

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119446.D
 Acq On : 19 Mar 2020 18:58
 Operator : CG/JU
 Sample : L1917-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 19:29:11 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

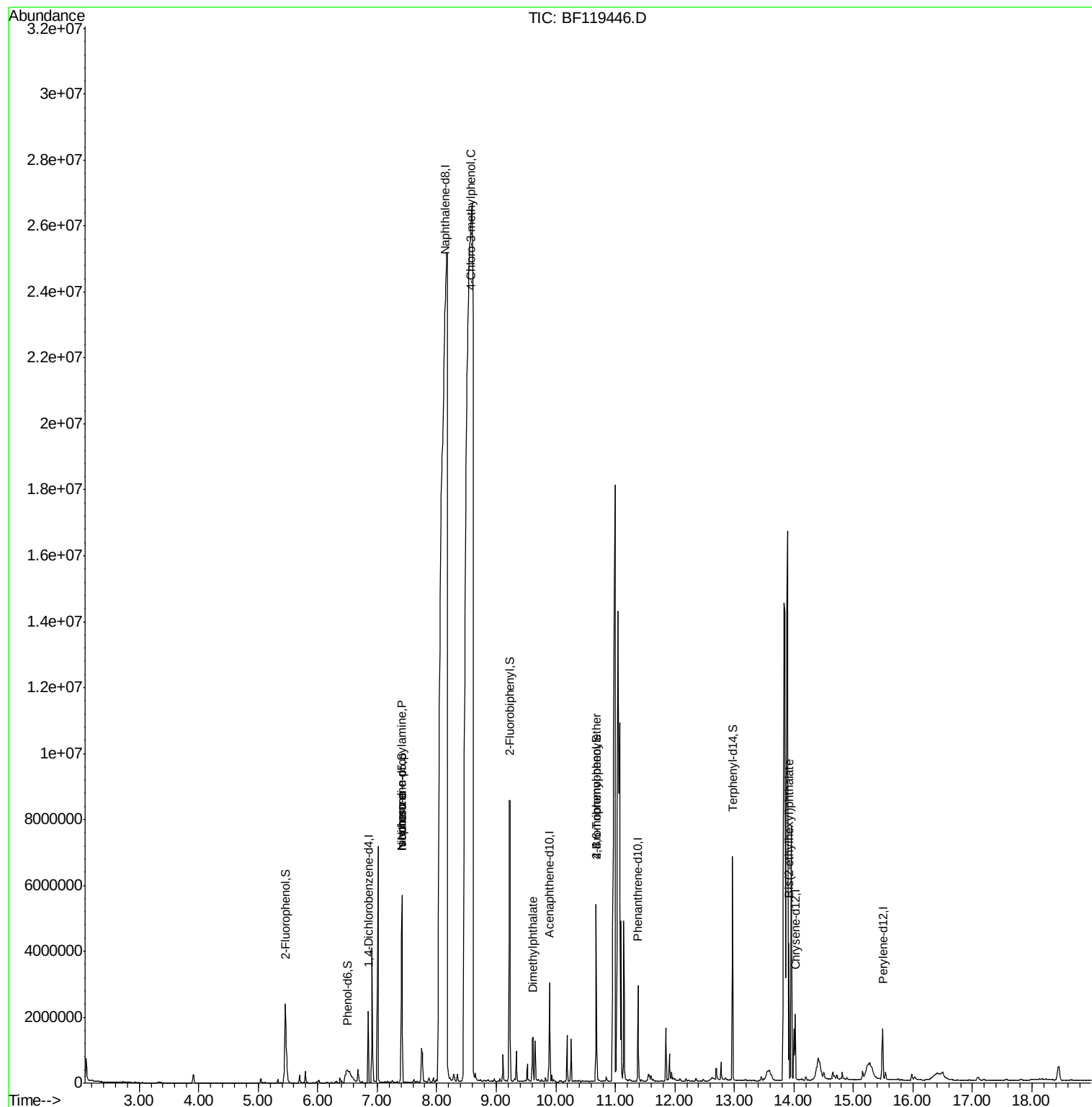
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	318679	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	461292	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	581074	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1050190	20.00	ng	0.00
76) Chrysene-d12	14.02	240	672113	20.00	ng	-0.01
87) Perylene-d12	15.49	264	705503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1183270	59.11	ng	0.00
7) Phenol-d6	6.49	99	916015	35.82	ng	0.01
23) Nitrobenzene-d5	7.42	82	1786086	210.43	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	692752	115.56	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2947564	75.15	ng	0.00
79) Terphenyl-d14	12.97	244	2601323	75.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	236083	15.316	ng	# 74
25) Isophorone	7.42	82	1775441	103.117	ng	# 66
36) 4-Chloro-3-methylphenol	8.56	107	2274358	306.666	ng	# 19
50) Dimethylphthalate	9.62	163	500092	12.116	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	43214	3.613	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.92	149	825141	31.026	ng	# 52

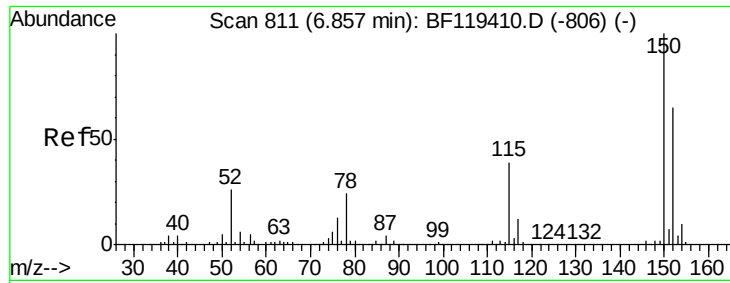
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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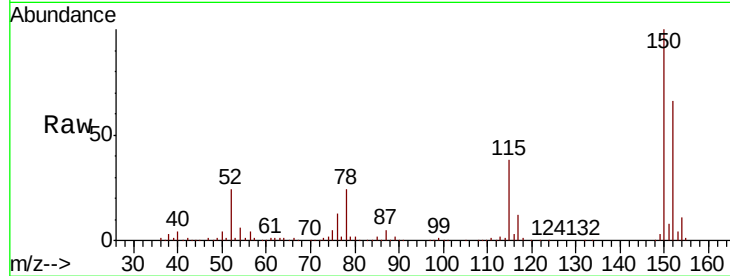


