

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119672.D
 Acq On : 1 Apr 2020 14:06
 Operator : MA/SJ
 Sample : L1759-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

Quant Time: Apr 01 14:36:19 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

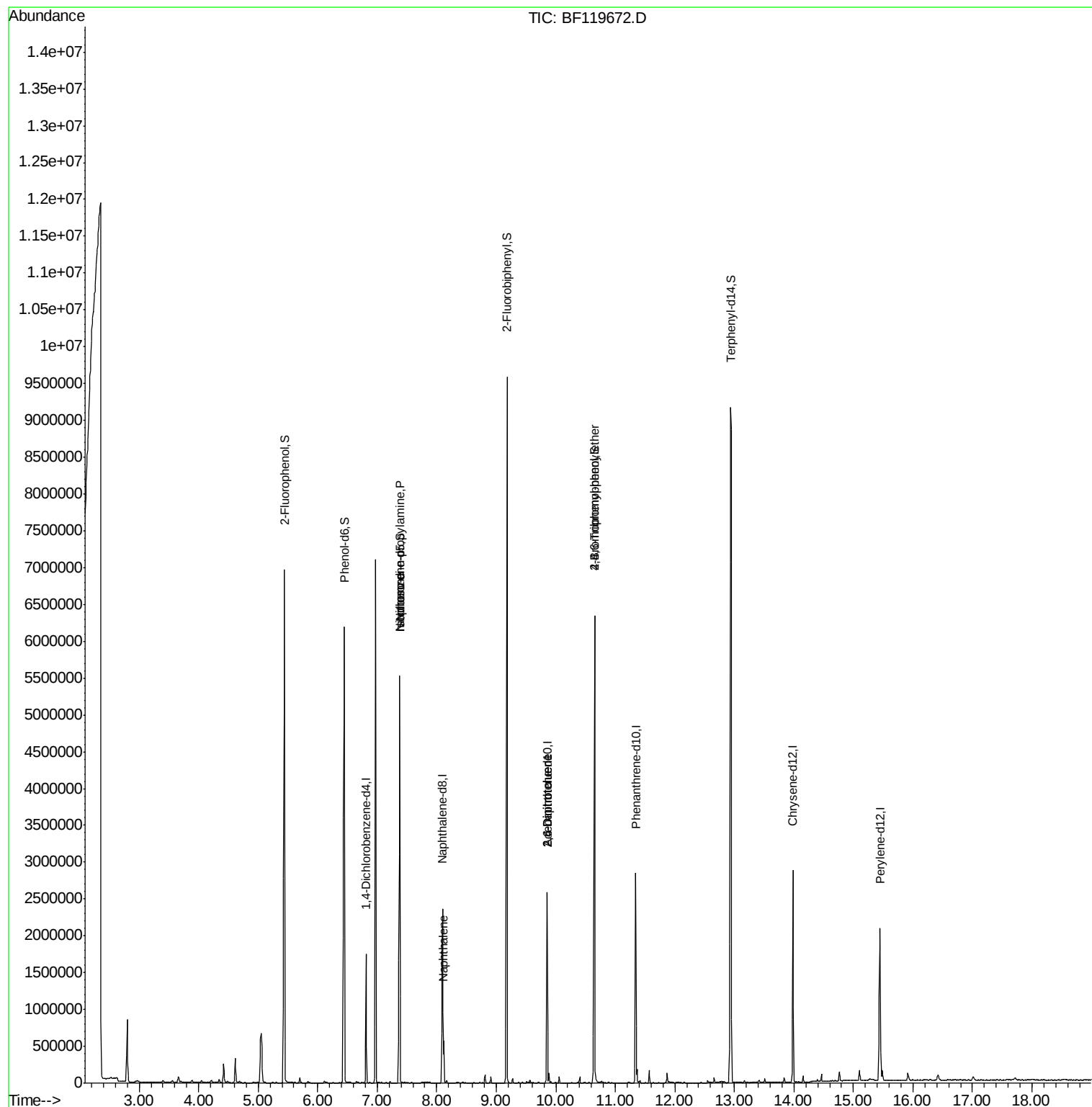
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	272301	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1050564	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	558123	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1126058	20.00	ng	0.00
76) Chrysene-d12	13.99	240	955772	20.00	ng	-0.01
87) Perylene-d12	15.44	264	979486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2191607	128.12	ng	0.02
7) Phenol-d6	6.45	99	2533536	115.95	ng	0.00
23) Nitrobenzene-d5	7.38	82	1922136	99.44	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	964702	167.54	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3389158	89.96	ng	0.00
79) Terphenyl-d14	12.95	244	4334286	88.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	256771	19.496	ng	# 73
25) Isophorone	7.38	82	1918976	48.938	ng	# 65
31) Naphthalene	8.12	128	319179	5.904	ng	# 97
51) 2,6-Dinitrotoluene	9.86	165	71609	8.427	ng	# 26
57) 2,4-Dinitrotoluene	9.86	165	71609	6.690	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	56018	4.368	ng	# 1

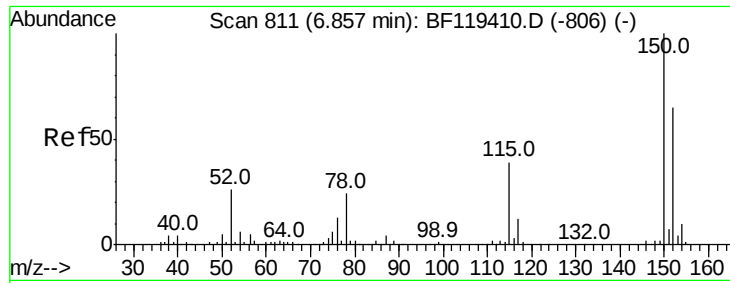
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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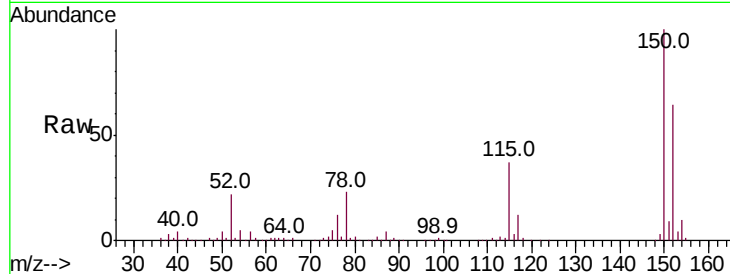


