

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007715.D
 Acq On : 18 Sep 2019 20:53
 Operator : HP/JU
 Sample : K4883-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 07:25:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6358	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	25960	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	16202	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	36224	0.40	ng	0.00
27) Chrysene-d12	21.27	240	40452	0.40	ng	0.00
34) Perylene-d12	23.49	264	44644	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	3182	0.15	ng	0.00
5) Phenol-d6	6.87	99	2448	0.08	ng	0.00
8) Nitrobenzene-d5	8.83	82	8092	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	16632	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2775	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	25800	0.39	ng	0.00
25) Fluoranthene-d10	19.10	212	47458	0.39	ng	0.00
29) Terphenyl-d14	19.71	244	47610	0.48	ng	0.00

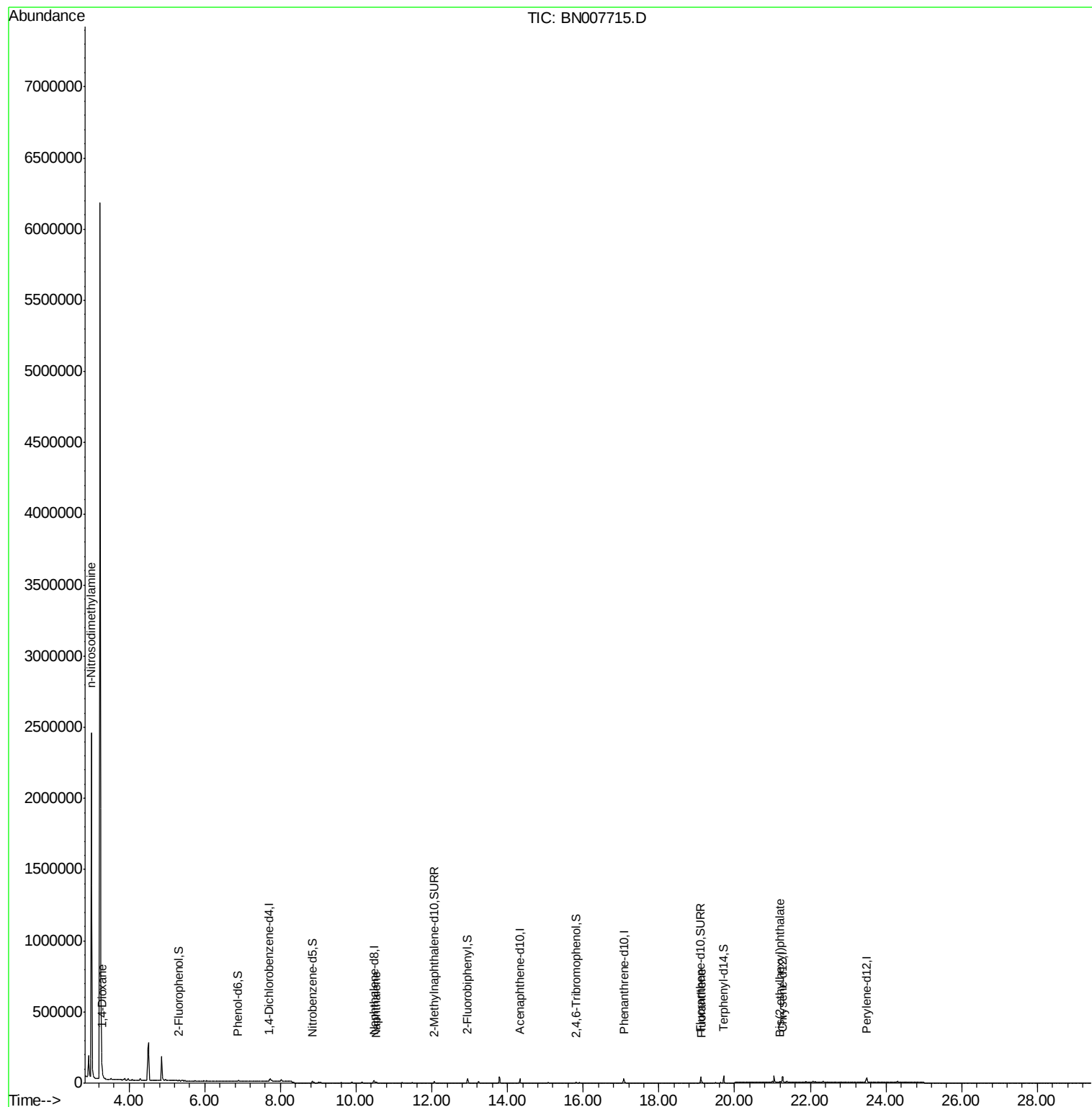
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	160	0.023	ng	# 1
3) n-Nitrosodimethylamine	3.01	42	179919	55.431	ng	# 67
9) Naphthalene	10.52	128	4946	0.068	ng	# 92
26) Fluoranthene	19.13	202	3404	0.024	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.20	149	6638	0.087	ng	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :

BNA_N

ClientSampleId :

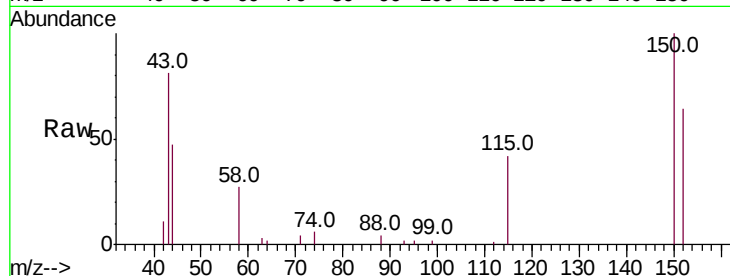
Tot Ion:152 Resp: 6358

Ion Ratio Lower Upper

152 100

150 155.8 125.6 188.4

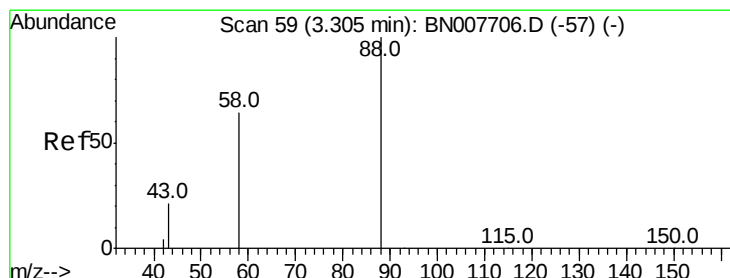
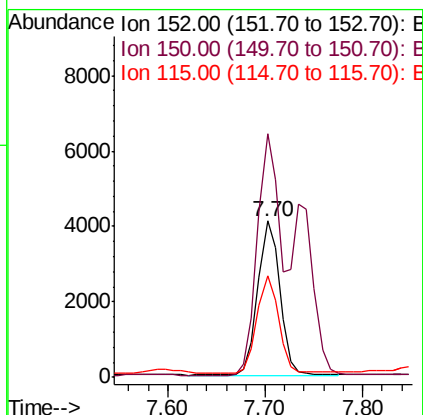
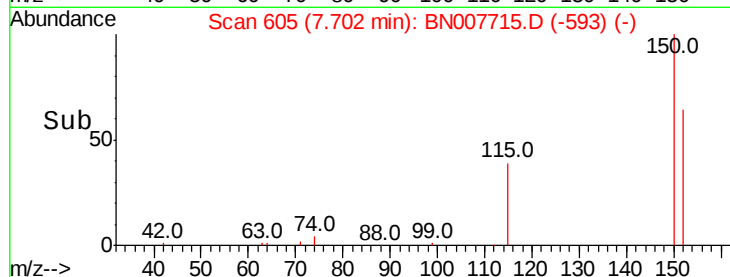
115 64.9 53.3 79.9



