

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119749.D
 Acq On : 4 Apr 2020 7:08
 Operator : MA/SJ
 Sample : L2100-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-01-0-21

Quant Time: Apr 04 07:44:17 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

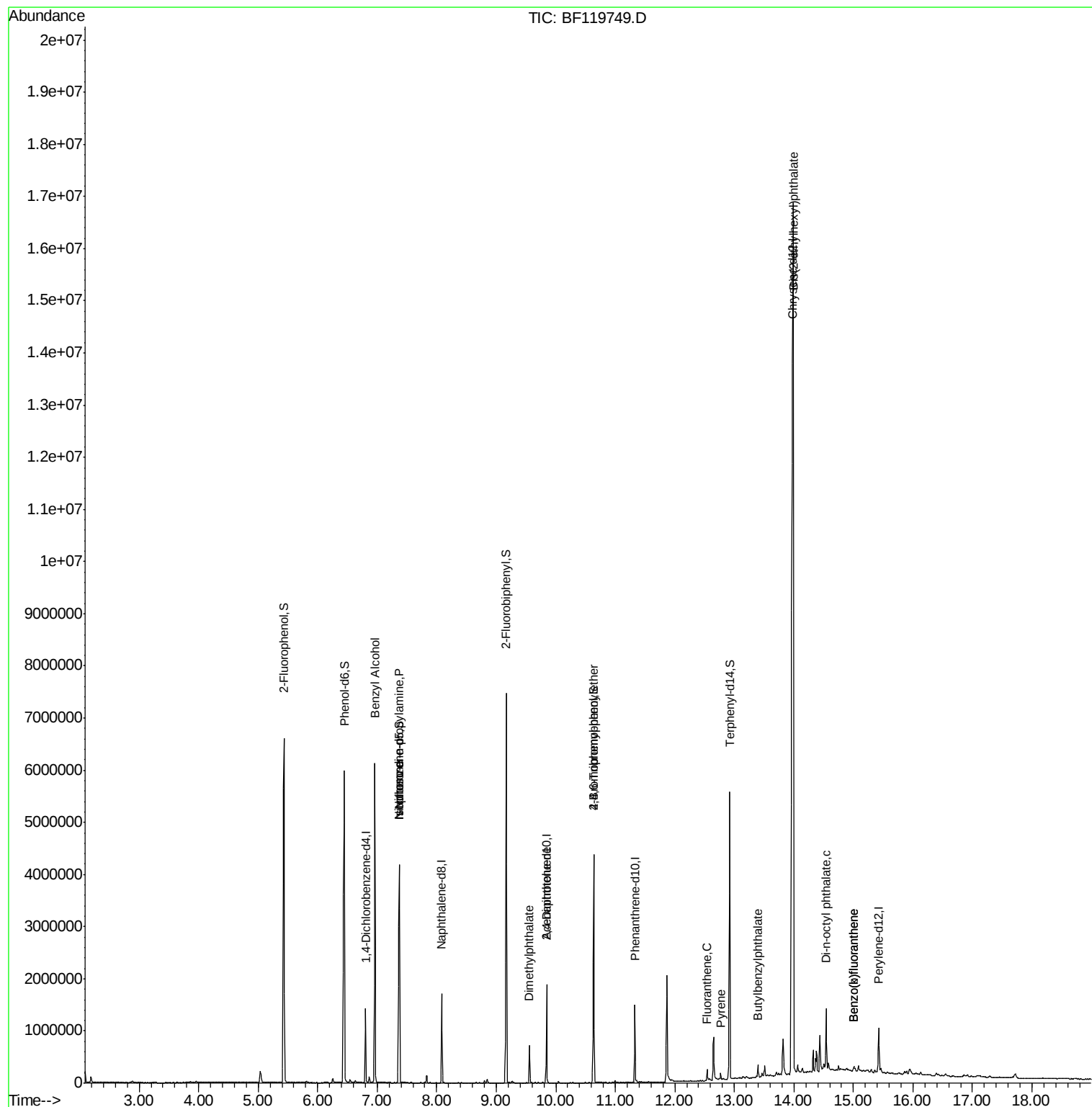
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	194231	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	713167	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	352249	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	603526	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	222623	20.00	ng	-0.03
87) Perylene-d12	15.43	264	390832	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1934330	158.54	ng	0.02
7) Phenol-d6	6.45	99	2450784	157.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	1568089	119.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	603103	165.96	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2461121	103.51	ng	-0.01
79) Terphenyl-d14	12.92	244	2052305	180.61	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.96	79	25527	2.18	ng	# 53
19) n-Nitroso-di-n-propylamine	7.37	70	206164	21.95	ng	# 75
25) Isophorone	7.37	82	1568070	58.91	ng	# 65
50) Dimethylphthalate	9.56	163	268407	10.73	ng	100
57) 2,4-Dinitrotoluene	9.85	165	45478	6.73	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	35811	5.21	ng	# 1
75) Fluoranthene	12.55	202	91664	2.71	ng	95
78) Pyrene	12.77	202	57896	3.17	ng	98
80) Butylbenzylphthalate	13.40	149	36932	5.00	ng	93
84) Bis(2-ethylhexyl)phthalate	13.99	149	9747112	1106.50	ng	# 91
85) Di-n-octyl phthalate	14.54	149	211892	13.68	ng	# 1
88) Benzo(b)fluoranthene	15.00	252	62809	2.41	ng	# 92
89) Benzo(k)fluoranthene	15.00	252	62809	2.53	ng	# 93

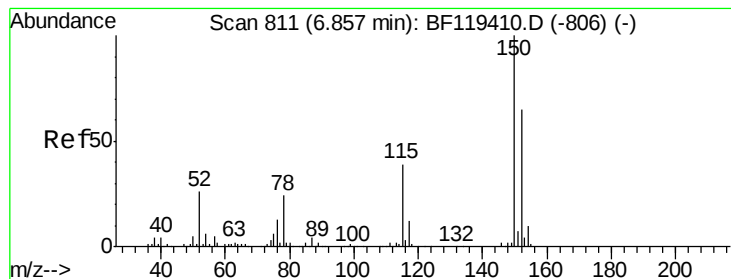
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

Instrument :

BNA_F

ClientSampleId :

239-01-0-21

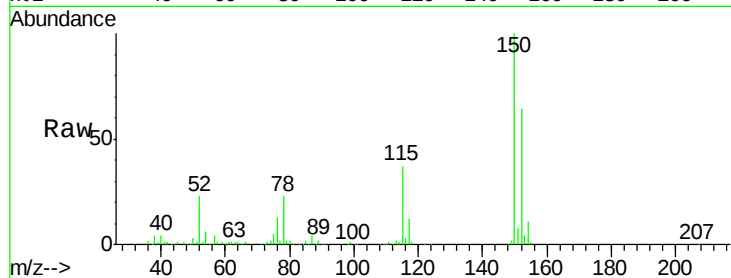
Tgt Ion:152 Resp: 194231

Ion Ratio Lower Upper

152 100

150 156.0 124.5 186.7

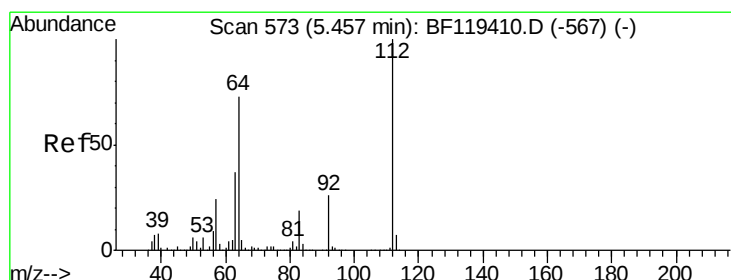
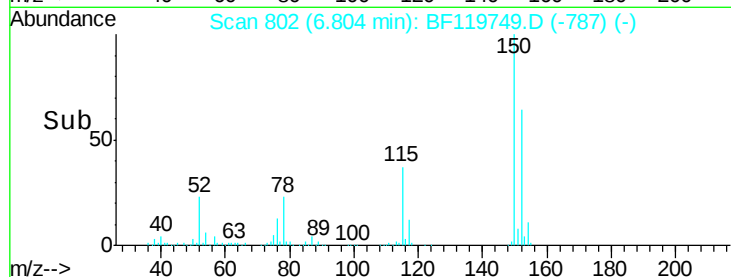
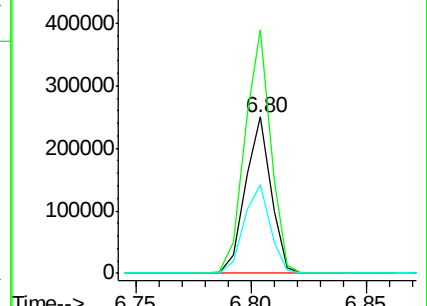
115 57.2 49.6 74.4



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: 158.54 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

