

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119679.D
 Acq On : 1 Apr 2020 17:15
 Operator : MA/SJ
 Sample : L2072-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MECHANIC-BUS-LIFT

Quant Time: Apr 02 00:07:58 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

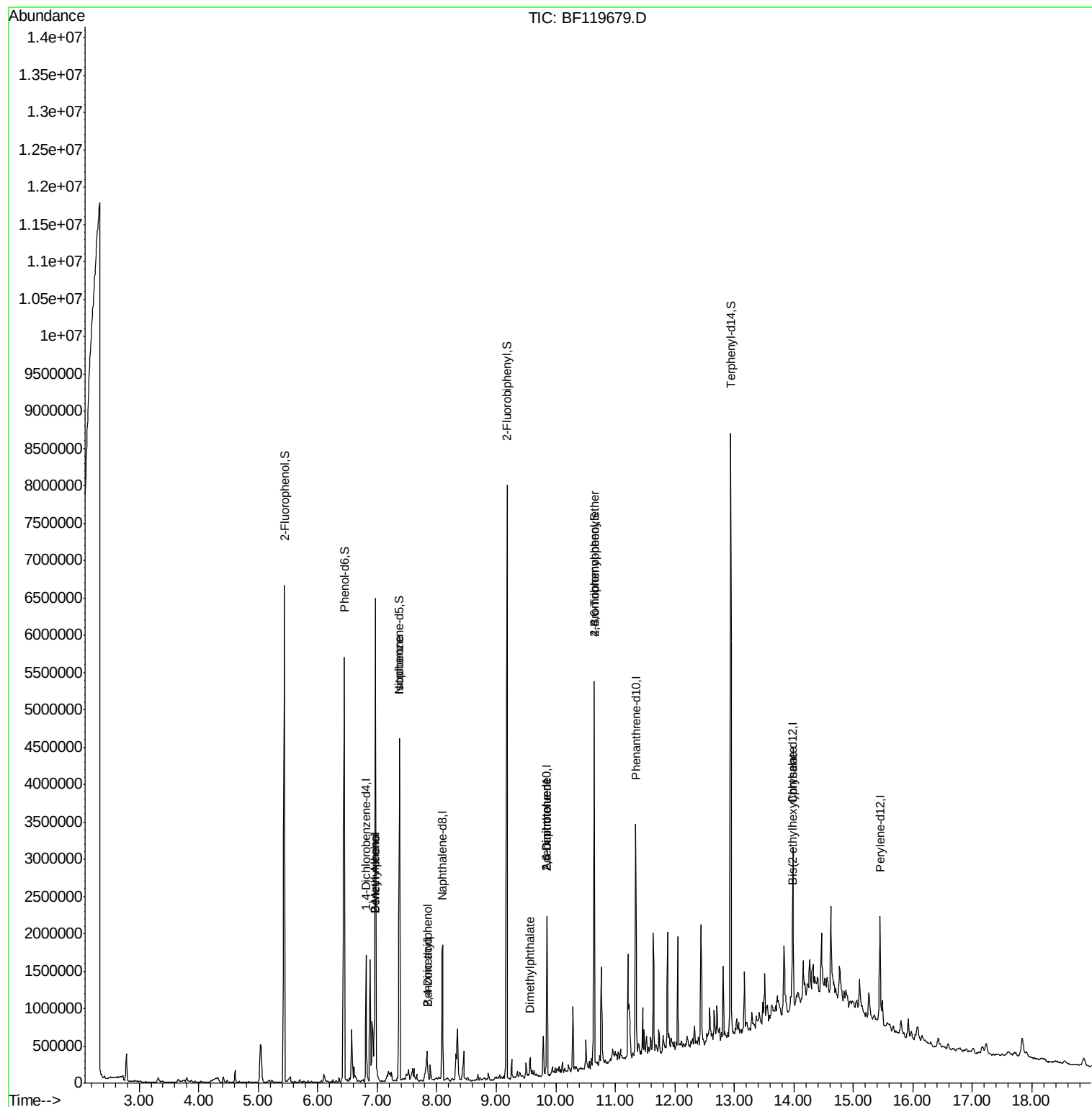
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	240483	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	910052	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	469318	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	869658	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	696107	20.00	ng	-0.01
87) Perylene-d12	15.44	264	659720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2008339	132.94	ng	0.02
7) Phenol-d6	6.45	99	2383397	123.51	ng	0.00
23) Nitrobenzene-d5	7.37	82	1714397	102.38	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	759482	156.86	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3026229	95.53	ng	0.00
79) Terphenyl-d14	12.94	244	3521707	99.12	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.95	79	150877	10.39	ng	99
17) 2-Methylphenol	6.95	107	66536	4.58	ng	# 20
25) Isophorone	7.37	82	1709863	50.34	ng	# 65
27) 2,4-Dimethylphenol	7.84	122	111745	7.67	ng	# 6
32) Benzoic acid	7.84	122	111745	11.92	ng	93
50) Dimethylphthalate	9.57	163	81980	2.46	ng	99
51) 2,6-Dinitrotoluene	9.85	165	62889	8.80	ng	# 27
57) 2,4-Dinitrotoluene	9.85	165	62889	6.99	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	45351	4.58	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.97	149	134792	4.89	ng	97

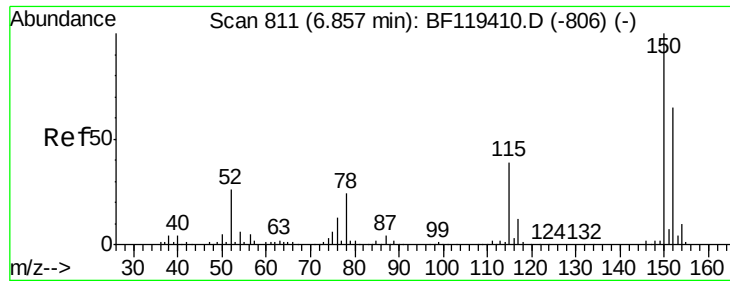
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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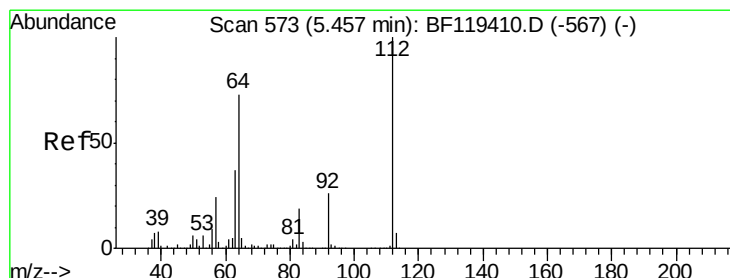
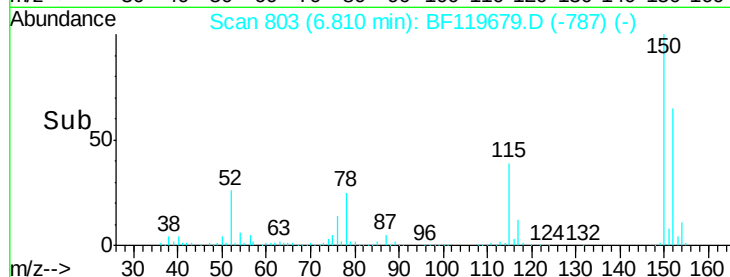
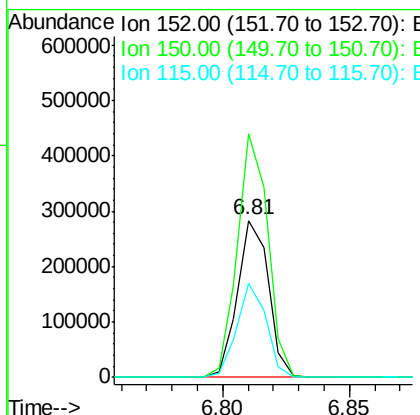
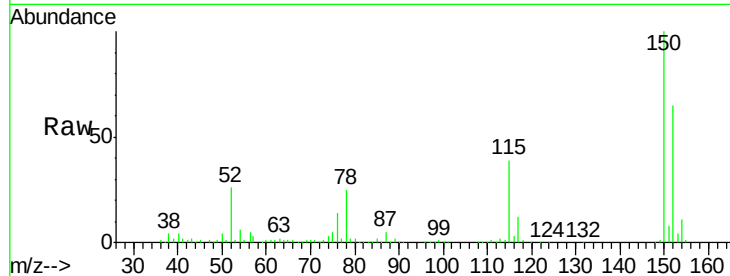




