216	4.949	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	6.83	45	39600	2.277	ng	75
20) 3+4-Methylphenols	7.09	107	241914	25.055	ng	# 75
25) Isophorone	7.23	82	877599	46.184	ng	# 65
26) 2-Nitrophenol	7.73	139	18097	3.653	ng	# 45
32) Benzoic acid	8.00	122	4370838	666.072	ng	99
50) Dimethylphthalate	9.43	163	138065	6.476	ng	99
57) 2,4-Dinitrotoluene	9.70	165	35660	5.797	ng	# 21
67) 4-Bromophenyl-phenylether	10.49	248	23969	3.809	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.82	149	51187	2.792	ng	94

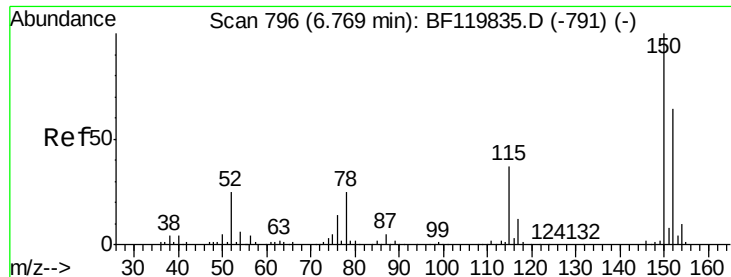
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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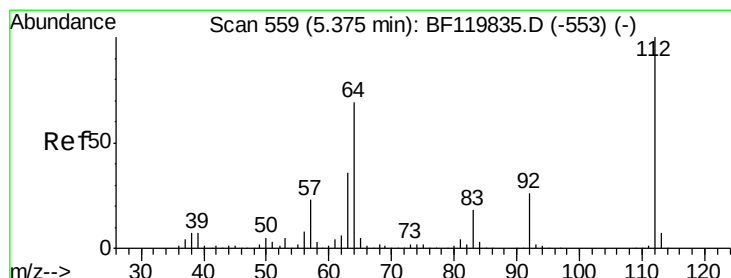
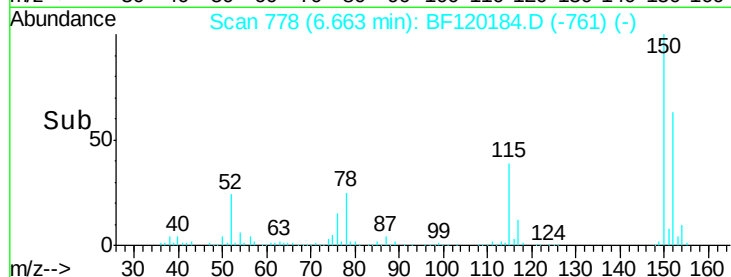
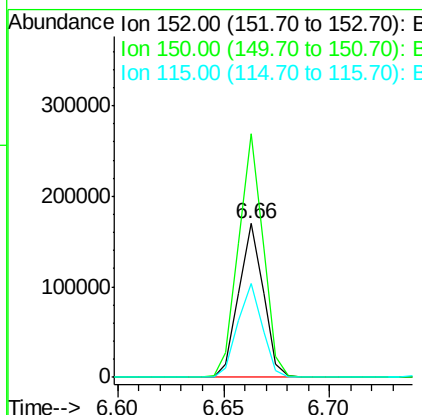
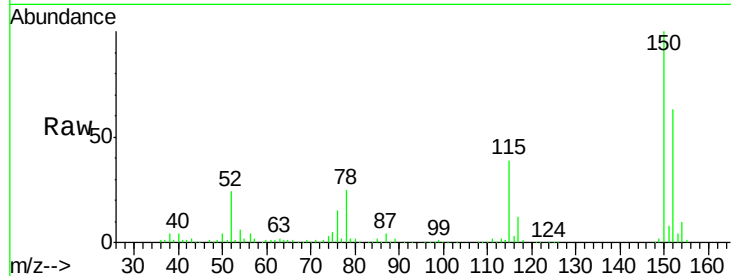


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF120184.D
 Acq: 24 Apr 2020 2:51

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

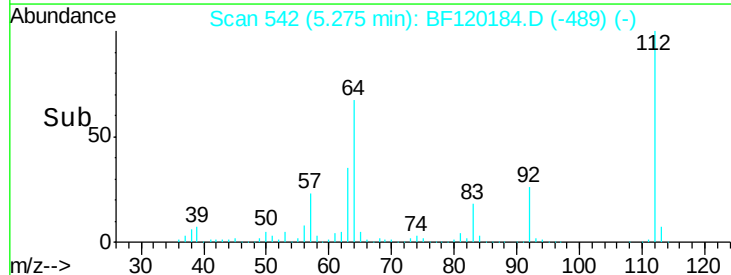
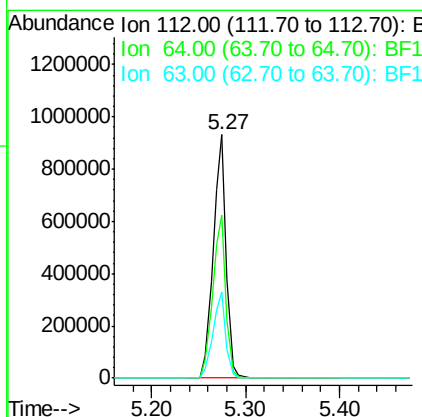
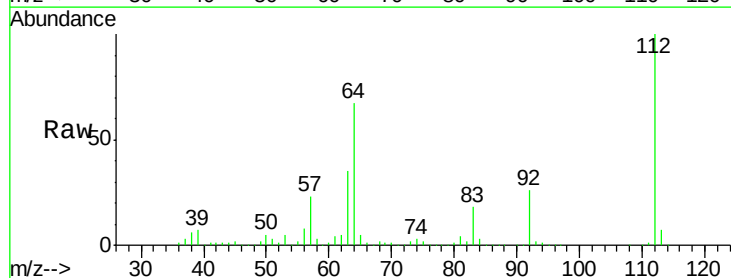
Tot Ion:152 Resp: 136828
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.5 186.7
 115 61.0 49.6 74.4

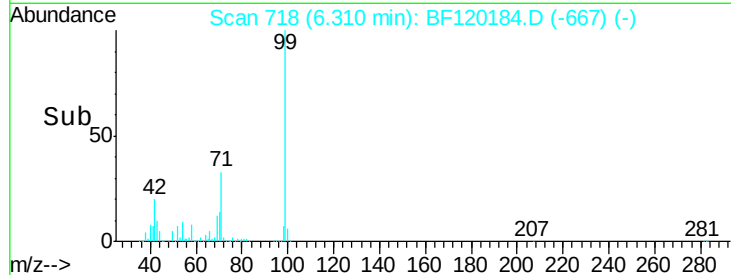
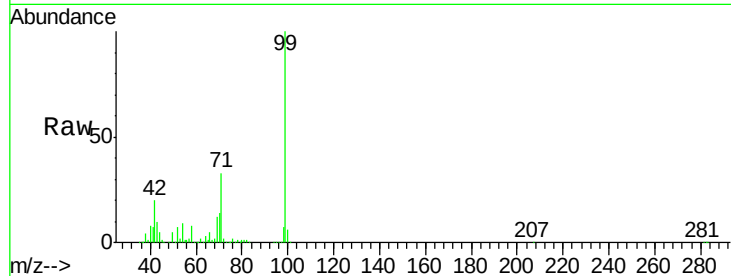
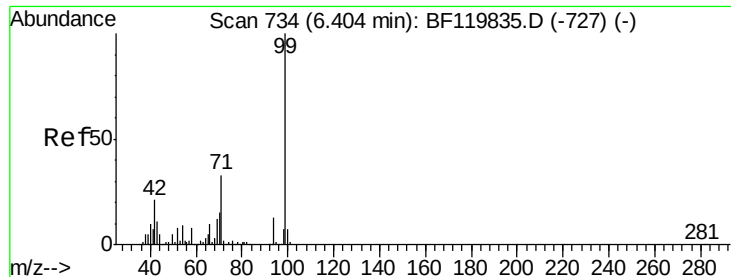


