

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119671.D
 Acq On : 1 Apr 2020 13:40
 Operator : MA/SJ
 Sample : L1758-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-03-033020

Quant Time: Apr 01 14:29:21 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

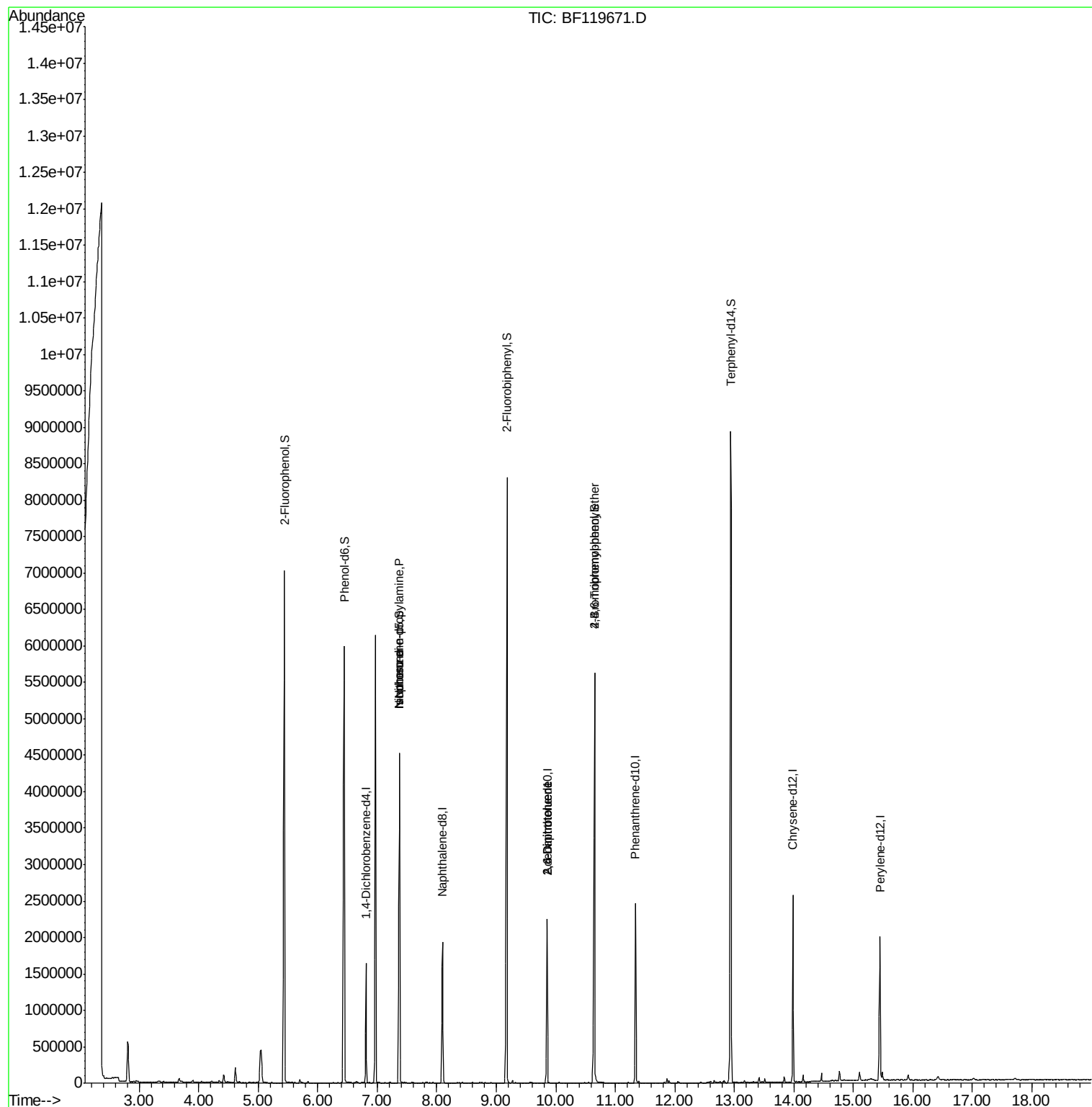
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	251912	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	975481	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	516250	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1023248	20.00	ng	0.00
76) Chrysene-d12	13.99	240	855302	20.00	ng	-0.01
87) Perylene-d12	15.44	264	891066	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2178643	137.67	ng	0.02
7) Phenol-d6	6.45	99	2555268	126.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	1878871	104.68	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	888514	166.83	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3354890	96.27	ng	0.00
79) Terphenyl-d14	12.94	244	4011848	91.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	241812	19.846	ng	# 76
25) Isophorone	7.37	82	1872538	51.430	ng	# 65
51) 2,6-Dinitrotoluene	9.86	165	66110	8.411	ng	# 26
57) 2,4-Dinitrotoluene	9.86	165	66110	6.677	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	53345	4.578	ng	# 1

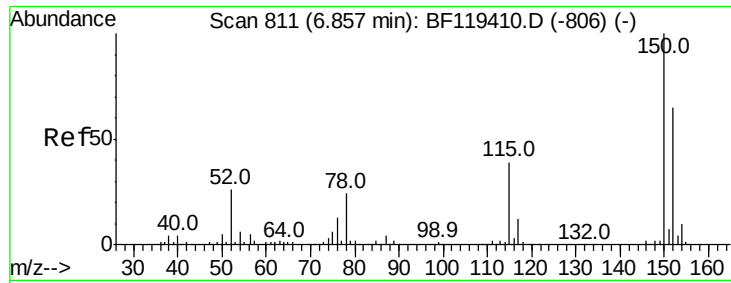
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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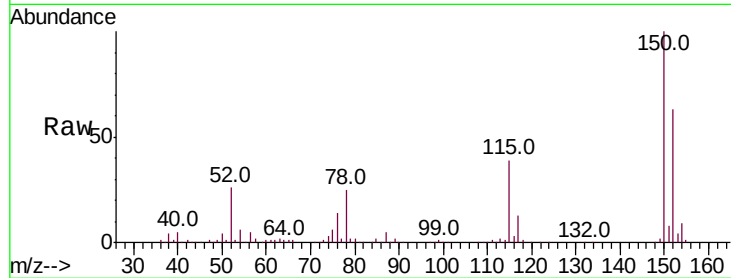


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119671.D
Acq: 1 Apr 2020 13:40

