

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007096.D
 Acq On : 12 Aug 2019 14:06
 Operator : HP/JU
 Sample : K4144-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 13 04:14:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:44:50 2019
 Response via : Initial Calibration

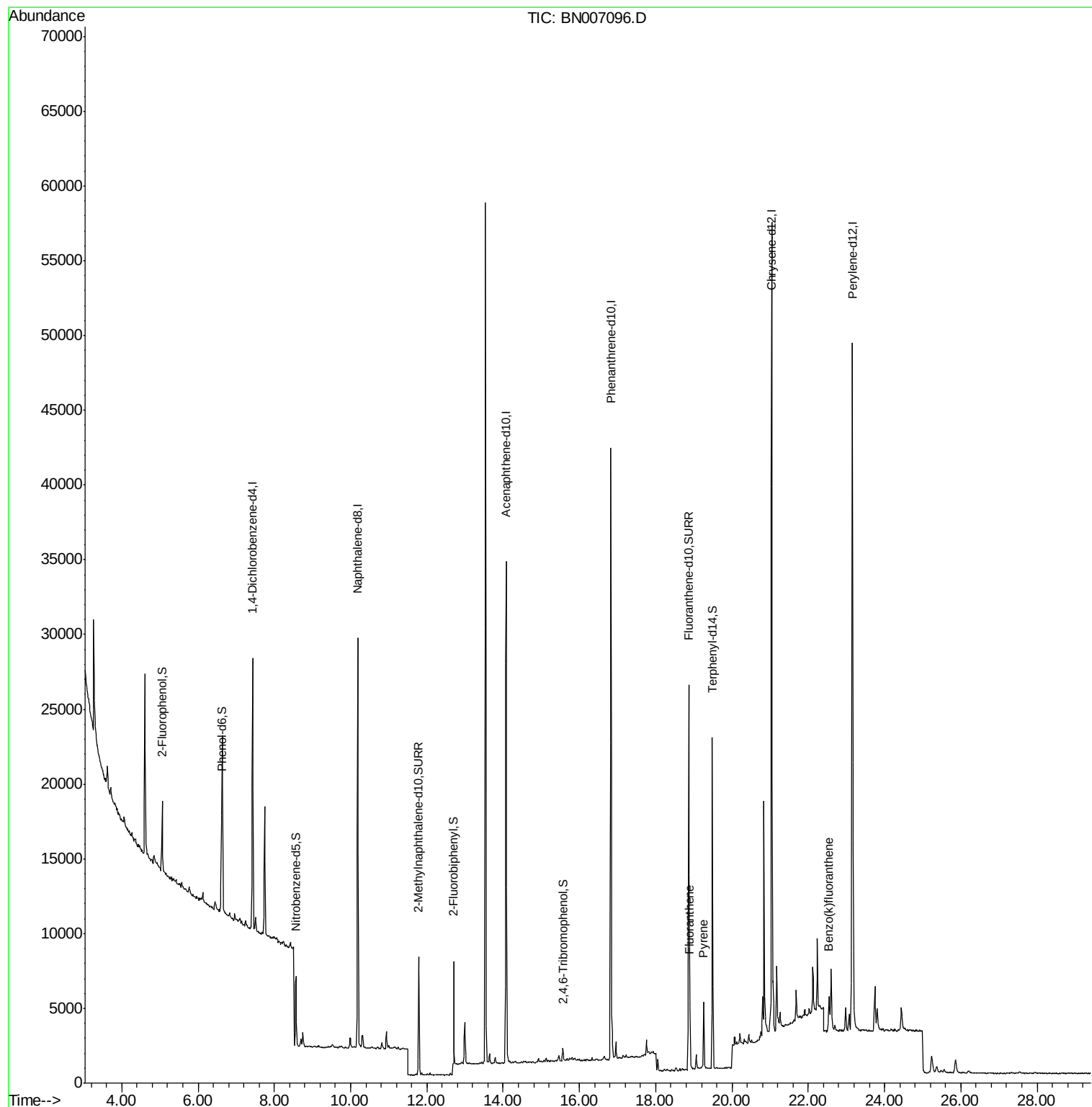
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9296	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	34872	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	19669	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	51445	0.40	ng	0.00
26) Chrysene-d12	21.05	240	50747	0.40	ng	-0.01
32) Perylene-d12	23.16	264	56905	0.40	ng	-0.01
System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	3769	0.17	ng	0.00
4) Phenol-d6	6.61	99	5228	0.19	ng	0.00
7) Nitrobenzene-d5	8.56	82	4122	0.15	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	10801	0.17	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	661	0.06	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	3277	0.11	ng	0.00
24) Fluoranthene-d10	18.87	212	30319	0.17	ng	0.00
28) Terphenyl-d14	19.49	244	23076	0.17	ng	-0.01
Target Compounds						Qvalue
25) Fluoranthene	18.90	202	4235	0.021	ng	98
27) Pyrene	19.26	202	3973	0.022	ng	97
34) Benzo(k)fluoranthene	22.54	252	3893	0.020	ng	# 63

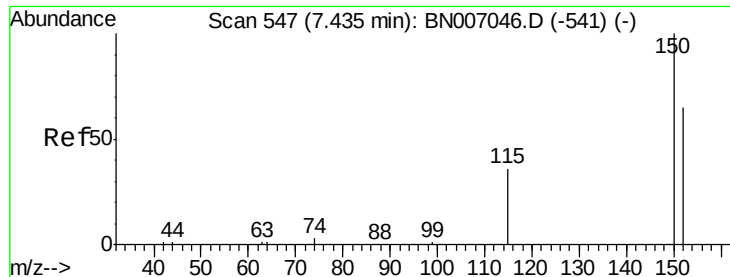
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007096.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_N
ClientSampleId :

