

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007094.D
 Acq On : 12 Aug 2019 12:54
 Operator : HP/JU
 Sample : PB122098BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 13 04:14:08 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	7687	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	27560	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	14835	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	35515	0.40	ng	0.00
26) Chrysene-d12	21.05	240	35764	0.40	ng	-0.01
32) Perylene-d12	23.16	264	32963	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	5592	0.30	ng	0.00
4) Phenol-d6	6.61	99	7082	0.31	ng	0.00
7) Nitrobenzene-d5	8.56	82	5715	0.26	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	19557	0.38	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1420	0.18	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	4067	0.19	ng	0.00
24) Fluoranthene-d10	18.87	212	36795	0.29	ng	0.00
28) Terphenyl-d14	19.49	244	29691	0.30	ng	-0.01

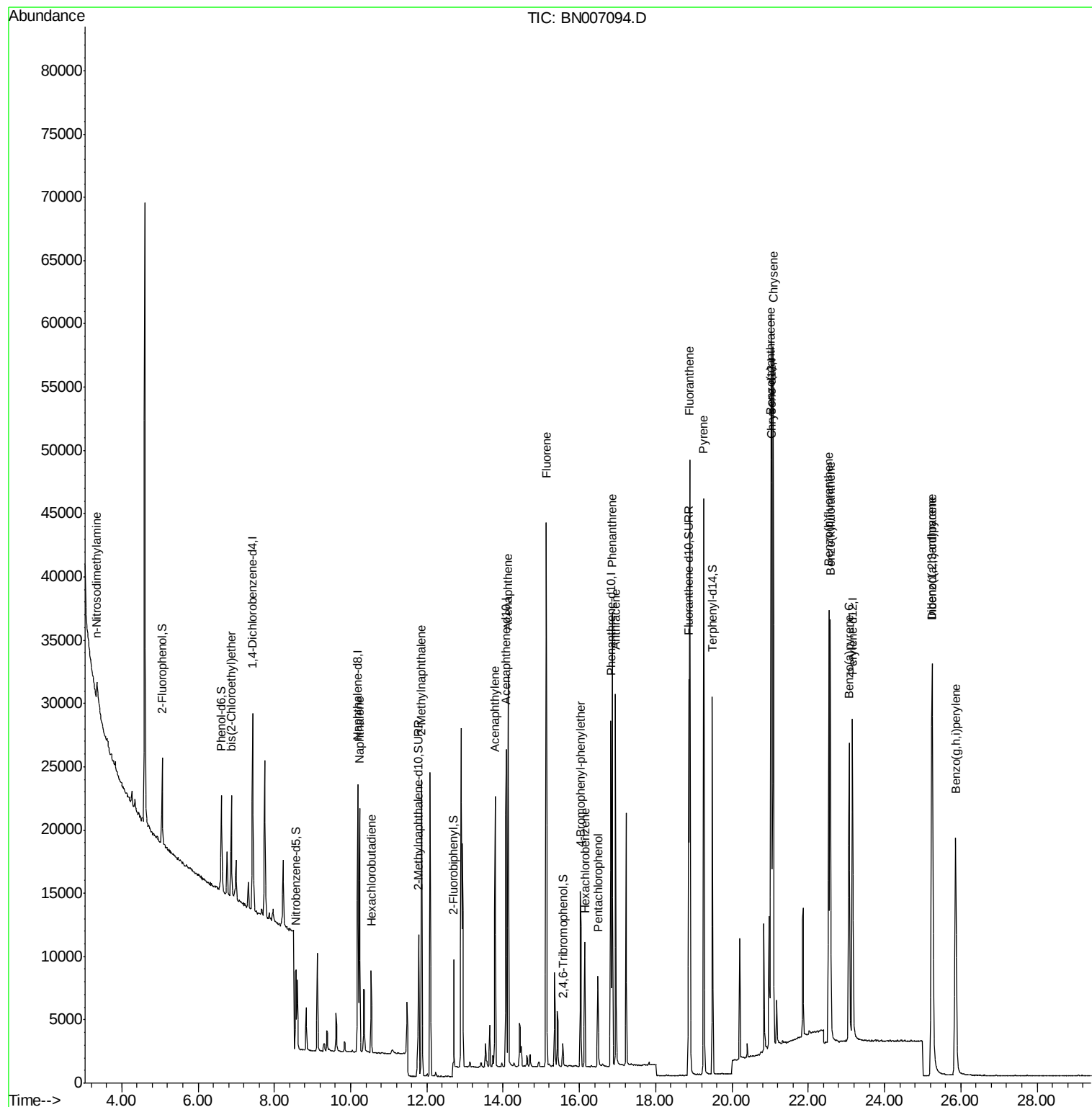
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	1466	0.290	ng	# 85
5) bis(2-Chloroethyl)ether	6.87	93	6713	0.332	ng	98
8) Naphthalene	10.24	128	25074	0.324	ng	99
9) Hexachlorobutadiene	10.54	225	5156	0.313	ng	# 99
11) 2-Methylnaphthalene	11.86	142	17522	0.320	ng	98
15) Acenaphthylene	13.79	152	23515	0.303	ng	100
16) Acenaphthene	14.13	154	15729	0.317	ng	99
17) Fluorene	15.14	166	19984	0.269	ng	100
19) 4-Bromophenyl-phenylether	16.03	248	7424	0.338	ng	# 83
20) Hexachlorobenzene	16.14	284	7593	0.359	ng	100
21) Pentachlorophenol	16.48	266	3738	0.475	ng	97
22) Phenanthrene	16.87	178	36412	0.342	ng	100
23) Anthracene	16.95	178	30683	0.316	ng	100
25) Fluoranthene	18.90	202	43010	0.316	ng	99
27) Pyrene	19.26	202	42645	0.340	ng	99
29) Benzo(a)anthracene	21.02	228	39975	0.306	ng	99
30) Chrysene	21.08	228	45359	0.357	ng	99
31) Indeno(1,2,3-cd)pyrene	25.24	276	44285	0.316	ng	100
33) Benzo(b)fluoranthene	22.54	252	41434	0.367	ng	100
34) Benzo(k)fluoranthene	22.58	252	42916	0.384	ng	99
35) Benzo(a)pyrene	23.07	252	35242	0.344	ng	100
36) Dibenzo(a,h)anthracene	25.26	278	36715	0.359	ng	99
37) Benzo(g,h,i)perylene	25.87	276	39849	0.379	ng	99

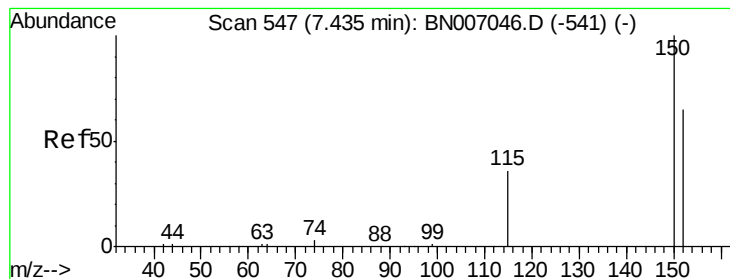
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
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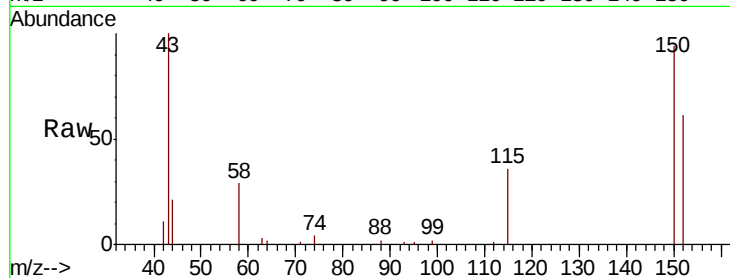


#1

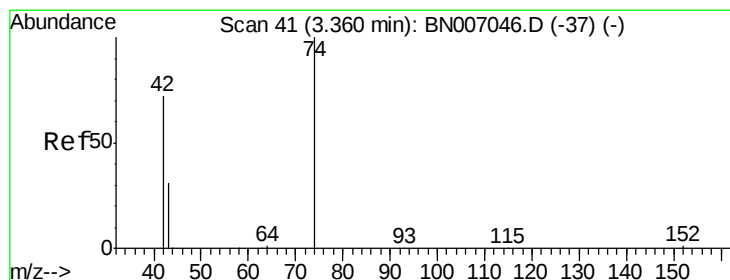
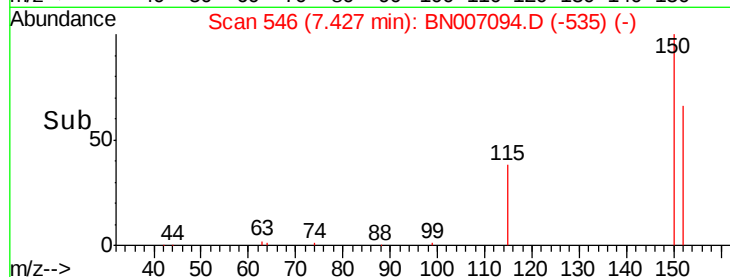
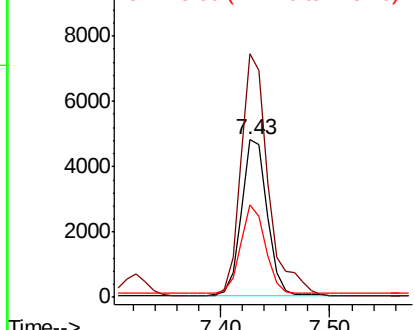
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007094.D
Acq: 12 Aug 2019 12:54

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 7687
Ion Ratio Lower Upper
152 100
150 154.5 121.7 182.5
115 58.7 46.2 69.4



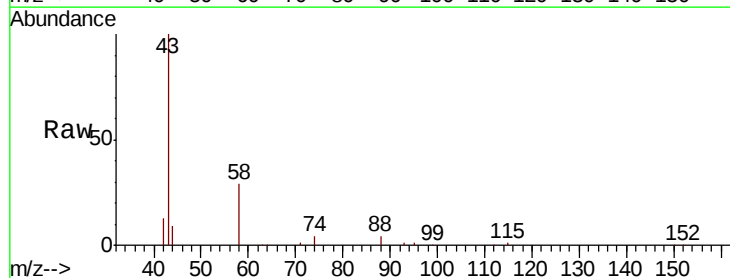
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



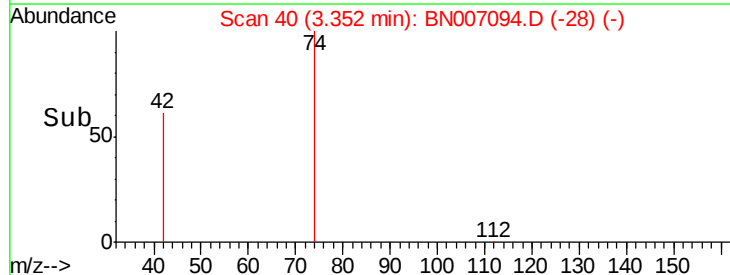
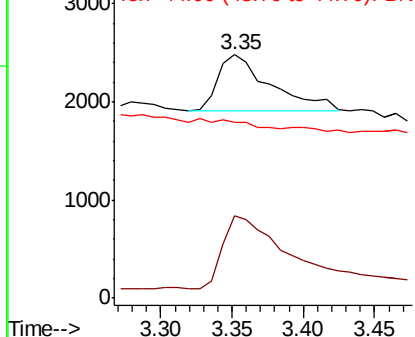
#2

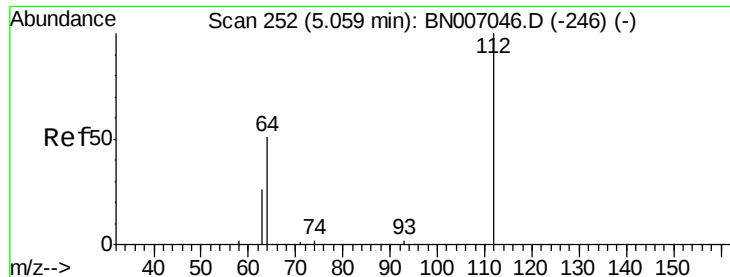
n-Nitrosodimethylamine
Concen: 0.290 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007094.D
Acq: 12 Aug 2019 12:54

Tgt Ion: 42 Resp: 1466
Ion Ratio Lower Upper
42 100
74 156.8 110.6 166.0
44 0.0 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: 0.303 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

Instrument :

BNA_N

ClientSampled :

