

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119785.D
 Acq On : 6 Apr 2020 22:10
 Operator : MA/SJ
 Sample : L2129-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Apr 07 00:29:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

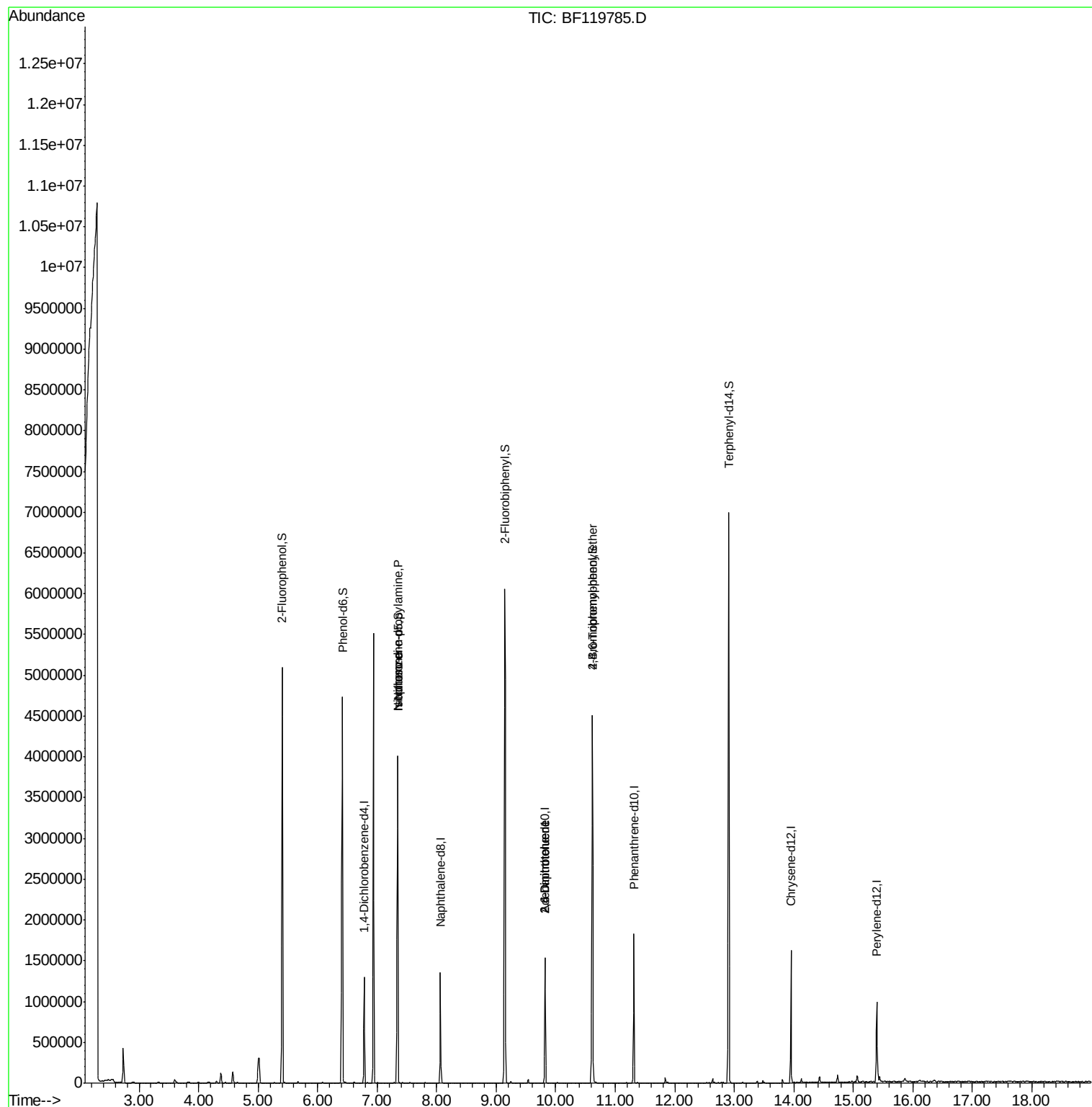
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	170403	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	642241	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	334260	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	661464	20.00	ng	0.00
76) Chrysene-d12	13.95	240	506264	20.00	ng	0.00
87) Perylene-d12	15.39	264	457563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1515087	141.54	ng	0.02
7) Phenol-d6	6.42	99	1739835	127.24	ng	0.00
23) Nitrobenzene-d5	7.35	82	1260327	106.65	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	636672	184.63	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2485690	110.17	ng	0.00
79) Terphenyl-d14	12.91	244	2844998	110.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	166353	20.18	ng	# 76
25) Isophorone	7.35	82	1260317	52.58	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	43057	8.46	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	43057	6.72	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	39517	5.25	ng	# 1

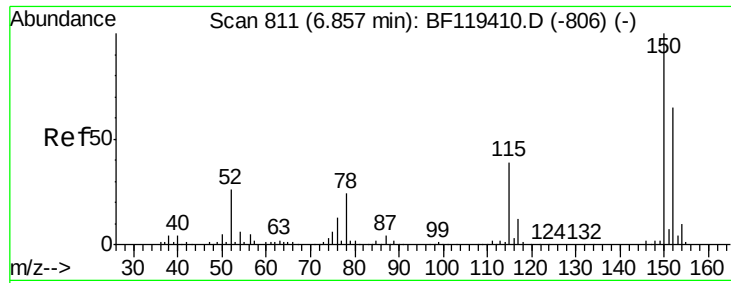
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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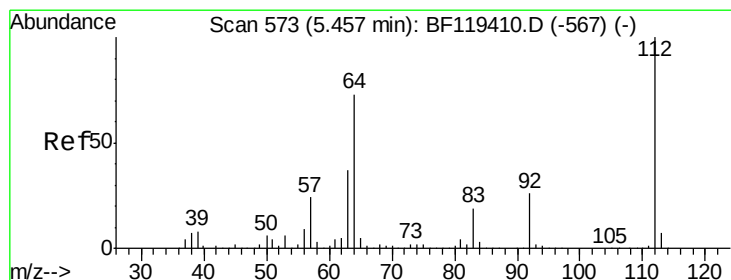
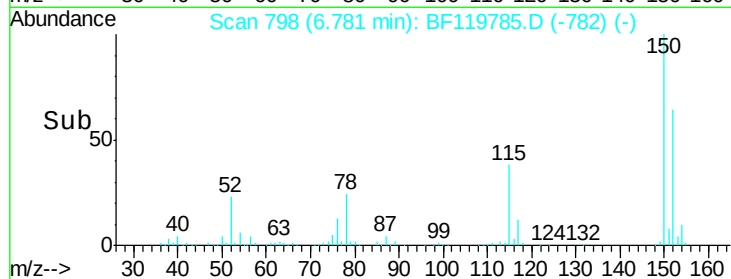
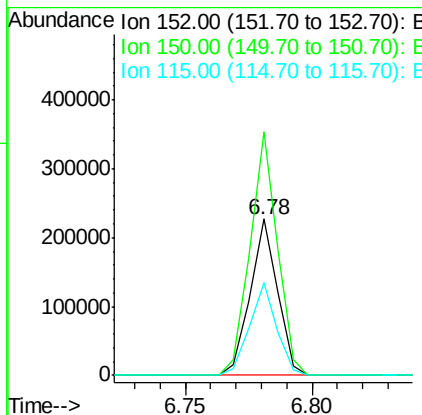
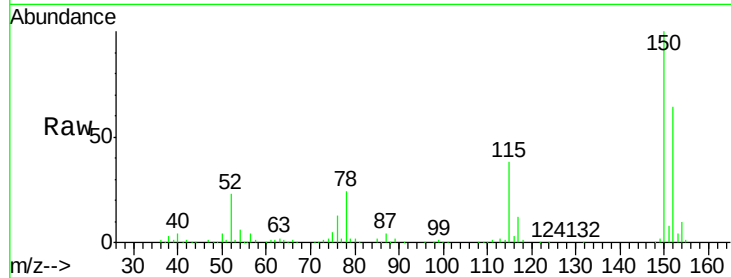


