

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007305.D
 Acq On : 22 Aug 2019 00:11
 Operator : HP/JU
 Sample : PB122438BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122438BL

Quant Time: Aug 22 07:46:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 18:52:43 2019
 Response via : Initial Calibration

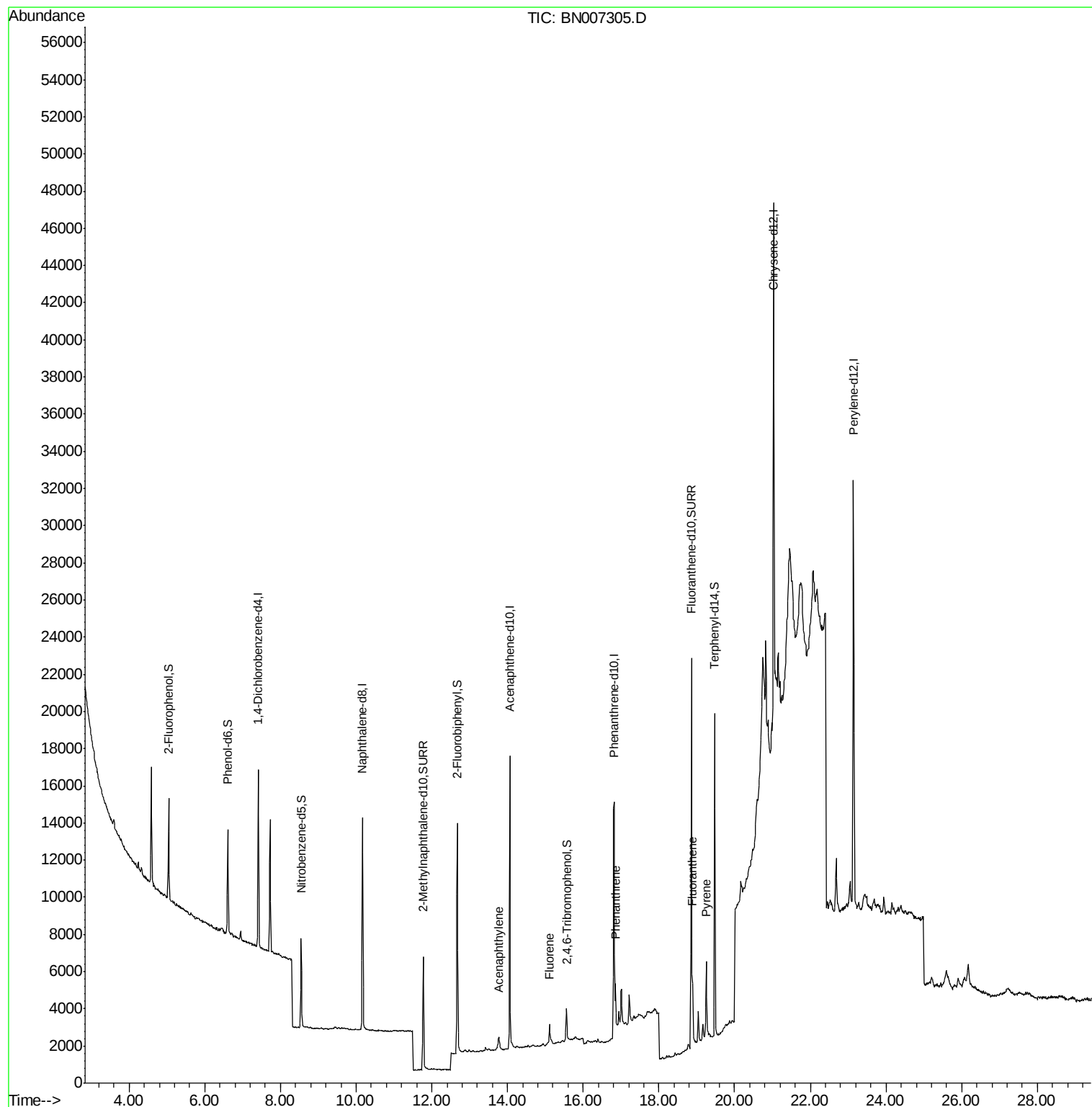
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4558	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	16640	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	9076	0.40	ng	0.00
19) Phenanthrene-d10	16.82	188	21674	0.40	ng	0.00
27) Chrysene-d12	21.03	240	25186	0.40	ng	0.00
34) Perylene-d12	23.14	264	27124	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	4376	0.32	ng	0.00
5) Phenol-d6	6.61	99	5384	0.33	ng	0.00
8) Nitrobenzene-d5	8.54	82	3955	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	8953	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1641	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	11621	0.30	ng	0.00
25) Fluoranthene-d10	18.85	212	24257	0.35	ng	0.00
29) Terphenyl-d14	19.48	244	18782	0.30	ng	0.00
Target Compounds						Qvalue
16) Acenaphthylene	13.77	152	2041	0.042	ng	94
18) Fluorene	15.12	166	1450	0.036	ng	94
23) Phenanthrene	16.85	178	3424	0.050	ng	97
26) Fluoranthene	18.88	202	6039	0.073	ng	100
28) Pyrene	19.25	202	4846	0.051	ng	# 93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007305.D
Acq On : 22 Aug 2019 00:11
Operator : HP/JU
Sample : PB122438BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122438BL

Quant Time: Aug 22 07:46:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration



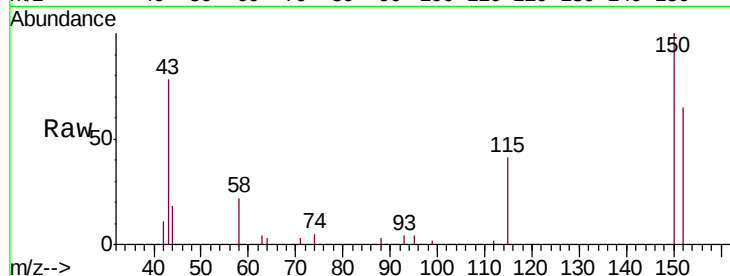


#1

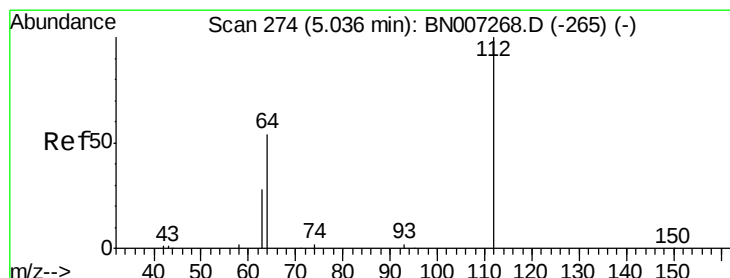
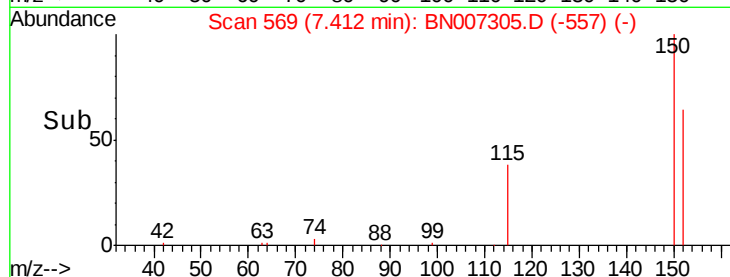
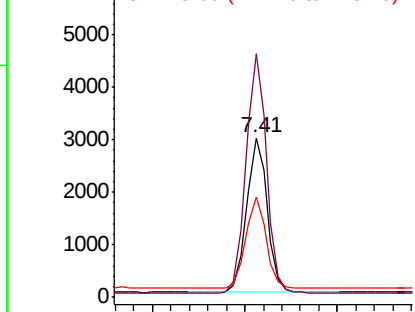
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007305.D
Acq: 22 Aug 2019 00:11