Quant Time: Aug 13 04:14:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



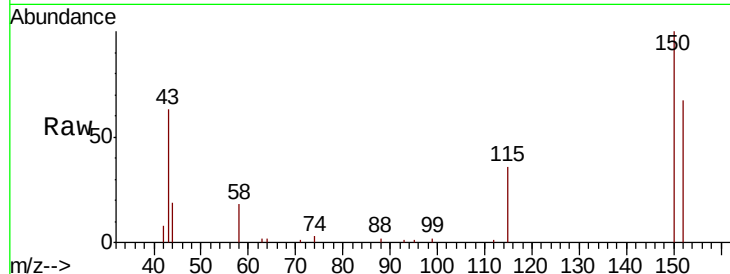


#1

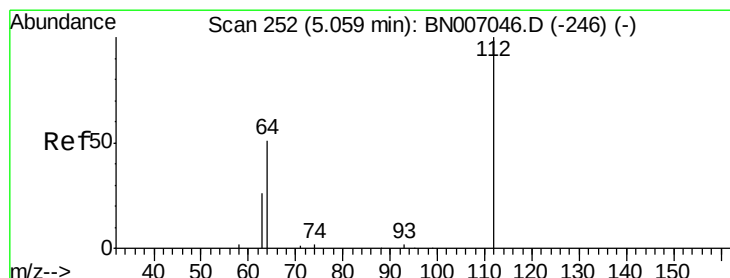
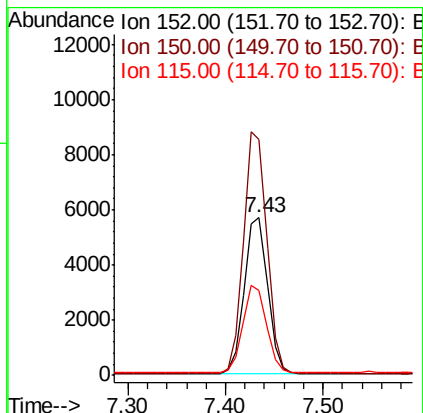
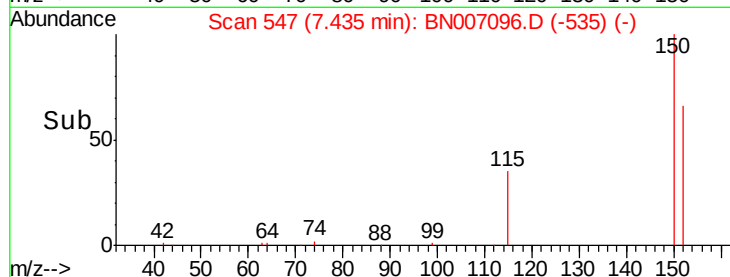
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007096.D
Acq: 12 Aug 2019 14:06

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 9296
Ion Ratio Lower Upper
152 100
150 150.1 121.7 182.5
115 54.1 46.2 69.4



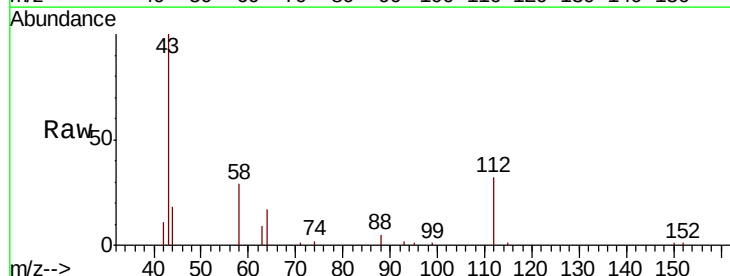
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



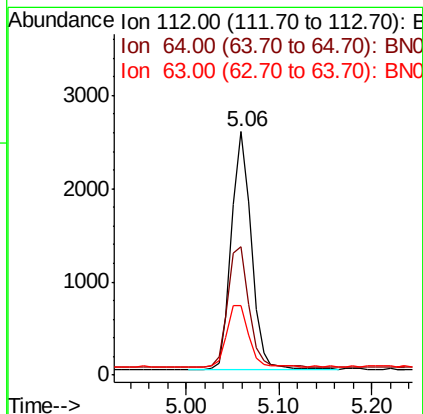
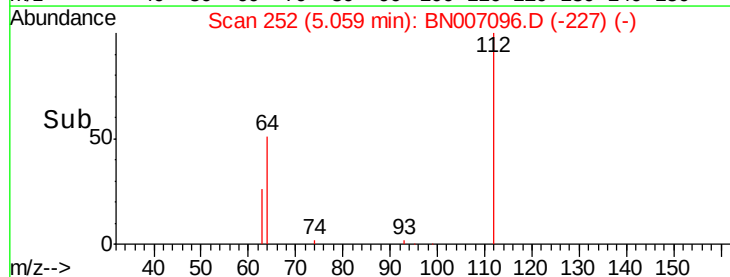
#3

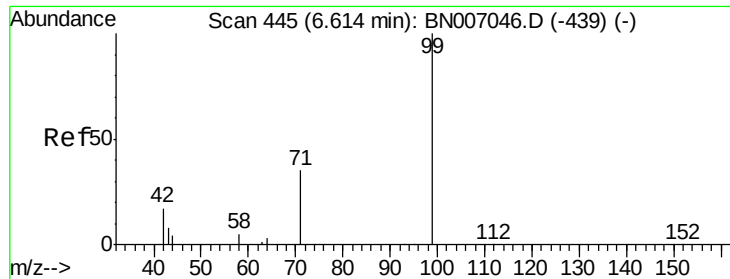
2-Fluorophenol
Concen: 0.169 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007096.D
Acq: 12 Aug 2019 14:06

Tgt Ion:112 Resp: 3769
Ion Ratio Lower Upper
112 100
64 54.4 42.6 63.8
63 28.4 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#4

Phenol-d6

Concen: 0.189 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007096.D

Acq: 12 Aug 2019 14:06

Instrument :

BNA_N

ClientSampleId :

