

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119595.D
 Acq On : 28 Mar 2020 4:40
 Operator : CG/JU
 Sample : L2029-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2F-(0-2)

Quant Time: Mar 28 07:55:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

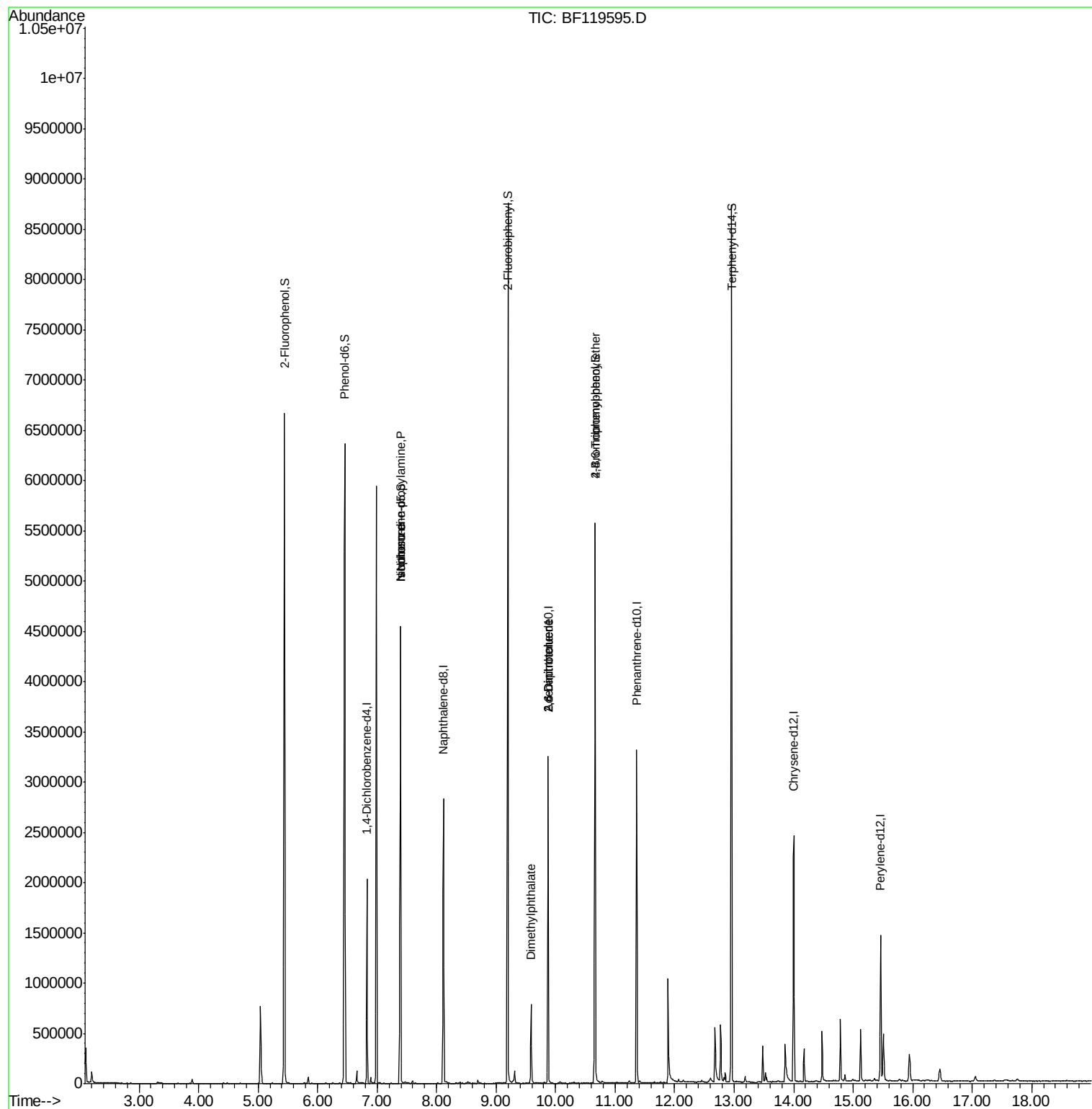
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	305817	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1168674	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	611344	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1193283	20.00	ng	0.00
76) Chrysene-d12	14.00	240	854550	20.00	ng	-0.01
87) Perylene-d12	15.46	264	696827	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1802929	93.85	ng	0.00
7) Phenol-d6	6.46	99	2376103	96.82	ng	0.00
23) Nitrobenzene-d5	7.39	82	1490401	69.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	716815	113.65	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2801364	67.89	ng	0.00
79) Terphenyl-d14	12.96	244	3227661	74.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	197379	13.34	ng	# 76
25) Isophorone	7.39	82	1478134	33.89	ng	# 65
50) Dimethylphthalate	9.59	163	272873	6.28	ng	99
51) 2,6-Dinitrotoluene	9.87	165	80608	8.66	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	80608	6.87	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	45688	3.36	ng	# 1

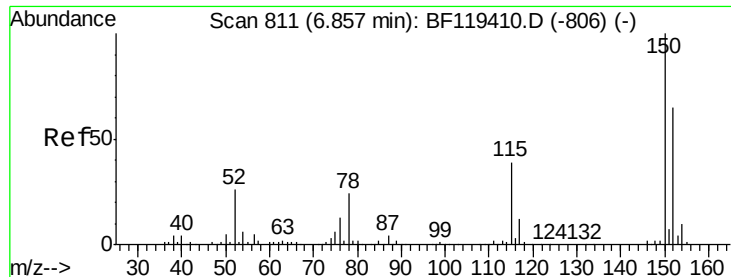
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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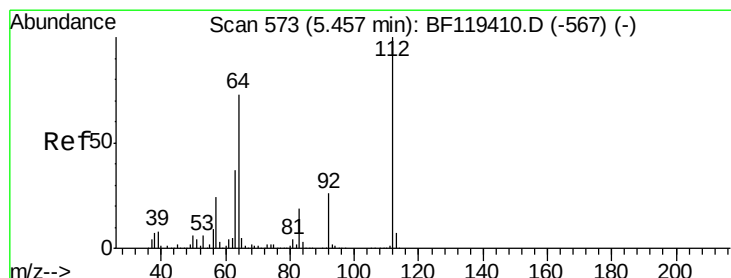
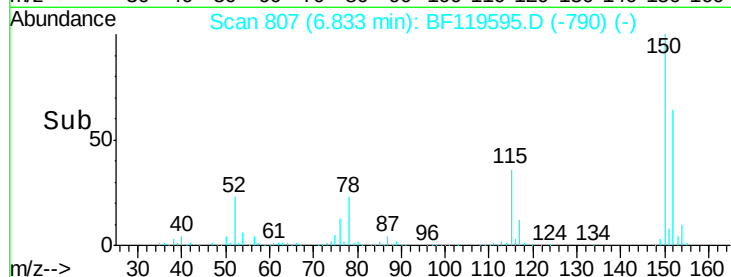
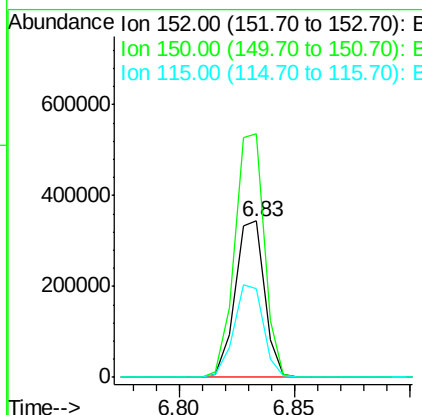
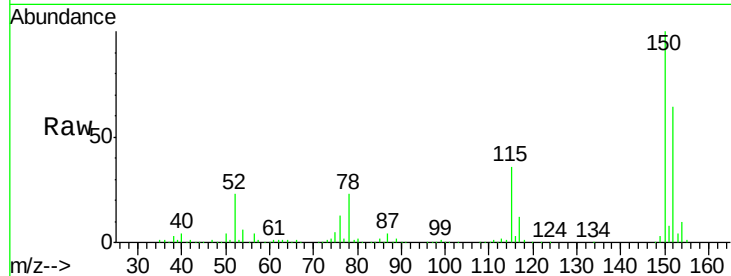




