

Data File : BF116344.D
Acq On : 17 Aug 2019 3:30
Operator : HP/JU
Sample : K3616-15 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-081519-C

Quant Time: Aug 17 05:15:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

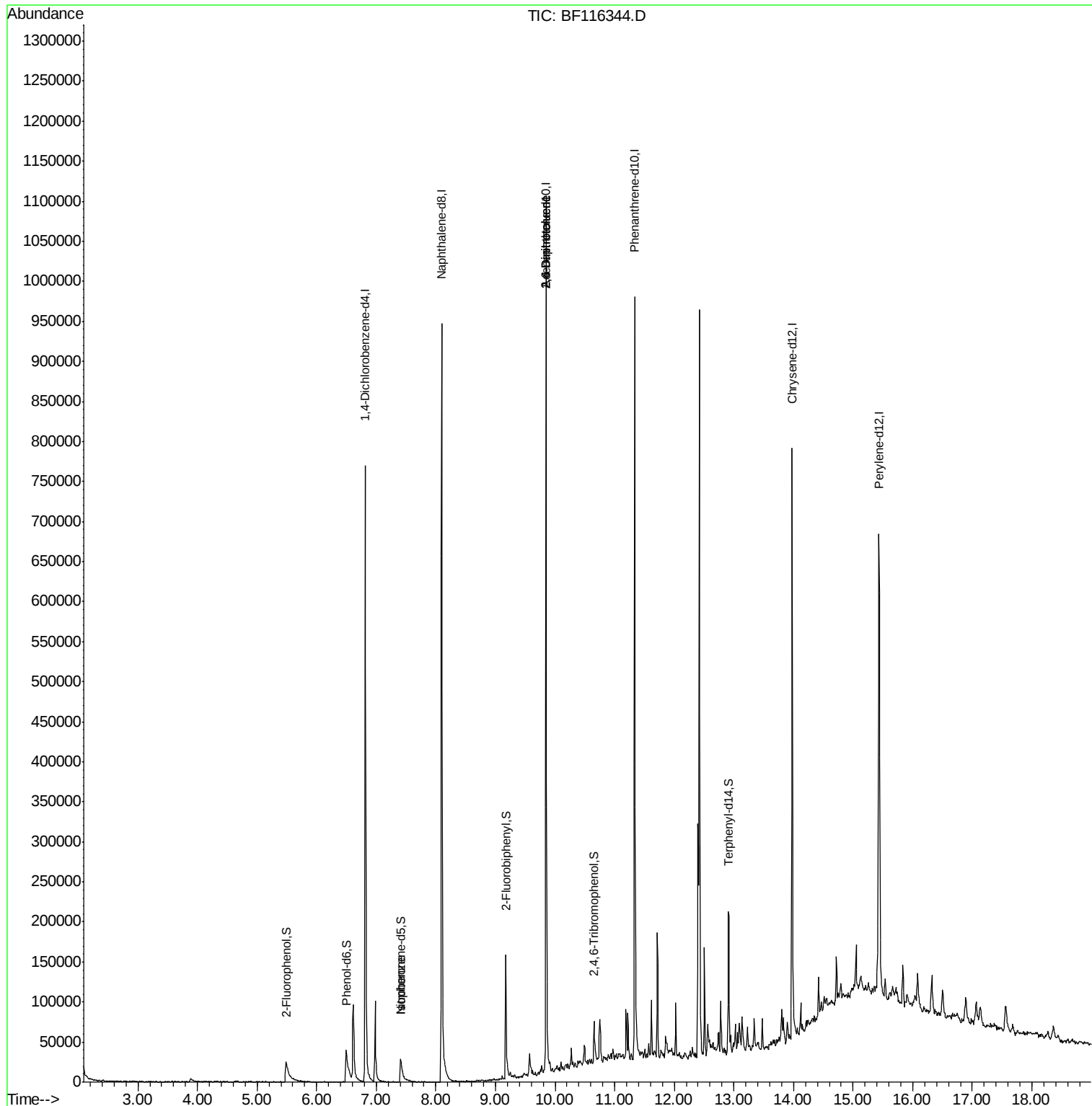
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	127196	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	516836	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	253116	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	389254	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	253733	20.00	ng	-0.04
87) Perylene-d12	15.43	264	284808	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	31705	4.17	ng	0.02
7) Phenol-d6	6.49	99	58600	6.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	35648	3.98	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	10169	4.14	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	75811	5.61	ng	-0.03
79) Terphenyl-d14	12.92	244	62712	5.21	ng	-0.04
Target Compounds						
25) Isophorone	7.41	82	35648	2.082	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	33167	8.856	ng	# 29
57) 2,4-Dinitrotoluene	9.85	165	33423	6.703	ng	# 21

