

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119777.D
 Acq On : 6 Apr 2020 17:39
 Operator : MA/SJ
 Sample : L2144-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 06 18:31:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	177036	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	674084	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	367602	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	690810	20.00	ng	0.00
76) Chrysene-d12	13.95	240	512456	20.00	ng	0.00
87) Perylene-d12	15.39	264	498572	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1493599	134.30	ng	0.02
7) Phenol-d6	6.42	99	1716782	120.85	ng	0.00
23) Nitrobenzene-d5	7.35	82	1277597	103.01	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	600158	158.25	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2491523	100.41	ng	0.00
79) Terphenyl-d14	12.90	244	2731792	104.44	ng	0.00

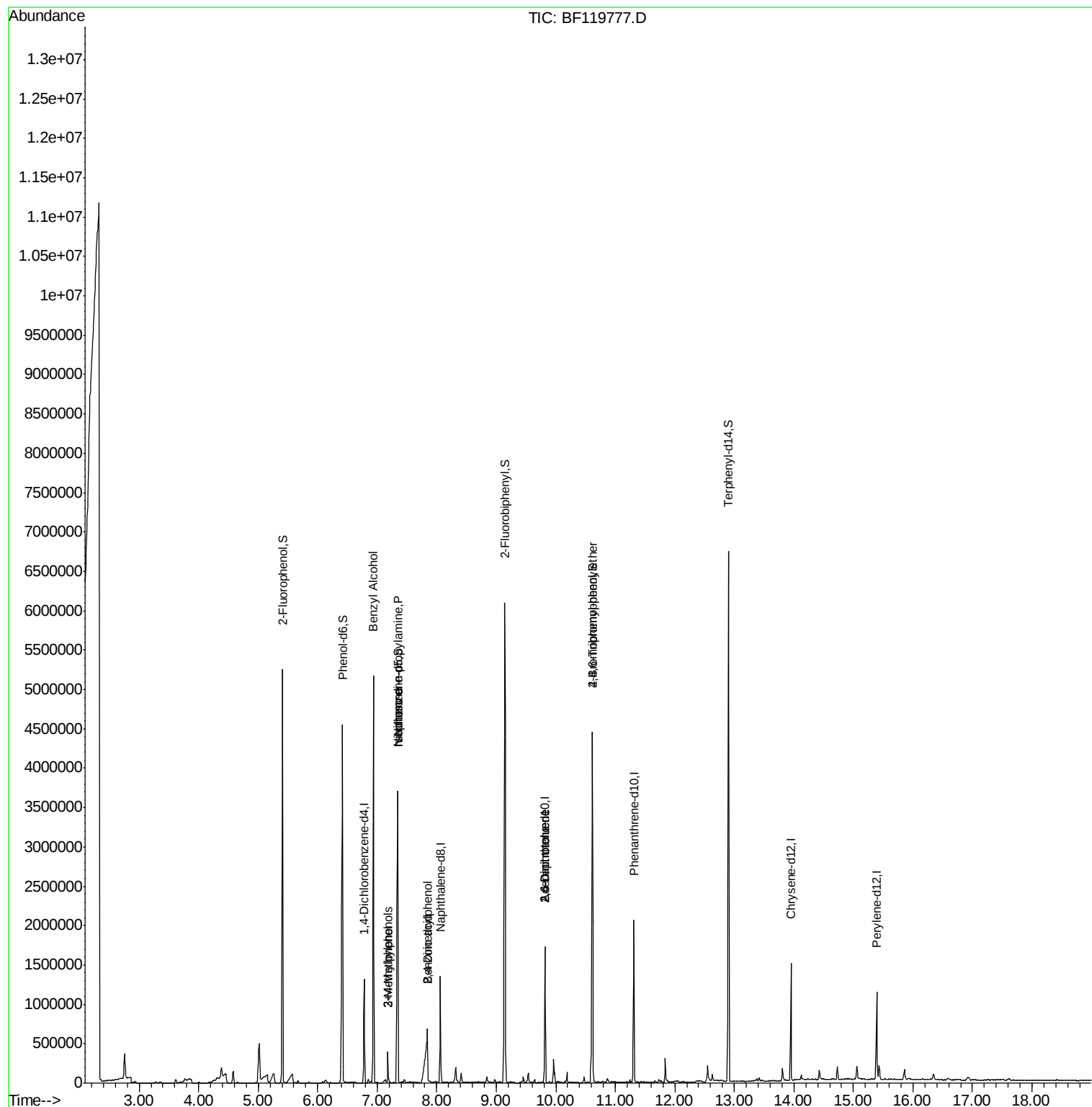
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.94	79	21689	2.030	ng	# 46
17) 2-Methylphenol	7.18	107	88644	8.283	ng	# 71
19) n-Nitroso-di-n-propylamine	7.35	70	167125	19.517	ng	# 77
20) 3+4-Methylphenols	7.18	107	88644	6.759	ng	# 77
25) Isophorone	7.35	82	1277585	50.778	ng	# 65
27) 2,4-Dimethylphenol	7.85	122	350616	32.489	ng	# 5
32) Benzoic acid	7.85	122	350616	50.508	ng	# 96
51) 2,6-Dinitrotoluene	9.82	165	48132	8.600	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	48132	6.827	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	36623	4.655	ng	# 1

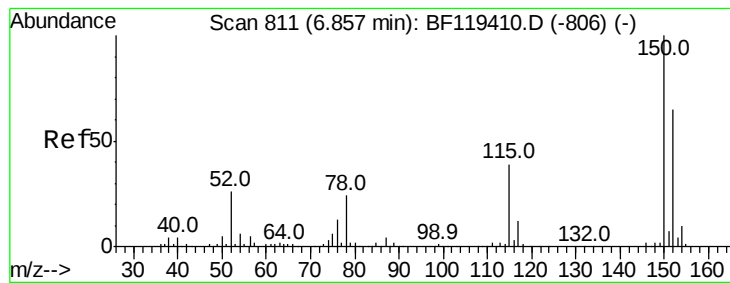
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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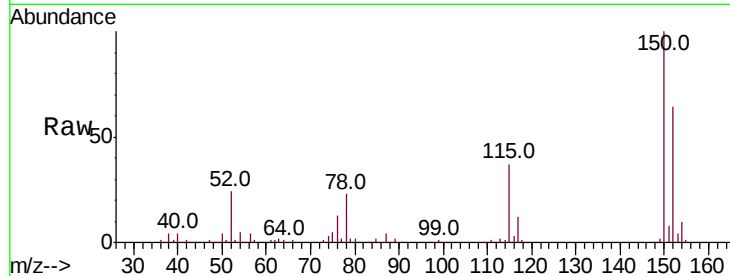


#1

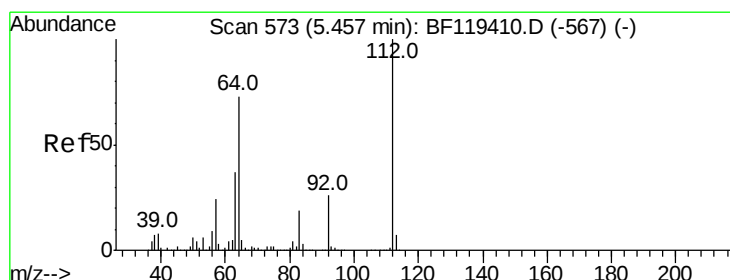
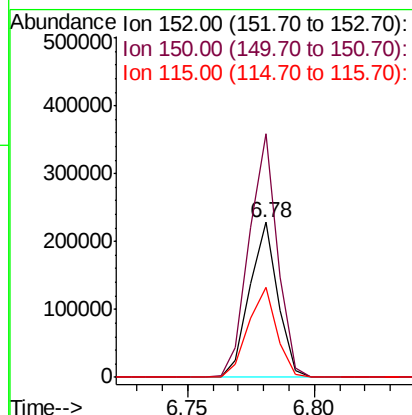
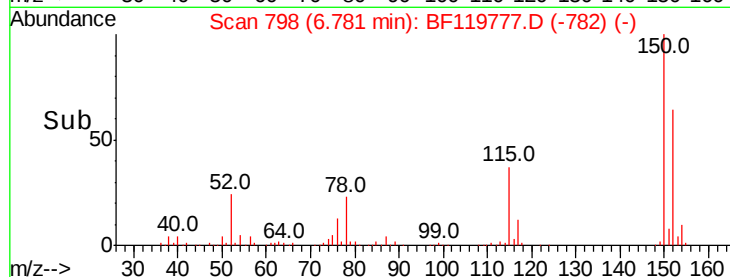
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion:152 Resp: 177036
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.5 186.7
 115 58.4 49.6 74.4



