

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119997.D
 Acq On : 15 Apr 2020 16:49
 Operator : MA/SJ
 Sample : L2245-29
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21B

Quant Time: Apr 16 01:14:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

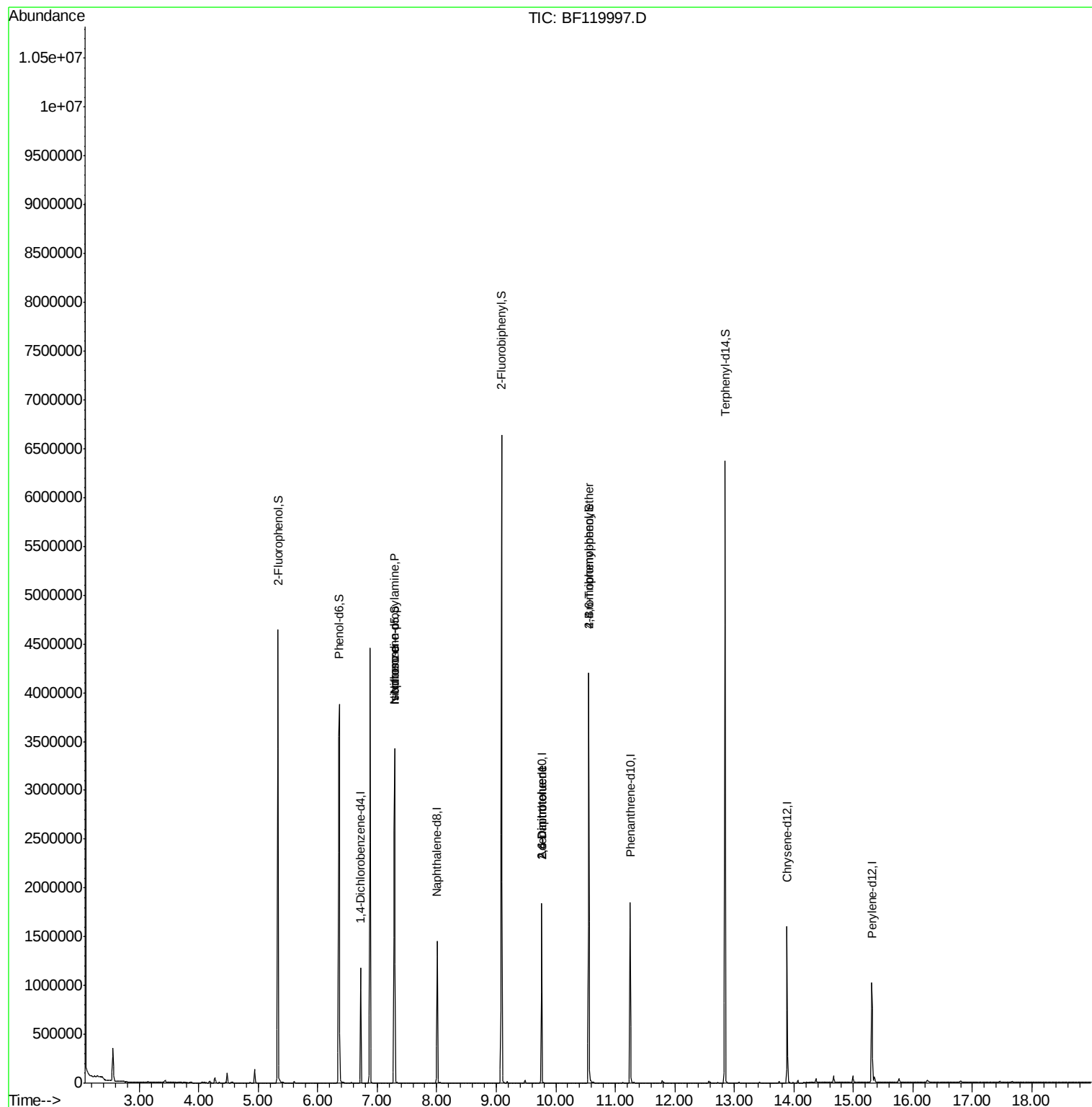
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	169909	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	643905	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	348162	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	690855	20.00	ng	0.00
76) Chrysene-d12	13.89	240	548349	20.00	ng	-0.01
87) Perylene-d12	15.31	264	444055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1274429	129.63	ng	0.00
7) Phenol-d6	6.36	99	1509543	119.16	ng	0.00
23) Nitrobenzene-d5	7.29	82	1100970	88.46	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	506903	118.92	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2128141	86.78	ng	0.00
79) Terphenyl-d14	12.84	244	2595767	79.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	1635	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.29	70	142999	17.553	ng	# 74
25) Isophorone	7.29	82	1096508	45.701	ng	# 65
51) 2,6-Dinitrotoluene	9.76	165	43616	7.396	ng	# 20
57) 2,4-Dinitrotoluene	9.76	165	43616	5.614	ng	# 23
67) 4-Bromophenyl-phenylether	10.56	248	31563	3.674	ng	# 1

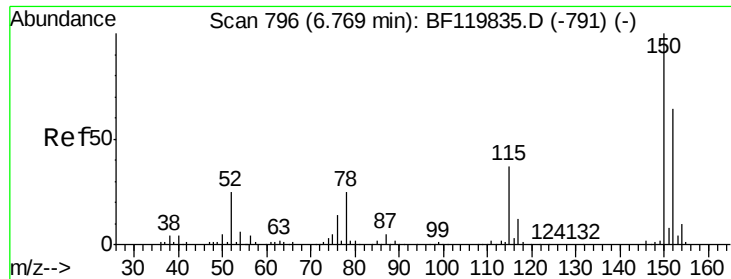
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119997.D
Acq On : 15 Apr 2020 16:49
Operator : MA/SJ
Sample : L2245-29
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-21B

