

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119714.D
 Acq On : 3 Apr 2020 12:59
 Operator : MA/SJ
 Sample : PB127977TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127977TB

Quant Time: Apr 03 13:40:16 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

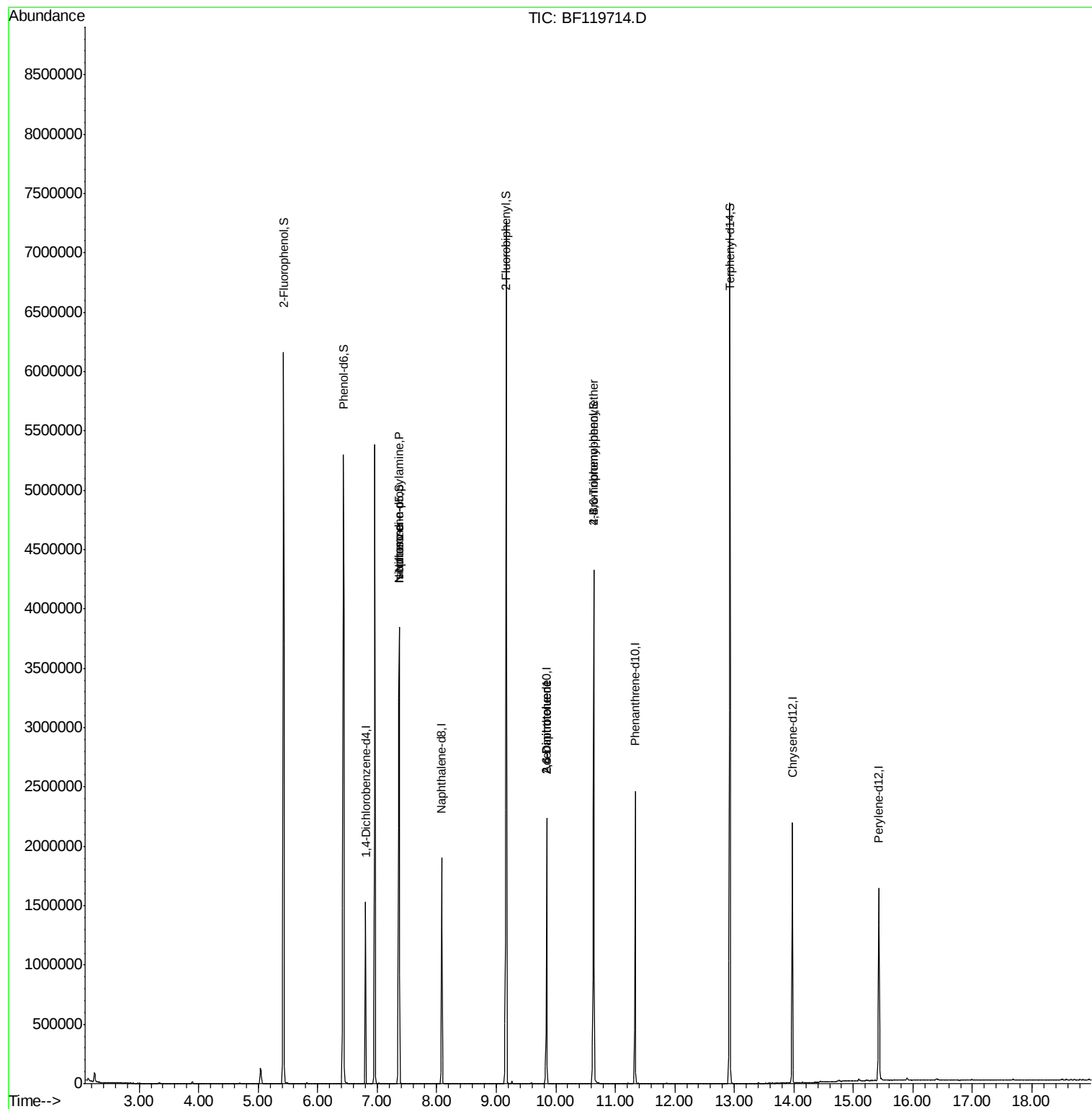
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	229774	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	871332	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	444608	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	863753	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	710395	20.00	ng	-0.02
87) Perylene-d12	15.43	264	710386	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1792227	124.17	ng	0.01
7) Phenol-d6	6.43	99	2289263	124.16	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1380069	86.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	627333	136.77	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2496086	83.17	ng	-0.01
79) Terphenyl-d14	12.93	244	2894904	79.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	178766	16.085	ng	# 74
25) Isophorone	7.37	82	1376445	42.323	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	58258	8.606	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	58258	6.832	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	36158	3.676	ng	# 1

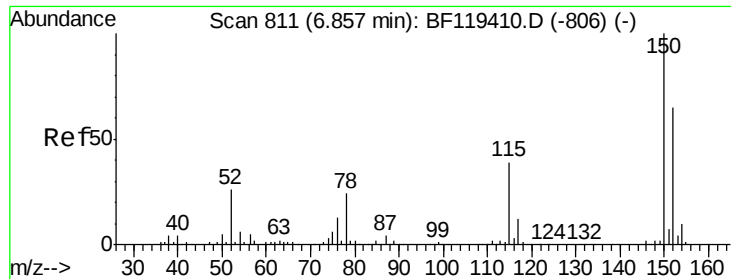
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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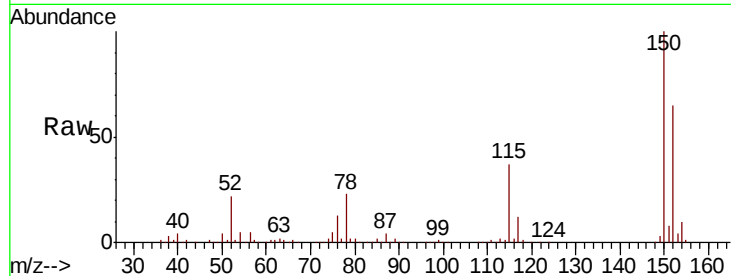