#1

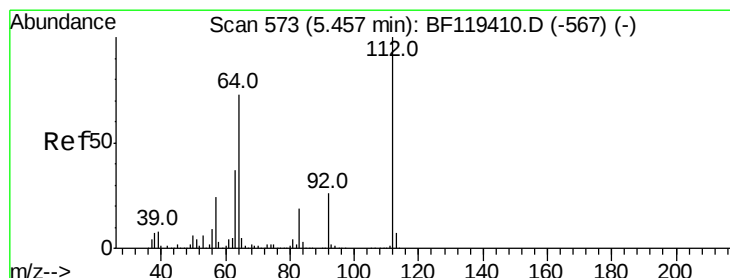
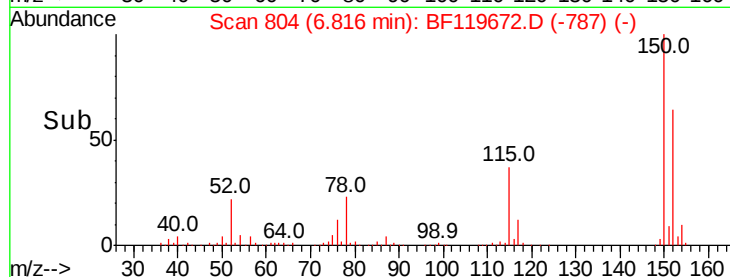
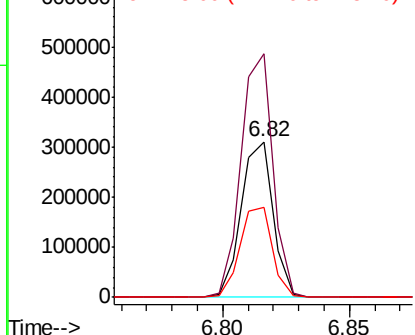
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

Tot Ion:152 Resp: 272301
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.5 186.7
 115 57.5 49.6 74.4



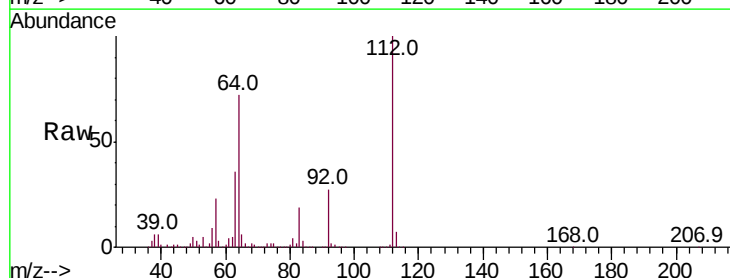
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



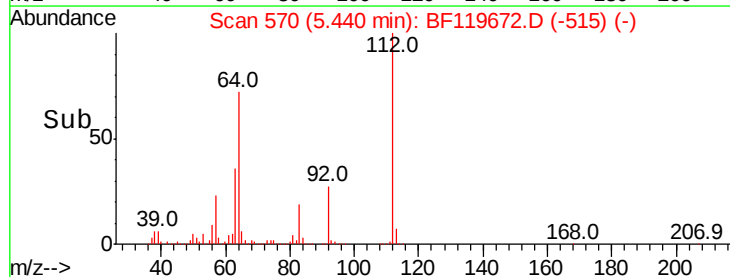
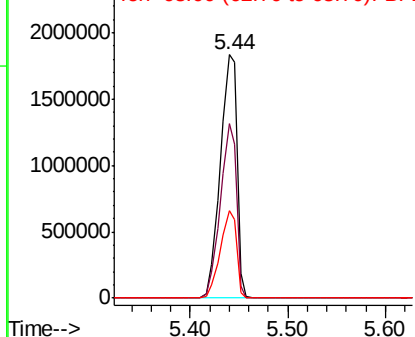
#5

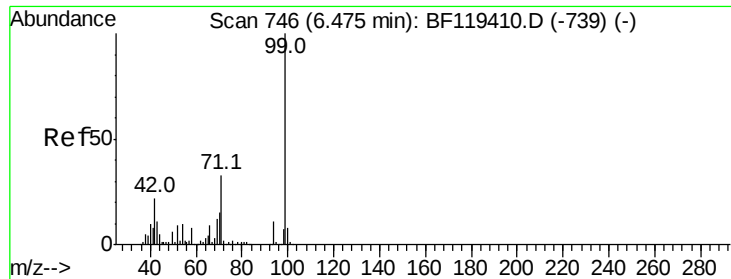
2-Fluorophenol
 Concen: 128.124 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Tgt Ion:112 Resp: 2191607
 Ion Ratio Lower Upper
 112 100
 64 71.5 56.7 85.1
 63 36.1 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: 115.947 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119672.D

Acq: 1 Apr 2020 14:06

Instrument :

BNA_F

ClientSampled :

OR-03-033020

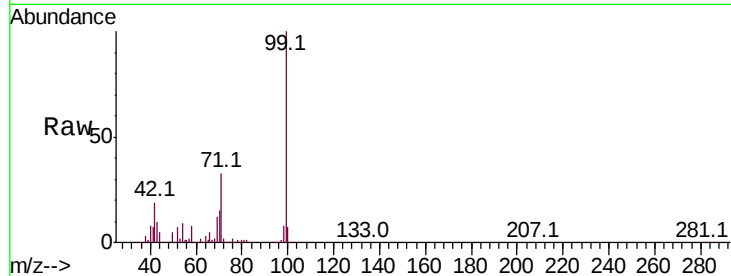
Tot Ion: 99 Resp: 2533536

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

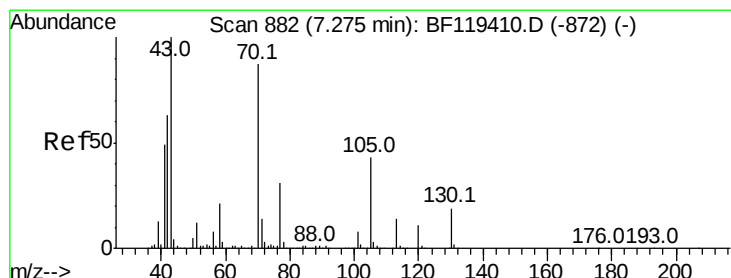
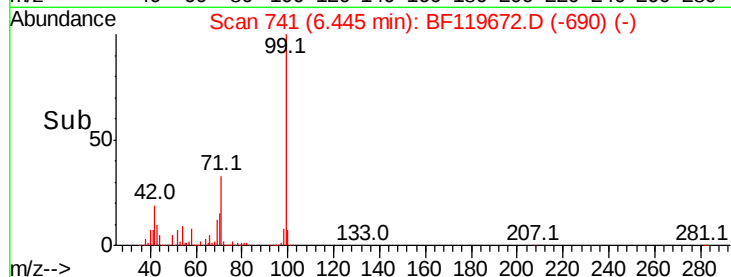
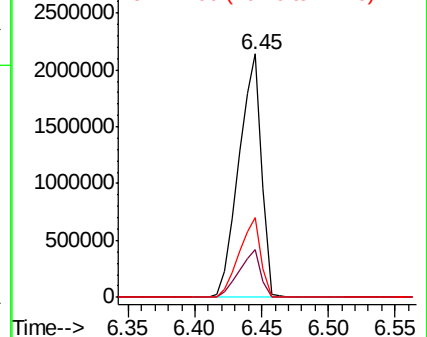
71 32.9 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.496 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF119672.D

