

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 06 08:59:05 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

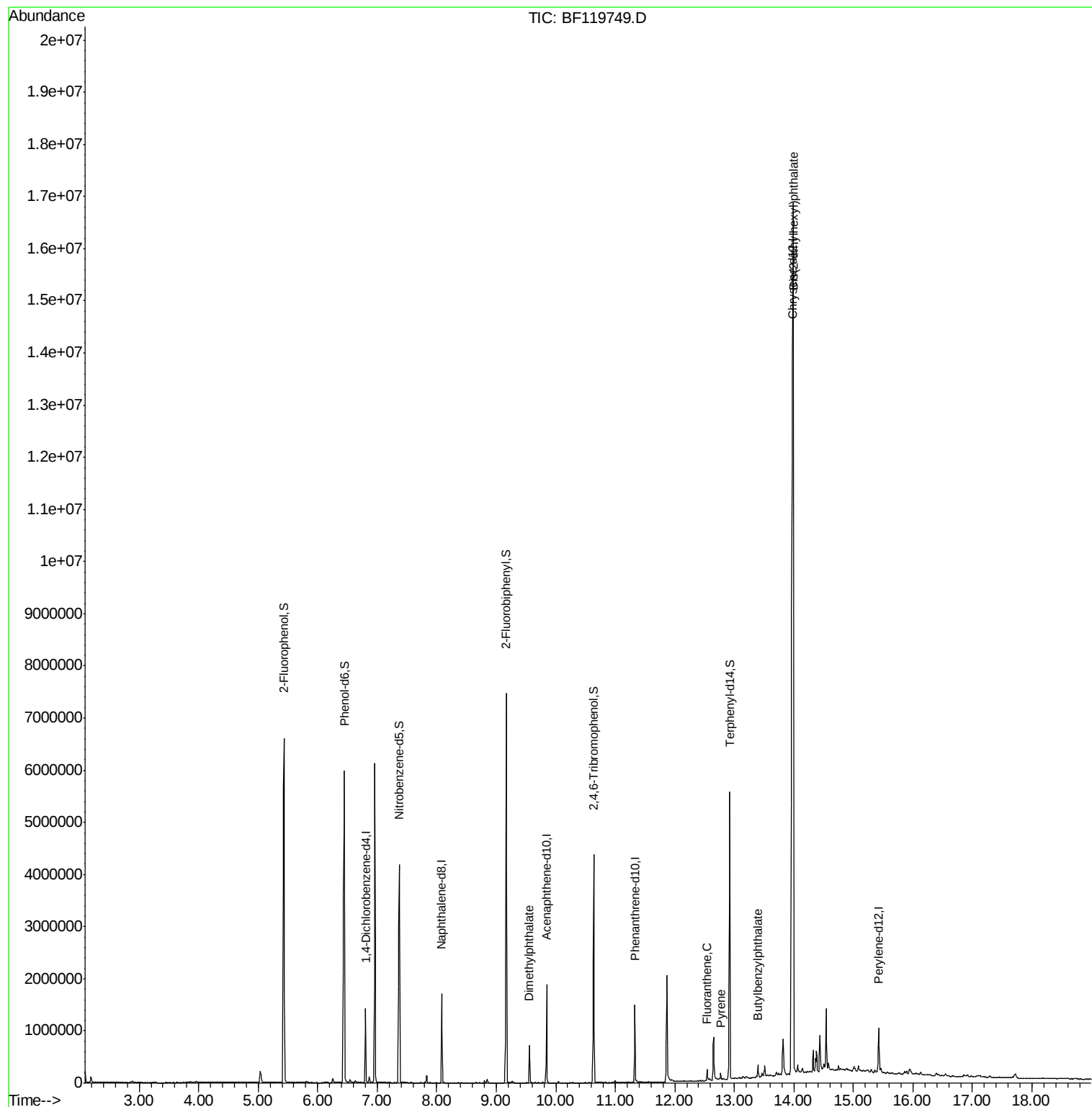
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	194231	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	713167	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	352249	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	603526	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	222623	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						
50) Dimethylphthalate	9.56	163	268407	10.728	ng	Qvalue 100
75) Fluoranthene	12.55	202	91664	2.707	ng	95
78) Pyrene	12.77	202	57896	3.169	ng	98
80) Butylbenzylphthalate	13.40	149	36932	4.998	ng	93
84) Bis(2-ethylhexyl)phthalate	13.99	149	9747112	1106.496	ng	# 91

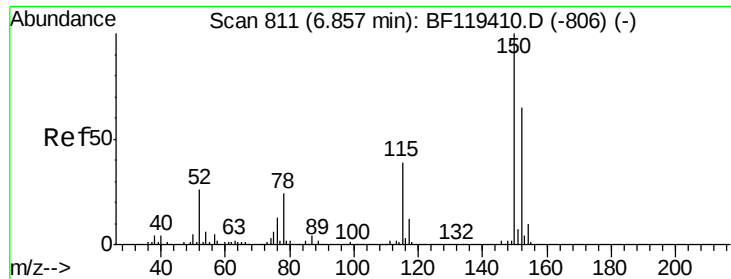
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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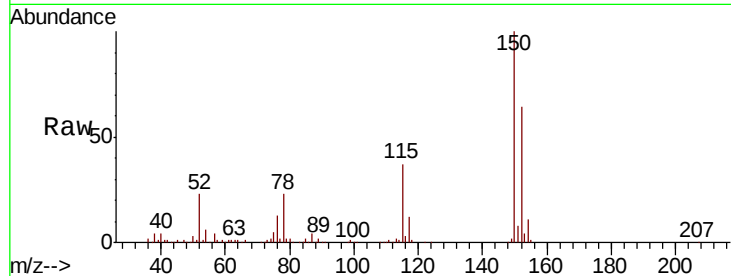


