

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
 Data File : BN007085.D
 Acq On : 11 Aug 2019 14:02
 Operator : HP/JU
 Sample : PB121943BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 12 04:43:47 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	9667	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	36510	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	20317	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	49112	0.40	ng	0.00
26) Chrysene-d12	21.05	240	51746	0.40	ng	-0.01
32) Perylene-d12	23.16	264	53197	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	6975	0.30	ng	0.00
4) Phenol-d6	6.61	99	9096	0.32	ng	0.00
7) Nitrobenzene-d5	8.56	82	7038	0.24	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	23283	0.34	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1986	0.18	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	5004	0.17	ng	0.00
24) Fluoranthene-d10	18.87	212	42778	0.25	ng	0.00
28) Terphenyl-d14	19.49	244	35115	0.25	ng	0.00

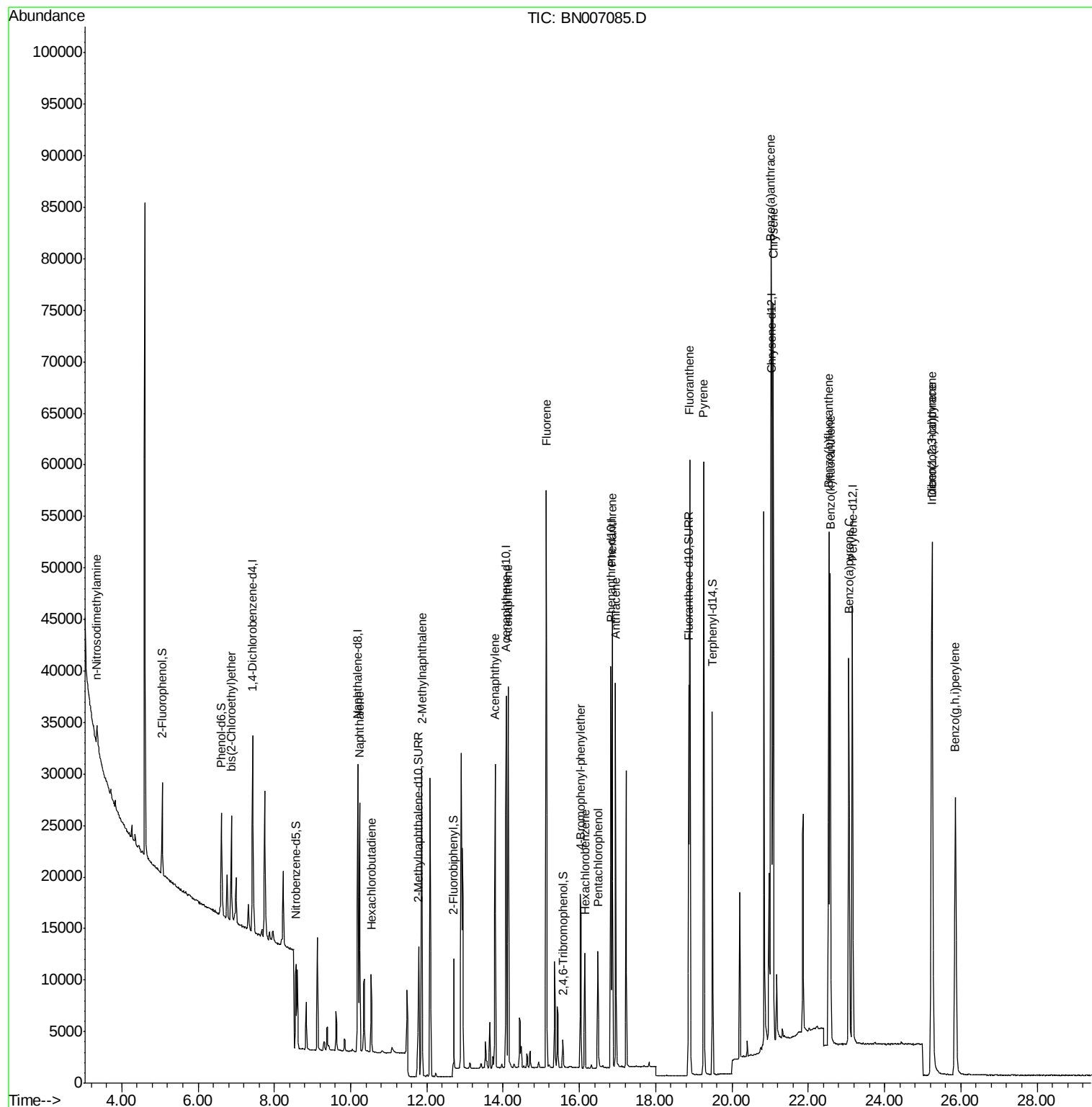
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	1893	0.298	ng	# 85
5) bis(2-Chloroethyl)ether	6.87	93	8185	0.322	ng	99
8) Naphthalene	10.24	128	30369	0.297	ng	99
9) Hexachlorobutadiene	10.54	225	6196	0.284	ng	# 99
11) 2-Methylnaphthalene	11.87	142	21725	0.300	ng	99
15) Acenaphthylene	13.79	152	31629	0.298	ng	100
16) Acenaphthene	14.13	154	20264	0.298	ng	99
17) Fluorene	15.14	166	25919	0.255	ng	100
19) 4-Bromophenyl-phenylether	16.03	248	9335	0.307	ng	# 81
20) Hexachlorobenzene	16.14	284	9013	0.308	ng	100
21) Pentachlorophenol	16.48	266	5673	0.521	ng	97
22) Phenanthrene	16.87	178	44568	0.303	ng	100
23) Anthracene	16.95	178	40153	0.299	ng	100
25) Fluoranthene	18.90	202	54012	0.287	ng	100
27) Pyrene	19.26	202	55123	0.304	ng	100
29) Benzo(a)anthracene	21.02	228	55354	0.293	ng	100
30) Chrysene	21.08	228	56397	0.307	ng	99
31) Indeno(1,2,3-cd)pyrene	25.24	276	64369	0.318	ng	100
33) Benzo(b)fluoranthene	22.54	252	56648	0.311	ng	99
34) Benzo(k)fluoranthene	22.58	252	58095	0.322	ng	100
35) Benzo(a)pyrene	23.07	252	52774	0.319	ng	99
36) Dibenzo(a,h)anthracene	25.25	278	53158	0.322	ng	100
37) Benzo(g,h,i)perylene	25.86	276	55208	0.325	ng	99

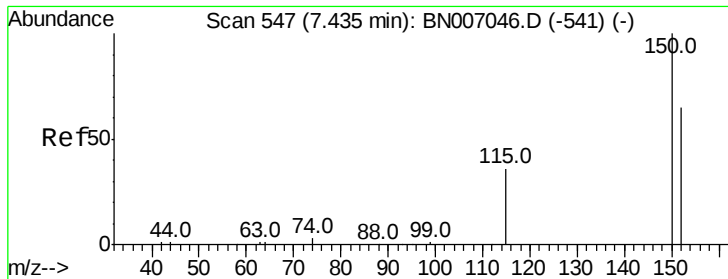
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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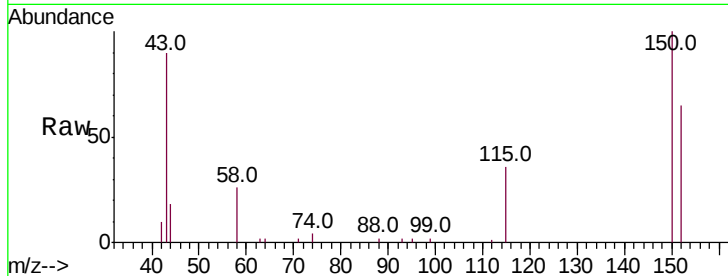


#1

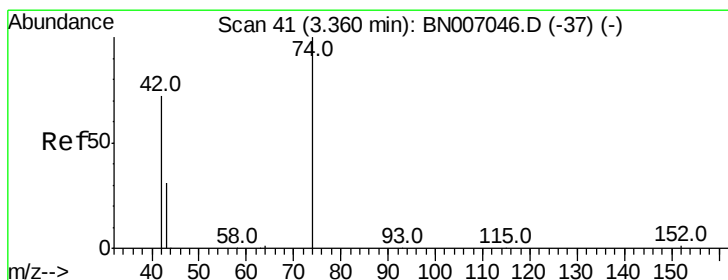
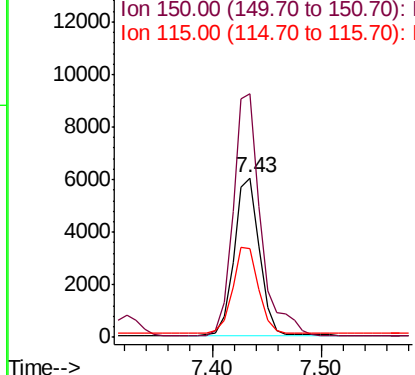
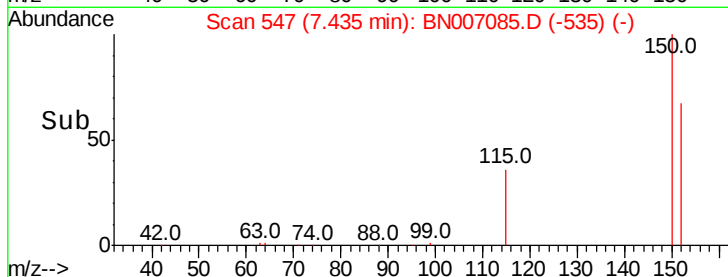
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007085.D
Acq: 11 Aug 2019 14:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9667
Ion Ratio Lower Upper
152 100
150 152.7 121.7 182.5
115 55.3 46.2 69.4



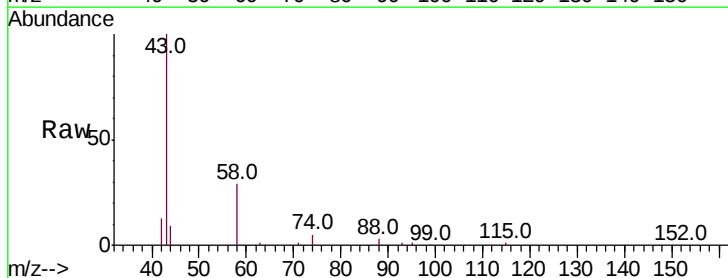
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



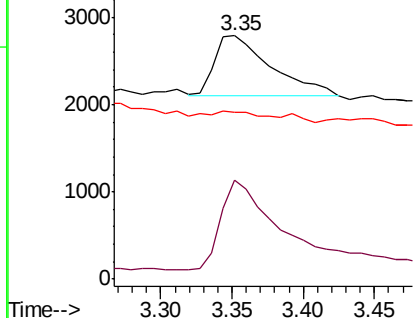
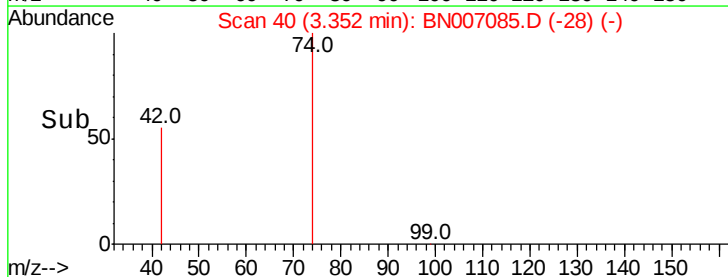
#2

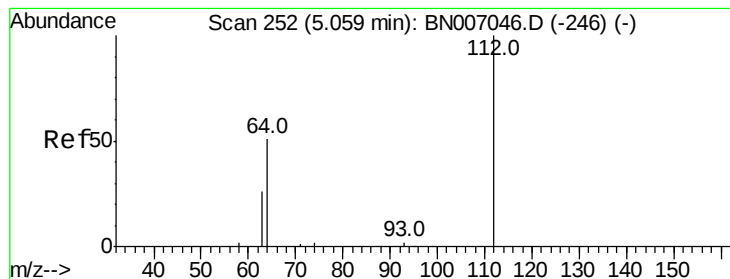
n-Nitrosodimethylamine
Concen: 0.298 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007085.D
Acq: 11 Aug 2019 14:02

Tgt Ion: 42 Resp: 1893
Ion Ratio Lower Upper
42 100
74 156.2 110.6 166.0
44 19.3 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#3

2-Fluorophenol

Concen: 0.300 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampleId :

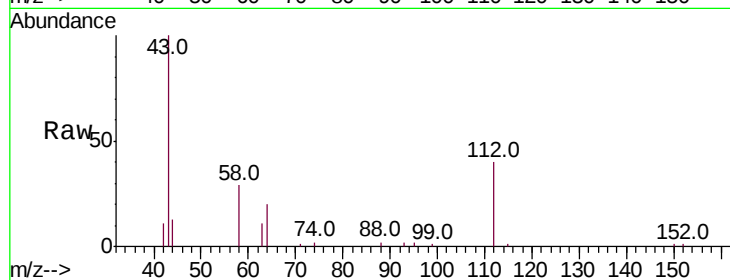
Tot Ion:112 Resp: 6975

Ion Ratio Lower Upper

112 100

64 53.5 42.6 63.8

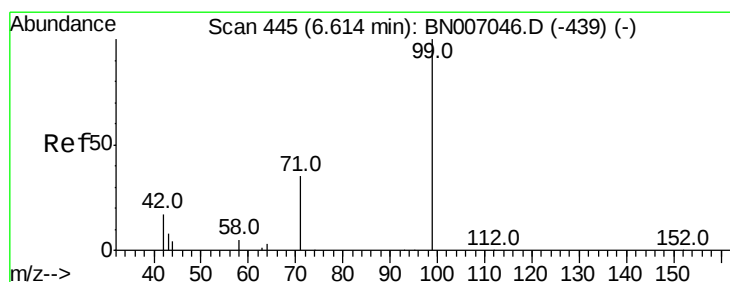
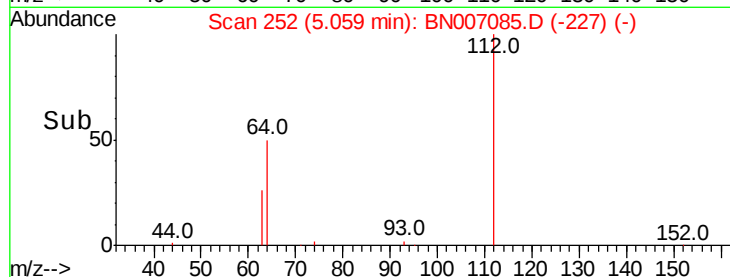
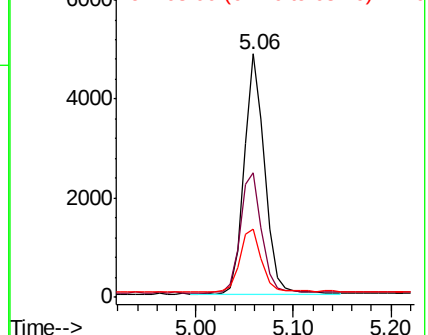
63 28.1 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#4

Phenol-d6

Concen: 0.316 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

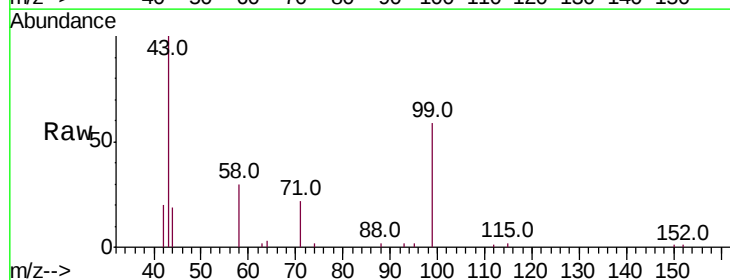
Tgt Ion: 99 Resp: 9096

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

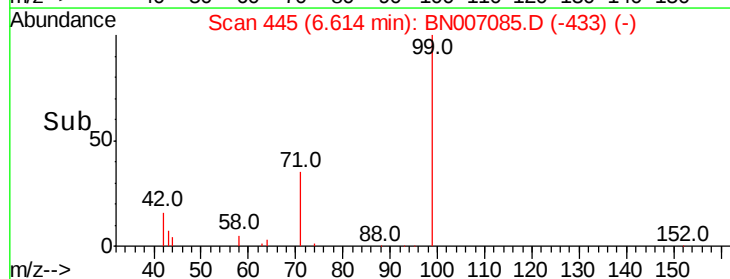
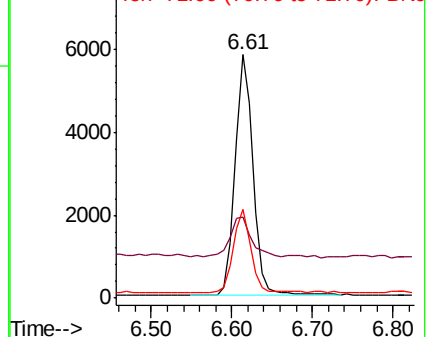
71 33.7 27.0 40.4

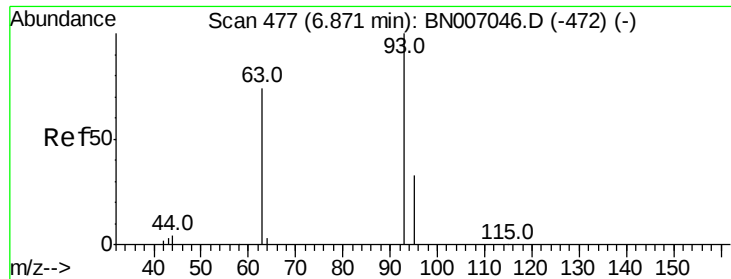


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#5

bis(2-Chloroethyl)ether

Concen: 0.322 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampleId :

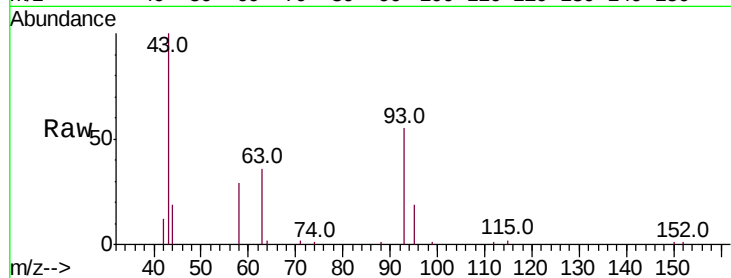
Tot Ion: 93 Resp: 8185

Ion Ratio Lower Upper

93 100

63 69.3 55.6 83.4

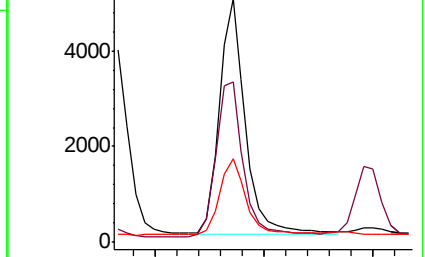
95 32.7 26.7 40.1



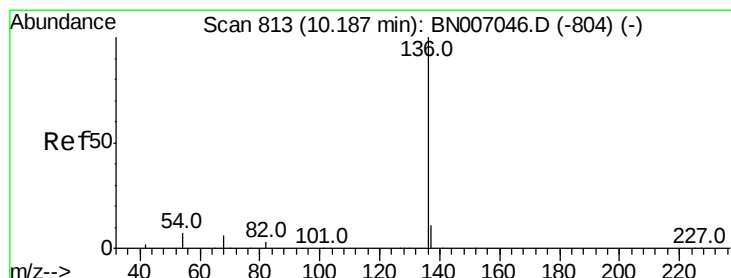
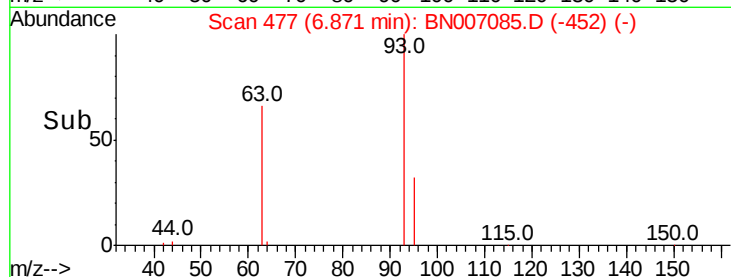
Abundance Ion 93.00 (92.70 to 93.70): BN007046.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007046.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007046.D (-472) (-)



Time-->



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Tgt Ion: 136 Resp: 36510

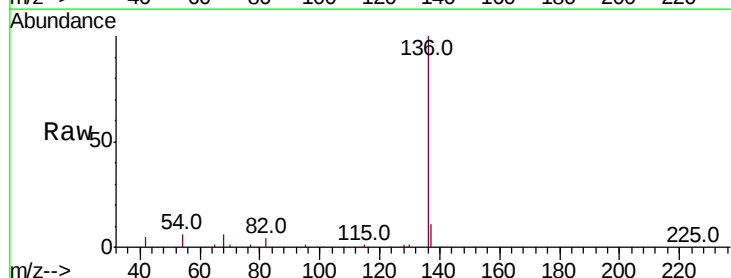
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.0

54 6.3 6.6 9.8#

68 5.8 6.0 9.0#

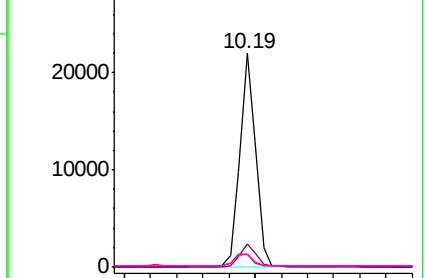


Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

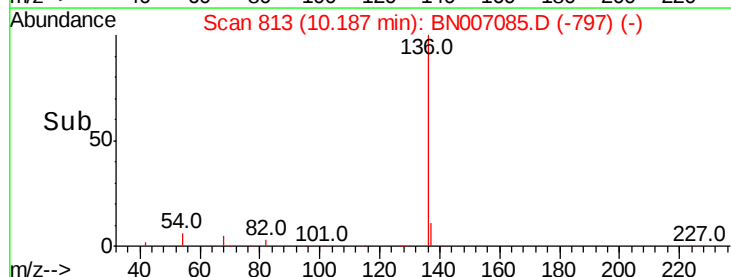
Ion 137.00 (136.70 to 137.70): BN007046.D (-804) (-)

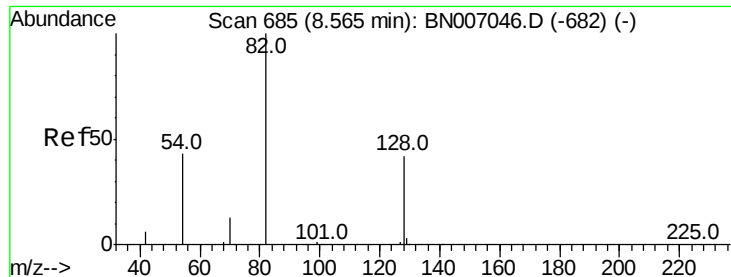
Ion 54.00 (53.70 to 54.70): BN007046.D (-804) (-)

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



Time-->





#7

Nitrobenzene-d5

Concen: 0.239 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampleId :

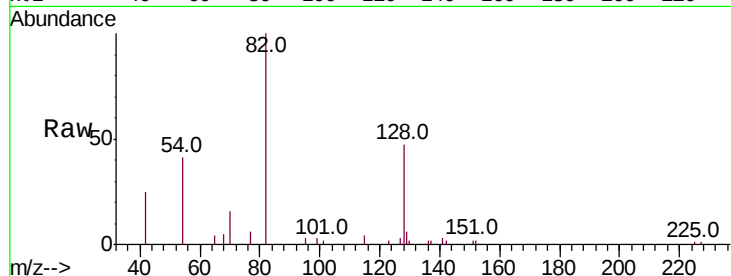
Tot Ion: 82 Resp: 7038

Ion Ratio Lower Upper

82 100

128 47.4 34.6 51.8

54 41.2 36.2 54.4



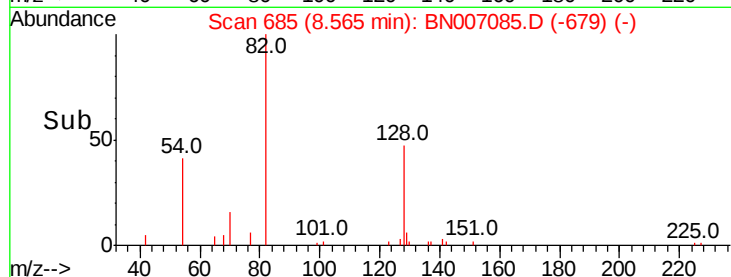
Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

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

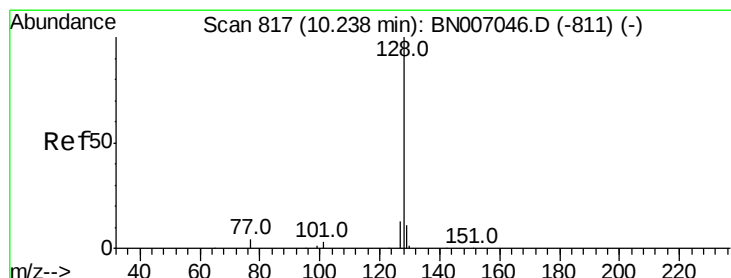
Ion 54.00 (53.70 to 54.70): BN007046.D (-682) (-)

8.56

Time-->



Time-->



#8

Naphthalene

Concen: 0.297 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

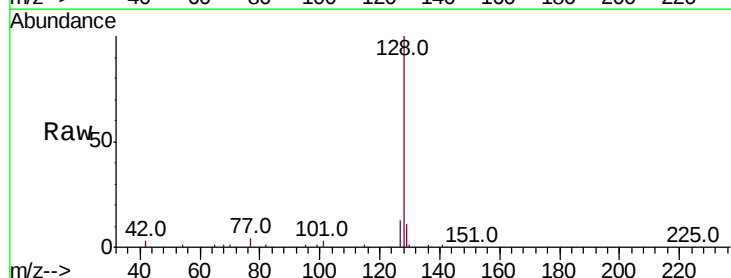
Tgt Ion: 128 Resp: 30369

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

127 13.3 11.0 16.6



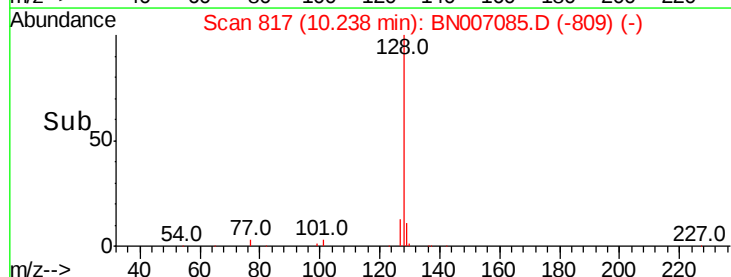
Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