Instrument :
BNA_F
ClientSampleId :
PL-03-033020

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.5	186.7
115	61.6	49.6	74.4

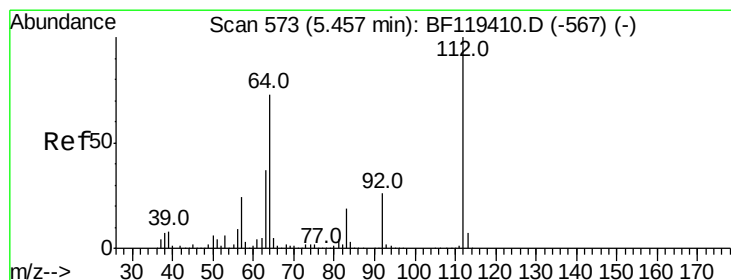
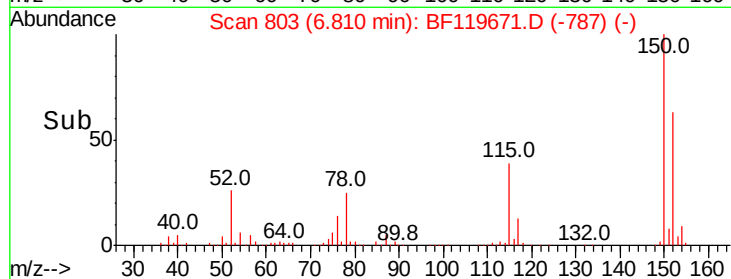
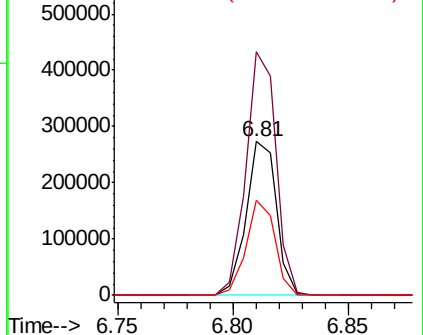


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

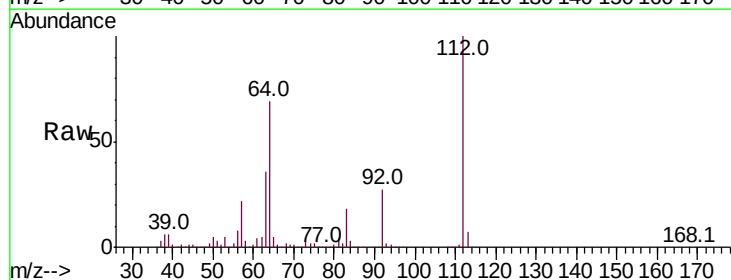
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.675 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119671.D
Acq: 1 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	56.7	85.1
63	35.6	29.5	44.3

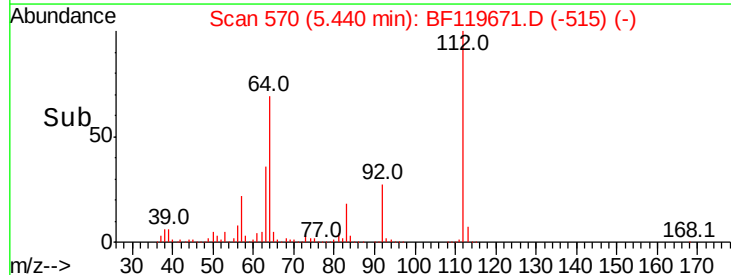
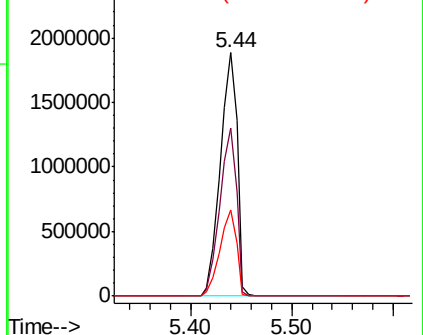


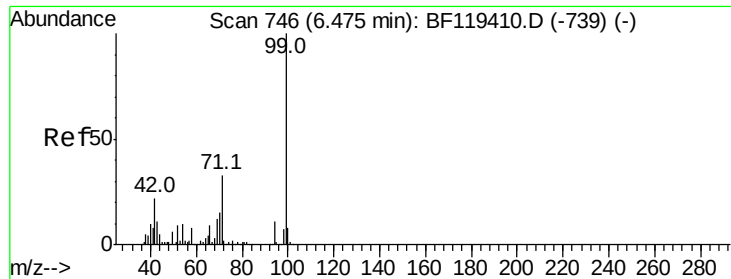
Abundance

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: 126.406 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

Instrument :

BNA_F

ClientSampled :

PL-03-033020

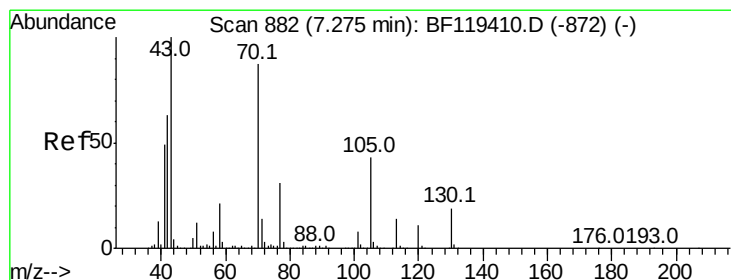
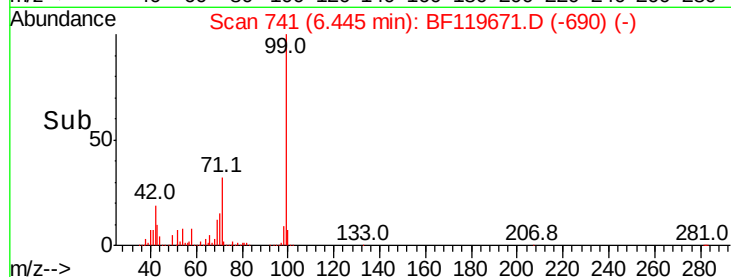
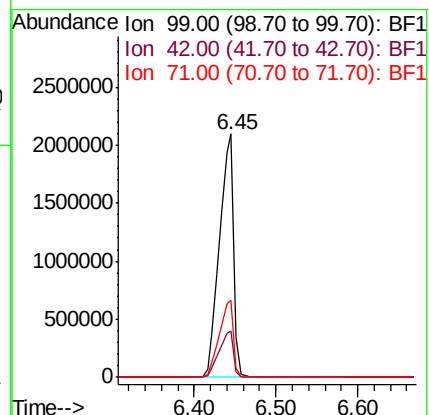
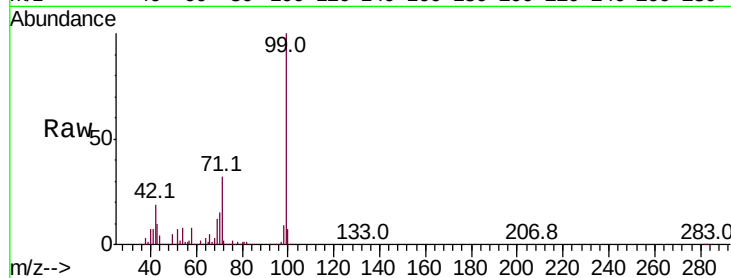
Tot Ion: 99 Resp: 2555268