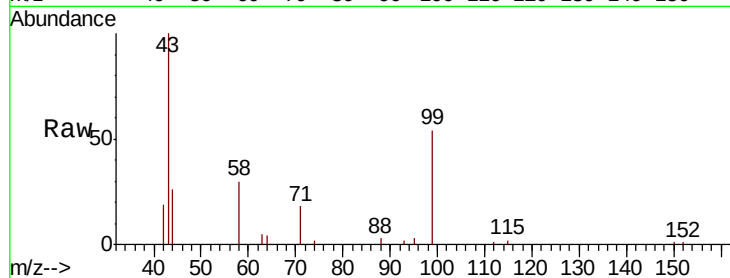
Tot Ion: 99 Resp: 5228

Ion Ratio Lower Upper

99 100

42 33.7 15.8 23.6#

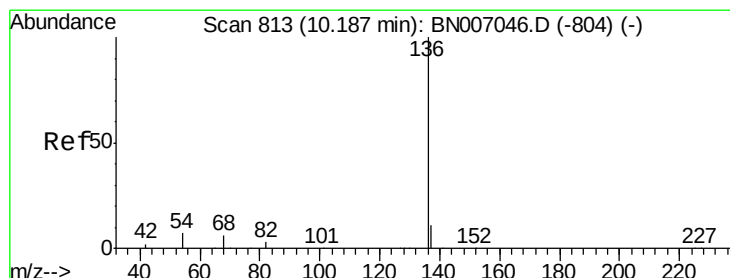
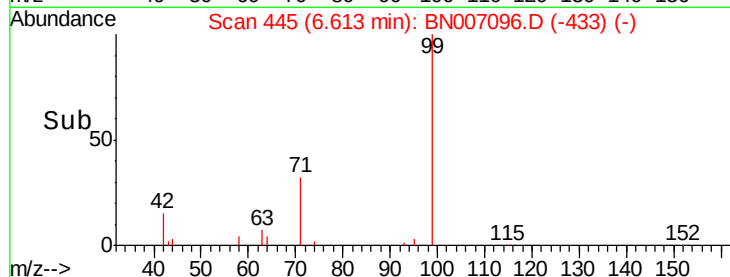
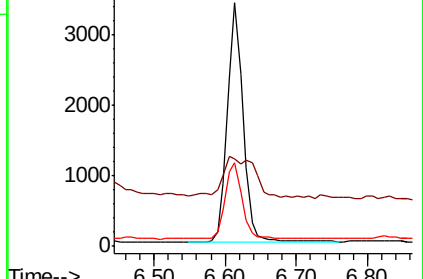
71 35.1 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BN007046.D (-439) (-)

Ion 42.00 (41.70 to 42.70): BN007046.D (-439) (-)

Ion 71.00 (70.70 to 71.70): BN007046.D (-439) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007096.D

Acq: 12 Aug 2019 14:06

Tgt Ion: 136 Resp: 34872

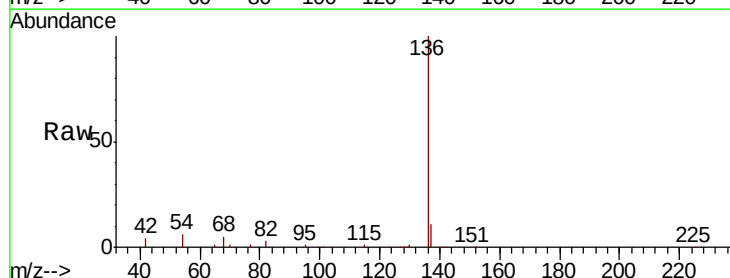
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 5.6 6.6 9.8#

68 5.1 6.0 9.0#

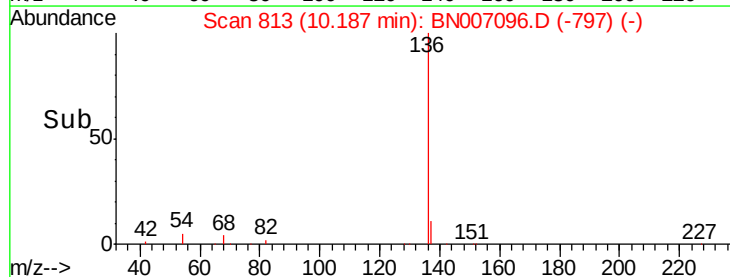
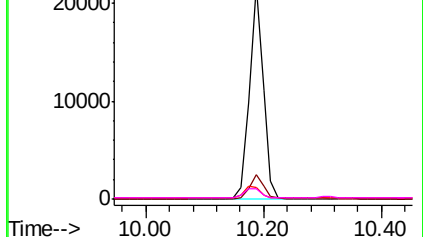


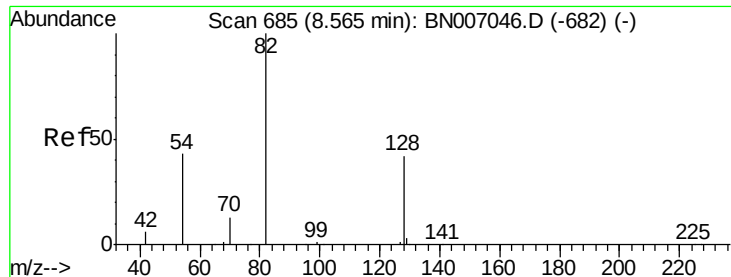
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

Ion 137.00 (136.70 to 137.70): BN007046.D (-804) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-804) (-)

Ion 68.00 (67.70 to 68.70): BN007046.D (-804) (-)





#7

Nitrobenzene-d5

Concen: 0.147 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007096.D

Acq: 12 Aug 2019 14:06

Instrument :

BNA_N

ClientSampleId :

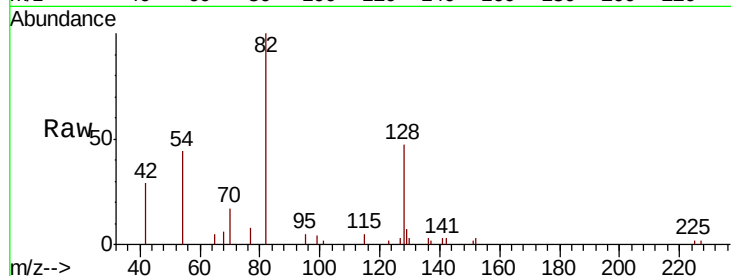
Tot Ion: 82 Resp: 4122

Ion Ratio Lower Upper

82 100

128 47.4 34.6 51.8

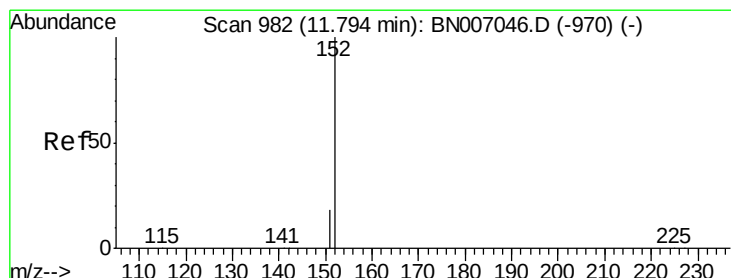
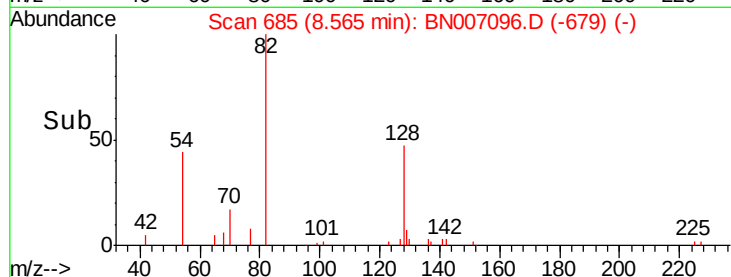
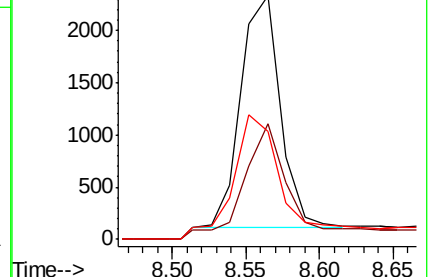
54 44.2 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