#1

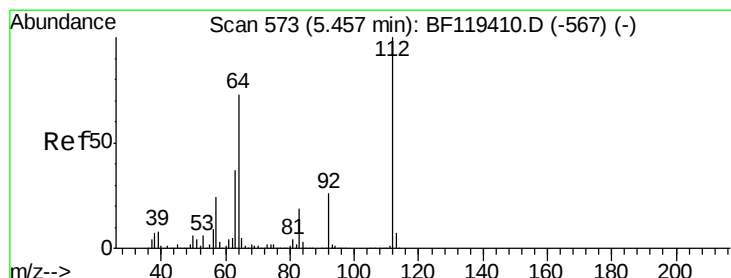
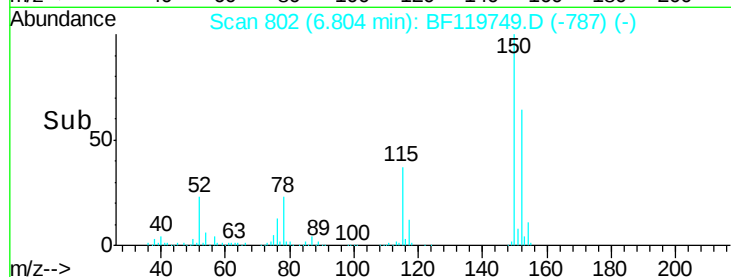
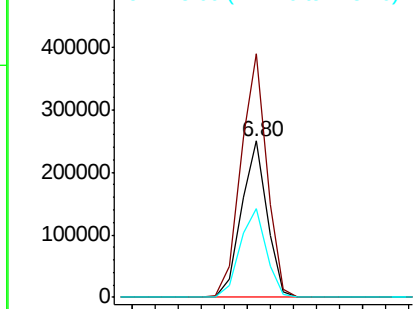
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

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

Tot Ion:152 Resp: 194231
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 57.2 49.6 74.4



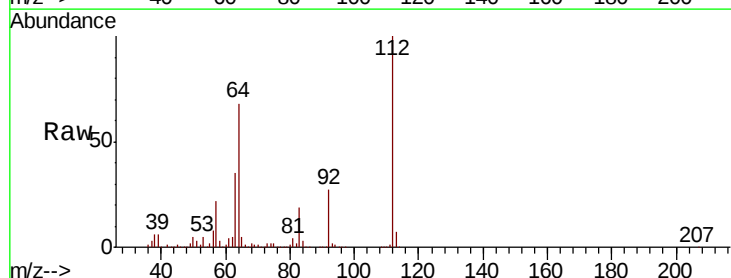
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



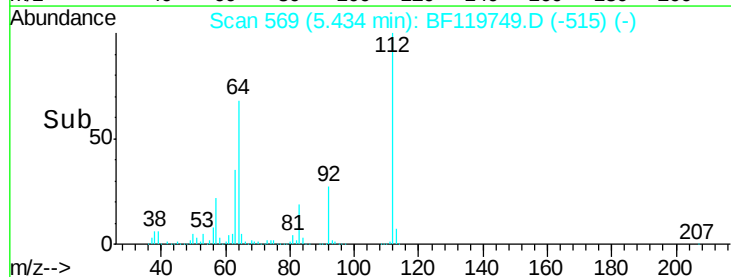
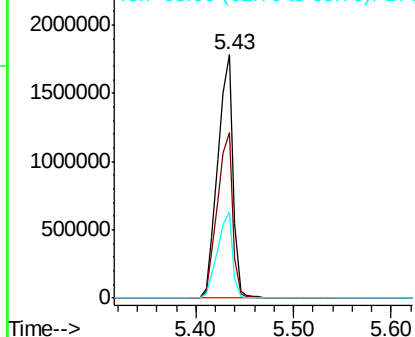
#5

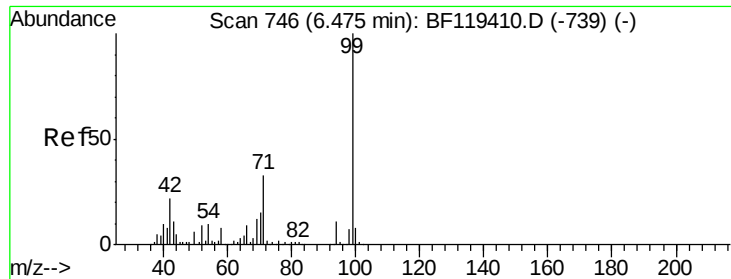
2-Fluorophenol
Concen: 158.536 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

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: 157.241 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

Instrument :

BNA_F

ClientSampled :