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119595.D
 Acq: 28 Mar 2020 4:40

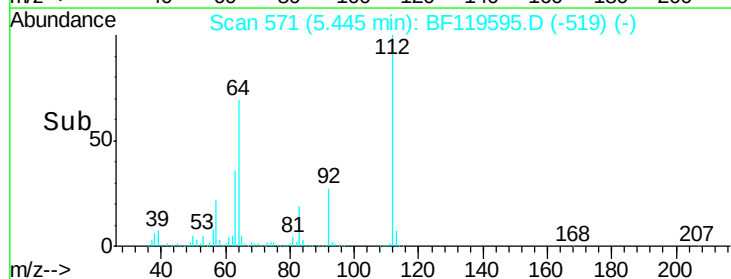
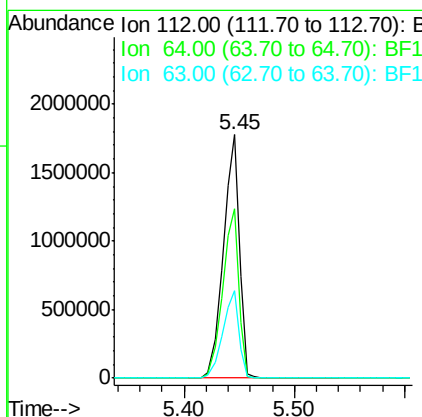
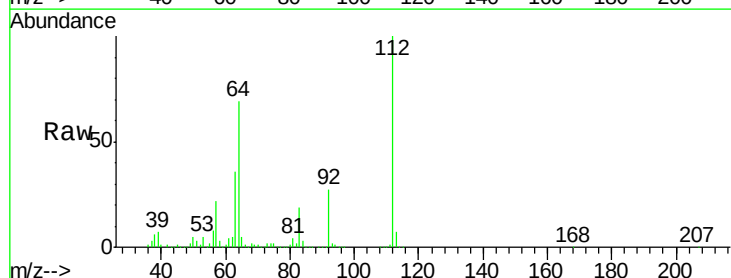
Instrument :
 BNA_F
 ClientSampleId :
 SB-2F-(0-2)

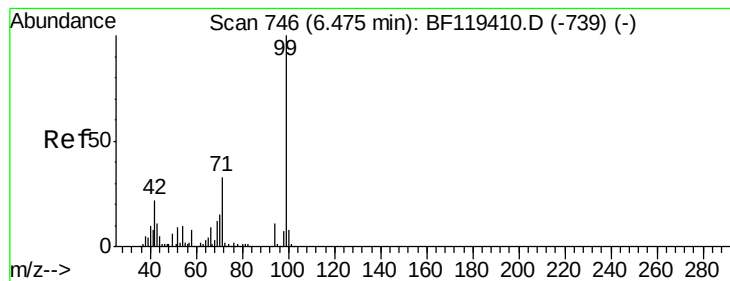
Tgt Ion:152 Resp: 305817
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.5 186.7
 115 56.7 49.6 74.4



#5
 2-Fluorophenol
 Concen: 93.85 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF119595.D
 Acq: 28 Mar 2020 4:40

Tgt Ion:112 Resp: 1802929
 Ion Ratio Lower Upper
 112 100
 64 69.4 56.7 85.1
 63 35.9 29.5 44.3





#7

Phenol-d6

Concen: 96.82 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

Instrument :

BNA_F

ClientSampled :

SB-2F-(0-2)

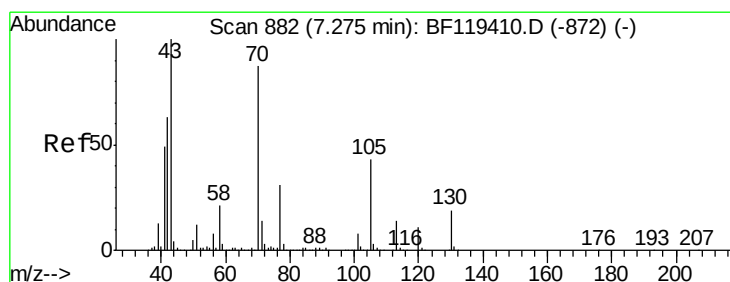
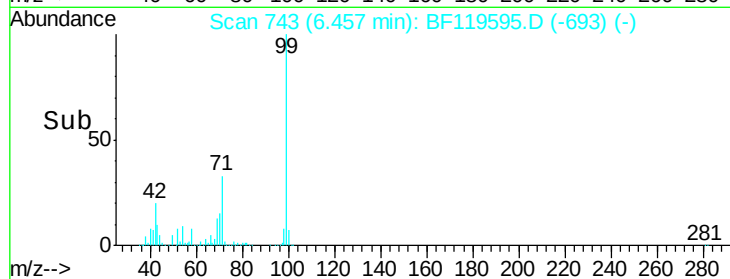
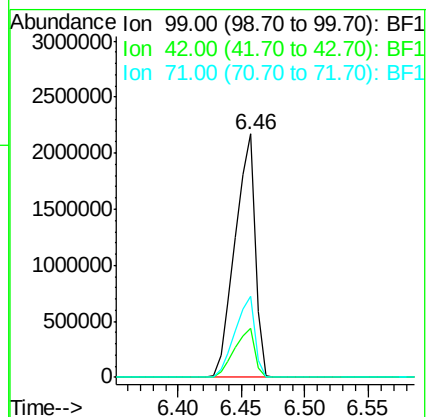
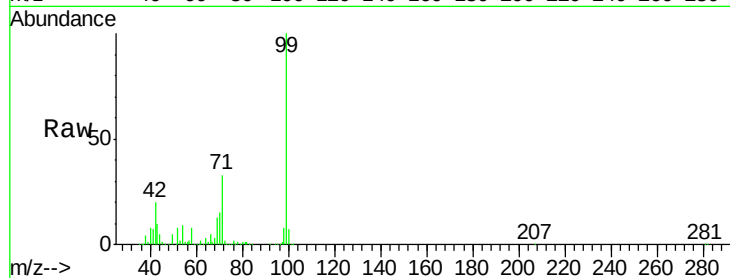
Tgt Ion: 99 Resp: 2376103