Ion 128.00 (127.70 to 128.70): BN007046.D (-682) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-682) (-)



#10

2-Methylnaphthalene-d10

Concen: 0.166 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007096.D

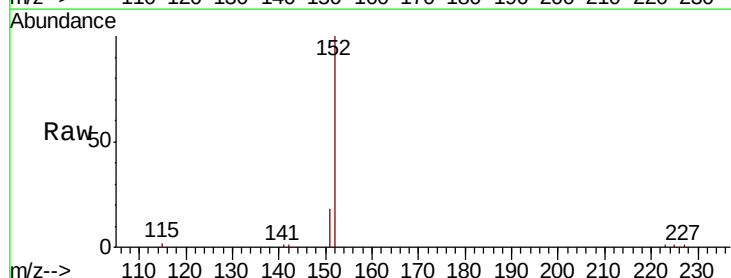
Acq: 12 Aug 2019 14:06

Tgt Ion: 152 Resp: 10801

Ion Ratio Lower Upper

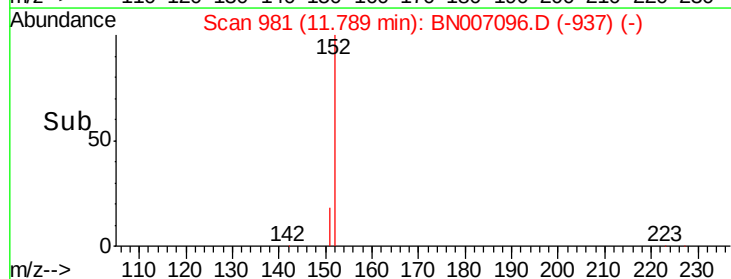
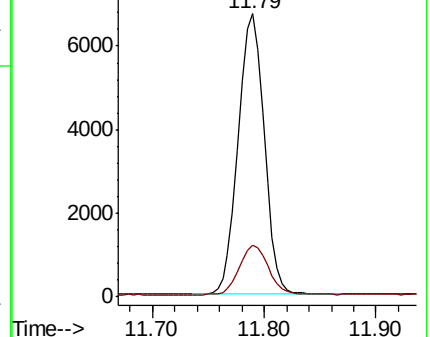
152 100

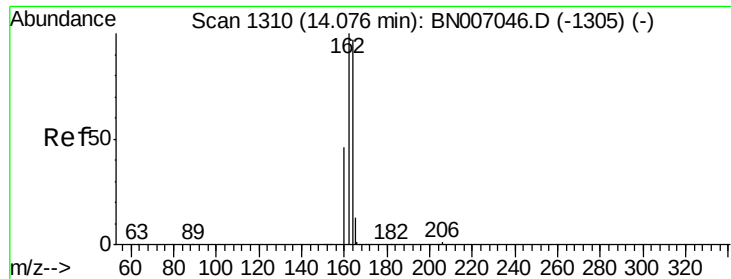
151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BN007046.D (-970) (-)

Ion 151.00 (150.70 to 151.70): BN007046.D (-970) (-)

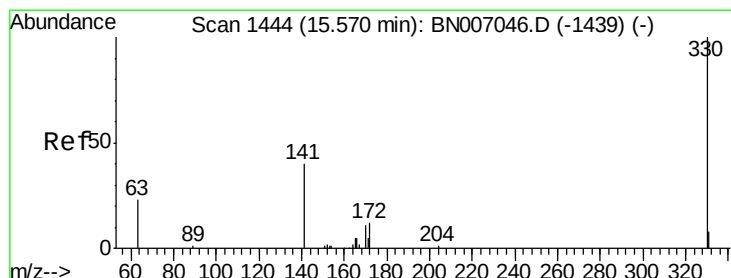
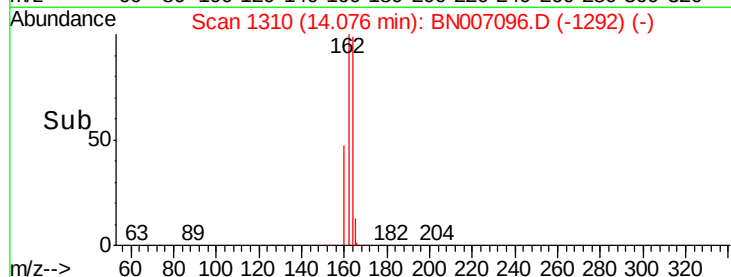
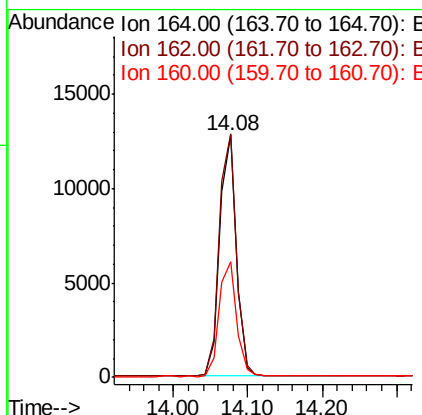
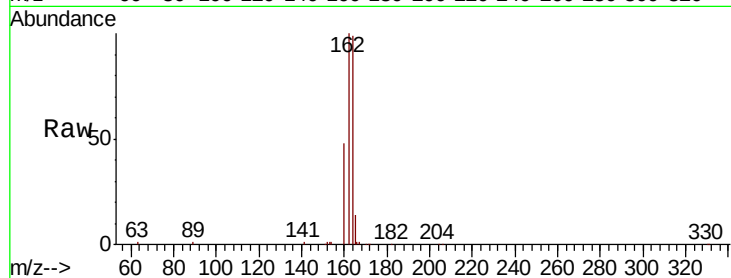




#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007096.D
Acq: 12 Aug 2019 14:06

