

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119784.D
 Acq On : 6 Apr 2020 21:43
 Operator : MA/SJ
 Sample : L2129-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Apr 07 00:29:22 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

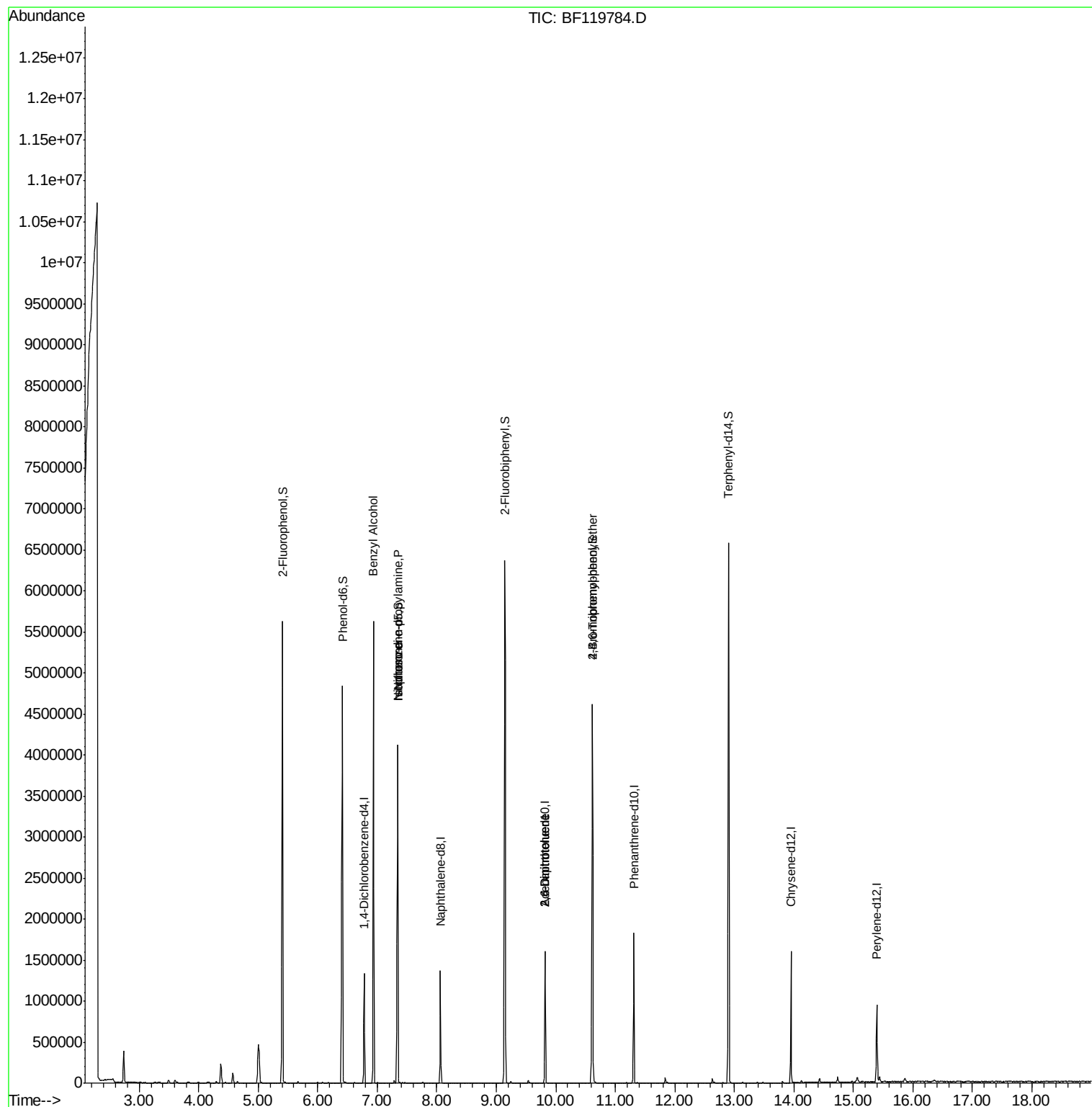
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	173770	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	661388	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	338374	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	654762	20.00	ng	0.00
76) Chrysene-d12	13.95	240	500536	20.00	ng	0.00
87) Perylene-d12	15.40	264	423853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1587400	145.42	ng	0.02
7) Phenol-d6	6.42	99	1852349	132.84	ng	0.00
23) Nitrobenzene-d5	7.35	82	1314644	108.03	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	629574	180.35	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2446149	107.10	ng	0.00
79) Terphenyl-d14	12.91	244	2788432	109.15	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.94	79	21406	2.04	ng	# 47
19) n-Nitroso-di-n-propylamine	7.35	70	173711	20.67	ng	# 75
25) Isophorone	7.35	82	1314630	53.25	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	43563	8.46	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	43563	6.71	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	37273	5.00	ng	# 1

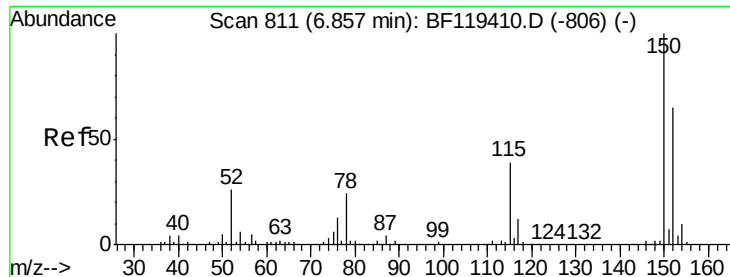
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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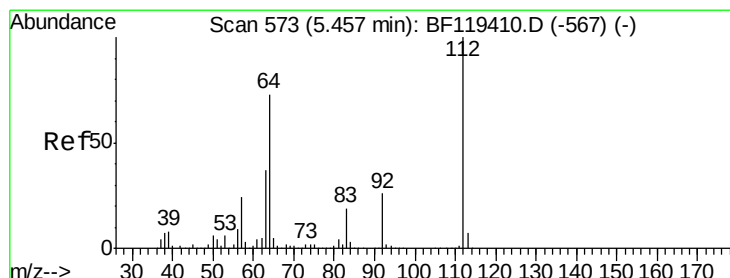
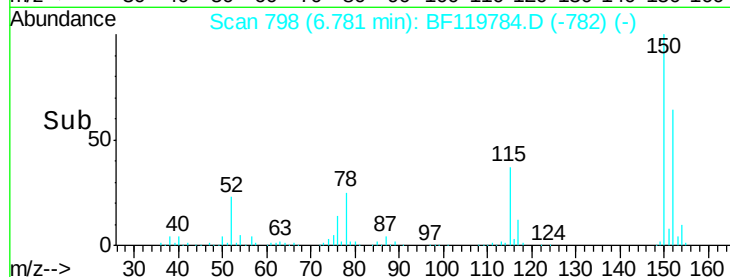
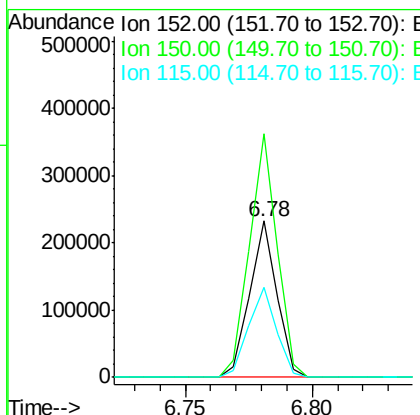
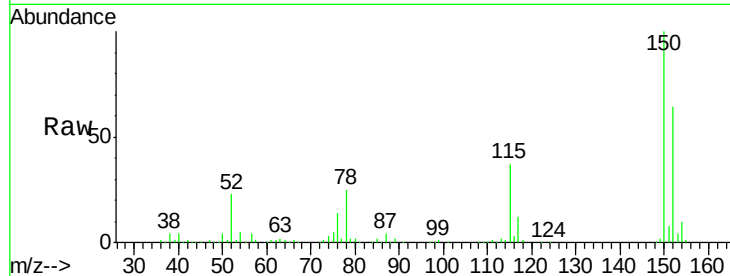