#5

2-Fluorophenol
 Concen: 114.613 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: BF120184.D
 Acq: 24 Apr 2020 2:51

Tgt Ion:112 Resp: 907446
 Ion Ratio Lower Upper
 112 100
 64 66.8 56.7 85.1
 63 35.5 29.5 44.3





#7

Phenol-d6

Concen: 112.142 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120184.D

Acq: 24 Apr 2020 2:51

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

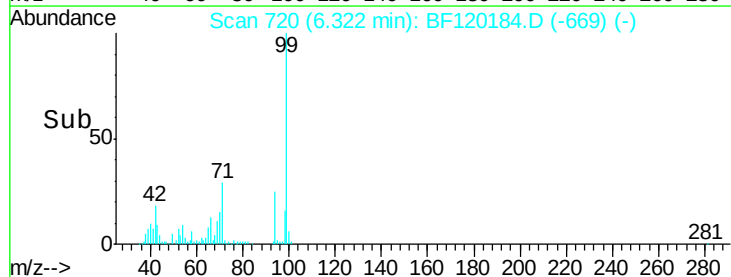
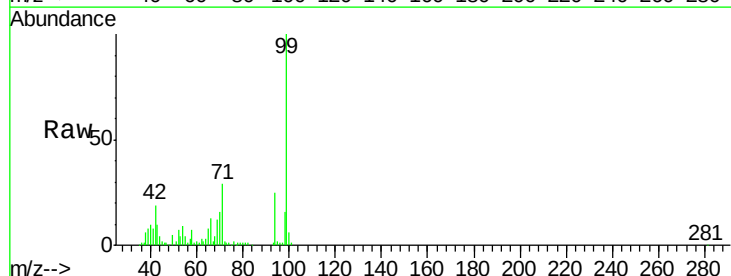
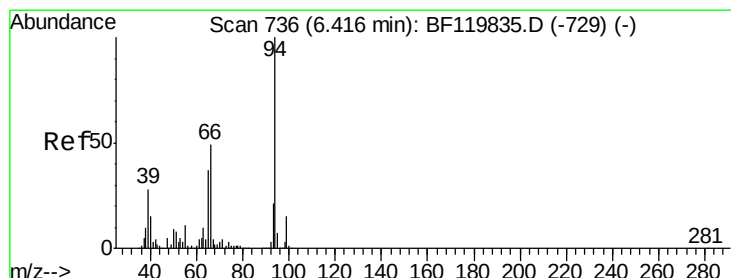
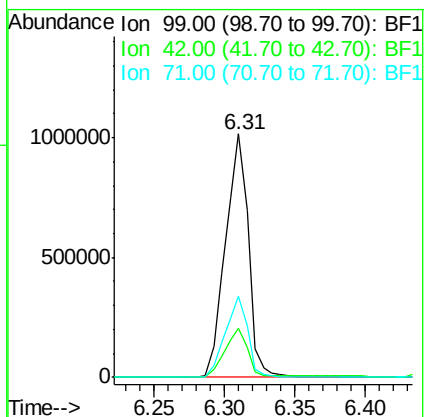
Tot Ion: 99 Resp: 1144074

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

71 33.2 26.4 39.6



#10

Phenol

Concen: 2.037 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF120184.D

Acq: 24 Apr 2020 2:51

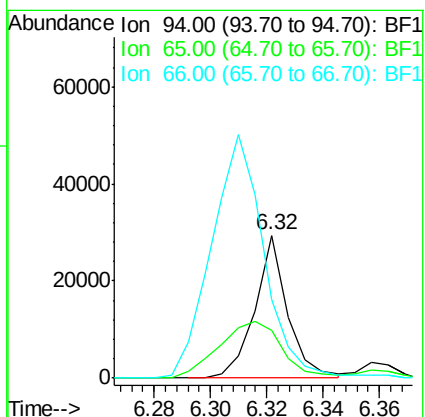
Tgt Ion: 94 Resp: 23574

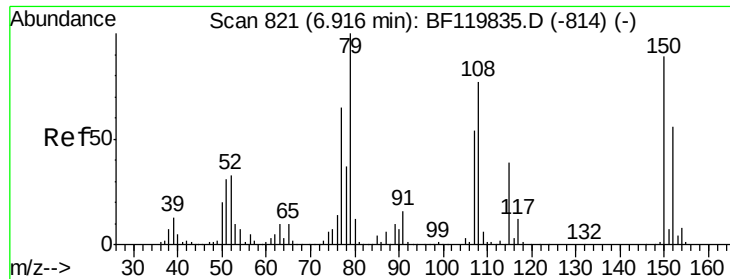
Ion Ratio Lower Upper

94 100

65 33.5 13.2 53.2

66 54.9 22.3 62.3

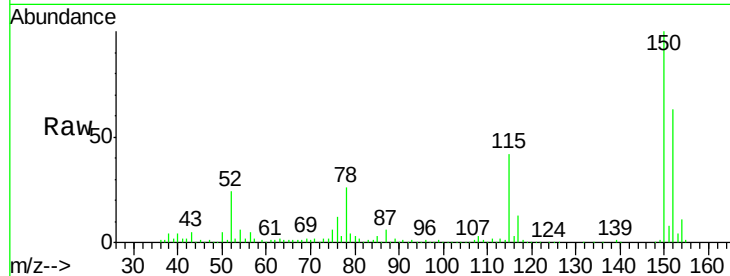




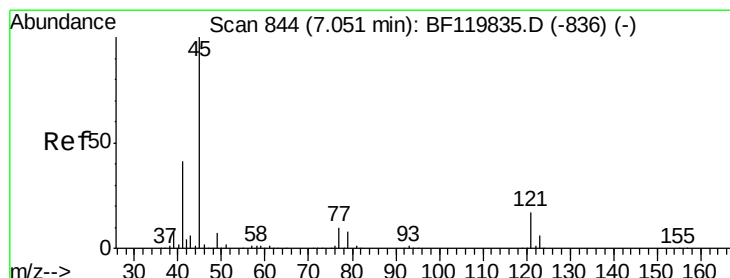
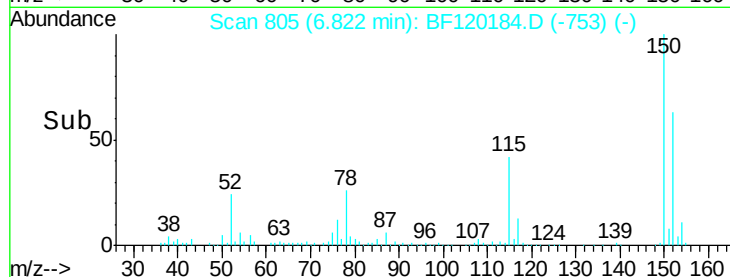
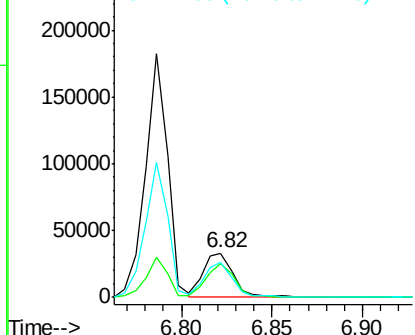
#15
Benzvl Alcohol
Concen: 4.949 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF120184.D
Acq: 24 Apr 2020 2:51

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tot Ion: 79 Resp: 39216
Ion Ratio Lower Upper
79 100
108 76.2 60.6 90.8
77 79.2 50.2 75.2#