#1

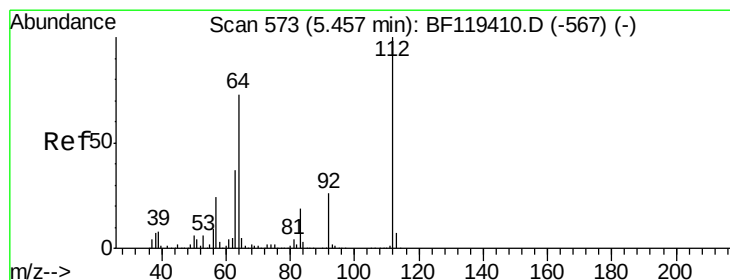
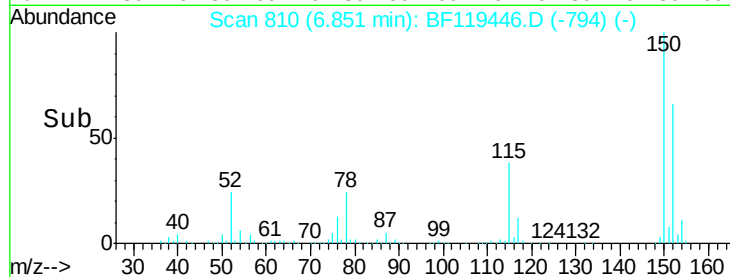
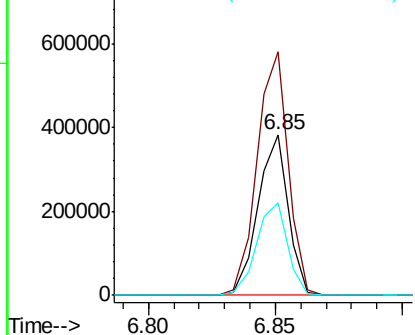
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119446.D
Acq: 19 Mar 2020 18:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 318679
Ion Ratio Lower Upper
152 100
150 151.7 123.9 185.9
115 57.4 47.8 71.6



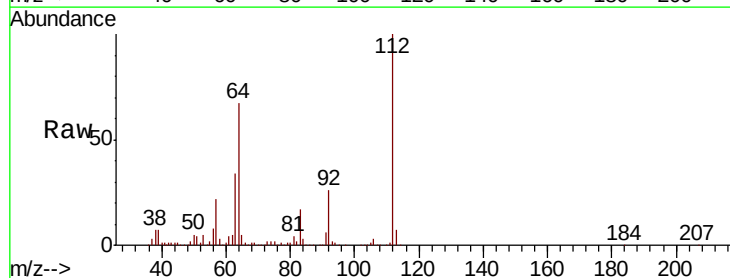
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



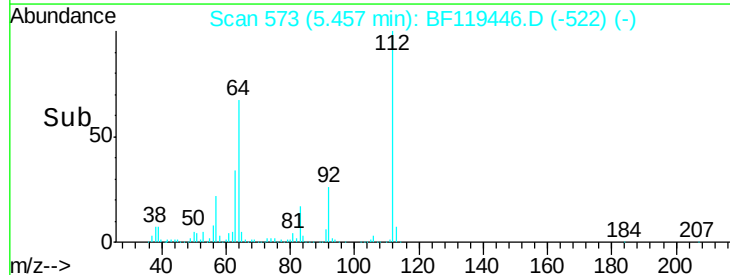
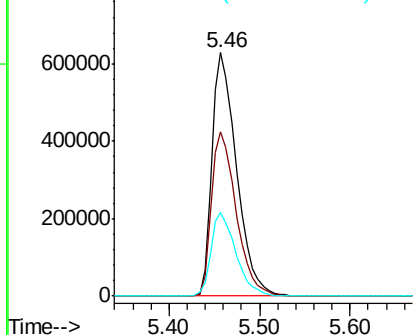
#5

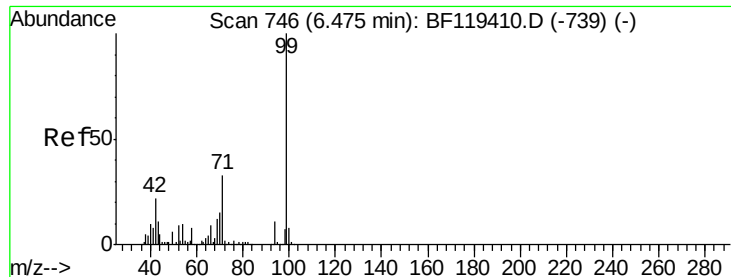
2-Fluorophenol
Concen: 59.108 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF119446.D
Acq: 19 Mar 2020 18:58

Tgt Ion:112 Resp: 1183270
Ion Ratio Lower Upper
112 100
64 67.4 58.1 87.1
63 34.1 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: 35.820 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF119446.D

Acq: 19 Mar 2020 18:58

Instrument :

BNA_N

ClientSampled :

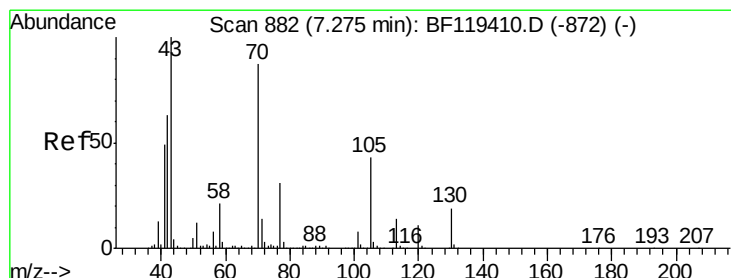
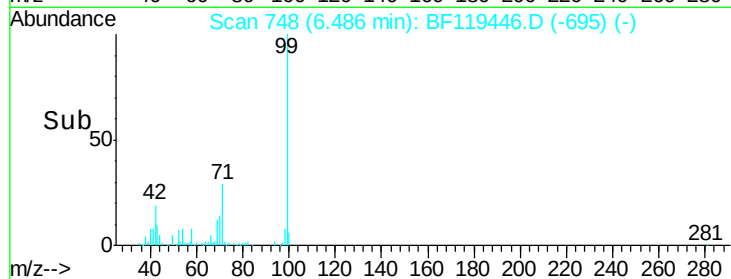
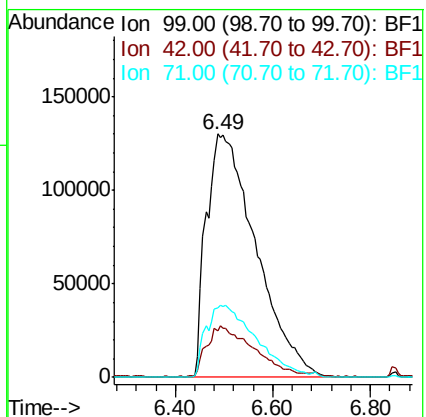
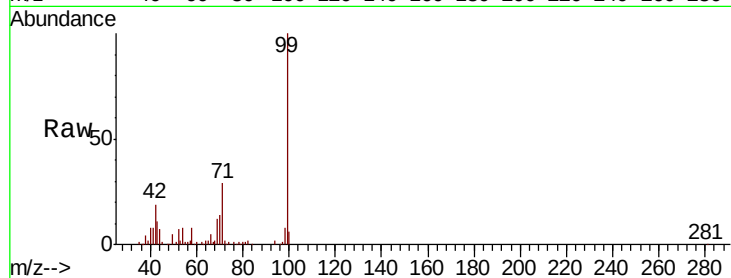
Tot Ion: 99 Resp: 916015