Quant Time: Apr 16 01:14:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

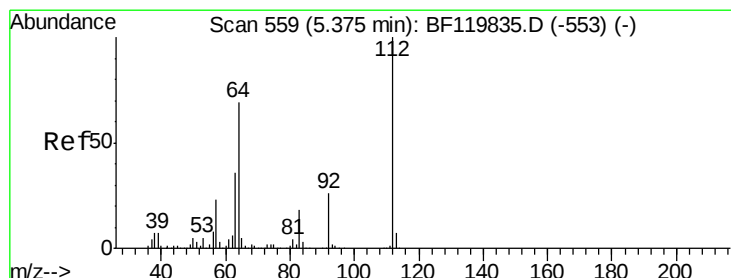
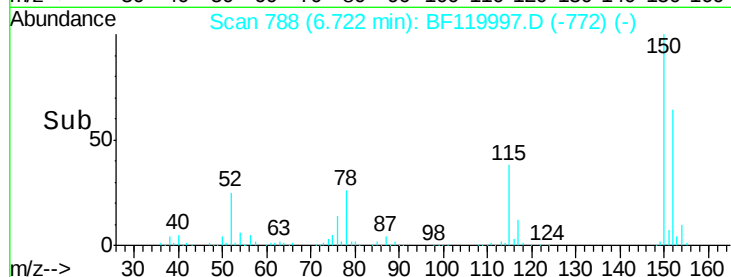
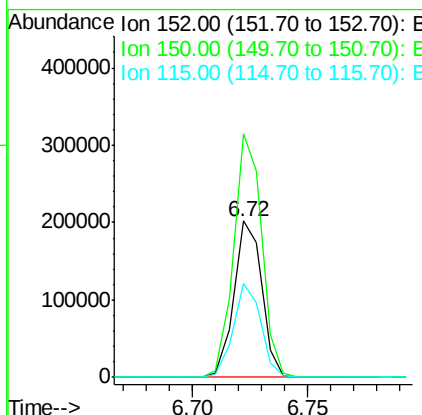
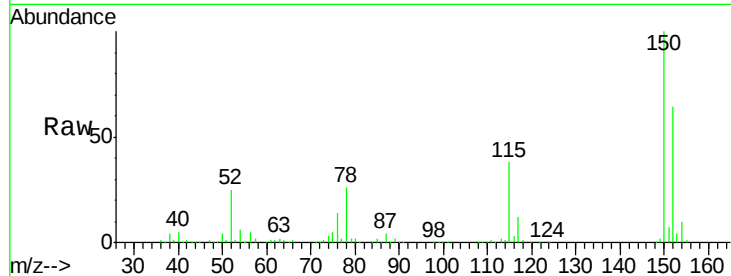




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

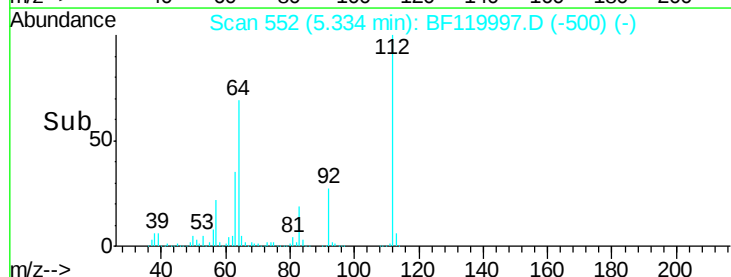
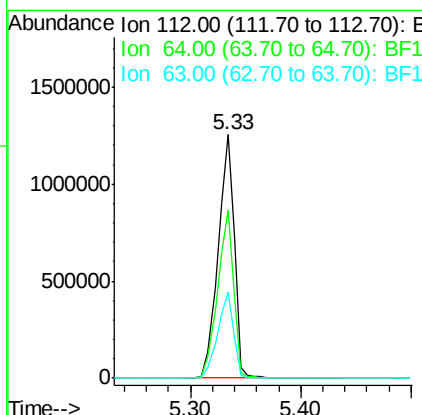
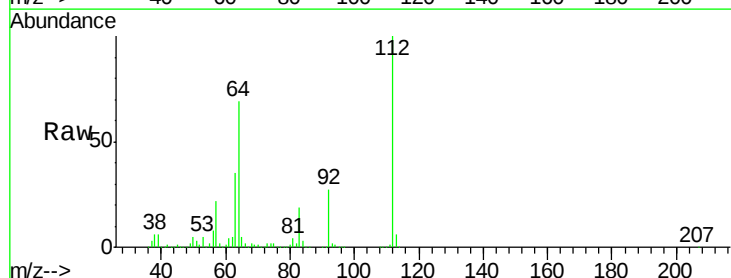
Instrument :
 BNA_F
 ClientSampleId :
 TP-21B

Tot Ion:152 Resp: 169909
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.8 187.2
 115 59.8 46.5 69.7



#5
 2-Fluorophenol
 Concen: 129.625 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

Tgt Ion:112 Resp: 1274429
 Ion Ratio Lower Upper
 112 100
 64 69.1 55.5 83.3
 63 35.4 29.1 43.7





#7

Phenol-d6

Concen: 119.157 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF119997.D

Acq: 15 Apr 2020 16:49

Instrument :

BNA_F

ClientSampleId :

