

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119530.D
 Acq On : 26 Mar 2020 6:38
 Operator : CG/JU
 Sample : L2026-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Quant Time: Mar 26 07:44:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

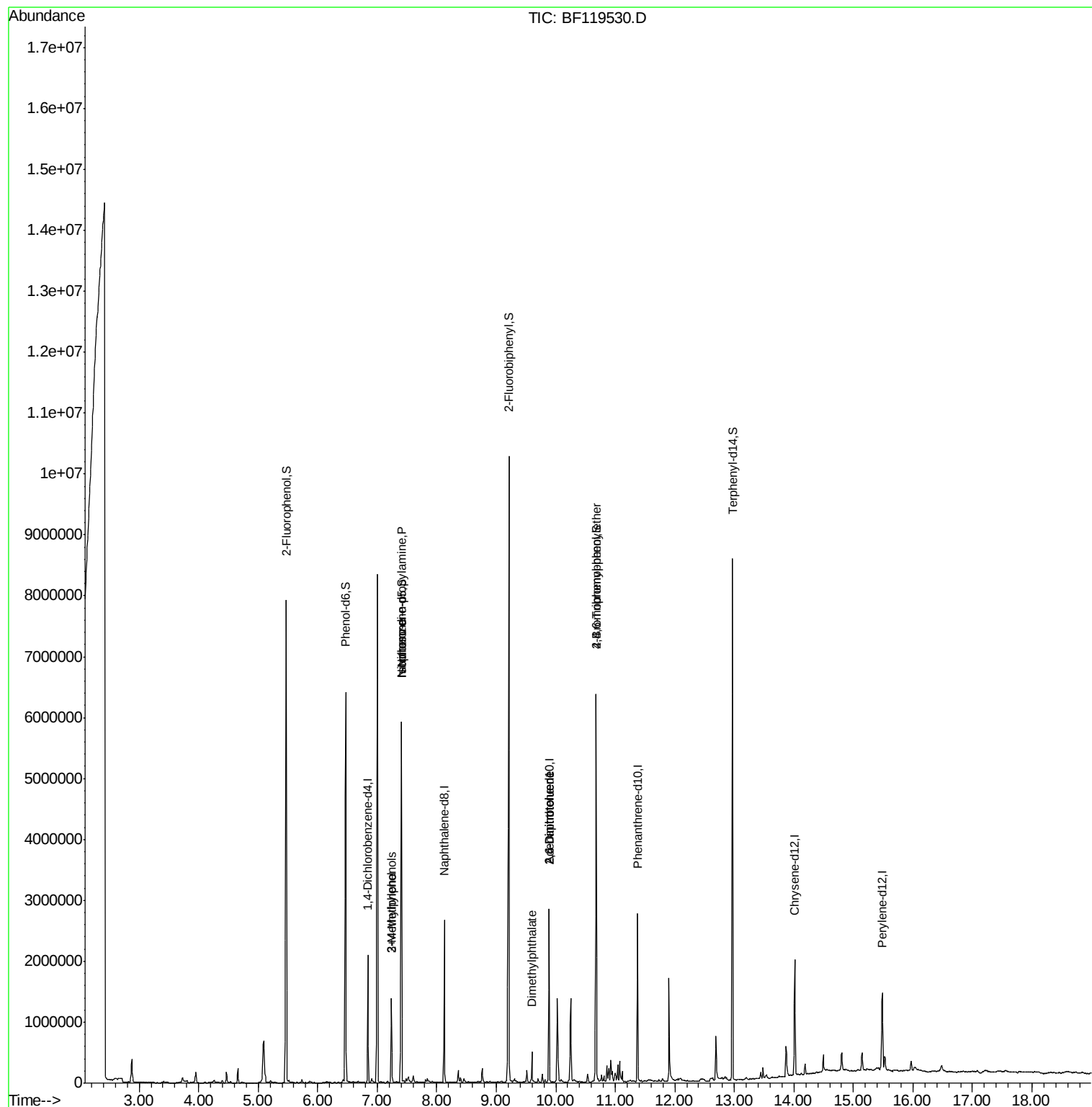
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	306939	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1111408	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	541550	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	915539	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	603984	20.00	ng	-0.02
87) Perylene-d12	15.49	264	611193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2275412	118.01	ng	0.02
7) Phenol-d6	6.47	99	2574257	104.52	ng	0.00
23) Nitrobenzene-d5	7.41	82	2008851	98.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	800753	143.32	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3522374	96.36	ng	-0.01
79) Terphenyl-d14	12.97	244	3138287	101.80	ng	-0.01
Target Compounds						
17) 2-Methylphenol	7.24	107	292667	15.773	ng	# 71
19) n-Nitroso-di-n-propylamine	7.41	70	271029	18.256	ng	# 72
20) 3+4-Methylphenols	7.24	107	292667	12.871	ng	# 76
25) Isophorone	7.41	82	2004780	48.327	ng	# 66
50) Dimethylphthalate	9.60	163	171037	4.446	ng	99
51) 2,6-Dinitrotoluene	9.89	165	70602	8.563	ng	# 18
57) 2,4-Dinitrotoluene	9.89	165	70602	6.797	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	49992	4.795	ng	# 1

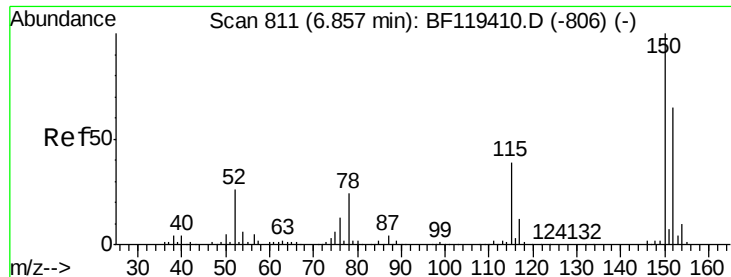
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

