

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120430.D
 Acq On : 29 May 2020 1:43
 Operator : MA/SJ
 Sample : L2744-06 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM64-COMP-2020-0-6

Quant Time: May 29 03:33:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

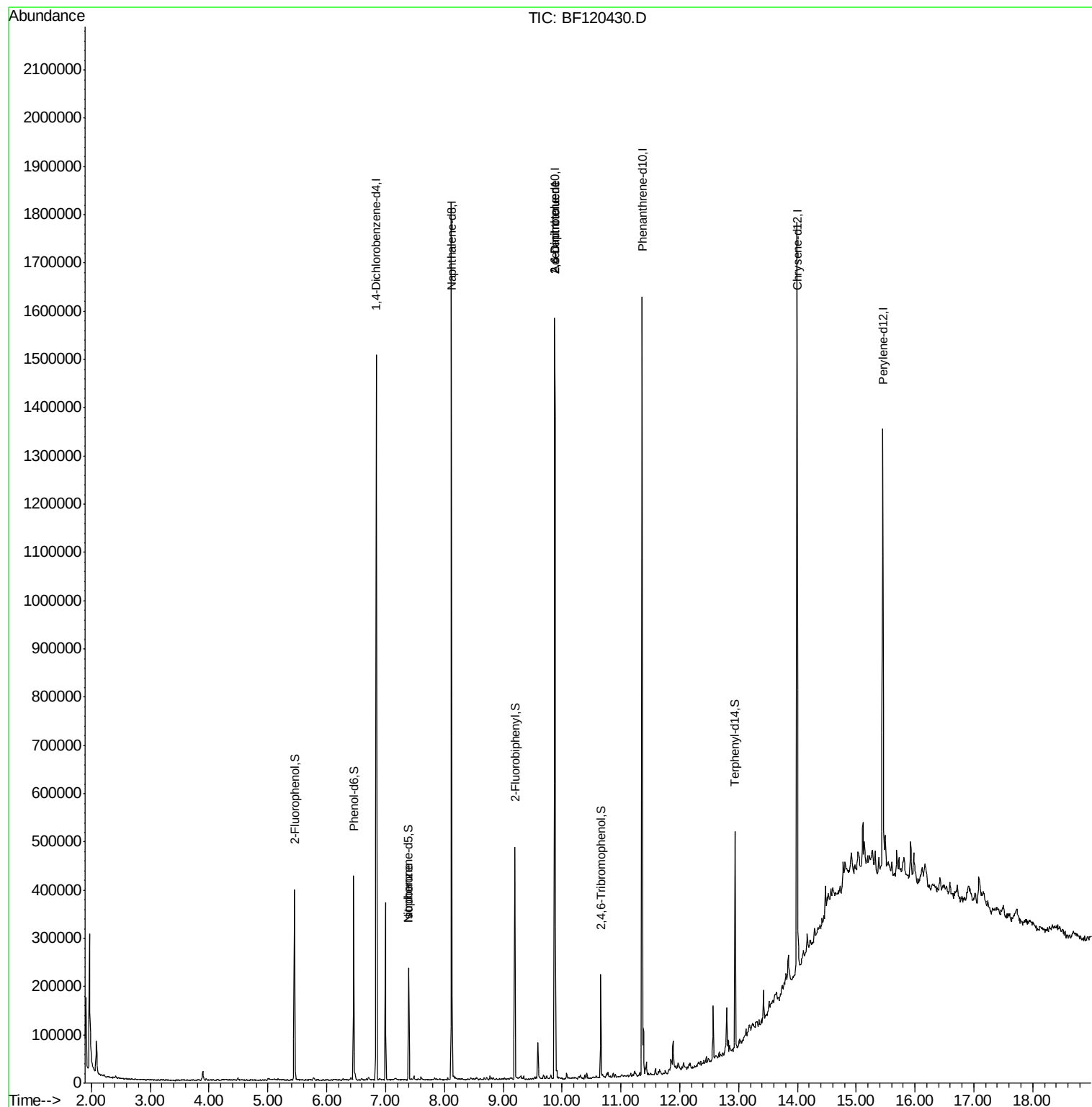
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	215293	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	729270	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	323070	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	581955	20.00	ng	0.00
76) Chrysene-d12	14.00	240	520225	20.00	ng	0.00
86) Perylene-d12	15.45	264	428602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	104707	9.27	ng	0.00
7) Phenol-d6	6.46	99	122991	8.83	ng	-0.01
23) Nitrobenzene-d5	7.39	82	68346	6.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	24896	8.32	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	144990	7.61	ng	0.00
79) Terphenyl-d14	12.95	244	154100	6.59	ng	0.00
Target Compounds						
25) Isophorone	7.39	82	68211	3.044	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	41729	9.297	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	41729	7.264	ng	# 22

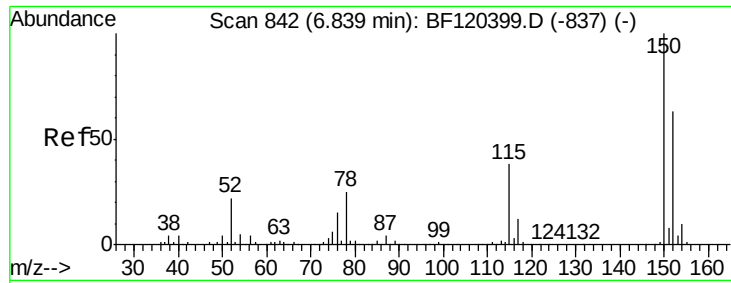
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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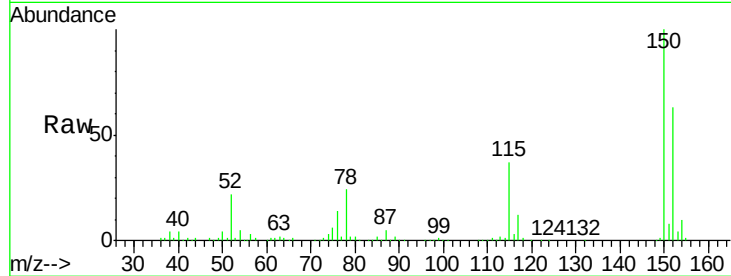