TP-21B

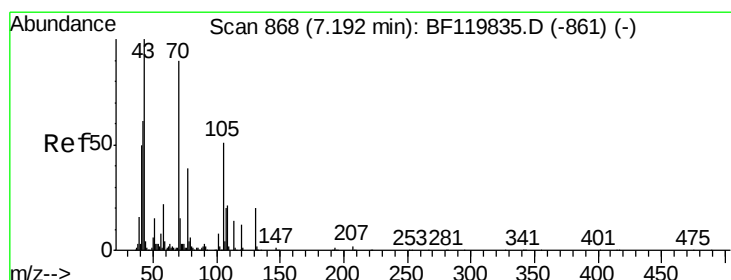
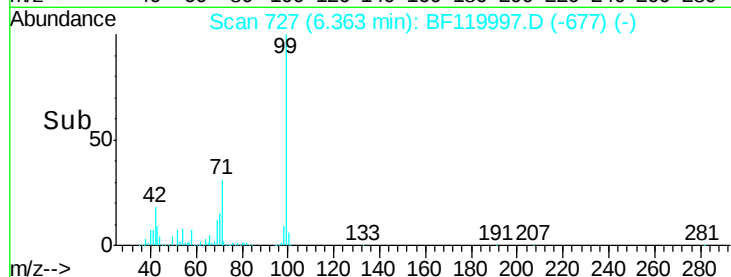
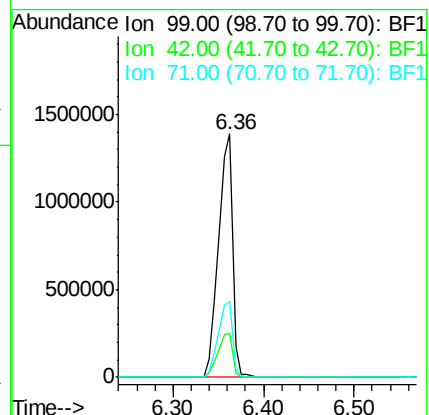
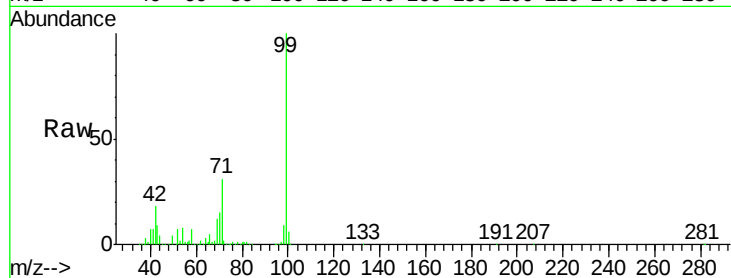
Tot Ion: 99 Resp: 1509543

Ion Ratio Lower Upper

99 100

42 17.9 16.9 25.3

71 31.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.553 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF119997.D

Acq: 15 Apr 2020 16:49

Tgt Ion: 70 Resp: 142999

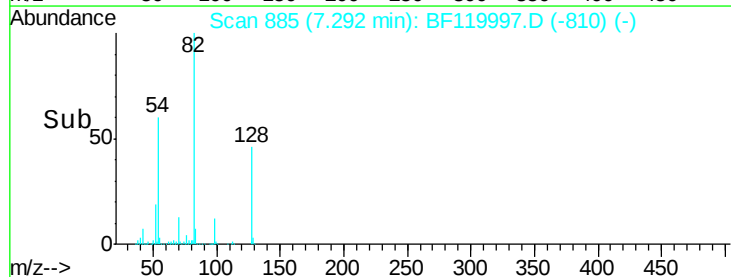
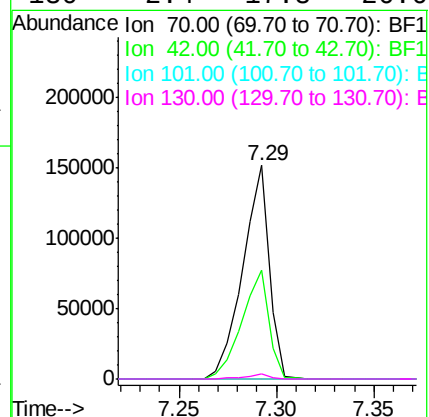
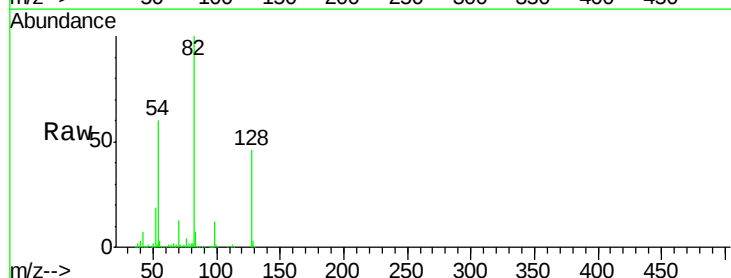
Ion Ratio Lower Upper

70 100

42 51.0 54.2 81.4#

101 0.0 7.4 11.2#

130 2.4 17.8 26.6#

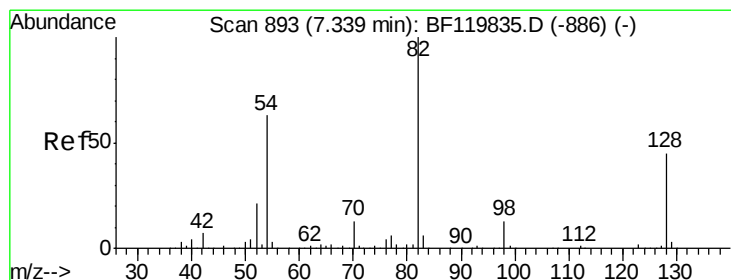
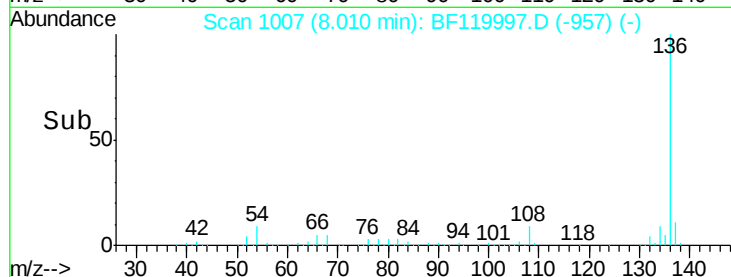
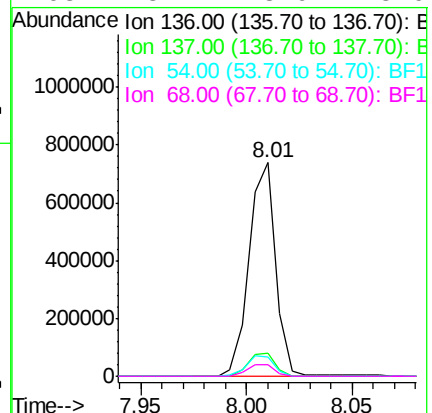
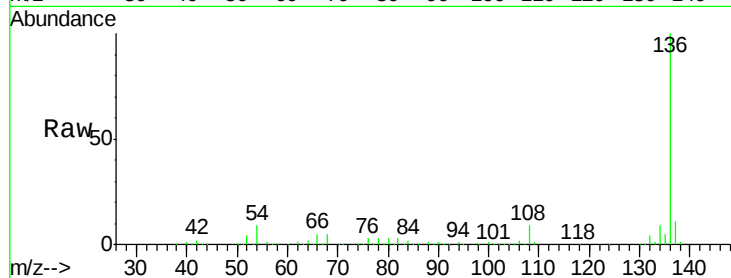