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

Instrument :
BNA_F
ClientSampleId :
TP-7

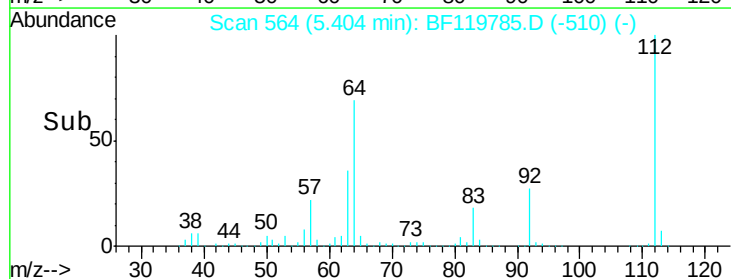
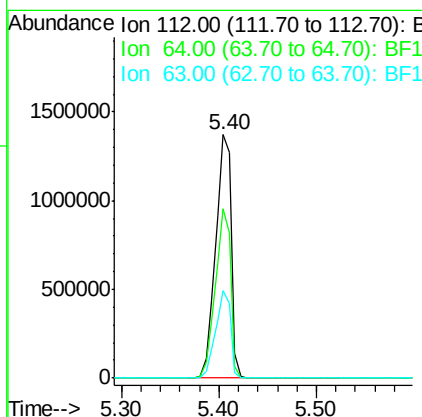
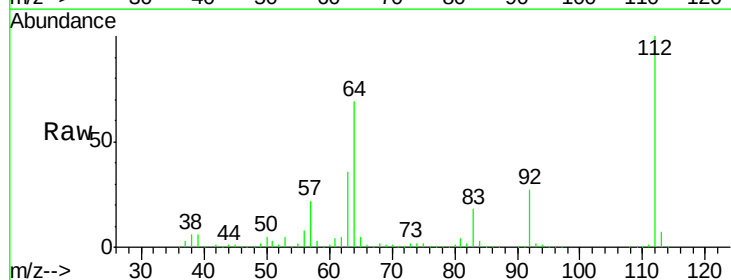
Tgt Ion:152 Resp: 170403
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 59.2 49.6 74.4

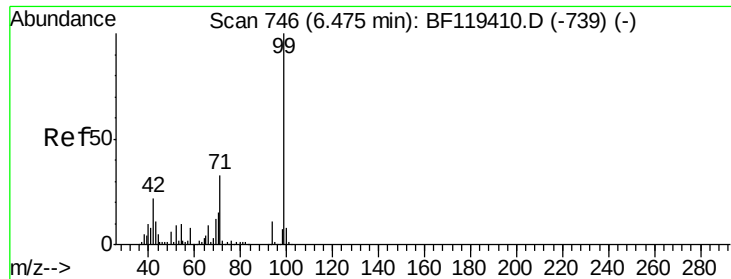


#5

2-Fluorophenol
Concen: 141.54 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

Tgt Ion:112 Resp: 1515087
Ion Ratio Lower Upper
112 100
64 69.3 56.7 85.1
63 35.7 29.5 44.3





#7

Phenol-d6

Concen: 127.24 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119785.D

Acq: 6 Apr 2020 22:10

Instrument :

BNA_F

ClientSampleId :

