

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120020.D
 Acq On : 16 Apr 2020 4:13
 Operator : MA/SJ
 Sample : L2261-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

Quant Time: Apr 16 05:31:57 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

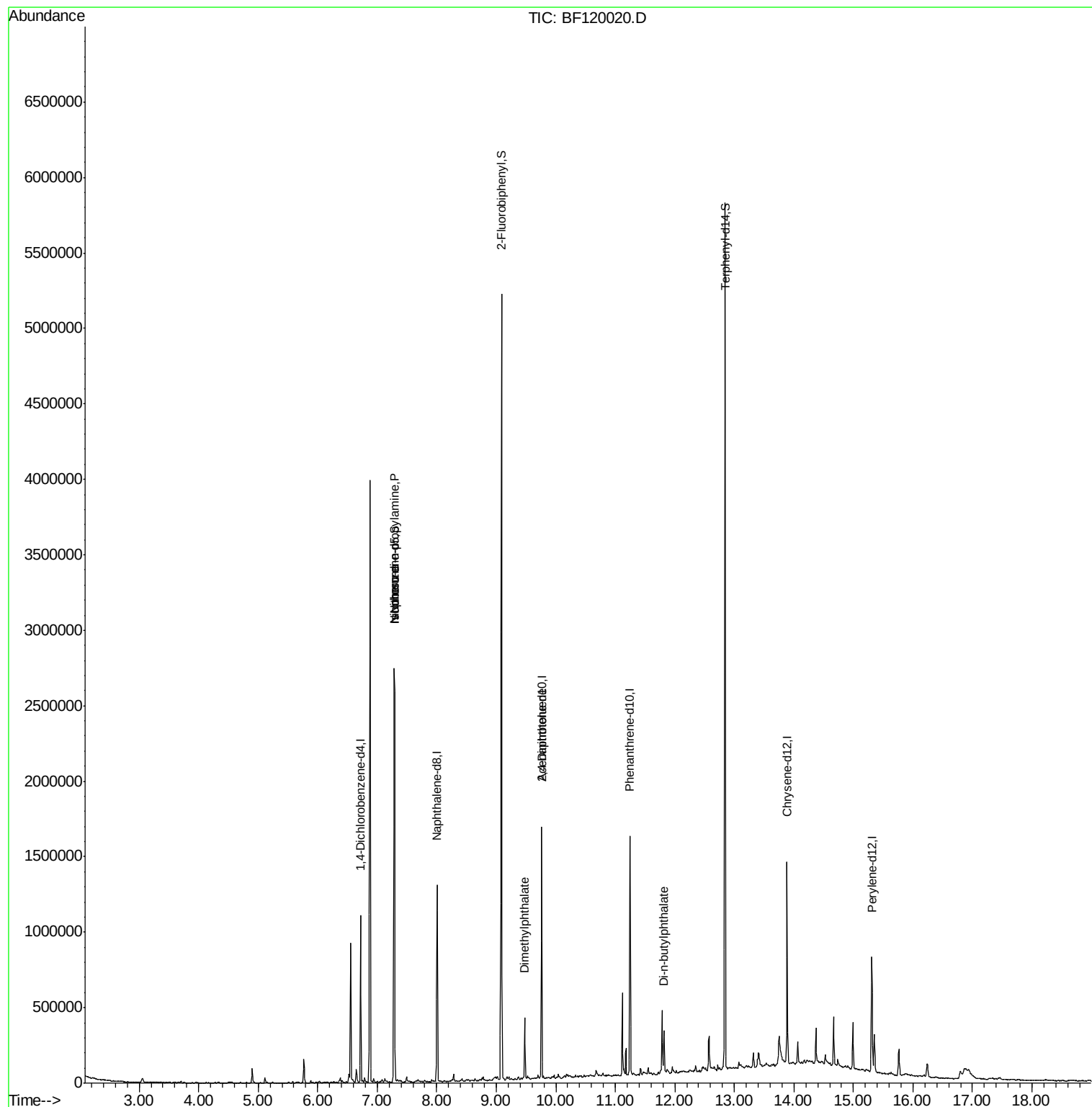
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149947	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	585170	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	314178	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	605101	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	442382	20.00	ng	-0.01
87) Perylene-d12	15.31	264	328835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	317	0.04	ng	0.01
7) Phenol-d6	6.36	99	3156	0.28	ng	0.00
23) Nitrobenzene-d5	7.29	82	953563	84.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	491	0.13	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1869946	84.50	ng	0.00
79) Terphenyl-d14	12.85	244	2114127	80.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	1131	Below Cal		88
19) n-Nitroso-di-n-propylamine	7.29	70	124257	17.283 ng	#	78
25) Isophorone	7.29	82	953553	43.732 ng	#	65
50) Dimethylphthalate	9.48	163	138236	5.688 ng		100
57) 2,4-Dinitrotoluene	9.76	165	39695	5.662 ng	#	23
74) Di-n-butylphthalate	11.82	149	128162	3.134 ng		99

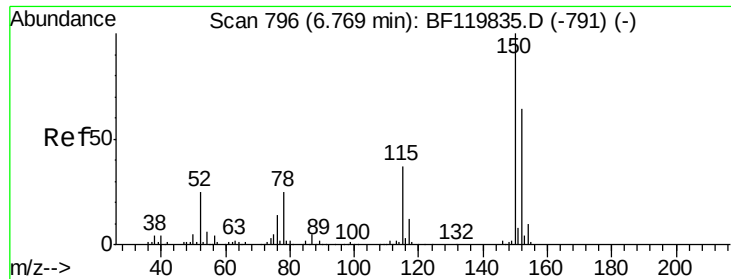
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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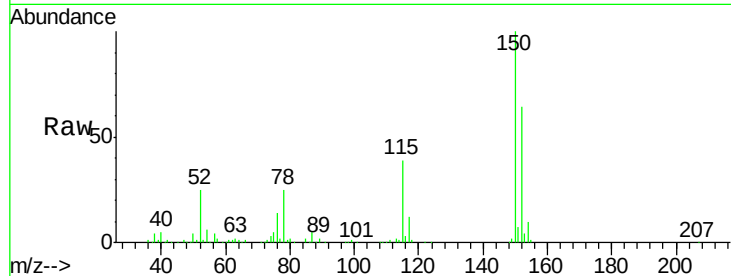


