

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120145.D
 Acq On : 22 Apr 2020 21:37
 Operator : MA/SJ
 Sample : L2357-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Apr 23 02:44:54 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 22 11:49:00 2020
 Response via : Initial Calibration

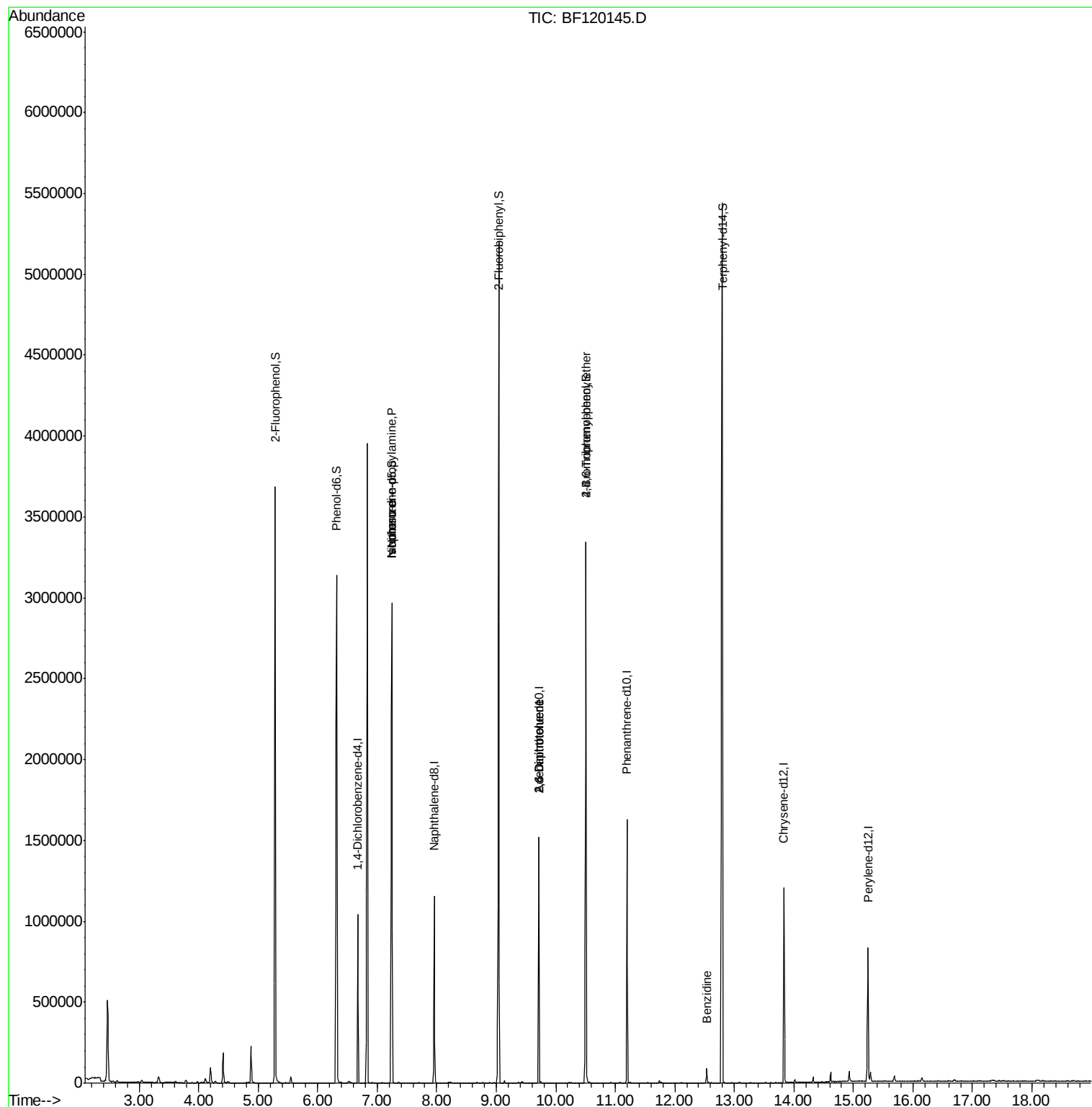
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	139135	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	545806	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	284202	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	556665	20.00	ng	0.00
76) Chrysene-d12	13.84	240	423610	20.00	ng	-0.01
87) Perylene-d12	15.24	264	339219	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1026722	127.53	ng	0.00
7) Phenol-d6	6.32	99	1171202	112.90	ng	-0.01
23) Nitrobenzene-d5	7.25	82	963544	91.33	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	422035	121.29	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1853398	92.59	ng	0.00
79) Terphenyl-d14	12.80	244	2244367	89.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	1358	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.25	70	121891	18.272 ng	#	75
25) Isophorone	7.25	82	962281	47.315 ng	#	65
51) 2,6-Dinitrotoluene	9.72	165	37080	7.703 ng	#	26
57) 2,4-Dinitrotoluene	9.72	165	37080	5.846 ng	#	20
67) 4-Bromophenyl-phenylether	10.50	248	26420	3.816 ng	#	1
77) Benizidine	12.53	184	35188	2.457 ng		99