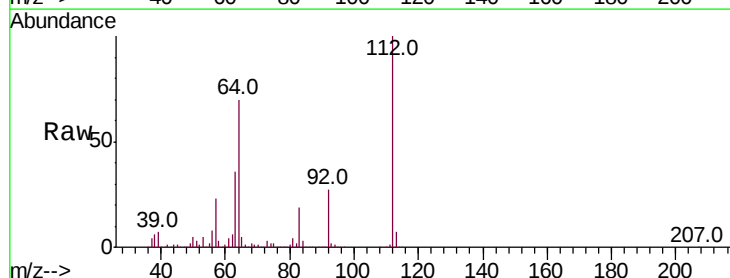
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



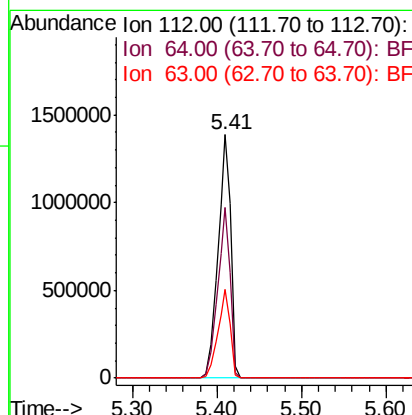
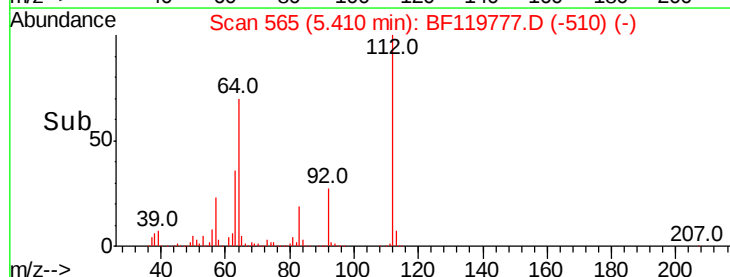
#5

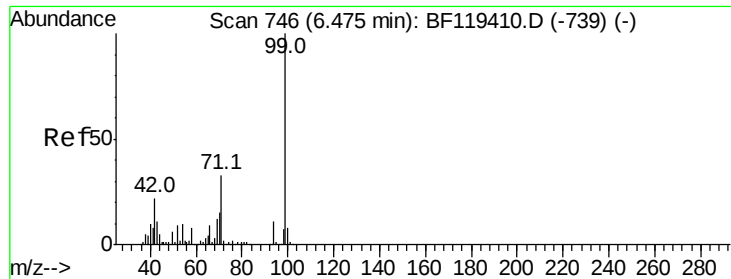
2-Fluorophenol
 Concen: 134.304 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

Tgt Ion:112 Resp: 1493599
 Ion Ratio Lower Upper
 112 100
 64 69.8 56.7 85.1
 63 36.3 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: 120.846 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

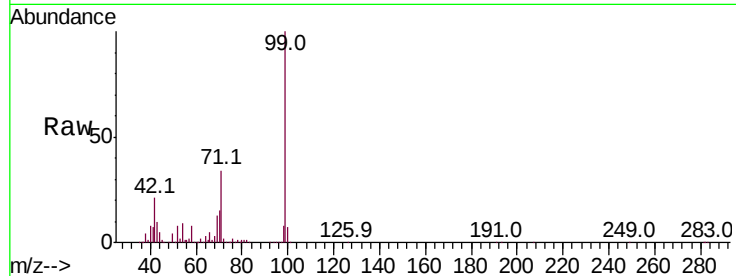
Tot Ion: 99 Resp: 1716782

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

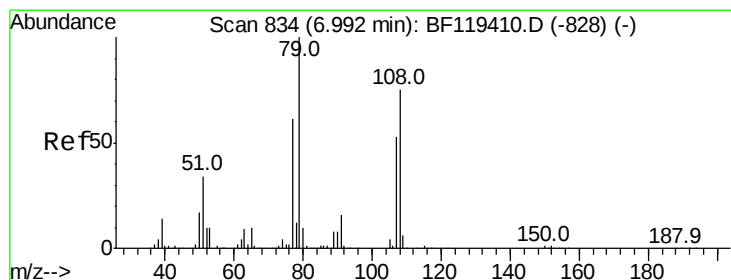
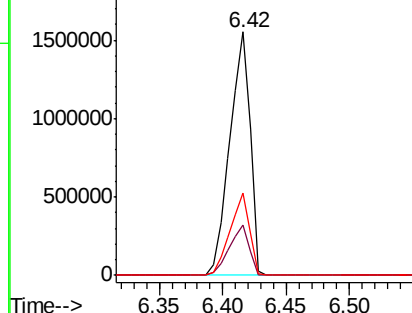
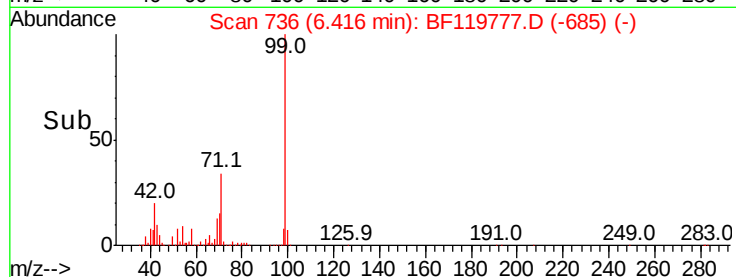
71 33.6 26.4 39.6



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: 2.030 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

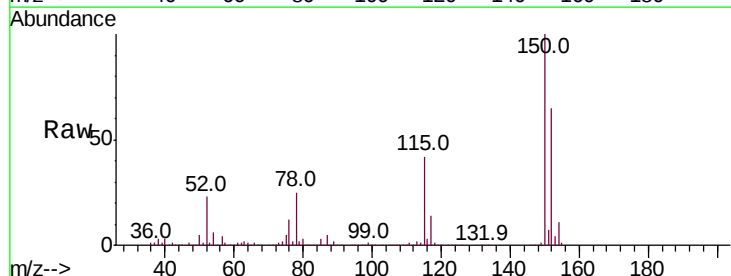
Tgt Ion: 79 Resp: 21689

Ion Ratio Lower Upper

79 100

108 27.7 60.6 90.8#

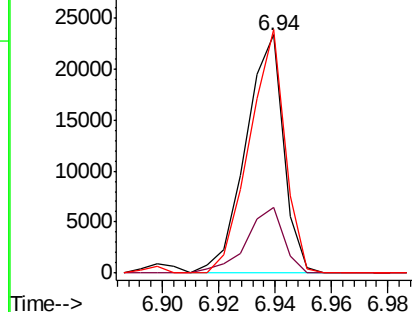
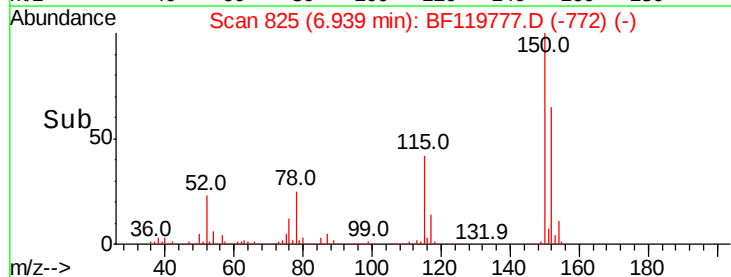
77 102.2 50.2 75.2#