Acq: 1 Apr 2020 14:06

Tgt Ion: 70 Resp: 256771

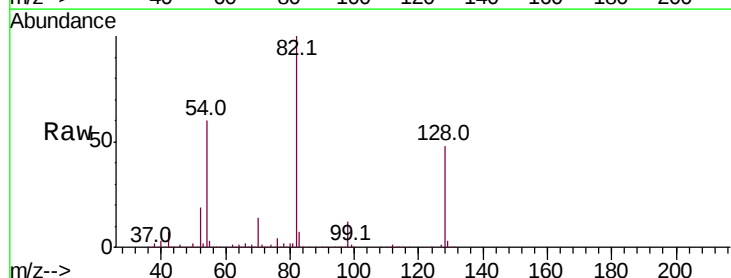
Ion Ratio Lower Upper

70 100

42 49.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

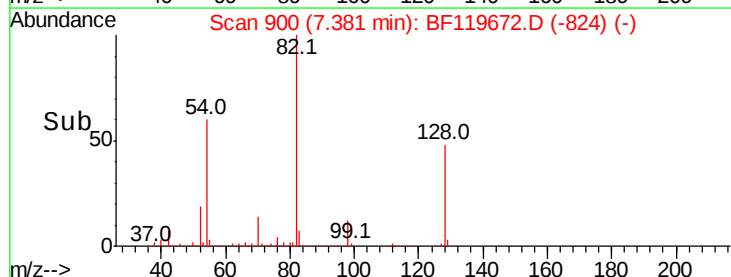
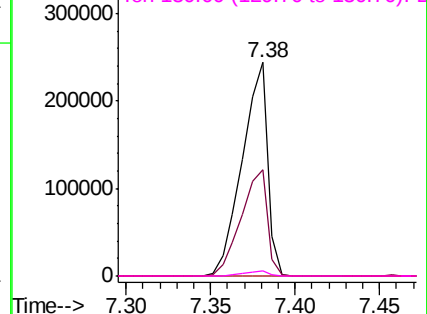


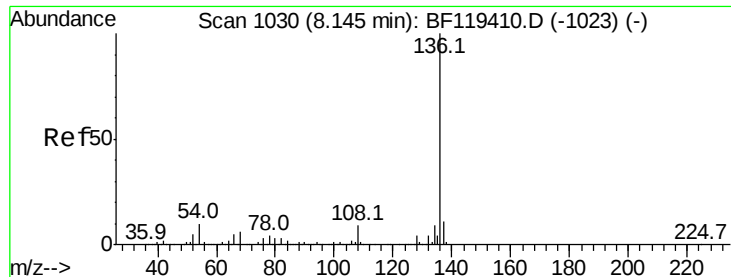
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

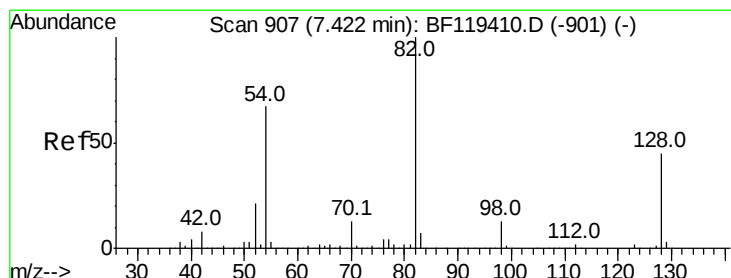
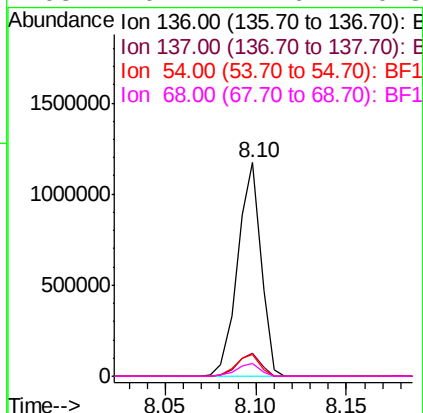
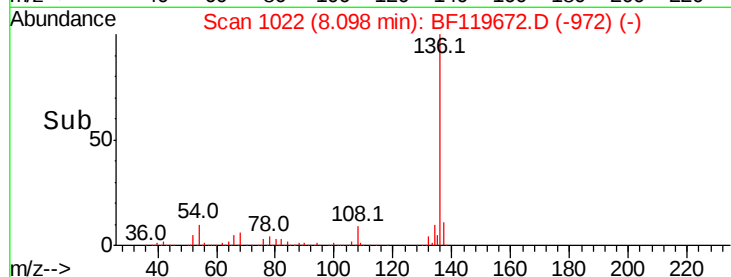
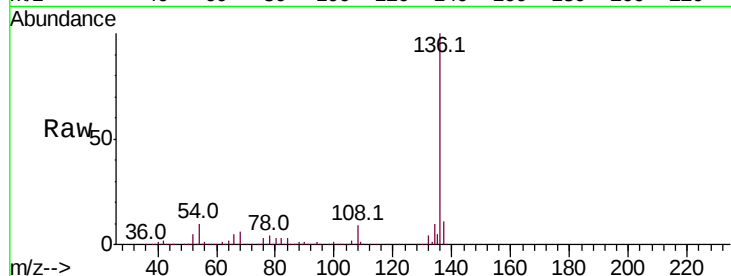




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119672.D
Acq: 1 Apr 2020 14:06