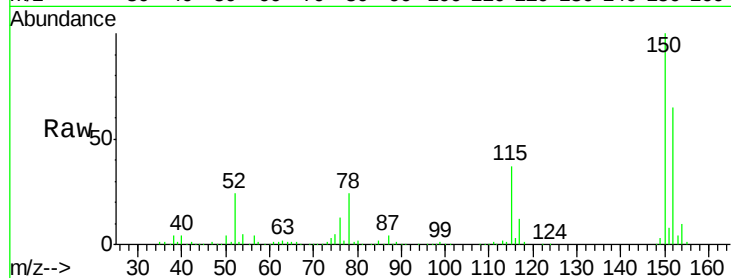
Tgt Ion:152 Resp: 306939

Ion Ratio Lower Upper

152 100

150 153.1 123.9 185.9

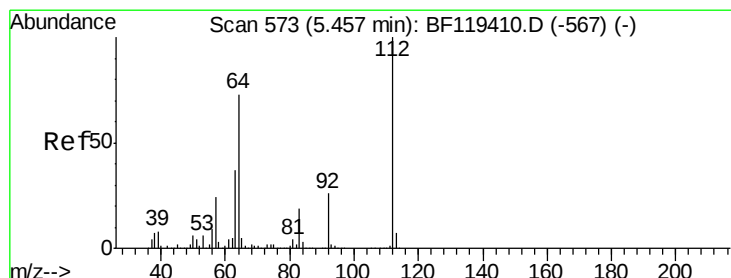
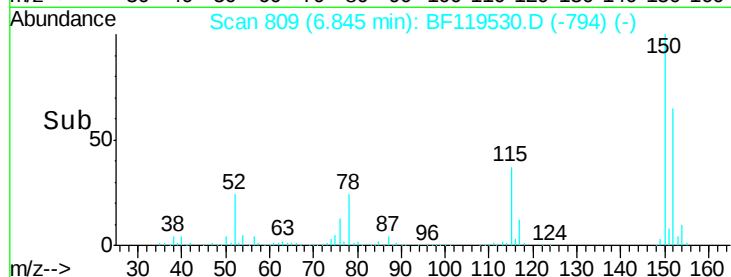
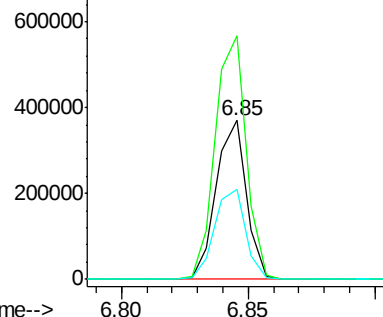
115 56.6 47.8 71.6



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: 118.012 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

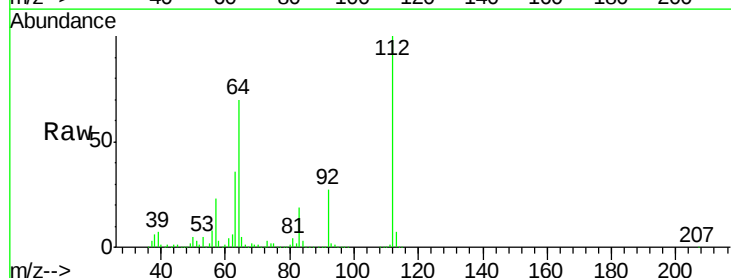
Tgt Ion:112 Resp: 2275412

Ion Ratio Lower Upper

112 100

64 70.0 58.1 87.1

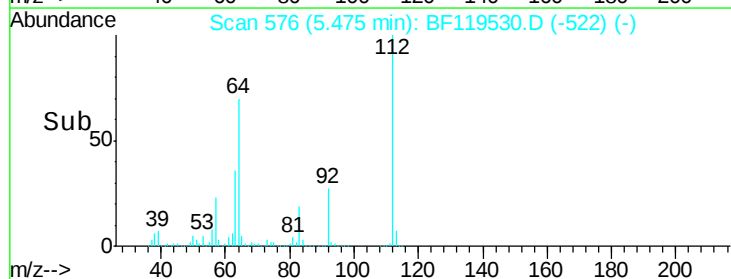
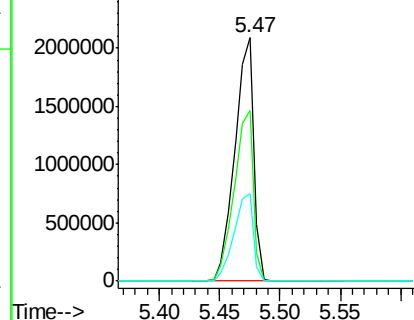
63 36.2 29.7 44.5

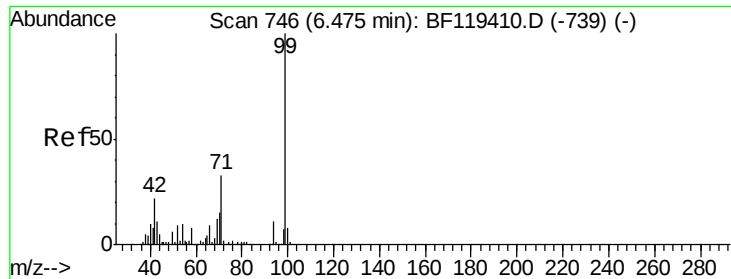


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.515 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

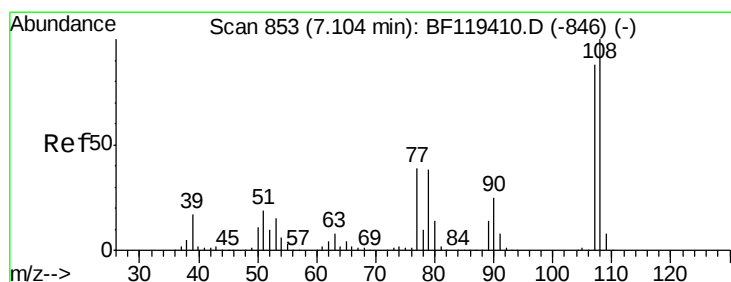
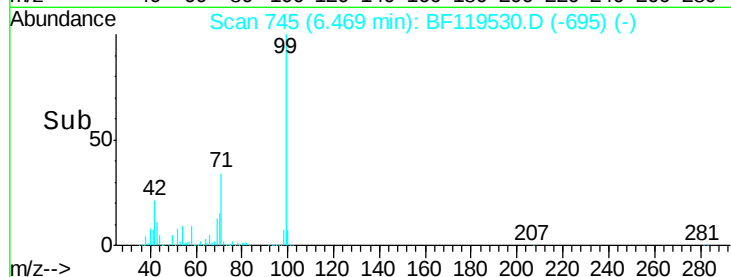
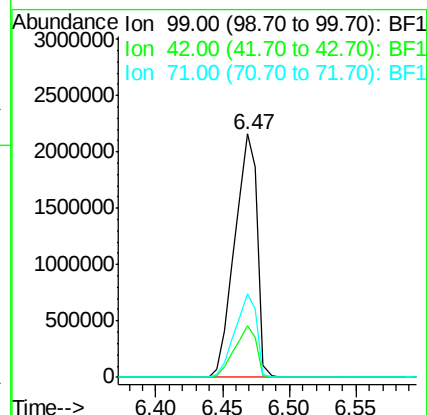
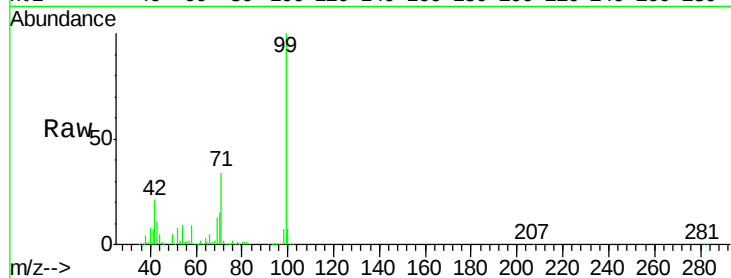
Tgt Ion: 99 Resp: 2574257

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

71 34.3 26.0 39.0



#17

2-Methylphenol

Concen: 15.773 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.14 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

