

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119682.D
 Acq On : 1 Apr 2020 18:37
 Operator : MA/SJ
 Sample : L2069-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TI-633

Quant Time: Apr 02 00:08:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

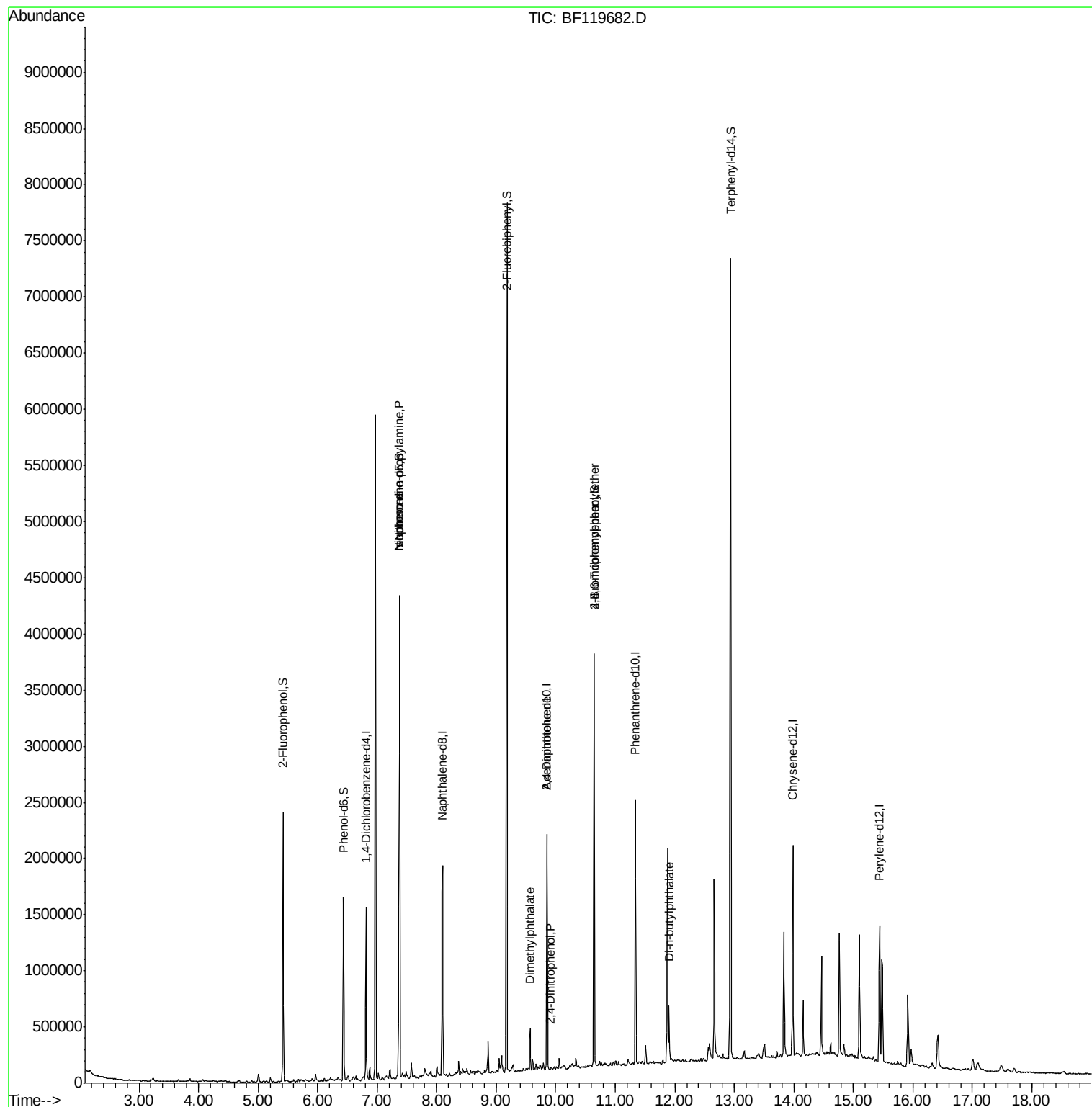
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	215615	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	823793	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	420624	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	822134	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	650885	20.00	ng	-0.02
87) Perylene-d12	15.44	264	540252	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	630361	46.54	ng	0.00
7) Phenol-d6	6.43	99	484794	28.02	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1483531	97.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	445844	102.74	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2623821	92.41	ng	0.00
79) Terphenyl-d14	12.94	244	3007434	90.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	194754	18.67	ng	# 76
25) Isophorone	7.37	82	1478823	48.09	ng	# 65
50) Dimethylphthalate	9.57	163	137400	4.60	ng	99
54) 2,4-Dinitrophenol	9.90	184	211	7.34	ng	# 55
57) 2,4-Dinitrotoluene	9.85	165	55006	6.82	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	27243	2.91	ng	# 1
74) Di-n-butylphthalate	11.90	149	209334	4.56	ng	99

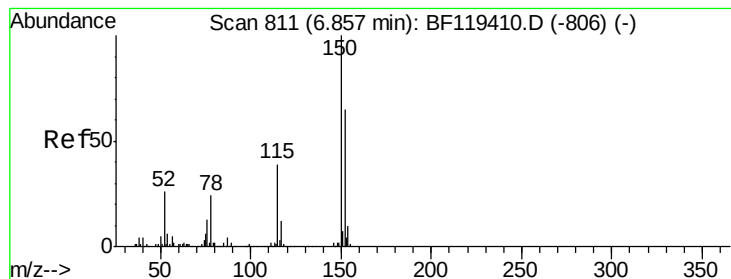
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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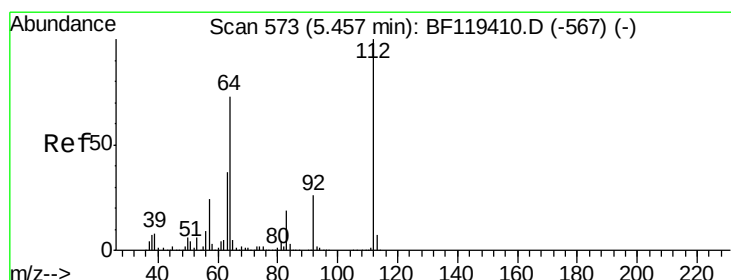
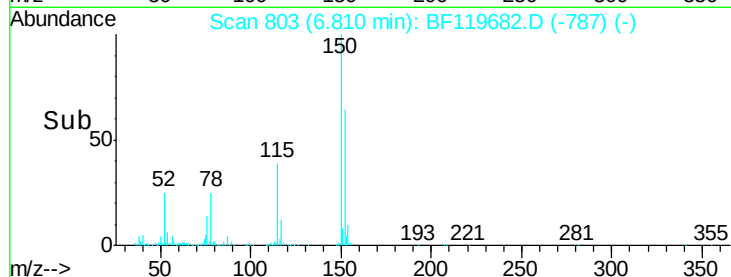
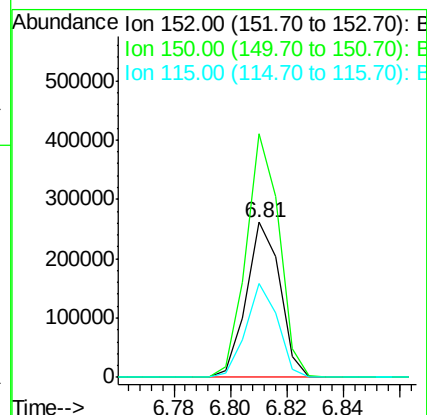
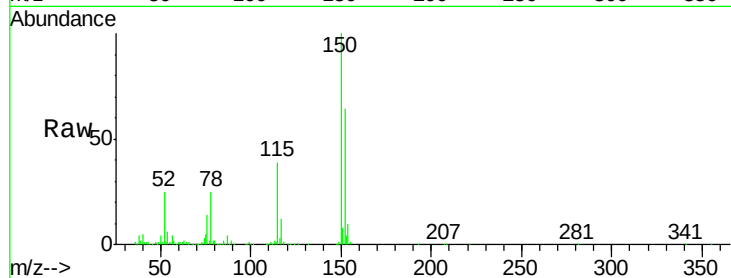