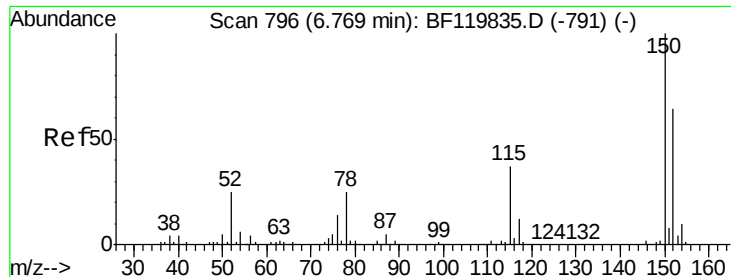
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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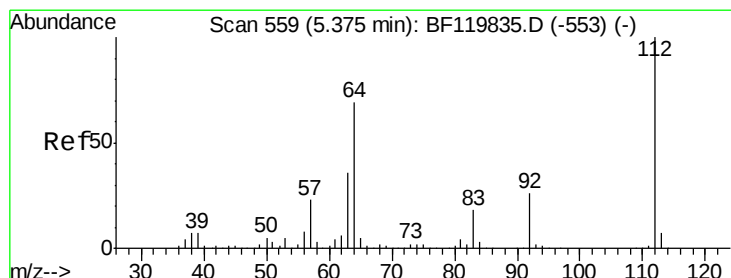
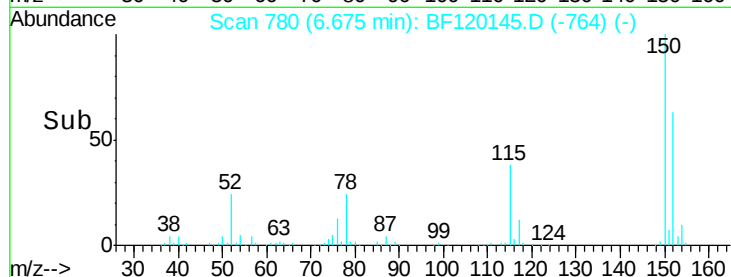
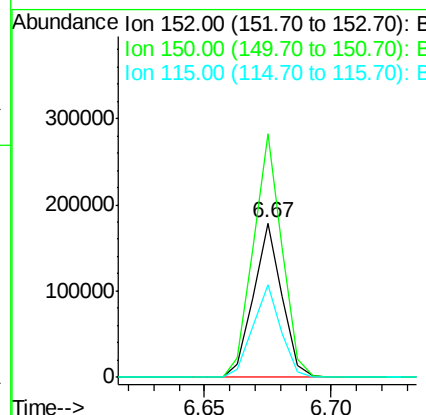
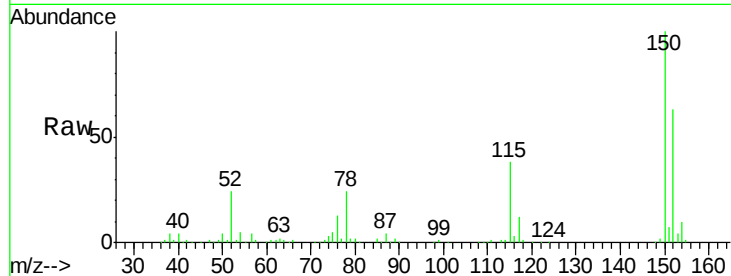




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

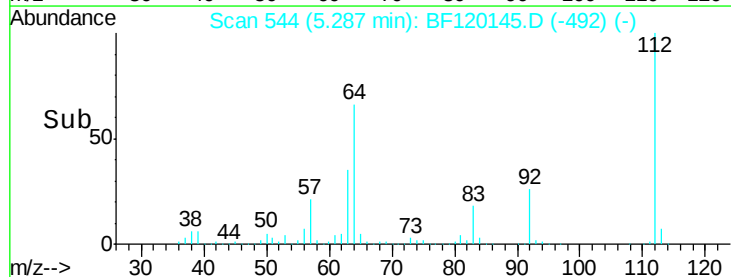
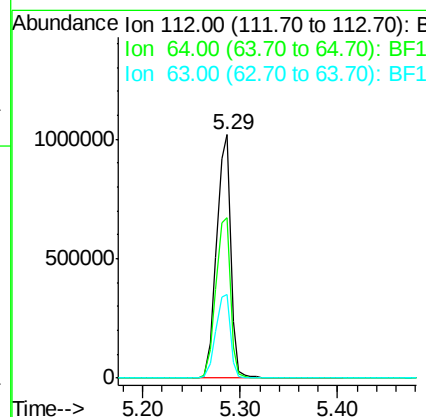
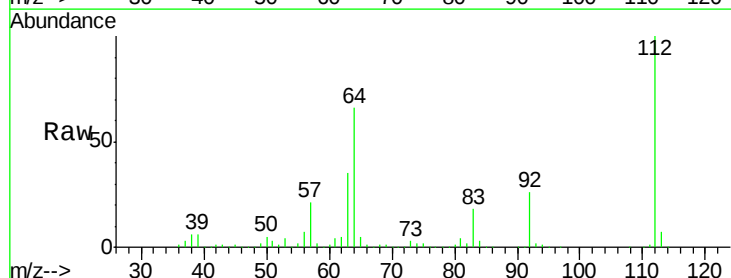
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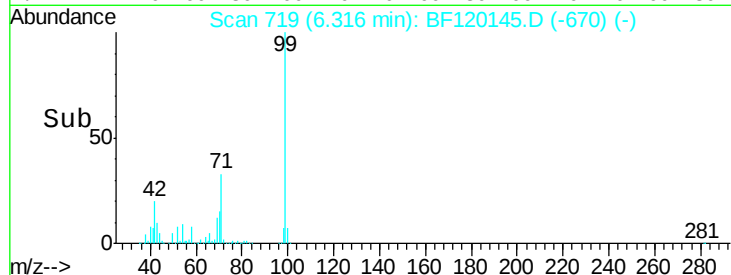
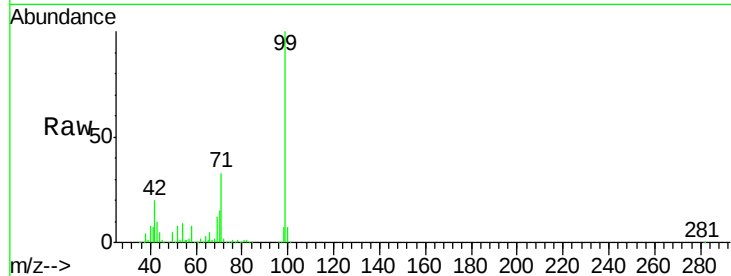
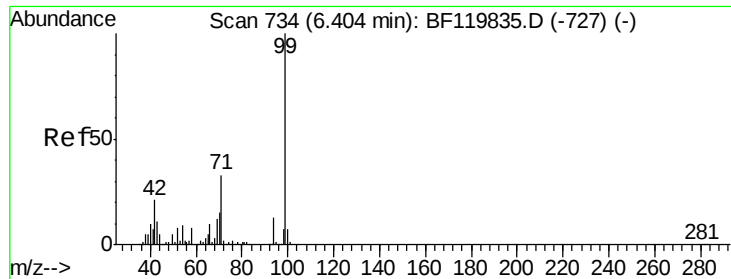
Tot Ion:152 Resp: 139135
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.5 186.7
 115 59.8 49.6 74.4



#5
 2-Fluorophenol
 Concen: 127.528 ng
 RT: 5.29 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

Tgt Ion:112 Resp: 1026722
 Ion Ratio Lower Upper
 112 100
 64 66.0 56.7 85.1
 63 34.5 29.5 44.3





#7

Phenol-d6

Concen: 112.898 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120145.D

Acq: 22 Apr 2020 21:37

Instrument :

BNA_F

ClientSampleId :