#1

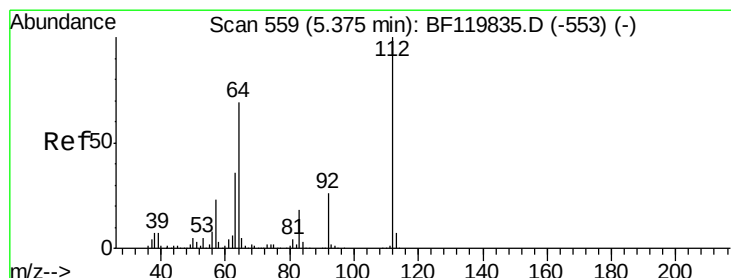
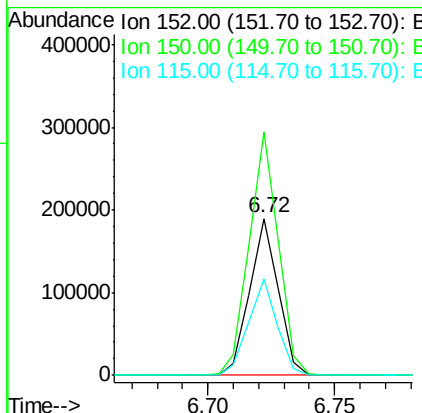
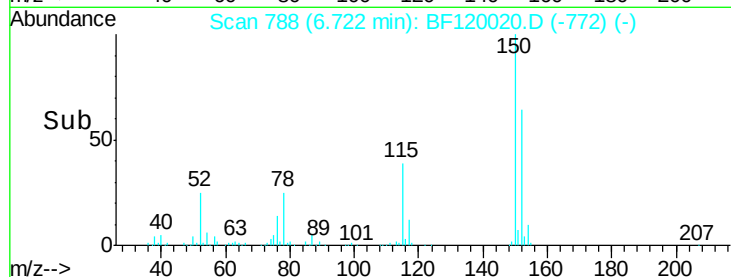
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120020.D
Acq: 16 Apr 2020 4:13

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.8	187.2
115	61.2	46.5	69.7



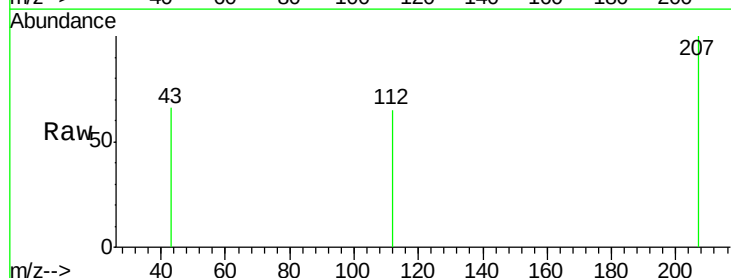
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



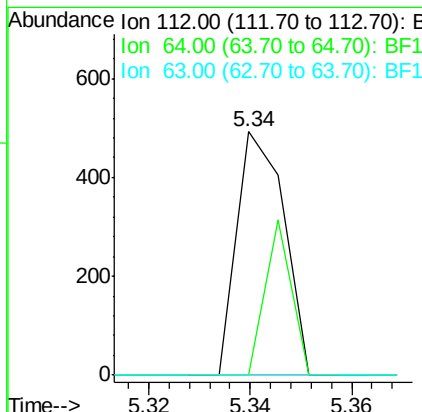
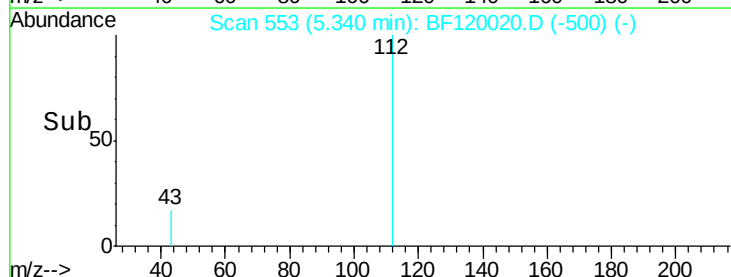
#5

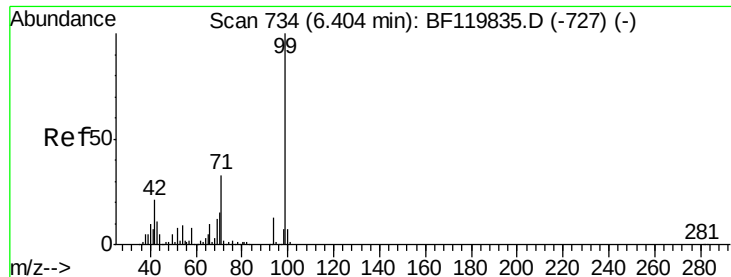
2-Fluorophenol
Concen: 0.037 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF120020.D
Acq: 16 Apr 2020 4:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	55.5	83.3#
63	0.0	29.1	43.7#



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: 0.282 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

Instrument :

BNA_F

ClientSampleId :