Ion Ratio Lower Upper

99 100

42 19.1 17.8 26.6

71 28.7 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.316 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF119446.D

Acq: 19 Mar 2020 18:58

Tgt Ion: 70 Resp: 236083

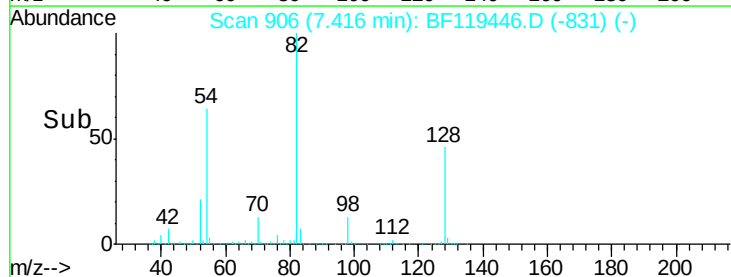
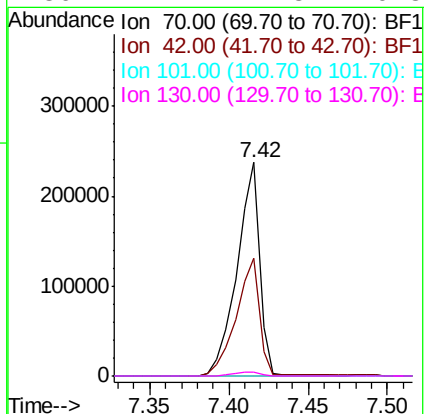
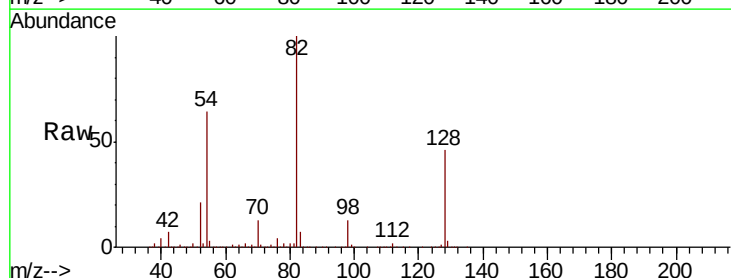
Ion Ratio Lower Upper

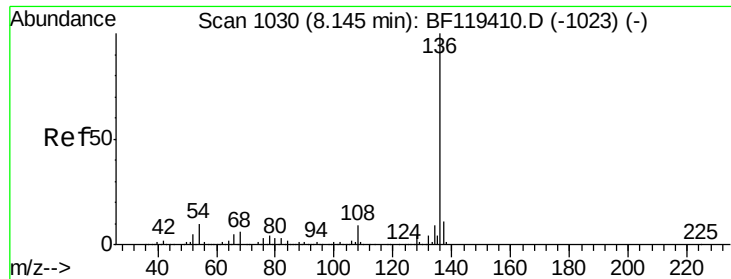
70 100

42 55.3 58.2 87.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.8#

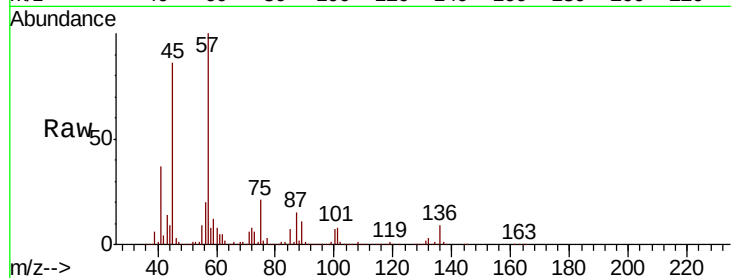




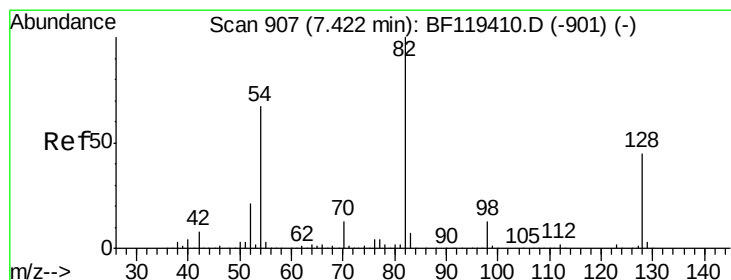
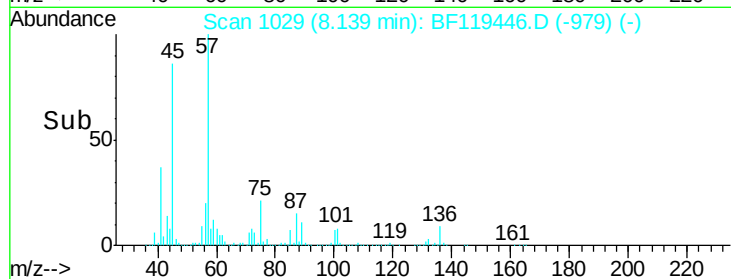
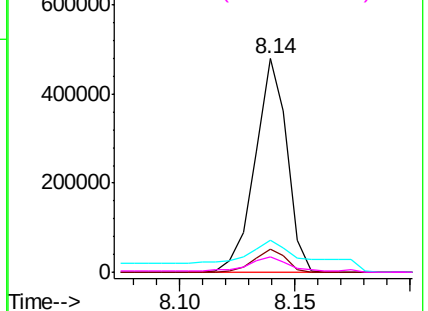
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119446.D
Acq: 19 Mar 2020 18:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	461292
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.4 12.6
54	15.2	8.3 12.5#
68	7.4	4.9 7.3#