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119682.D
Acq: 1 Apr 2020 18:37

Instrument :
BNA_F
ClientSampleId :
TI-633

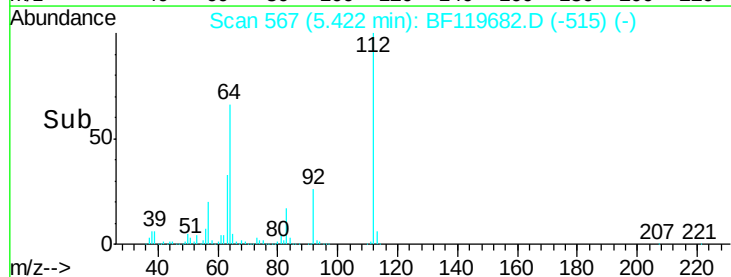
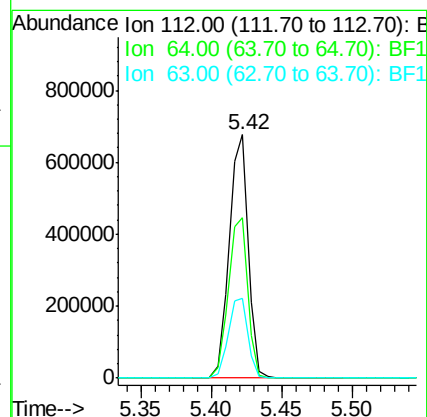
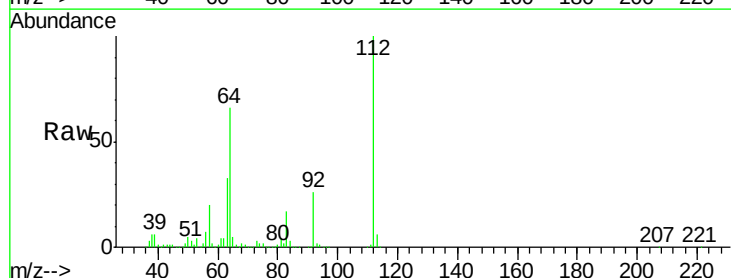
Tgt Ion:152 Resp: 215615
Ion Ratio Lower Upper
152 100
150 157.2 124.5 186.7
115 60.7 49.6 74.4

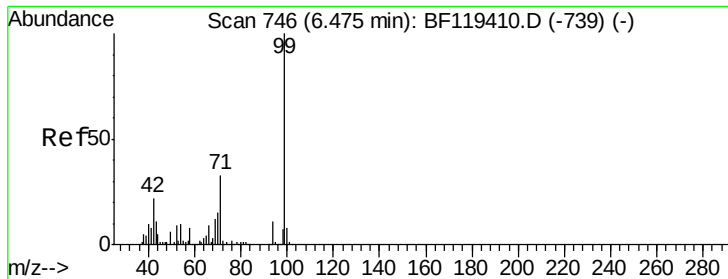


#5

2-Fluorophenol
Concen: 46.54 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF119682.D
Acq: 1 Apr 2020 18:37

Tgt Ion:112 Resp: 630361
Ion Ratio Lower Upper
112 100
64 66.1 56.7 85.1
63 33.0 29.5 44.3





#7

Phenol-d6

Concen: 28.02 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

Instrument :

BNA_F

ClientSampleId :

TI-633

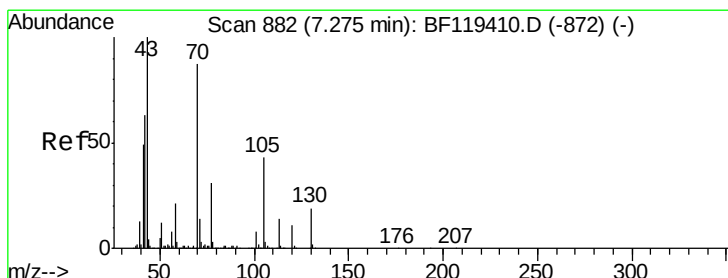
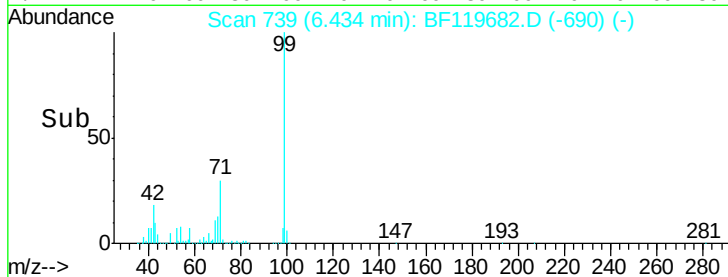
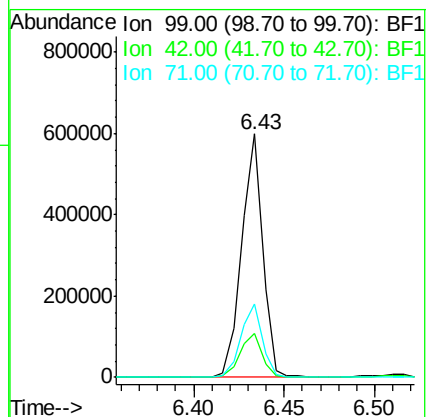
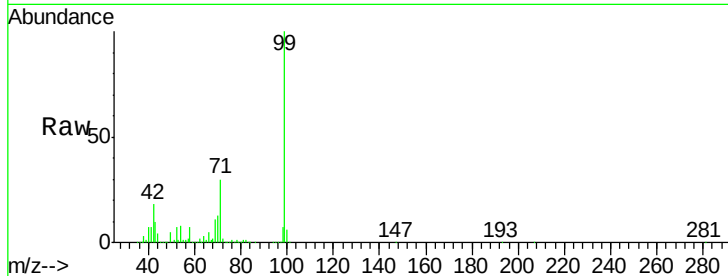
Tgt Ion: 99 Resp: 484794