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

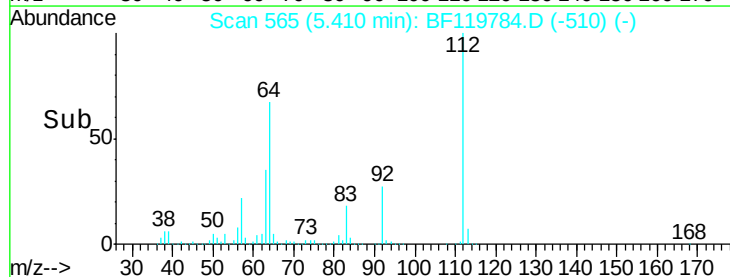
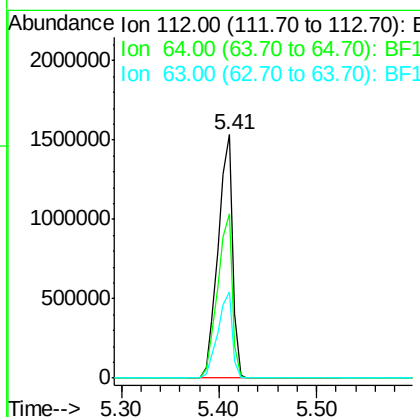
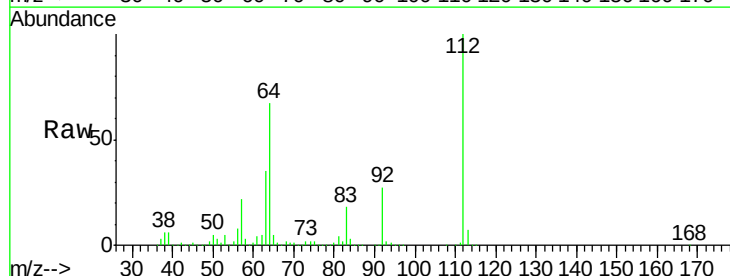
Instrument :
 BNA_F
 ClientSampled :
 TP-8

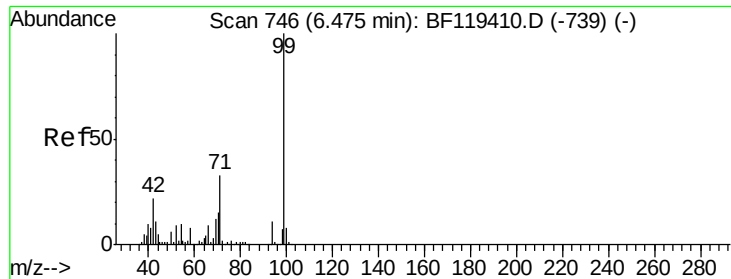
Tgt Ion:152 Resp: 173770
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.5 186.7
 115 57.7 49.6 74.4



#5
 2-Fluorophenol
 Concen: 145.42 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

Tgt Ion:112 Resp: 1587400
 Ion Ratio Lower Upper
 112 100
 64 67.3 56.7 85.1
 63 35.4 29.5 44.3





#7

Phenol-d6

Concen: 132.84 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

Instrument :

BNA_F

ClientSampled :

TP-8

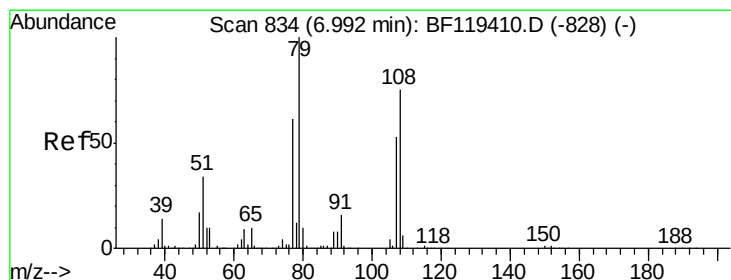
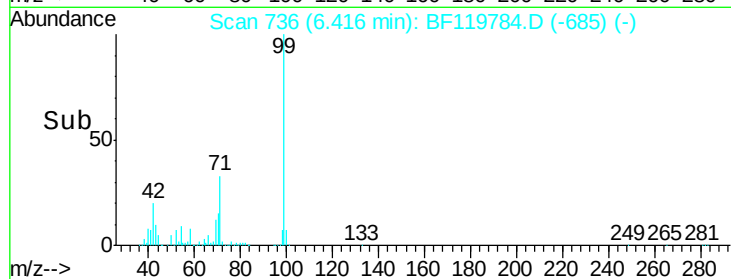
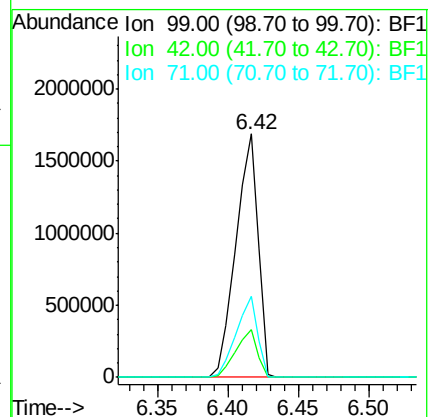
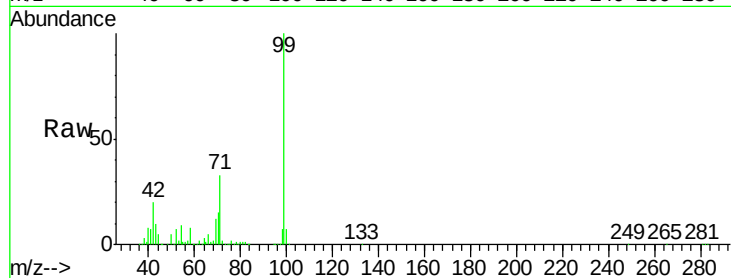
Tgt Ion: 99 Resp: 1852349