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

71 33.1 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.34 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

Tgt Ion: 70 Resp: 197379

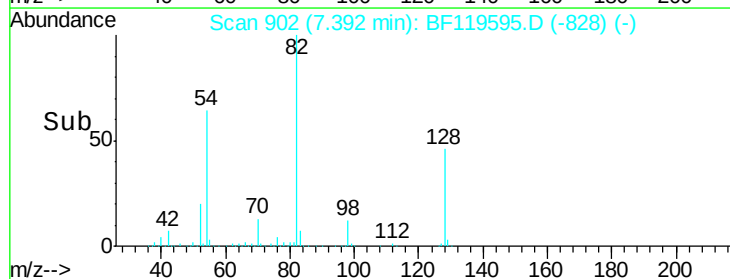
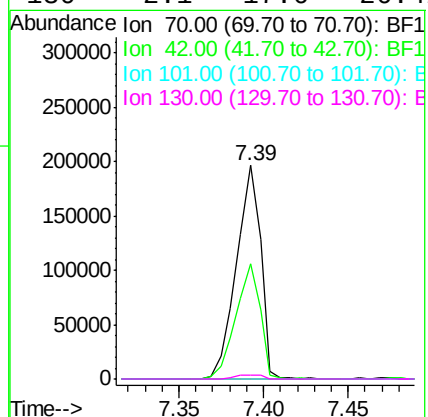
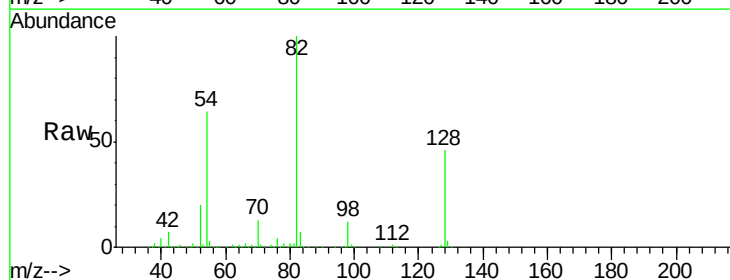
Ion Ratio Lower Upper

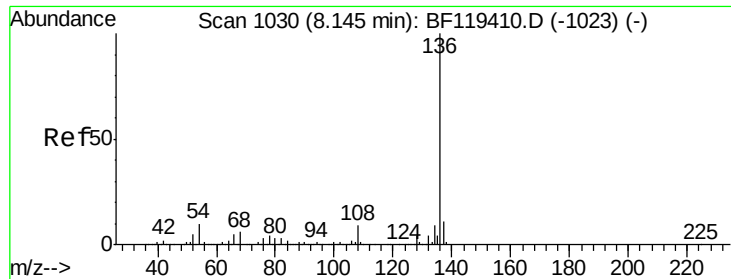
70 100

42 53.9 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

Instrument :

BNA_F

ClientSampleId :

SB-2F-(0-2)

Tgt Ion:136 Resp: 1168674

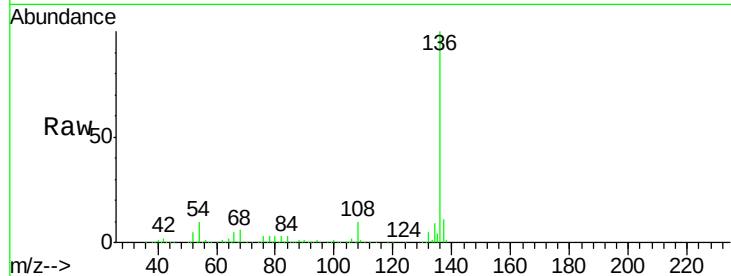
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.2 9.1 13.7

68 6.2 4.6 6.8

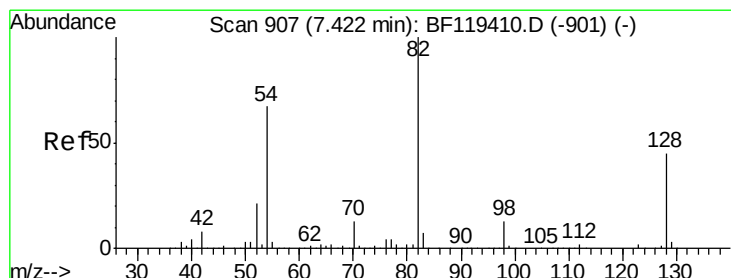
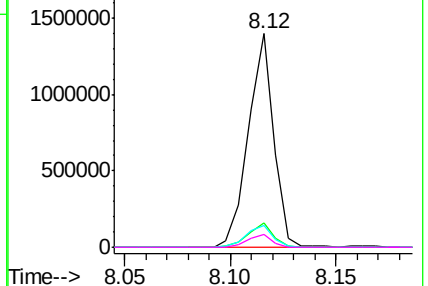
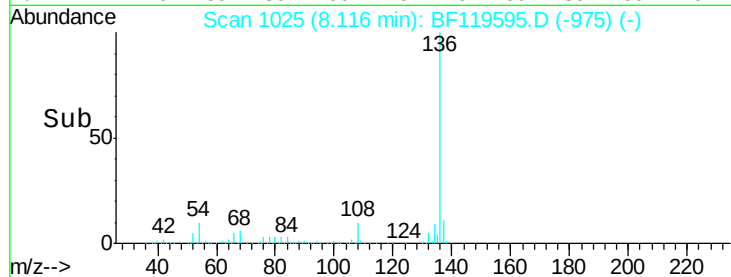


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.31 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

