

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120021.D
 Acq On : 16 Apr 2020 4:40
 Operator : MA/SJ
 Sample : L2261-06
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632-X

Quant Time: Apr 16 05:32:08 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 15 11:01:23 2020
 Response via : Initial Calibration

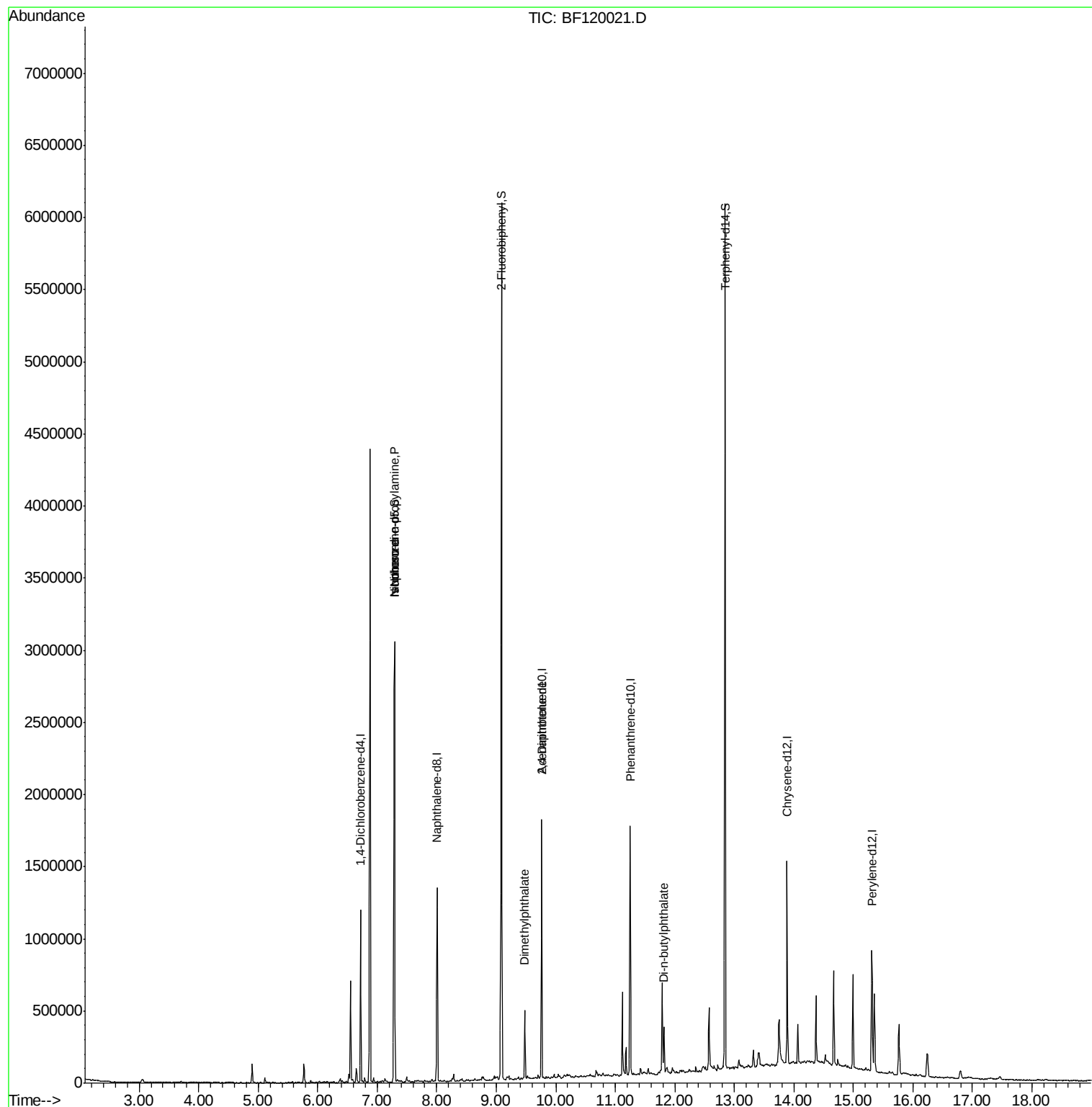
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	160422	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	627589	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	341270	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	653120	20.00	ng	0.00
76) Chrysene-d12	13.89	240	479986	20.00	ng	-0.01
87) Perylene-d12	15.31	264	360374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.36	99	2471	0.21	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1054980	86.96	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	120	0.03	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	2075026	86.33	ng	0.00
79) Terphenyl-d14	12.84	244	2255172	79.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	945	Below Cal		89
19) n-Nitroso-di-n-propylamine	7.29	70	141236	18.362 ng	#	74
25) Isophorone	7.29	82	1054971	45.113 ng	#	65
50) Dimethylphthalate	9.48	163	172292	6.527 ng		99
57) 2,4-Dinitrotoluene	9.76	165	43147	5.665 ng	#	23
74) Di-n-butylphthalate	11.82	149	130717	2.961 ng		99

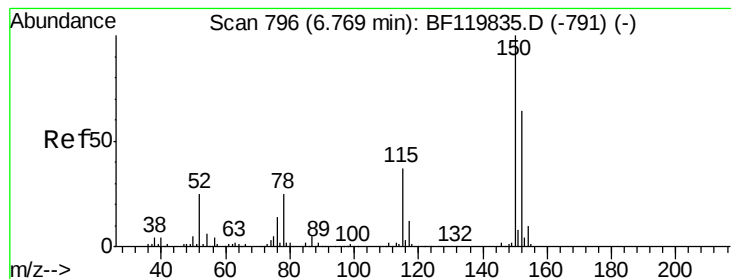
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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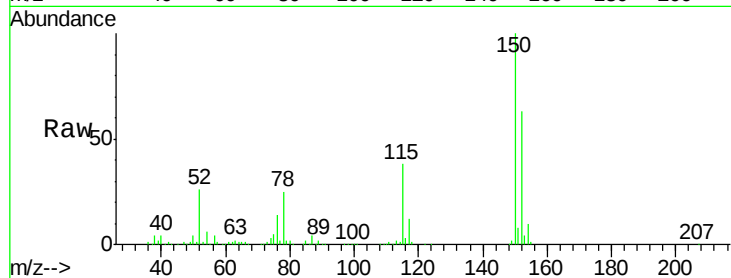