Ion 129.00 (128.70 to 129.70): BN007046.D (-811) (-)

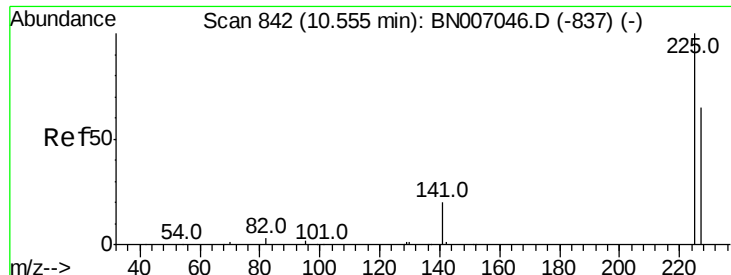
Ion 127.00 (126.70 to 127.70): BN007046.D (-811) (-)

10.24

Time-->



Time-->



#9

Hexachlorobutadiene

Concen: 0.284 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampleId :

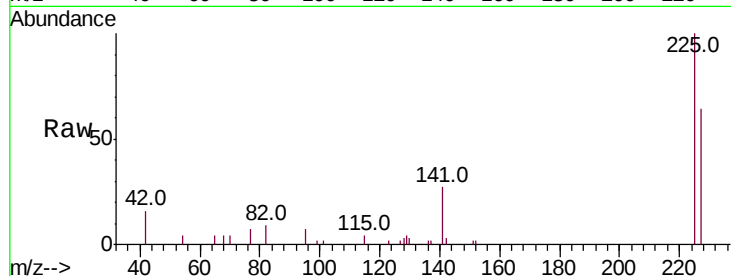
Tot Ion:225 Resp: 6196

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

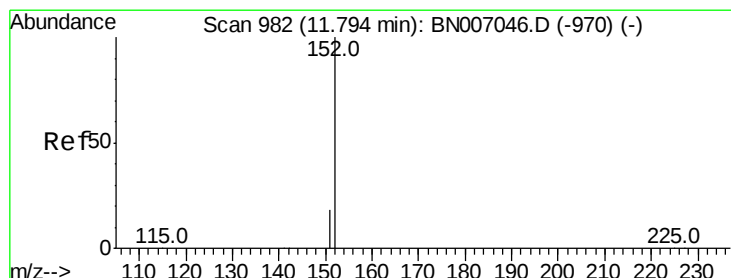
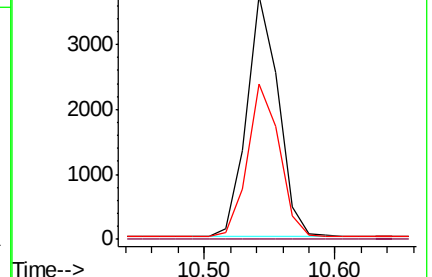
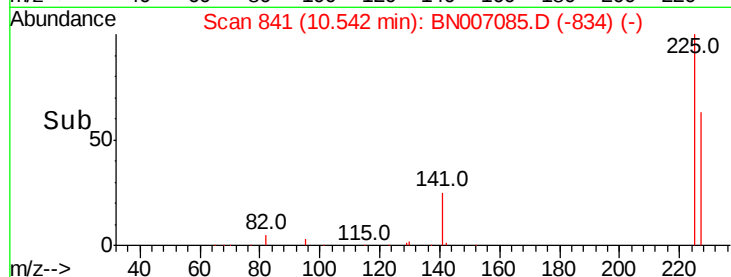
227 63.1 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#10

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007085.D

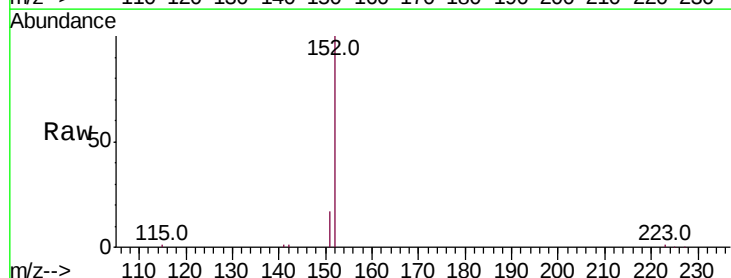
Acq: 11 Aug 2019 14:02

Tgt Ion:152 Resp: 23283

Ion Ratio Lower Upper

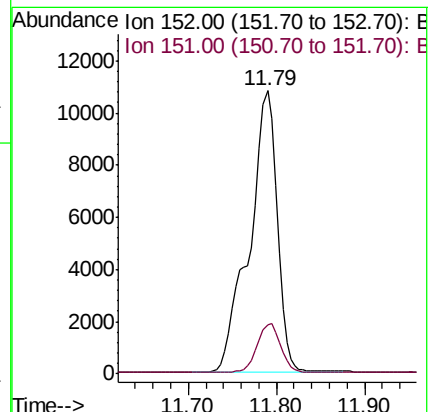
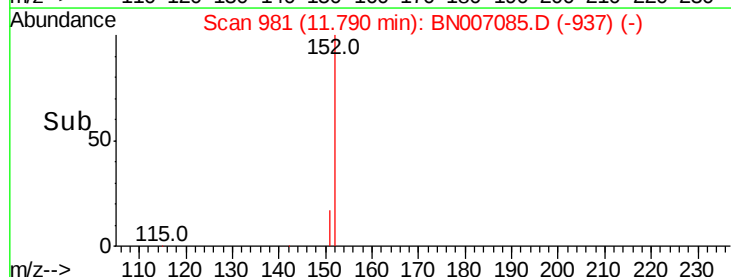
152 100

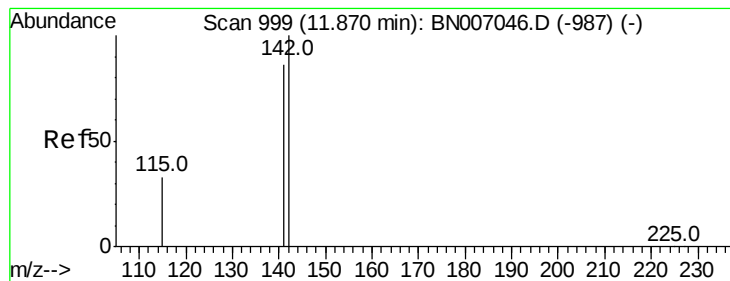
151 14.5 15.5 23.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.300 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampleId :

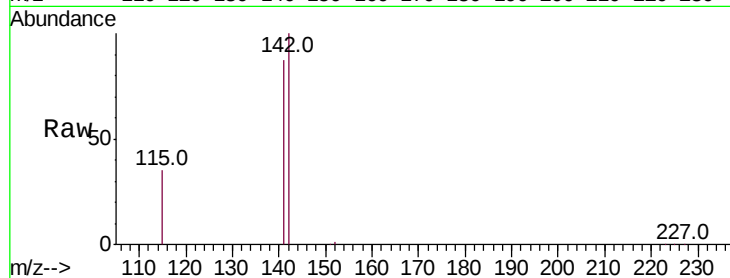
Tot Ion:142 Resp: 21725

Ion Ratio Lower Upper

142 100

141 87.4 69.0 103.6

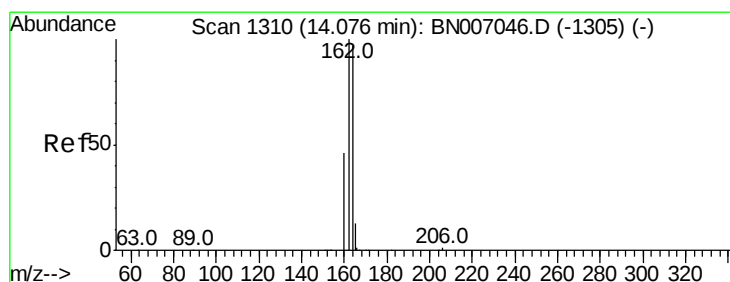
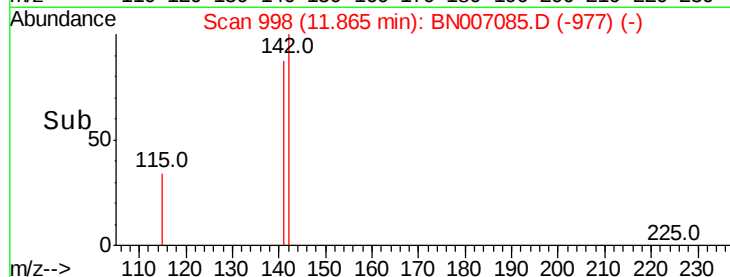
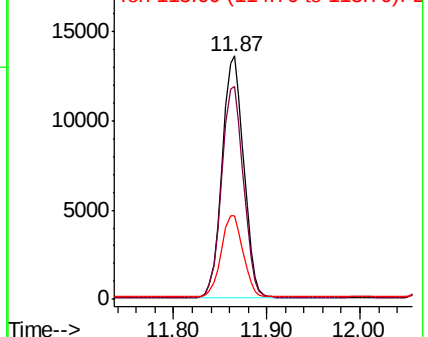
115 34.6 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

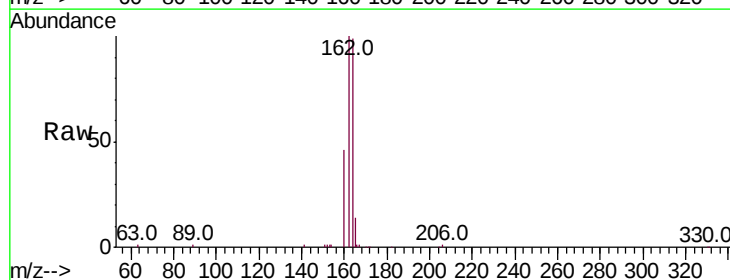
Tgt Ion:164 Resp: 20317

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.4

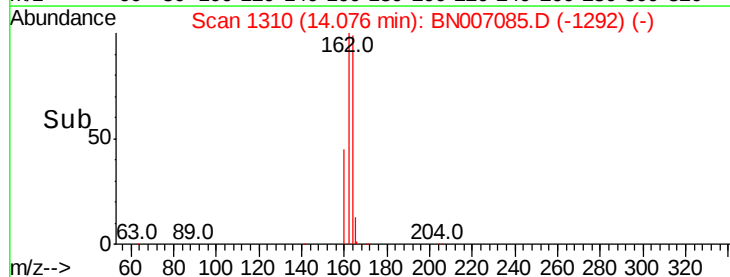
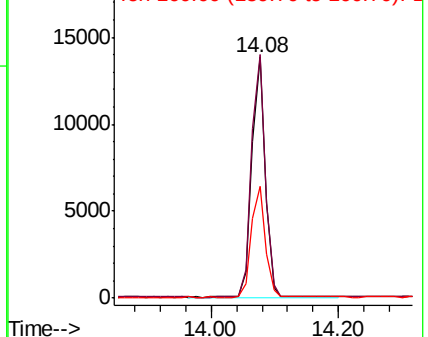
160 46.3 38.3 57.5