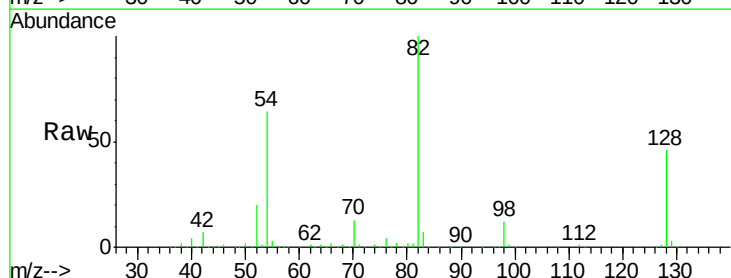
Tgt Ion: 82 Resp: 1490401

Ion Ratio Lower Upper

82 100

128 45.8 36.3 54.5

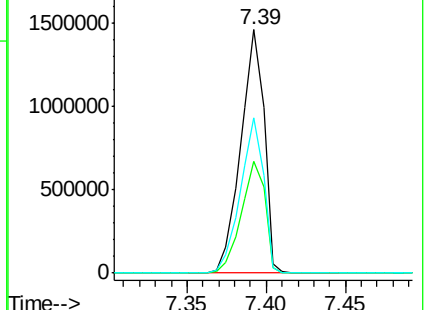
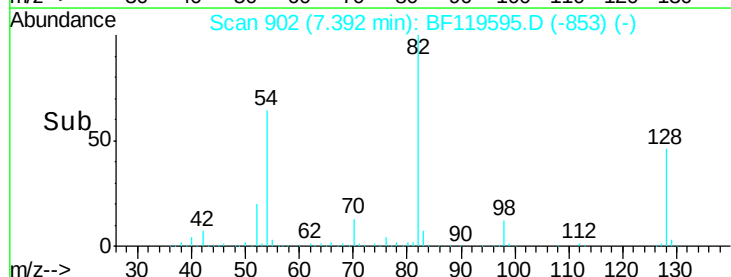
54 63.9 50.6 75.8

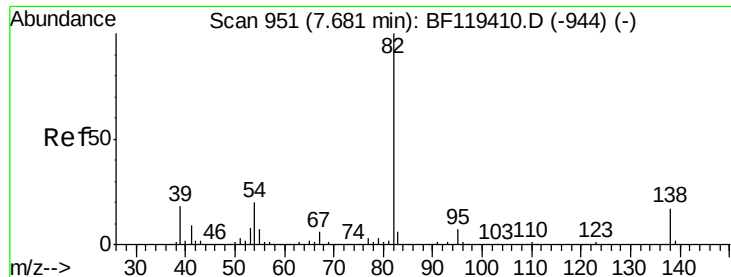


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.89 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

Instrument :

BNA_F

ClientSampleId :

SB-2F-(0-2)

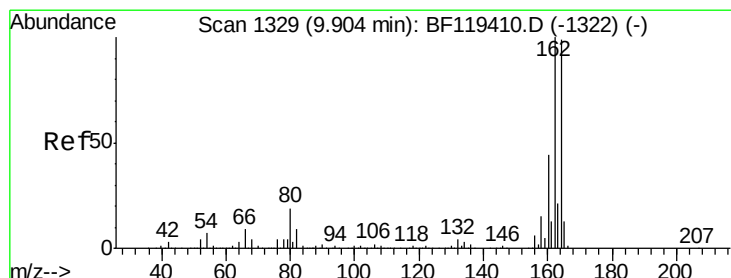
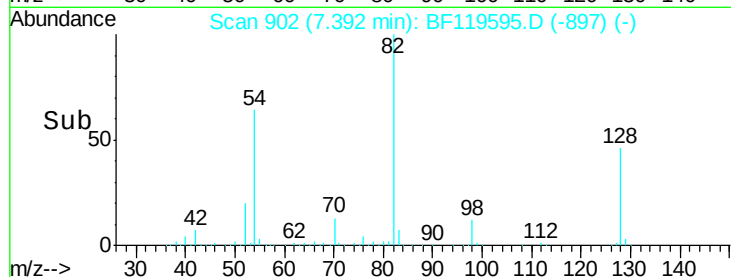
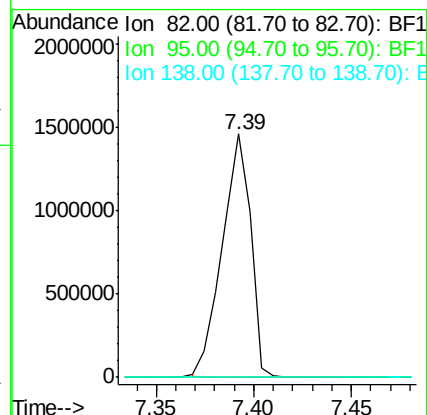
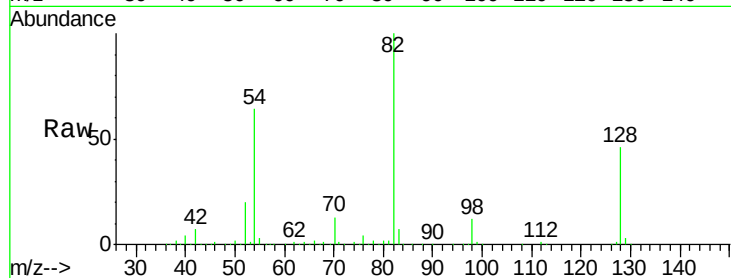
Tgt Ion: 82 Resp: 1478134

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

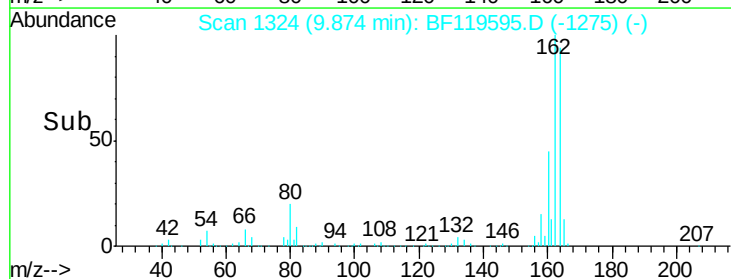
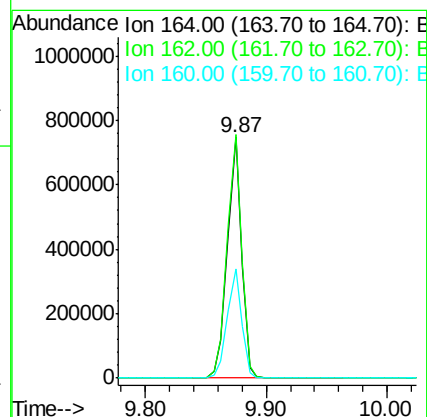
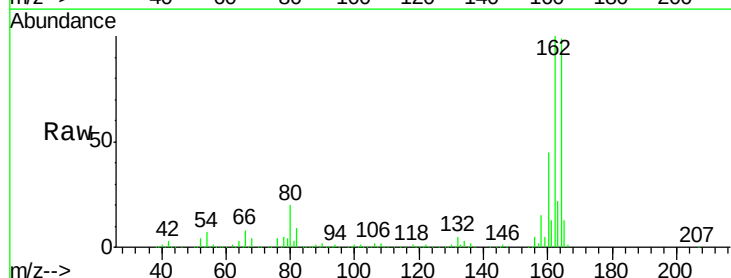
Tgt Ion: 164 Resp: 611344