#1

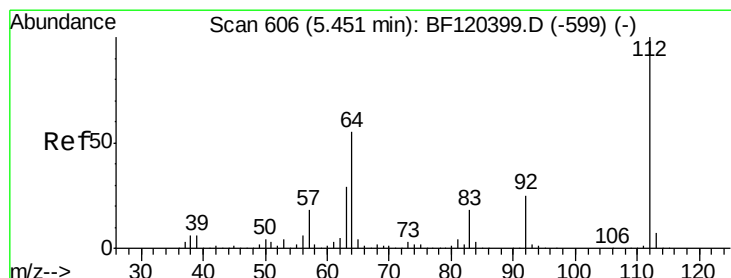
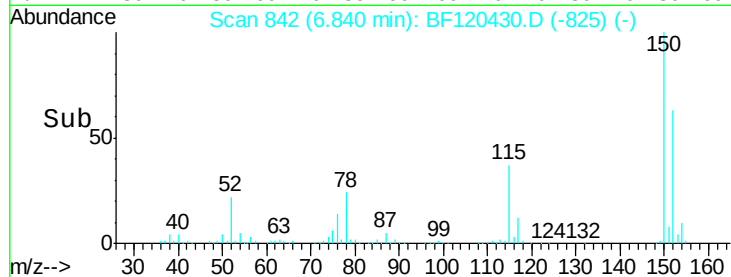
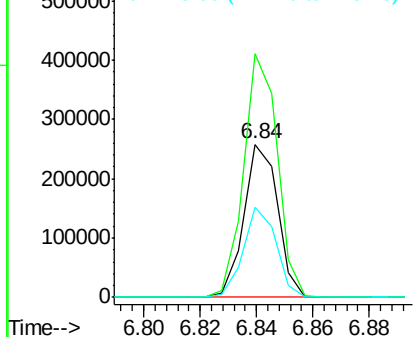
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120430.D
Acq: 29 May 2020 1:43

Instrument :
BNA_F
ClientSampleId :
NM64-COMP-2020-0-6

Tot Ion:152 Resp: 215293
Ion Ratio Lower Upper
152 100
150 159.1 126.5 189.7
115 58.9 47.6 71.4



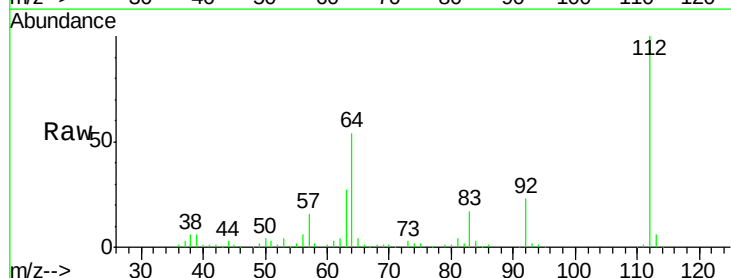
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



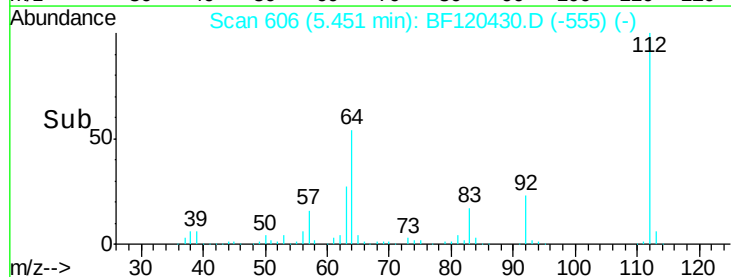
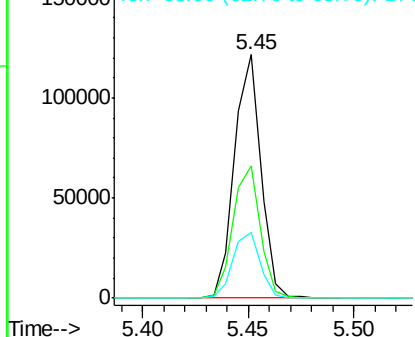
#5

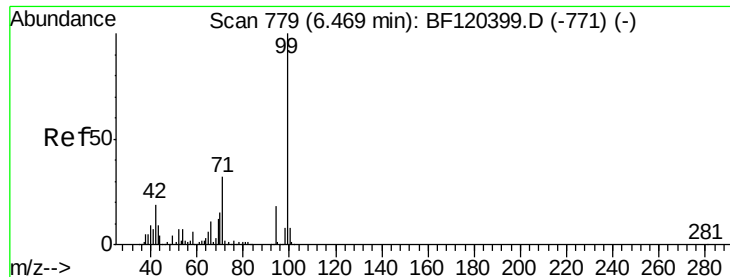
2-Fluorophenol
Concen: 9.269 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120430.D
Acq: 29 May 2020 1:43

Tgt Ion:112 Resp: 104707
Ion Ratio Lower Upper
112 100
64 54.1 44.3 66.5
63 26.8 22.9 34.3



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: 8.833 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

Instrument :

BNA_F

ClientSampleId :