#1

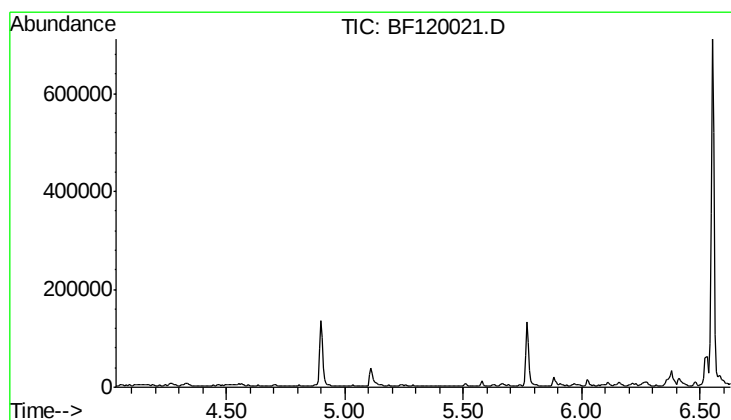
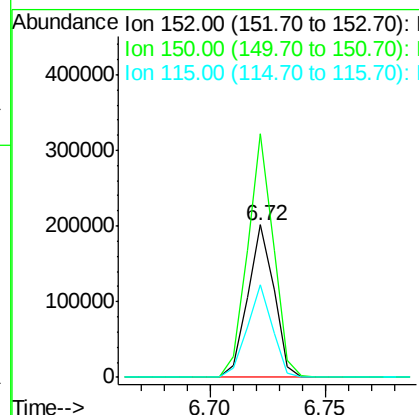
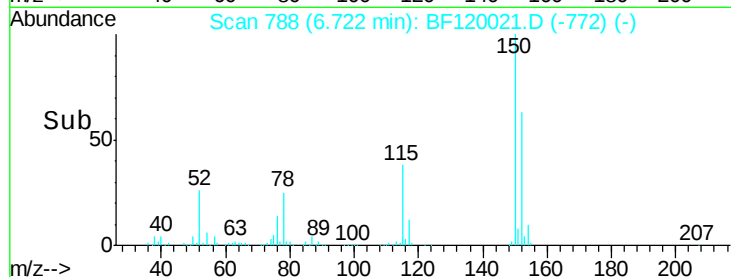
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Instrument :
BNA_F
ClientSampleId :
NCQ-632-X

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.8	187.2
115	60.6	46.5	69.7



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

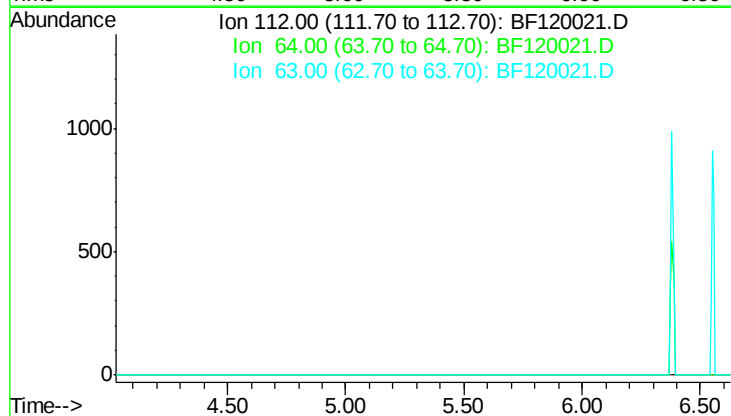


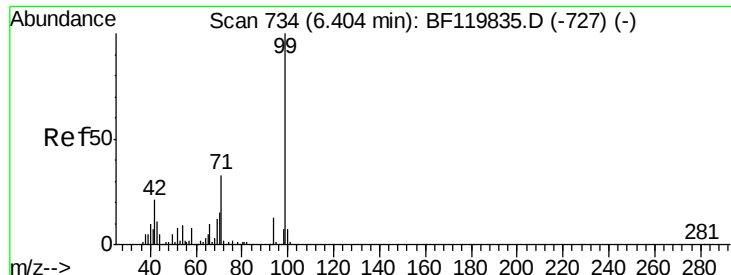
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.33 min

Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Tgt Ion	Sig	Exp Ratio
112	100	
64	69.4	
63	36.4	





#7

Phenol-d6

Concen: 0.207 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

Instrument :

BNA_F

ClientSampleId :

NCQ-632-X

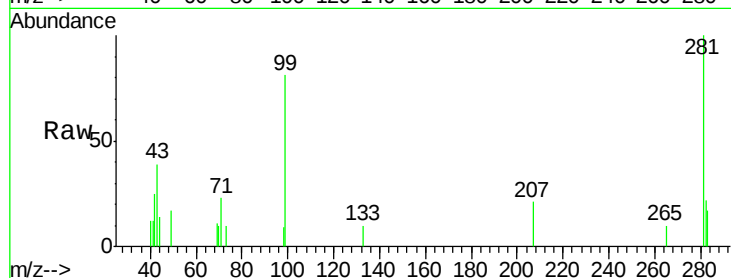
Tot Ion: 99 Resp: 2471

Ion Ratio Lower Upper

99 100

42 30.6 16.9 25.3#

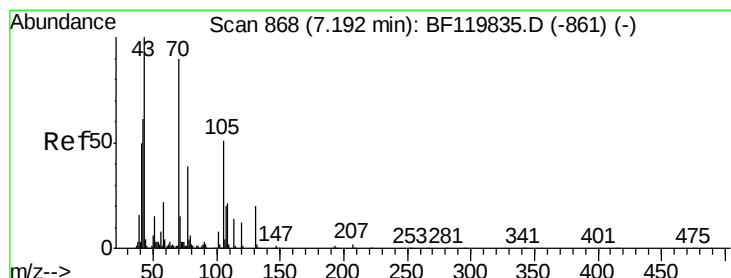
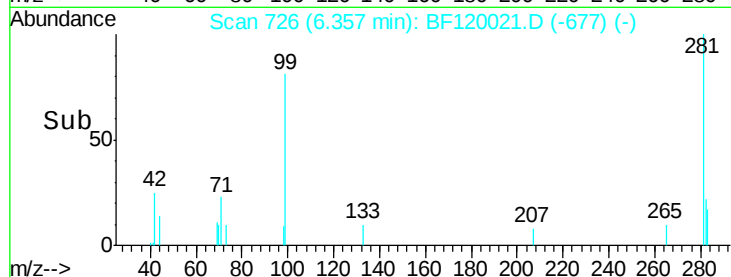
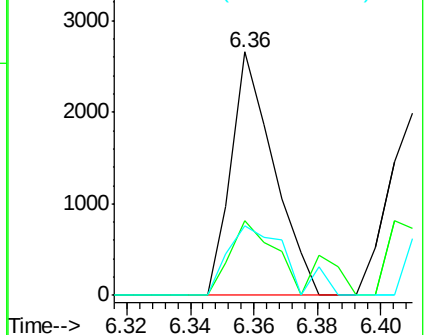
71 28.5 26.3 39.5