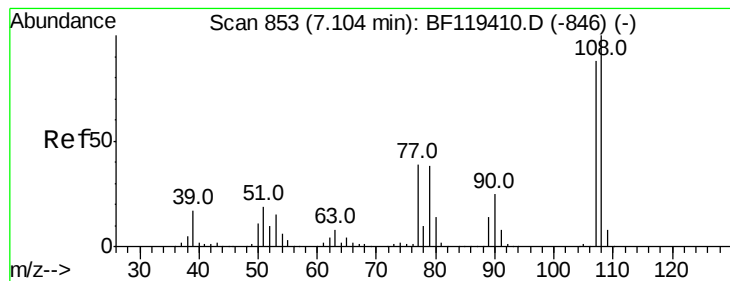


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1





#17

2-Methylphenol

Concen: 8.283 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.14 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

Instrument :

BNA_F

ClientSampled :

BUS-WASH

Tot Ion:107 Resp: 88644

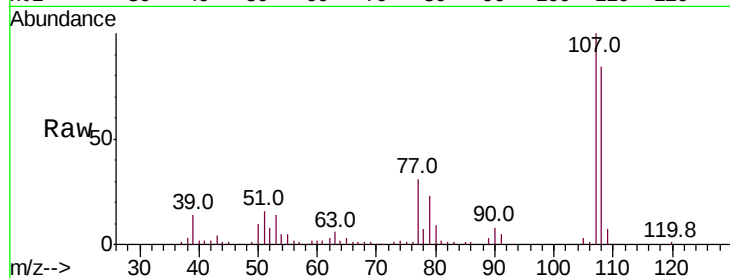
Ion Ratio Lower Upper

107 100

108 83.7 92.2 138.4#

77 31.0 36.6 54.8#

79 22.9 36.2 54.4#

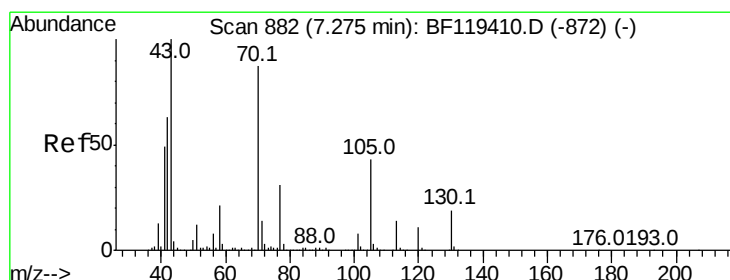
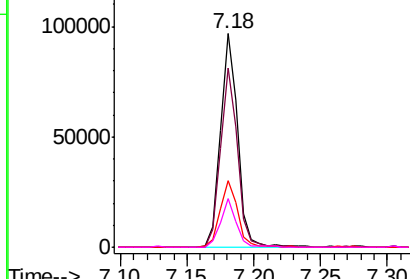
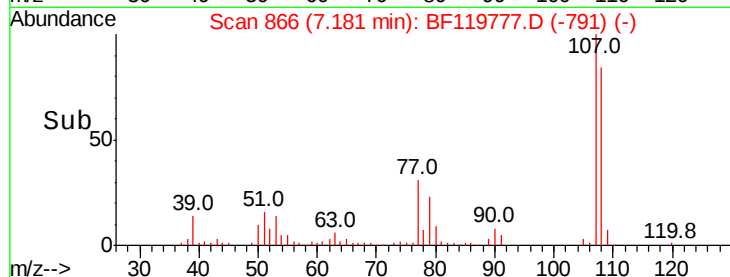


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 19.517 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

Tgt Ion: 70 Resp: 167125

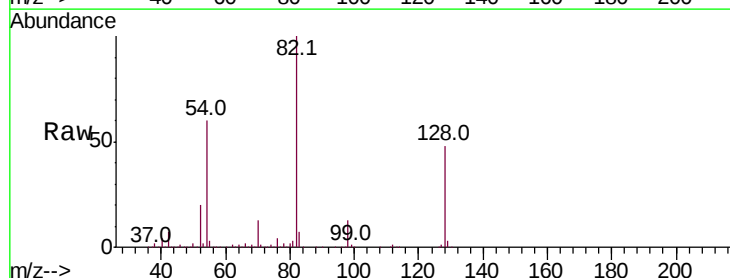
Ion Ratio Lower Upper

70 100

42 54.3 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

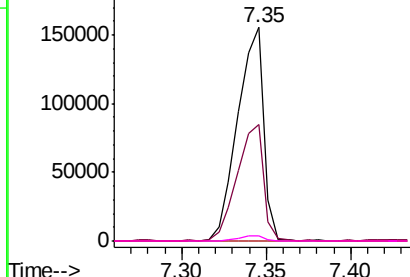
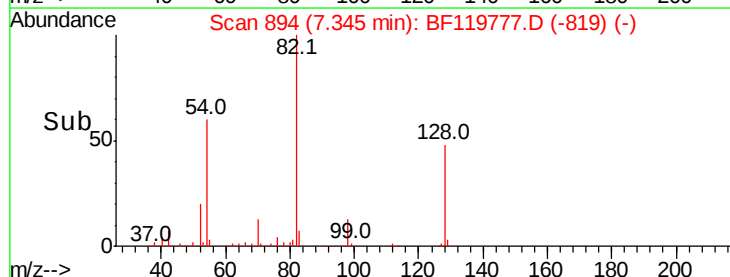


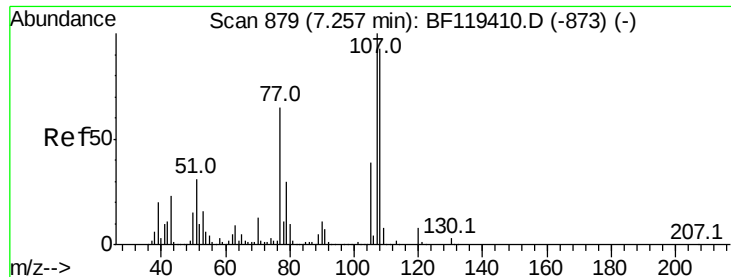
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

