

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119826.D
 Acq On : 7 Apr 2020 17:03
 Operator : MA/SJ
 Sample : L2102-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

Quant Time: Apr 08 00:52:51 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

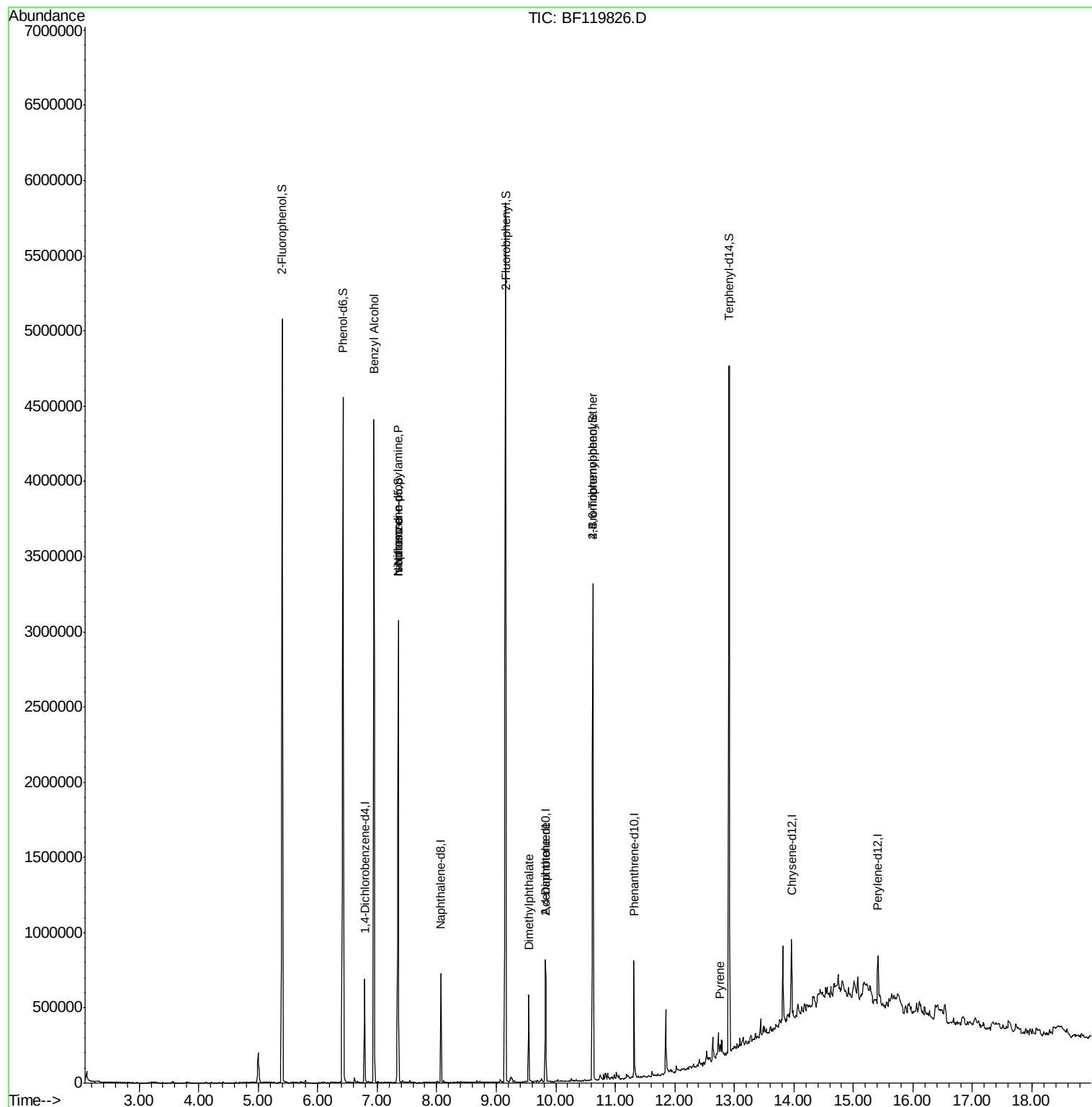
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87480	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	319274	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	155074	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	264206	20.00	ng	0.00
76) Chrysene-d12	13.96	240	174528	20.00	ng	0.00
87) Perylene-d12	15.42	264	131373	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1445050	262.96	ng	0.02
7) Phenol-d6	6.43	99	1869688	266.34	ng	0.01
23) Nitrobenzene-d5	7.36	82	1057303	179.98	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	393187	245.77	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1890039	180.56	ng	0.00
79) Terphenyl-d14	12.92	244	1844706	207.08	ng	0.01
Target Compounds						
15) Benzyl Alcohol	6.95	79	18227	3.45	ng	# 49
19) n-Nitroso-di-n-propylamine	7.36	70	141799	33.51	ng	# 76
25) Isophorone	7.36	82	1057279	88.72	ng	# 65
50) Dimethylphthalate	9.55	163	194810	17.69	ng	99
57) 2,4-Dinitrotoluene	9.83	165	19953	6.71	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	23986	7.97	ng	# 1
78) Pyrene	12.76	202	33113	2.31	ng	95

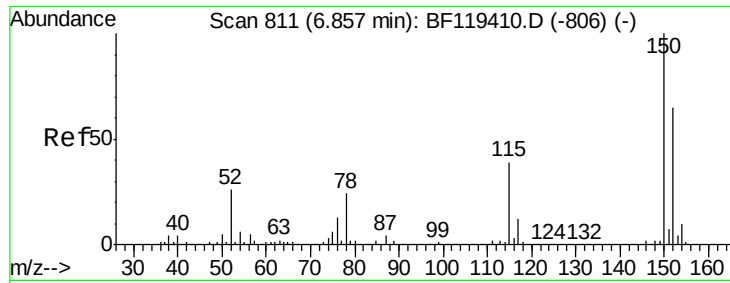
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