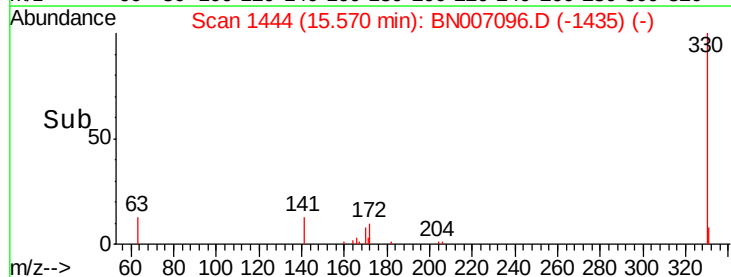
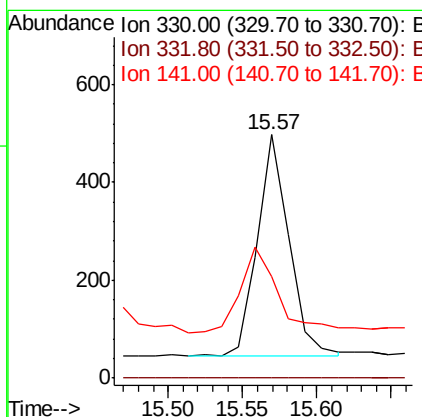
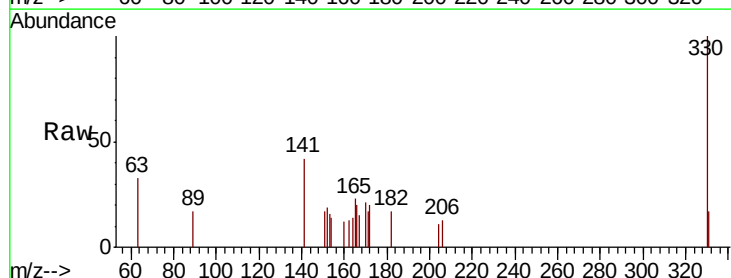
Instrument :
BNA_N
ClientSampleId :

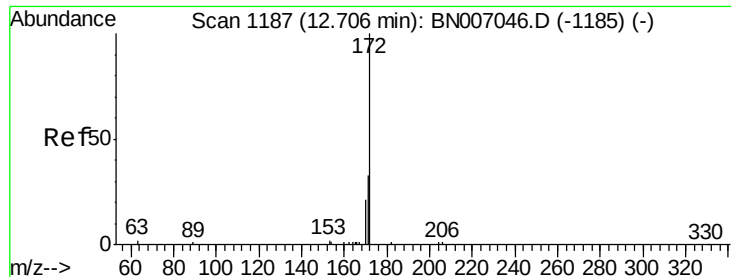
Tot Ion:164 Resp: 19669
Ion Ratio Lower Upper
164 100
162 100.6 82.2 123.4
160 47.8 38.3 57.5



#13
2,4,6-Tribromophenol
Concen: 0.062 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007096.D
Acq: 12 Aug 2019 14:06

Tgt Ion:330 Resp: 661
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.3 33.6 50.4

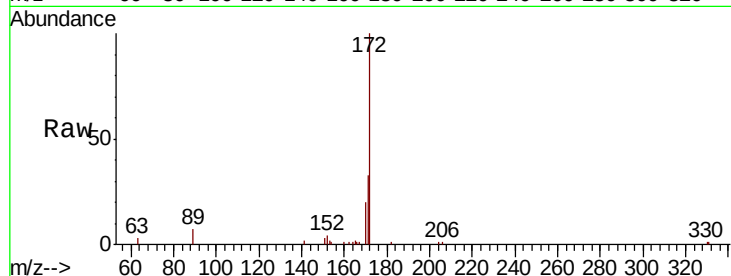




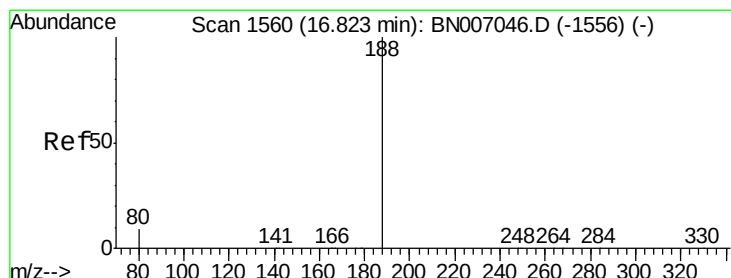
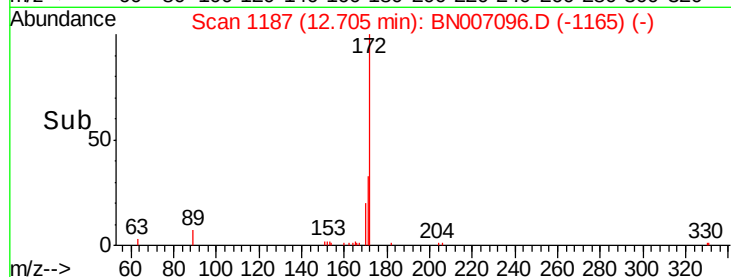
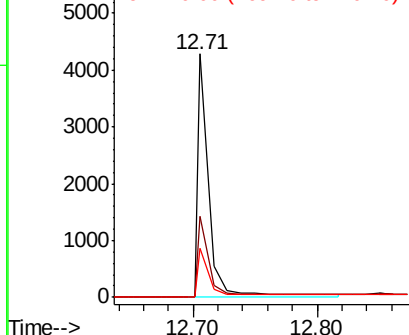
#14
2-Fluorobiphenyl
Concen: 0.115 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007096.D
Acq: 12 Aug 2019 14:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 3277
Ion Ratio Lower Upper
172 100
171 33.2 26.3 39.5
170 20.4 17.0 25.4

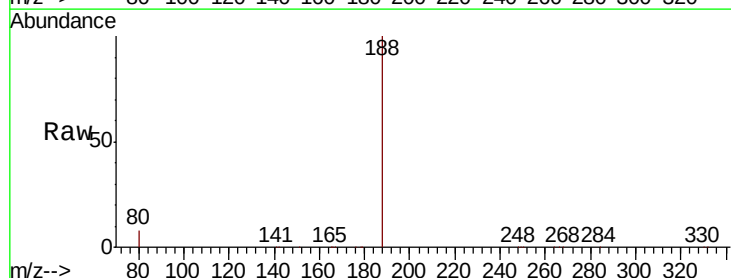


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

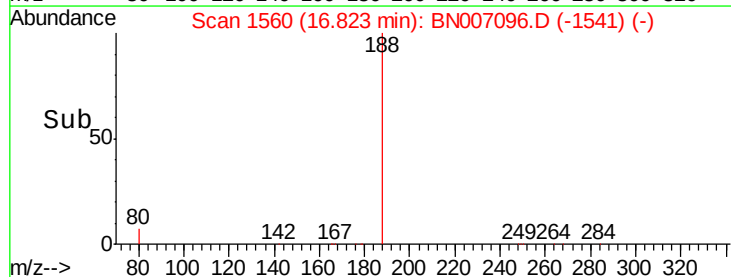
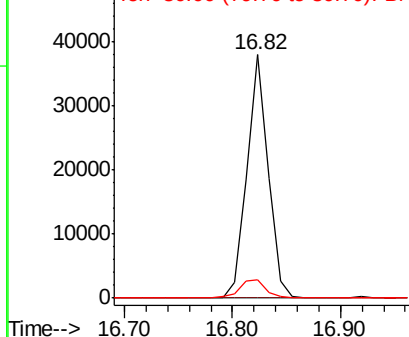