239-01-0-21

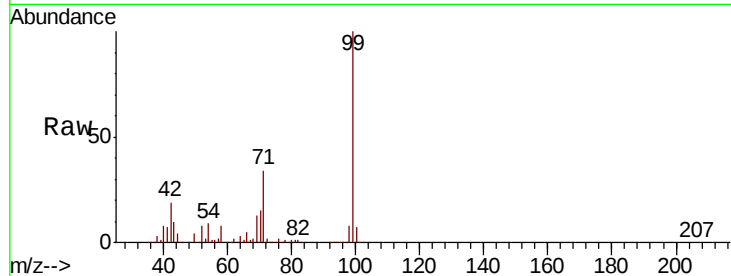
Tot Ion: 99 Resp: 2450784

Ion Ratio Lower Upper

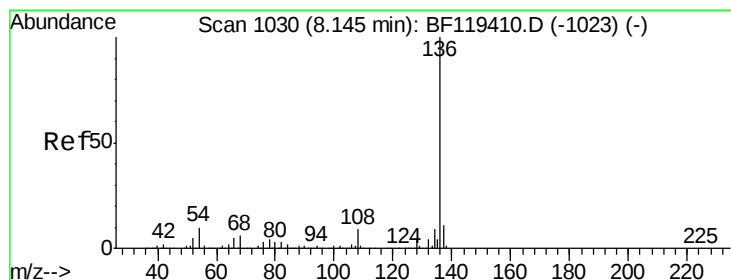
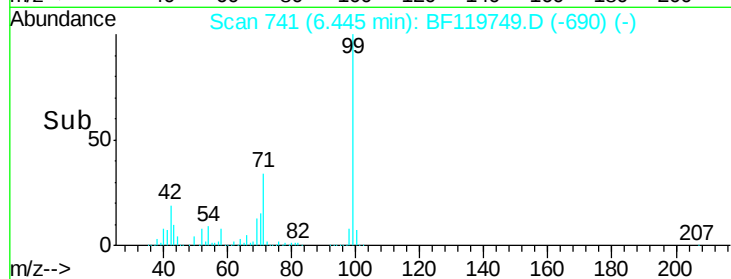
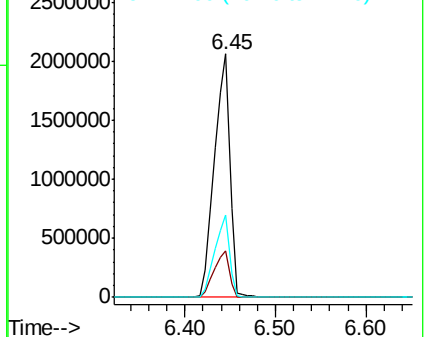
99 100

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



#21

Naphthalene-d8

Concen: 20.000 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

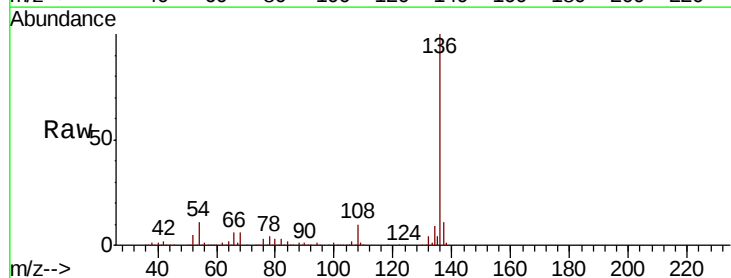
Ion Ratio Lower Upper

136 100

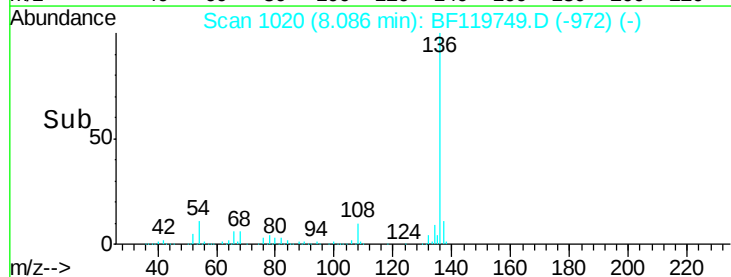
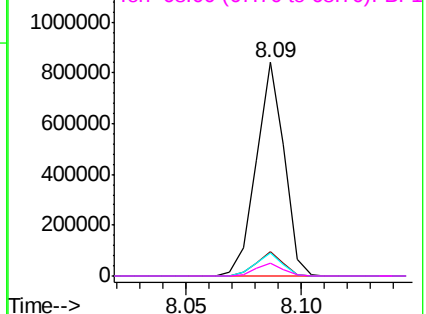
137 11.2 8.7 13.1

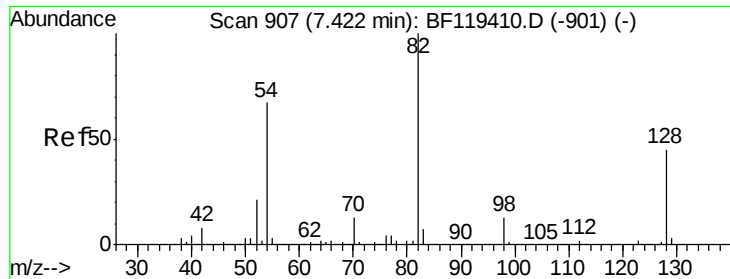
54 10.5 9.1 13.7

68 5.9 4.6 6.8



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

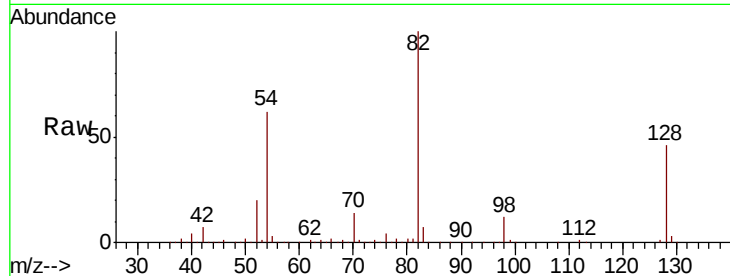




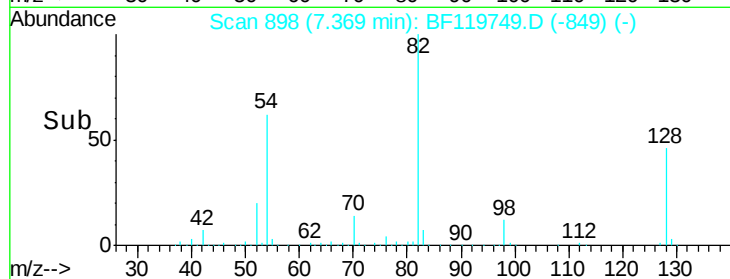
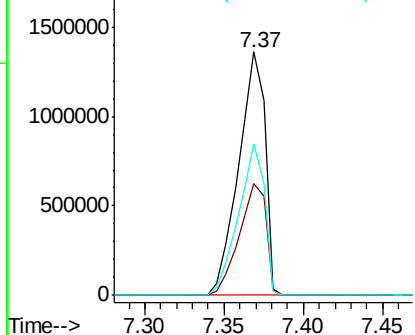
#23
Nitrobenzene-d5
Concen: 119.498 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

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

Tot Ion: 82 Resp: 1568089
Ion Ratio Lower Upper
82 100
128 46.1 36.3 54.5
54 62.2 50.6 75.8