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: 18.362 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

Tgt Ion: 70 Resp: 141236

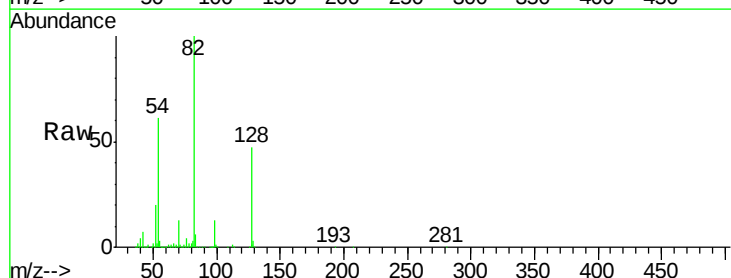
Ion Ratio Lower Upper

70 100

42 50.5 54.2 81.4#

101 0.0 7.4 11.2#

130 2.5 17.8 26.6#

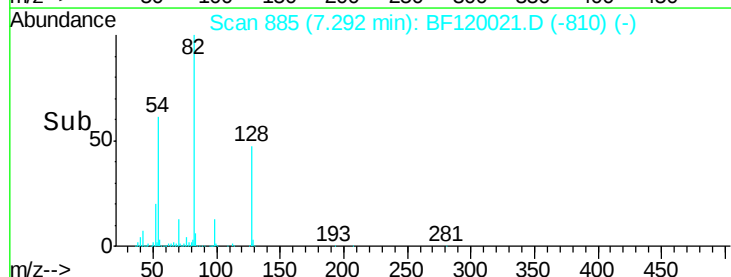
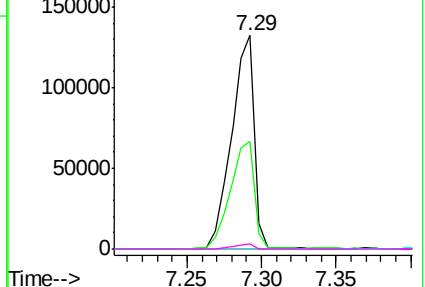


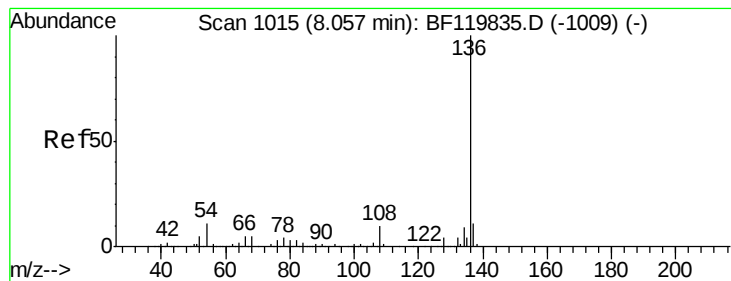
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

Instrument :

BNA_F

ClientSampleId :

NCQ-632-X

Tot Ion:136 Resp: 627589

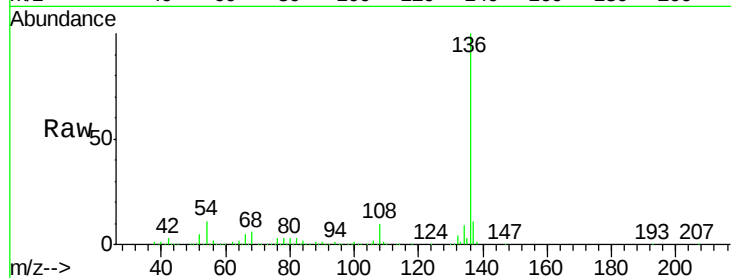
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 11.3 8.5 12.7

68 5.6 3.9 5.9

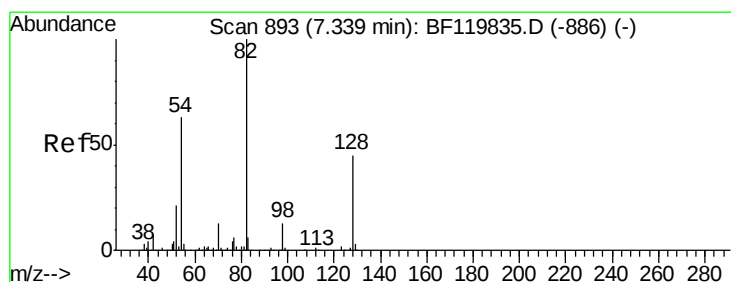
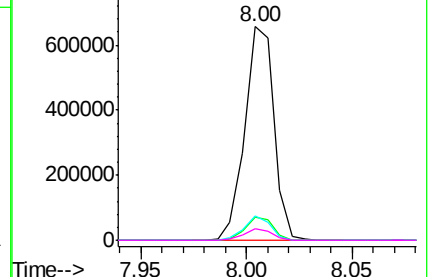
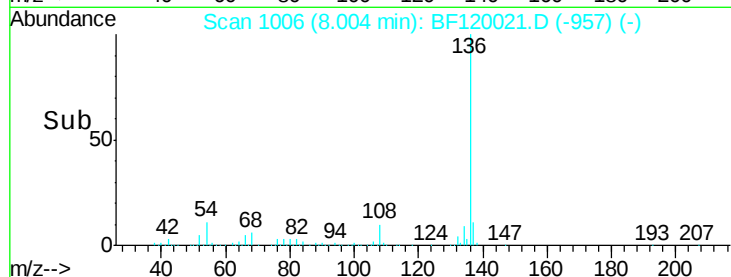