RT-46-MEDIAN

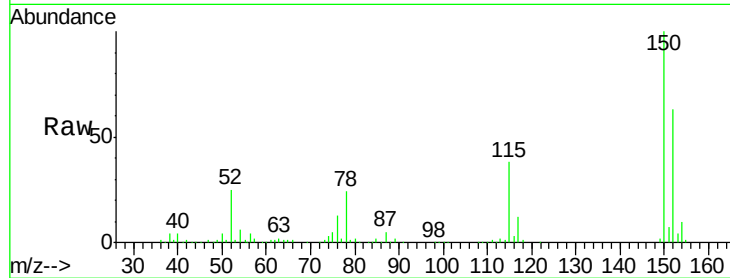
Tgt Ion:152 Resp: 87480

Ion Ratio Lower Upper

152 100

150 158.2 124.5 186.7

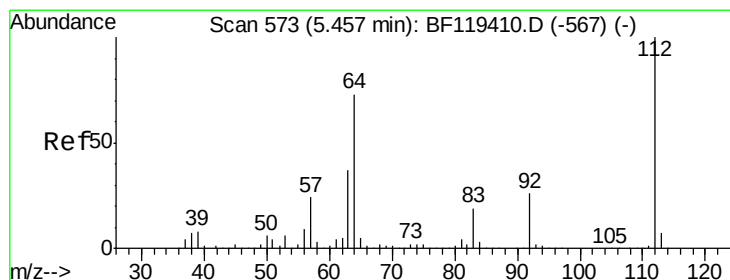
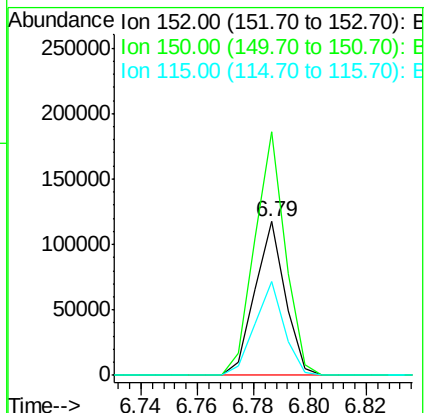
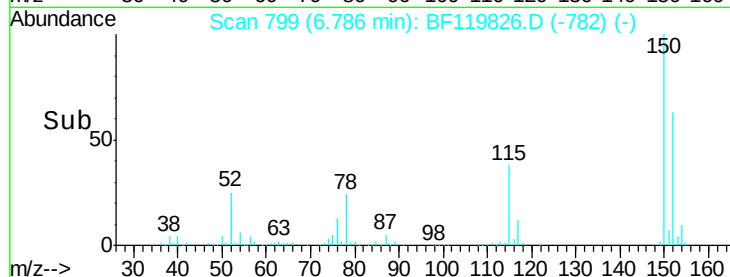
115 60.7 49.6 74.4



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: 262.96 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

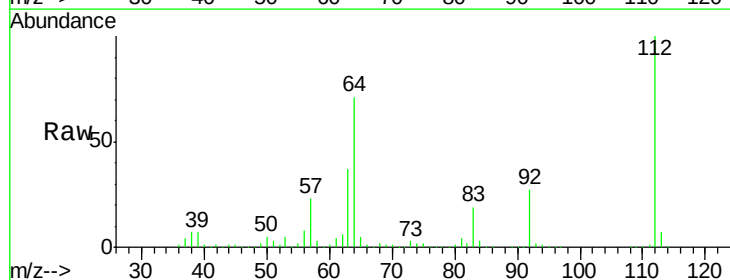
Tgt Ion:112 Resp: 1445050

Ion Ratio Lower Upper

112 100

64 71.1 56.7 85.1

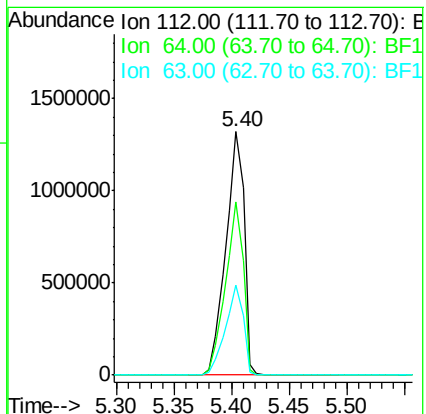
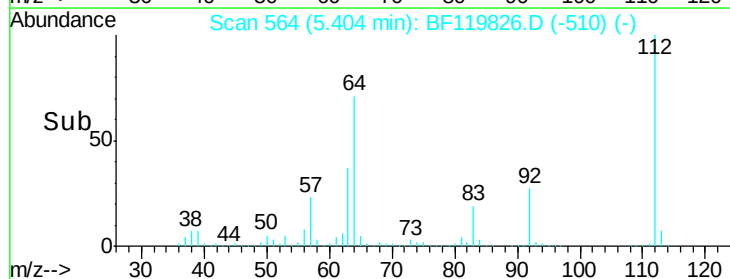
63 37.2 29.5 44.3

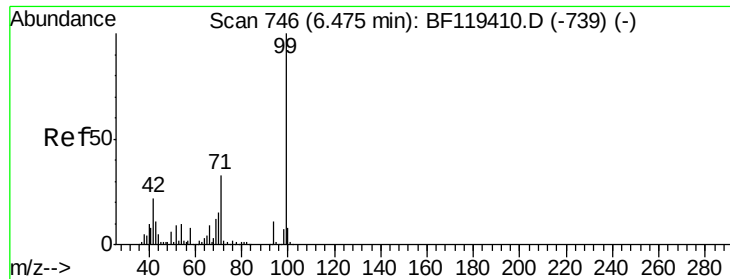


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 266.34 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

RT-46-MEDIAN

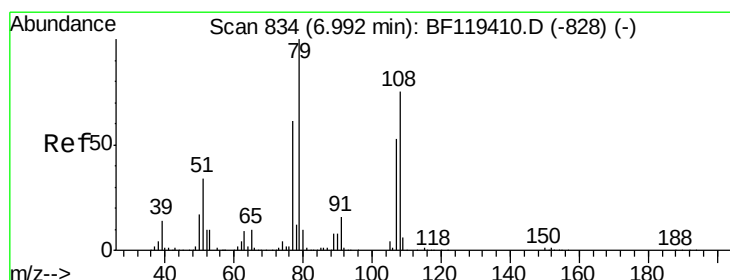
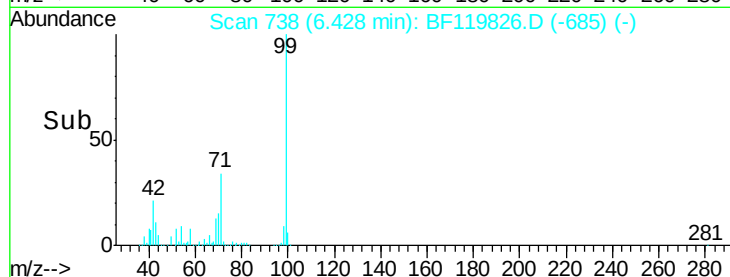
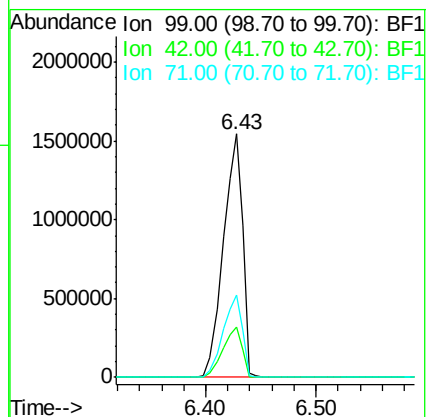
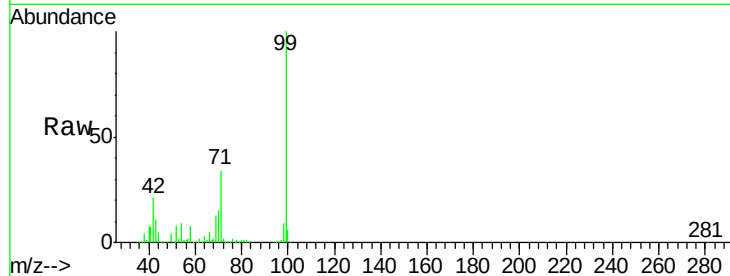
Tgt Ion: 99 Resp: 1869688