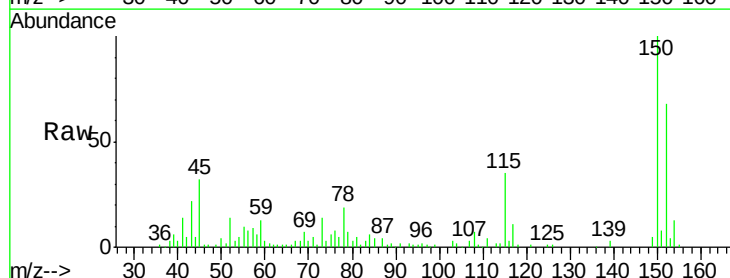


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

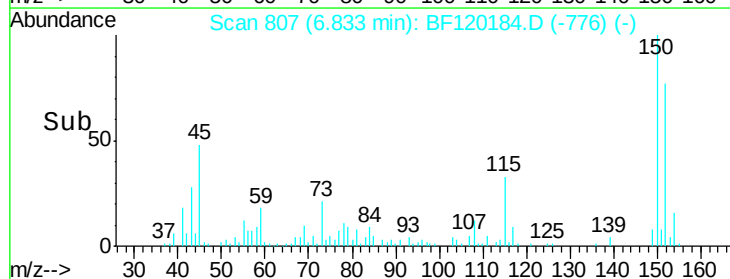
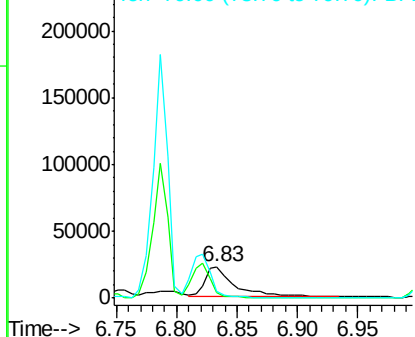


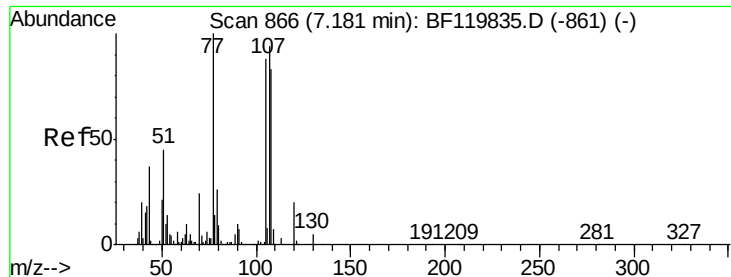
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.277 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.12 min
Lab File: BF120184.D
Acq: 24 Apr 2020 2:51

Tgt Ion: 45 Resp: 39600
Ion Ratio Lower Upper
45 100
77 16.5 0.0 30.7
79 21.2 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#20

3+4-Methylphenols

Concen: 25.055 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF120184.D

Acq: 24 Apr 2020 2:51

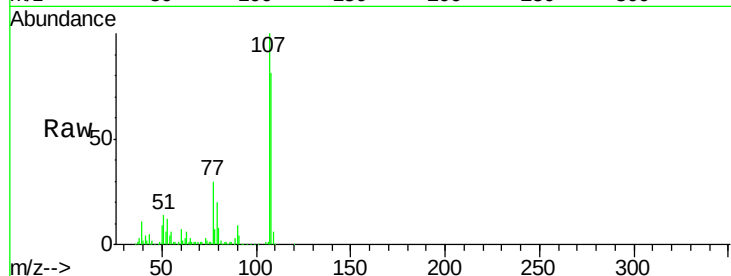
Instrument :

BNA_F

ClientSampleId :

BUS-WASH

Tot Ion:	107	Resp:	241914
Ion	Ratio	Lower	Upper
107	100		
108	80.7	67.9	107.9
77	30.4	52.9	92.9#
79	20.0	7.7	47.7

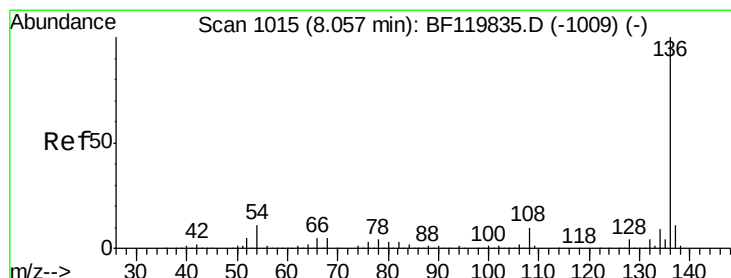
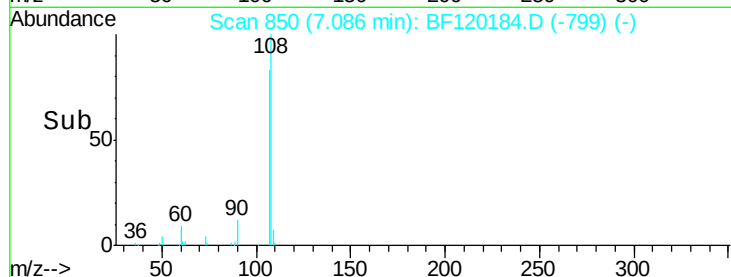
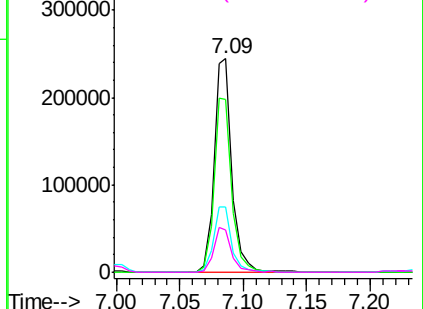


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

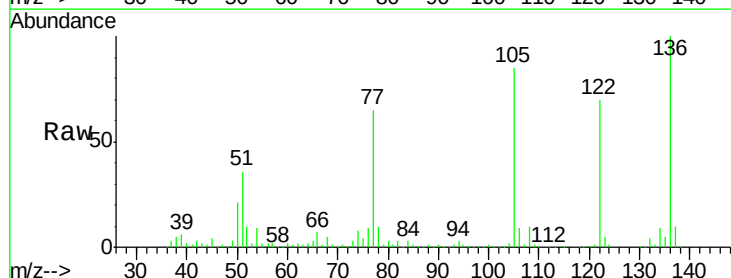
RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF120184.D

Acq: 24 Apr 2020 2:51

Tgt Ion:	136	Resp:	509962
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.2	9.1	13.7
68	5.5	4.6	6.8

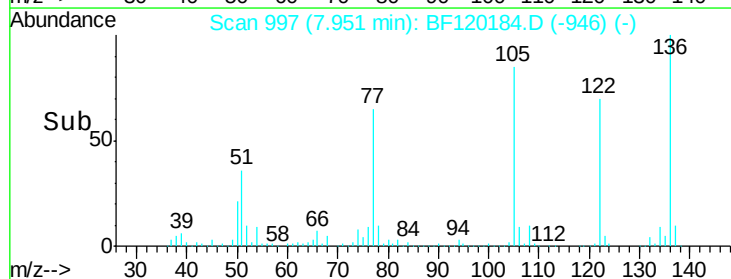
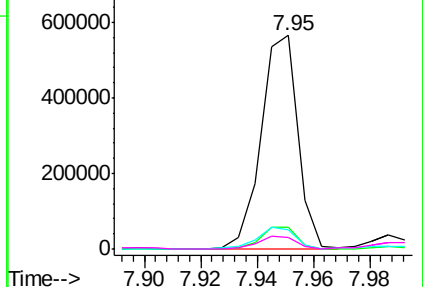