NCQ-632

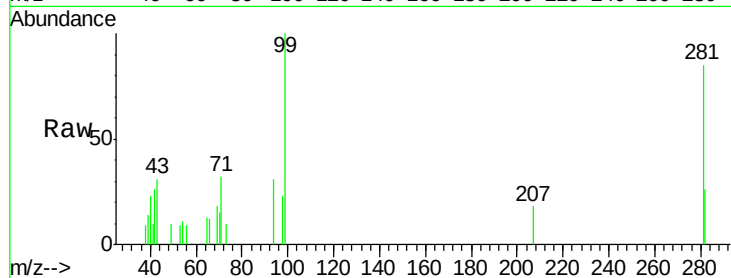
Tot Ion: 99 Resp: 3156

Ion Ratio Lower Upper

99 100

42 26.2 16.9 25.3#

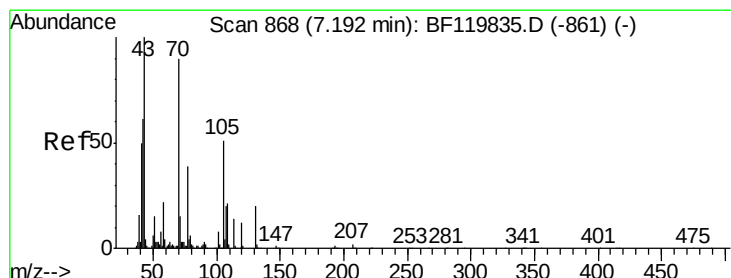
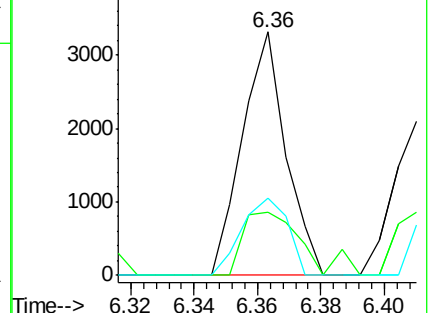
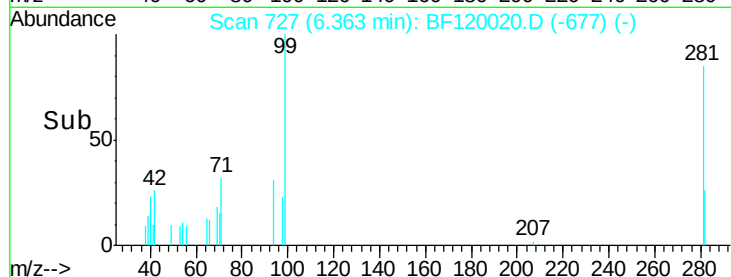
71 31.7 26.3 39.5



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: 17.283 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

Tgt Ion: 70 Resp: 124257

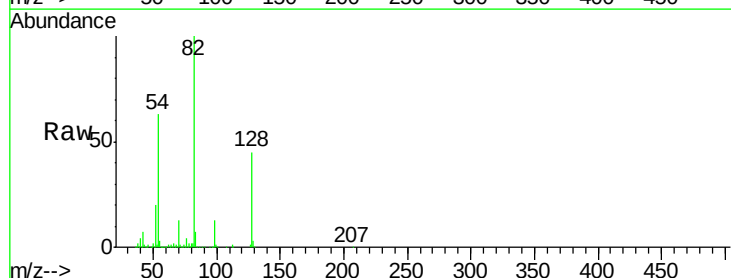
Ion Ratio Lower Upper

70 100

42 55.6 54.2 81.4

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

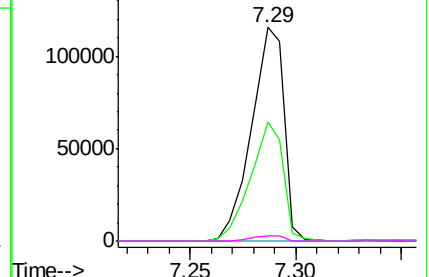
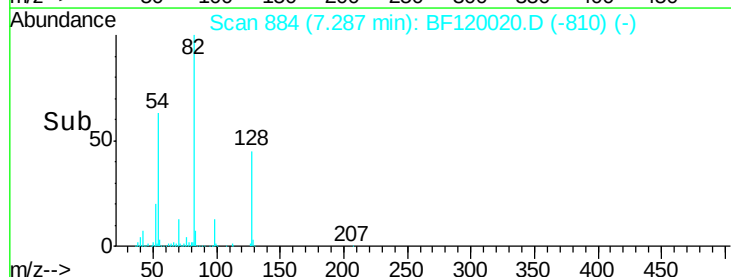


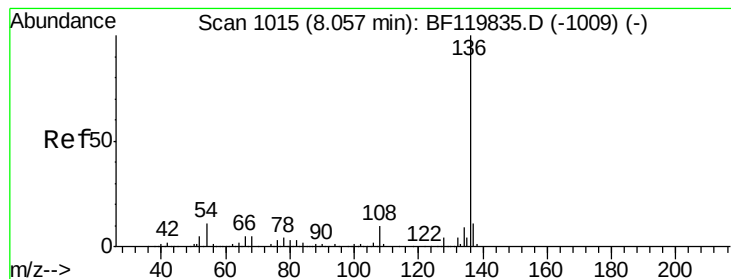
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF120020.D

Acq: 16 Apr 2020 4:13

Instrument :

BNA_F

ClientSampled :

NCQ-632

Tot Ion:136 Resp: 585170

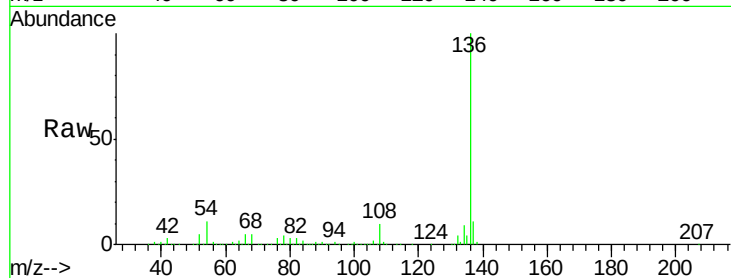
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 11.1 8.5 12.7

68 5.2 3.9 5.9

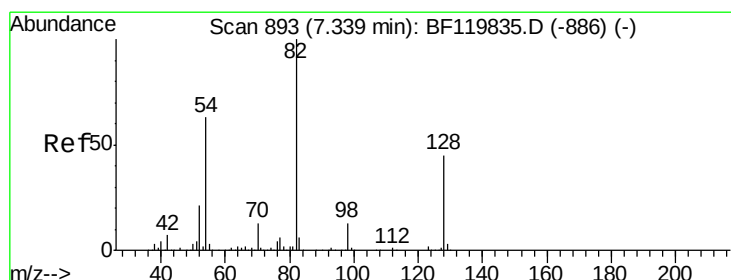
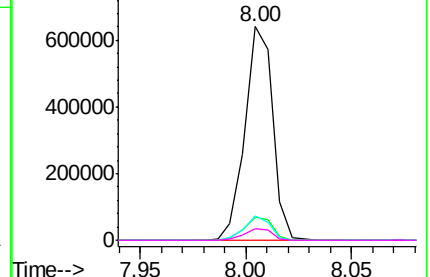
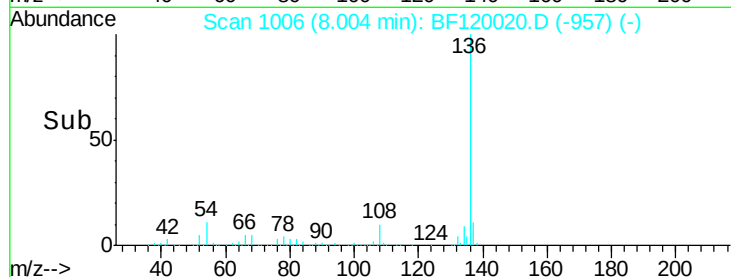