Tgt Ion: 107 Resp: 292667

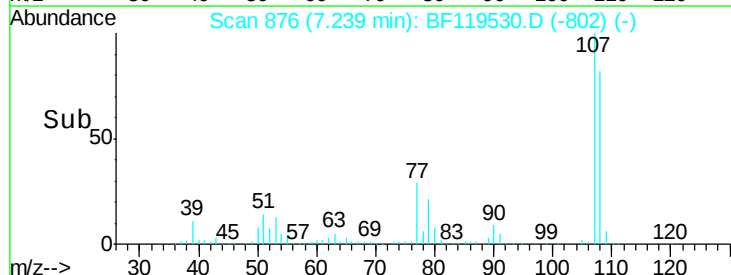
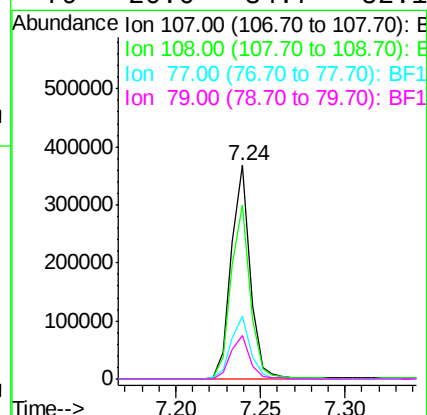
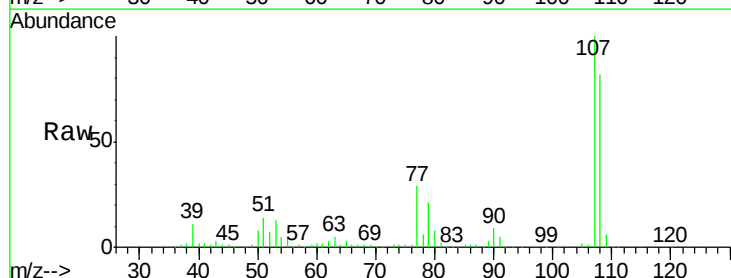
Ion Ratio Lower Upper

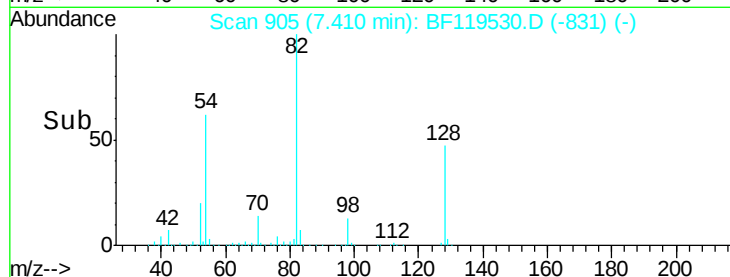
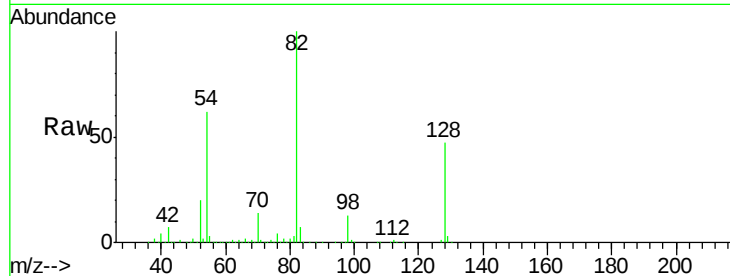
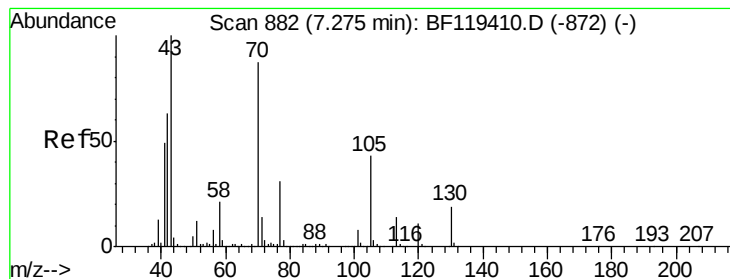
107 100

108 81.6 90.7 136.1#

77 29.4 35.6 53.4#

79 20.6 34.7 52.1#





#19

n-Nitroso-di-n-propylamine

Concen: 18.256 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

Tgt Ion: 70 Resp: 271029

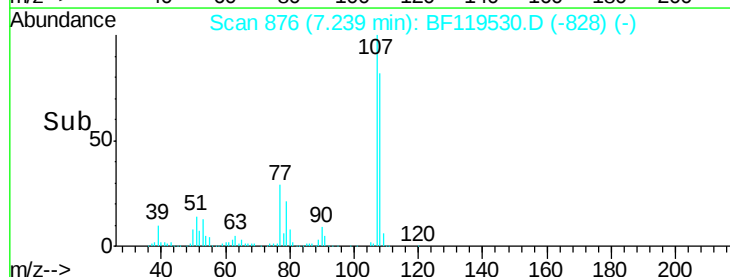
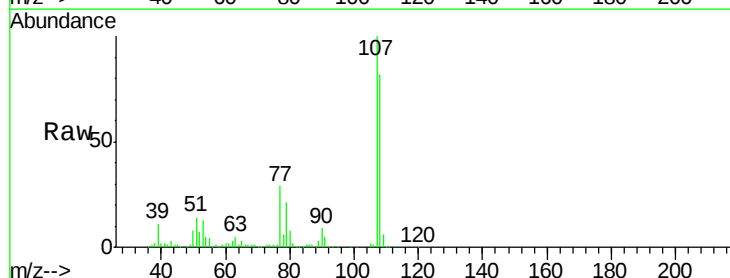
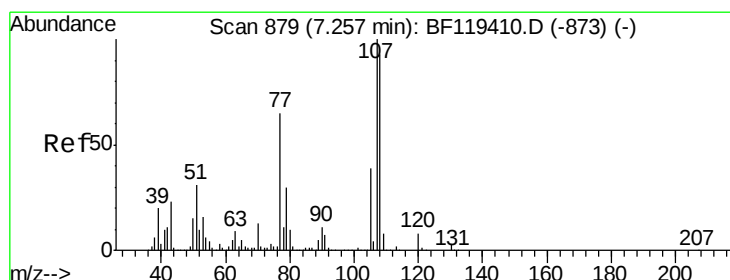
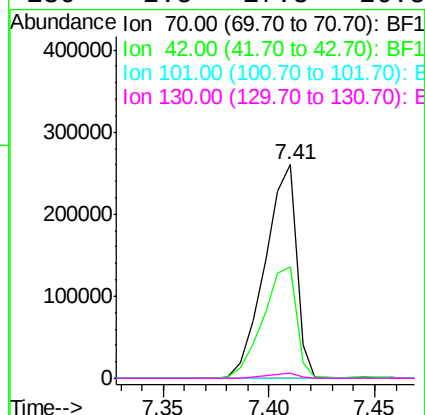
Ion Ratio Lower Upper