Ion Ratio Lower Upper

99 100

42 18.2 16.6 24.8

71 29.9 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.67 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

Tgt Ion: 70 Resp: 194754

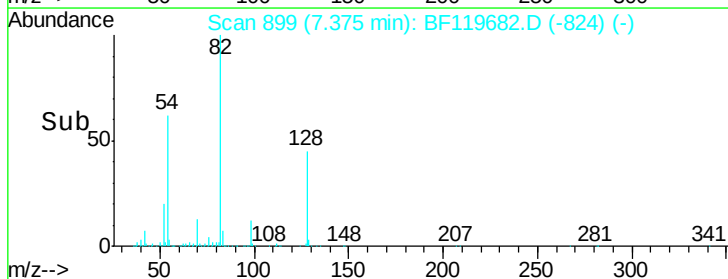
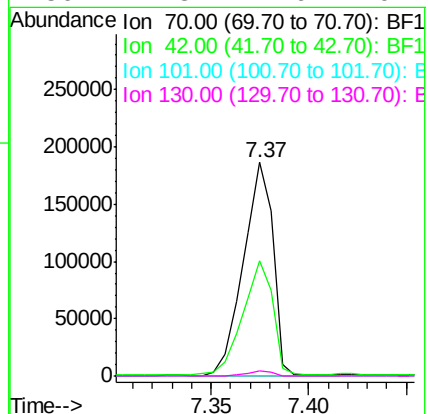
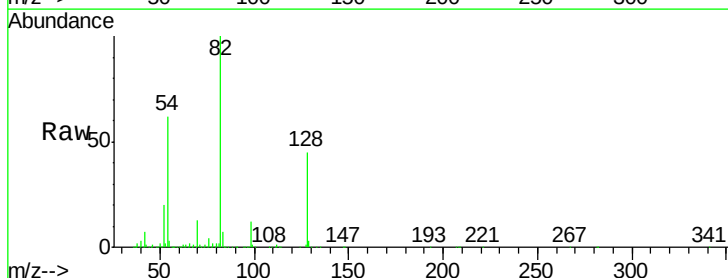
Ion Ratio Lower Upper

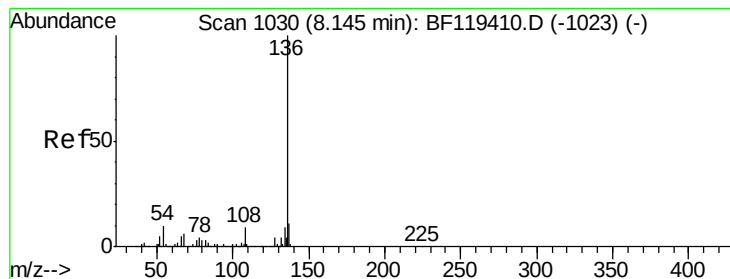
70 100

42 53.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

Instrument :

BNA_F

ClientSampleId :

TI-633

Tgt Ion:136 Resp: 823793

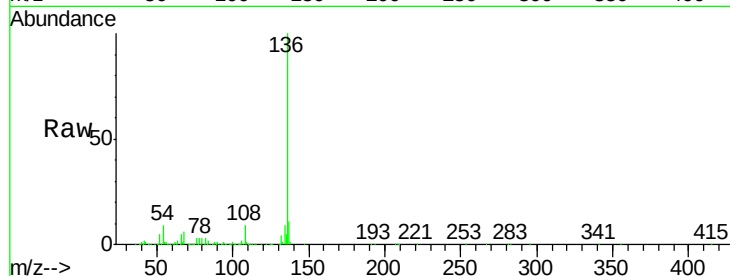
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.4 9.1 13.7

68 5.7 4.6 6.8

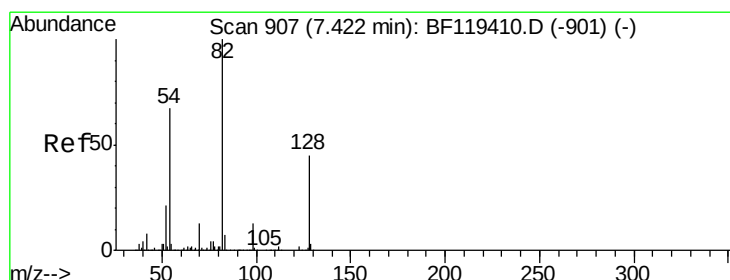
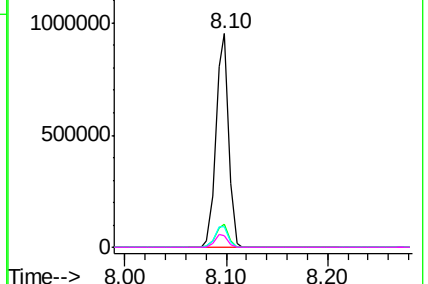
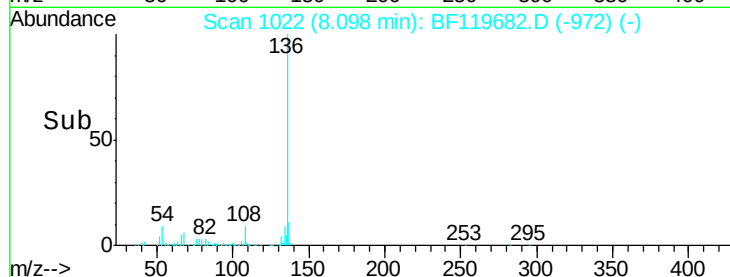


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.87 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

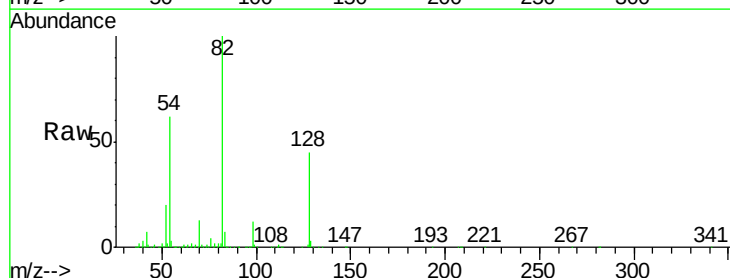
Tgt Ion: 82 Resp: 1483531

Ion Ratio Lower Upper

82 100

128 45.5 36.3 54.5

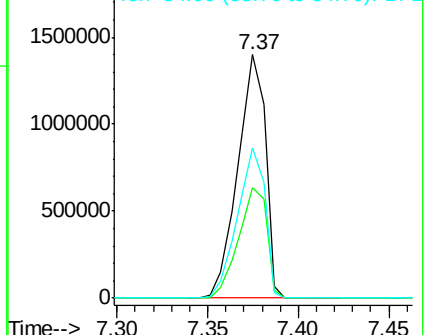
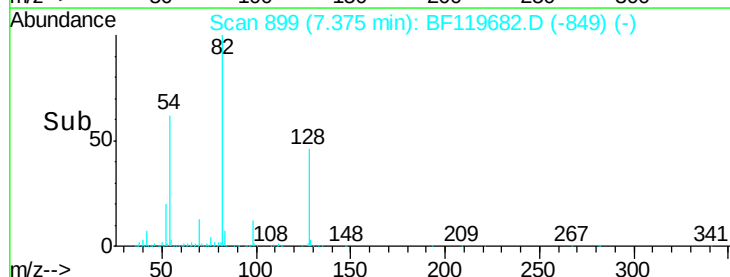
54 61.7 50.6 75.8

