

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115649.D
 Acq On : 18 Jul 2019 16:03
 Operator : HP/JU
 Sample : K3835-43
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 16:42:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

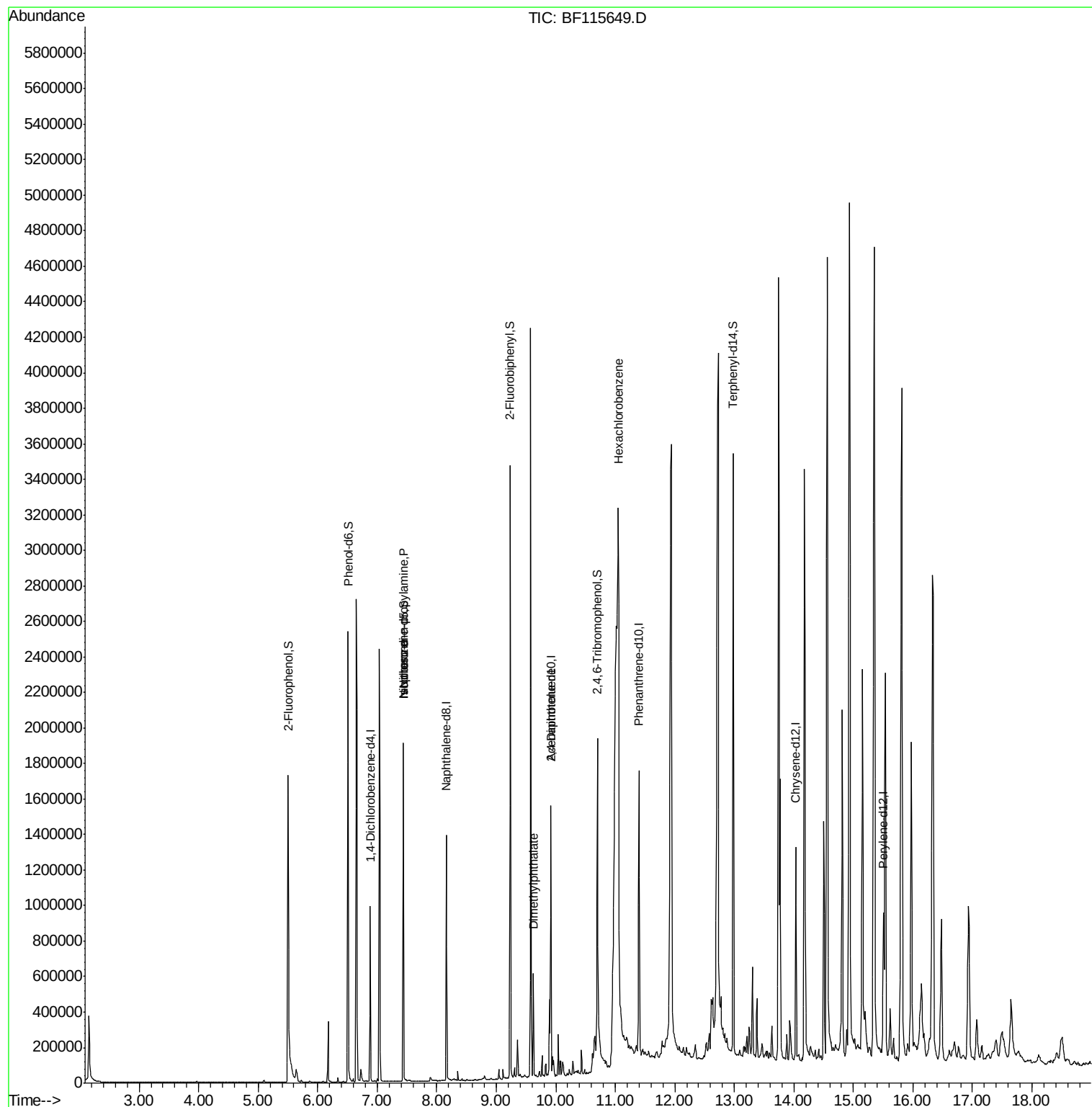
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	139515	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	568151	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	277326	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	553256	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	367958	20.00	ng	-0.02
87) Perylene-d12	15.50	264	354957	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	700656	82.15	ng	0.00
7) Phenol-d6	6.51	99	935247	86.42	ng	0.00
23) Nitrobenzene-d5	7.44	82	571146	58.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	252905	78.13	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1076171	67.92	ng	-0.02
79) Terphenyl-d14	12.98	244	1182128	59.28	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	75925	10.757	ng	# 78
25) Isophorone	7.44	82	564168	28.855	ng	# 64
50) Dimethylphthalate	9.62	163	173055	8.294	ng	98
57) 2,4-Dinitrotoluene	9.92	165	35160	5.723	ng	# 24
68) Hexachlorobenzene	11.05	284	159279	22.060	ng	# 49

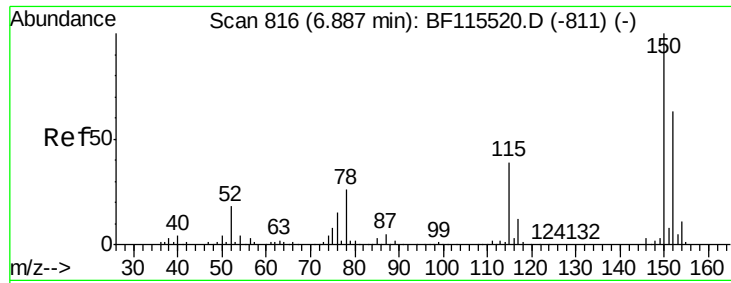
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