Instrument :
BNA_N
ClientSampleId :
PB122438BL

Tot Ion:152 Resp: 4558
Ion Ratio Lower Upper
152 100
150 152.7 123.8 185.8
115 62.5 47.3 70.9



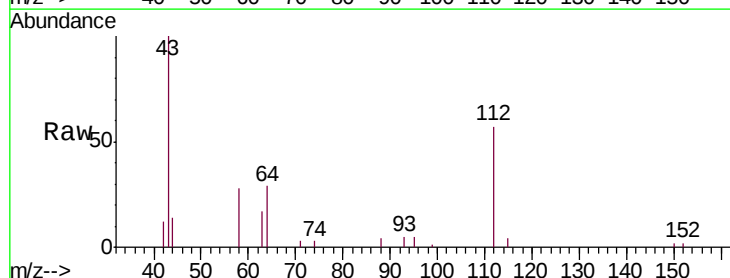
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



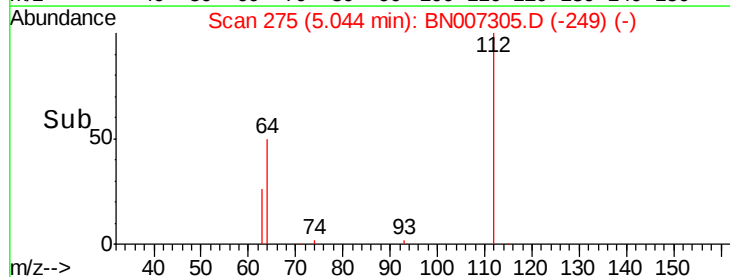
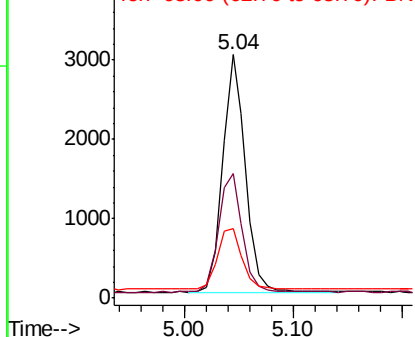
#4

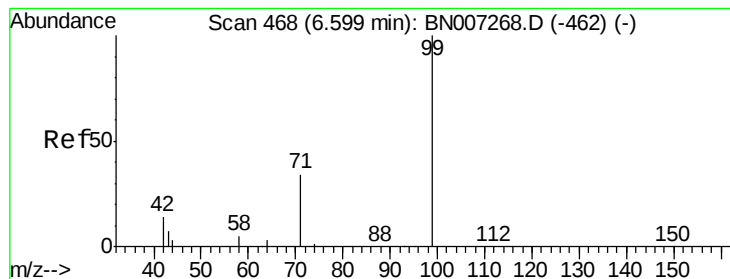
2-Fluorophenol
Concen: 0.315 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007305.D
Acq: 22 Aug 2019 00:11

Tgt Ion:112 Resp: 4376
Ion Ratio Lower Upper
112 100
64 53.2 41.8 62.8
63 27.9 22.6 34.0



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





#5

Phenol-d6

Concen: 0.334 ng

RT: 6.61 min Scan# 469

Delta R.T. 0.01 min

Lab File: BN007305.D

Acq: 22 Aug 2019 00:11

Instrument :

BNA_N

ClientSampleId :

PB122438BL

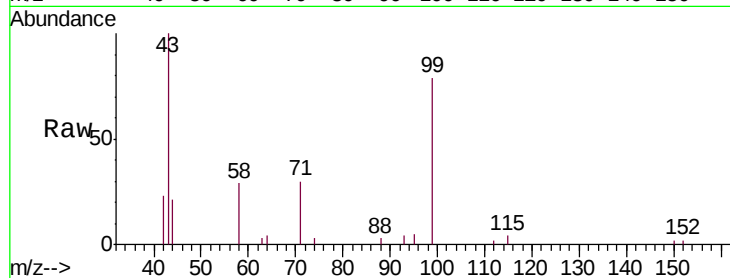
Tot Ion: 99 Resp: 5384

Ion Ratio Lower Upper

99 100

42 17.6 14.3 21.5

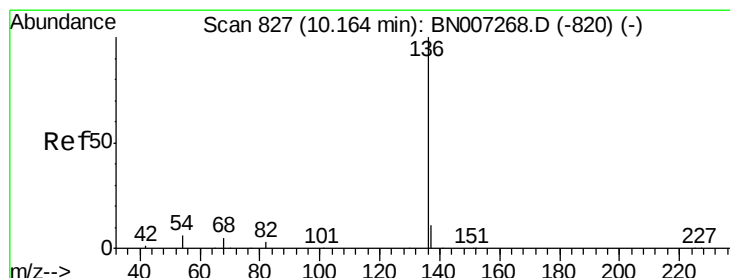
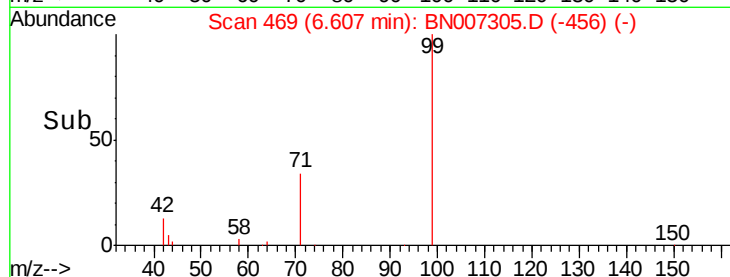
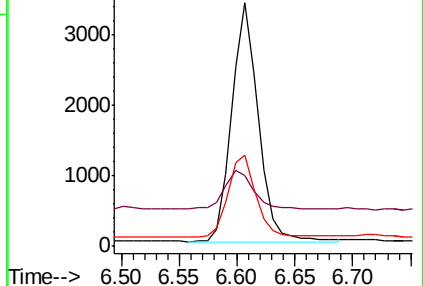
71 35.4 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007268.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007268.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007268.D (-462) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007305.D

Acq: 22 Aug 2019 00:11

Tgt Ion: 136 Resp: 16640

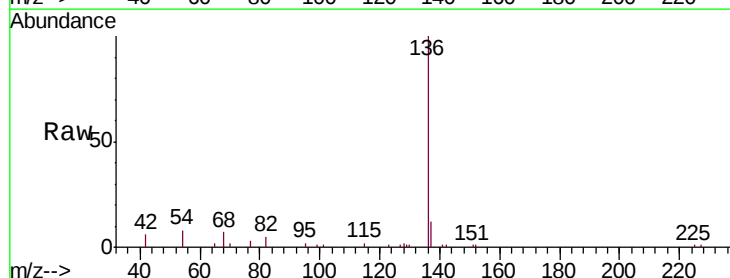
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 8.1 5.9 8.9