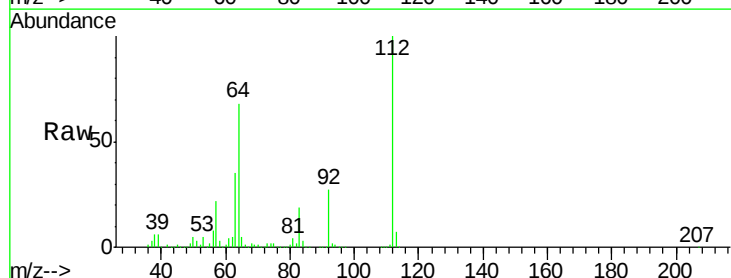
Tgt Ion:112 Resp: 1934330

Ion Ratio Lower Upper

112 100

64 67.9 56.7 85.1

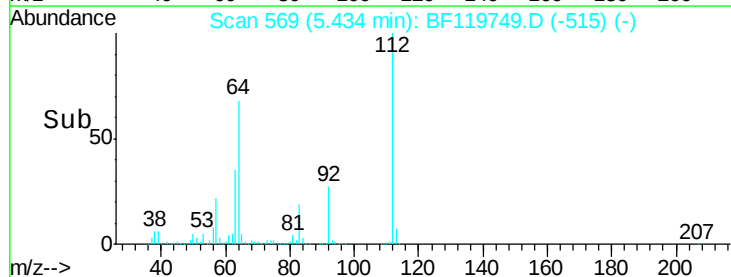
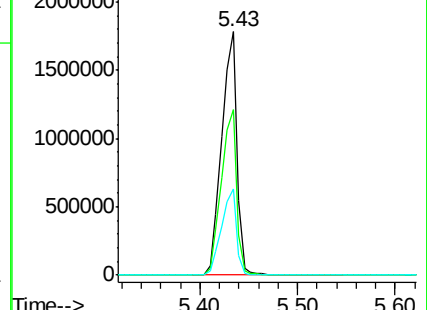
63 35.3 29.5 44.3

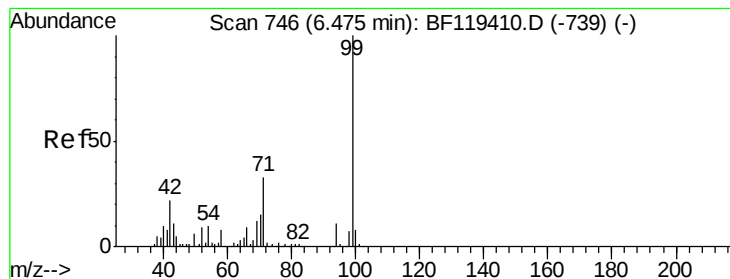


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 157.24 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

Instrument :

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ClientSampleId :

239-01-0-21

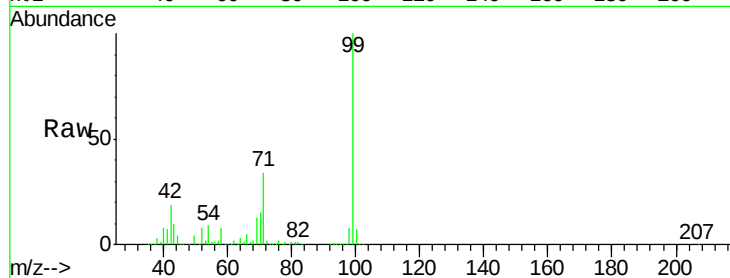
Tgt Ion: 99 Resp: 2450784

Ion Ratio Lower Upper

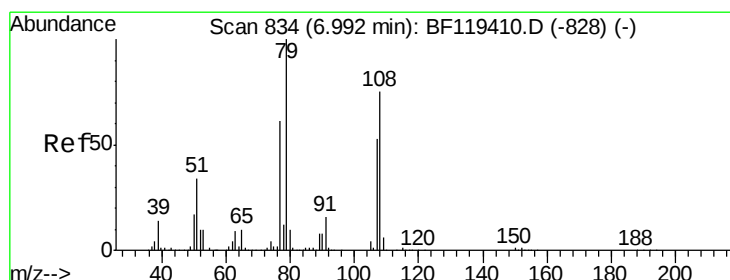
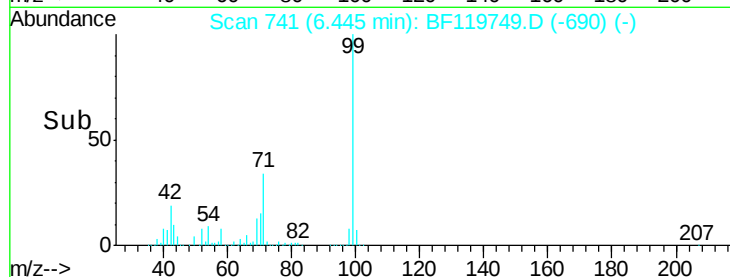
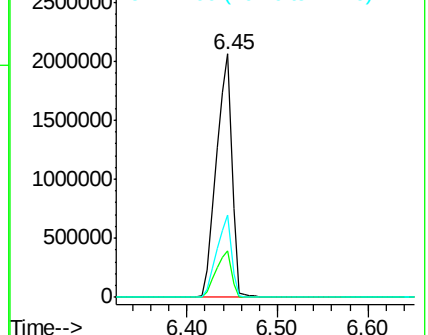
99 100

42 19.3 16.6 24.8

71 33.6 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

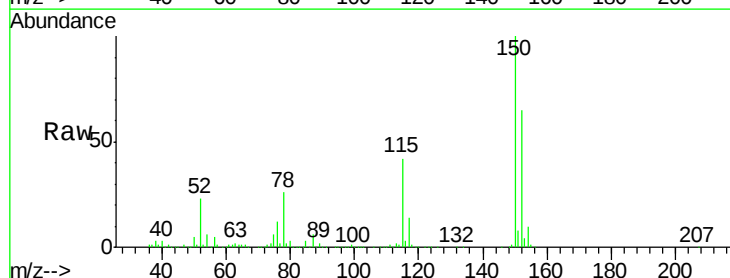
Tgt Ion: 79 Resp: 25527

Ion Ratio Lower Upper

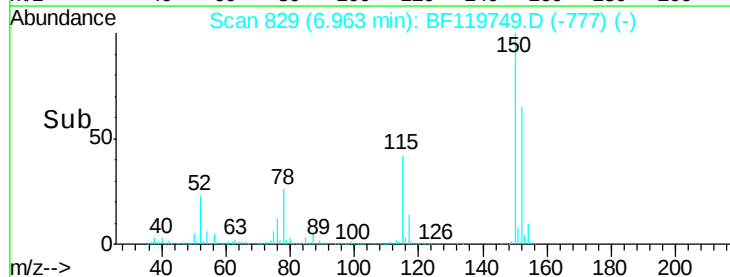
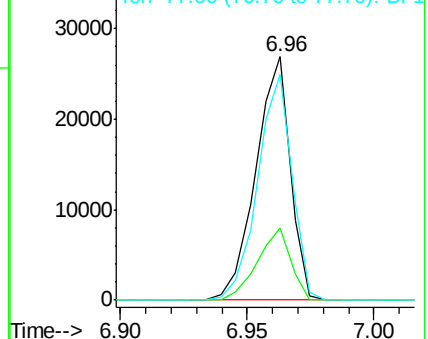
79 100

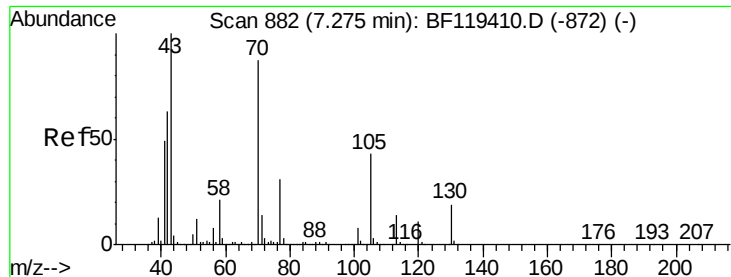
108 29.7 60.6 90.8#

77 92.6 50.2 75.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

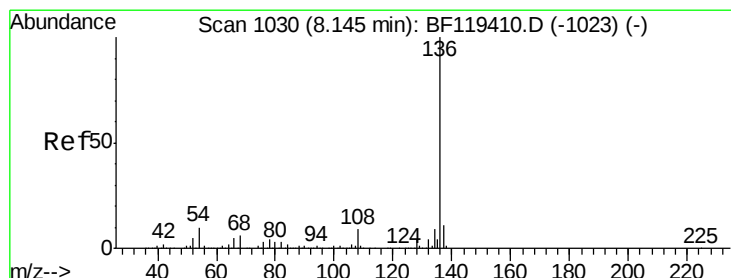
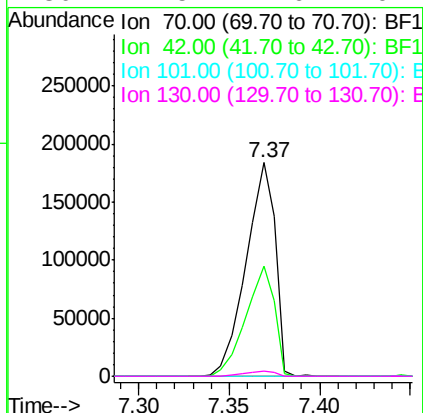
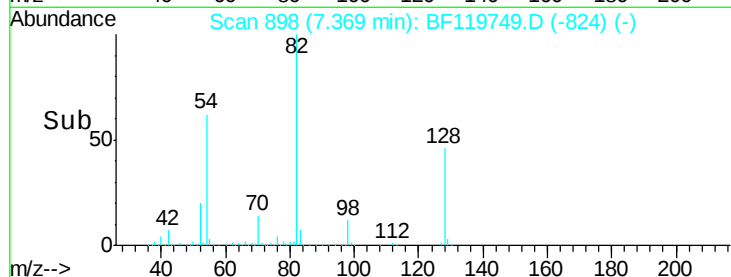
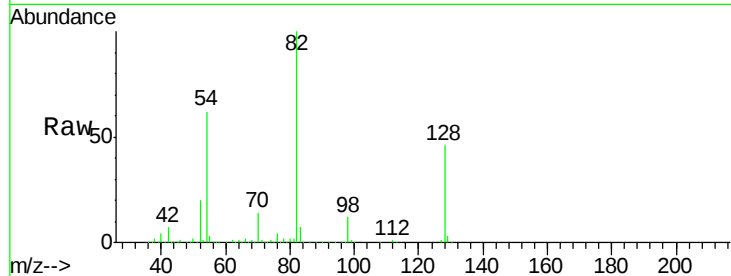