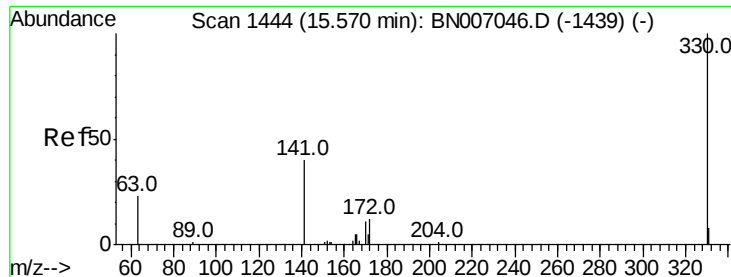


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

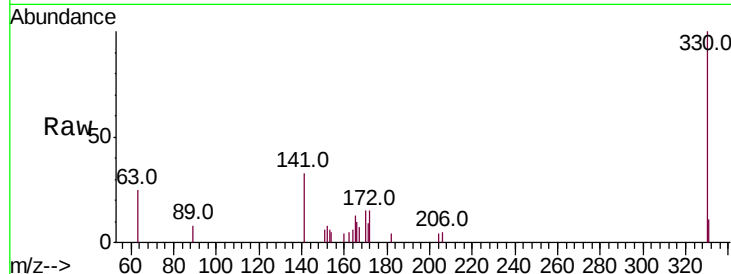




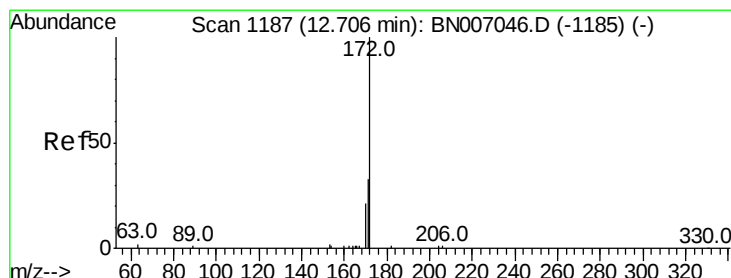
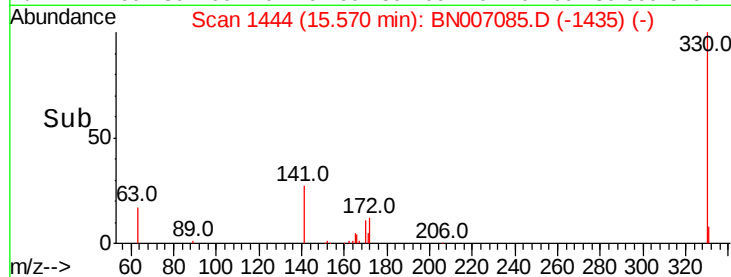
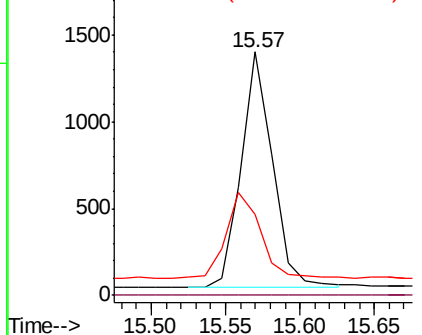
#13
 2,4,6-Tribromophenol
 Concen: 0.182 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007085.D
 Acq: 11 Aug 2019 14:02

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1986
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.8 33.6 50.4

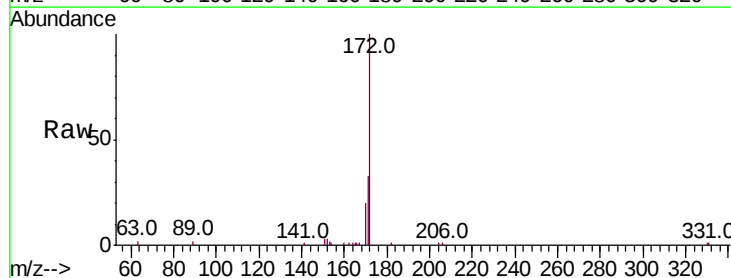


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

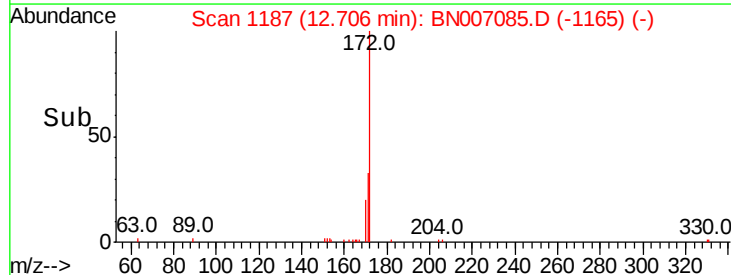
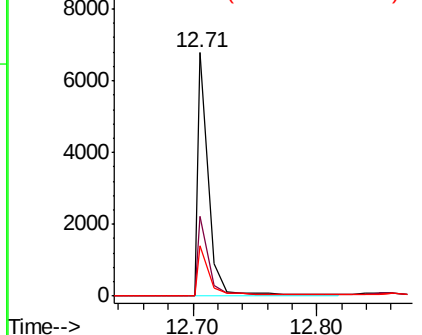


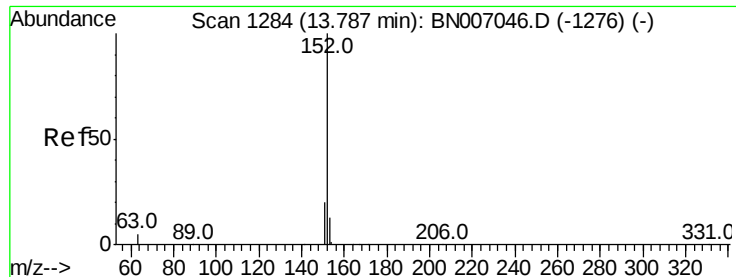
#14
 2-Fluorobiphenyl
 Concen: 0.169 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007085.D
 Acq: 11 Aug 2019 14:02

Tgt Ion:172 Resp: 5004
 Ion Ratio Lower Upper
 172 100
 171 32.8 26.3 39.5
 170 20.5 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





#15

Acenaphthylene

Concen: 0.298 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampled :

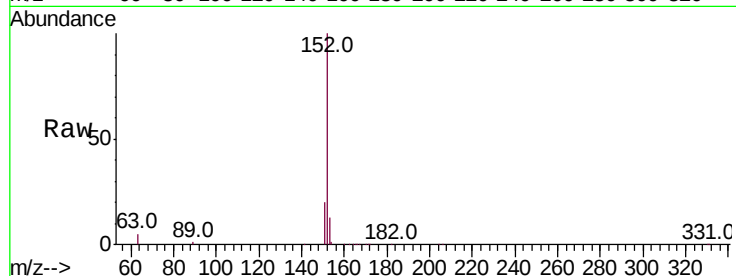
Tot Ion:152 Resp: 31629

Ion Ratio Lower Upper

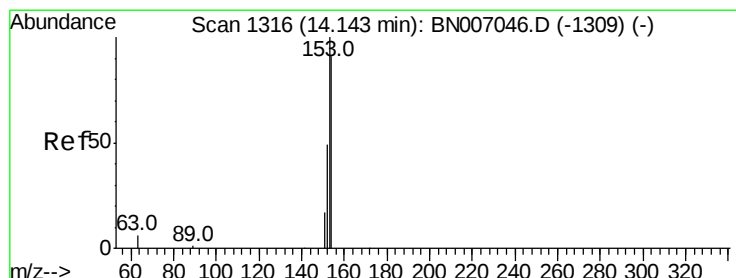
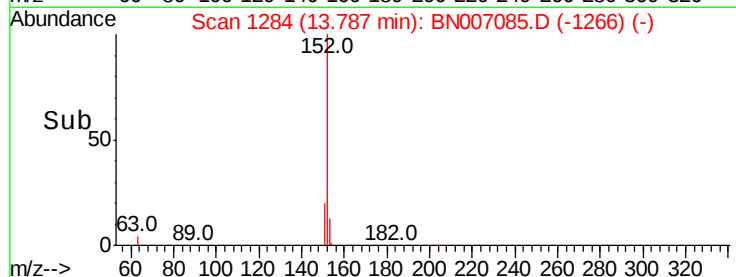
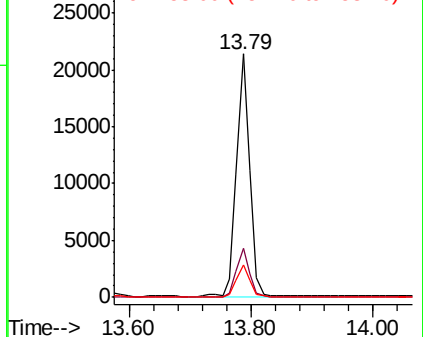
152 100

151 19.5 15.8 23.6

153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.298 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

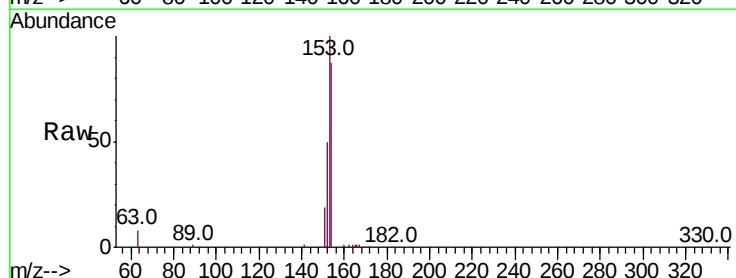
Tgt Ion:154 Resp: 20264

Ion Ratio Lower Upper

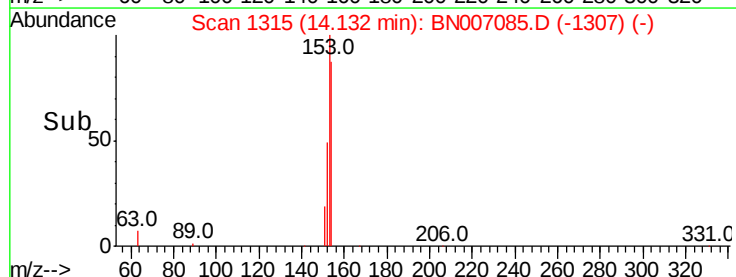
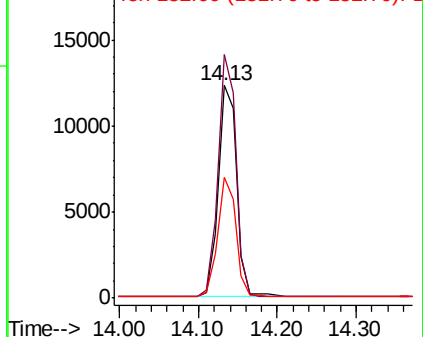
154 100

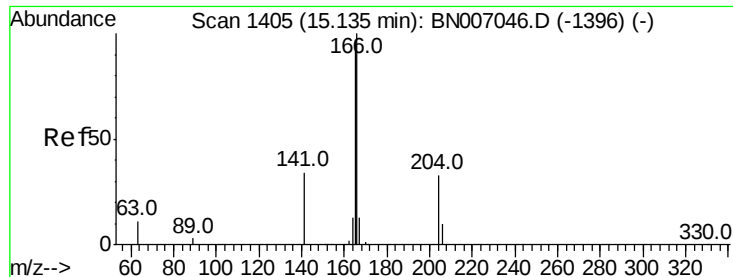
153 110.4 89.5 134.3

152 55.0 44.8 67.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

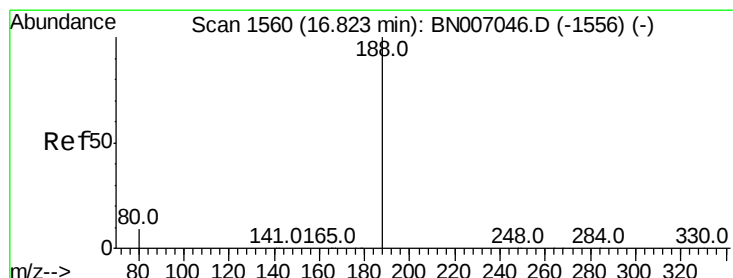
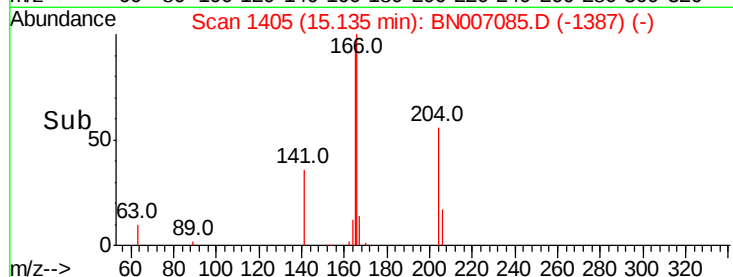
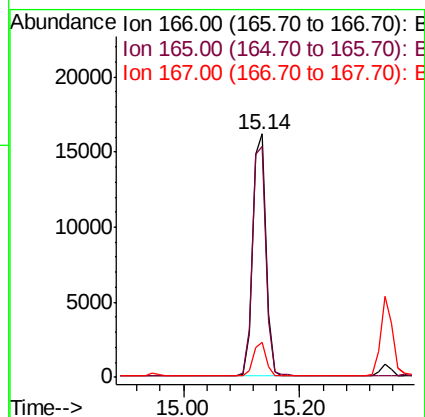
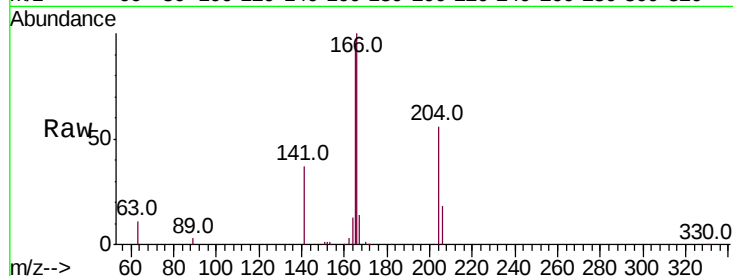




#17
 Fluorene
 Concen: 0.255 ng
 RT: 15.14 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007085.D
 Acq: 11 Aug 2019 14:02