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

71 33.3 26.4 39.6



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

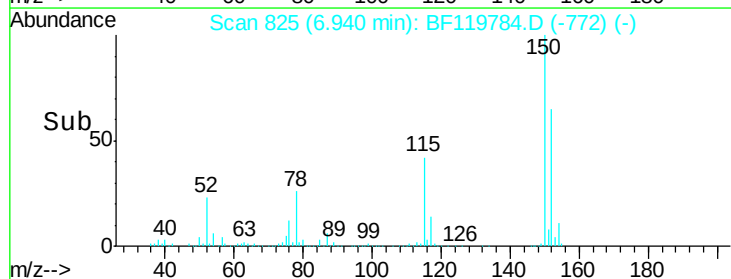
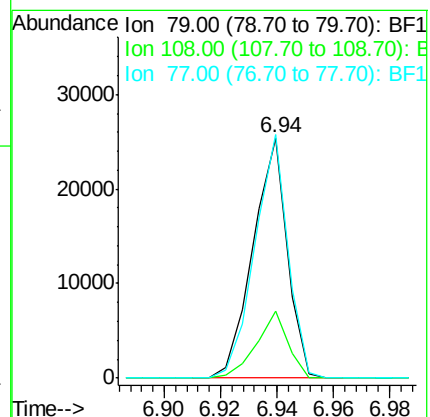
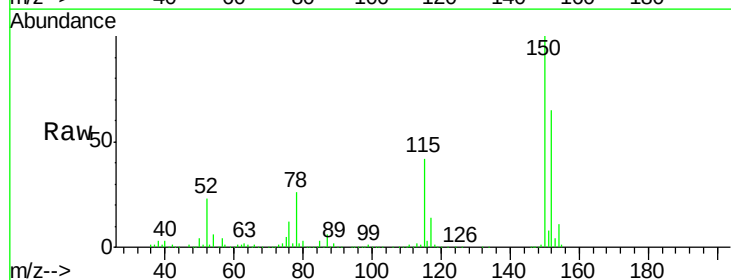
Tgt Ion: 79 Resp: 21406

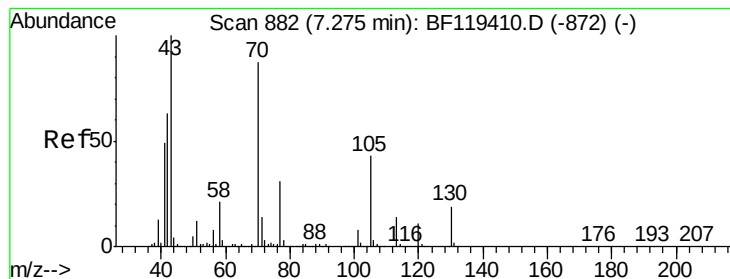
Ion Ratio Lower Upper

79 100

108 27.8 60.6 90.8#

77 101.5 50.2 75.2#





#19

n-Nitroso-di-n-propylamine

Concen: 20.67 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP-8

Tgt Ion: 70 Resp: 173711

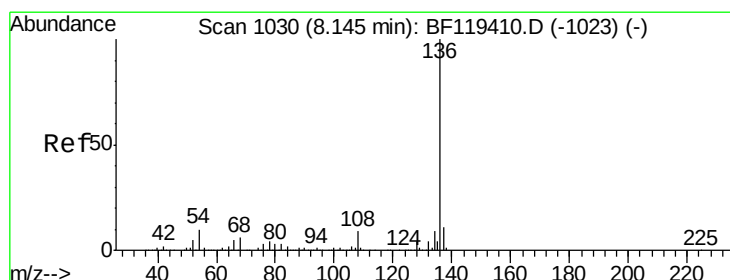
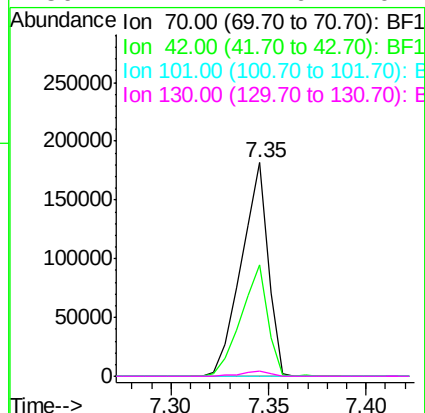
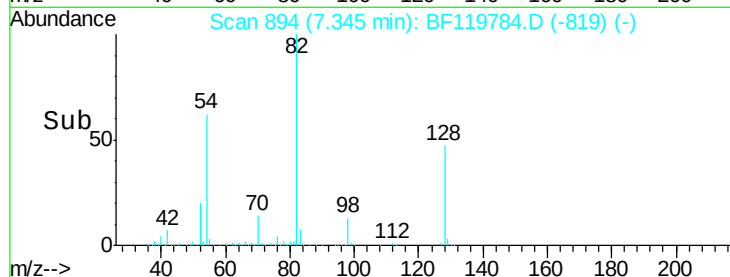
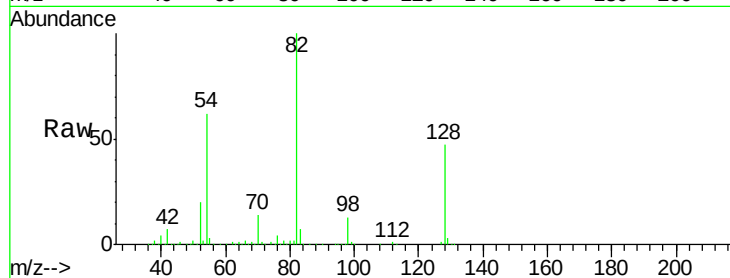
Ion Ratio Lower Upper

70 100

42 52.5 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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