#19
n-Nitroso-di-n-propylamine
Concen: 21.95 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

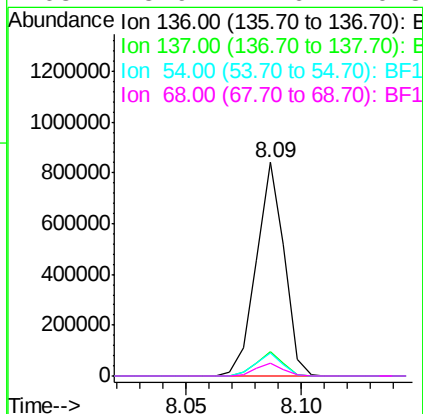
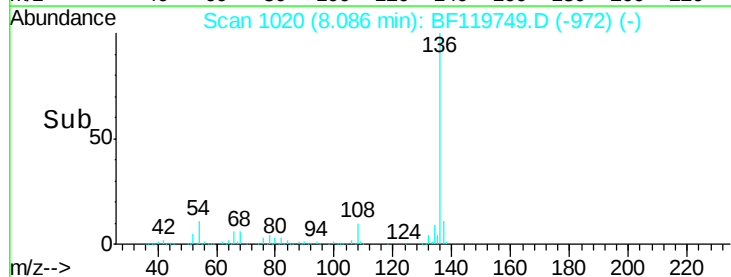
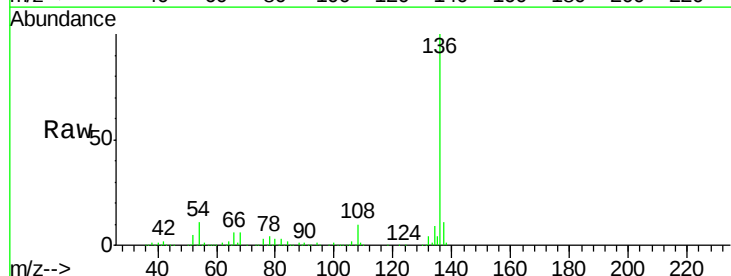
Instrument :
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239-01-0-21

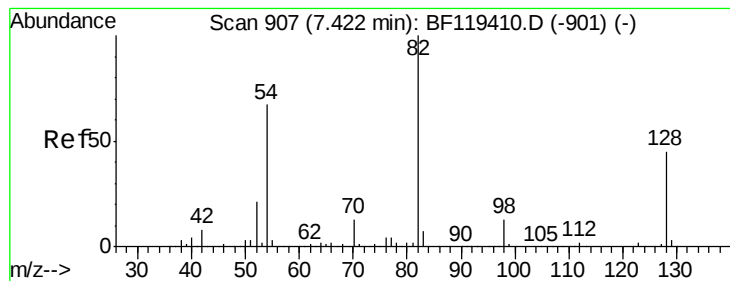
Tgt Ion: 70 Resp: 206164
Ion Ratio Lower Upper
70 100
42 51.6 54.5 81.7#
101 0.0 7.6 11.4#
130 2.5 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

Tgt Ion: 136 Resp: 713167
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.5 9.1 13.7
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 119.50 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

Instrument :

BNA_F

ClientSampleId :

239-01-0-21

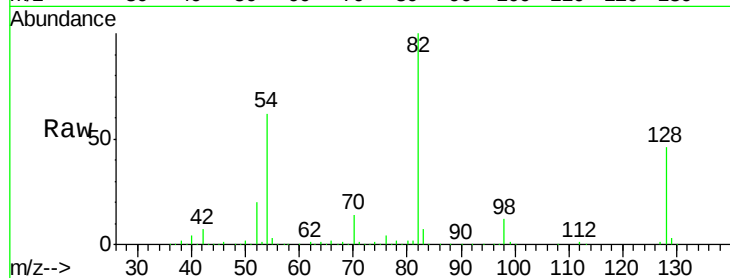
Tgt Ion: 82 Resp: 1568089

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

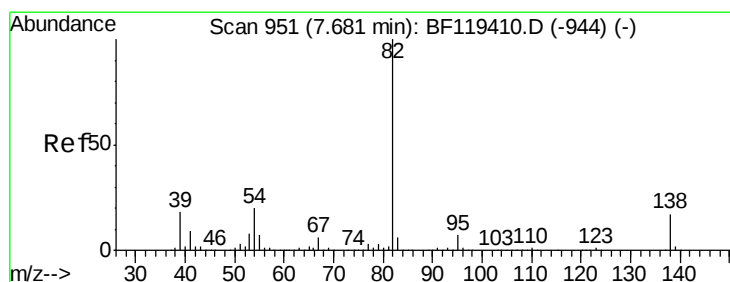
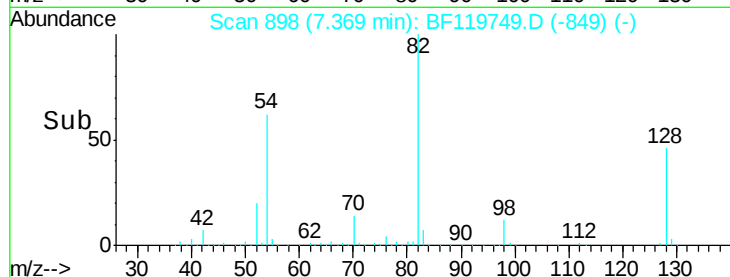
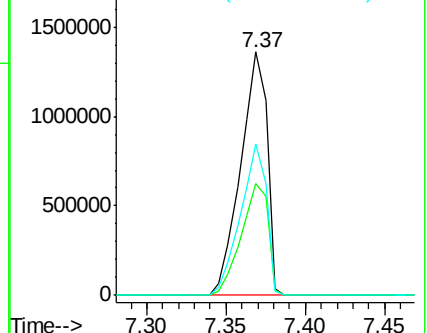
54 62.2 50.6 75.8



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: 58.91 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

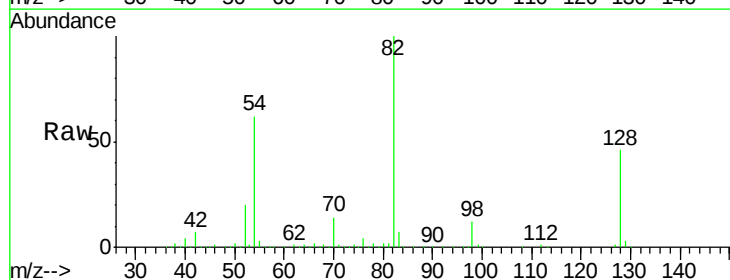
Tgt Ion: 82 Resp: 1568070

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

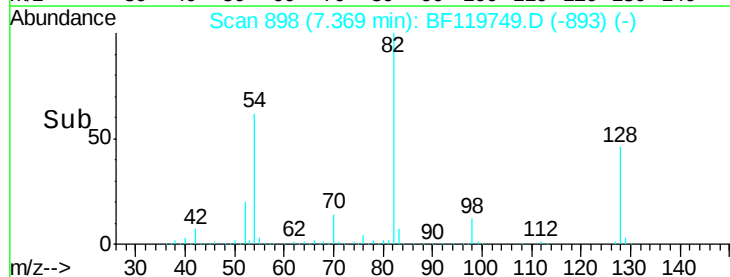
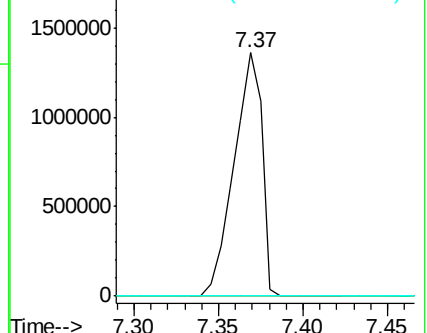
138 0.0 14.6 21.8#

