

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007718.D
 Acq On : 18 Sep 2019 22:40
 Operator : HP/JU
 Sample : K4896-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20190912

Quant Time: Sep 19 07:26:10 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

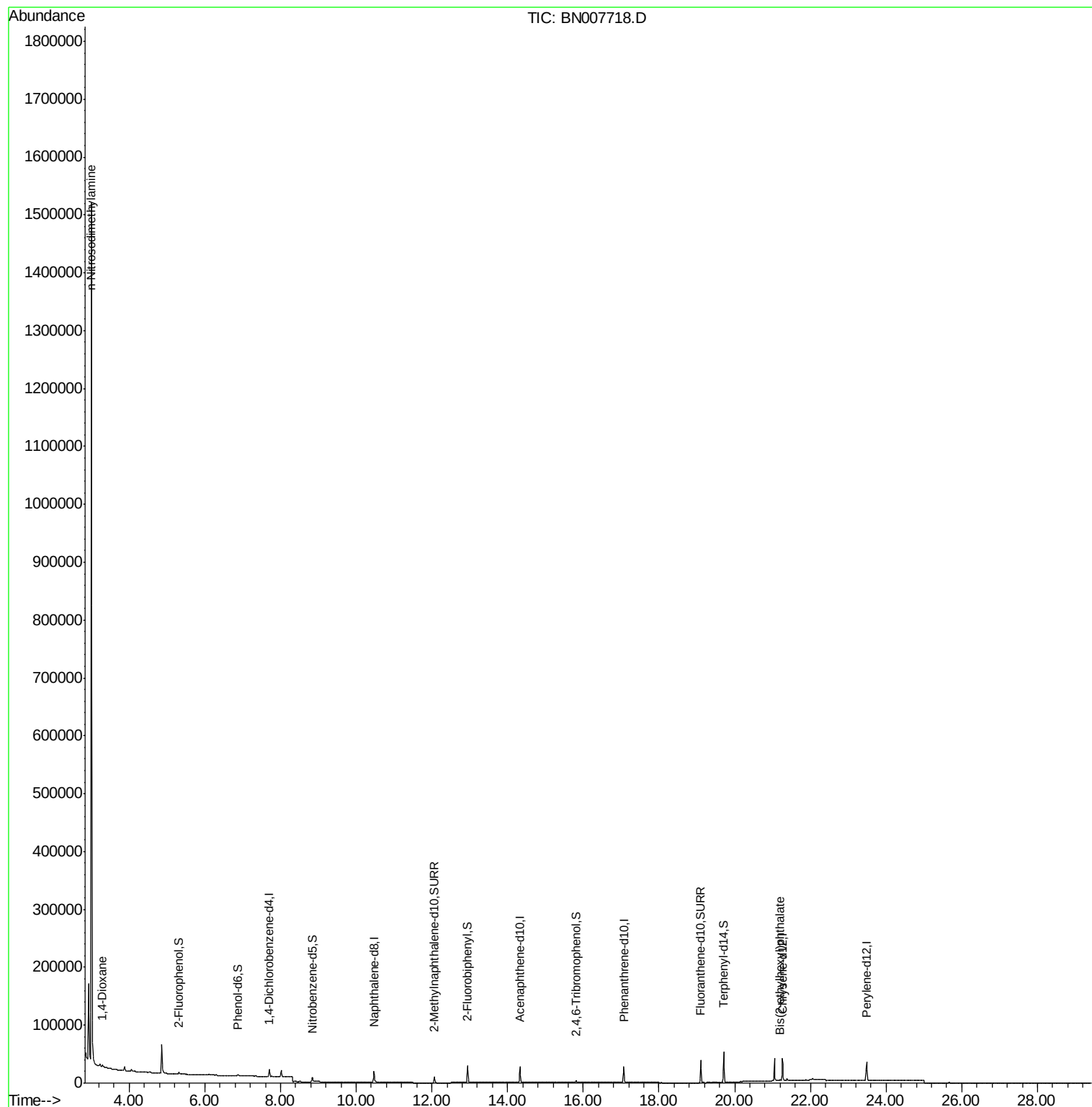
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6101	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23596	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	15226	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	34228	0.40	ng	0.00
27) Chrysene-d12	21.26	240	37399	0.40	ng	-0.01
34) Perylene-d12	23.48	264	41282	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2959	0.14	ng	0.00
5) Phenol-d6	6.88	99	2364	0.09	ng	0.00
8) Nitrobenzene-d5	8.83	82	7665	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	14798	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2363	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	26927	0.43	ng	0.00
25) Fluoranthene-d10	19.10	212	45139	0.39	ng	0.00
29) Terphenyl-d14	19.71	244	51023	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	2943	0.433	ng	# 77
3) n-Nitrosodimethylamine	3.01	42	109551	35.173	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.20	149	2235	0.032	ng	97

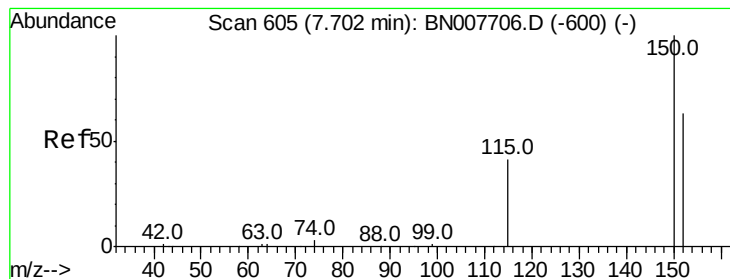
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
Data File : BN007718.D
Acq On : 18 Sep 2019 22:40
Operator : HP/JU
Sample : K4896-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE123D2-20190912

Quant Time: Sep 19 07:26:10 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BN007718.D

Acq: 18 Sep 2019 22:40

Instrument :

BNA_N

ClientSampleId :