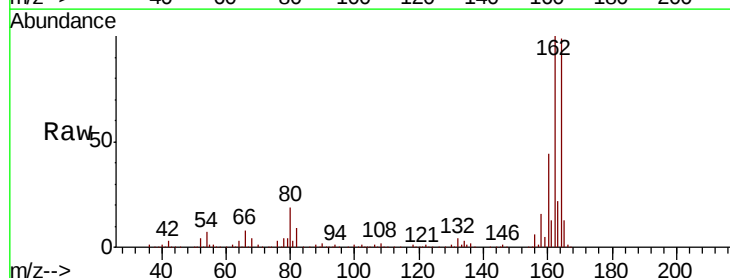


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

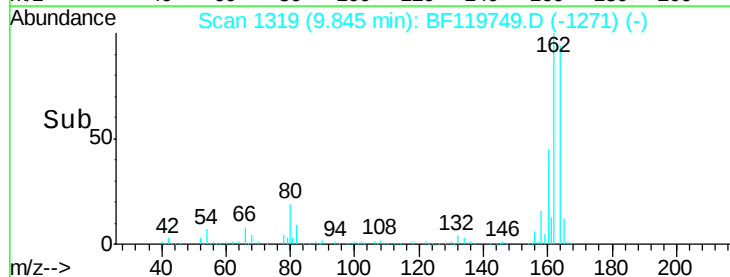
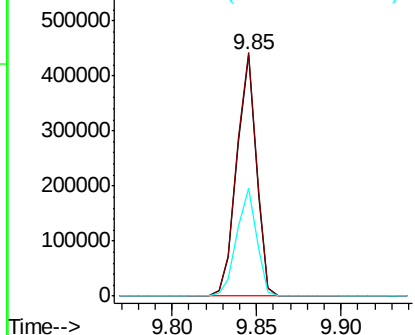


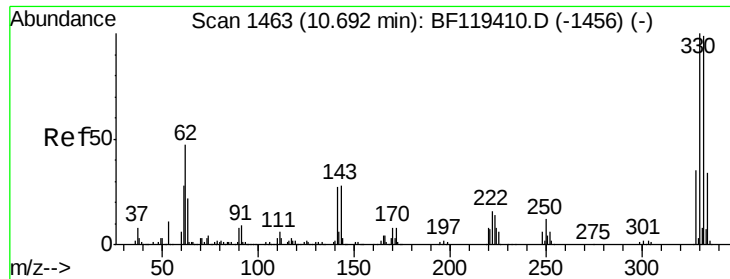
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF119749.D
Acq: 4 Apr 2020 7:08

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



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

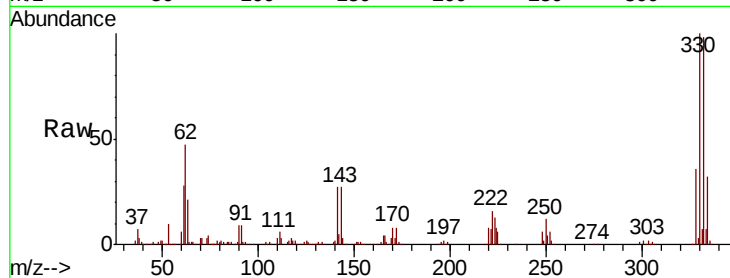




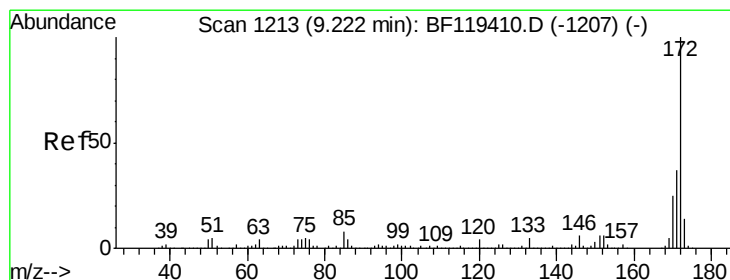
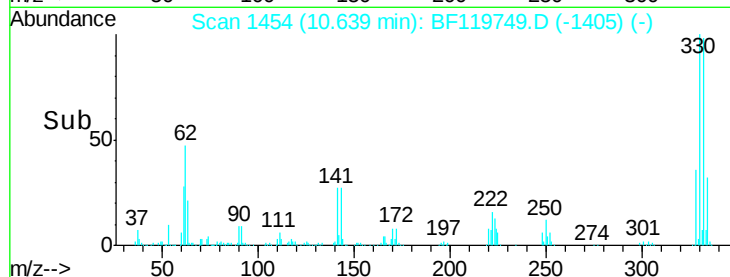
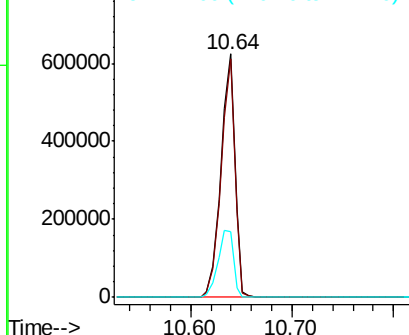
#42
 2,4,6-Tribromophenol
 Concen: 165.960 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119749.D
 Acq: 4 Apr 2020 7:08