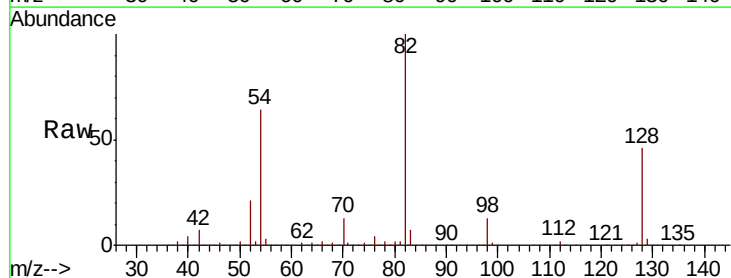


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

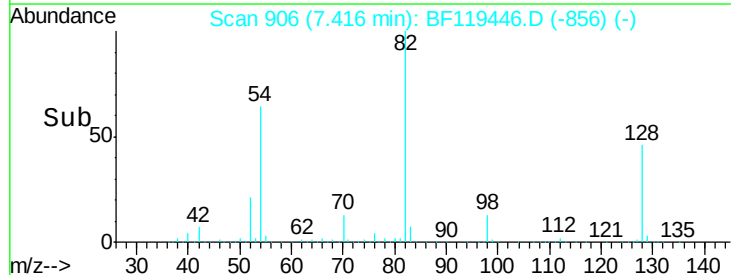
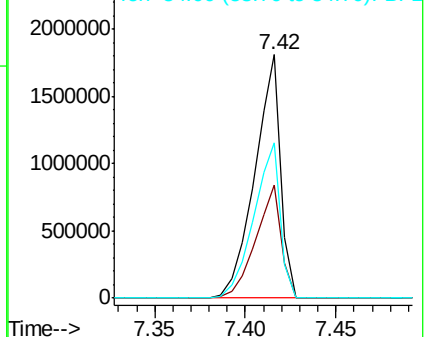


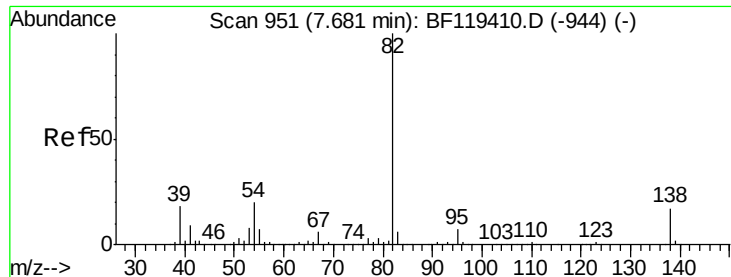
#23
Nitrobenzene-d5
Concen: 210.431 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119446.D
Acq: 19 Mar 2020 18:58

Tgt Ion: 82	Resp:	1786086
Ion	Ratio	Lower Upper
82	100	
128	46.3	35.8 53.8
54	64.0	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: 103.117 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF119446.D

Acq: 19 Mar 2020 18:58

Instrument :

BNA_N

ClientSampled :

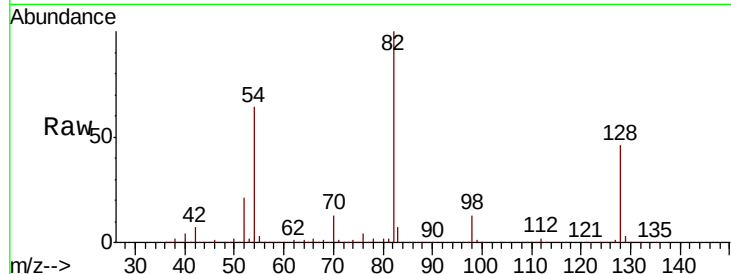
Tot Ion: 82 Resp: 1775441

Ion Ratio Lower Upper

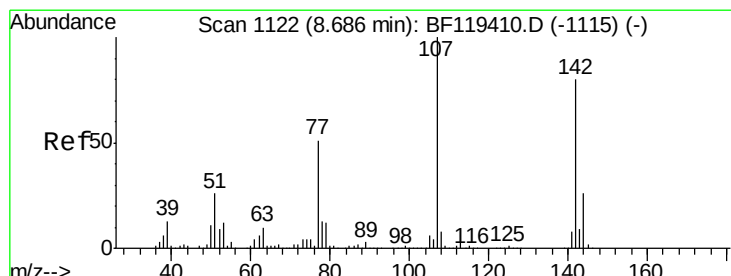
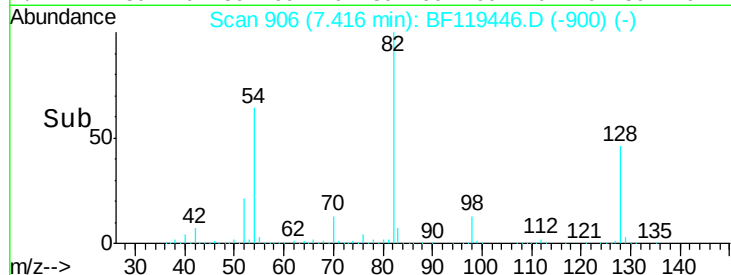
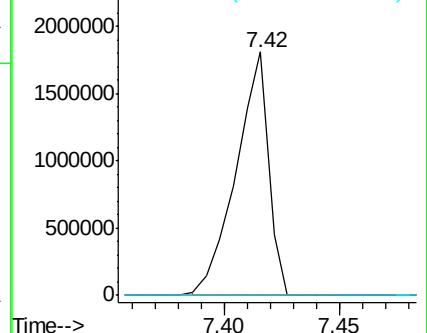
82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



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



#36

4-Chloro-3-methylphenol

Concen: 306.666 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.12 min

Lab File: BF119446.D

Acq: 19 Mar 2020 18:58

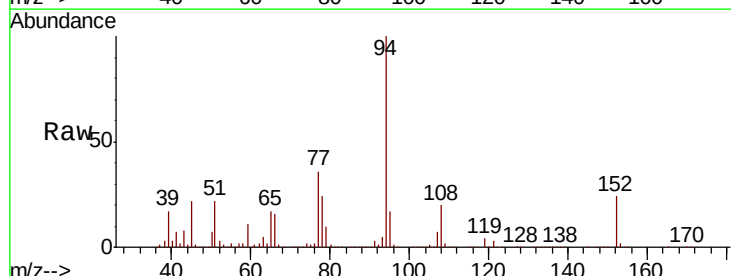
Tgt Ion: 107 Resp: 2274358

Ion Ratio Lower Upper

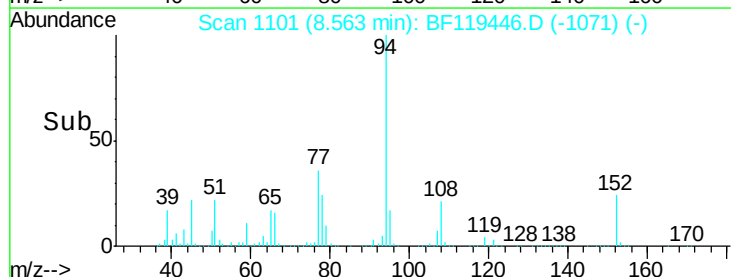
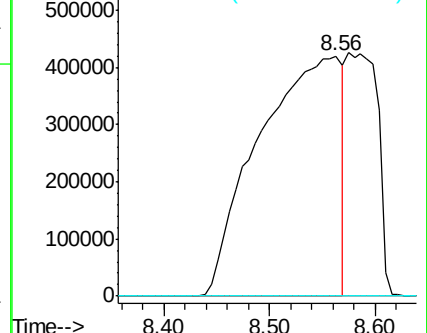
107 100