Ion Ratio Lower Upper

99 100

42 20.7 16.6 24.8

71 34.0 26.4 39.6



#15

Benzyl Alcohol

Concen: 3.45 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

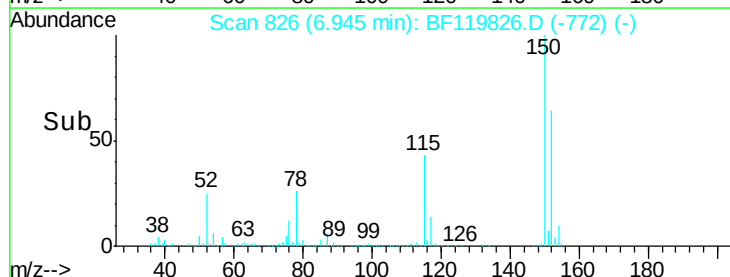
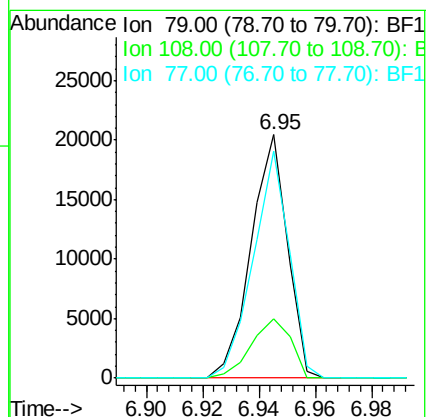
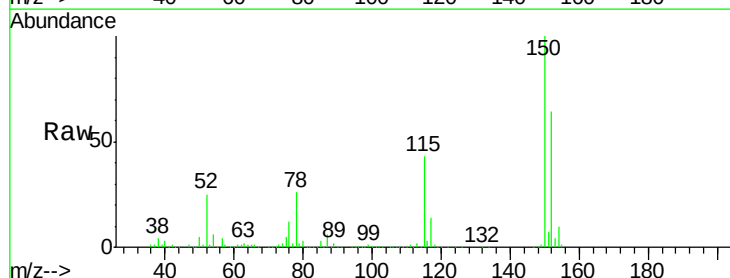
Tgt Ion: 79 Resp: 18227

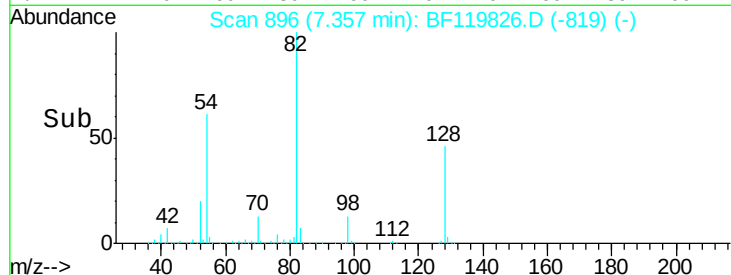
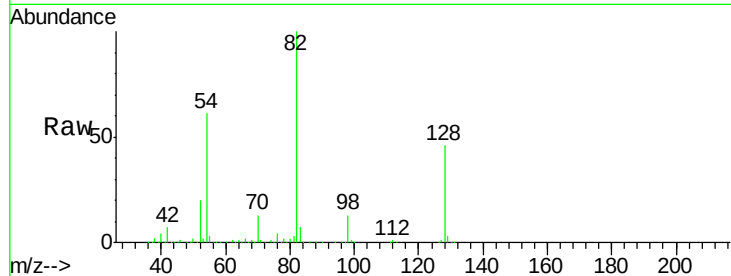
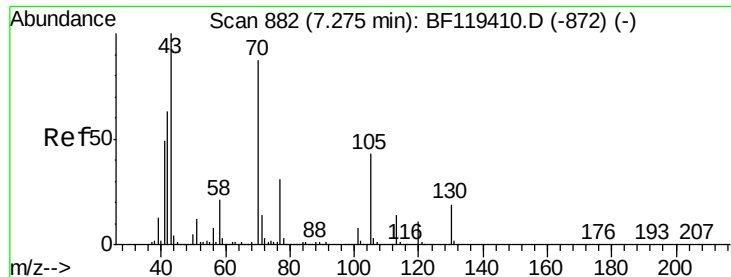
Ion Ratio Lower Upper

79 100

108 24.3 60.6 90.8#

77 93.2 50.2 75.2#

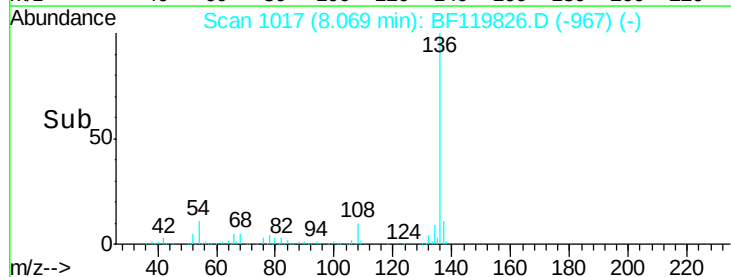
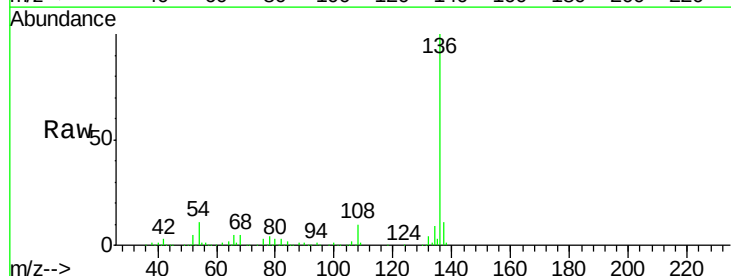
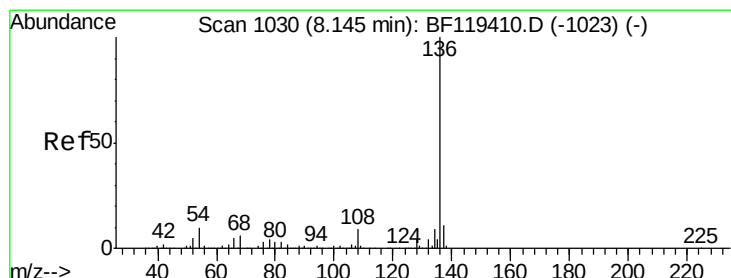
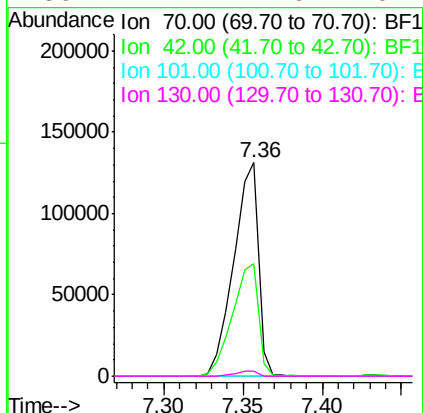