#1

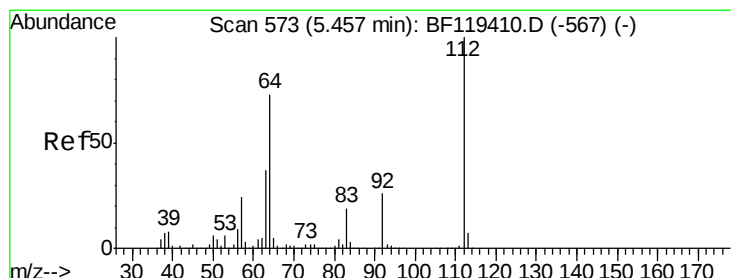
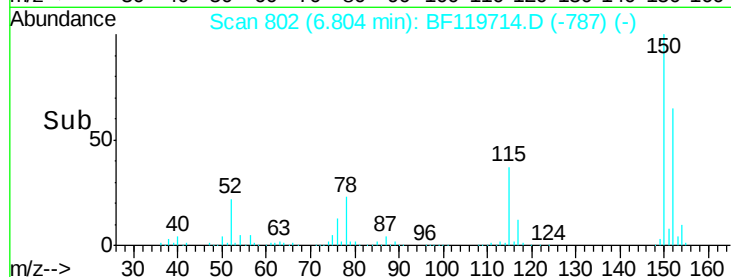
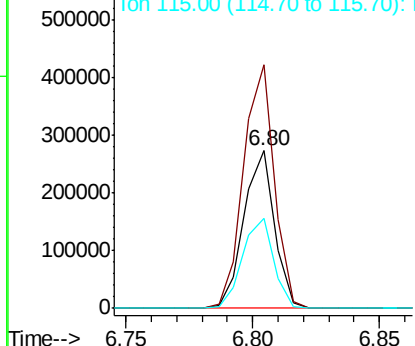
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119714.D
Acq: 3 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB127977TB

Tot Ion:152 Resp: 229774
Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 56.8 49.6 74.4



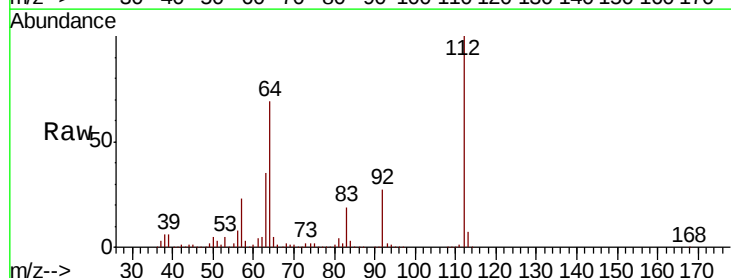
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



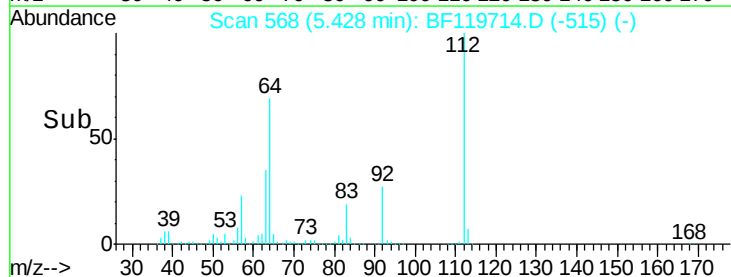
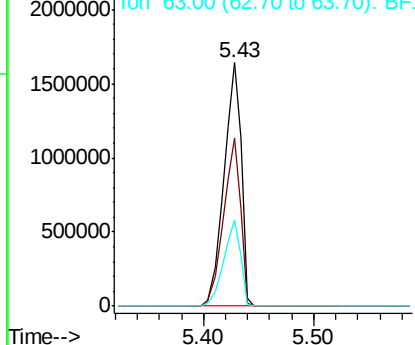
#5

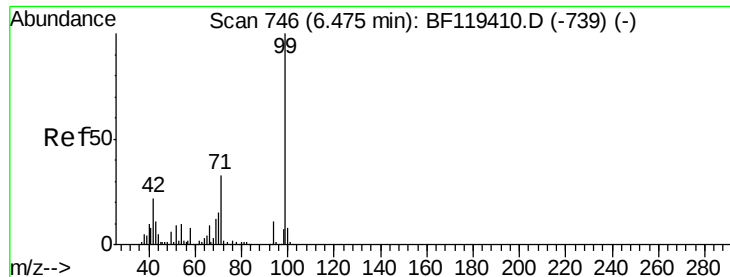
2-Fluorophenol
Concen: 124.168 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF119714.D
Acq: 3 Apr 2020 12:59

Tgt Ion:112 Resp: 1792227
Ion Ratio Lower Upper
112 100
64 69.3 56.7 85.1
63 35.5 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: 124.158 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119714.D

Acq: 3 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

PB127977TB

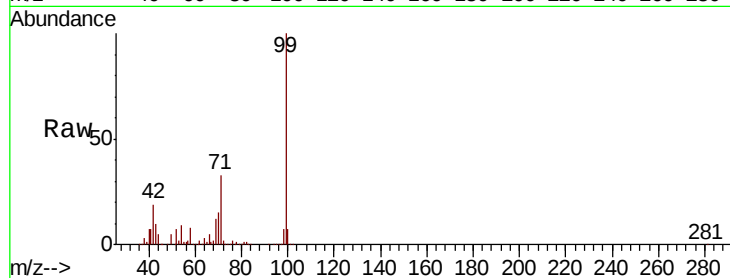
Tot Ion: 99 Resp: 2289263

Ion Ratio Lower Upper

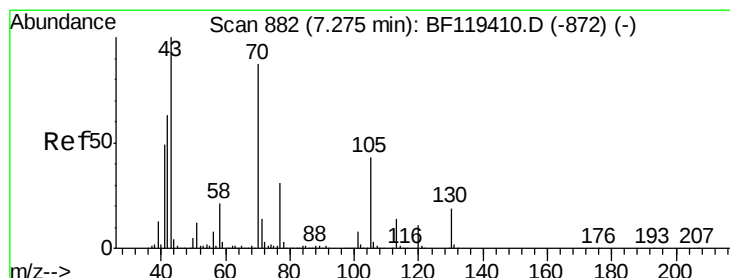
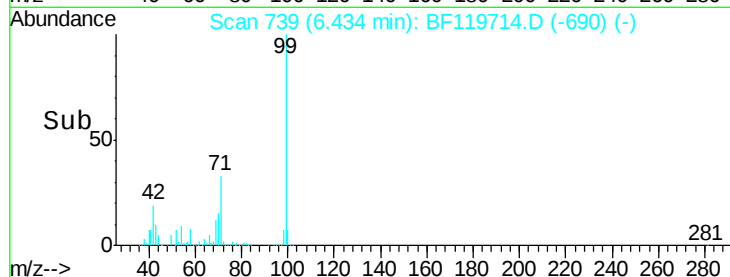
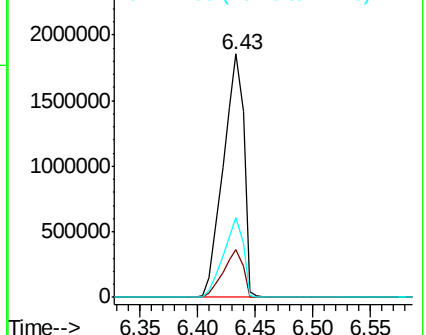
99 100