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

71 31.9 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.846 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

Tgt Ion: 70 Resp: 241812

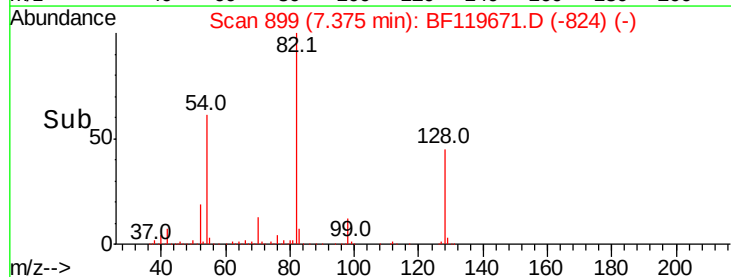
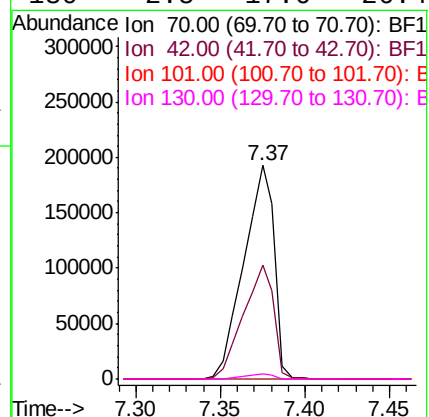
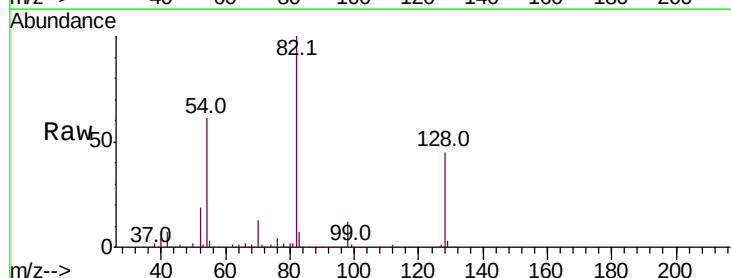
Ion Ratio Lower Upper

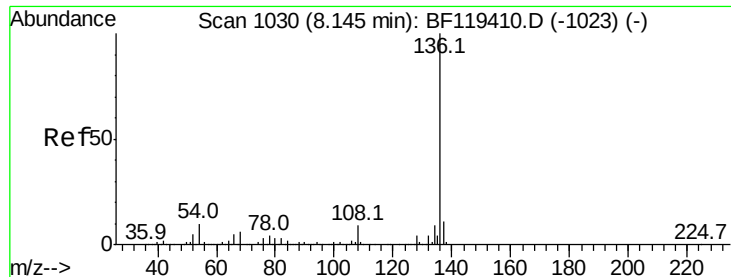
70 100

42 53.6 54.5 81.7#

101 0.0 7.6 11.4#

130 2.5 17.6 26.4#

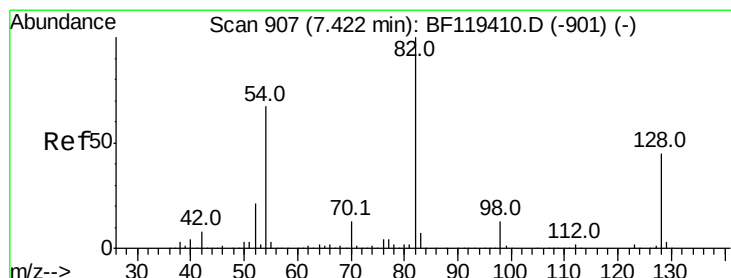
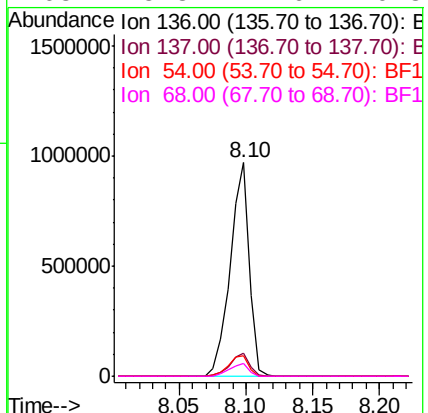
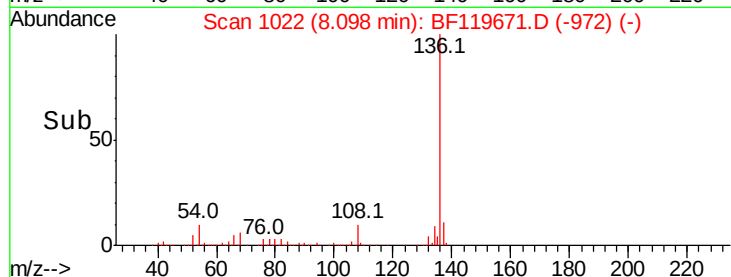
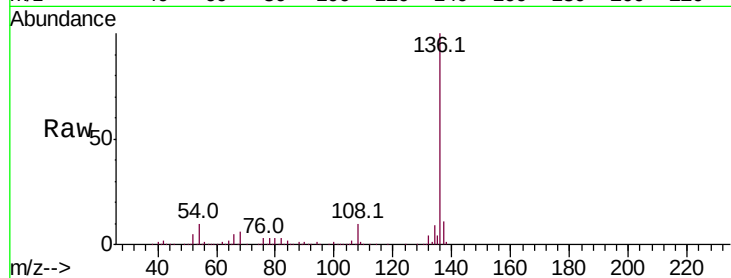