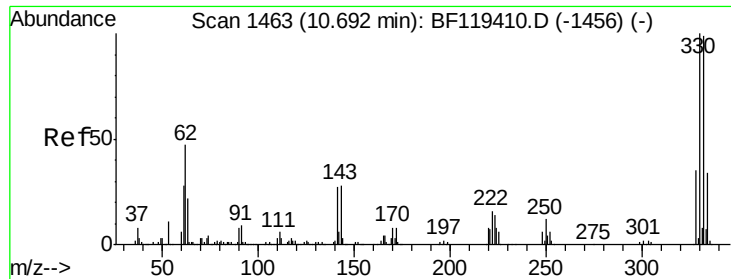
Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

160 45.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 113.65 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

Instrument :

BNA_F

ClientSampleId :

SB-2F-(0-2)

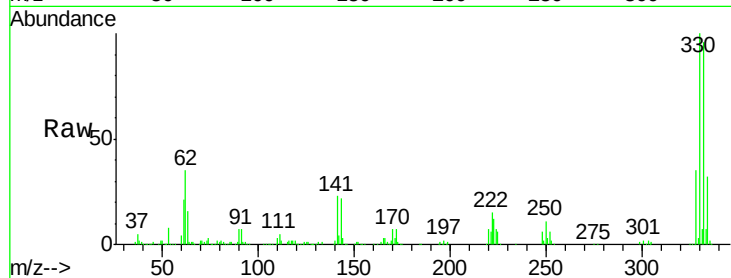
Tgt Ion:330 Resp: 716815

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

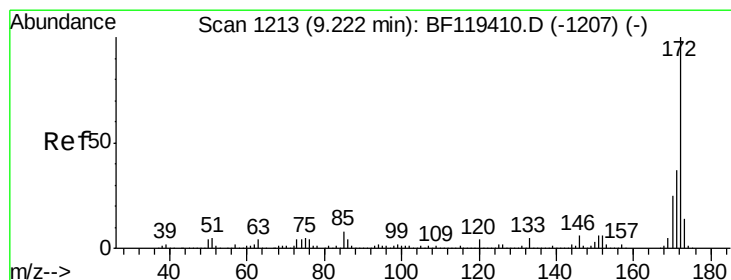
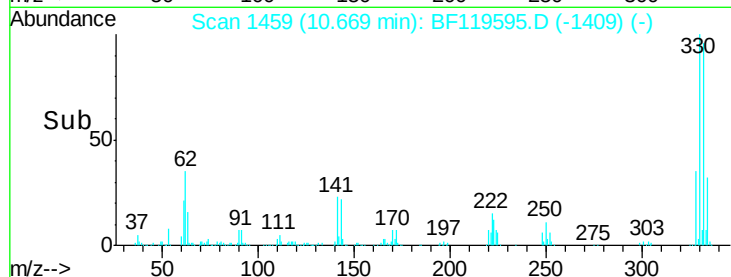
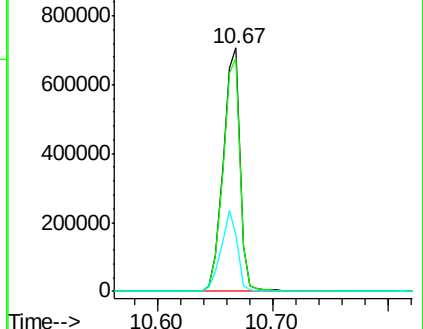
141 31.7 25.4 38.0



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: 67.89 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

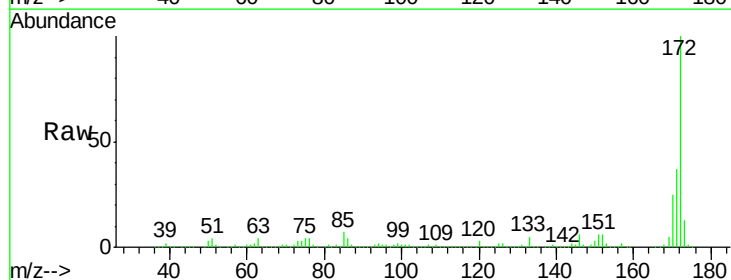
Tgt Ion:172 Resp: 2801364

Ion Ratio Lower Upper

172 100

171 37.4 29.6 44.4

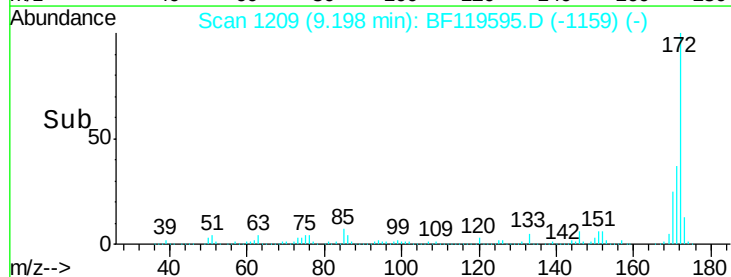
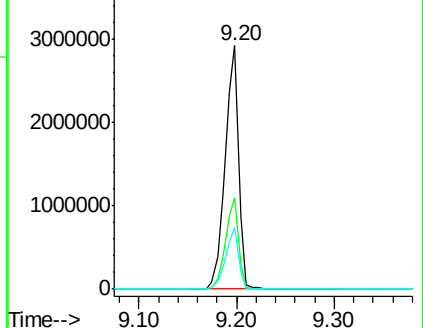
170 25.4 20.2 30.2

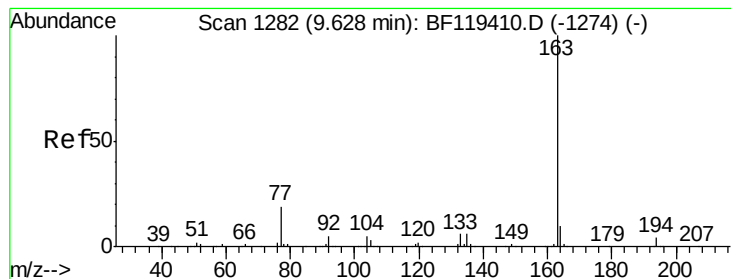


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.28 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