#19
n-Nitroso-di-n-propylamine
Concen: 33.51 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF119826.D
Acq: 7 Apr 2020 17:03

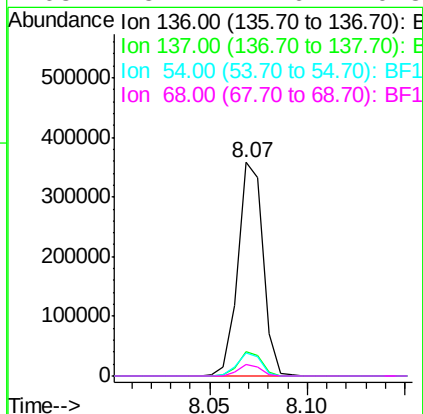
Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIAN

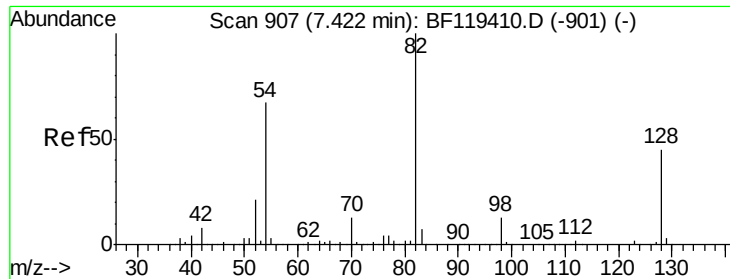
Tgt Ion:	70	Resp:	141799
Ion	Ratio	Lower	Upper
70	100		
42	53.0	54.5	81.7#
101	0.0	7.6	11.4#
130	2.2	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119826.D
Acq: 7 Apr 2020 17:03

Tgt Ion:	136	Resp:	319274
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.1	9.1	13.7
68	5.2	4.6	6.8

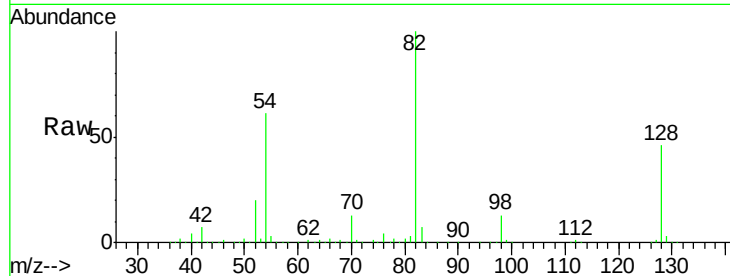




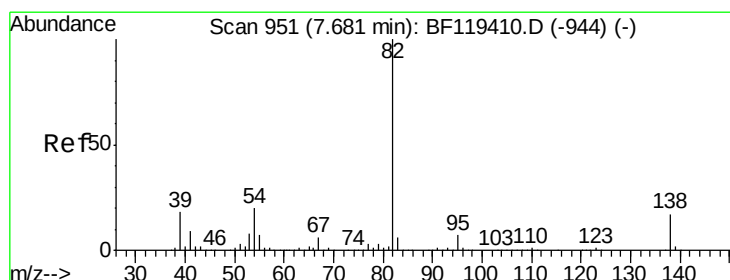
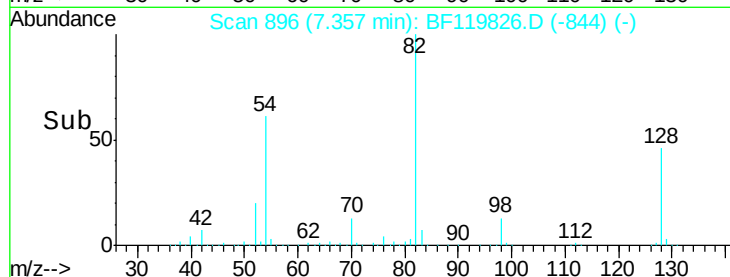
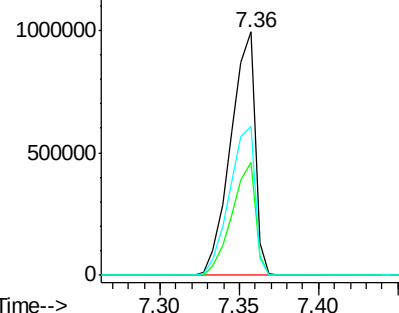
#23
Nitrobenzene-d5
Concen: 179.98 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF119826.D
Acq: 7 Apr 2020 17:03

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIAN

Tgt Ion: 82 Resp: 1057303
Ion Ratio Lower Upper
82 100
128 46.4 36.3 54.5
54 61.0 50.6 75.8

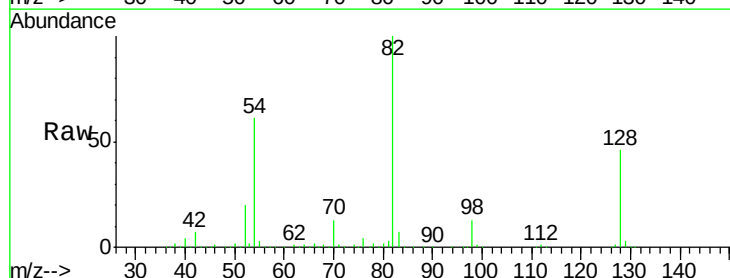


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

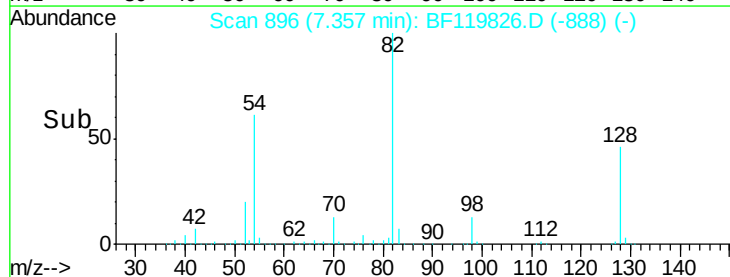
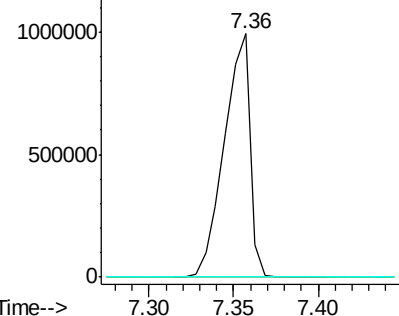


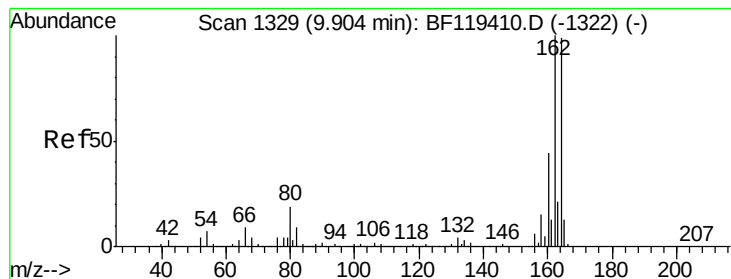
#25
Isophorone
Concen: 88.72 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.25 min
Lab File: BF119826.D
Acq: 7 Apr 2020 17:03

