

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120144.D
 Acq On : 22 Apr 2020 21:09
 Operator : MA/SJ
 Sample : L2351-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20A

Quant Time: Apr 23 02:44:34 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

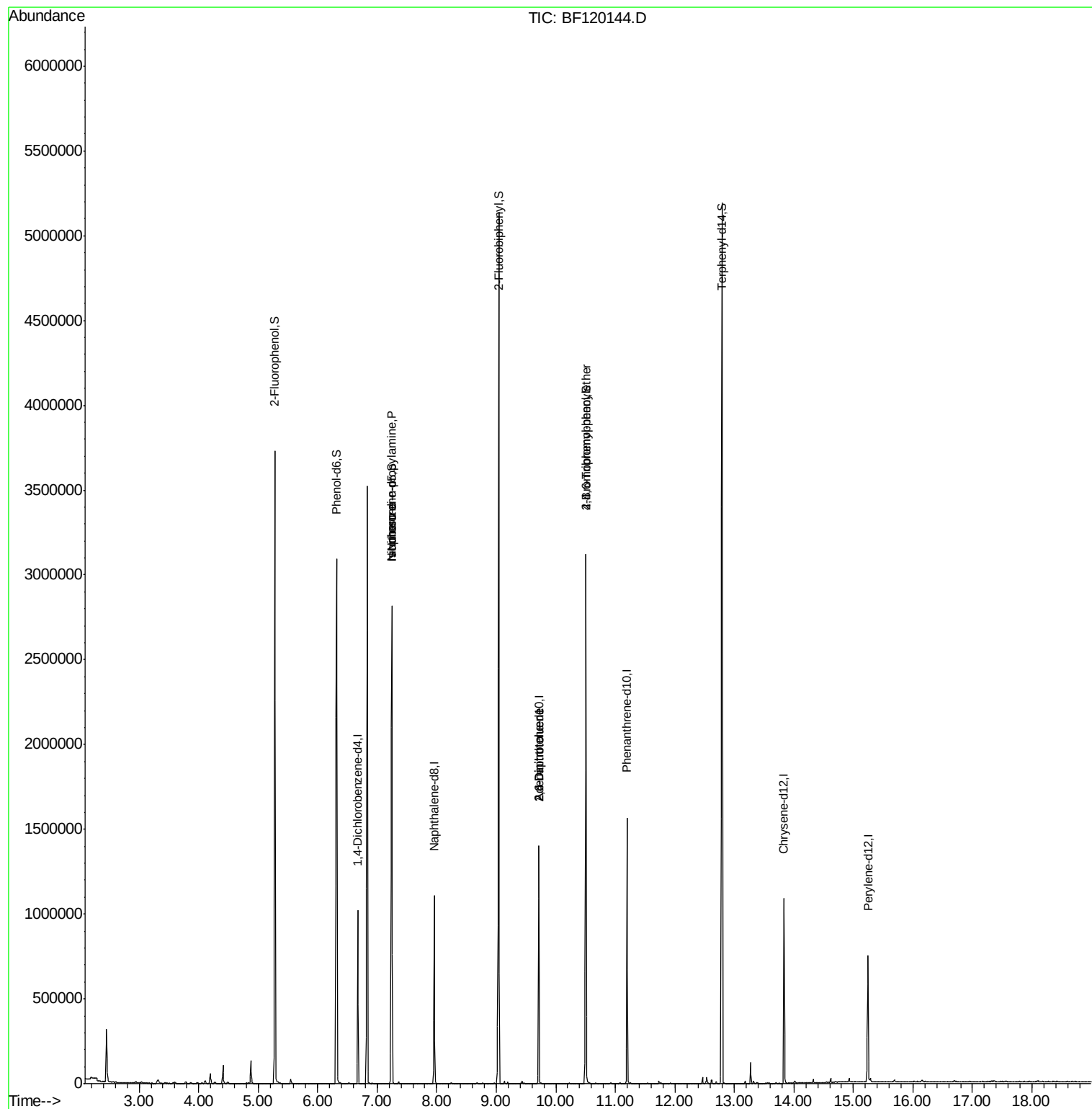
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	136777	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	518471	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	264896	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	513851	20.00	ng	0.00
76) Chrysene-d12	13.83	240	390370	20.00	ng	-0.02
87) Perylene-d12	15.24	264	301643	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	966074	122.06	ng	0.00
7) Phenol-d6	6.32	99	1160278	113.77	ng	-0.01
23) Nitrobenzene-d5	7.25	82	884517	88.26	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	402211	124.02	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1731688	92.81	ng	0.00
79) Terphenyl-d14	12.79	244	2081030	89.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	155	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.25	70	117688	17.946	ng	# 75
25) Isophorone	7.25	82	882618	45.686	ng	# 65
51) 2,6-Dinitrotoluene	9.72	165	34454	7.679	ng	# 27
57) 2,4-Dinitrotoluene	9.72	165	34454	5.828	ng	# 21
67) 4-Bromophenyl-phenylether	10.51	248	24942	3.903	ng	# 1

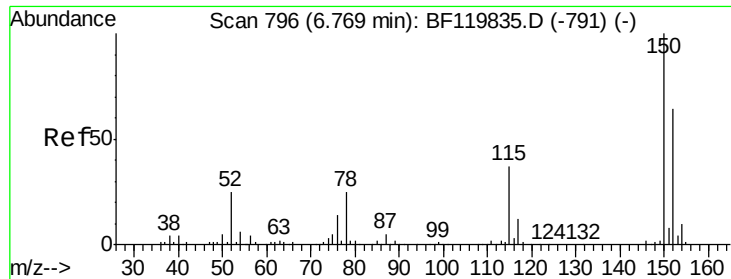
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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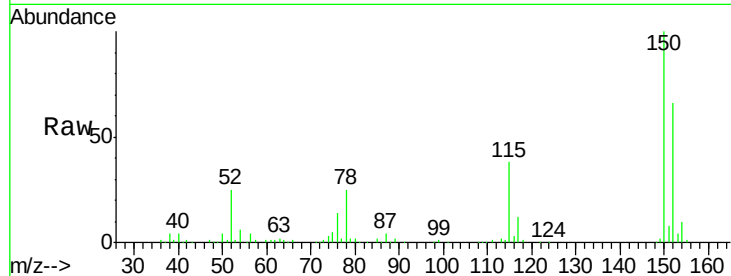