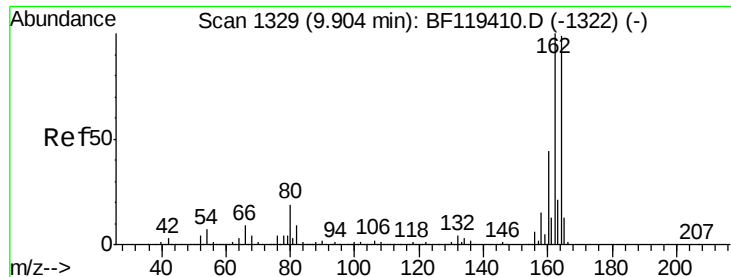


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

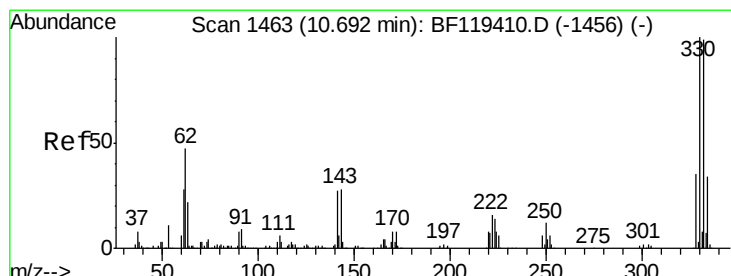
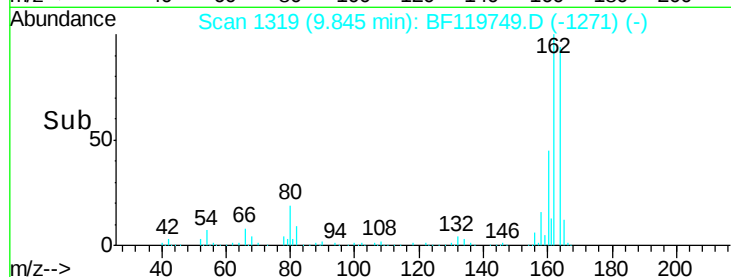
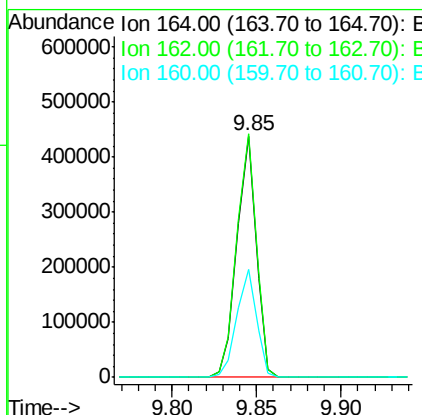
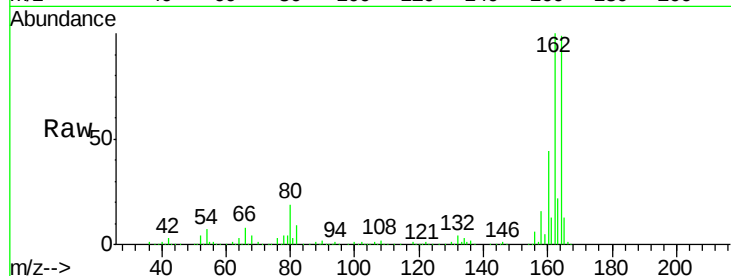




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

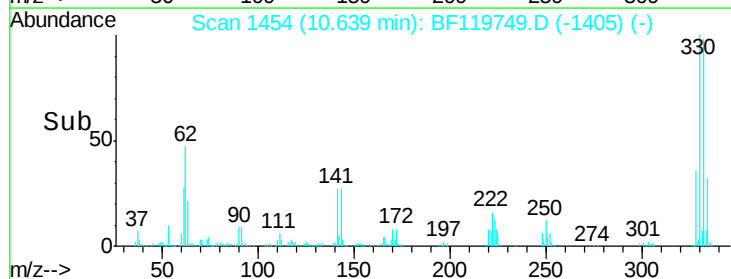
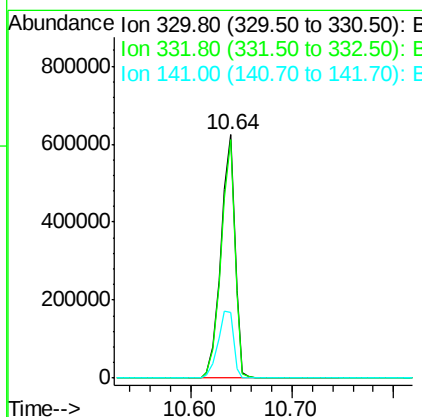
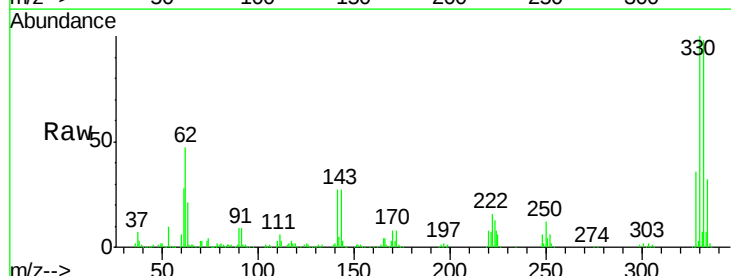
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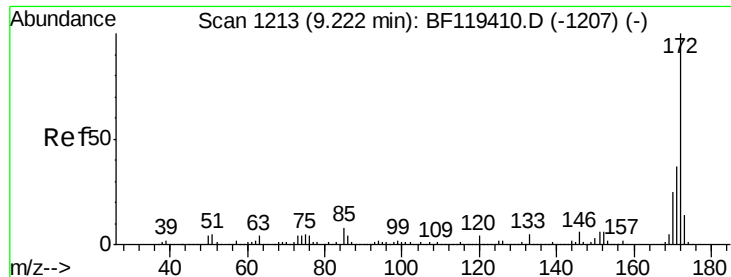
Tgt Ion:164 Resp: 352249
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 44.8 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 165.96 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

Tgt Ion:330 Resp: 603103
Ion Ratio Lower Upper
330 100
332 96.2 75.7 113.5
141 30.5 25.4 38.0

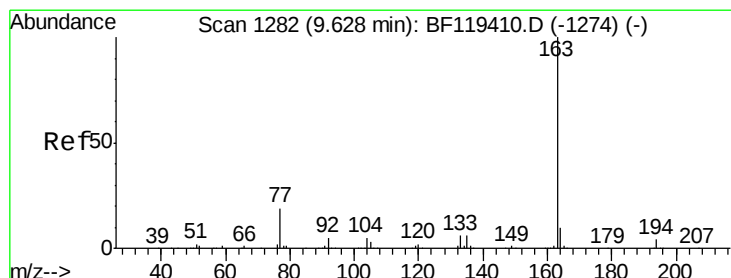
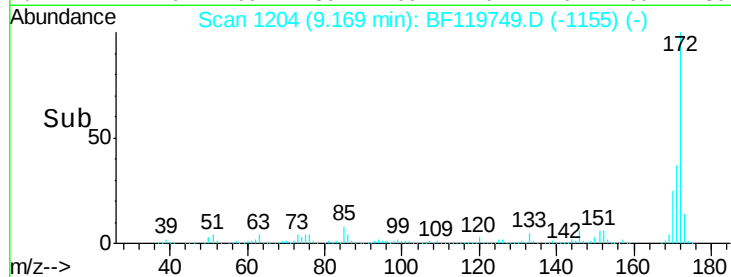
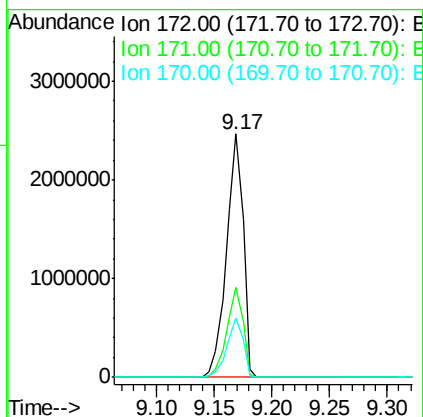
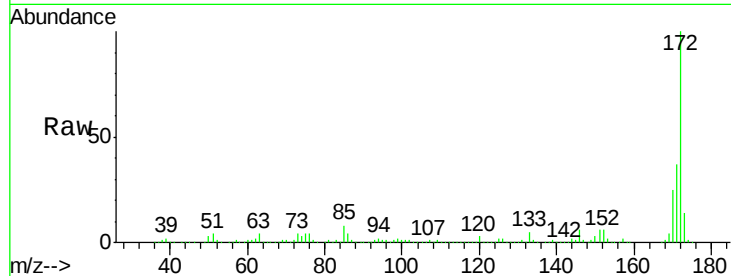




#45
 2-Fluorobiphenyl
 Concen: 103.51 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119749.D
 Acq: 4 Apr 2020 7:08