68 7.3 5.6 8.4

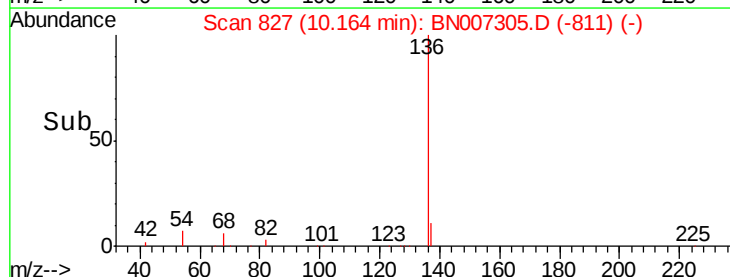
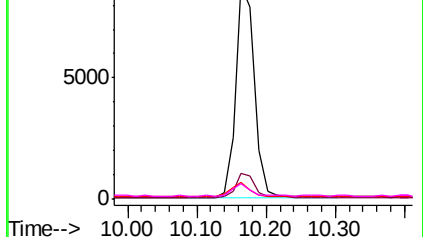


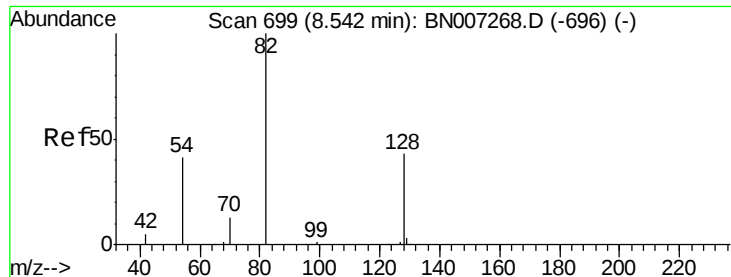
Abundance Ion 136.00 (135.70 to 136.70): BN007268.D (-820) (-)

Ion 137.00 (136.70 to 137.70): BN007268.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN007268.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN007268.D (-820) (-)





#8

Nitrobenzene-d5

Concen: 0.310 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007305.D

Acq: 22 Aug 2019 00:11

Instrument :

BNA_N

ClientSampleId :

PB122438BL

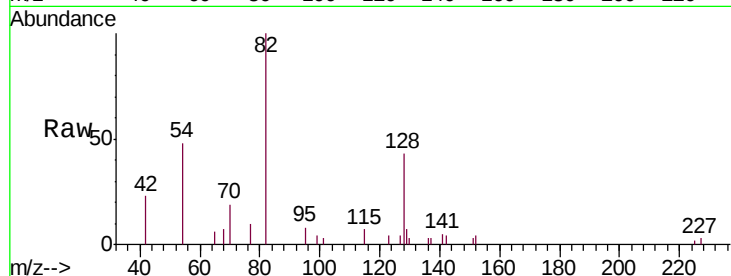
Tot Ion: 82 Resp: 3955

Ion Ratio Lower Upper

82 100

128 43.1 35.8 53.6

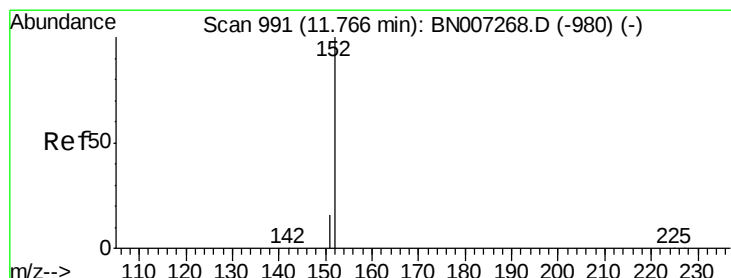
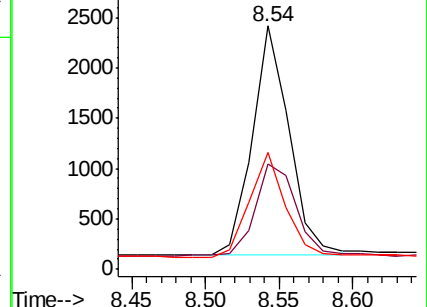
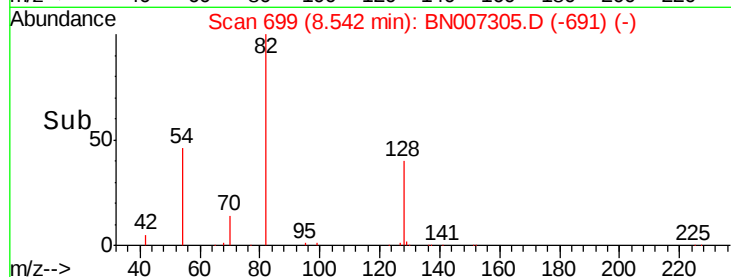
54 48.1 34.7 52.1



Abundance Ion 82.00 (81.70 to 82.70): BN007268.D (-696) (-)

Ion 128.00 (127.70 to 128.70): BN007268.D (-696) (-)

Ion 54.00 (53.70 to 54.70): BN007268.D (-696) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.311 ng

RT: 11.77 min Scan# 992

Delta R.T. 0.00 min

Lab File: BN007305.D

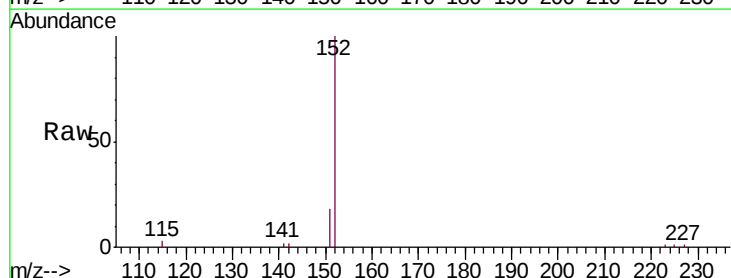
Acq: 22 Aug 2019 00:11

Tgt Ion: 152 Resp: 8953

Ion Ratio Lower Upper

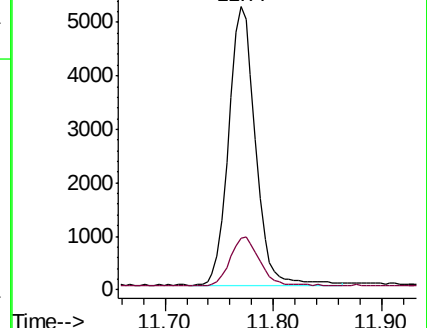
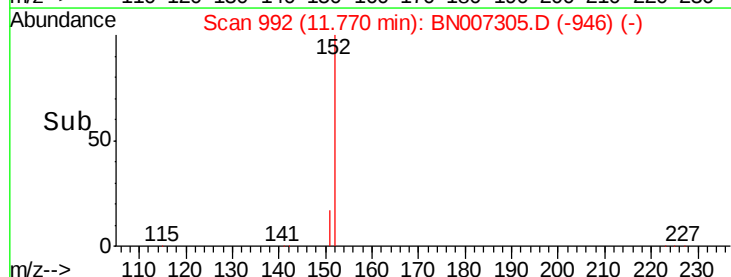
152 100

