

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119669.D
 Acq On : 1 Apr 2020 12:46
 Operator : MA/SJ
 Sample : L1762-25
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720

Quant Time: Apr 01 13:16:37 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

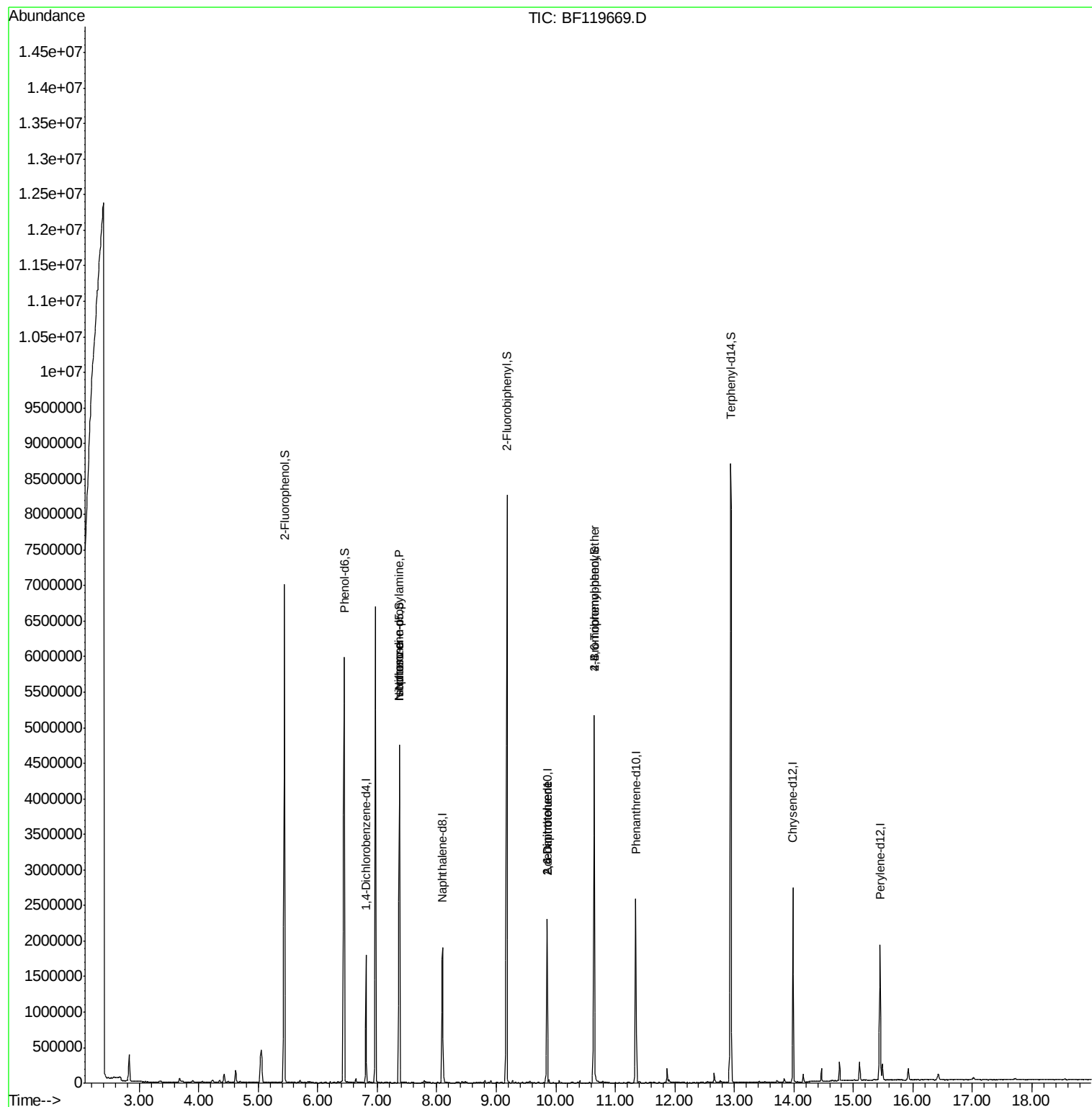
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	258652	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1004342	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	522810	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1017753	20.00	ng	0.00
76) Chrysene-d12	13.99	240	878493	20.00	ng	-0.01
87) Perylene-d12	15.44	264	934680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2081282	128.10	ng	0.03
7) Phenol-d6	6.45	99	2383868	114.85	ng	0.00
23) Nitrobenzene-d5	7.37	82	1827066	98.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	863367	160.07	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3327469	94.29	ng	0.00
79) Terphenyl-d14	12.94	244	3870118	86.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	240743	19.243	ng	# 73
25) Isophorone	7.37	82	1822940	48.629	ng	# 65
51) 2,6-Dinitrotoluene	9.86	165	64930	8.157	ng	# 26
57) 2,4-Dinitrotoluene	9.86	165	64930	6.475	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	51075	4.406	ng	# 1