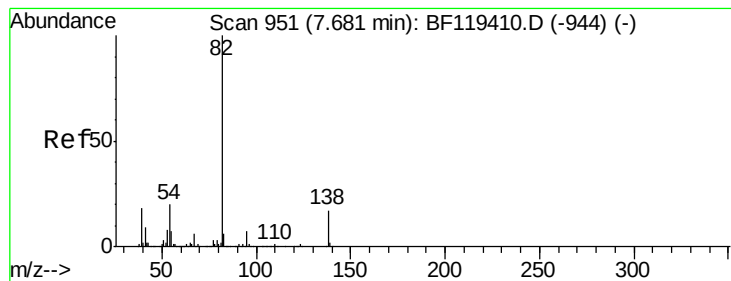


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.09 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

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ClientSampleId :

TI-633

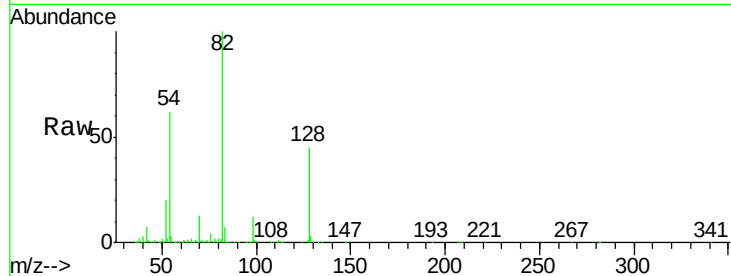
Tgt Ion: 82 Resp: 1478823

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

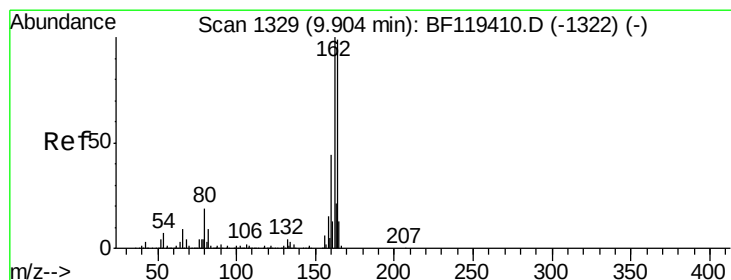
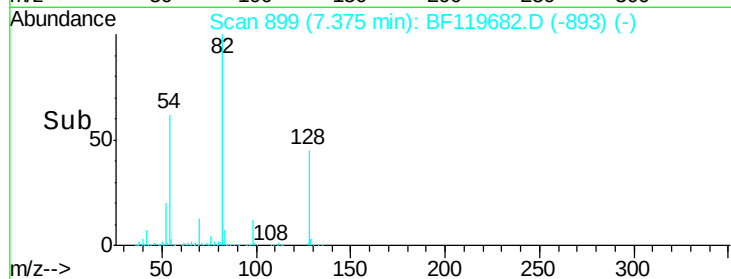
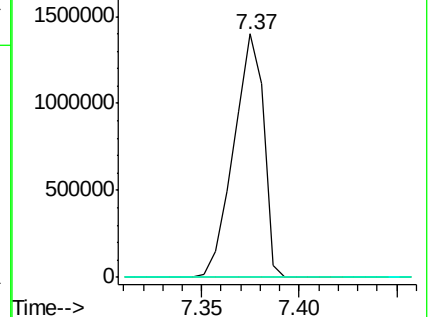
138 0.0 14.6 21.8#



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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

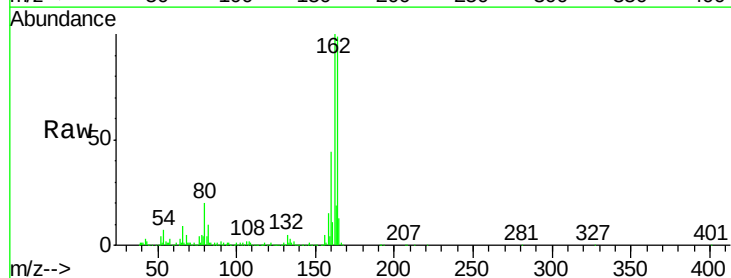
Tgt Ion: 164 Resp: 420624

Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

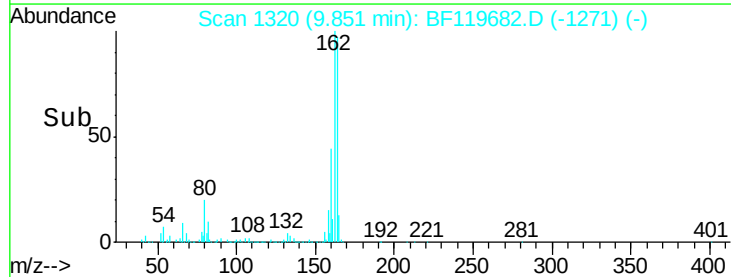
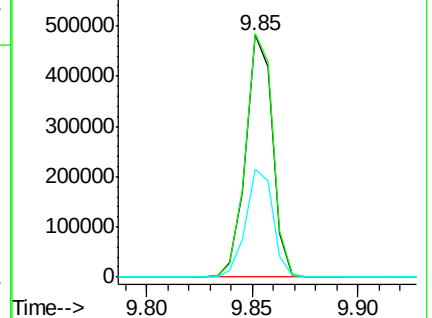
160 44.4 35.7 53.5

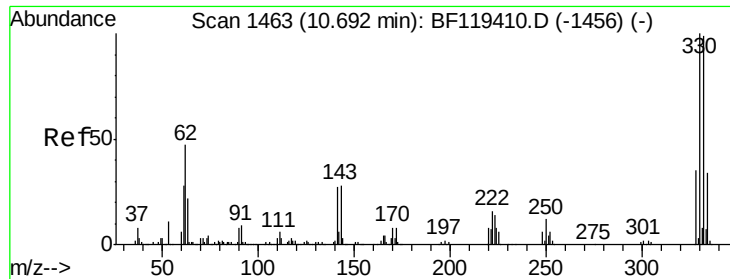


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 102.74 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