NM64-COMP-2020-0-6

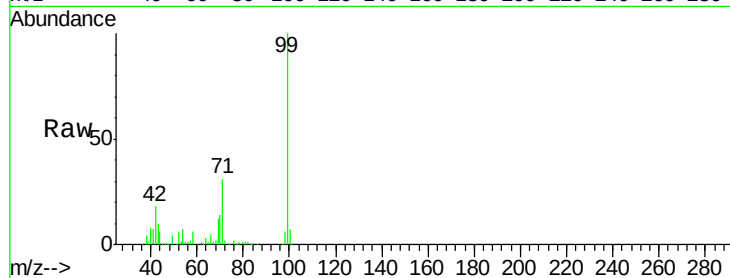
Tot Ion: 99 Resp: 122991

Ion Ratio Lower Upper

99 100

42 18.1 15.2 22.8

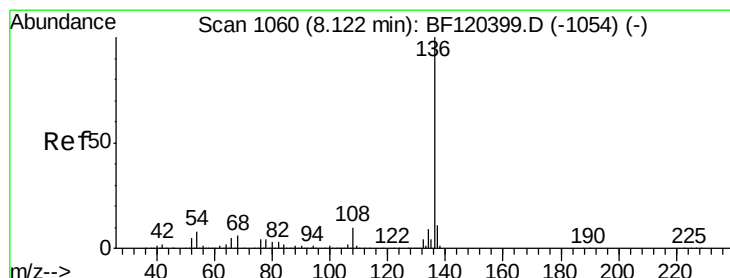
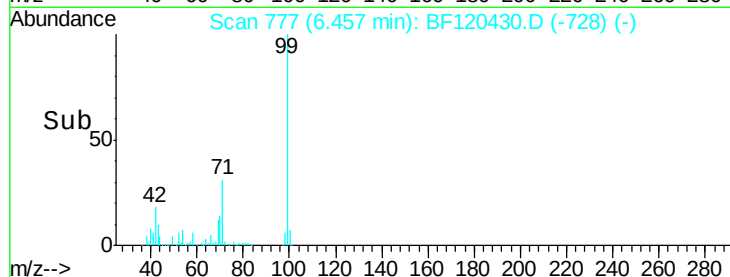
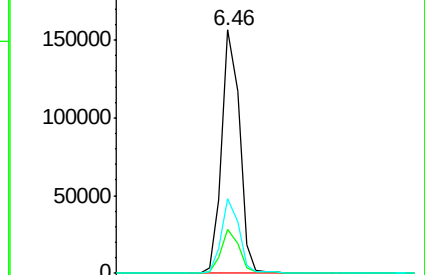
71 30.5 25.6 38.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

Tgt Ion: 136 Resp: 729270

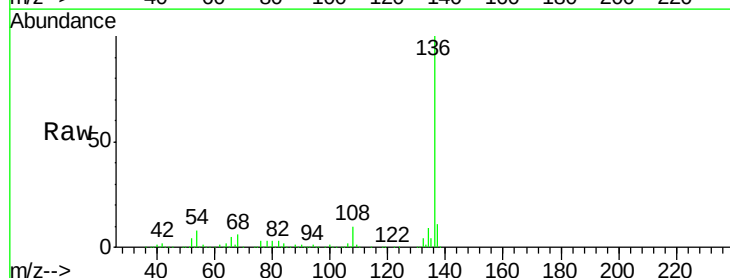
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.1 6.7 10.1

68 6.2 5.0 7.4

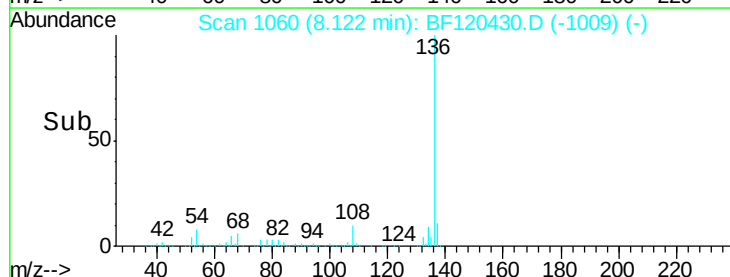
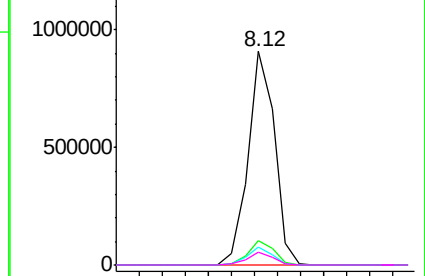


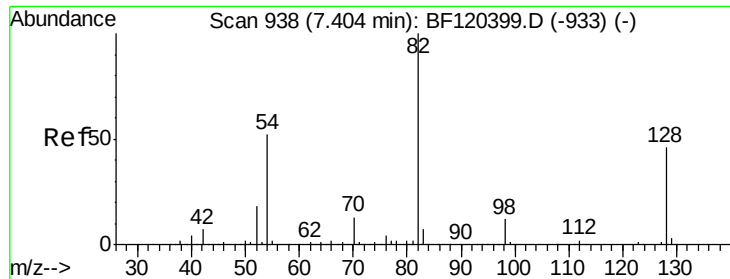
Abundance Ion 136.00 (135.70 to 136.70): E