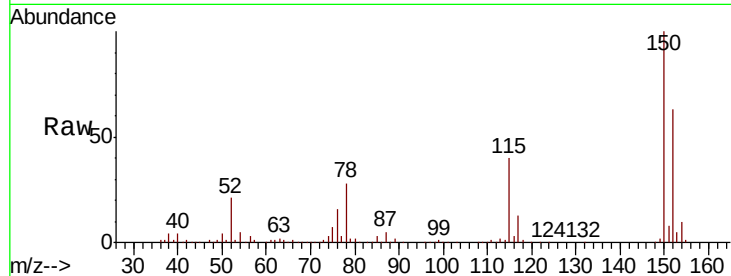


#1

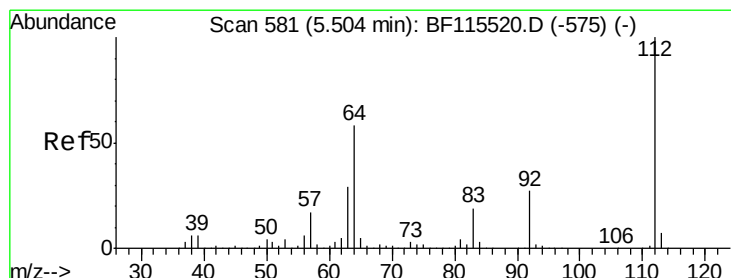
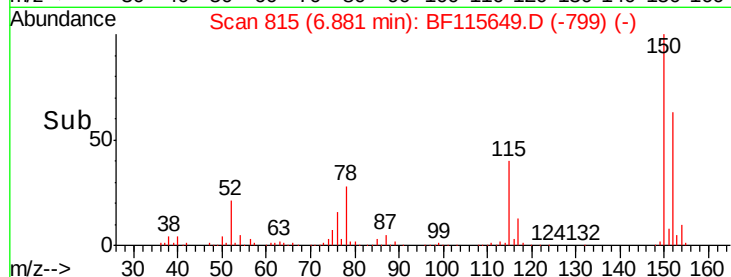
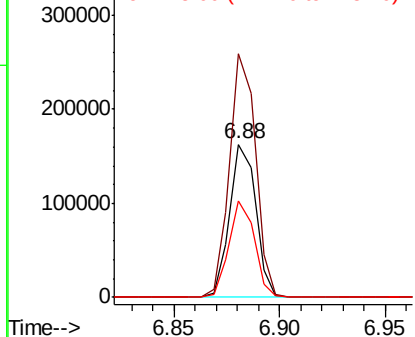
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115649.D
Acq: 18 Jul 2019 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139515
Ion Ratio Lower Upper
152 100
150 159.4 129.7 194.5
115 63.0 48.2 72.4



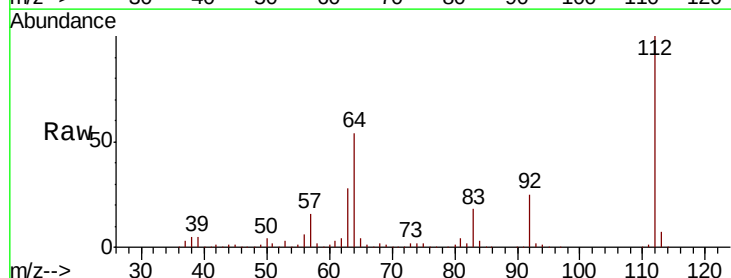
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



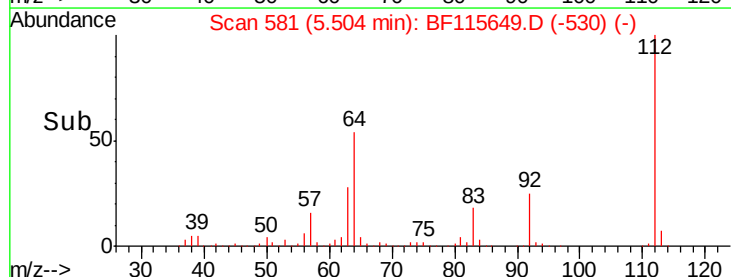
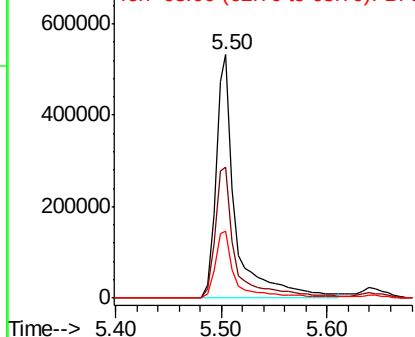
#5

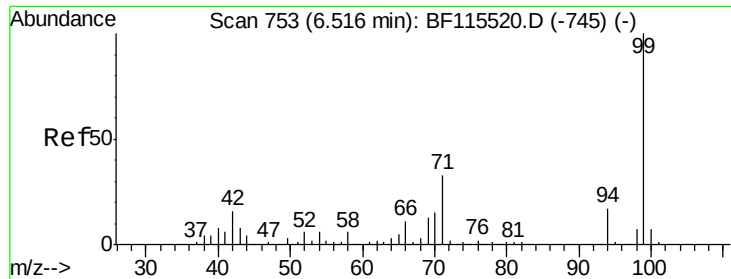
2-Fluorophenol
Concen: 82.147 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF115649.D
Acq: 18 Jul 2019 16:03

Tgt Ion:112 Resp: 700656
Ion Ratio Lower Upper
112 100
64 54.0 46.8 70.2
63 27.7 24.1 36.1



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: 86.415 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115649.D

Acq: 18 Jul 2019 16:03

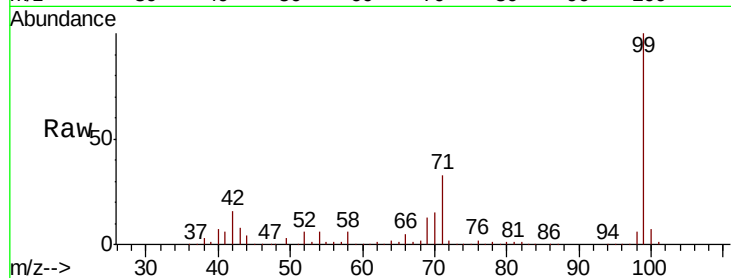
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 935247

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	33.3	28.5	42.7

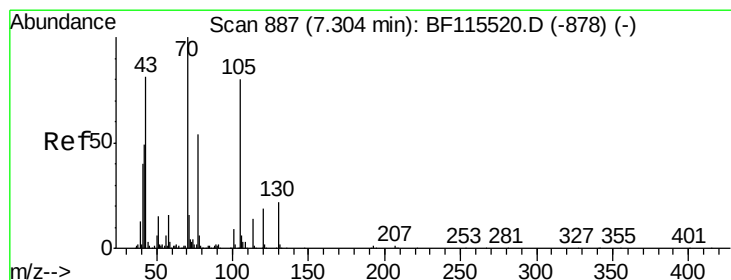
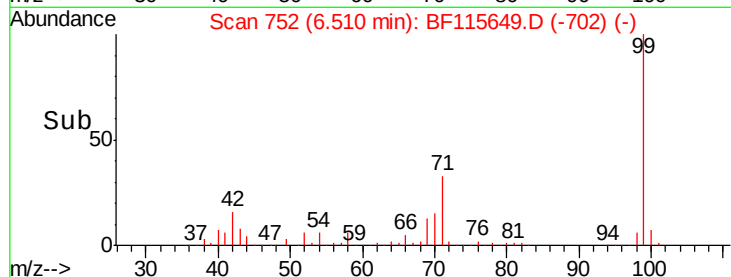
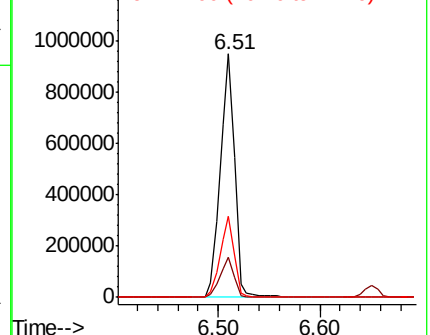