RE123D2-20190912

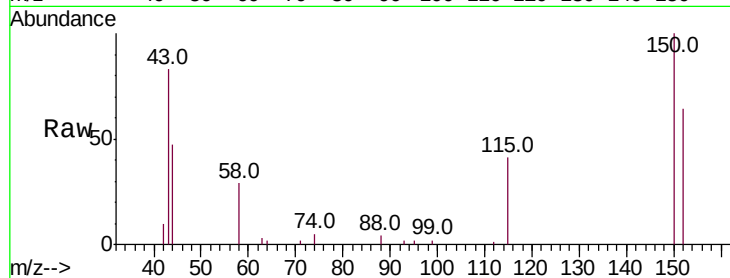
Tot Ion:152 Resp: 6101

Ion Ratio Lower Upper

152 100

150 155.0 125.6 188.4

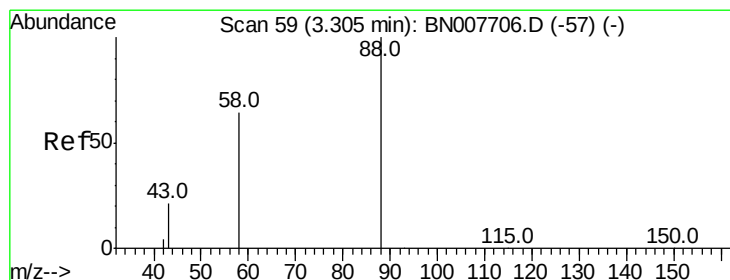
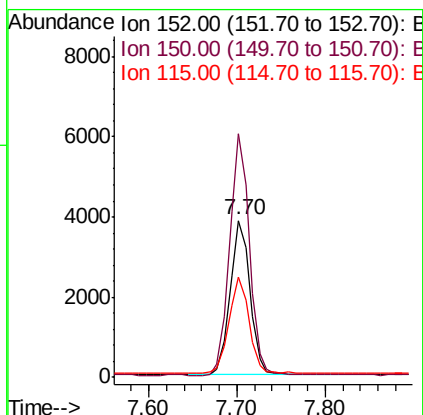
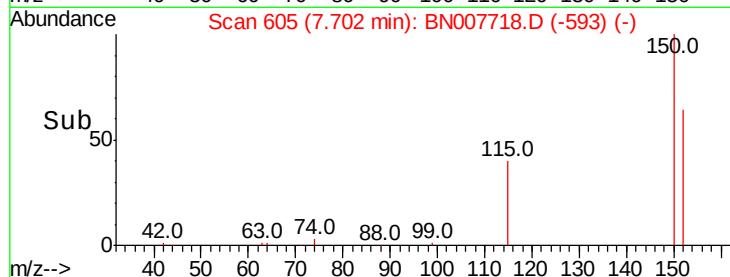
115 64.0 53.3 79.9



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: 0.433 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007718.D

Acq: 18 Sep 2019 22:40

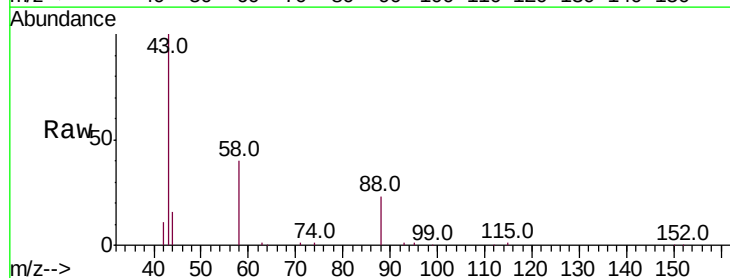
Tgt Ion: 88 Resp: 2943

Ion Ratio Lower Upper

88 100

58 68.7 44.6 66.8#

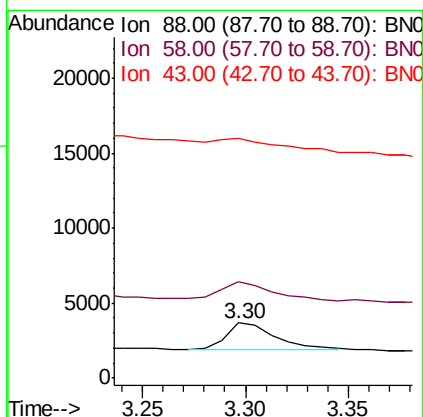
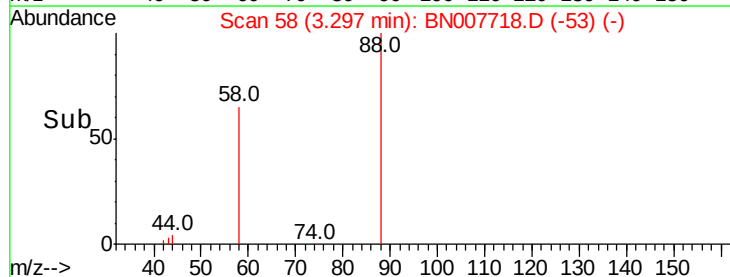
43 0.0 14.4 21.6#

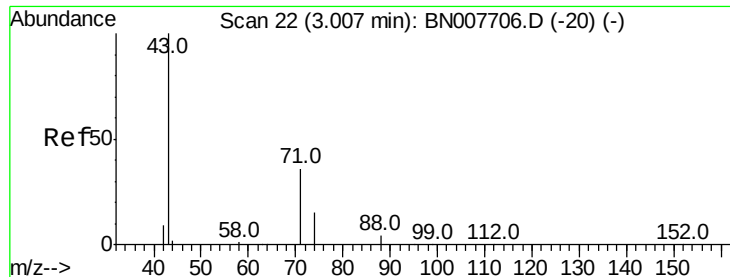


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 35.173 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

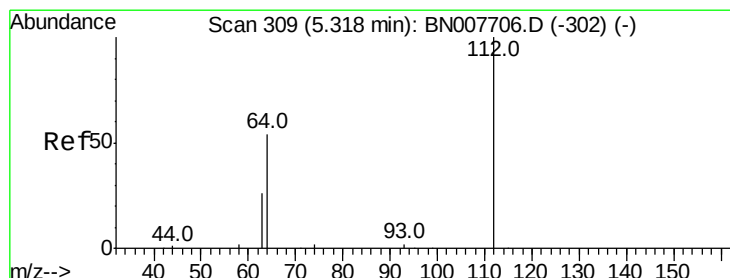
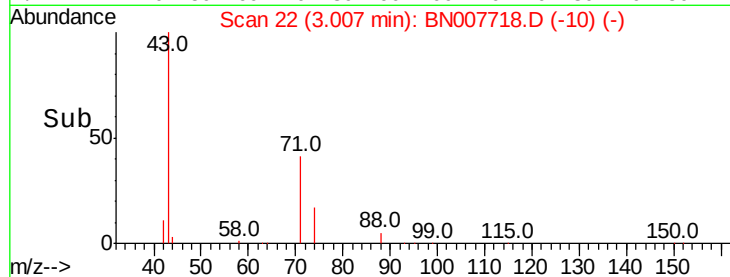
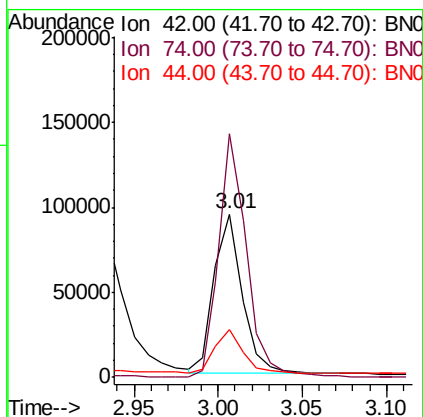
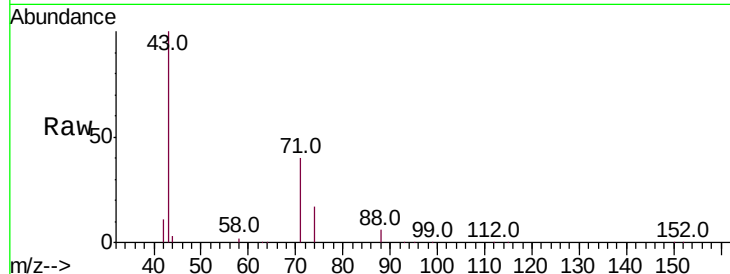
Lab File: BN007718.D