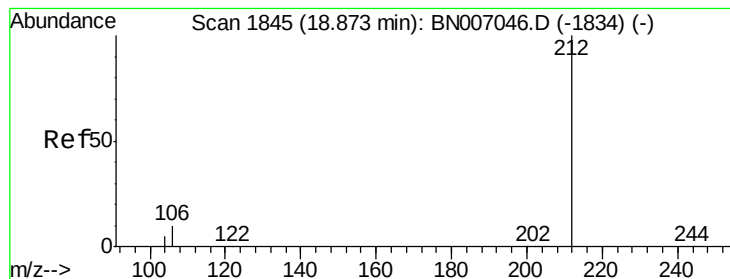
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007096.D
Acq: 12 Aug 2019 14:06

Tgt Ion:188 Resp: 51445
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 7.8 11.6#



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





#24

Fluoranthene-d10

Concen: 0.166 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007096.D

Acq: 12 Aug 2019 14:06

Instrument :

BNA_N

ClientSampleId :

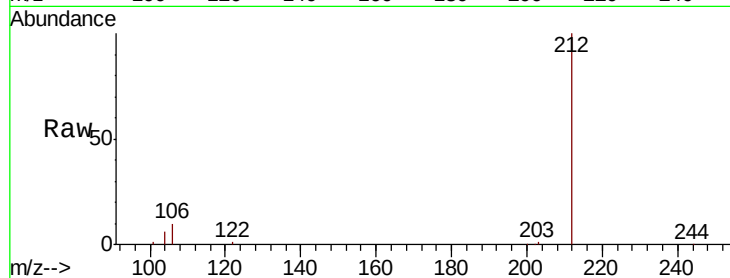
Tot Ion:212 Resp: 30319

Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.2

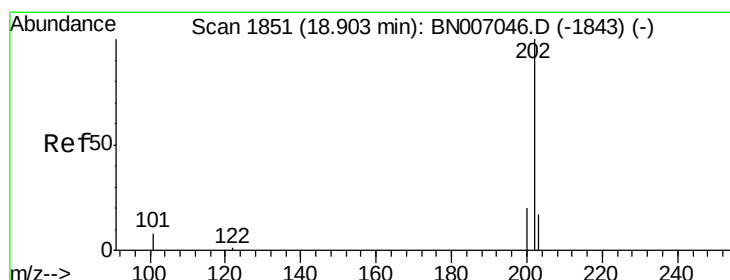
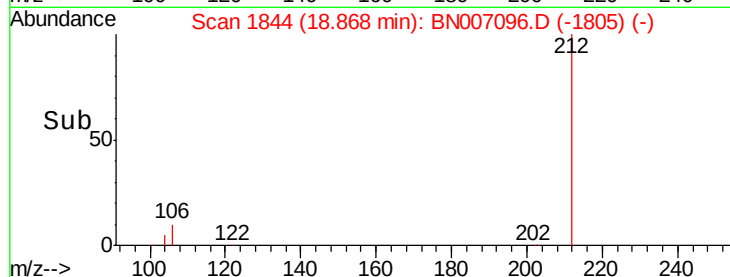
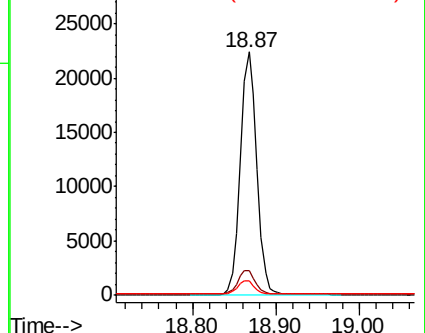
104 5.6 4.5 6.7



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



#25

Fluoranthene

Concen: 0.021 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007096.D

Acq: 12 Aug 2019 14:06

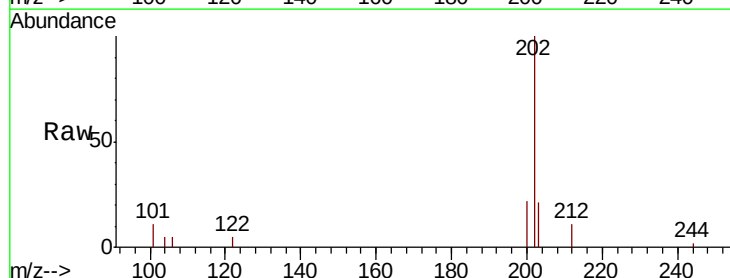
Tgt Ion:202 Resp: 4235

Ion Ratio Lower Upper

202 100

101 9.4 7.0 10.4

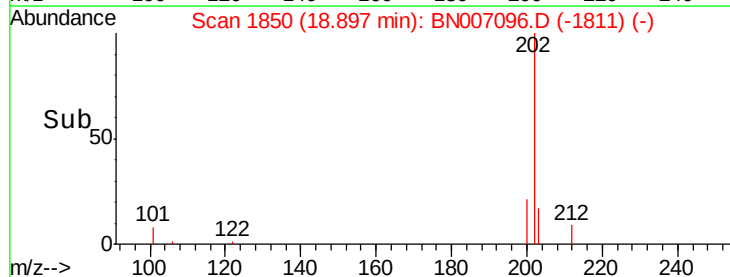
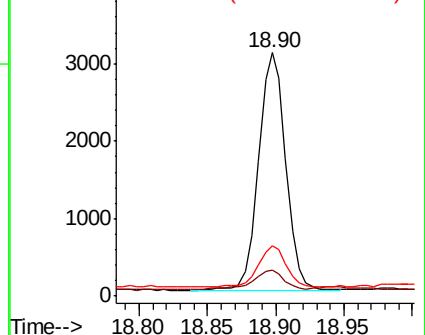
203 18.1 13.8 20.8

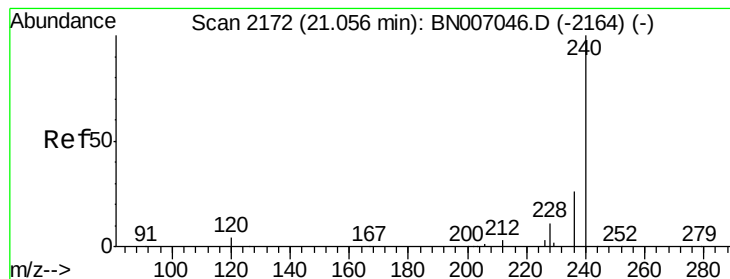


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007096.D

Acq: 12 Aug 2019 14:06

Instrument :