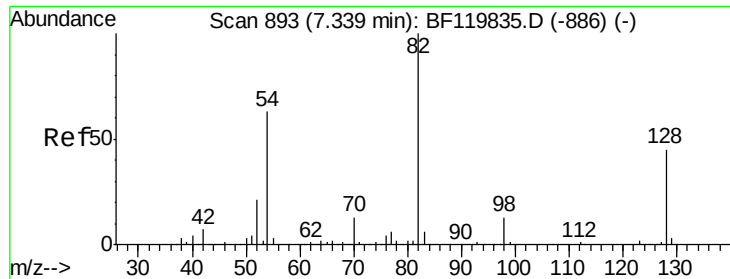
Abundance Ion 136.00 (135.70 to 136.70): E

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

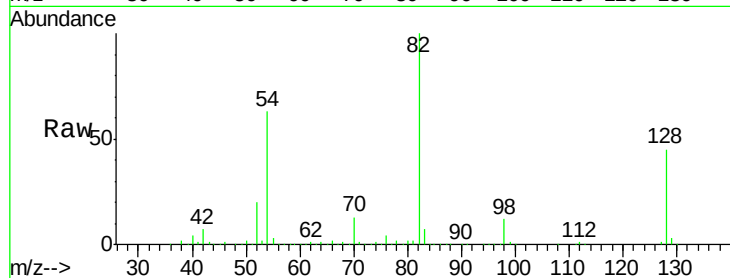




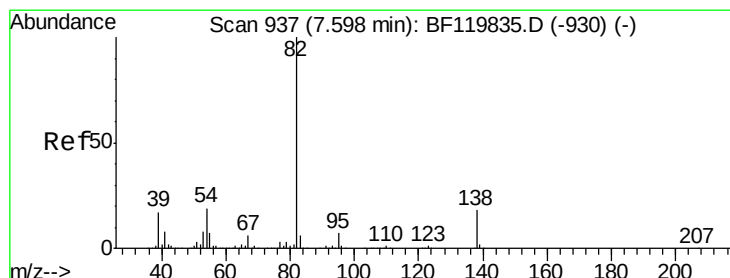
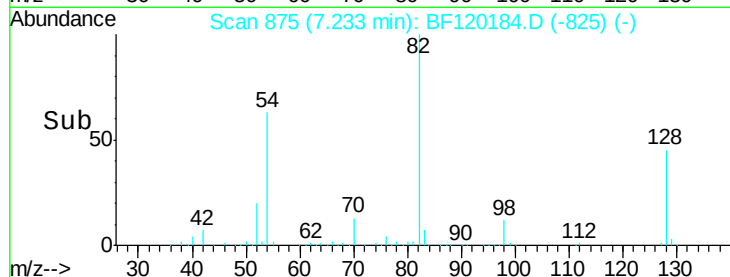
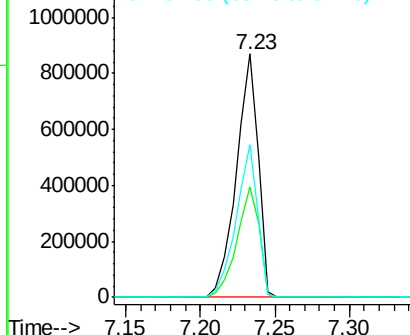
#23
Nitrobenzene-d5
Concen: 90.362 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120184.D
Acq: 24 Apr 2020 2:51

Instrument :
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ClientSampleId :
BUS-WASH

Tot Ion: 82 Resp: 890744
Ion Ratio Lower Upper
82 100
128 45.3 36.3 54.5
54 62.8 50.6 75.8

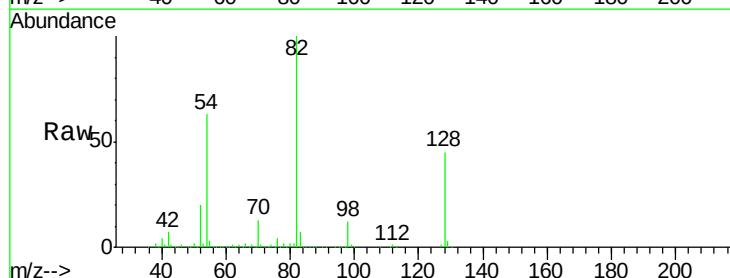


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

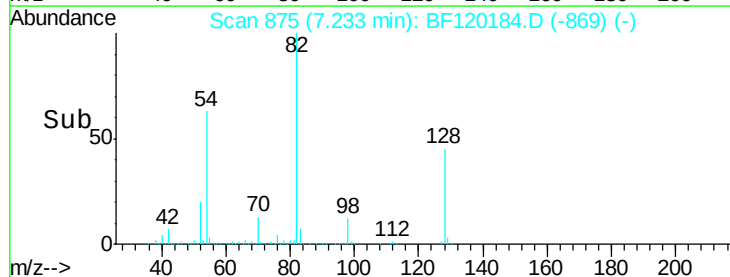
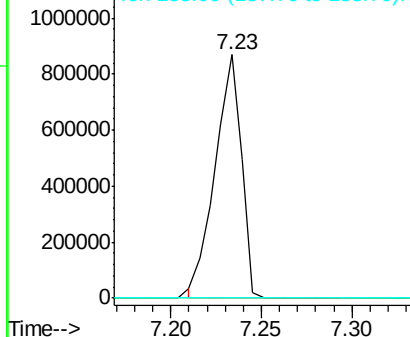


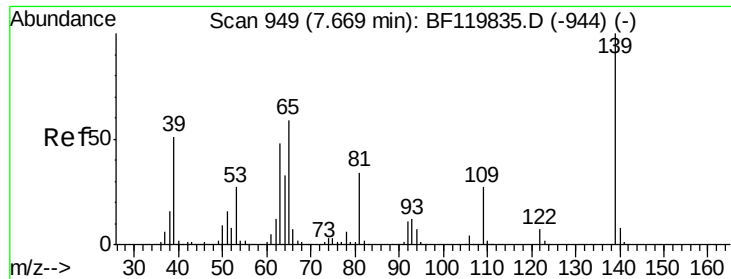
#25
Isophorone
Concen: 46.184 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.26 min
Lab File: BF120184.D
Acq: 24 Apr 2020 2:51

Tgt Ion: 82 Resp: 877599
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
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

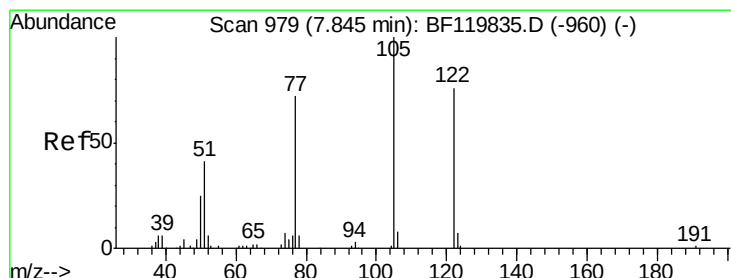
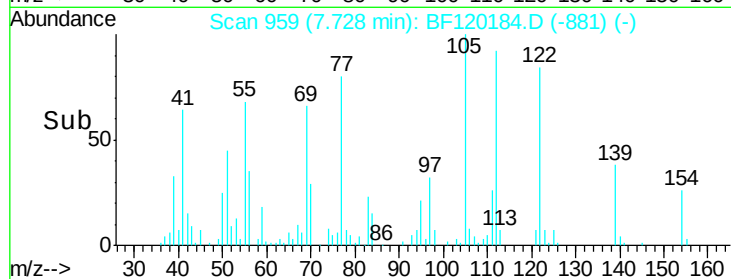
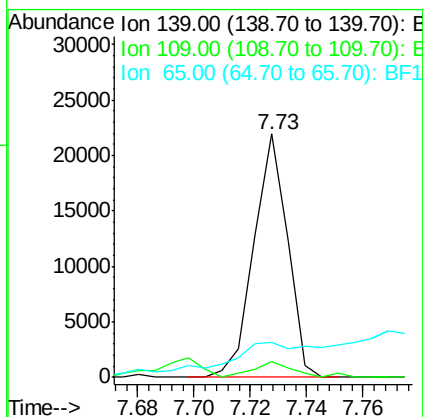
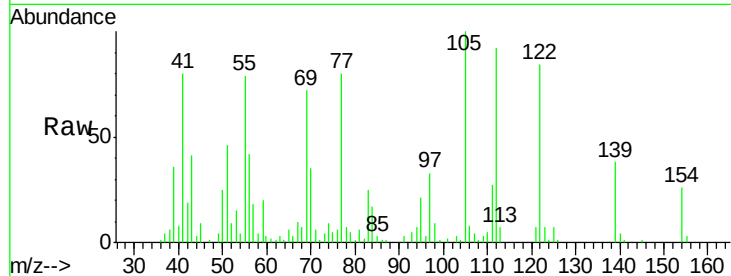