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119671.D
Acq: 1 Apr 2020 13:40

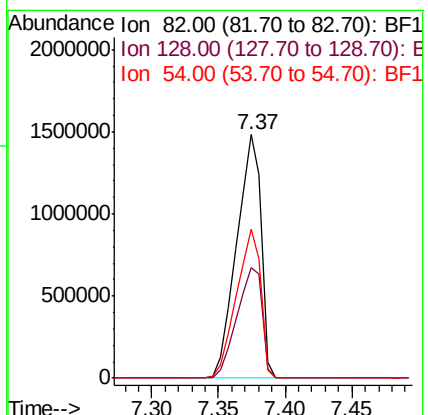
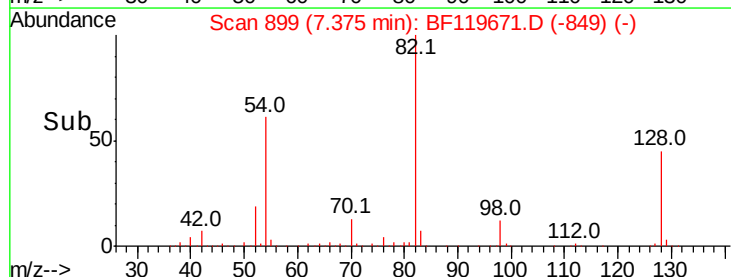
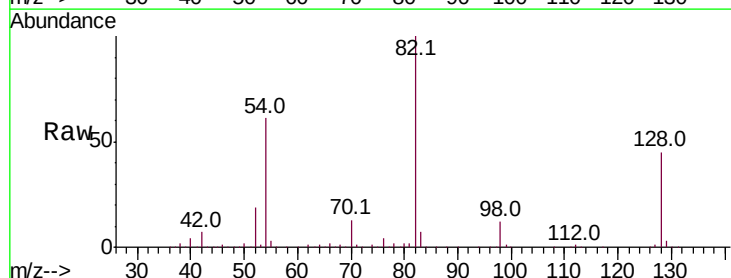
Instrument :
BNA_F
ClientSampleId :
PL-03-033020

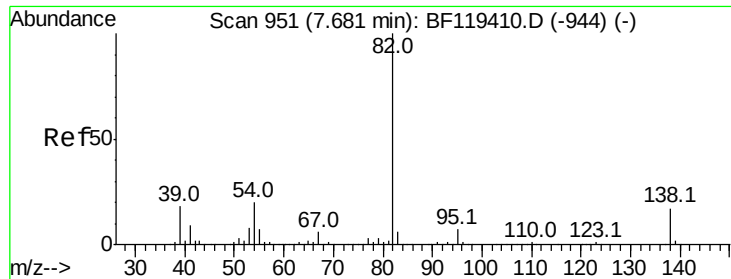
Tot Ion:136	Resp:	975481	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.7	13.1	
54 9.7	9.1	13.7	
68 5.8	4.6	6.8	



#23
Nitrobenzene-d5
Concen: 104.679 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119671.D
Acq: 1 Apr 2020 13:40

Tgt Ion: 82	Resp: 1878871
Ion Ratio	Lower Upper
82 100	
128 45.3	36.3 54.5
54 61.4	50.6 75.8





#25

Isophorone

Concen: 51.430 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PL-03-033020

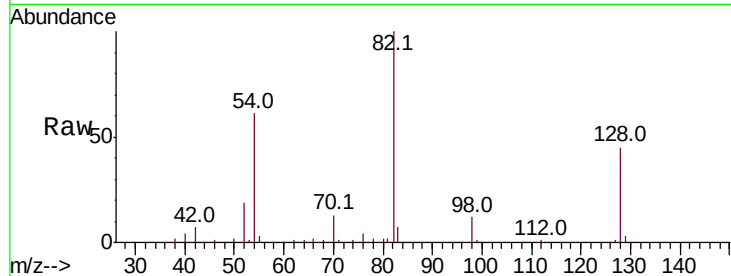
Tot Ion: 82 Resp: 1872538

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

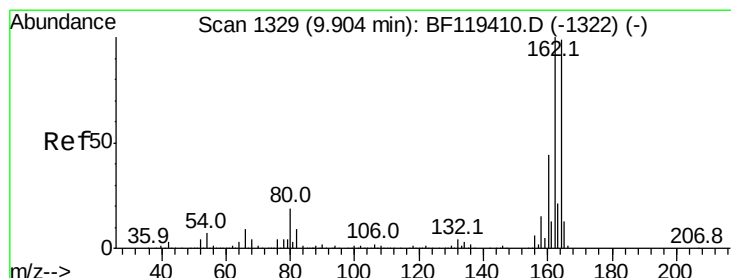
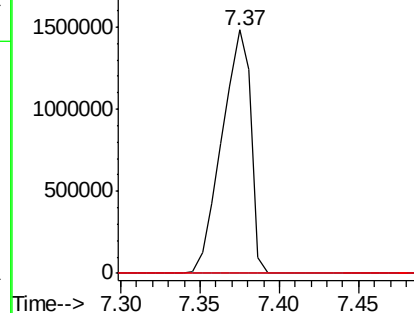
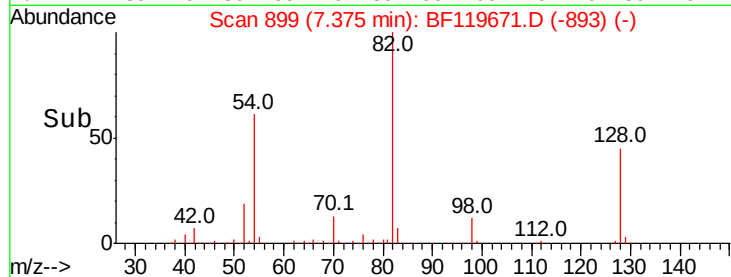
138 0.0 14.6 21.8#



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: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