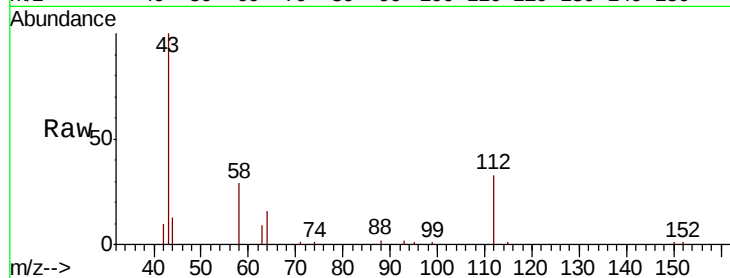
Tot Ion:112 Resp: 5592

Ion Ratio Lower Upper

112 100

64 51.9 42.6 63.8

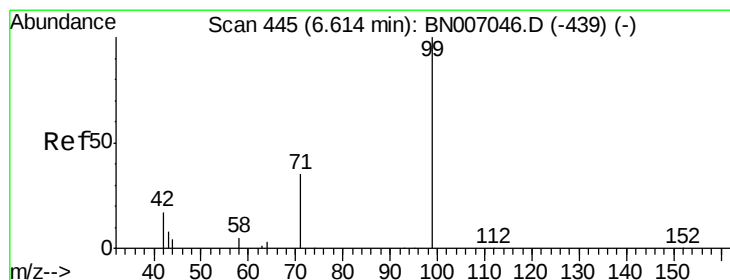
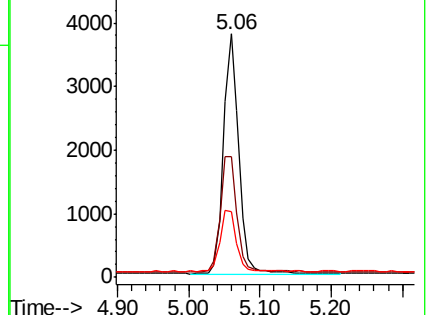
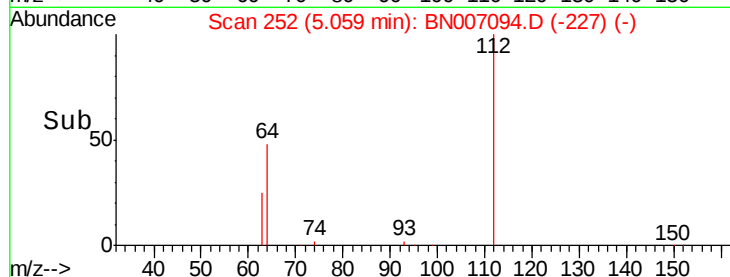
63 28.1 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#4

Phenol-d6

Concen: 0.310 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

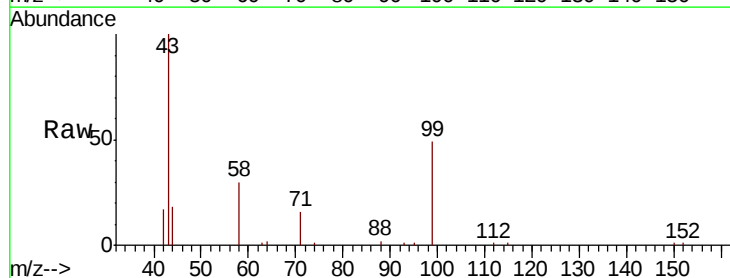
Tgt Ion: 99 Resp: 7082

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

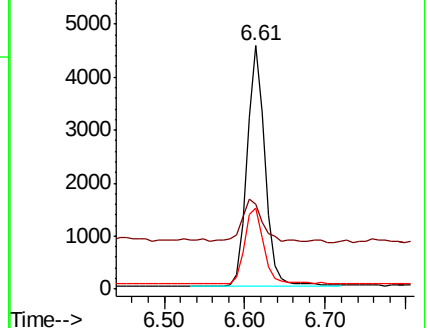
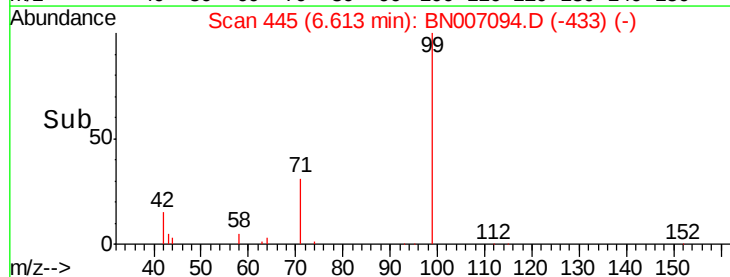
71 33.6 27.0 40.4

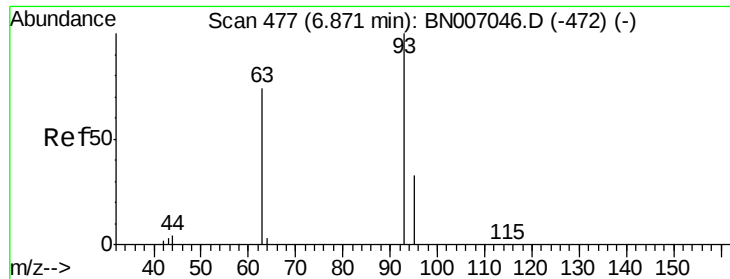


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



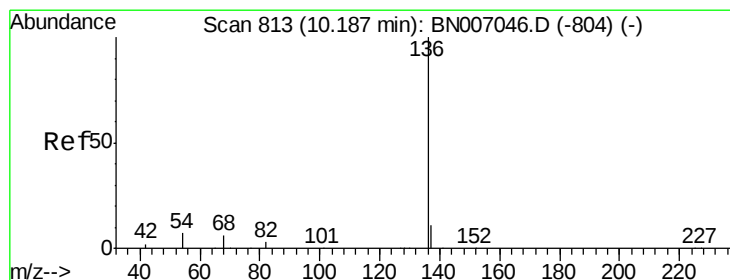
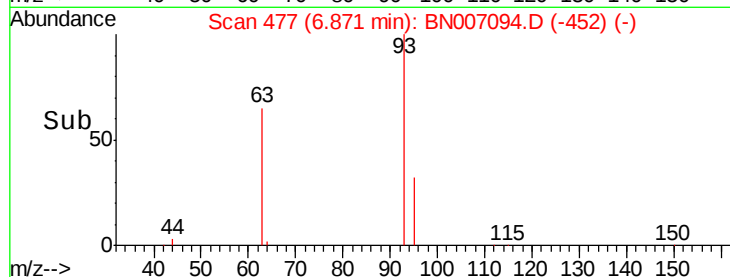
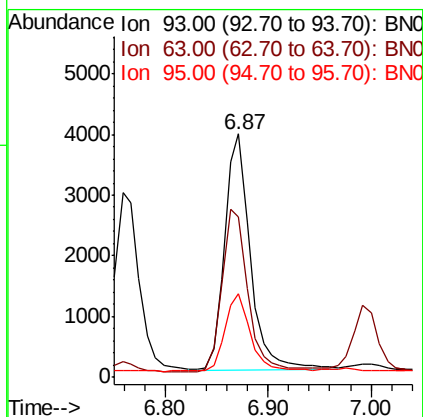
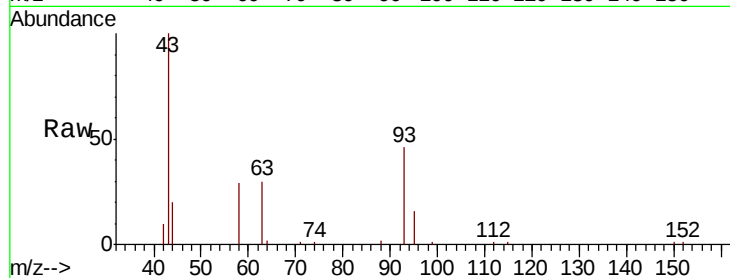


#5

bis(2-Chloroethyl)ether
 Concen: 0.332 ng
 RT: 6.87 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BN007094.D
 Acq: 12 Aug 2019 12:54

Instrument :
 BNA_N
 ClientSampleId :

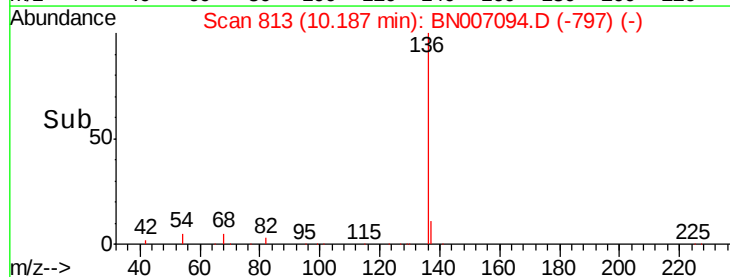
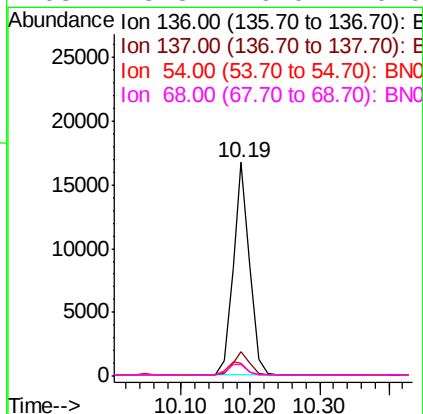
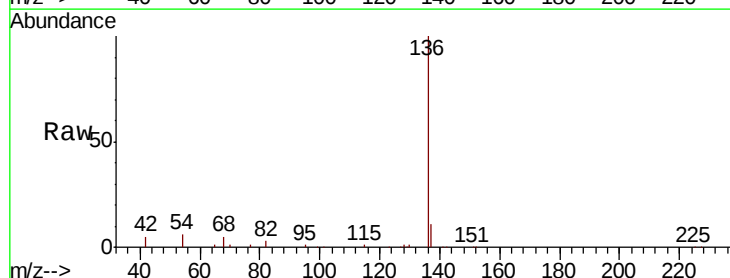
Tot Ion: 93 Resp: 6713
 Ion Ratio Lower Upper
 93 100
 63 71.2 55.6 83.4
 95 32.8 26.7 40.1

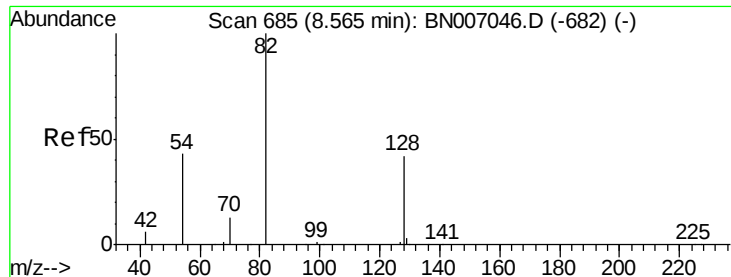


#6

Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.19 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BN007094.D
 Acq: 12 Aug 2019 12:54

Tgt Ion: 136 Resp: 27560
 Ion Ratio Lower Upper
 136 100
 137 11.1 9.4 14.0
 54 5.8 6.6 9.8#
 68 5.3 6.0 9.0#





#7

Nitrobenzene-d5

Concen: 0.257 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

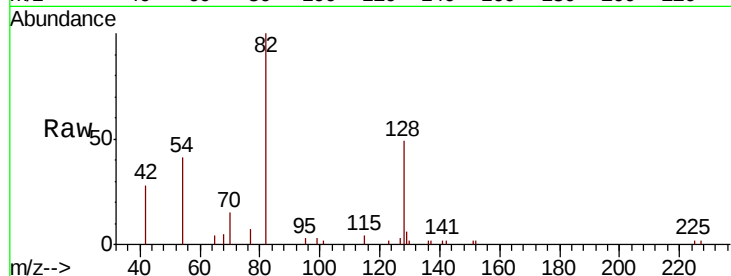
Tot Ion: 82 Resp: 5715

Ion Ratio Lower Upper

82 100

128 49.3 34.6 51.8

54 40.6 36.2 54.4



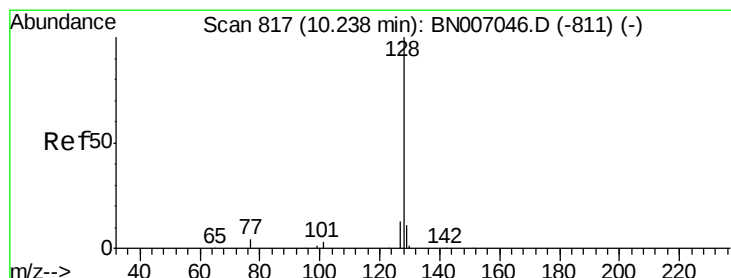
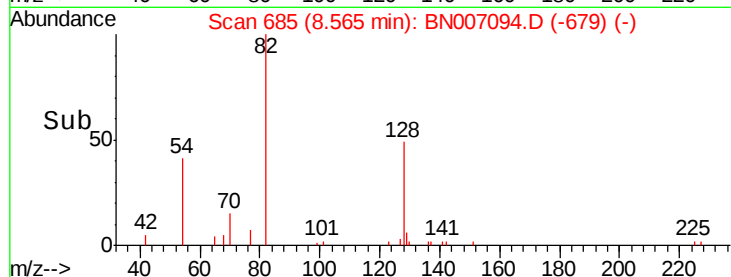
Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