Acq: 18 Sep 2019 22:40

Instrument :
BNA_N
ClientSampleId :
RE123D2-20190912

Tot Ion: 42 Resp: 109551

Ion	Ratio	Lower	Upper
42	100		
74	148.5	87.9	131.9#
44	26.8	29.4	44.0#



#4

2-Fluorophenol

Concen: 0.141 ng

RT: 5.32 min Scan# 309

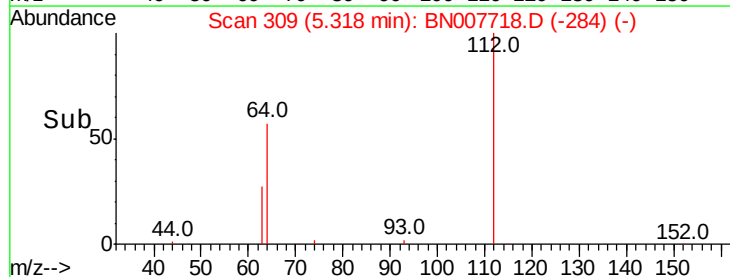
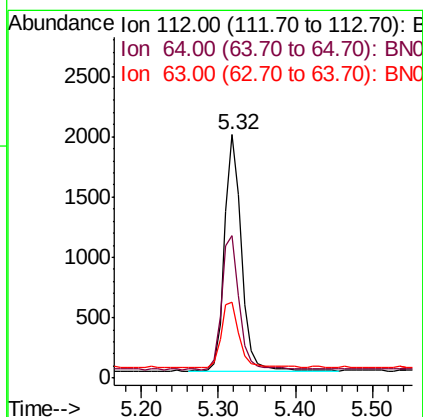
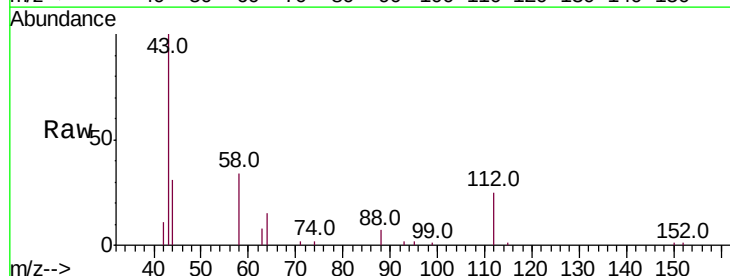
Delta R.T. -0.00 min

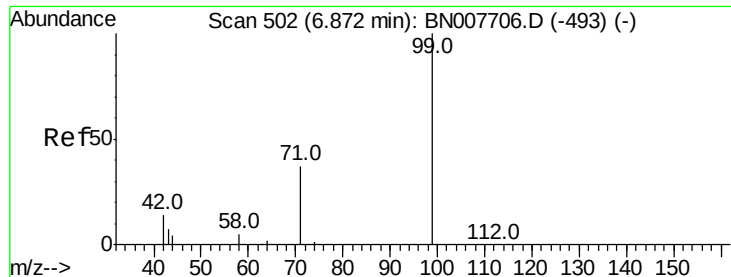
Lab File: BN007718.D

Acq: 18 Sep 2019 22:40

Tgt Ion: 112 Resp: 2959

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	70.0
63	29.3	23.1	34.7





#5

Phenol-d6

Concen: 0.085 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN007718.D

Acq: 18 Sep 2019 22:40

Instrument :

BNA_N

ClientSampleId :

RE123D2-20190912

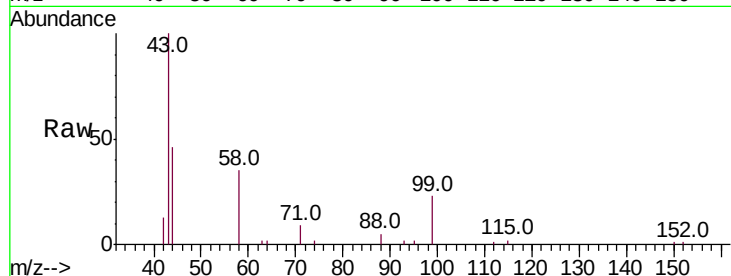
Tot Ion: 99 Resp: 2364

Ion Ratio Lower Upper

99 100

42 12.9 12.8 19.2

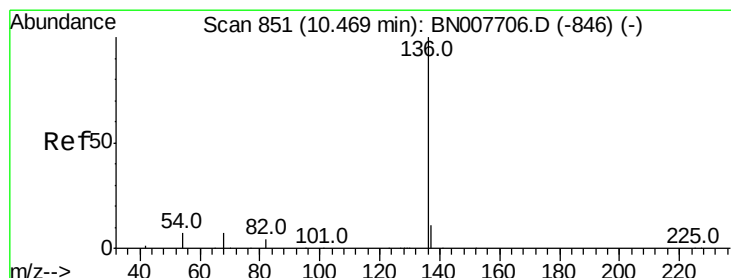
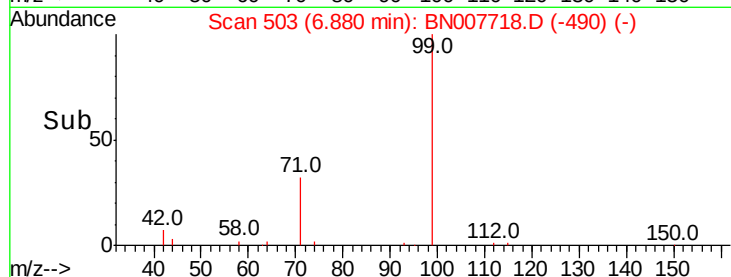
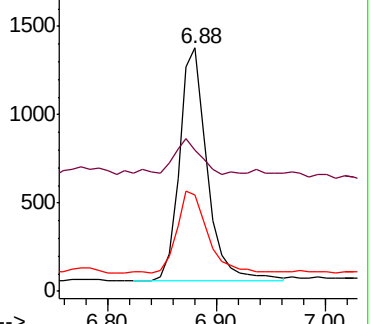
71 39.2 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007718.D