#1

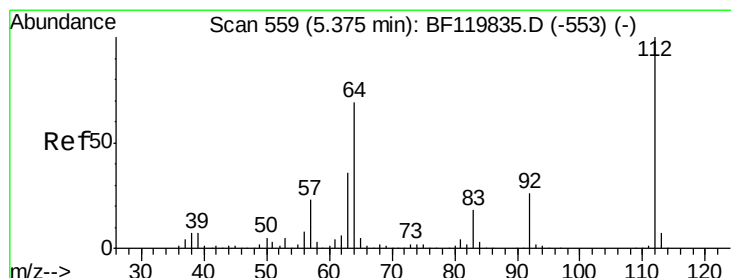
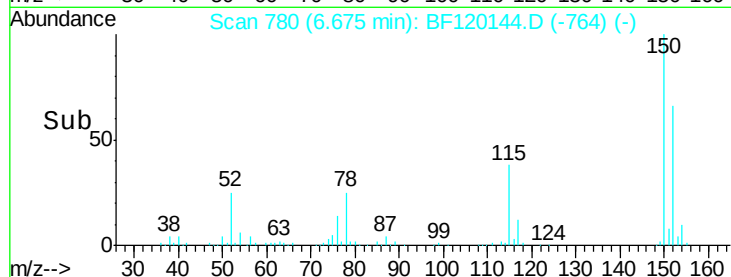
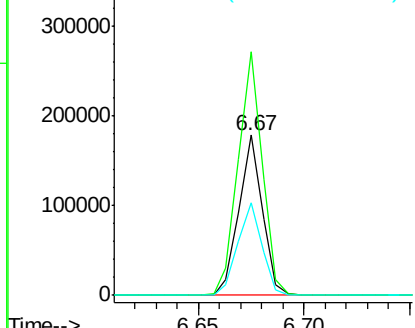
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-20A

Tot Ion:152 Resp: 136777
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.5 186.7
 115 58.0 49.6 74.4



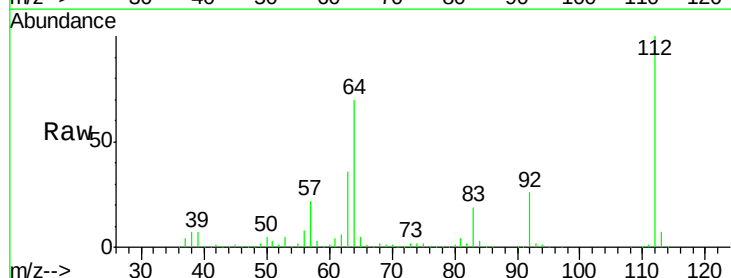
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



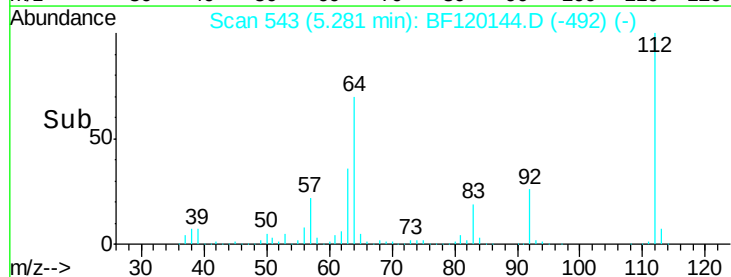
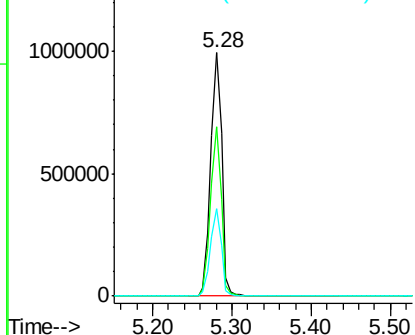
#5

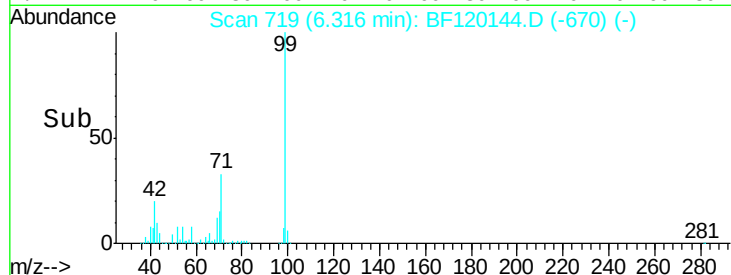
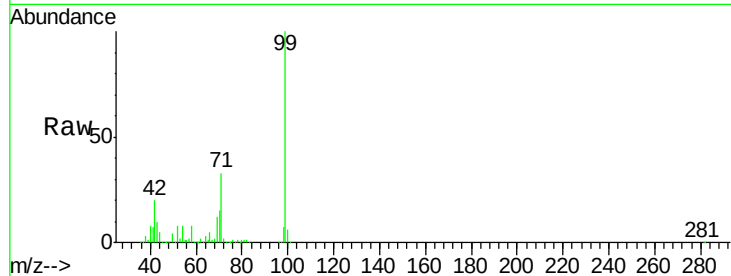
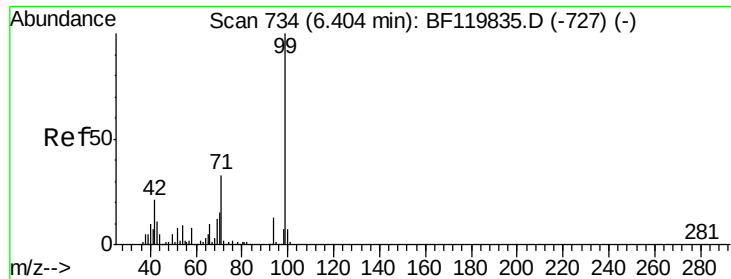
2-Fluorophenol
 Concen: 122.064 ng
 RT: 5.28 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

Tgt Ion:112 Resp: 966074
 Ion Ratio Lower Upper
 112 100
 64 69.7 56.7 85.1
 63 35.9 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: 113.773 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120144.D

Acq: 22 Apr 2020 21:09

Instrument :

BNA_F

ClientSampleId :