70 100

42 52.1 58.2 87.4#

101 0.0 7.4 11.2#

130 2.5 17.8 26.8#



#20

3+4-Methylphenols

Concen: 12.871 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

Tgt Ion: 107 Resp: 292667

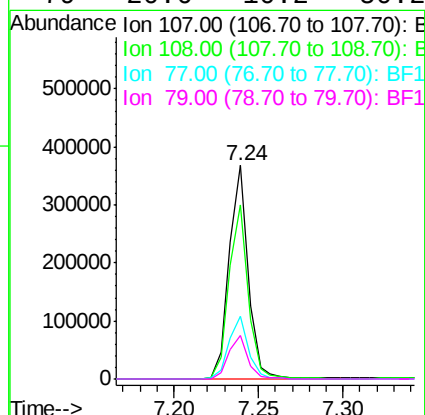
Ion Ratio Lower Upper

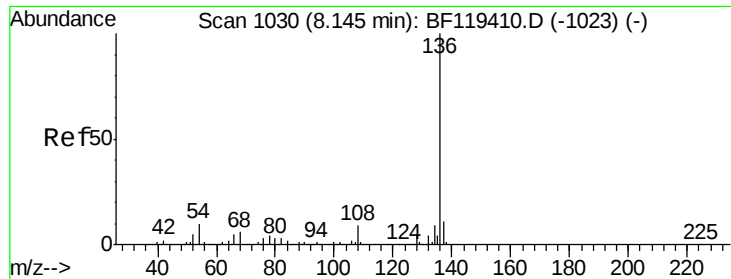
107 100

108 81.6 72.6 112.6

77 29.4 44.7 84.7#

79 20.6 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

Tgt Ion:136 Resp: 1111408

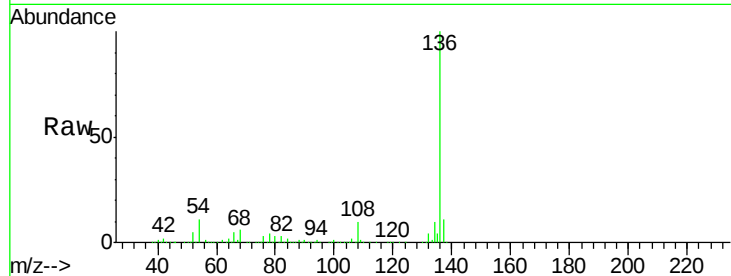
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.8 8.3 12.5

68 5.9 4.9 7.3

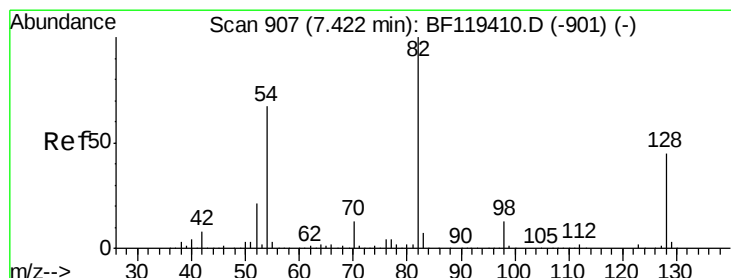
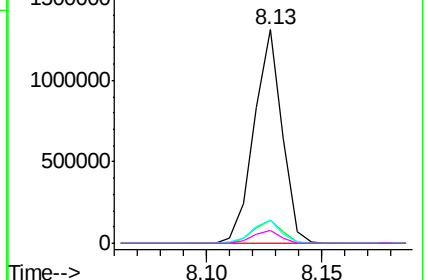
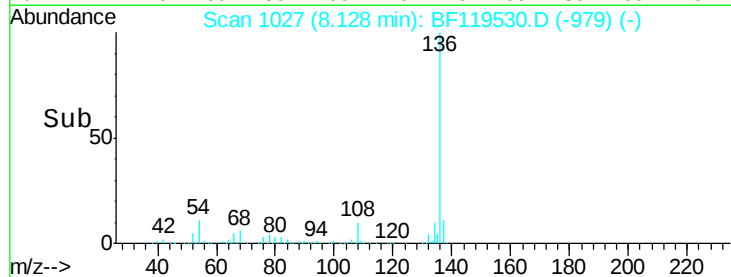


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.233 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

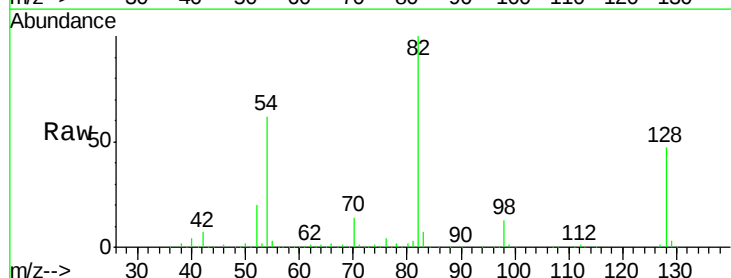
Tgt Ion: 82 Resp: 2008851

Ion Ratio Lower Upper

82 100

128 47.4 35.8 53.8

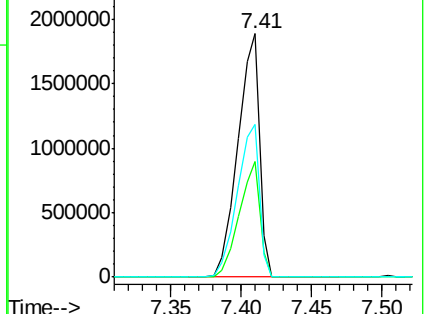
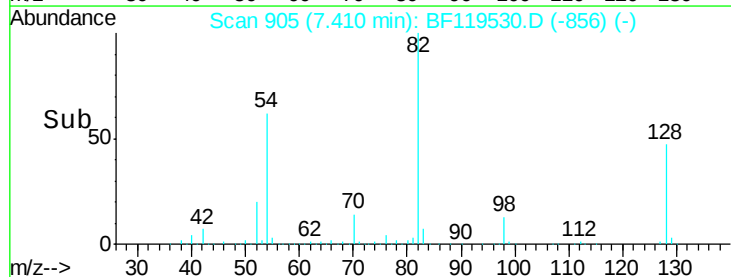
54 62.5 53.4 80.0

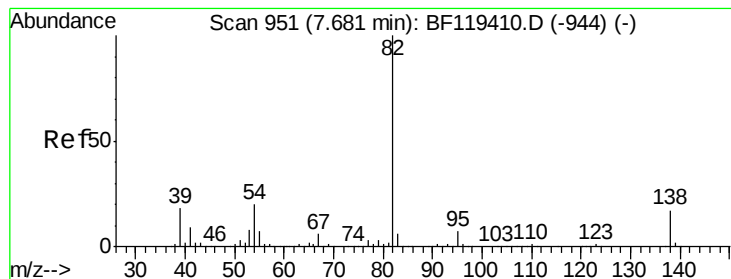


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.327 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

Instrument :

