

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119599.D
 Acq On : 28 Mar 2020 6:27
 Operator : CG/JU
 Sample : L2029-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1C-(0-2)

Quant Time: Mar 28 07:56:32 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

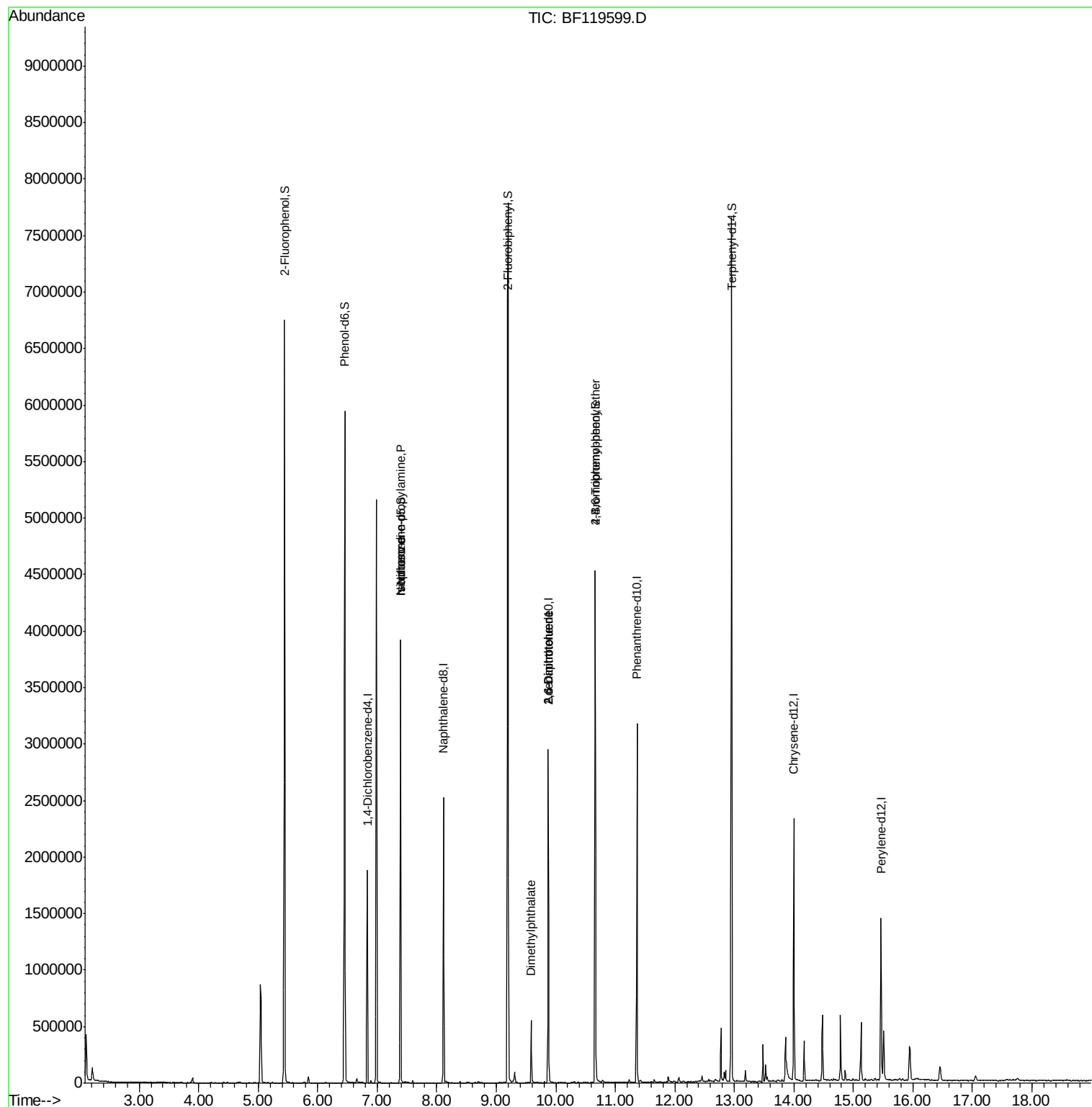
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	275677	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1049537	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	572734	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1137061	20.00	ng	0.00
76) Chrysene-d12	14.00	240	814935	20.00	ng	-0.01
87) Perylene-d12	15.46	264	682343	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1731259	99.97	ng	0.00
7) Phenol-d6	6.46	99	2129020	96.24	ng	0.00
23) Nitrobenzene-d5	7.39	82	1191742	61.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	529089	89.54	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2547645	65.90	ng	0.00
79) Terphenyl-d14	12.95	244	2931538	70.48	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	158471	11.88	ng	# 75
25) Isophorone	7.39	82	1182895	30.20	ng	# 65
50) Dimethylphthalate	9.59	163	203898	5.01	ng	99
51) 2,6-Dinitrotoluene	9.87	165	74544	8.55	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	74544	6.79	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	31866	2.46	ng	# 1

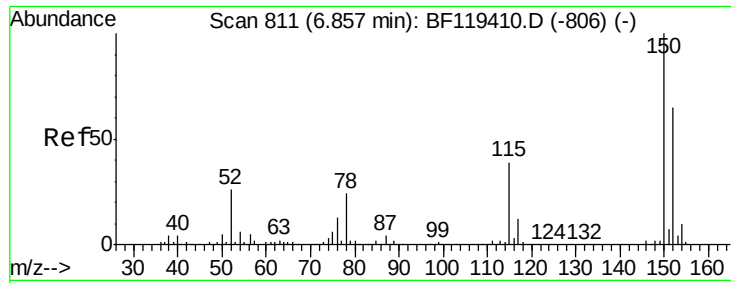
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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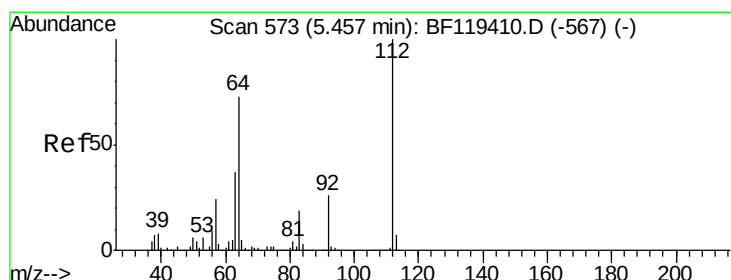
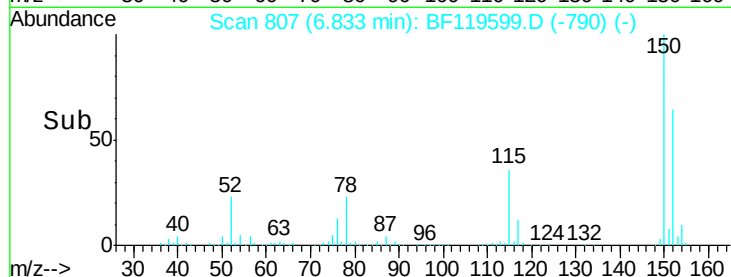
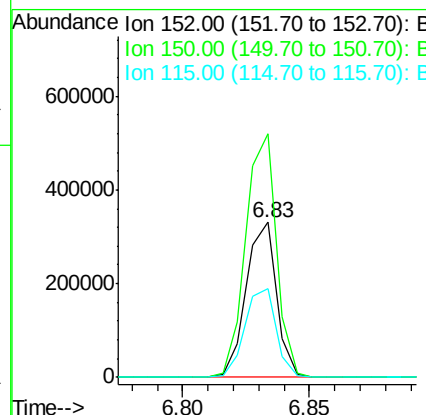
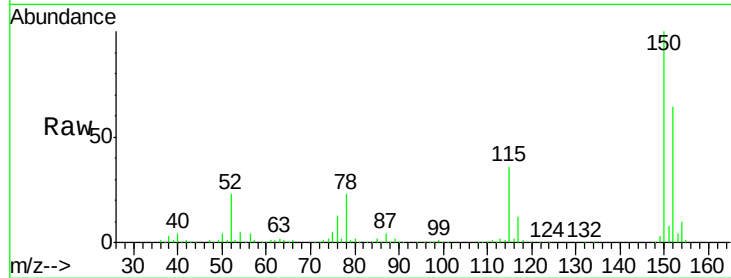