TP-6

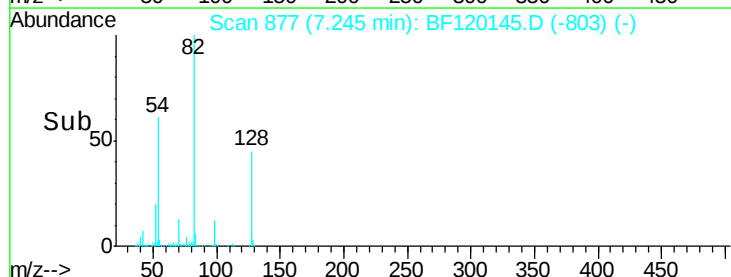
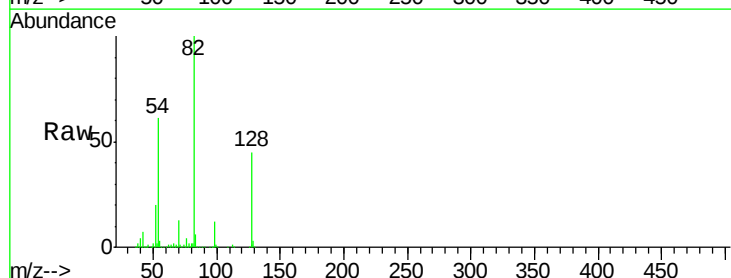
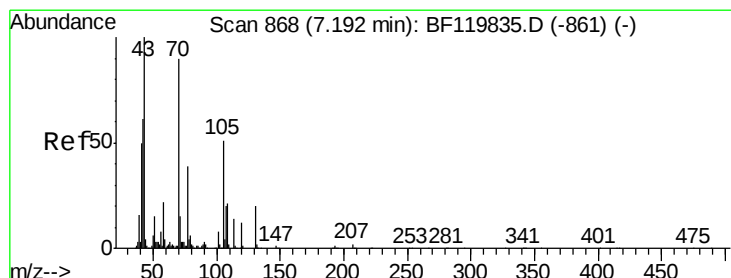
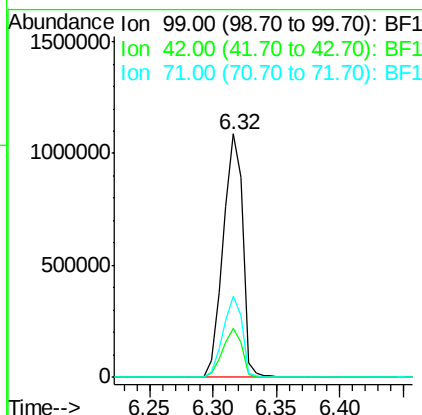
Tot Ion: 99 Resp: 1171202

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

71 33.3 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.272 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF120145.D

Acq: 22 Apr 2020 21:37

Tgt Ion: 70 Resp: 121891

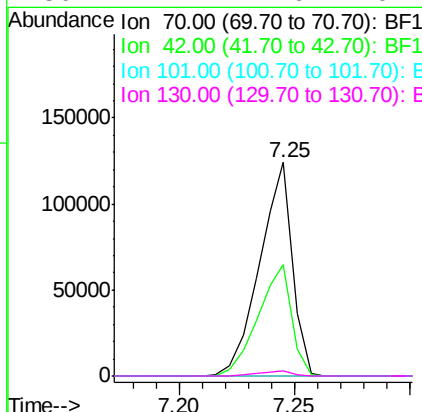
Ion Ratio Lower Upper

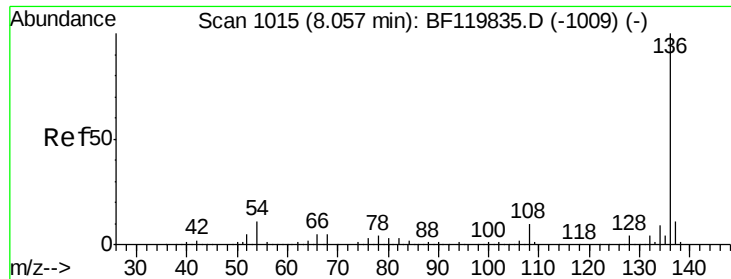
70 100

42 52.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

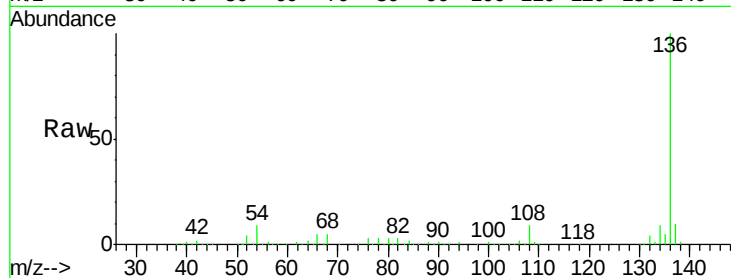




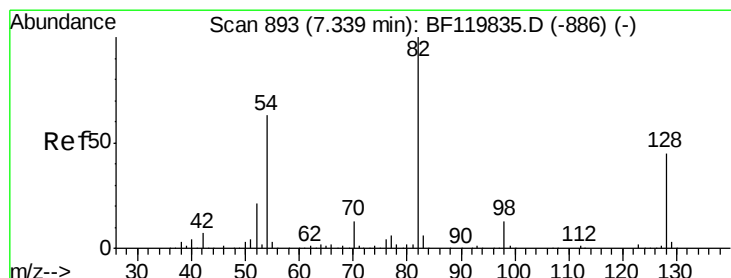
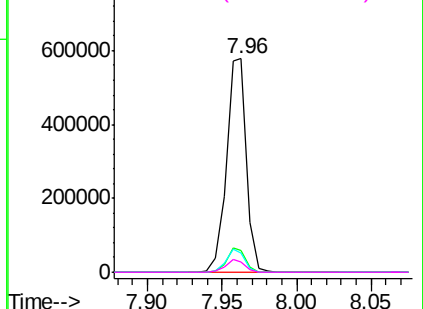
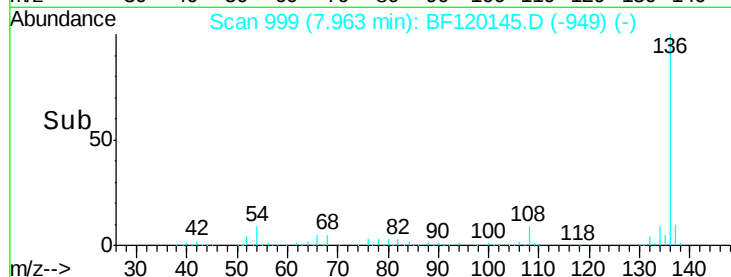
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120145.D
Acq: 22 Apr 2020 21:37

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion:136	Resp:	545806
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	9.2	9.1 13.7
68	4.9	4.6 6.8