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	30.5	25.4	38.0

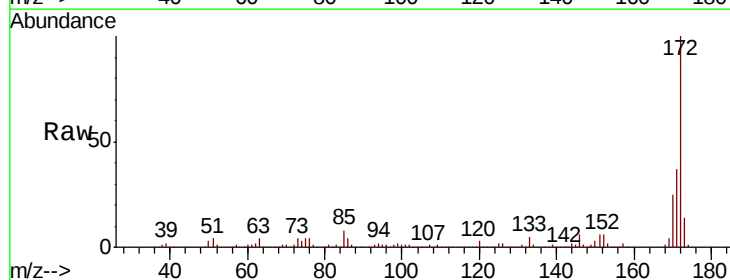


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

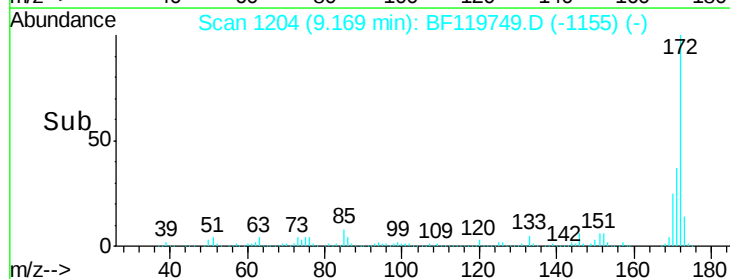
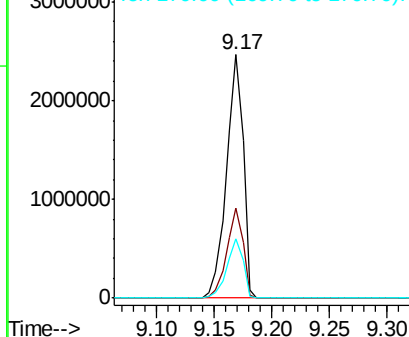


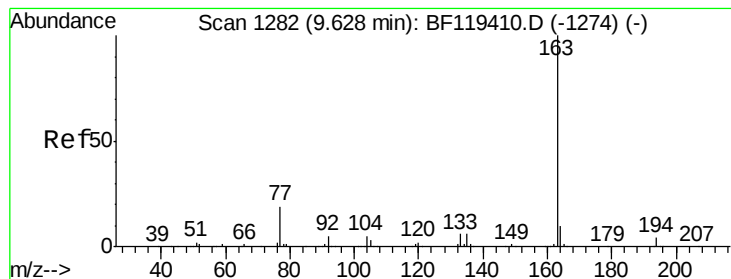
#45
 2-Fluorobiphenyl
 Concen: 103.509 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119749.D
 Acq: 4 Apr 2020 7:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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: 10.728 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.03 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

Instrument :

BNA_F

ClientSampleId :

239-01-0-21

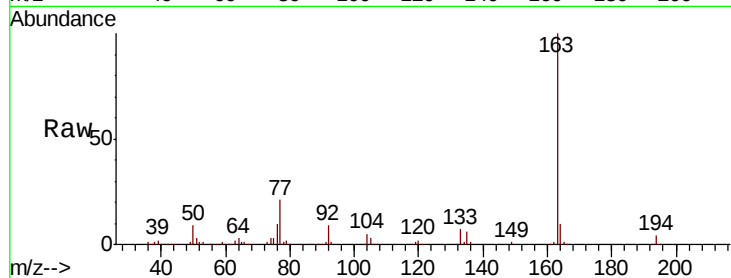
Tot Ion:163 Resp: 268407

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

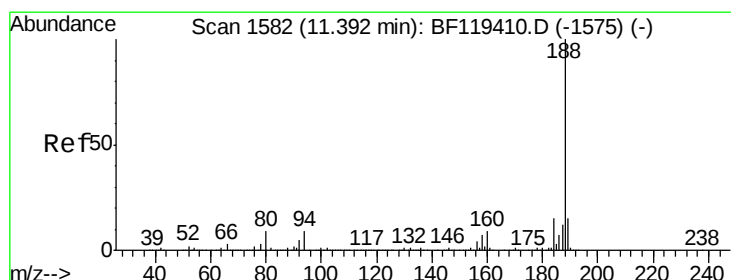
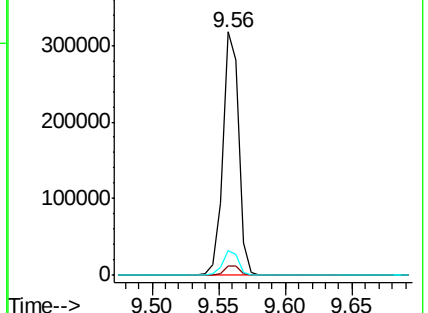
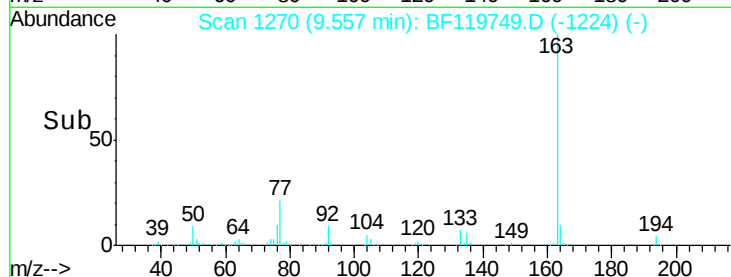
164 10.4 8.2 12.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

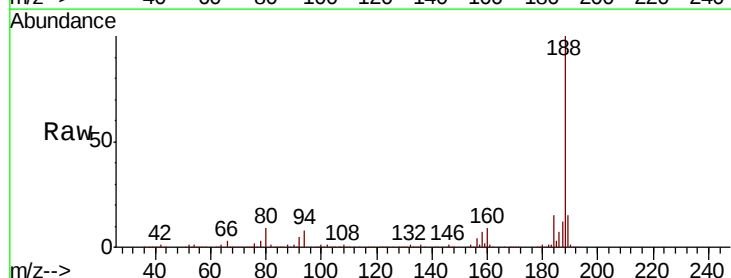
Tgt Ion:188 Resp: 603526

Ion Ratio Lower Upper

188 100

94 7.9 7.5 11.3

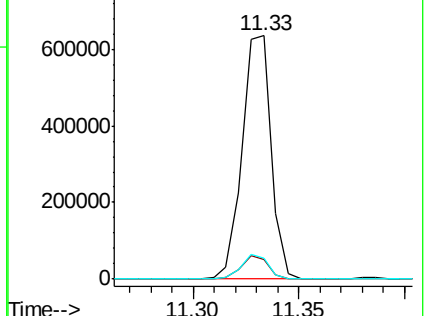
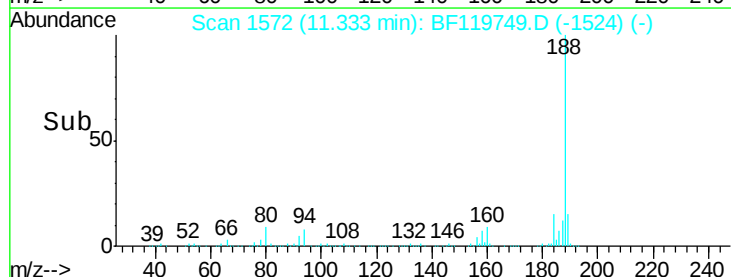
80 8.5 9.0 13.4#