TP-7

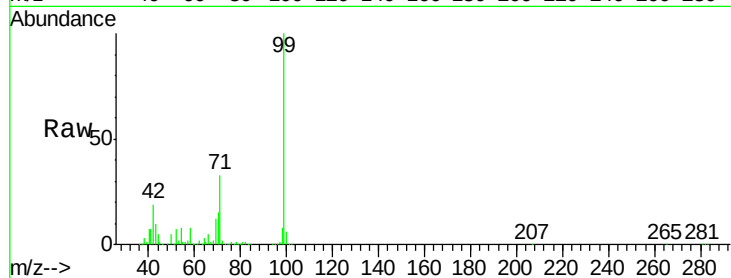
Tgt Ion: 99 Resp: 1739835

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

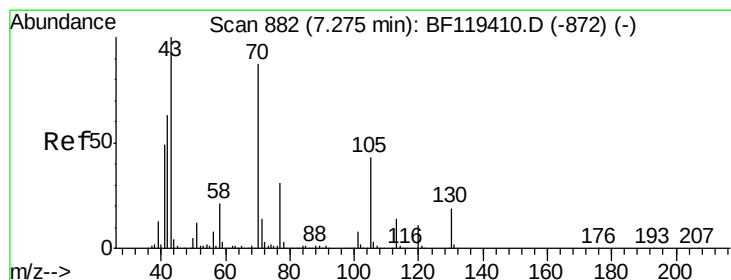
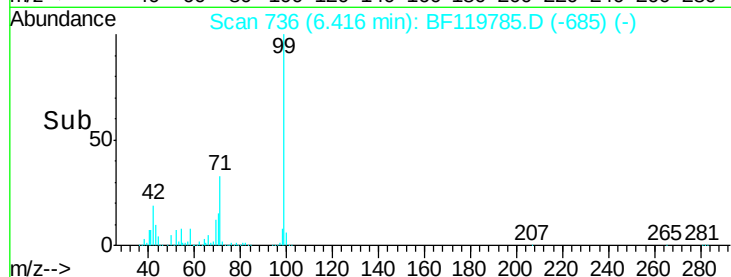
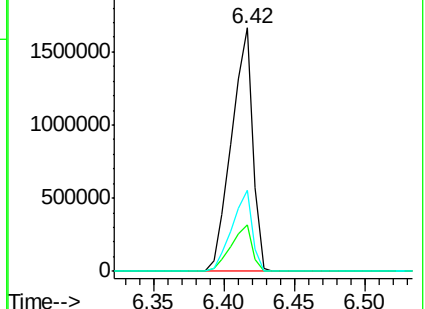
71 33.0 26.4 39.6



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: 20.18 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119785.D

Acq: 6 Apr 2020 22:10

Tgt Ion: 70 Resp: 166353

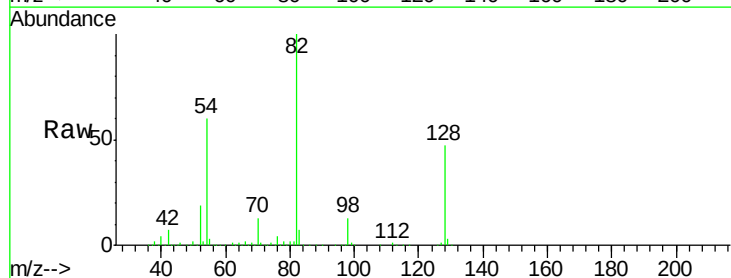
Ion Ratio Lower Upper

70 100

42 53.8 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

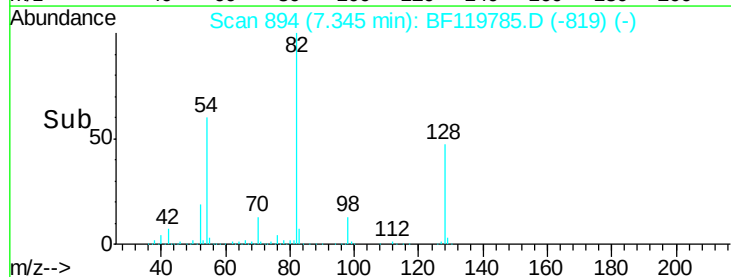
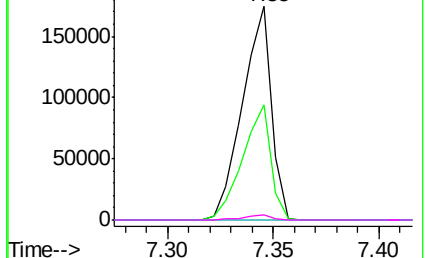


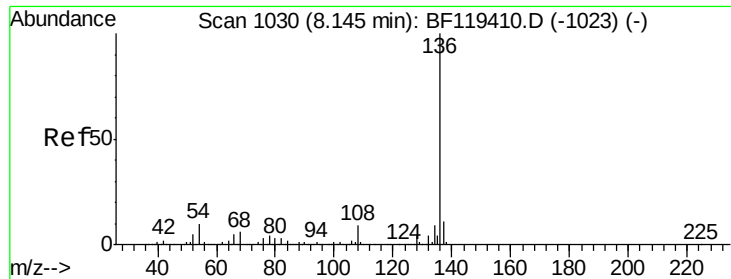
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

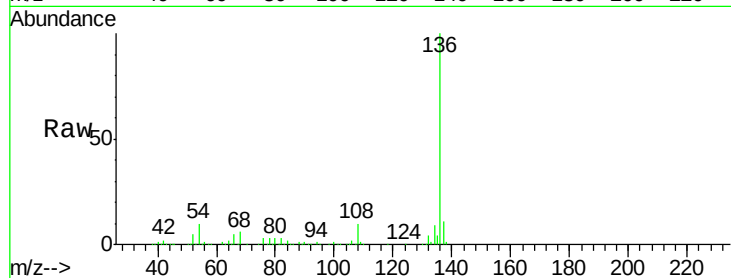




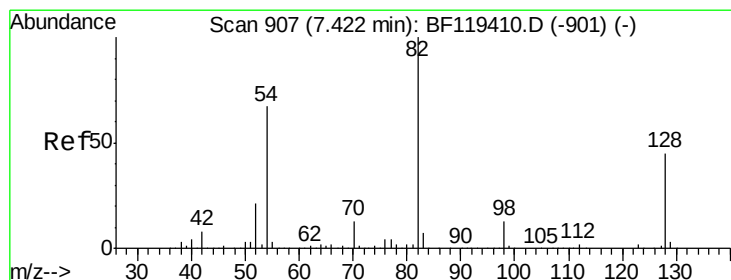
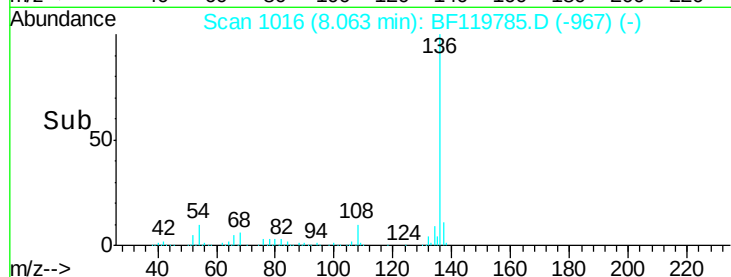
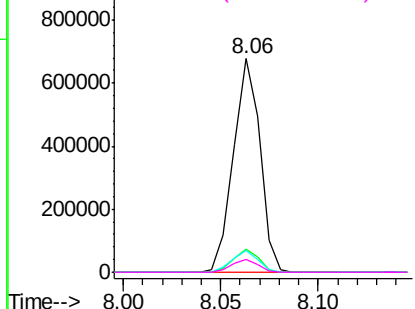
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

Instrument :
BNA_F
ClientSampled :
TP-7

Tgt Ion:	136	Resp:	642241
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.3	9.1	13.7
68	5.8	4.6	6.8