Abundance

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: 10.757 ng

RT: 7.44 min Scan# 910

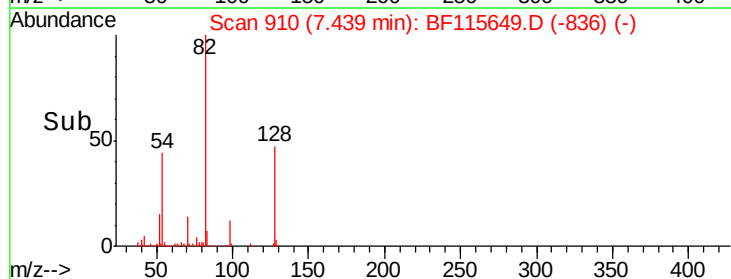
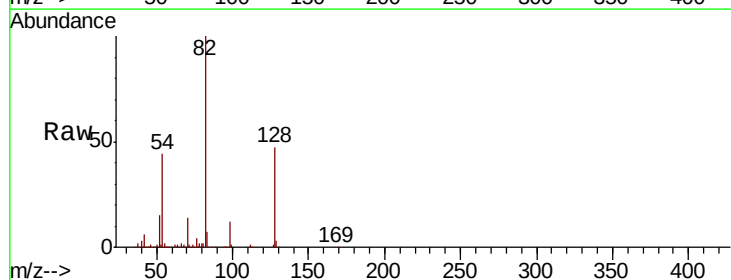
Delta R.T. 0.14 min

Lab File: BF115649.D

Acq: 18 Jul 2019 16:03

Tgt Ion: 70 Resp: 75925

Ion	Ratio	Lower	Upper
70	100		
42	41.2	39.6	59.4
101	0.0	8.1	12.1#
130	2.3	18.2	27.2#



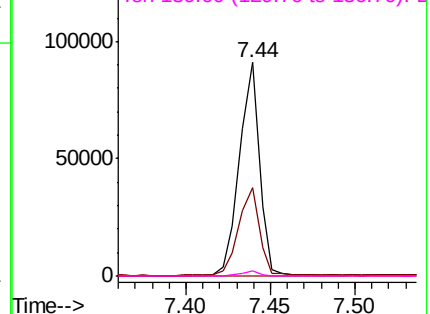
Abundance

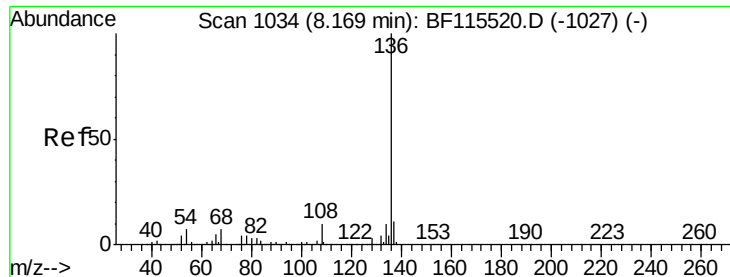
Ion 70.00 (69.70 to 70.70): BF1

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

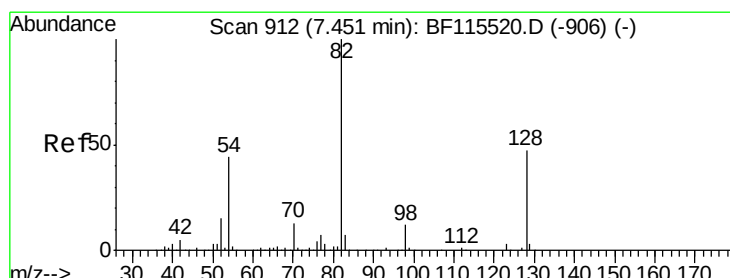
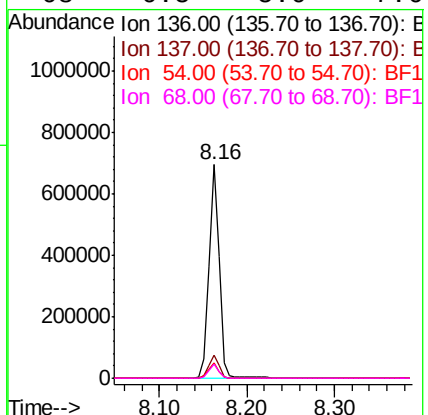
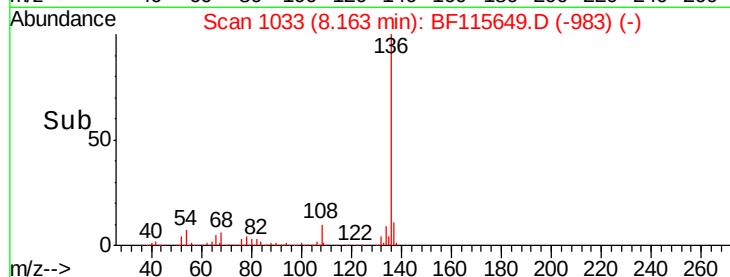
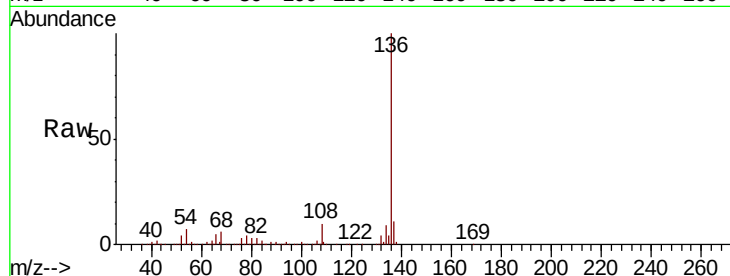