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



#2

1,4-Dioxane

Concen: 0.023 ng

RT: 3.30 min Scan# 59

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

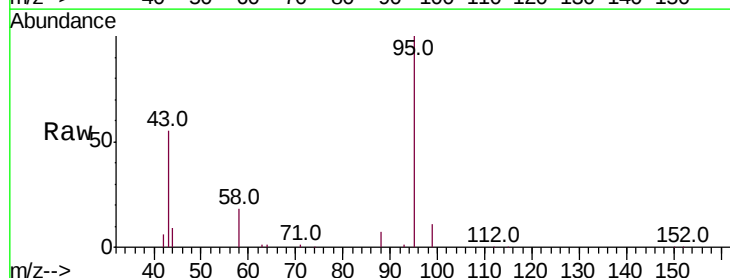
Tgt Ion: 88 Resp: 160

Ion Ratio Lower Upper

88 100

58 230.6 44.6 66.8#

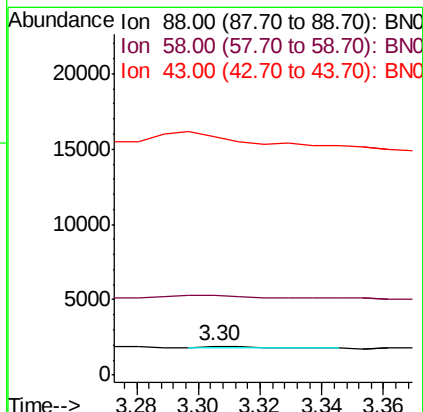
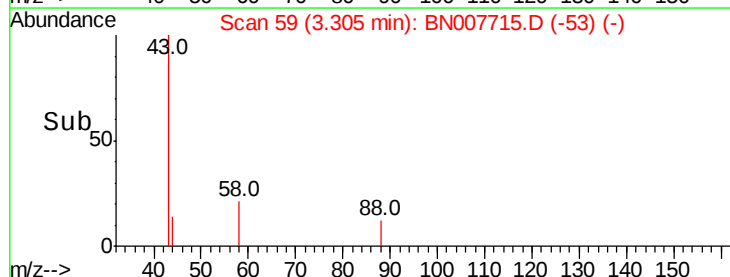
43 996.9 14.4 21.6#



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 55.431 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

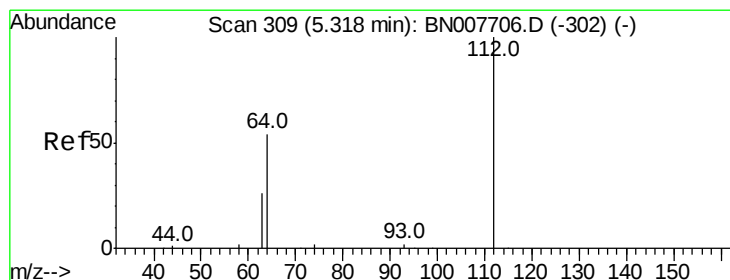
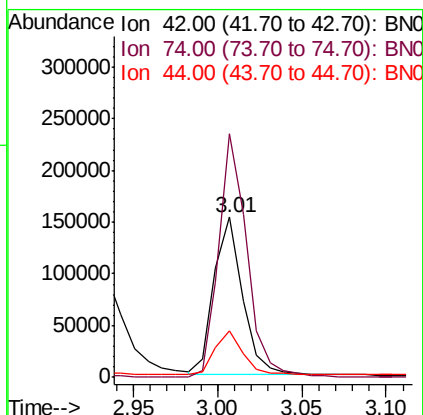
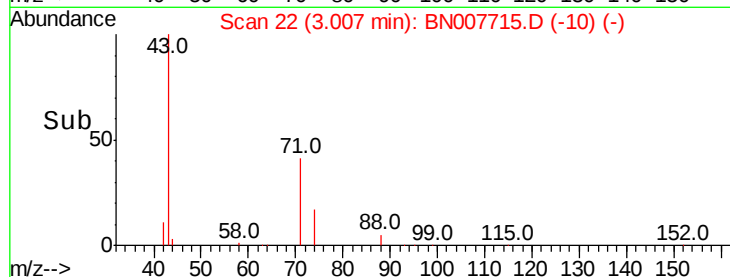
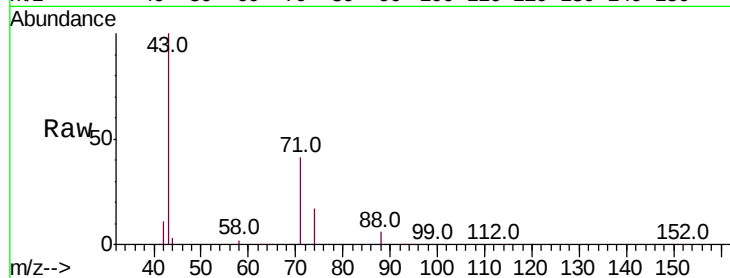
Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 42 Resp: 179919

Ion	Ratio	Lower	Upper
42	100		
74	151.0	87.9	131.9#
44	27.0	29.4	44.0#



#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.32 min Scan# 309

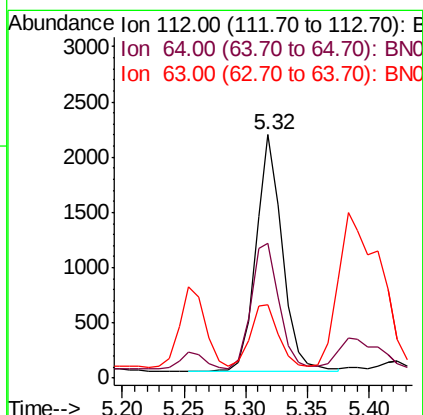
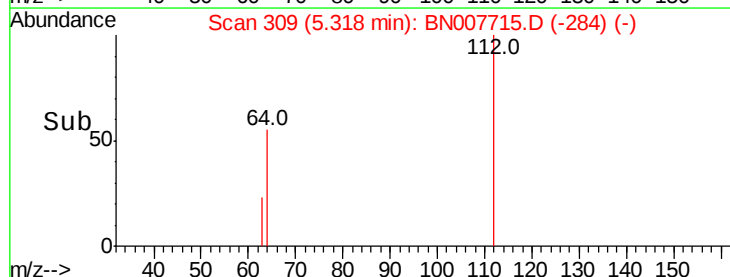
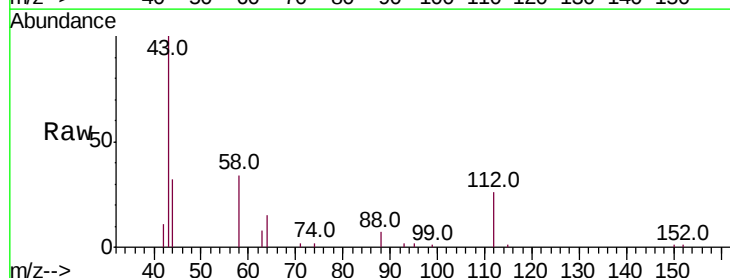
Delta R.T. 0.00 min