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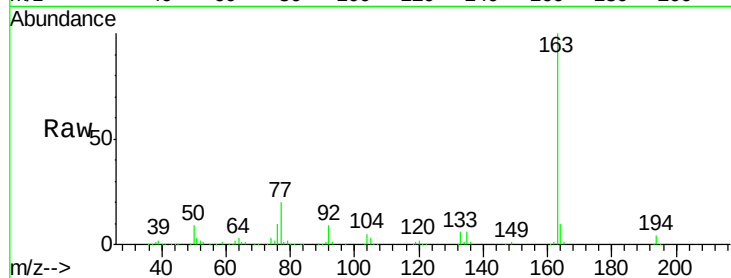
Tgt Ion:163 Resp: 272873

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

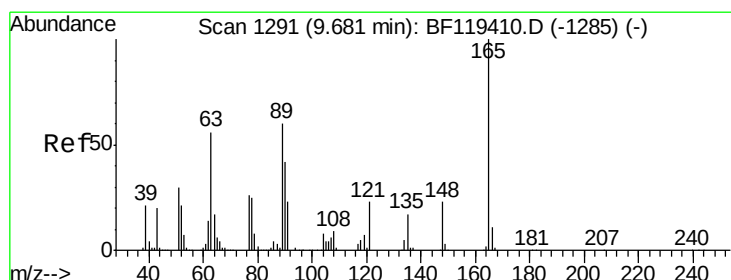
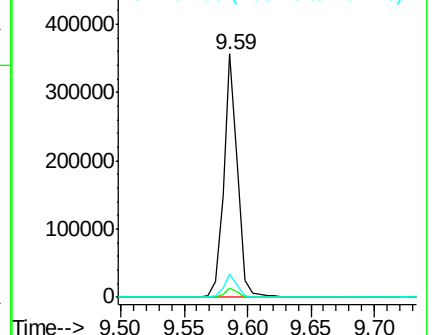
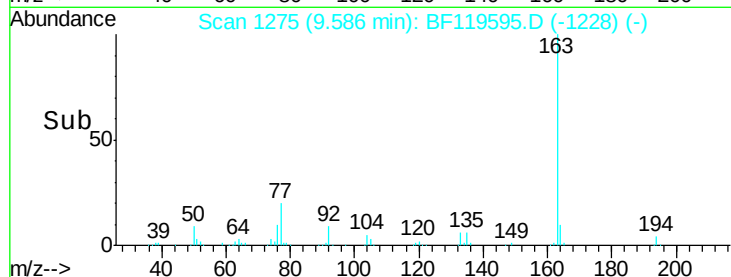
164 9.8 8.2 12.2



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: 8.66 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

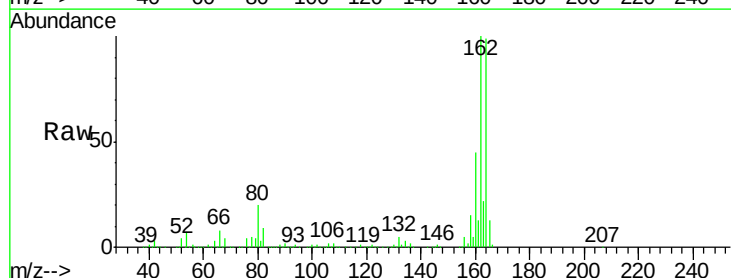
Tgt Ion:165 Resp: 80608

Ion Ratio Lower Upper

165 100

63 1.0 45.0 67.4#

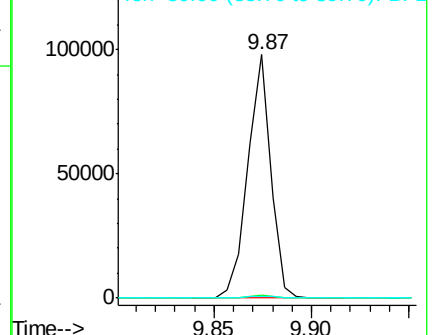
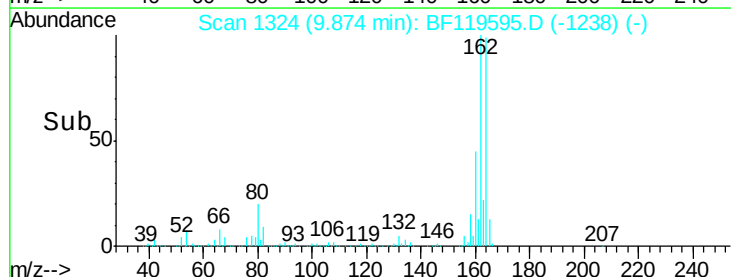
89 0.8 41.5 62.3#

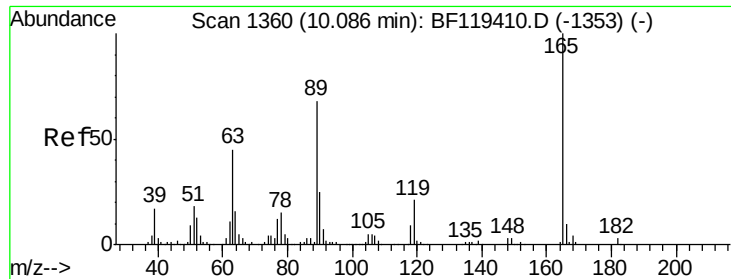


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.87 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

Instrument :

BNA_F

ClientSampleId :

SB-2F-(0-2)