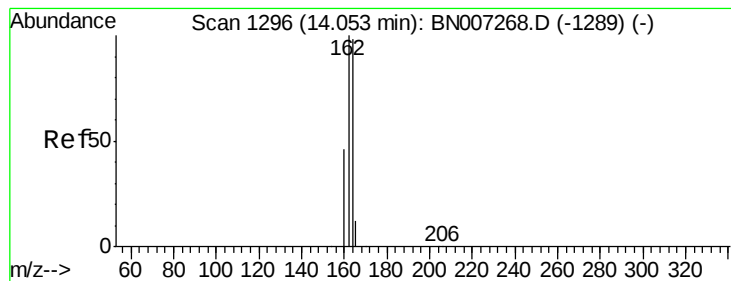
151 19.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BN007268.D (-980) (-)

Ion 151.00 (150.70 to 151.70): BN007268.D (-980) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007305.D

Acq: 22 Aug 2019 00:11

Instrument :

BNA_N

ClientSampleId :

PB122438BL

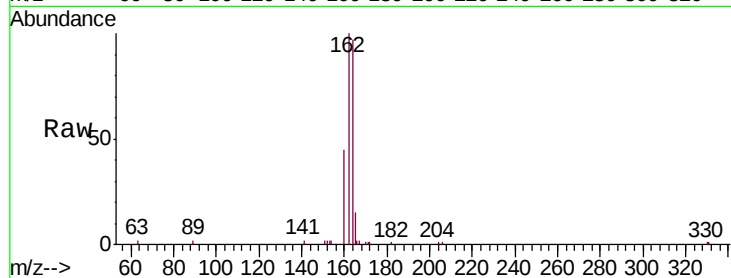
Tot Ion:164 Resp: 9076

Ion Ratio Lower Upper

164 100

162 103.2 82.0 123.0

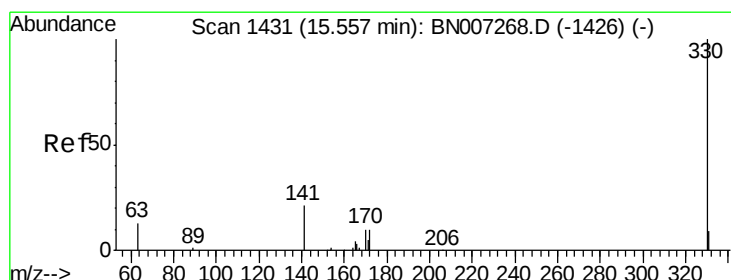
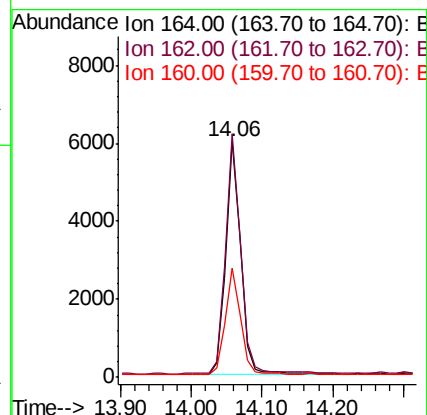
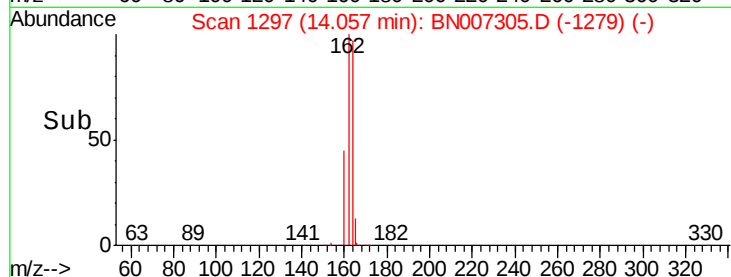
160 46.5 38.2 57.4



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: 0.322 ng

RT: 15.56 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BN007305.D

Acq: 22 Aug 2019 00:11

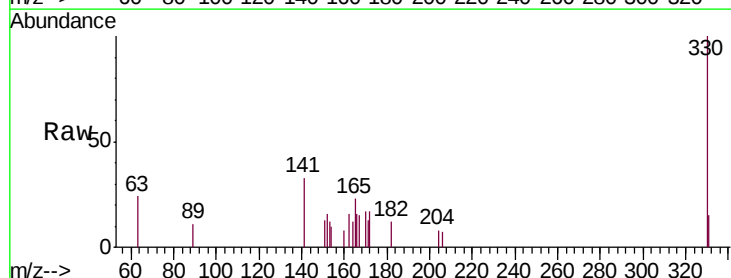
Tgt Ion:330 Resp: 1641

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

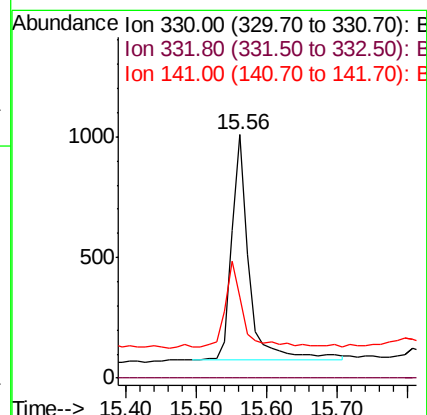
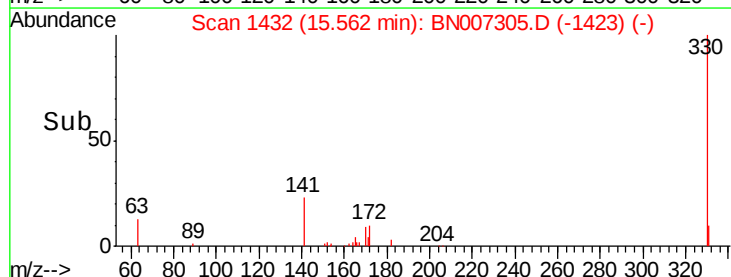
141 38.5 30.3 45.5