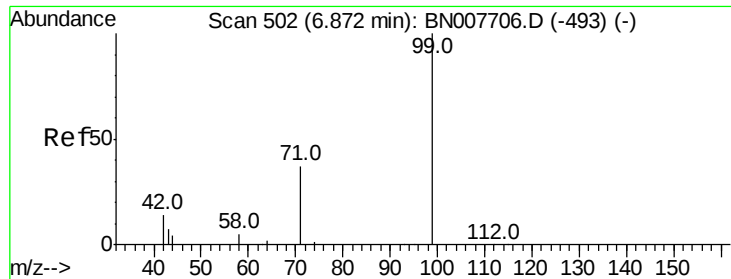
Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Tgt Ion: 112 Resp: 3182

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.6	70.0
63	28.0	23.1	34.7





#5

Phenol-d6

Concen: 0.085 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :

BNA_N

ClientSampleId :

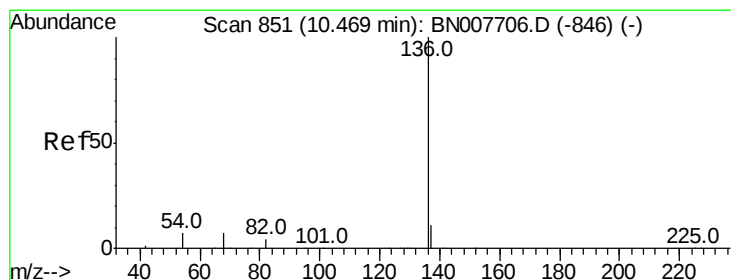
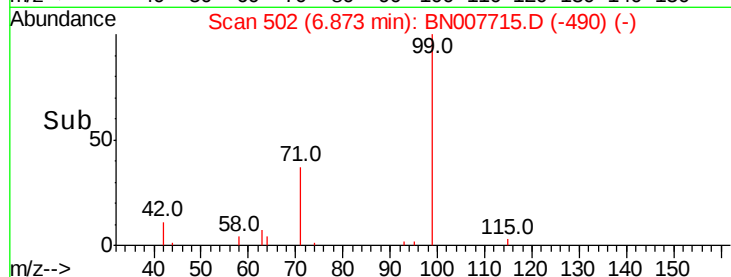
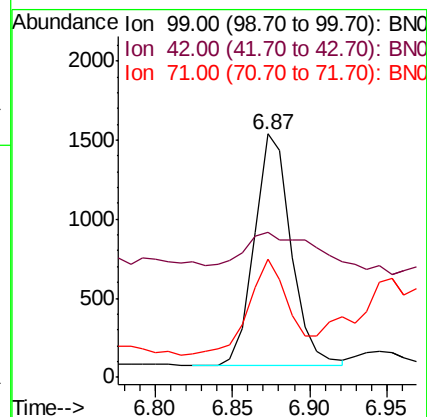
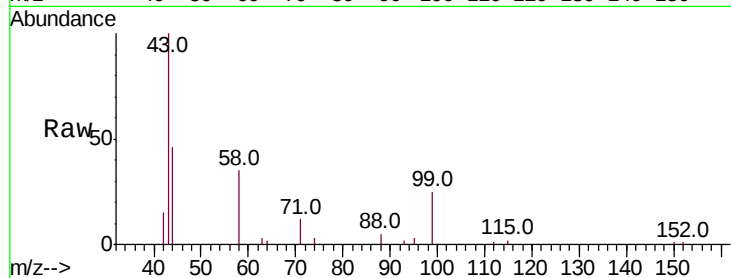
Tot Ion: 99 Resp: 2448

Ion Ratio Lower Upper

99 100

42 38.1 12.8 19.2#

71 43.3 27.6 41.4#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Tgt Ion: 136 Resp: 25960

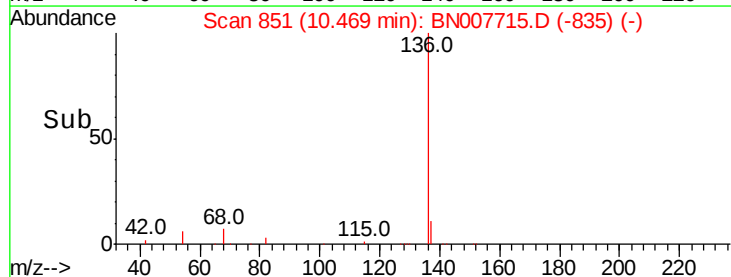
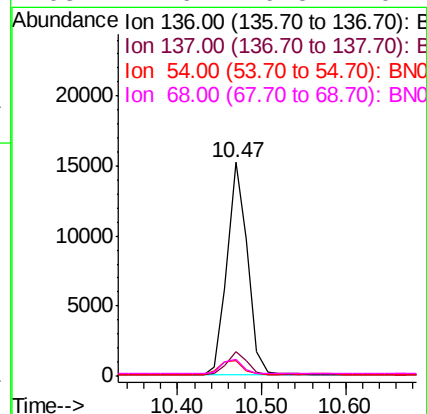
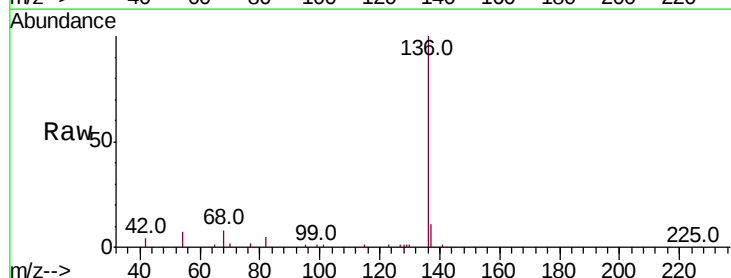
Ion Ratio Lower Upper