TP-20A

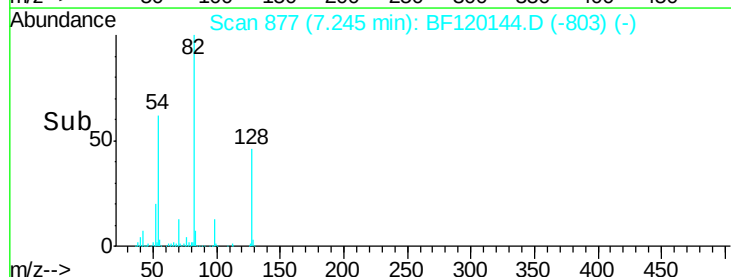
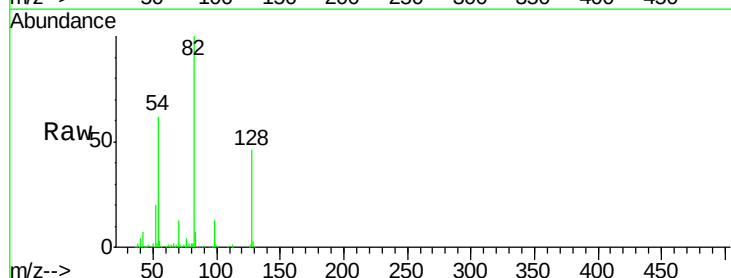
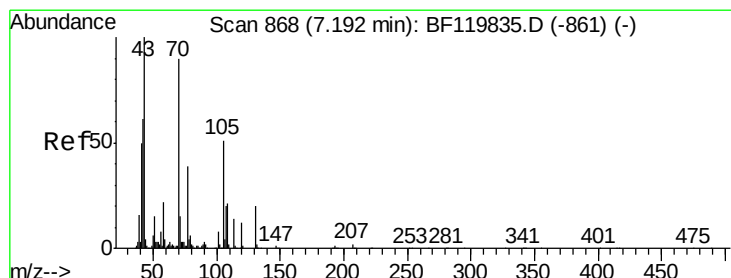
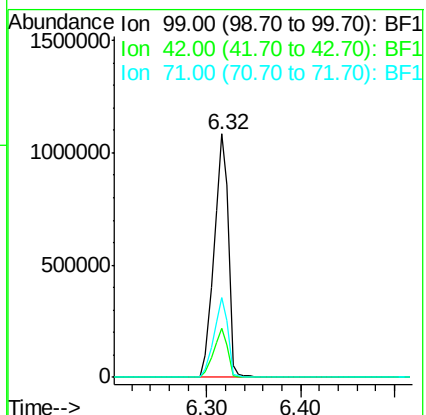
Tot Ion: 99 Resp: 1160278

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

71 33.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.946 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF120144.D

Acq: 22 Apr 2020 21:09

Tgt Ion: 70 Resp: 117688

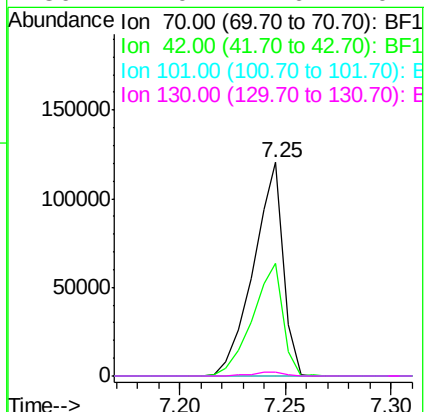
Ion Ratio Lower Upper

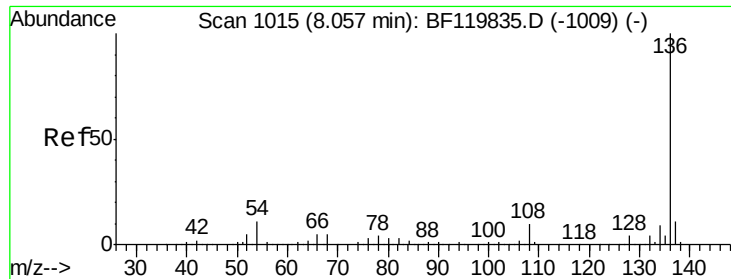
70 100

42 52.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.0 17.6 26.4#

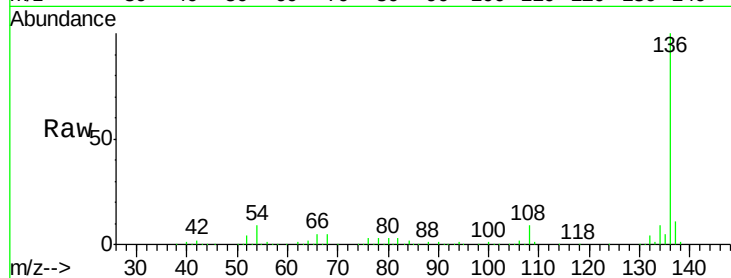




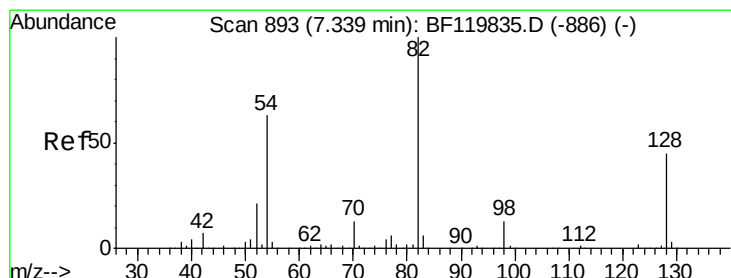
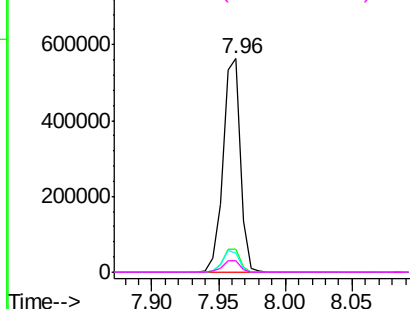
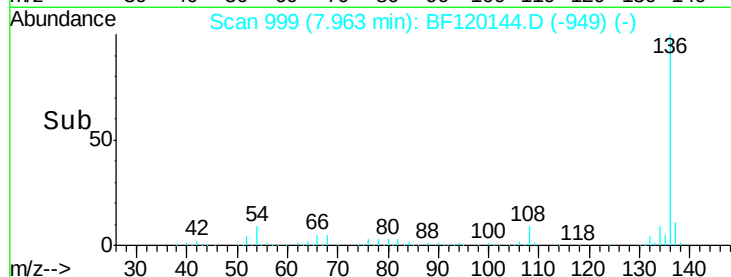
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120144.D
Acq: 22 Apr 2020 21:09