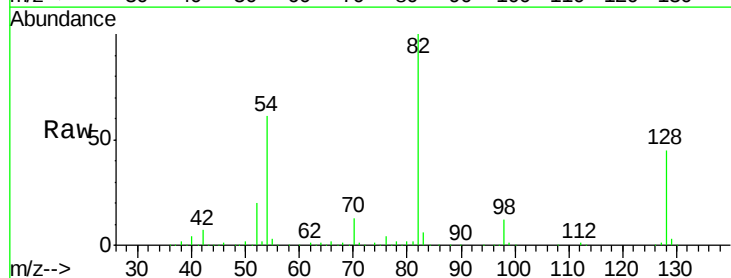


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

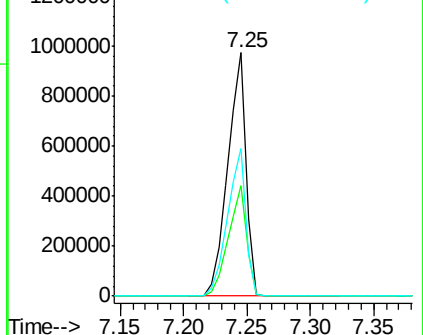
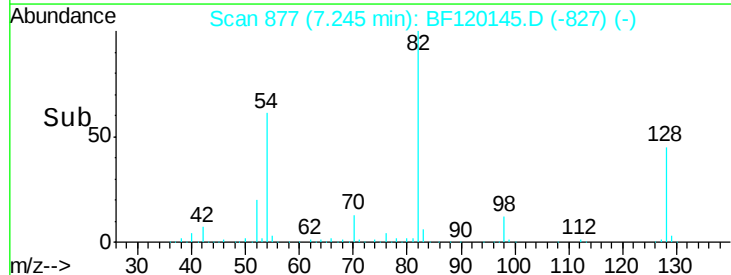


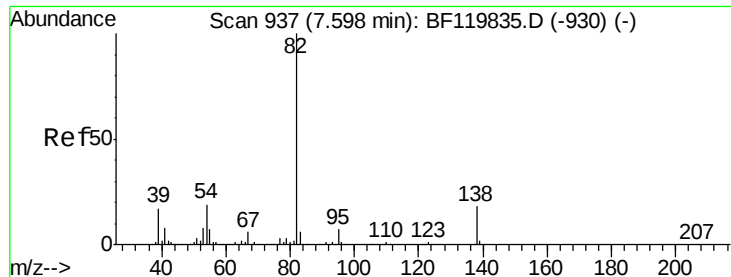
#23
Nitrobenzene-d5
Concen: 91.328 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF120145.D
Acq: 22 Apr 2020 21:37

Tgt Ion: 82	Resp:	963544
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.3 54.5
54	60.8	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: 47.315 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF120145.D

Acq: 22 Apr 2020 21:37

Instrument :

BNA_F

ClientSampleId :

TP-6

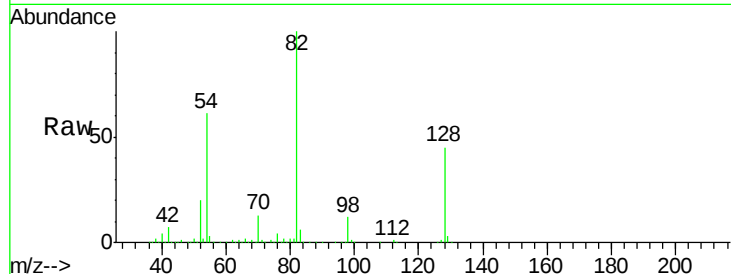
Tot Ion: 82 Resp: 962281

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

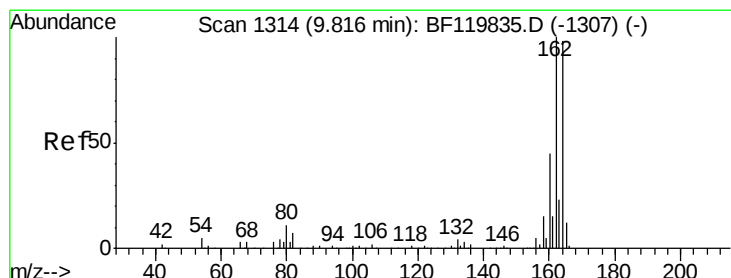
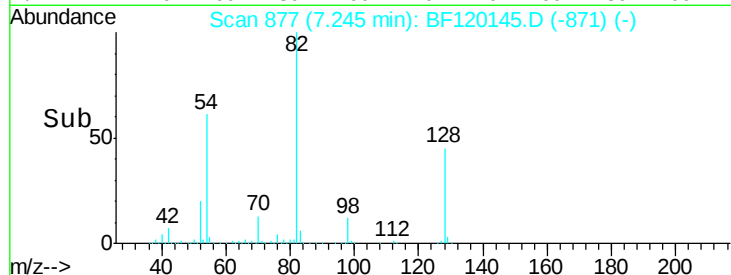
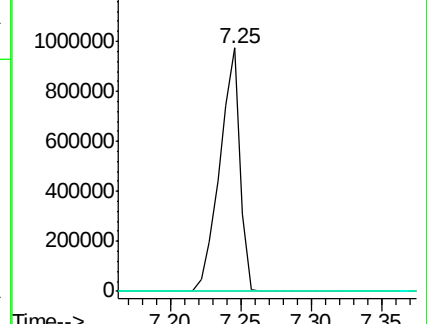
138 0.0 14.6 21.8#



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: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF120145.D

Acq: 22 Apr 2020 21:37

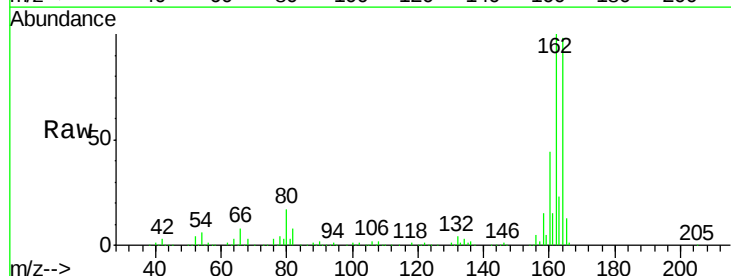
Tgt Ion:164 Resp: 284202

Ion Ratio Lower Upper

164 100

162 101.7 80.6 121.0

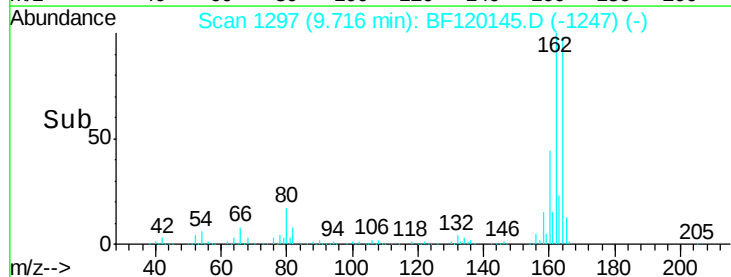
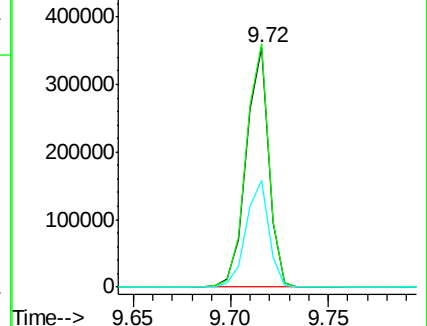
160 44.7 35.7 53.5