Tgt Ion: 82 Resp: 1057279
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





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

RT-46-MEDIAN

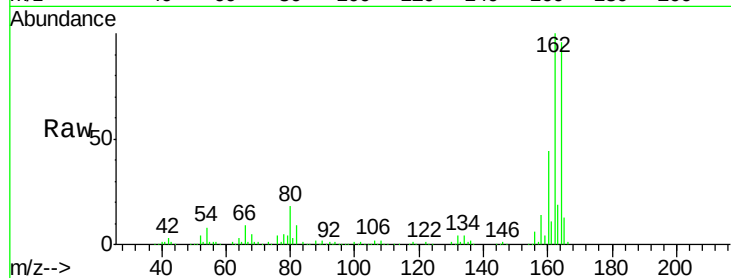
Tgt Ion:164 Resp: 155074

Ion Ratio Lower Upper

164 100

162 104.0 80.6 121.0

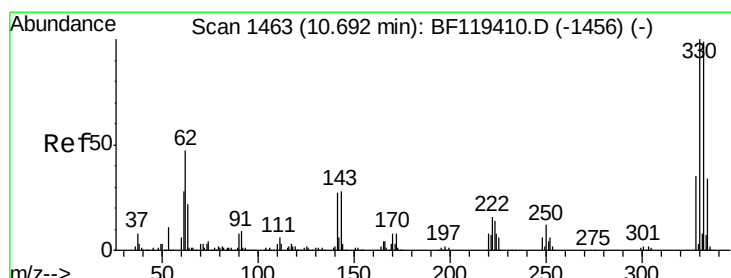
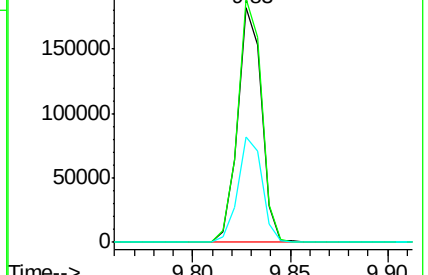
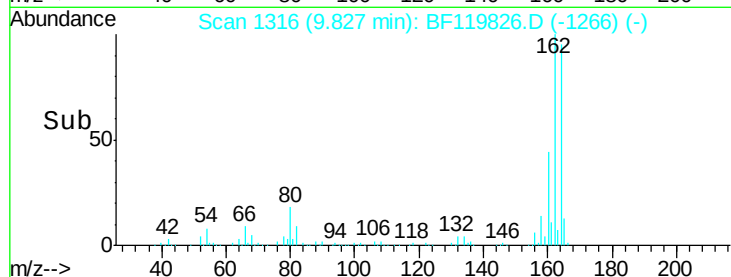
160 45.3 35.7 53.5



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: 245.77 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

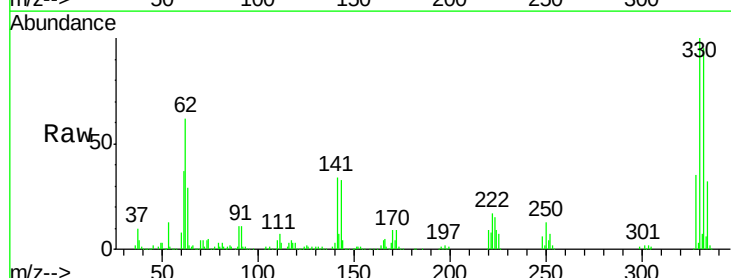
Tgt Ion:330 Resp: 393187

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

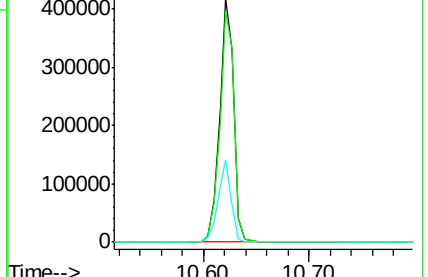
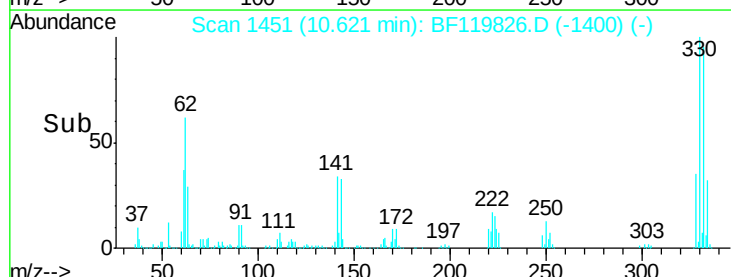
141 31.7 25.4 38.0