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF119679.D
 Acq: 1 Apr 2020 17:15

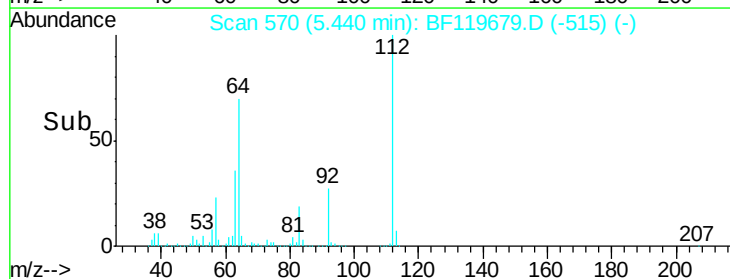
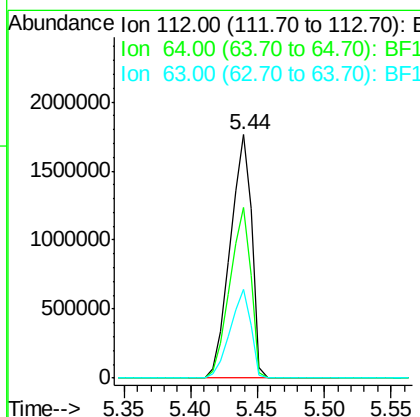
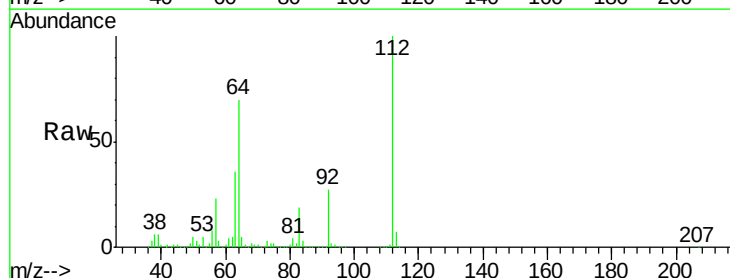
Instrument :
 BNA_F
 ClientSampleId :
 MECHANIC-BUS-LIFT

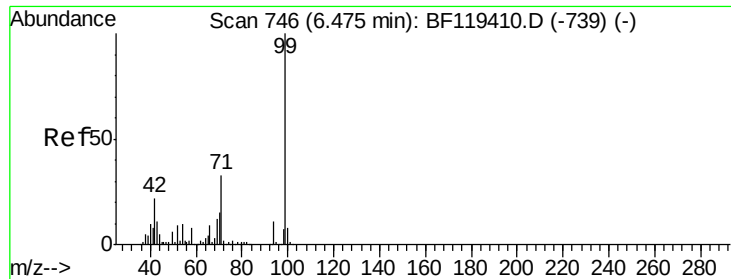
Tgt Ion:152 Resp: 240483
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.5 186.7
 115 60.0 49.6 74.4



#5
 2-Fluorophenol
 Concen: 132.94 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF119679.D
 Acq: 1 Apr 2020 17:15

Tgt Ion:112 Resp: 2008339
 Ion Ratio Lower Upper
 112 100
 64 70.2 56.7 85.1
 63 36.4 29.5 44.3





#7

Phenol-d6

Concen: 123.51 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119679.D

Acq: 1 Apr 2020 17:15

Instrument :

BNA_F

ClientSampleId :

MECHANIC-BUS-LIFT

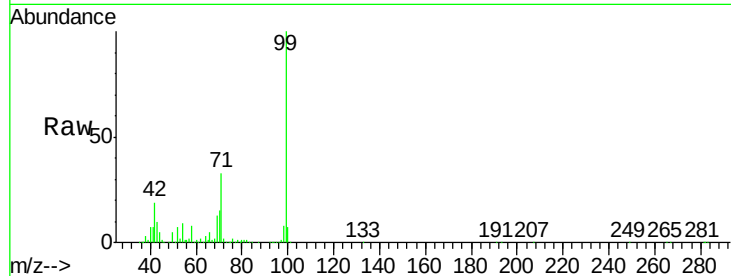
Tgt Ion: 99 Resp: 2383397

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

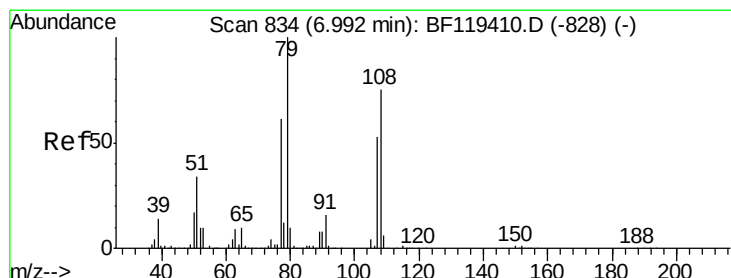
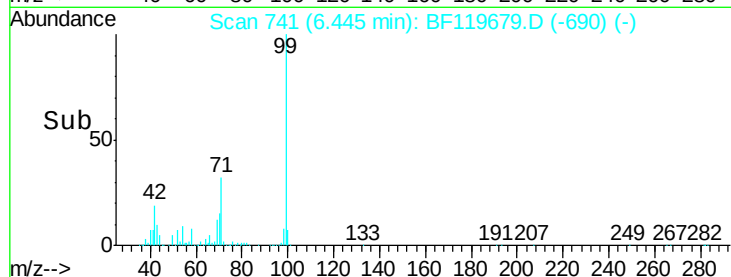
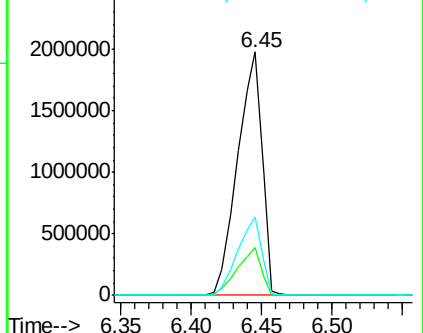
71 32.5 26.4 39.6



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: 10.39 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF119679.D

Acq: 1 Apr 2020 17:15

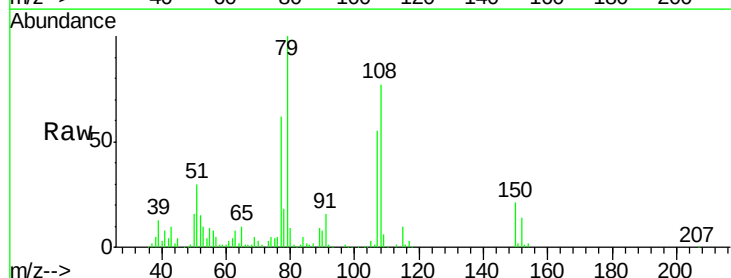
Tgt Ion: 79 Resp: 150877

Ion Ratio Lower Upper

79 100

108 77.1 60.6 90.8

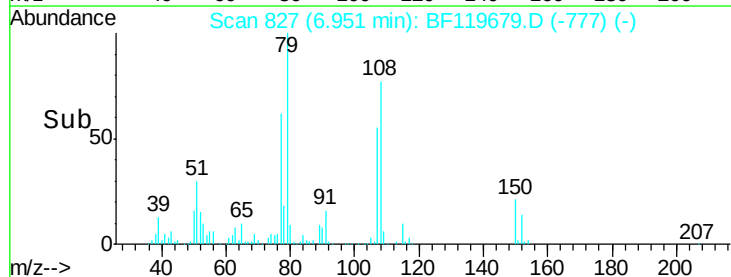
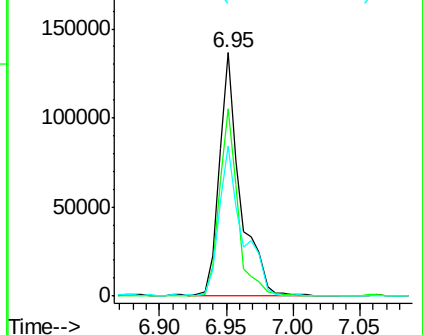
77 61.8 50.2 75.2