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119599.D
 Acq: 28 Mar 2020 6:27

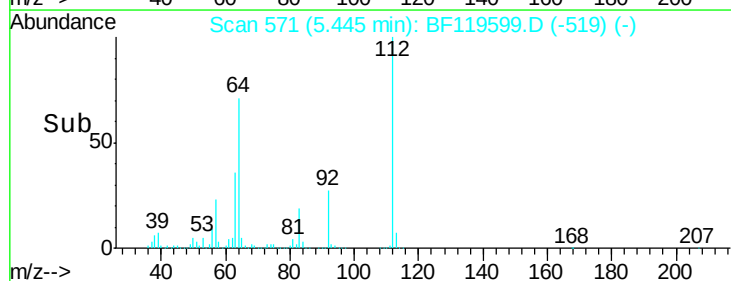
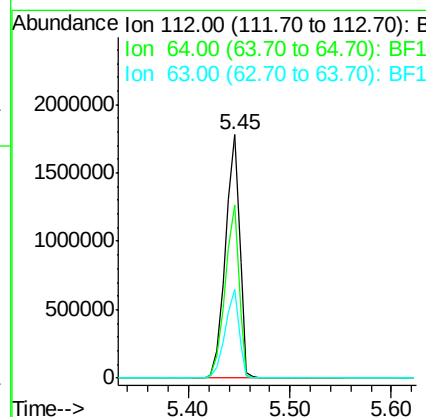
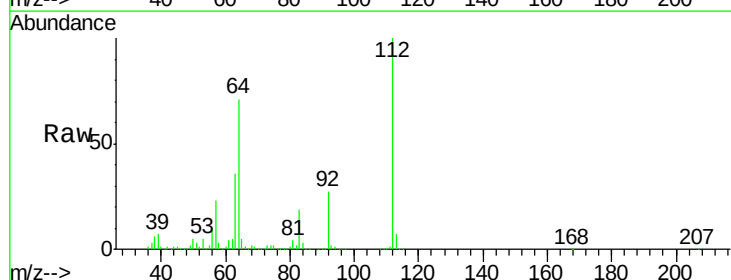
Instrument :
 BNA_F
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 SB-1C-(0-2)

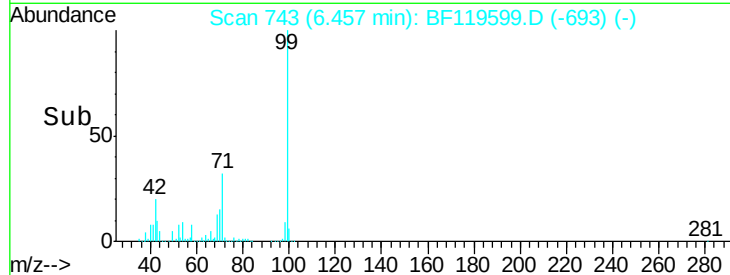
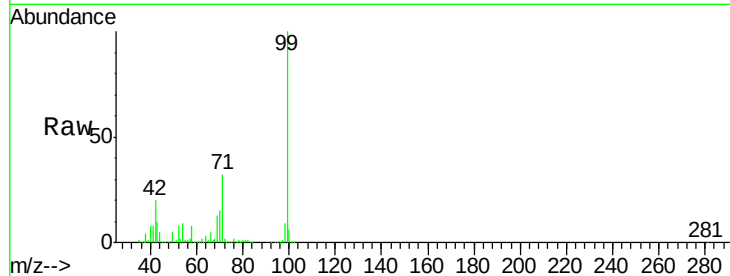
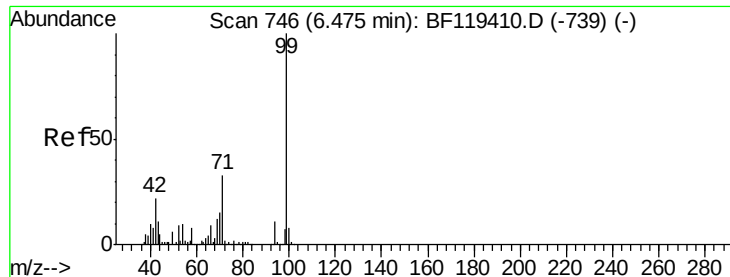
Tgt Ion:152 Resp: 275677
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.5 186.7
 115 56.9 49.6 74.4



#5
 2-Fluorophenol
 Concen: 99.97 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF119599.D
 Acq: 28 Mar 2020 6:27

Tgt Ion:112 Resp: 1731259
 Ion Ratio Lower Upper
 112 100
 64 71.2 56.7 85.1
 63 36.2 29.5 44.3





#7

Phenol-d6

Concen: 96.24 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119599.D

Acq: 28 Mar 2020 6:27

Instrument :

BNA_F

ClientSampleId :

SB-1C-(0-2)