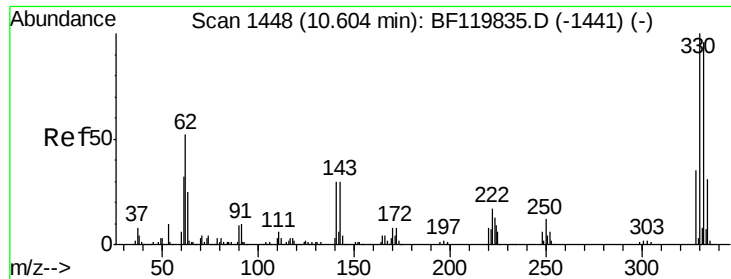


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

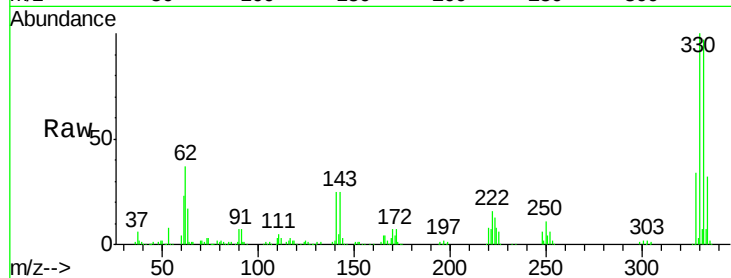




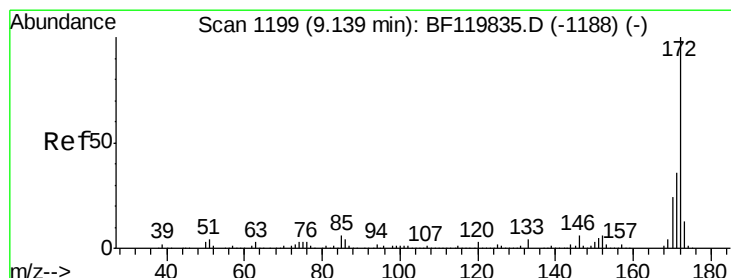
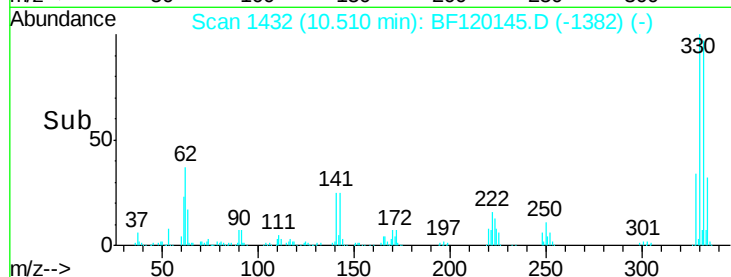
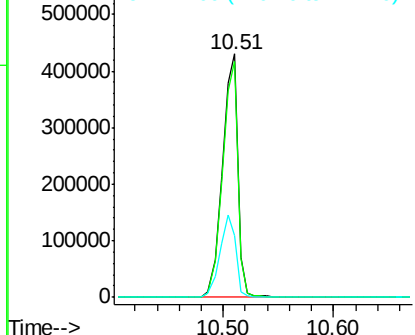
#42
 2,4,6-Tribromophenol
 Concen: 121.288 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

Instrument :
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Tot Ion:330 Resp: 422035
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.7 113.5
 141 34.4 25.4 38.0

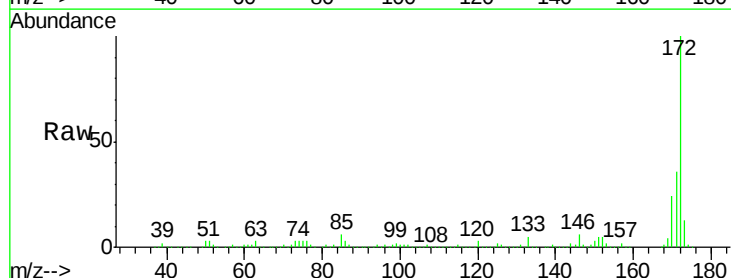


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

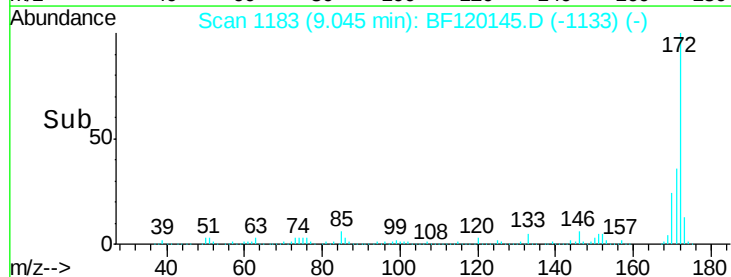
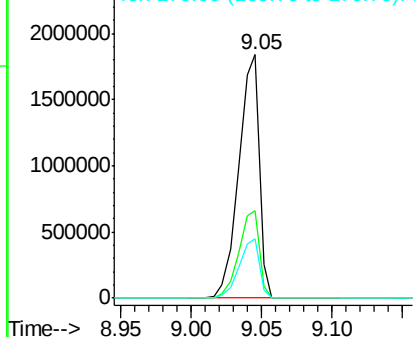


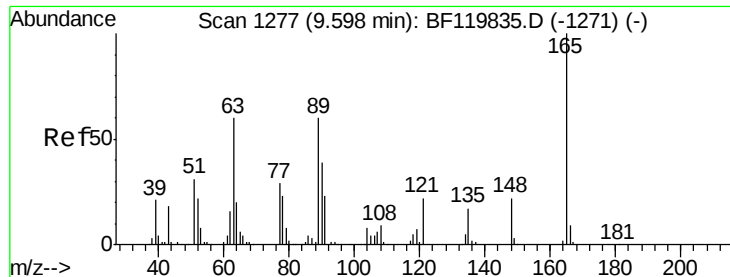
#45
 2-Fluorobiphenyl
 Concen: 92.590 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