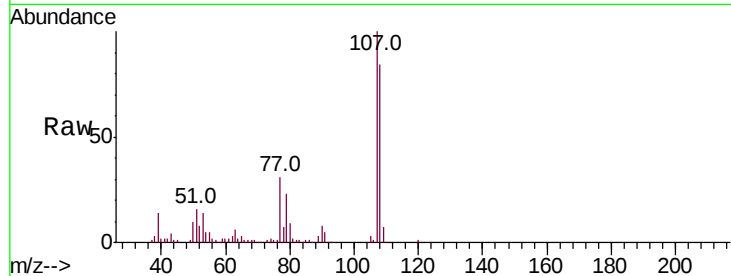




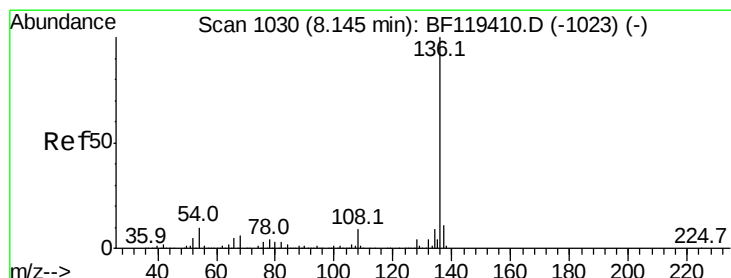
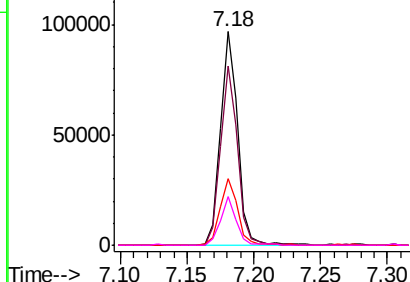
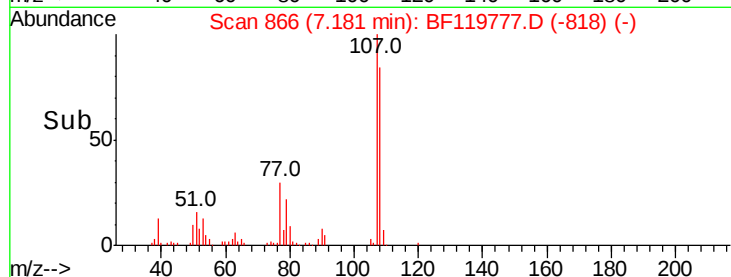
#20
3+4-Methylphenols
Concen: 6.759 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF119777.D
Acq: 6 Apr 2020 17:39

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tot Ion:	107	Resp:	88644
Ion	Ratio	Lower	Upper
107	100		
108	83.7	67.9	107.9
77	31.0	52.9	92.9#
79	22.9	7.7	47.7

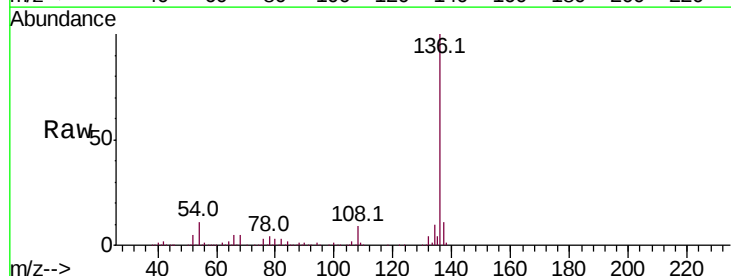


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

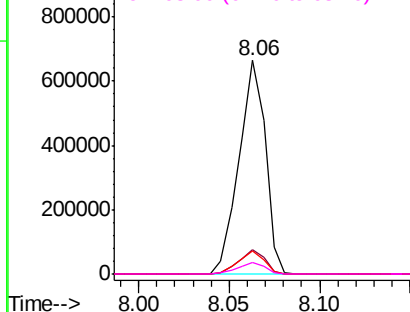
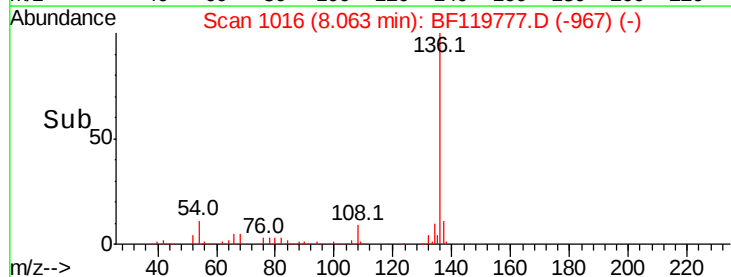


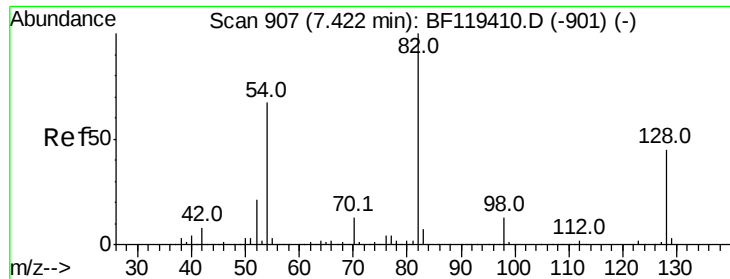
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119777.D
Acq: 6 Apr 2020 17:39

Tgt Ion:	136	Resp:	674084
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.6	9.1	13.7
68	5.4	4.6	6.8



Abundance Ion 136.00 (135.70 to 136.70): E
1000000
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



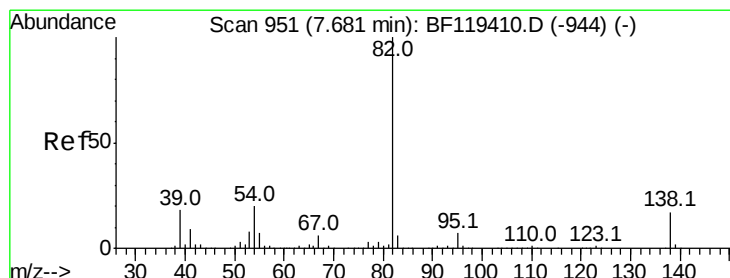
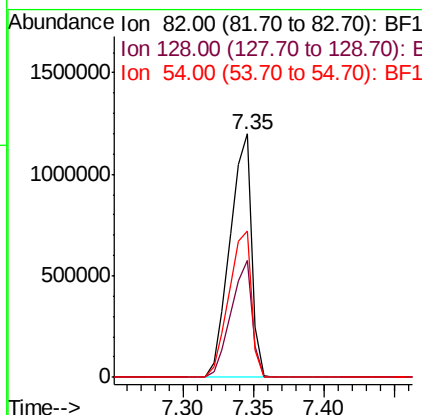
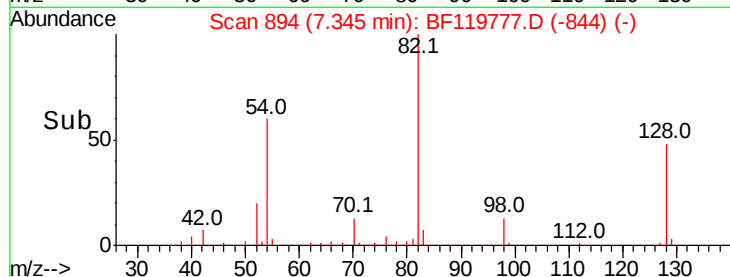
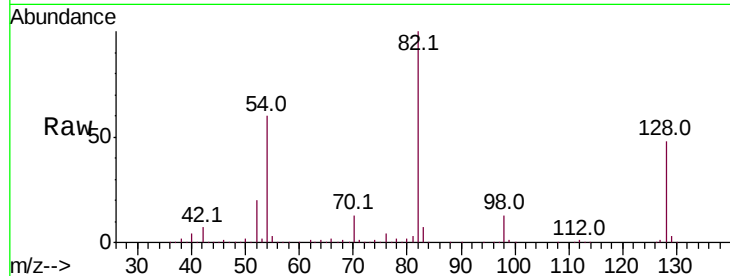


#23
 Nitrobenzene-d5
 Concen: 103.006 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion: 82 Resp: 1277597