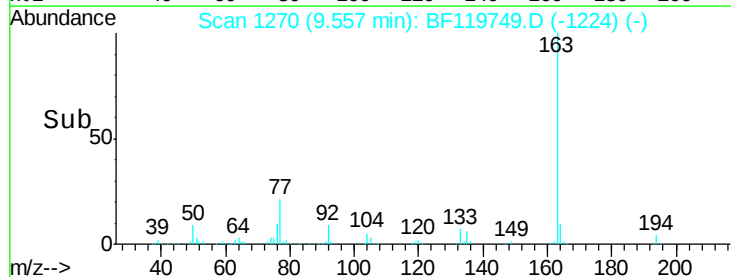
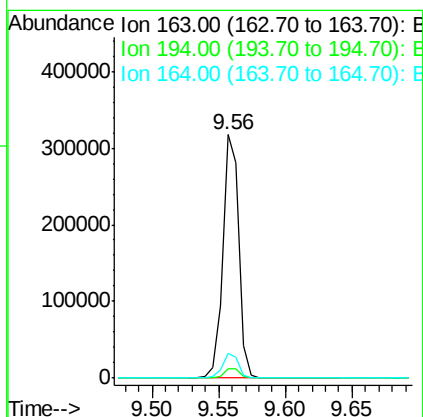
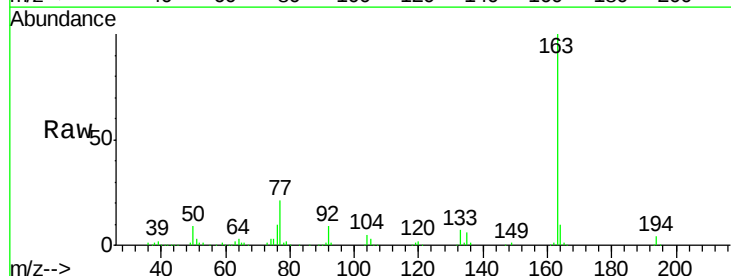
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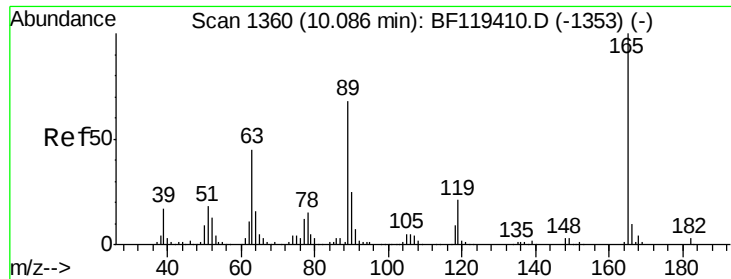
Tgt Ion:172 Resp: 2461121
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.6 20.2 30.2



#50
 Dimethylphthalate
 Concen: 10.73 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.03 min
 Lab File: BF119749.D
 Acq: 4 Apr 2020 7:08

Tgt Ion:163 Resp: 268407
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.1 4.7
 164 10.4 8.2 12.2

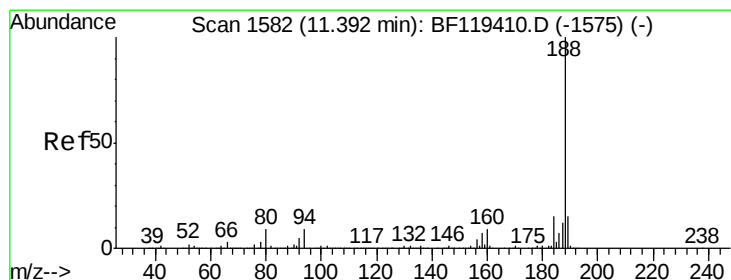
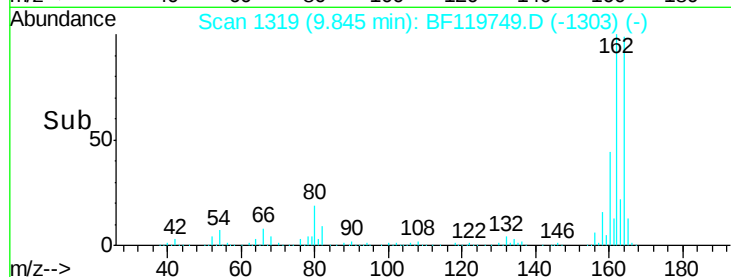
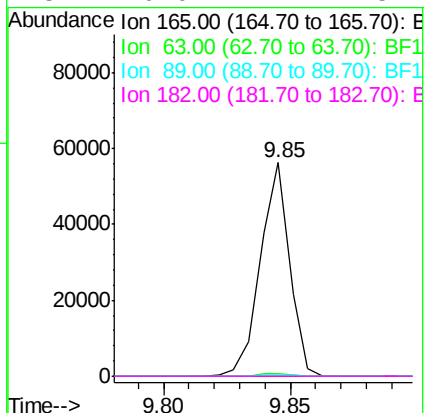
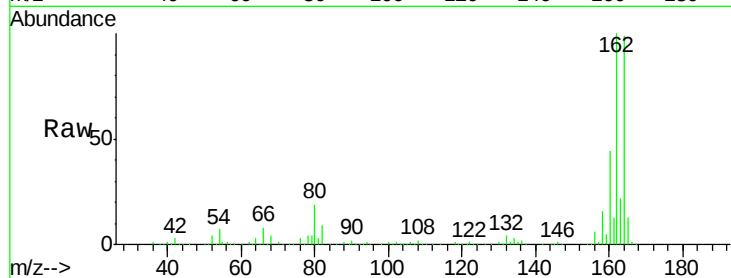




#57
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF119749.D
 Acq: 4 Apr 2020 7:08

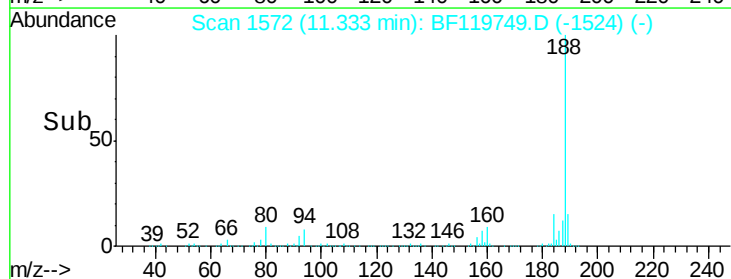
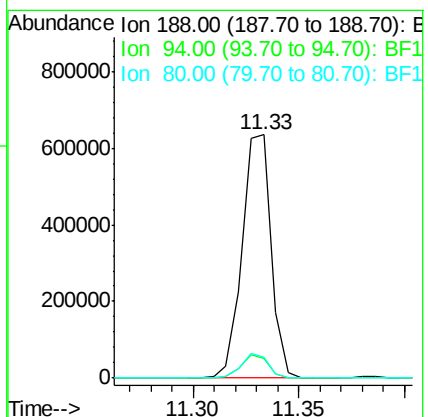
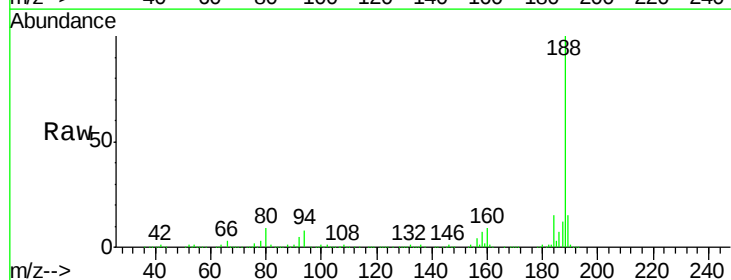
Instrument :
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 ClientSampleId :
 239-01-0-21

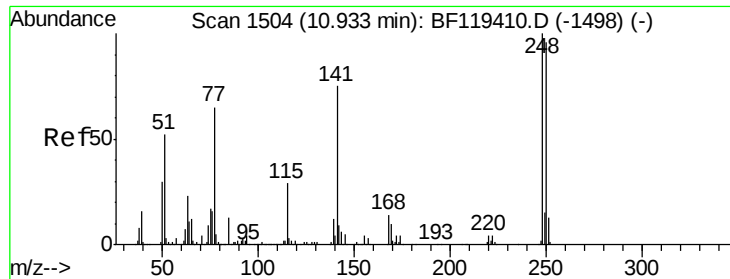
Tgt Ion:	165	Resp:	45478
Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	0.9	61.0	91.4#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF119749.D
 Acq: 4 Apr 2020 7:08

Tgt Ion:	188	Resp:	603526
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.5	11.3
80	8.5	9.0	13.4#