42 19.4 16.6 24.8

71 32.6 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
2500000 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: 16.085 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119714.D

Acq: 3 Apr 2020 12:59

Tgt Ion: 70 Resp: 178766

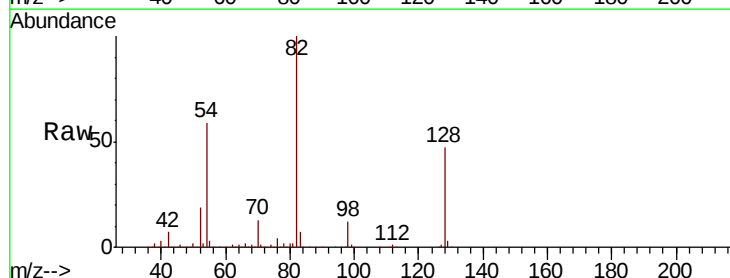
Ion Ratio Lower Upper

70 100

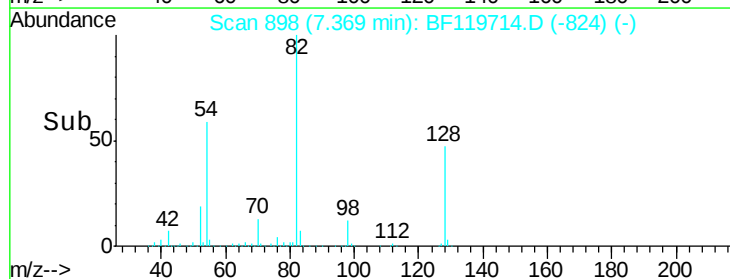
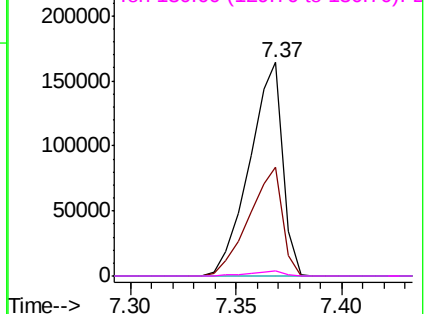
42 51.3 54.5 81.7#

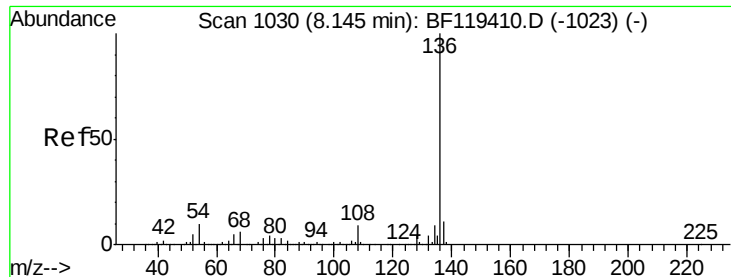
101 0.0 7.6 11.4#

130 2.4 17.6 26.4#



Abundance Ion 70.00 (69.70 to 70.70): BF1
250000 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

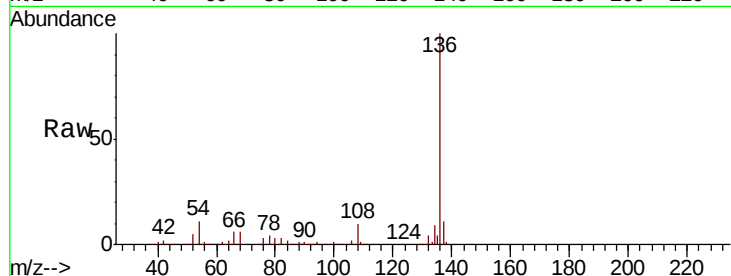




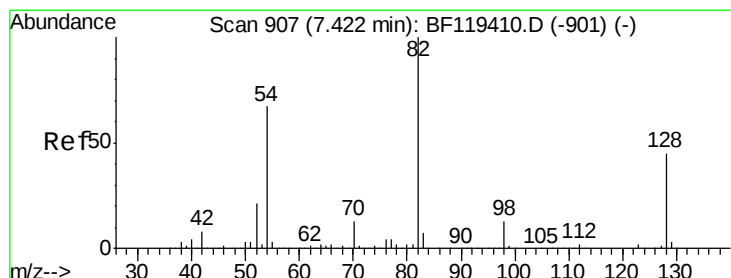
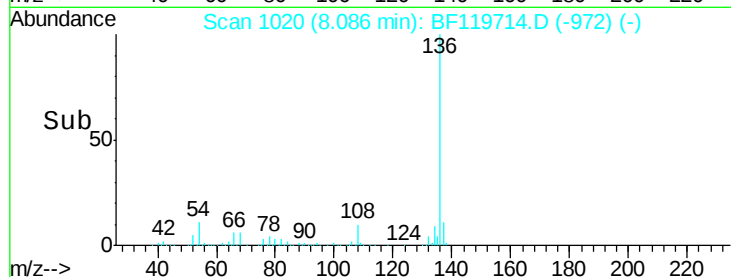
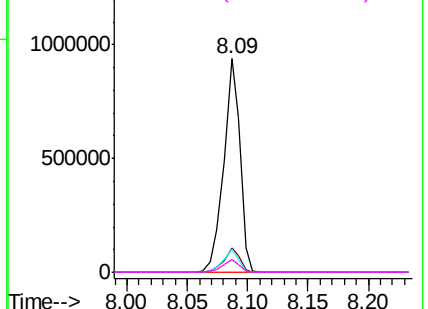
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119714.D
Acq: 3 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB127977TB