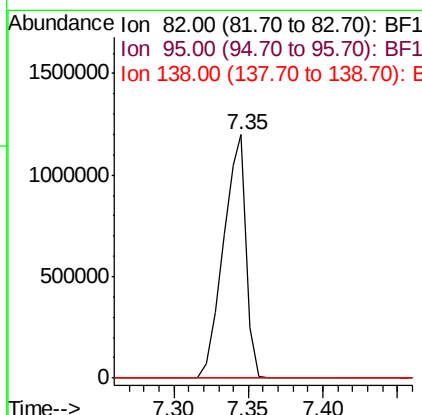
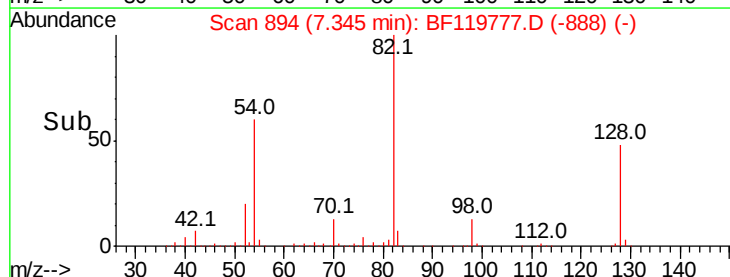
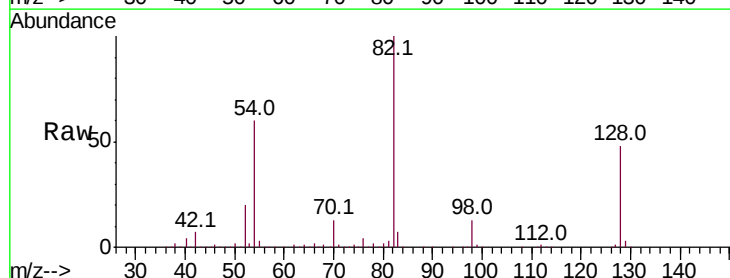
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.3	54.5
54	60.2	50.6	75.8

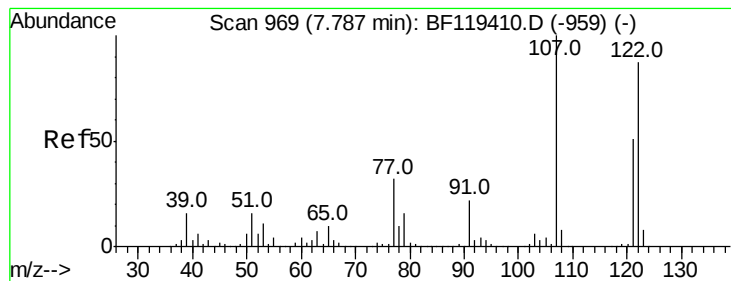


#25
 Isophorone
 Concen: 50.778 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

Tgt Ion: 82 Resp: 1277585

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

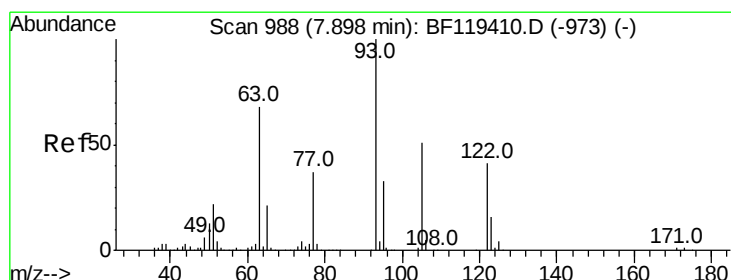
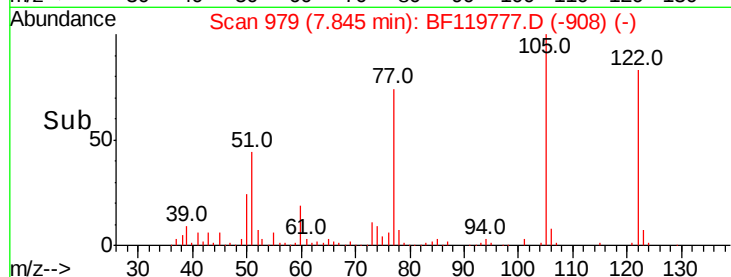
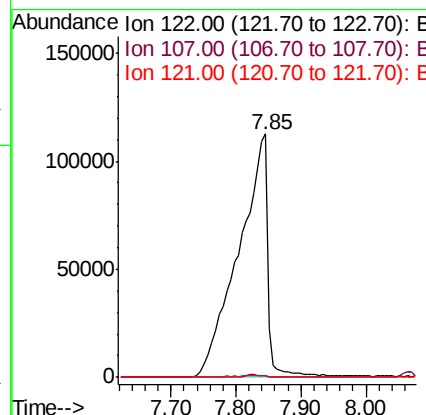
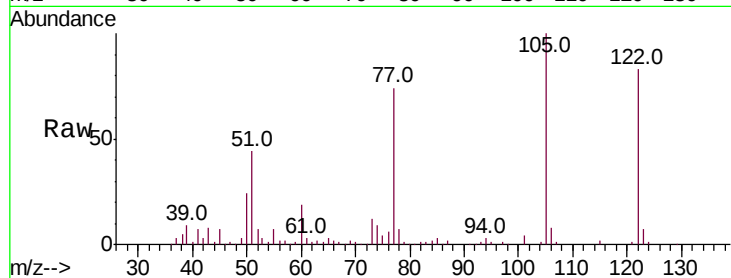




#27
2,4-Dimethylphenol
Concen: 32.489 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.12 min
Lab File: BF119777.D
Acq: 6 Apr 2020 17:39

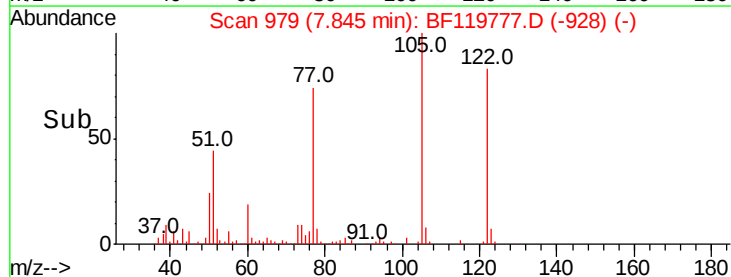
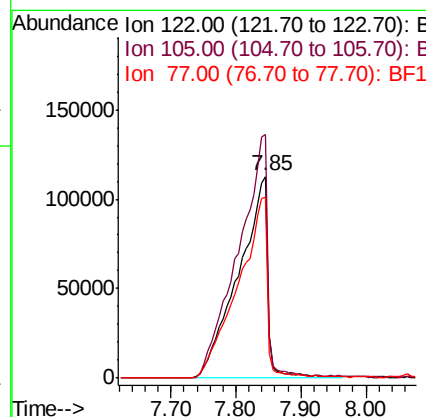
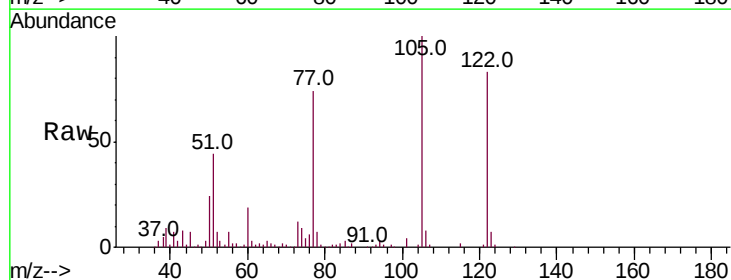
Instrument :
BNA_F
ClientSampleId :
BUS-WASH

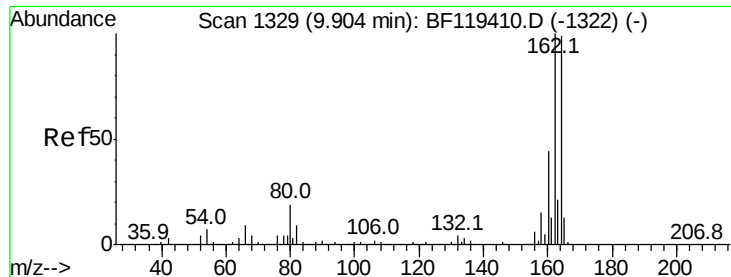
Tot Ion:122 Resp: 350616
Ion Ratio Lower Upper
122 100
107 0.7 89.0 133.6#
121 0.7 46.7 70.1#



#32
Benzoic acid
Concen: 50.508 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF119777.D
Acq: 6 Apr 2020 17:39

Tgt Ion:122 Resp: 350616
Ion Ratio Lower Upper
122 100
105 120.7 104.9 144.9
77 89.5 74.4 114.4

