

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120153.D
 Acq On : 23 Apr 2020 5:12
 Operator : MA/SJ
 Sample : L2286-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-27

Quant Time: Apr 23 06:44:47 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

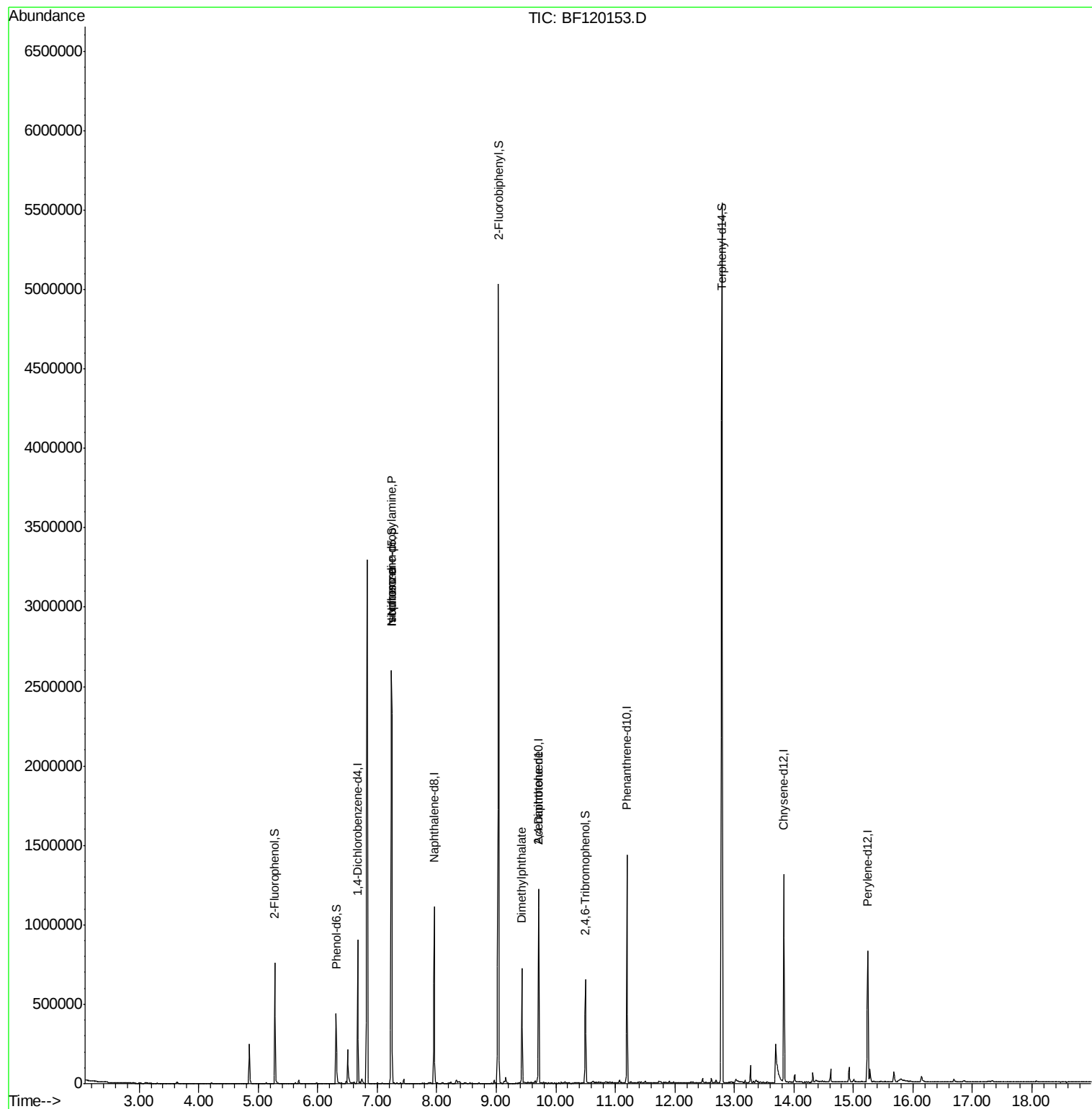
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	131136	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	505431	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	265306	20.00	ng	-0.01
64) Phenanthrene-d10	11.20	188	508773	20.00	ng	0.00
76) Chrysene-d12	13.83	240	430014	20.00	ng	-0.02
87) Perylene-d12	15.24	264	367405	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	181662	23.94	ng	0.00
7) Phenol-d6	6.31	99	143228	14.65	ng	-0.02
23) Nitrobenzene-d5	7.24	82	958382	98.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	69525	21.40	ng	-0.02
45) 2-Fluorobiphenyl	9.04	172	1706283	91.31	ng	-0.01
79) Terphenyl-d14	12.79	244	2096234	82.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	127957	20.351	ng	# 77
25) Isophorone	7.24	82	958364	50.886	ng	# 65
50) Dimethylphthalate	9.43	163	261029	12.720	ng	98
57) 2,4-Dinitrotoluene	9.71	165	34311	5.795	ng	# 21

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

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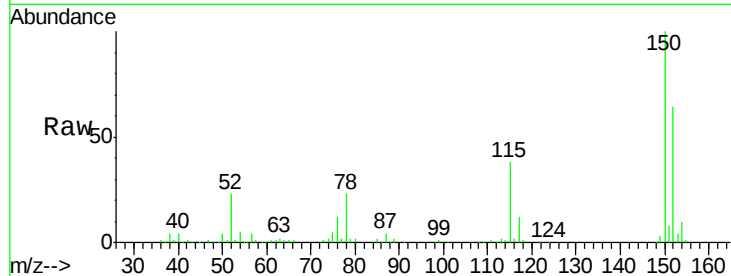