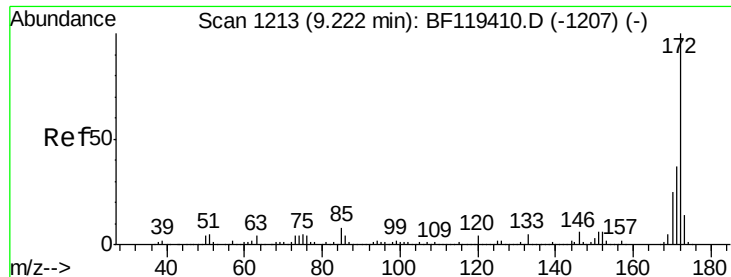


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

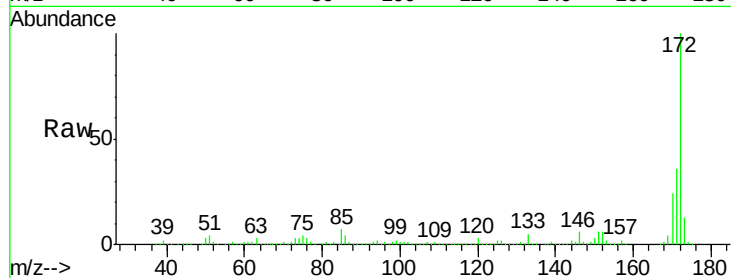




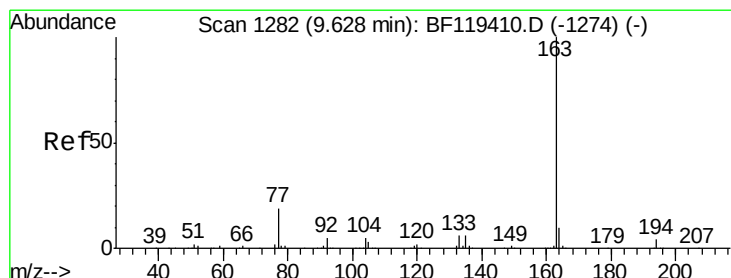
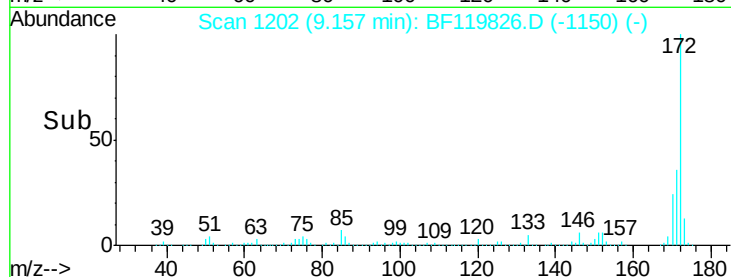
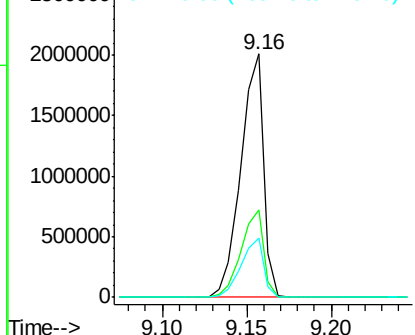
#45
 2-Fluorobiphenyl
 Concen: 180.56 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119826.D
 Acq: 7 Apr 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

Tgt Ion:172 Resp: 1890039
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.4 20.2 30.2

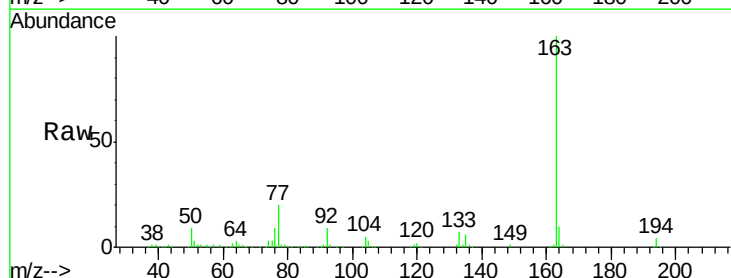


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

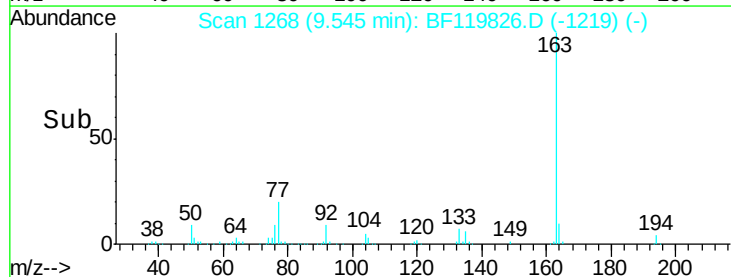
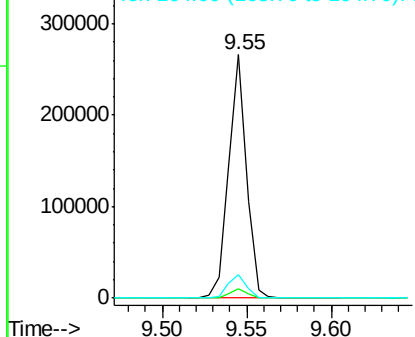


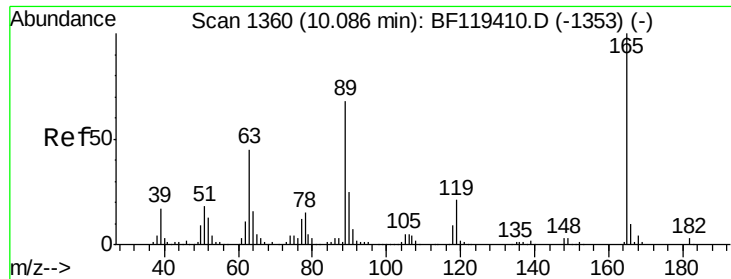
#50
 Dimethylphthalate
 Concen: 17.69 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF119826.D
 Acq: 7 Apr 2020 17:03

Tgt Ion:163 Resp: 194810
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.1 4.7
 164 9.9 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

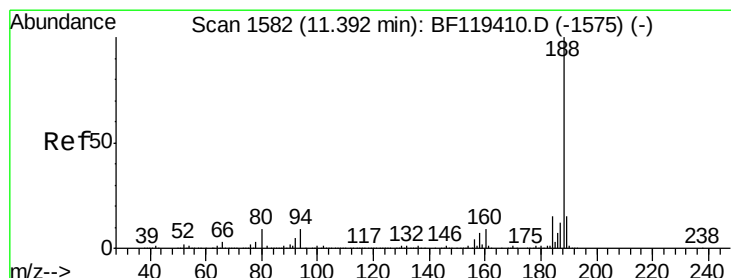
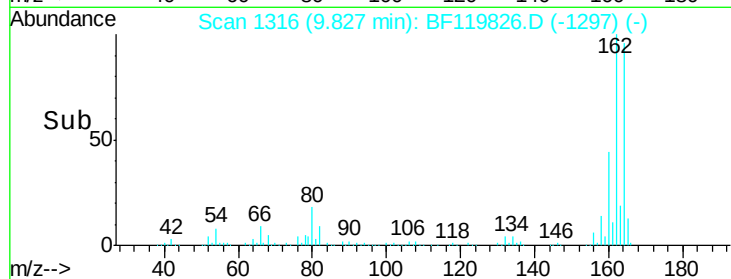
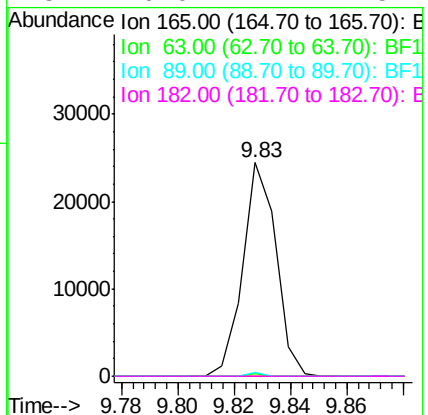
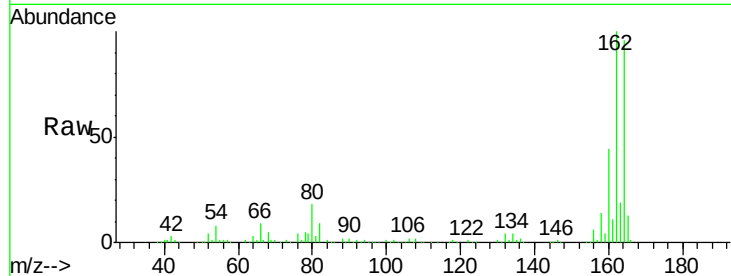




#57
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF119826.D
Acq: 7 Apr 2020 17:03