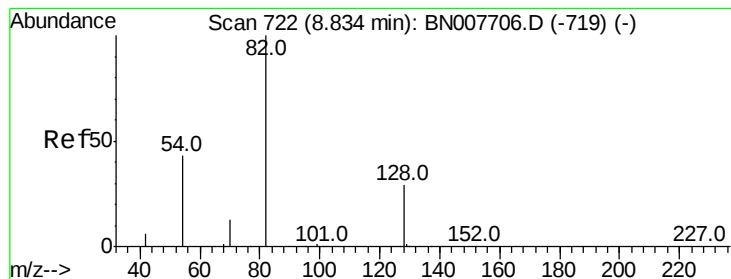
136 100

137 11.4 9.2 13.8

54 7.2 5.8 8.8

68 7.6 6.5 9.7





#8

Nitrobenzene-d5

Concen: 0.356 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :

BNA_N

ClientSampleId :

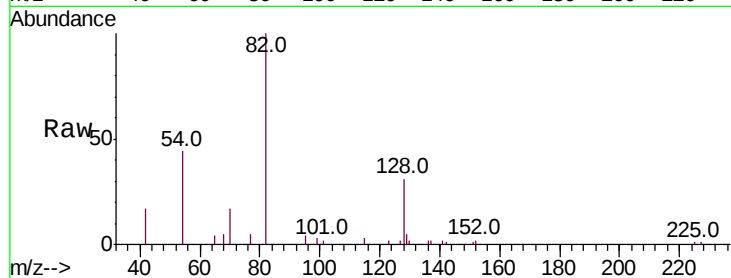
Tot Ion: 82 Resp: 8092

Ion Ratio Lower Upper

82 100

128 30.7 24.5 36.7

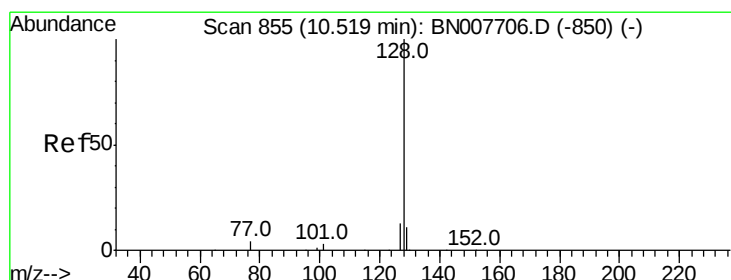
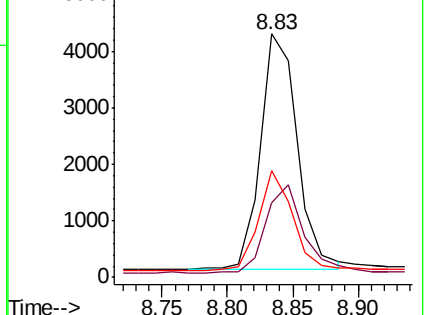
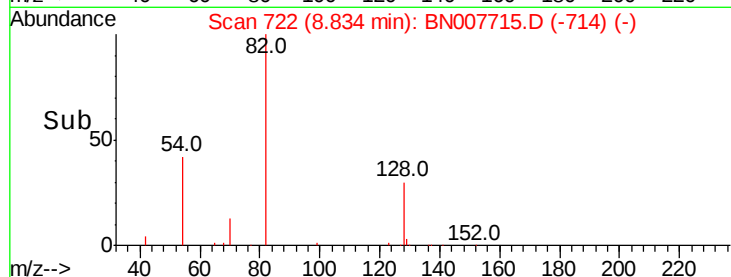
54 43.6 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007715.D (-847) (-)

Ion 128.00 (127.70 to 128.70): BN007715.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007715.D (-847) (-)



#9

Naphthalene

Concen: 0.068 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

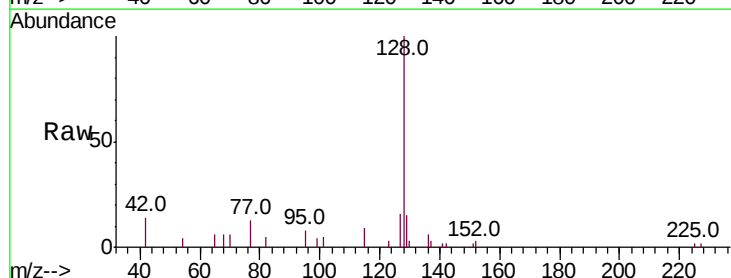
Tgt Ion: 128 Resp: 4946

Ion Ratio Lower Upper

128 100

129 15.3 9.1 13.7#

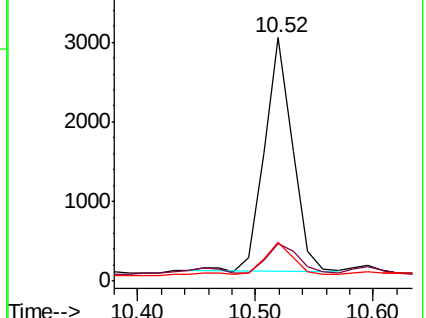
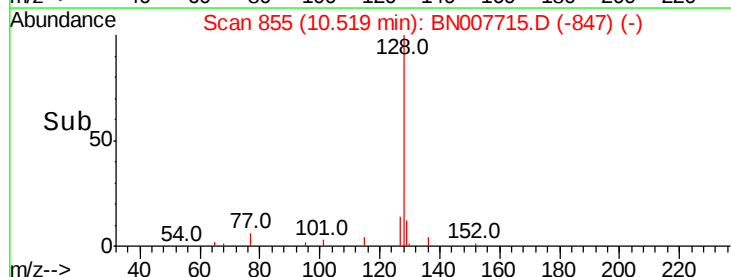
127 15.9 10.6 15.8#

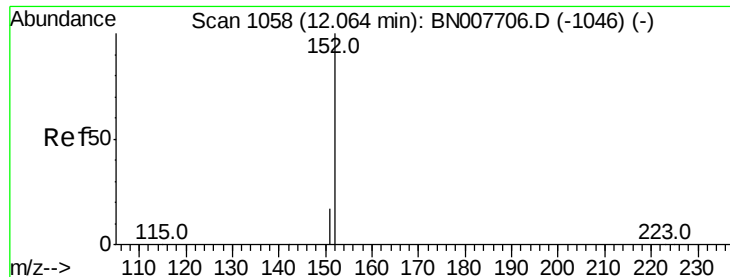


Abundance Ion 128.00 (127.70 to 128.70): BN007715.D (-847) (-)

Ion 129.00 (128.70 to 129.70): BN007715.D (-847) (-)

Ion 127.00 (126.70 to 127.70): BN007715.D (-847) (-)