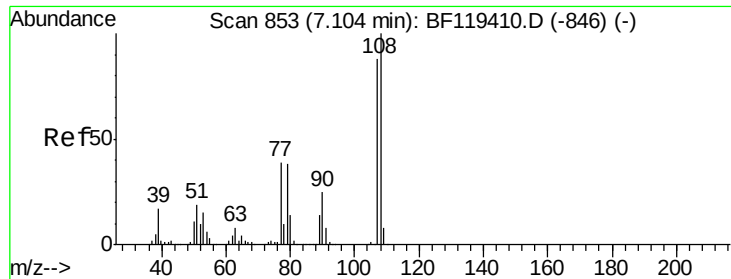


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

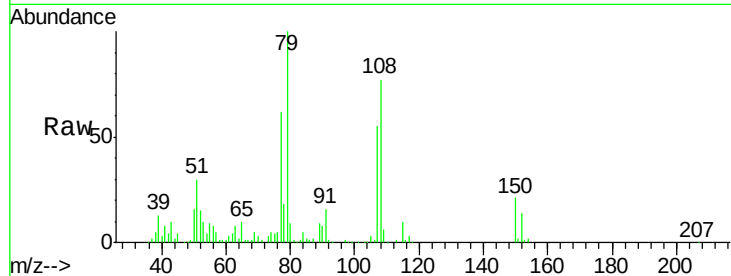




#17
2-Methylphenol
Concen: 4.58 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.12 min
Lab File: BF119679.D
Acq: 1 Apr 2020 17:15

Instrument :
BNA_F
ClientSampleId :
MECHANIC-BUS-LIFT

Tgt Ion	Ratio	Lower	Upper
107	100		
108	139.5	92.2	138.4#
77	111.7	36.6	54.8#
79	180.8	36.2	54.4#



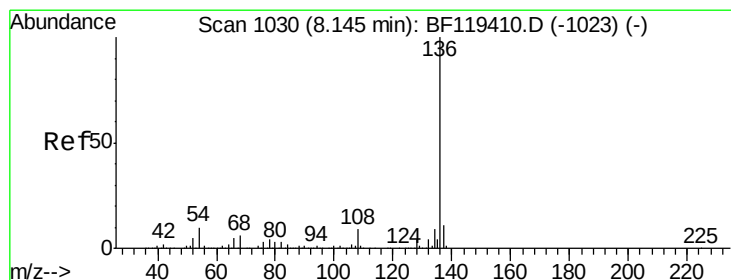
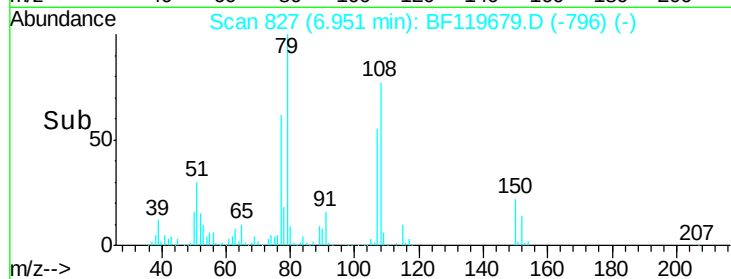
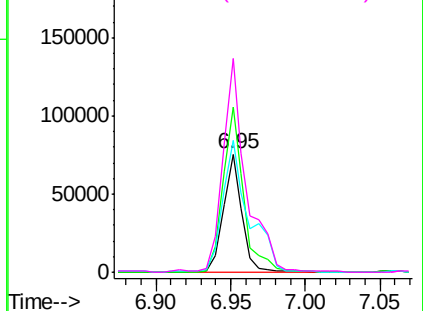
Abundance

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



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119679.D
Acq: 1 Apr 2020 17:15

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.7	9.1	13.7
68	5.5	4.6	6.8

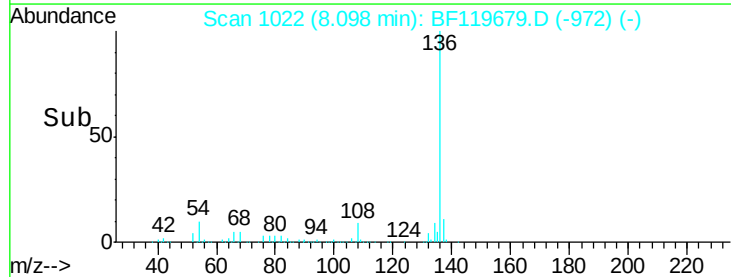
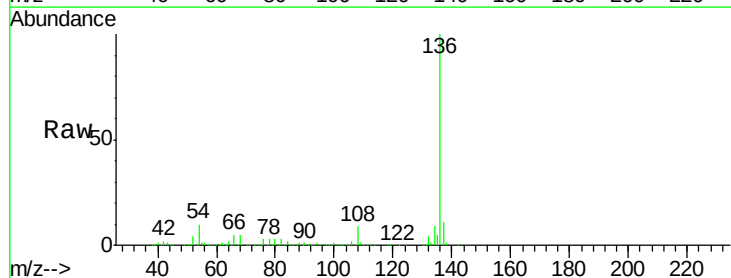
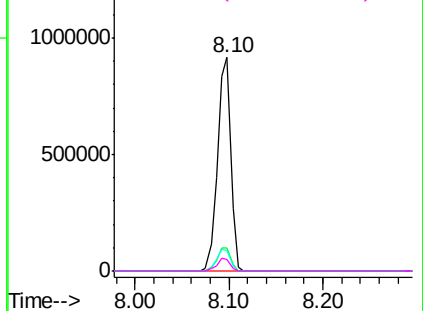
Abundance

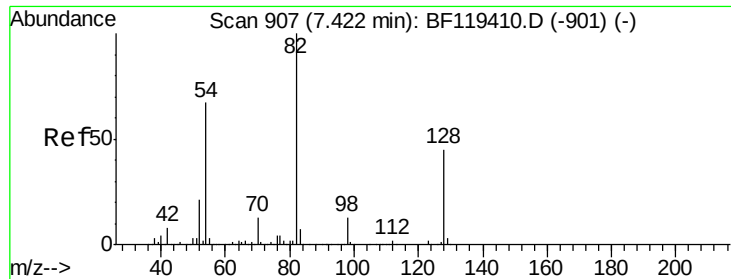
Ion 136.00 (135.70 to 136.70): E

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

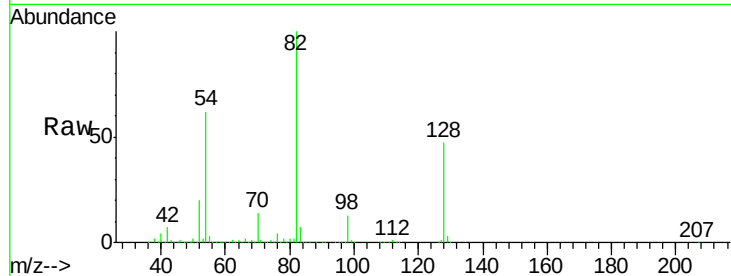




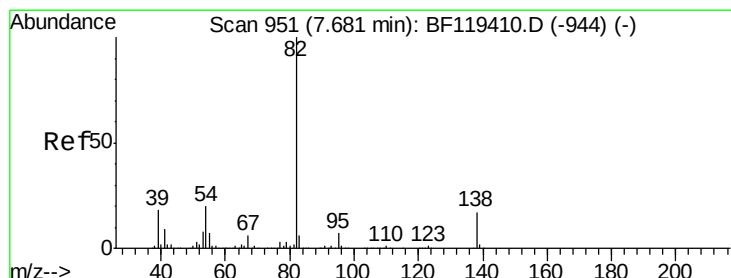
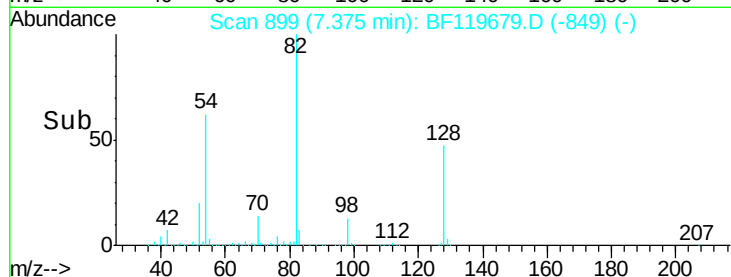
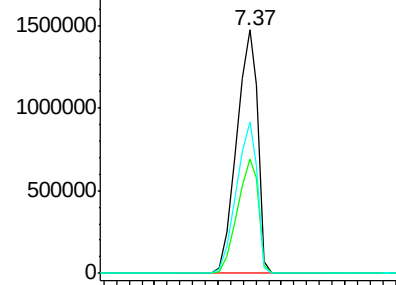
#23
 Nitrobenzene-d5
 Concen: 102.38 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119679.D
 Acq: 1 Apr 2020 17:15