#1

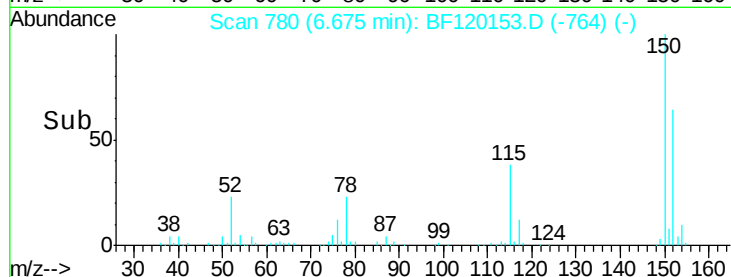
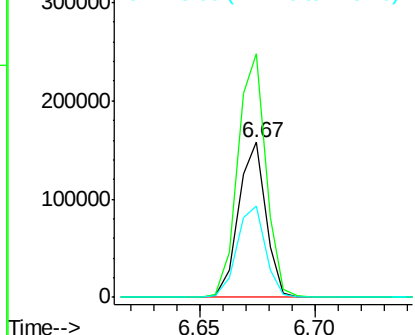
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120153.D
Acq: 23 Apr 2020 5:12

Instrument :
BNA_F
ClientSampleId :
55-ST-27

Tot Ion:152 Resp: 131136
Ion Ratio Lower Upper
152 100
150 156.8 124.5 186.7
115 58.8 49.6 74.4



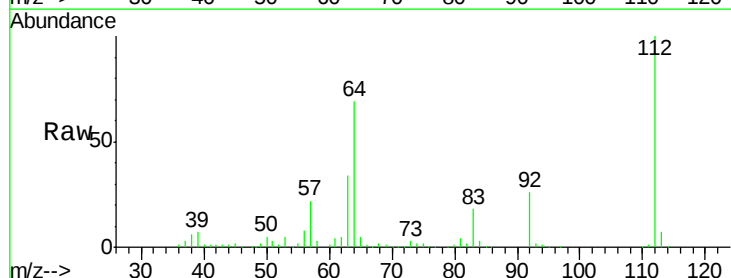
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



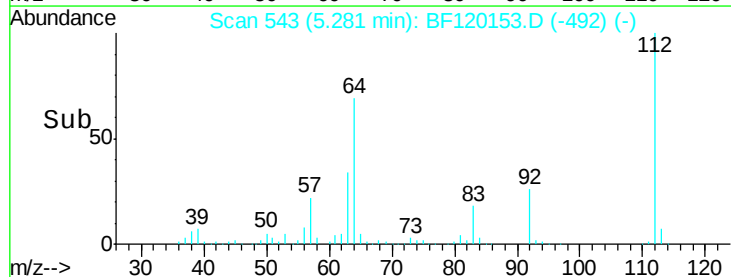
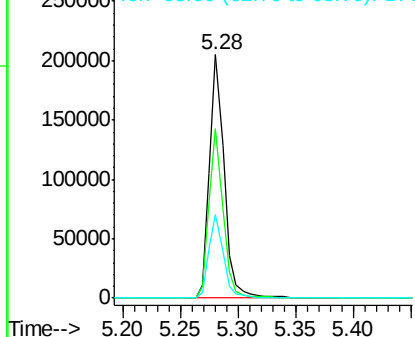
#5

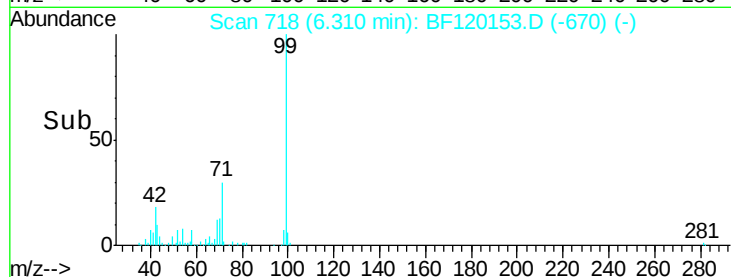
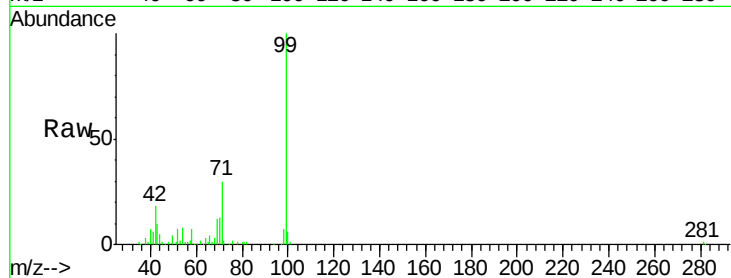
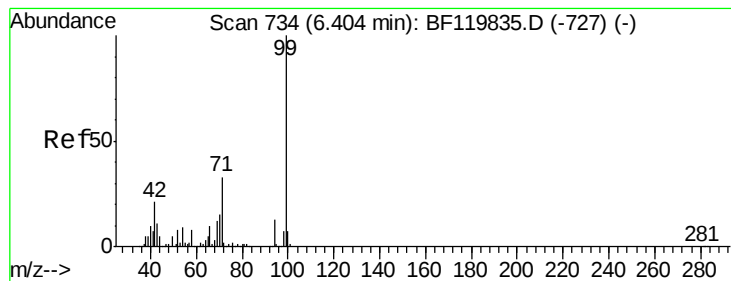
2-Fluorophenol
Concen: 23.940 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF120153.D
Acq: 23 Apr 2020 5:12

Tgt Ion:112 Resp: 181662
Ion Ratio Lower Upper
112 100
64 69.5 56.7 85.1
63 34.3 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: 14.649 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF120153.D