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.302 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

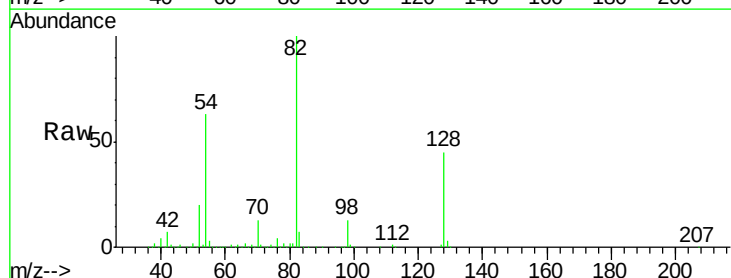
Tgt Ion: 82 Resp: 953563

Ion Ratio Lower Upper

82 100

128 45.3 36.2 54.4

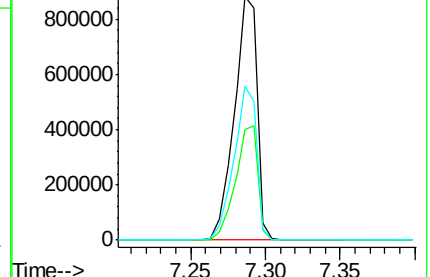
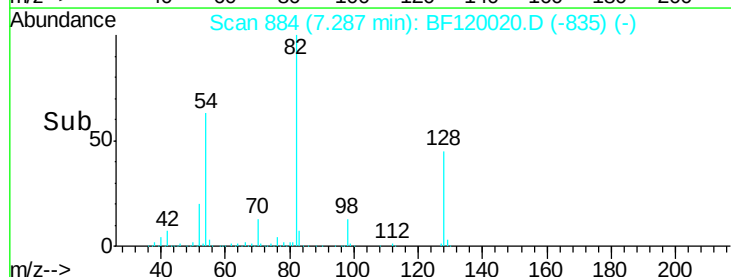
54 63.3 50.4 75.6

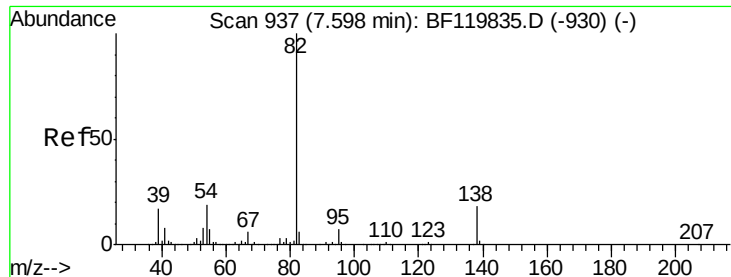


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.732 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

Instrument :

BNA_F

ClientSampleId :

NCQ-632

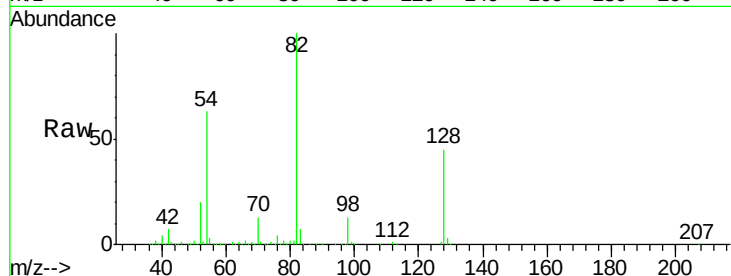
Tot Ion: 82 Resp: 953553

Ion Ratio Lower Upper

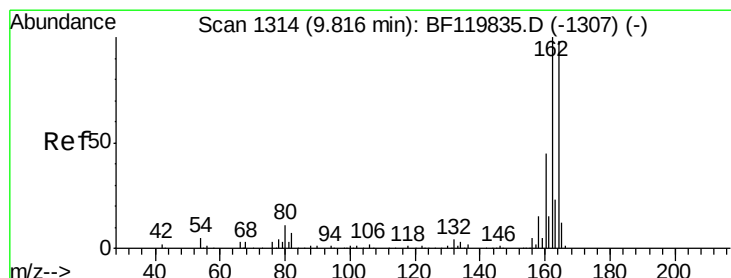
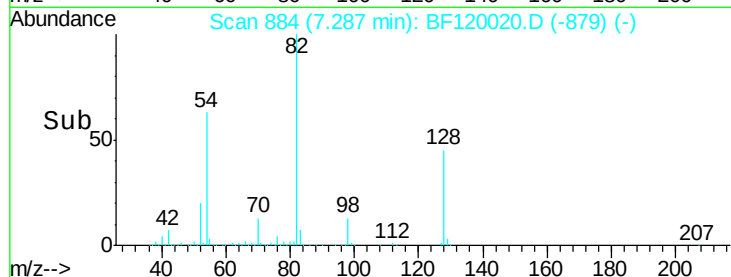
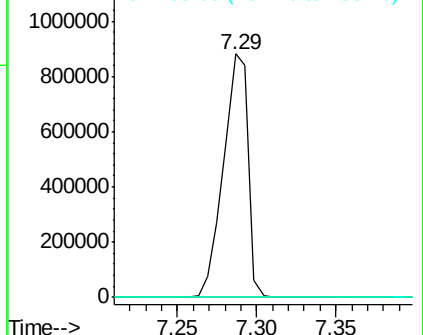
82 100