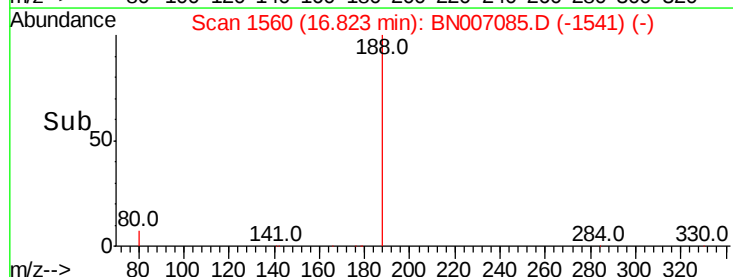
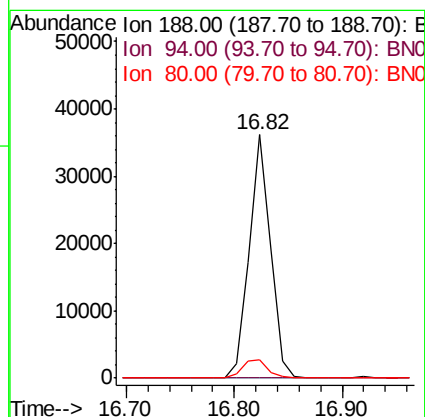
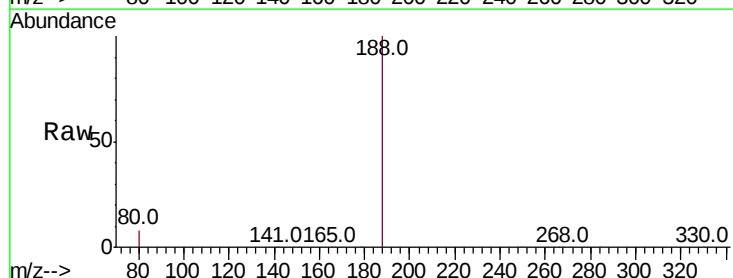
Instrument :
 BNA_N
 ClientSampleId :

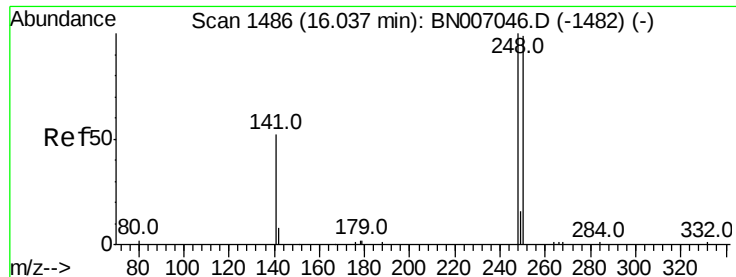
Tot Ion:166 Resp: 25919
 Ion Ratio Lower Upper
 166 100
 165 97.0 77.9 116.9
 167 13.6 10.9 16.3



#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007085.D
 Acq: 11 Aug 2019 14:02

Tgt Ion:188 Resp: 49112
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.6 7.8 11.6#

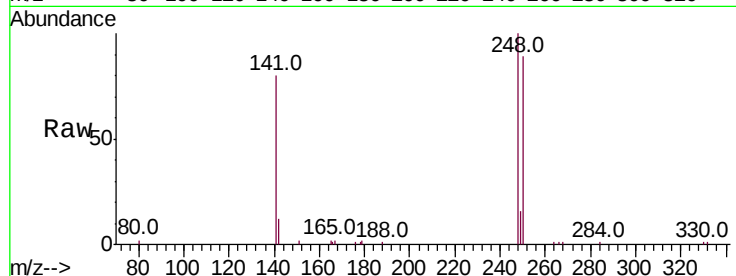




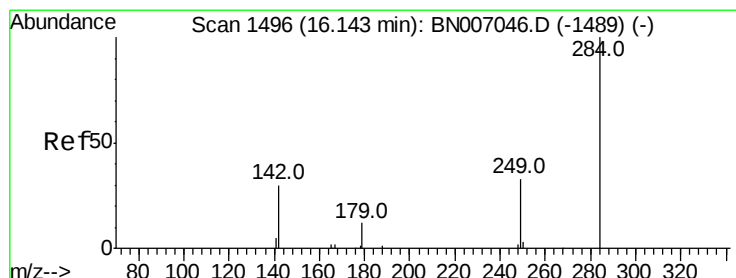
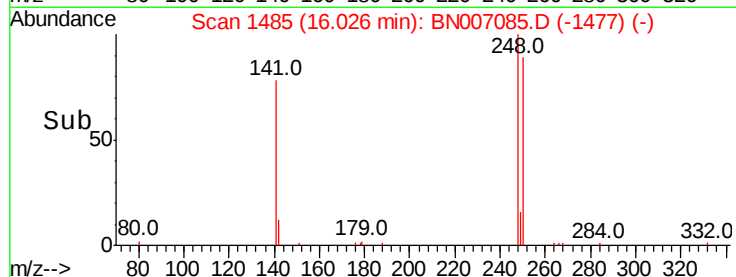
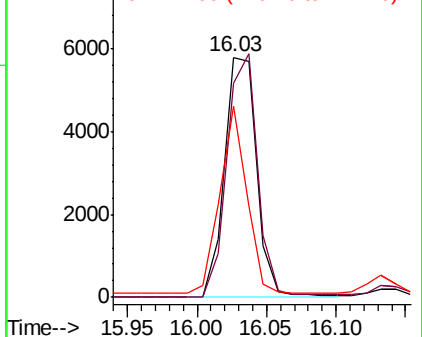
#19
4-Bromophenyl-phenylether
Concen: 0.307 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN007085.D
Acq: 11 Aug 2019 14:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 9335
Ion Ratio Lower Upper
248 100
250 89.2 78.9 118.3
141 79.6 43.3 64.9#

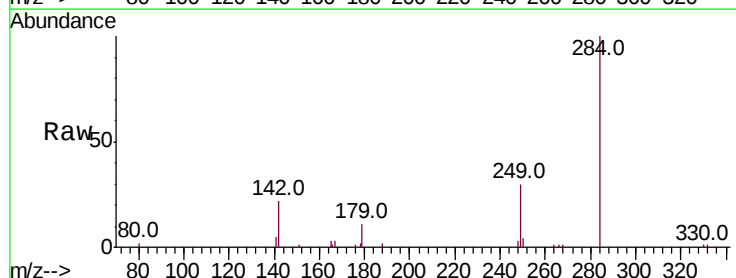


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

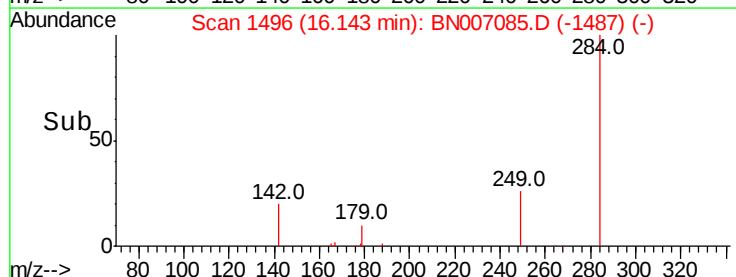
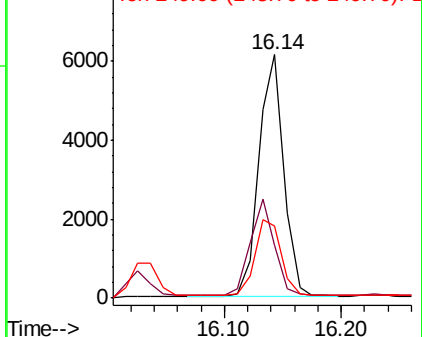


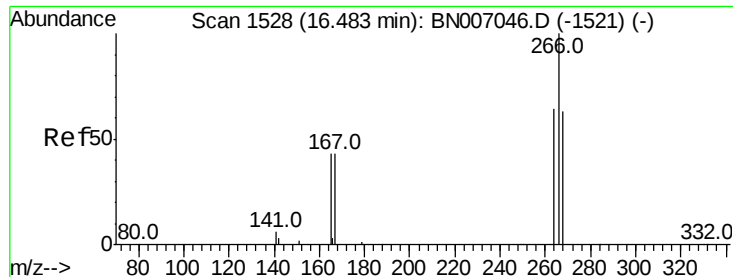
#20
Hexachlorobenzene
Concen: 0.308 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007085.D
Acq: 11 Aug 2019 14:02

Tgt Ion:284 Resp: 9013
Ion Ratio Lower Upper
284 100
142 38.2 30.5 45.7
249 33.3 26.7 40.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

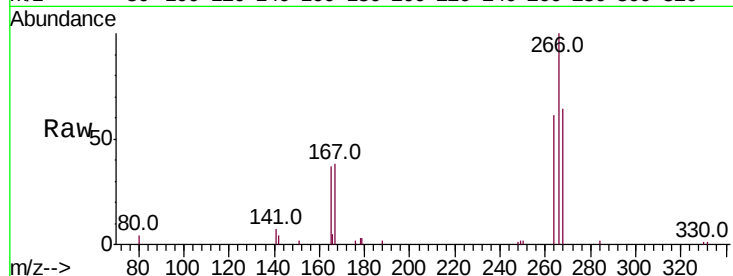




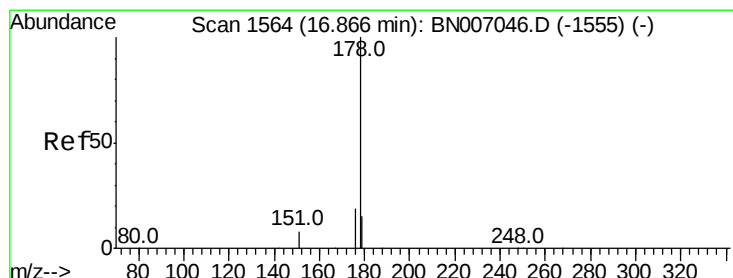
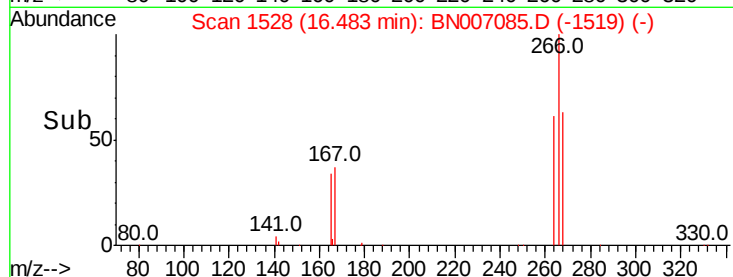
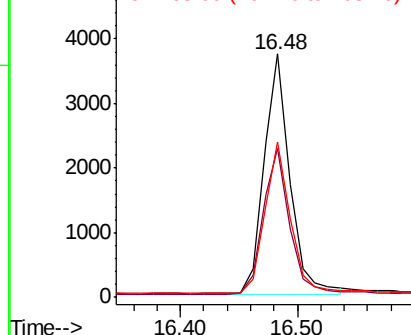
#21
 Pentachlorophenol
 Concen: 0.521 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007085.D
 Acq: 11 Aug 2019 14:02

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 5673
 Ion Ratio Lower Upper
 266 100
 264 61.1 52.3 78.5
 268 63.6 51.5 77.3

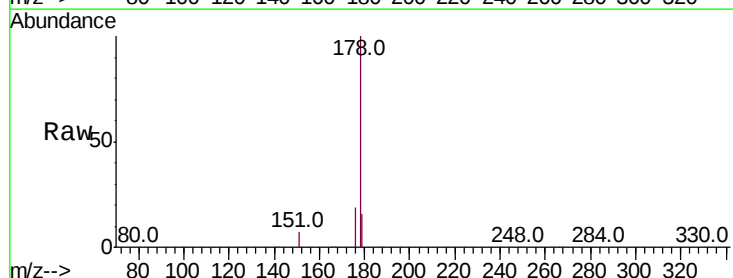


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

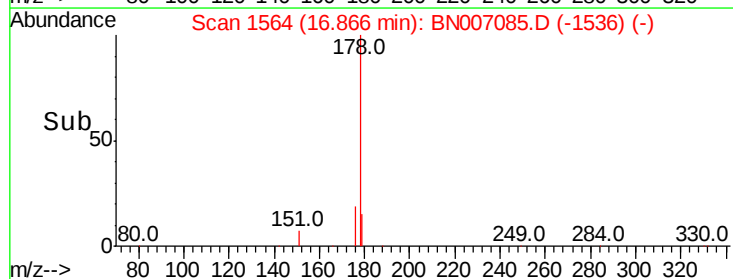
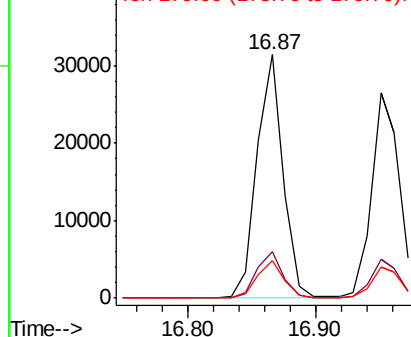


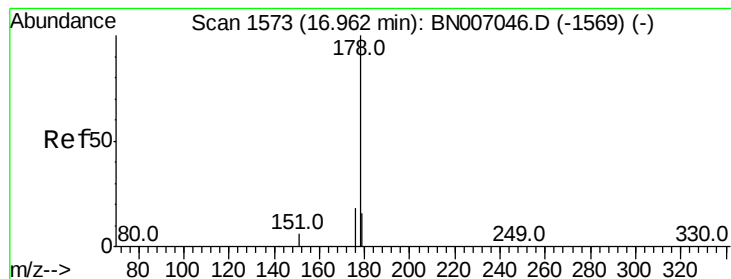
#22
 Phenanthrene
 Concen: 0.303 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007085.D
 Acq: 11 Aug 2019 14:02