BNA_N

ClientSampled :

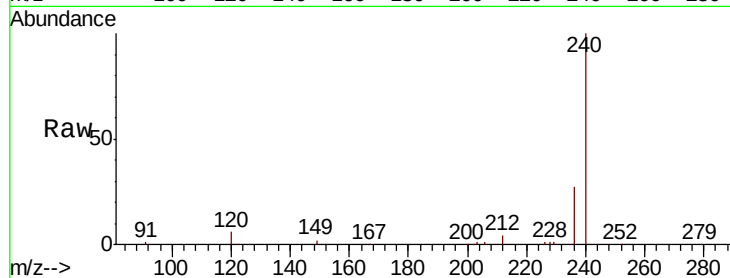
Tot Ion:240 Resp: 50747

Ion Ratio Lower Upper

240 100

120 5.6 4.0 6.0

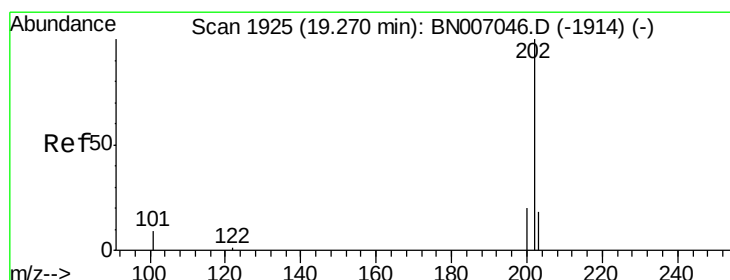
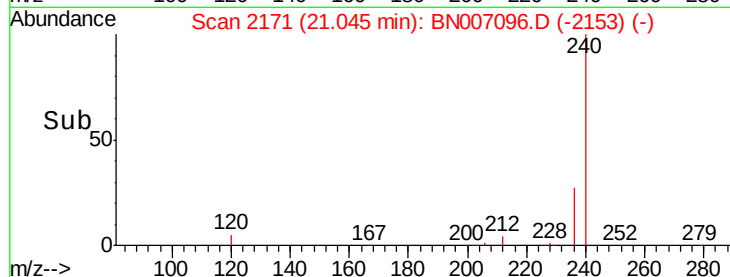
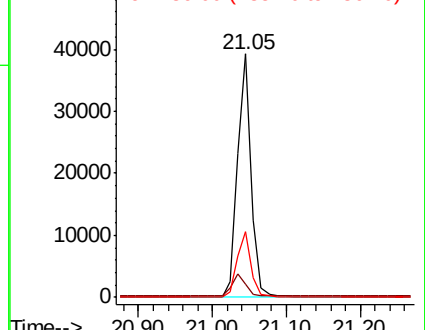
236 26.7 21.3 31.9



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



#27

Pyrene

Concen: 0.022 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN007096.D

Acq: 12 Aug 2019 14:06

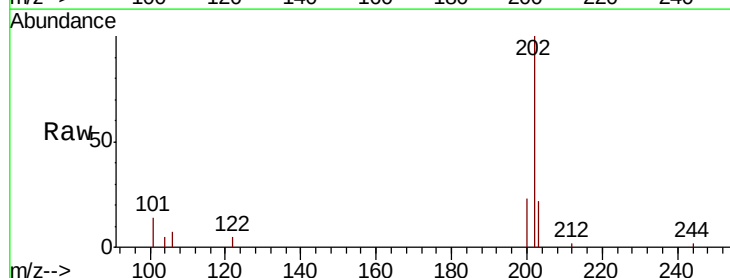
Tgt Ion:202 Resp: 3973

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

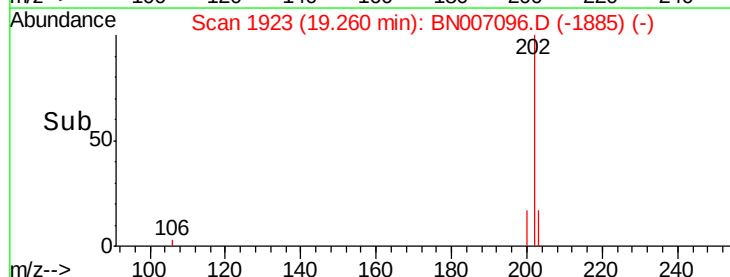
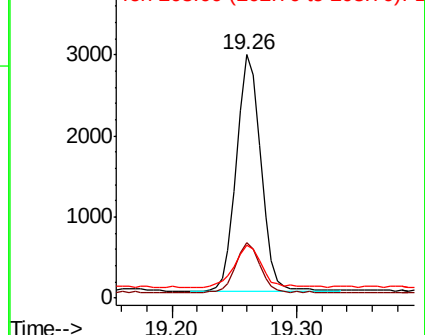
203 19.9 14.0 21.0

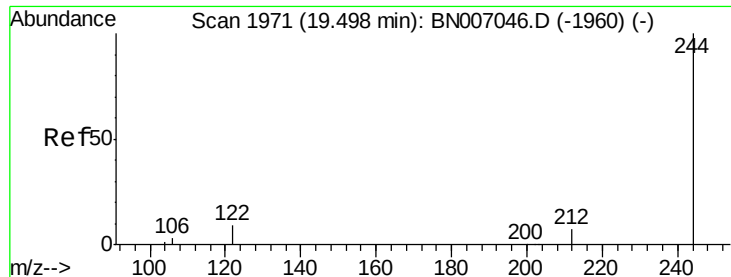


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#28

Terphenyl-d14

Concen: 0.167 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BN007096.D

Acq: 12 Aug 2019 14:06

Instrument :

BNA_N

ClientSampled :