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

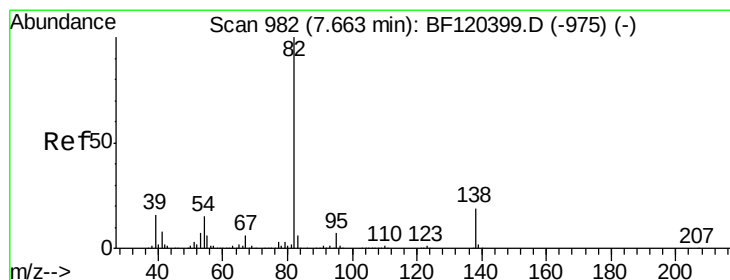
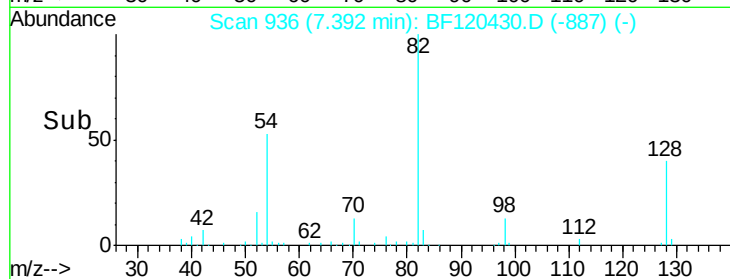
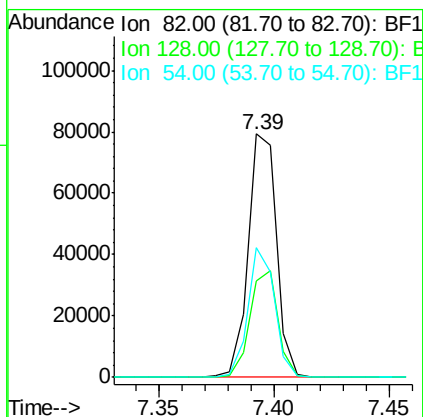
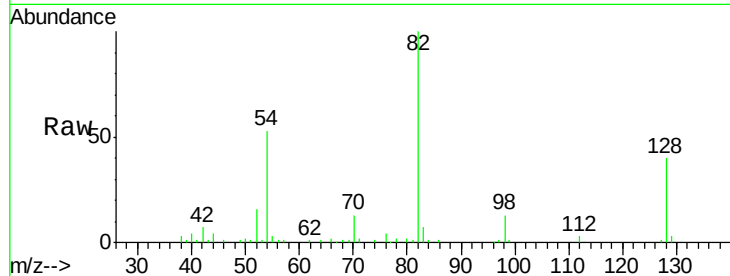




#23
Nitrobenzene-d5
Concen: 6.130 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF120430.D
Acq: 29 May 2020 1:43

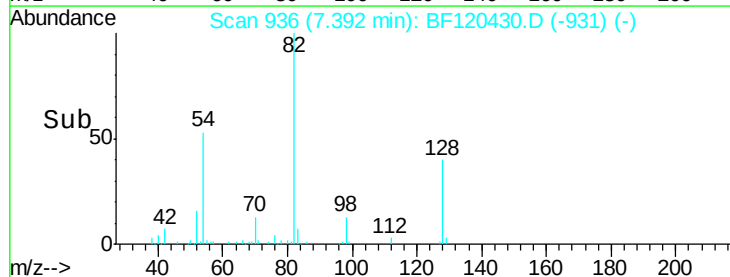
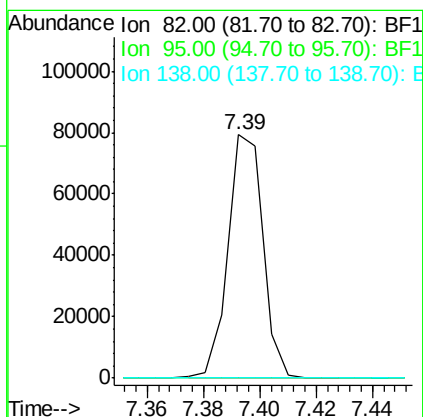
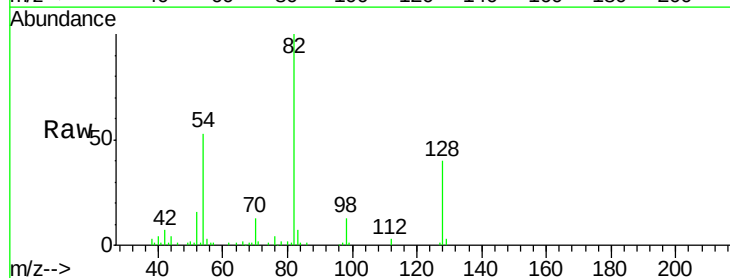
Instrument :
BNA_F
ClientSampleId :
NM64-COMP-2020-0-6

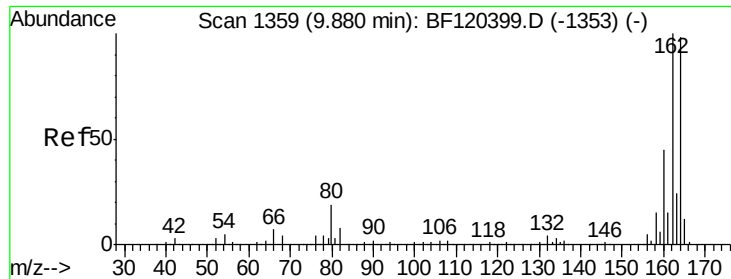
Tot Ion: 82 Resp: 68346
Ion Ratio Lower Upper
82 100
128 39.7 36.8 55.2
54 53.4 41.6 62.4



#25
Isophorone
Concen: 3.044 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.27 min
Lab File: BF120430.D
Acq: 29 May 2020 1:43

Tgt Ion: 82 Resp: 68211
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

Instrument :

BNA_F

ClientSampleId :