Tgt Ion: 136 Resp: 661388

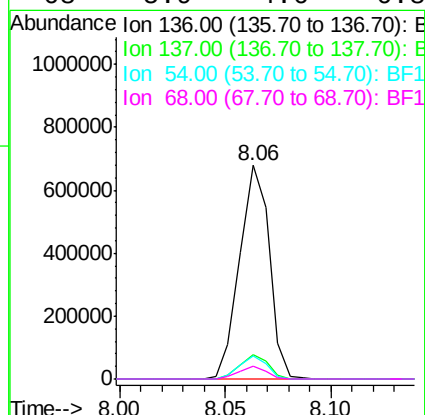
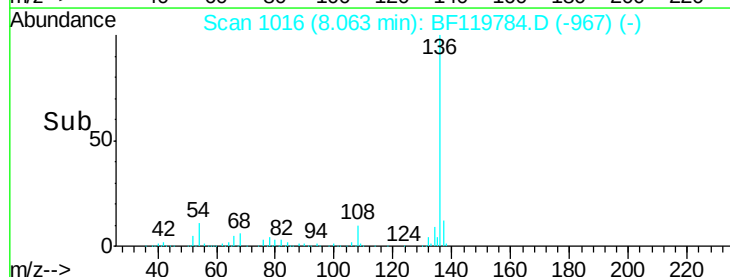
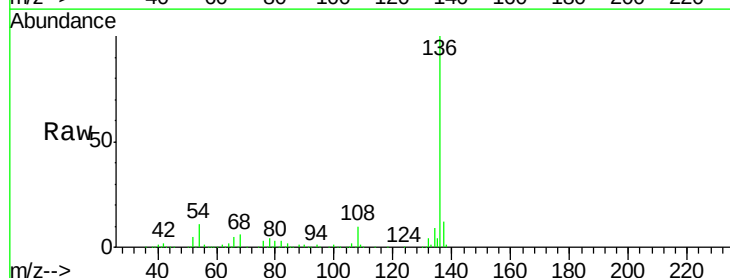
Ion Ratio Lower Upper

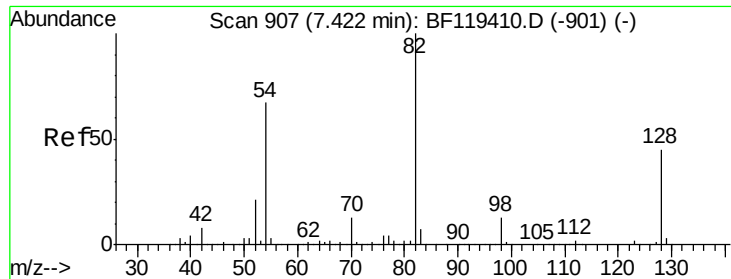
136 100

137 11.6 8.7 13.1

54 10.6 9.1 13.7

68 5.9 4.6 6.8

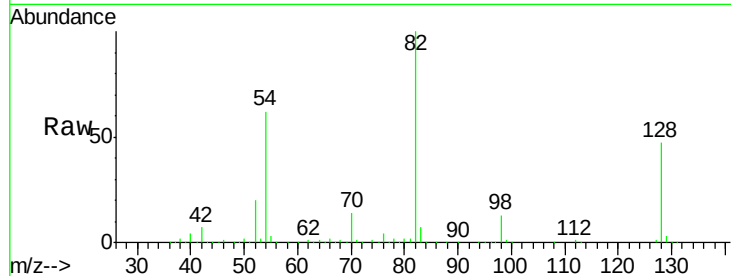




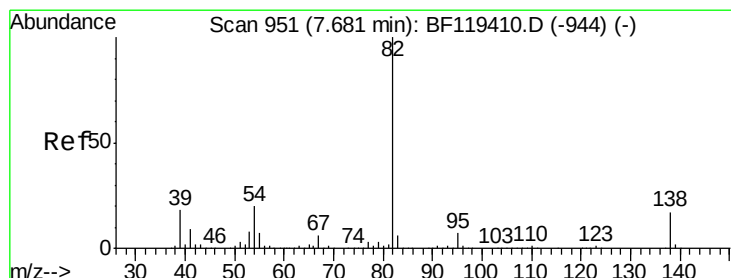
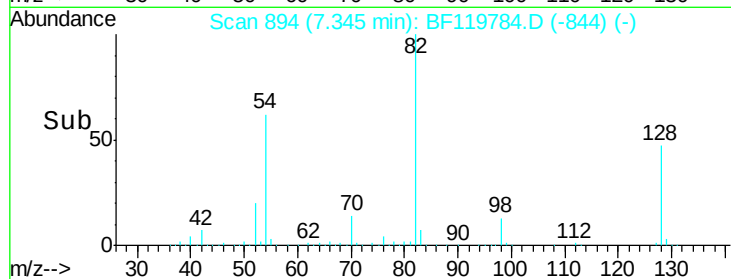
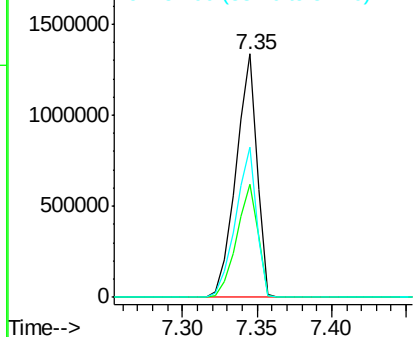
#23
Nitrobenzene-d5
Concen: 108.03 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119784.D
Acq: 6 Apr 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 82 Resp: 1314644
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 61.5 50.6 75.8

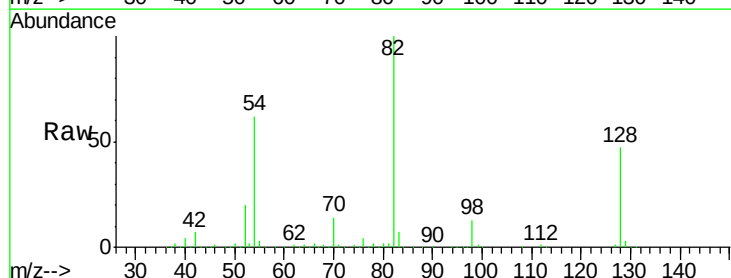


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

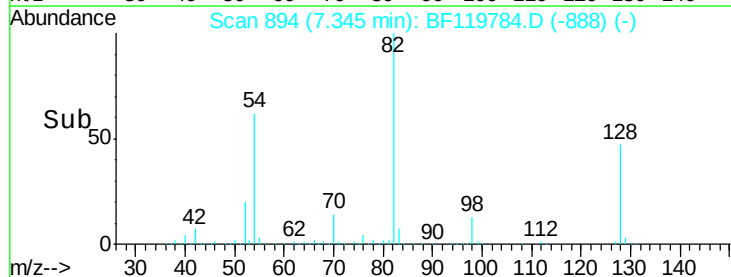
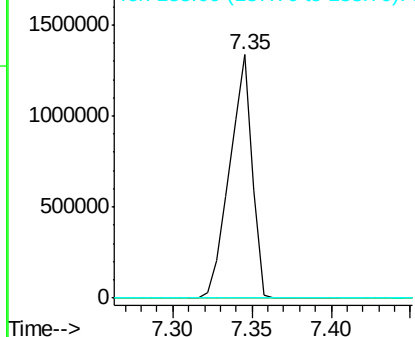