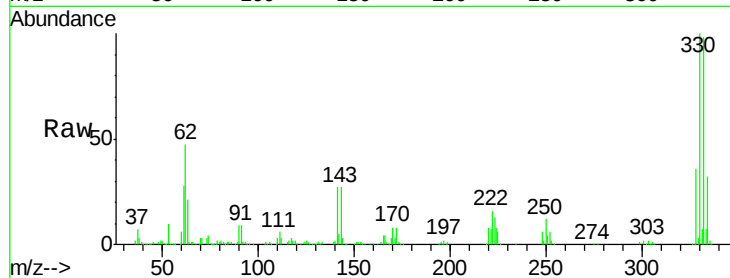




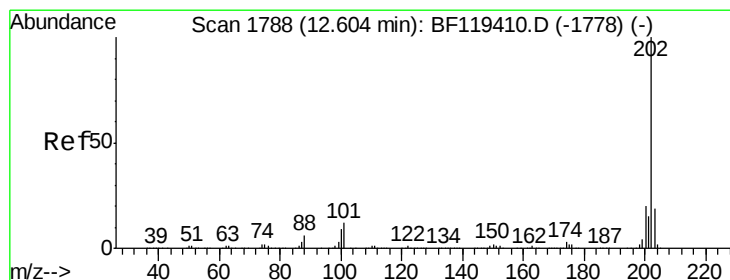
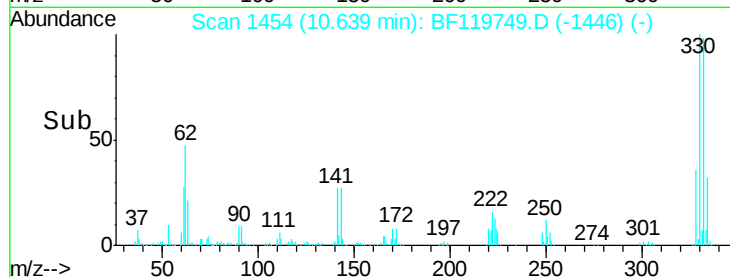
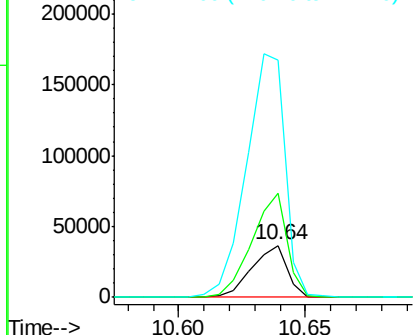
#67
4-Bromophenyl-phenylether
Concen: 5.21 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

Instrument :
BNA_F
ClientSampleId :
239-01-0-21

Tgt Ion:248 Resp: 35811
Ion Ratio Lower Upper
248 100
250 202.3 77.3 115.9#
141 459.3 58.6 87.8#

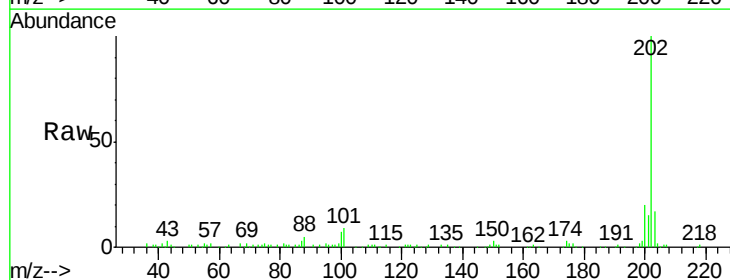


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

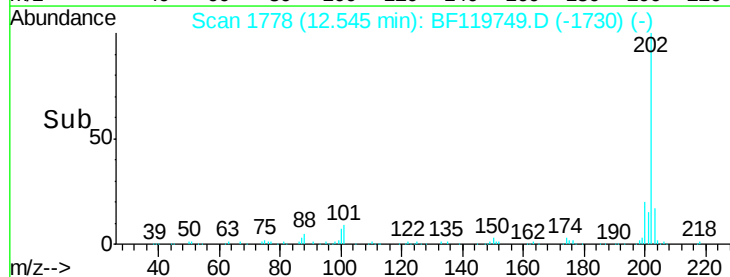
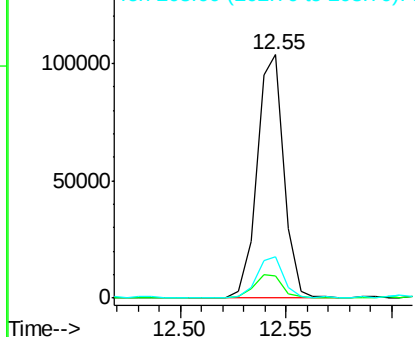


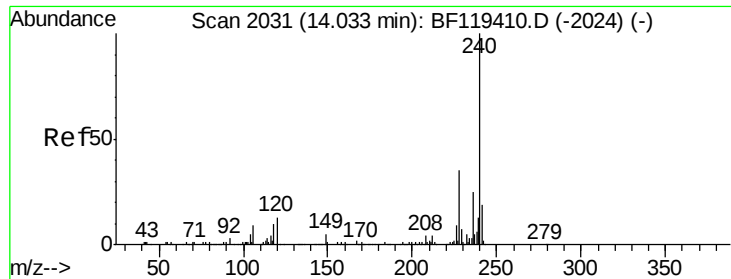
#75
Fluoranthene
Concen: 2.71 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.02 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

Tgt Ion:202 Resp: 91664
Ion Ratio Lower Upper
202 100
101 9.1 0.0 32.2
203 17.2 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

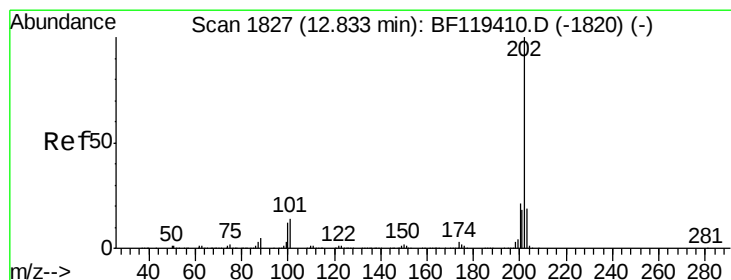
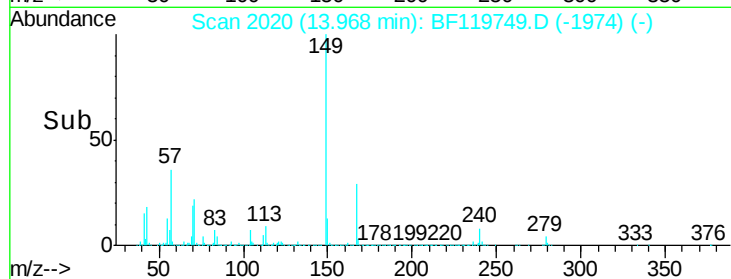
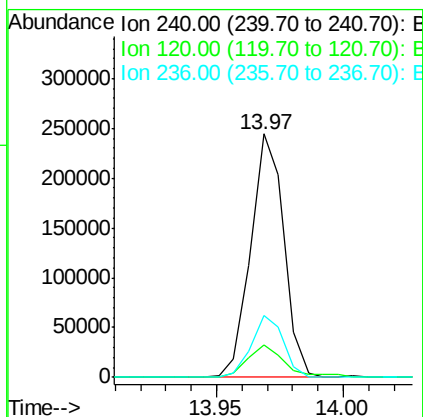
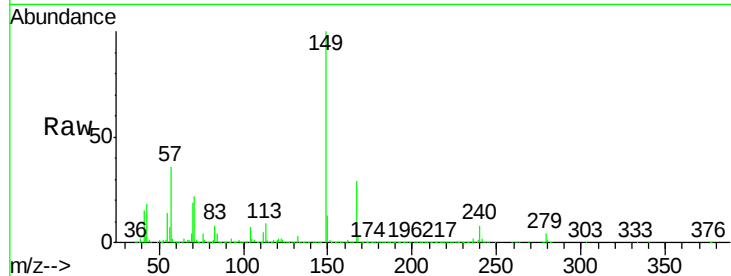




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

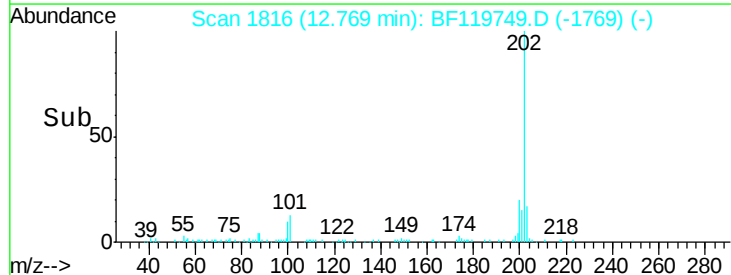
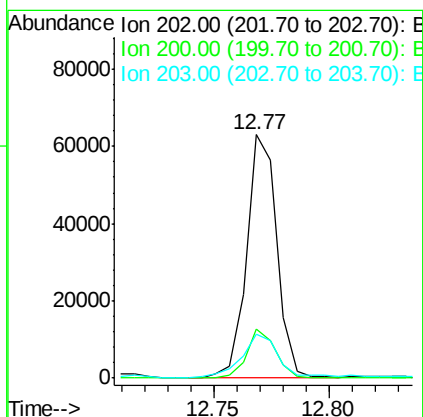
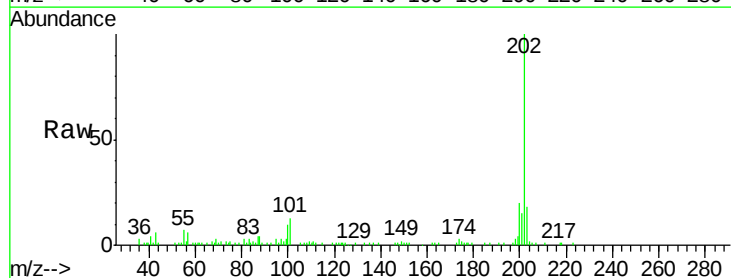
Instrument :
BNA_F
ClientSampleId :
239-01-0-21