NM64-COMP-2020-0-6

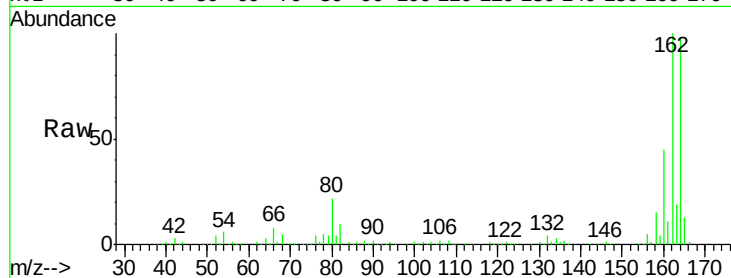
Tot Ion:164 Resp: 323070

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

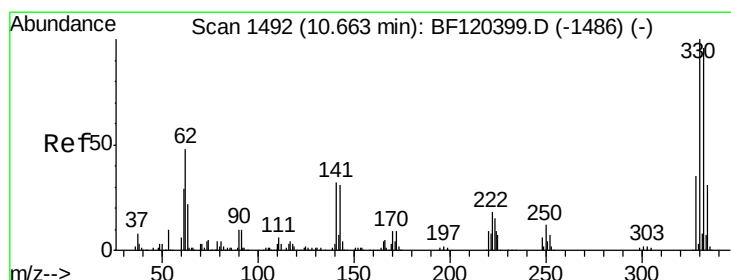
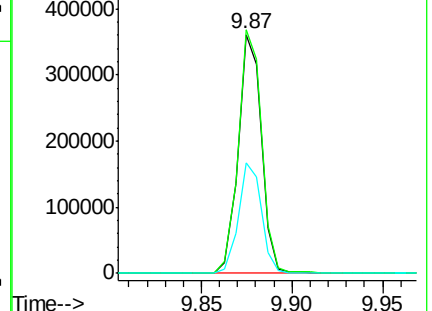
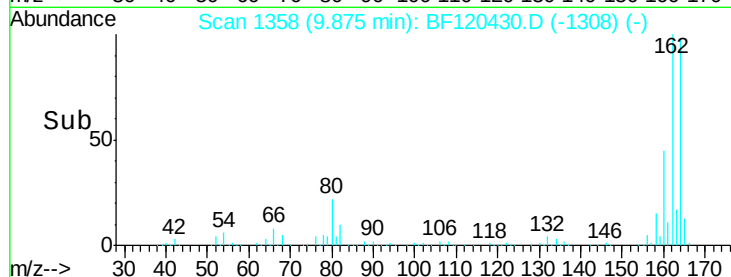
160 46.3 36.9 55.3



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: 8.317 ng

RT: 10.66 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

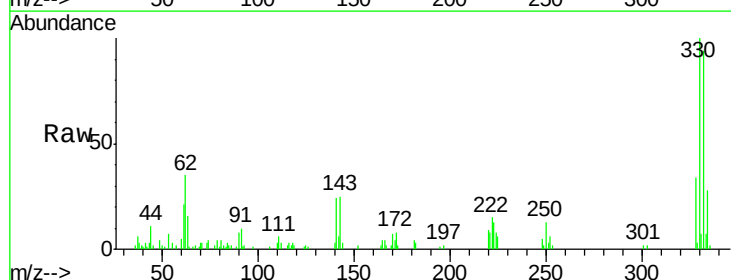
Tgt Ion:330 Resp: 24896

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

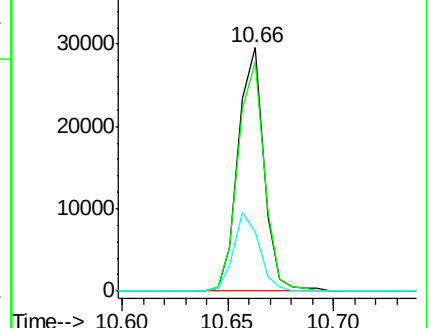
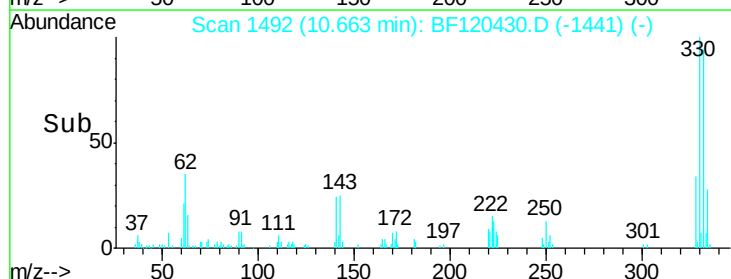
141 32.0 25.3 37.9