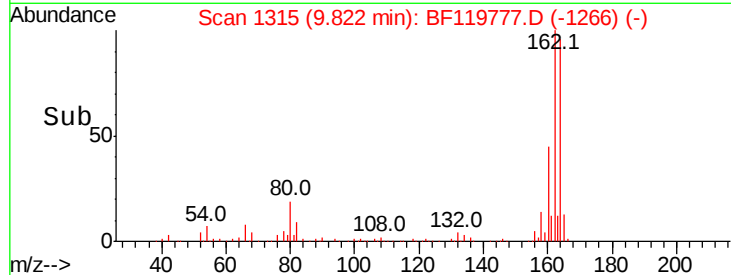
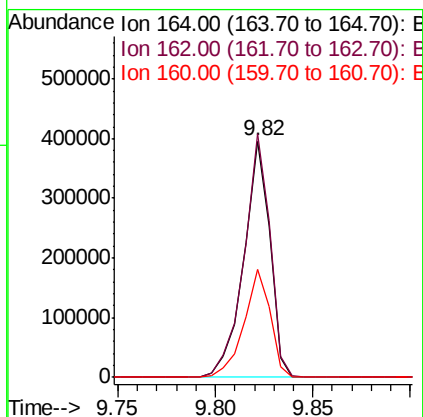
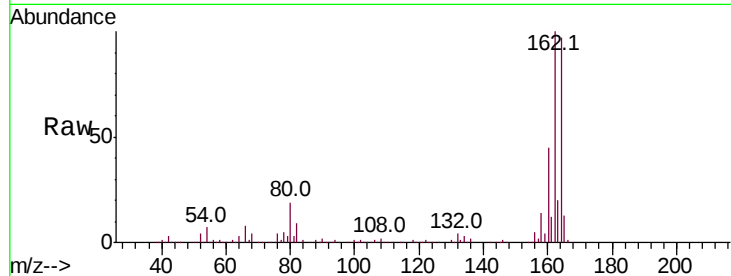




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

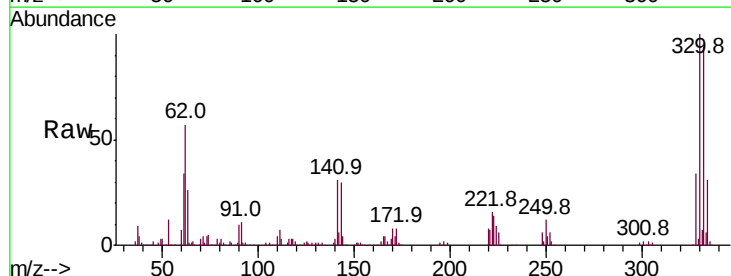
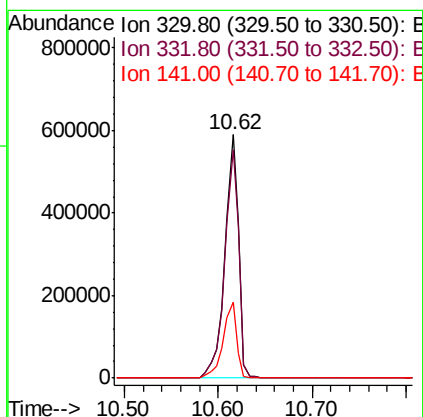
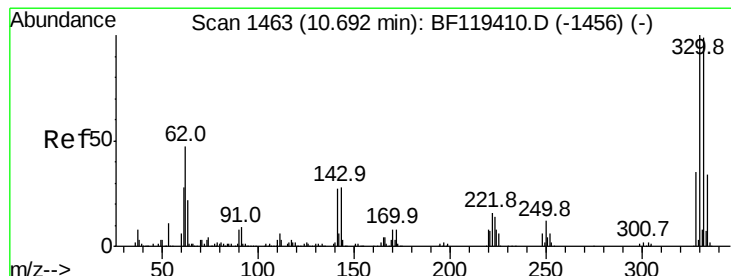
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

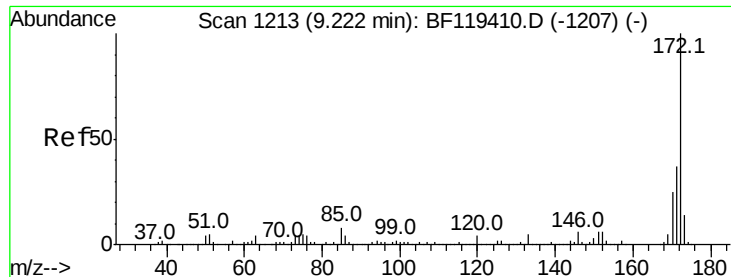
Tot Ion:164 Resp: 367602
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.6 121.0
 160 46.0 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 158.252 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

Tgt Ion:330 Resp: 600158
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.7 113.5
 141 30.8 25.4 38.0



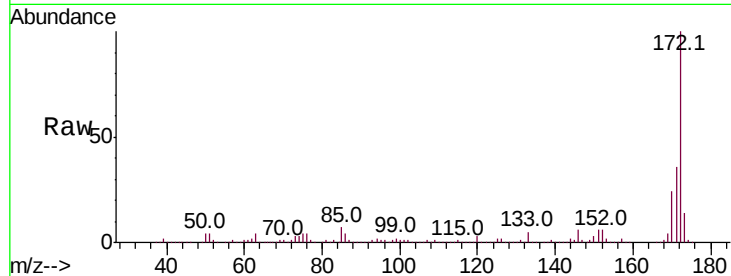


#45
 2-Fluorobiphenyl
 Concen: 100.411 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

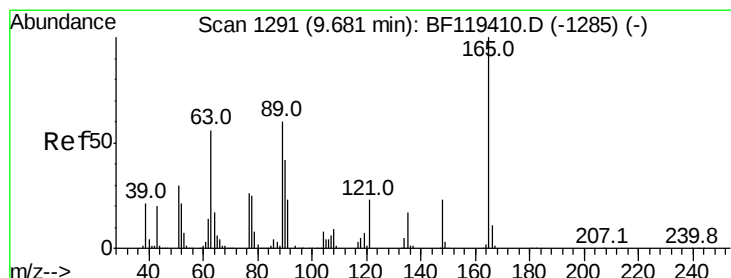
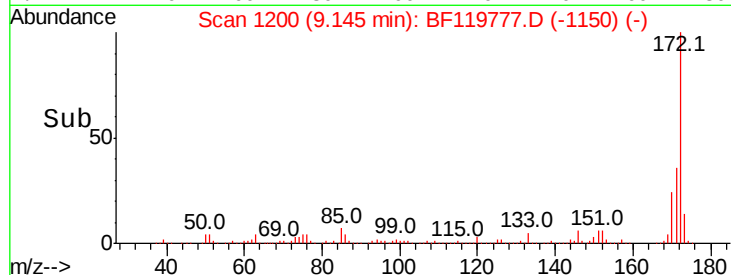
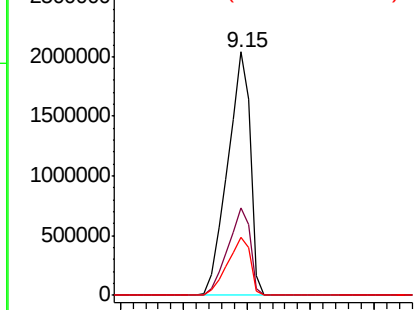
Instrument :
 BNA_F
 ClientSampled :
 BUS-WASH