Acq: 23 Apr 2020 5:12

Instrument :

BNA_F

ClientSampleId :

55-ST-27

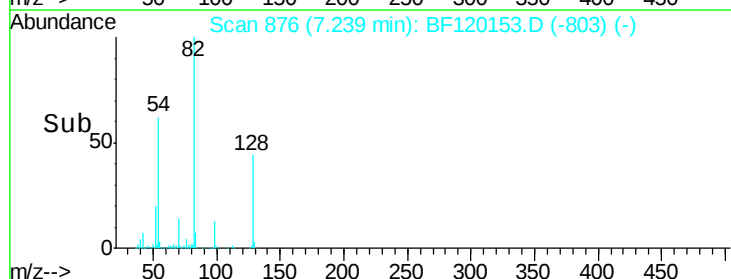
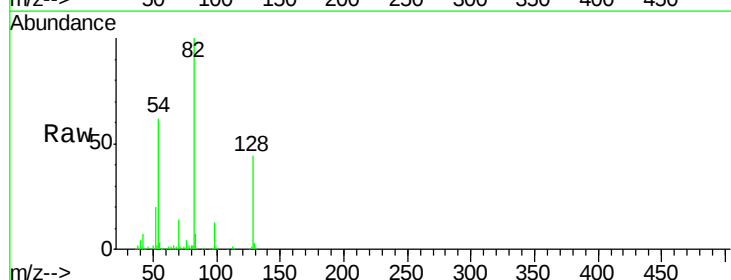
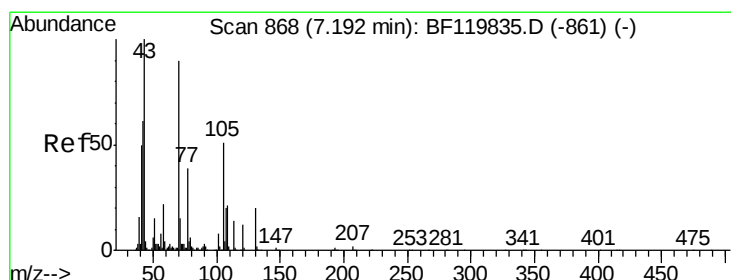
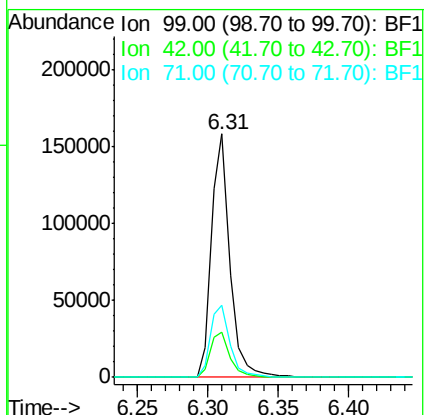
Tot Ion: 99 Resp: 143228

Ion Ratio Lower Upper

99 100

42 18.4 16.6 24.8

71 29.6 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.351 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF120153.D

Acq: 23 Apr 2020 5:12

Tgt Ion: 70 Resp: 127957

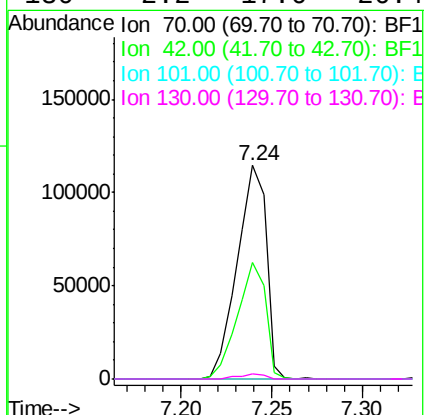
Ion Ratio Lower Upper

70 100

42 54.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

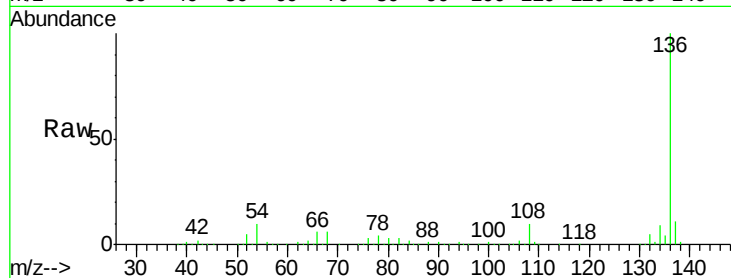




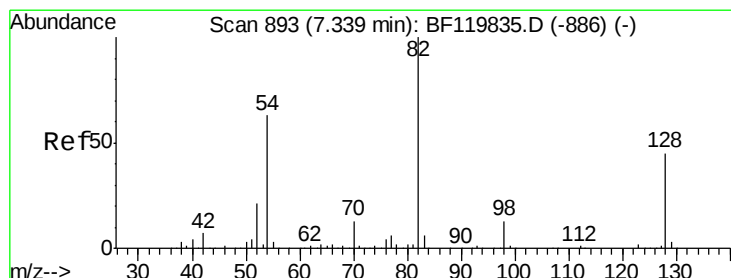
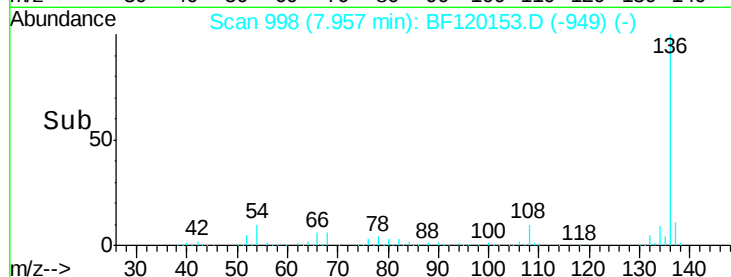
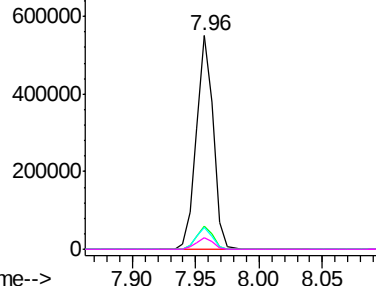
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF120153.D
Acq: 23 Apr 2020 5:12