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: BF120020.D

Acq: 16 Apr 2020 4:13

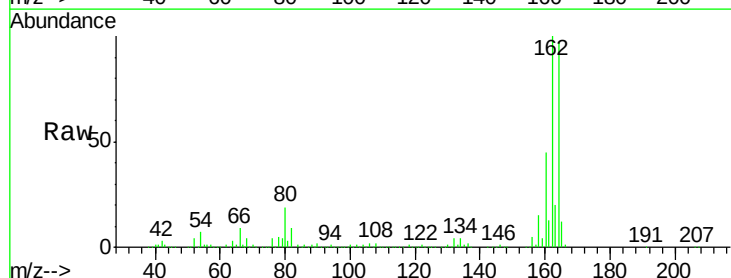
Tgt Ion: 164 Resp: 314178

Ion Ratio Lower Upper

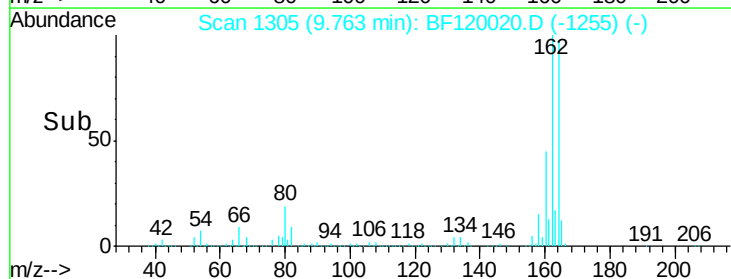
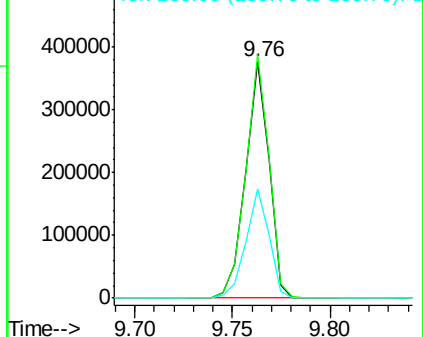
164 100

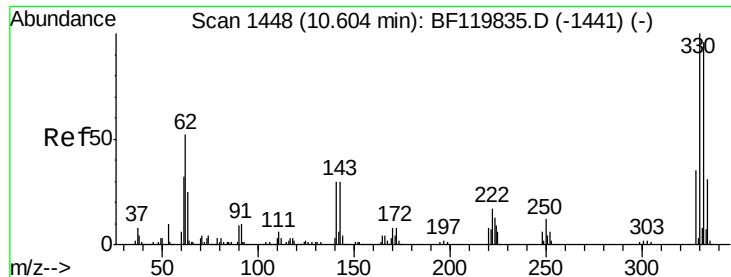
162 103.1 81.9 122.9

160 46.0 36.6 54.8



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

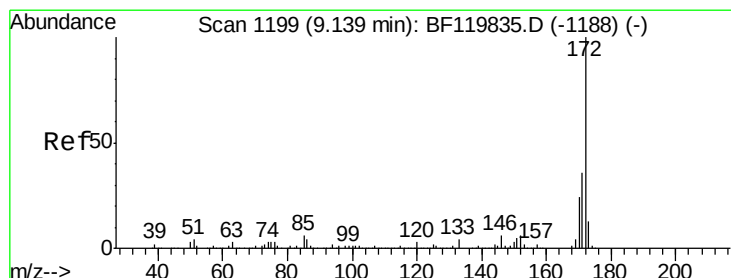
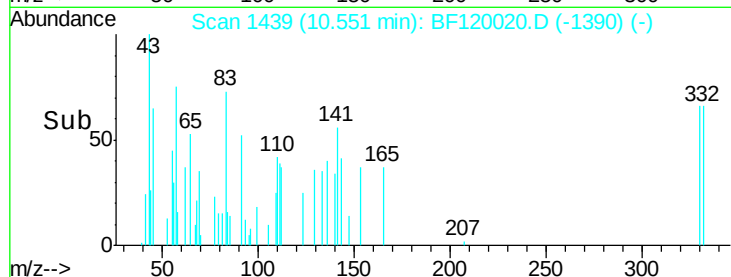
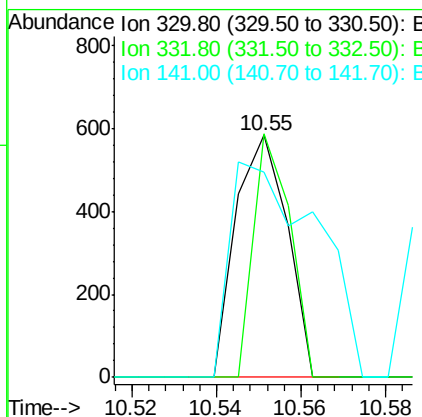
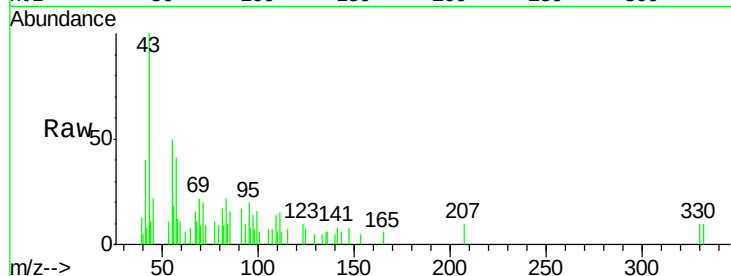




#42
 2,4,6-Tribromophenol
 Concen: 0.128 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120020.D
 Acq: 16 Apr 2020 4:13

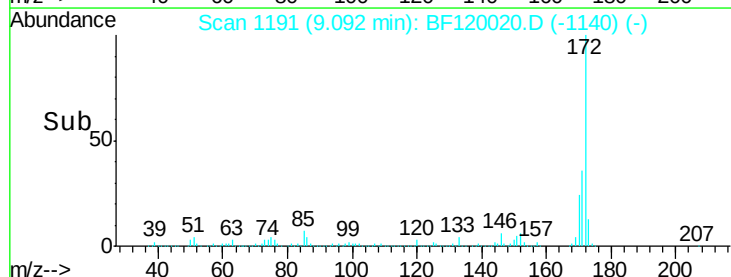
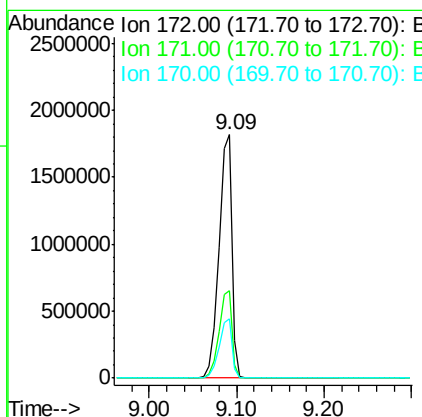
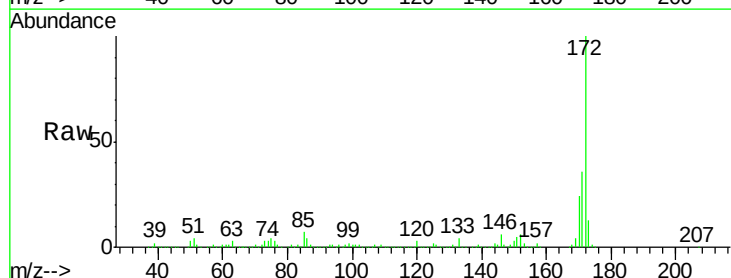
Instrument :
 BNA_F
 ClientSampled :
 NCQ-632