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119997.D
Acq: 15 Apr 2020 16:49

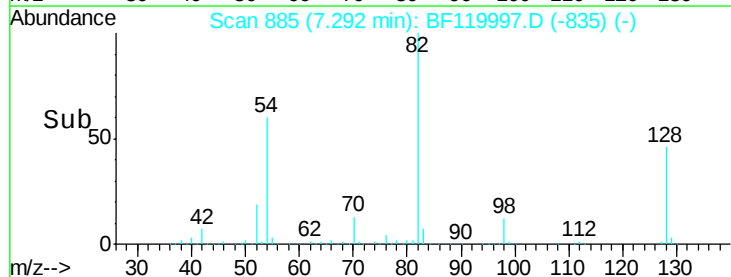
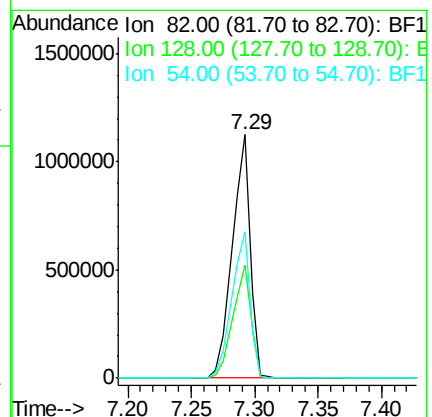
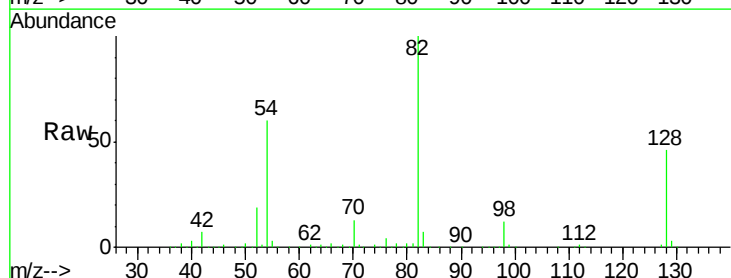
Instrument :
BNA_F
ClientSampled :
TP-21B

Tot Ion:136	Resp:	643905
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	9.2	8.5 12.7
68	5.2	3.9 5.9



#23
Nitrobenzene-d5
Concen: 88.456 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF119997.D
Acq: 15 Apr 2020 16:49

Tgt Ion: 82	Resp:	1100970
Ion	Ratio	Lower Upper
82	100	
128	46.4	36.2 54.4
54	59.9	50.4 75.6





#25

Isophorone

Concen: 45.701 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119997.D

Acq: 15 Apr 2020 16:49

Instrument :

BNA_F

ClientSampleId :

TP-21B

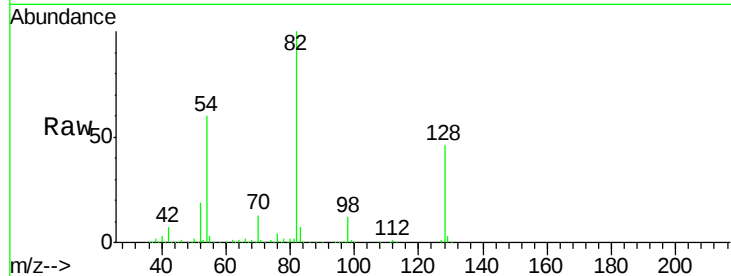
Tot Ion: 82 Resp: 1096508

Ion Ratio Lower Upper

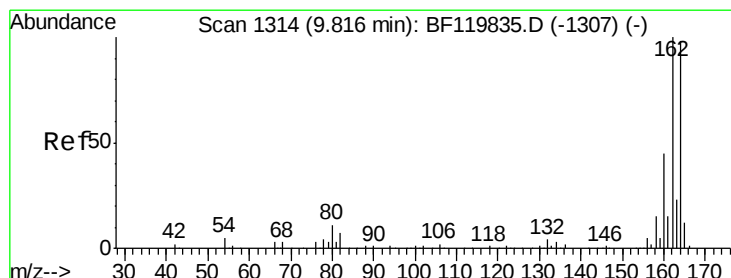
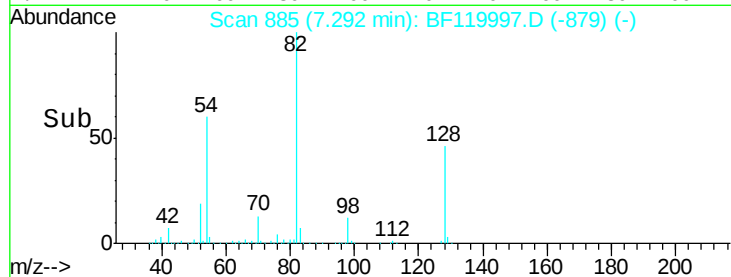
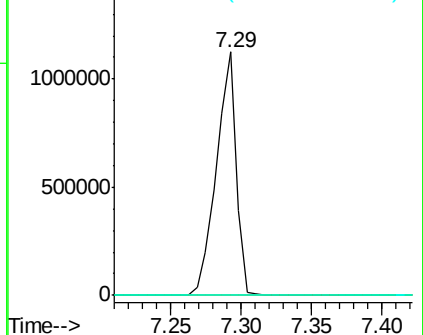
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF119997.D