Instrument :
BNA_F
ClientSampleId :
55-ST-27

Tot Ion:136	Resp:	505431
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	10.2	9.1 13.7
68	5.7	4.6 6.8

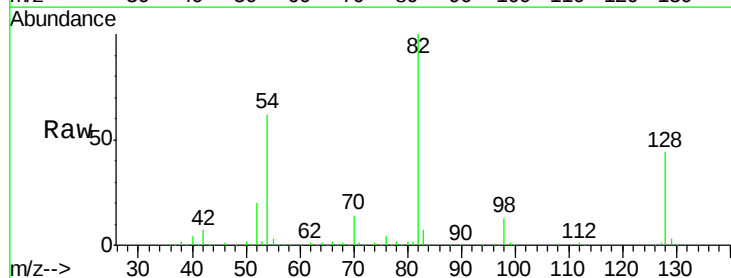


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

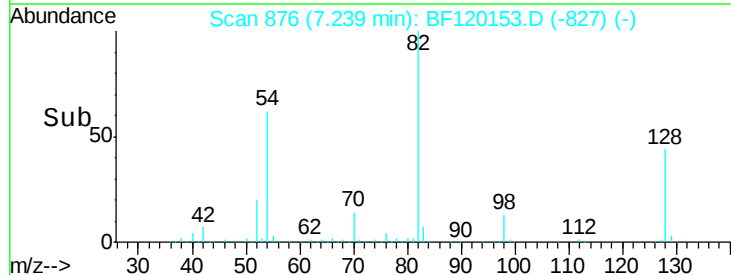
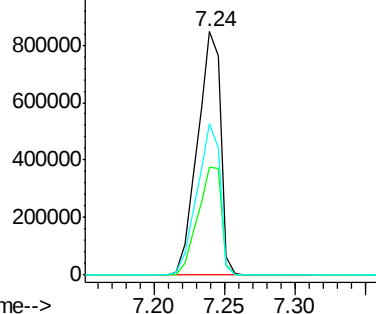


#23
Nitrobenzene-d5
Concen: 98.096 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF120153.D
Acq: 23 Apr 2020 5:12

Tgt Ion: 82	Resp:	958382
Ion Ratio	Lower	Upper
82	100	
128	44.1	36.3 54.5
54	62.3	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: 50.886 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.27 min

Lab File: BF120153.D

Acq: 23 Apr 2020 5:12

Instrument :

BNA_F

ClientSampleId :

55-ST-27

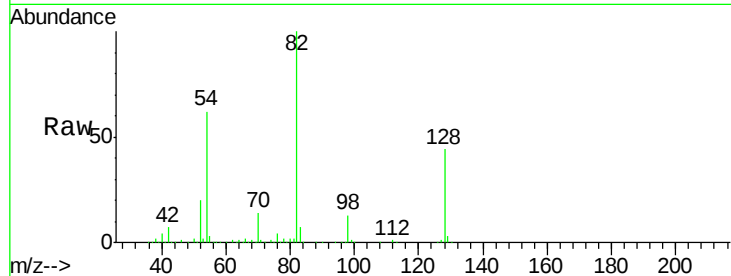
Tot Ion: 82 Resp: 958364

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

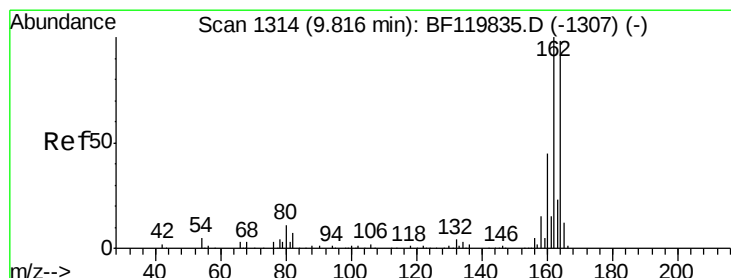
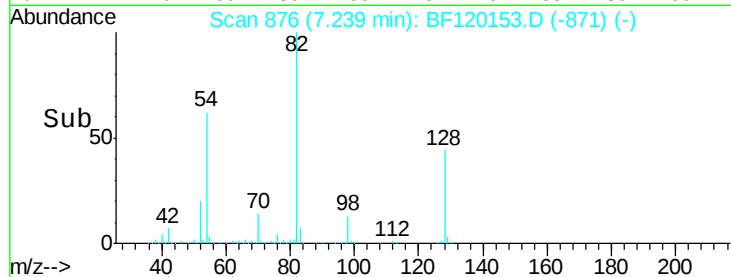
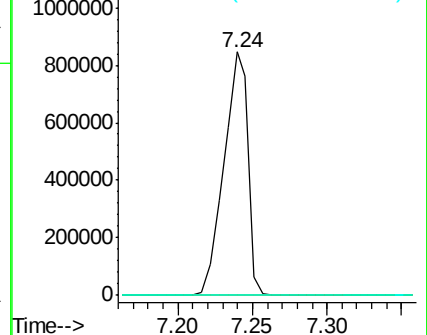
138 0.0 14.6 21.8#