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-->



#8

Naphthalene

Concen: 0.324 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

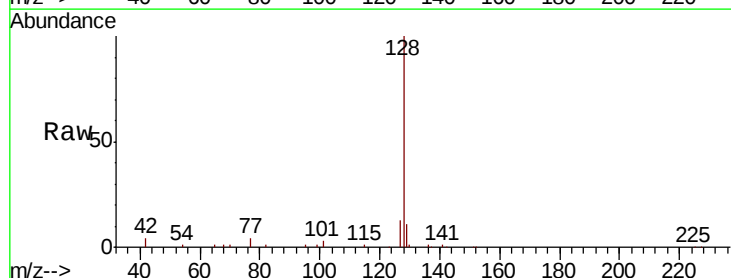
Tgt Ion: 128 Resp: 25074

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

127 13.2 11.0 16.6



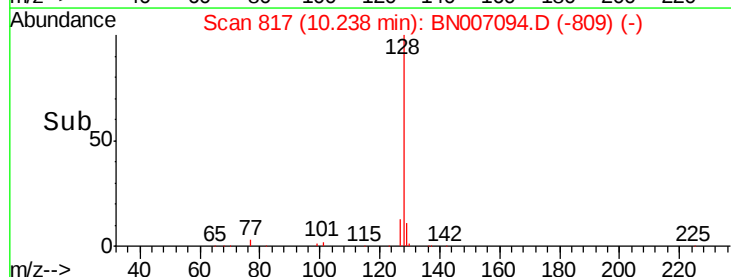
Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

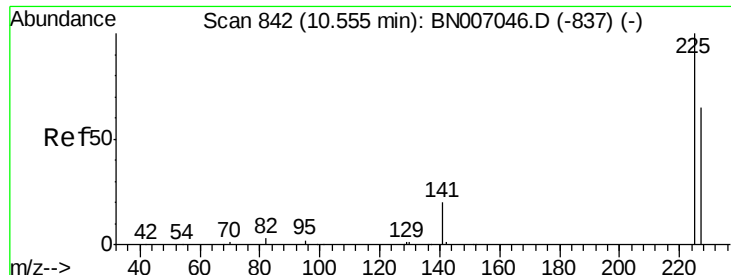
Ion 129.00 (128.70 to 129.70): BN007046.D (-811) (-)

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

10.24

Time-->





#9

Hexachlorobutadiene

Concen: 0.313 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

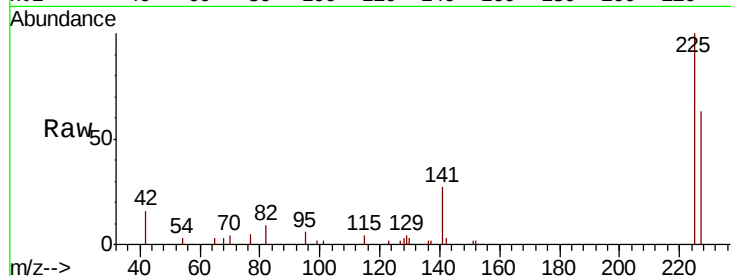
Tot Ion:225 Resp: 5156

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

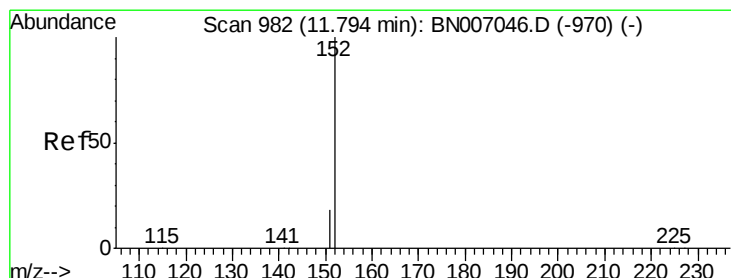
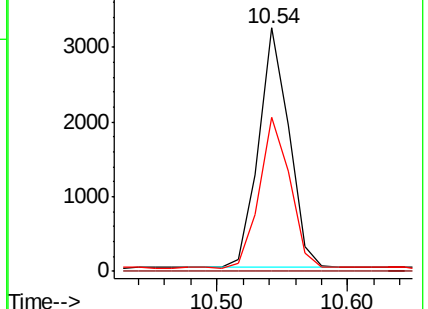
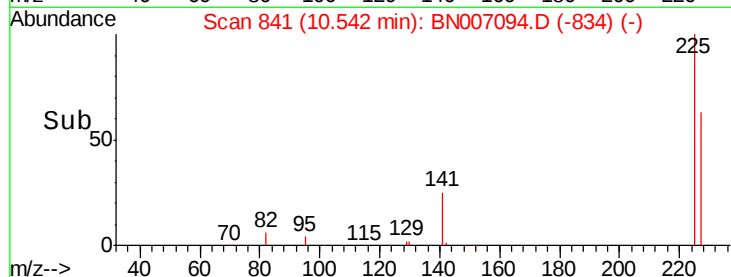
227 63.3 51.1 76.7



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: 0.381 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007094.D

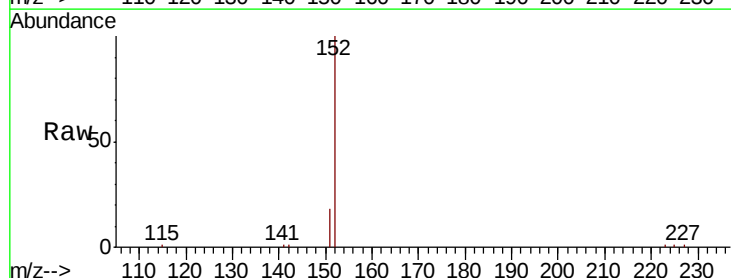
Acq: 12 Aug 2019 12:54

Tgt Ion:152 Resp: 19557

Ion Ratio Lower Upper

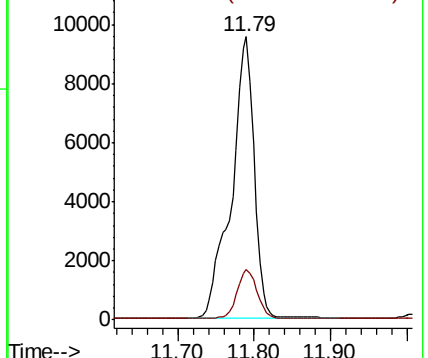
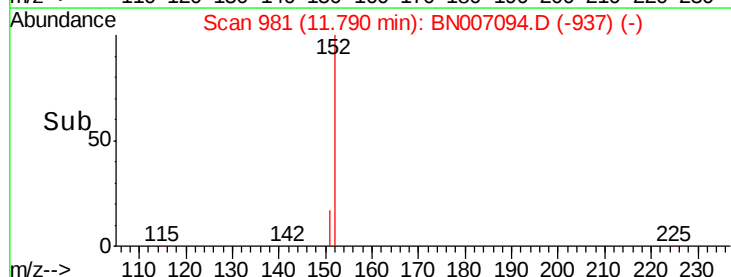
152 100

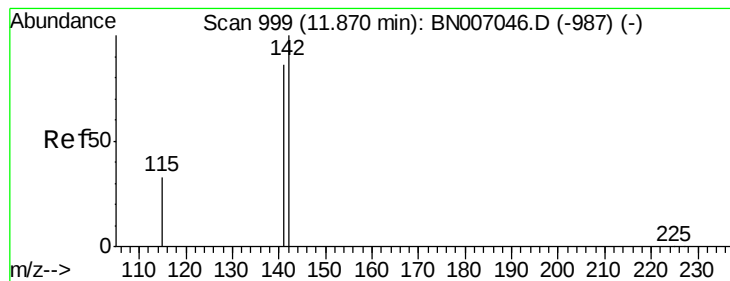
151 15.1 15.5 23.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.320 ng

RT: 11.86 min Scan# 997

Delta R.T. -0.01 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

Instrument :

BNA_N

ClientSampled :

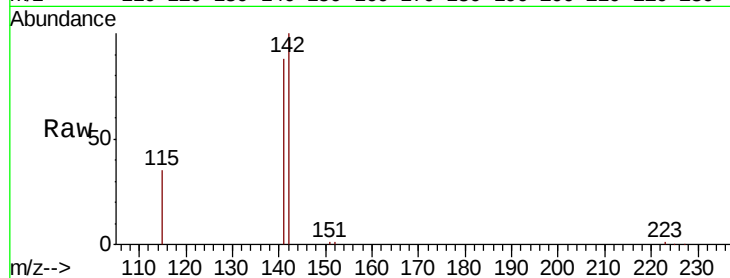
Tot Ion:142 Resp: 17522

Ion Ratio Lower Upper

142 100

141 88.1 69.0 103.6

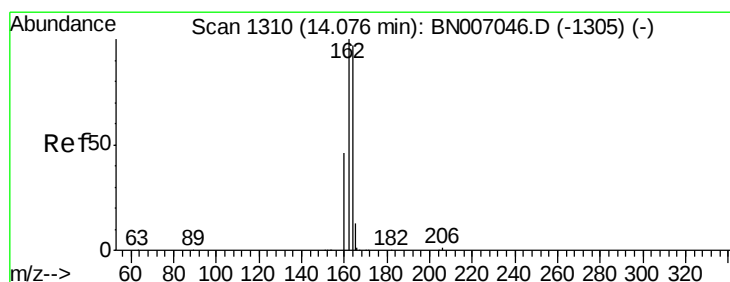
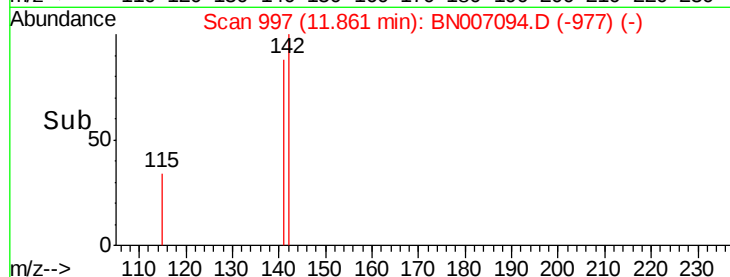
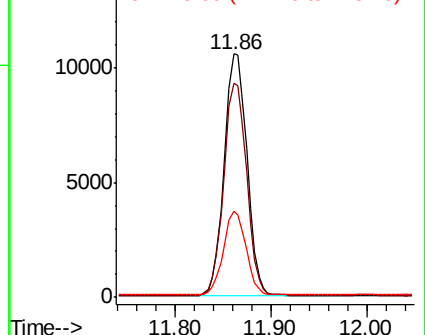
115 35.2 27.1 40.7



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: BN007094.D

Acq: 12 Aug 2019 12:54

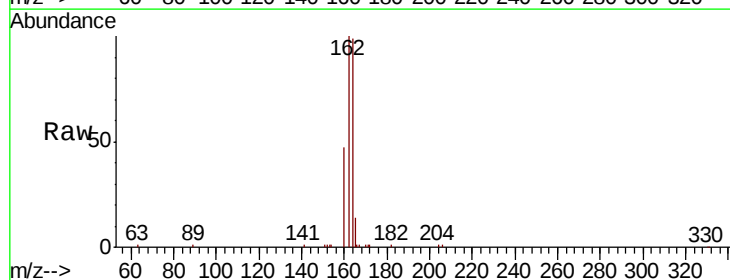
Tgt Ion:164 Resp: 14835

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.4

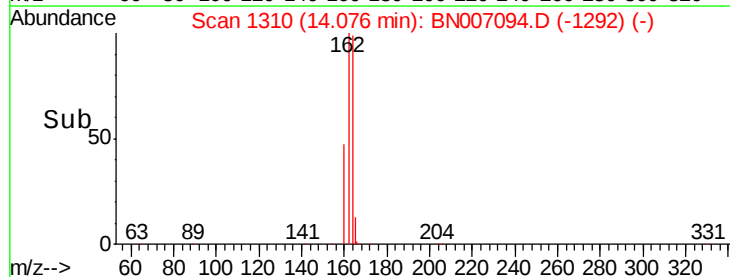
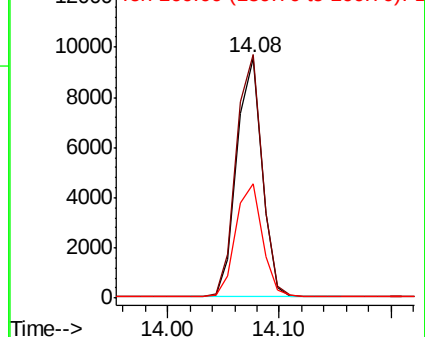
160 47.8 38.3 57.5