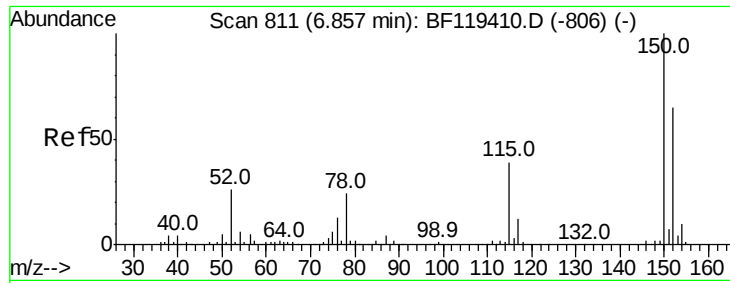
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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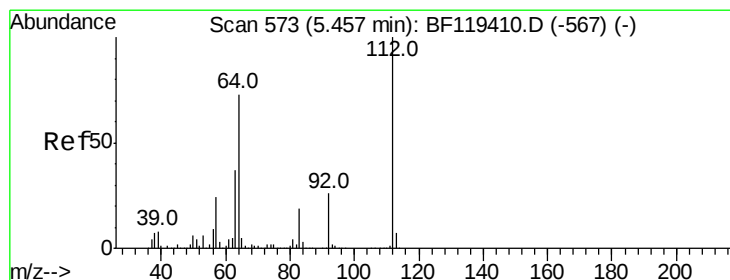
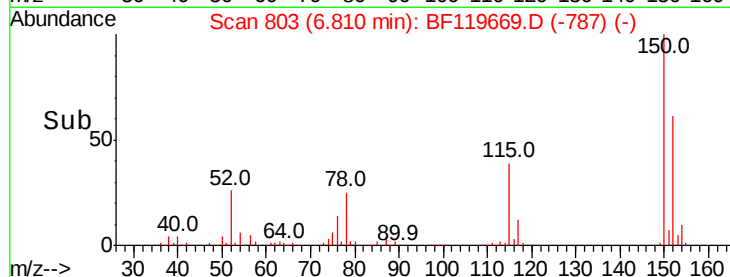
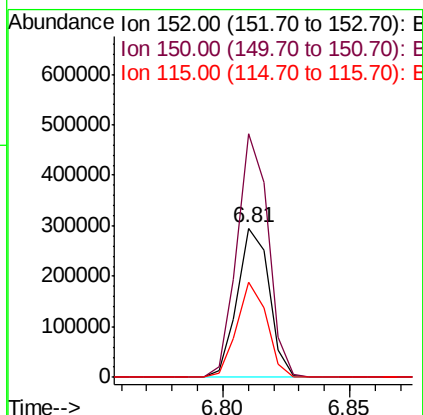
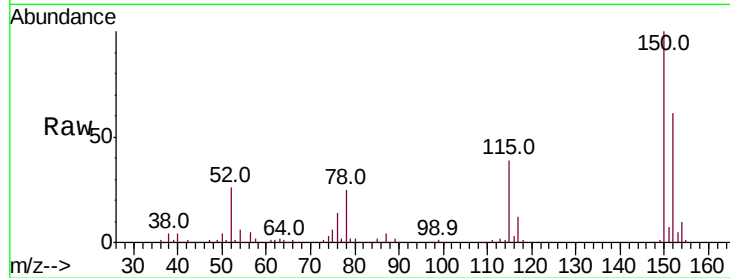


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119669.D
Acq: 1 Apr 2020 12:46

Instrument :
BNA_F
ClientSampleId :
TR-04-032720

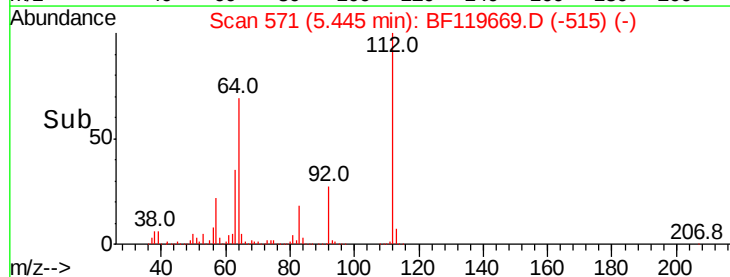
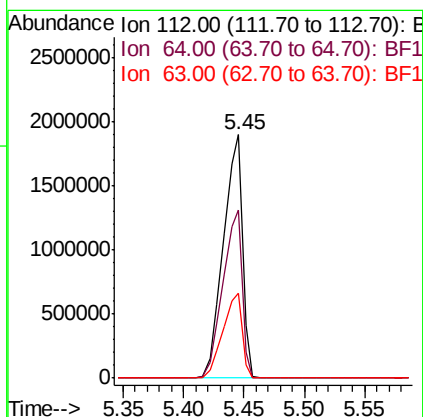
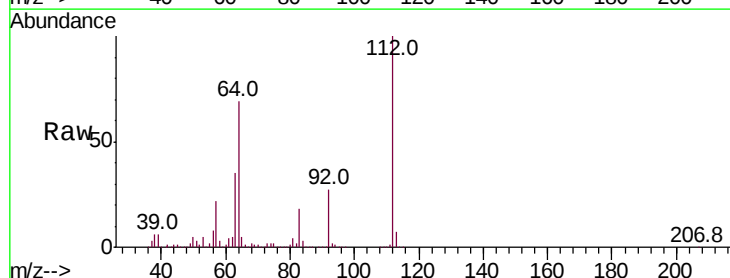
Tot Ion:152 Resp: 258652
Ion Ratio Lower Upper
152 100
150 162.9 124.5 186.7
115 64.0 49.6 74.4

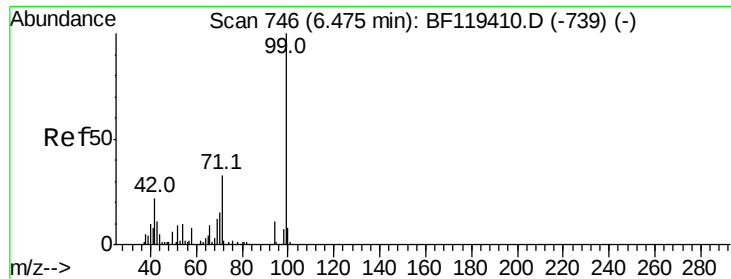


#5

2-Fluorophenol
Concen: 128.095 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.03 min
Lab File: BF119669.D
Acq: 1 Apr 2020 12:46

Tgt Ion:112 Resp: 2081282
Ion Ratio Lower Upper
112 100
64 69.1 56.7 85.1
63 34.9 29.5 44.3





#7

Phenol-d6

Concen: 114.854 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119669.D

Acq: 1 Apr 2020 12:46

Instrument :

BNA_F

ClientSampled :