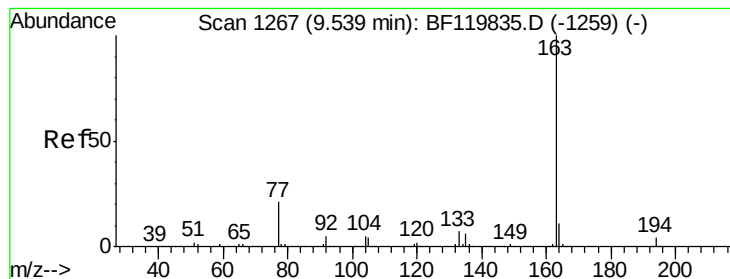
Tot Ion:330 Resp: 491
 Ion Ratio Lower Upper
 330 100
 332 72.1 76.8 115.2#
 141 149.9 25.1 37.7#



#45
 2-Fluorobiphenyl
 Concen: 84.504 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120020.D
 Acq: 16 Apr 2020 4:13

Tgt Ion:172 Resp: 1869946
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.2 19.4 29.2





#50

Dimethylphthalate

Concen: 5.688 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

Instrument :

BNA_F

ClientSampleId :

NCQ-632

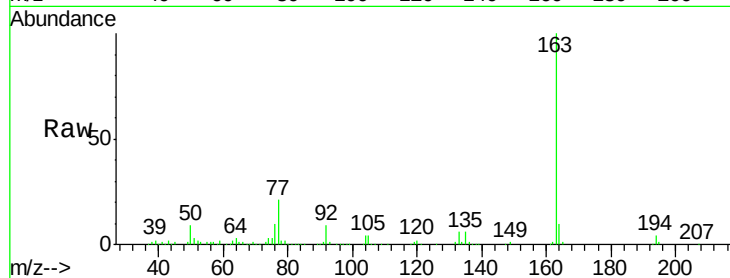
Tot Ion:163 Resp: 138236

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

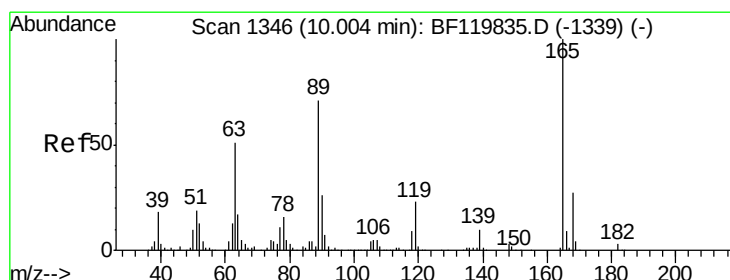
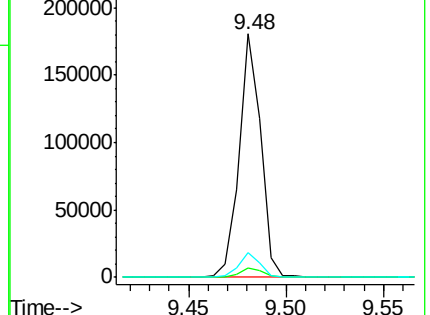
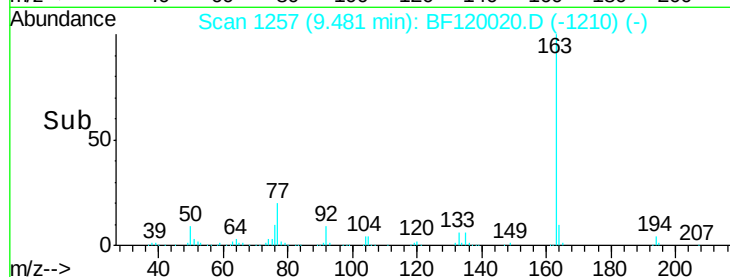
164 10.3 8.4 12.6



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: 5.662 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.20 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

Tgt Ion:165 Resp: 39695

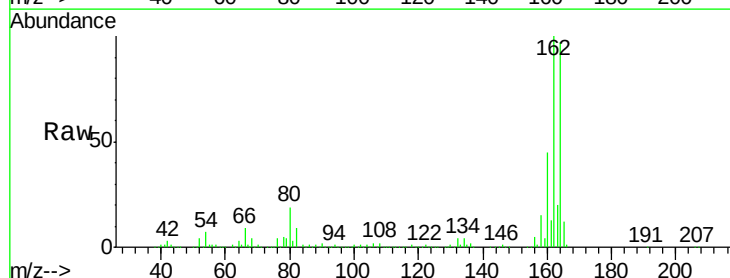
Ion Ratio Lower Upper

165 100

63 1.3 40.8 61.2#

89 1.4 56.9 85.3#

182 0.0 2.0 3.0#

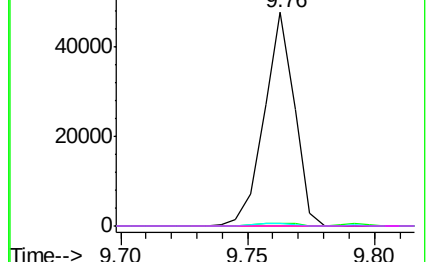
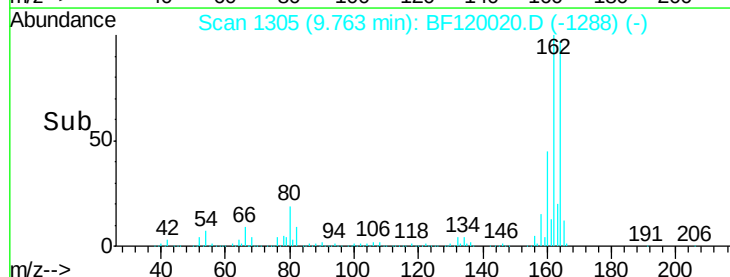


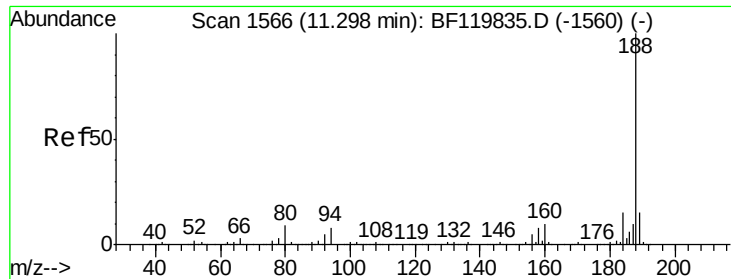
Abundance Ion 165.00 (164.70 to 165.70): E