#26
2-Nitrophenol
Concen: 3.653 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.16 min
Lab File: BF120184.D
Acq: 24 Apr 2020 2:51

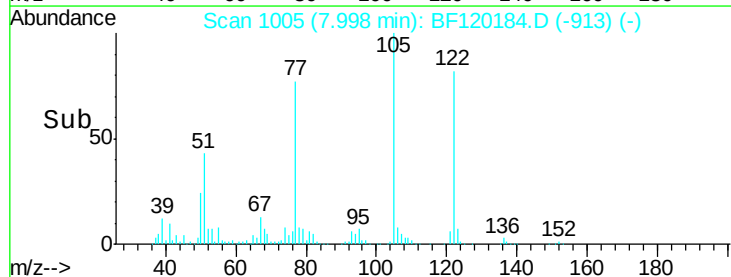
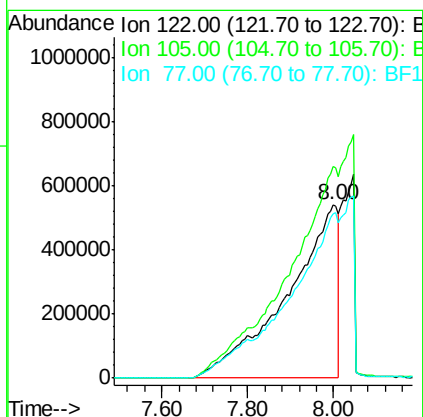
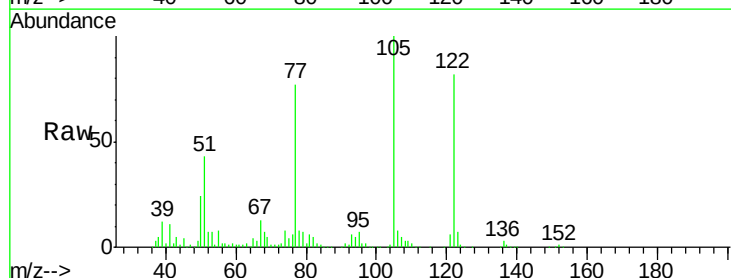
Instrument :
BNA_F
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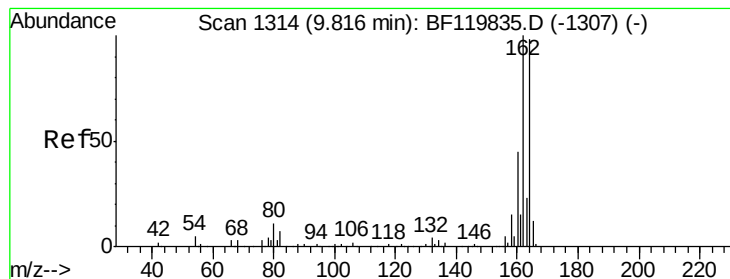
Tot Ion	Ratio	Lower	Upper
139	100		
109	6.5	22.1	33.1#
65	14.3	49.2	73.8#



#32
Benzoic acid
Concen: 666.072 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.24 min
Lab File: BF120184.D
Acq: 24 Apr 2020 2:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.1	104.9	144.9
77	94.2	74.4	114.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120184.D

Acq: 24 Apr 2020 2:51

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

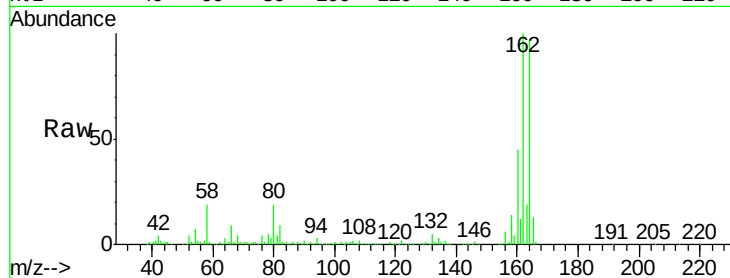
Tot Ion:164 Resp: 275632

Ion Ratio Lower Upper

164 100

162 102.9 80.6 121.0

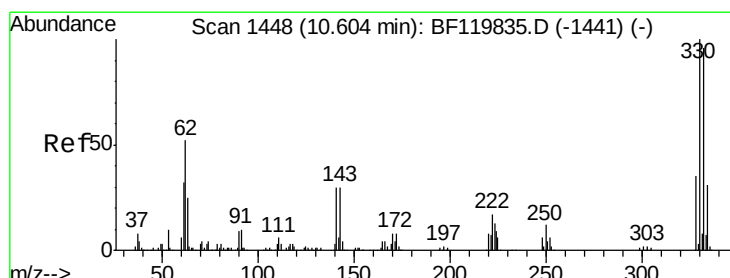
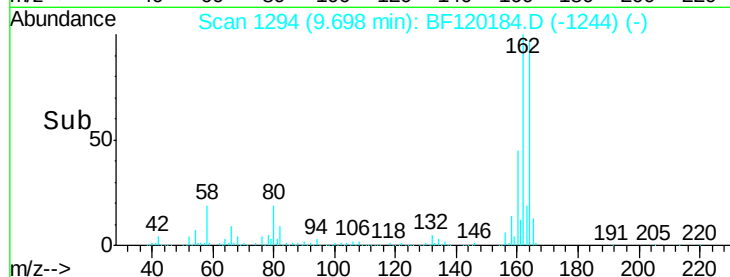
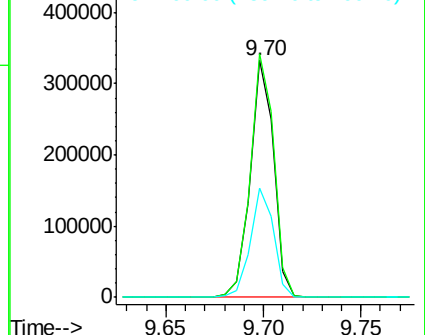
160 46.0 35.7 53.5



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: 118.097 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF120184.D

Acq: 24 Apr 2020 2:51

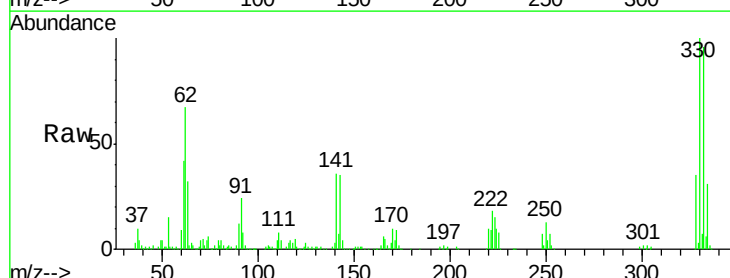
Tgt Ion:330 Resp: 398538

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

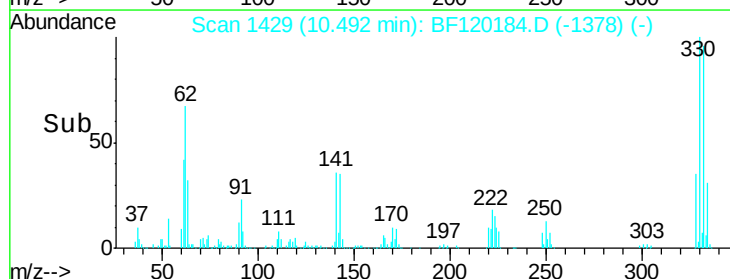
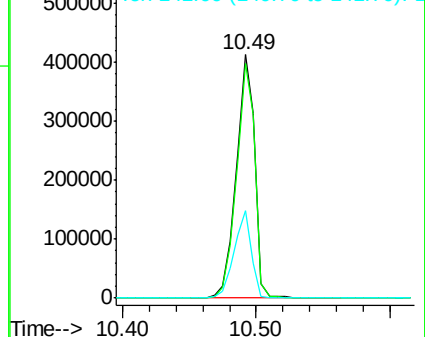
141 34.7 25.4 38.0