TR-04-032720

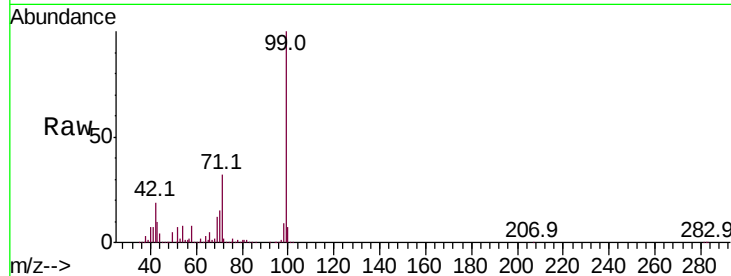
Tot Ion: 99 Resp: 2383868

Ion Ratio Lower Upper

99 100

42 18.8 16.6 24.8

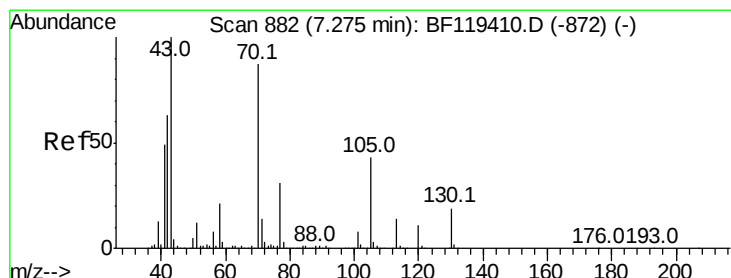
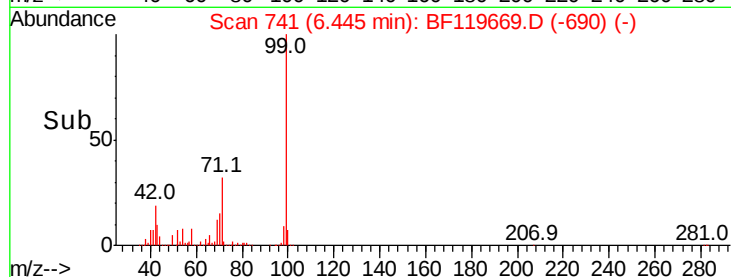
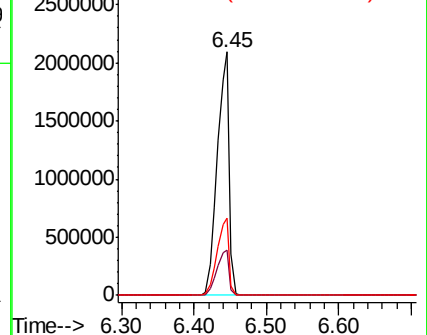
71 31.9 26.4 39.6



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: 19.243 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF119669.D

Acq: 1 Apr 2020 12:46

Tgt Ion: 70 Resp: 240743

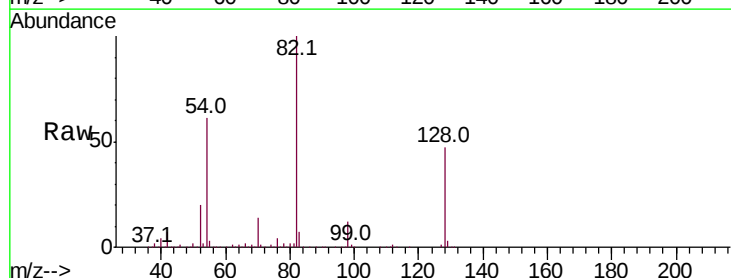
Ion Ratio Lower Upper

70 100

42 50.3 54.5 81.7#

101 0.0 7.6 11.4#

130 2.5 17.6 26.4#

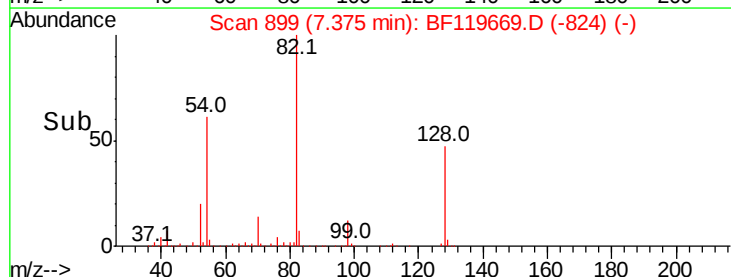
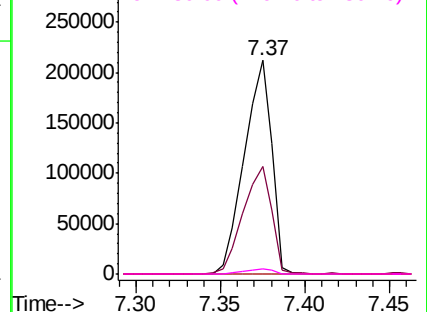


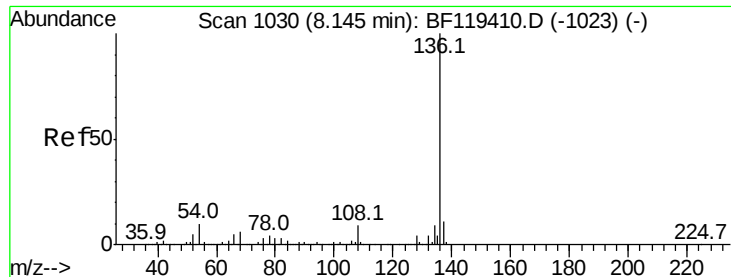
Abundance Ion 70.00 (69.70 to 70.70): BF1

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



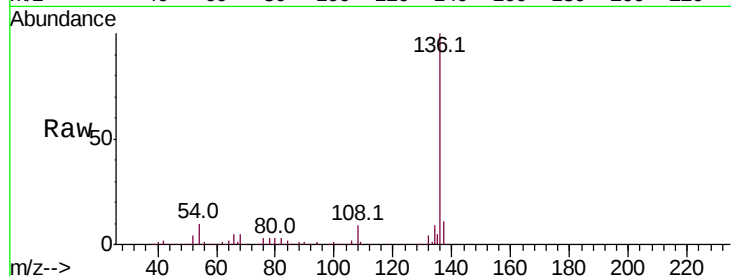


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119669.D
Acq: 1 Apr 2020 12:46

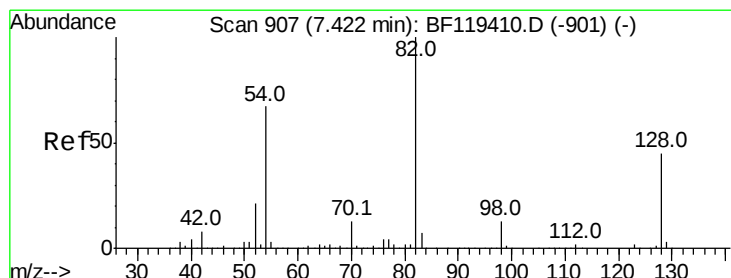
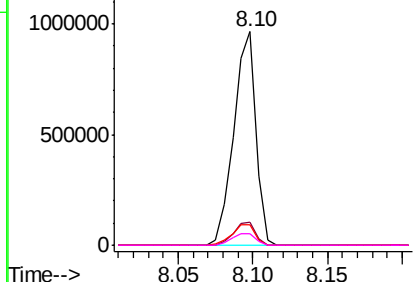
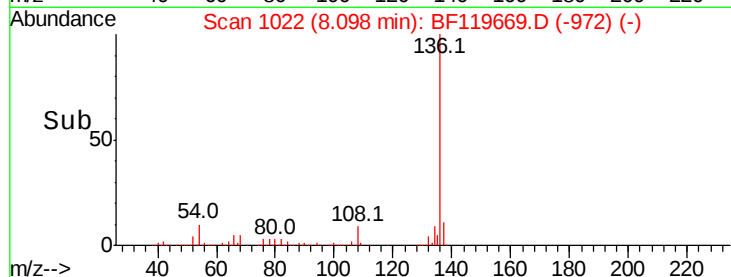
Instrument :
BNA_F
ClientSampleId :
TR-04-032720