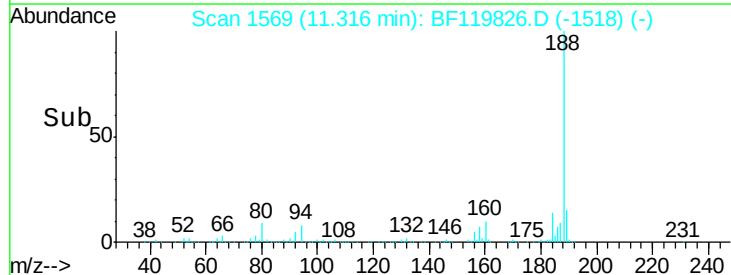
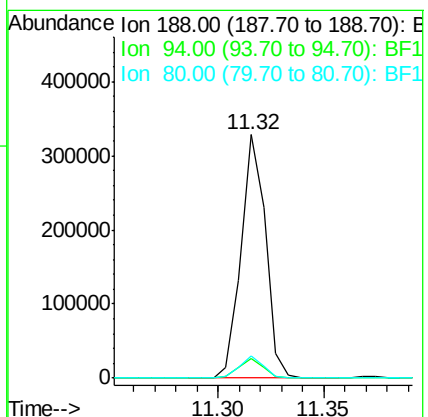
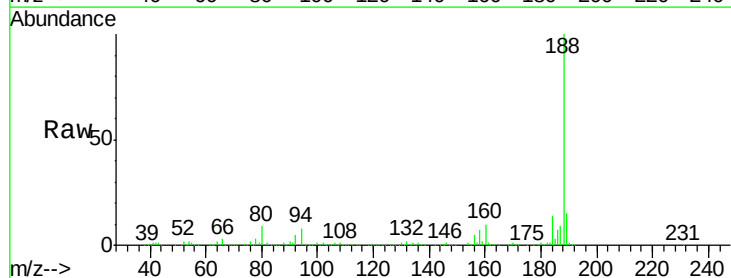
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RT-46-MEDIAN

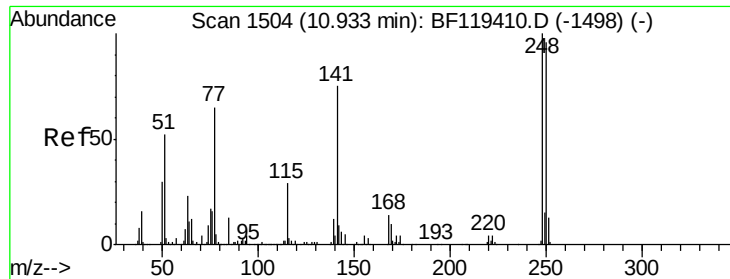
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	19953		
63	1.3	42.6	64.0#	
89	1.5	61.0	91.4#	
182	0.0	2.2	3.2#	



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF119826.D
Acq: 7 Apr 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	264206		
94	8.0	7.5	11.3	
80	9.3	9.0	13.4	

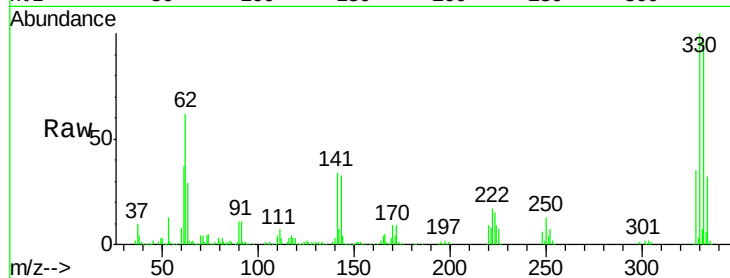




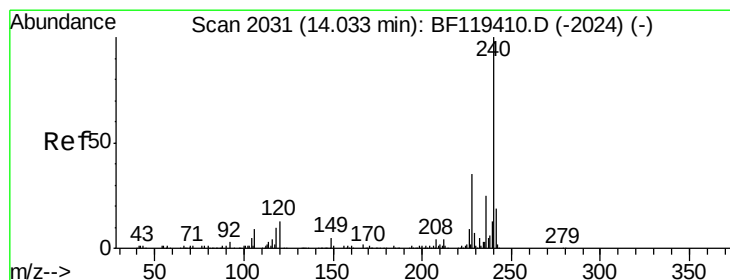
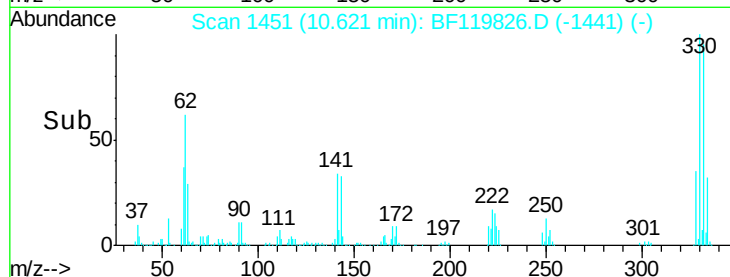
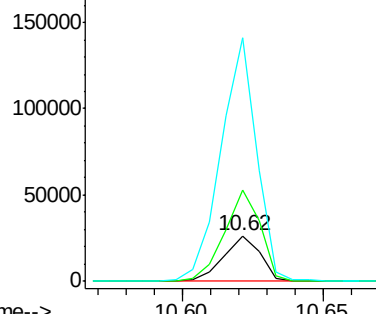
#67
 4-Bromophenyl-phenylether
 Concen: 7.97 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF119826.D
 Acq: 7 Apr 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

Tgt Ion:248 Resp: 23986
 Ion Ratio Lower Upper
 248 100
 250 199.2 77.3 115.9#
 141 533.0 58.6 87.8#

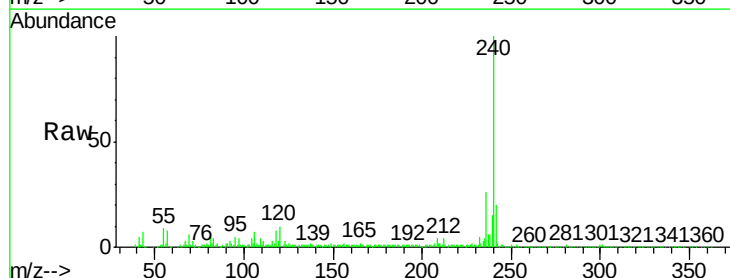


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

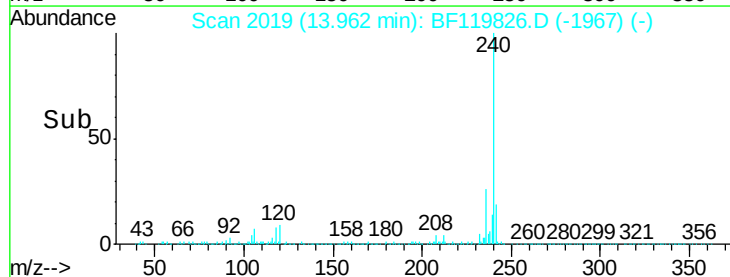
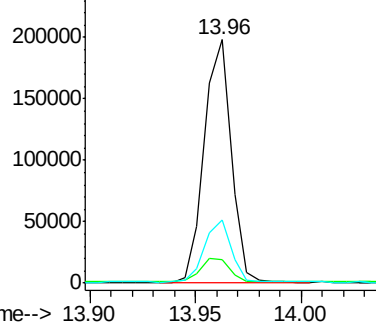