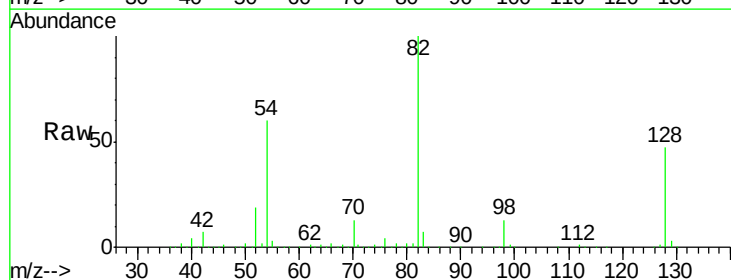


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

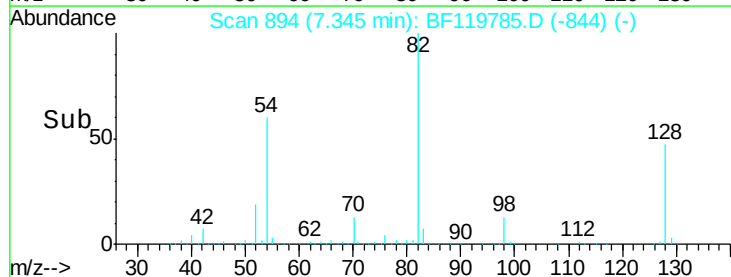
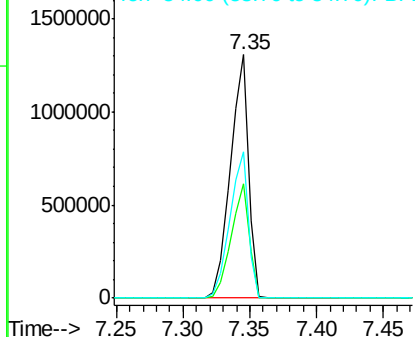


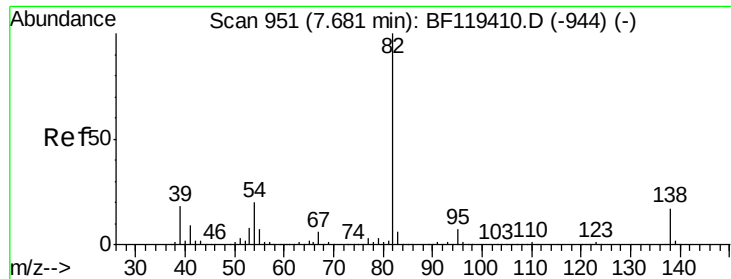
#23
Nitrobenzene-d5
Concen: 106.65 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

Tgt Ion:	82	Resp:	1260327
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	60.2	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: 52.58 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119785.D

Acq: 6 Apr 2020 22:10

Instrument :

BNA_F

ClientSampleId :

TP-7

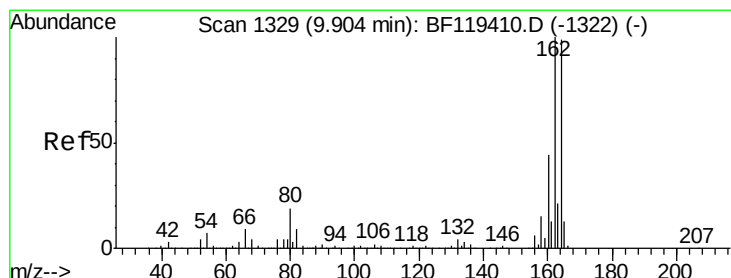
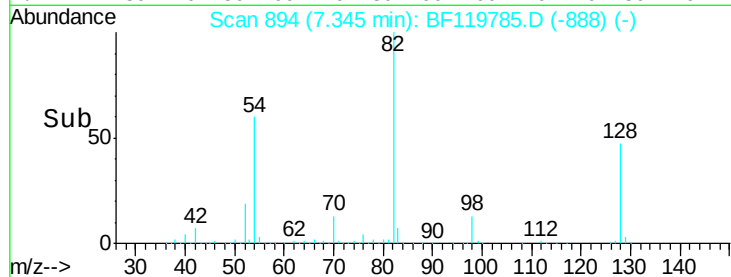
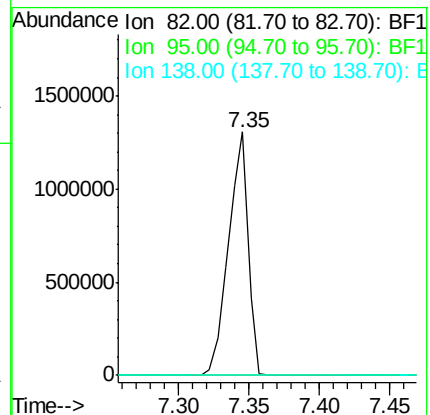
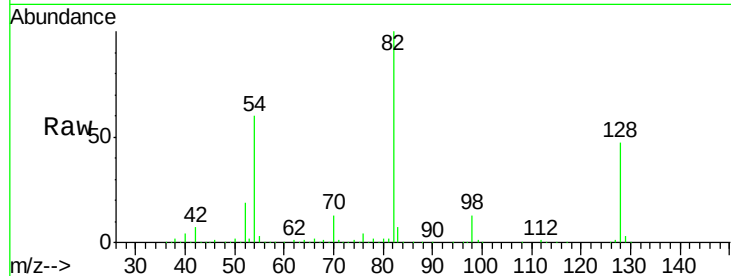
Tgt Ion: 82 Resp: 1260317