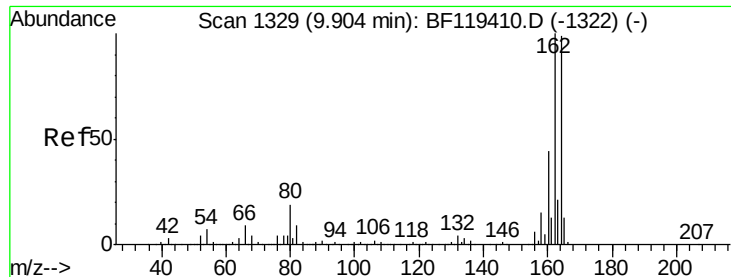
#25
Isophorone
Concen: 53.25 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF119784.D
Acq: 6 Apr 2020 21:43

Tgt Ion: 82 Resp: 1314630
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

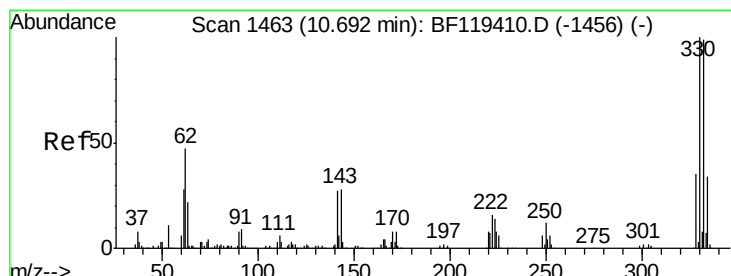
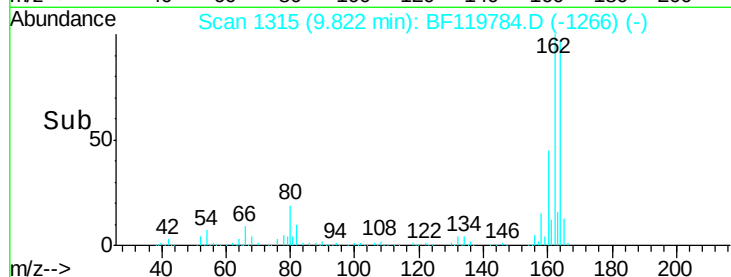
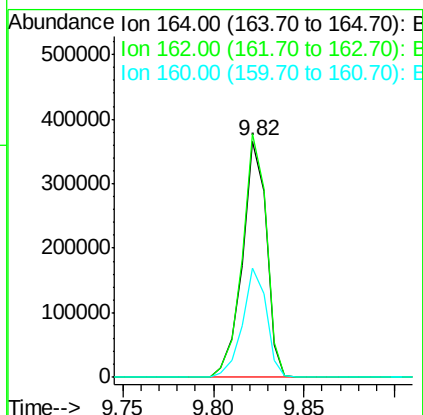
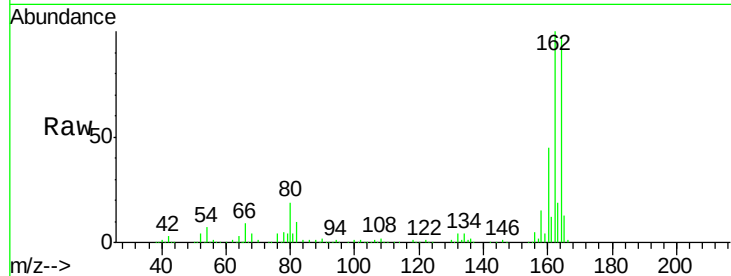




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

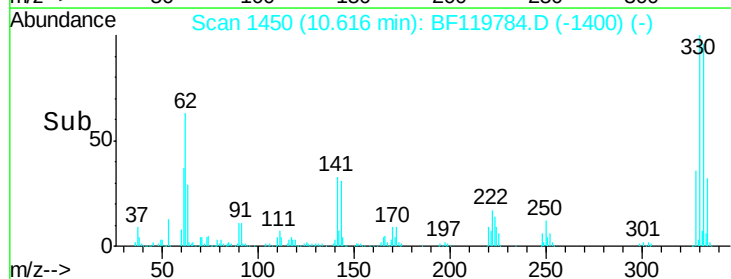
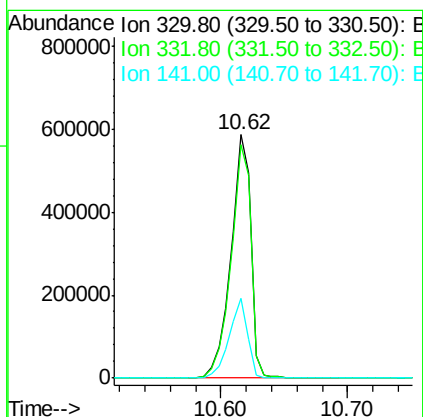
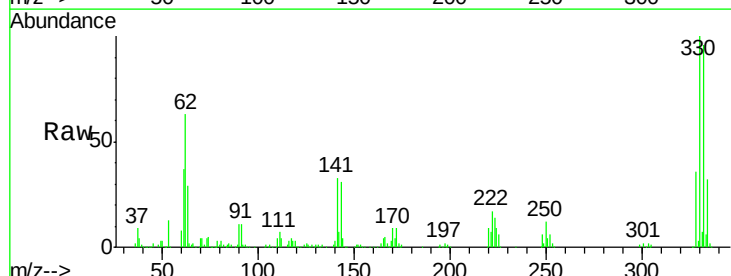
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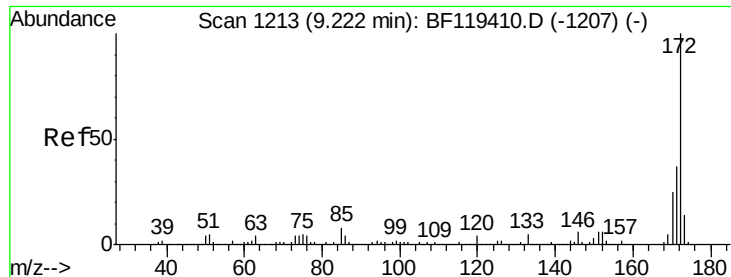
Tgt Ion:164 Resp: 338374
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.6 121.0
 160 46.4 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 180.35 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

Tgt Ion:330 Resp: 629574
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 30.4 25.4 38.0