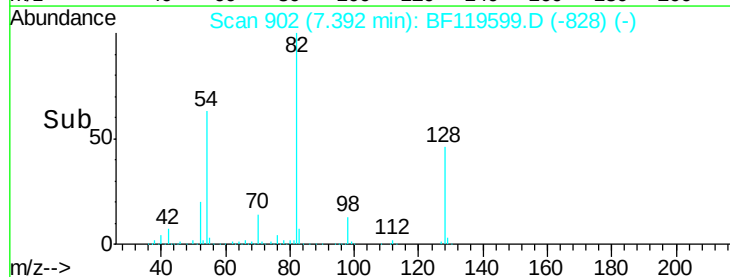
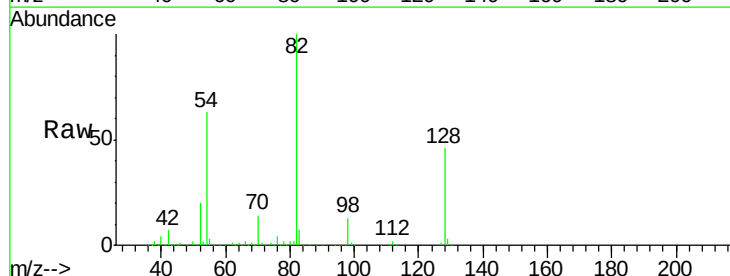
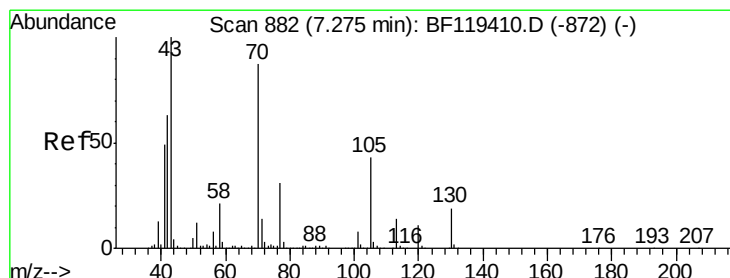
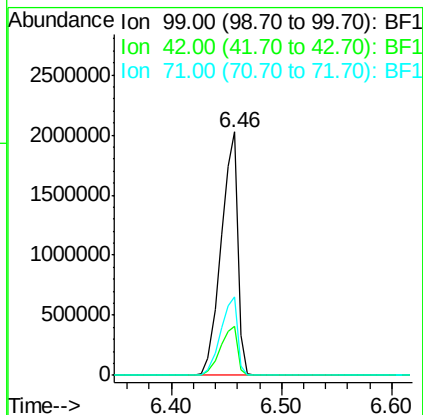
Tgt Ion: 99 Resp: 2129020

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

71 32.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.88 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119599.D

Acq: 28 Mar 2020 6:27

Tgt Ion: 70 Resp: 158471

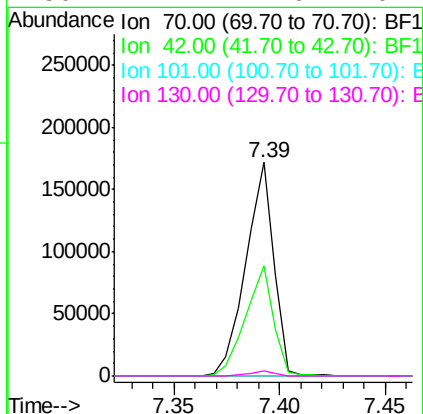
Ion Ratio Lower Upper

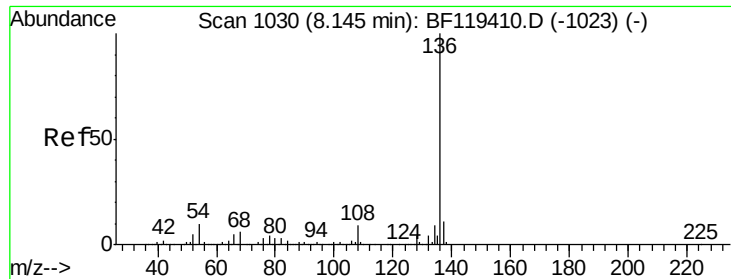
70 100

42 51.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

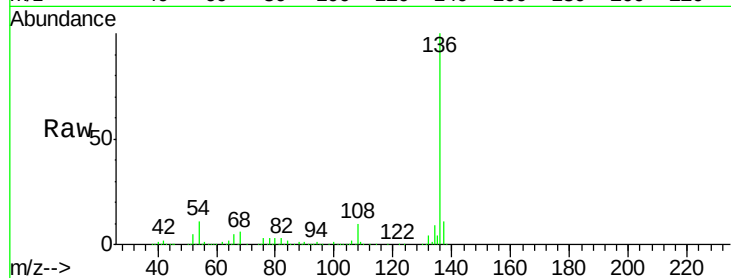




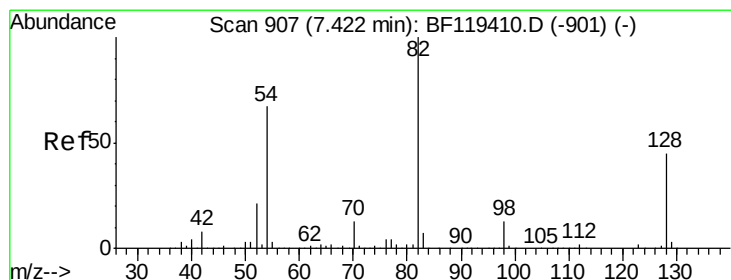
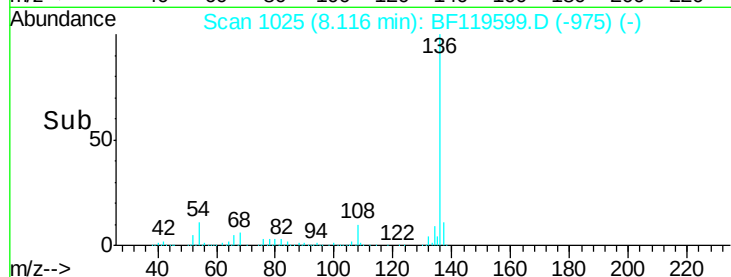
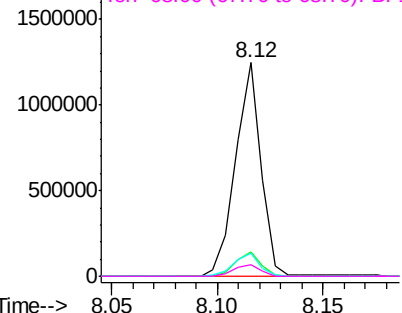
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119599.D
Acq: 28 Mar 2020 6:27

Instrument :
BNA_F
ClientSampleId :
SB-1C-(0-2)

Tgt Ion:	136	Resp:	1049537
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.6	9.1	13.7
68	5.6	4.6	6.8