Tot Ion:136	Resp:	871332
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.7	13.1
54 10.8	9.1	13.7
68 6.2	4.6	6.8

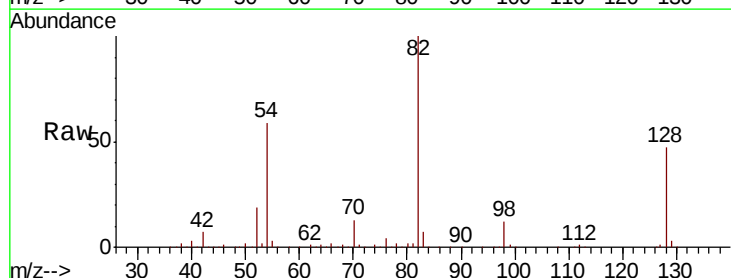


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

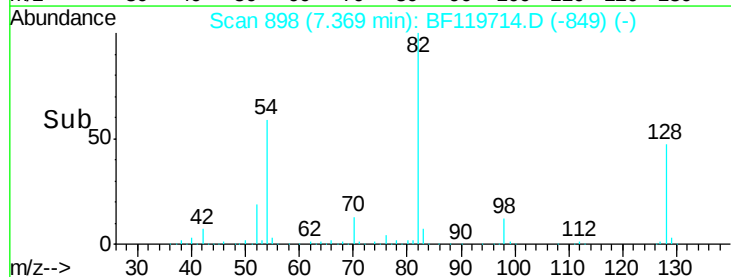
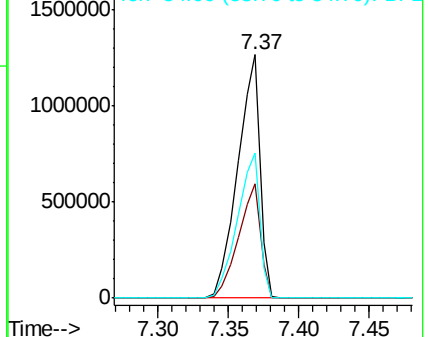


#23
Nitrobenzene-d5
Concen: 86.079 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119714.D
Acq: 3 Apr 2020 12:59

Tgt Ion: 82	Resp: 1380069
Ion Ratio	Lower Upper
82 100	
128 47.1	36.3 54.5
54 59.3	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: 42.323 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119714.D

Acq: 3 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

PB127977TB

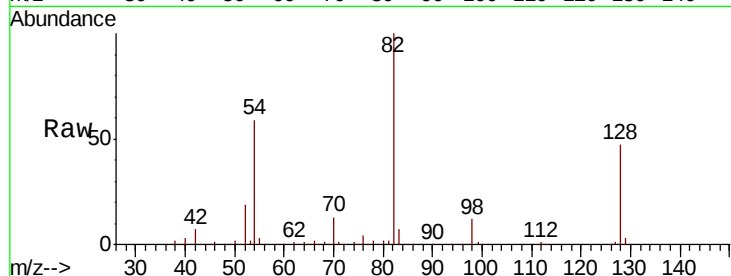
Tot Ion: 82 Resp: 1376445

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

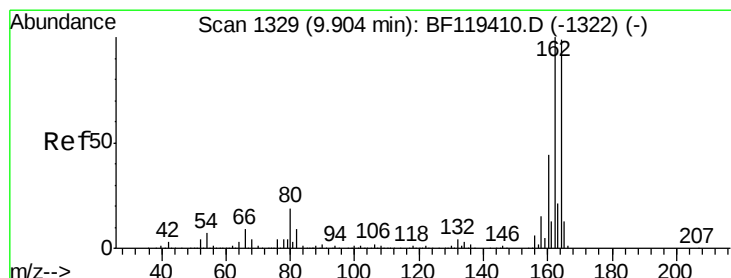
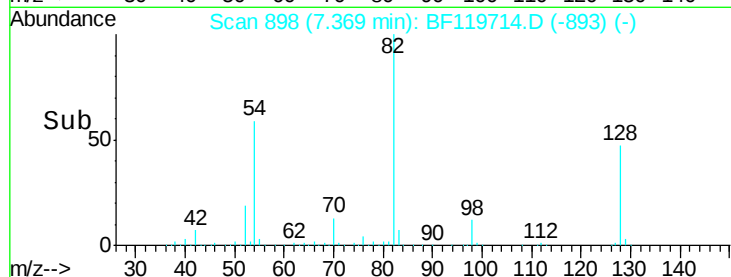
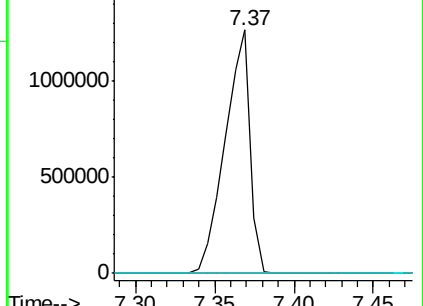
138 0.0 14.6 21.8#



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: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119714.D

Acq: 3 Apr 2020 12:59

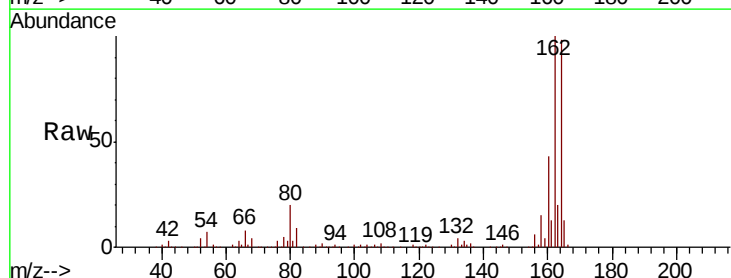
Tgt Ion:164 Resp: 444608

Ion Ratio Lower Upper

164 100

162 102.3 80.6 121.0

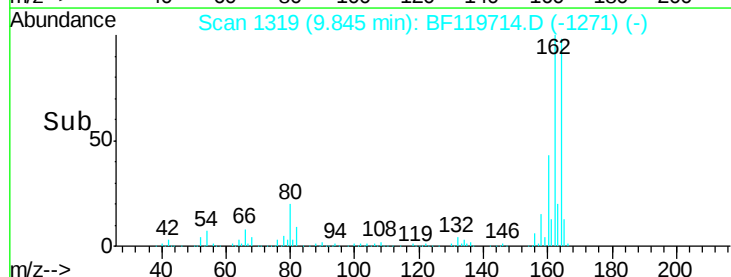
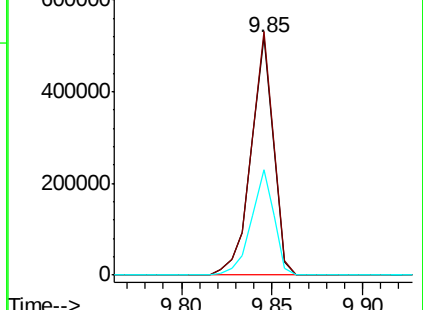
160 44.4 35.7 53.5