Tot Ion:172 Resp: 2491523

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.1	20.2	30.2



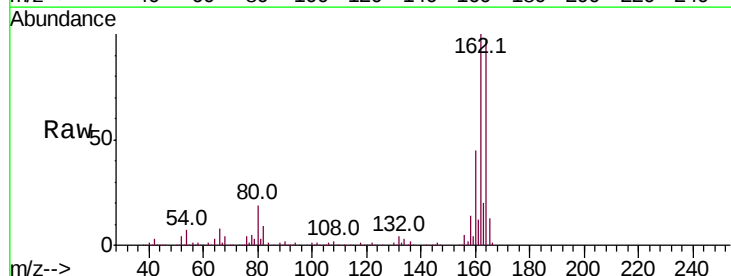
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



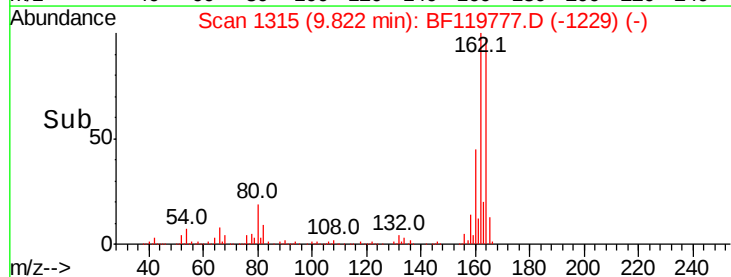
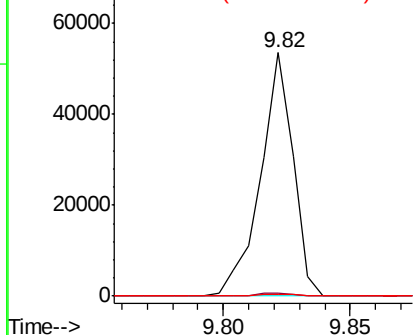
#51
 2,6-Dinitrotoluene
 Concen: 8.600 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

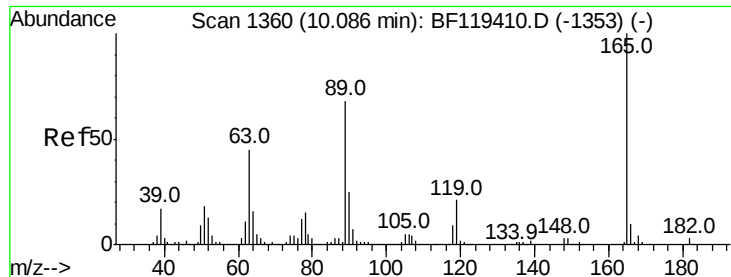
Tgt Ion:165 Resp: 48132

Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.0	67.4#
89	0.9	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

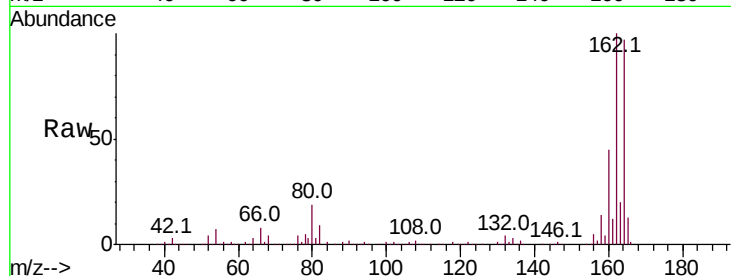




#57
 2,4-Dinitrotoluene
 Concen: 6.827 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.6	64.0#
89	0.9	61.0	91.4#
182	0.0	2.2	3.2#



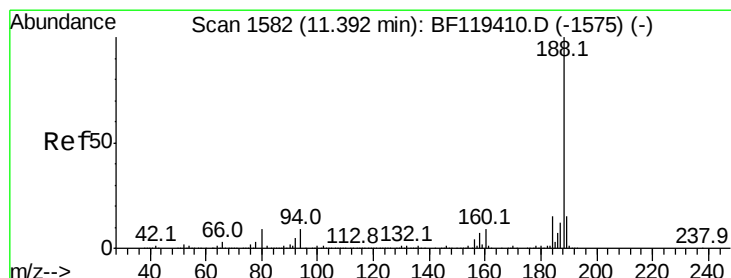
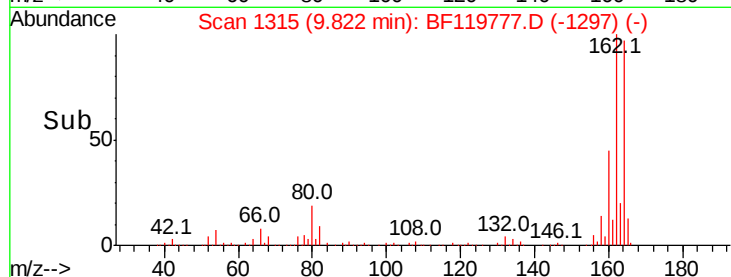
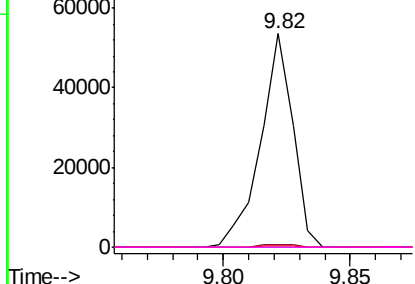
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

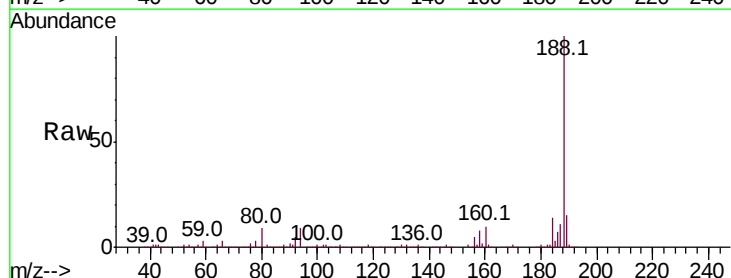
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	9.3	9.0	13.4

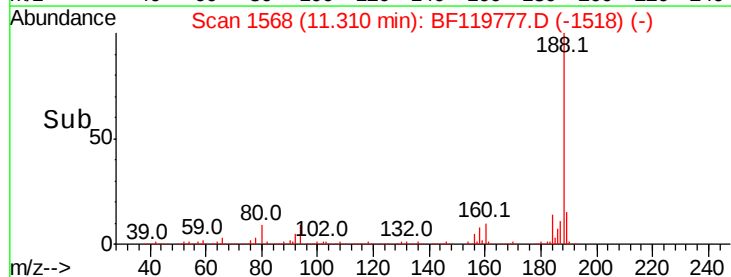
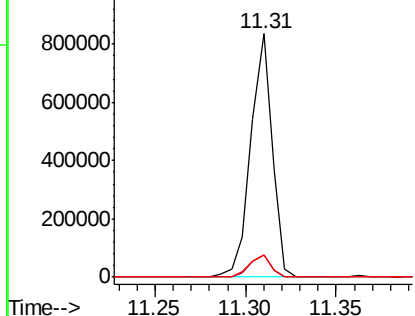