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

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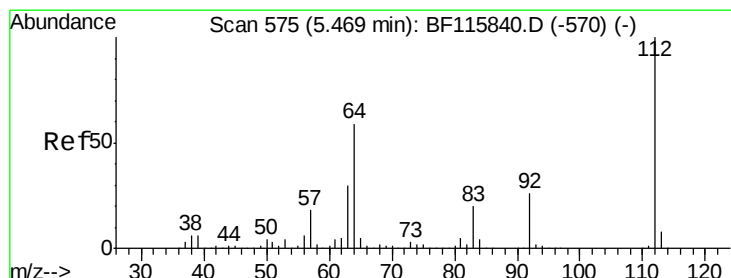
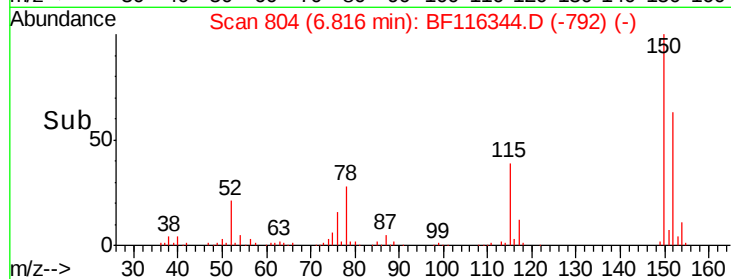
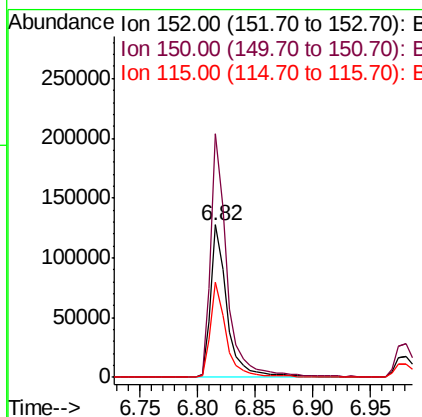
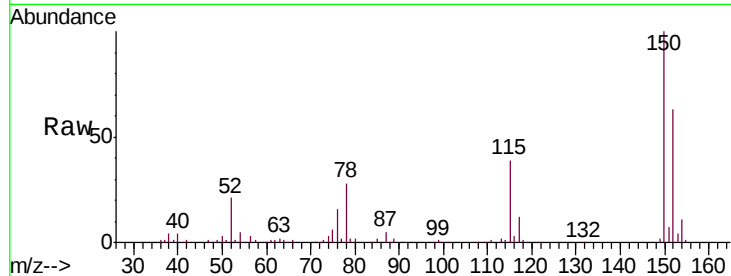




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116344.D
 Acq: 17 Aug 2019 3:30

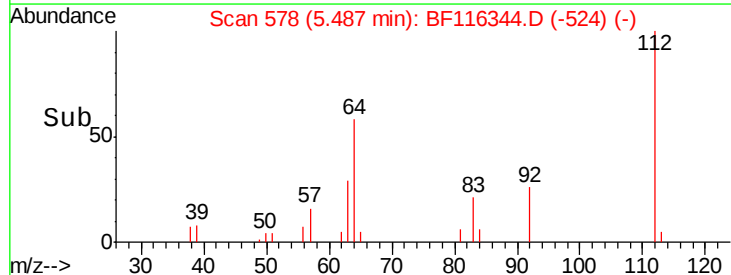
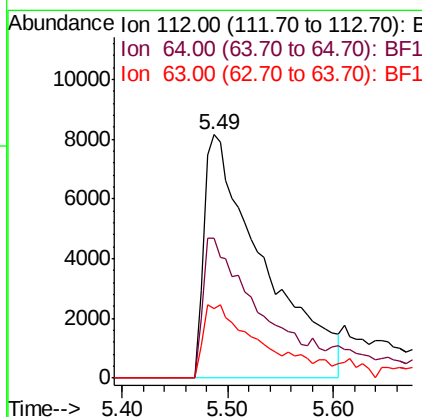
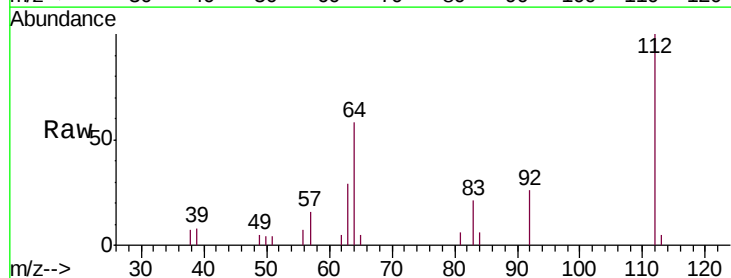
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081519-C