Instrument :

BNA_F

ClientSampleId :

TI-633

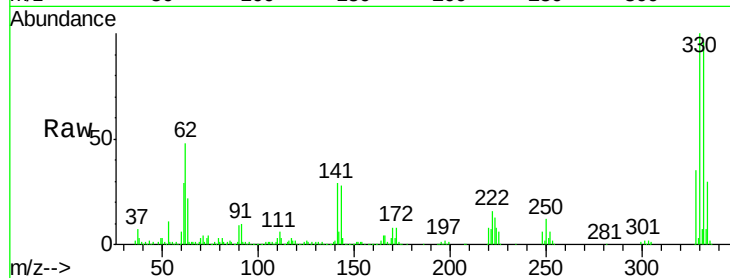
Tgt Ion:330 Resp: 445844

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

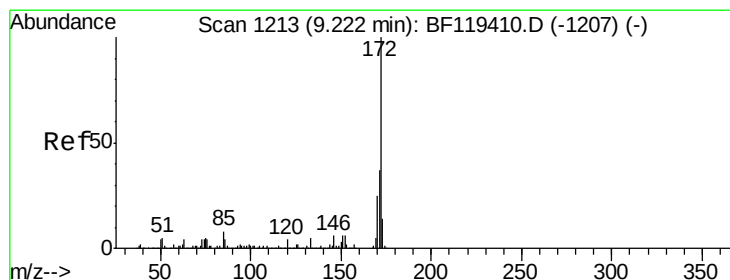
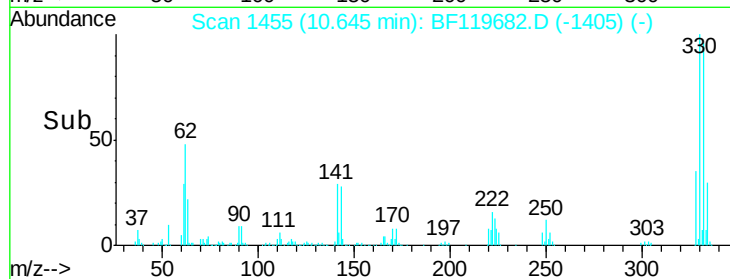
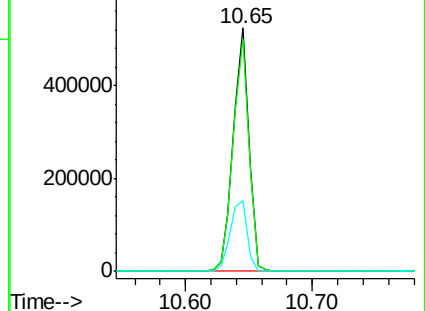
141 31.3 25.4 38.0



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: 92.41 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

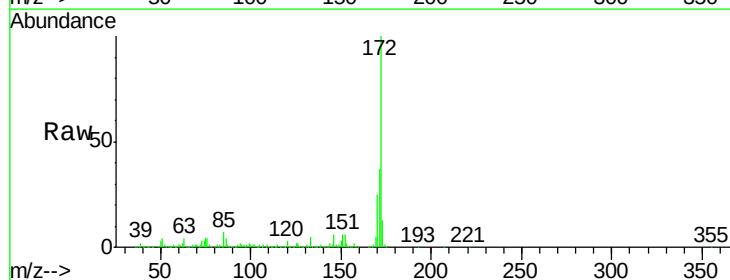
Tgt Ion:172 Resp: 2623821

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

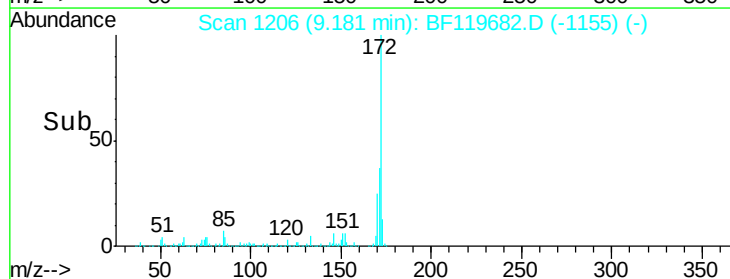
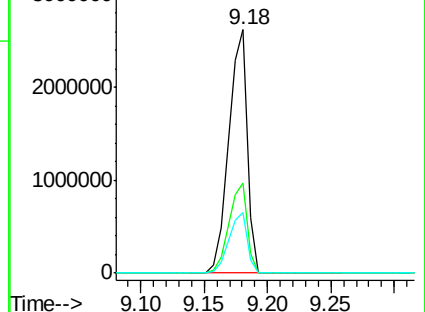
170 24.7 20.2 30.2

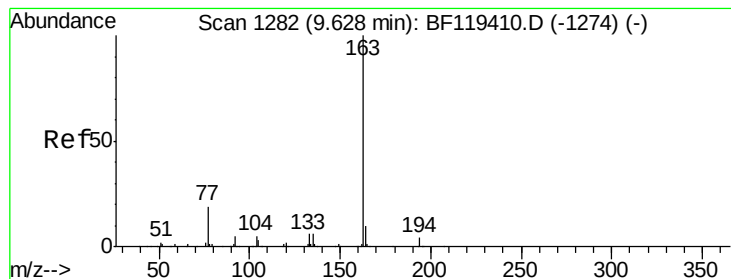


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.60 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF119682.D

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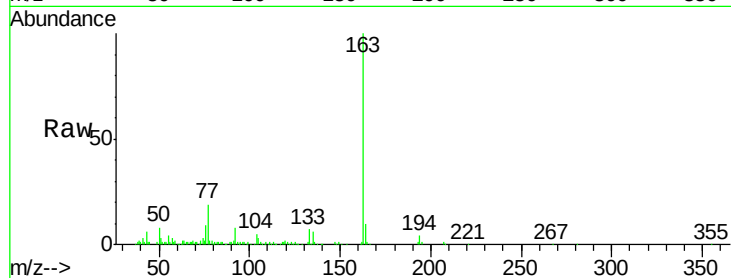
Tgt Ion:163 Resp: 137400