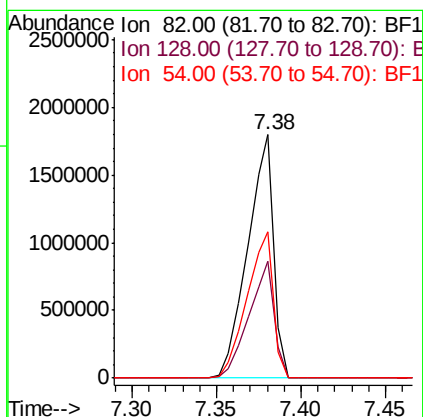
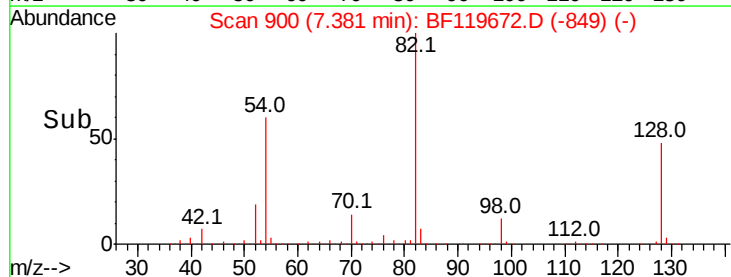
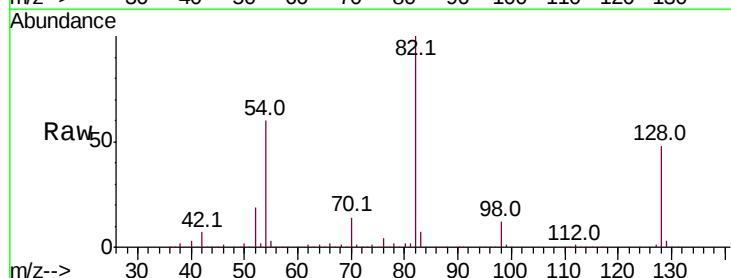
Instrument :
BNA_F
ClientSampleId :
OR-03-033020

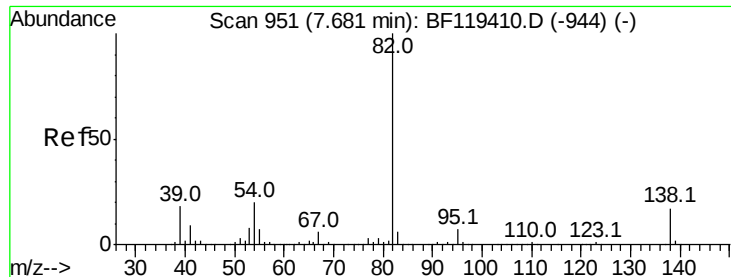
Tot Ion:136	Resp: 1050564
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 10.0	9.1 13.7
68 6.2	4.6 6.8



#23
Nitrobenzene-d5
Concen: 99.436 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF119672.D
Acq: 1 Apr 2020 14:06

Tgt Ion	82	Resp: 1922136	
Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.3	54.5
54	60.0	50.6	75.8





#25

Isophorone

Concen: 48.938 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF119672.D

Acq: 1 Apr 2020 14:06

Instrument :

BNA_F

ClientSampleId :

OR-03-033020

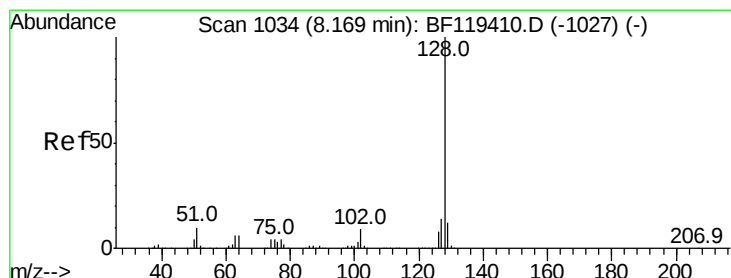
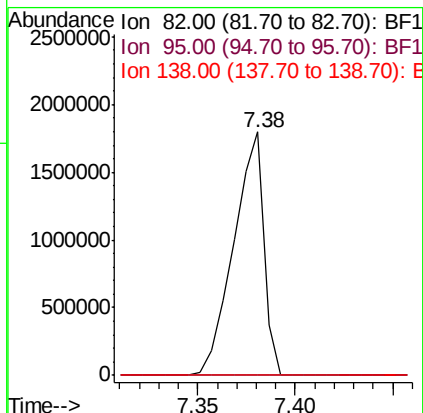
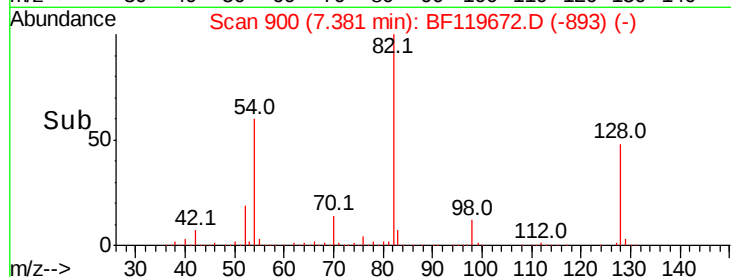
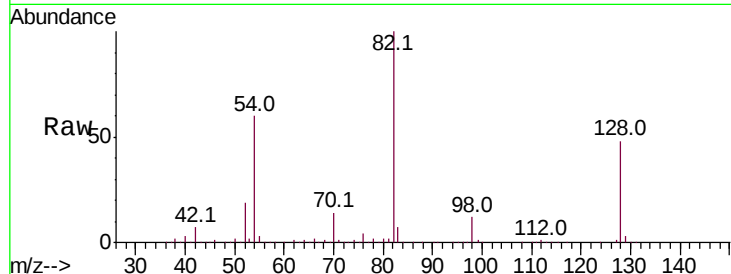
Tot Ion: 82 Resp: 1918976

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#31

Naphthalene

Concen: 5.904 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119672.D

Acq: 1 Apr 2020 14:06

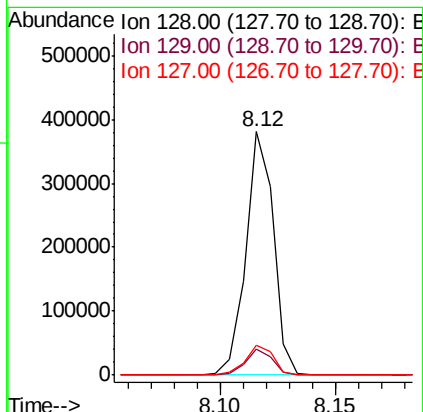
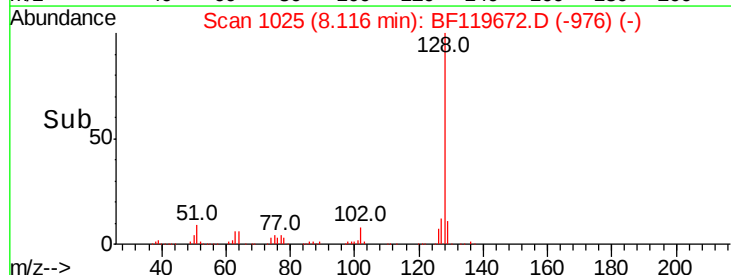
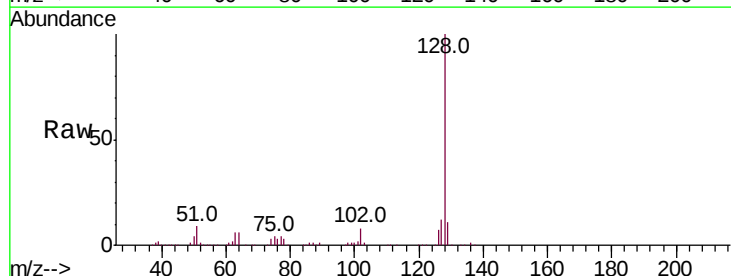
Tgt Ion:128 Resp: 319179