Instrument :
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 ClientSampleId :
 MECHANIC-BUS-LIFT

Tgt Ion: 82 Resp: 1714397
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.3 54.5
 54 62.2 50.6 75.8

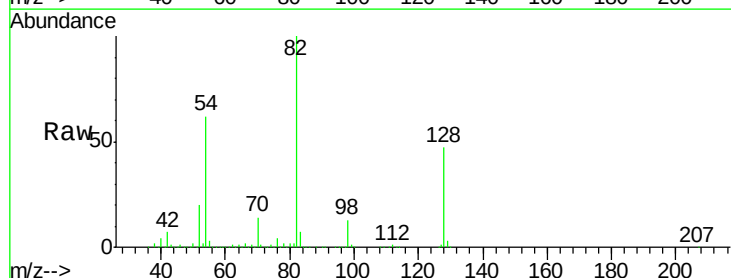


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

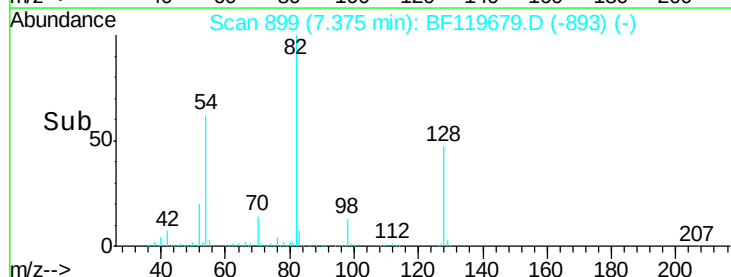
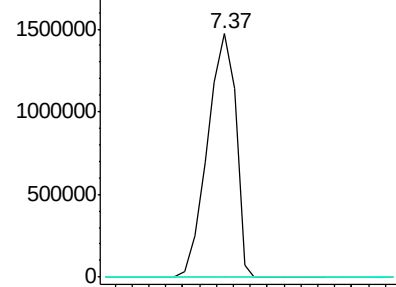


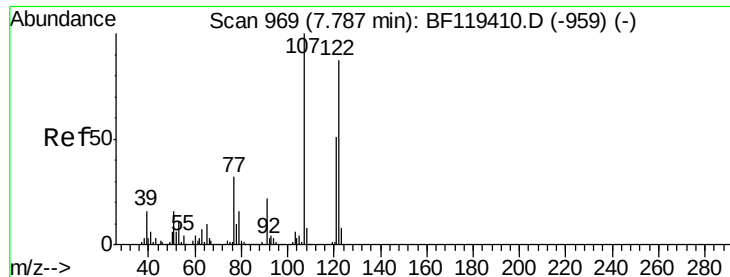
#25
 Isophorone
 Concen: 50.34 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF119679.D
 Acq: 1 Apr 2020 17:15

Tgt Ion: 82 Resp: 1709863
 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

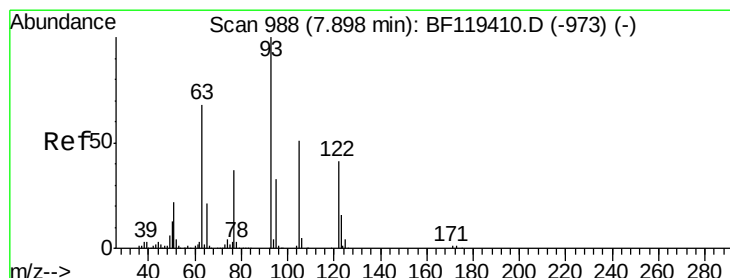
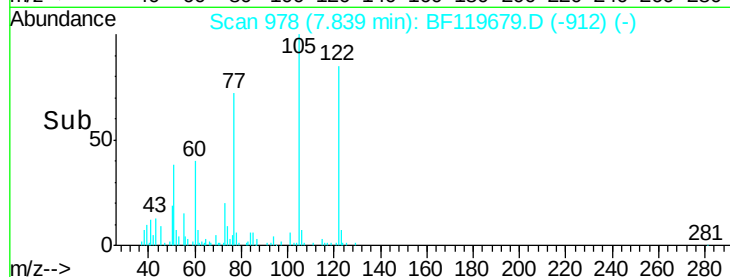
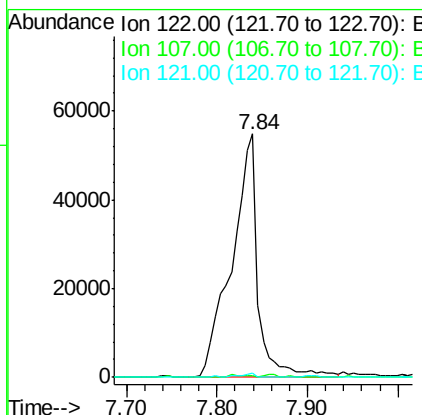
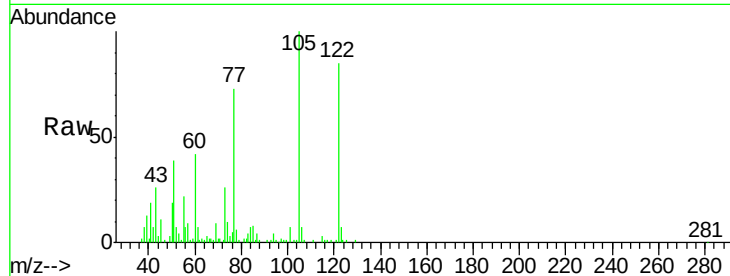




#27
2,4-Dimethylphenol
Concen: 7.67 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.09 min
Lab File: BF119679.D
Acq: 1 Apr 2020 17:15

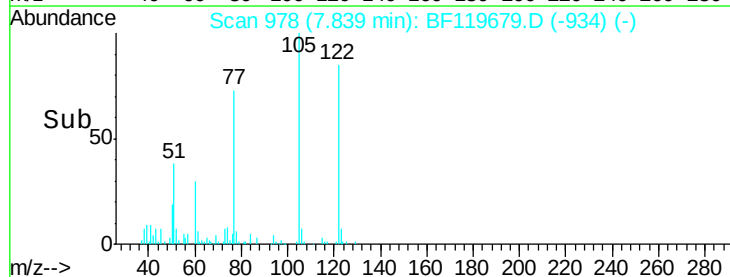
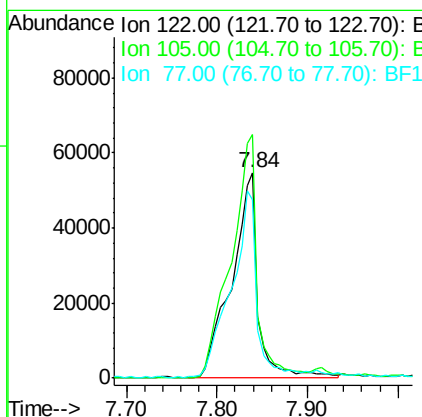
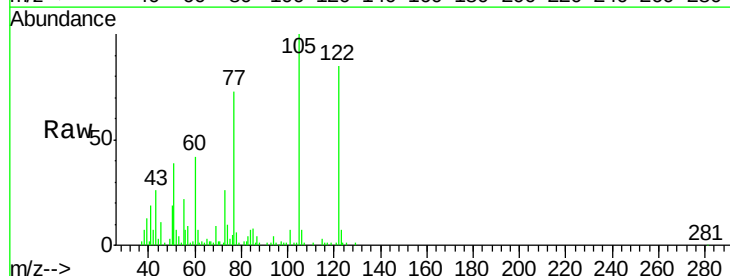
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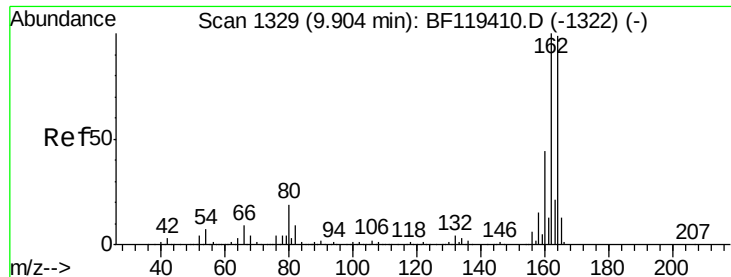
Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.8	89.0	133.6#
121	1.5	46.7	70.1#