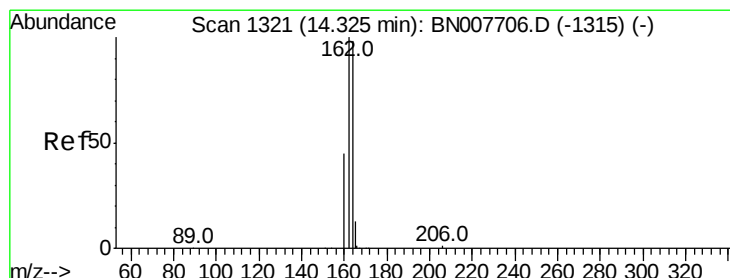
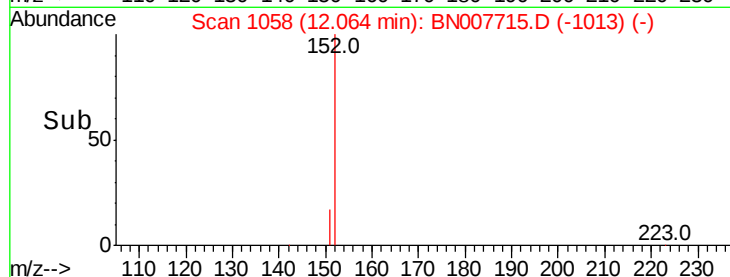
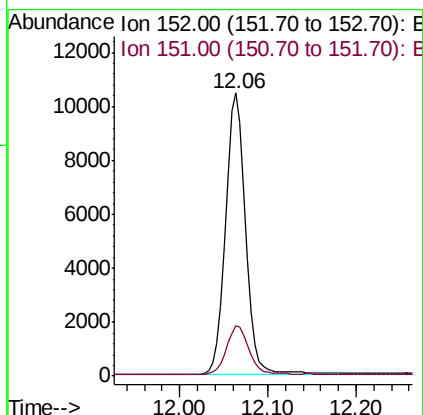
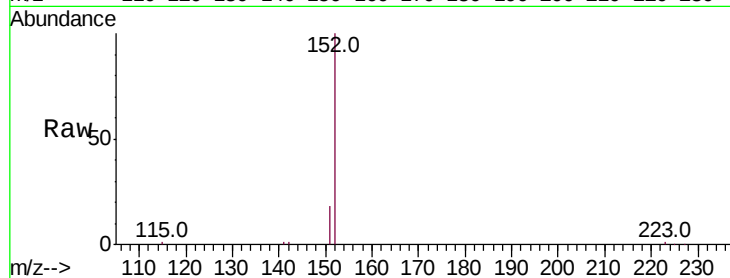




#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.06 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

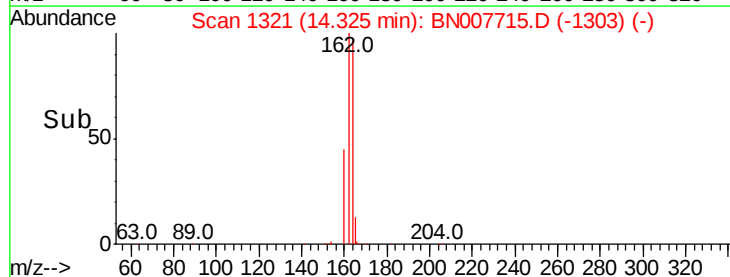
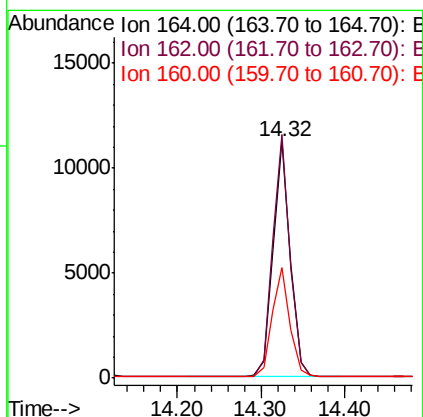
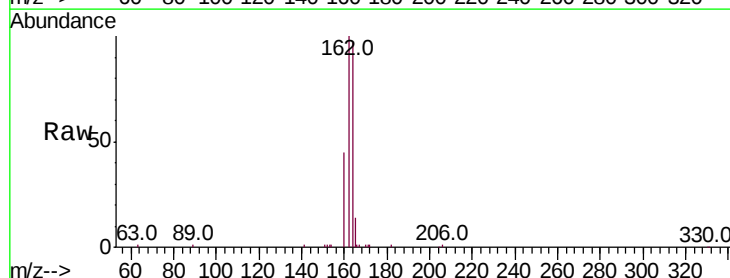
Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 16632
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Tgt Ion:164 Resp: 16202
Ion Ratio Lower Upper
164 100
162 102.7 81.7 122.5
160 46.7 37.0 55.4

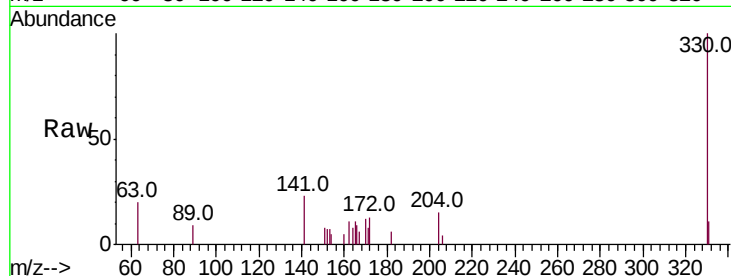




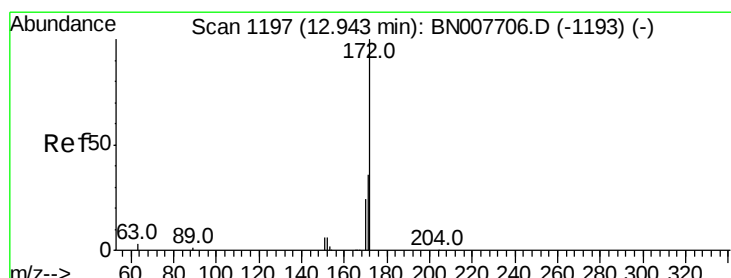
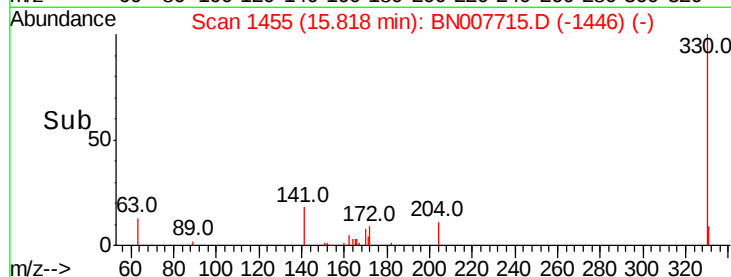
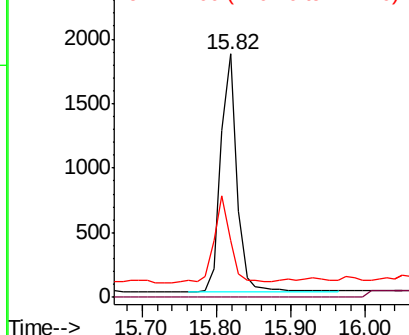
#14
 2,4,6-Tribromophenol
 Concen: 0.314 ng
 RT: 15.82 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BN007715.D
 Acq: 18 Sep 2019 20:53