Tgt Ion:152 Resp: 127196
 Ion Ratio Lower Upper
 152 100
 150 159.5 126.2 189.2
 115 62.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 4.173 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF116344.D
 Acq: 17 Aug 2019 3:30

Tgt Ion:112 Resp: 31705
 Ion Ratio Lower Upper
 112 100
 64 57.5 45.4 68.2
 63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 6.113 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF116344.D

Acq: 17 Aug 2019 3:30

Instrument :

BNA_F

ClientSampleId :

JC-03-081519-C

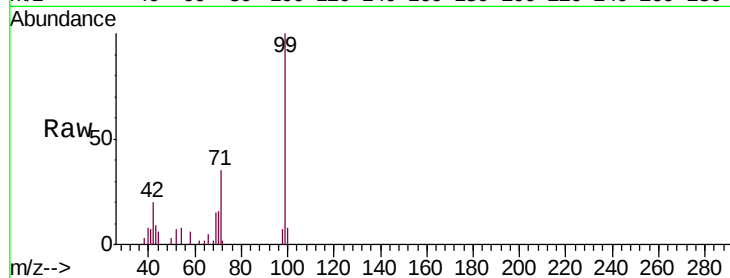
Tgt Ion: 99 Resp: 58600

Ion Ratio Lower Upper

99 100

42 19.7 13.8 20.8

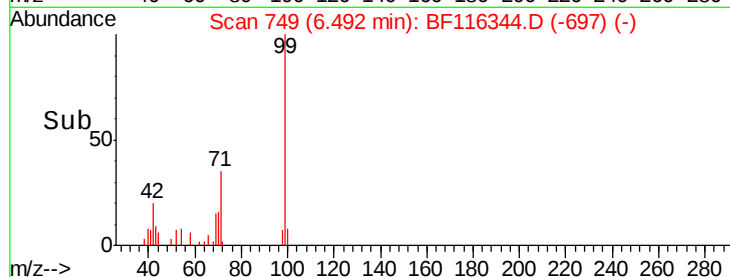
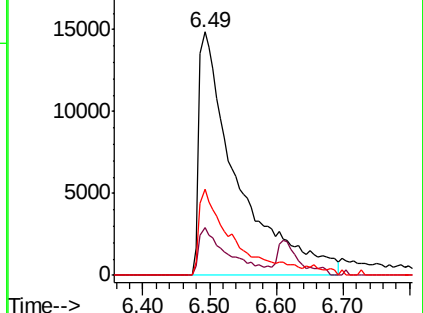
71 35.4 27.3 40.9



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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116344.D

Acq: 17 Aug 2019 3:30

Tgt Ion: 136 Resp: 516836

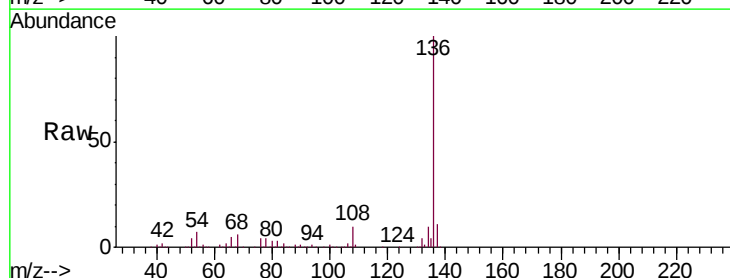
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 6.8 5.8 8.6