BNA_F

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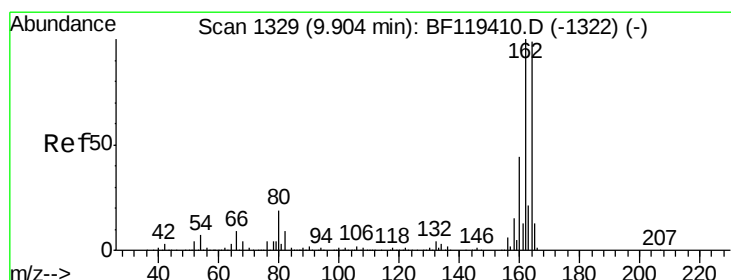
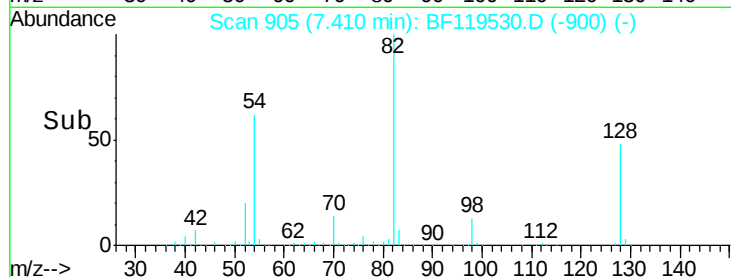
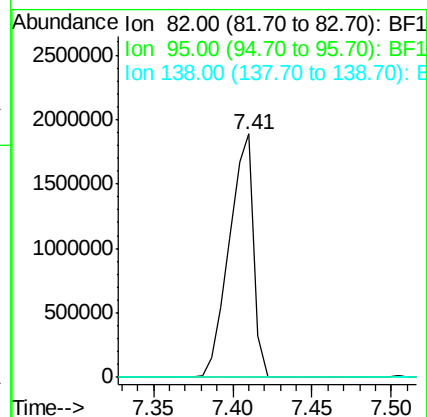
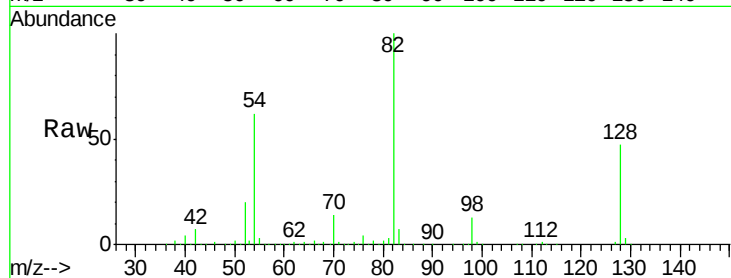
Tgt Ion: 82 Resp: 2004780

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

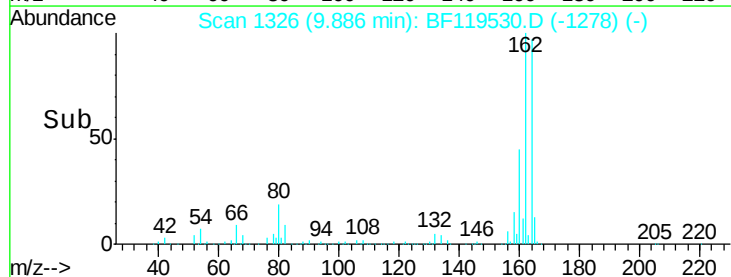
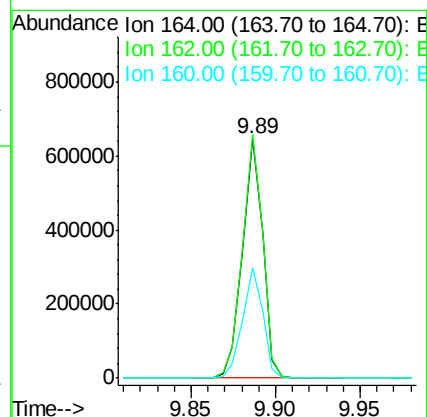
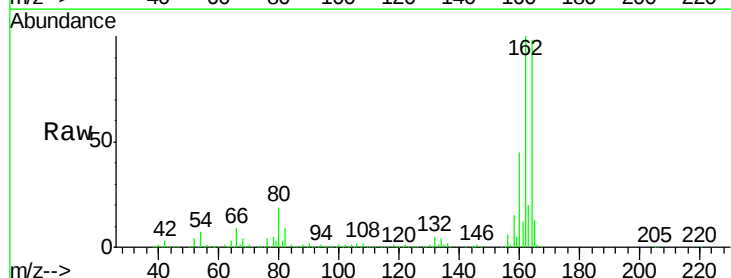
Tgt Ion: 164 Resp: 541550

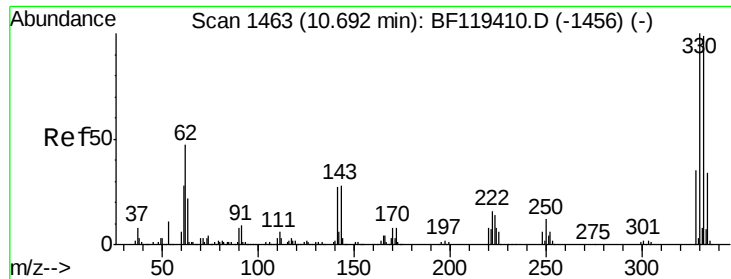
Ion Ratio Lower Upper

164 100

162 101.6 80.7 121.1

160 45.9 35.5 53.3

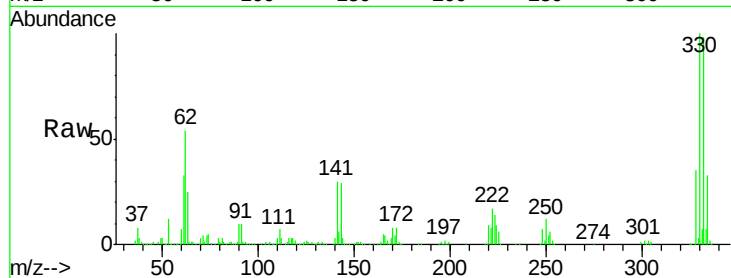




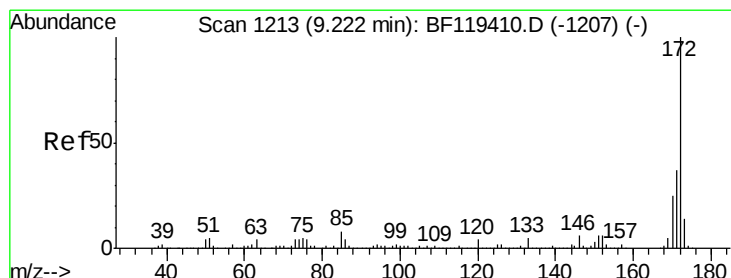
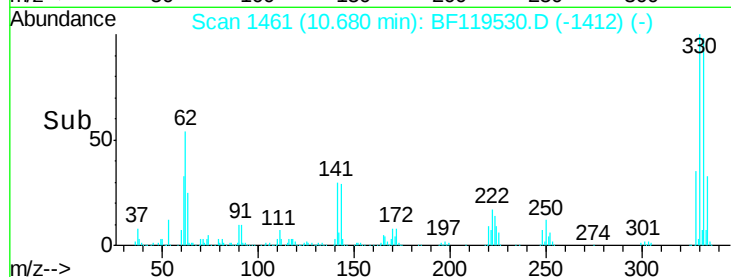
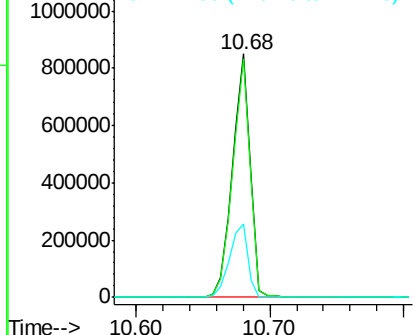
#42
 2,4,6-Tribromophenol
 Concen: 143.325 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119530.D
 Acq: 26 Mar 2020 6:38

Instrument :
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 BUS-WASH

Tgt Ion:330 Resp: 800753
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.6 116.4
 141 31.2 26.6 40.0