#32
Benzoic acid
Concen: 11.92 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BF119679.D
Acq: 1 Apr 2020 17:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	104.9	144.9
77	86.4	74.4	114.4

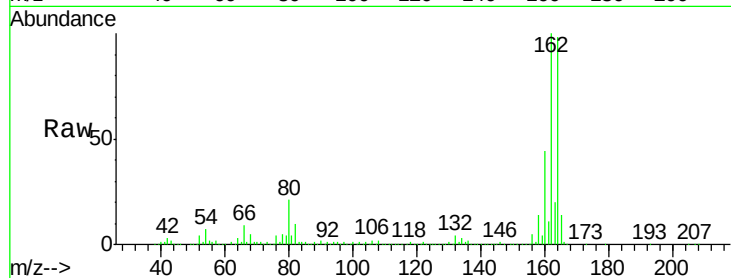




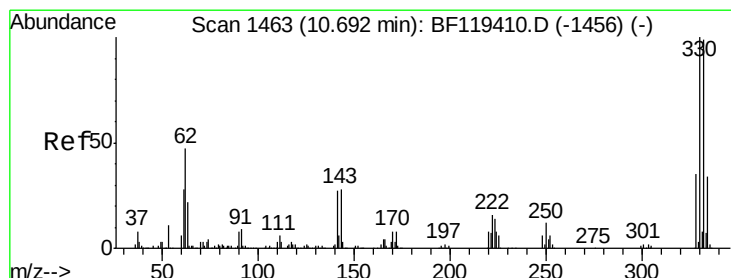
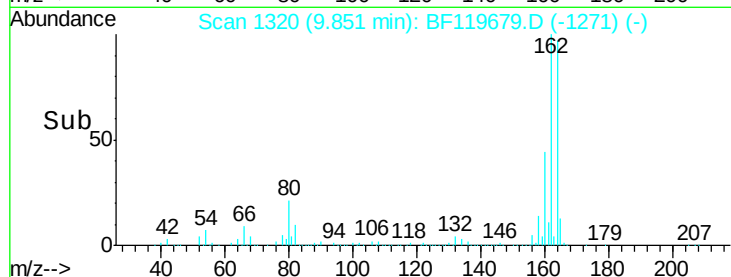
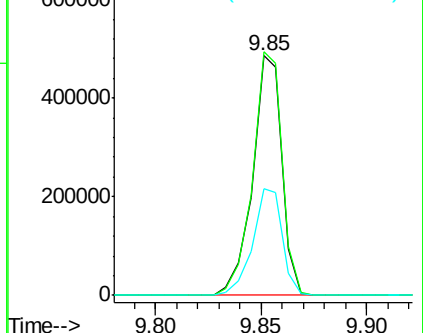
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119679.D
Acq: 1 Apr 2020 17:15

Instrument :
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ClientSampleId :
MECHANIC-BUS-LIFT

Tgt Ion:164 Resp: 469318
Ion Ratio Lower Upper
164 100
162 101.6 80.6 121.0
160 44.5 35.7 53.5

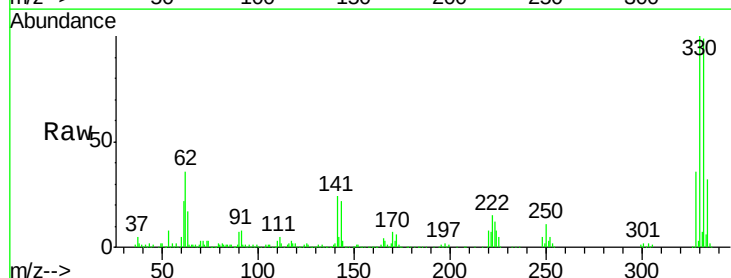


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

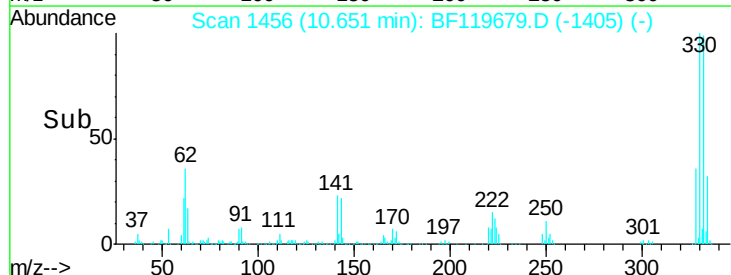
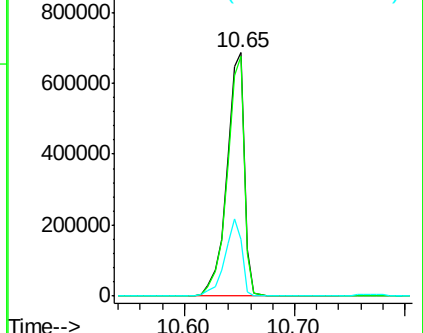


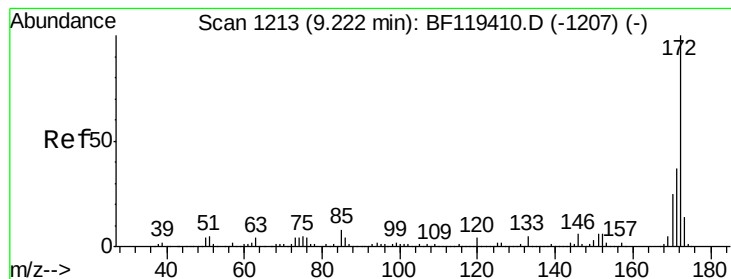
#42
2,4,6-Tribromophenol
Concen: 156.86 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF119679.D
Acq: 1 Apr 2020 17:15

Tgt Ion:330 Resp: 759482
Ion Ratio Lower Upper
330 100
332 96.6 75.7 113.5
141 30.7 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: 95.53 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF119679.D

Acq: 1 Apr 2020 17:15

Instrument :

BNA_F

ClientSampleId :