Tgt Ion:172 Resp: 1853398
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.2 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

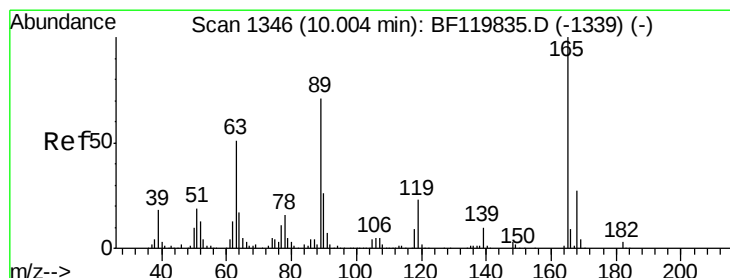
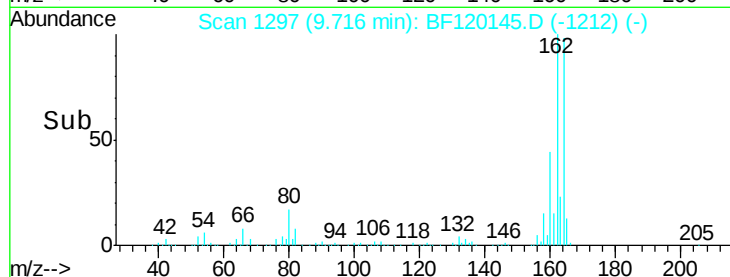
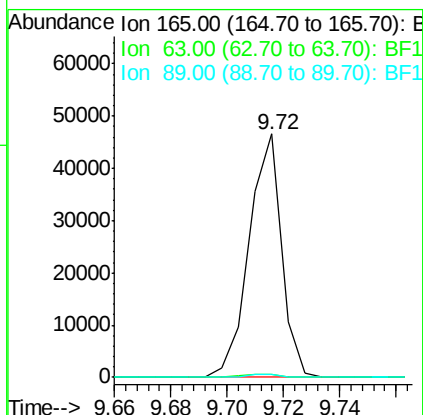
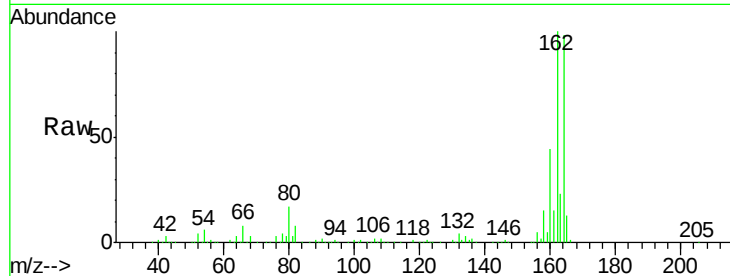




#51
 2,6-Dinitrotoluene
 Concen: 7.703 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.20 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

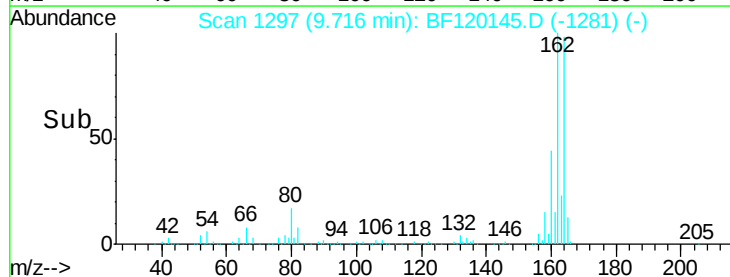
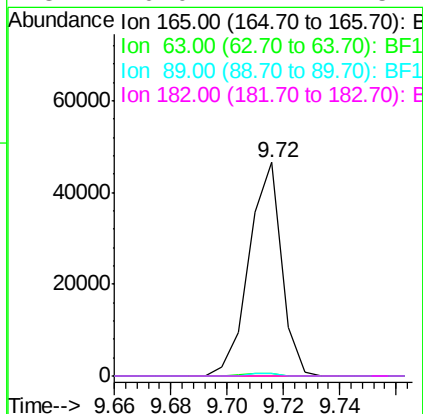
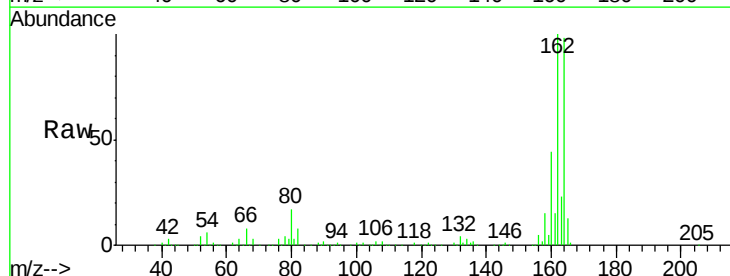
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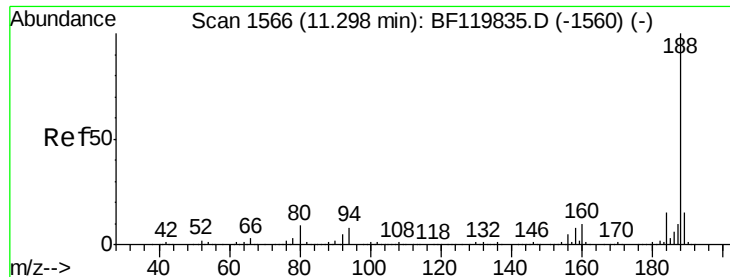
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	45.0	67.4#
89	1.2	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.846 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#