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.964 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

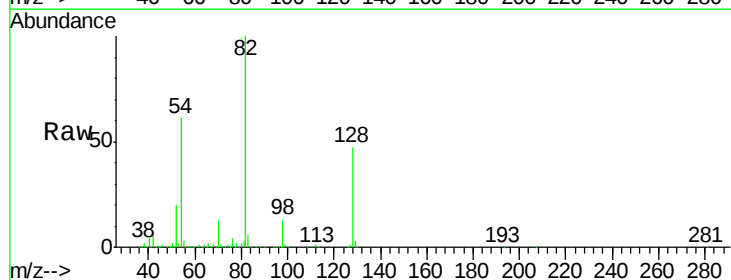
Tgt Ion: 82 Resp: 1054980

Ion Ratio Lower Upper

82 100

128 47.0 36.2 54.4

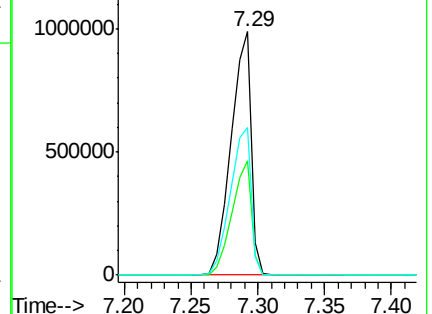
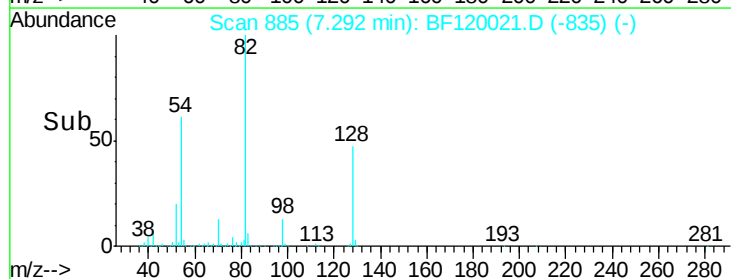
54 60.6 50.4 75.6

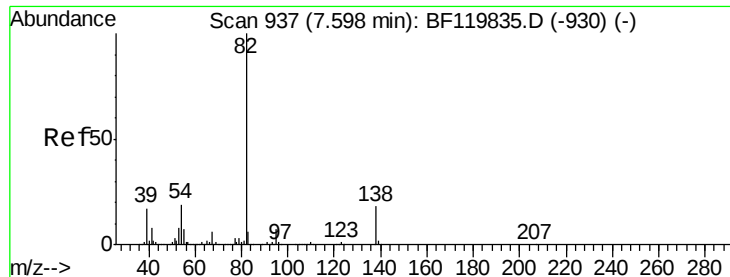


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.113 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

Instrument :

BNA_F

ClientSampleId :

NCQ-632-X

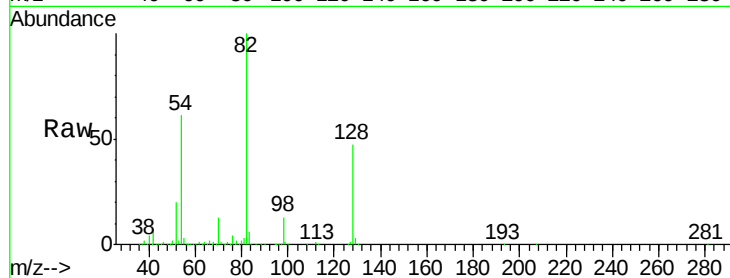
Tot Ion: 82 Resp: 1054971

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

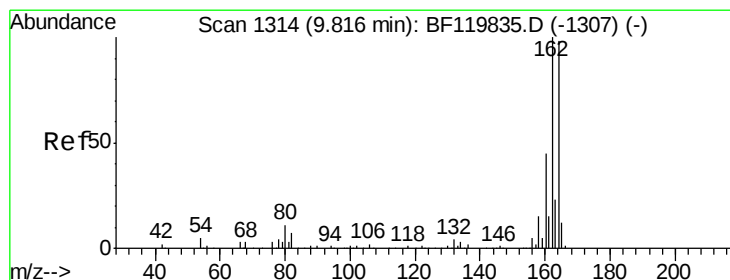
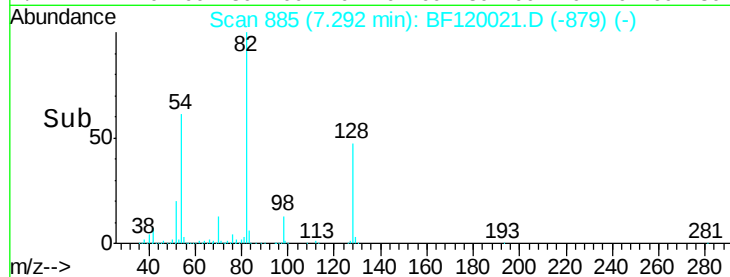
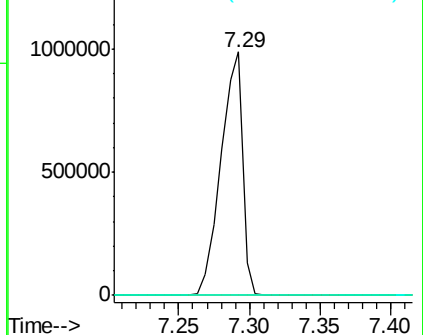
138 0.0 14.5 21.7#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