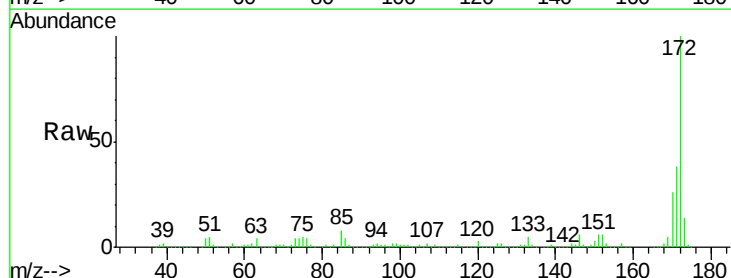


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

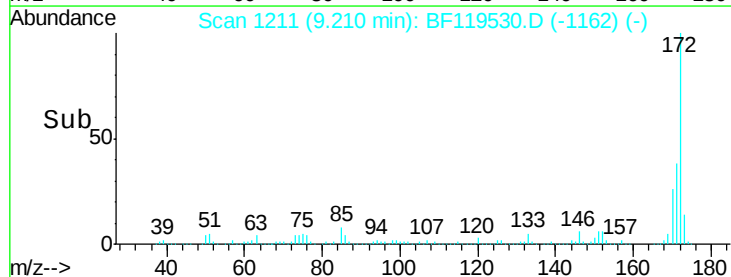
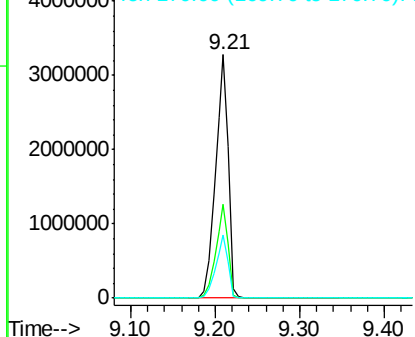


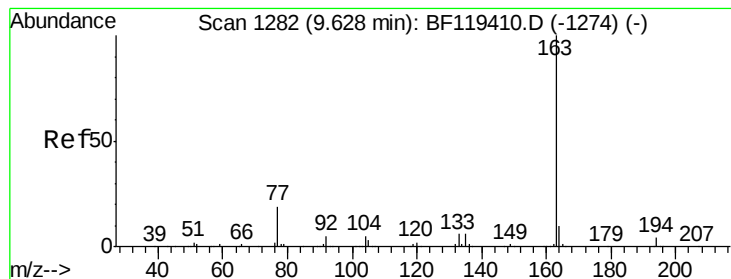
#45
 2-Fluorobiphenyl
 Concen: 96.359 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119530.D
 Acq: 26 Mar 2020 6:38

Tgt Ion:172 Resp: 3522374
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.9 44.9
 170 25.9 20.1 30.1



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: 4.446 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.03 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

Instrument :

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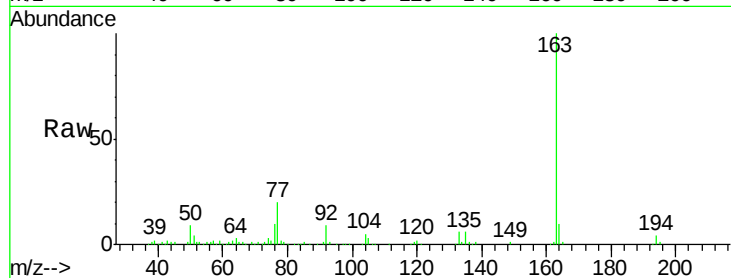
Tgt Ion:163 Resp: 171037

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

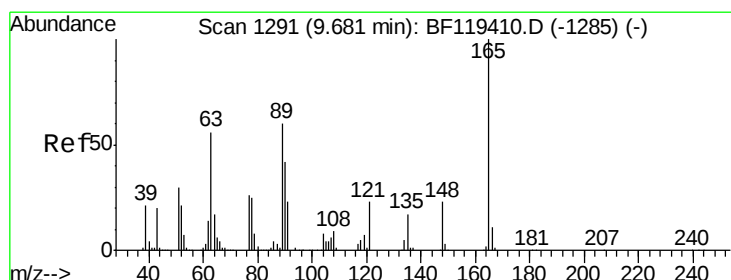
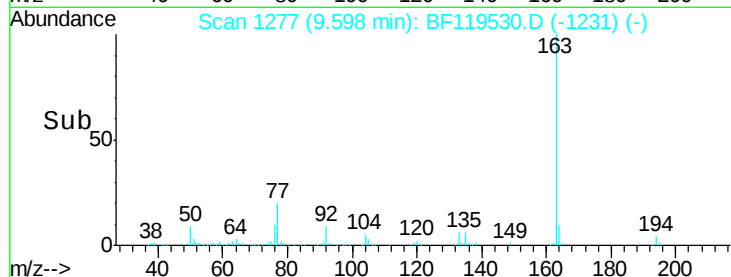
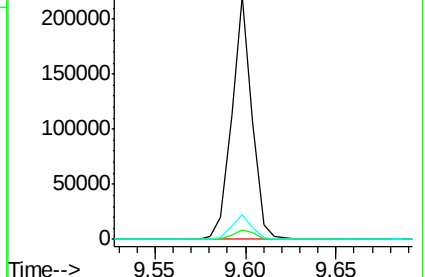
164 10.0 8.1 12.1



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: 8.563 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.21 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

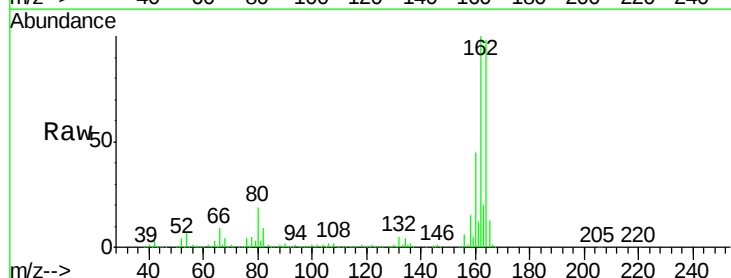
Tgt Ion:165 Resp: 70602

Ion Ratio Lower Upper

165 100

63 1.3 57.3 85.9#

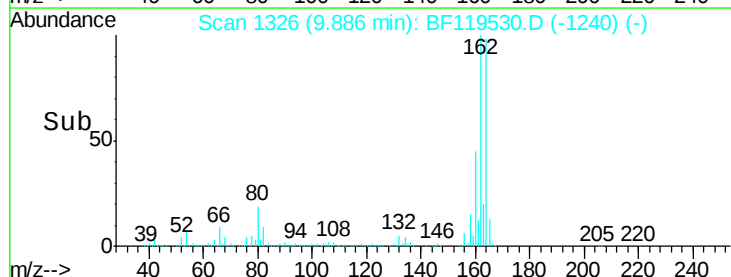
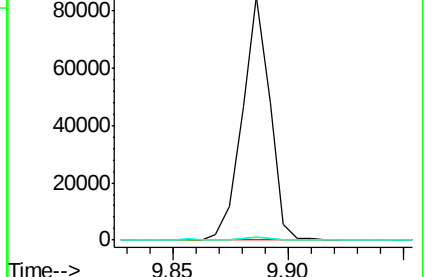
89 1.0 47.8 71.8#