Instrument :
BNA_F
ClientSampleId :
TP-20A

Tot Ion:136	Resp:	518471
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	8.9	9.1 13.7#
68	5.2	4.6 6.8

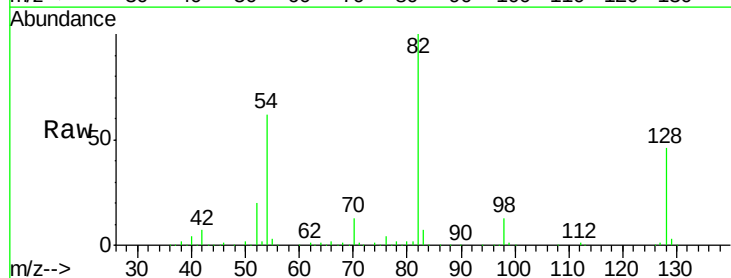


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

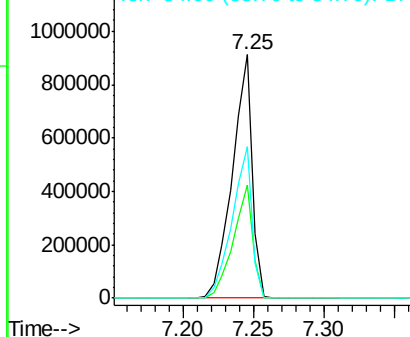
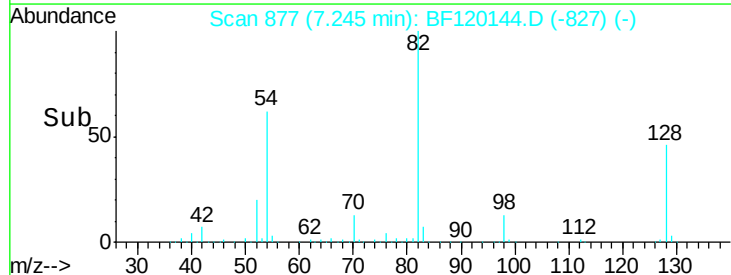


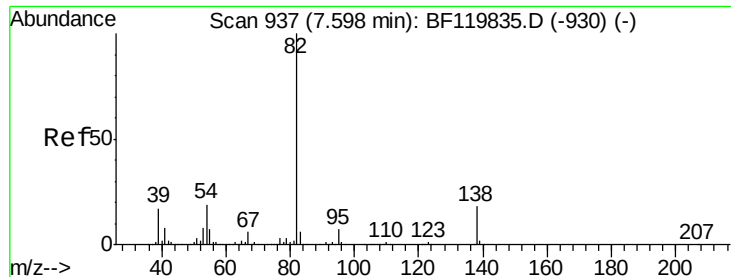
#23
Nitrobenzene-d5
Concen: 88.258 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF120144.D
Acq: 22 Apr 2020 21:09

Tgt Ion: 82	Resp:	884517
Ion Ratio	Lower	Upper
82	100	
128	46.5	36.3 54.5
54	62.0	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: 45.686 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF120144.D

Acq: 22 Apr 2020 21:09

Instrument :

BNA_F

ClientSampleId :

TP-20A

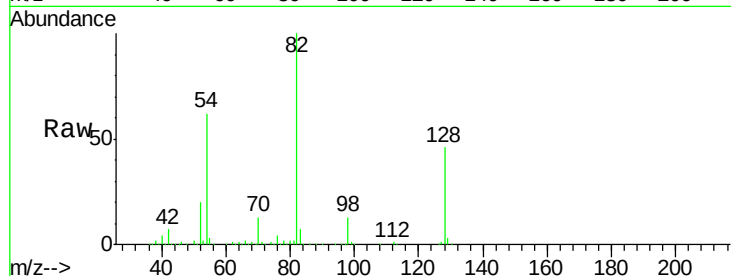
Tot Ion: 82 Resp: 882618

Ion Ratio Lower Upper

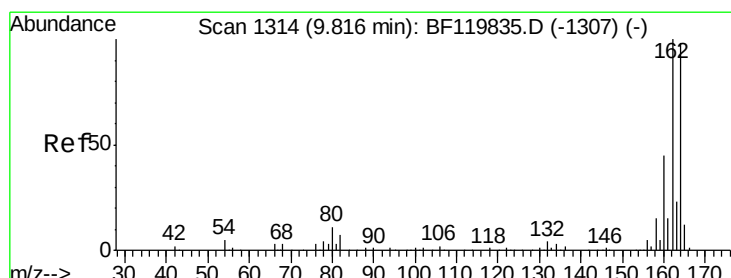
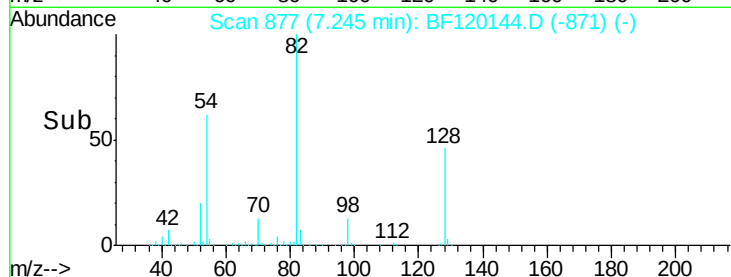
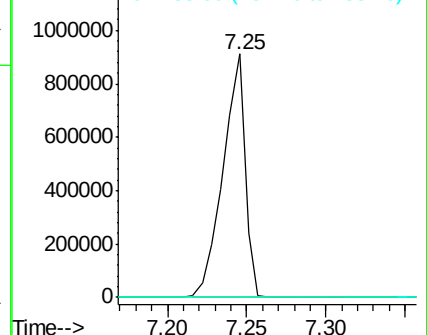
82 100