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115649.D
Acq: 18 Jul 2019 16:03

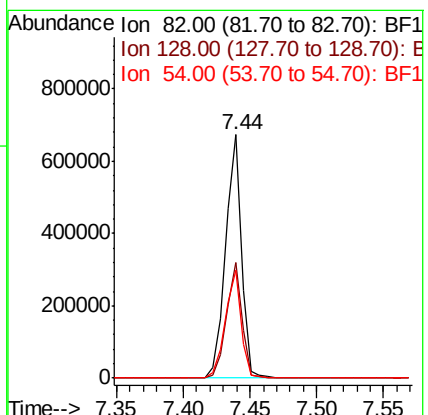
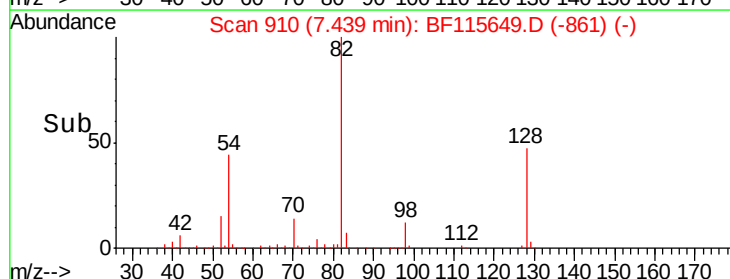
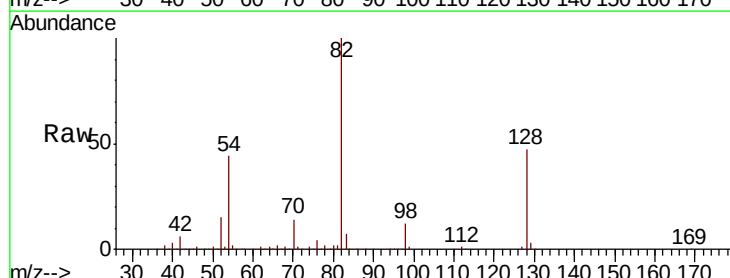
Instrument :
BNA_F
ClientSampleId :

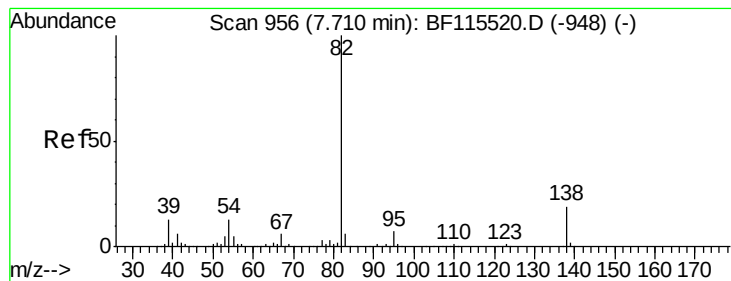
Tot Ion:136	Resp:	568151
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	7.0	5.6 8.4
68	6.5	5.0 7.6



#23
Nitrobenzene-d5
Concen: 58.453 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115649.D
Acq: 18 Jul 2019 16:03

Tgt Ion: 82	Resp:	571146
Ion Ratio	Lower	Upper
82	100	
128	47.5	38.6 57.8
54	44.3	35.6 53.4





#25

Isophorone

Concen: 28.855 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115649.D

Acq: 18 Jul 2019 16:03

Instrument :

BNA_F

ClientSampleId :

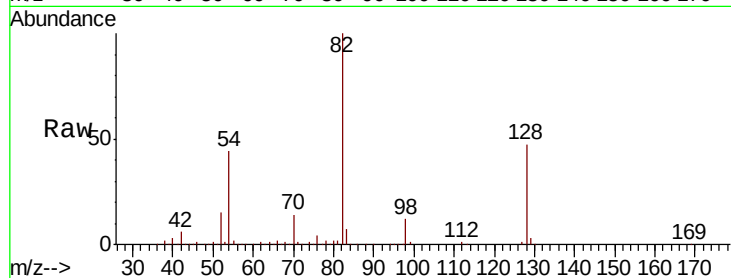
Tot Ion: 82 Resp: 564168

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

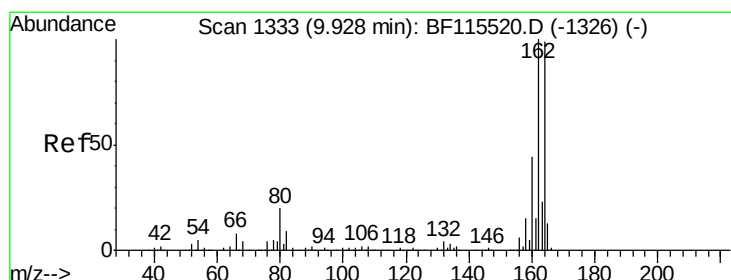
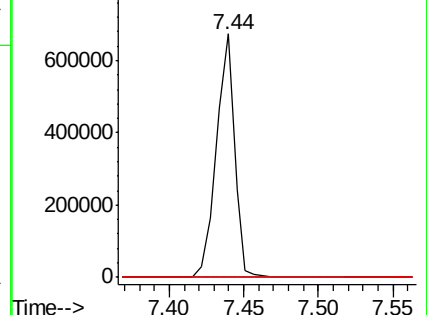
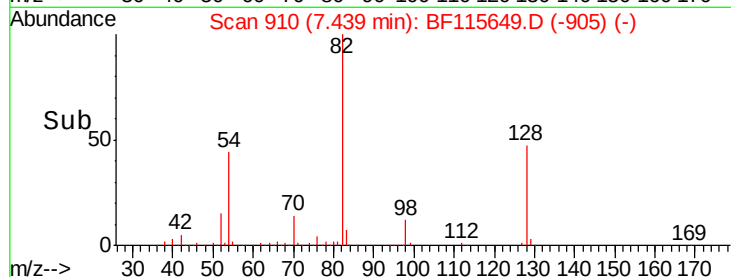
138 0.0 14.9 22.3#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115649.D