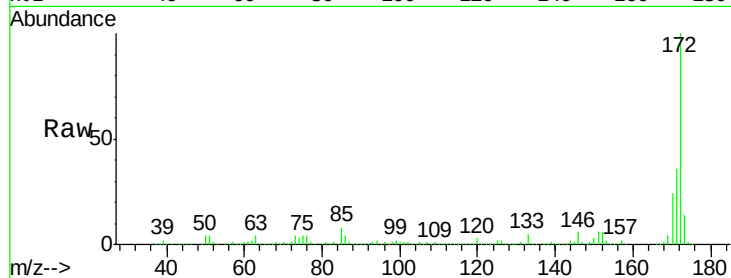




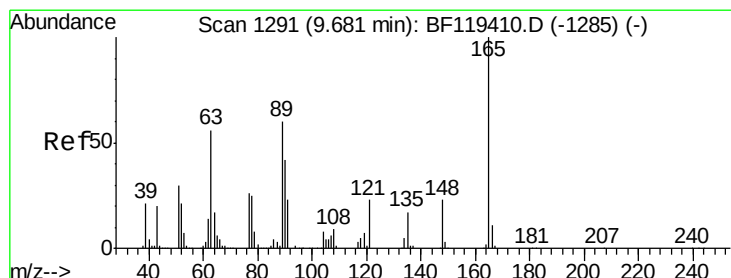
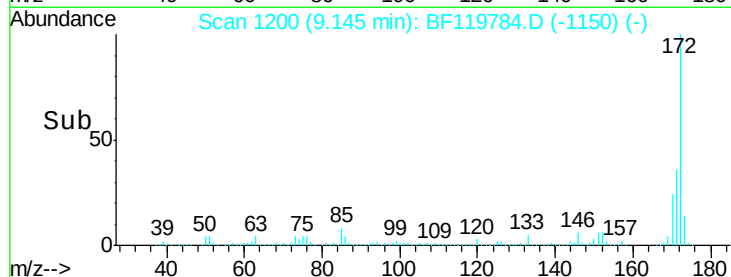
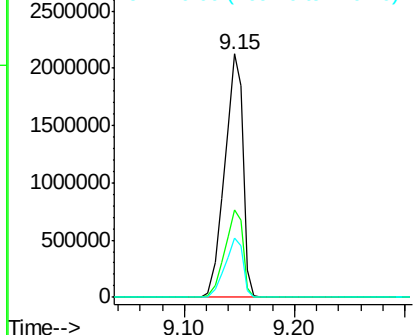
#45
 2-Fluorobiphenyl
 Concen: 107.10 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion:172 Resp: 2446149
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.3 20.2 30.2

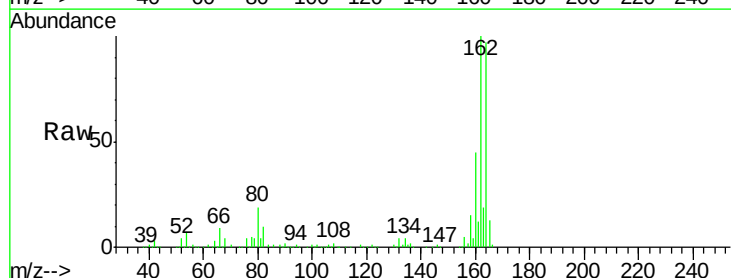


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

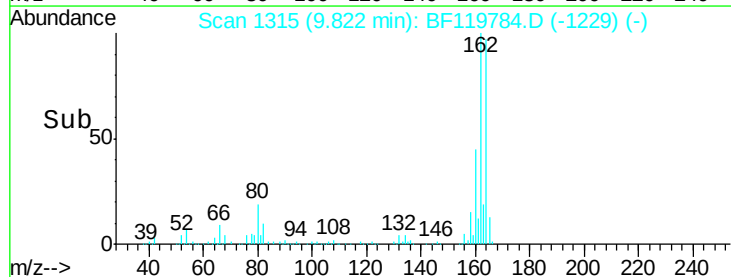
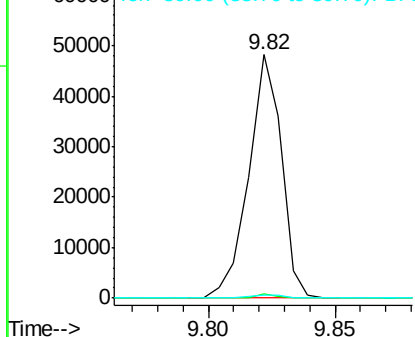


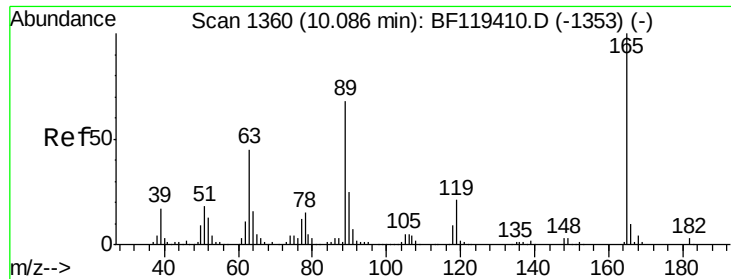
#51
 2,6-Dinitrotoluene
 Concen: 8.46 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

Tgt Ion:165 Resp: 43563
 Ion Ratio Lower Upper
 165 100
 63 1.5 45.0 67.4#
 89 1.0 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