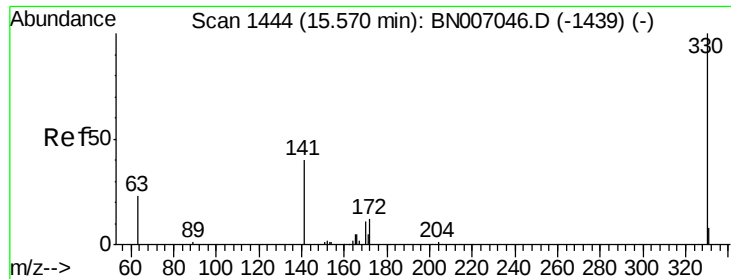


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

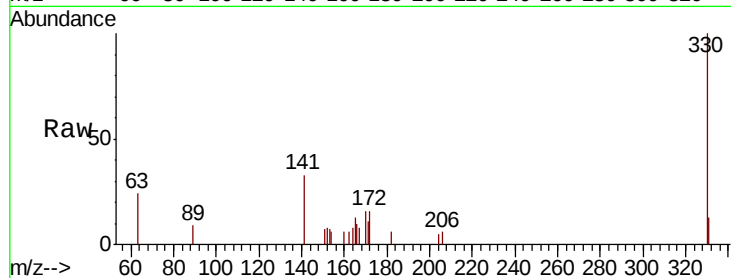




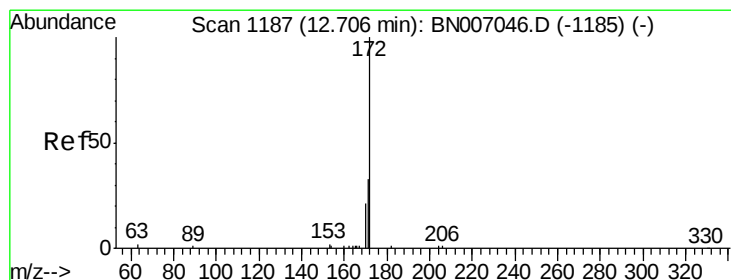
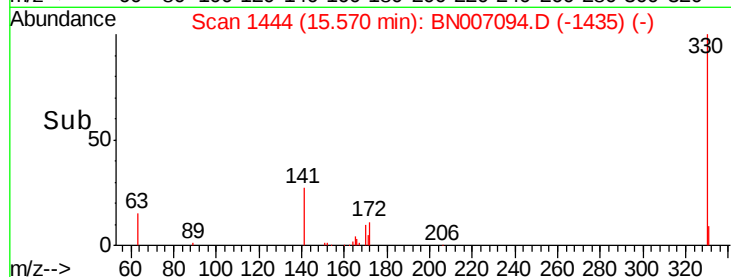
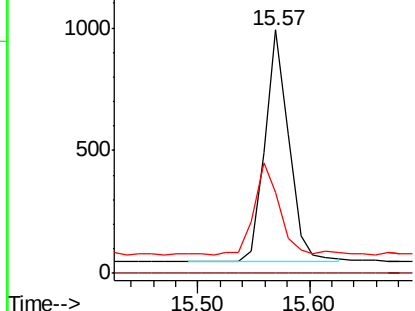
#13
 2,4,6-Tribromophenol
 Concen: 0.178 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007094.D
 Acq: 12 Aug 2019 12:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1420
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 42.0 33.6 50.4

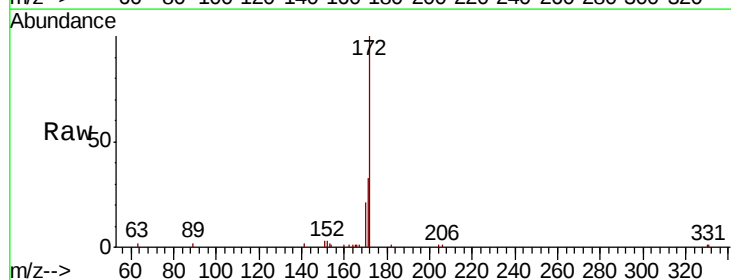


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

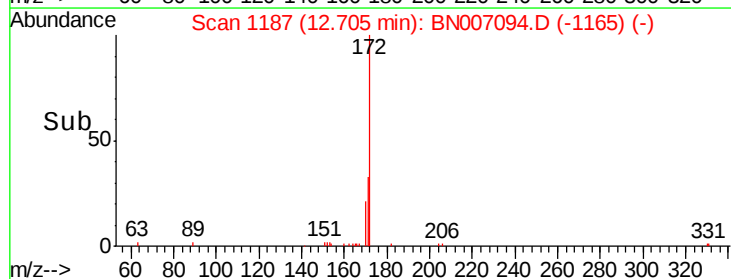
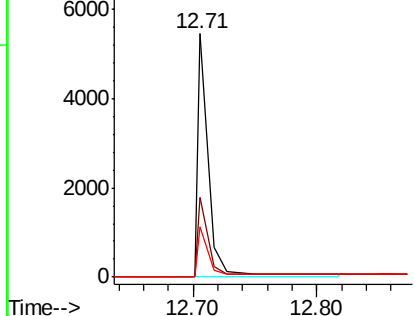


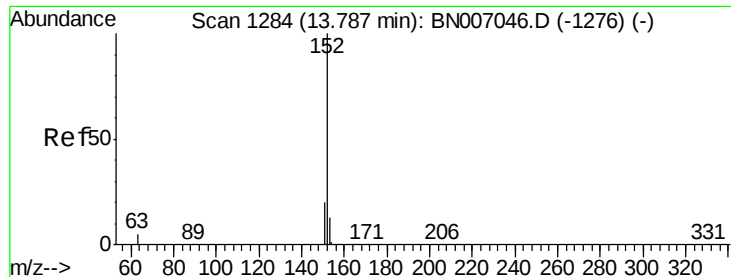
#14
 2-Fluorobiphenyl
 Concen: 0.189 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007094.D
 Acq: 12 Aug 2019 12:54

Tgt Ion:172 Resp: 4067
 Ion Ratio Lower Upper
 172 100
 171 32.8 26.3 39.5
 170 20.7 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: 0.303 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

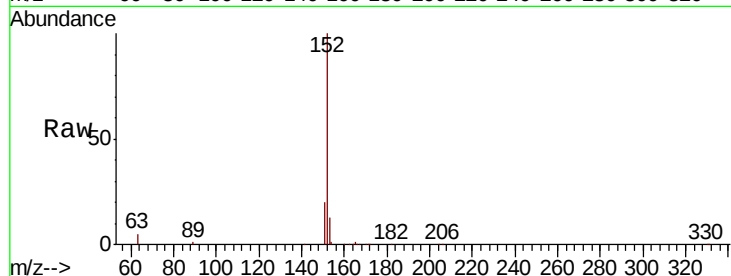
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 23515

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.2	10.4	15.6

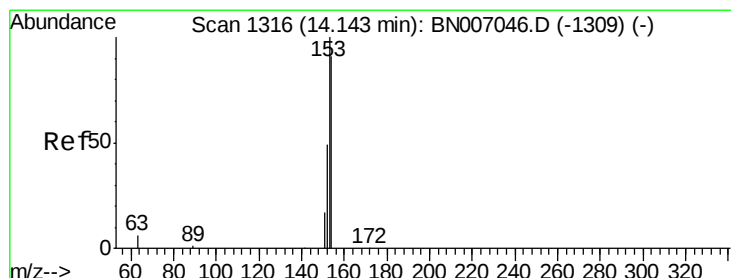
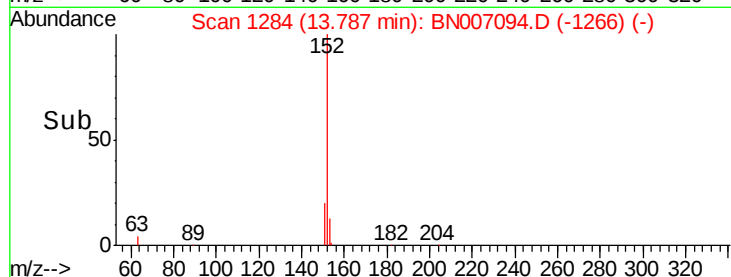
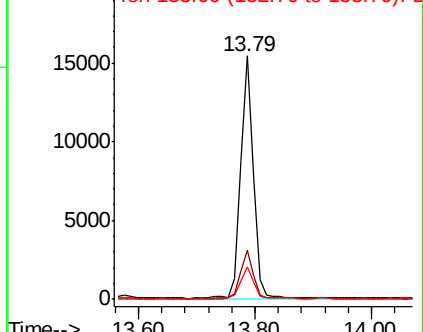


Abundance

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: 0.317 ng

RT: 14.13 min Scan# 1315

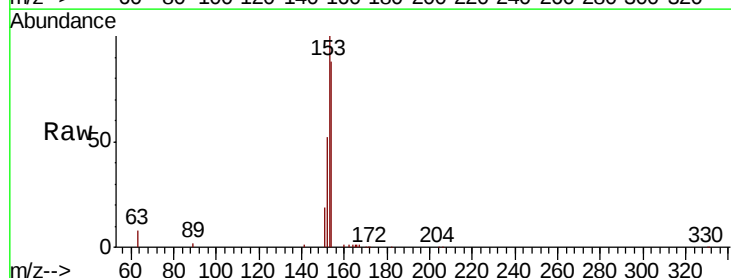
Delta R.T. -0.01 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

Tgt Ion:154 Resp: 15729

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.5	134.3
152	57.4	44.8	67.2

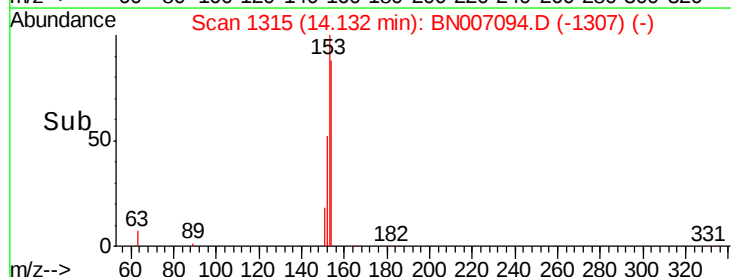
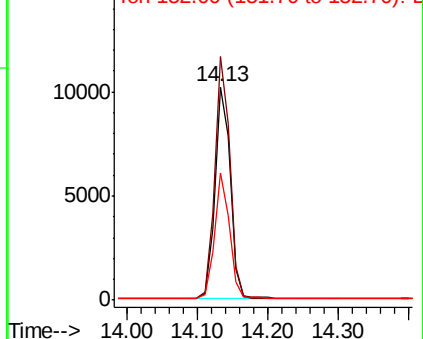


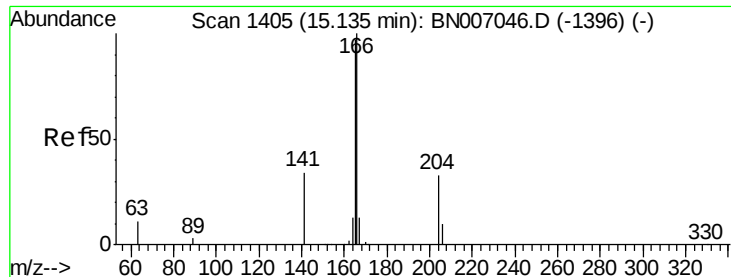
Abundance

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

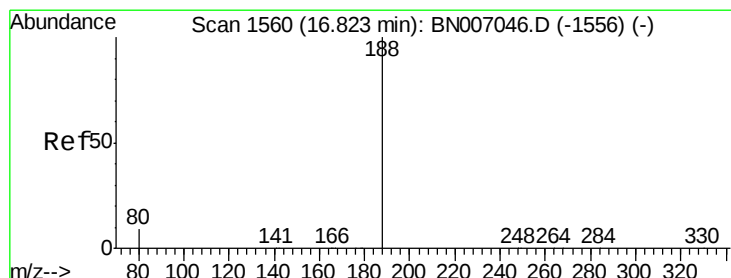
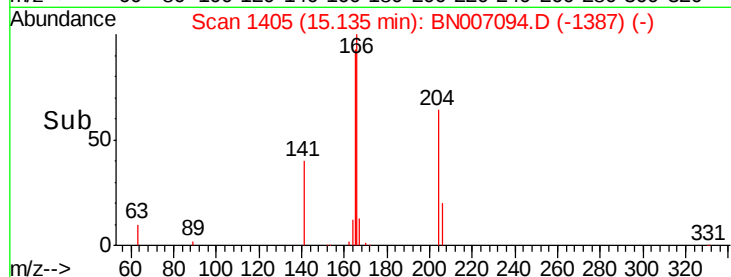
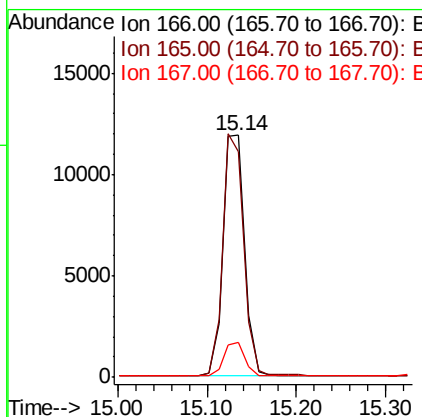
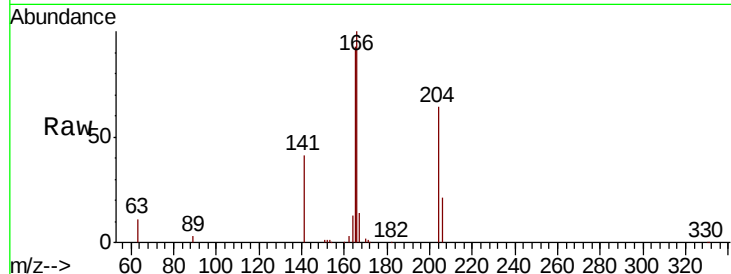




#17
 Fluorene
 Concen: 0.269 ng
 RT: 15.14 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007094.D
 Acq: 12 Aug 2019 12:54