Acq: 18 Jul 2019 16:03

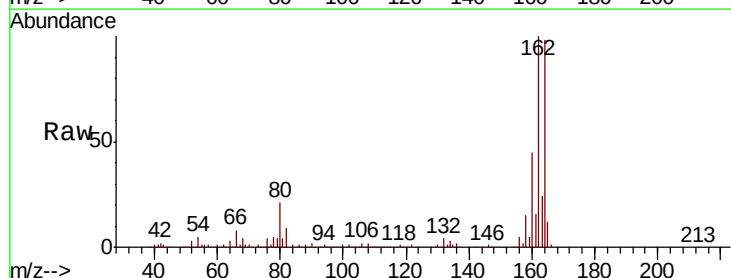
Tgt Ion:164 Resp: 277326

Ion Ratio Lower Upper

164 100

162 101.7 82.9 124.3

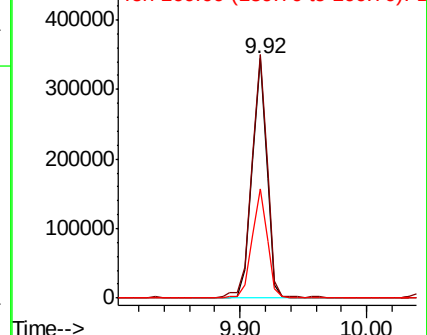
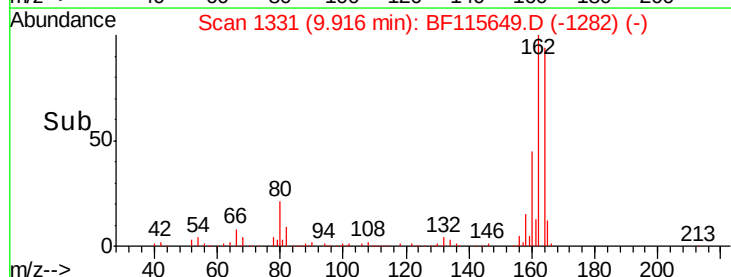
160 45.9 36.8 55.2

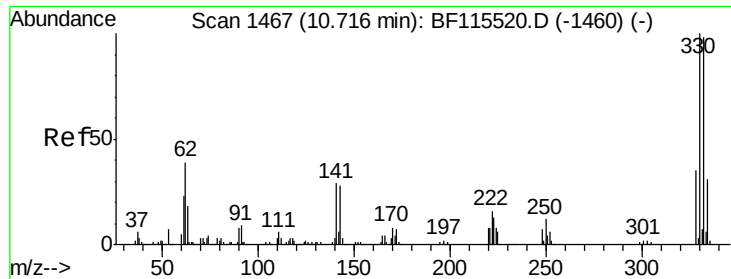


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 78.128 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115649.D

Acq: 18 Jul 2019 16:03

Instrument :

BNA_F

ClientSampleId :

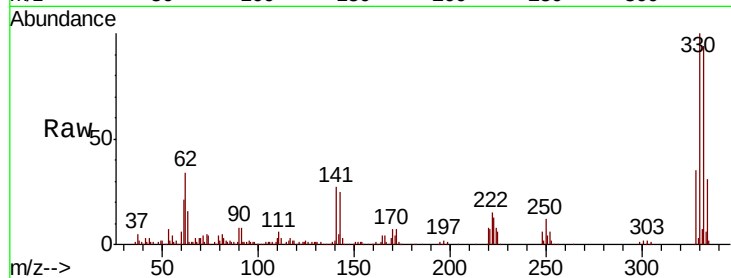
Tot Ion:330 Resp: 252905

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.2

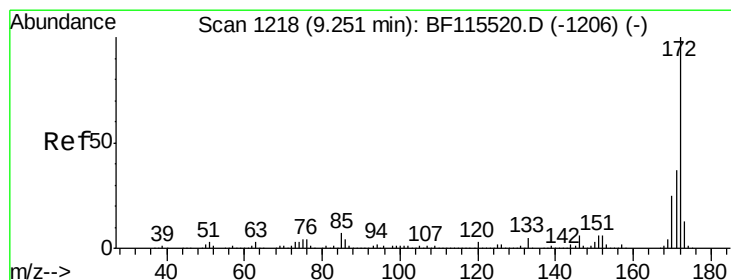
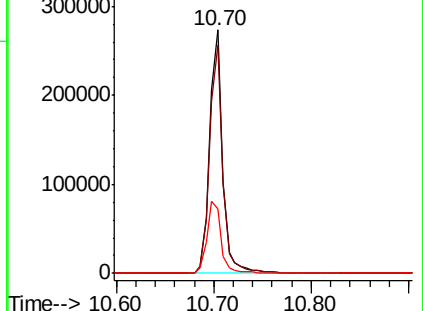
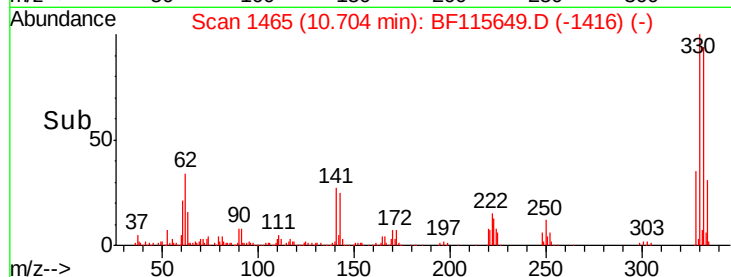
141 33.0 22.4 33.6



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: 67.920 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF115649.D

Acq: 18 Jul 2019 16:03

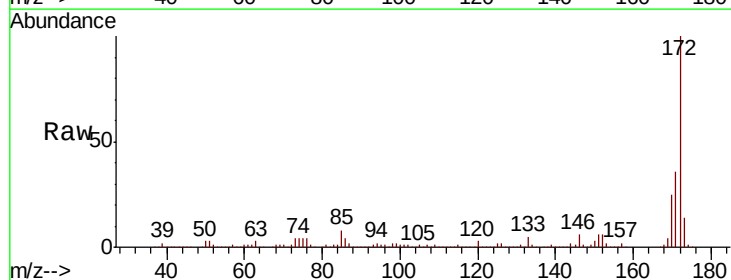
Tgt Ion:172 Resp: 1076171

Ion Ratio Lower Upper

172 100

171 36.1 30.6 46.0

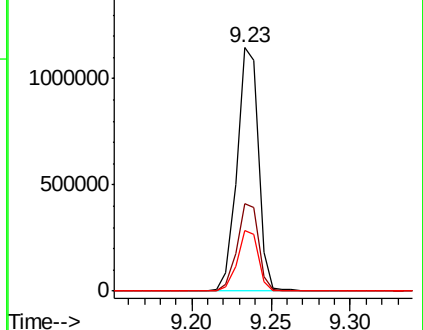
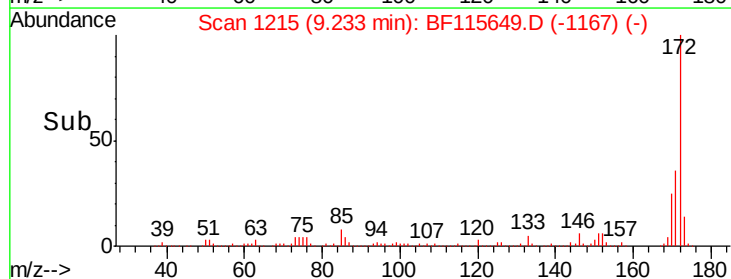
170 24.8 20.5 30.7