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: BF120144.D

Acq: 22 Apr 2020 21:09

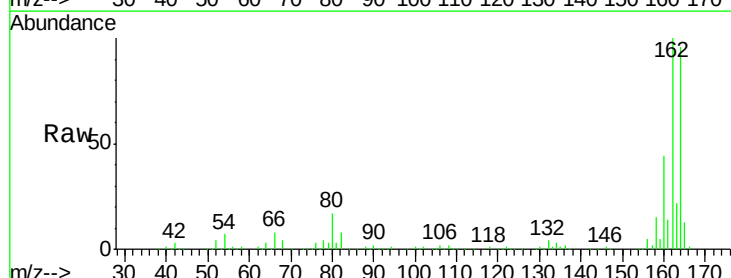
Tgt Ion: 164 Resp: 264896

Ion Ratio Lower Upper

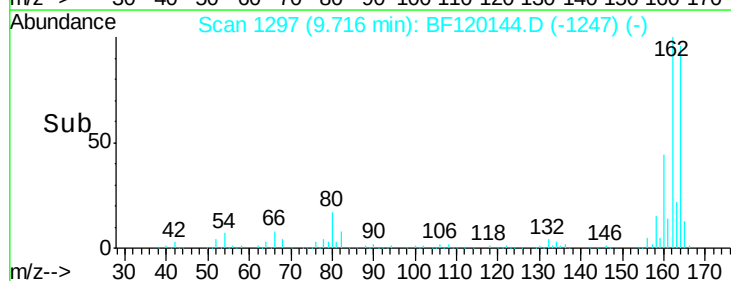
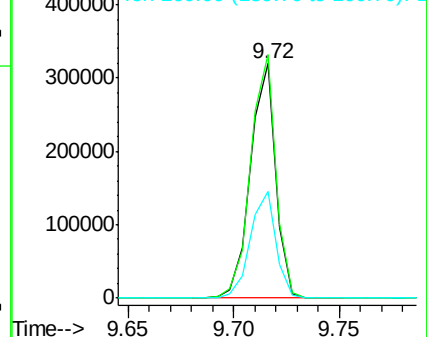
164 100

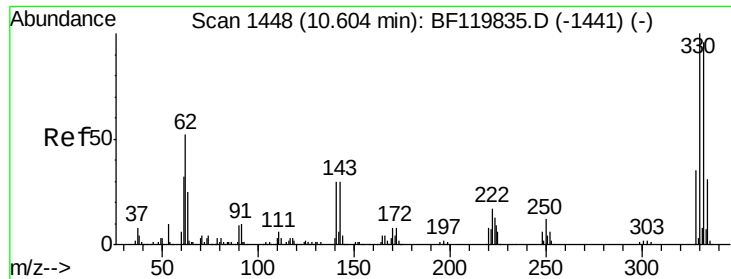
162 103.9 80.6 121.0

160 45.8 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

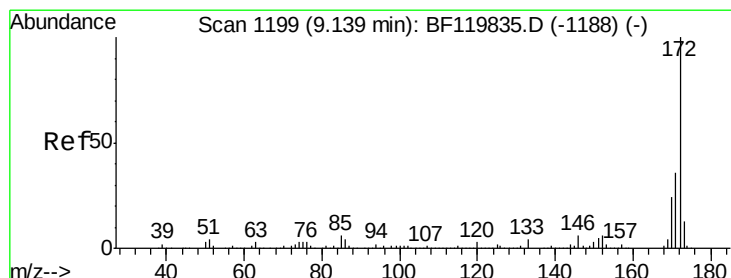
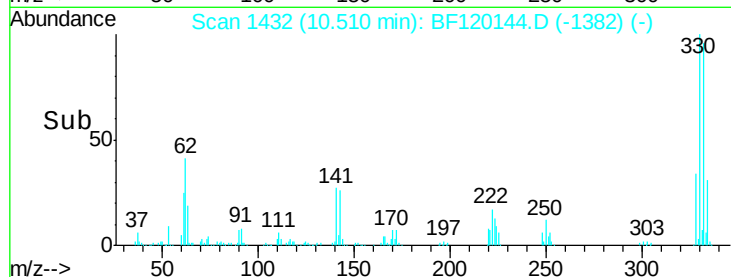
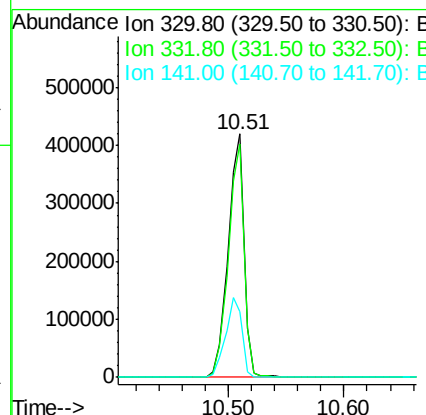
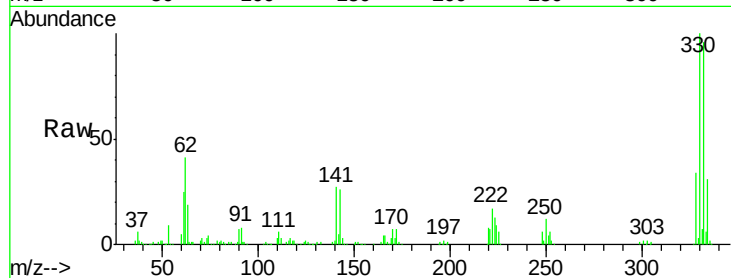




#42
 2,4,6-Tribromophenol
 Concen: 124.016 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

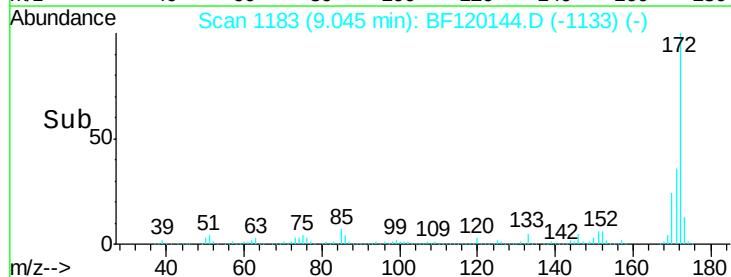
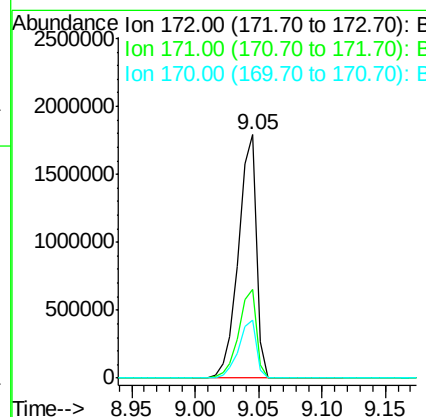
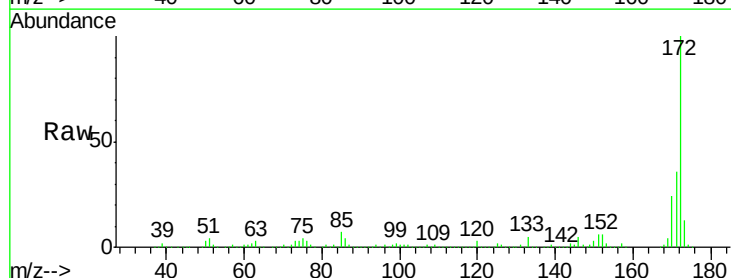
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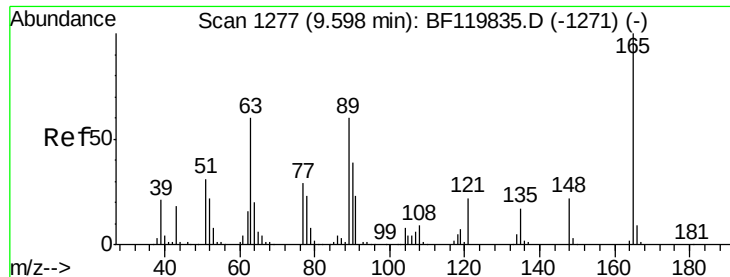
Tot Ion:330 Resp: 402211
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 33.7 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 92.815 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