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF120153.D

Acq: 23 Apr 2020 5:12

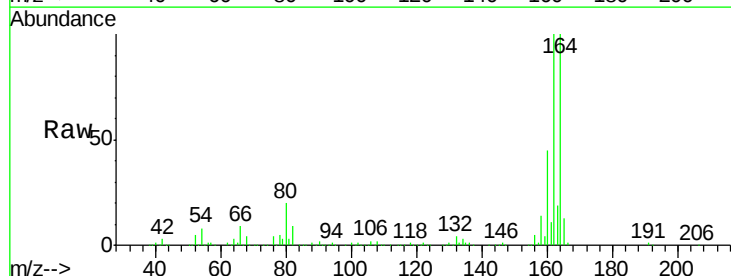
Tgt Ion: 164 Resp: 265306

Ion Ratio Lower Upper

164 100

162 100.3 80.6 121.0

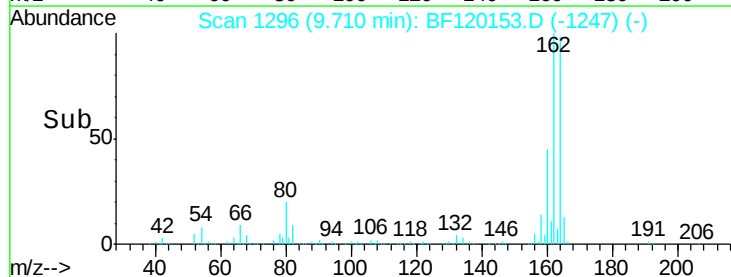
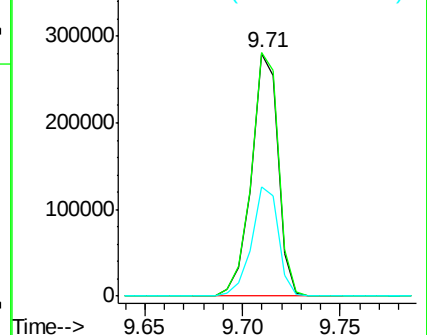
160 44.9 35.7 53.5

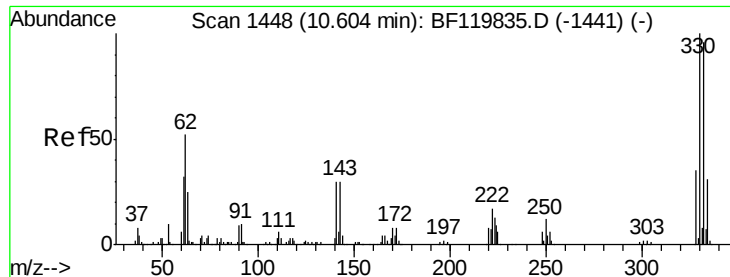


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

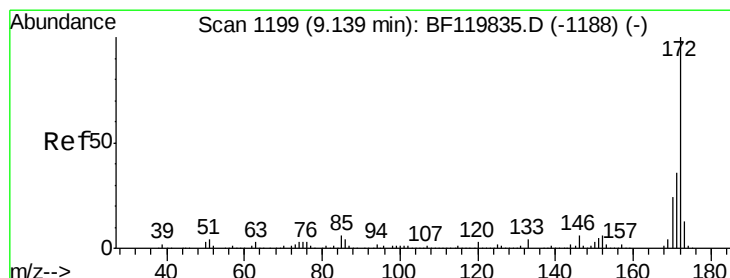
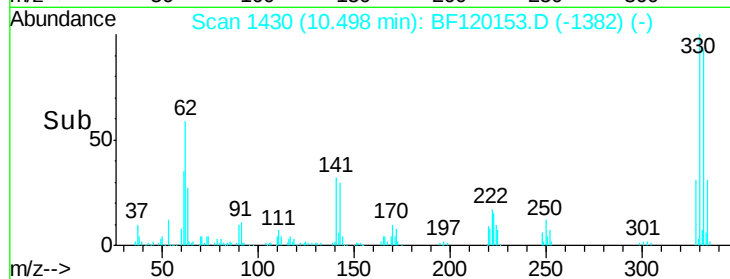
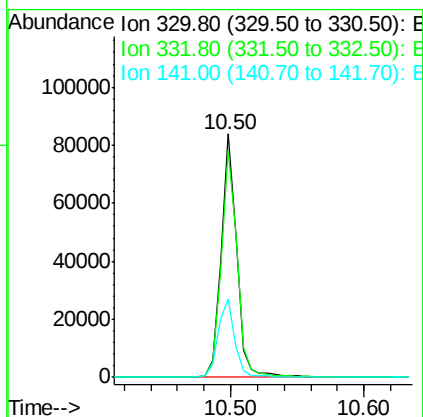
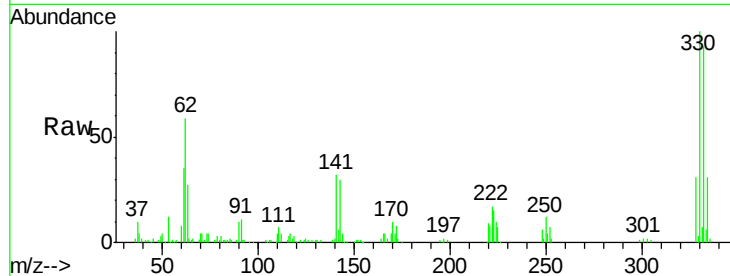




#42
 2,4,6-Tribromophenol
 Concen: 21.404 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF120153.D
 Acq: 23 Apr 2020 5:12