Acq: 15 Apr 2020 16:49

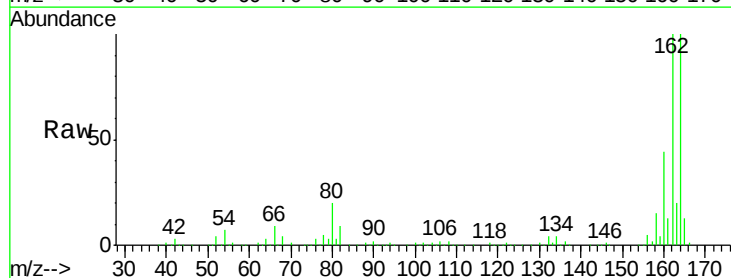
Tgt Ion:164 Resp: 348162

Ion Ratio Lower Upper

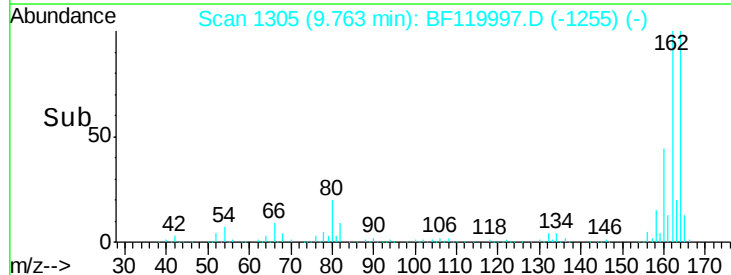
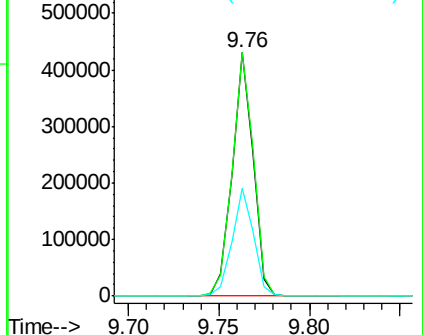
164 100

162 99.9 81.9 122.9

160 44.5 36.6 54.8



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

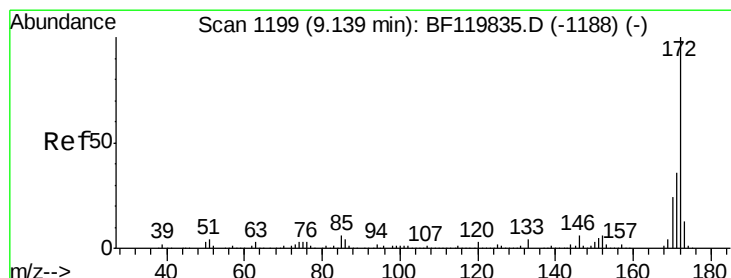
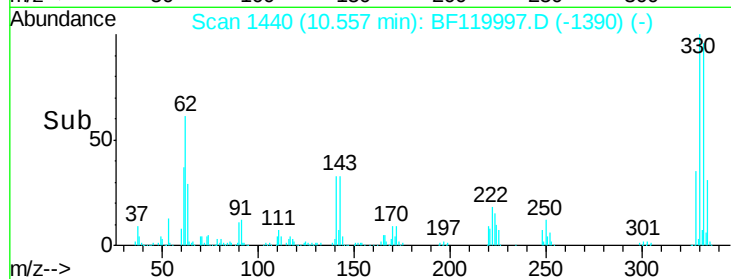
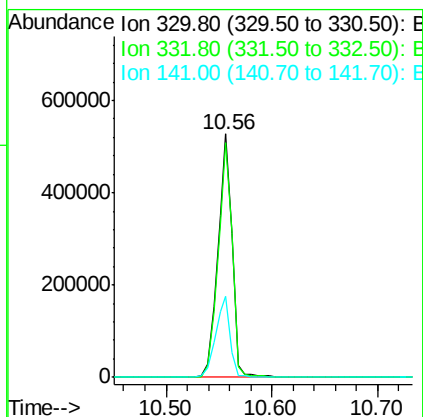
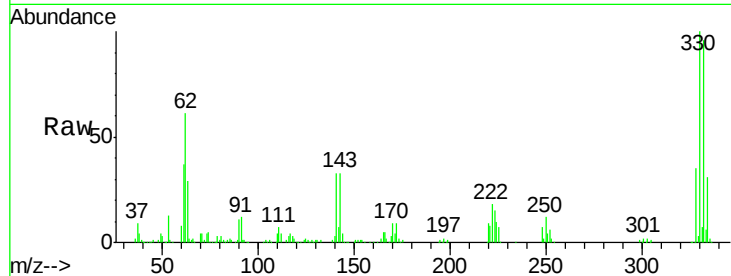




#42
 2,4,6-Tribromophenol
 Concen: 118.916 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

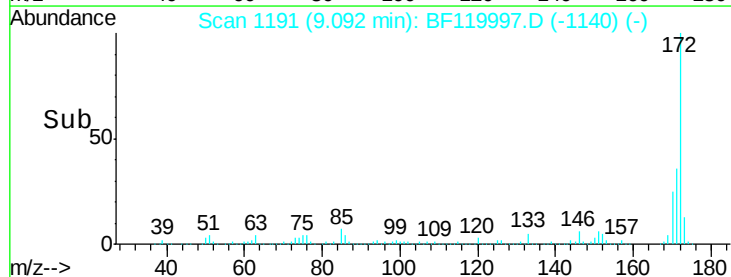
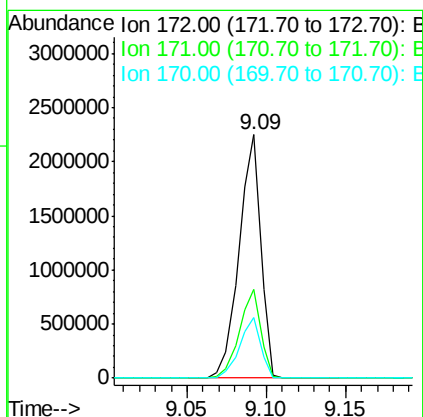
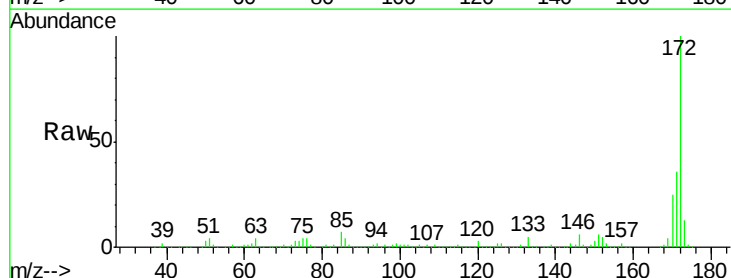
Instrument :
 BNA_F
 ClientSampleId :
 TP-21B