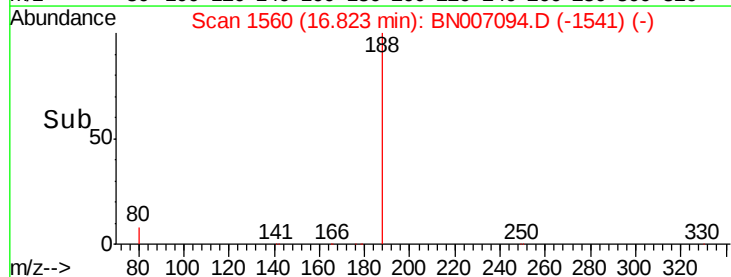
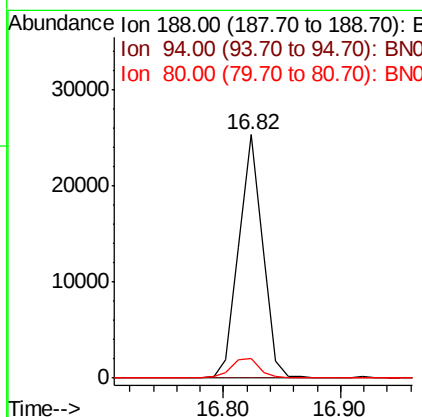
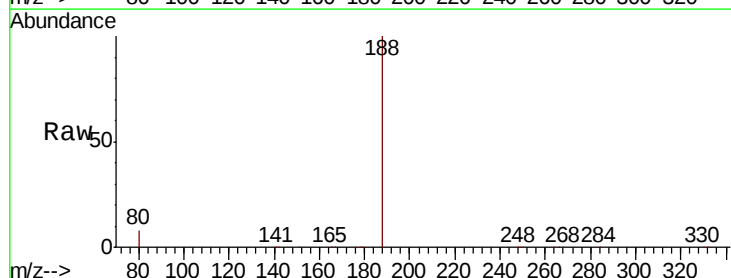
Instrument :
 BNA_N
 ClientSampleId :

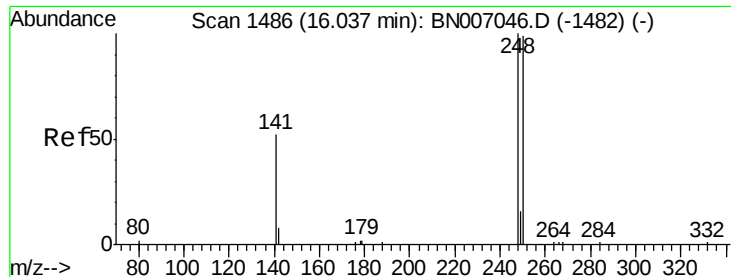
Tot Ion:166 Resp: 19984
 Ion Ratio Lower Upper
 166 100
 165 97.5 77.9 116.9
 167 13.6 10.9 16.3



#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007094.D
 Acq: 12 Aug 2019 12:54

Tgt Ion:188 Resp: 35515
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.9 7.8 11.6

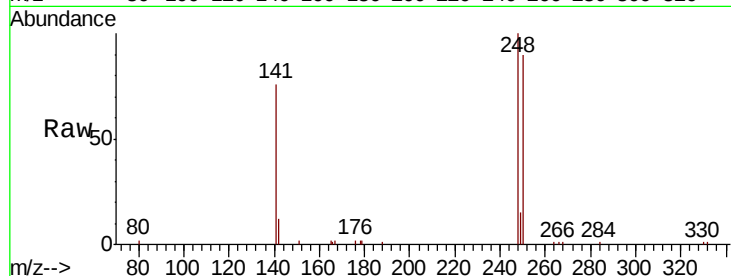




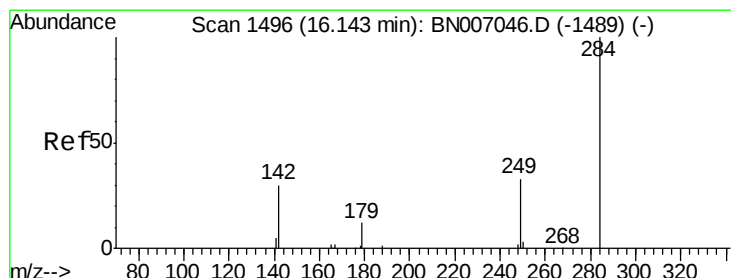
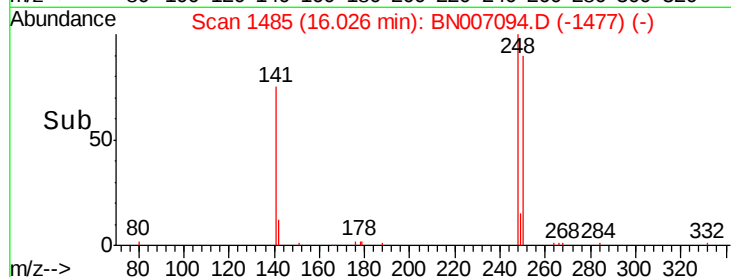
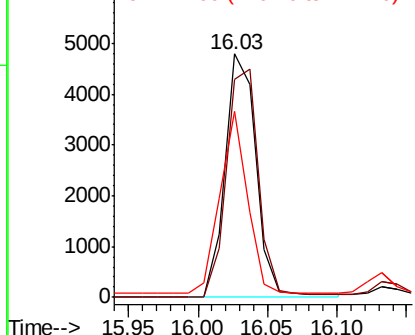
#19
4-Bromophenyl-phenylether
Concen: 0.338 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN007094.D
Acq: 12 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 7424
Ion Ratio Lower Upper
248 100
250 89.7 78.9 118.3
141 76.5 43.3 64.9#

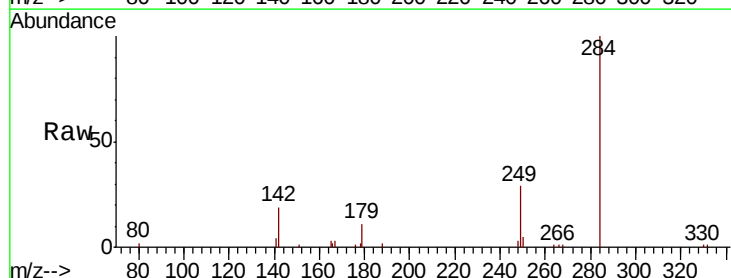


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

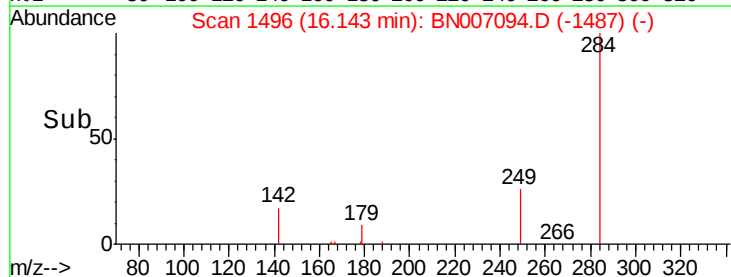
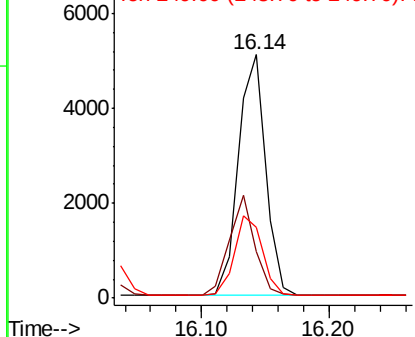


#20
Hexachlorobenzene
Concen: 0.359 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007094.D
Acq: 12 Aug 2019 12:54

Tgt Ion:284 Resp: 7593
Ion Ratio Lower Upper
284 100
142 37.8 30.5 45.7
249 33.6 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

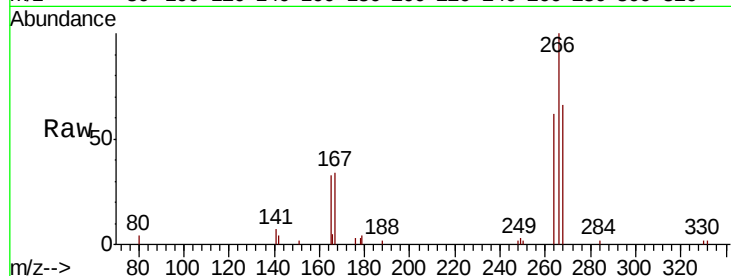




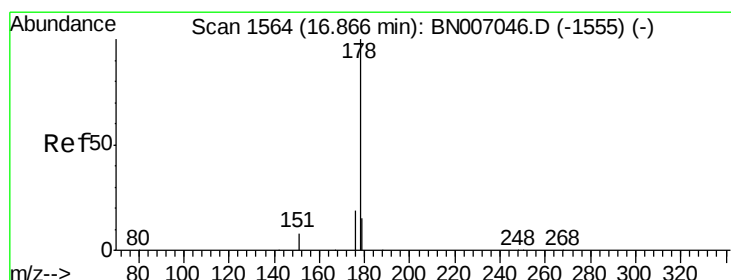
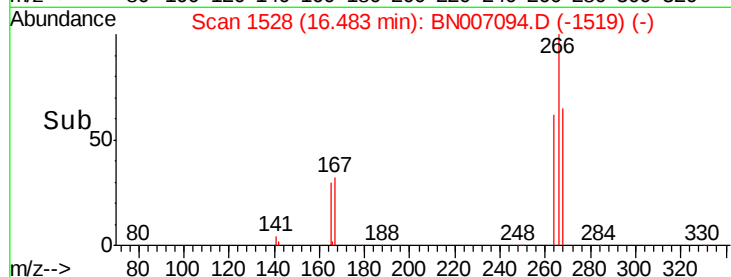
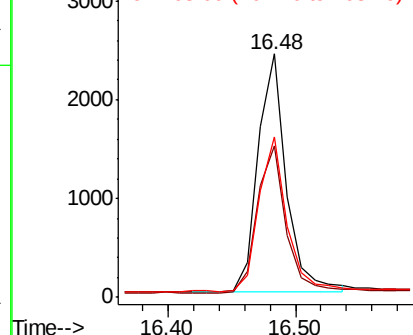
#21
 Pentachlorophenol
 Concen: 0.475 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007094.D
 Acq: 12 Aug 2019 12:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 3738
 Ion Ratio Lower Upper
 266 100
 264 62.0 52.3 78.5
 268 65.7 51.5 77.3

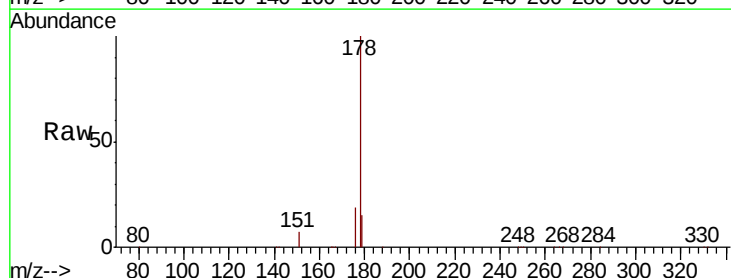


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

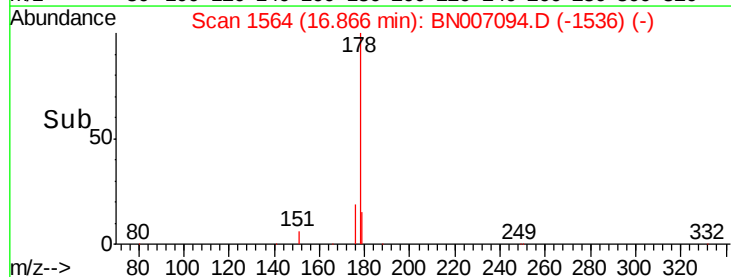
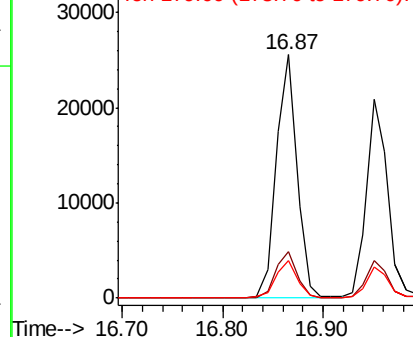


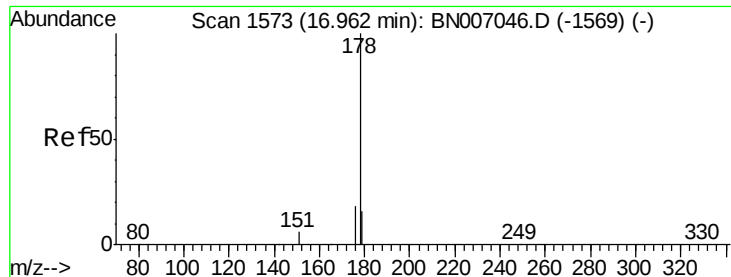
#22
 Phenanthrene
 Concen: 0.342 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007094.D
 Acq: 12 Aug 2019 12:54

Tgt Ion:178 Resp: 36412
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.4 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: 0.316 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