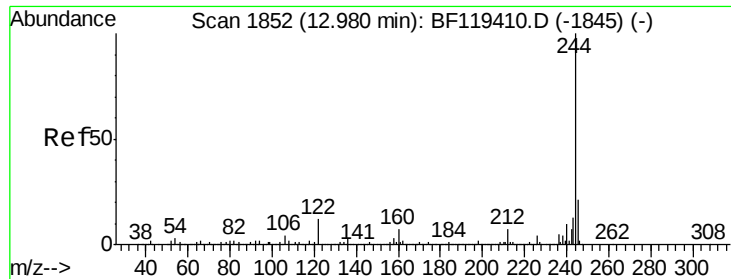
Tgt Ion:240 Resp: 222623
Ion Ratio Lower Upper
240 100
120 13.6 10.6 15.8
236 25.7 20.2 30.2



#78
Pyrene
Concen: 3.17 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

Tgt Ion:202 Resp: 57896
Ion Ratio Lower Upper
202 100
200 19.9 16.8 25.2
203 18.0 15.1 22.7





#79

Terphenyl-d14

Concen: 180.61 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

Instrument :

BNA_F

ClientSampleId :

239-01-0-21

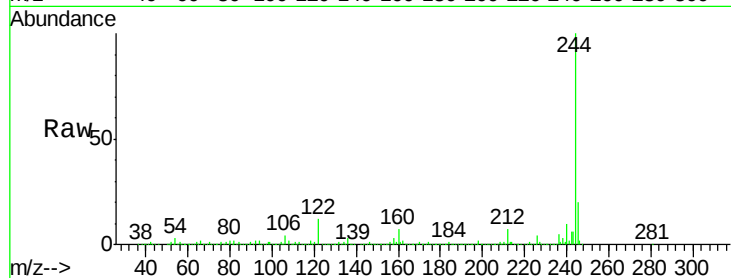
Tgt Ion:244 Resp: 2052305

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

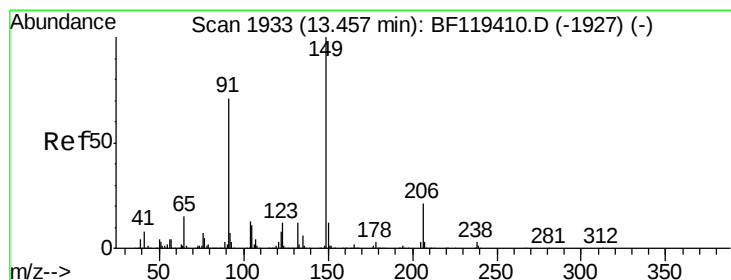
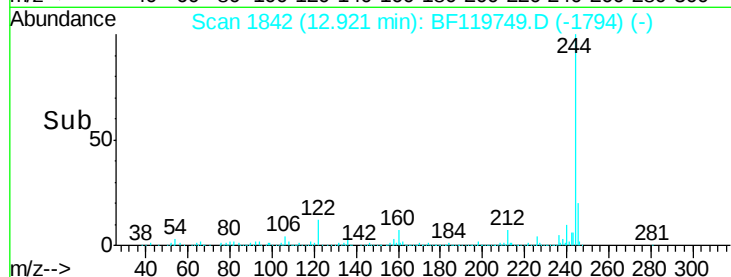
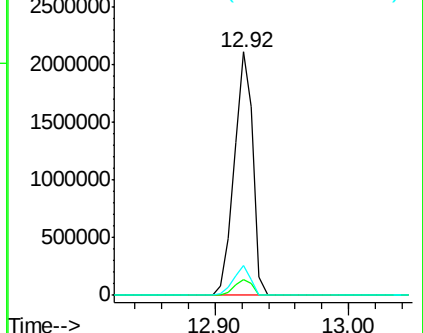
122 12.1 10.3 15.5



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



#80

Butylbenzylphthalate

Concen: 5.00 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

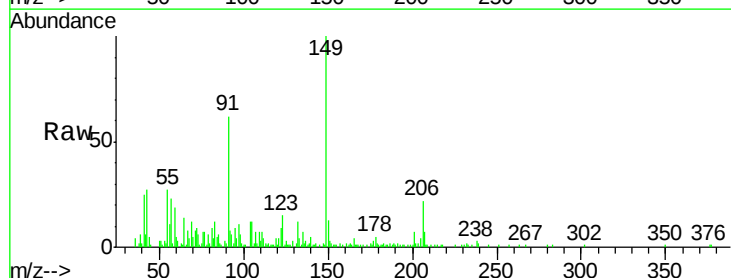
Tgt Ion:149 Resp: 36932

Ion Ratio Lower Upper

149 100

91 61.8 54.7 82.1

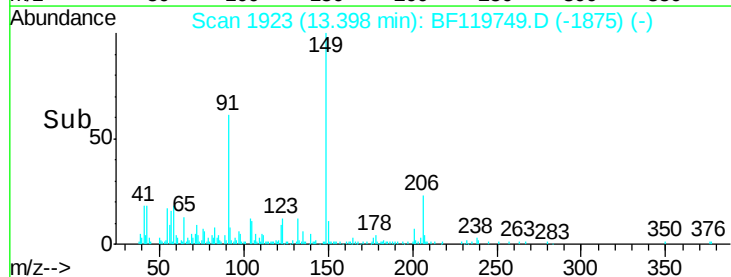
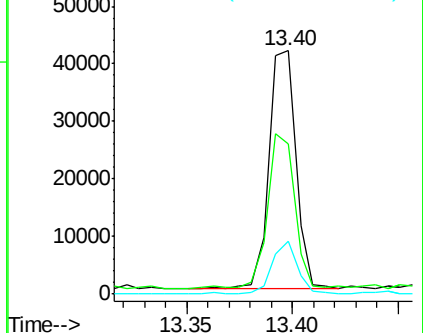
206 21.9 16.2 24.2

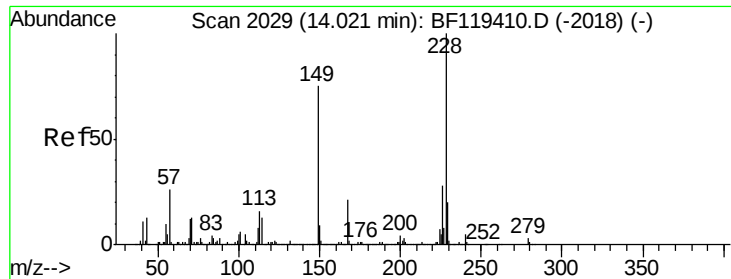


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1106.50 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

Instrument :

BNA_F

ClientSampleId :

239-01-0-21

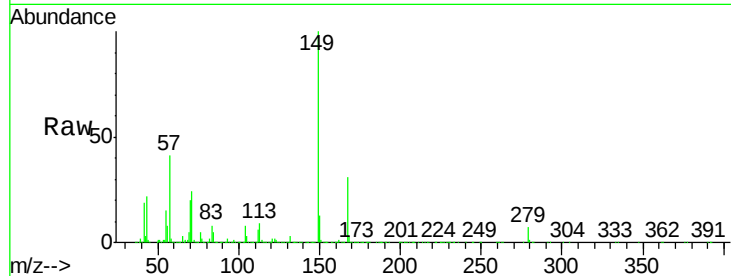
Tgt Ion:149 Resp: 9747112

Ion Ratio Lower Upper

149 100

167 31.4 21.3 31.9

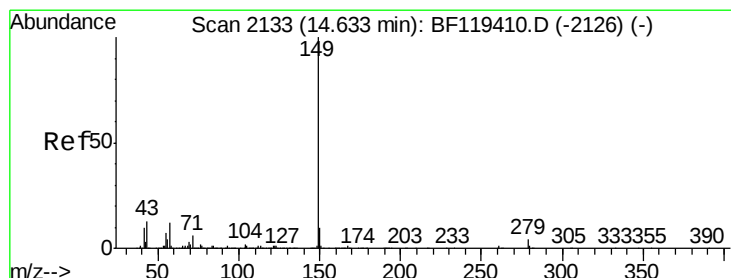
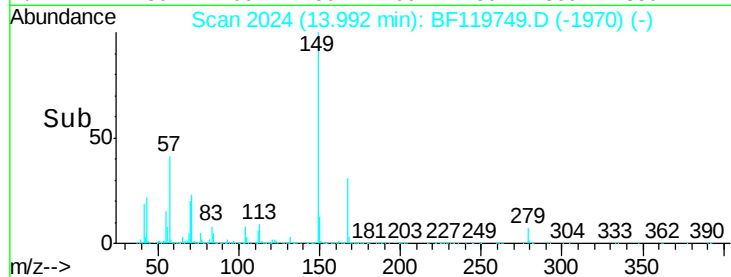
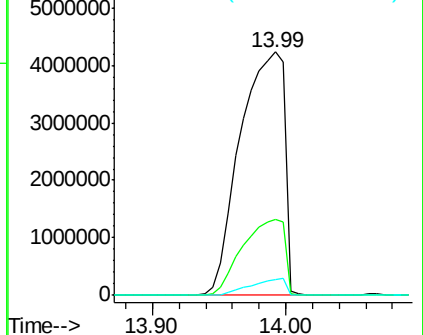
279 6.7 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 13.68 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.05 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