Tot Ion:136 Resp: 1004342

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.7	9.1	13.7
68	5.5	4.6	6.8



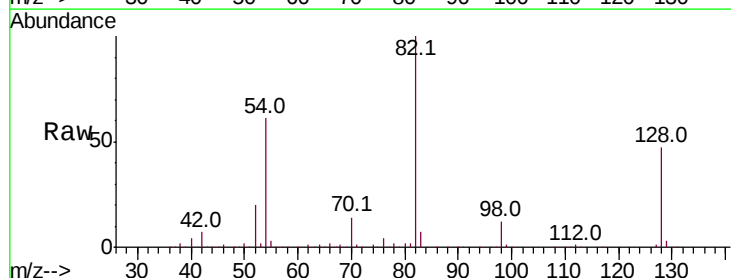
Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



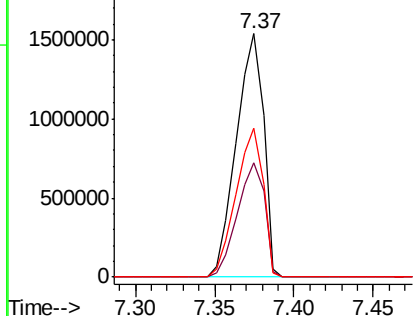
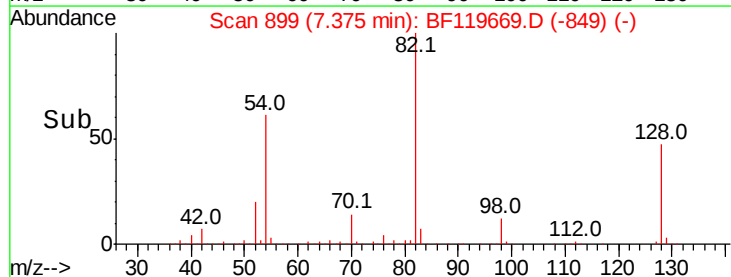
#23
Nitrobenzene-d5
Concen: 98.868 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119669.D
Acq: 1 Apr 2020 12:46

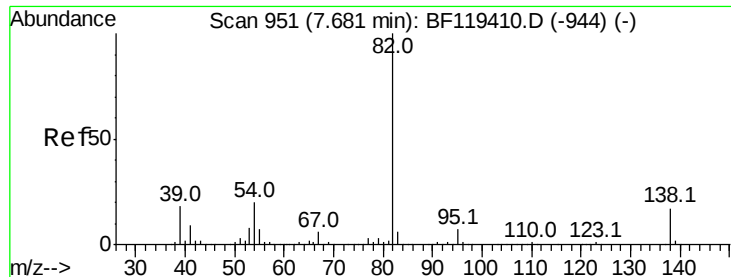
Tgt Ion: 82 Resp: 1827066

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	61.0	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: 48.629 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF119669.D

Acq: 1 Apr 2020 12:46

Instrument :

BNA_F

ClientSampleId :

TR-04-032720

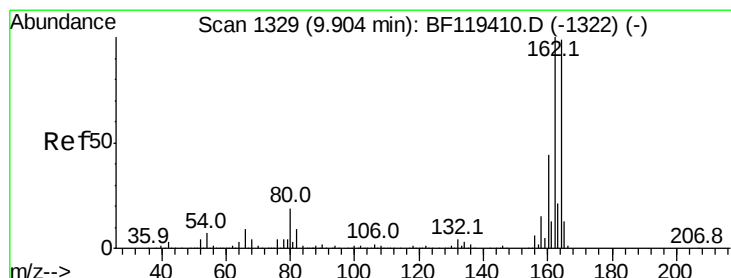
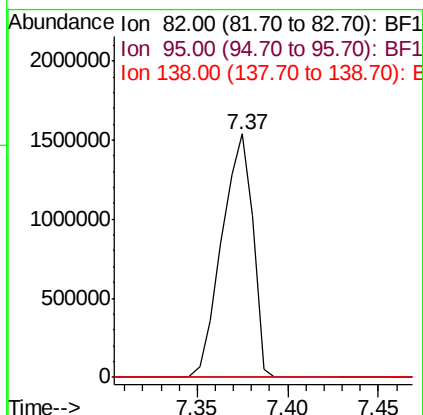
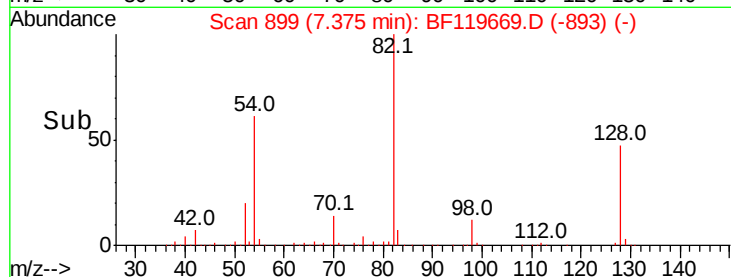
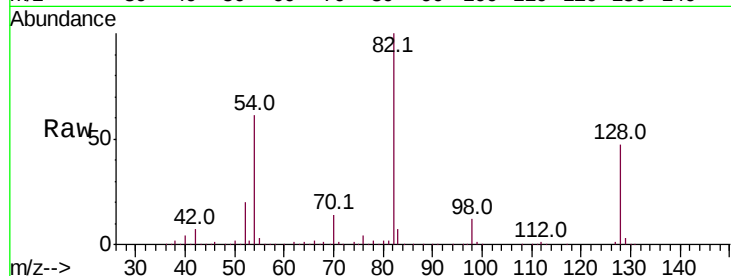
Tot Ion: 82 Resp: 1822940