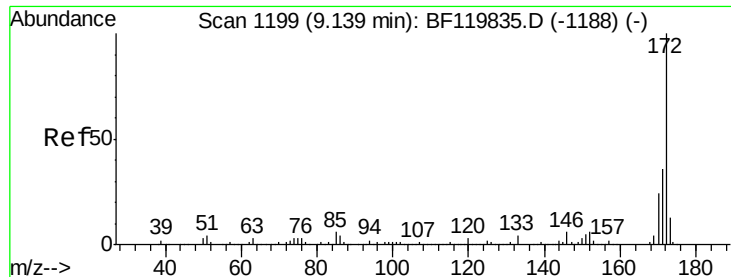


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

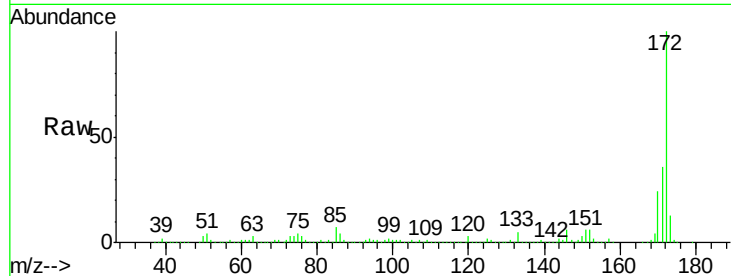




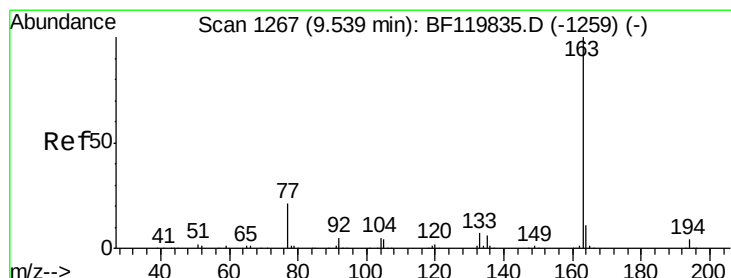
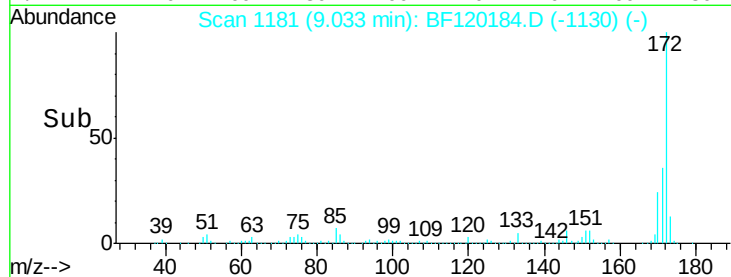
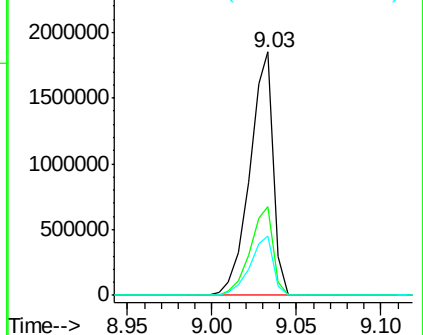
#45
2-Fluorobiphenyl
Concen: 92.023 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120184.D
Acq: 24 Apr 2020 2:51

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tot Ion:172 Resp: 1786499
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.1 20.2 30.2

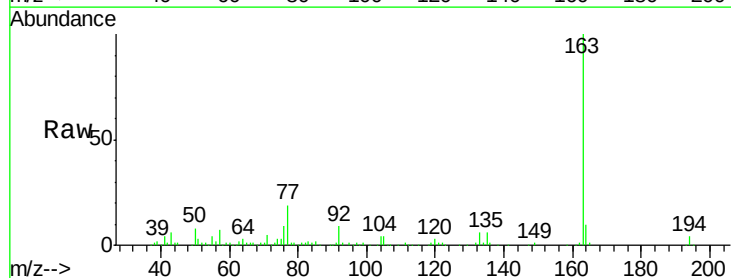


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

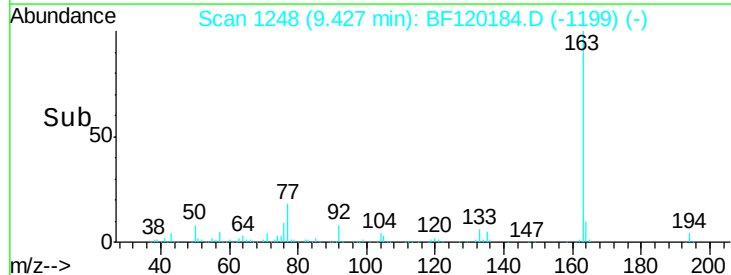
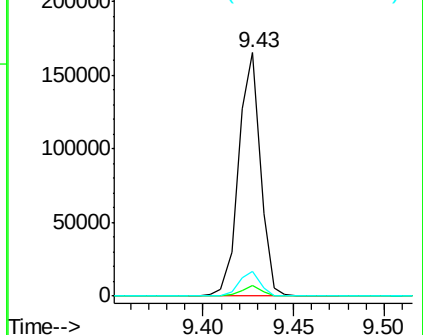


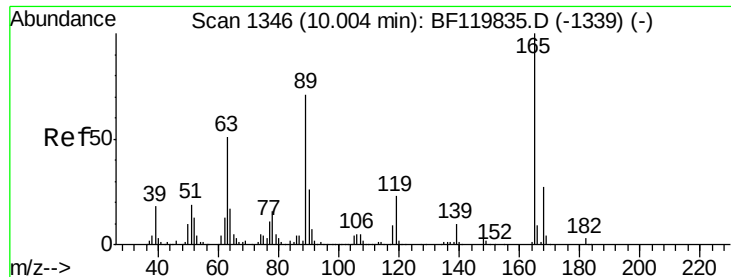
#50
Dimethylphthalate
Concen: 6.476 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF120184.D
Acq: 24 Apr 2020 2:51

Tgt Ion:163 Resp: 138065
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.0 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