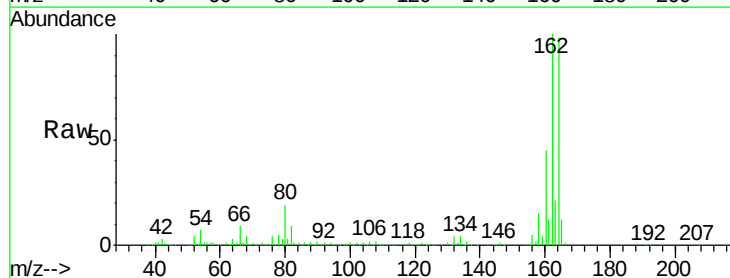
Tgt Ion:164 Resp: 341270

Ion Ratio Lower Upper

164 100

162 101.9 81.9 122.9

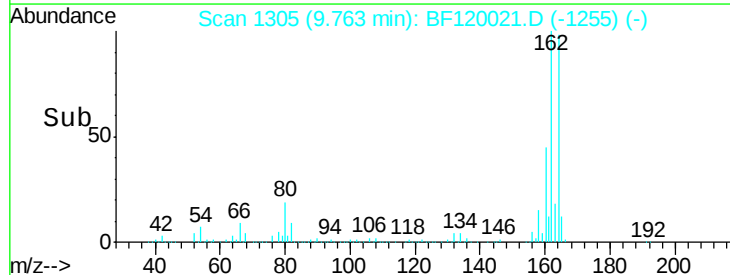
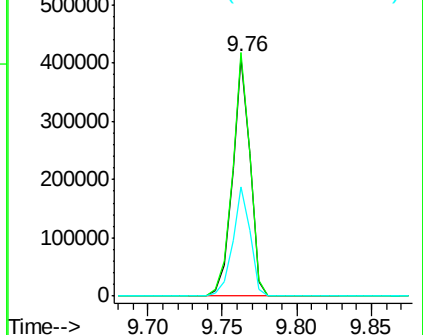
160 45.7 36.6 54.8

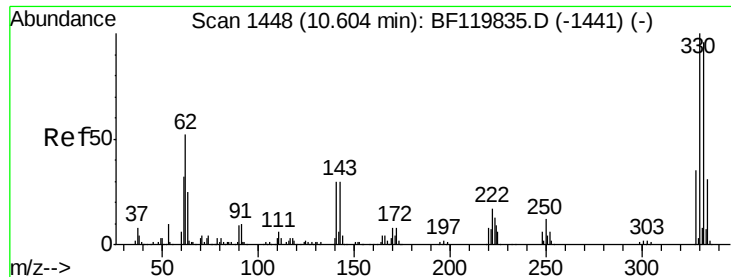


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 0.029 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

Instrument :

BNA_F

ClientSampleId :

NCQ-632-X

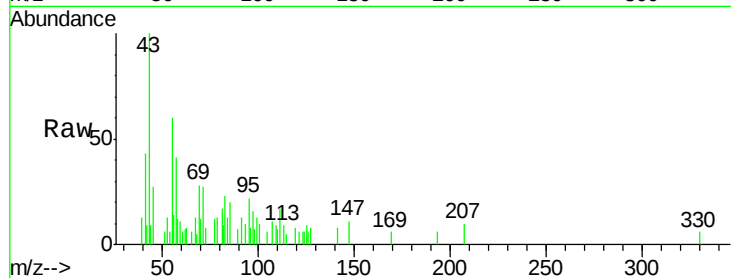
Tot Ion:330 Resp: 120

Ion Ratio Lower Upper

330 100

332 0.0 76.8 115.2#

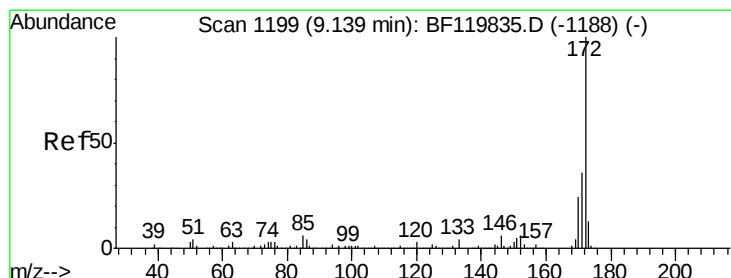
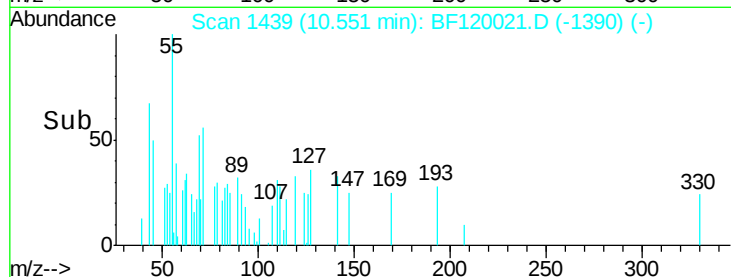
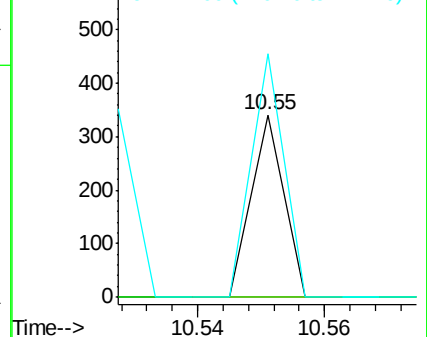
141 134.2 25.1 37.7#



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: 86.327 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

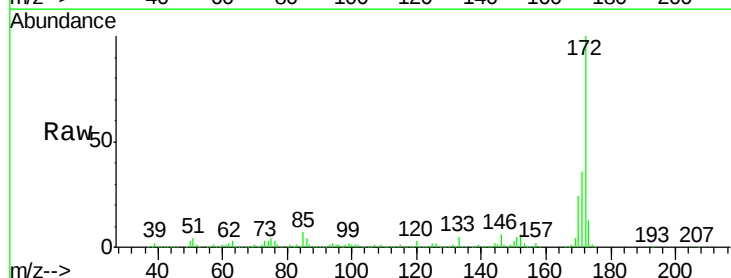
Tgt Ion:172 Resp: 2075026

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

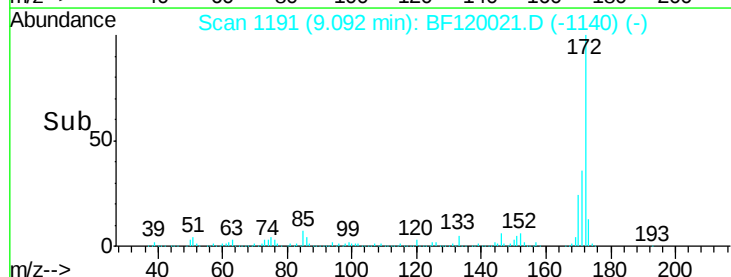
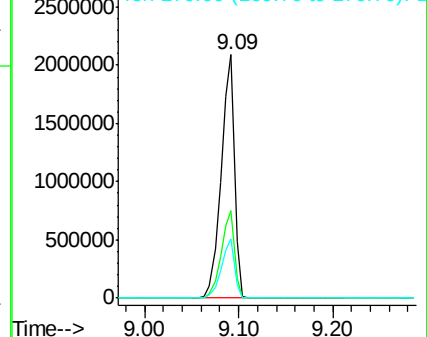
170 24.2 19.4 29.2