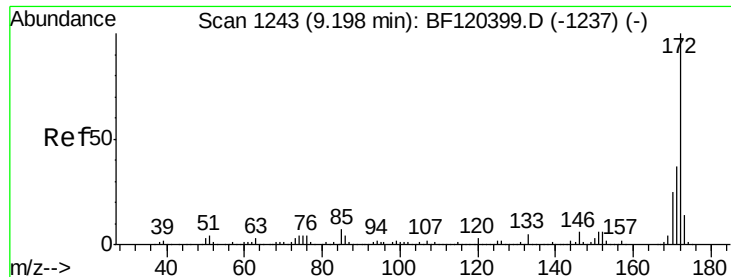


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

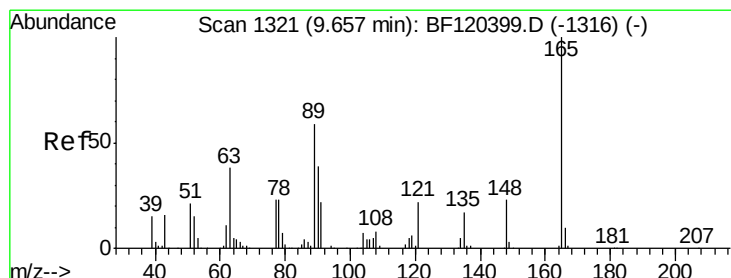
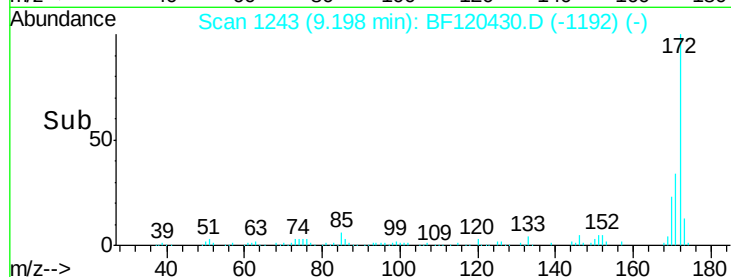
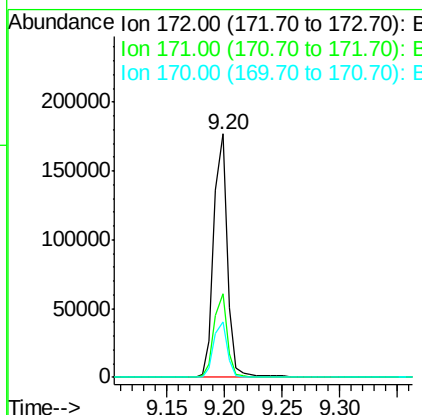
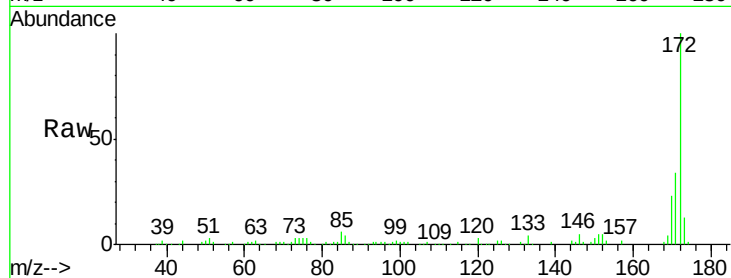




#45
2-Fluorobiphenyl
Concen: 7.615 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120430.D
Acq: 29 May 2020 1:43

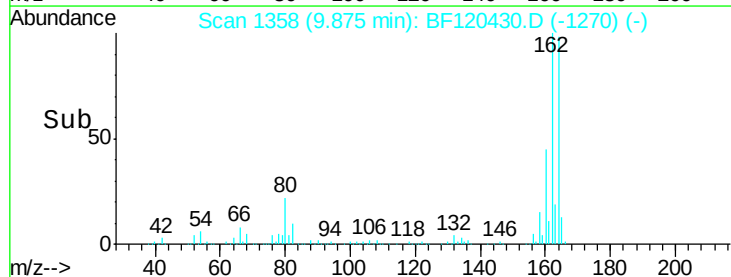
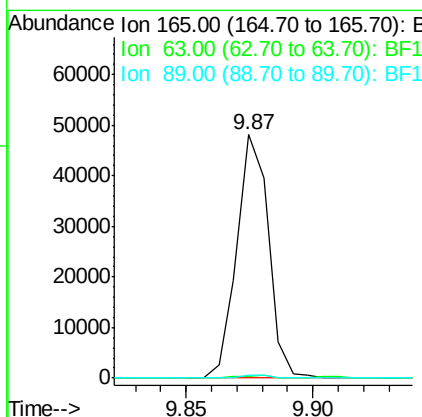
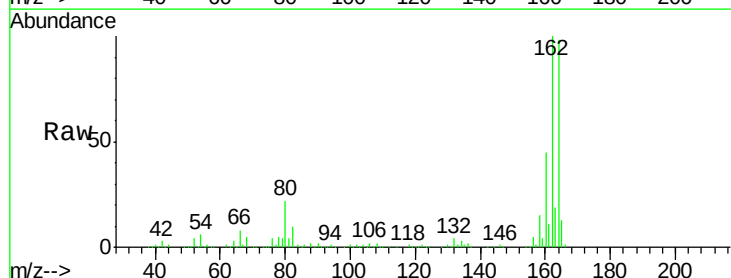
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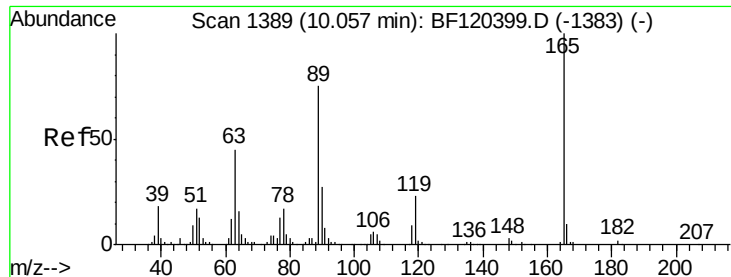
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	22.8	19.9	29.9



#51
2,6-Dinitrotoluene
Concen: 9.297 ng
RT: 9.87 min Scan# 1358
Delta R.T. 0.22 min
Lab File: BF120430.D
Acq: 29 May 2020 1:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	46.9	70.3#
89	1.3	47.5	71.3#

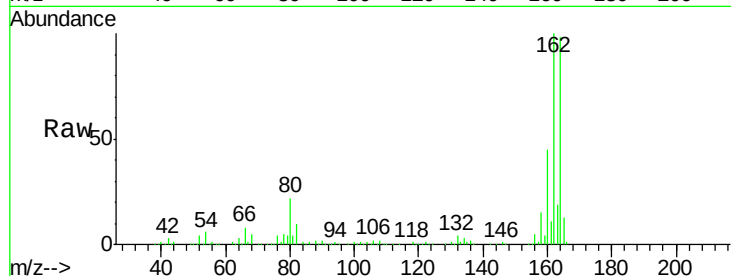




#57
 2,4-Dinitrotoluene
 Concen: 7.264 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.18 min
 Lab File: BF120430.D
 Acq: 29 May 2020 1:43