Acq: 18 Sep 2019 22:40

Tgt Ion: 136 Resp: 23596

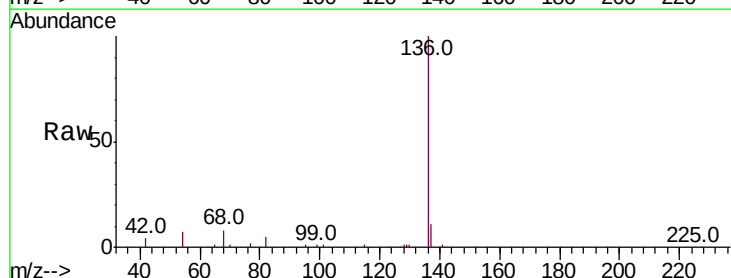
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.0 5.8 8.8

68 7.9 6.5 9.7

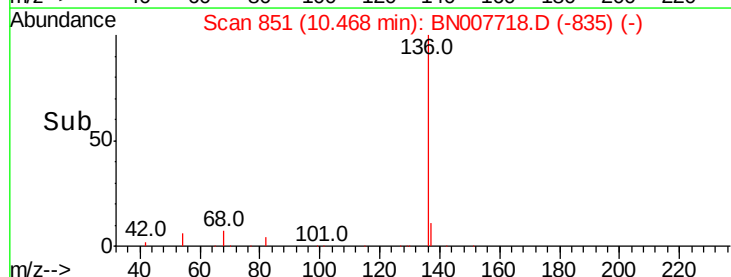
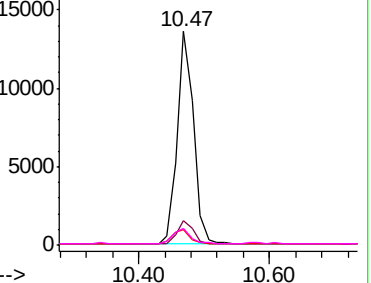


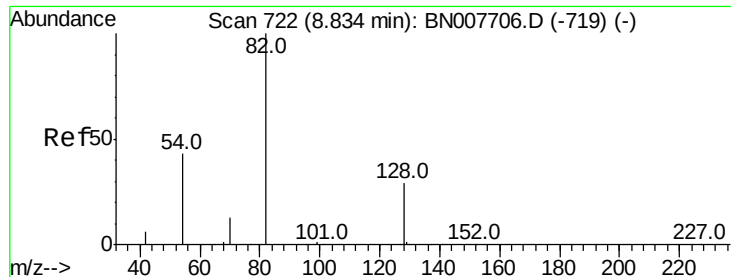
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)

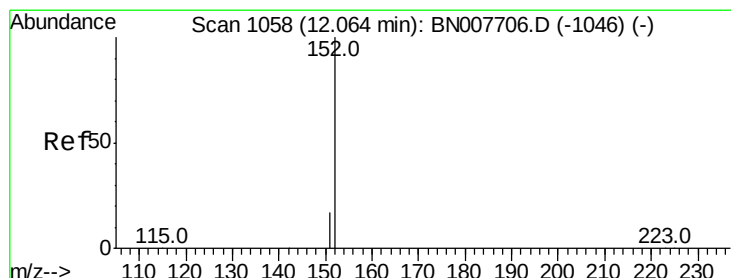
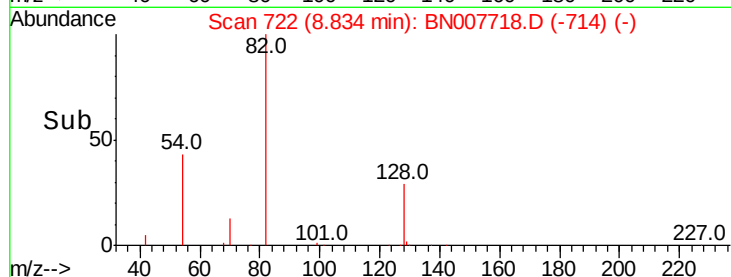
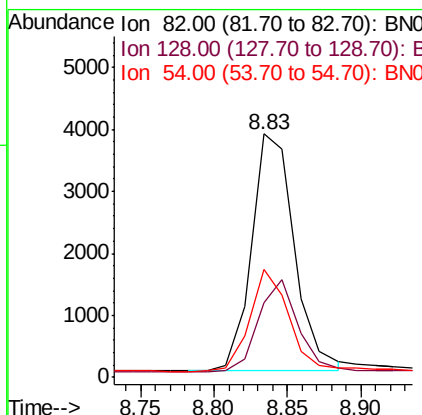
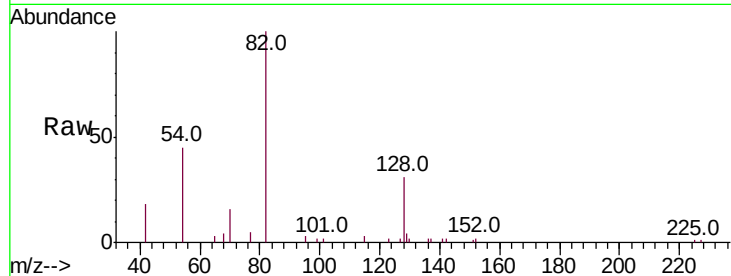




#8
 Nitrobenzene-d5
 Concen: 0.371 ng
 RT: 8.83 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BN007718.D
 Acq: 18 Sep 2019 22:40