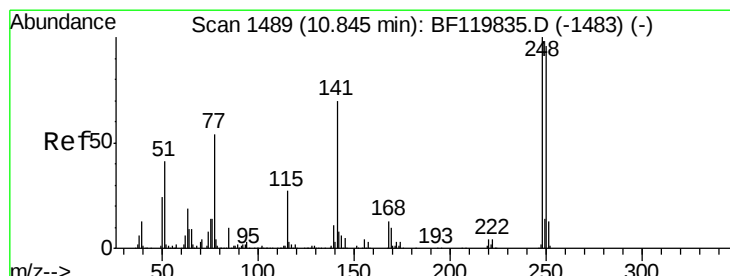
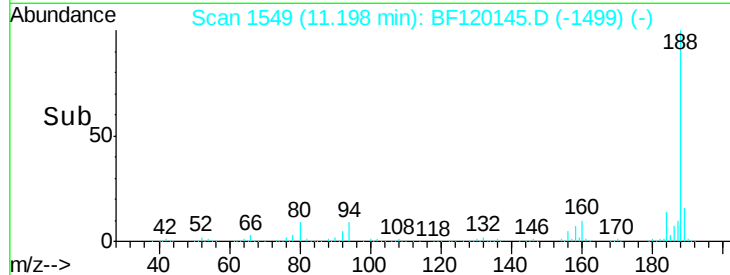
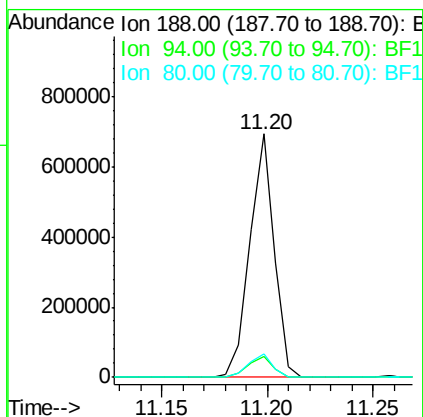
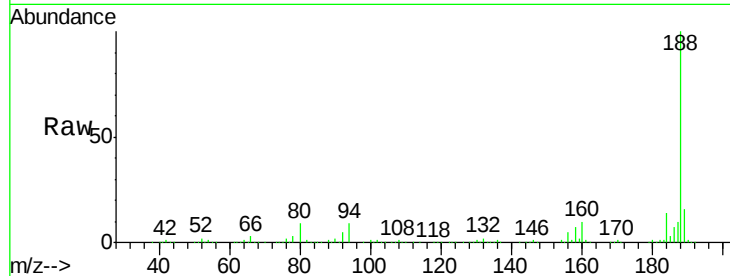




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120145.D
Acq: 22 Apr 2020 21:37

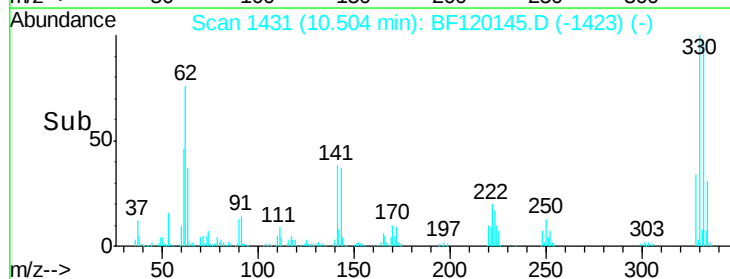
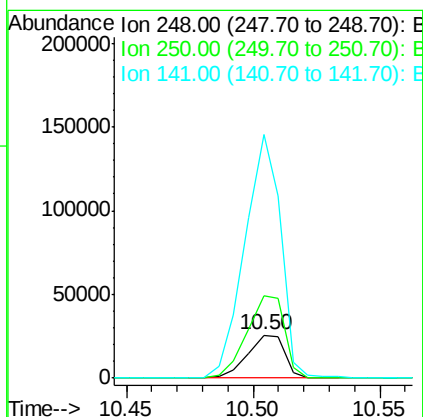
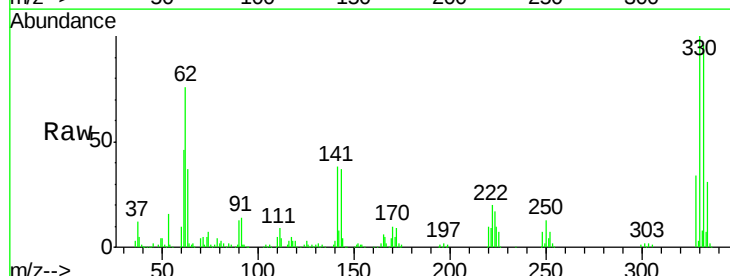
Instrument :
BNA_F
ClientSampled :
TP-6

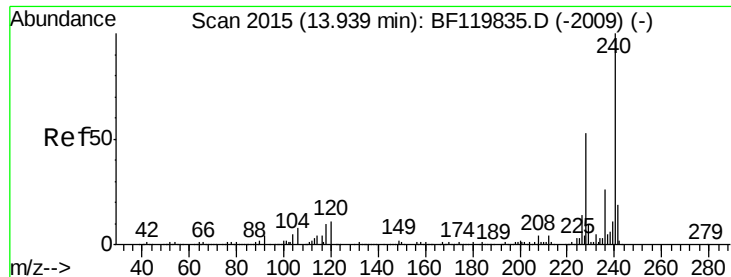
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.4	9.0	13.4



#67
4-Bromophenyl-phenylether
Concen: 3.816 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF120145.D
Acq: 22 Apr 2020 21:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	191.0	77.3	115.9#
141	563.6	58.6	87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF120145.D

Acq: 22 Apr 2020 21:37

Instrument :

BNA_F

ClientSampleId :

TP-6

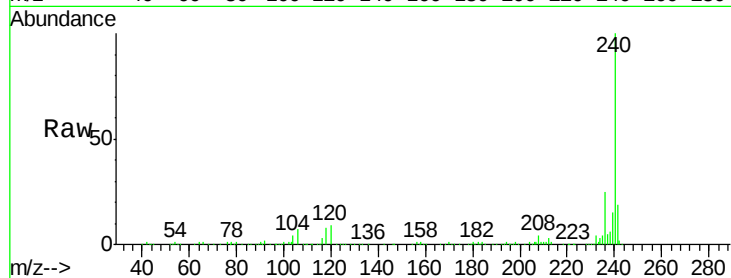
Tot Ion:240 Resp: 423610

Ion Ratio Lower Upper

240 100

120 8.9 10.6 15.8#

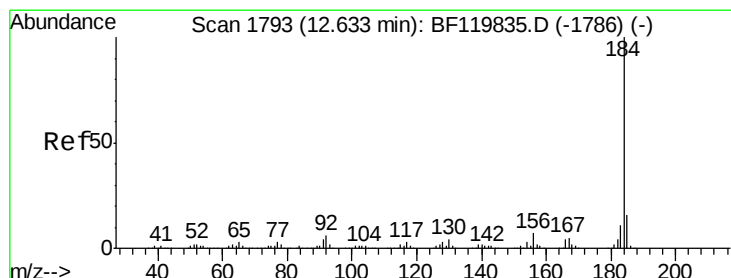
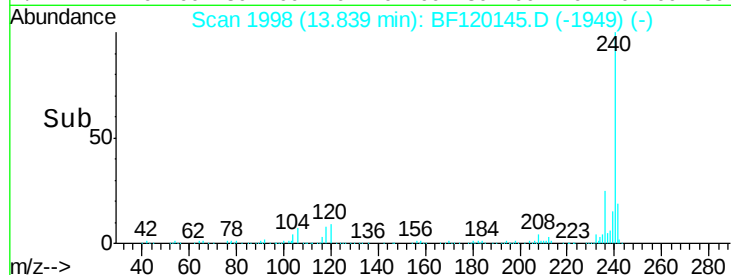
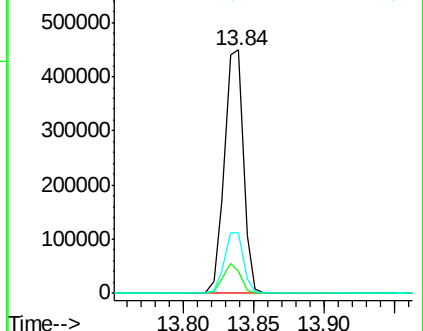
236 24.8 20.2 30.2