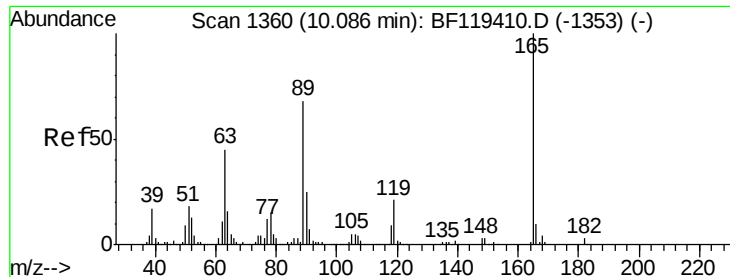


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

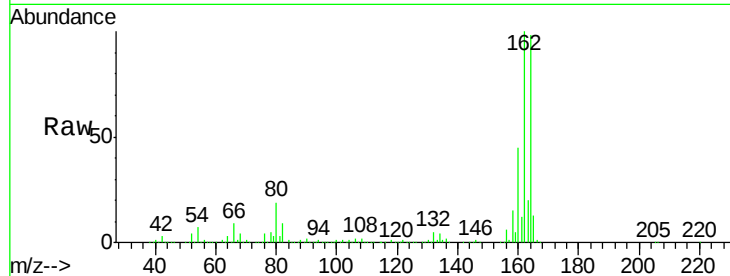




#57
2,4-Dinitrotoluene
Concen: 6.797 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119530.D
Acq: 26 Mar 2020 6:38

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.0	54.3	81.5#
182	0.0	2.0	3.0#

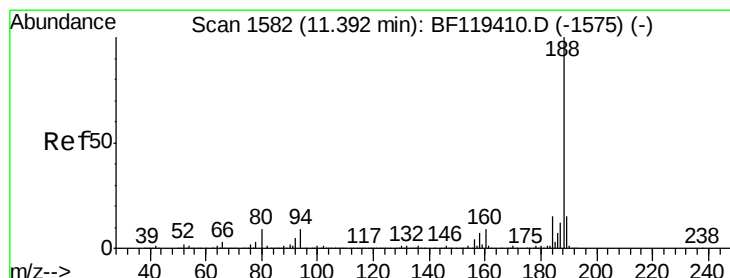
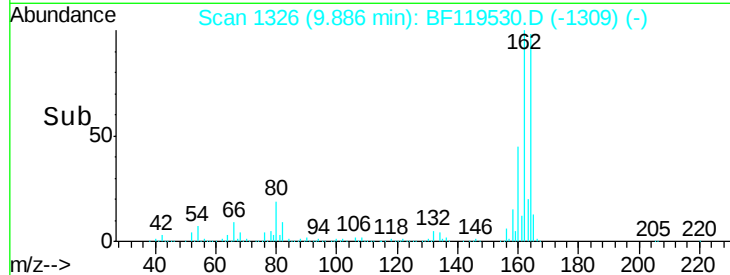
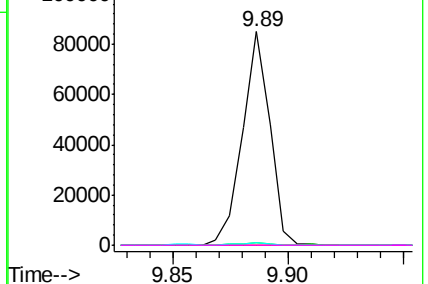


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

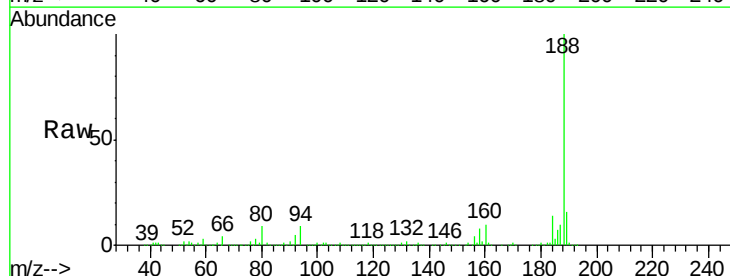
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119530.D
Acq: 26 Mar 2020 6:38

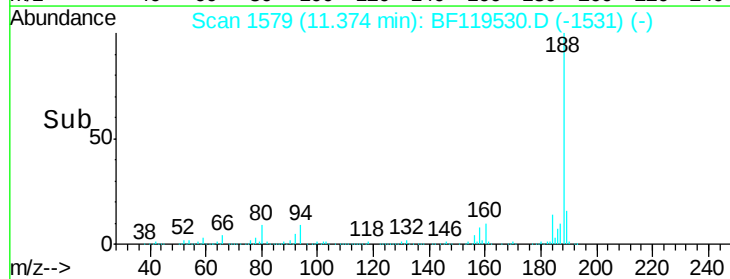
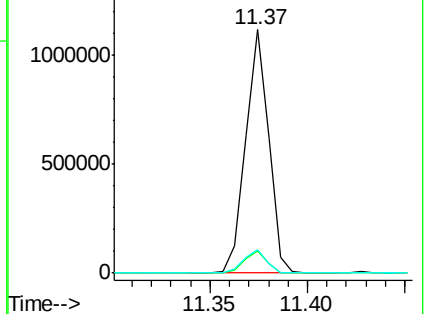
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	9.4	7.5	11.3

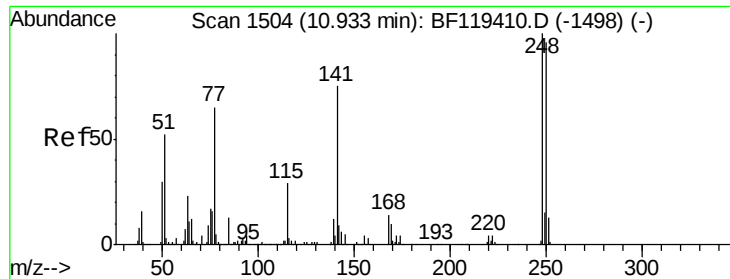


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

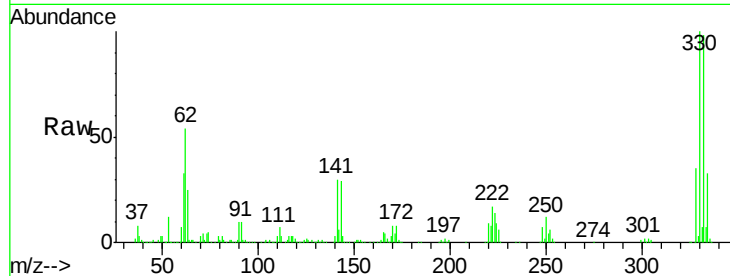




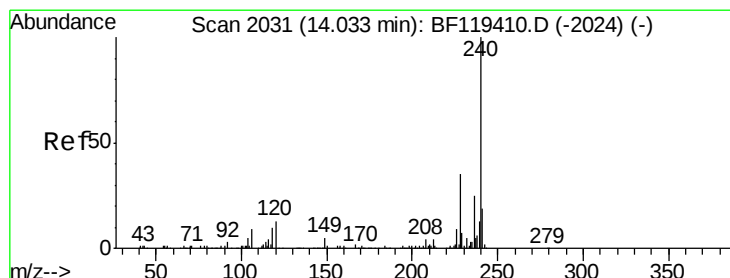
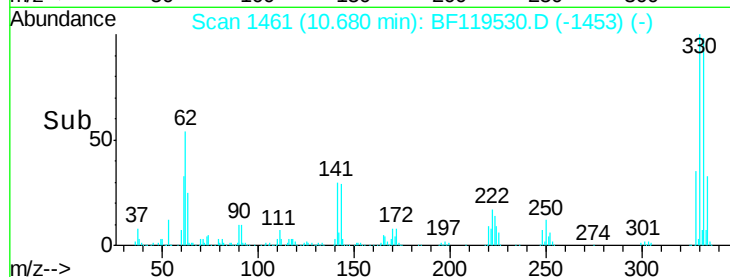
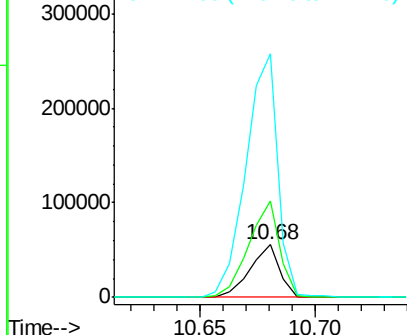
#67
 4-Bromophenyl-phenylether
 Concen: 4.795 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF119530.D
 Acq: 26 Mar 2020 6:38