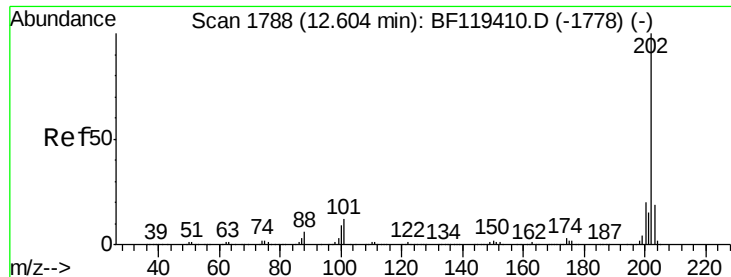


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.707 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.02 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

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239-01-0-21

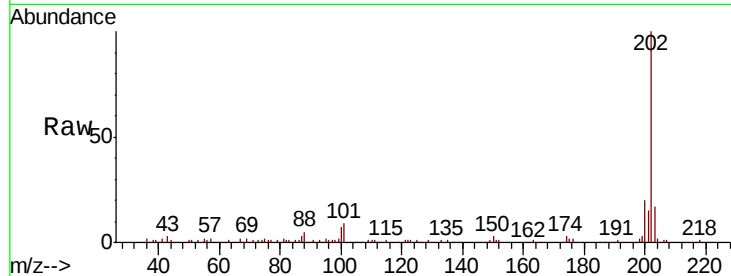
Tot Ion:202 Resp: 91664

Ion Ratio Lower Upper

202 100

101 9.1 0.0 32.2

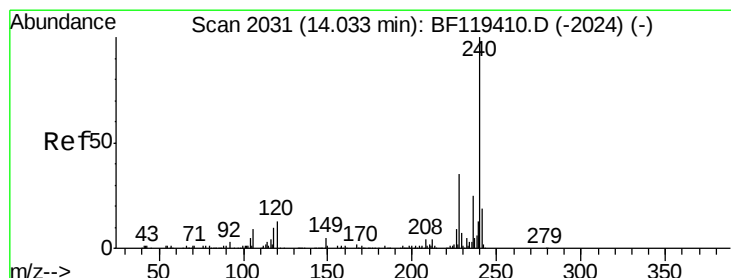
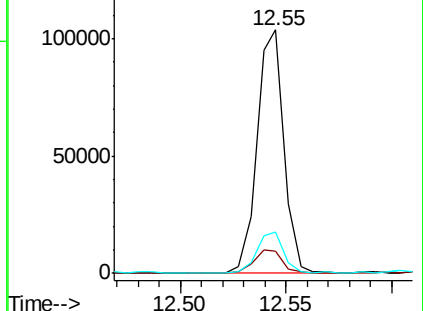
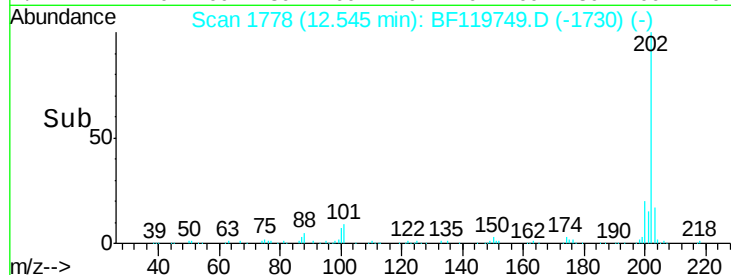
203 17.2 0.0 38.8



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: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

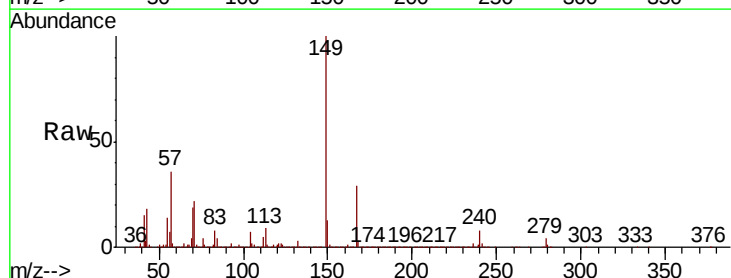
Tgt Ion:240 Resp: 222623

Ion Ratio Lower Upper

240 100

120 13.6 10.6 15.8

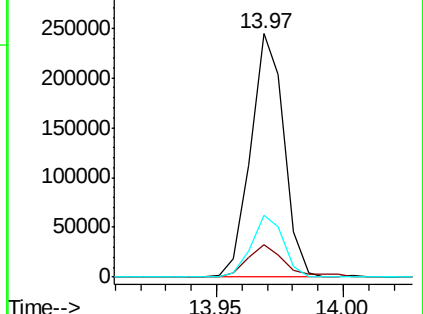
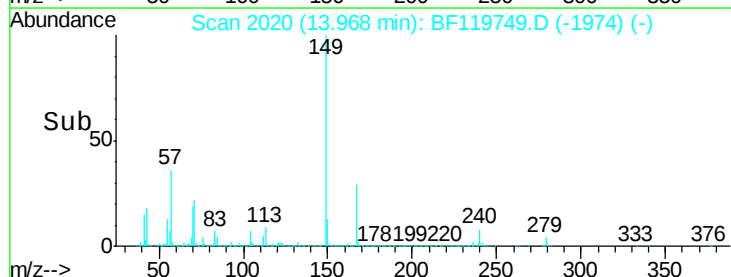
236 25.7 20.2 30.2