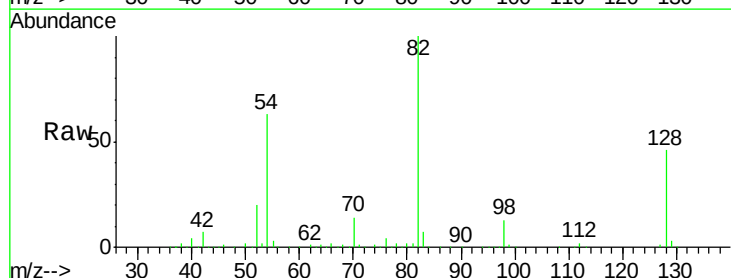


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

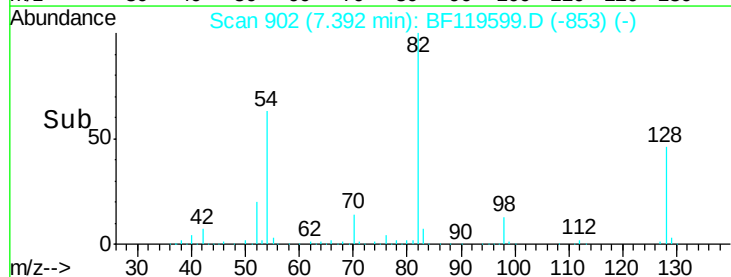
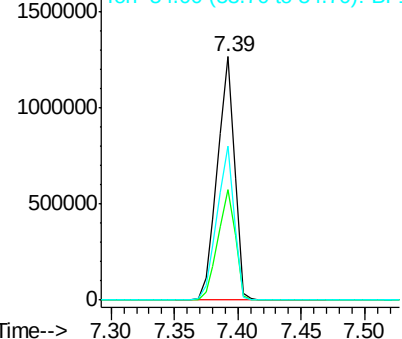


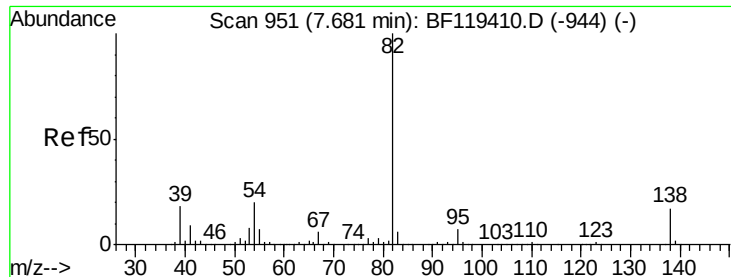
#23
Nitrobenzene-d5
Concen: 61.71 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119599.D
Acq: 28 Mar 2020 6:27

Tgt Ion:	82	Resp:	1191742
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	63.3	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: 30.20 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119599.D

Acq: 28 Mar 2020 6:27

Instrument :

BNA_F

ClientSampleId :

SB-1C-(0-2)

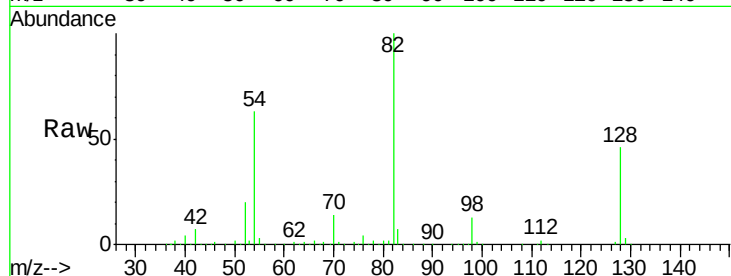
Tgt Ion: 82 Resp: 1182895

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

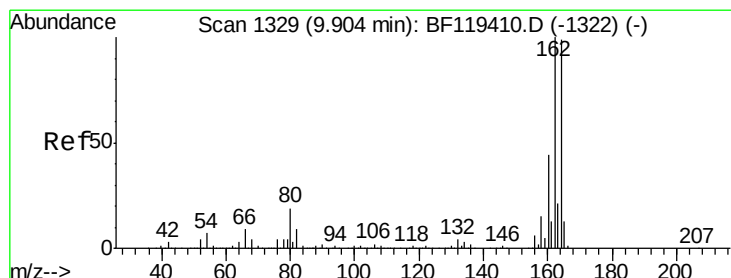
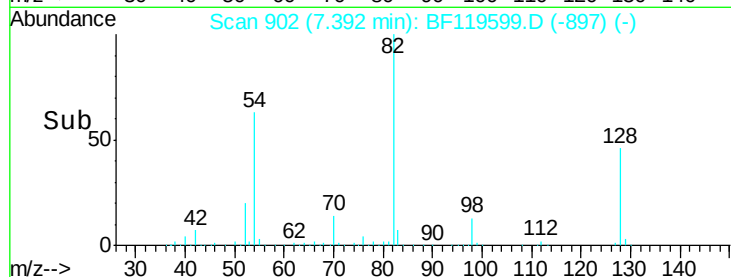
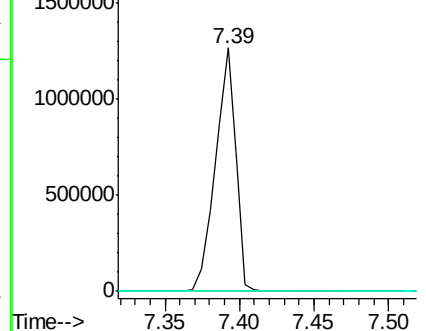
138 0.0 14.6 21.8#



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119599.D

Acq: 28 Mar 2020 6:27

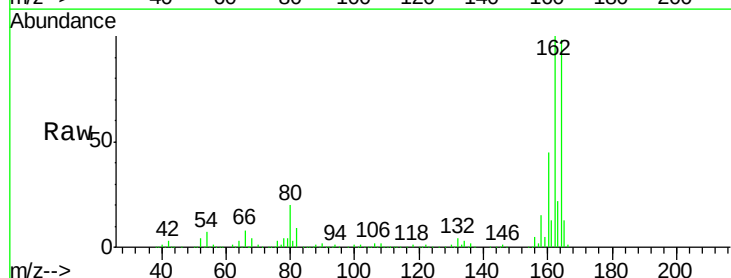
Tgt Ion: 164 Resp: 572734

Ion Ratio Lower Upper

164 100

162 101.7 80.6 121.0

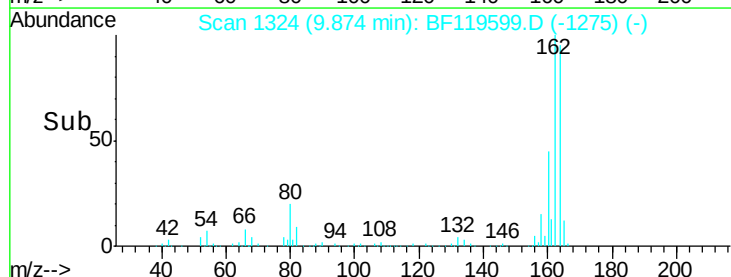
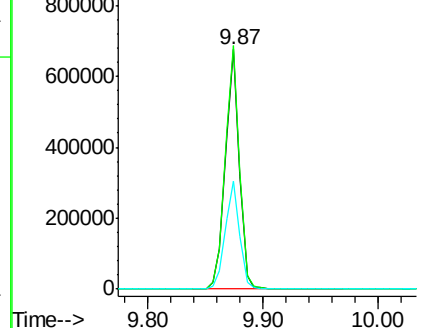
160 45.3 35.7 53.5