Tgt Ion:178 Resp: 44568
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.5 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





#23

Anthracene

Concen: 0.299 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

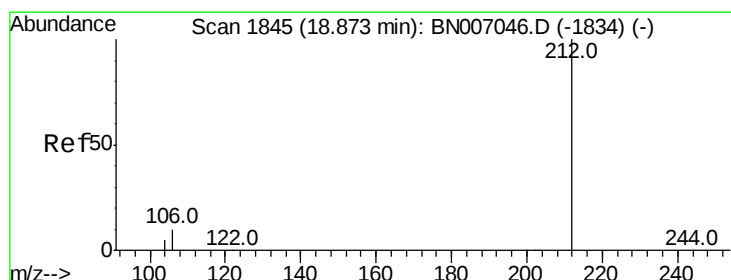
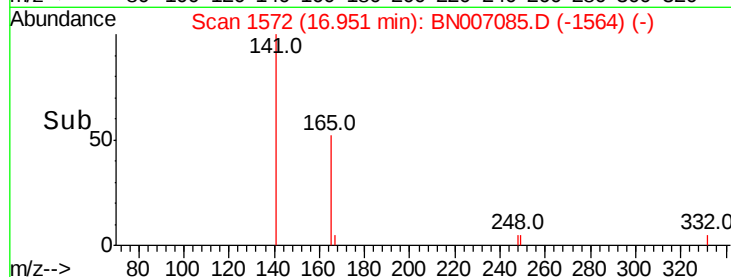
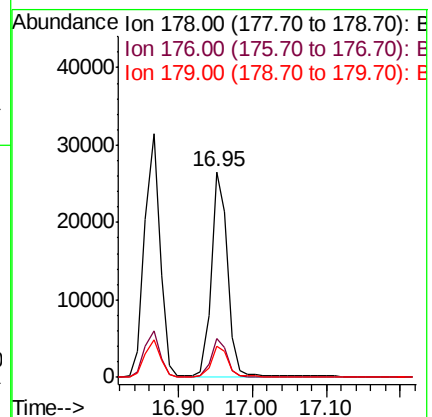
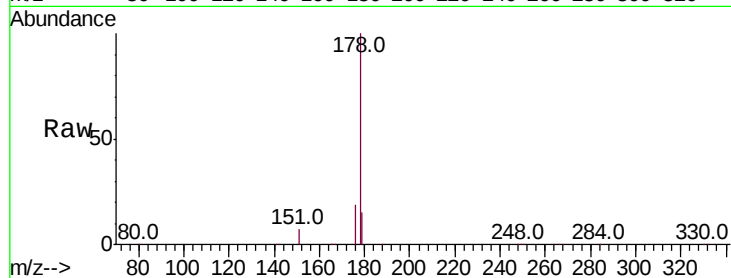
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 40153

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.5	12.5	18.7



#24

Fluoranthene-d10

Concen: 0.246 ng

RT: 18.87 min Scan# 1844

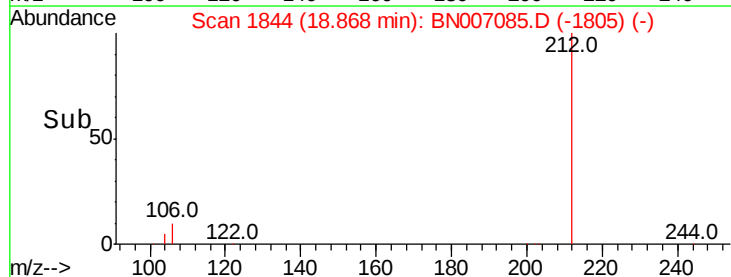
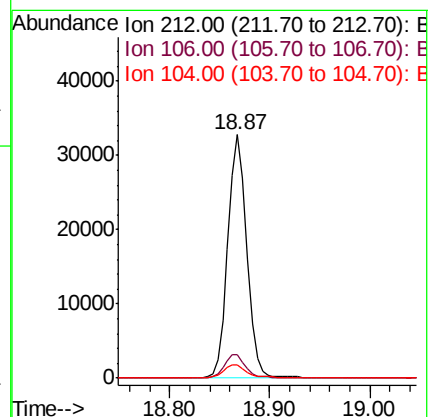
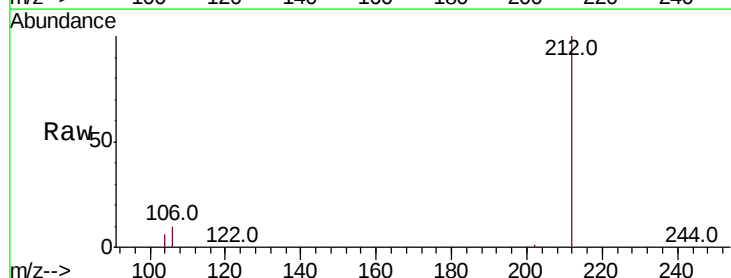
Delta R.T. -0.01 min

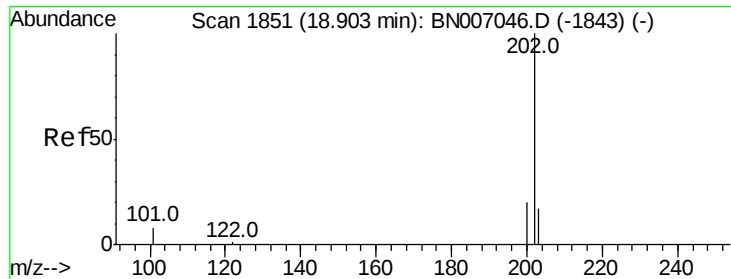
Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Tgt Ion:212 Resp: 42778

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.2	12.2
104	5.6	4.5	6.7





#25

Fluoranthene

Concen: 0.287 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampled :

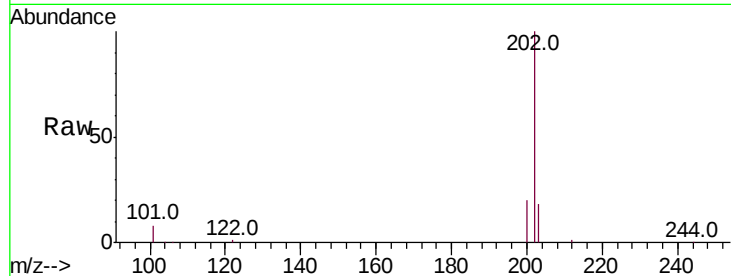
Tot Ion:202 Resp: 54012

Ion Ratio Lower Upper

202 100

101 8.7 7.0 10.4

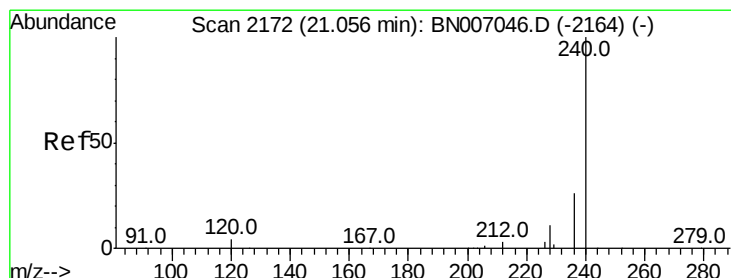
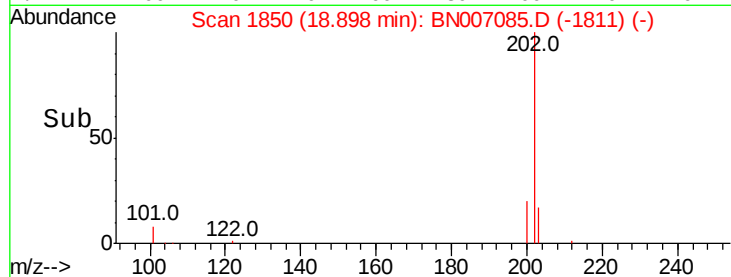
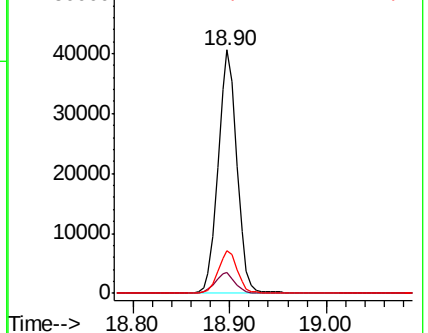
203 17.4 13.8 20.8



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: BN007085.D

Acq: 11 Aug 2019 14:02

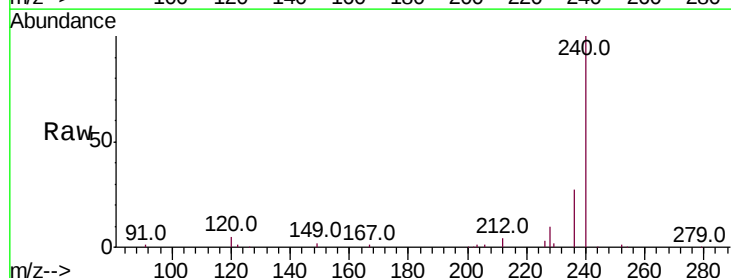
Tgt Ion:240 Resp: 51746

Ion Ratio Lower Upper

240 100

120 5.1 4.0 6.0

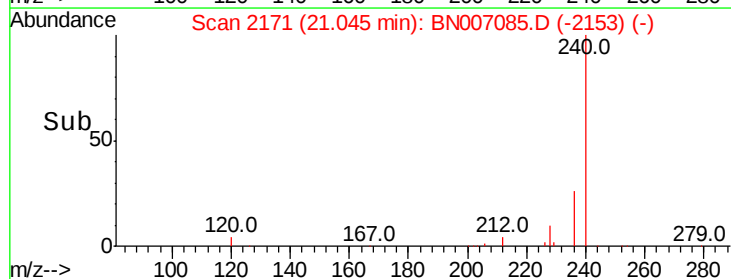
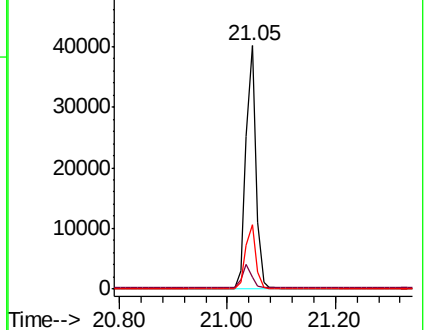
236 26.7 21.3 31.9

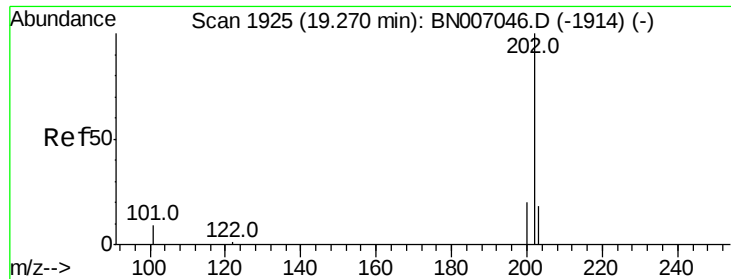


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

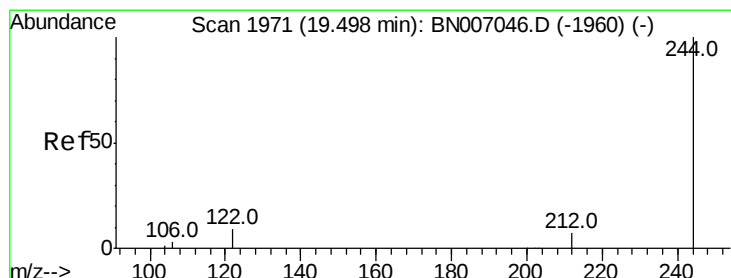
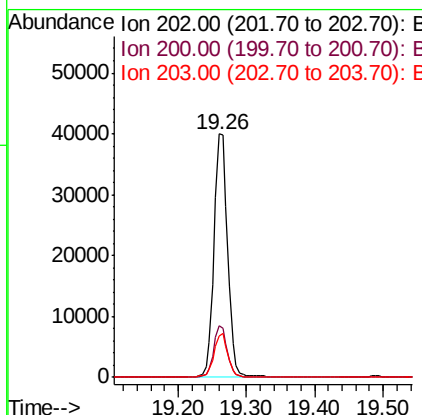
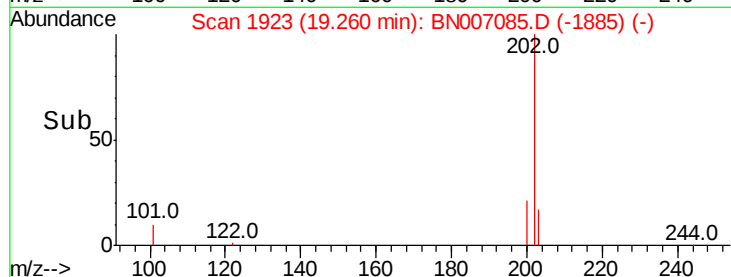
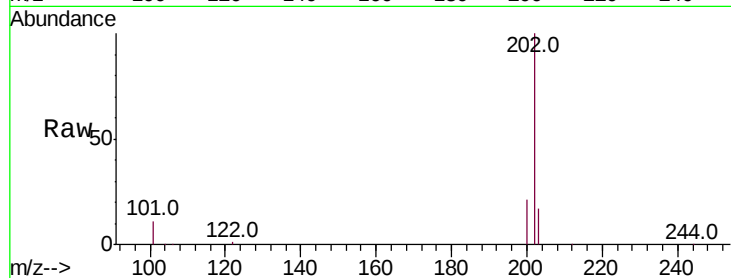