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 2775
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.1 28.7 43.1

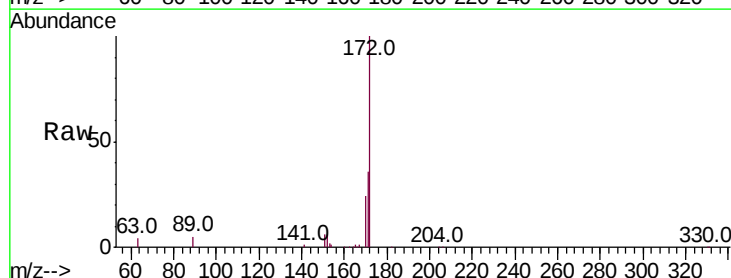


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

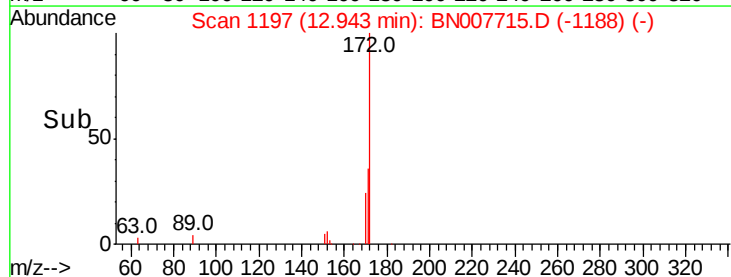
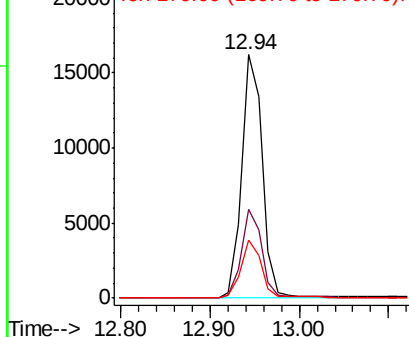


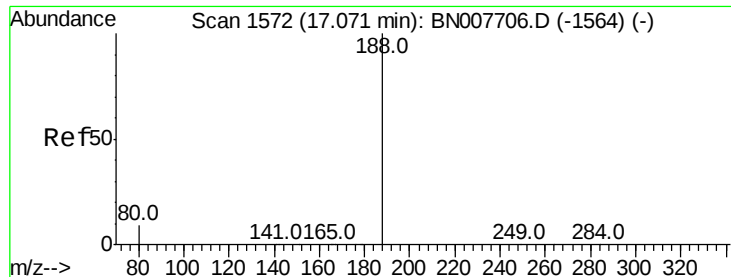
#15
 2-Fluorobiphenyl
 Concen: 0.387 ng
 RT: 12.94 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BN007715.D
 Acq: 18 Sep 2019 20:53

Tgt Ion:172 Resp: 25800
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.8 43.2
 170 24.0 19.5 29.3



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :

BNA_N

ClientSampleId :

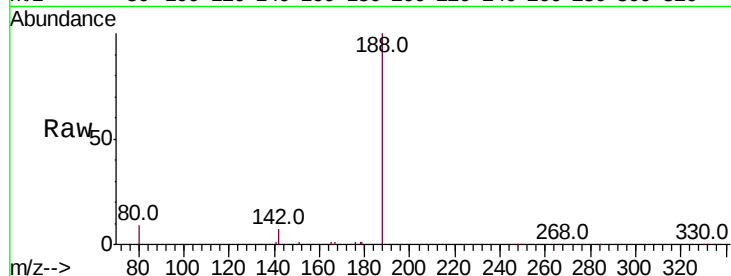
Tot Ion:188 Resp: 36224

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

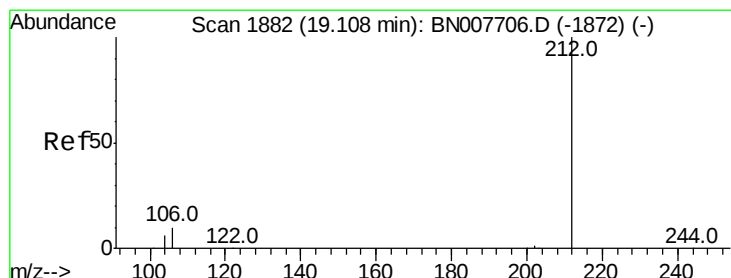
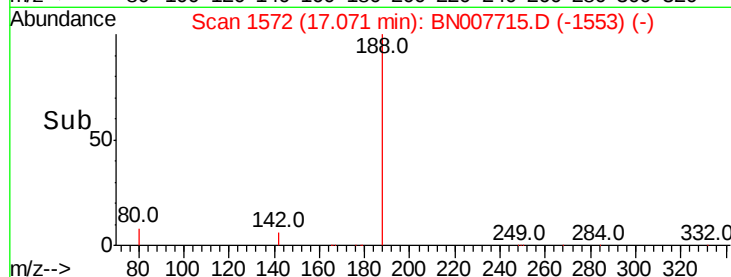
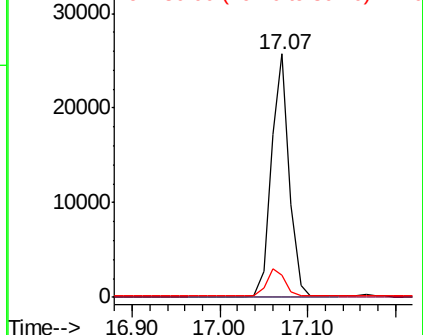
80 9.1 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

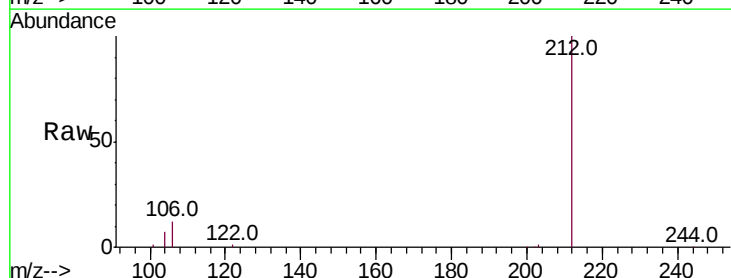
Tgt Ion:212 Resp: 47458

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

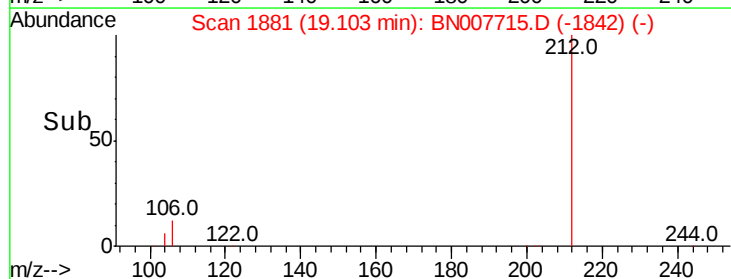
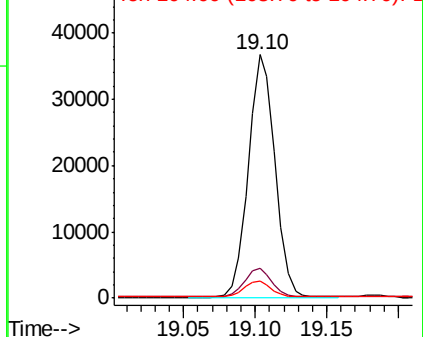
104 6.6 5.3 7.9