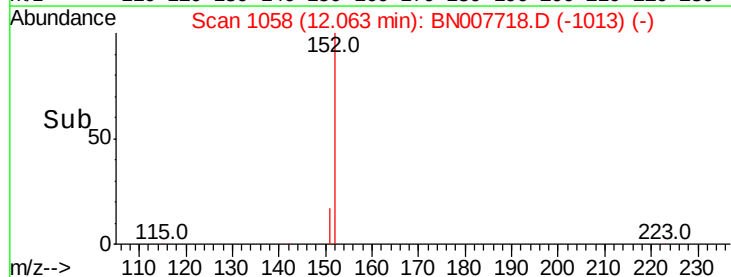
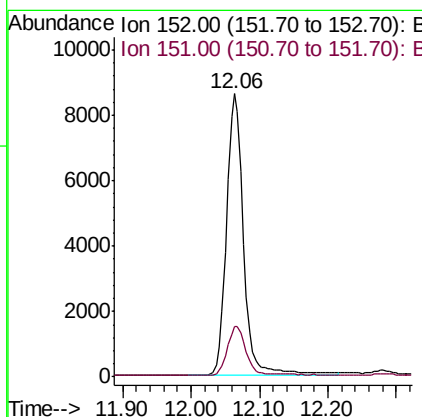
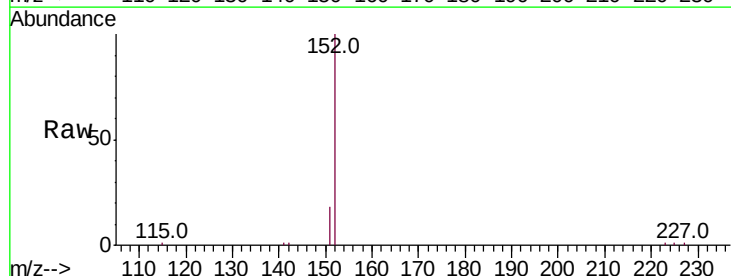
Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20190912

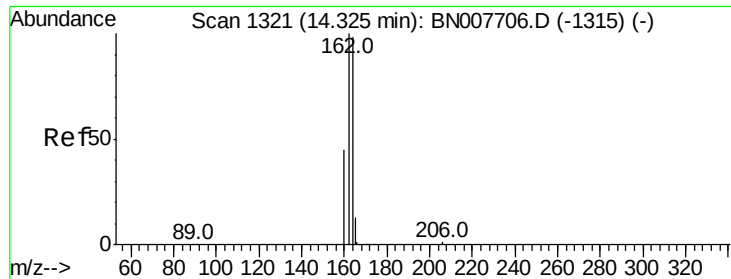
Tot Ion	82	Resp	7665
Ion Ratio	Lower	Upper	
82	100		
128	30.7	24.5	36.7
54	44.5	35.2	52.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.372 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BN007718.D
 Acq: 18 Sep 2019 22:40

Tgt Ion	152	Resp	14798
Ion Ratio	Lower	Upper	
152	100		
151	19.0	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: BN007718.D

Acq: 18 Sep 2019 22:40

Instrument :

BNA_N

ClientSampleId :

RE123D2-20190912

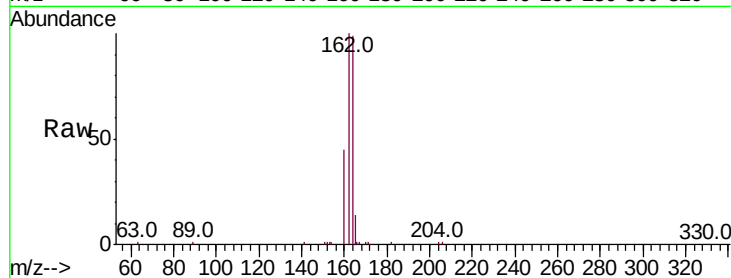
Tot Ion:164 Resp: 15226

Ion Ratio Lower Upper

164 100

162 100.7 81.7 122.5

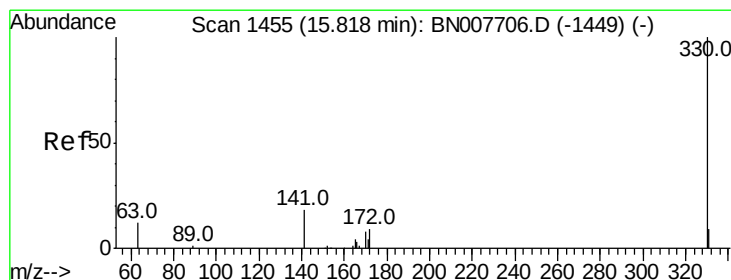
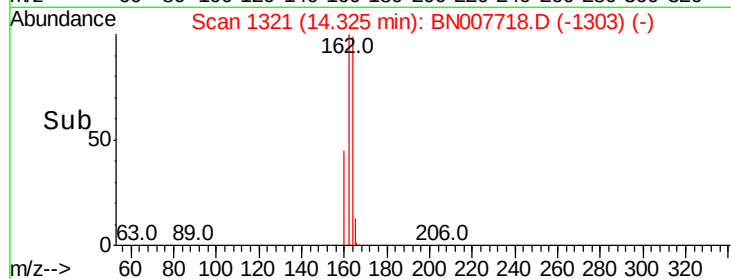
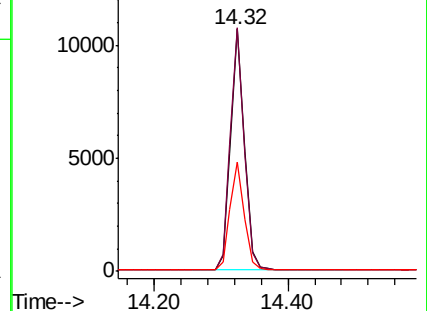
160 45.2 37.0 55.4



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



#14

2,4,6-Tribromophenol

Concen: 0.285 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007718.D

Acq: 18 Sep 2019 22:40

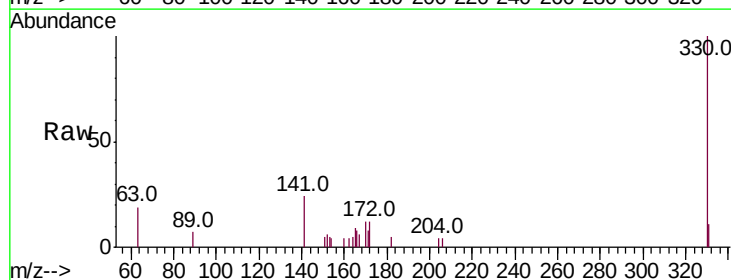
Tgt Ion:330 Resp: 2363

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

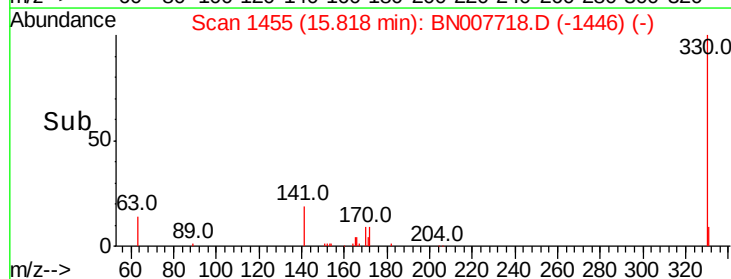
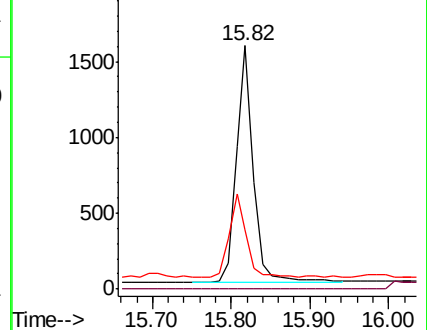
141 35.3 28.7 43.1