#27
Pvrene
Concen: 0.304 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007085.D
Acq: 11 Aug 2019 14:02

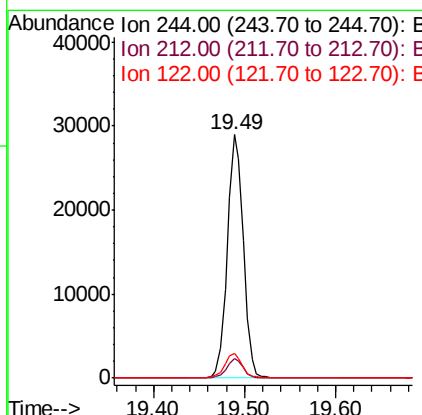
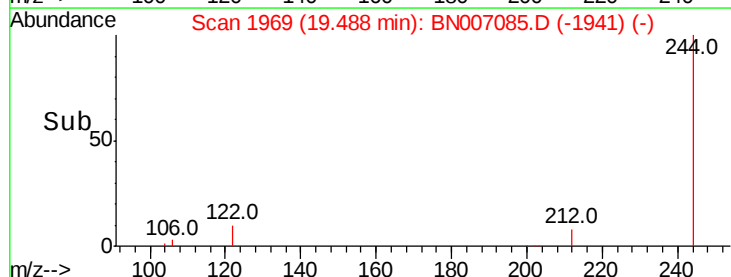
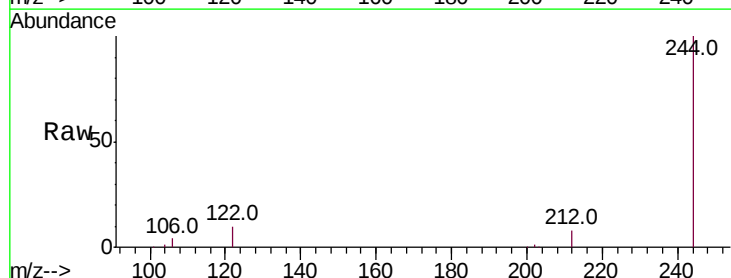
Instrument :
BNA_N
ClientSampleId :

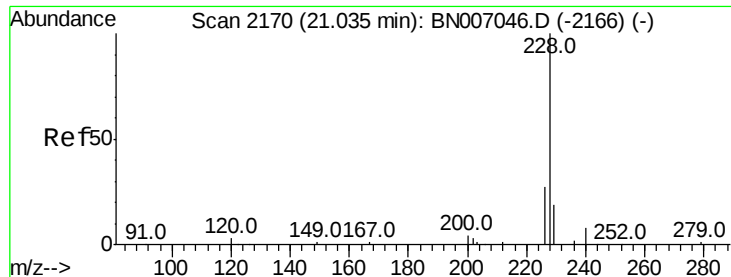
Tot Ion:202 Resp: 55123
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.8 14.0 21.0



#28
Terphenyl-d14
Concen: 0.249 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007085.D
Acq: 11 Aug 2019 14:02

Tgt Ion:244 Resp: 35115
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 10.0 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.293 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampleId :

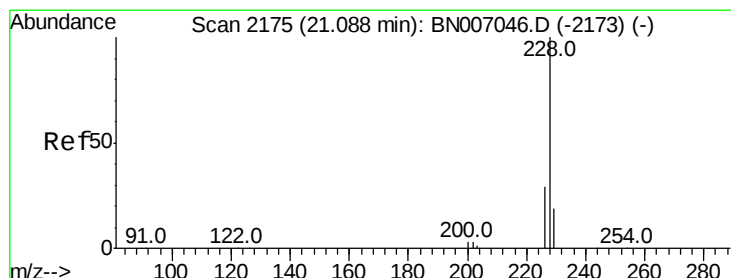
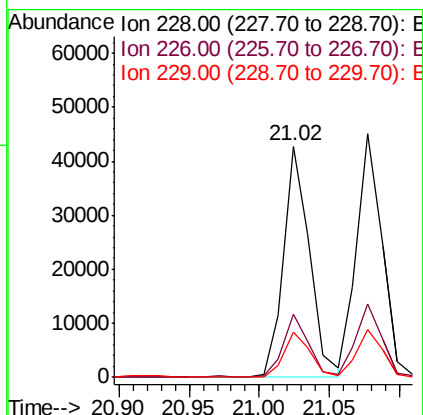
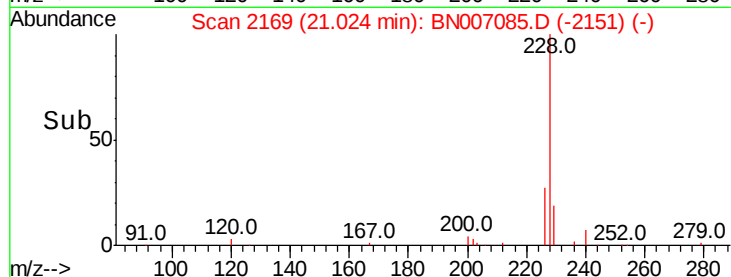
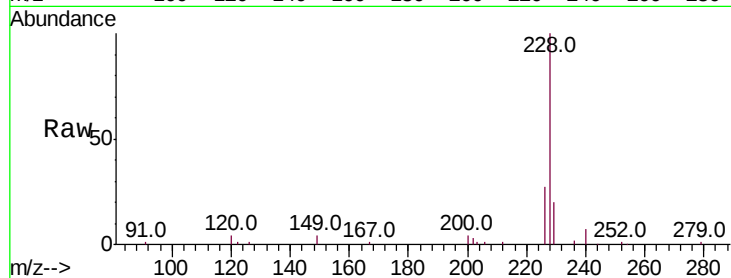
Tot Ion:228 Resp: 55354

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 19.5 15.6 23.4



#30

Chrysene

Concen: 0.307 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

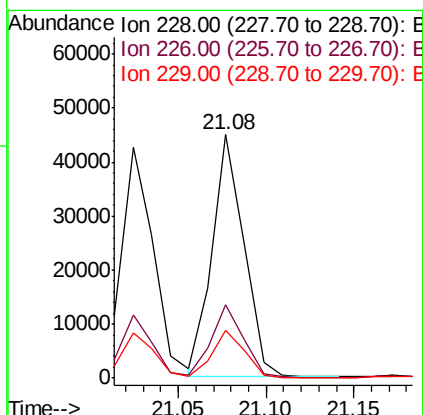
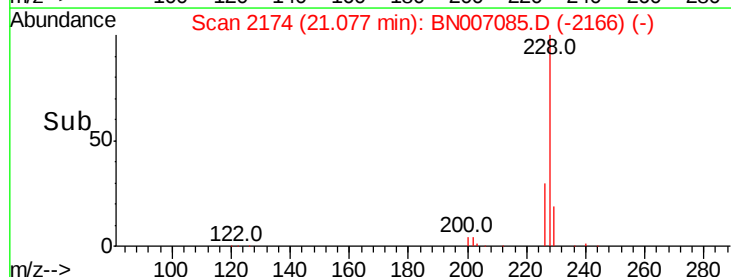
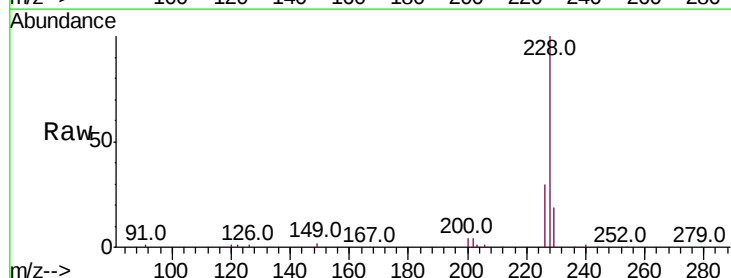
Tgt Ion:228 Resp: 56397

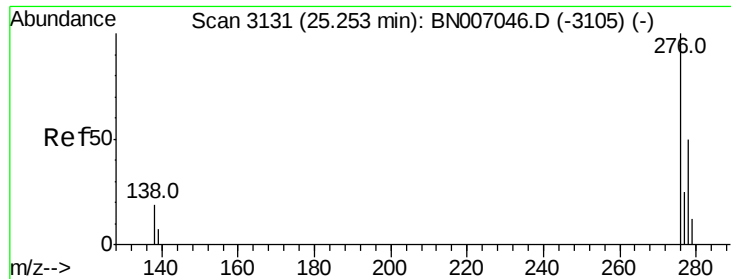
Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 19.5 15.7 23.5





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.318 ng

RT: 25.24 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampleId :

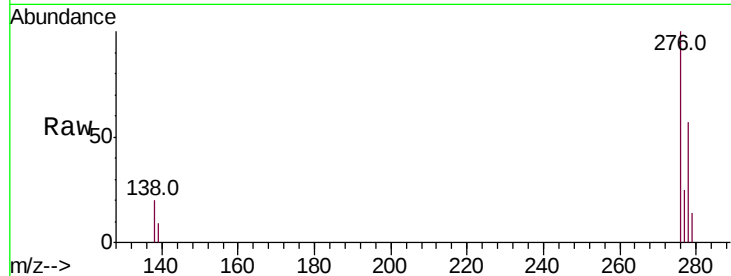
Tot Ion:276 Resp: 64369

Ion Ratio Lower Upper

276 100

138 20.1 16.0 24.0

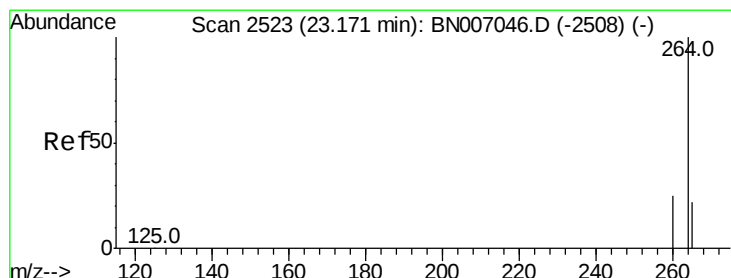
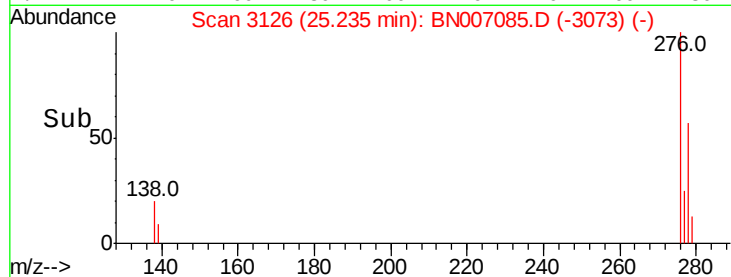
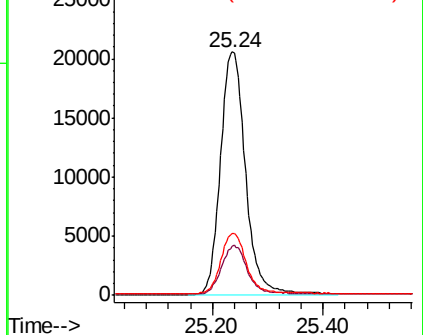
277 24.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.16 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

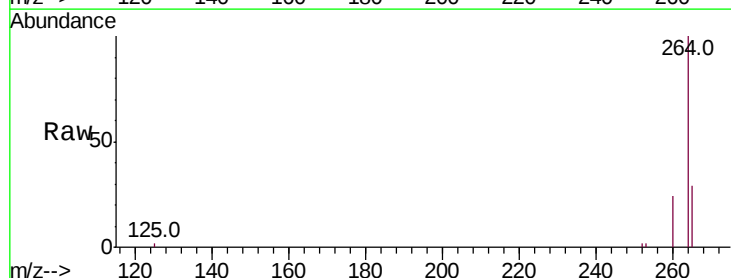
Tgt Ion:264 Resp: 53197

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

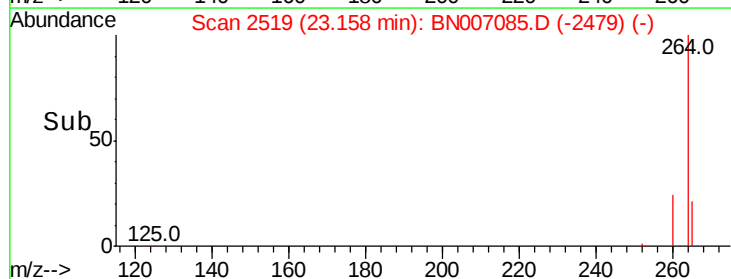
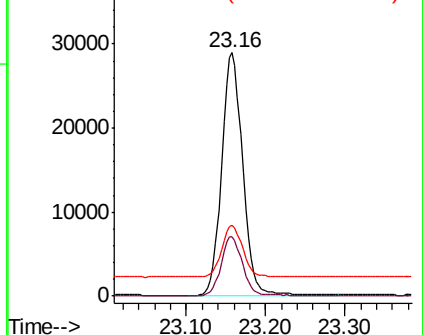
265 29.2 26.2 39.4