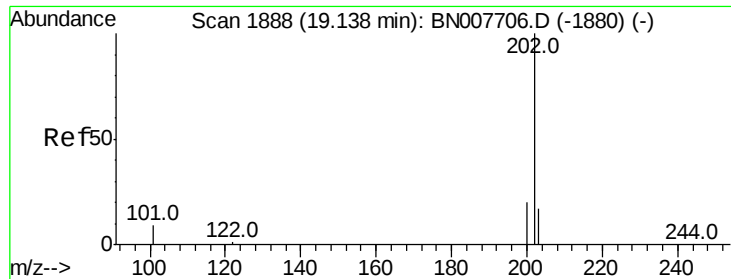


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

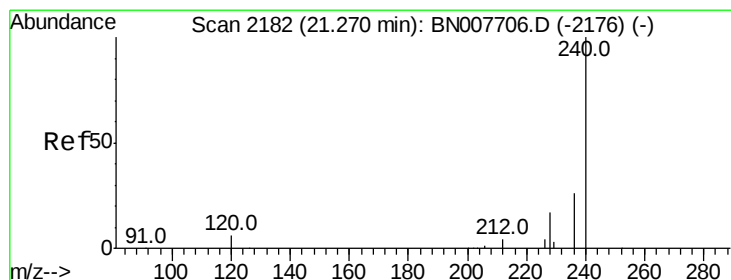
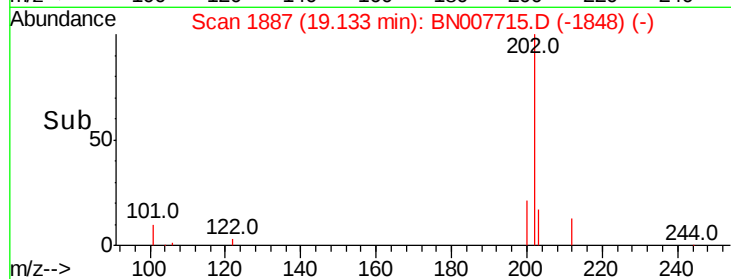
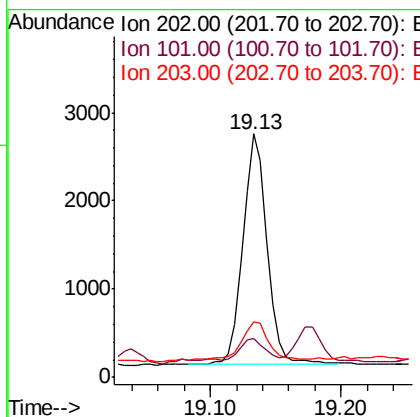
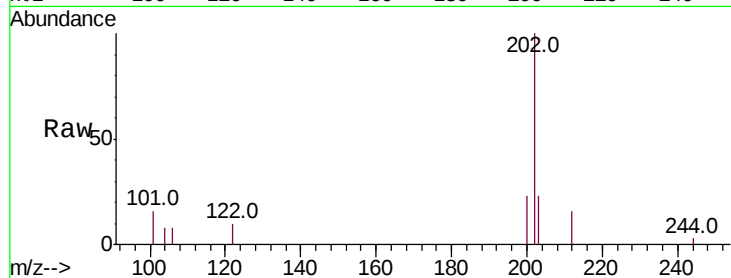




#26
 Fluoranthene
 Concen: 0.024 ng
 RT: 19.13 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BN007715.D
 Acq: 18 Sep 2019 20:53

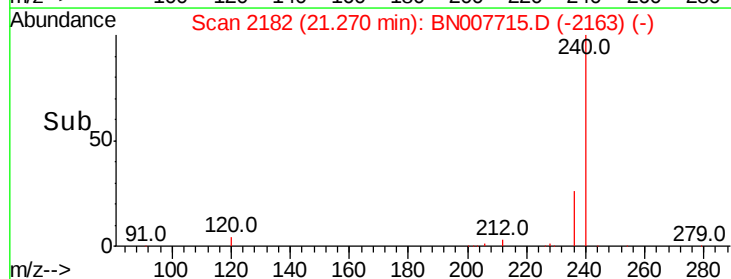
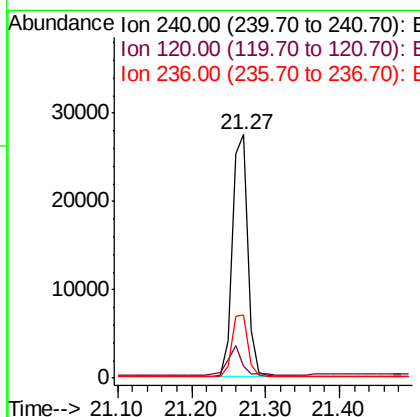
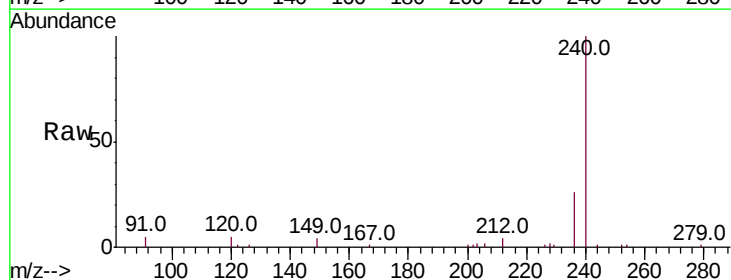
Instrument :
 BNA_N
 ClientSampleId :

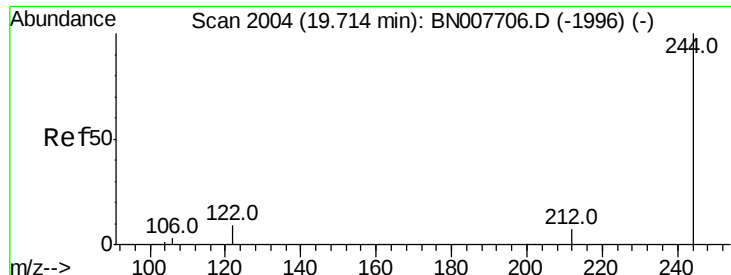
Tot Ion:202 Resp: 3404
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.4 12.6
 203 21.2 13.8 20.8#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BN007715.D
 Acq: 18 Sep 2019 20:53