#57

2,4-Dinitrotoluene

Concen: 5.797 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.21 min

Lab File: BF120184.D

Acq: 24 Apr 2020 2:51

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

Tot Ion:165 Resp: 35660

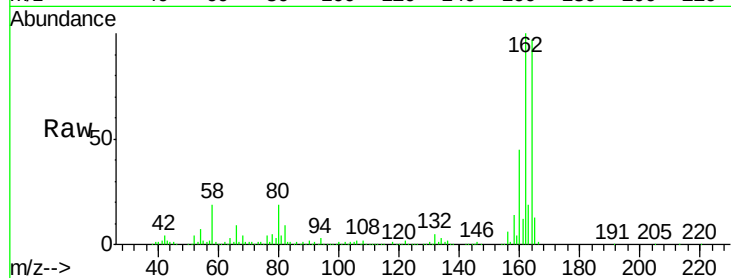
Ion Ratio Lower Upper

165 100

63 1.8 42.6 64.0#

89 1.7 61.0 91.4#

182 0.0 2.2 3.2#

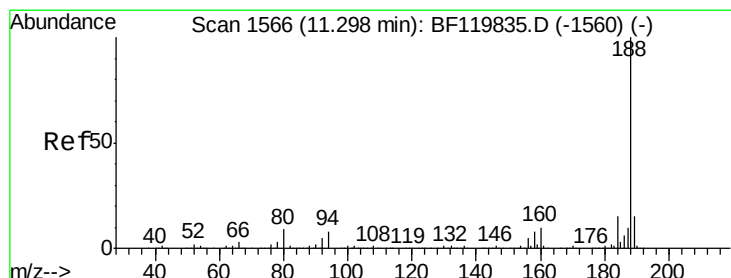
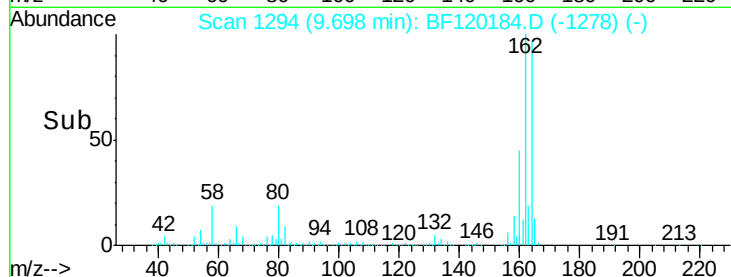
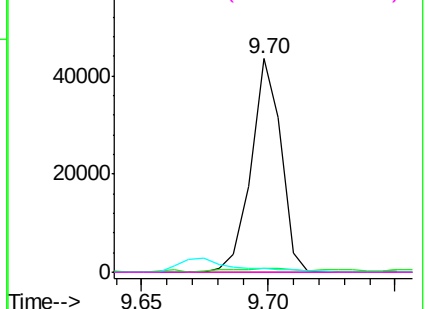


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF120184.D

Acq: 24 Apr 2020 2:51

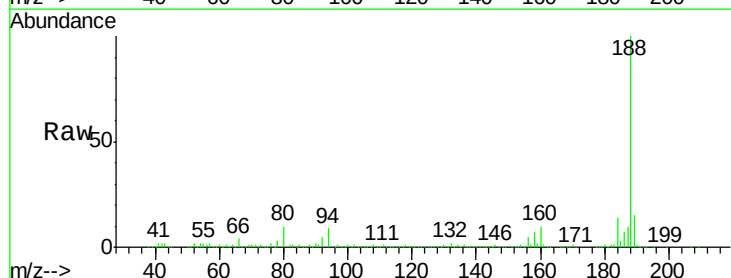
Tgt Ion:188 Resp: 506057

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

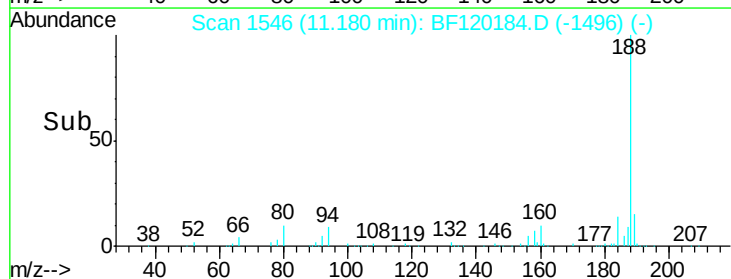
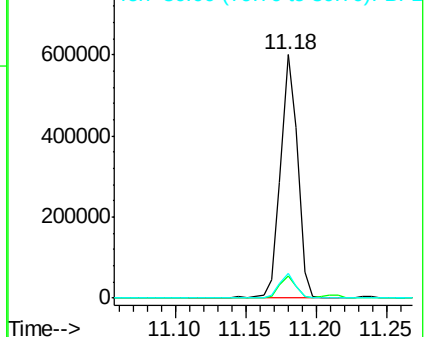
80 10.3 9.0 13.4

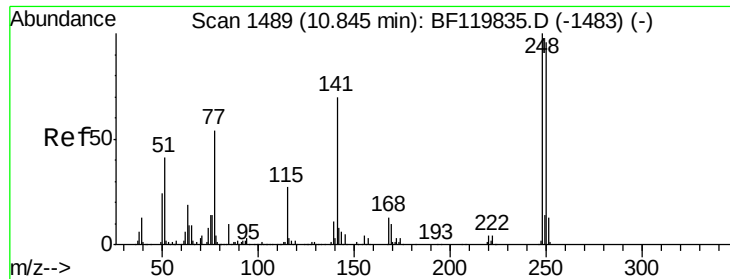


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

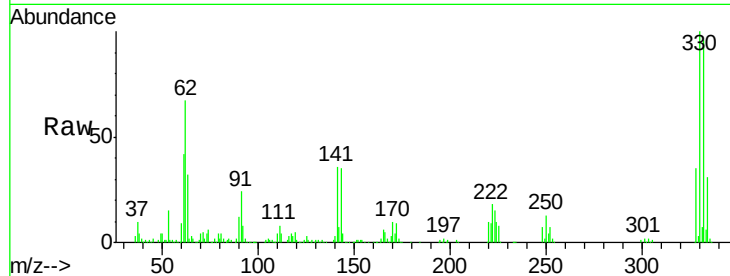




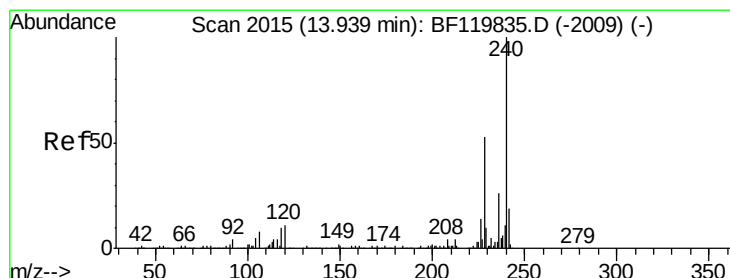
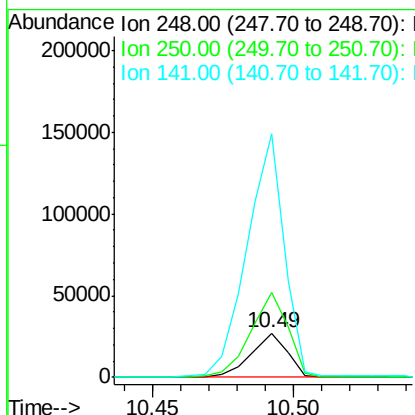
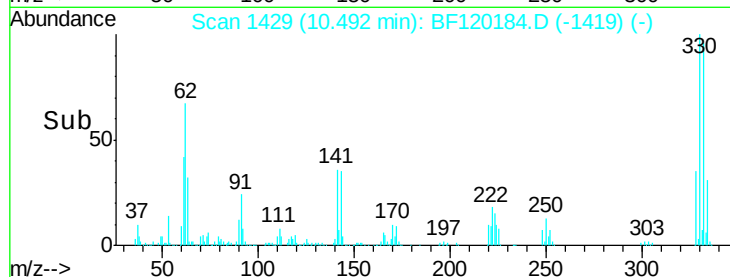
#67
 4-Bromophenyl-phenylether
 Concen: 3.809 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.24 min
 Lab File: BF120184.D
 Acq: 24 Apr 2020 2:51

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion	Ratio	Lower	Upper
248	100		
250	191.5	77.3	115.9#
141	551.9	58.6	87.8#