Tgt Ion:165 Resp: 80608

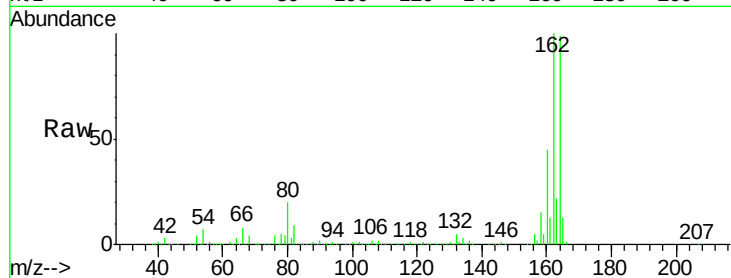
Ion Ratio Lower Upper

165 100

63 1.0 42.6 64.0#

89 0.8 61.0 91.4#

182 0.0 2.2 3.2#

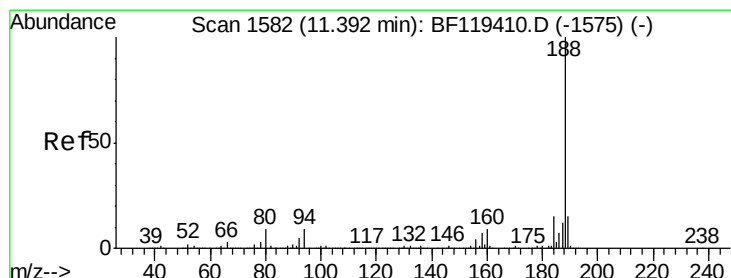
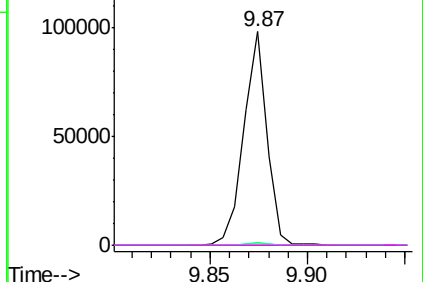
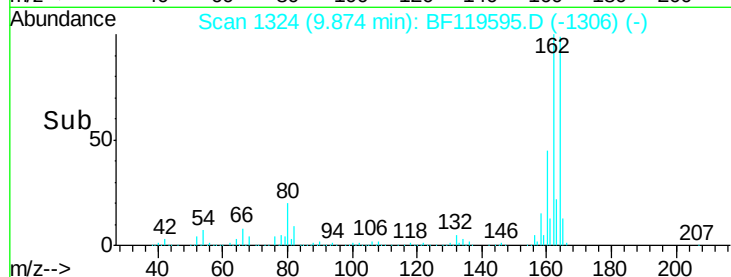


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

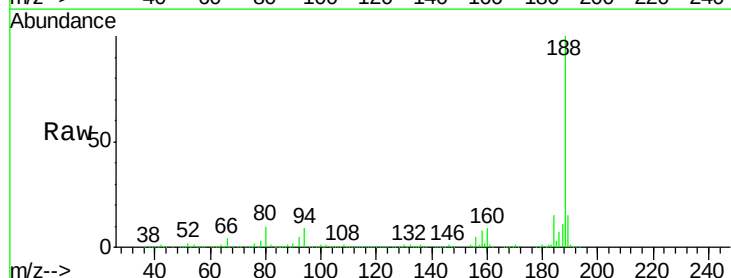
Tgt Ion:188 Resp: 1193283

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

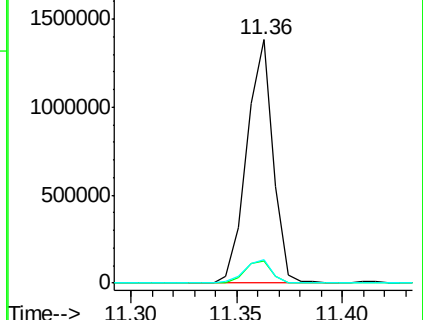
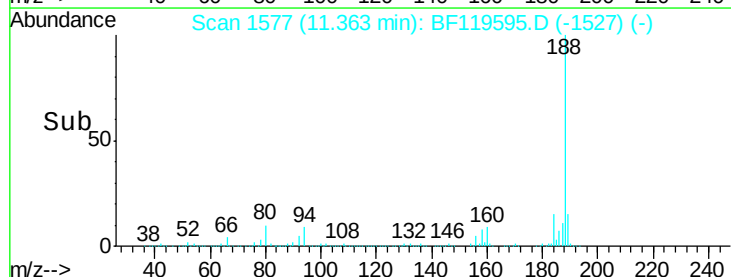
80 9.7 9.0 13.4

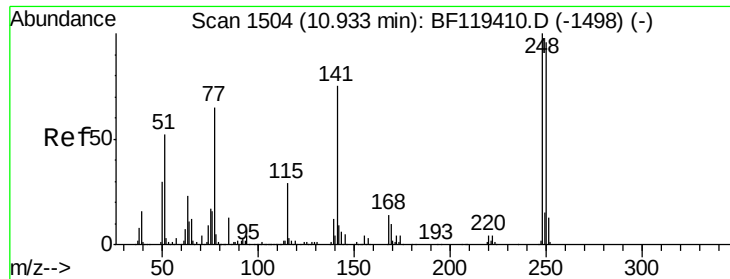


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

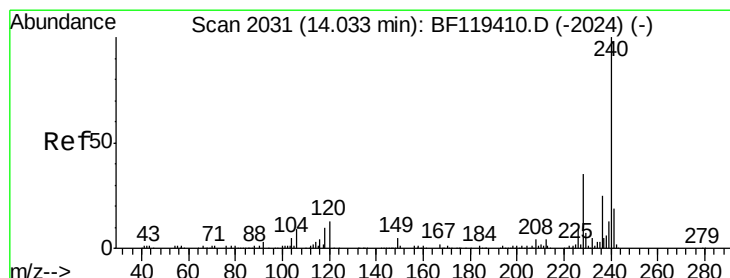
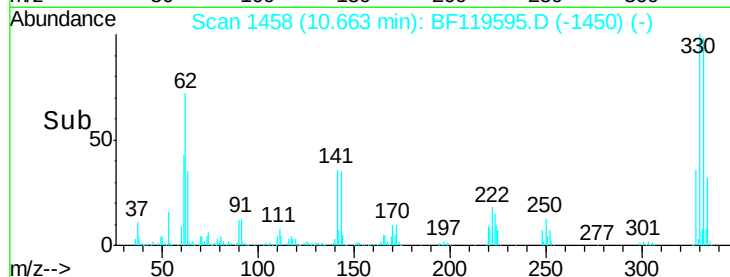
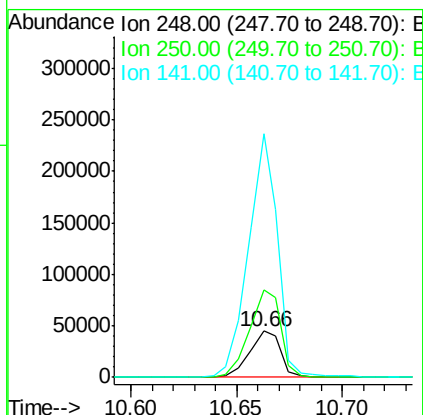
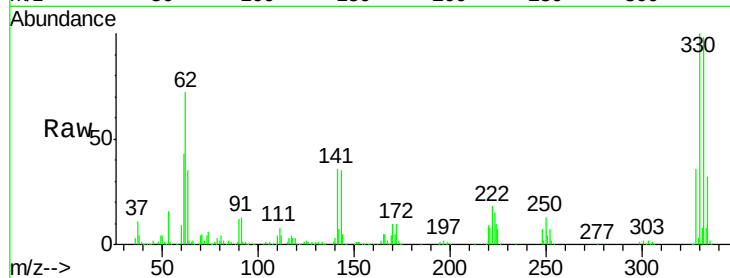




#67
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF119595.D
Acq: 28 Mar 2020 4:40