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

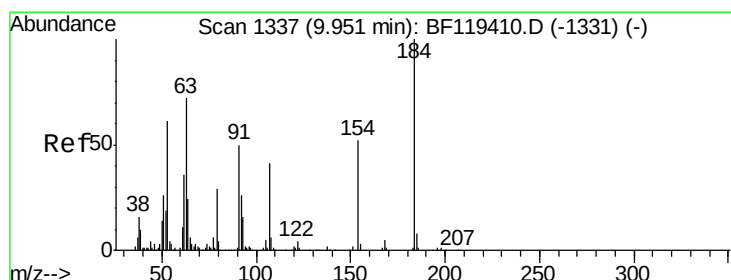
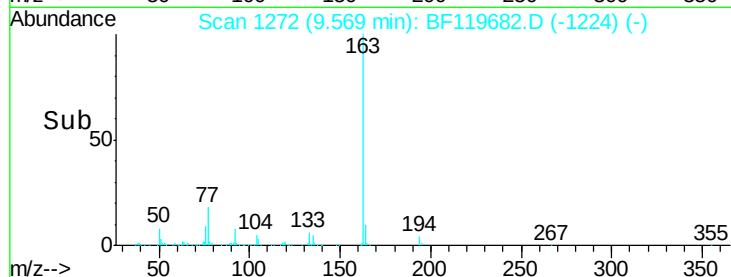
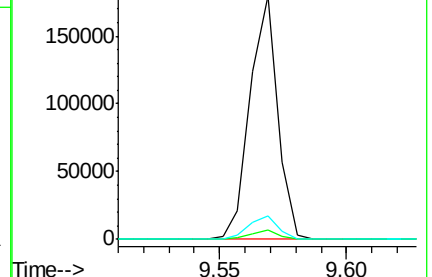
164 9.7 8.2 12.2



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



#54

2,4-Dinitrophenol

Concen: 7.34 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

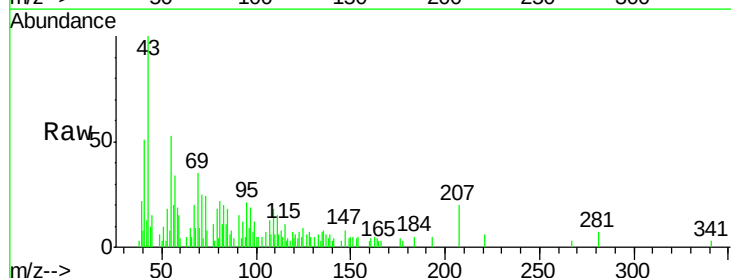
Tgt Ion:184 Resp: 211

Ion Ratio Lower Upper

184 100

63 97.8 50.2 75.4#

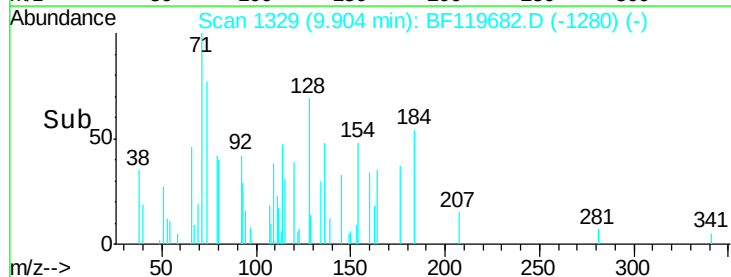
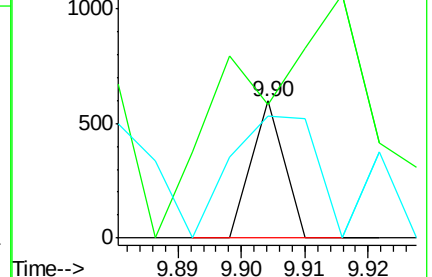
154 88.8 44.5 66.7#

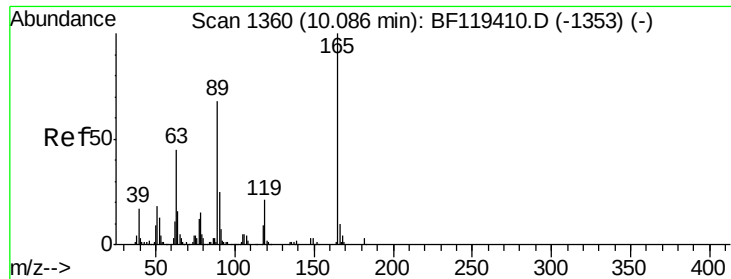


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

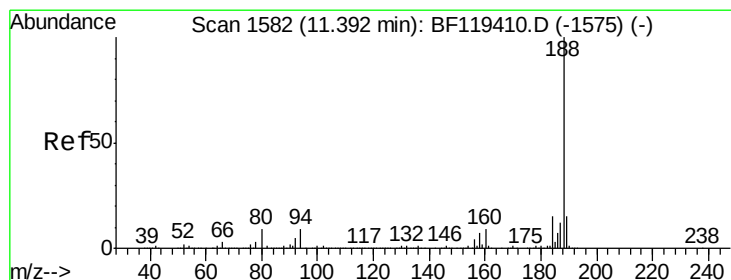
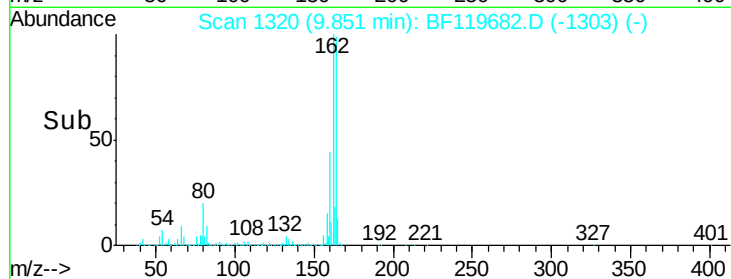
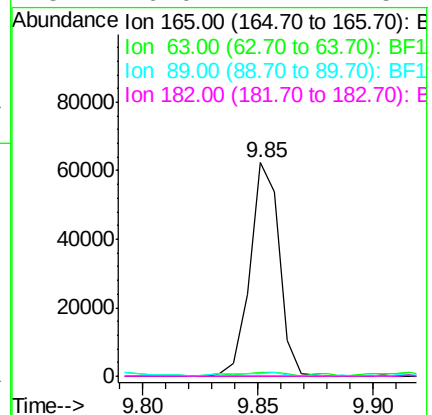
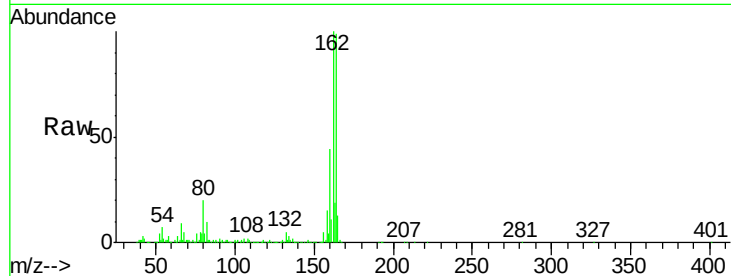




#57
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.20 min
Lab File: BF119682.D
Acq: 1 Apr 2020 18:37