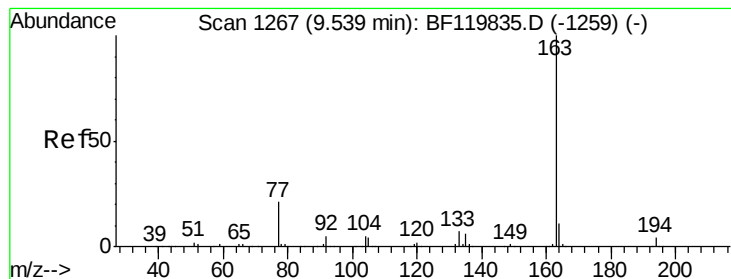


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.527 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

Instrument :

BNA_F

ClientSampled :

NCQ-632-X

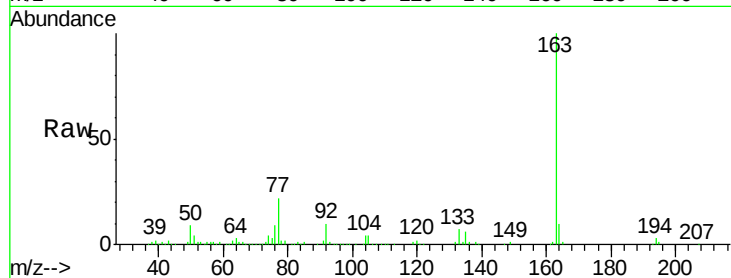
Tot Ion:163 Resp: 172292

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

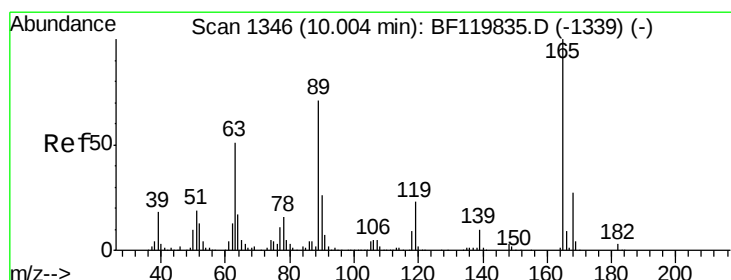
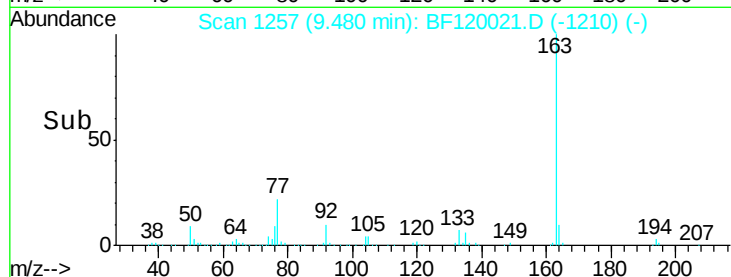
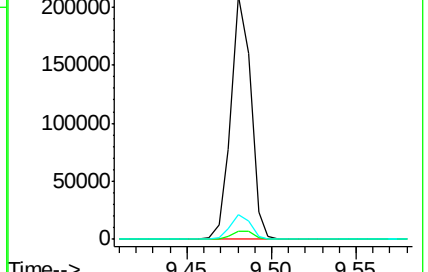
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.665 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.20 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

Tgt Ion:165 Resp: 43147

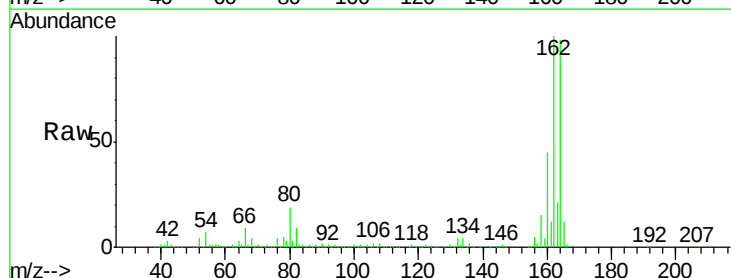
Ion Ratio Lower Upper

165 100

63 1.2 40.8 61.2#

89 1.7 56.9 85.3#

182 0.0 2.0 3.0#

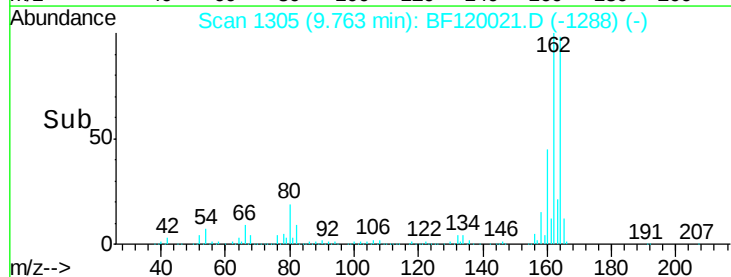
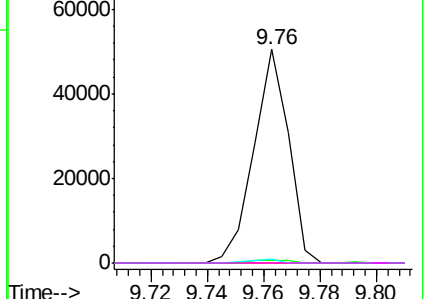