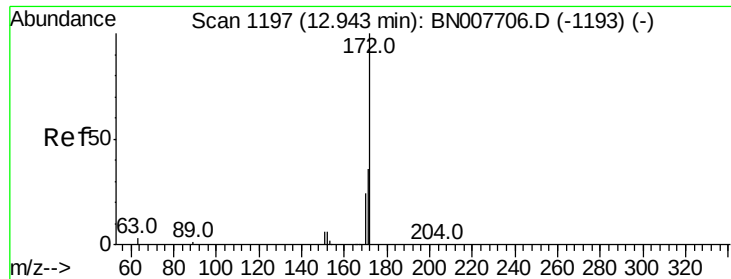


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

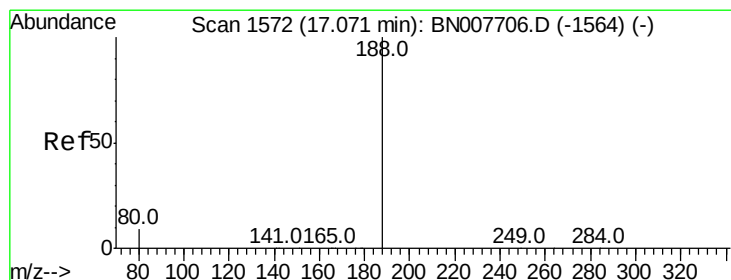
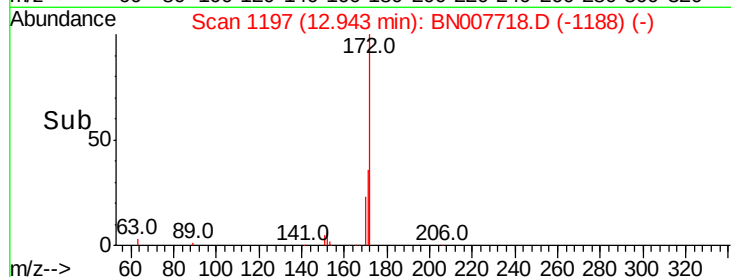
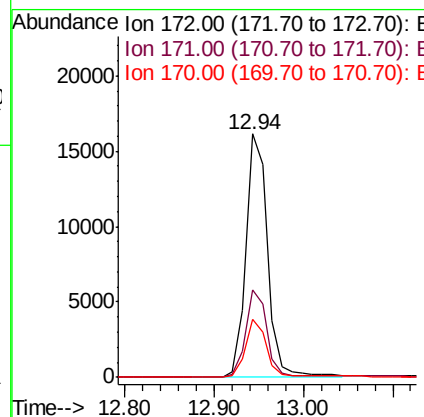
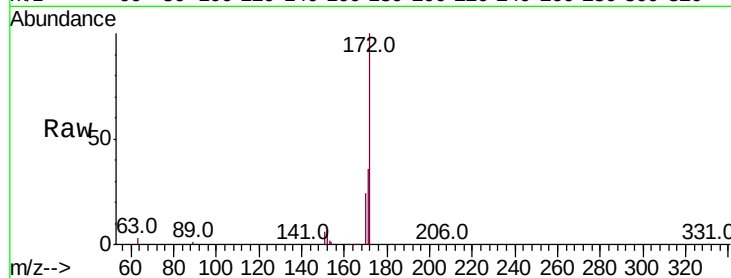




#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007718.D
Acq: 18 Sep 2019 22:40

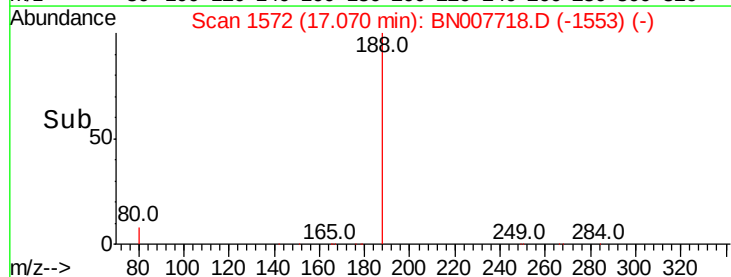
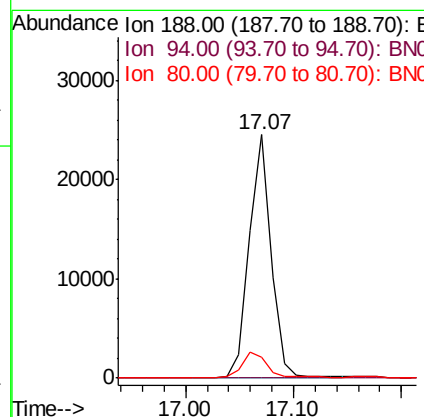
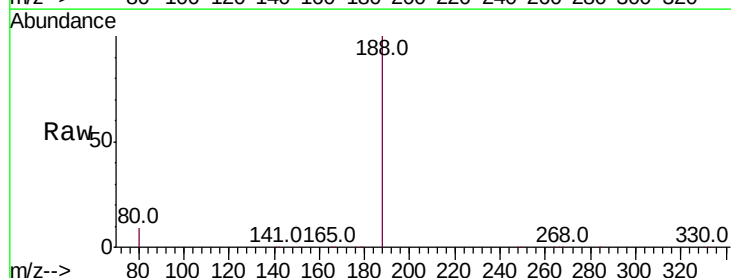
Instrument :
BNA_N
ClientSampleId :
RE123D2-20190912