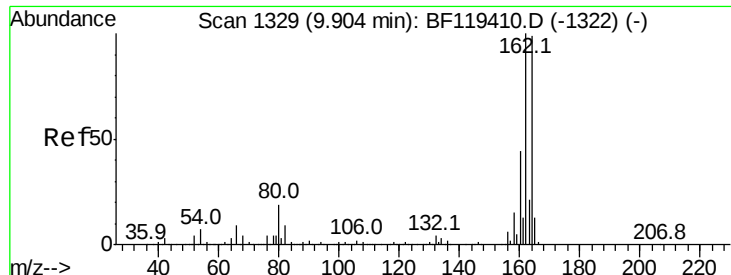
Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

127 12.5 11.3 16.9

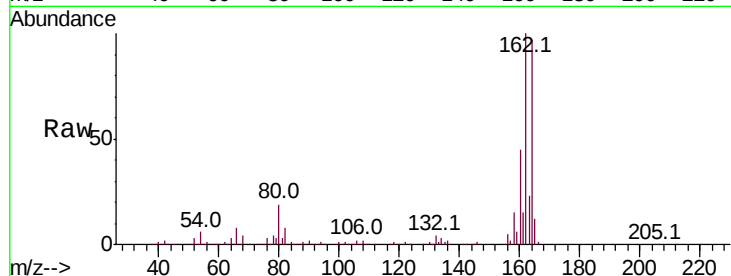




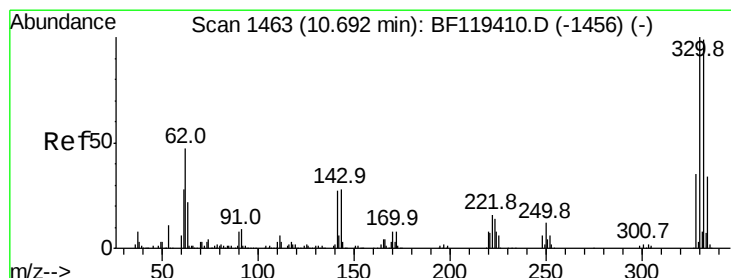
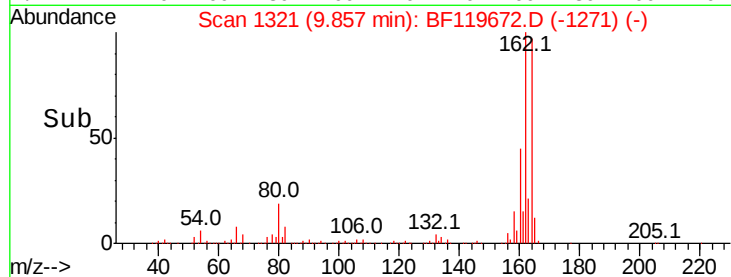
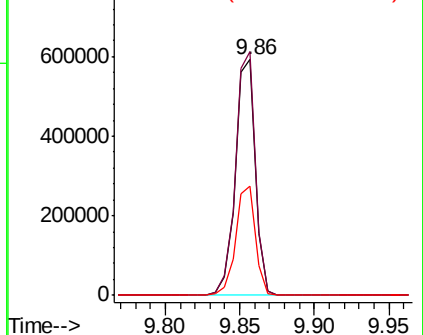
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

Tot Ion:164 Resp: 558123
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.6 121.0
 160 46.3 35.7 53.5

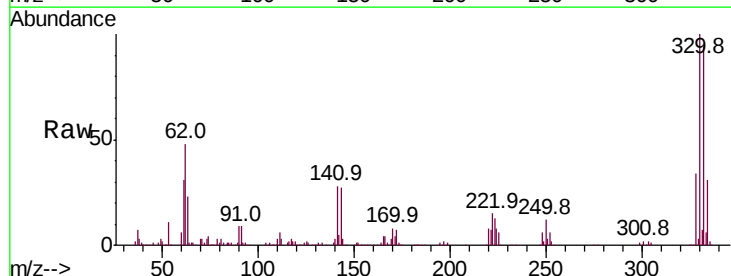


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

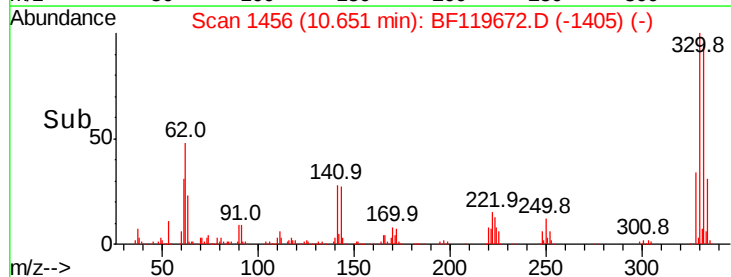
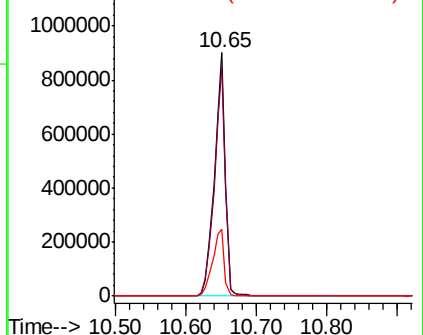