Instrument :
 BNA_F
 ClientSampleId :
 NM64-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.7	35.9	53.9#
89	1.3	60.0	90.0#
182	0.0	2.0	3.0#

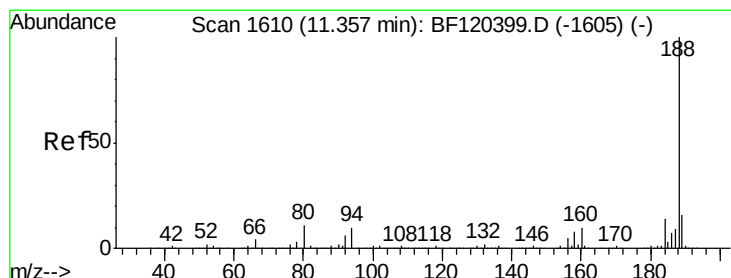
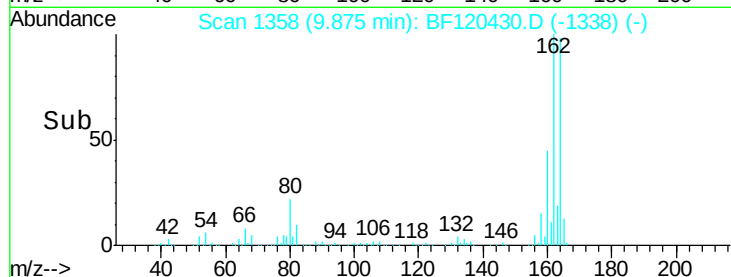
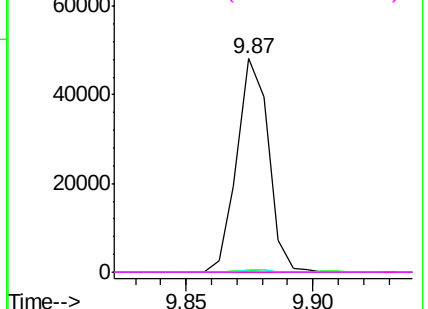


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

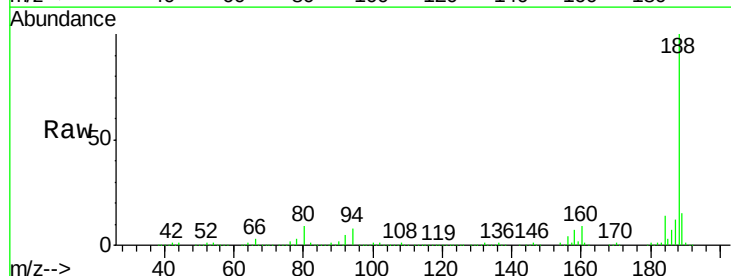
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF120430.D
 Acq: 29 May 2020 1:43

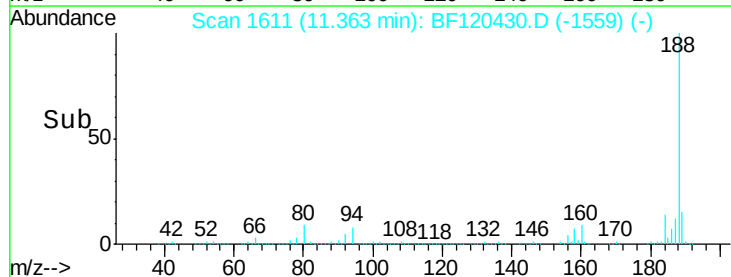
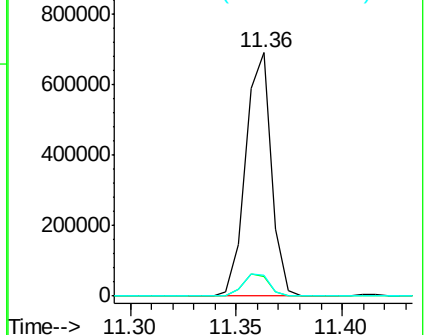
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.9	11.9
80	8.6	8.6	13.0#