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF119669.D

Acq: 1 Apr 2020 12:46

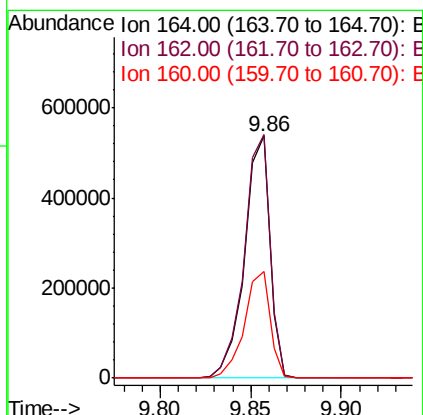
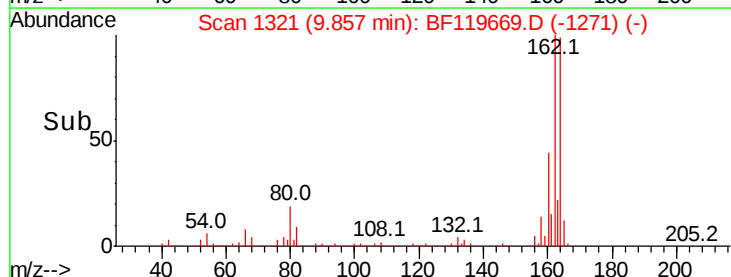
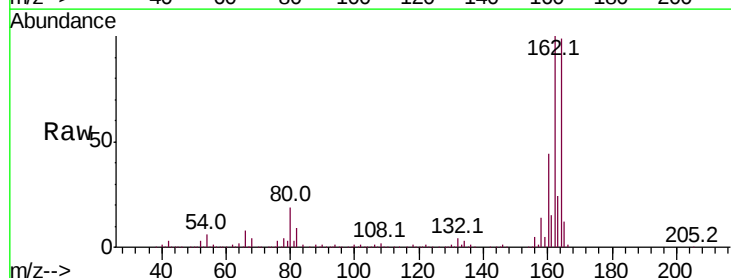
Tgt Ion:164 Resp: 522810

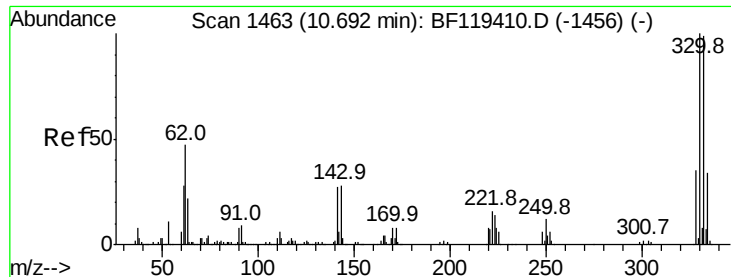
Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

160 43.9 35.7 53.5

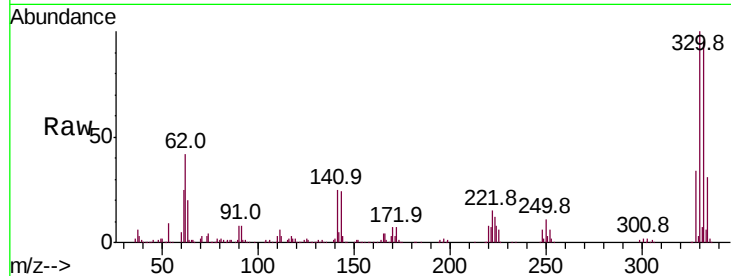




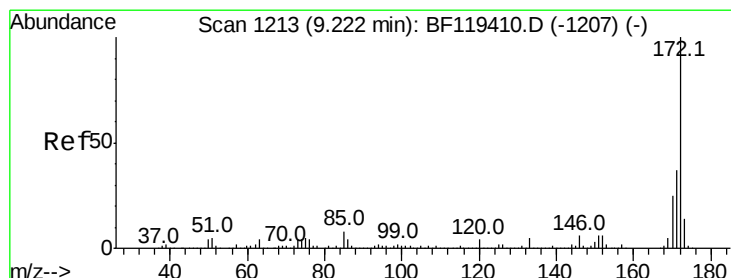
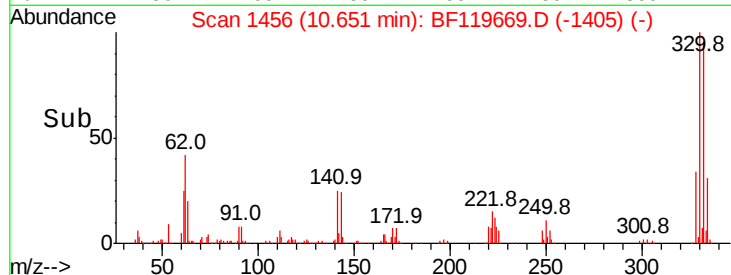
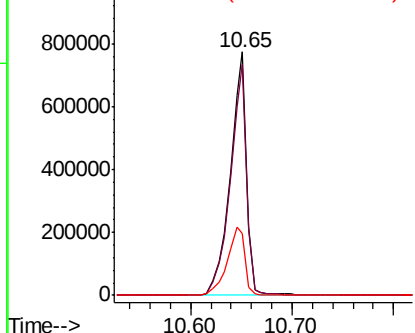
#42
 2,4,6-Tribromophenol
 Concen: 160.071 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF119669.D
 Acq: 1 Apr 2020 12:46

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720

Tot Ion:330 Resp: 863367
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 30.4 25.4 38.0

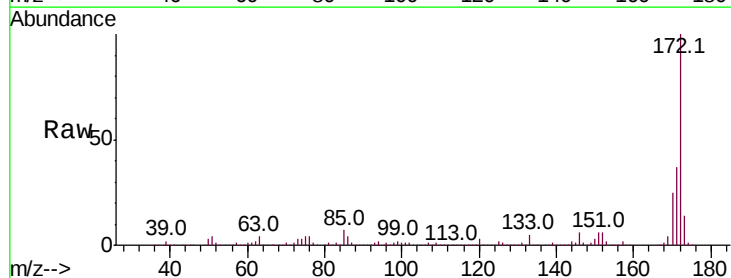


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

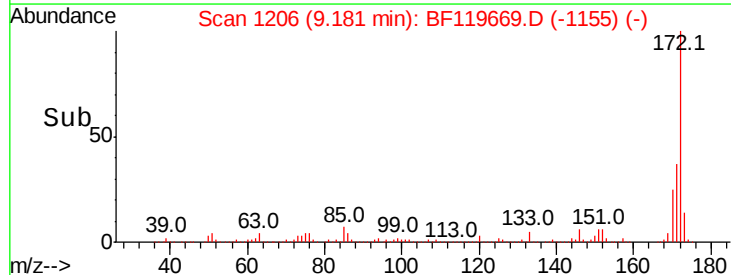
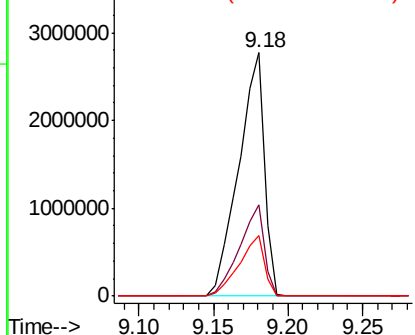