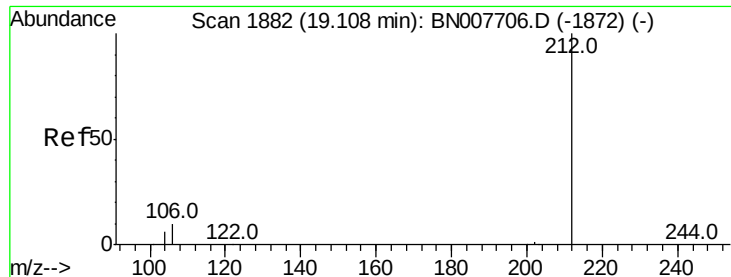
Tot Ion:172 Resp: 26927
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007718.D
Acq: 18 Sep 2019 22:40

Tgt Ion:188 Resp: 34228
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007718.D

Acq: 18 Sep 2019 22:40

Instrument :

BNA_N

ClientSampleId :

RE123D2-20190912

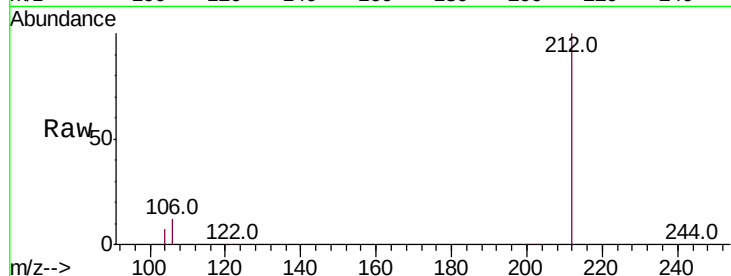
Tot Ion:212 Resp: 45139

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

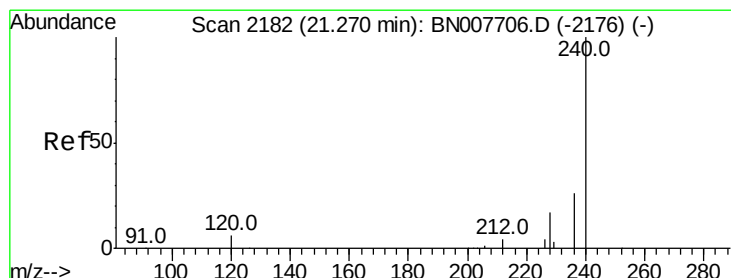
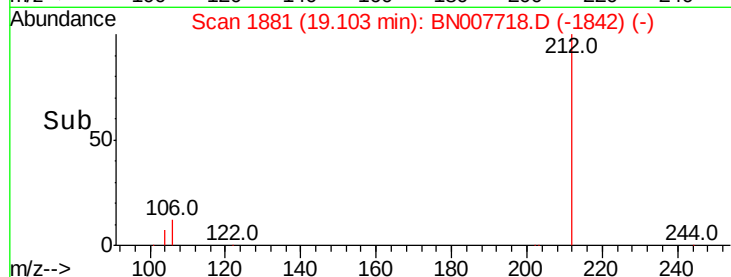
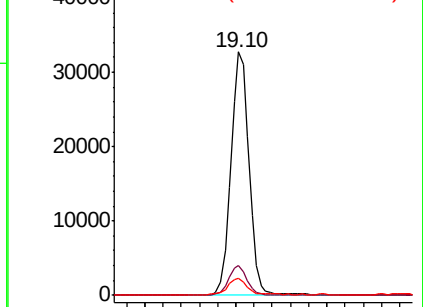
104 6.8 5.3 7.9



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007718.D

Acq: 18 Sep 2019 22:40

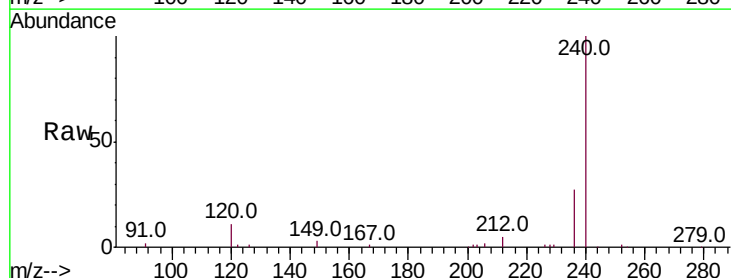
Tgt Ion:240 Resp: 37399

Ion Ratio Lower Upper

240 100

120 11.4 5.4 8.2#

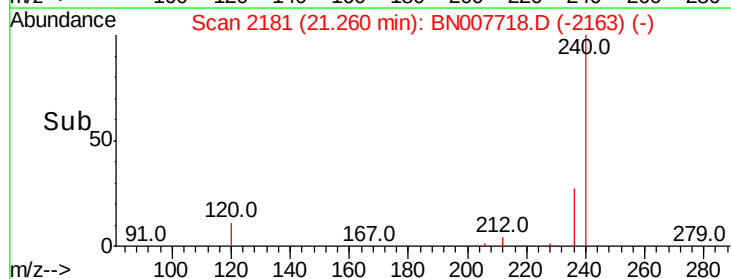
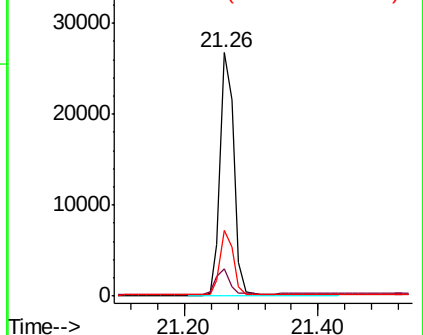
236 27.1 21.0 31.4

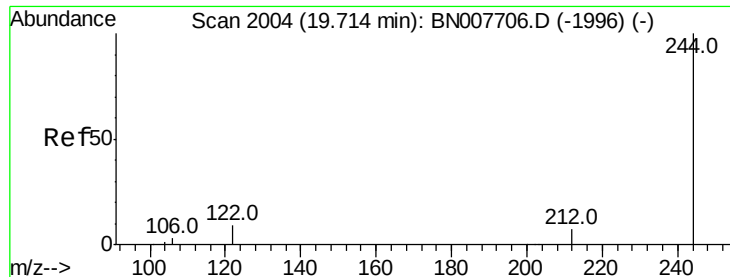


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.555 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN007718.D

Acq: 18 Sep 2019 22:40

Instrument :

BNA_N

ClientSampleId :