68 5.9 5.2 7.8

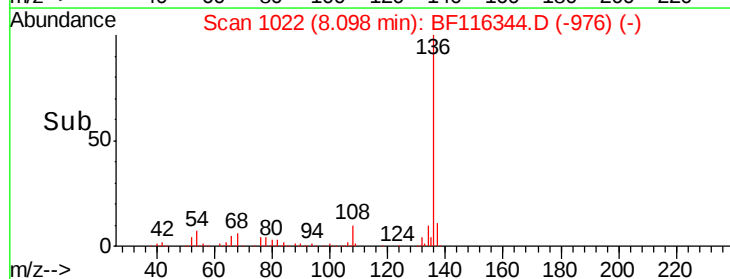
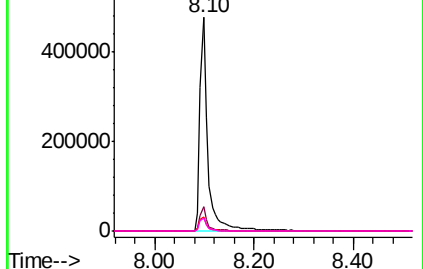


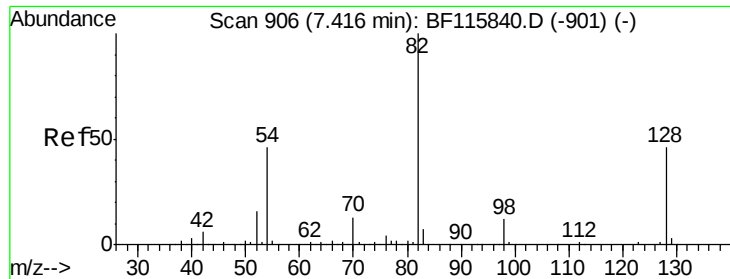
Abundance Ion 136.00 (135.70 to 136.70): E

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

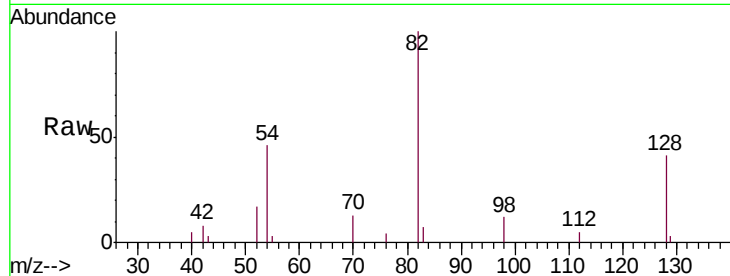




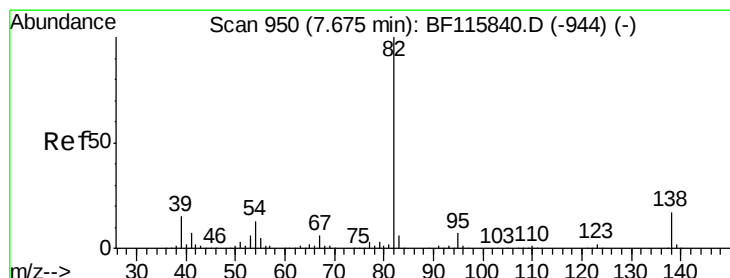
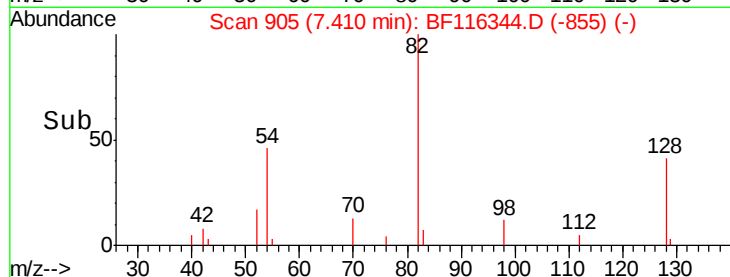
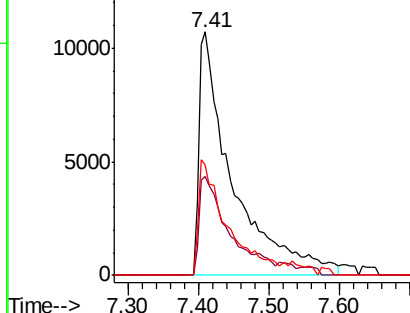
#23
 Nitrobenzene-d5
 Concen: 3.981 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116344.D
 Acq: 17 Aug 2019 3:30