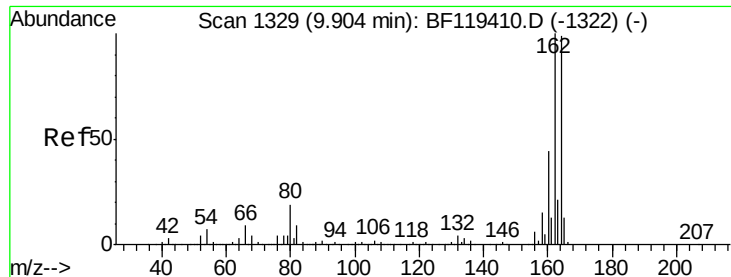
144 0.0 20.6 31.0#

142 0.0 63.8 95.6#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

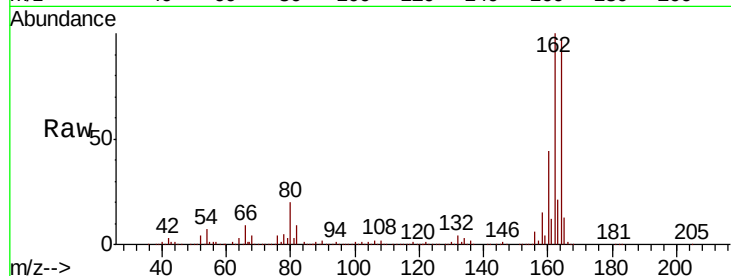




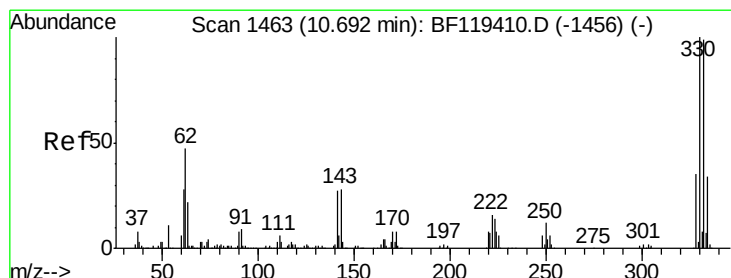
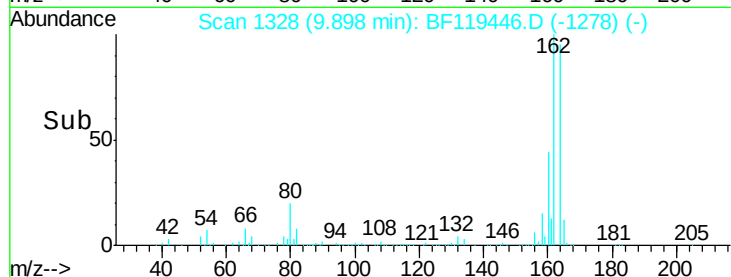
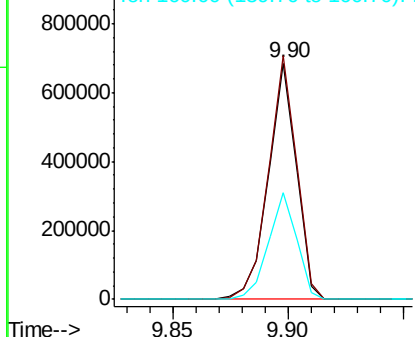
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF119446.D
 Acq: 19 Mar 2020 18:58

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:164 Resp: 581074
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.7 121.1
 160 44.8 35.5 53.3

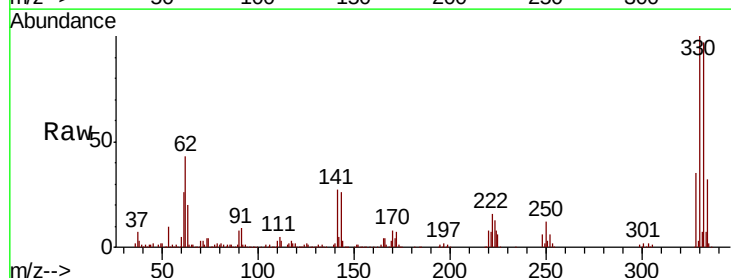


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

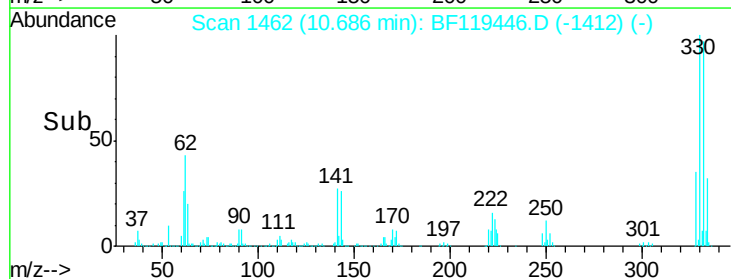
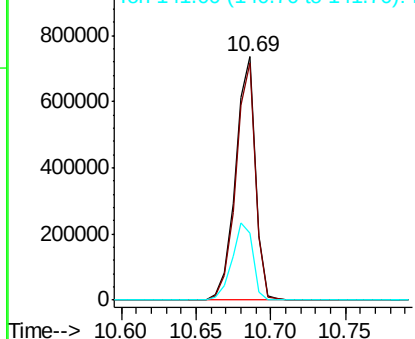


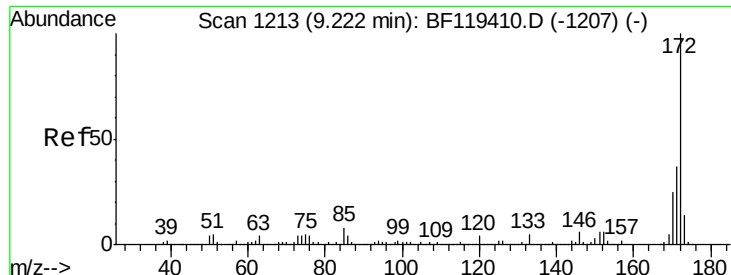
#42
 2,4,6-Tribromophenol
 Concen: 115.560 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119446.D
 Acq: 19 Mar 2020 18:58

Tgt Ion:330 Resp: 692752
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.6 116.4
 141 33.3 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