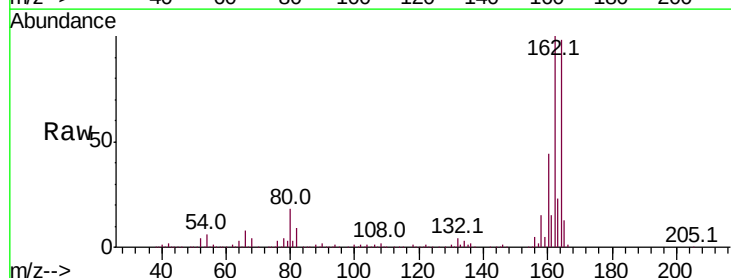
Tgt Ion:164 Resp: 516250

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

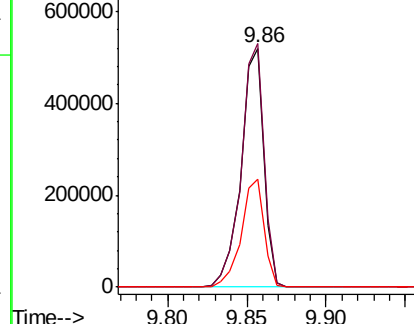
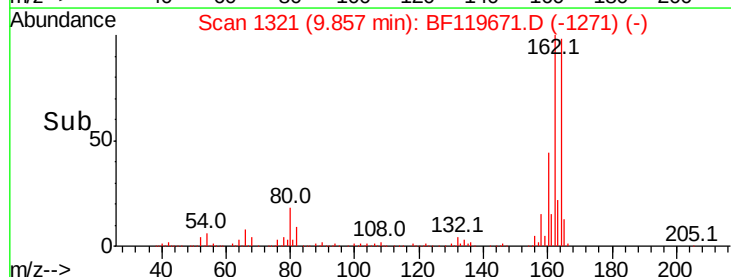
160 45.3 35.7 53.5

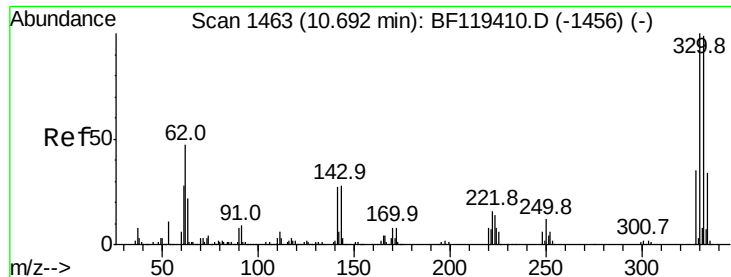


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 166.827 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PL-03-033020

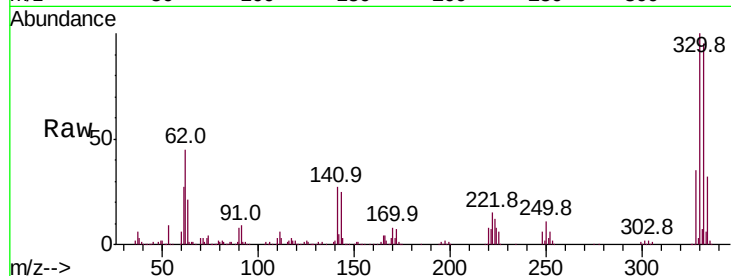
Tot Ion:330 Resp: 888514

Ion Ratio Lower Upper

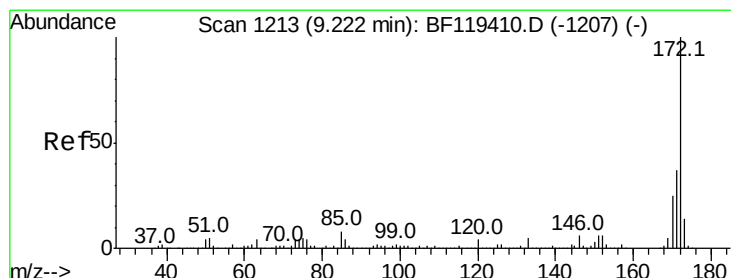
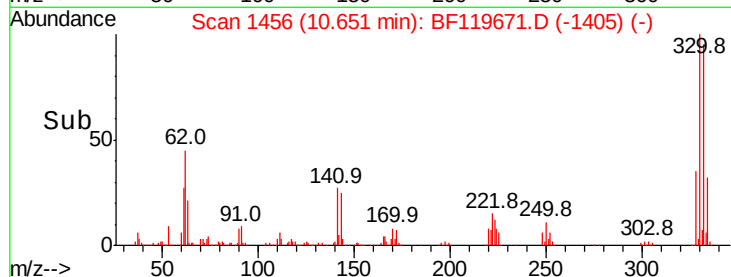
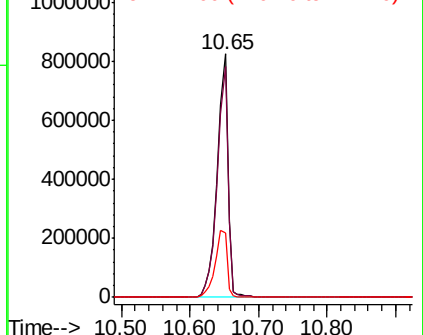
330 100

332 95.1 75.7 113.5

141 30.4 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: 96.275 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

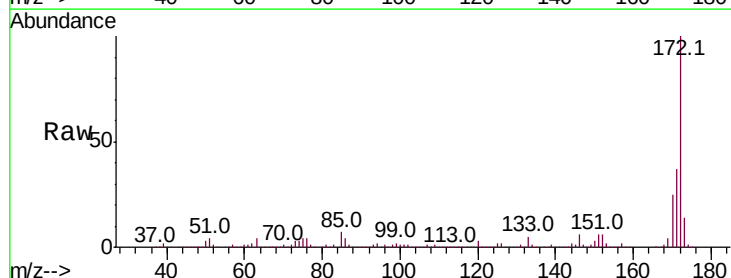
Tgt Ion:172 Resp: 3354890

Ion Ratio Lower Upper

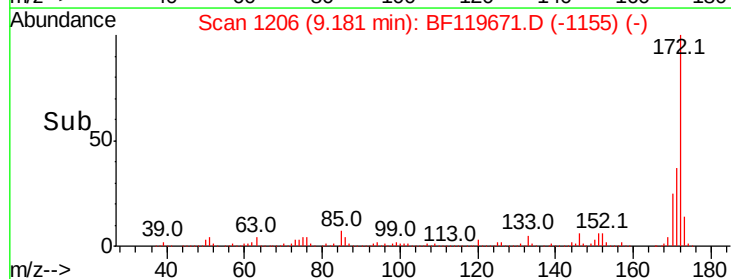
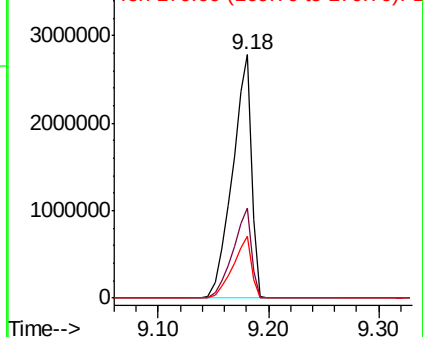
172 100