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119785.D

Acq: 6 Apr 2020 22:10

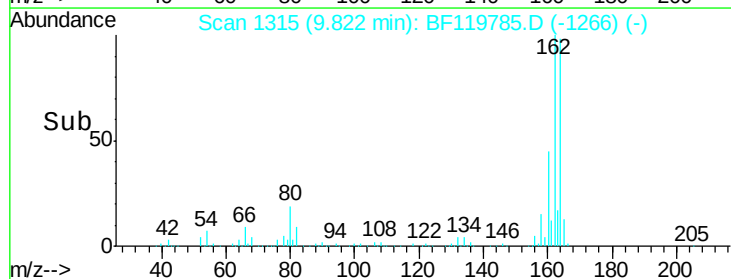
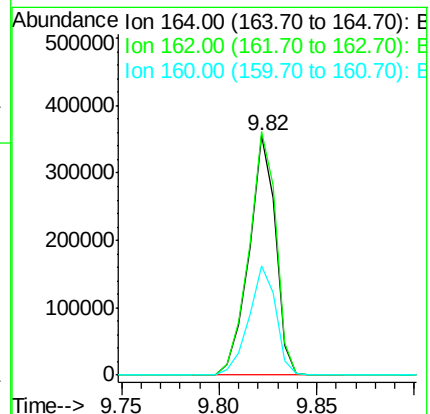
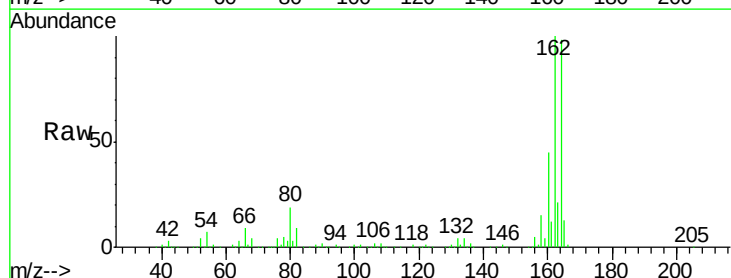
Tgt Ion: 164 Resp: 334260

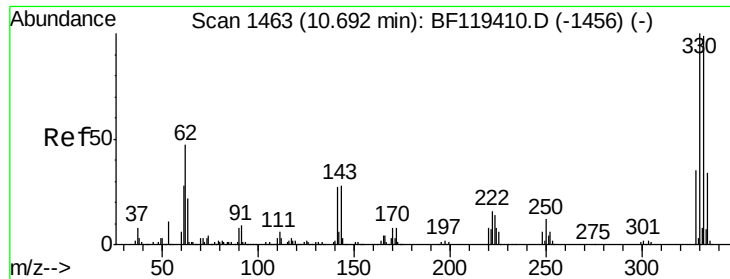
Ion Ratio Lower Upper

164 100

162 101.7 80.6 121.0

160 45.8 35.7 53.5

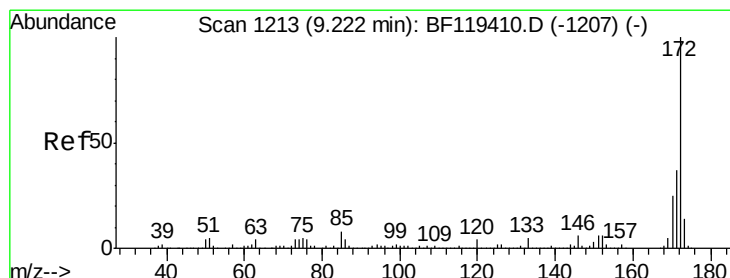
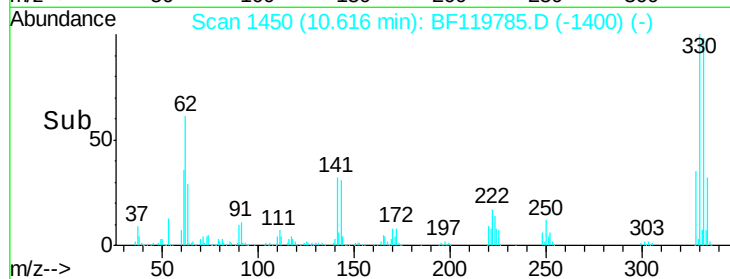
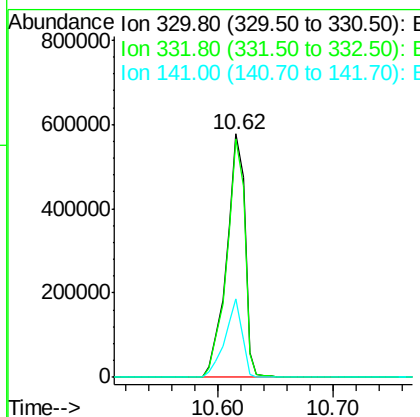
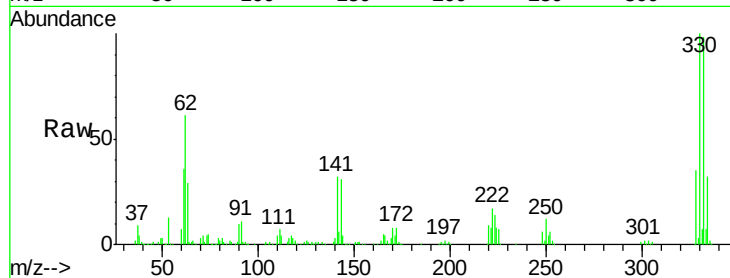




#42
 2,4,6-Tribromophenol
 Concen: 184.63 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119785.D
 Acq: 6 Apr 2020 22:10

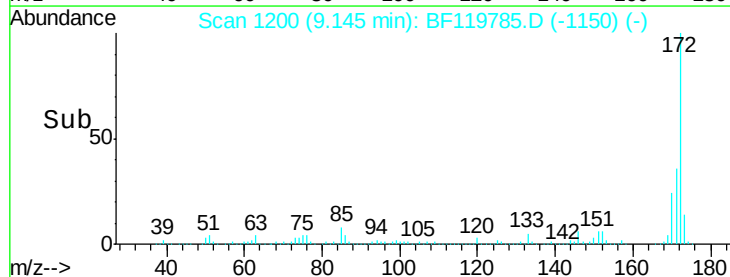
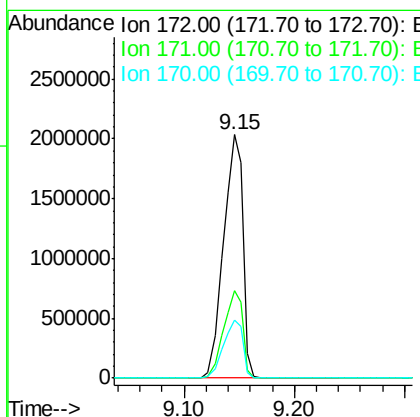
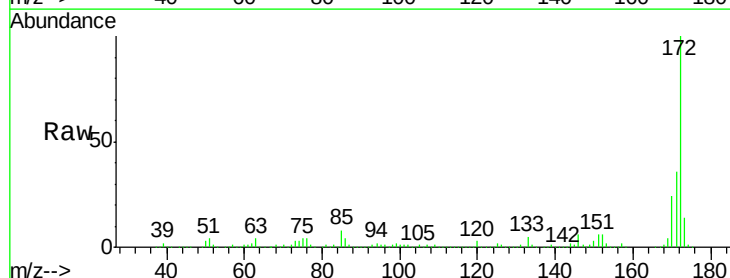
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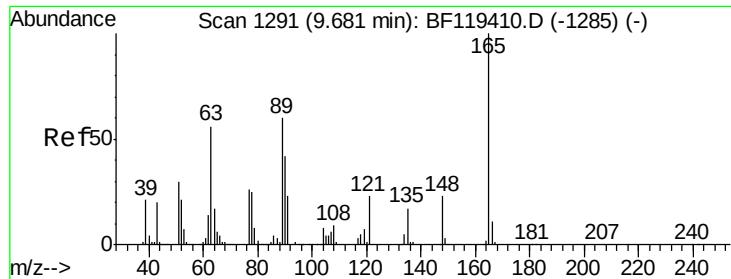
Tgt Ion:330 Resp: 636672
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.7 113.5
 141 30.3 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 110.17 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119785.D
 Acq: 6 Apr 2020 22:10