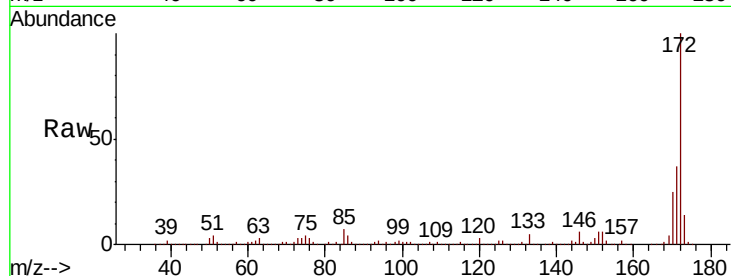




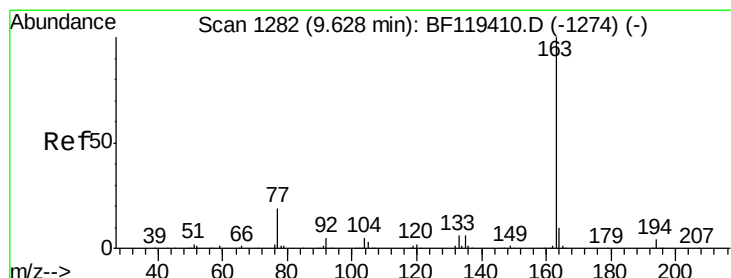
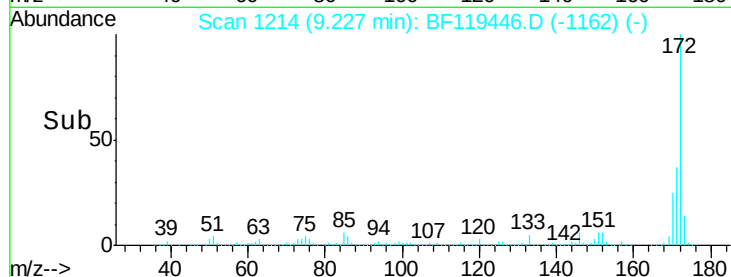
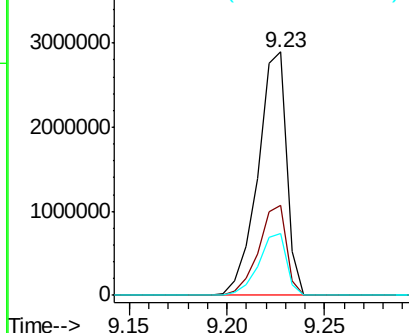
#45
2-Fluorobiphenyl
Concen: 75.149 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF119446.D
Acq: 19 Mar 2020 18:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 2947564
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 25.3 20.1 30.1

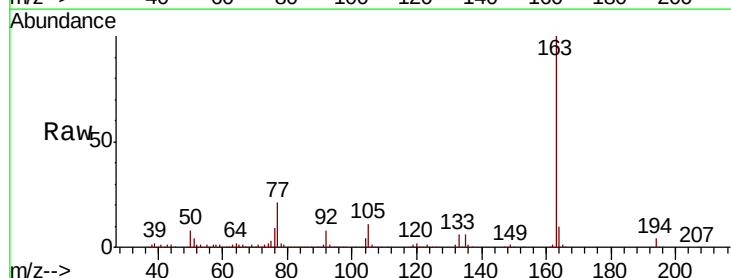


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

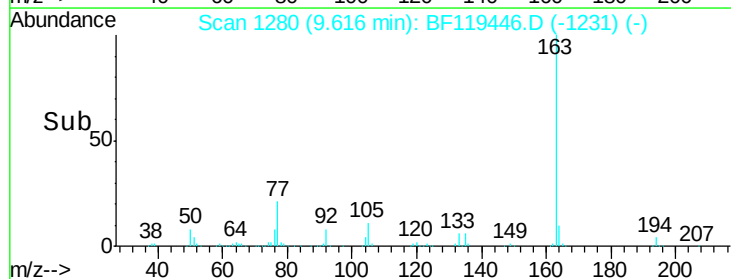
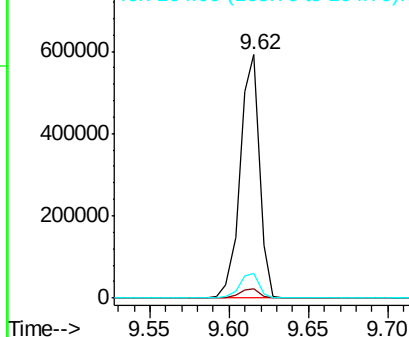


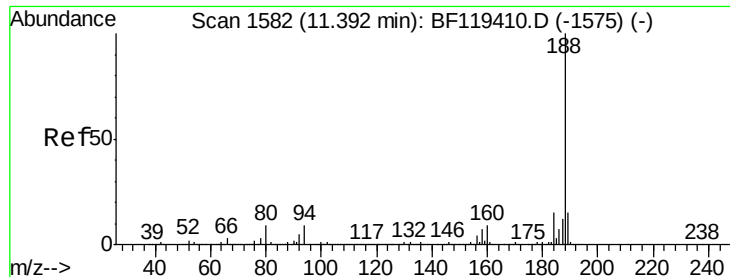
#50
Dimethylphthalate
Concen: 12.116 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF119446.D
Acq: 19 Mar 2020 18:58

Tgt Ion:163 Resp: 500092
Ion Ratio Lower Upper
163 100
194 4.0 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF119446.D

Acq: 19 Mar 2020 18:58

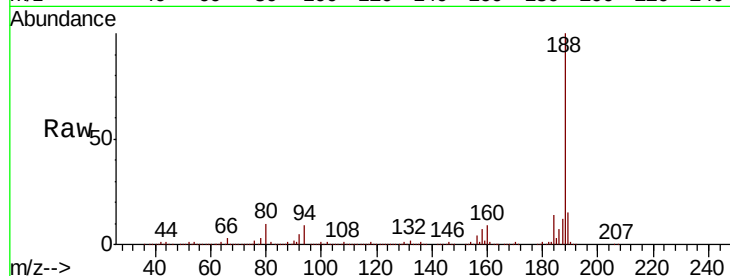
Instrument :

BNA_N

ClientSampleId :