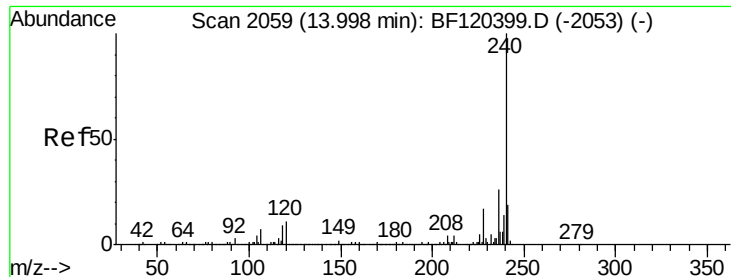


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

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NM64-COMP-2020-0-6

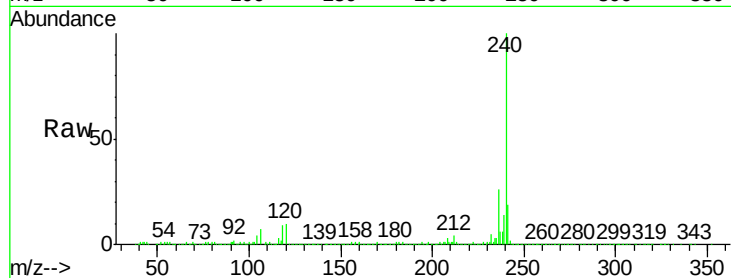
Tot Ion:240 Resp: 520225

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

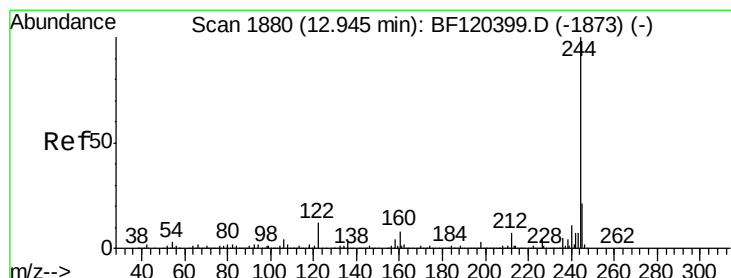
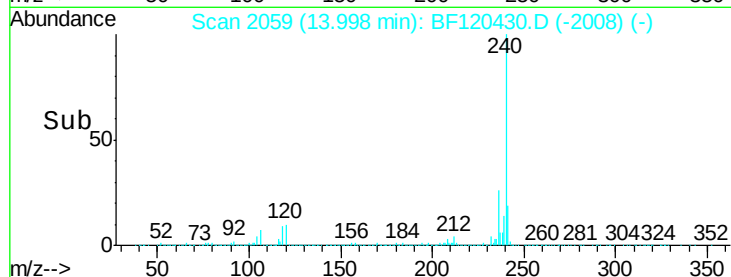
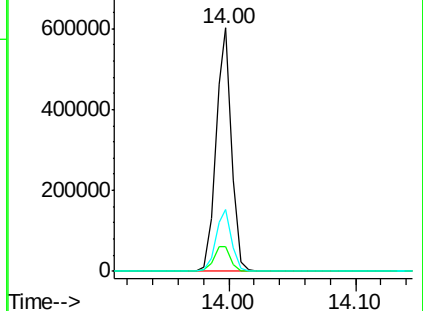
236 25.6 21.0 31.4



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: 6.592 ng

RT: 12.95 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

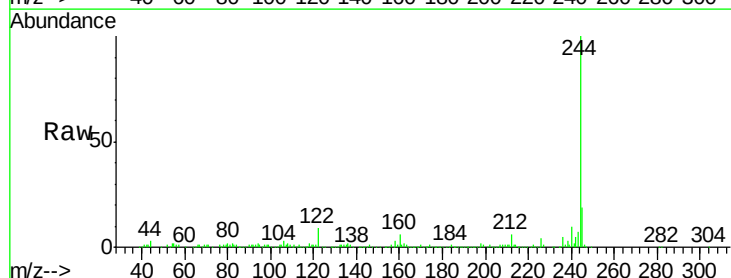
Tgt Ion:244 Resp: 154100

Ion Ratio Lower Upper

244 100

212 6.0 5.9 8.9

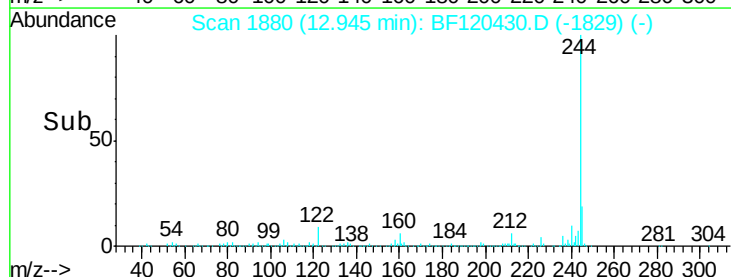
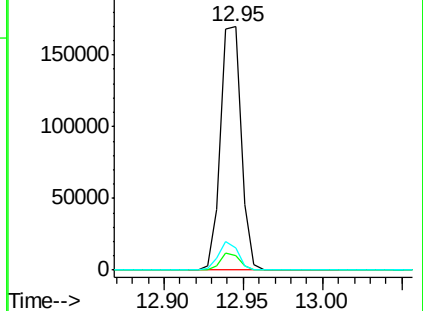
122 9.1 9.2 13.8#

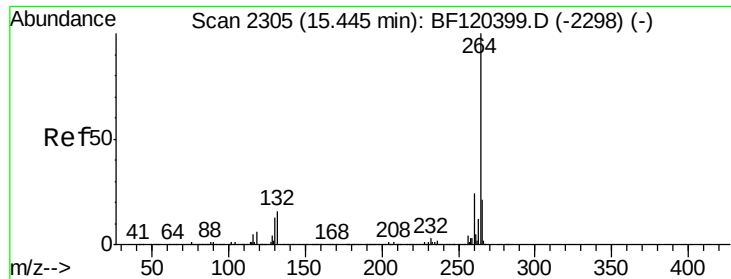


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

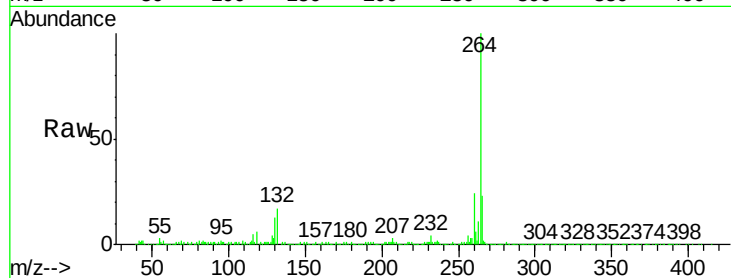




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF120430.D
Acq: 29 May 2020 1:43

Instrument :
BNA_F
ClientSampleId :
NM64-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.5	16.9	25.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