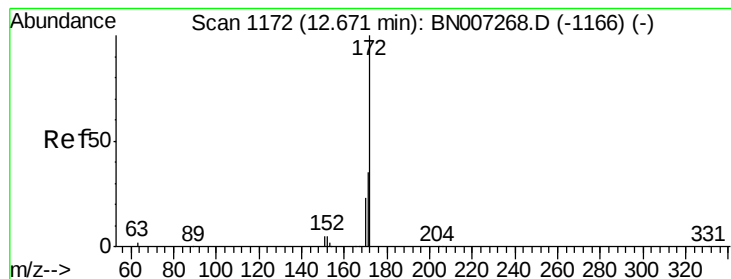


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

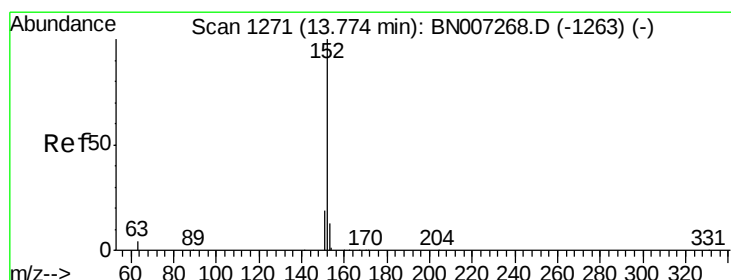
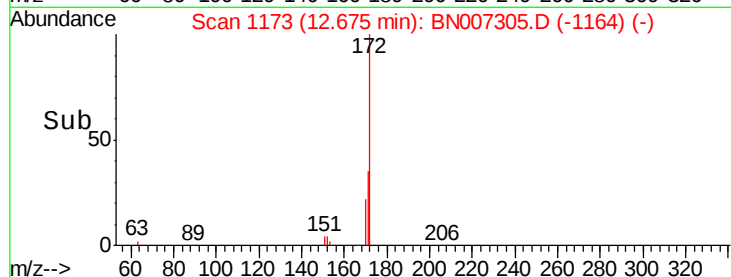
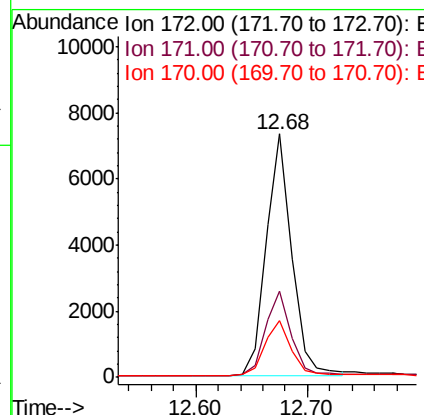
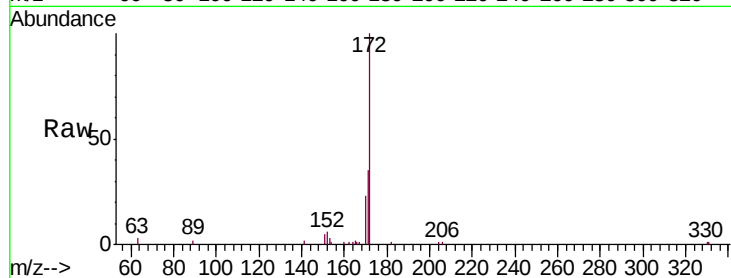




#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007305.D
Acq: 22 Aug 2019 00:11

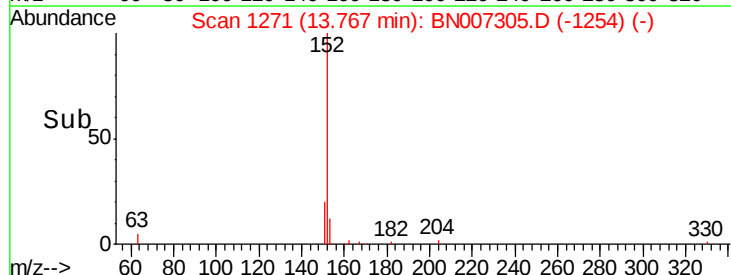
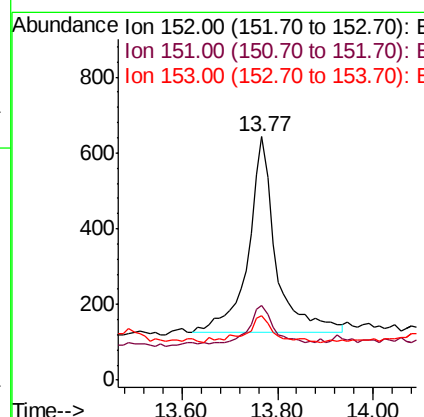
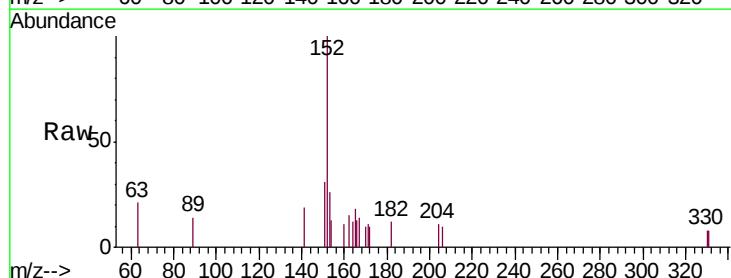
Instrument :
BNA_N
ClientSampleId :
PB122438BL

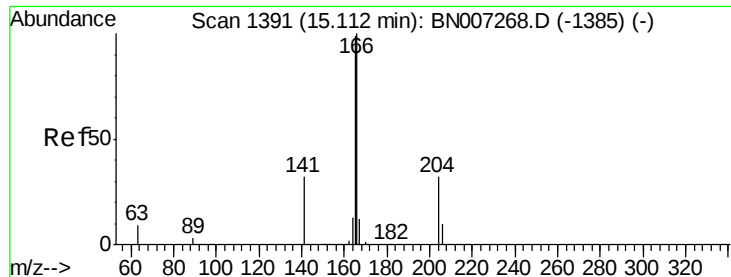
Tot Ion:172 Resp: 11621
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.1 18.7 28.1



#16
Acenaphthylene
Concen: 0.042 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007305.D
Acq: 22 Aug 2019 00:11

Tgt Ion:152 Resp: 2041
Ion Ratio Lower Upper
152 100
151 15.6 15.4 23.2
153 11.1 10.1 15.1





#18

Fluorene

Concen: 0.036 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007305.D

Acq: 22 Aug 2019 00:11

Instrument :

BNA_N

ClientSampleId :

PB122438BL

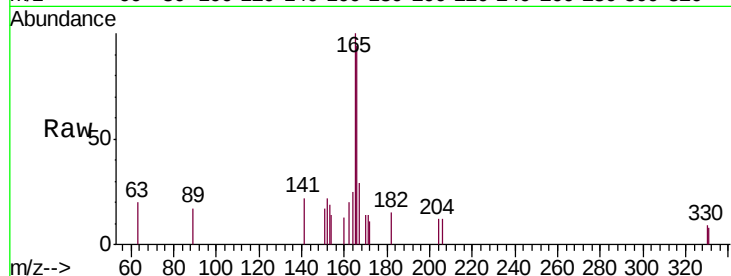
Tot Ion:166 Resp: 1450

Ion Ratio Lower Upper

166 100

165 103.8 78.3 117.5

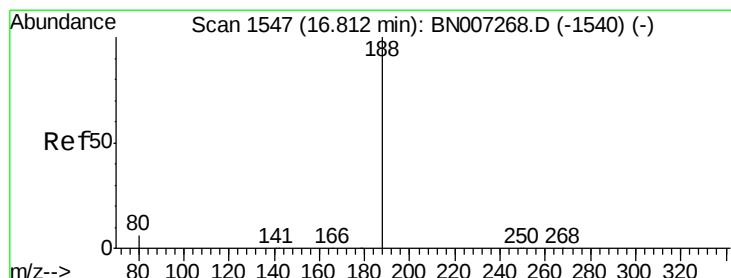
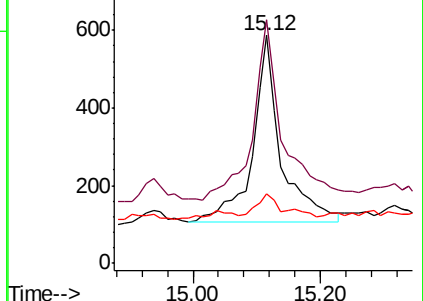
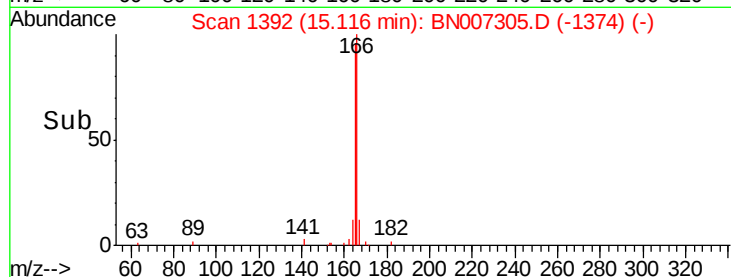
167 12.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BN007305.D