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081519-C

Tgt Ion: 82 Resp: 35648
 Ion Ratio Lower Upper
 82 100
 128 40.6 36.5 54.7
 54 45.6 36.0 54.0

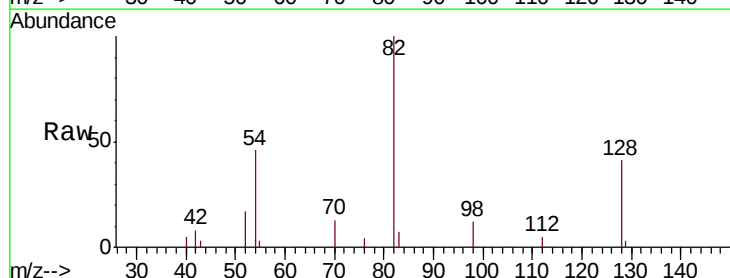


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

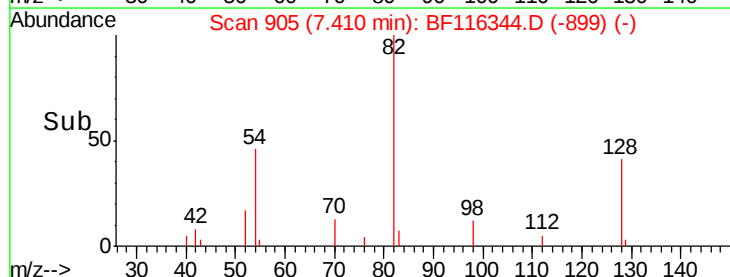
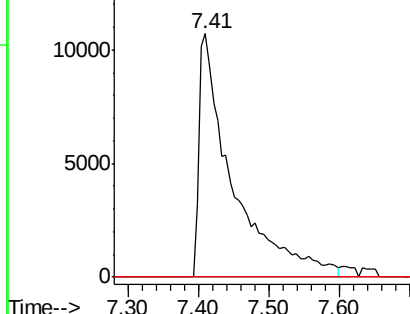


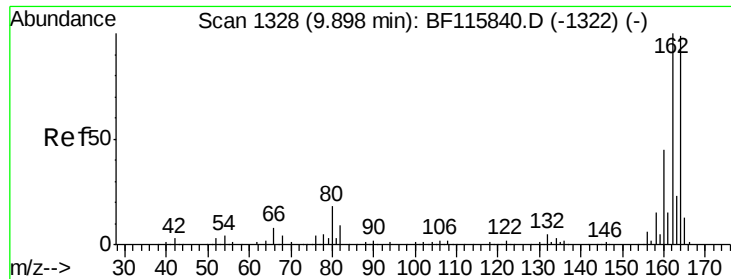
#25
 Isophorone
 Concen: 2.082 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF116344.D
 Acq: 17 Aug 2019 3:30

Tgt Ion: 82 Resp: 35648
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 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: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF116344.D

Acq: 17 Aug 2019 3:30

Instrument :

BNA_F

ClientSampleId :