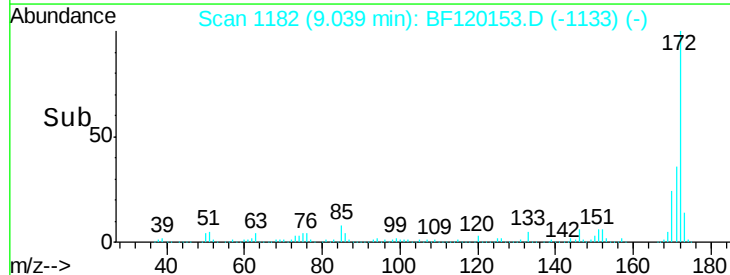
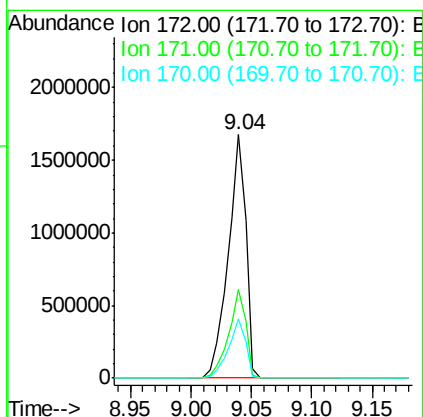
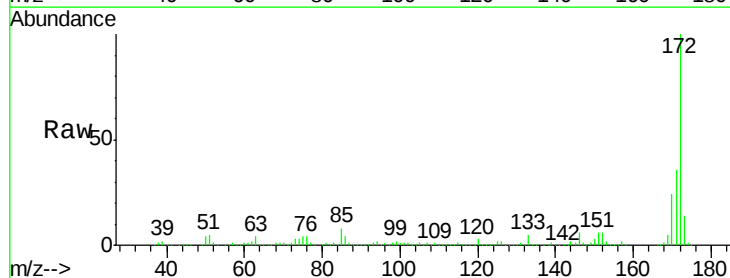
Instrument :
 BNA_F
 ClientSampleId :
 55-ST-27

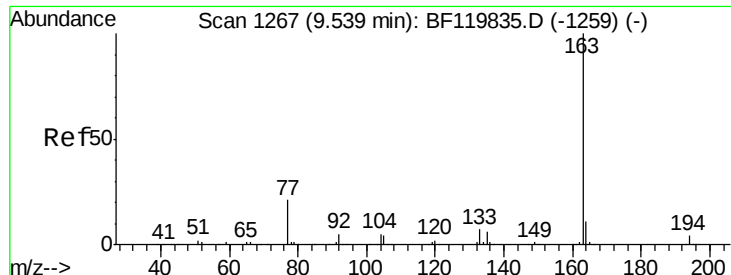
Tot Ion:330 Resp: 69525
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 33.9 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 91.312 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF120153.D
 Acq: 23 Apr 2020 5:12

Tgt Ion:172 Resp: 1706283
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.4 20.2 30.2

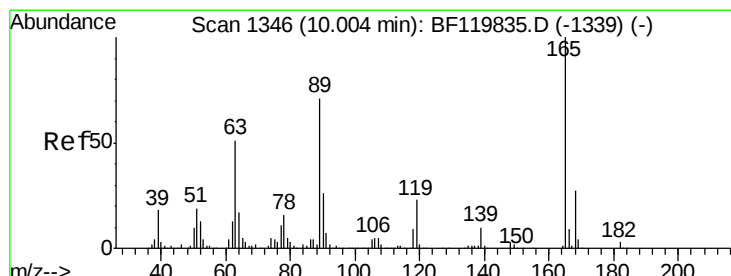
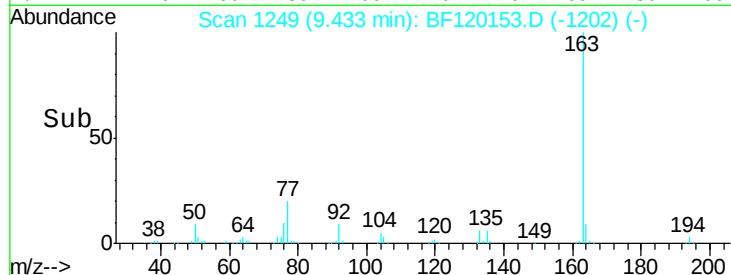
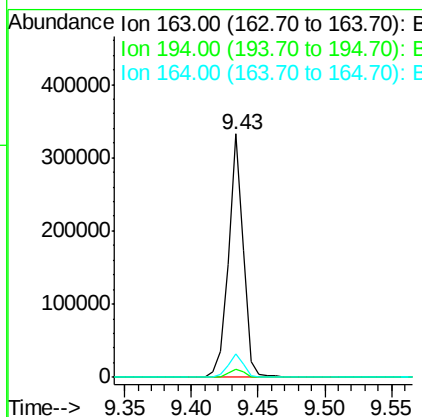
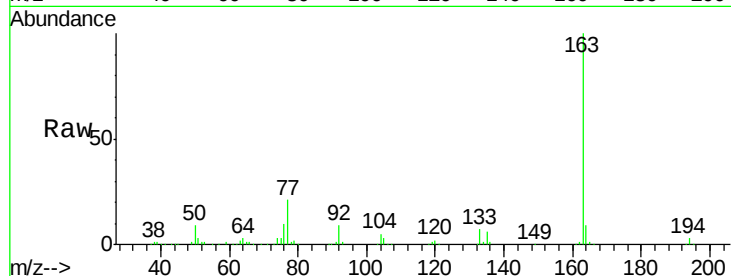




#50
Dimethylphthalate
Concen: 12.720 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF120153.D
Acq: 23 Apr 2020 5:12