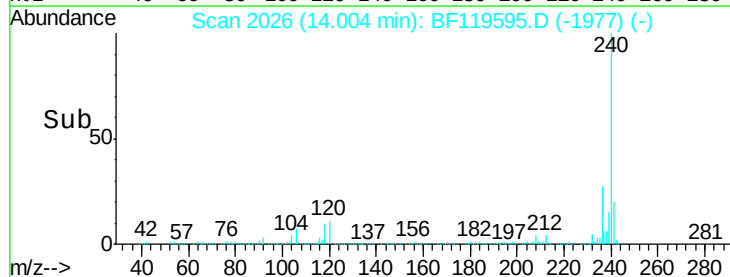
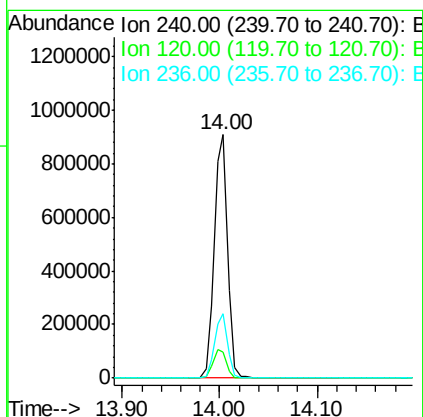
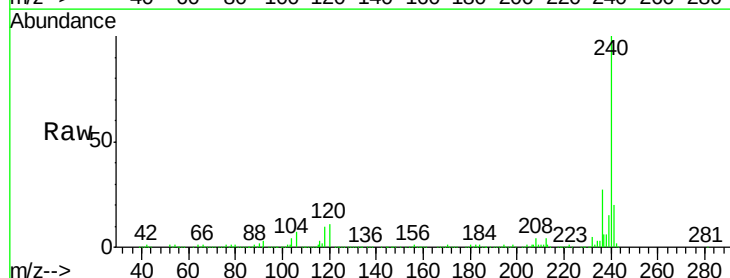
Instrument :
BNA_F
ClientSampleId :
SB-2F-(0-2)

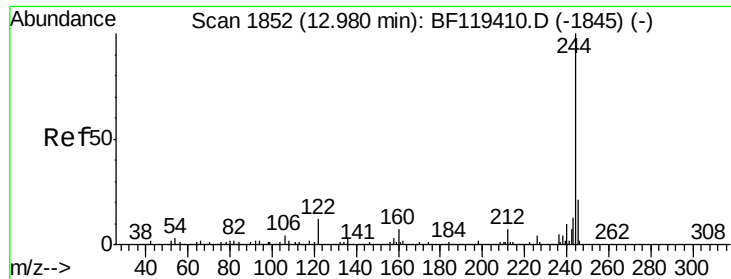
Tgt Ion: 248 Resp: 45688
Ion Ratio Lower Upper
248 100
250 188.7 77.3 115.9#
141 527.1 58.6 87.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119595.D
Acq: 28 Mar 2020 4:40

Tgt Ion: 240 Resp: 854550
Ion Ratio Lower Upper
240 100
120 10.7 10.6 15.8
236 26.6 20.2 30.2





#79

Terphenyl-d14

Concen: 74.00 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

Instrument :

BNA_F

ClientSampleId :

SB-2F-(0-2)

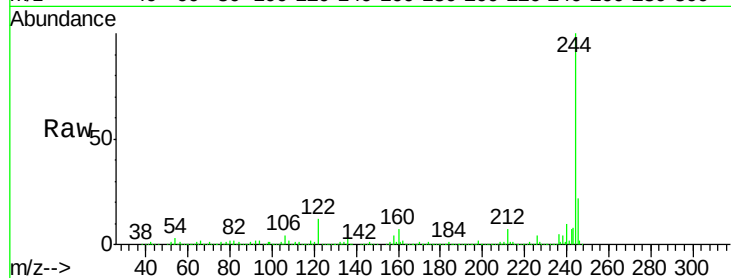
Tgt Ion:244 Resp: 3227661

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

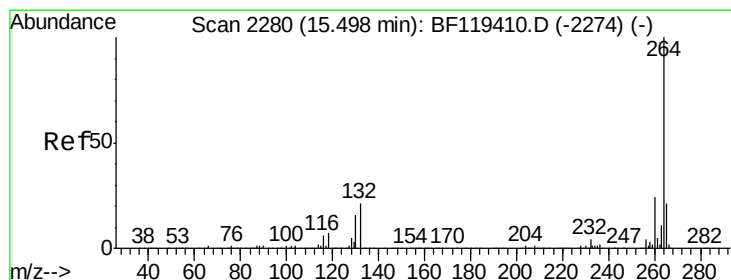
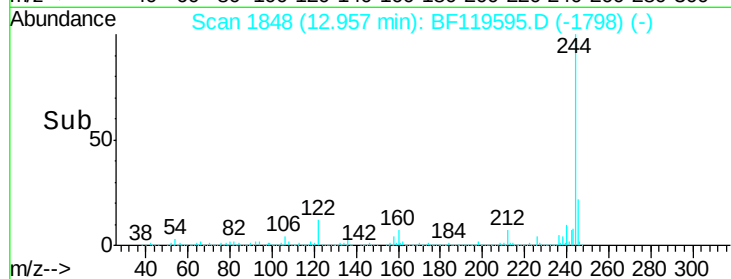
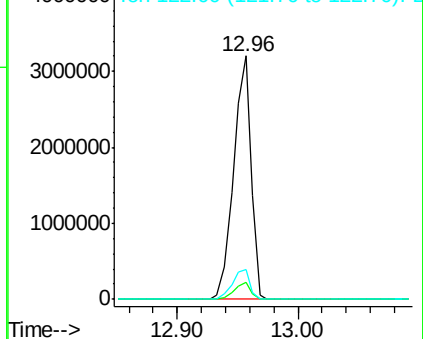
122 12.4 10.3 15.5



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: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF119595.D

Acq: 28 Mar 2020 4:40

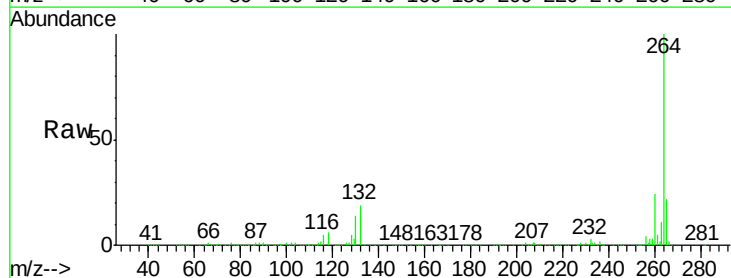
Tgt Ion:264 Resp: 696827

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.6 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