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

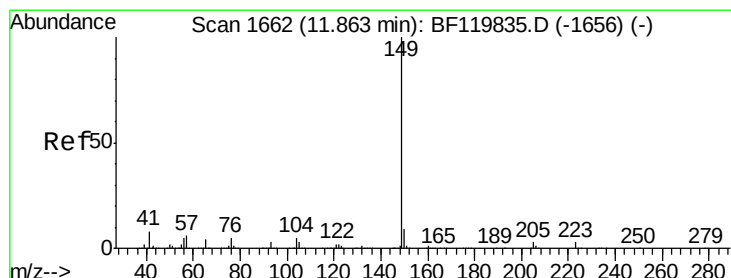
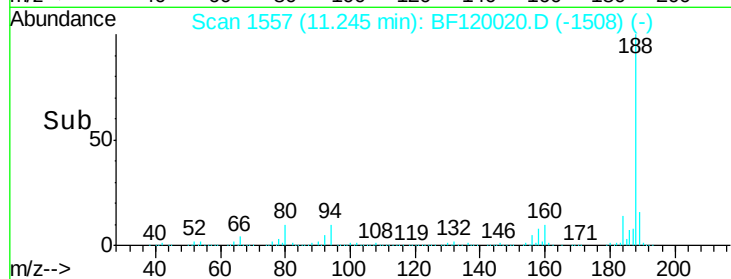
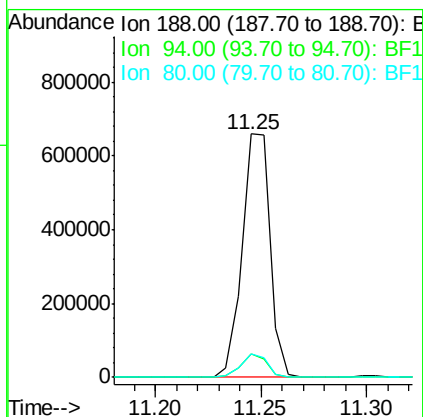
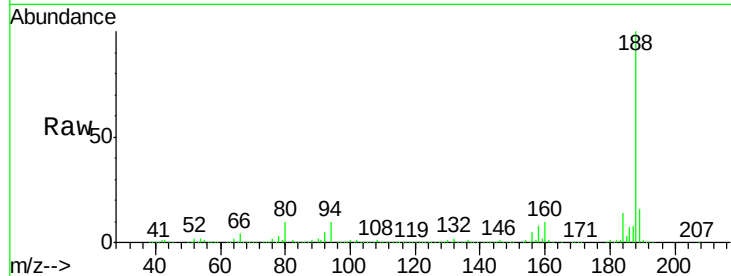




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF120020.D
 Acq: 16 Apr 2020 4:13

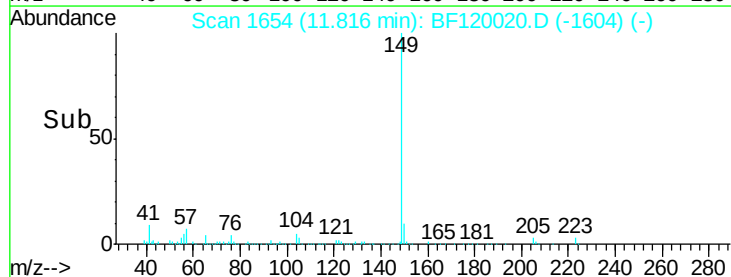
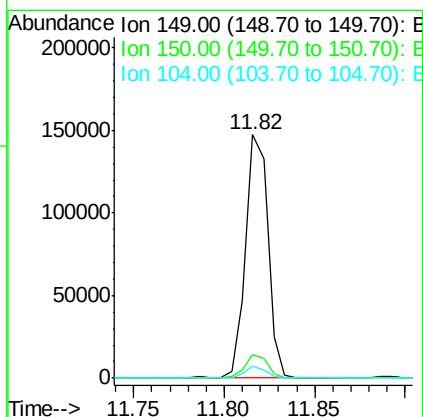
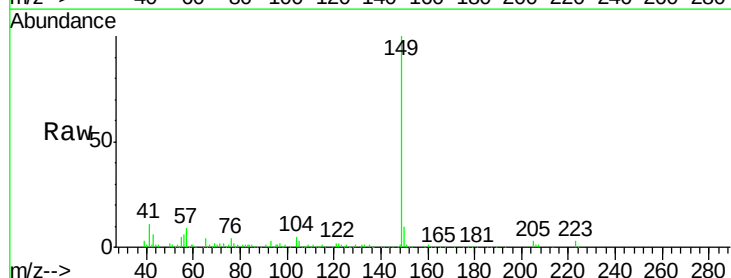
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

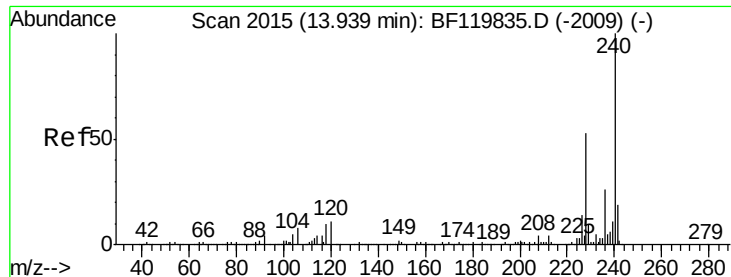
Tot Ion:188 Resp: 605101
 Ion Ratio Lower Upper
 188 100
 94 9.6 6.7 10.1
 80 9.8 7.4 11.2



#74
 Di-n-butylphthalate
 Concen: 3.134 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF120020.D
 Acq: 16 Apr 2020 4:13

Tgt Ion:149 Resp: 128162
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 5.0 3.8 5.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

Instrument :

BNA_F

ClientSampleId :