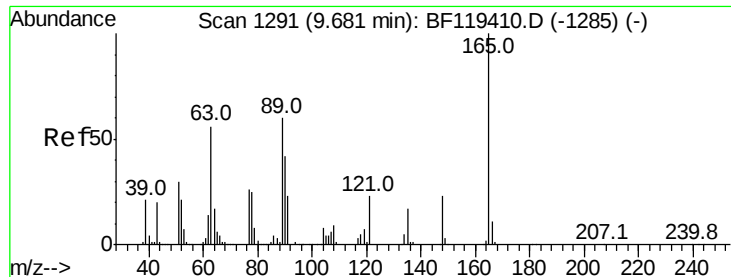
#45
 2-Fluorobiphenyl
 Concen: 94.290 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119669.D
 Acq: 1 Apr 2020 12:46

Tgt Ion:172 Resp: 3327469
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.8 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: 8.157 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.21 min

Lab File: BF119669.D

Acq: 1 Apr 2020 12:46

Instrument :

BNA_F

ClientSampleId :

TR-04-032720

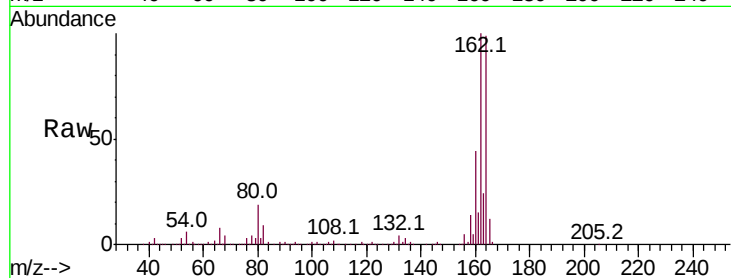
Tot Ion:165 Resp: 64930

Ion Ratio Lower Upper

165 100

63 1.2 45.0 67.4#

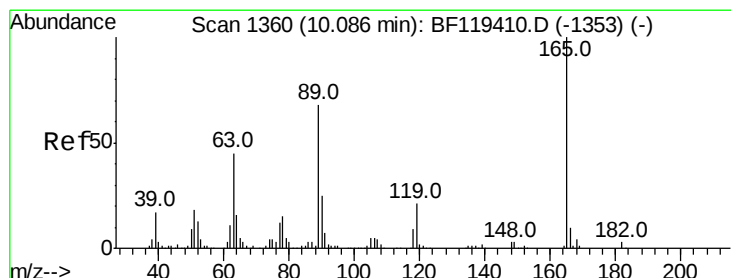
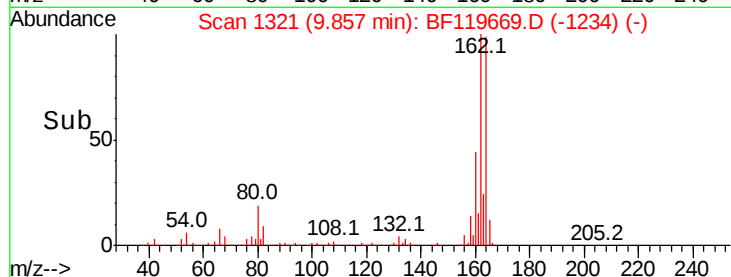
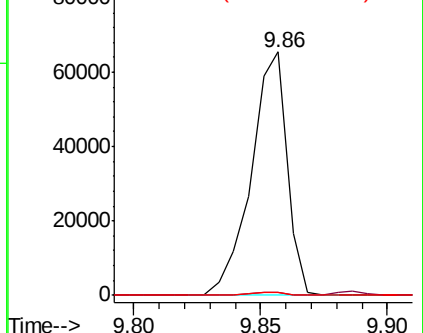
89 1.0 41.5 62.3#



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: 6.475 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.19 min

Lab File: BF119669.D

Acq: 1 Apr 2020 12:46

Tgt Ion:165 Resp: 64930

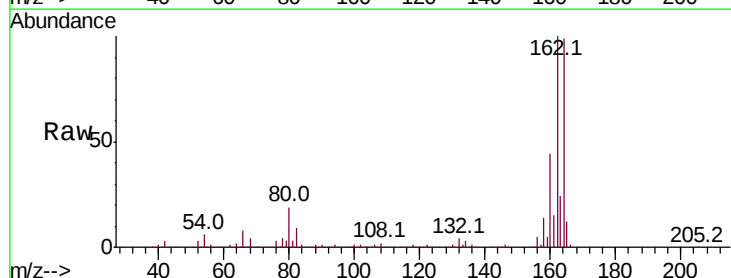
Ion Ratio Lower Upper

165 100

63 1.2 42.6 64.0#

89 1.0 61.0 91.4#

182 0.0 2.2 3.2#

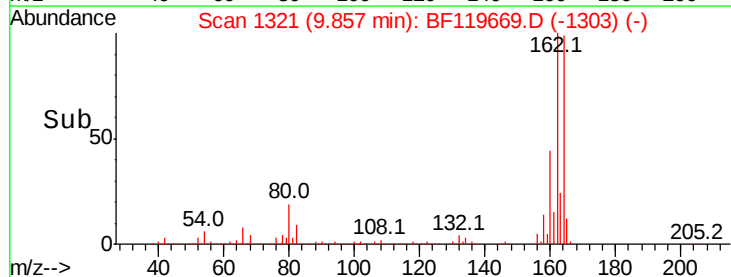
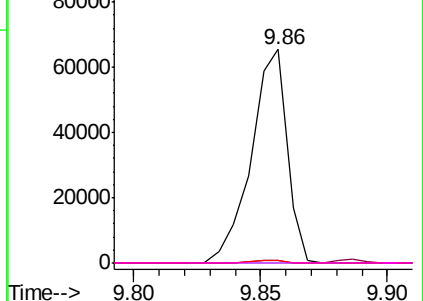