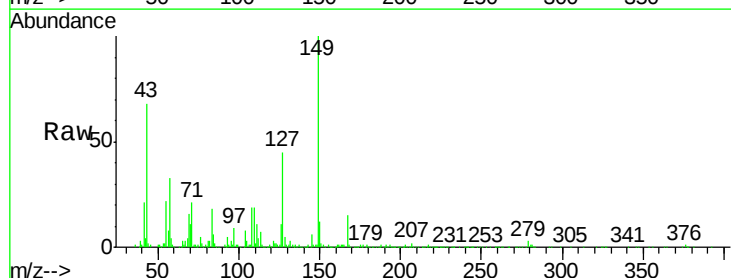
Tgt Ion:149 Resp: 211892

Ion Ratio Lower Upper

149 100

167 15.6 1.2 1.8#

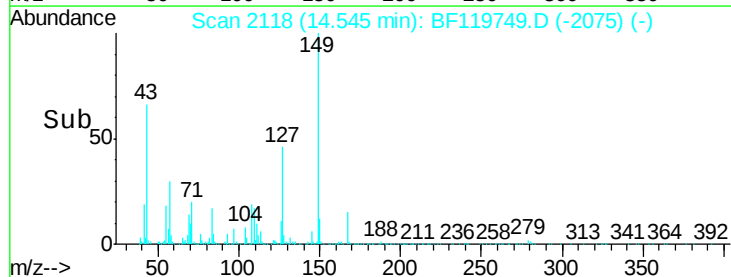
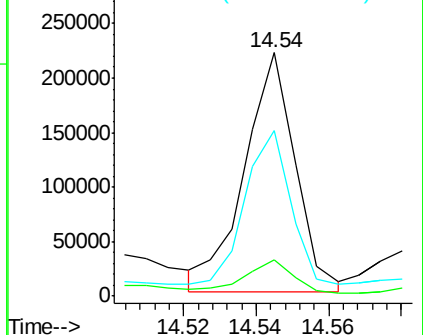
43 60.1 9.3 13.9#

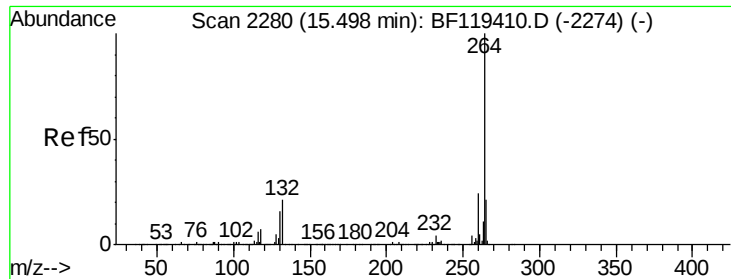


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

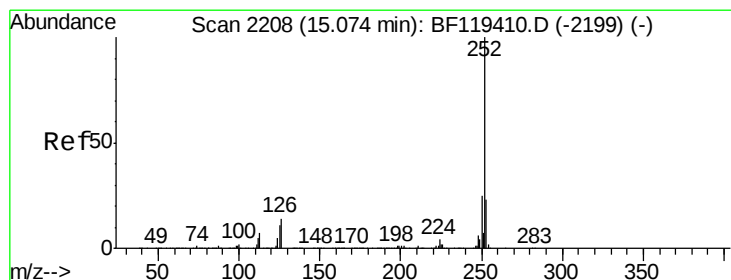
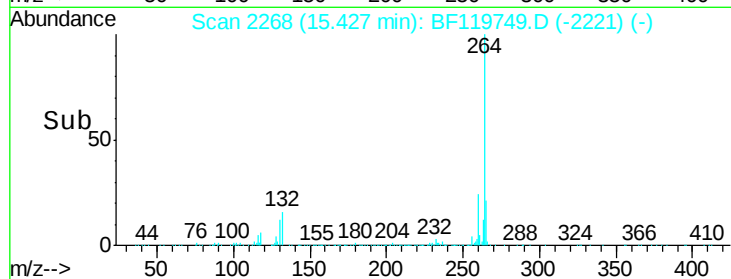
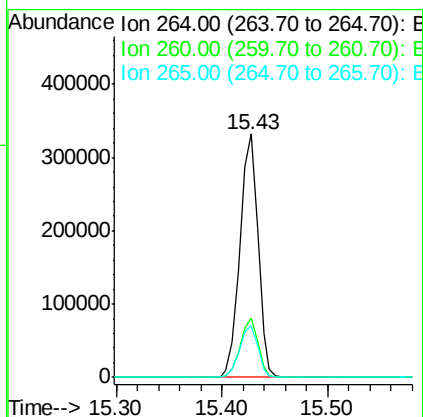
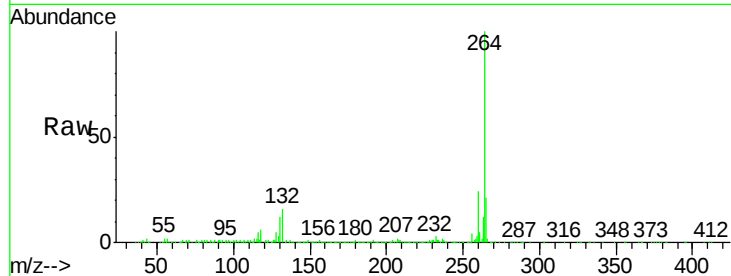




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

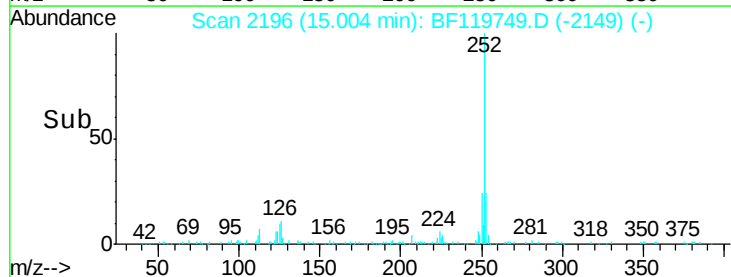
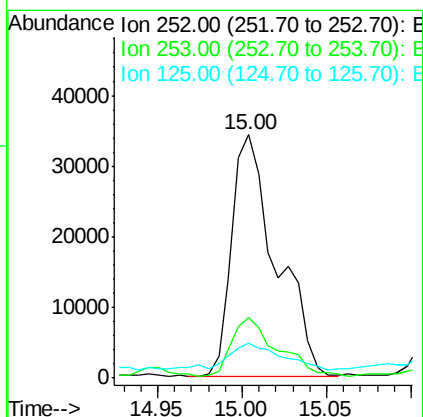
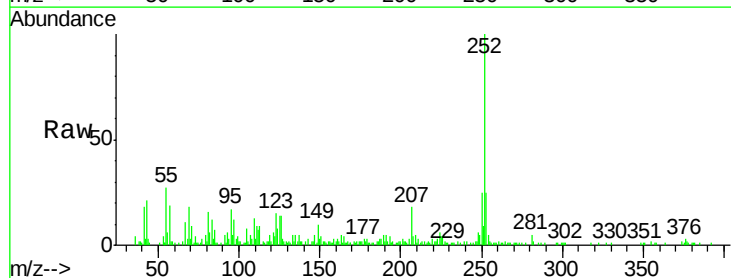
Instrument :
BNA_F
ClientSampleId :
239-01-0-21

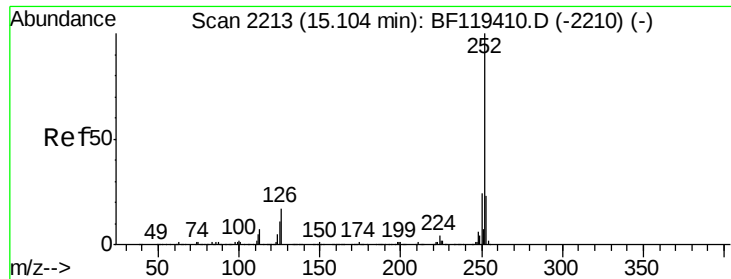
Tgt Ion:264 Resp: 390832
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.2 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 2.41 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

Tgt Ion:252 Resp: 62809
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.0
125 14.2 7.9 11.9#





#89

Benzo(k)fluoranthene

Concen: 2.53 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.06 min

Lab File: BF119749.D

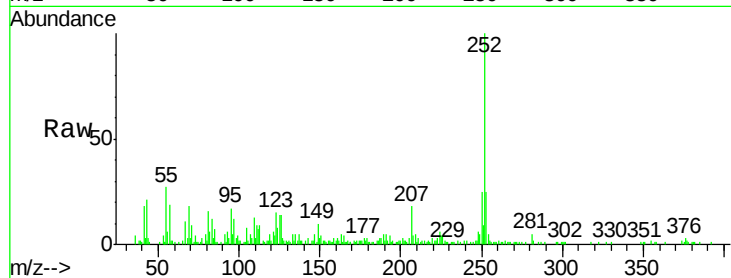
Acq: 4 Apr 2020 7:08

Instrument :

BNA_F

ClientSampleId :

239-01-0-21



Tgt Ion:	252	Resp:	62809
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	14.2	8.4	12.6#