Tgt Ion:172 Resp: 2485690
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.1 20.2 30.2

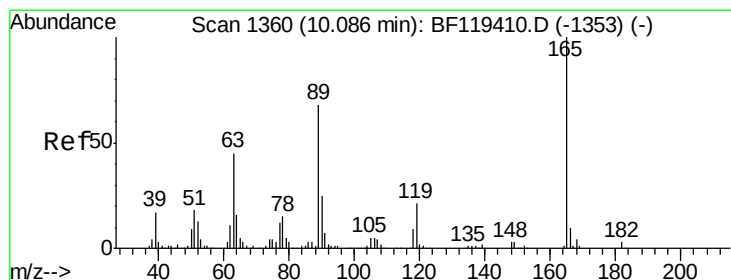
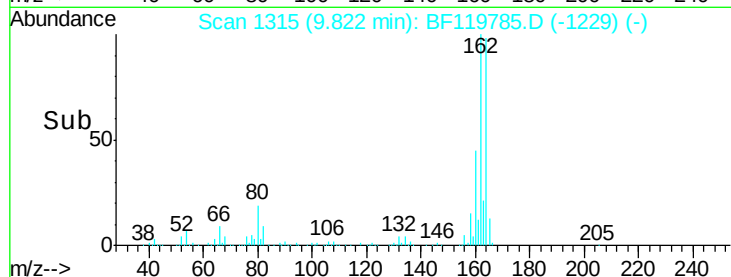
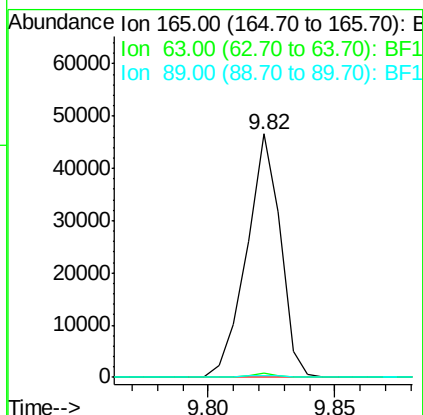
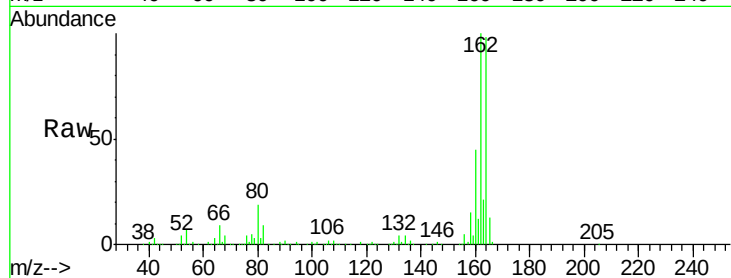




#51
 2,6-Dinitrotoluene
 Concen: 8.46 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119785.D
 Acq: 6 Apr 2020 22:10

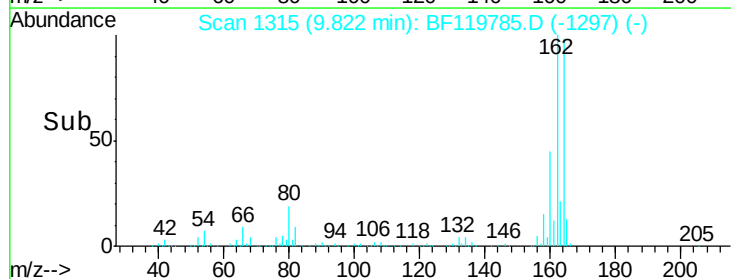
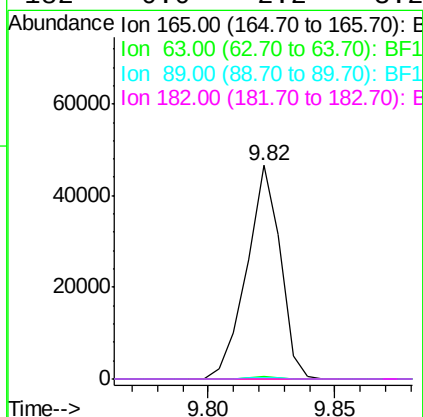
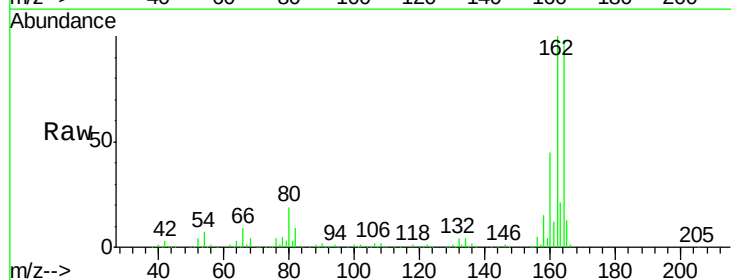
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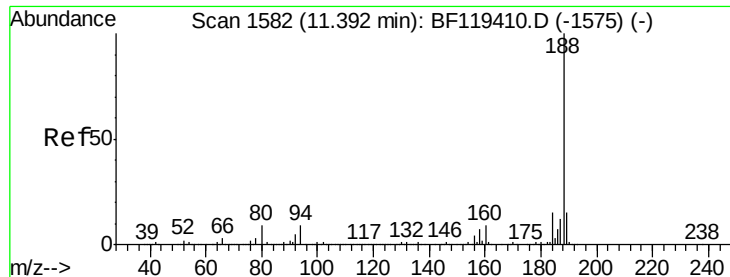
Tgt Ion:165 Resp: 43057
 Ion Ratio Lower Upper
 165 100
 63 1.5 45.0 67.4#
 89 0.9 41.5 62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.72 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119785.D
 Acq: 6 Apr 2020 22:10