JC-03-081519-C

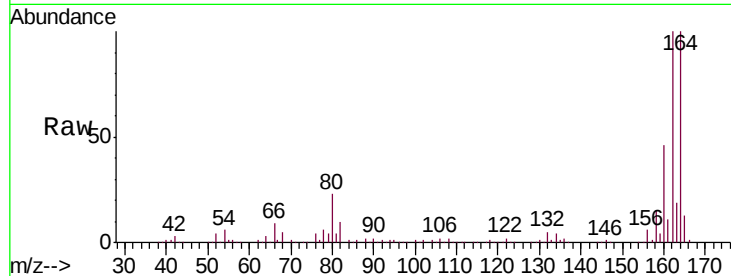
Tgt Ion:164 Resp: 253116

Ion Ratio Lower Upper

164 100

162 100.3 82.6 124.0

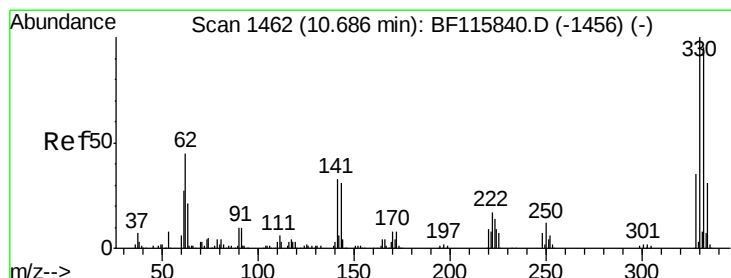
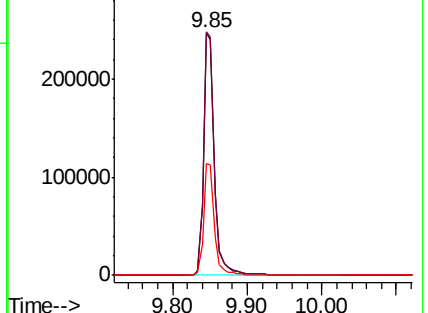
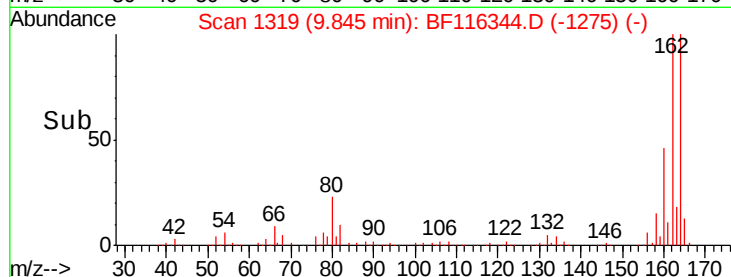
160 45.9 37.6 56.4



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: 4.144 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116344.D

Acq: 17 Aug 2019 3:30

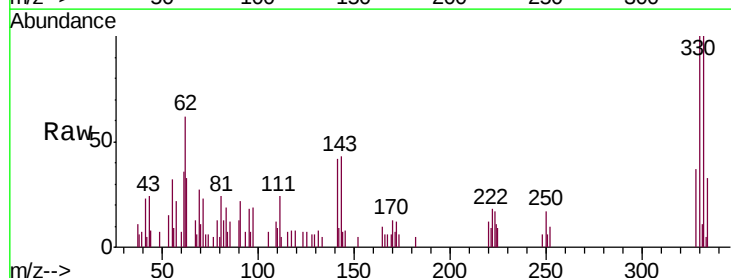
Tgt Ion:330 Resp: 10169

Ion Ratio Lower Upper

330 100

332 94.9 76.8 115.2

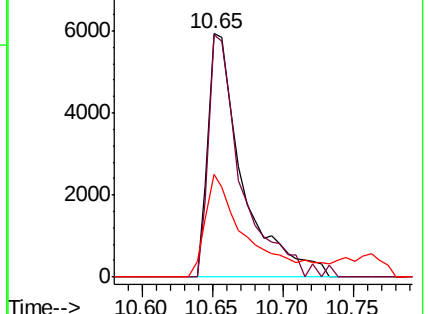
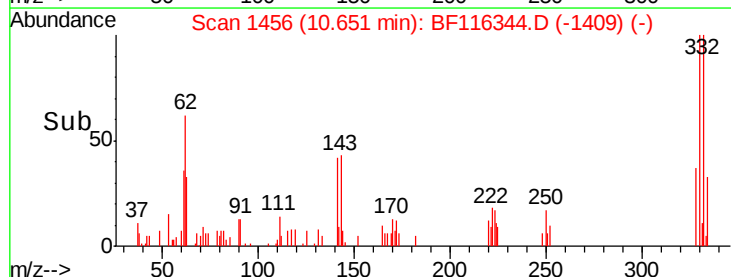
141 52.1 26.3 39.5#