RE123D2-20190912

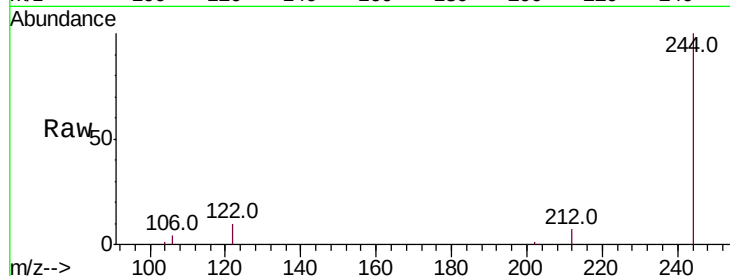
Tot Ion:244 Resp: 51023

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

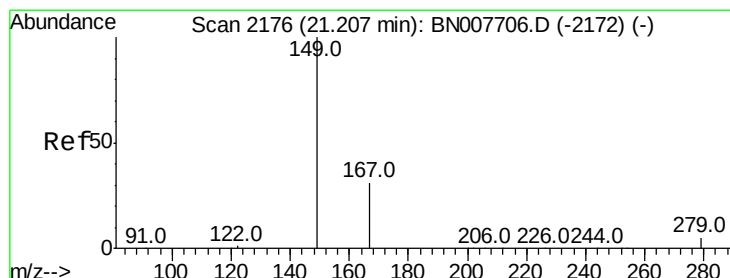
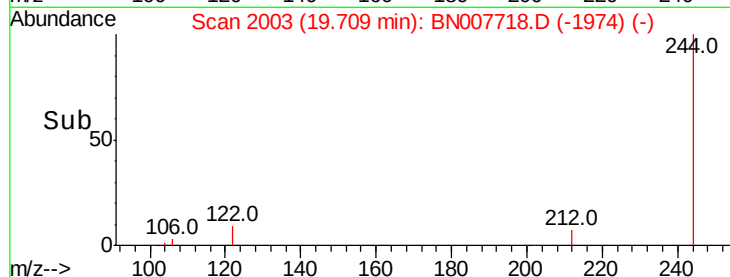
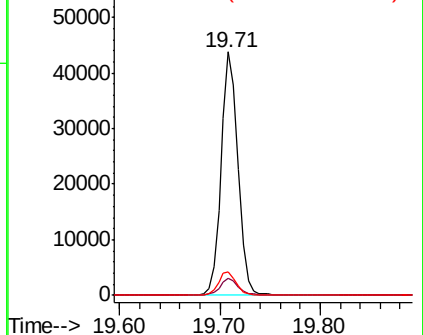
122 9.7 7.4 11.2



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: 0.032 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007718.D

Acq: 18 Sep 2019 22:40

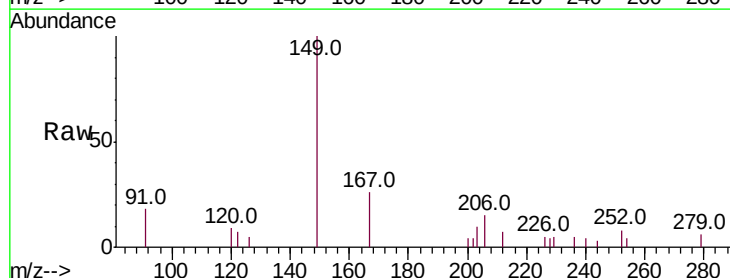
Tgt Ion:149 Resp: 2235

Ion Ratio Lower Upper

149 100

167 27.5 23.7 35.5

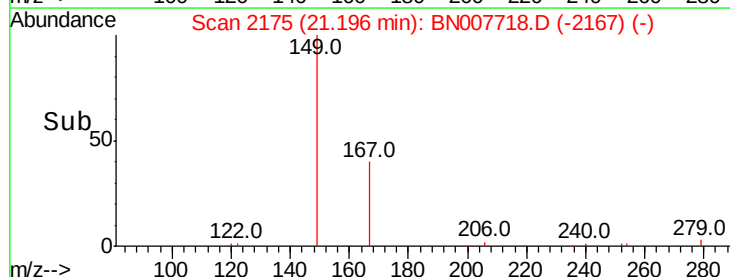
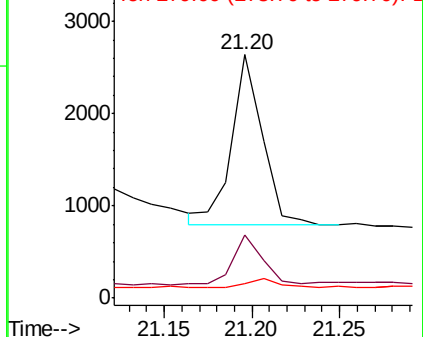
279 5.4 4.2 6.2

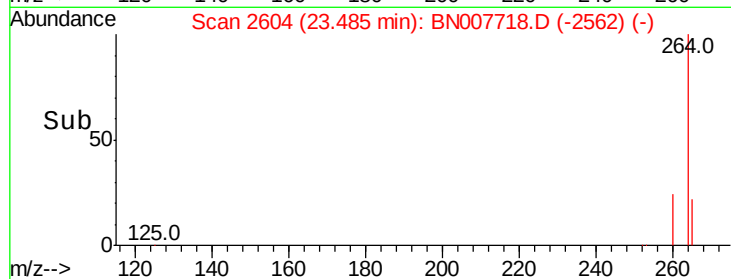
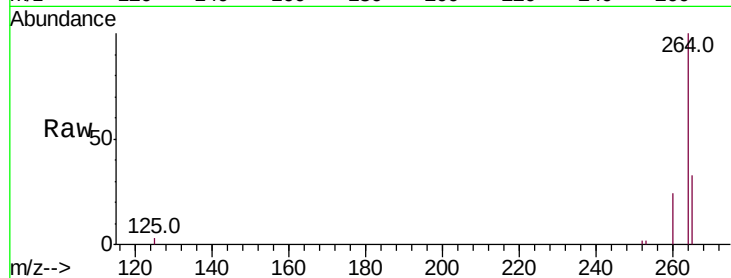
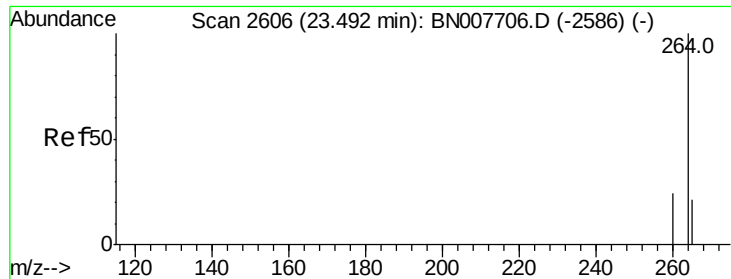


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.48 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BN007718.D
 Acq: 18 Sep 2019 22:40

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20190912

Tot Ion:264	Resp:	41282
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.3 28.9
265	33.0	26.9 40.3