Tgt Ion:165 Resp: 43057
 Ion Ratio Lower Upper
 165 100
 63 1.5 42.6 64.0#
 89 0.9 61.0 91.4#
 182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF119785.D

Acq: 6 Apr 2020 22:10

Instrument :

BNA_F

ClientSampled :

TP-7

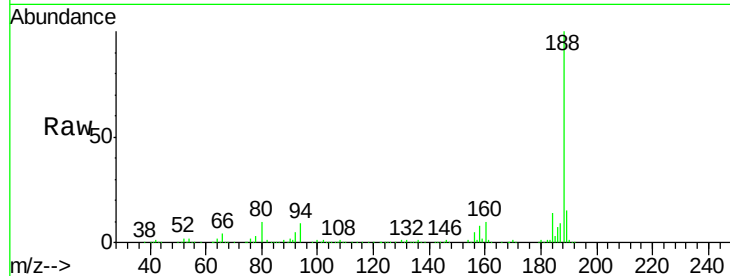
Tgt Ion:188 Resp: 661464

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

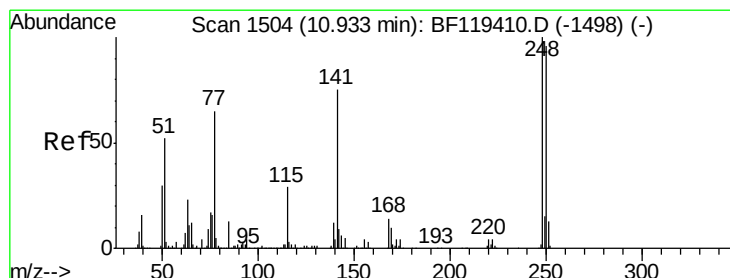
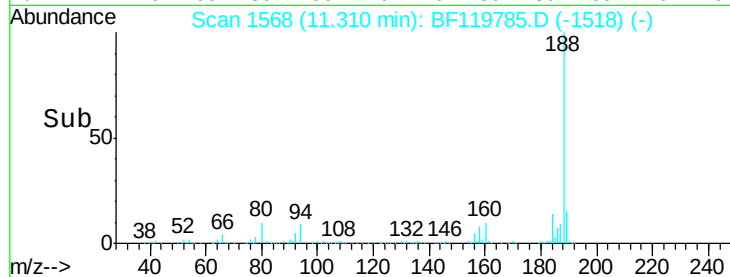
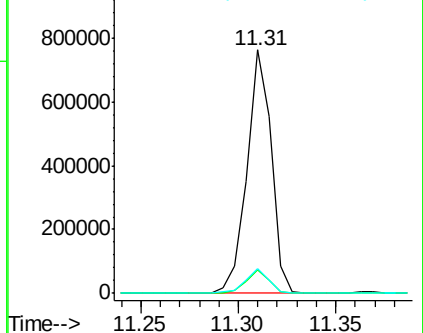
80 10.2 9.0 13.4



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: 5.25 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.25 min

Lab File: BF119785.D

Acq: 6 Apr 2020 22:10

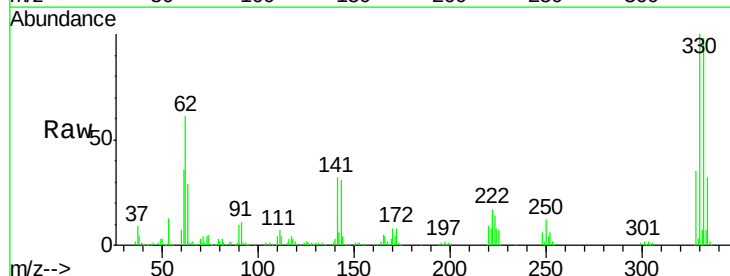
Tgt Ion:248 Resp: 39517

Ion Ratio Lower Upper

248 100

250 193.7 77.3 115.9#

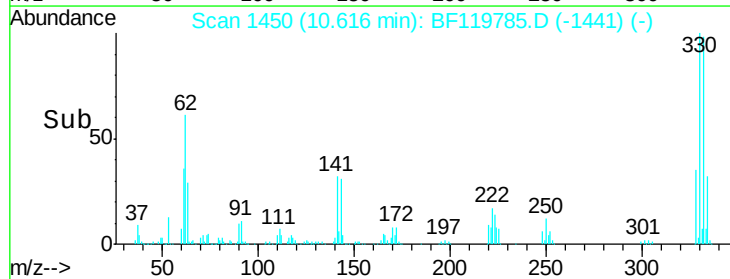
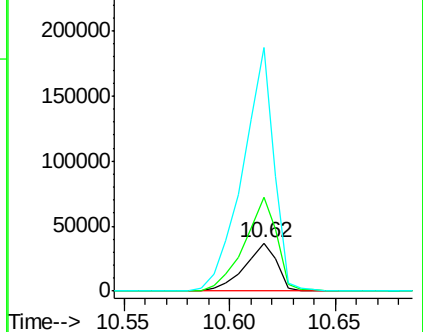
141 502.9 58.6 87.8#