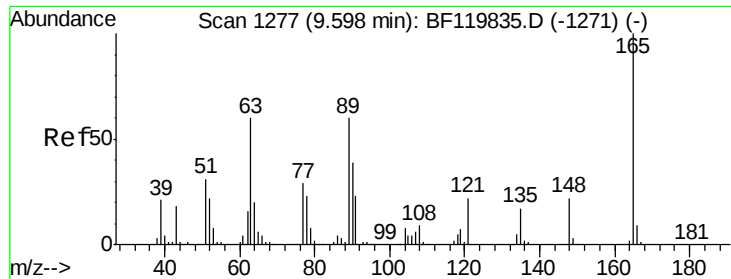
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	34.0	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 86.784 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.7	19.4	29.2





#51

2,6-Dinitrotoluene

Concen: 7.396 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.20 min

Lab File: BF119997.D

Acq: 15 Apr 2020 16:49

Instrument :

BNA_F

ClientSampleId :

TP-21B

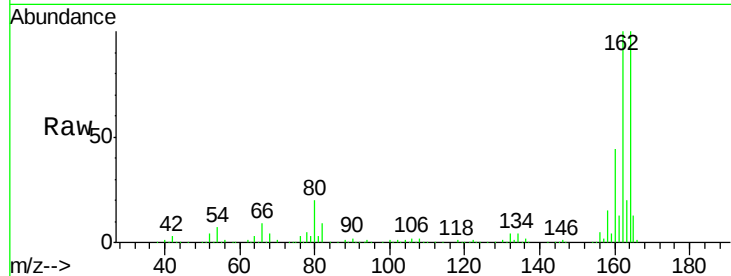
Tot Ion:165 Resp: 43616

Ion Ratio Lower Upper

165 100

63 2.0 55.6 83.4#

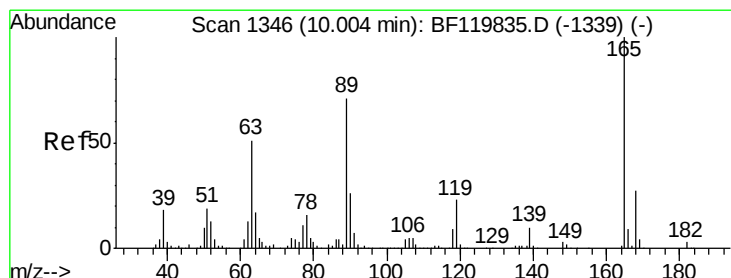
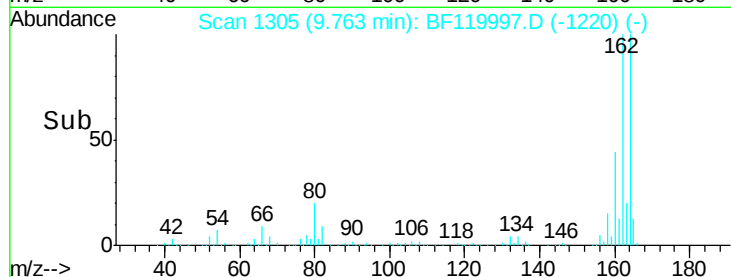
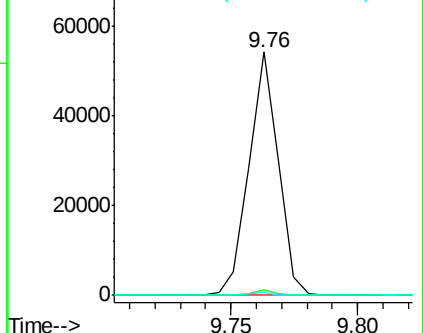
89 1.0 47.9 71.9#



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: 5.614 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.20 min

Lab File: BF119997.D

Acq: 15 Apr 2020 16:49

Tgt Ion:165 Resp: 43616

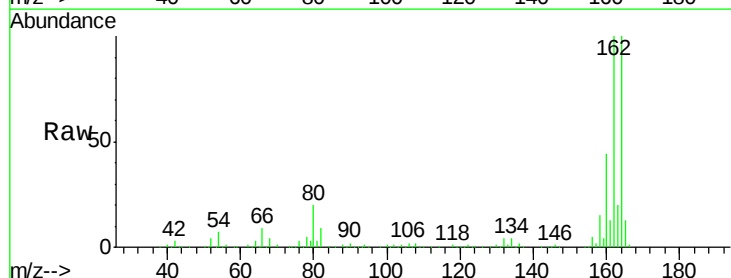
Ion Ratio Lower Upper

165 100

63 2.0 40.8 61.2#

89 1.0 56.9 85.3#

182 0.0 2.0 3.0#

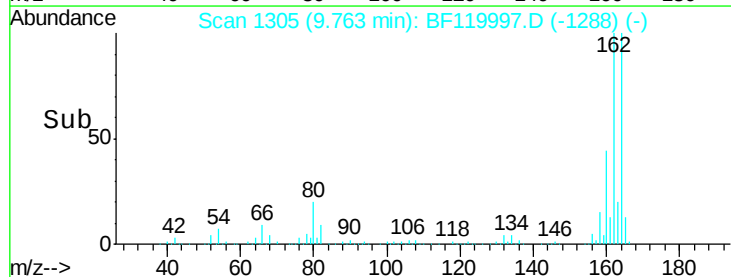
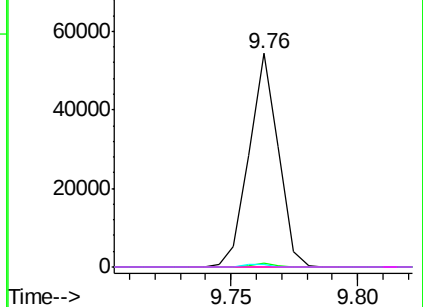