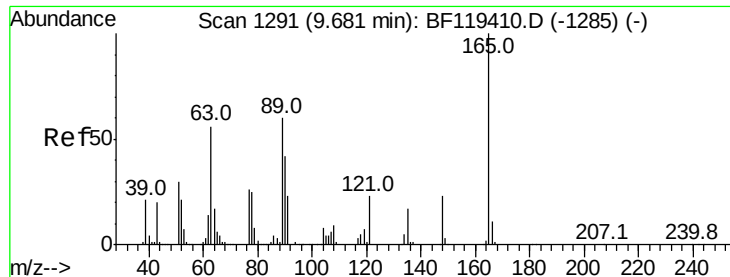
171 36.9 29.6 44.4

170 25.2 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





#51

2,6-Dinitrotoluene

Concen: 8.411 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.21 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PL-03-033020

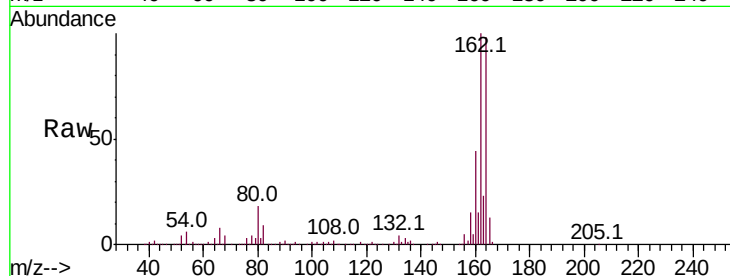
Tot Ion:165 Resp: 66110

Ion Ratio Lower Upper

165 100

63 1.5 45.0 67.4#

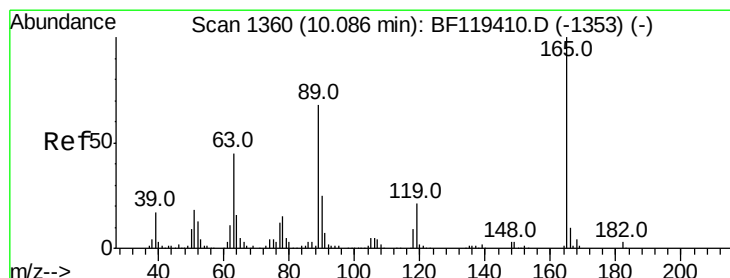
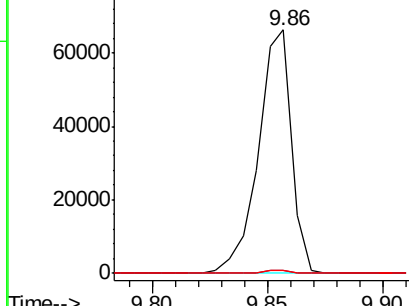
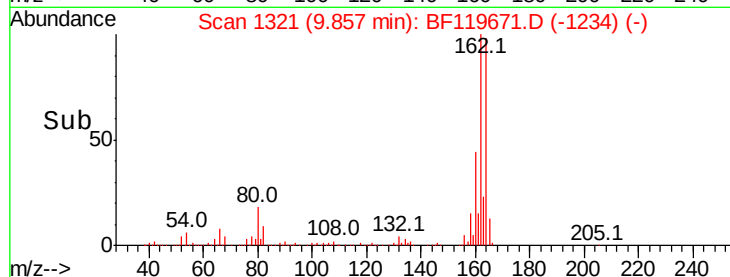
89 1.3 41.5 62.3#



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: 6.677 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.19 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

Tgt Ion:165 Resp: 66110

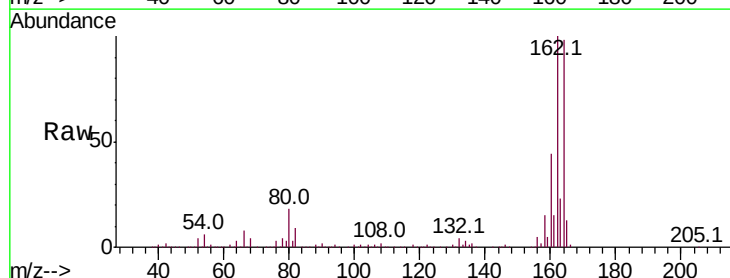
Ion Ratio Lower Upper

165 100

63 1.5 42.6 64.0#

89 1.3 61.0 91.4#

182 0.0 2.2 3.2#

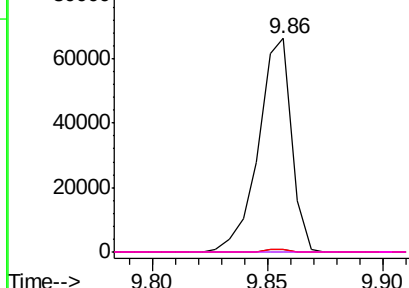
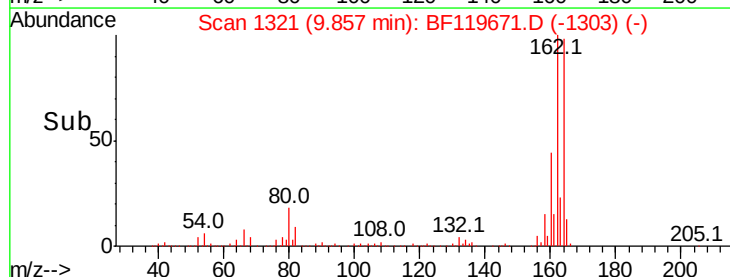


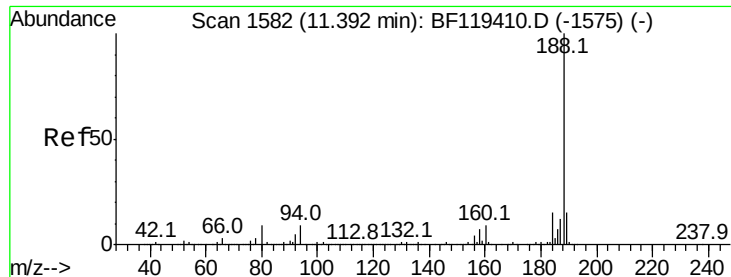
Abundance Ion 165.00 (164.70 to 165.70): E