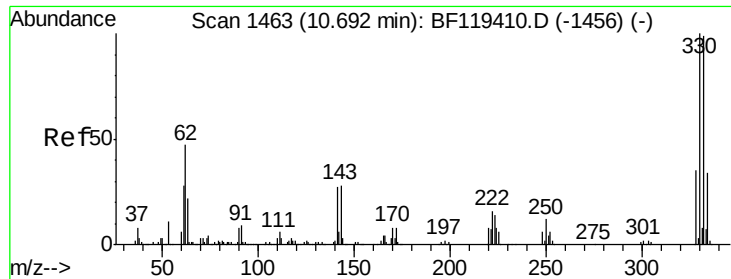


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 89.54 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF119599.D

Acq: 28 Mar 2020 6:27

Instrument :

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ClientSampleId :

SB-1C-(0-2)

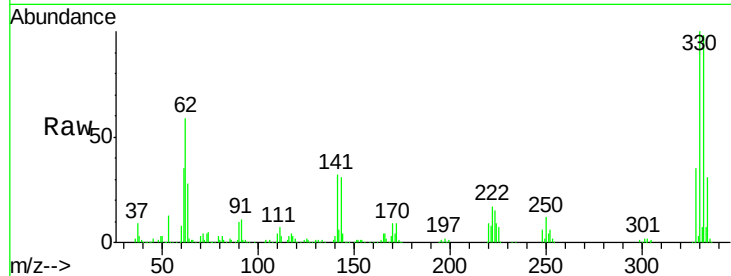
Tgt Ion:330 Resp: 529089

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

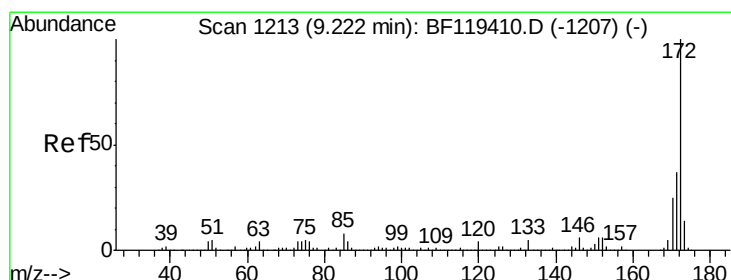
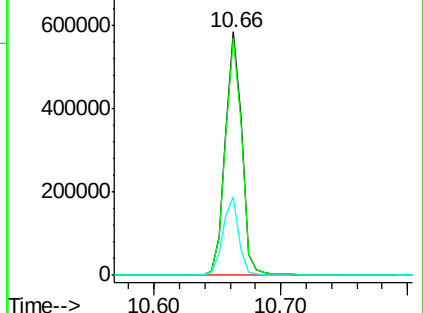
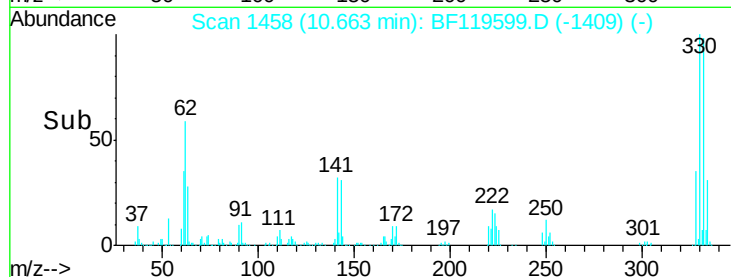
141 31.1 25.4 38.0



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: 65.90 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119599.D

Acq: 28 Mar 2020 6:27

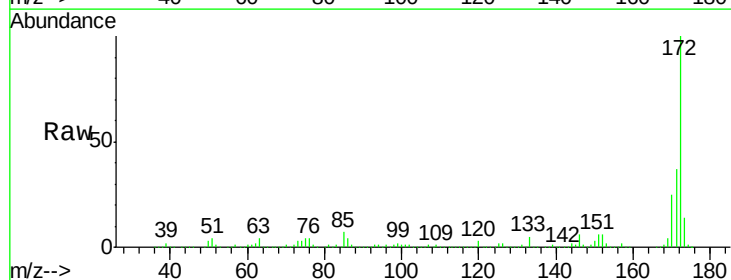
Tgt Ion:172 Resp: 2547645

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

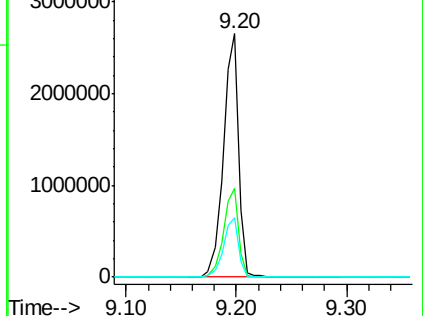
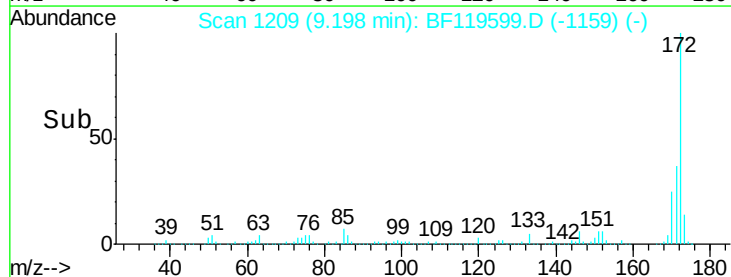
170 24.6 20.2 30.2