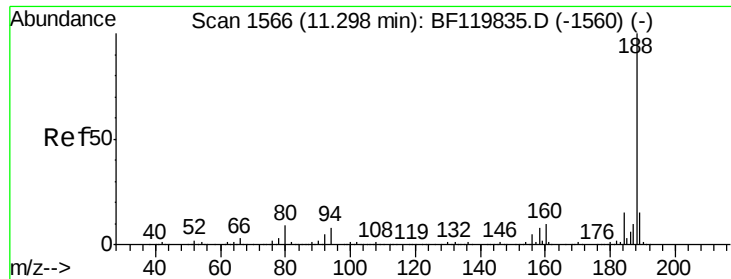
Abundance Ion 165.00 (164.70 to 165.70): E

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

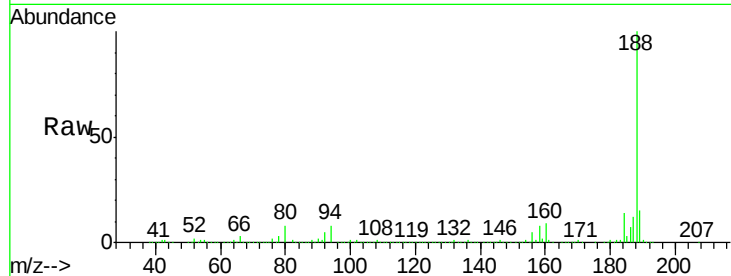




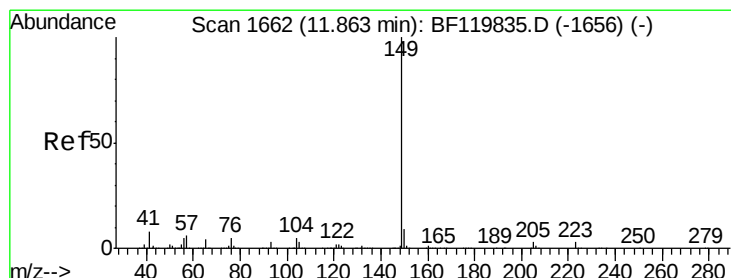
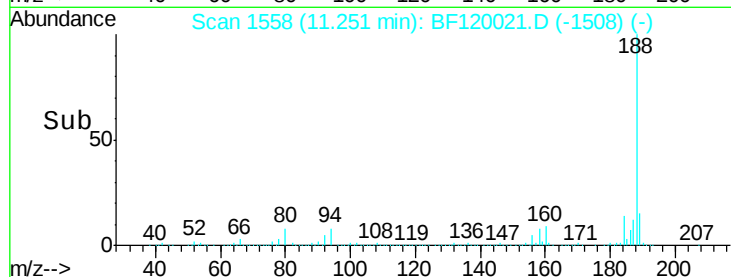
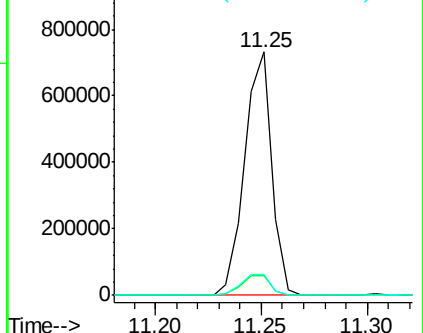
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Instrument :
BNA_F
ClientSampleId :
NCQ-632-X

Tot Ion:188 Resp: 653120
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.5 7.4 11.2

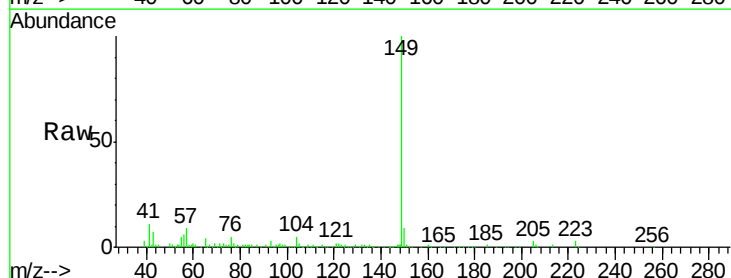


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

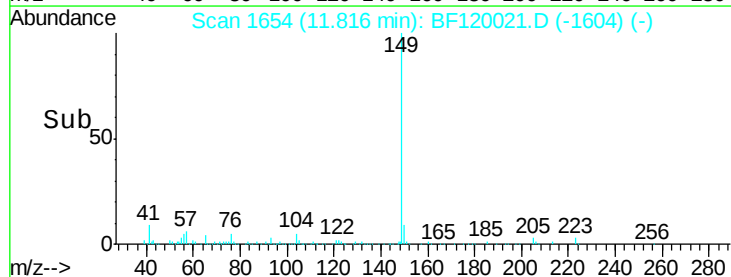
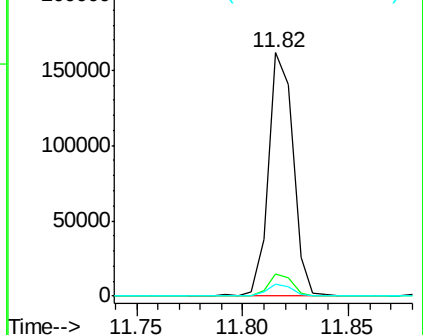


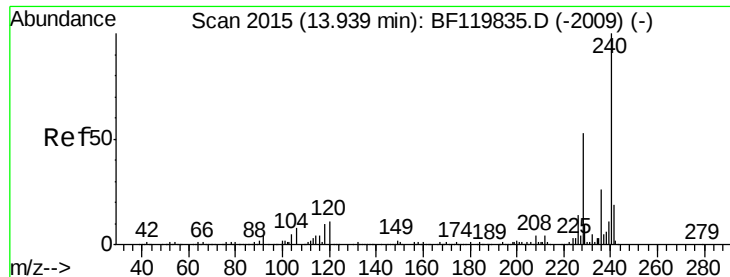
#74
Di-n-butylphthalate
Concen: 2.961 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Tgt Ion:149 Resp: 130717
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 4.8 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

Instrument :

BNA_F

ClientSampleId :