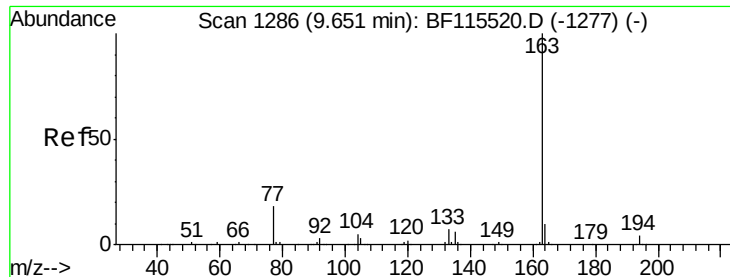


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.294 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF115649.D

Acq: 18 Jul 2019 16:03

Instrument :

BNA_F

ClientSampled :

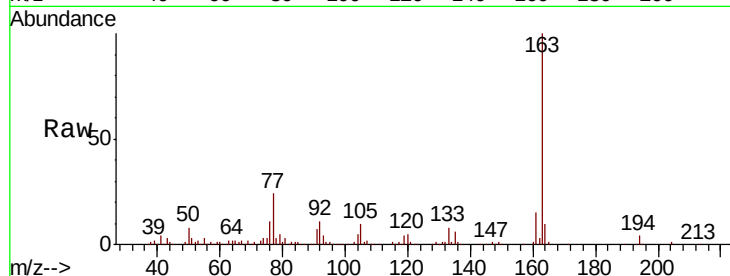
Tot Ion:163 Resp: 173055

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

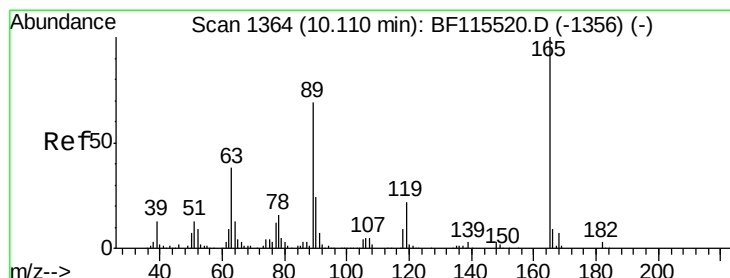
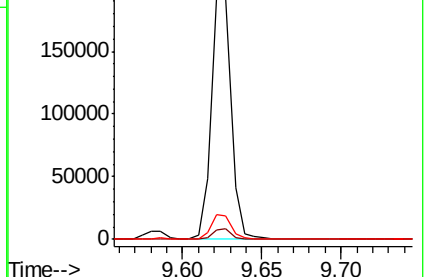
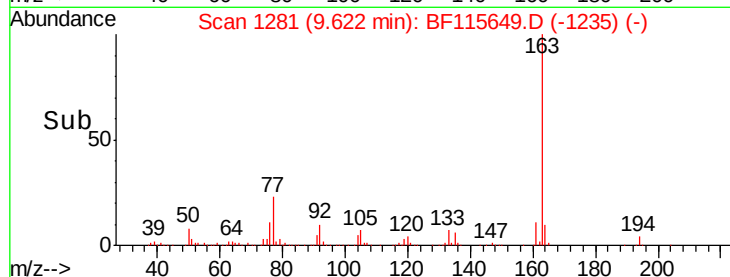
164 10.1 8.7 13.1



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: 5.723 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115649.D

Acq: 18 Jul 2019 16:03

Tgt Ion:165 Resp: 35160

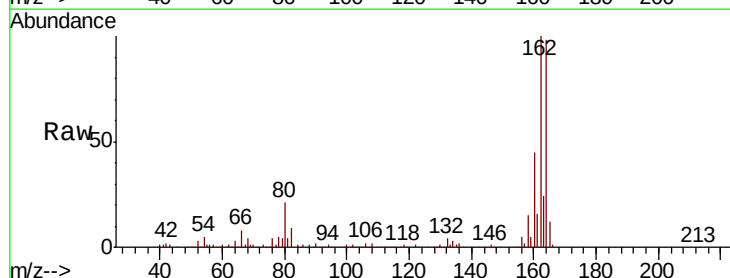
Ion Ratio Lower Upper

165 100

63 1.4 34.9 52.3#

89 1.4 57.5 86.3#

182 0.0 2.2 3.4#

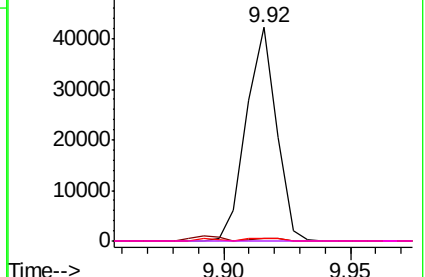
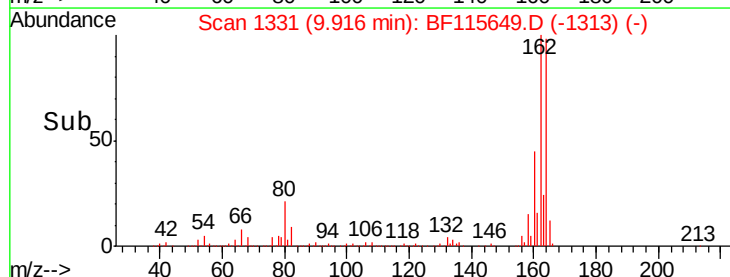


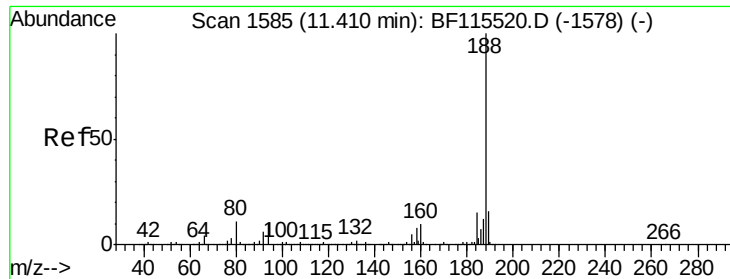
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115649.D