Instrument :

BNA_N

ClientSampled :

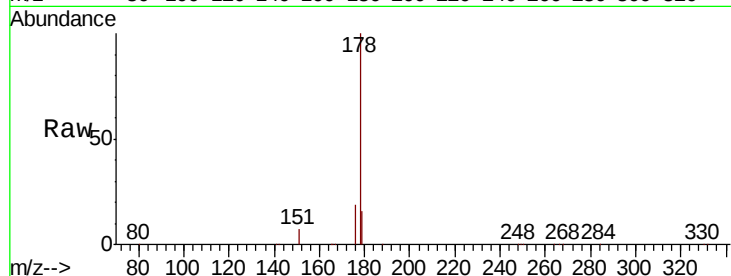
Tot Ion:178 Resp: 30683

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

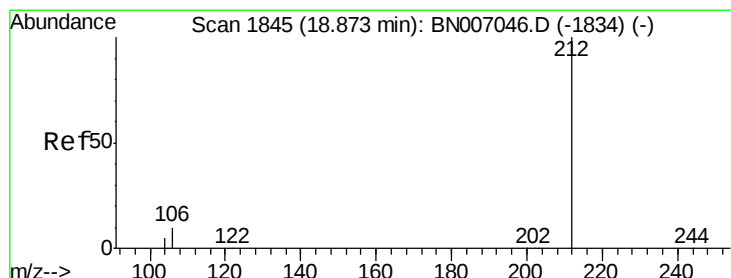
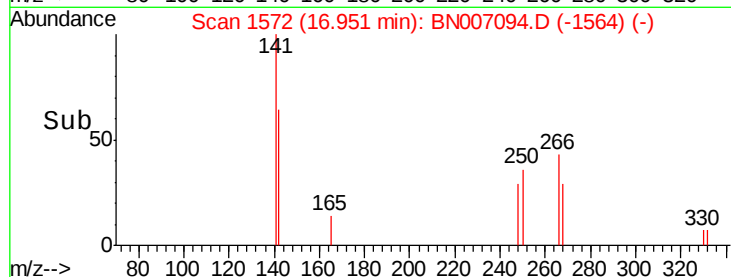
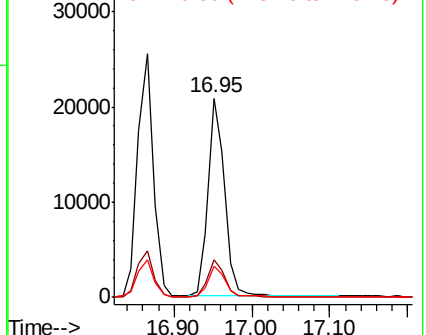
179 15.4 12.5 18.7



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



#24

Fluoranthene-d10

Concen: 0.292 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

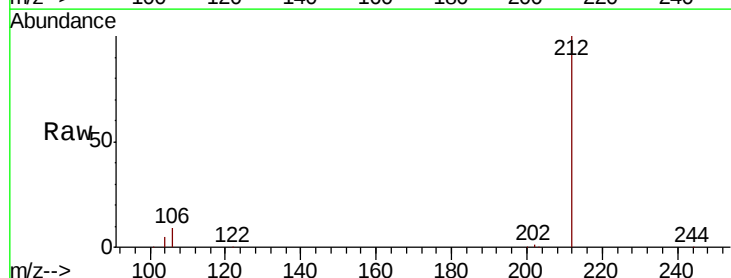
Tgt Ion:212 Resp: 36795

Ion Ratio Lower Upper

212 100

106 9.9 8.2 12.2

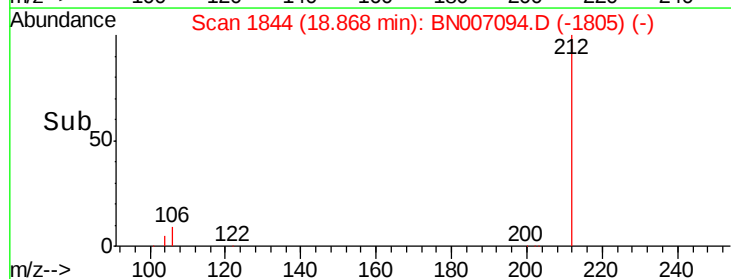
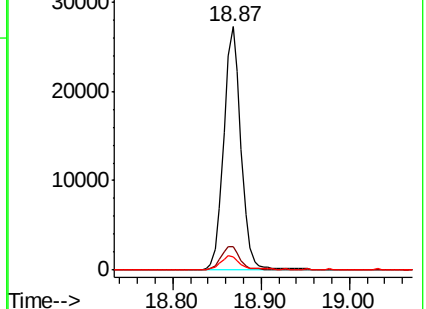
104 5.5 4.5 6.7

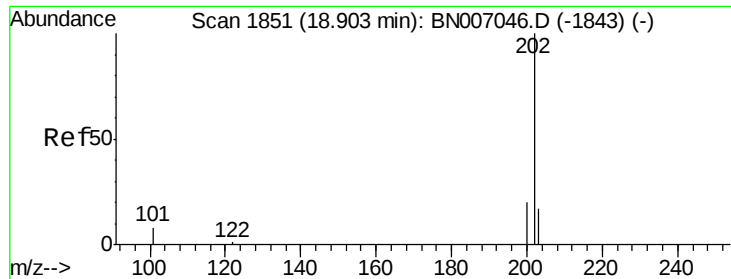


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

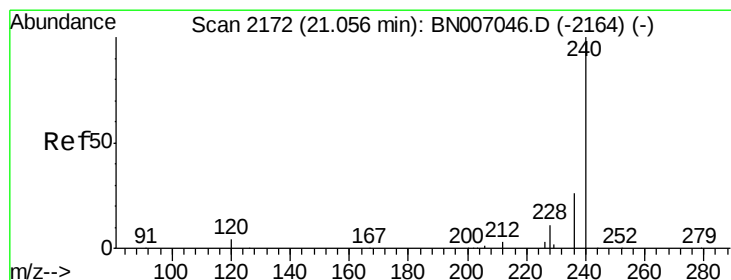
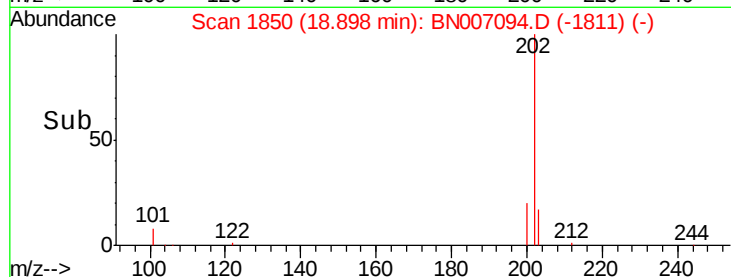
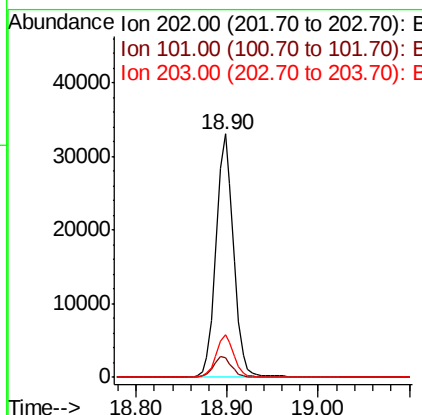
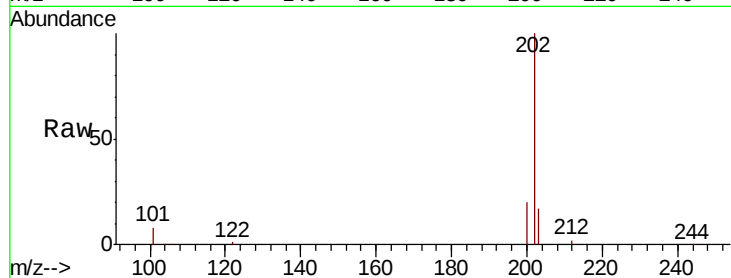




#25
 Fluoranthene
 Concen: 0.316 ng
 RT: 18.90 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BN007094.D
 Acq: 12 Aug 2019 12:54

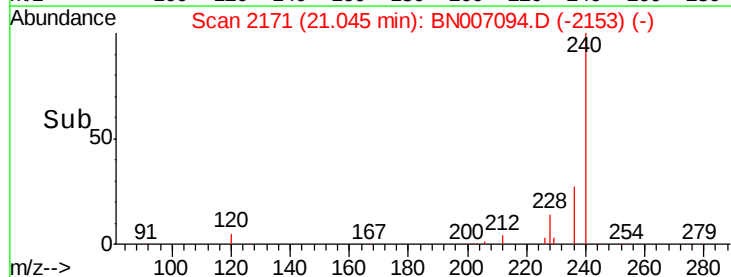
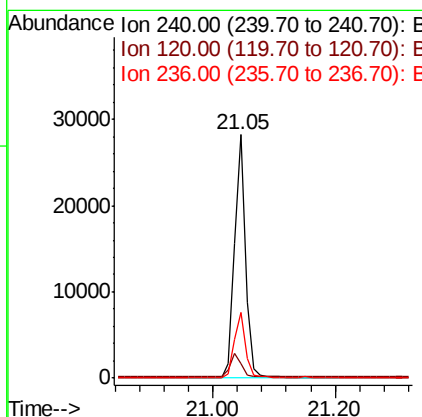
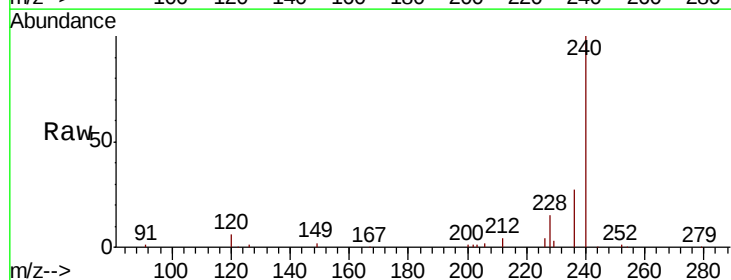
Instrument :
 BNA_N
 ClientSampleId :

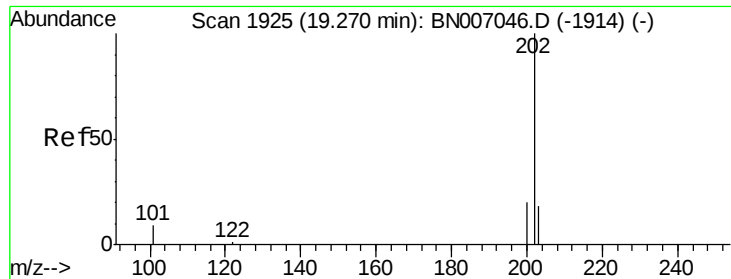
Tot Ion:202 Resp: 43010
 Ion Ratio Lower Upper
 202 100
 101 8.5 7.0 10.4
 203 17.0 13.8 20.8



#26
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.05 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN007094.D
 Acq: 12 Aug 2019 12:54

Tgt Ion:240 Resp: 35764
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.0 6.0
 236 26.7 21.3 31.9

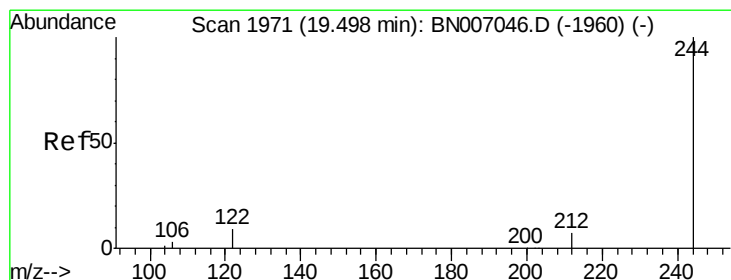
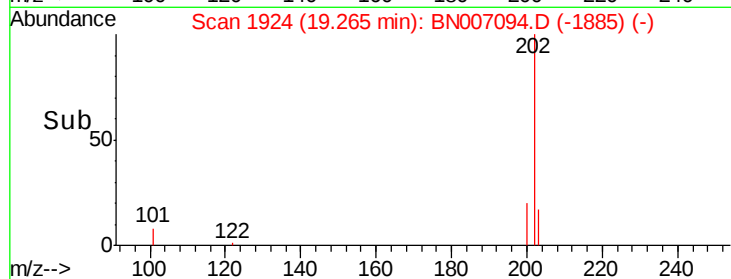
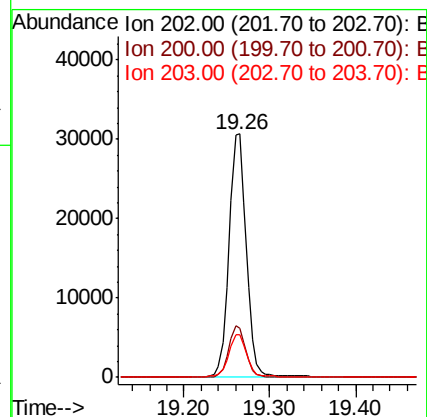
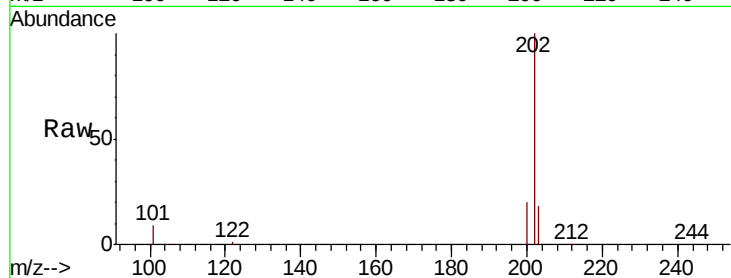