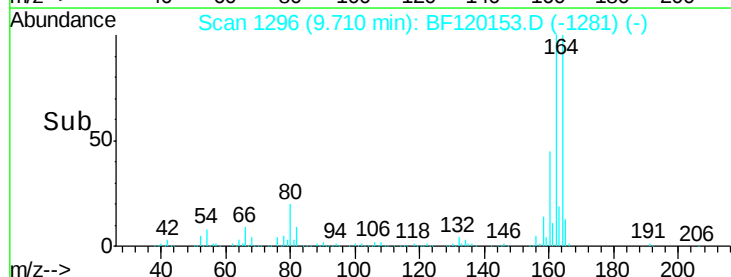
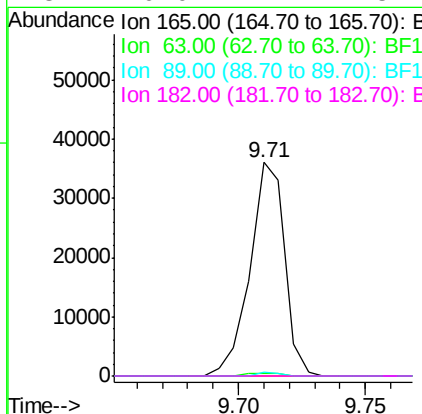
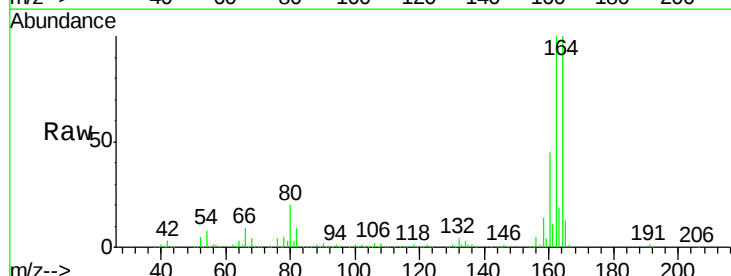
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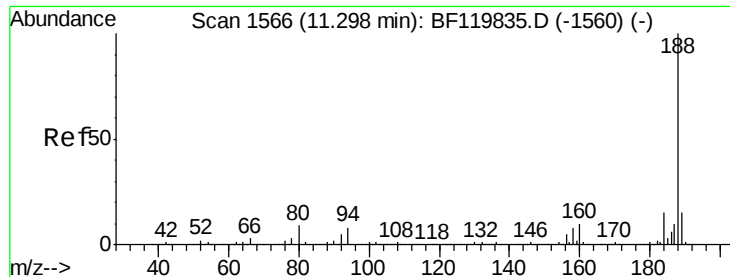
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	9.5	8.2	12.2



#57
2,4-Dinitrotoluene
Concen: 5.795 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.21 min
Lab File: BF120153.D
Acq: 23 Apr 2020 5:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	2.0	61.0	91.4#
182	0.0	2.2	3.2#

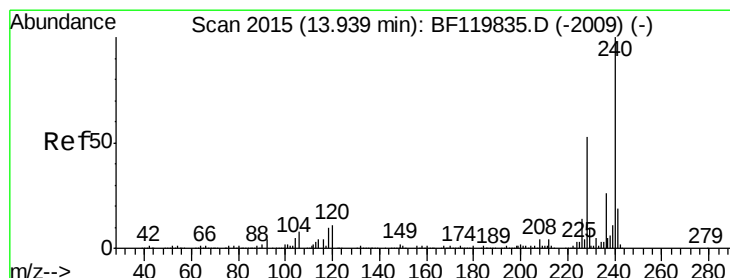
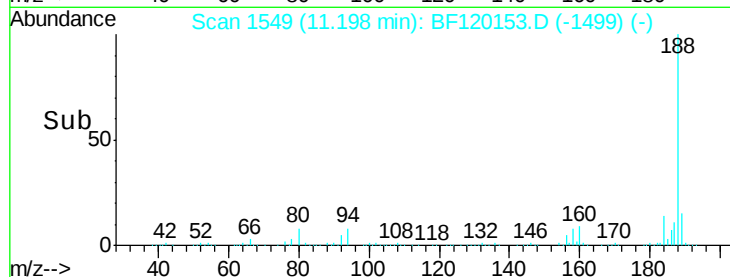
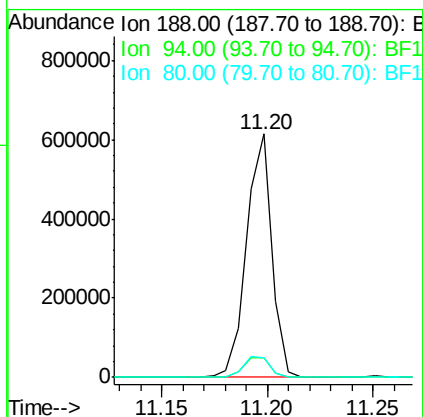
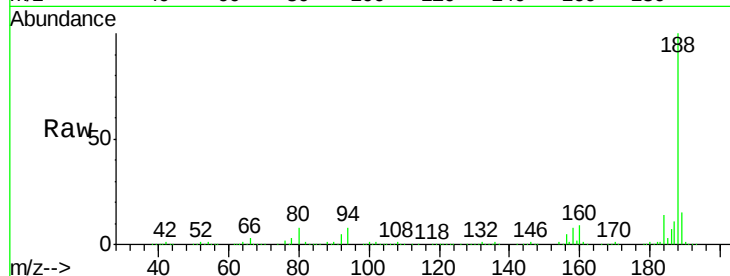




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120153.D
Acq: 23 Apr 2020 5:12