Acq: 18 Jul 2019 16:03

Instrument :

BNA_F

ClientSampleId :

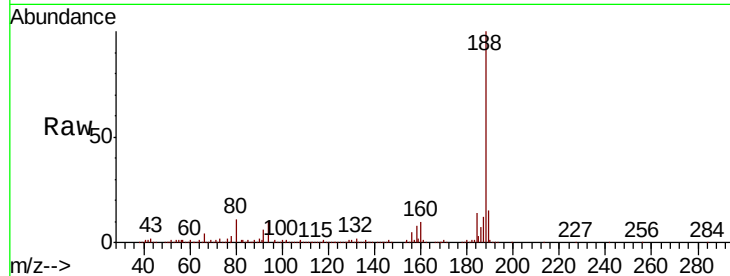
Tot Ion:188 Resp: 553256

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

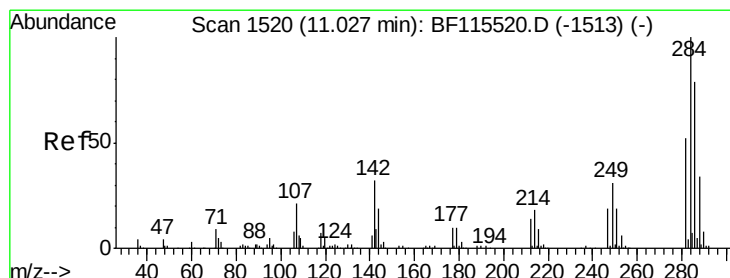
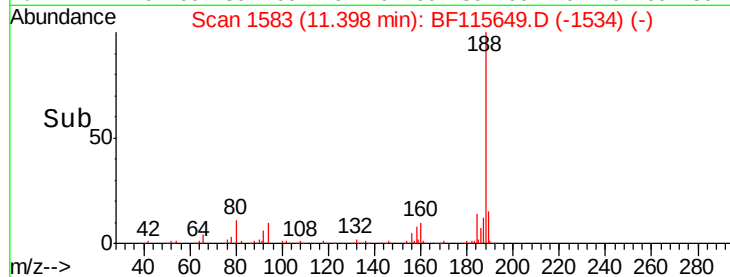
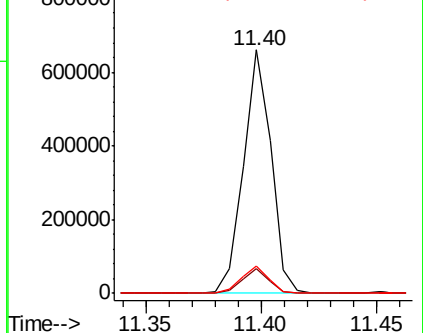
80 11.0 8.6 13.0



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



#68

Hexachlorobenzene

Concen: 22.060 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.02 min

Lab File: BF115649.D

Acq: 18 Jul 2019 16:03

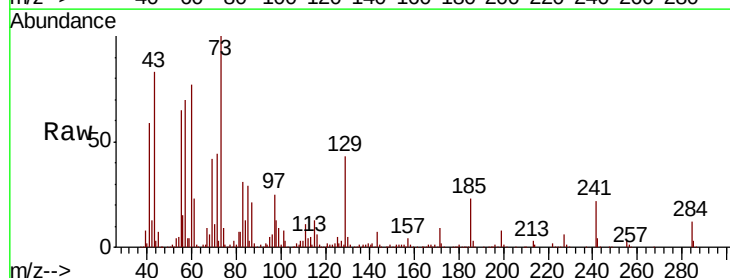
Tgt Ion:284 Resp: 159279

Ion Ratio Lower Upper

284 100

142 2.7 22.2 33.2#

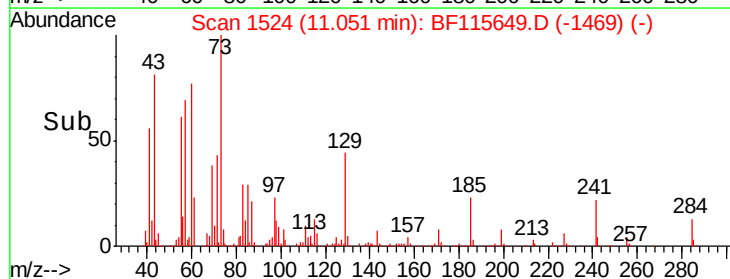
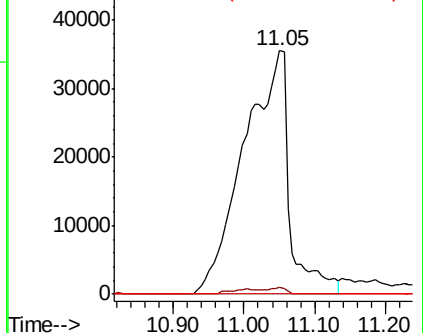
249 0.0 23.4 35.2#