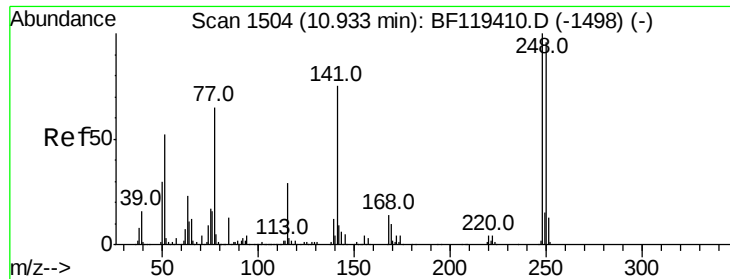
Abundance

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

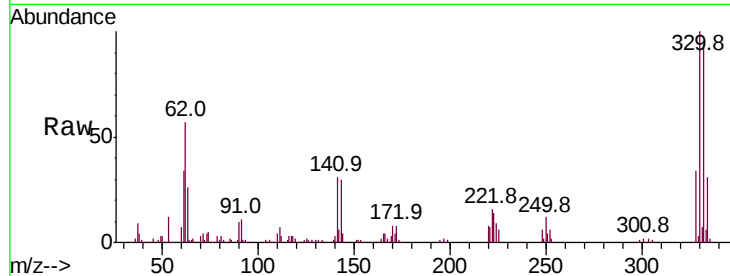




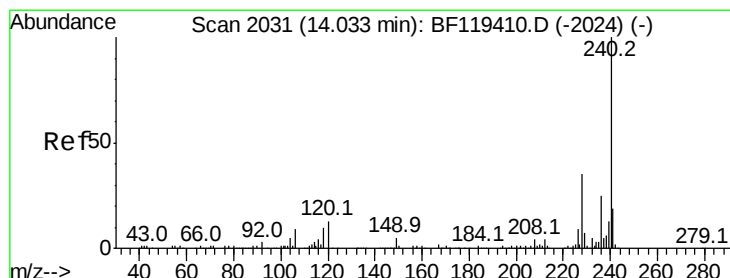
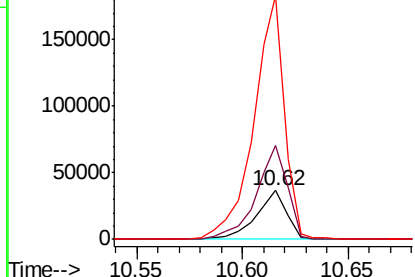
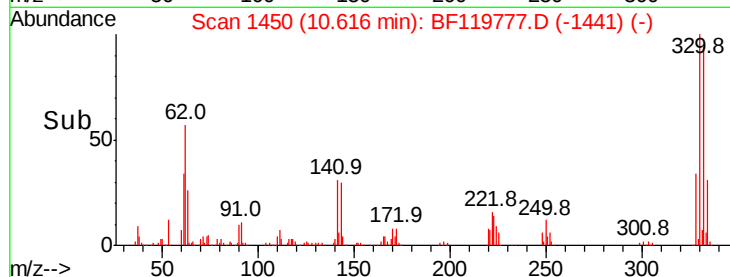
#67
4-Bromophenyl-phenylether
Concen: 4.655 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF119777.D
Acq: 6 Apr 2020 17:39

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tot Ion:248 Resp: 36623
Ion Ratio Lower Upper
248 100
250 193.0 77.3 115.9#
141 501.3 58.6 87.8#

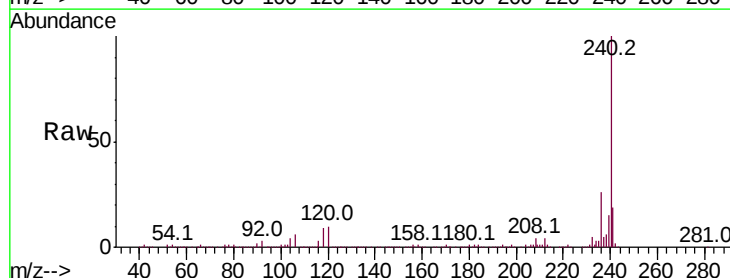


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

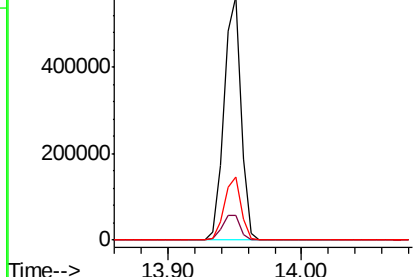
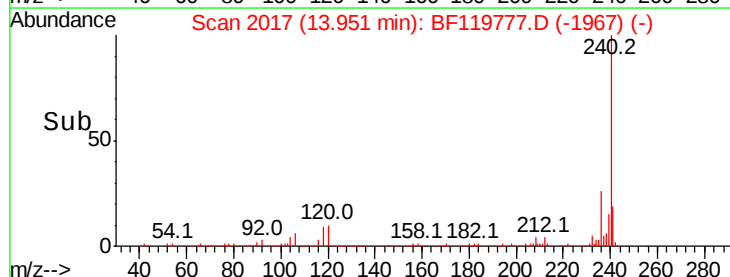


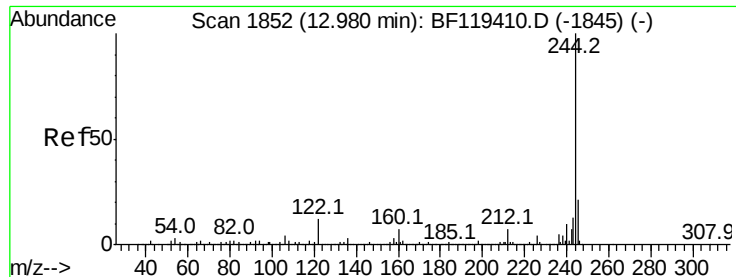
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119777.D
Acq: 6 Apr 2020 17:39

Tgt Ion:240 Resp: 512456
Ion Ratio Lower Upper
240 100
120 10.0 10.6 15.8#
236 26.2 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: 104.441 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

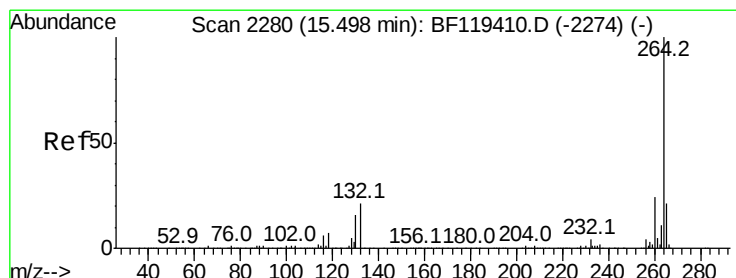
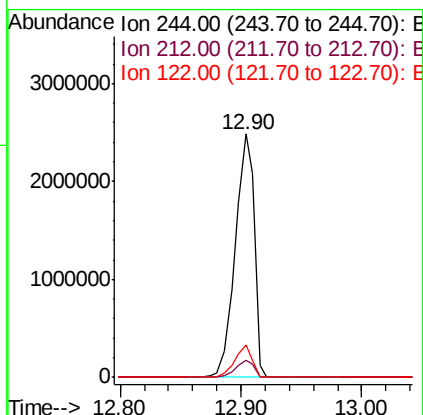
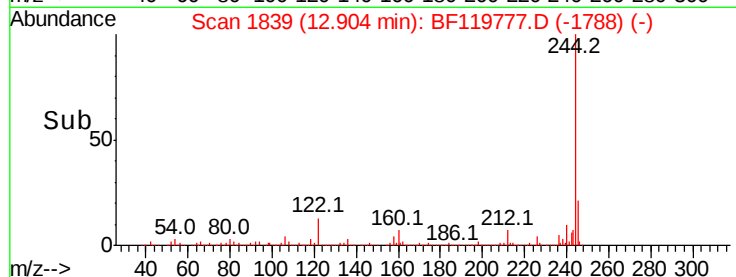
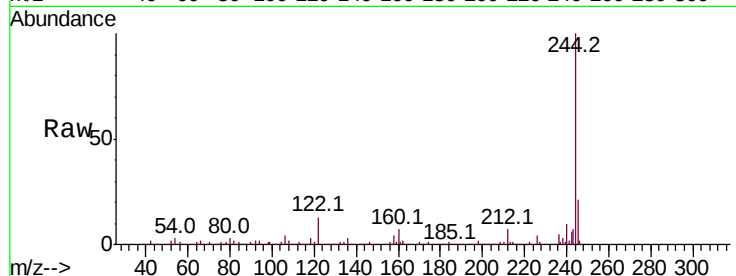
Tot Ion:244 Resp: 2731792

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 13.2 10.3 15.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

Tgt Ion:264 Resp: 498572

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.4 17.7 26.5