Tot Ion:188 Resp: 1050190

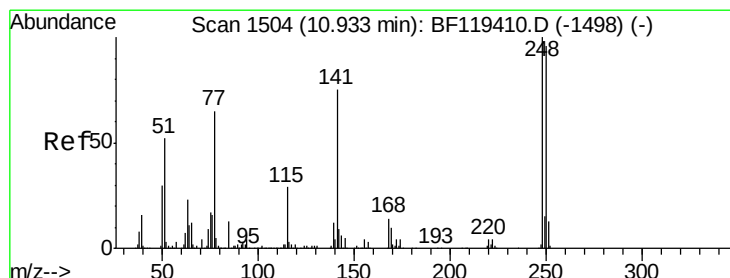
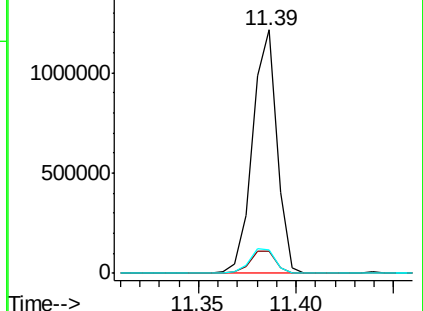
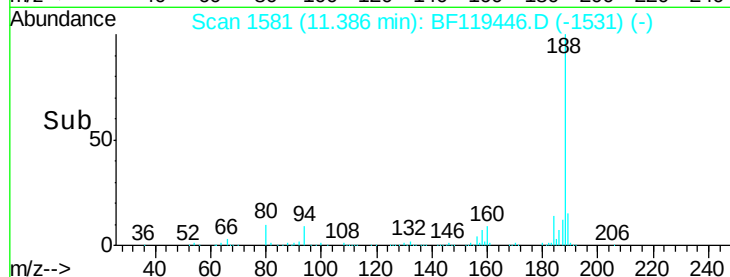
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.9	7.5	11.3



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: 3.613 ng

RT: 10.69 min Scan# 1462

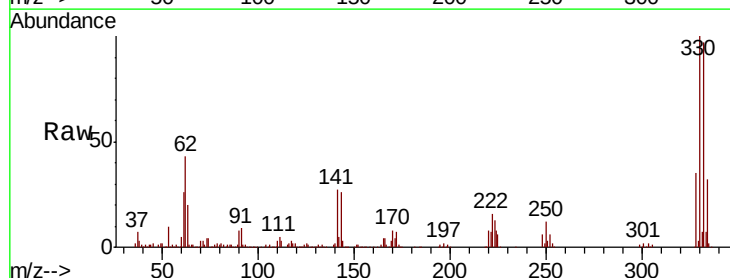
Delta R.T. -0.25 min

Lab File: BF119446.D

Acq: 19 Mar 2020 18:58

Tgt Ion:248 Resp: 43214

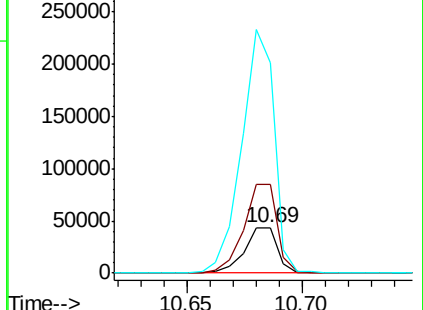
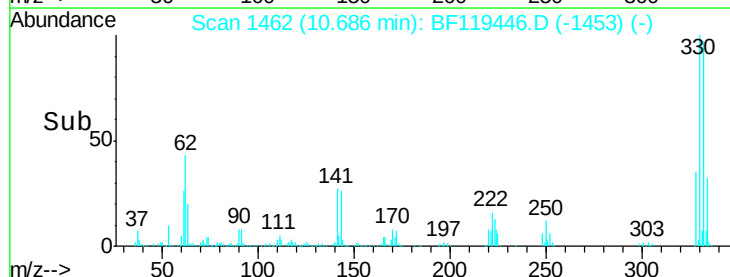
Ion	Ratio	Lower	Upper
248	100		
250	195.8	77.0	115.6#
141	466.7	59.7	89.5#

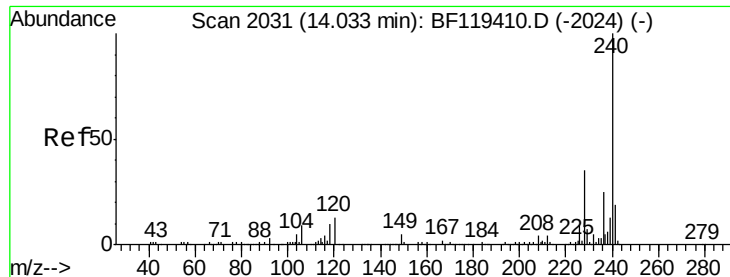


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2029

Delta R.T. -0.01 min

Lab File: BF119446.D

Acq: 19 Mar 2020 18:58

Instrument :

BNA_N

ClientSampled :

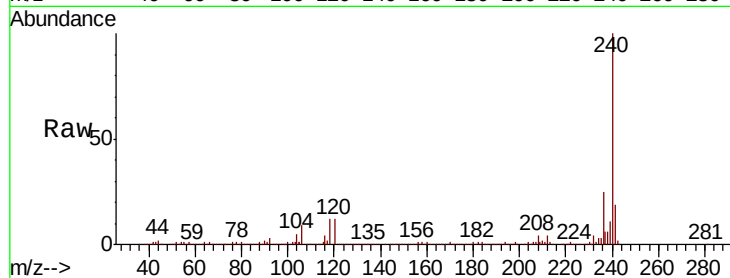
Tot Ion:240 Resp: 672113

Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.4

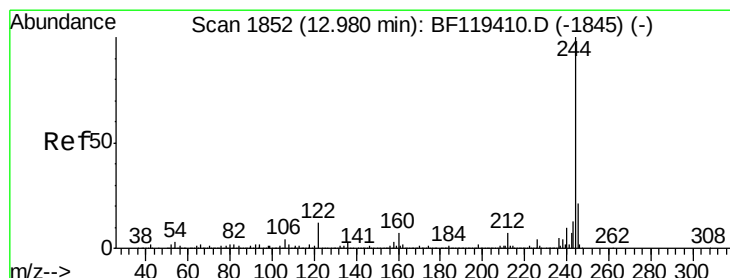
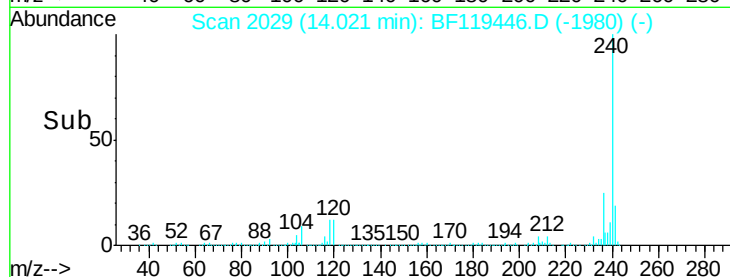
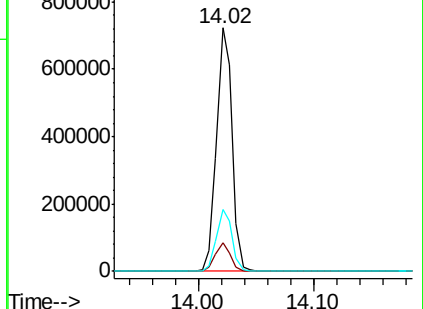
236 25.5 20.4 30.6