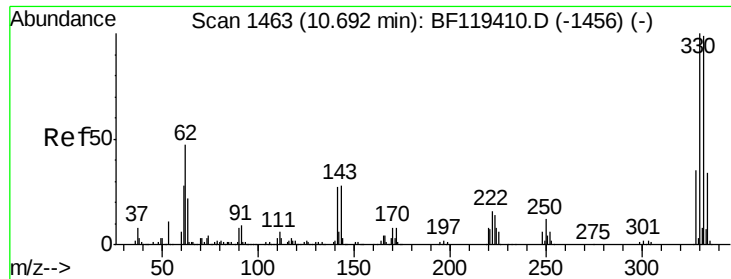


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

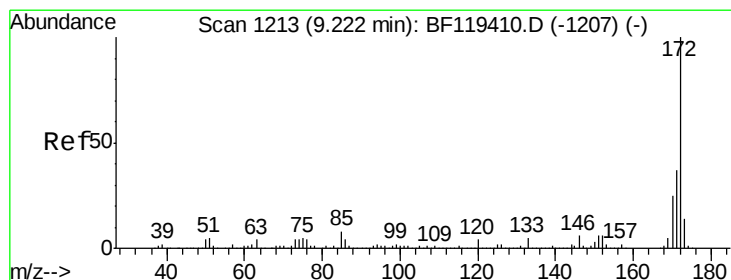
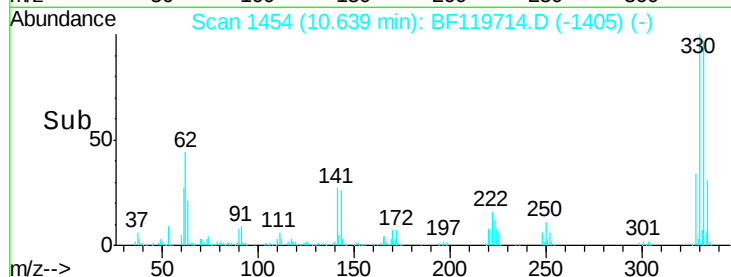
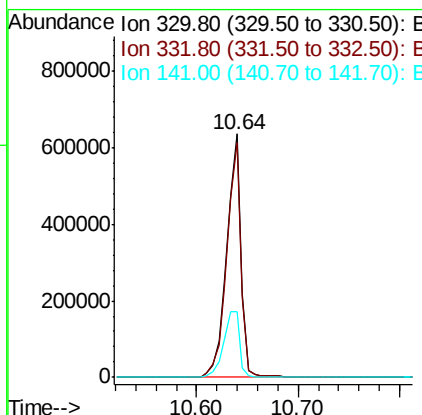
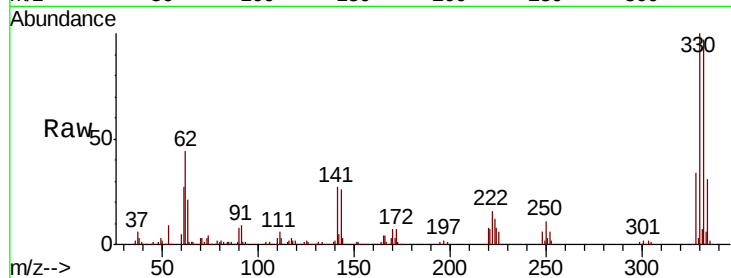




#42
 2,4,6-Tribromophenol
 Concen: 136.767 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

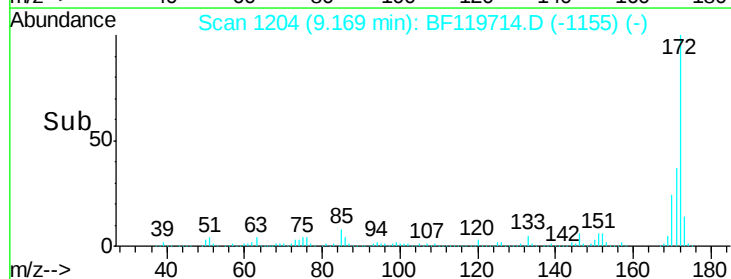
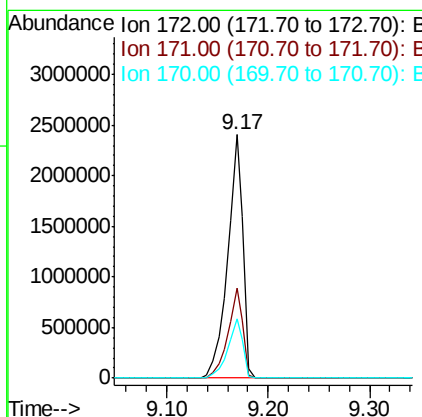
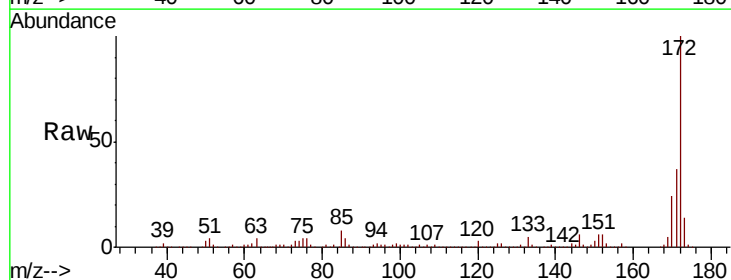
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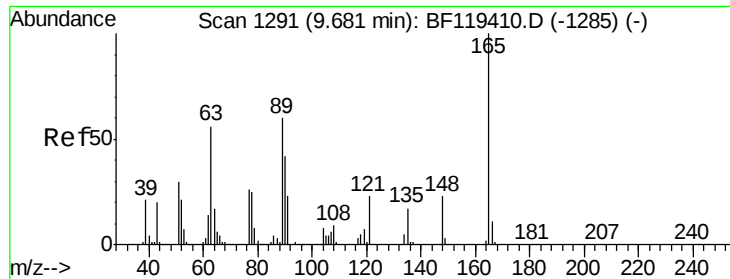
Tot Ion:330 Resp: 627333
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5
 141 30.4 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 83.172 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