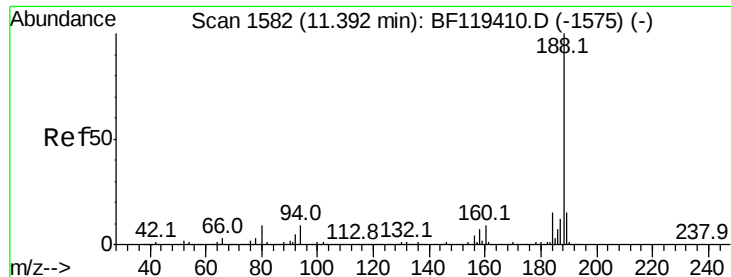
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF119669.D

Acq: 1 Apr 2020 12:46

Instrument :

BNA_F

ClientSampled :

TR-04-032720

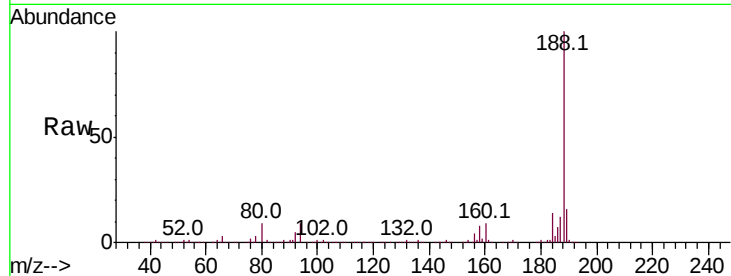
Tot Ion:188 Resp: 1017753

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

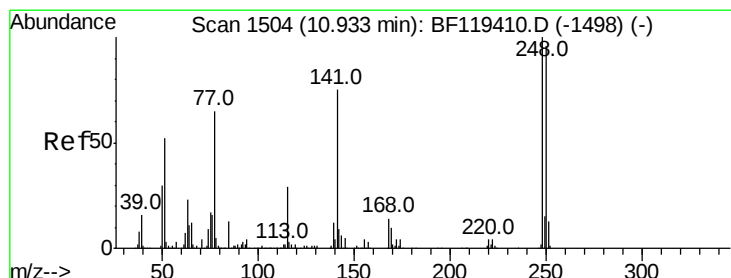
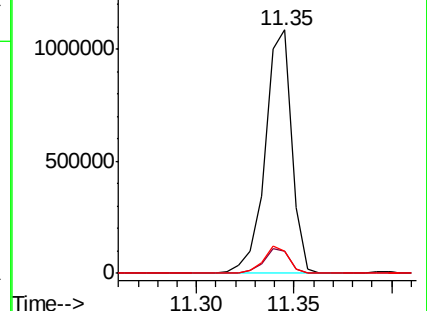
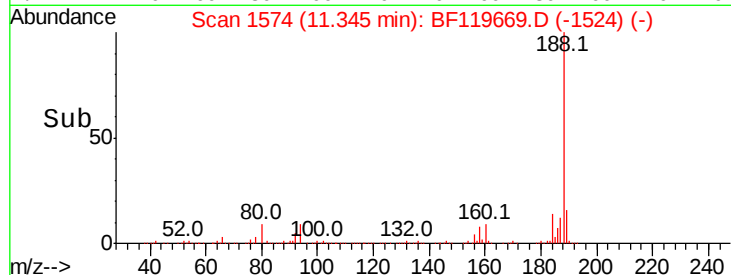
80 9.0 9.0 13.4



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: 4.406 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.24 min

Lab File: BF119669.D

Acq: 1 Apr 2020 12:46

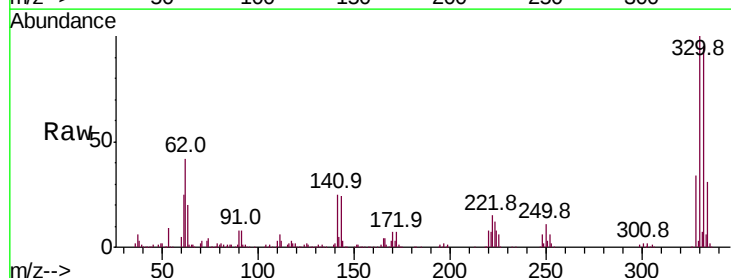
Tgt Ion:248 Resp: 51075

Ion Ratio Lower Upper

248 100

250 196.5 77.3 115.9#

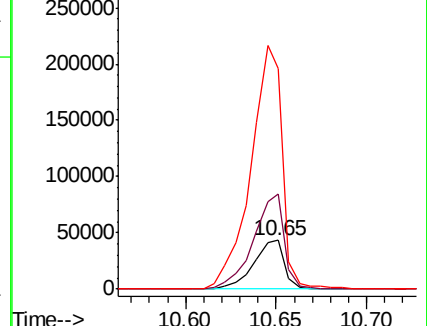
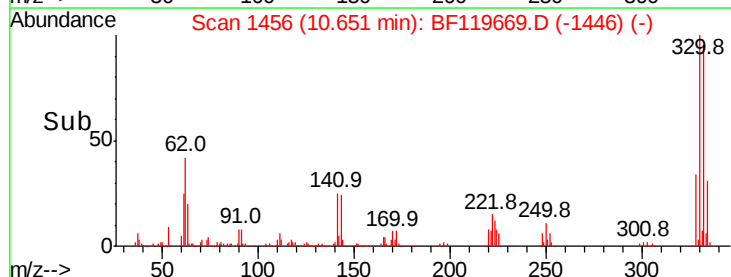
141 454.8 58.6 87.8#