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

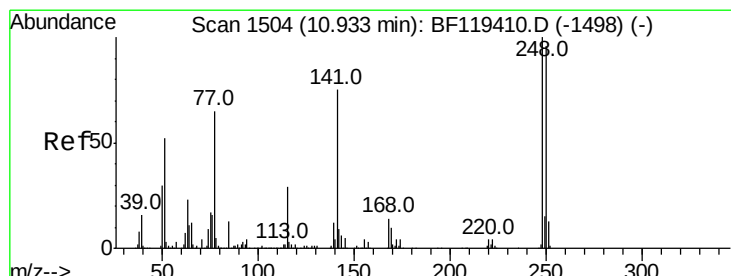
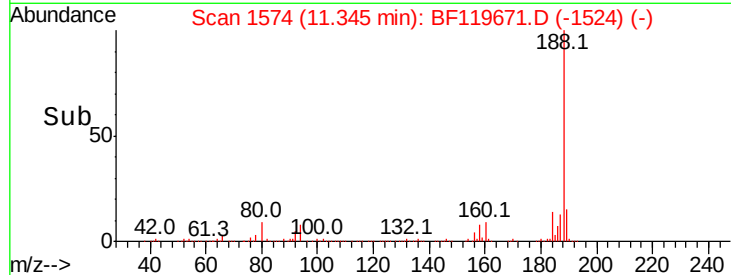
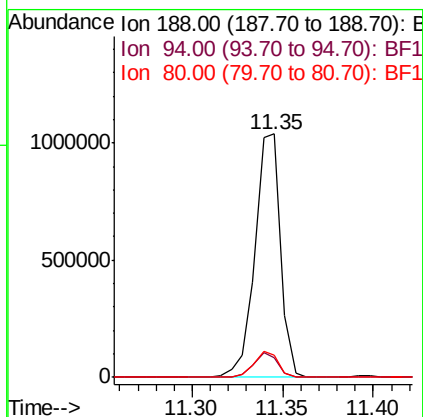
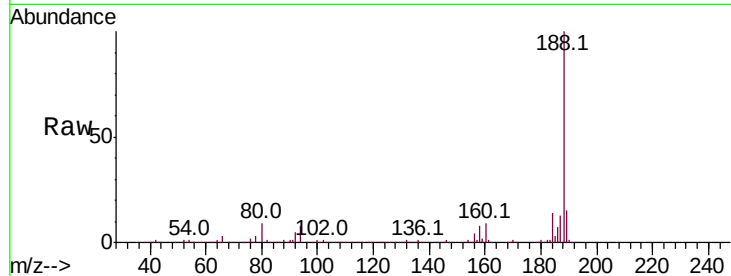




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF119671.D
 Acq: 1 Apr 2020 13:40

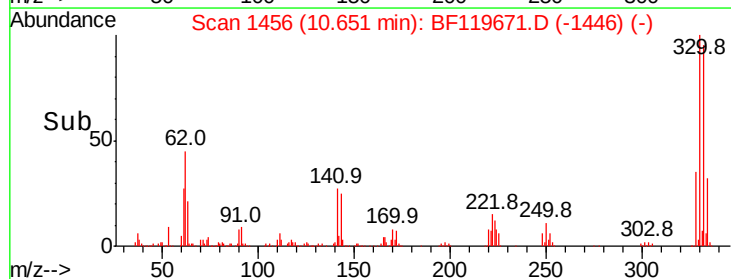
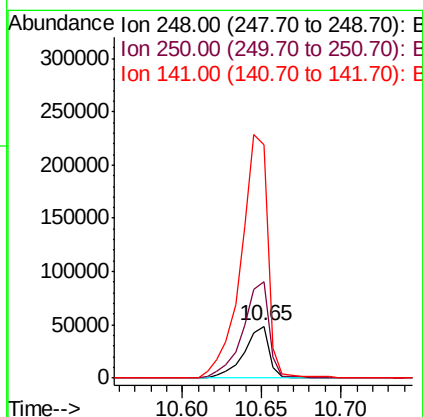
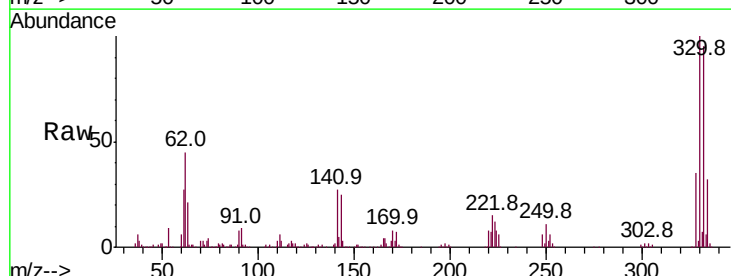
Instrument :
 BNA_F
 ClientSampleId :
 PL-03-033020

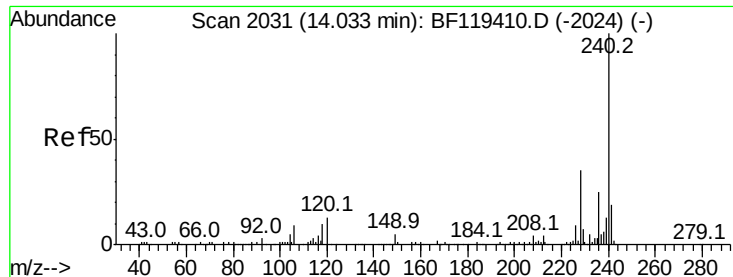
Tot Ion:188 Resp: 1023248
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.5 11.3
 80 9.3 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.578 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.24 min
 Lab File: BF119671.D
 Acq: 1 Apr 2020 13:40

Tgt Ion:248 Resp: 53345
 Ion Ratio Lower Upper
 248 100
 250 184.4 77.3 115.9#
 141 449.0 58.6 87.8#