MECHANIC-BUS-LIFT

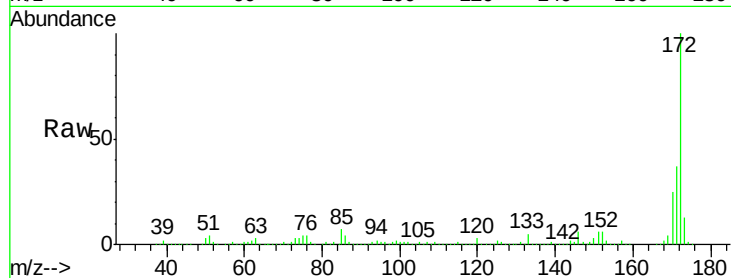
Tgt Ion:172 Resp: 3026229

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

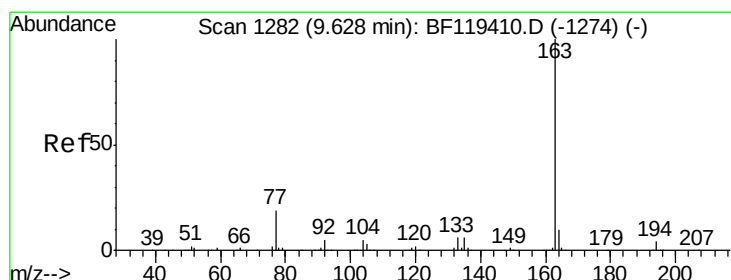
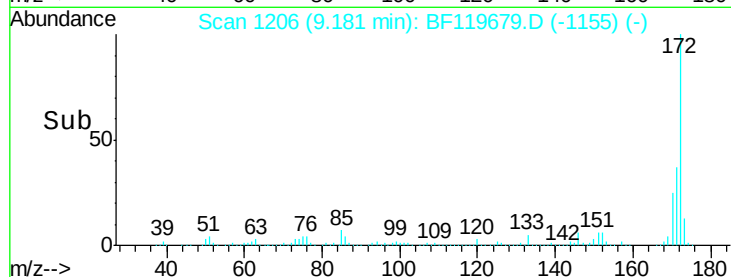
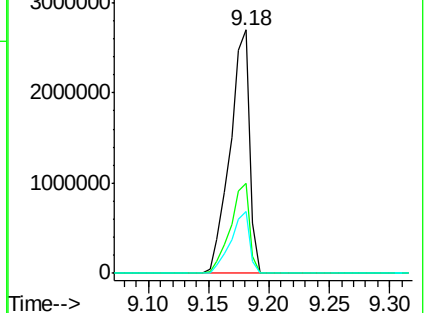
170 25.3 20.2 30.2



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: 2.46 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF119679.D

Acq: 1 Apr 2020 17:15

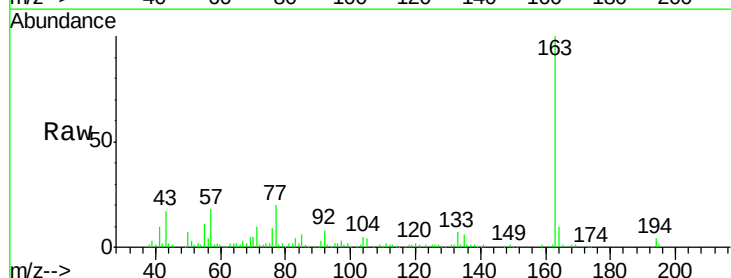
Tgt Ion:163 Resp: 81980

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

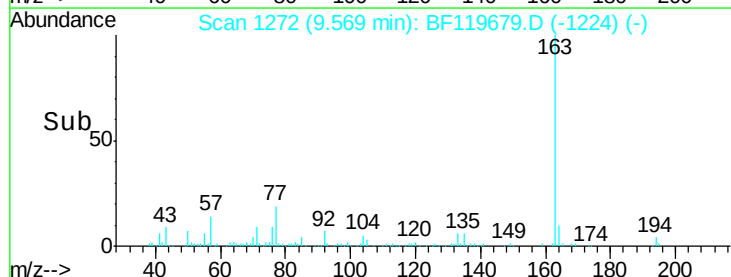
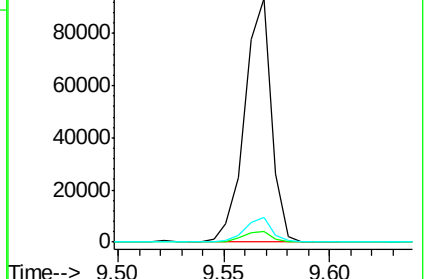
164 10.0 8.2 12.2

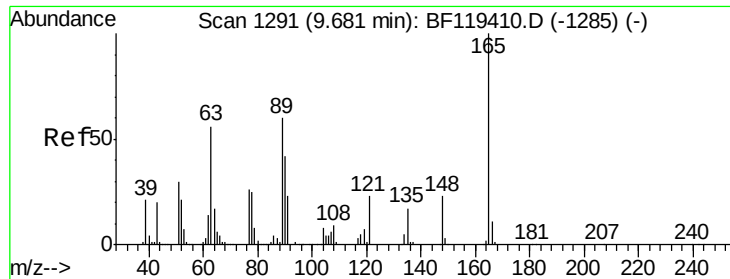


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

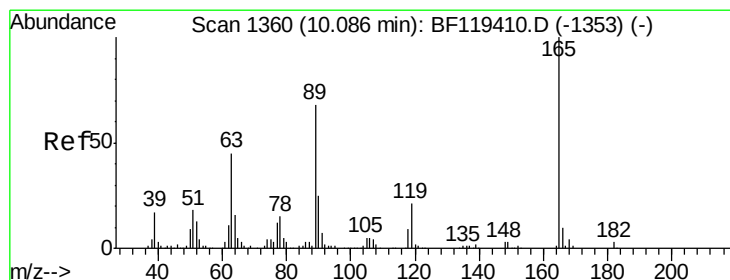
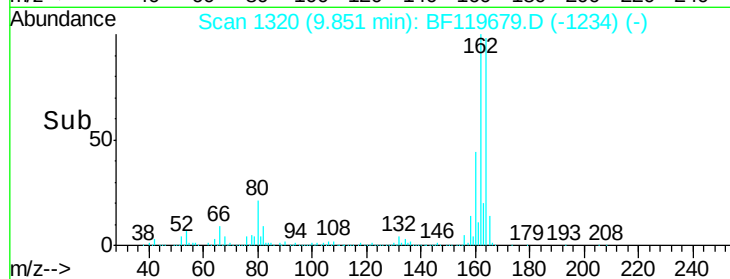
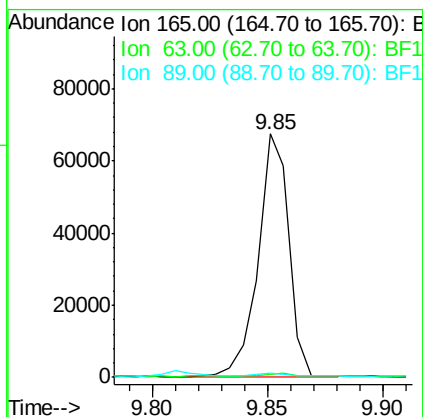
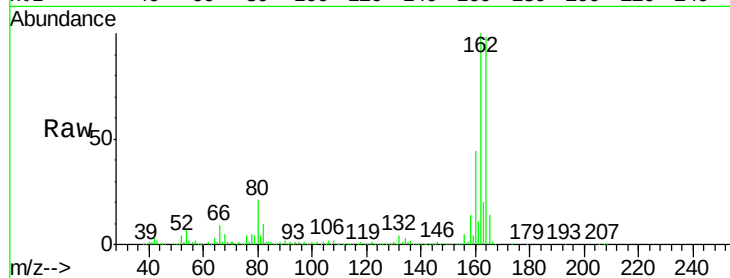




#51
 2,6-Dinitrotoluene
 Concen: 8.80 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF119679.D
 Acq: 1 Apr 2020 17:15

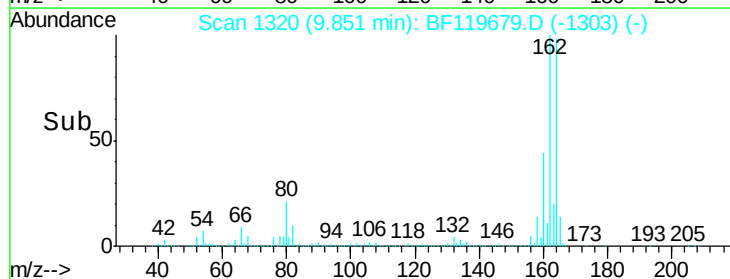
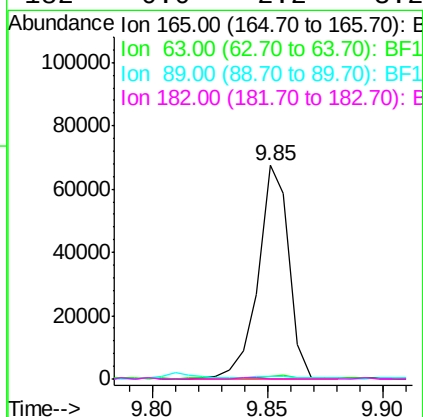
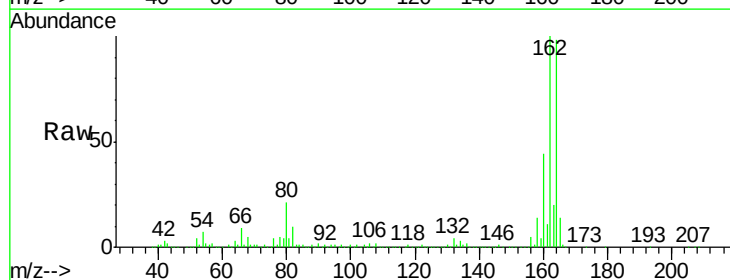
Instrument :
 BNA_F
 ClientSampleId :
 MECHANIC-BUS-LIFT