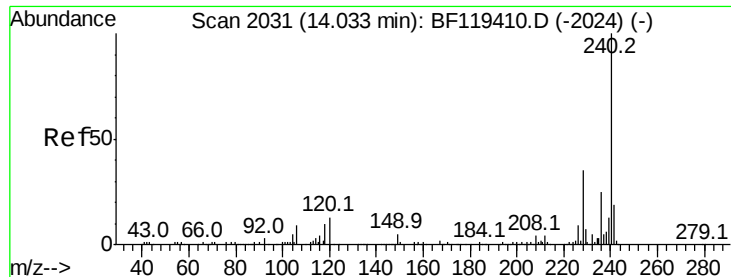


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

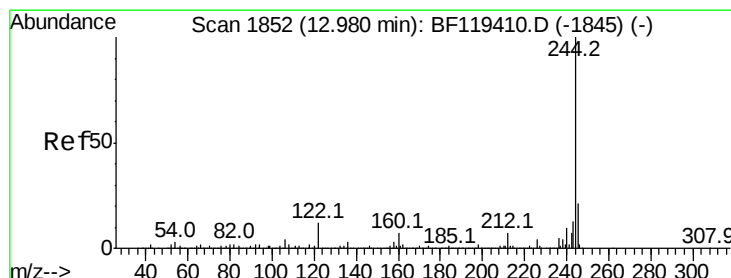
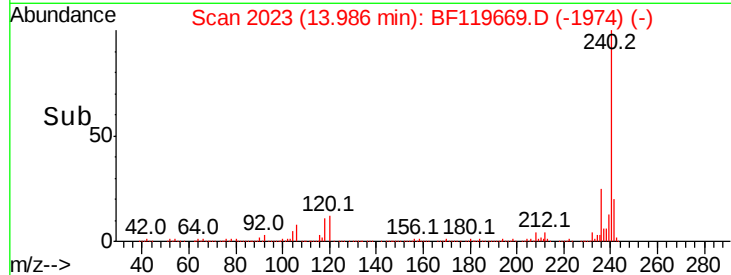
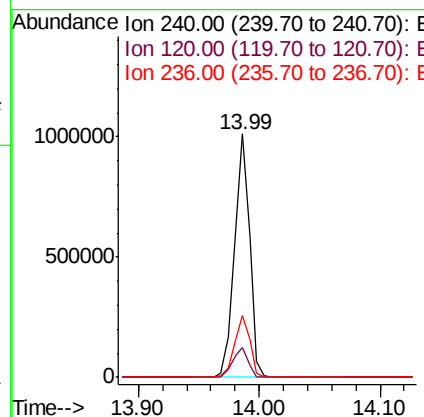
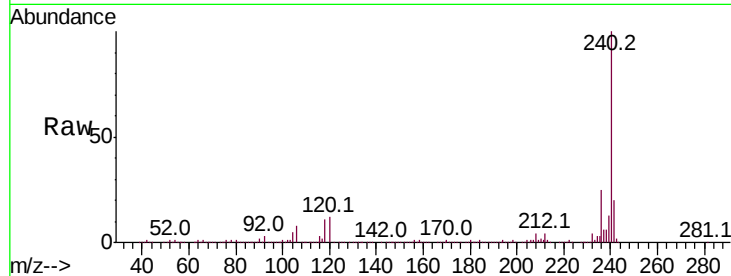




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF119669.D
 Acq: 1 Apr 2020 12:46

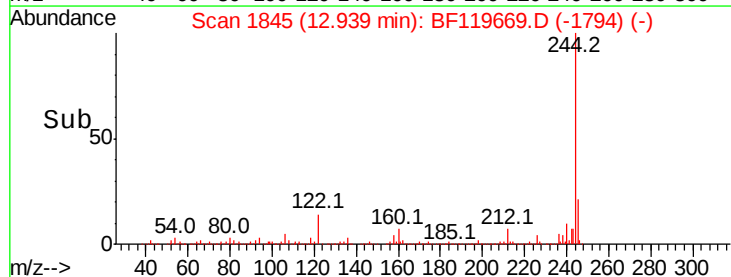
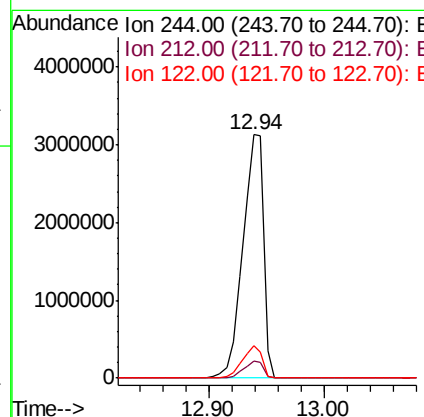
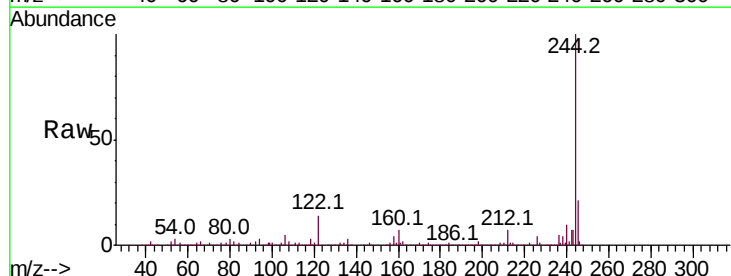
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720

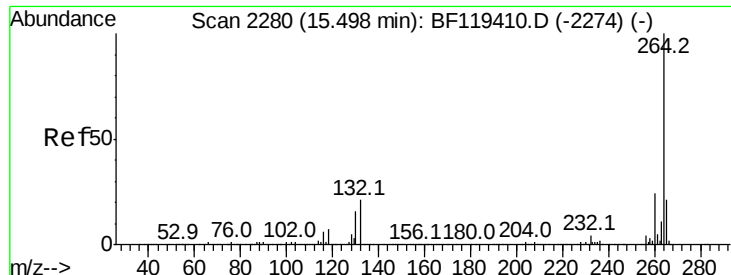
Tot Ion:240 Resp: 878493
 Ion Ratio Lower Upper
 240 100
 120 12.3 10.6 15.8
 236 25.4 20.2 30.2



#79
 Terphenyl-d14
 Concen: 86.311 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF119669.D
 Acq: 1 Apr 2020 12:46

Tgt Ion:244 Resp: 3870118
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.6 10.3 15.5

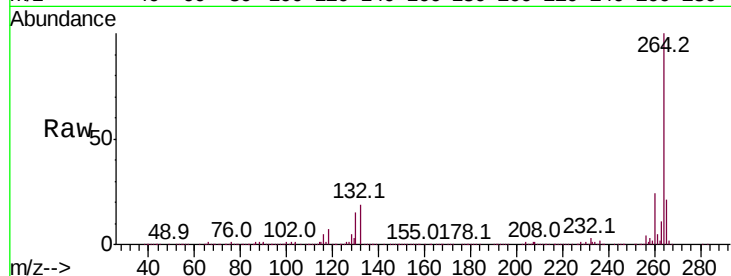




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF119669.D
Acq: 1 Apr 2020 12:46

Instrument :
BNA_F
ClientSampleId :
TR-04-032720

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.5	17.7	26.5



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