Tgt Ion:172 Resp: 1731688
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 20.2 30.2

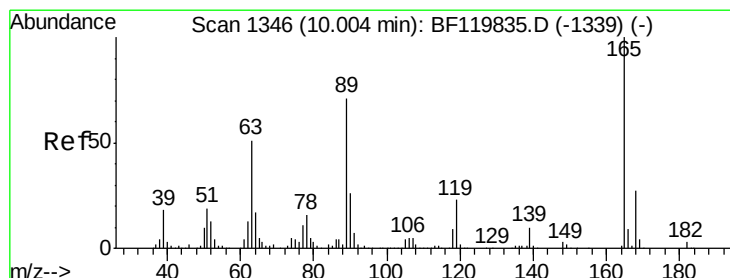
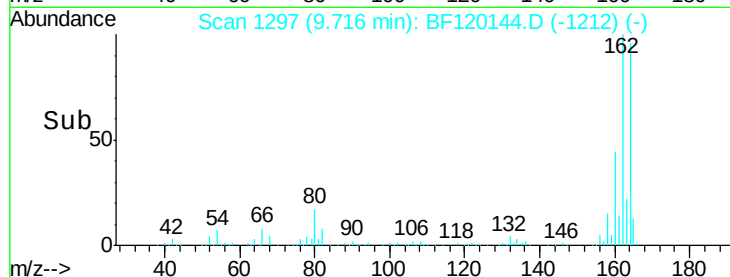
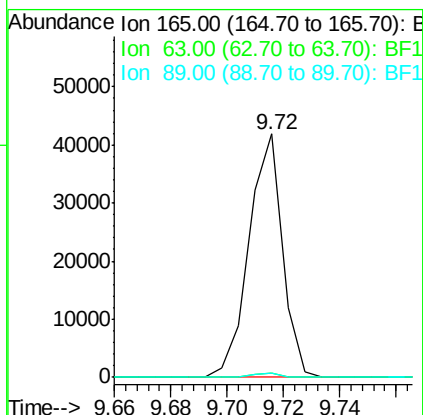
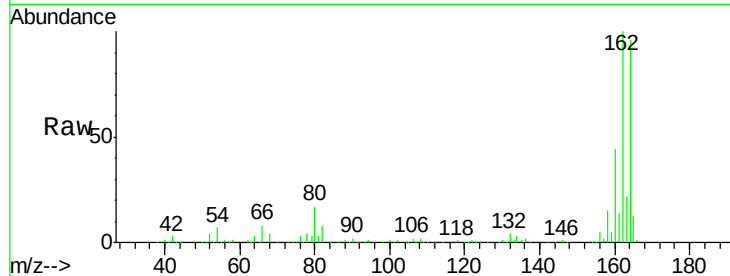




#51
 2,6-Dinitrotoluene
 Concen: 7.679 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.20 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

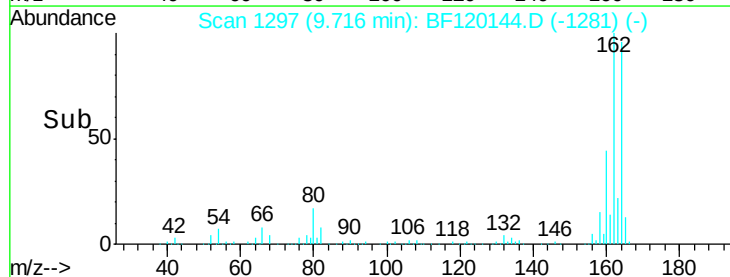
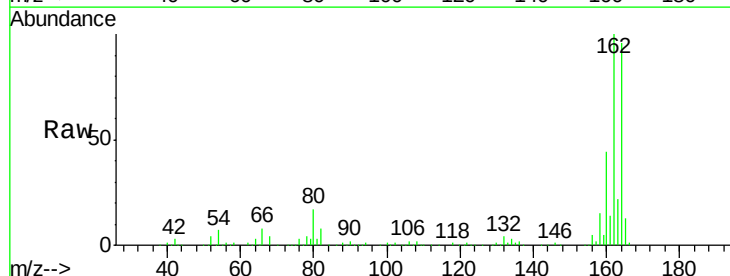
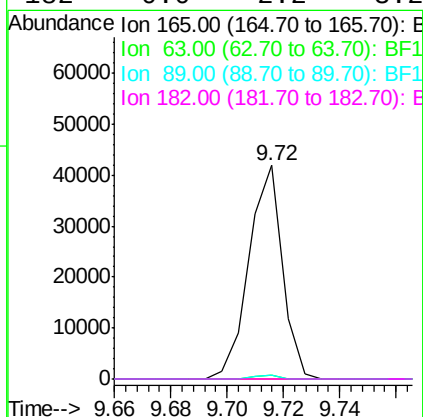
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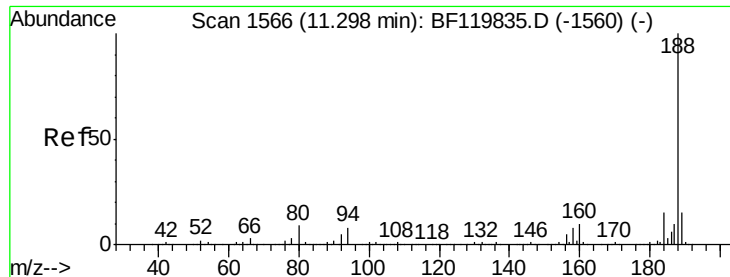
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	45.0	67.4#
89	1.7	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.828 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.7	61.0	91.4#
182	0.0	2.2	3.2#