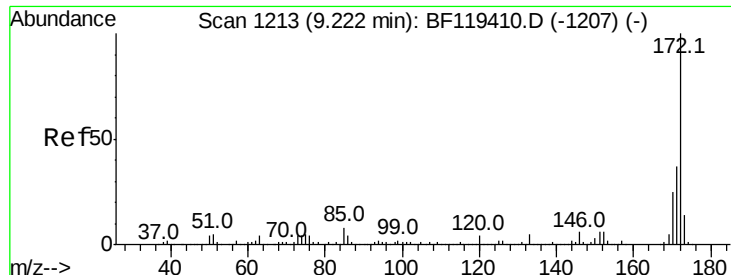
#42
 2,4,6-Tribromophenol
 Concen: 167.542 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Tgt Ion:330 Resp: 964702
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.7 113.5
 141 29.7 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



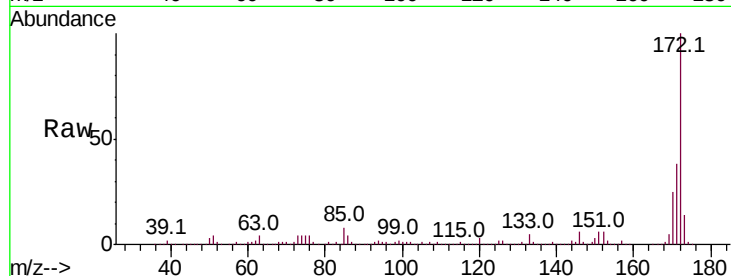


#45
 2-Fluorobiphenyl
 Concen: 89.961 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

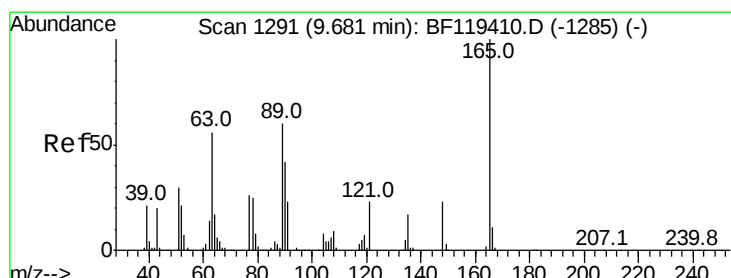
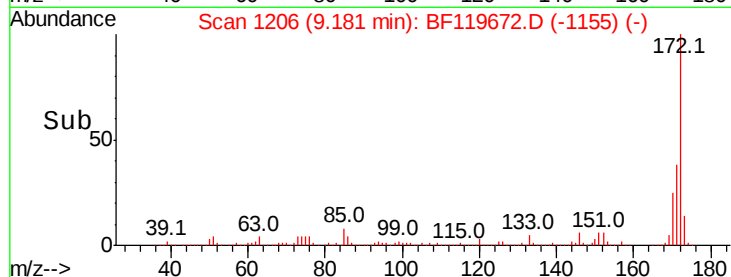
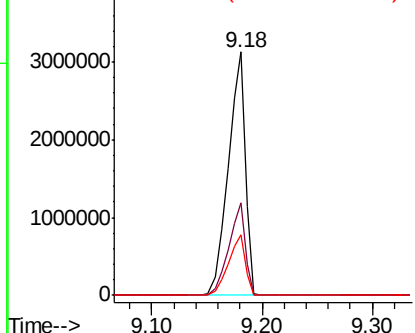
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

Tot Ion:172 Resp: 3389158

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.6	44.4
170	25.1	20.2	30.2



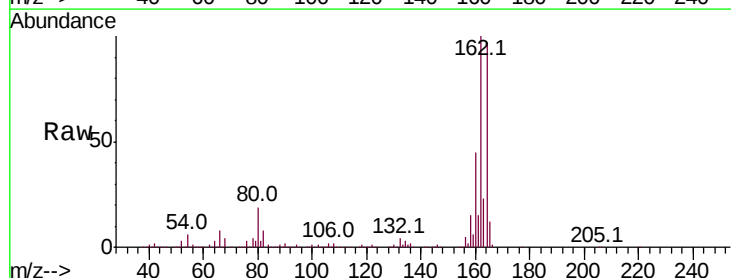
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



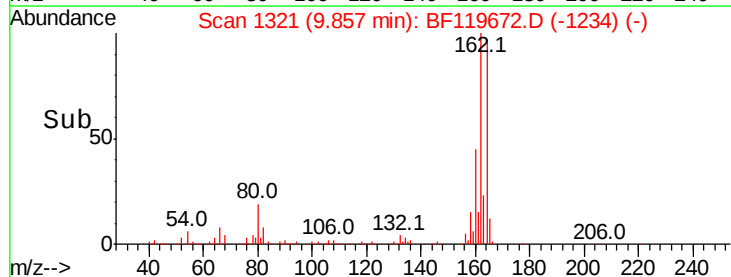
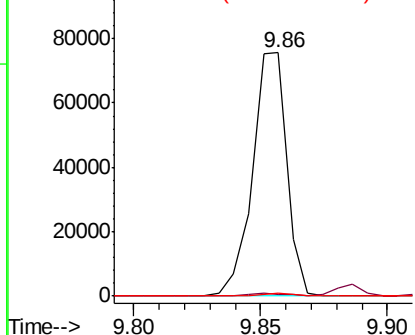
#51
 2,6-Dinitrotoluene
 Concen: 8.427 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.21 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

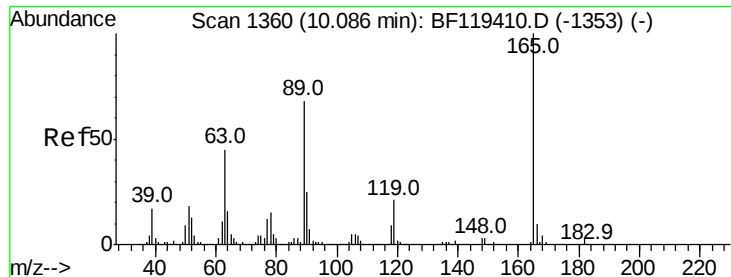
Tgt Ion:165 Resp: 71609

Ion	Ratio	Lower	Upper
165	100		
63	0.8	45.0	67.4#
89	1.0	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