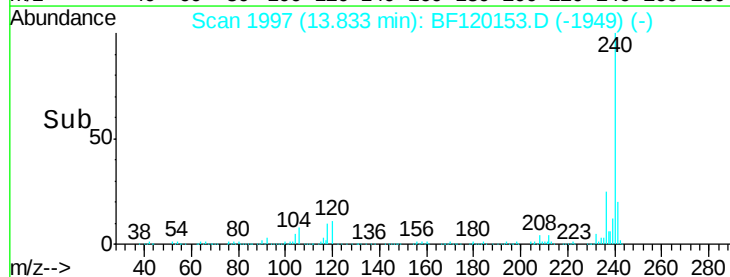
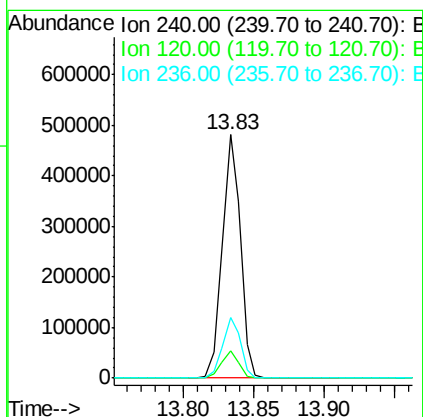
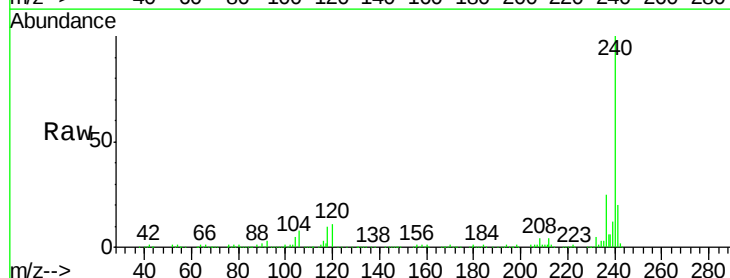
Instrument :
BNA_F
ClientSampleId :
55-ST-27

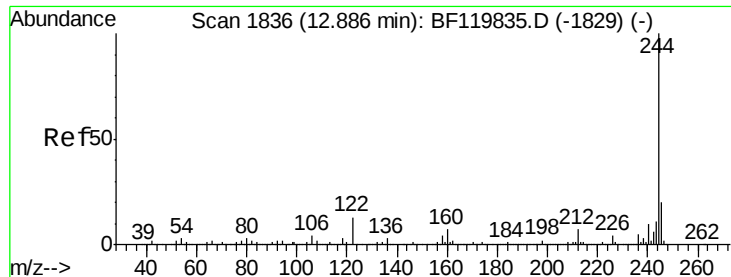
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.5	11.3
80	8.3	9.0	13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF120153.D
Acq: 23 Apr 2020 5:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.6	15.8
236	24.9	20.2	30.2

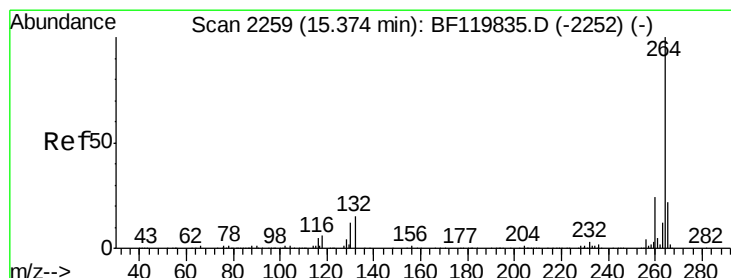
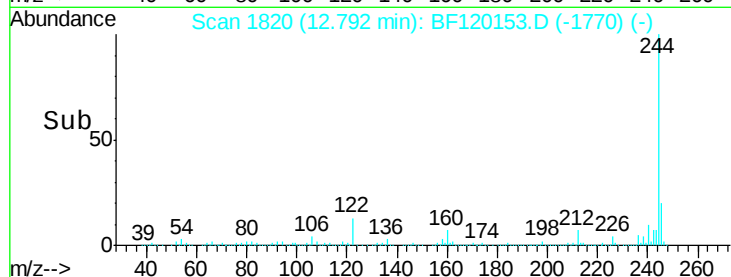
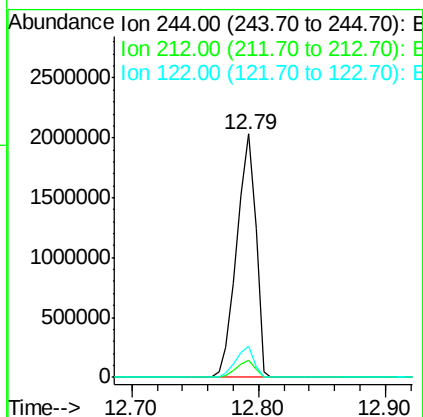
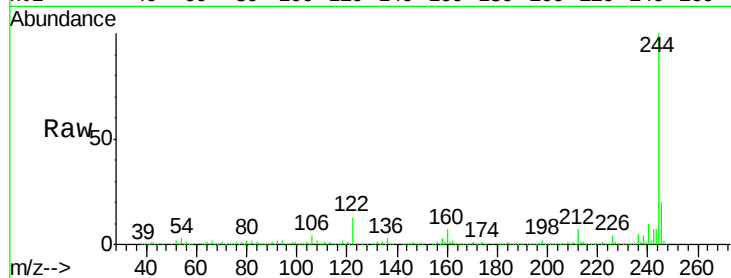




#79
 Terphenyl-d14
 Concen: 82.026 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF120153.D
 Acq: 23 Apr 2020 5:12

Instrument :
 BNA_F
 ClientSampled :
 55-ST-27

Tot Ion:244 Resp: 2096234
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.8 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: BF120153.D
 Acq: 23 Apr 2020 5:12

Tgt Ion:264 Resp: 367405
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.1 17.7 26.5