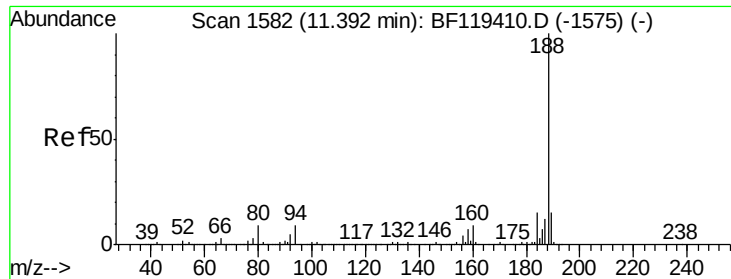
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.0	67.4#
89	1.5	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.99 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.20 min
 Lab File: BF119679.D
 Acq: 1 Apr 2020 17:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	1.5	61.0	91.4#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119679.D

Acq: 1 Apr 2020 17:15

Instrument :

BNA_F

ClientSampleId :

MECHANIC-BUS-LIFT

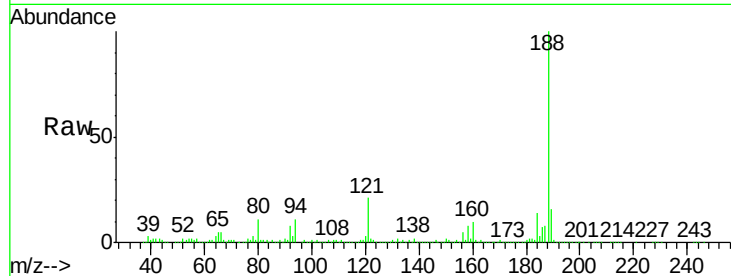
Tgt Ion:188 Resp: 869658

Ion Ratio Lower Upper

188 100

94 11.1 7.5 11.3

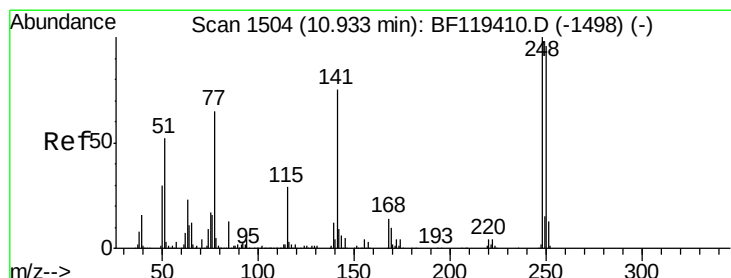
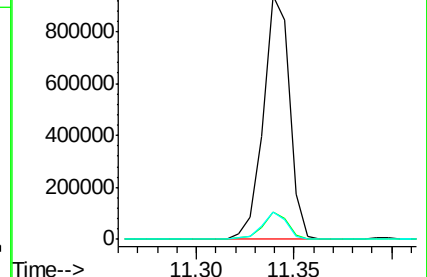
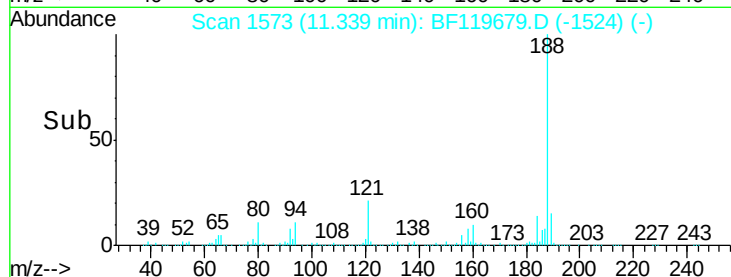
80 11.2 9.0 13.4



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: 4.58 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.25 min

Lab File: BF119679.D

Acq: 1 Apr 2020 17:15

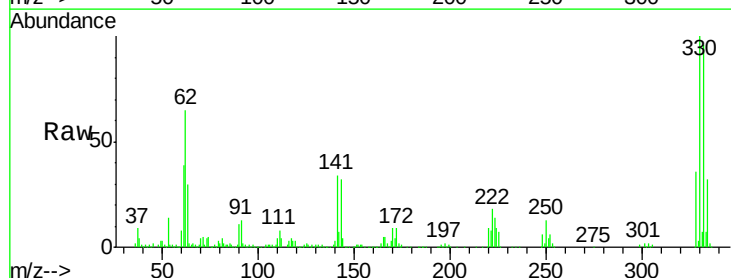
Tgt Ion:248 Resp: 45351

Ion Ratio Lower Upper

248 100

250 202.0 77.3 115.9#

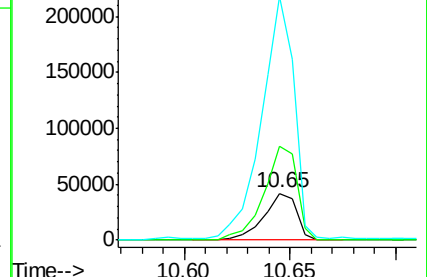
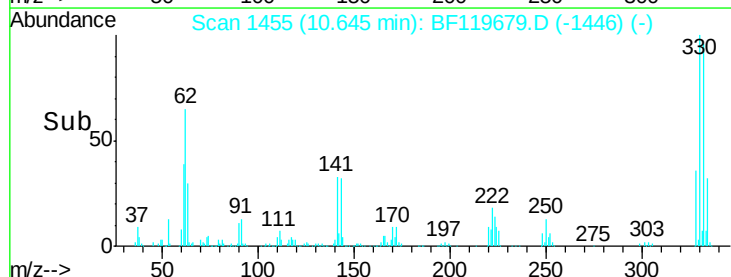
141 520.3 58.6 87.8#