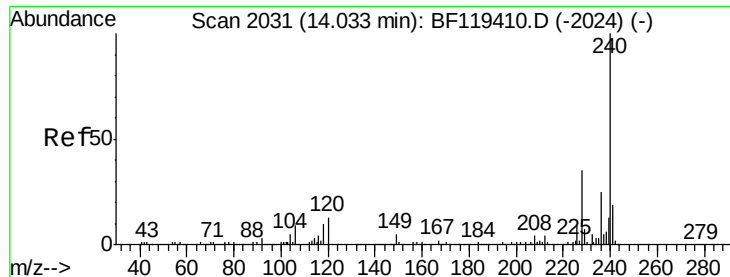


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

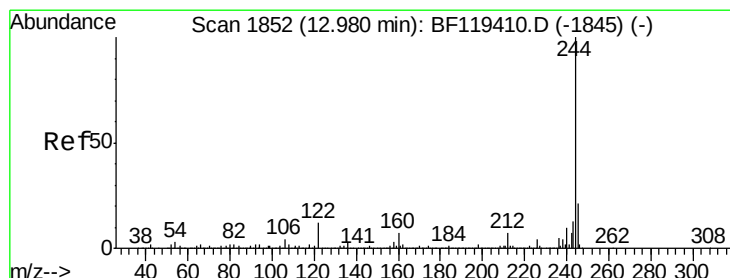
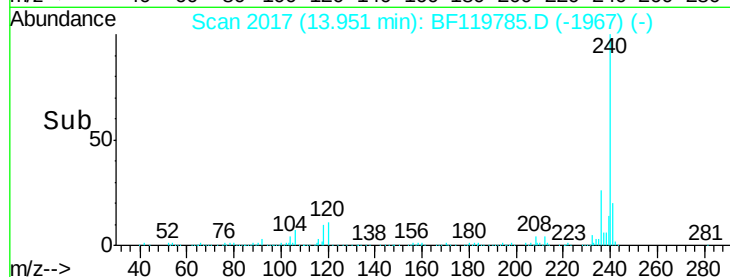
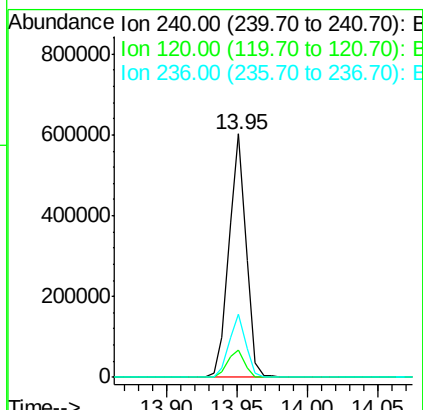
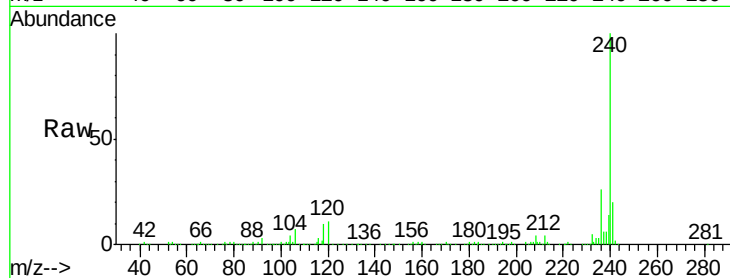




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

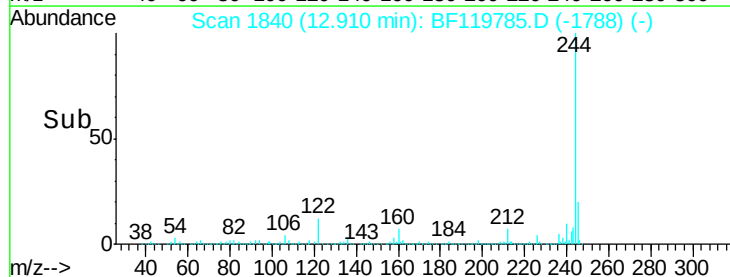
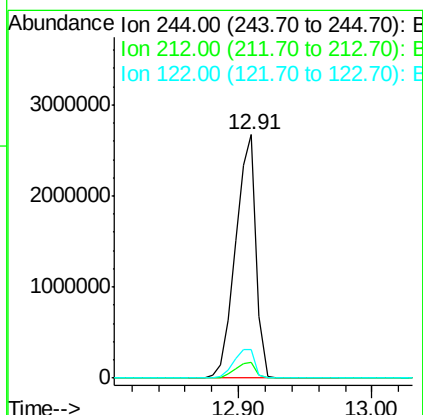
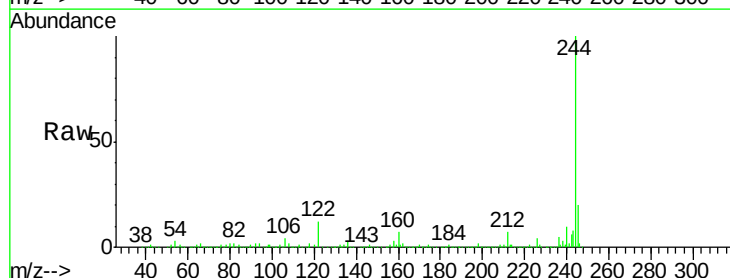
Instrument :
BNA_F
ClientSampleId :
TP-7

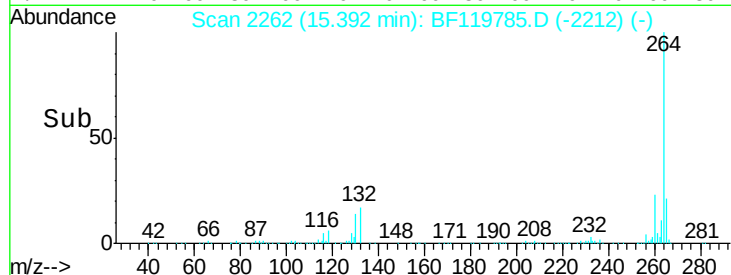
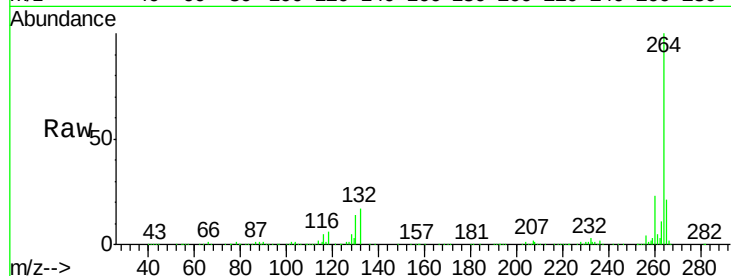
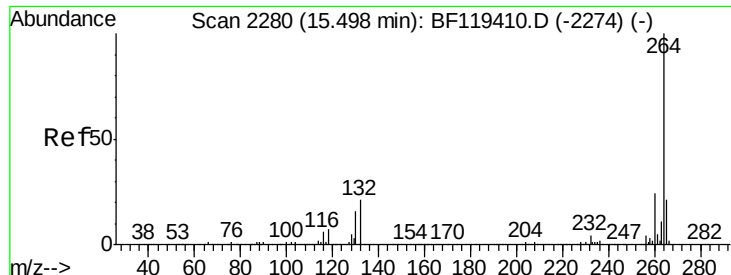
Tgt Ion:240 Resp: 506264
Ion Ratio Lower Upper
240 100
120 11.1 10.6 15.8
236 26.1 20.2 30.2



#79
Terphenyl-d14
Concen: 110.10 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

Tgt Ion:244 Resp: 2844998
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 11.8 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:	264	Resp:	457563
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.8	17.7	26.5