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: 75.829 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119446.D

Acq: 19 Mar 2020 18:58

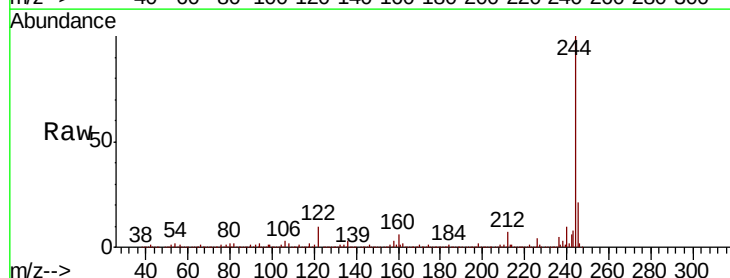
Tgt Ion:244 Resp: 2601323

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

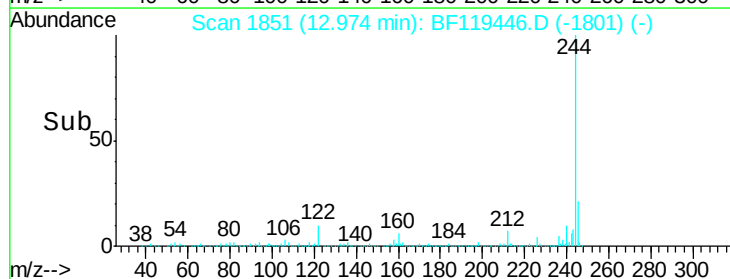
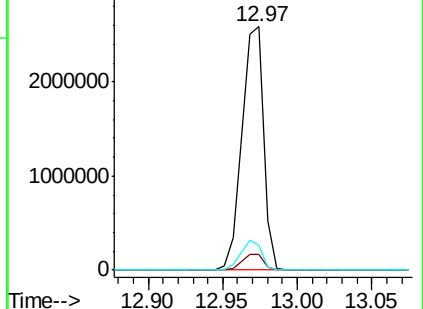
122 10.2 9.8 14.8

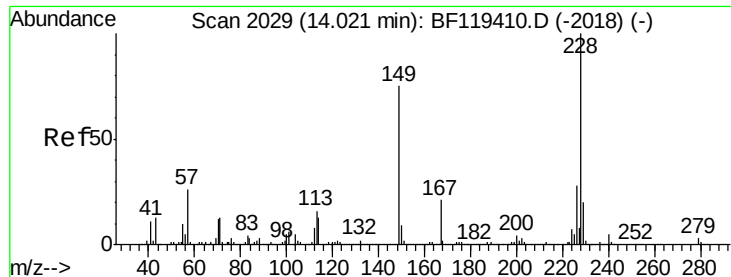


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 31.026 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.11 min

Lab File: BF119446.D

Acq: 19 Mar 2020 18:58

Instrument :

BNA_N

ClientSampleId :

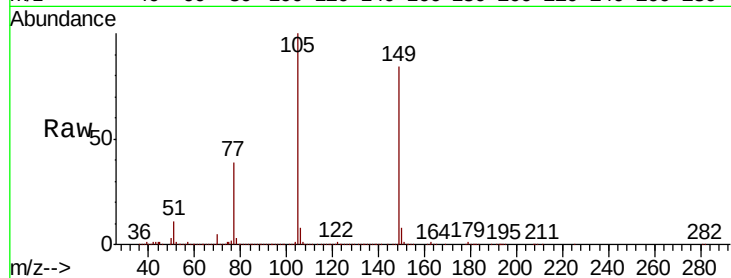
Tot Ion:149 Resp: 825141

Ion Ratio Lower Upper

149 100

167 0.0 22.0 33.0#

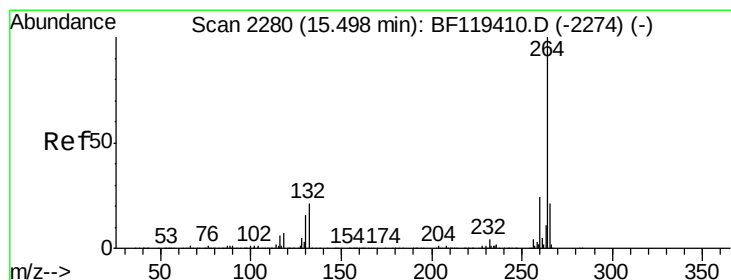
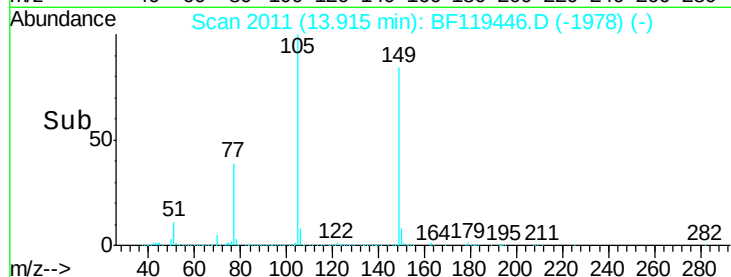
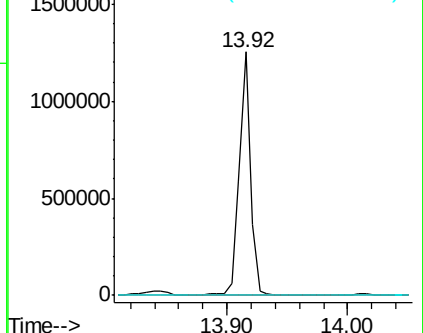
279 0.0 3.2 4.8#



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: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF119446.D

Acq: 19 Mar 2020 18:58

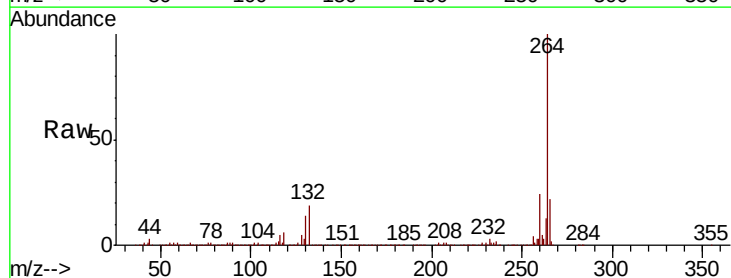
Tgt Ion:264 Resp: 705503

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.9 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