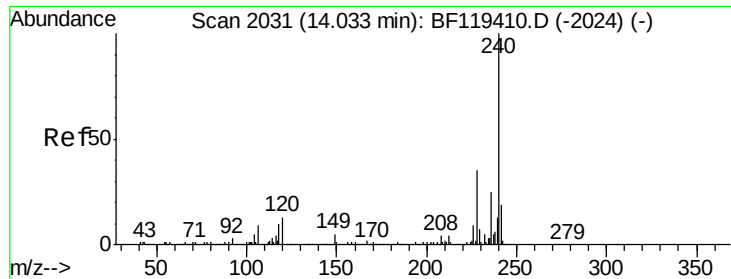


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

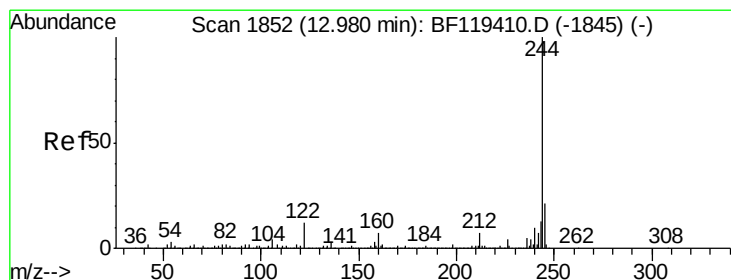
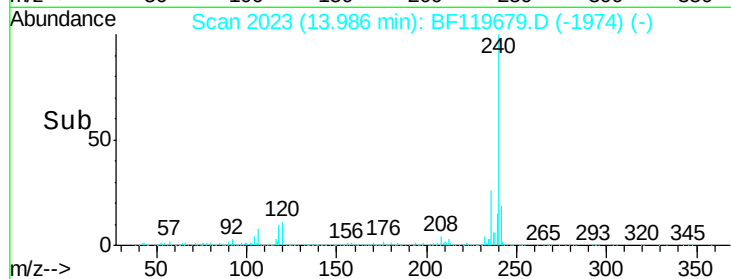
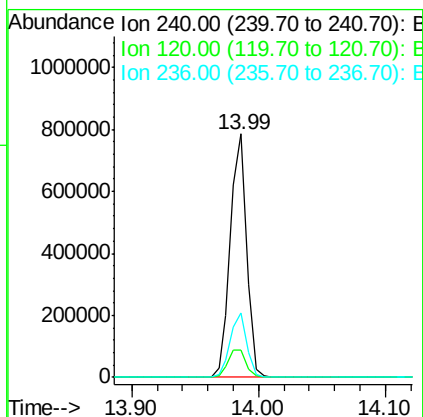
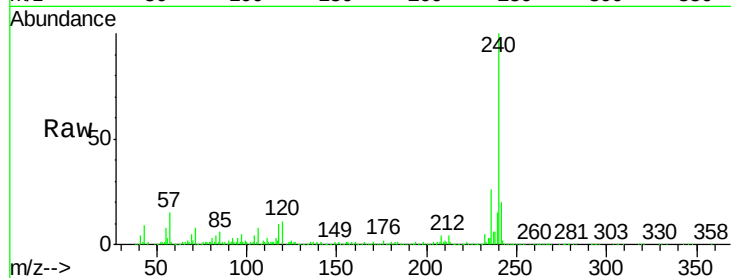




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF119679.D
Acq: 1 Apr 2020 17:15

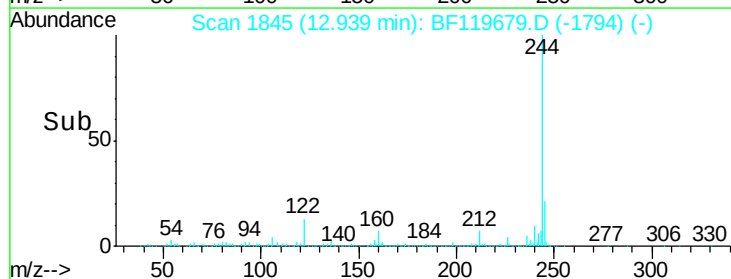
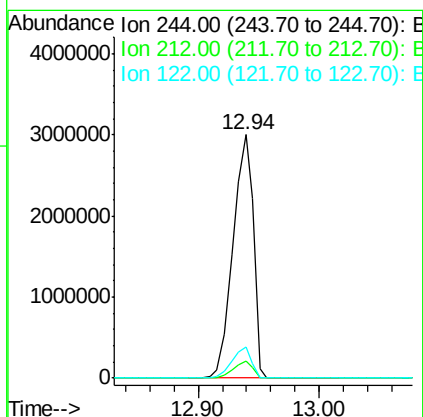
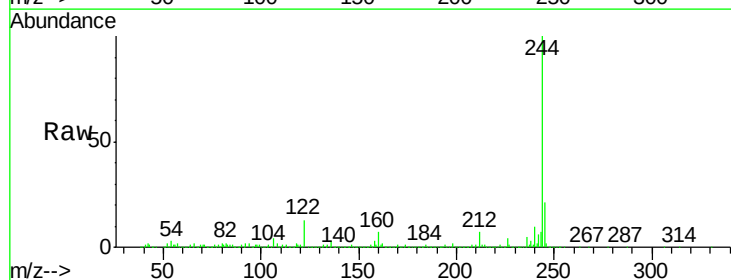
Instrument :
BNA_F
ClientSampleId :
MECHANIC-BUS-LIFT

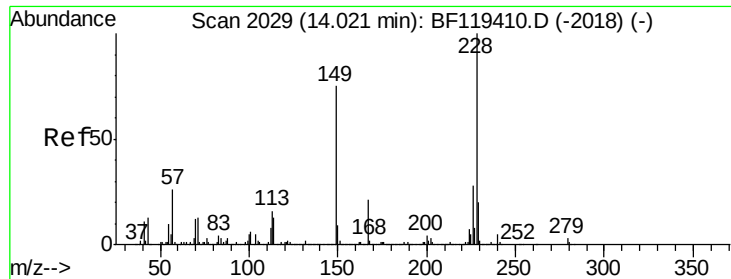
Tgt Ion:240 Resp: 696107
Ion Ratio Lower Upper
240 100
120 11.2 10.6 15.8
236 26.2 20.2 30.2



#79
Terphenyl-d14
Concen: 99.12 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF119679.D
Acq: 1 Apr 2020 17:15

Tgt Ion:244 Resp: 3521707
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 13.0 10.3 15.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.89 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF119679.D

Acq: 1 Apr 2020 17:15

Instrument :

BNA_F

ClientSampleId :

MECHANIC-BUS-LIFT

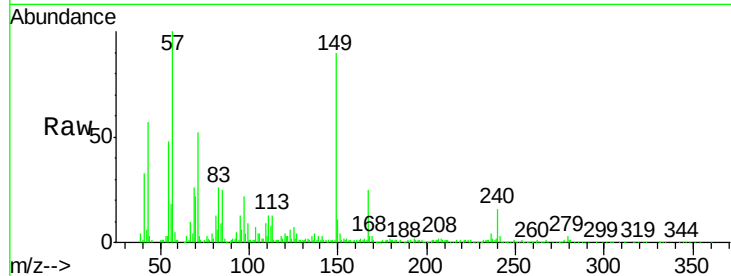
Tgt Ion:149 Resp: 134792

Ion Ratio Lower Upper

149 100

167 28.2 21.3 31.9

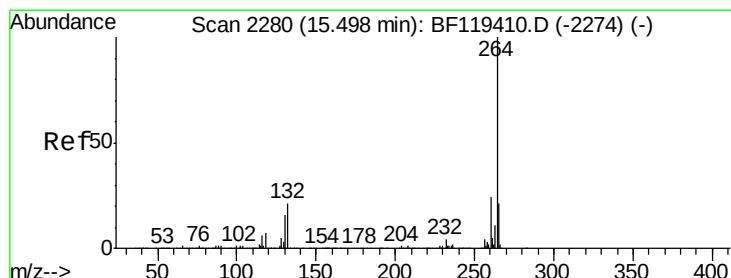
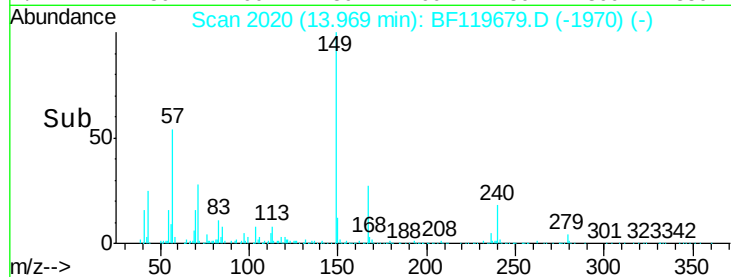
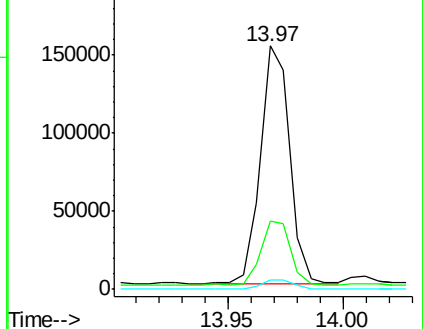
279 3.6 2.7 4.1



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



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF119679.D

Acq: 1 Apr 2020 17:15

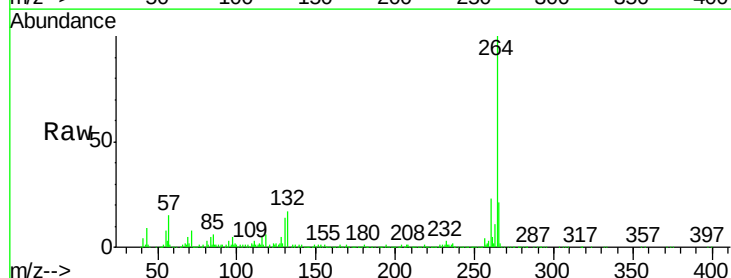
Tgt Ion:264 Resp: 659720

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.1 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