NCQ-632-X

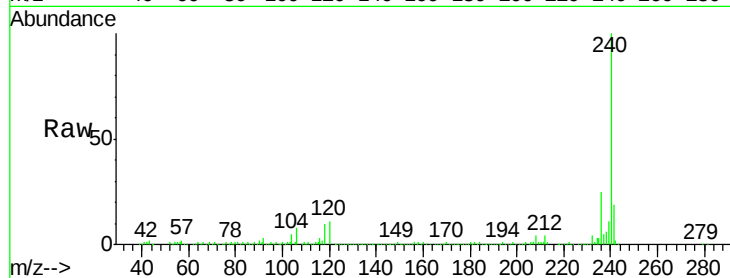
Tot Ion:240 Resp: 479986

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.6

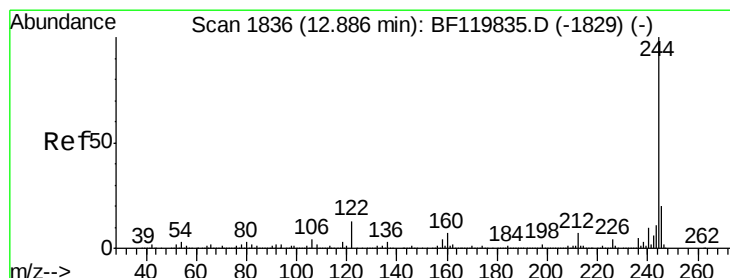
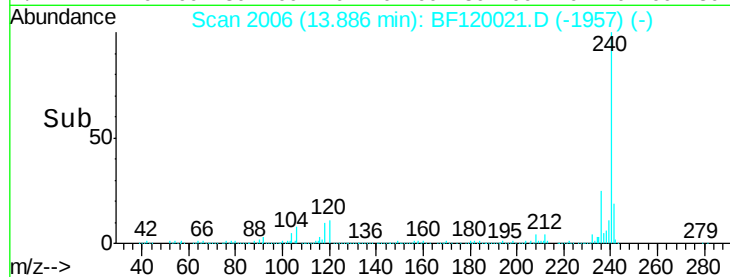
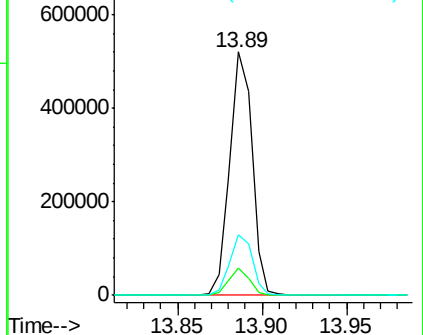
236 24.8 20.7 31.1



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: 79.058 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120021.D

Acq: 16 Apr 2020 4:40

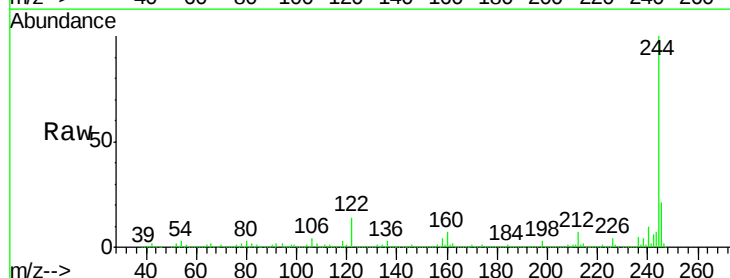
Tgt Ion:244 Resp: 2255172

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

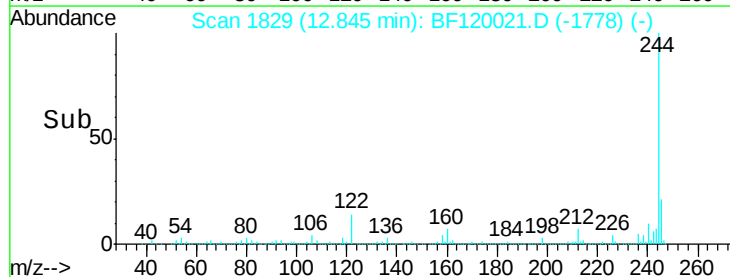
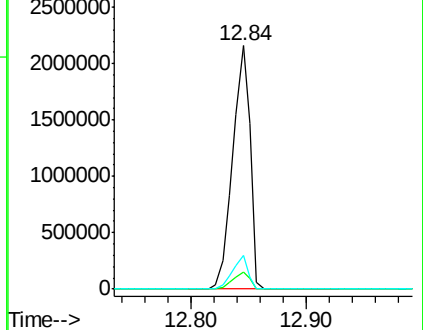
122 13.6 10.3 15.5

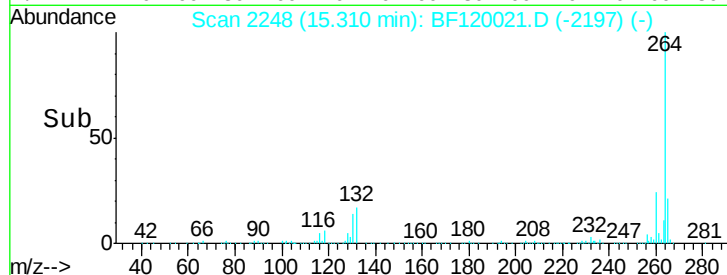
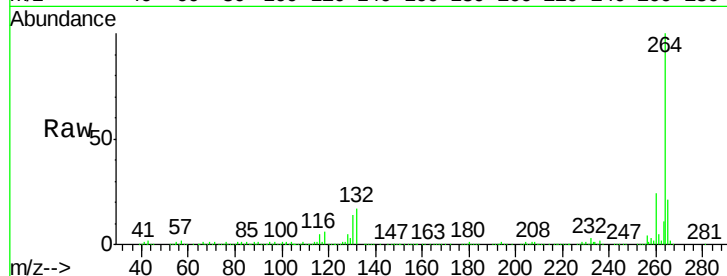
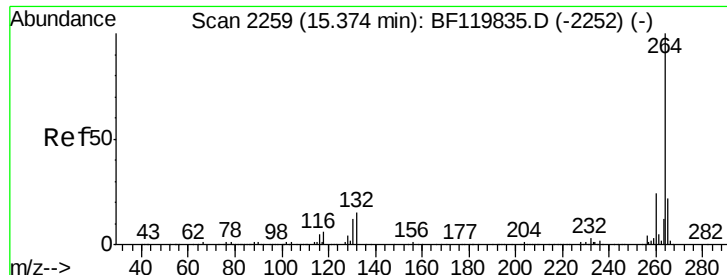


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Instrument :
BNA_F
ClientSampleId :
NCQ-632-X

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.4	17.6	26.4