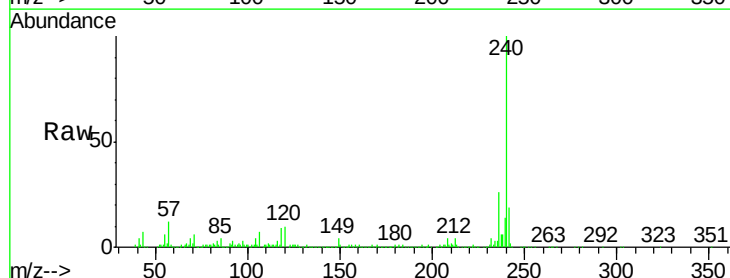


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

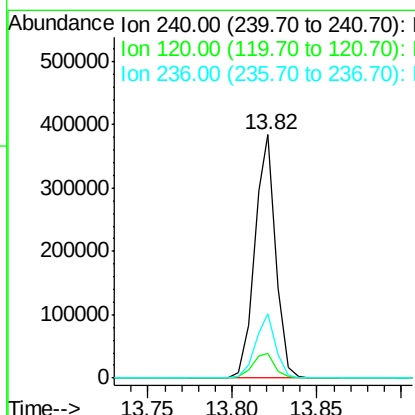
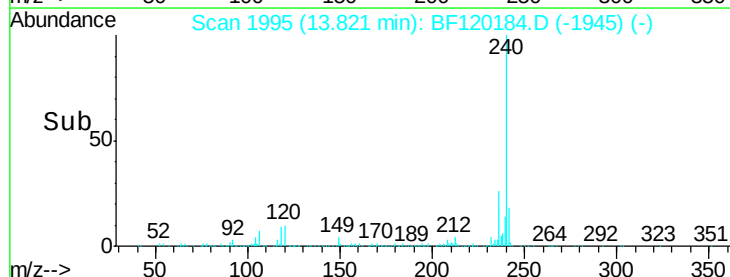


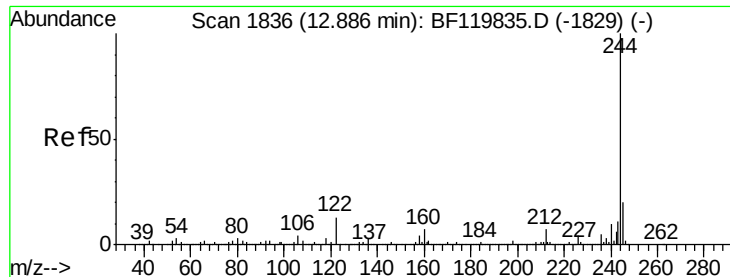
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF120184.D
 Acq: 24 Apr 2020 2:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.6	15.8#
236	26.4	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: 92.192 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120184.D

Acq: 24 Apr 2020 2:51

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

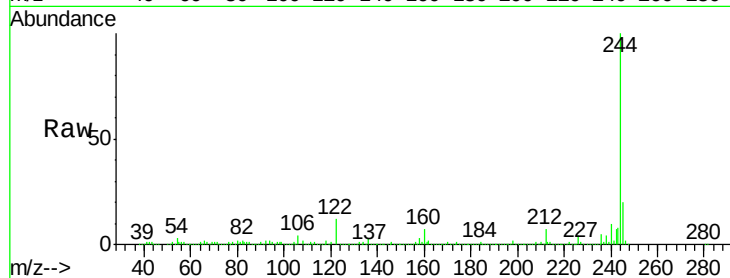
Tot Ion:244 Resp: 1813330

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

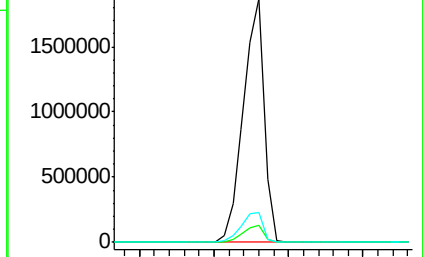
122 12.2 10.3 15.5



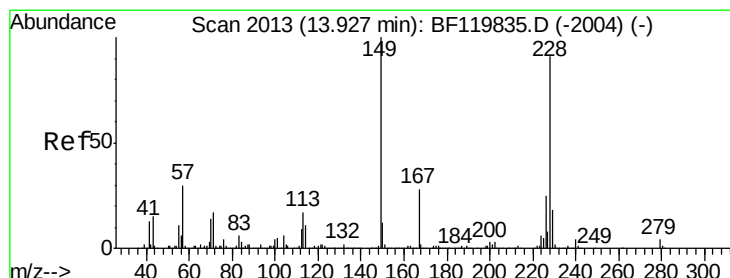
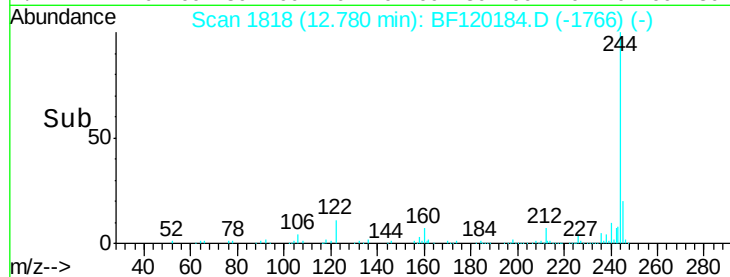
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.792 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120184.D

Acq: 24 Apr 2020 2:51

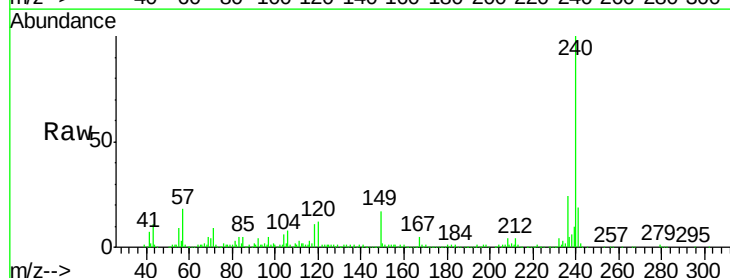
Tgt Ion:149 Resp: 51187

Ion Ratio Lower Upper

149 100

167 30.3 21.3 31.9

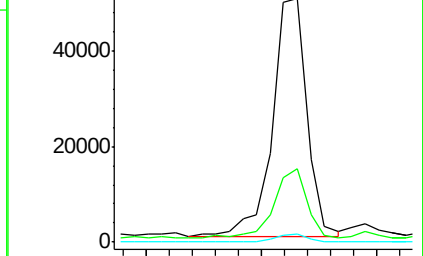
279 3.5 2.7 4.1



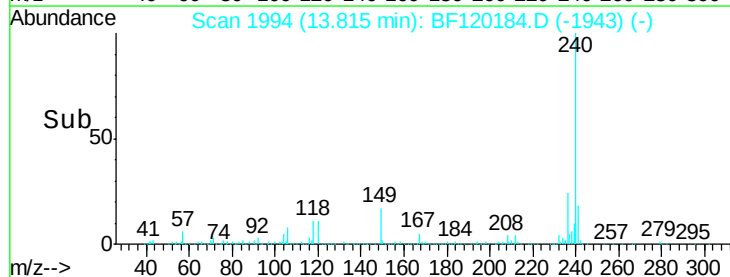
Abundance Ion 149.00 (148.70 to 149.70): E

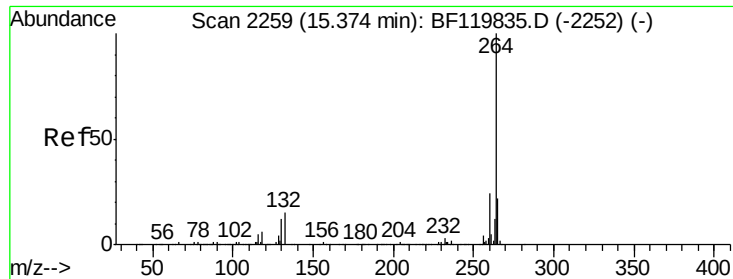
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120184.D
 Acq: 24 Apr 2020 2:51

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.2	18.7	28.1	
265	22.0	17.7	26.5	