#27
Pvrene
Concen: 0.340 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007094.D
Acq: 12 Aug 2019 12:54

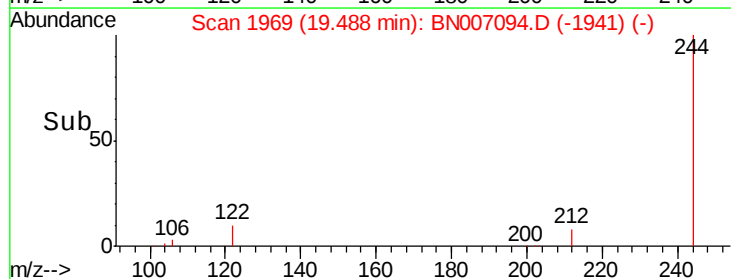
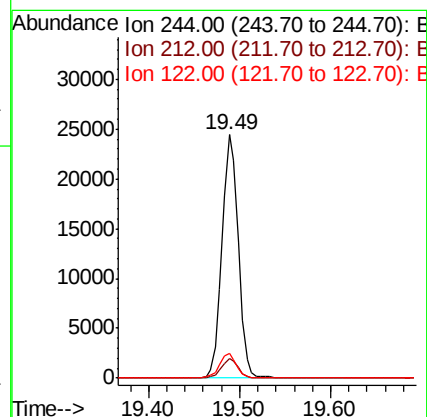
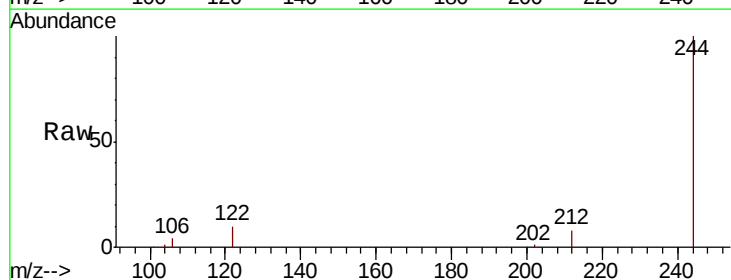
Instrument :
BNA_N
ClientSampleId :

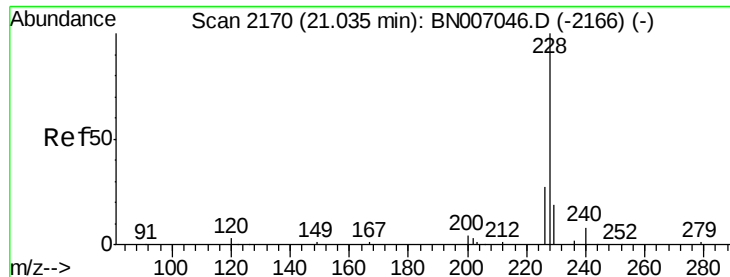
Tot Ion:202 Resp: 42645
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.9 14.0 21.0



#28
Terphenyl-d14
Concen: 0.305 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007094.D
Acq: 12 Aug 2019 12:54

Tgt Ion:244 Resp: 29691
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 10.1 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.306 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

Instrument :

BNA_N

ClientSampled :

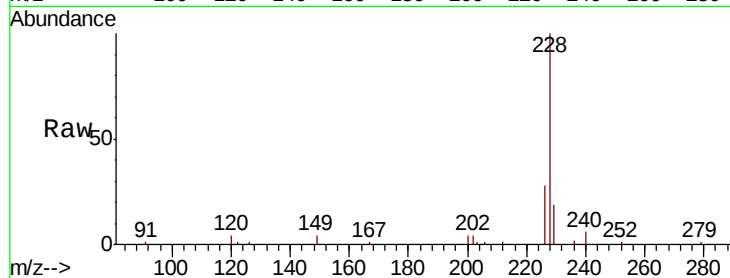
Tot Ion:228 Resp: 39975

Ion Ratio Lower Upper

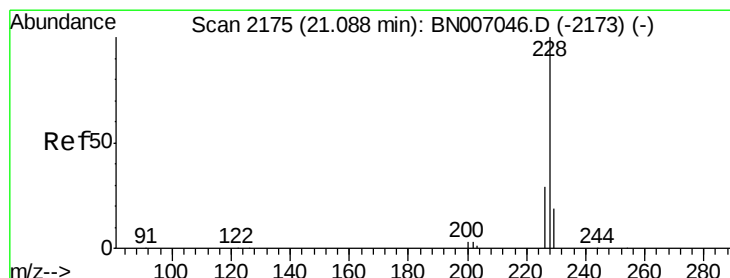
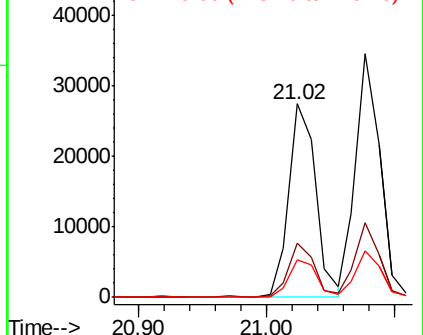
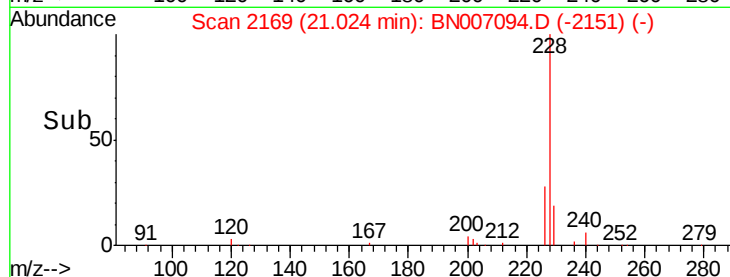
228 100

226 27.8 21.8 32.6

229 19.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#30

Chrysene

Concen: 0.357 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

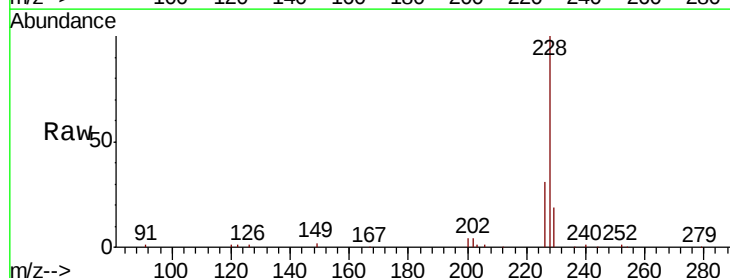
Tgt Ion:228 Resp: 45359

Ion Ratio Lower Upper

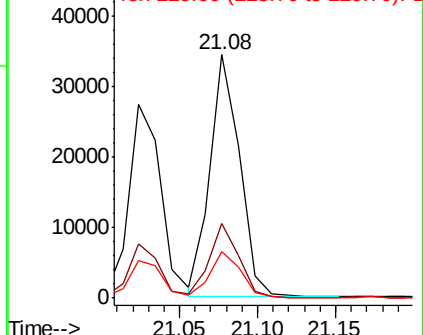
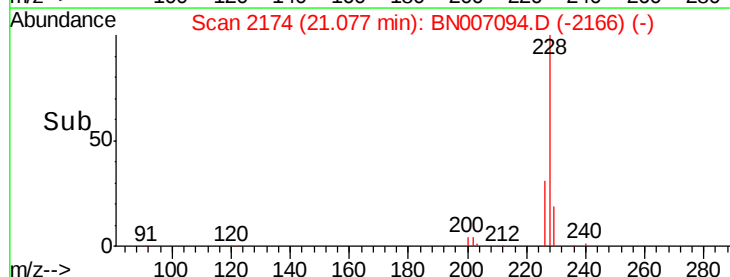
228 100

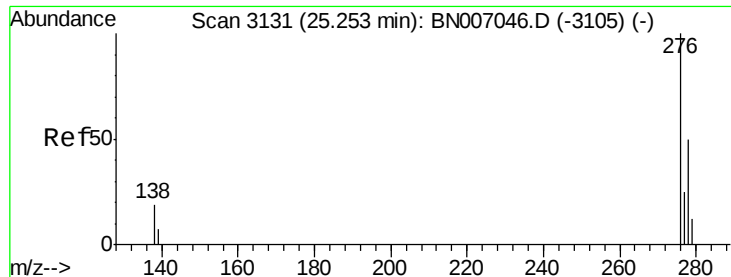
226 30.8 23.8 35.6

229 19.3 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.316 ng

RT: 25.24 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

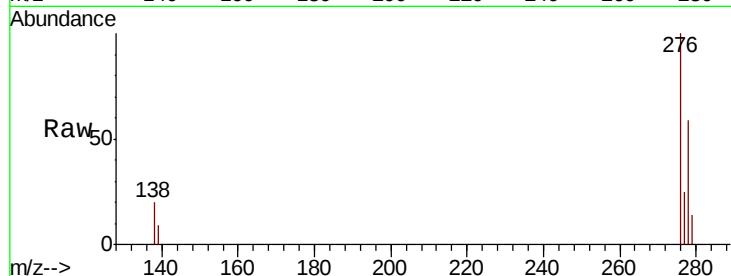
Tot Ion:276 Resp: 44285

Ion Ratio Lower Upper

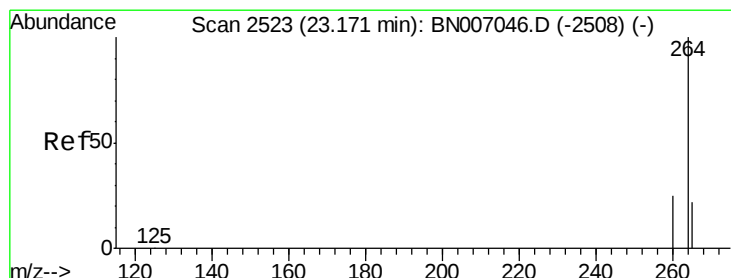
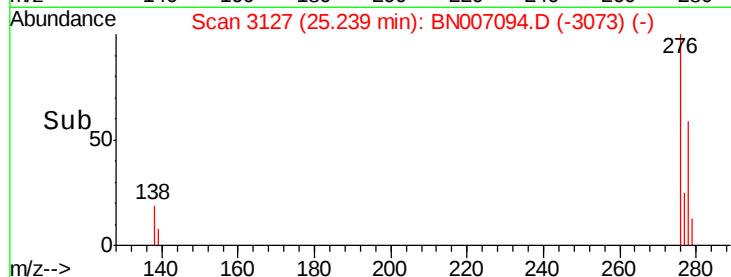
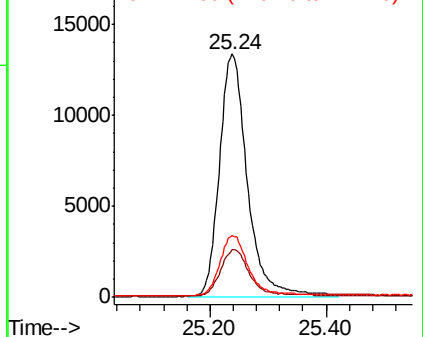
276 100

138 19.9 16.0 24.0

277 24.9 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# 2520

Delta R.T. -0.01 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

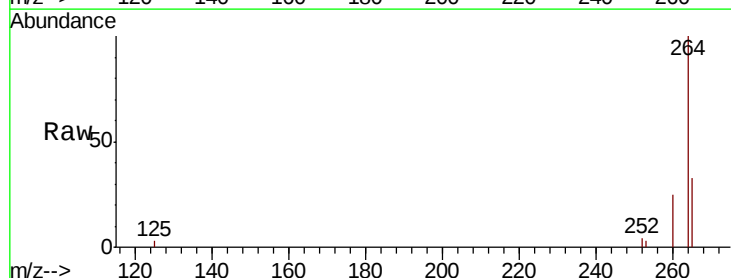
Tgt Ion:264 Resp: 32963

Ion Ratio Lower Upper

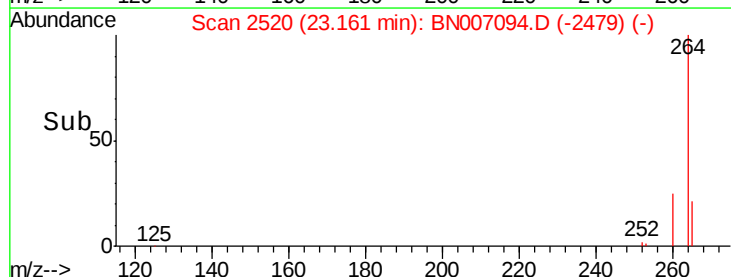
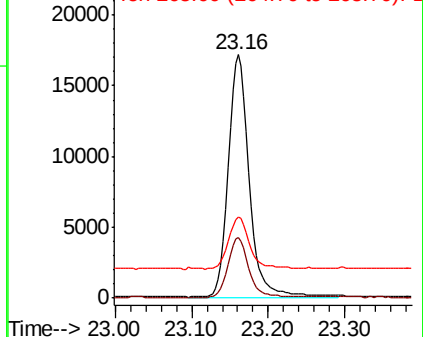
264 100