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

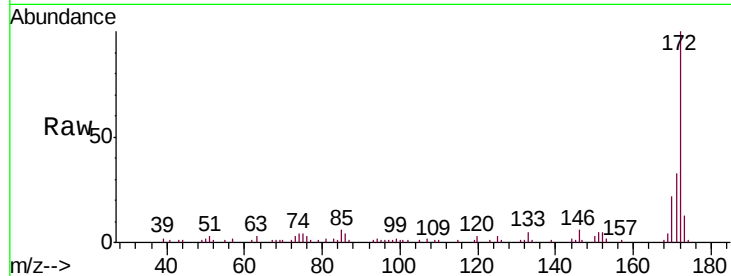




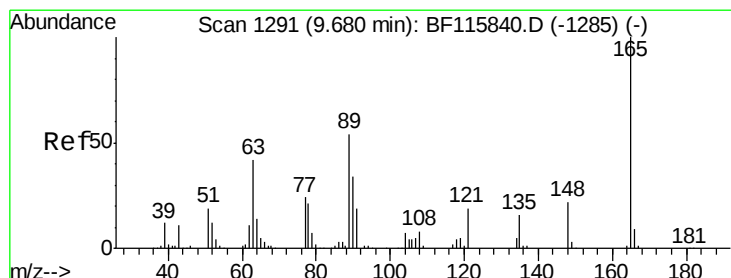
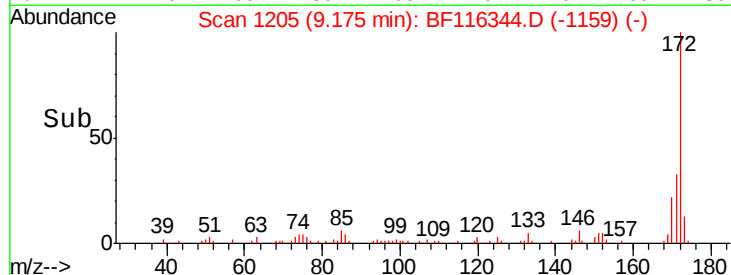
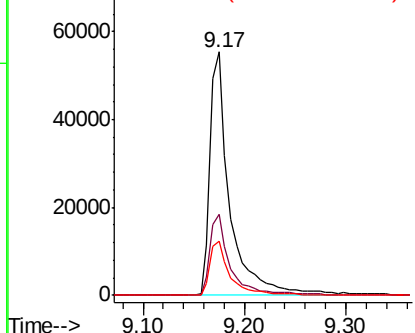
#45
 2-Fluorobiphenyl
 Concen: 5.610 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF116344.D
 Acq: 17 Aug 2019 3:30

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081519-C

Tgt Ion:172 Resp: 75811
 Ion Ratio Lower Upper
 172 100
 171 33.1 29.6 44.4
 170 22.3 20.1 30.1

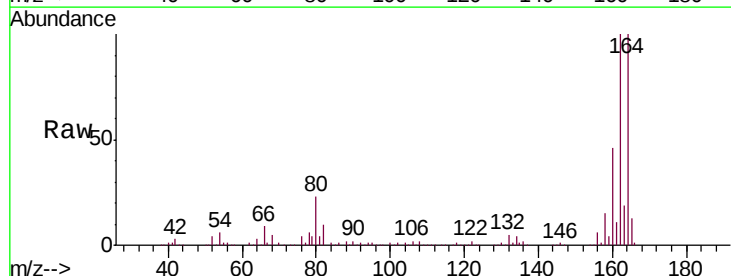


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

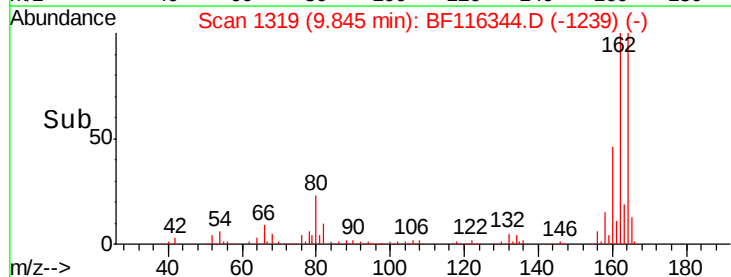
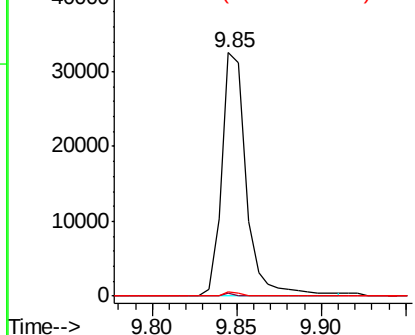


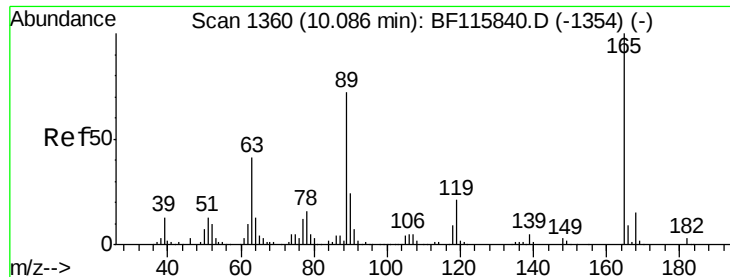
#51
 2,6-Dinitrotoluene
 Concen: 8.856 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.17 min
 Lab File: BF116344.D
 Acq: 17 Aug 2019 3:30