NCQ-632

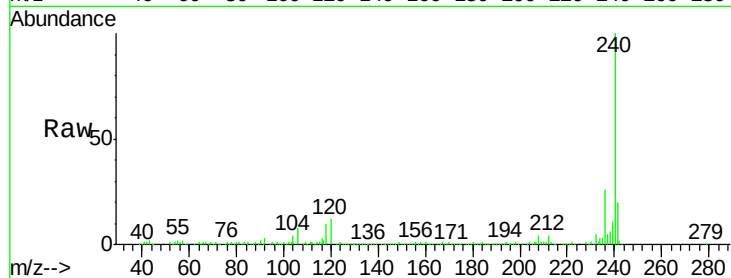
Tot Ion:240 Resp: 442382

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

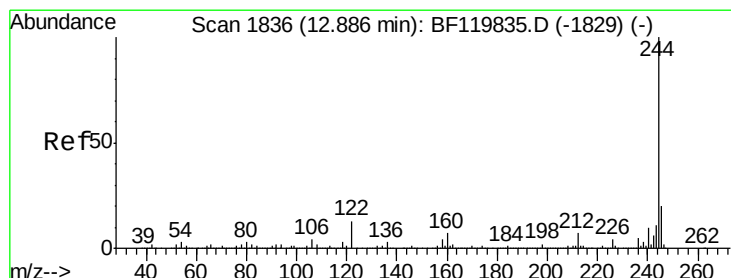
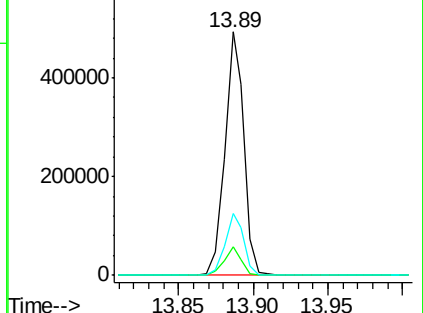
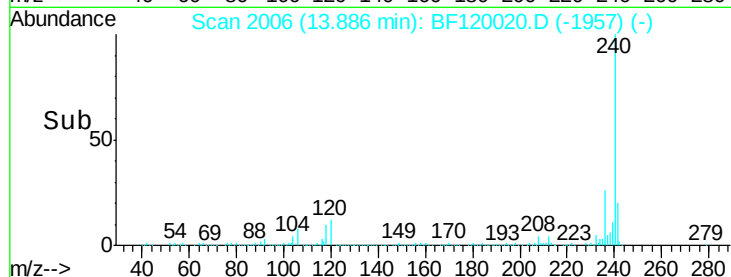
236 25.6 20.7 31.1



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: 80.413 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

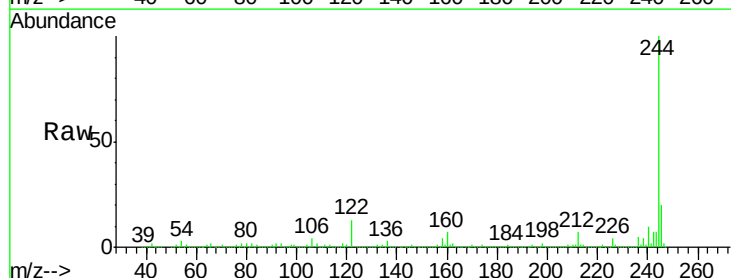
Tgt Ion:244 Resp: 2114127

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

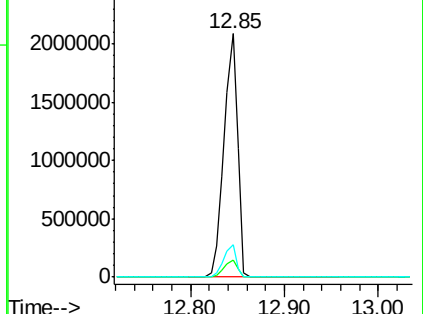
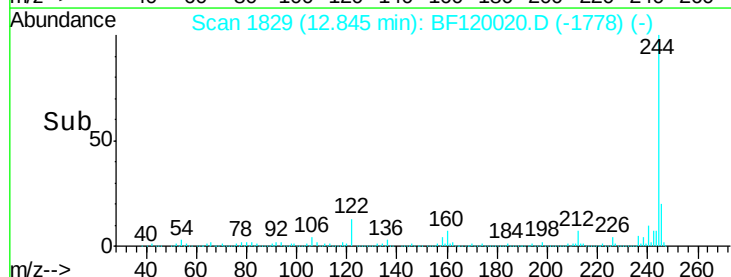
122 13.3 10.3 15.5

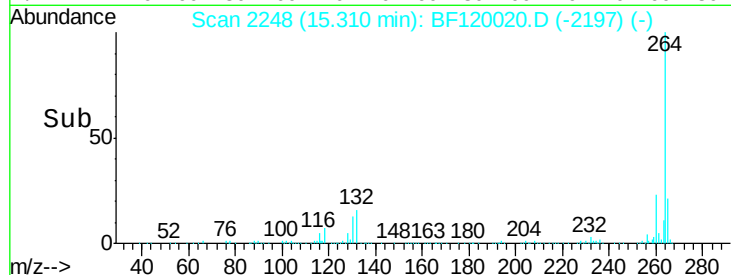
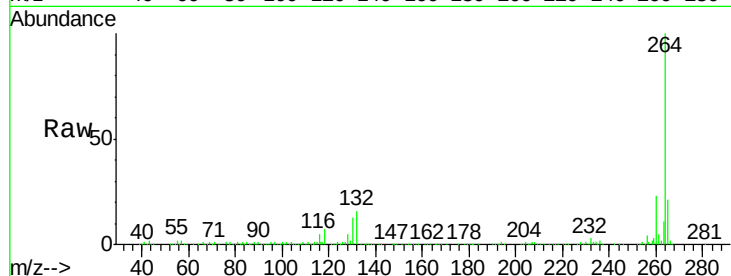
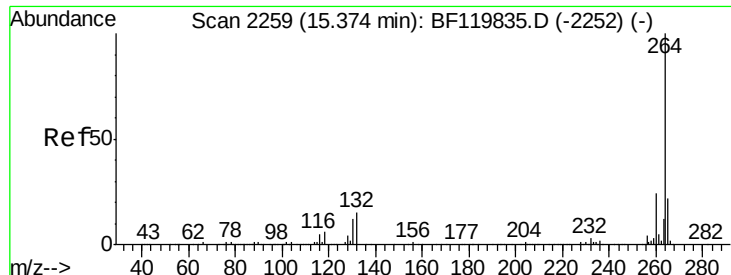


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120020.D
 Acq: 16 Apr 2020 4:13

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

Tot Ion:	264	Resp:	328835
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.3	28.9
265	21.4	17.6	26.4