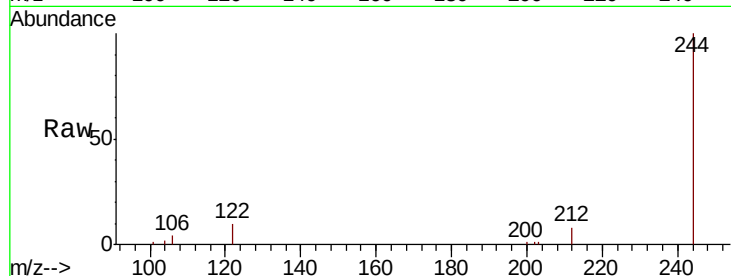
Tot Ion:244 Resp: 23076

Ion Ratio Lower Upper

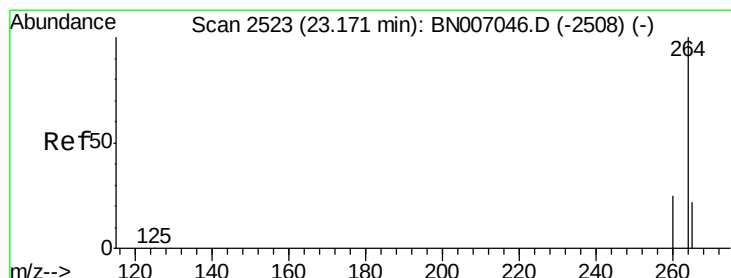
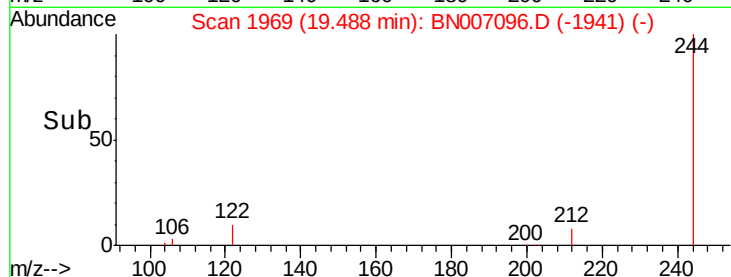
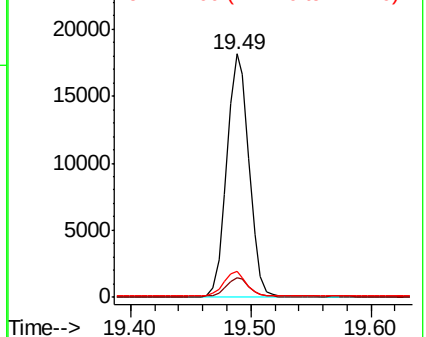
244 100

212 8.2 6.2 9.2

122 10.5 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

Perylene-d12

Concen: 0.400 ng

RT: 23.16 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN007096.D

Acq: 12 Aug 2019 14:06

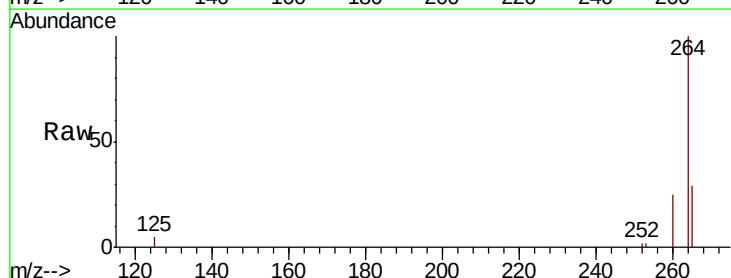
Tgt Ion:264 Resp: 56905

Ion Ratio Lower Upper

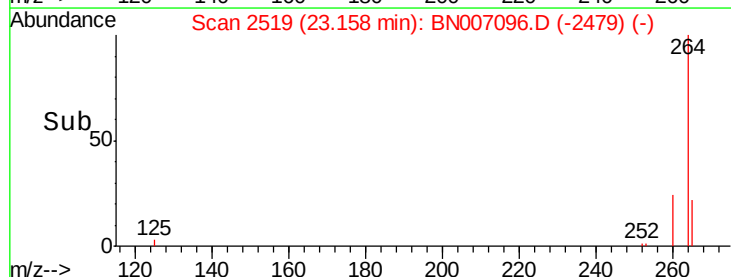
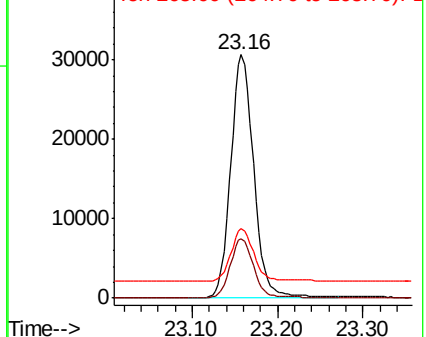
264 100

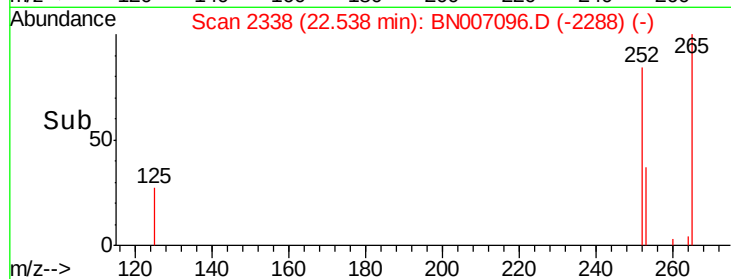
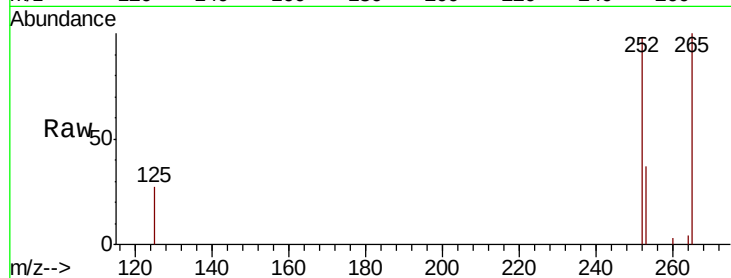
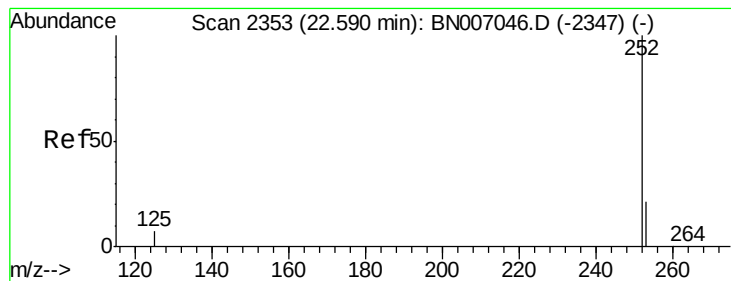
260 24.6 19.8 29.8

265 28.5 26.2 39.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#34

Benzo(k)fluoranthene

Concen: 0.020 ng

RT: 22.54 min Scan# 2338

Delta R.T. -0.05 min

Lab File: BN007096.D

Acq: 12 Aug 2019 14:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 252 Resp: 3893

Ion Ratio Lower Upper

252 100

253 37.9 18.1 27.1#

125 27.5 7.4 11.0#