Tgt Ion:240 Resp: 40452
 Ion Ratio Lower Upper
 240 100
 120 5.2 5.4 8.2#
 236 26.1 21.0 31.4





#29

Terphenyl-d14

Concen: 0.479 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :

BNA_N

ClientSampleId :

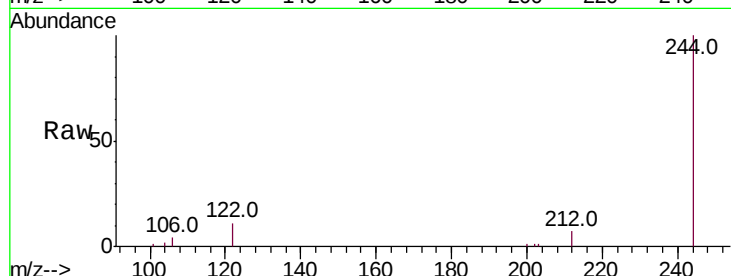
Tot Ion:244 Resp: 47610

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

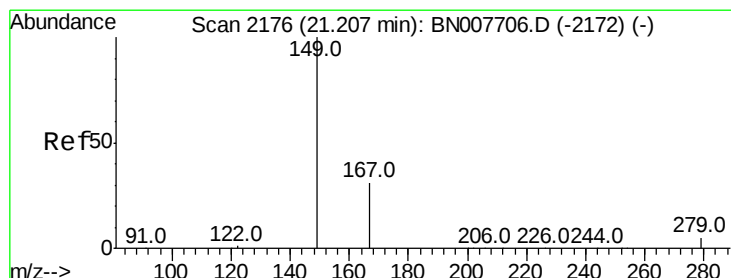
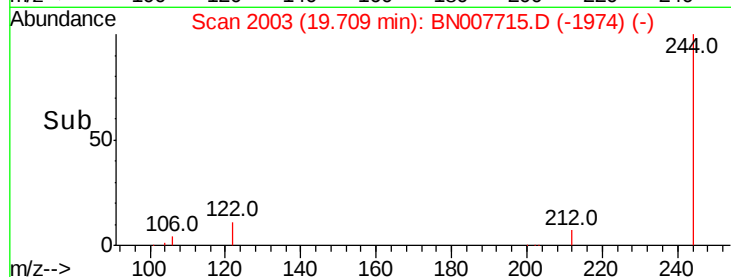
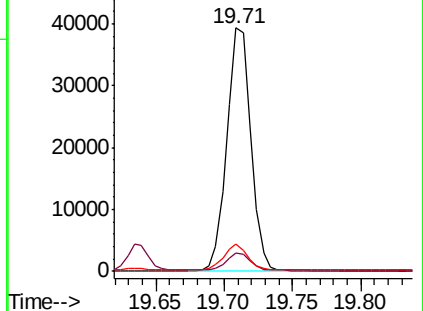
122 11.2 7.4 11.2#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.087 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

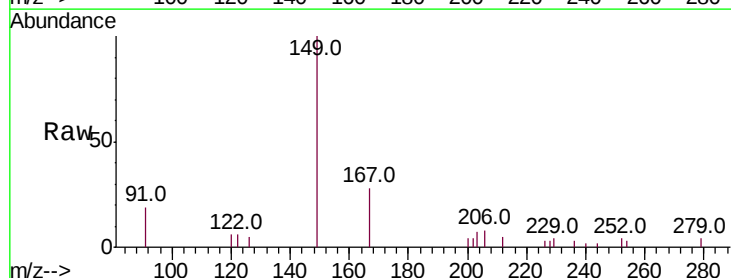
Tgt Ion:149 Resp: 6638

Ion Ratio Lower Upper

149 100

167 26.0 23.7 35.5

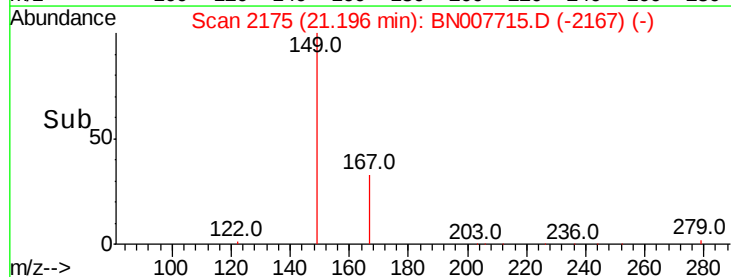
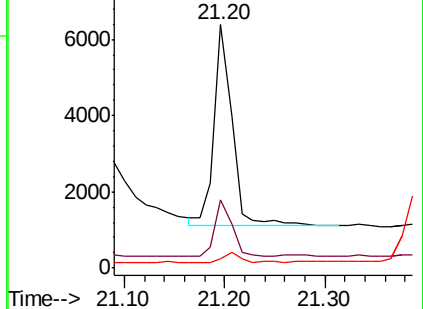
279 4.7 4.2 6.2

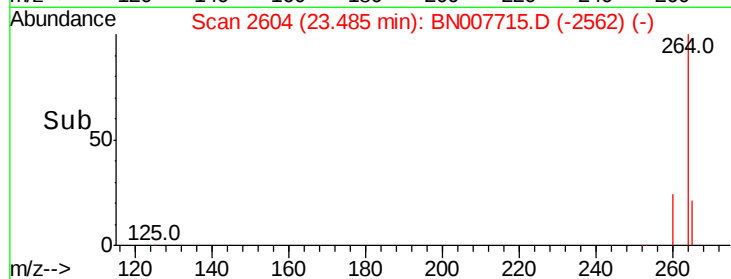
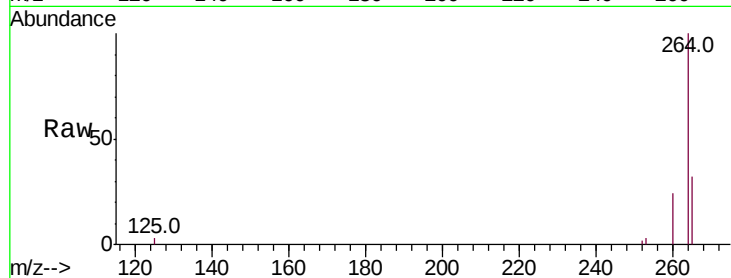
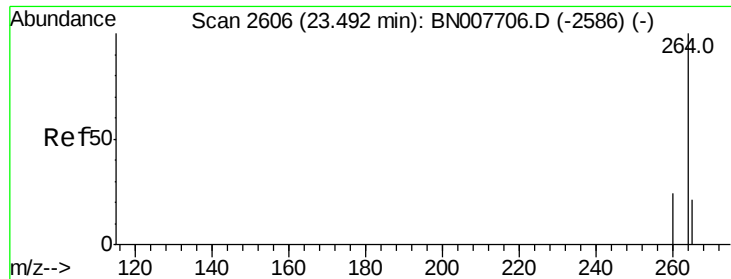


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	264	Resp:	44644
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.3	28.9
265	32.1	26.9	40.3