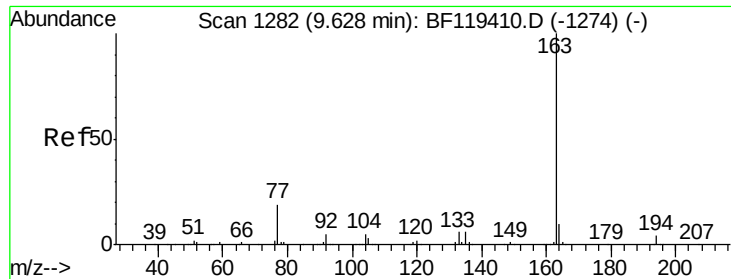


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

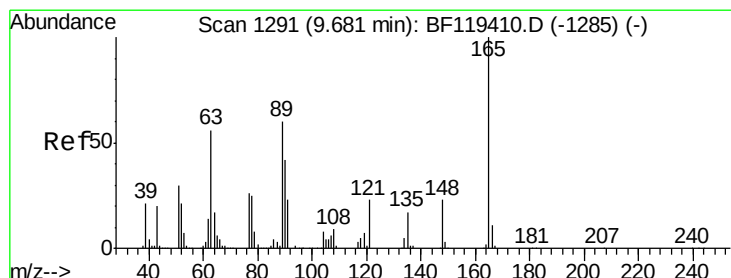
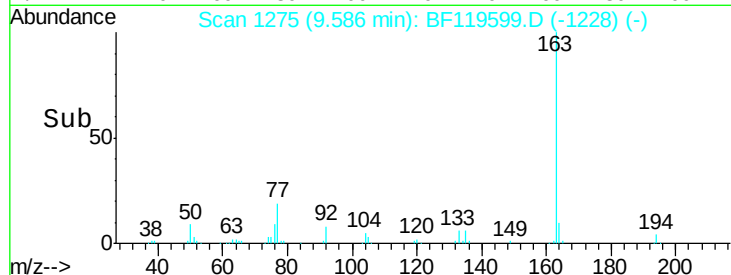
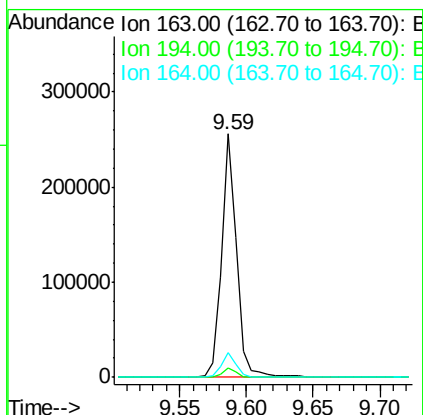
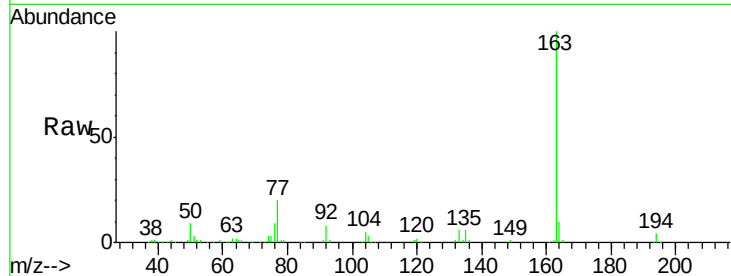




#50
Dimethylphthalate
Concen: 5.01 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119599.D
Acq: 28 Mar 2020 6:27

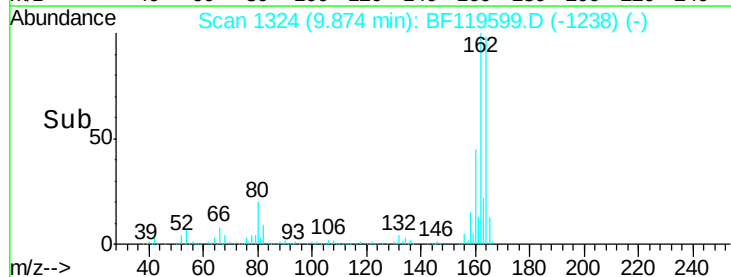
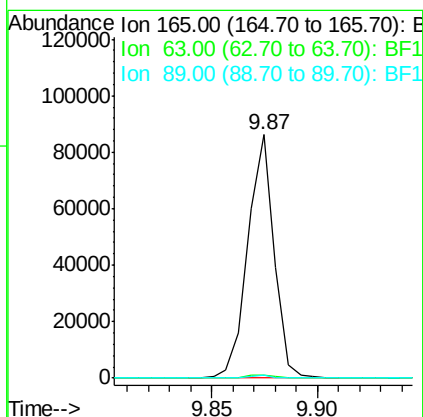
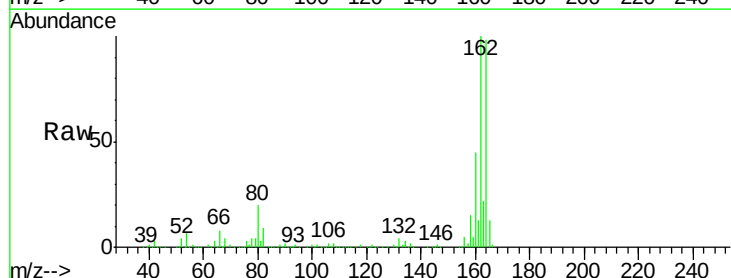
Instrument :
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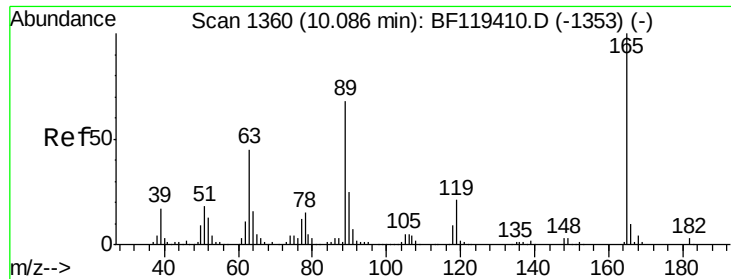
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.9	8.2	12.2



#51
2,6-Dinitrotoluene
Concen: 8.55 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF119599.D
Acq: 28 Mar 2020 6:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.0	67.4#
89	1.3	41.5	62.3#

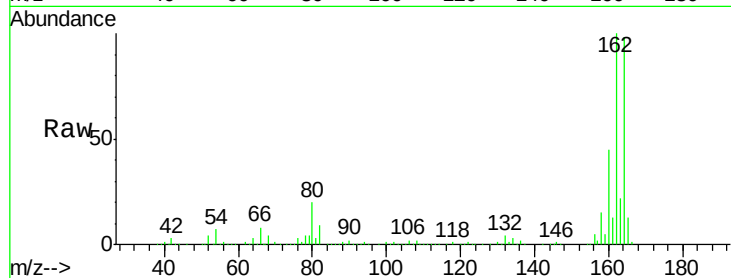




#57
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119599.D
Acq: 28 Mar 2020 6:27

Instrument :
BNA_F
ClientSampleId :
SB-1C-(0-2)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#