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



#77

Benzidine

Concen: 2.457 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF120145.D

Acq: 22 Apr 2020 21:37

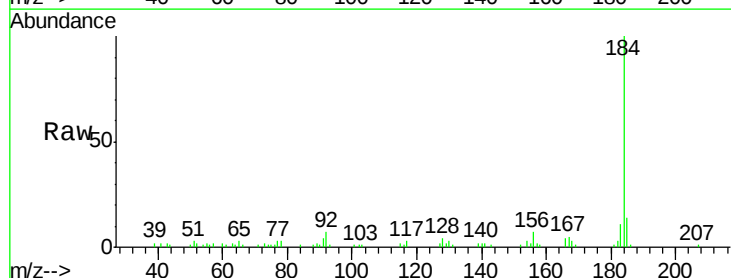
Tgt Ion:184 Resp: 35188

Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

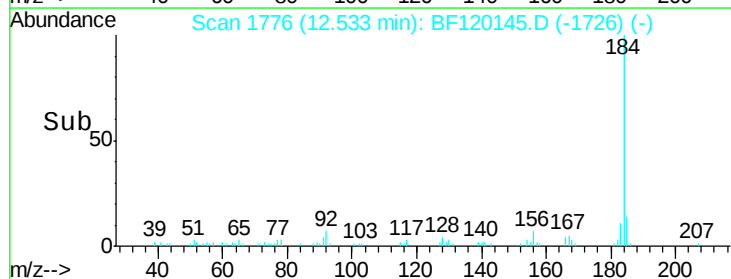
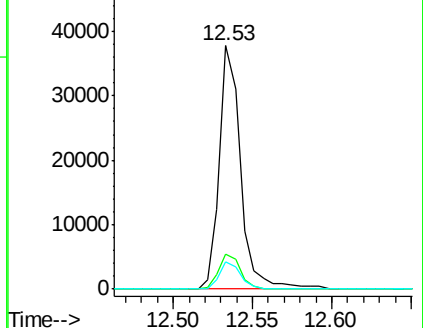
183 11.2 9.0 13.6

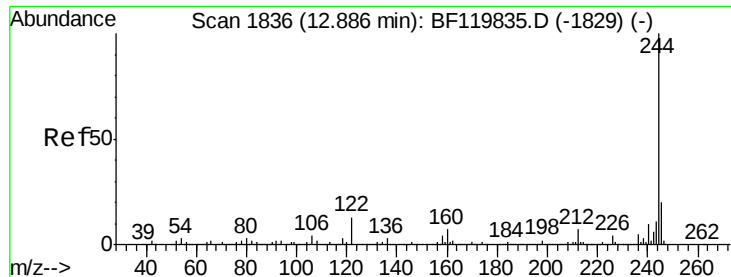


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

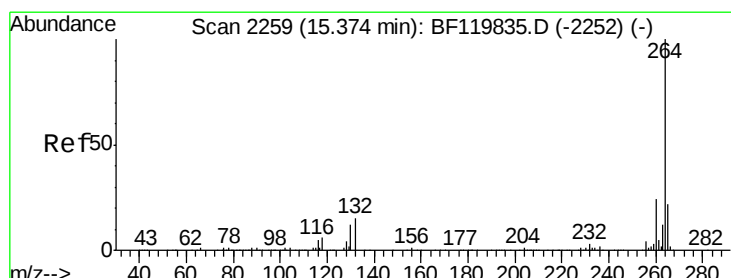
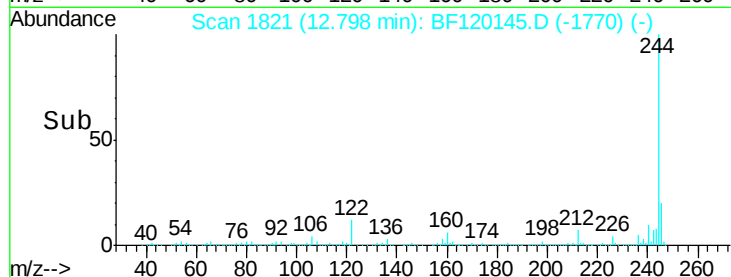
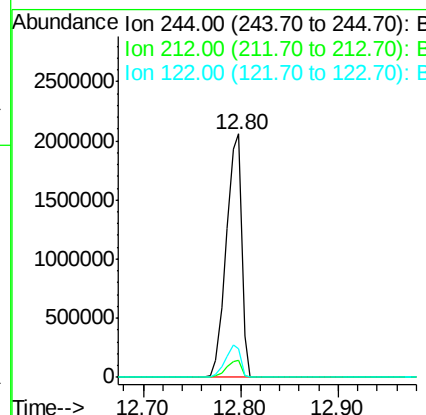
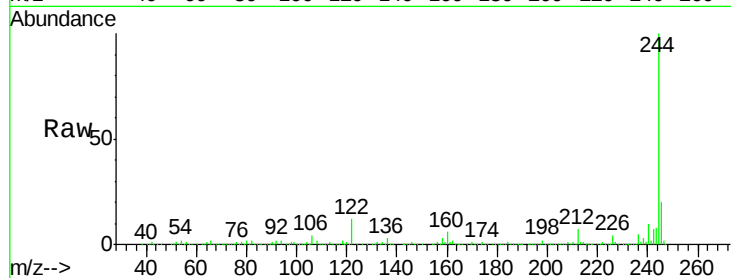




#79
 Terphenyl-d14
 Concen: 89.150 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

Instrument :
 BNA_F
 ClientSampled :
 TP-6

Tot Ion:244 Resp: 2244367
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 11.6 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

Tgt Ion:264 Resp: 339219
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 20.3 17.7 26.5