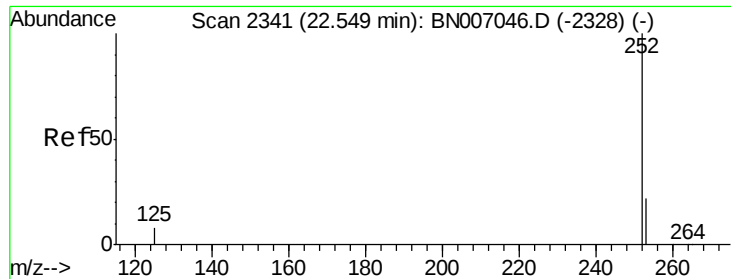
260 24.7 19.8 29.8

265 33.4 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

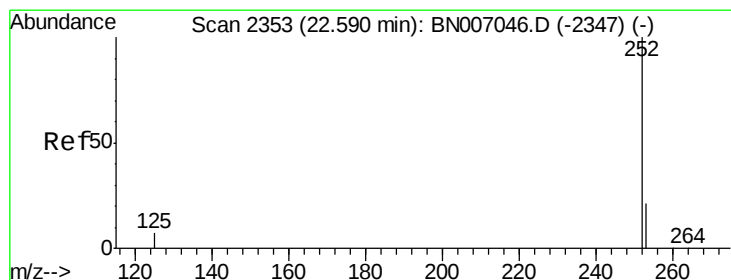
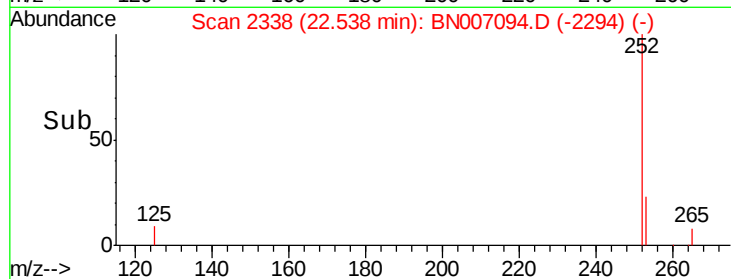
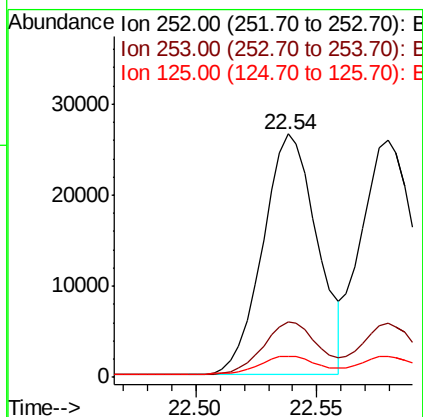
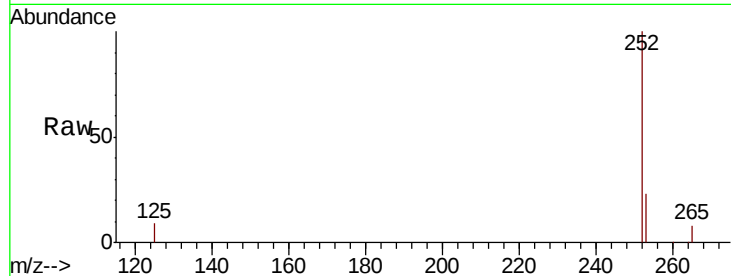




#33
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BN007094.D
Acq: 12 Aug 2019 12:54

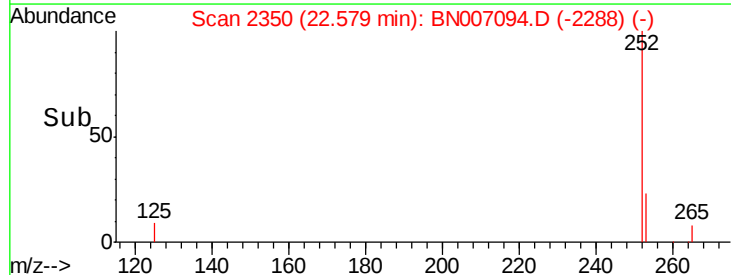
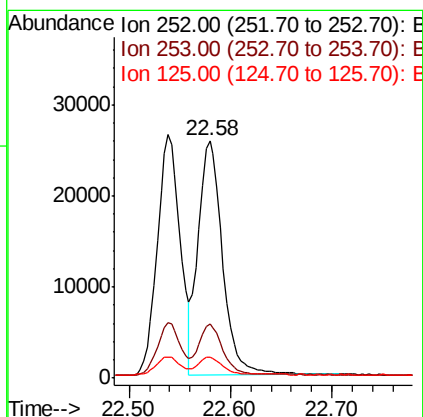
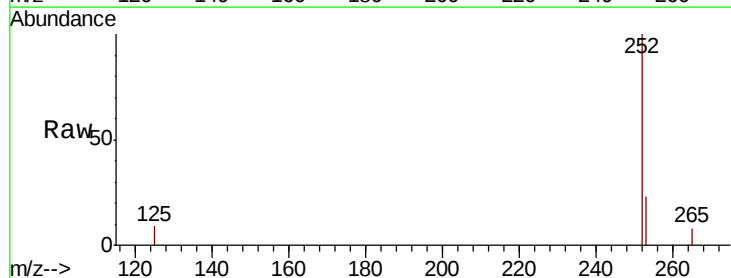
Instrument :
BNA_N
ClientSampleId :

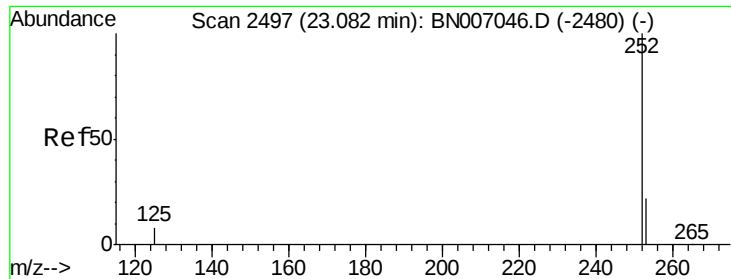
Tot Ion:252 Resp: 41434
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 8.8 7.4 11.0



#34
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 22.58 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BN007094.D
Acq: 12 Aug 2019 12:54

Tgt Ion:252 Resp: 42916
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 8.9 7.4 11.0





#35

Benzo(a)pyrene

Concen: 0.344 ng

RT: 23.07 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

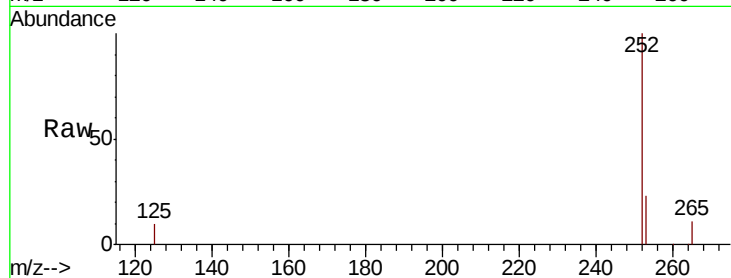
Tot Ion:252 Resp: 35242

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

125 10.2 8.2 12.4

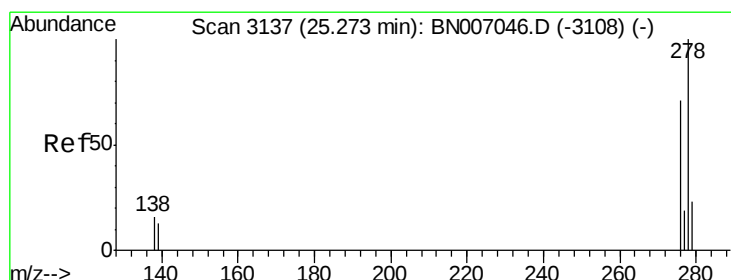
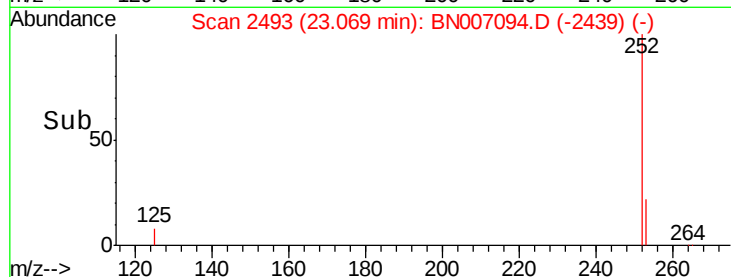
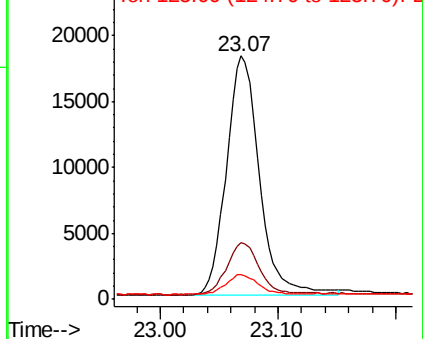


Abundance

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: 0.359 ng

RT: 25.26 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

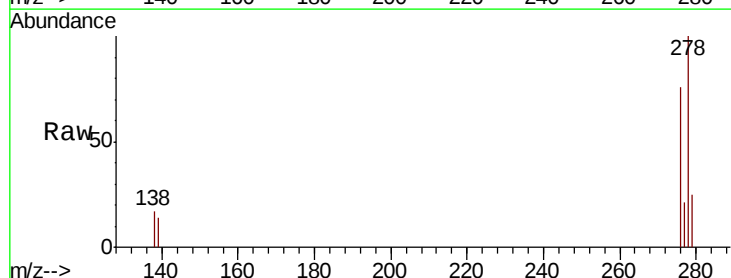
Tgt Ion:278 Resp: 36715

Ion Ratio Lower Upper

278 100

139 13.9 11.3 16.9

279 24.9 19.3 28.9

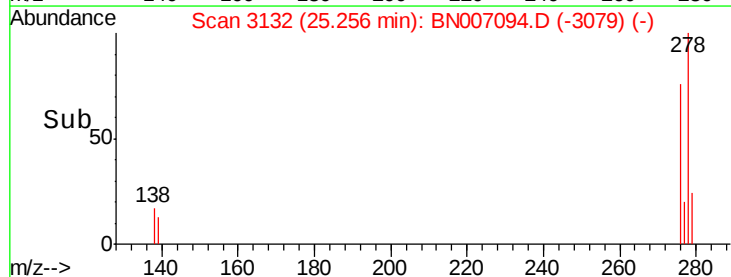
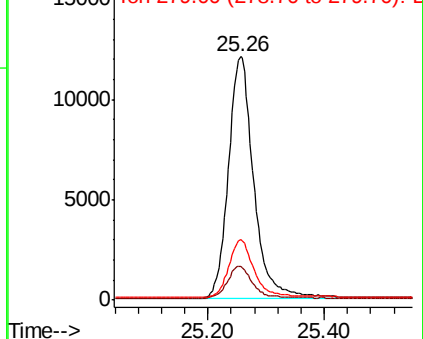


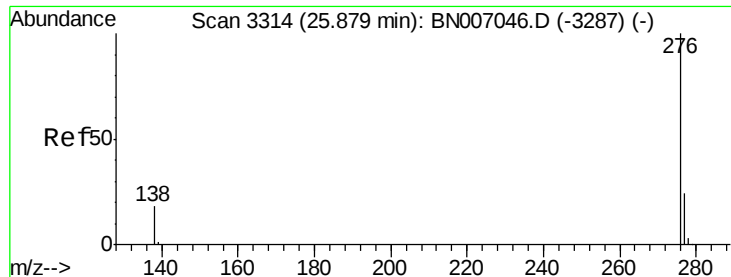
Abundance

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: 0.379 ng

RT: 25.87 min Scan# 3310

Delta R.T. -0.01 min

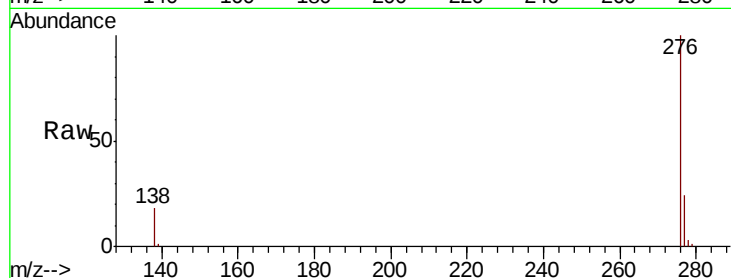
Lab File: BN007094.D

Acq: 12 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 39849

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 17.8 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