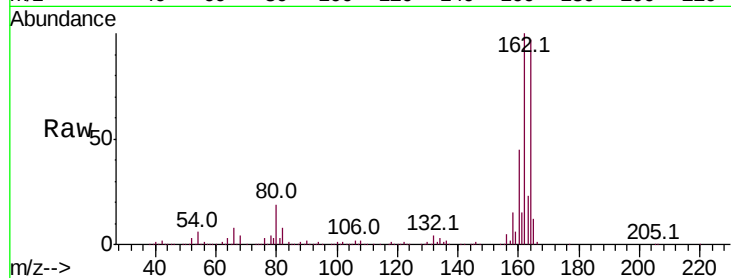




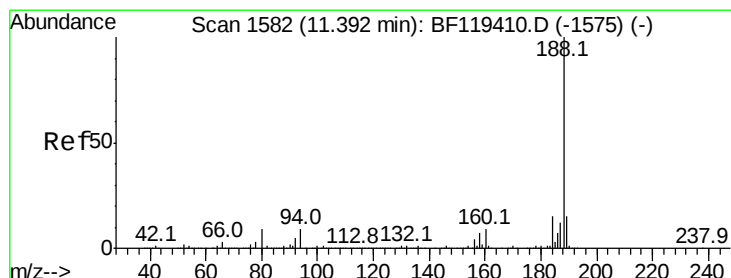
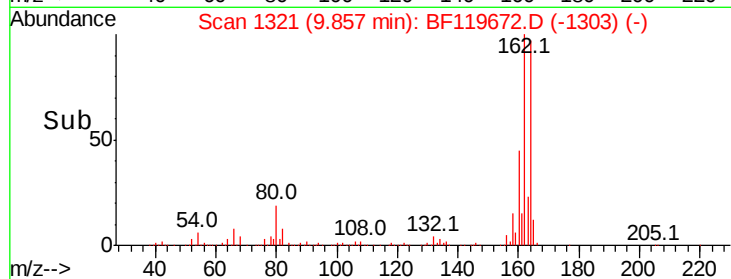
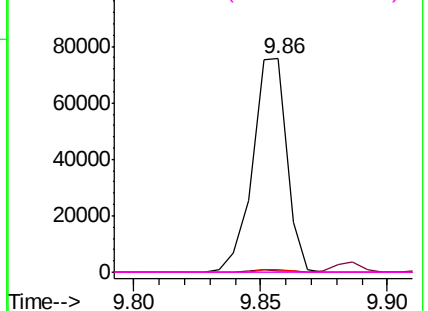
#57
 2,4-Dinitrotoluene
 Concen: 6.690 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.19 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

Tot Ion:165 Resp: 71609
 Ion Ratio Lower Upper
 165 100
 63 0.8 42.6 64.0#
 89 1.0 61.0 91.4#
 182 0.0 2.2 3.2#

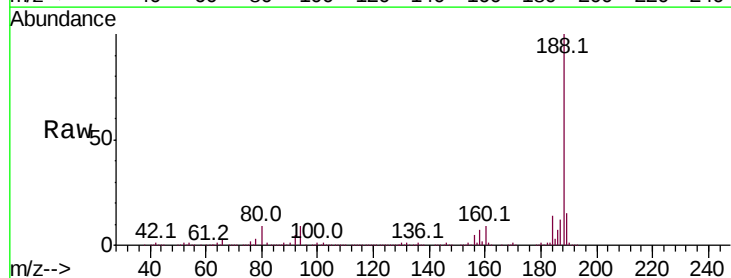


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

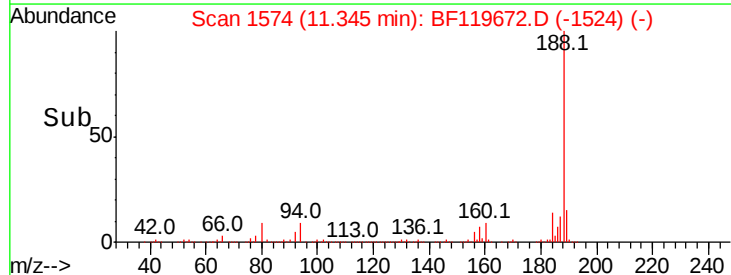
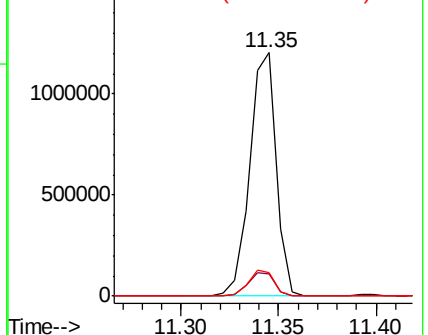


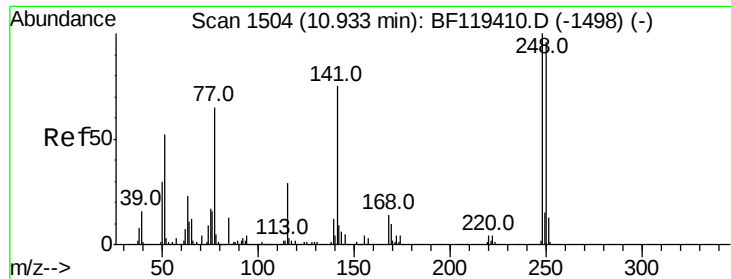
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Tgt Ion:188 Resp: 1126058
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.5 11.3
 80 9.4 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

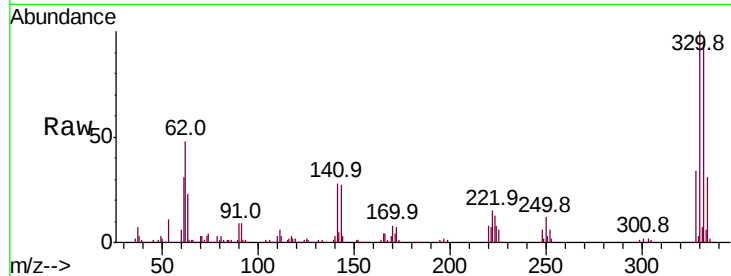




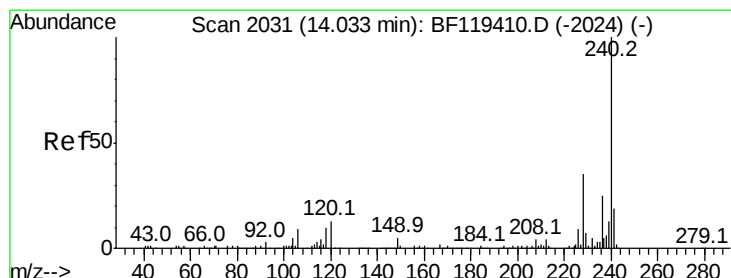
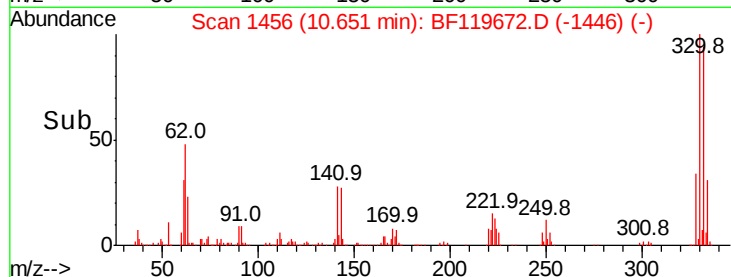
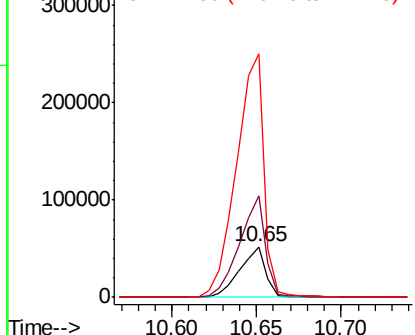
#67
4-Bromophenyl-phenylether
Concen: 4.368 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF119672.D
Acq: 1 Apr 2020 14:06