Tgt Ion:172 Resp: 2496086
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.5 20.2 30.2

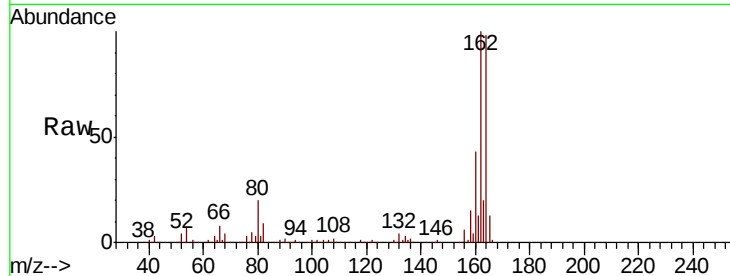




#51
 2,6-Dinitrotoluene
 Concen: 8.606 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB127977TB

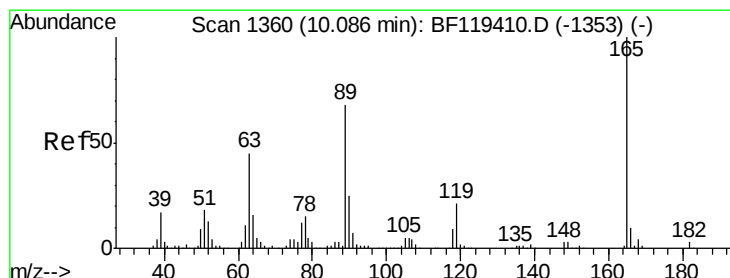
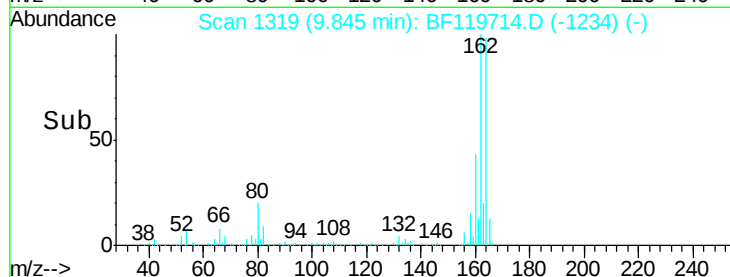
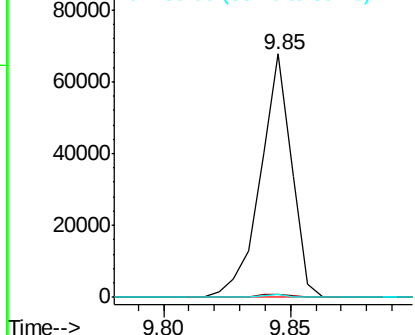
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	45.0	67.4#
89	1.1	41.5	62.3#



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: 6.832 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

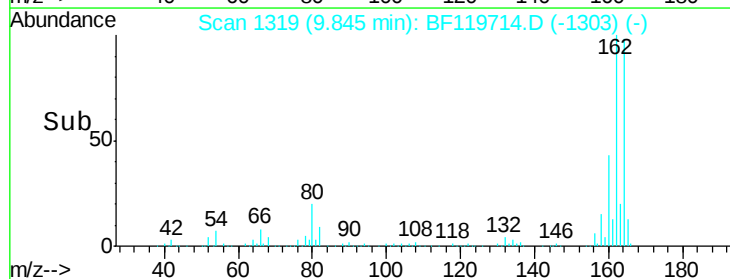
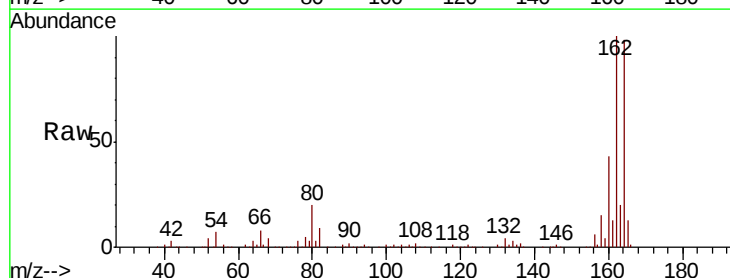
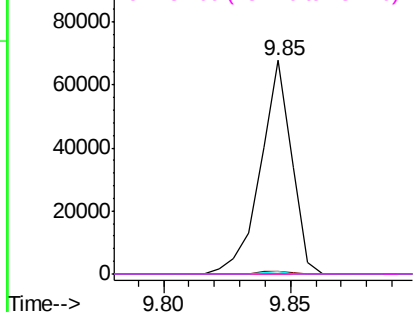
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.1	61.0	91.4#
182	0.0	2.2	3.2#

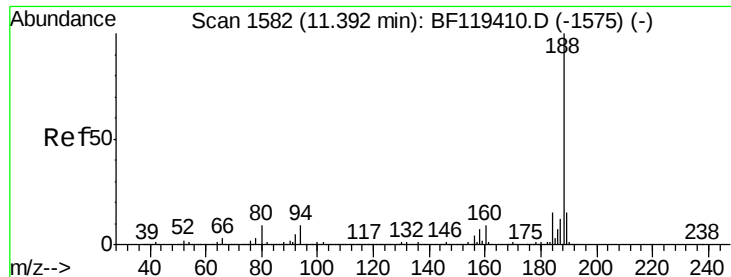
Abundance Ion 165.00 (164.70 to 165.70): E