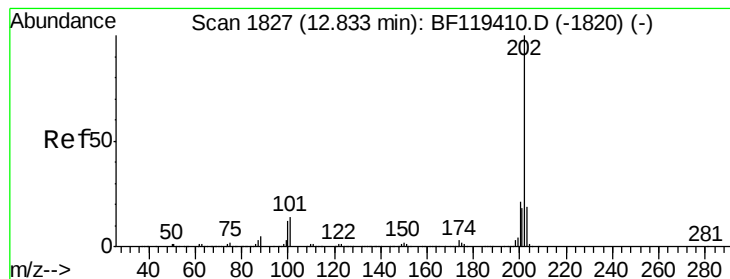


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.169 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

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239-01-0-21

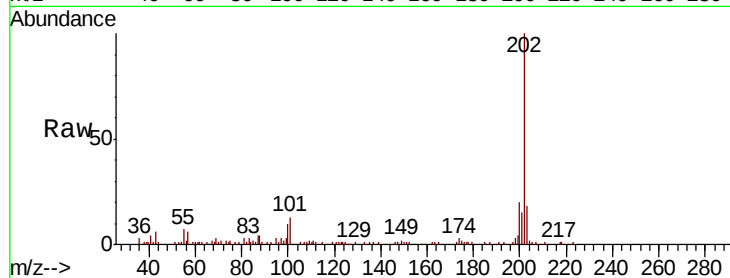
Tot Ion:202 Resp: 57896

Ion Ratio Lower Upper

202 100

200 19.9 16.8 25.2

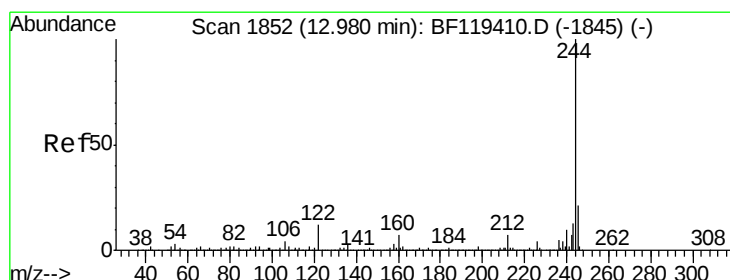
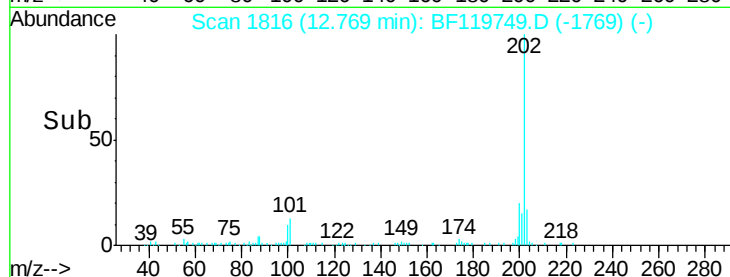
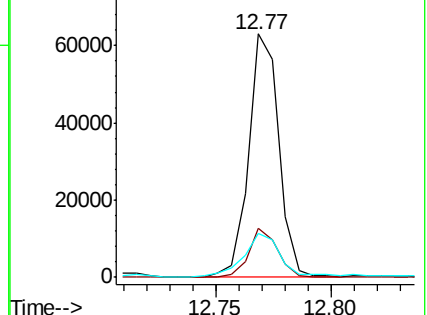
203 18.0 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 180.615 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF119749.D

Acq: 4 Apr 2020 7:08

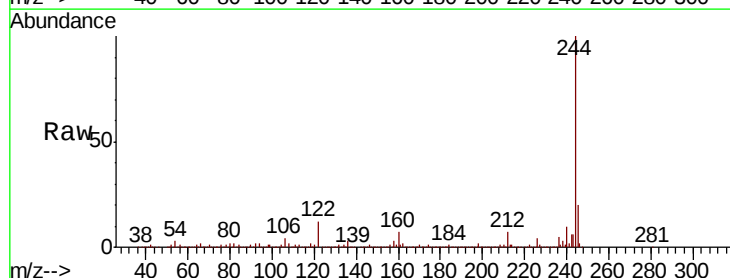
Tgt Ion:244 Resp: 2052305

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

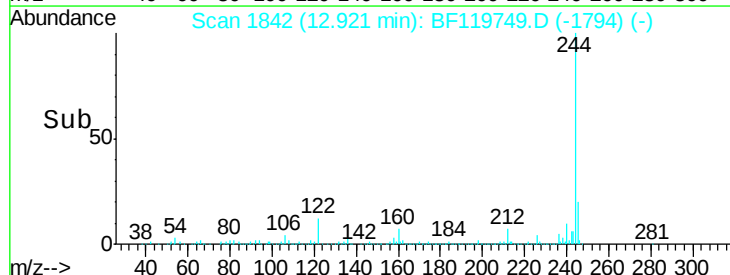
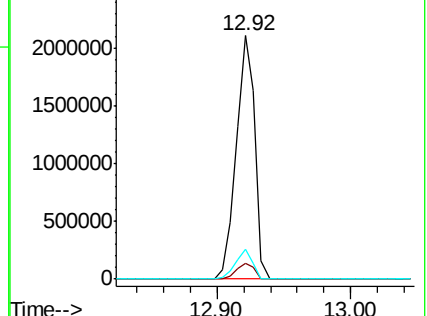
122 12.1 10.3 15.5