Instrument :
BNA_F
ClientSampleId :
OR-03-033020

Tot Ion:248 Resp: 56018
Ion Ratio Lower Upper
248 100
250 201.1 77.3 115.9#
141 479.5 58.6 87.8#

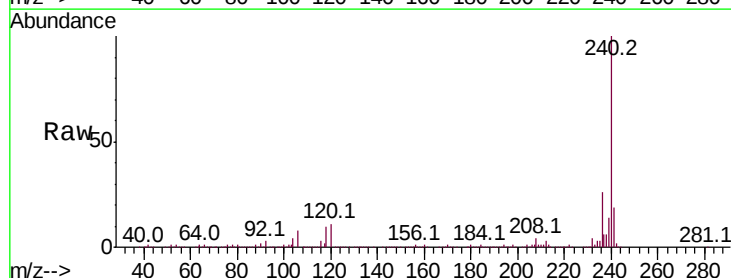


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

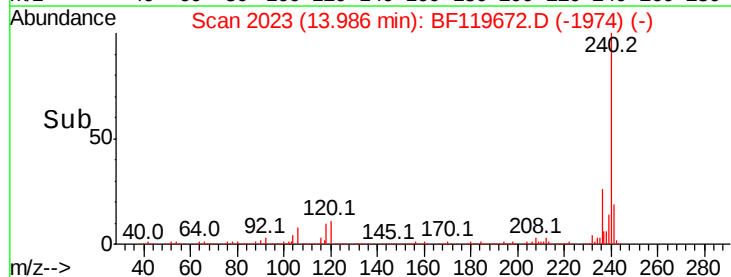
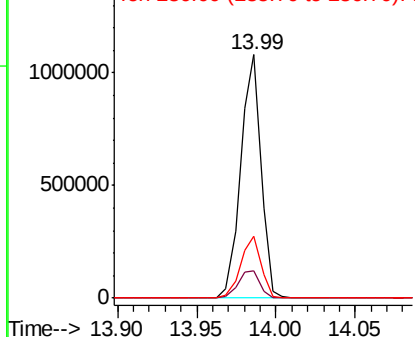


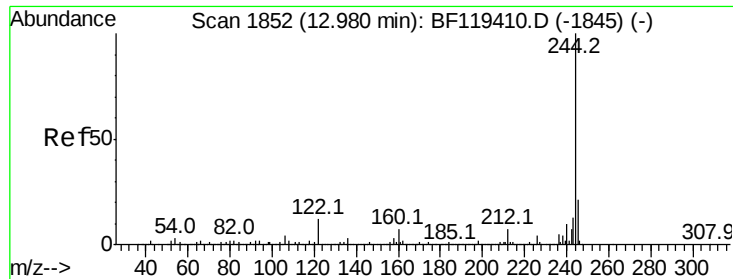
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF119672.D
Acq: 1 Apr 2020 14:06

Tgt Ion:240 Resp: 955772
Ion Ratio Lower Upper
240 100
120 11.3 10.6 15.8
236 25.5 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



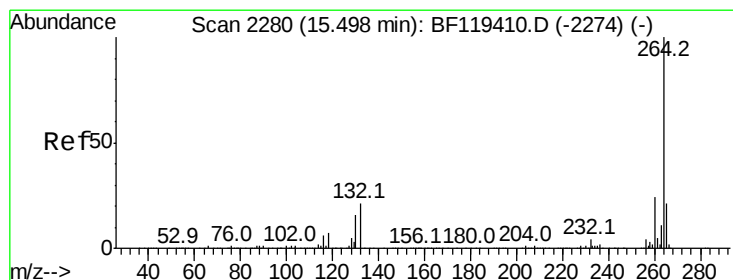
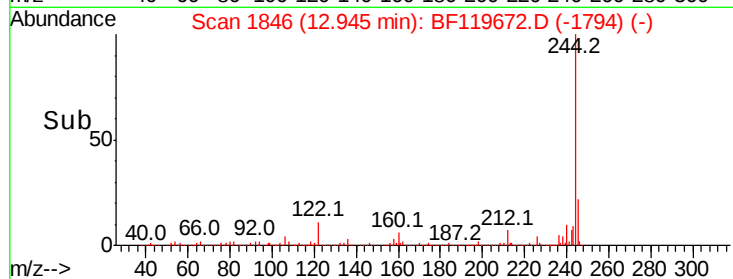
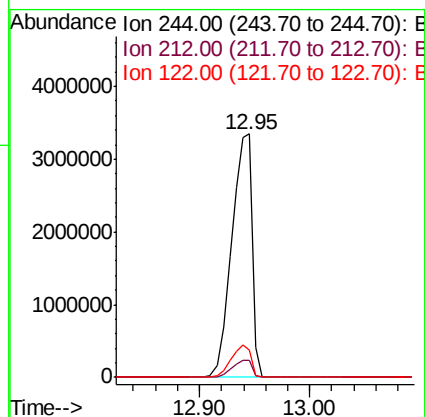
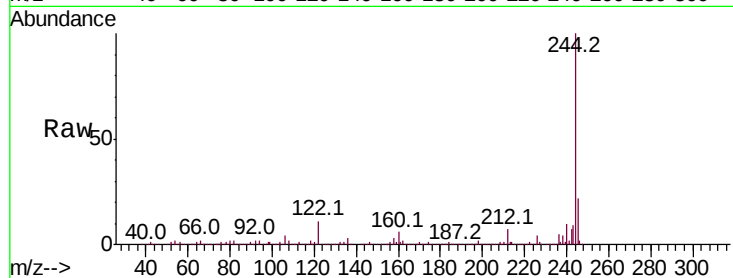


#79
 Terphenyl-d14
 Concen: 88.847 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

Tot Ion:244 Resp: 4334286

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.5	10.3	15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Tgt Ion:264 Resp: 979486

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.1	17.7	26.5