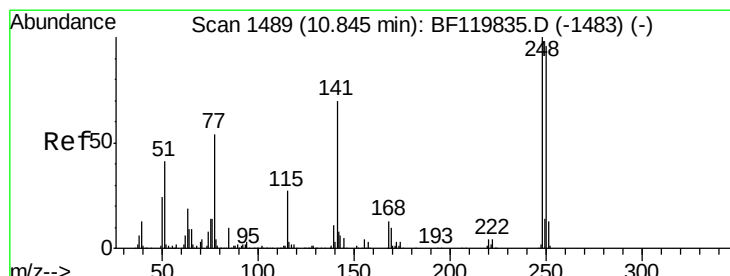
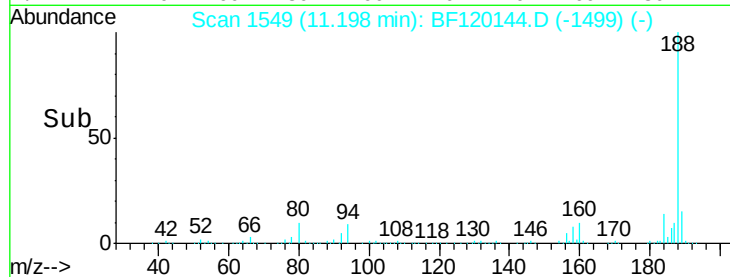
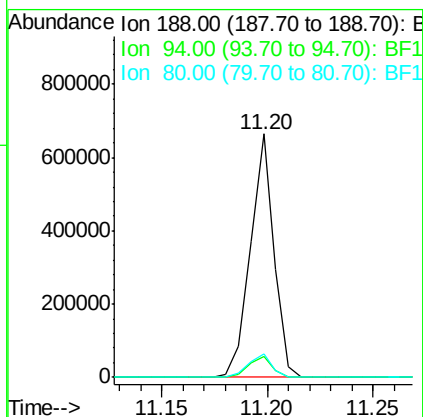
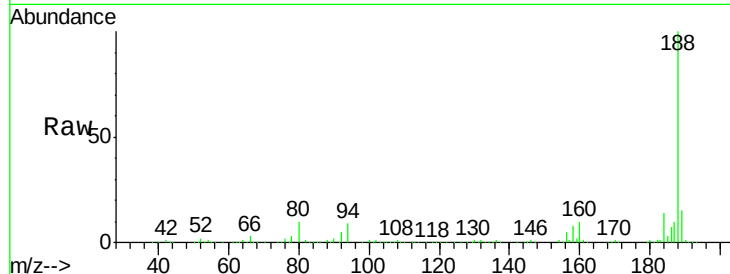




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

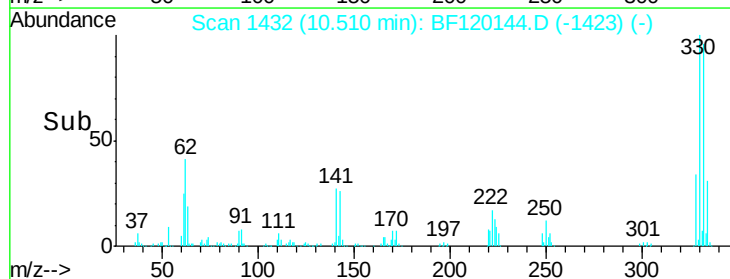
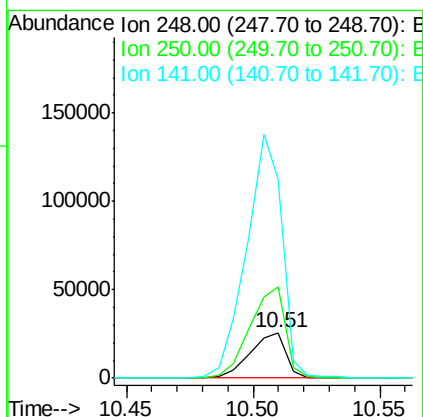
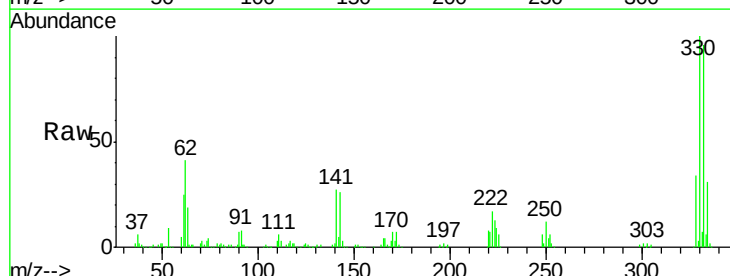
Instrument :
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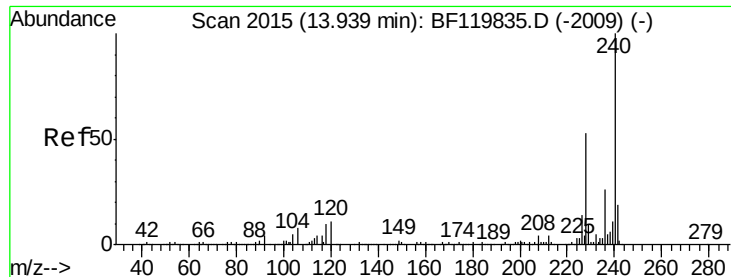
Tot Ion:188 Resp: 513851
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.5 11.3
 80 9.7 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.903 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

Tgt Ion:248 Resp: 24942
 Ion Ratio Lower Upper
 248 100
 250 200.5 77.3 115.9#
 141 439.2 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF120144.D

Acq: 22 Apr 2020 21:09

Instrument :

BNA_F

ClientSampleId :