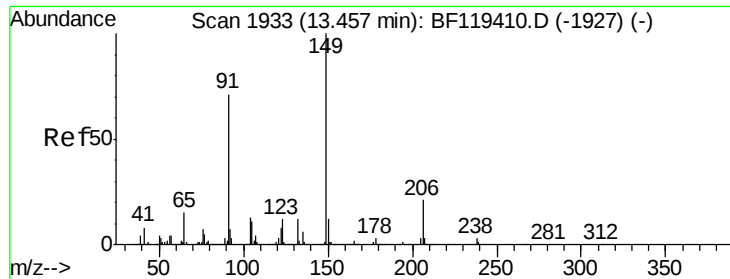


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

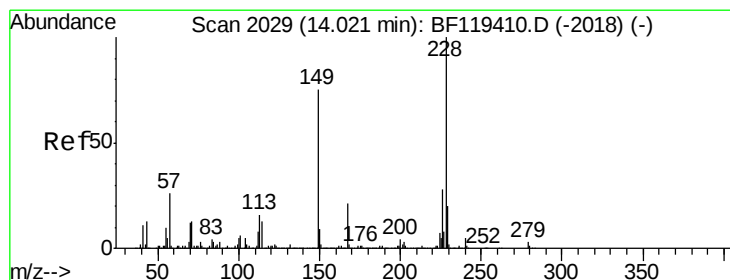
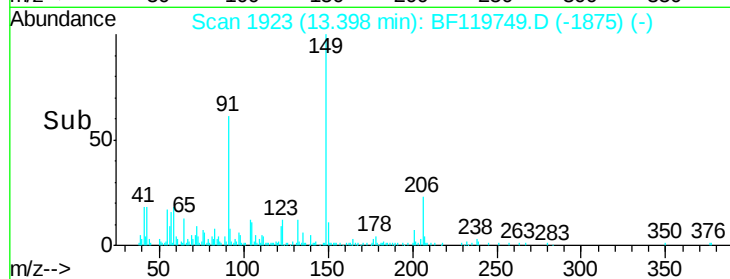
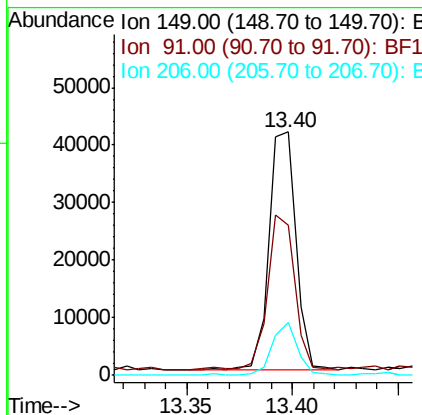
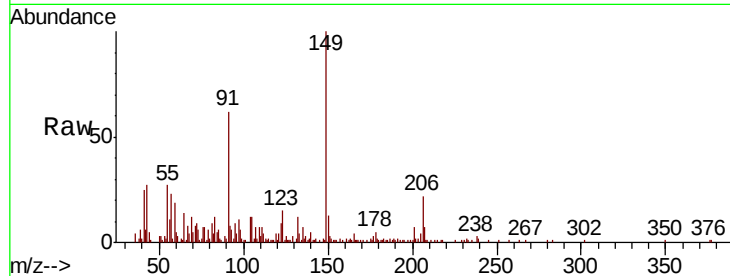




#80
 Butylbenzylphthalate
 Concen: 4.998 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BF119749.D
 Acq: 4 Apr 2020 7:08

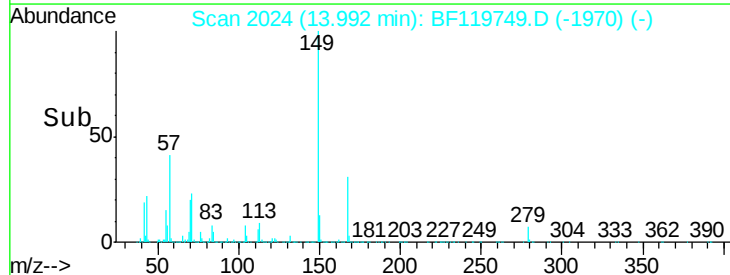
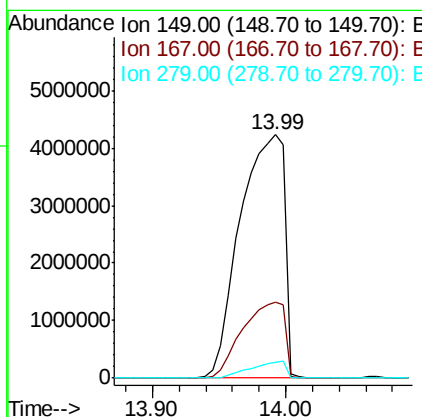
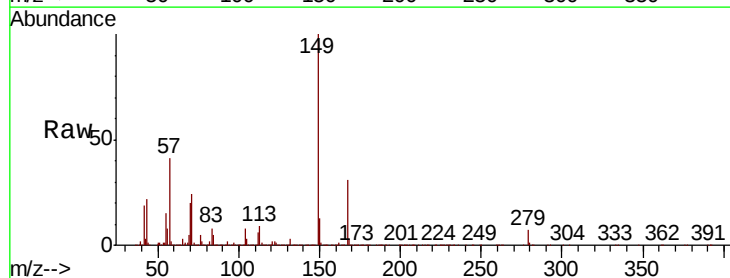
Instrument :
 BNA_F
 ClientSampleId :
 239-01-0-21

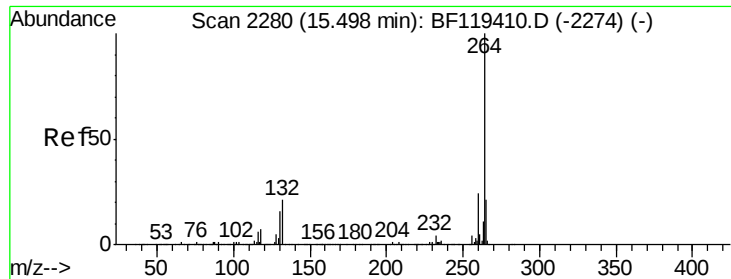
Tot Ion:149 Resp: 36932
 Ion Ratio Lower Upper
 149 100
 91 61.8 54.7 82.1
 206 21.9 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1106.496 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.02 min
 Lab File: BF119749.D
 Acq: 4 Apr 2020 7:08

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#





#87
Pervlene-d12
Concen: 20.000 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

Tot Ion: 264 Resp: 390832

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.2	17.7	26.5