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tgt Ion:248 Resp: 49992
 Ion Ratio Lower Upper
 248 100
 250 184.4 77.0 115.6#
 141 463.9 59.7 89.5#

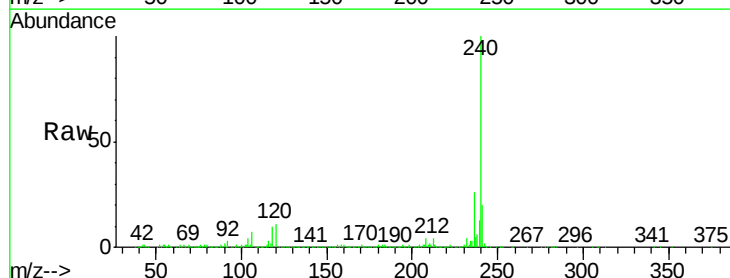


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

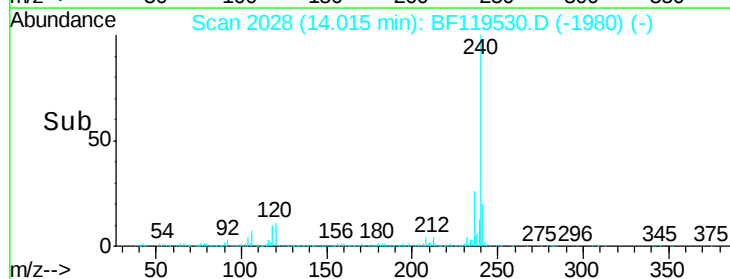
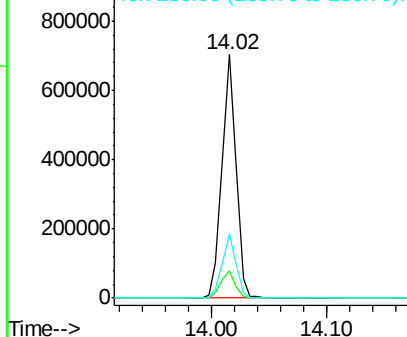


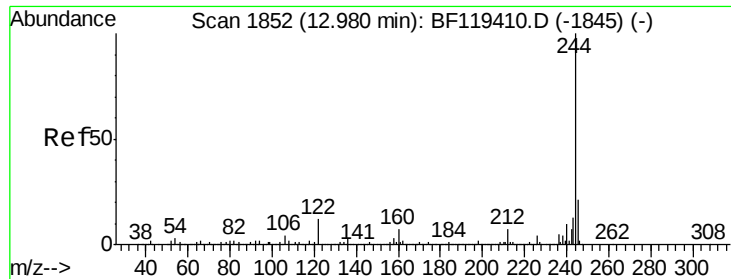
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF119530.D
 Acq: 26 Mar 2020 6:38

Tgt Ion:240 Resp: 603984
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.2 15.4
 236 26.2 20.4 30.6



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: 101.800 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

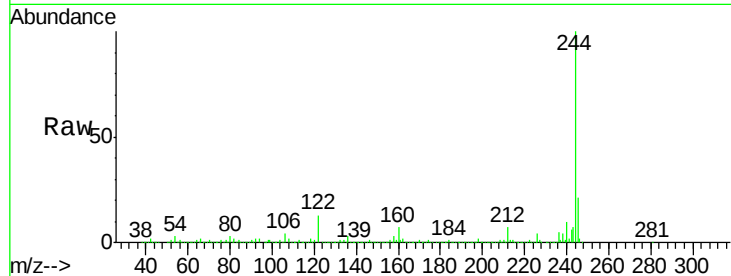
Tgt Ion:244 Resp: 3138287

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

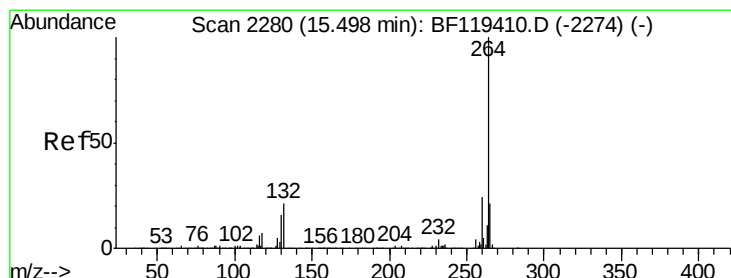
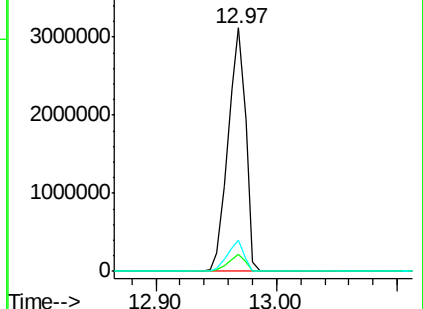
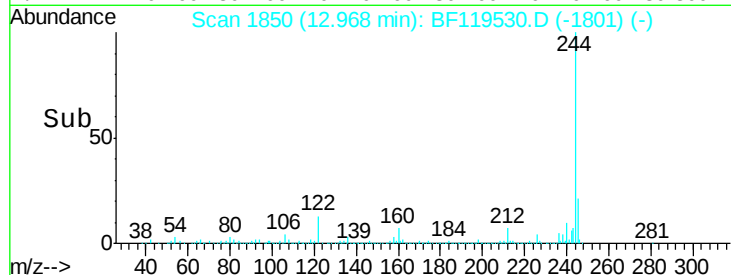
122 12.8 9.8 14.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF119530.D

Acq: 26 Mar 2020 6:38

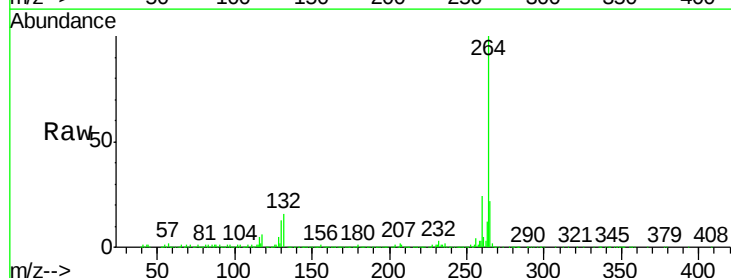
Tgt Ion:264 Resp: 611193

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 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