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

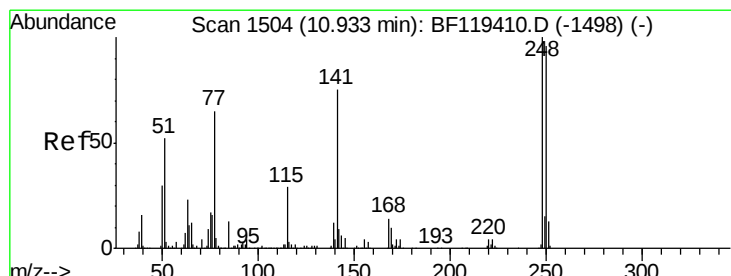
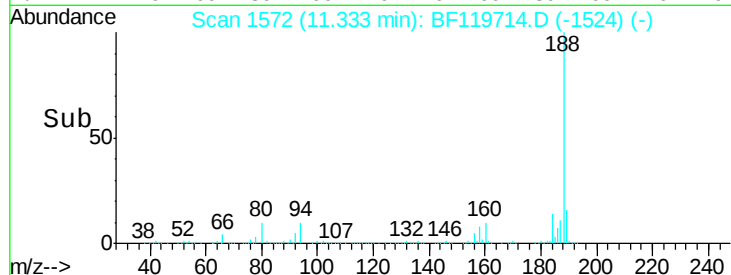
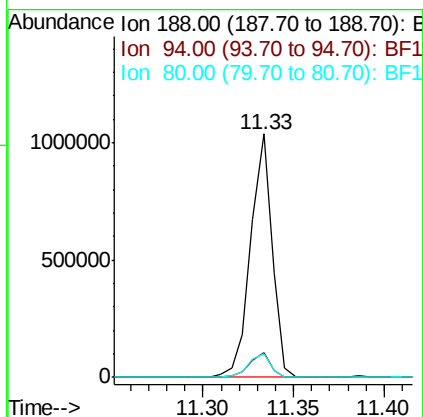
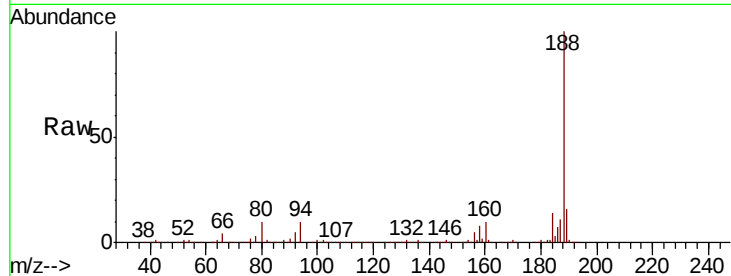




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

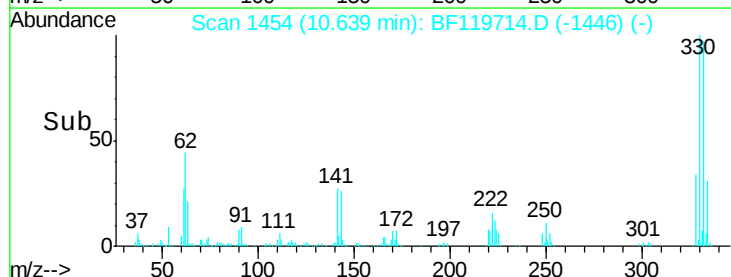
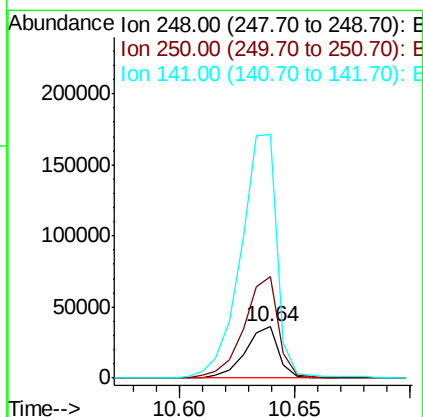
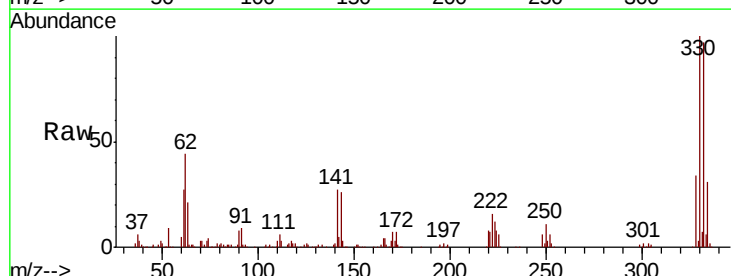
Instrument :
 BNA_F
 ClientSampleId :
 PB127977TB

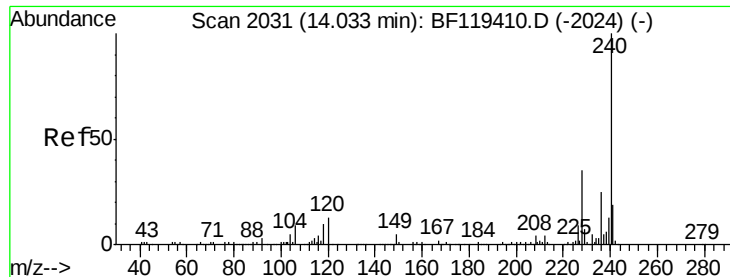
Tot Ion:188 Resp: 863753
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.5 11.3
 80 9.7 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.676 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

Tgt Ion:248 Resp: 36158
 Ion Ratio Lower Upper
 248 100
 250 199.4 77.3 115.9#
 141 476.6 58.6 87.8#