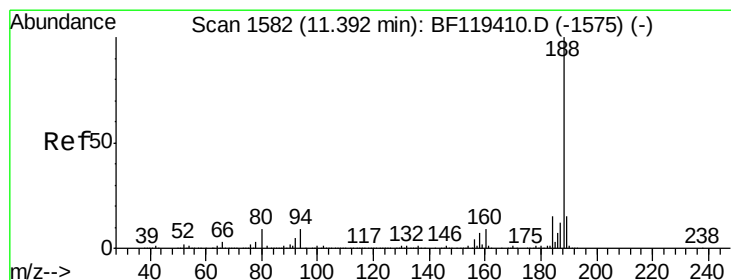
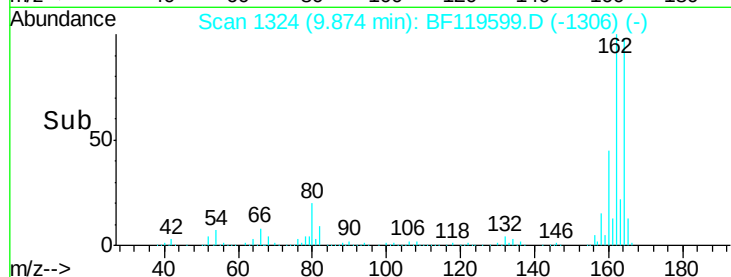
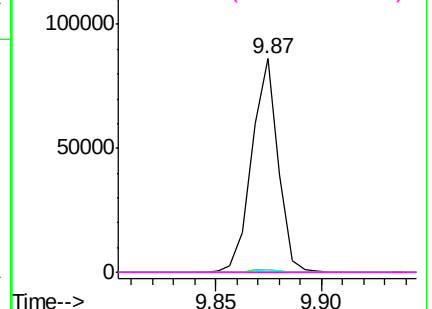


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

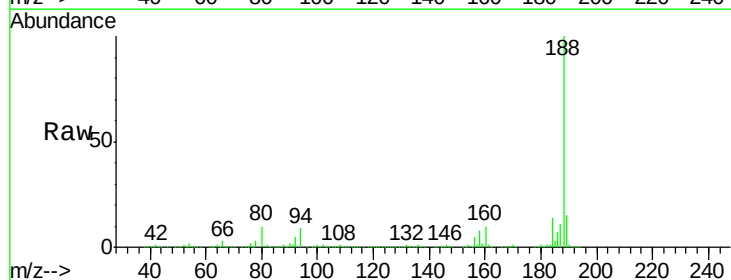
Ion 89.00 (88.70 to 89.70): BF1

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: BF119599.D
Acq: 28 Mar 2020 6:27

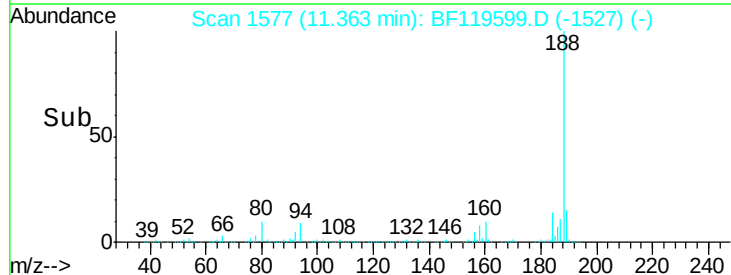
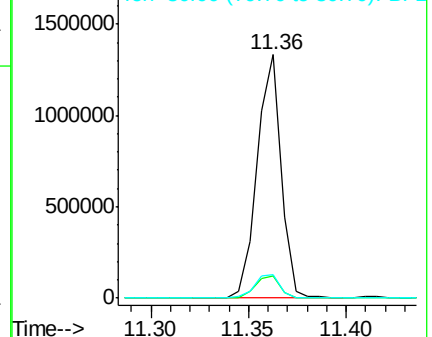
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	9.5	9.0	13.4

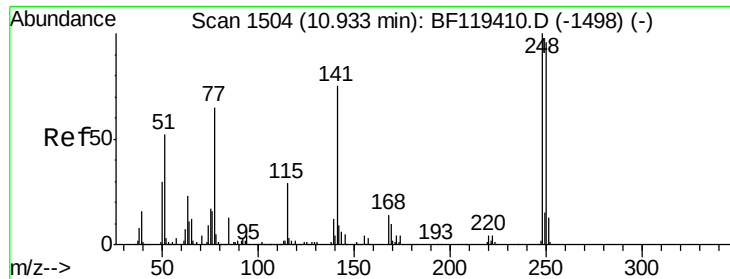


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

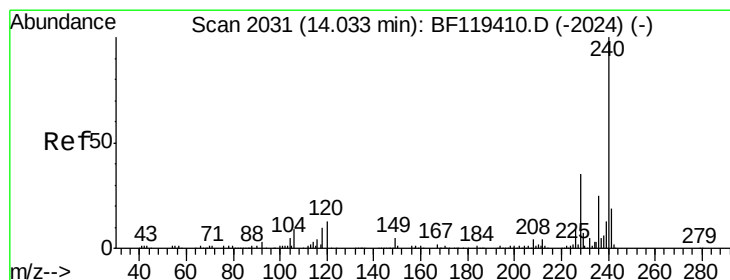
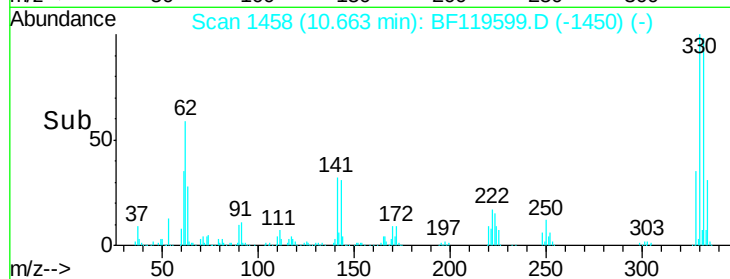
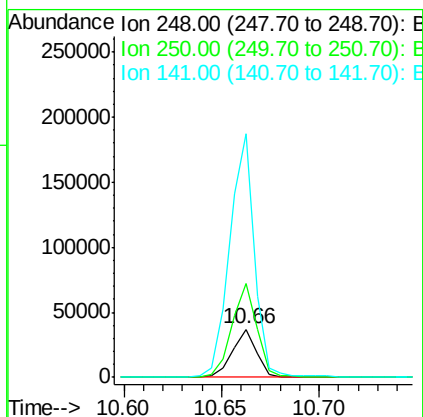
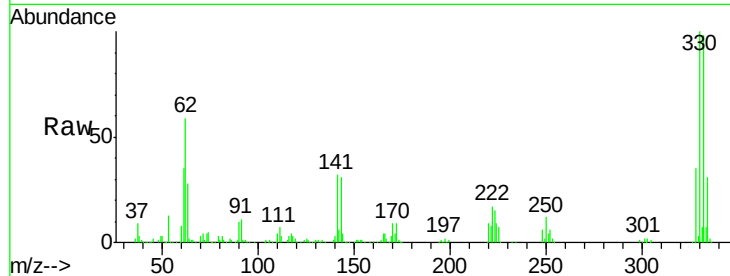