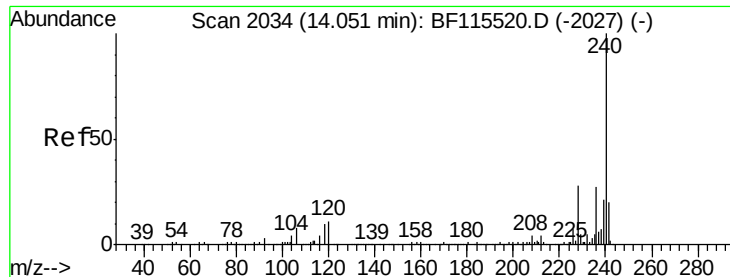


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

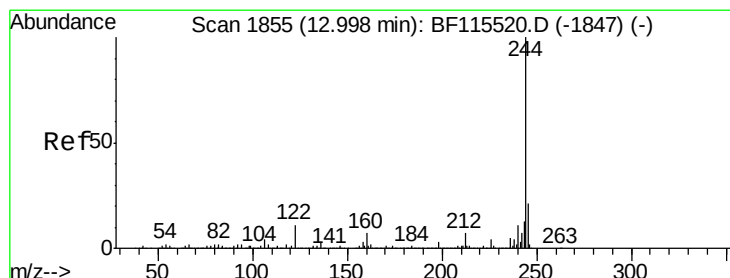
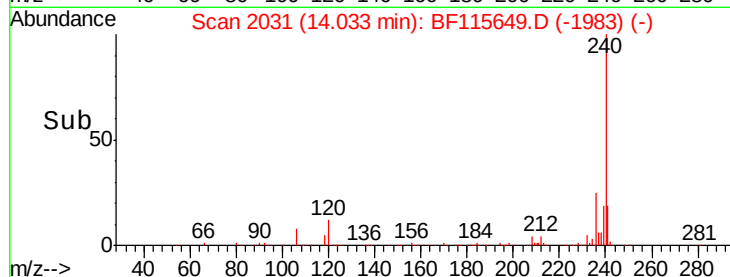
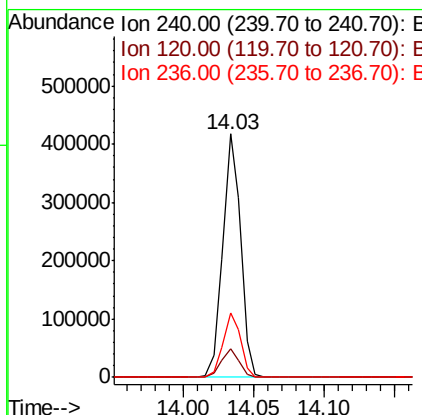
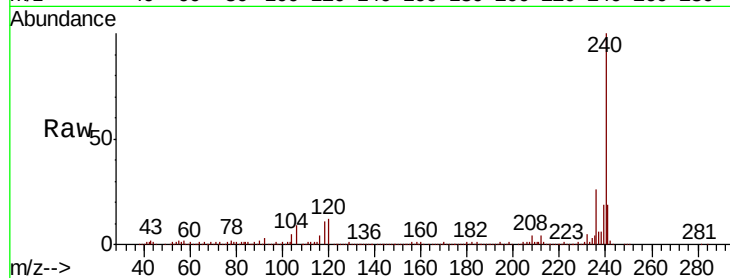




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115649.D
 Acq: 18 Jul 2019 16:03

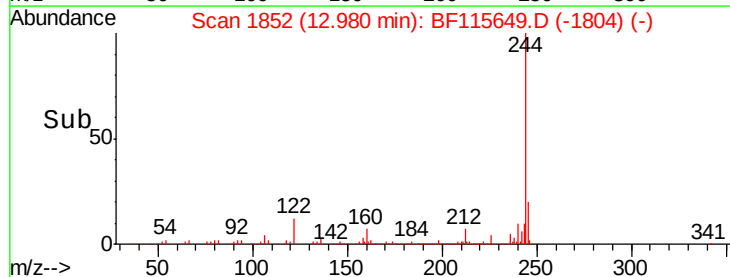
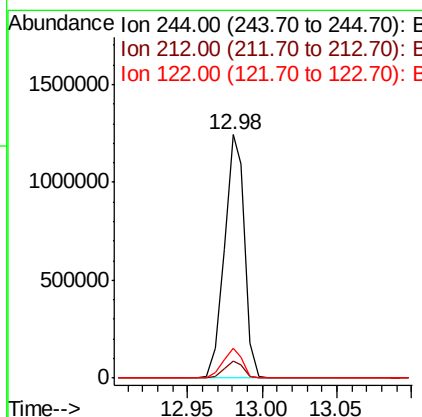
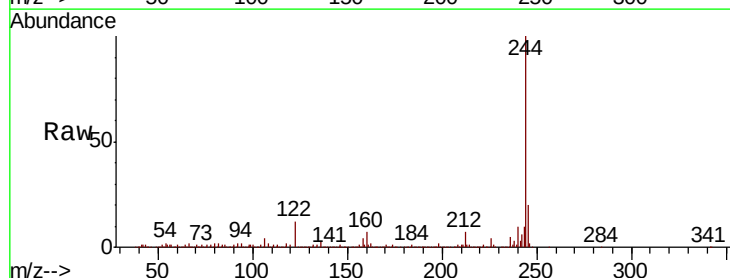
Instrument :
 BNA_F
 ClientSampleId :

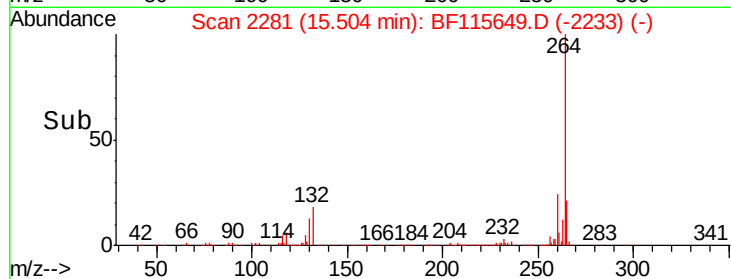
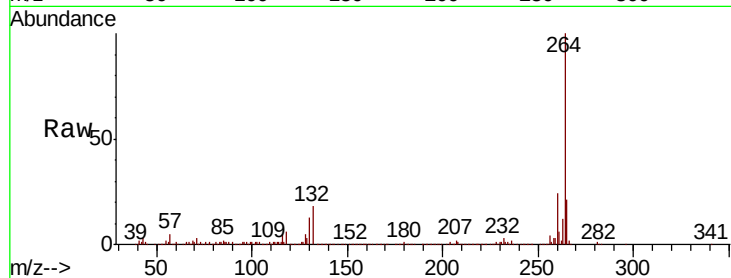
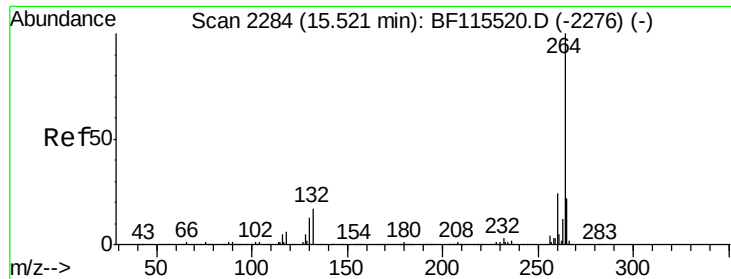
Tot Ion:240 Resp: 367958
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.6 13.0
 236 26.3 21.3 31.9



#79
 Terphenyl-d14
 Concen: 59.279 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115649.D
 Acq: 18 Jul 2019 16:03

Tgt Ion:244 Resp: 1182128
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 12.2 8.6 12.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF115649.D
 Acq: 18 Jul 2019 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	354957
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.8
265	21.2	17.7	26.5