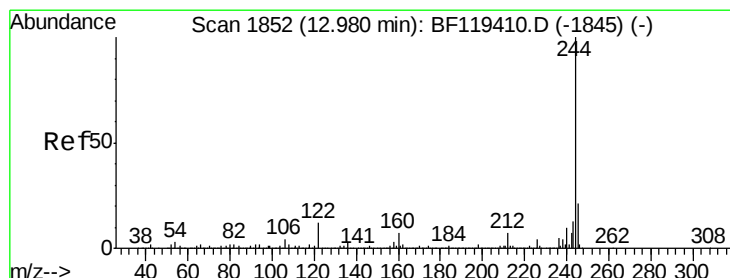
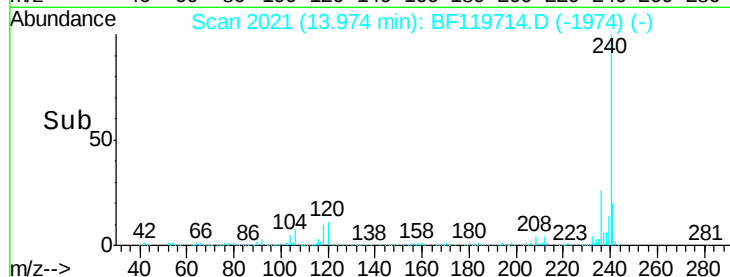
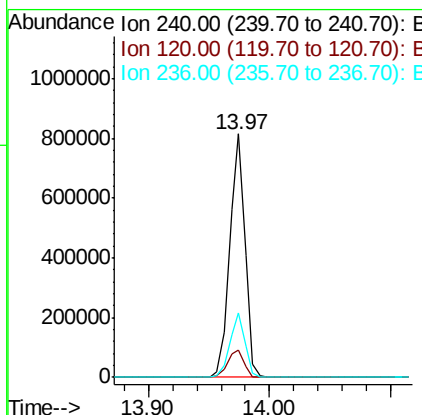
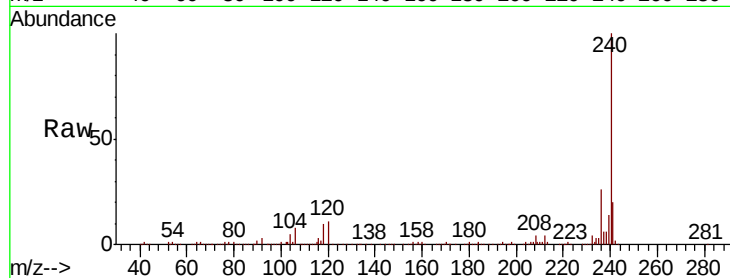




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

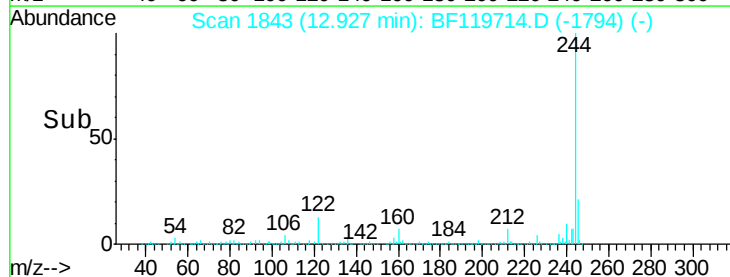
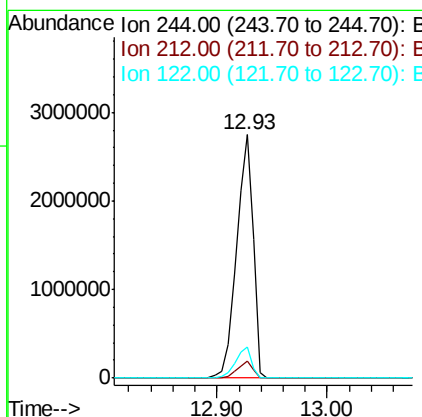
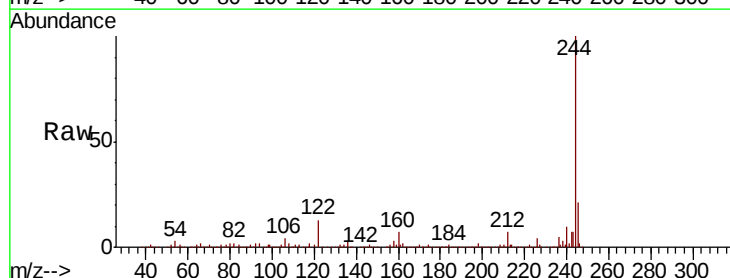
Instrument :
 BNA_F
 ClientSampleId :
 PB127977TB

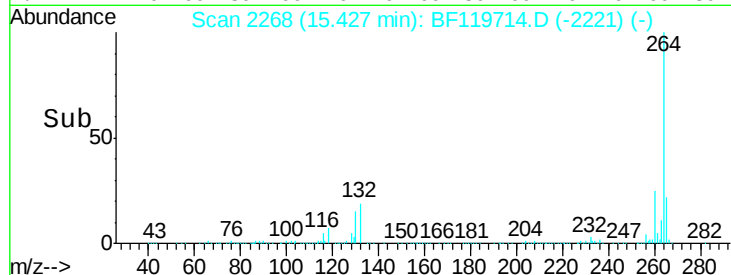
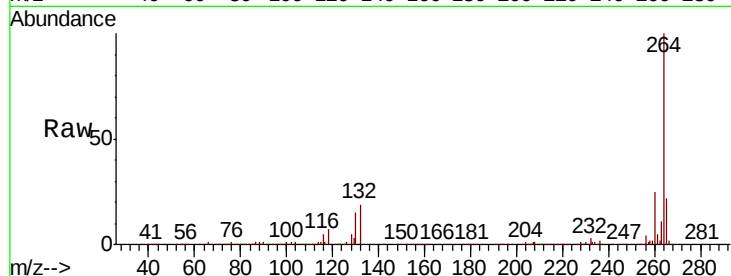
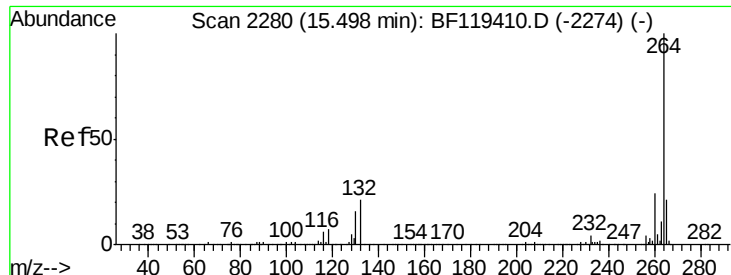
Tot Ion:240 Resp: 710395
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.6 15.8
 236 26.4 20.2 30.2



#79
 Terphenyl-d14
 Concen: 79.839 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

Tgt Ion:244 Resp: 2894904
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 13.0 10.3 15.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB127977TB

Tot Ion:	264	Resp:	710386
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	21.6	17.7	26.5