Acq: 22 Aug 2019 00:11

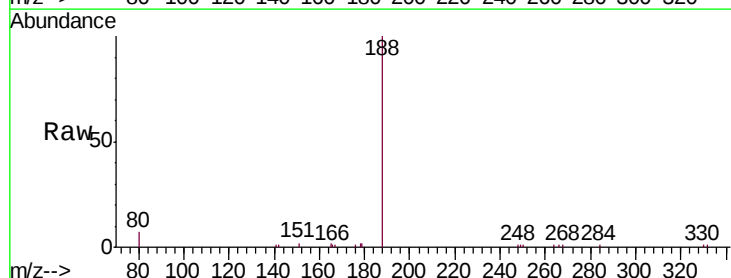
Tgt Ion:188 Resp: 21674

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

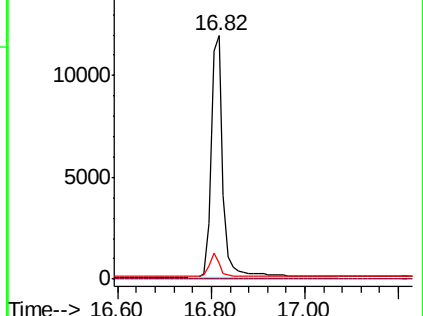
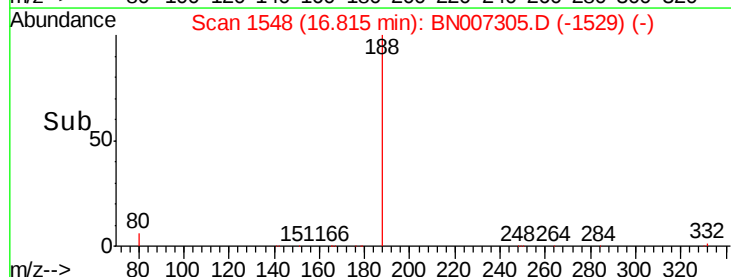
80 6.5 5.2 7.8

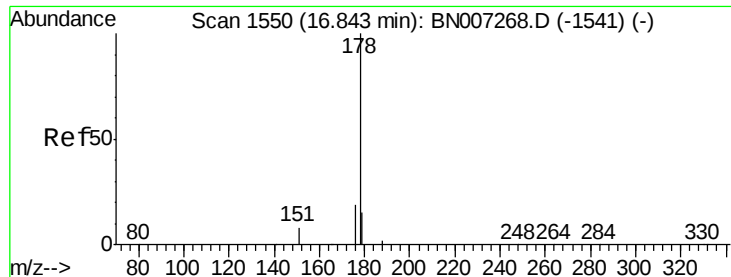


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 0.050 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007305.D

Acq: 22 Aug 2019 00:11

Instrument :

BNA_N

ClientSampleId :

PB122438BL

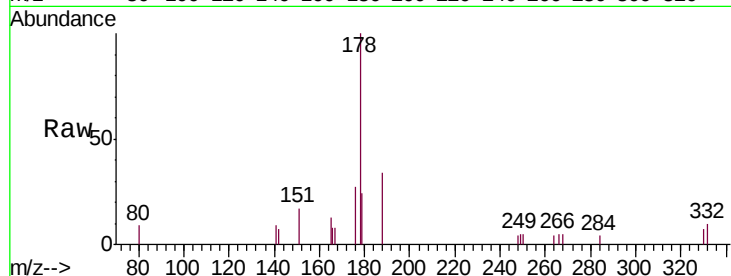
Tot Ion:178 Resp: 3424

Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

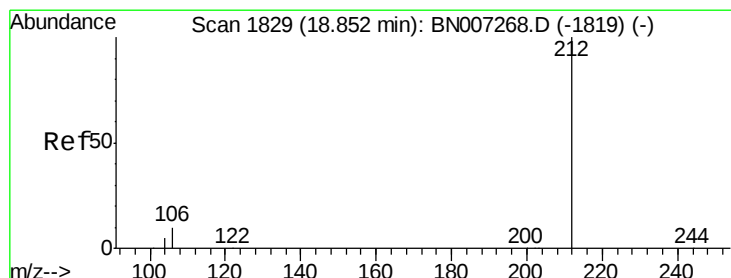
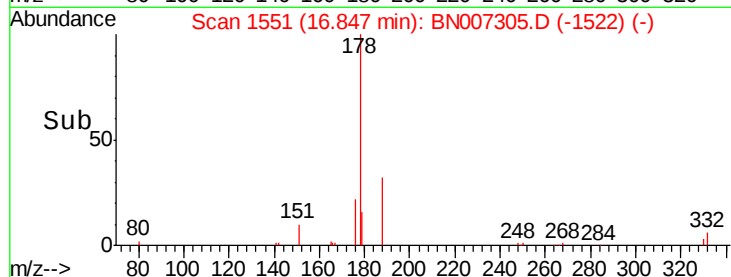
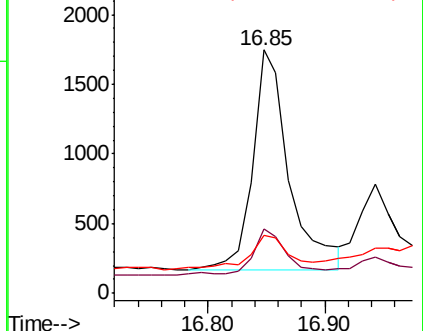
179 17.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.353 ng

RT: 18.85 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN007305.D

Acq: 22 Aug 2019 00:11

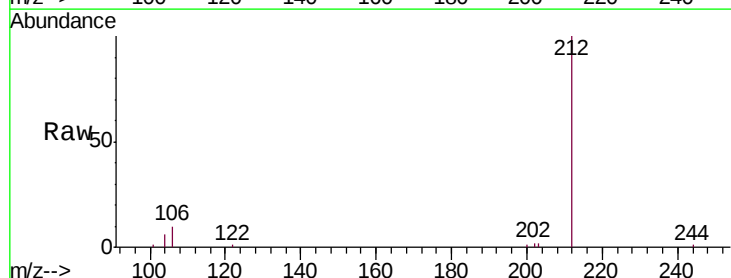
Tgt Ion:212 Resp: 24257

Ion Ratio Lower Upper

212 100

106 10.1 8.2 12.4

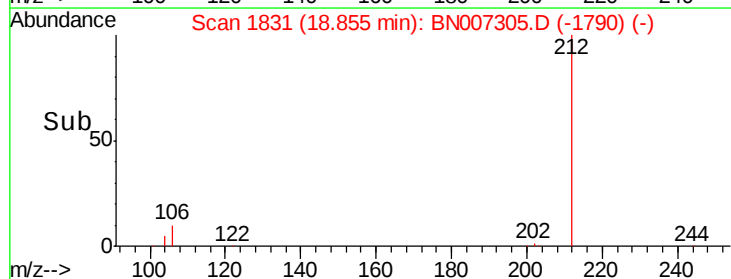
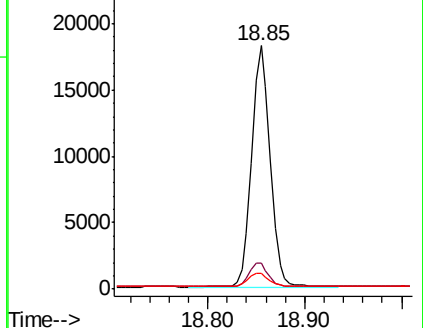
104 5.6 4.7 7.1