TP-20A

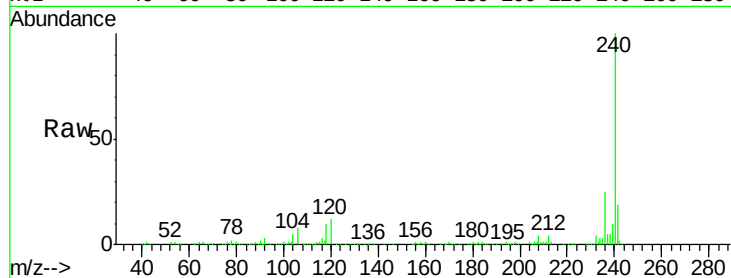
Tot Ion:240 Resp: 390370

Ion Ratio Lower Upper

240 100

120 12.3 10.6 15.8

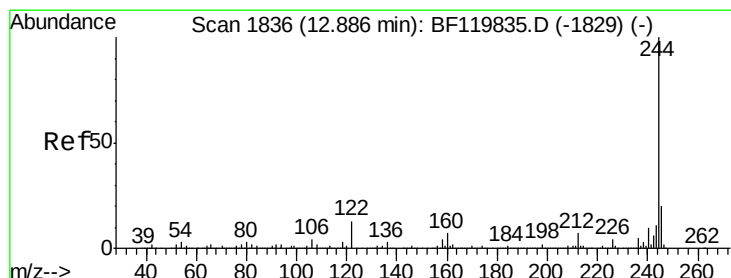
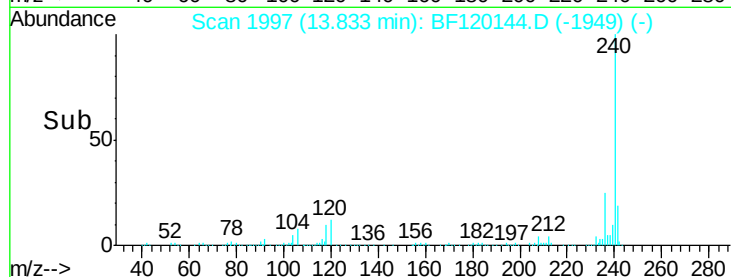
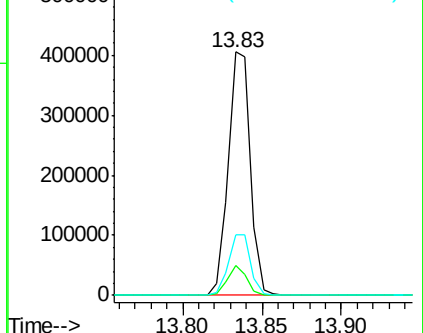
236 24.9 20.2 30.2



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



#79

Terphenyl-d14

Concen: 89.701 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF120144.D

Acq: 22 Apr 2020 21:09

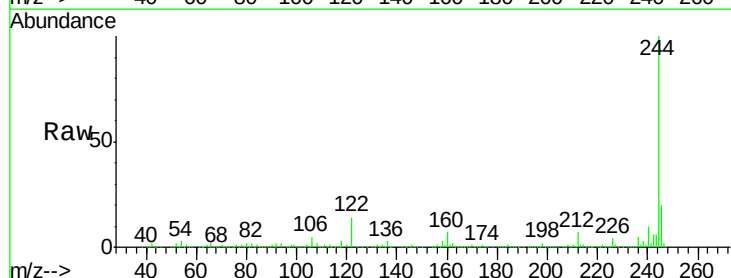
Tgt Ion:244 Resp: 2081030

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

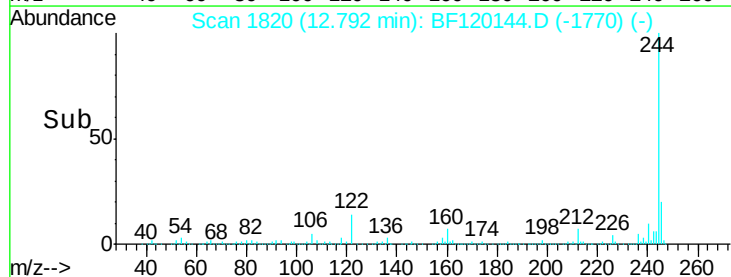
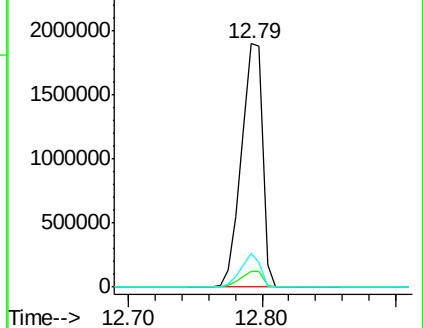
122 13.7 10.3 15.5

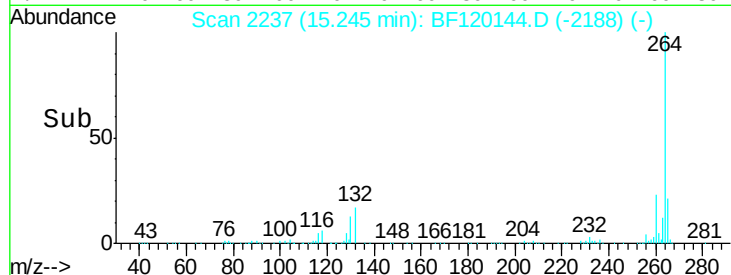
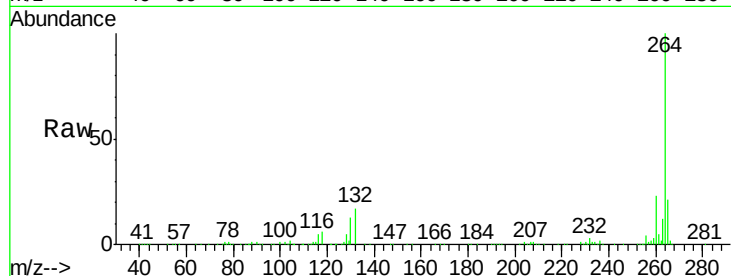
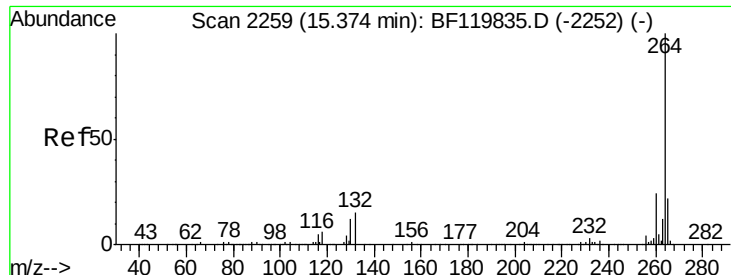


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-20A

Tot Ion:	264	Resp:	301643
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.1	17.7	26.5