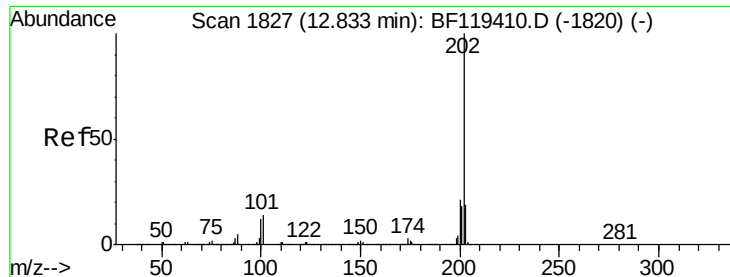
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF119826.D
 Acq: 7 Apr 2020 17:03

Tgt Ion:240 Resp: 174528
 Ion Ratio Lower Upper
 240 100
 120 9.8 10.6 15.8#
 236 25.8 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

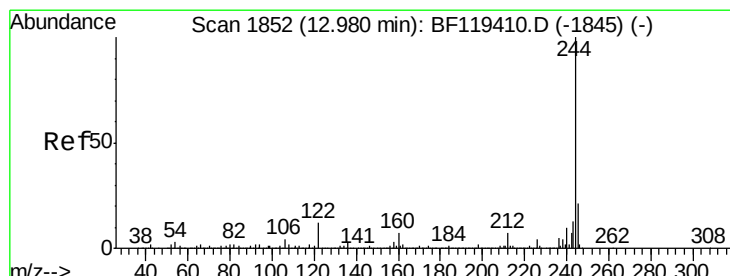
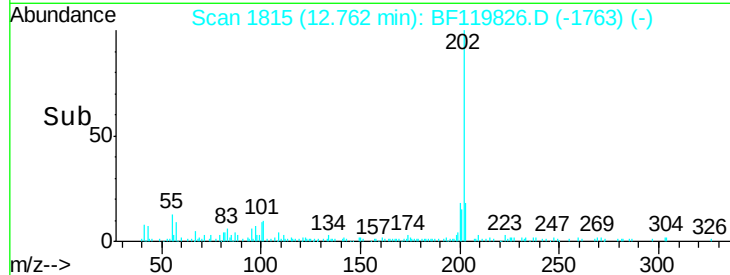
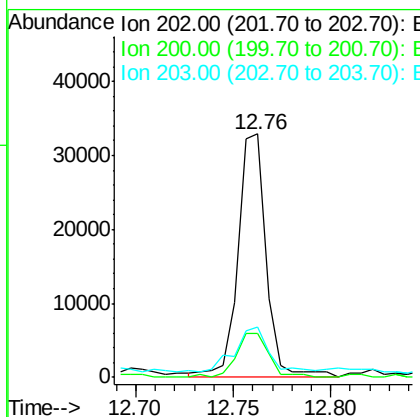
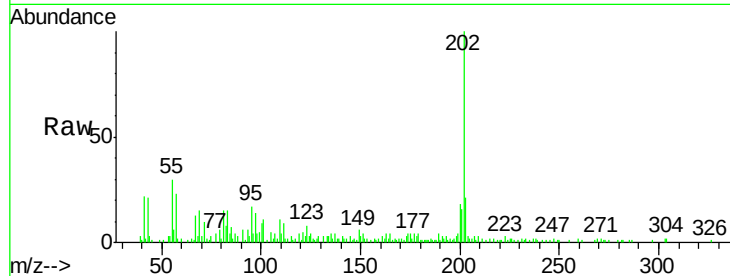




#78
 Pyrene
 Concen: 2.31 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. 0.01 min
 Lab File: BF119826.D
 Acq: 7 Apr 2020 17:03

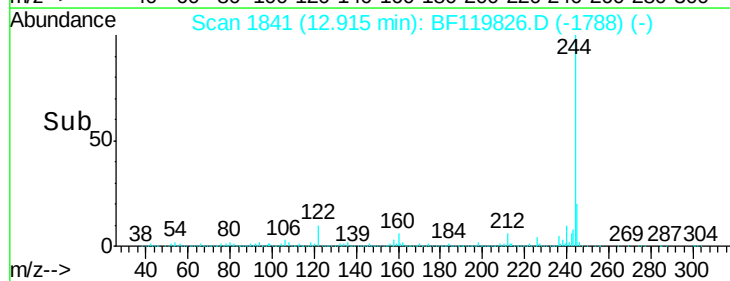
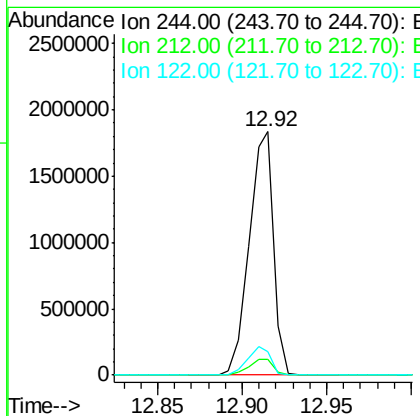
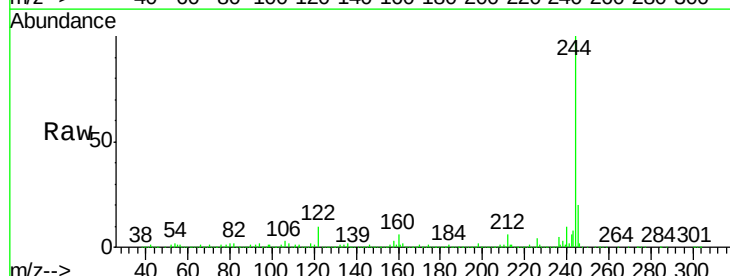
Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

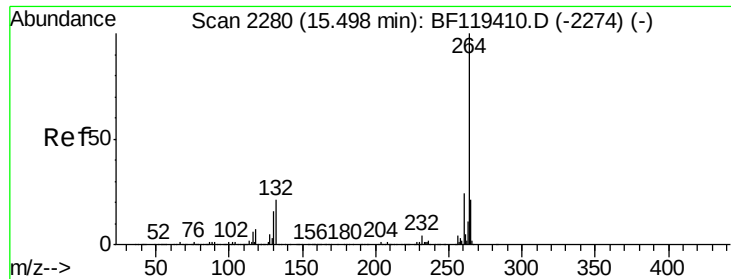
Tgt Ion	Ratio	Lower	Upper
202	100		
200	17.8	16.8	25.2
203	20.7	15.1	22.7



#79
 Terphenyl-d14
 Concen: 207.08 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF119826.D
 Acq: 7 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	9.8	10.3	15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.02 min
Lab File: BF119826.D
Acq: 7 Apr 2020 17:03

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIAN

Tgt Ion: 264 Resp: 131373
Ion Ratio Lower Upper
264 100
260 25.0 18.7 28.1
265 21.3 17.7 26.5