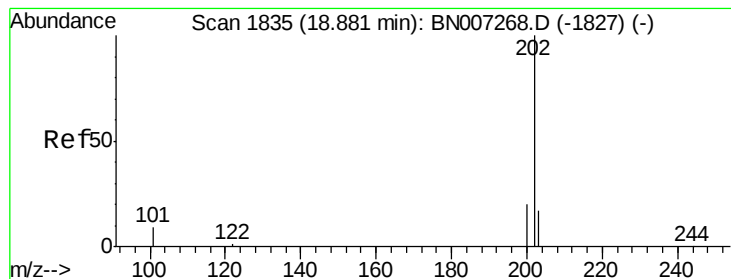


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.073 ng

RT: 18.88 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN007305.D

Acq: 22 Aug 2019 00:11

Instrument :

BNA_N

ClientSampleId :

PB122438BL

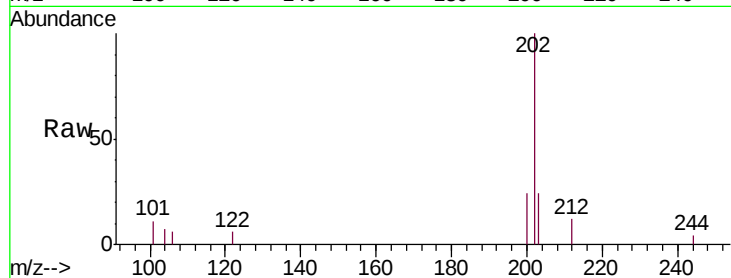
Tot Ion:202 Resp: 6039

Ion Ratio Lower Upper

202 100

101 9.1 7.2 10.8

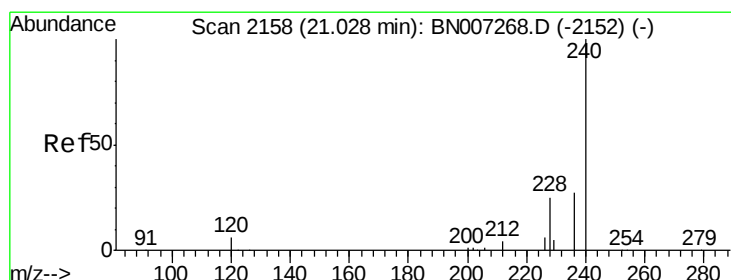
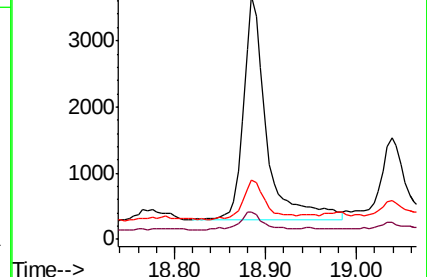
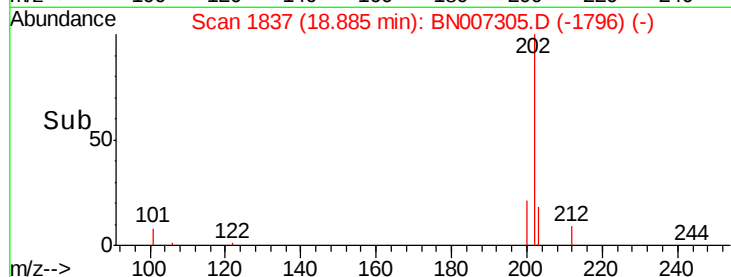
203 17.2 13.8 20.6



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.03 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BN007305.D

Acq: 22 Aug 2019 00:11

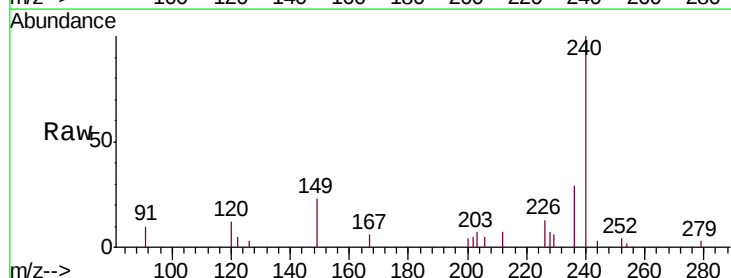
Tgt Ion:240 Resp: 25186

Ion Ratio Lower Upper

240 100

120 11.9 5.6 8.4#

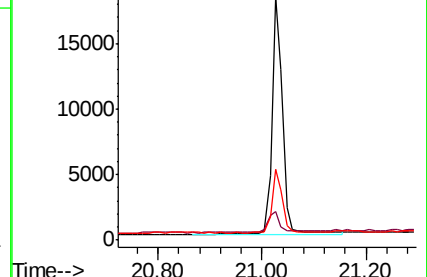
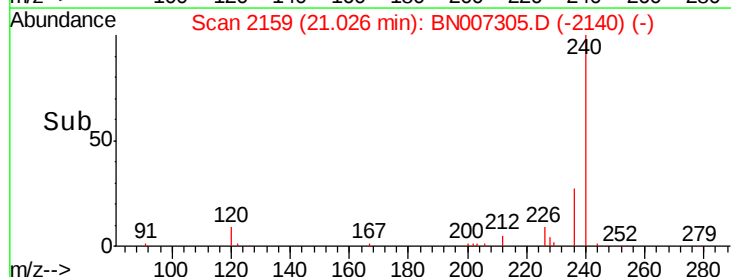
236 29.2 21.6 32.4