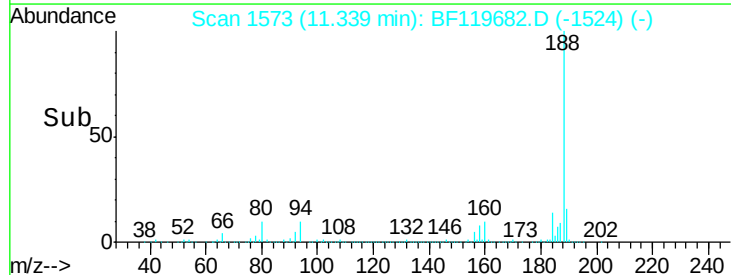
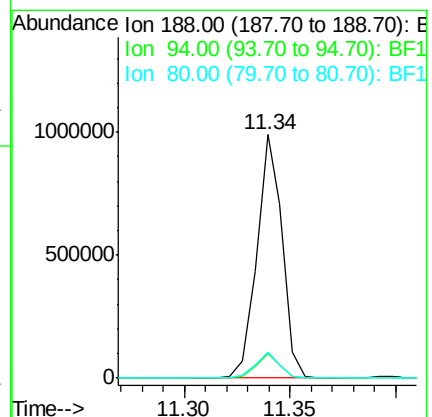
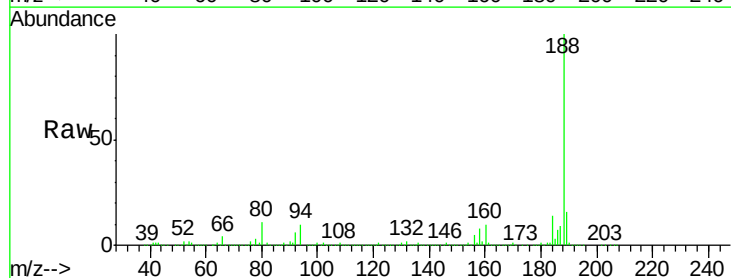
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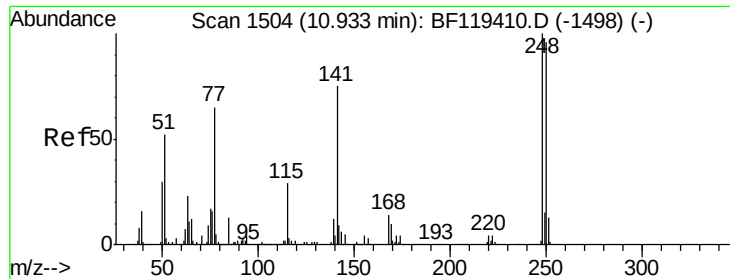
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.6	64.0#
89	1.1	61.0	91.4#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119682.D
Acq: 1 Apr 2020 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.5	11.3
80	10.5	9.0	13.4





#67

4-Bromophenyl-phenylether

Concen: 2.91 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.25 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

Instrument :

BNA_F

ClientSampleId :

TI-633

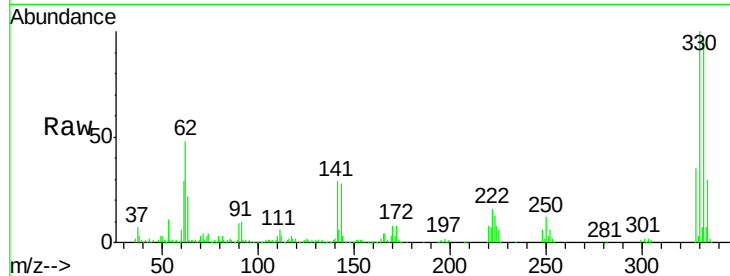
Tgt Ion:248 Resp: 27243

Ion Ratio Lower Upper

248 100

250 198.7 77.3 115.9#

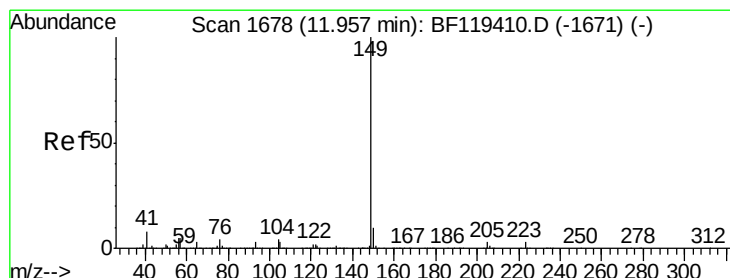
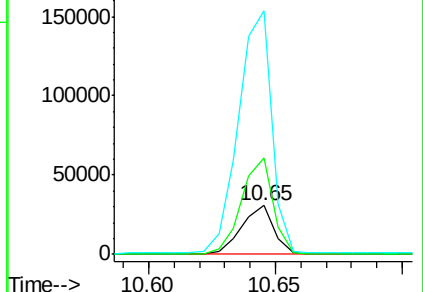
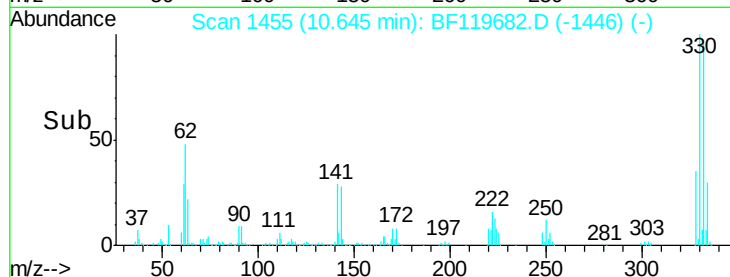
141 499.2 58.6 87.8#



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



#74

Di-n-butylphthalate

Concen: 4.56 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

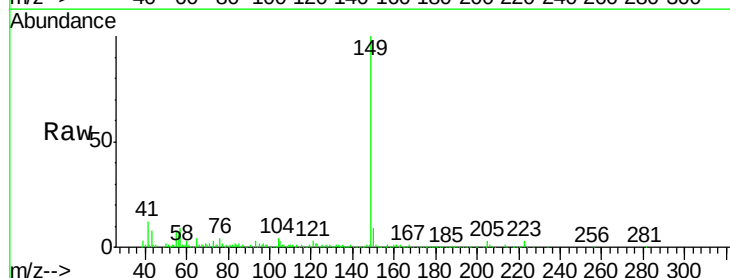
Tgt Ion:149 Resp: 209334

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

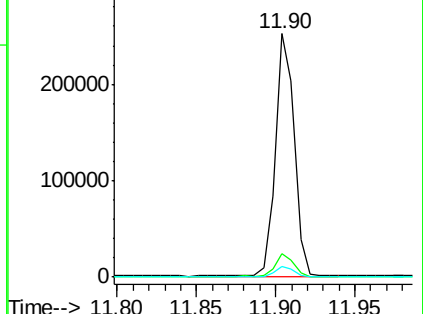
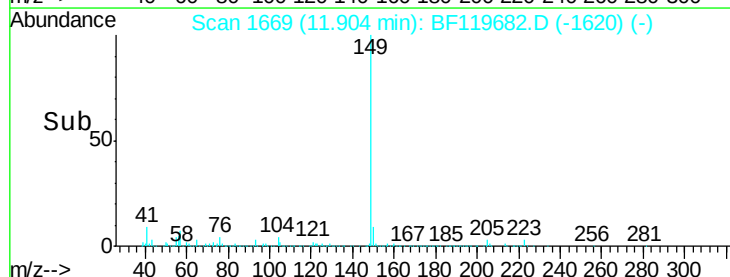
104 4.2 3.6 5.4