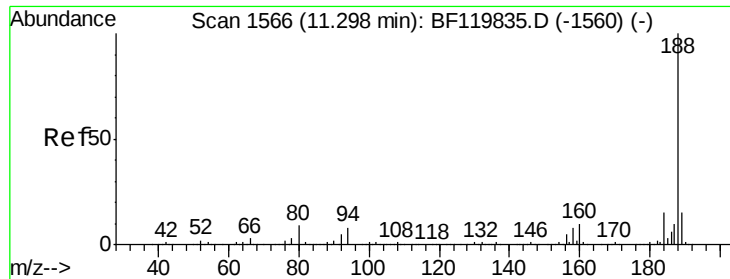
Abundance Ion 165.00 (164.70 to 165.70): E

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

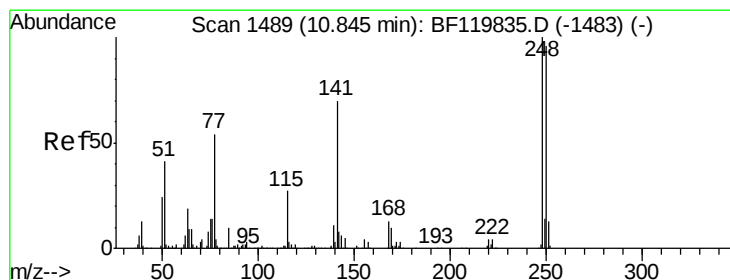
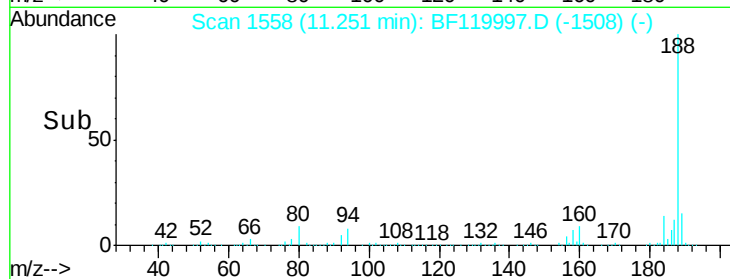
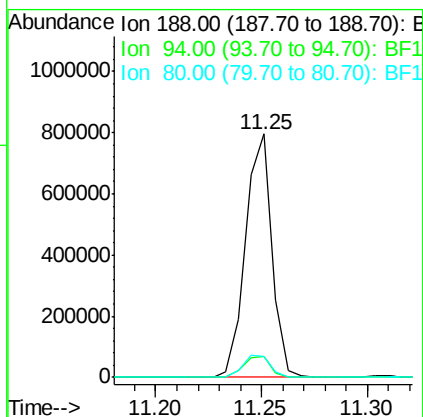
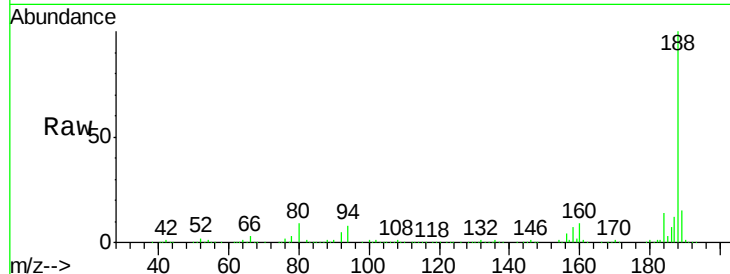




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

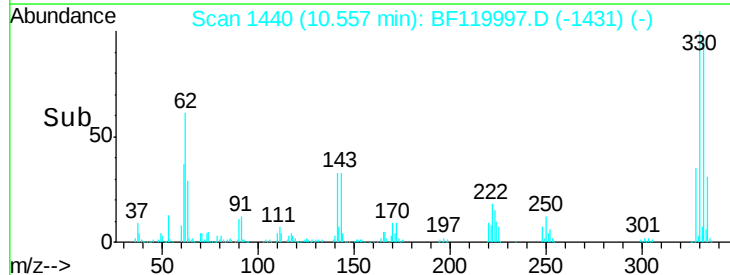
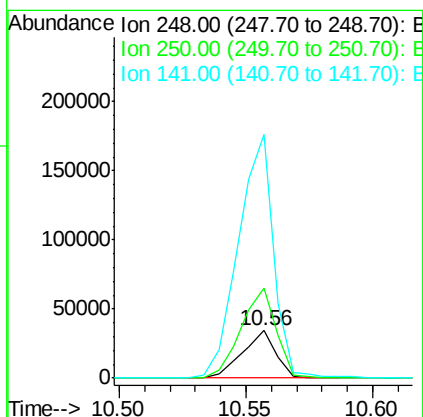
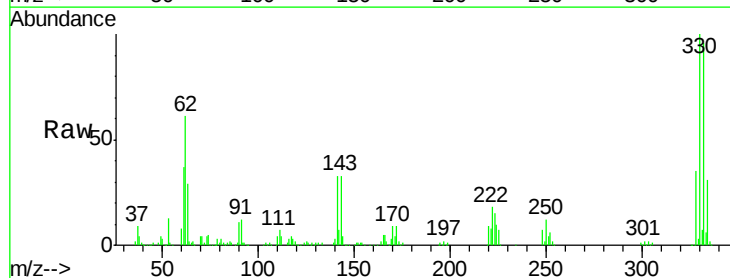
Instrument :
 BNA_F
 ClientSampleId :
 TP-21B

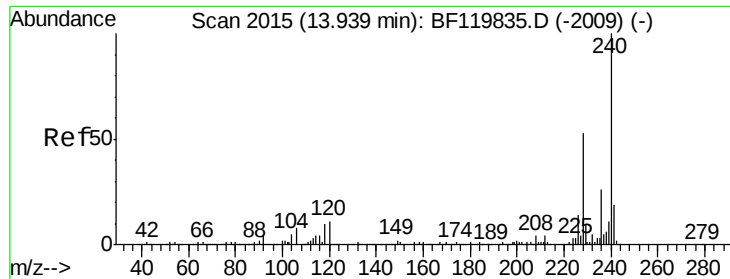
Tot Ion:188 Resp: 690855
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.7 10.1
 80 8.7 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.674 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