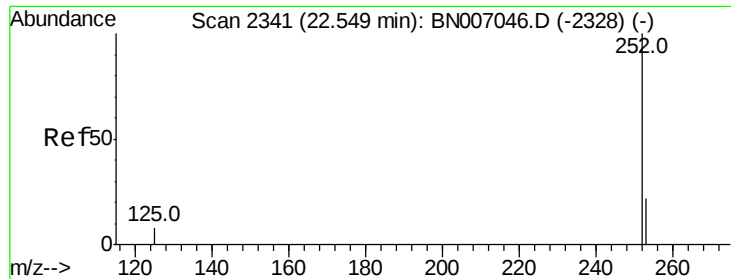


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.311 ng

RT: 22.54 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampleId :

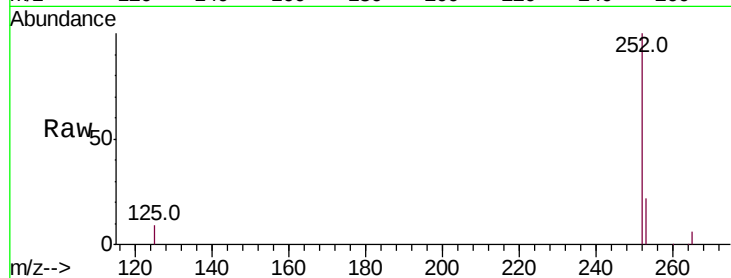
Tot Ion:252 Resp: 56648

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

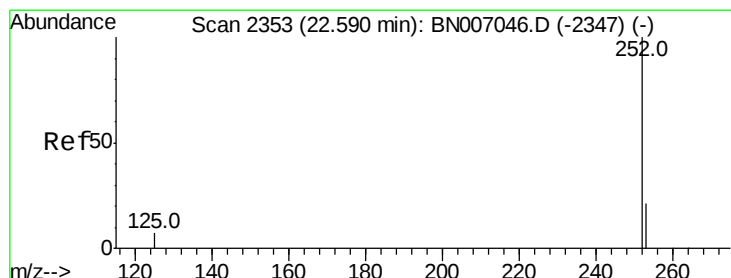
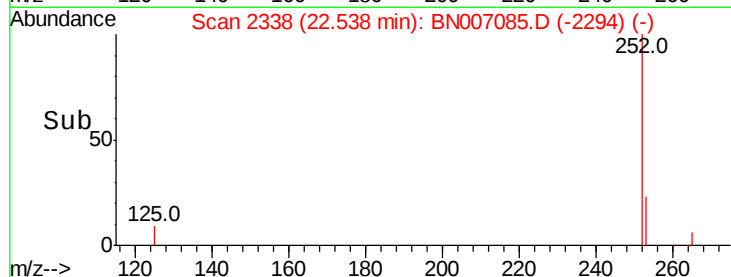
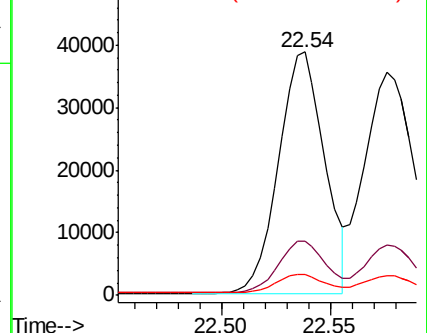
125 8.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.322 ng

RT: 22.58 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

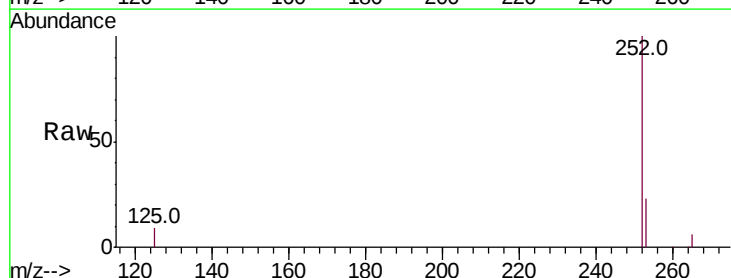
Tgt Ion:252 Resp: 58095

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

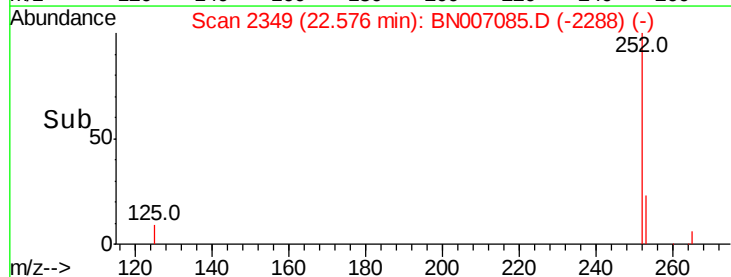
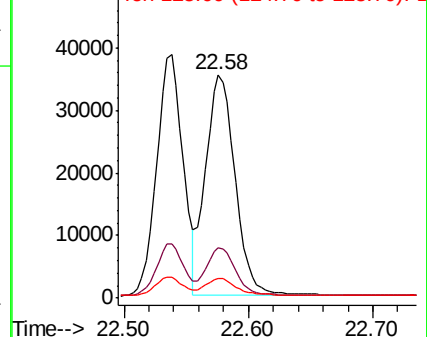
125 8.9 7.4 11.0

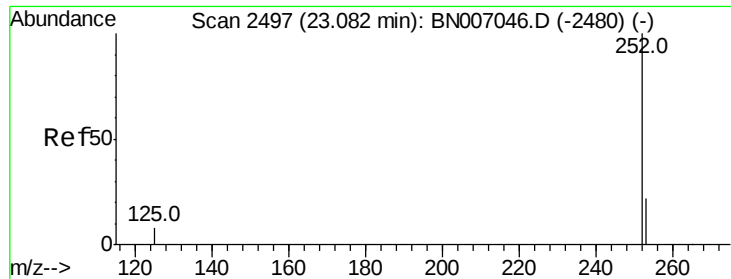


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.319 ng

RT: 23.07 min Scan# 2492

Delta R.T. -0.02 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampleId :

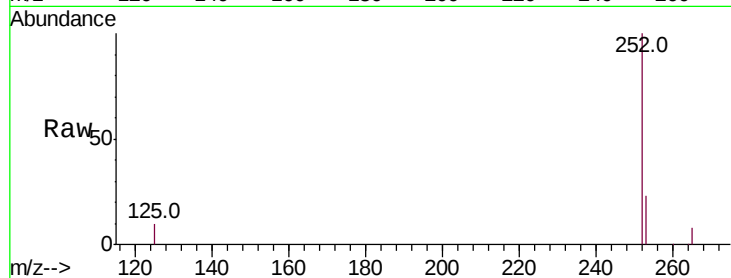
Tot Ion:252 Resp: 52774

Ion Ratio Lower Upper

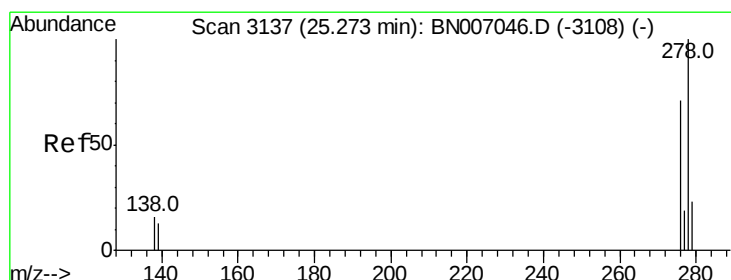
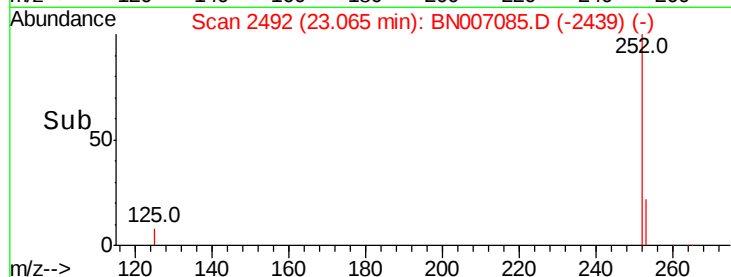
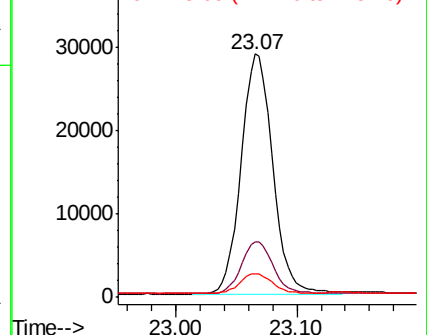
252 100

253 22.8 18.5 27.7

125 9.8 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.322 ng

RT: 25.25 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

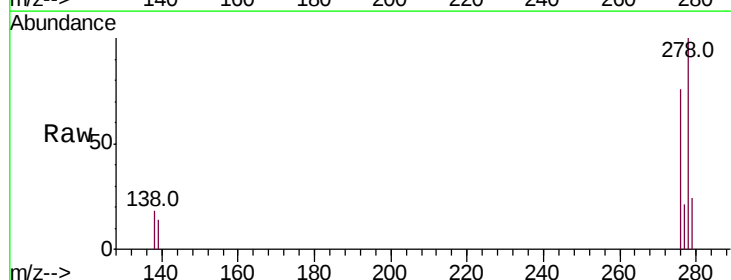
Tgt Ion:278 Resp: 53158

Ion Ratio Lower Upper

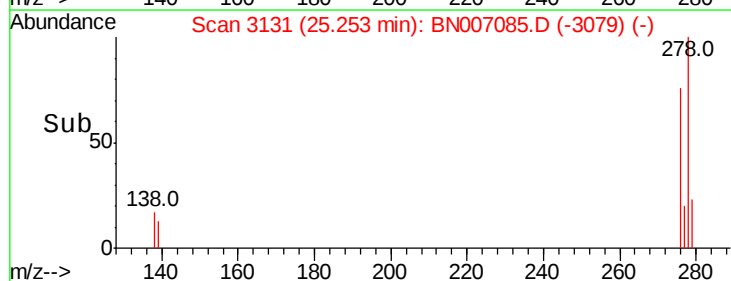
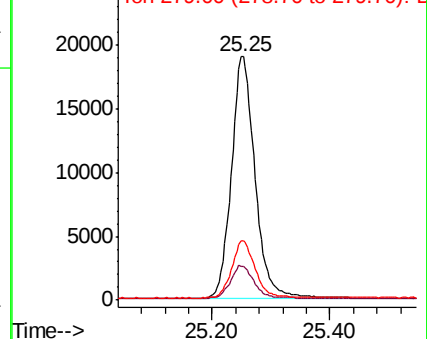
278 100

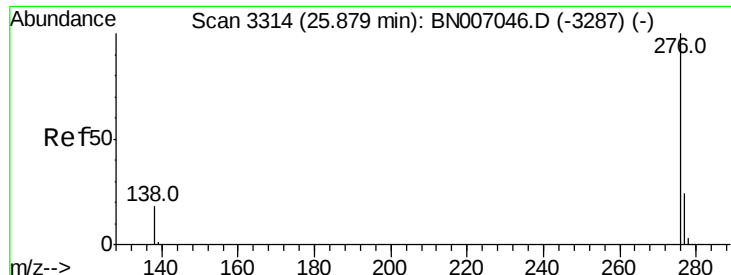
139 14.0 11.3 16.9

279 24.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 0.325 ng

RT: 25.86 min Scan# 3308

Delta R.T. -0.02 min

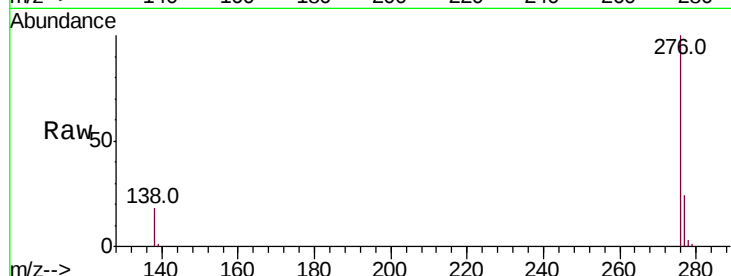
Lab File: BN007085.D

Acq: 11 Aug 2019 14:02

Instrument :

BNA_N

ClientSampleId :



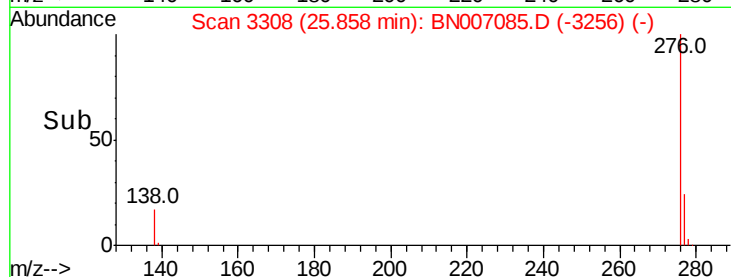
Tot Ion:276 Resp: 55208

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 17.9 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