Tgt Ion:165 Resp: 33167
 Ion Ratio Lower Upper
 165 100
 63 1.2 38.2 57.2#
 89 1.6 42.9 64.3#



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





#57

2,4-Dinitrotoluene

Concen: 6.703 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.24 min

Lab File: BF116344.D

Acq: 17 Aug 2019 3:30

Instrument :

BNA_F

ClientSampleId :

JC-03-081519-C

Tgt Ion:165 Resp: 33423

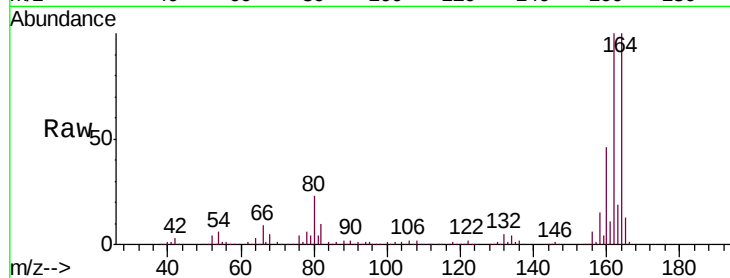
Ion Ratio Lower Upper

165 100

63 1.2 39.6 59.4#

89 1.6 62.2 93.2#

182 0.0 2.1 3.1#

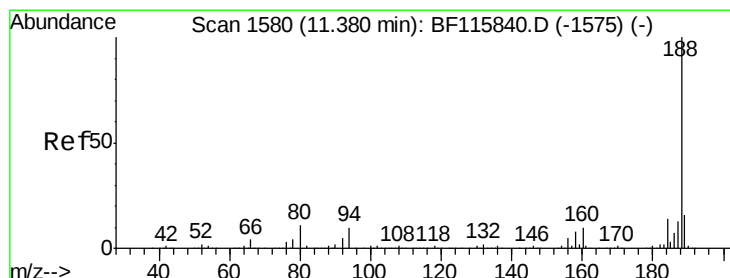
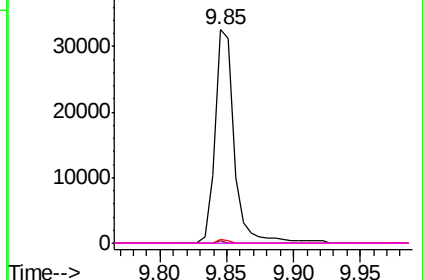
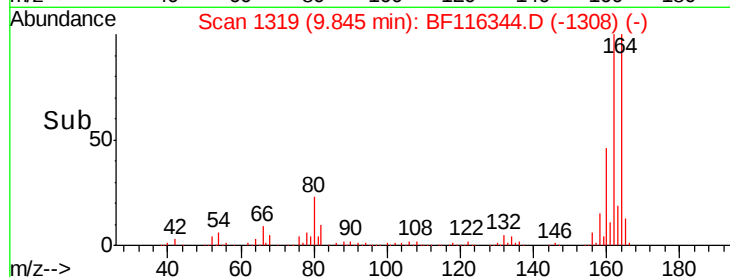


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1572

Delta R.T. -0.04 min

Lab File: BF116344.D

Acq: 17 Aug 2019 3:30

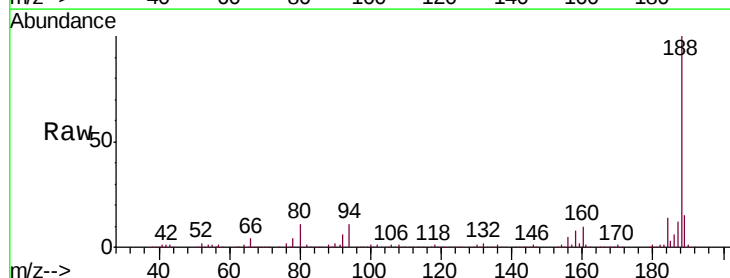
Tgt Ion:188 Resp: 389254

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

80 11.3 8.7 13.1



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