Tgt Ion:248 Resp: 31563
 Ion Ratio Lower Upper
 248 100
 250 188.7 76.6 114.8#
 141 510.9 55.9 83.9#

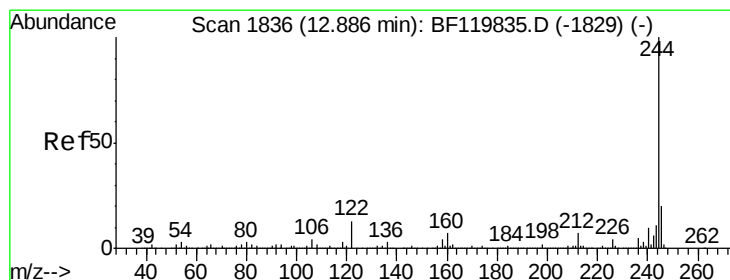
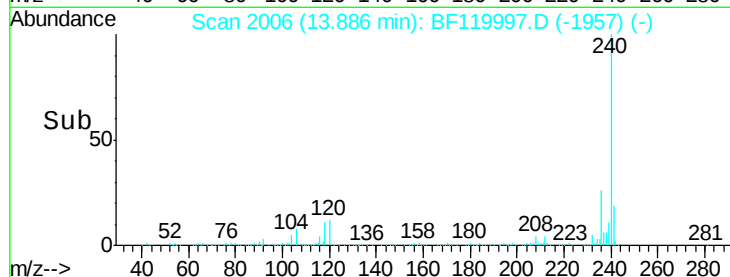
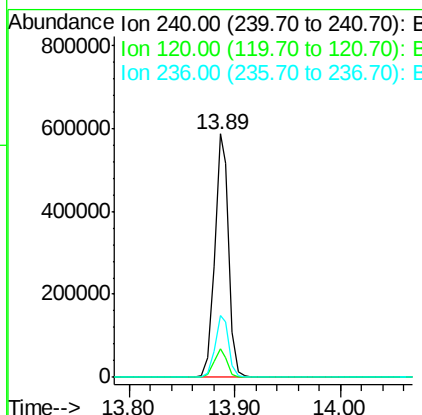
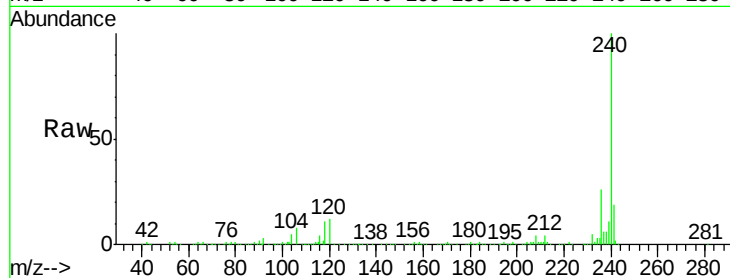




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

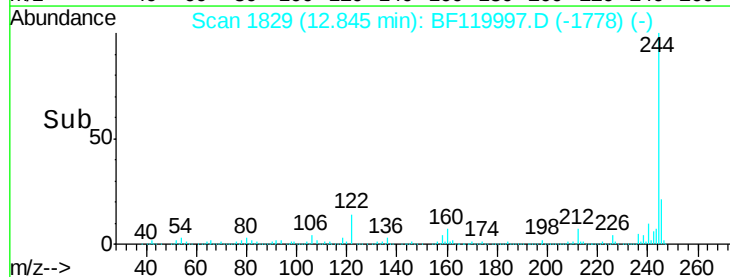
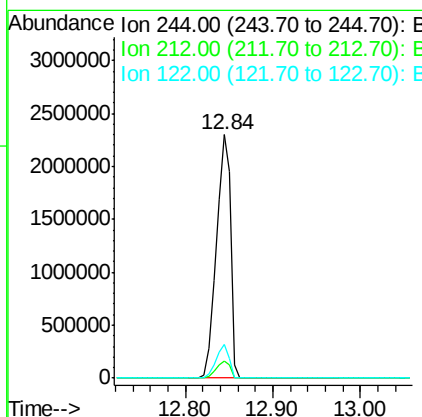
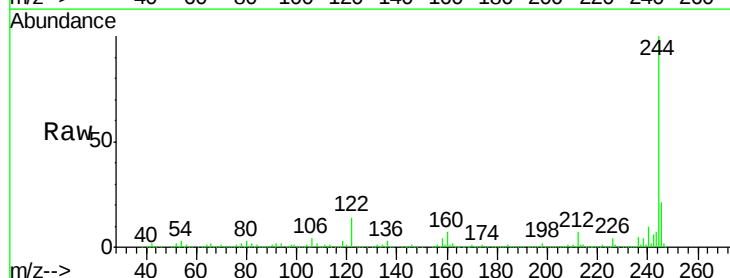
Instrument :
 BNA_F
 ClientSampleId :
 TP-21B

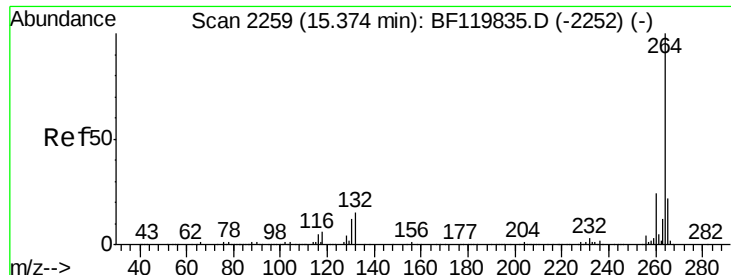
Tot Ion:240 Resp: 548349
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.0 13.6
 236 25.6 20.7 31.1



#79
 Terphenyl-d14
 Concen: 79.653 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

Tgt Ion:244 Resp: 2595767
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.7 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF119997.D
Acq: 15 Apr 2020 16:49

Instrument :
BNA_F
ClientSampleId :
TP-21B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.3	28.9
265	21.8	17.6	26.4