#67
 4-Bromophenyl-phenylether
 Concen: 2.46 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF119599.D
 Acq: 28 Mar 2020 6:27

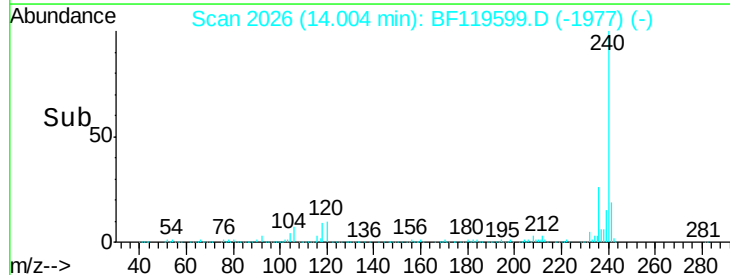
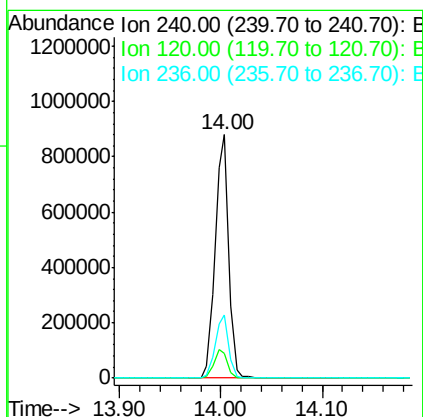
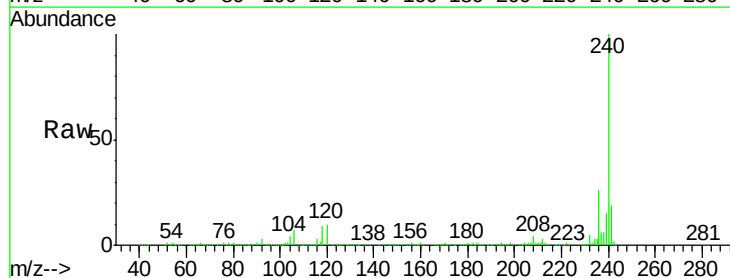
Instrument :
 BNA_F
 ClientSampleId :
 SB-1C-(0-2)

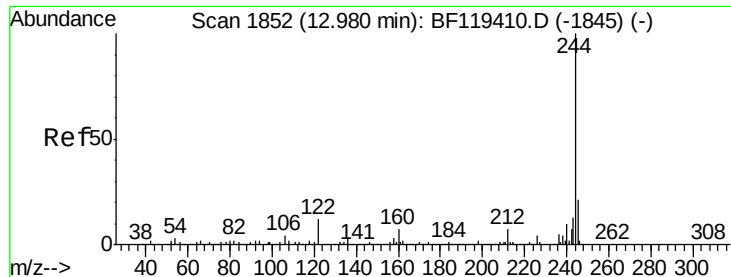
Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.7	77.3	115.9#
141	505.4	58.6	87.8#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119599.D
 Acq: 28 Mar 2020 6:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.6	15.8#
236	25.8	20.2	30.2





#79

Terphenyl-d14

Concen: 70.48 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF119599.D

Acq: 28 Mar 2020 6:27

Instrument :

BNA_F

ClientSampleId :

SB-1C-(0-2)

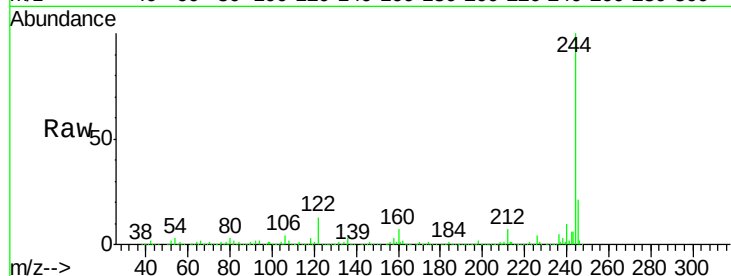
Tgt Ion:244 Resp: 2931538

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

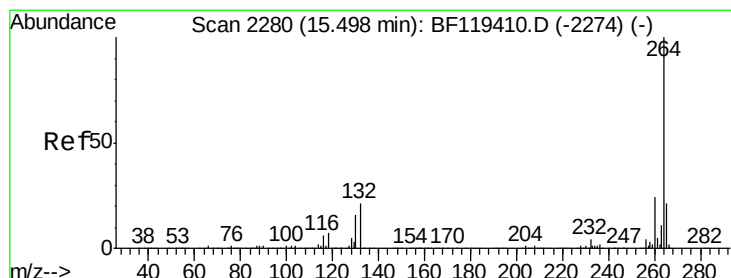
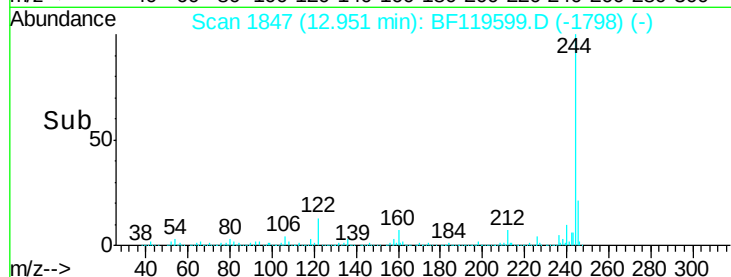
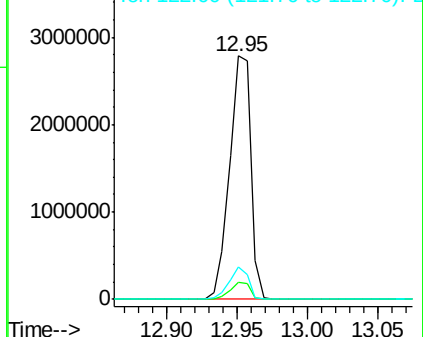
122 13.2 10.3 15.5



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: BF119599.D

Acq: 28 Mar 2020 6:27

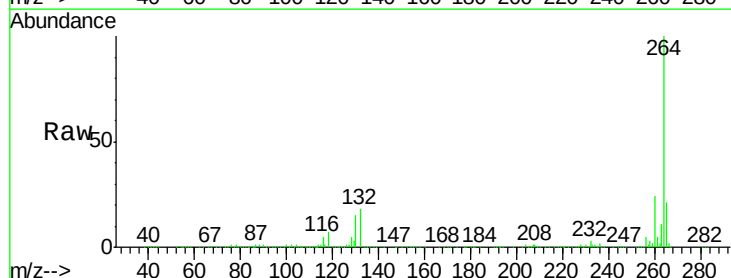
Tgt Ion:264 Resp: 682343

Ion Ratio Lower Upper

264 100

260 23.7 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