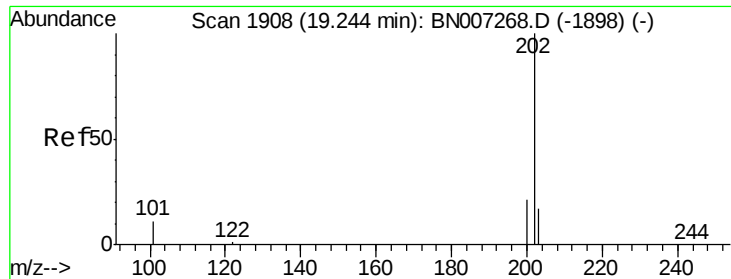


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

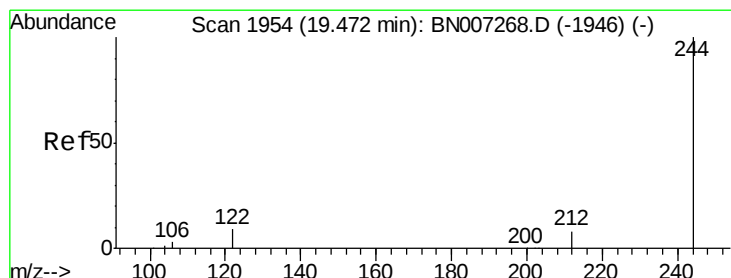
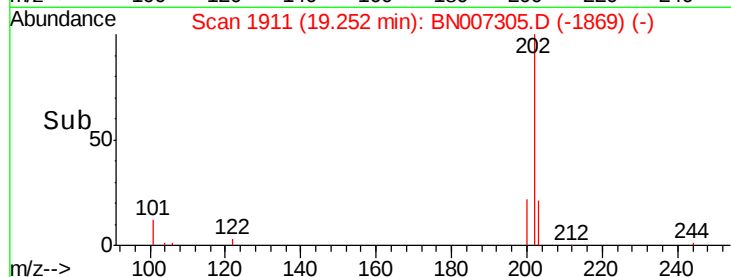
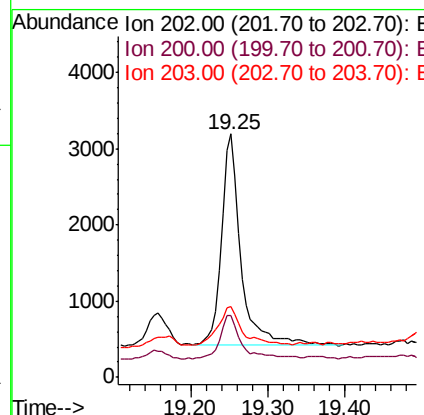
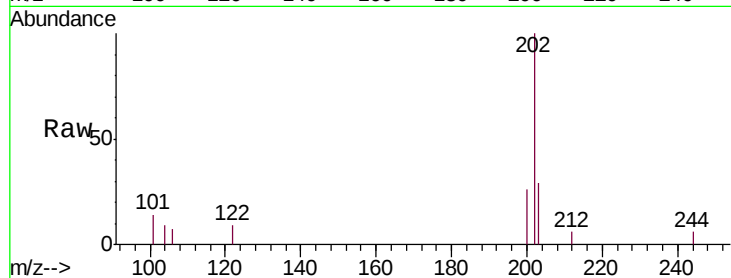




#28
Pvrene
Concen: 0.051 ng
RT: 19.25 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BN007305.D
Acq: 22 Aug 2019 00:11

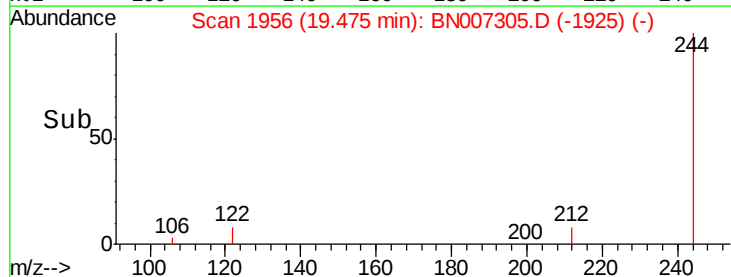
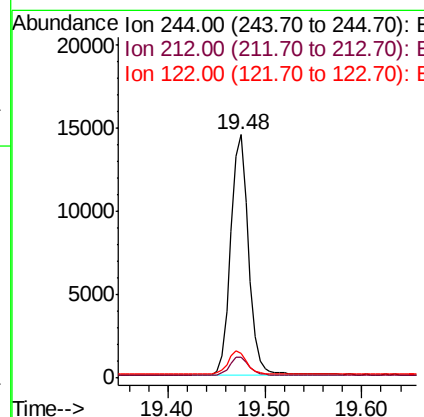
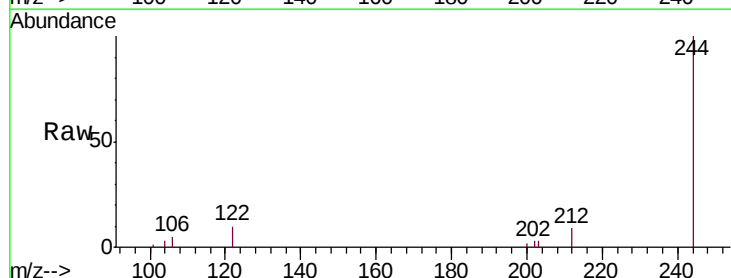
Instrument :
BNA_N
ClientSampleId :
PB122438BL

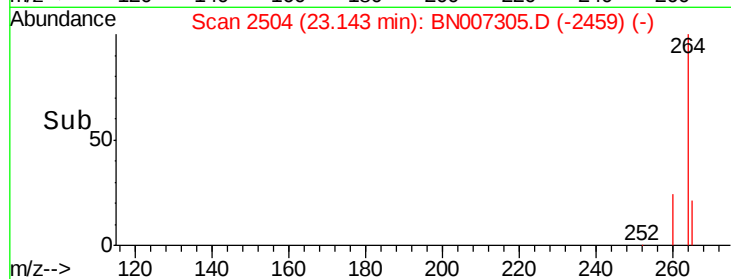
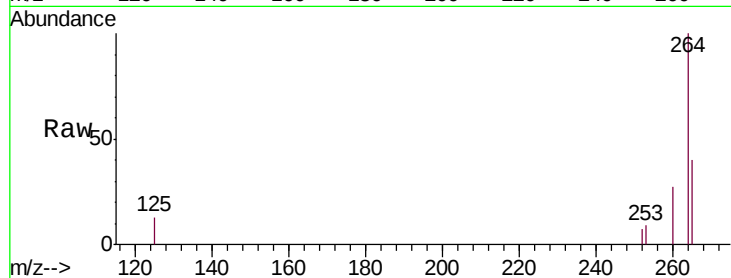
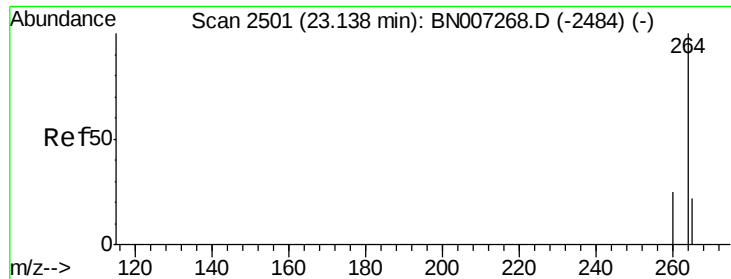
Tot Ion:202 Resp: 4846
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 23.4 13.9 20.9#



#29
Terphenyl-d14
Concen: 0.298 ng
RT: 19.48 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BN007305.D
Acq: 22 Aug 2019 00:11

Tgt Ion:244 Resp: 18782
Ion Ratio Lower Upper
244 100
212 8.8 6.5 9.7
122 10.2 7.9 11.9





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.14 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BN007305.D
 Acq: 22 Aug 2019 00:11

Instrument :
 BNA_N
 ClientSampleId :
 PB122438BL

Tot Ion: 264 Resp: 27124
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.1 30.1
 265 40.4 29.0 43.6