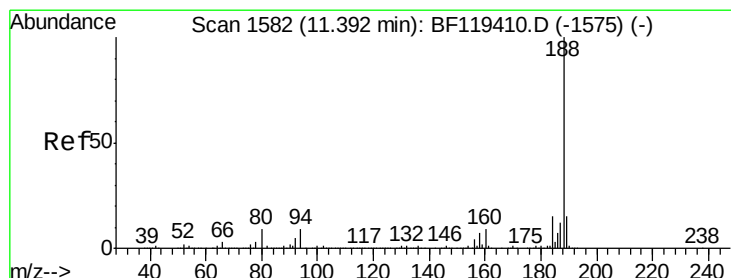
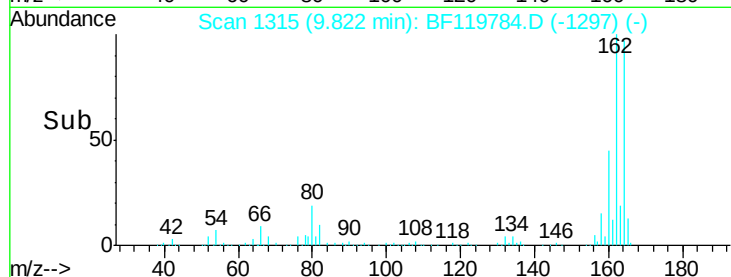
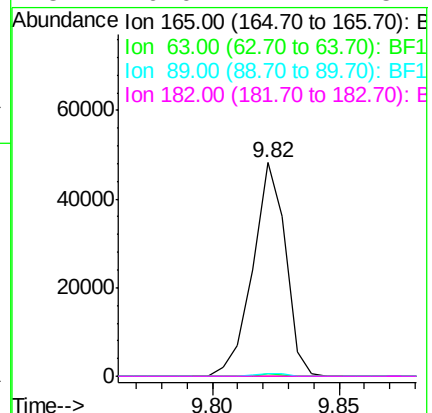
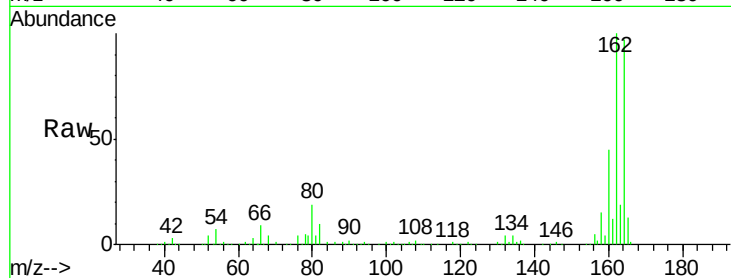




#57
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

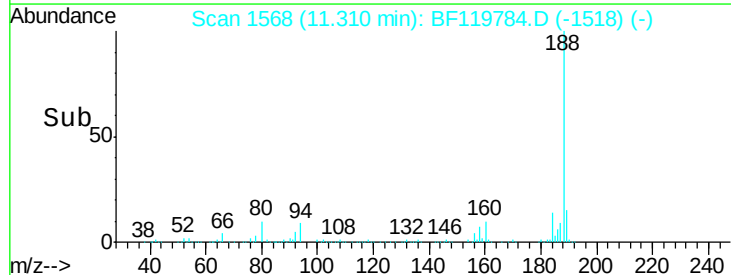
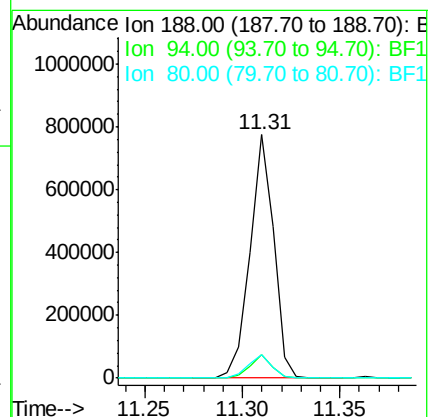
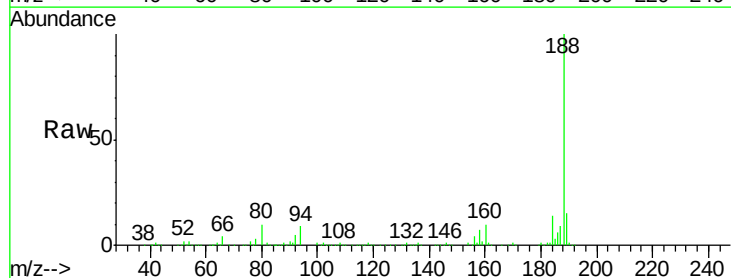
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

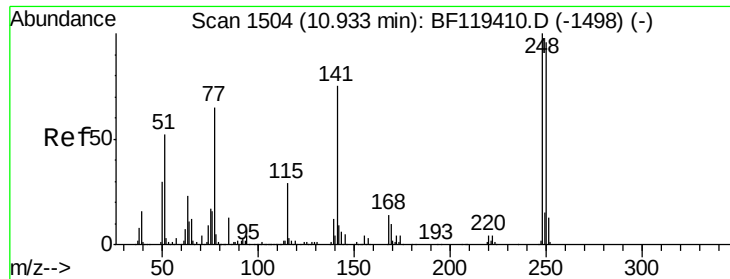
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.0	61.0	91.4#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	9.6	9.0	13.4

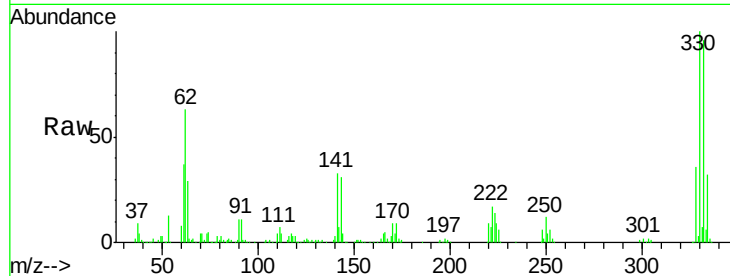




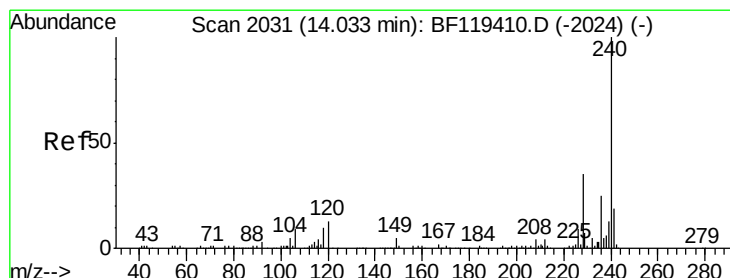
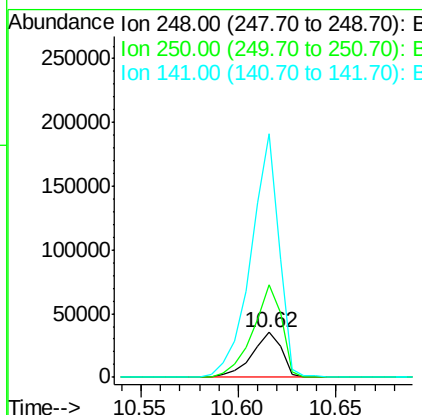
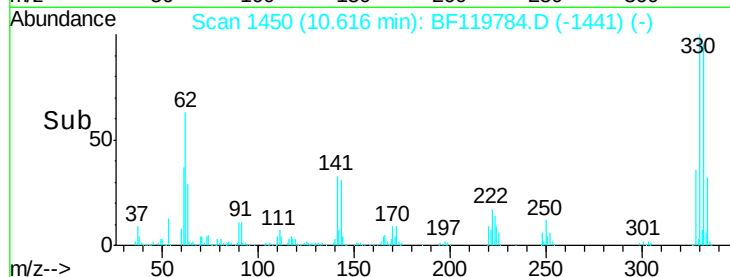
#67
 4-Bromophenyl-phenylether
 Concen: 5.00 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