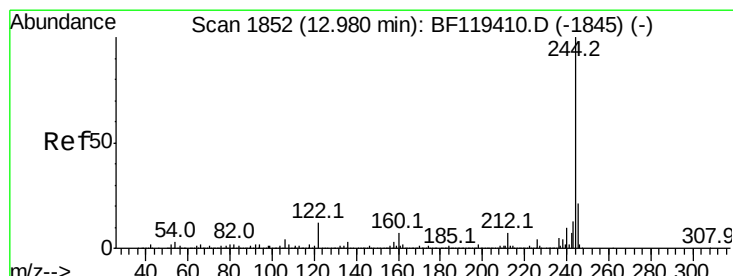
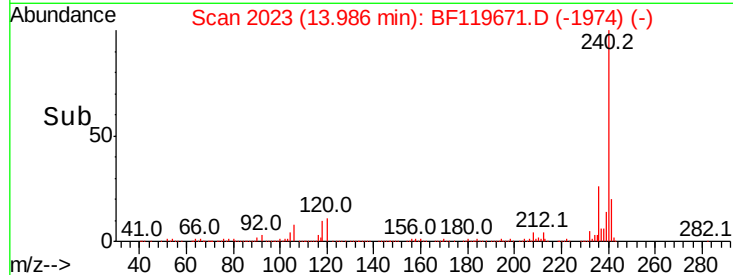
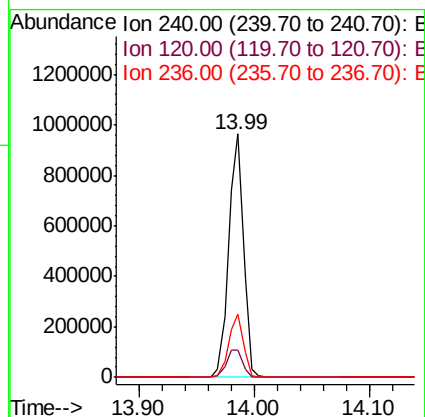
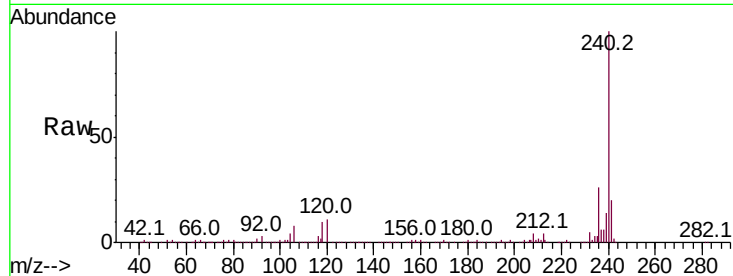




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF119671.D
 Acq: 1 Apr 2020 13:40

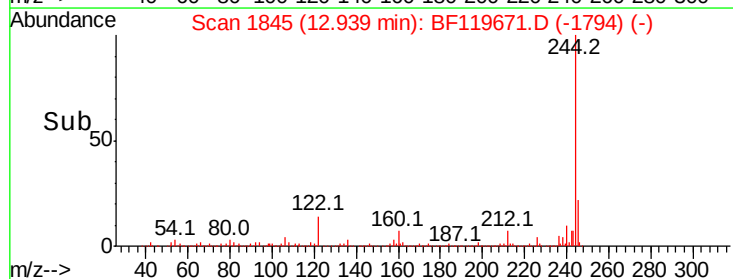
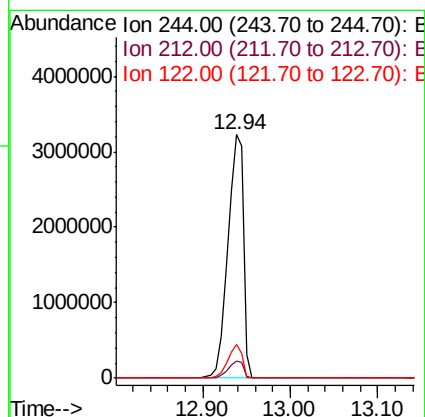
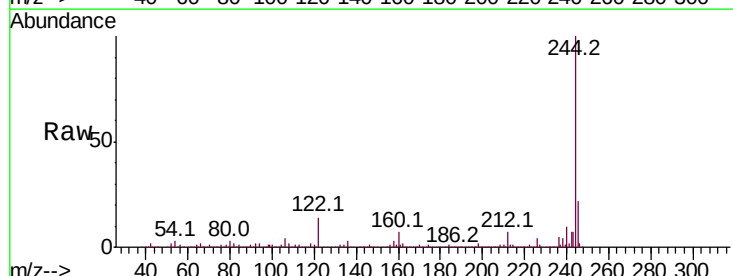
Instrument :
 BNA_F
 ClientSampleId :
 PL-03-033020

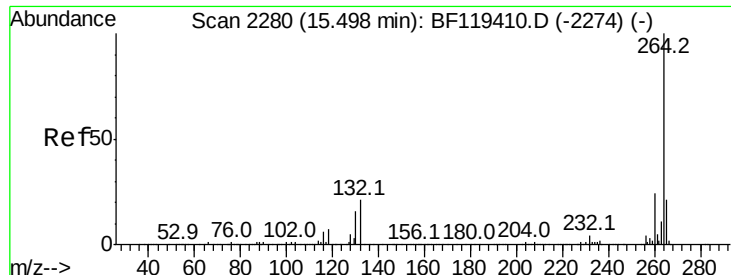
Tot Ion:240 Resp: 855302
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.6 15.8
 236 25.8 20.2 30.2



#79
 Terphenyl-d14
 Concen: 91.898 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF119671.D
 Acq: 1 Apr 2020 13:40

Tgt Ion:244 Resp: 4011848
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.6 10.3 15.5

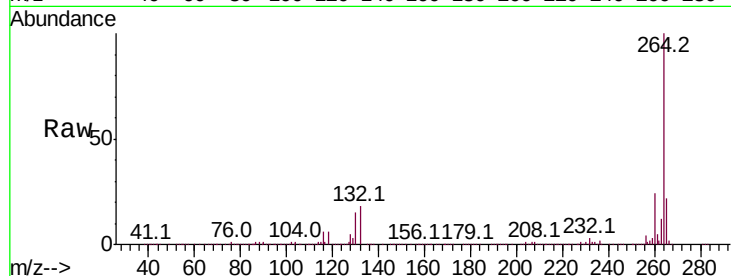




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF119671.D
Acq: 1 Apr 2020 13:40

Instrument :
BNA_F
ClientSampleId :
PL-03-033020

Tot Ion:	264	Resp:	891066
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.8	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
1000000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