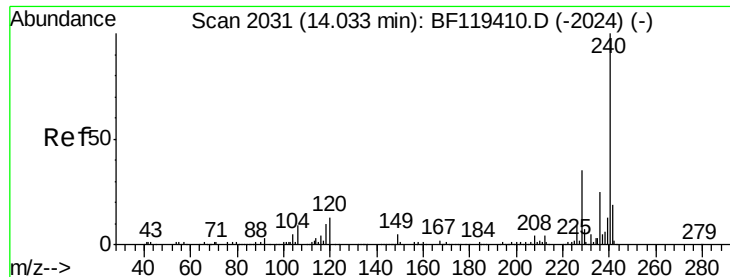


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

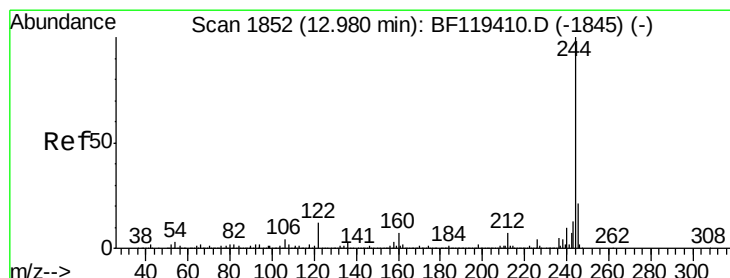
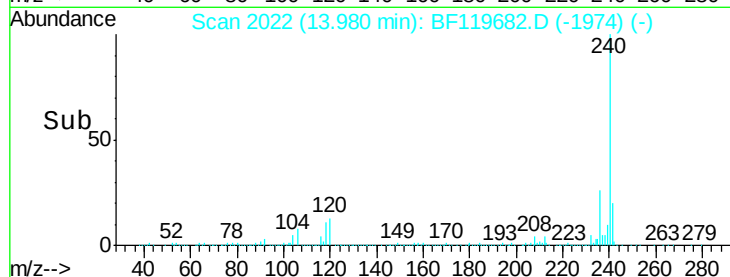
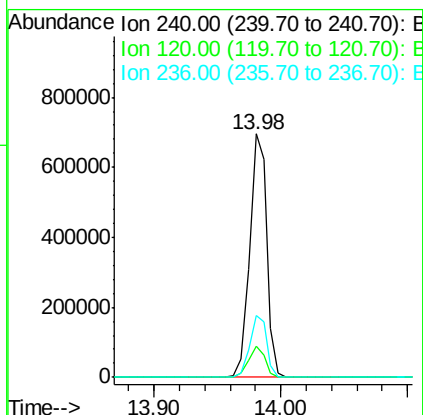
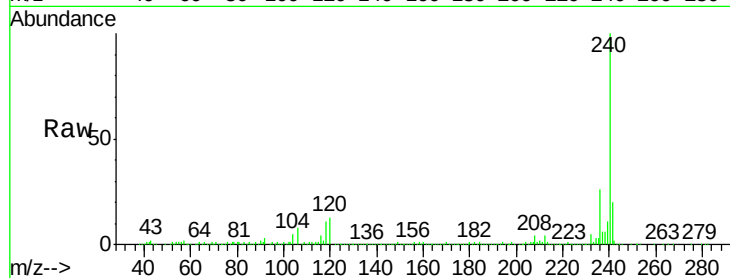




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF119682.D
Acq: 1 Apr 2020 18:37

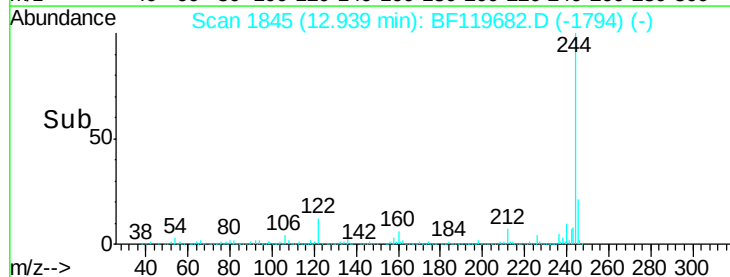
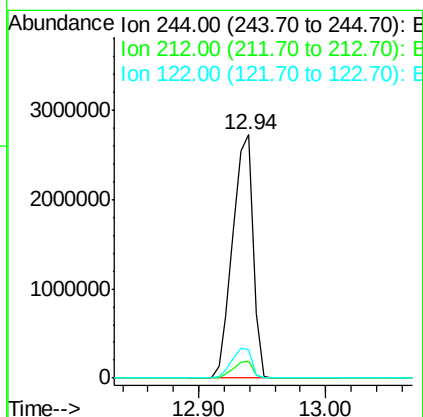
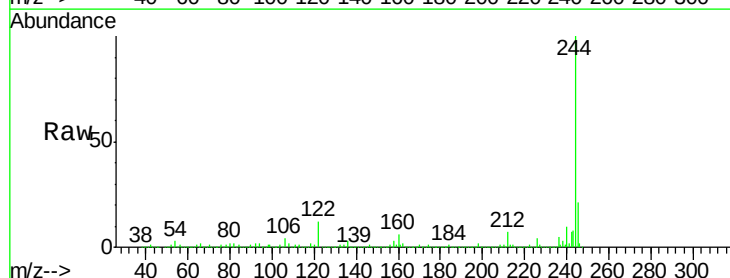
Instrument :
BNA_F
ClientSampleId :
TI-633

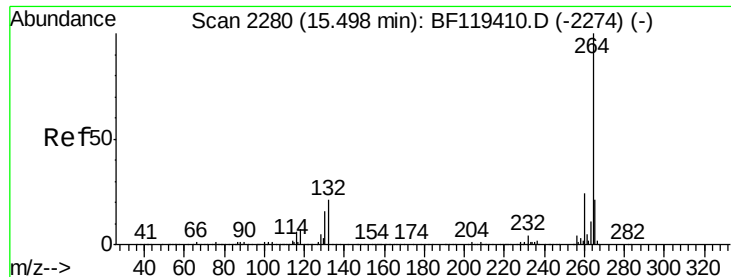
Tgt Ion:240 Resp: 650885
Ion Ratio Lower Upper
240 100
120 12.7 10.6 15.8
236 25.6 20.2 30.2



#79
Terphenyl-d14
Concen: 90.53 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF119682.D
Acq: 1 Apr 2020 18:37

Tgt Ion:244 Resp: 3007434
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 11.8 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF119682.D
Acq: 1 Apr 2020 18:37

Instrument :
BNA_F
ClientSampleId :
TI-633

Tgt Ion: 264 Resp: 540252
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 22.6 17.7 26.5