Instrument :
 BNA_F
 ClientSampled :
 TP-8

Tgt Ion:248 Resp: 37273
 Ion Ratio Lower Upper
 248 100
 250 205.0 77.3 115.9#
 141 542.5 58.6 87.8#

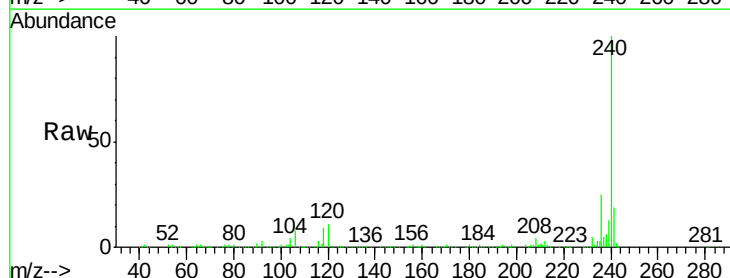


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

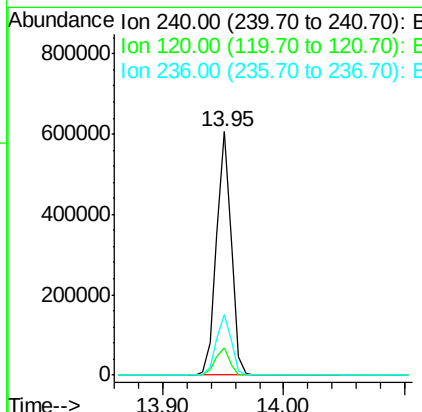
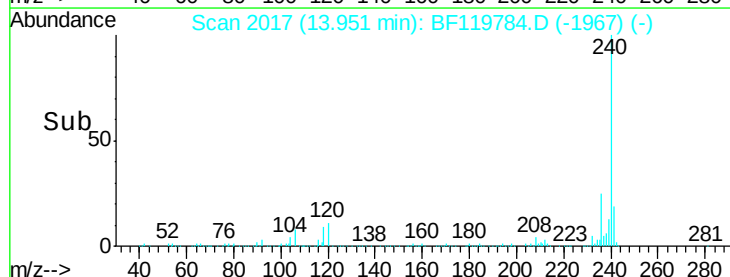


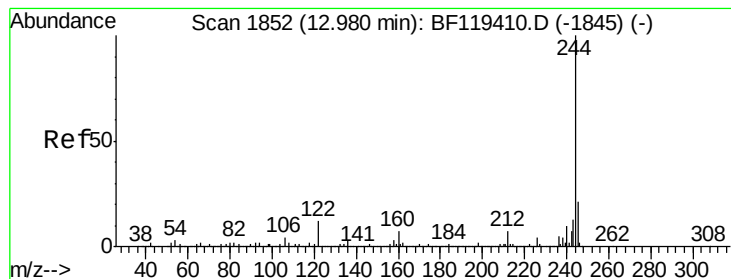
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF119784.D
 Acq: 6 Apr 2020 21:43

Tgt Ion:240 Resp: 500536
 Ion Ratio Lower Upper
 240 100
 120 11.2 10.6 15.8
 236 25.0 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: 109.15 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP-8

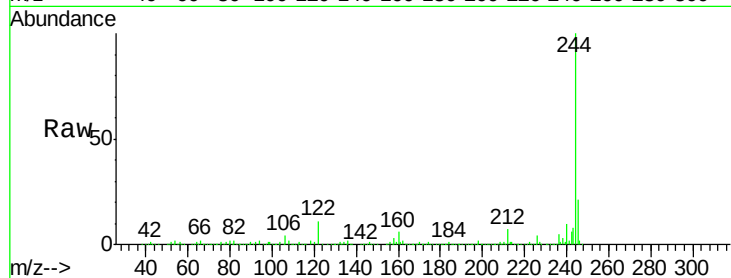
Tgt Ion:244 Resp: 2788432

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

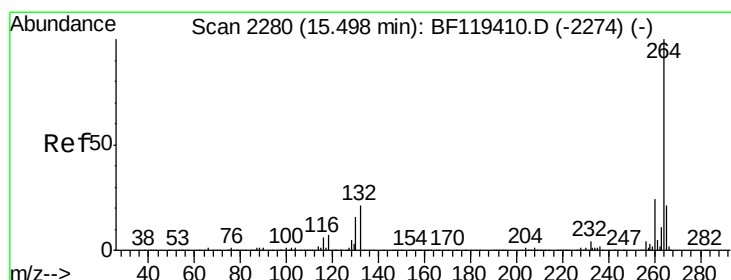
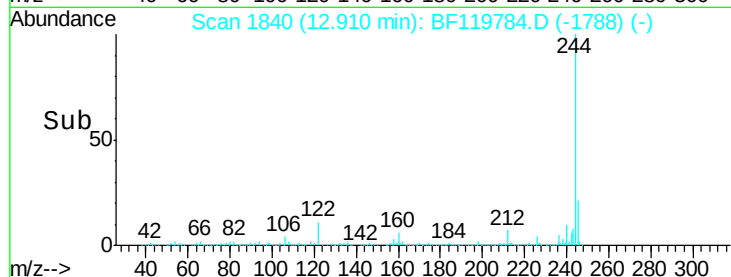
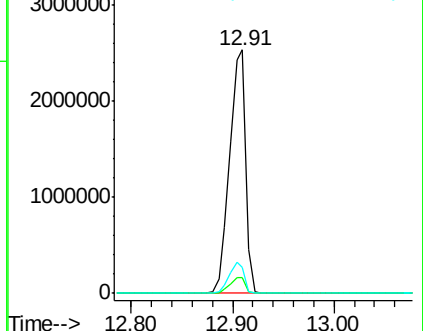
122 10.8 10.3 15.5



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: 20.00 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF119784.D

Acq: 6 Apr 2020 21:43

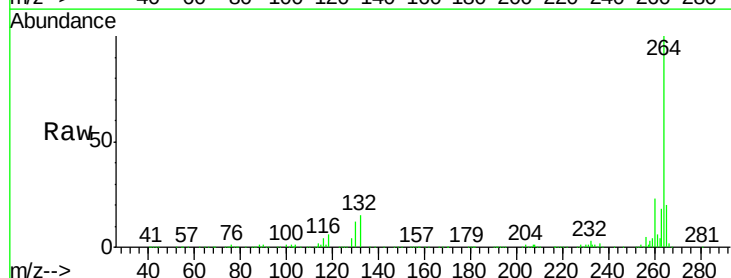
Tgt Ion:264 Resp: 423853

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.3 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

