

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
 Data File : BN007064.D
 Acq On : 11 Aug 2019 00:47
 Operator : HP/JU
 Sample : K4239-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 11 04:37:20 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	7932	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	30142	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	17614	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	43909	0.40	ng	0.00
26) Chrysene-d12	21.05	240	44840	0.40	ng	-0.01
32) Perylene-d12	23.15	264	49334	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	6348	0.33	ng	0.00
4) Phenol-d6	6.61	99	8565	0.36	ng	0.00
7) Nitrobenzene-d5	8.56	82	6468	0.27	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	20982	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1949	0.21	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	6595	0.26	ng	0.00
24) Fluoranthene-d10	18.87	212	41868	0.27	ng	0.00
28) Terphenyl-d14	19.49	244	33380	0.27	ng	0.00

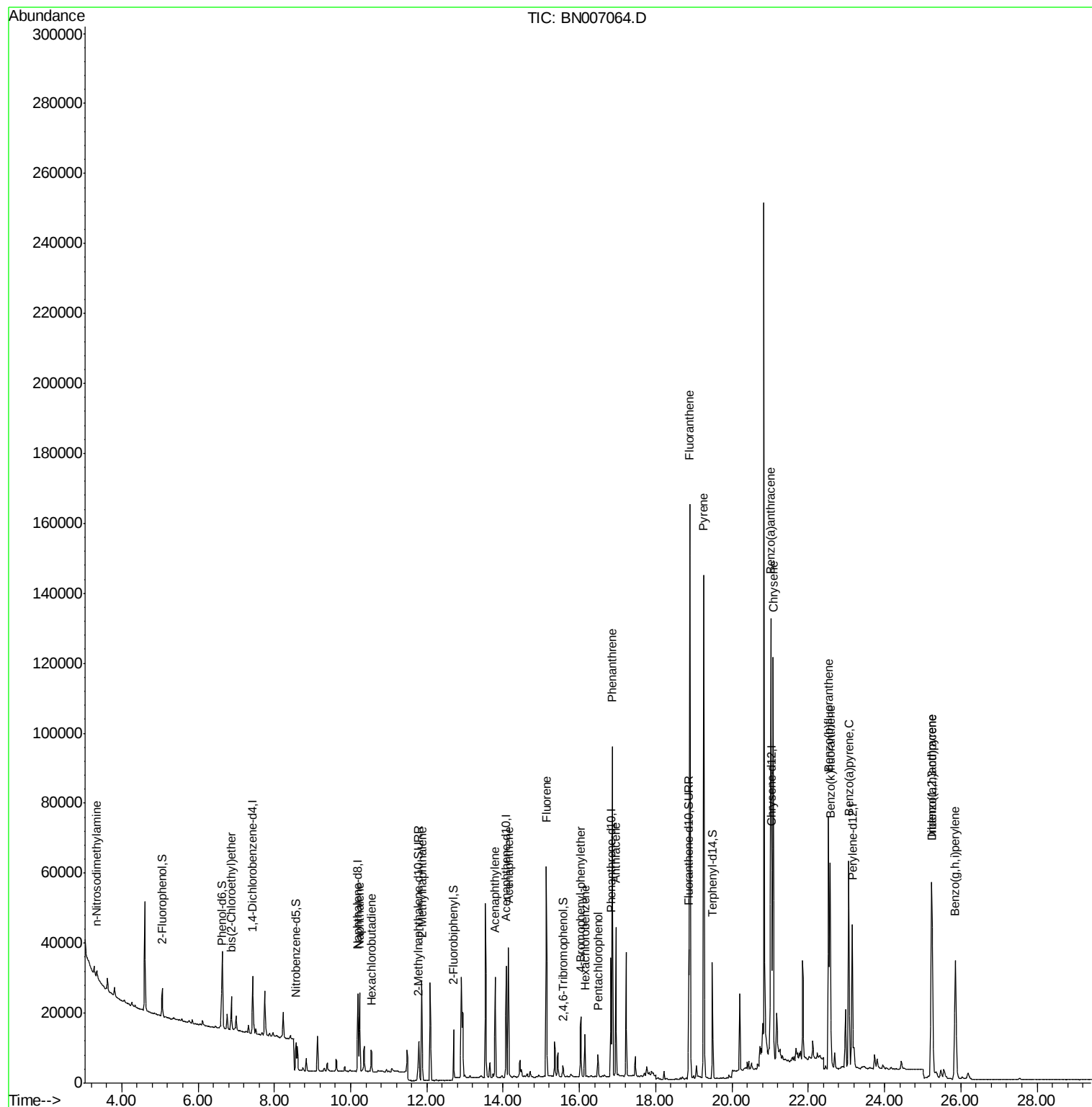
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	1811	0.347	ng	# 83
5) bis(2-Chloroethyl)ether	6.87	93	7570	0.363	ng	99
8) Naphthalene	10.24	128	28088	0.332	ng	99
9) Hexachlorobutadiene	10.54	225	5603	0.311	ng	# 99
11) 2-Methylnaphthalene	11.87	142	20389	0.340	ng	98
15) Acenaphthylene	13.79	152	32040	0.348	ng	100
16) Acenaphthene	14.14	154	20362	0.345	ng	99
17) Fluorene	15.14	166	27682	0.314	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	9944	0.366	ng	95
20) Hexachlorobenzene	16.14	284	8603	0.329	ng	100
21) Pentachlorophenol	16.48	266	2994	0.308	ng	99
22) Phenanthrene	16.87	178	91389	0.694	ng	100
23) Anthracene	16.96	178	47725	0.397	ng	100
25) Fluoranthene	18.90	202	147461	0.876	ng	100
27) Pyrene	19.26	202	133538	0.849	ng	98
29) Benzo(a)anthracene	21.02	228	94699	0.577	ng	99
30) Chrysene	21.08	228	95839	0.602	ng	99
31) Indeno(1,2,3-cd)pyrene	25.23	276	78737	0.448	ng	98
33) Benzo(b)fluoranthene	22.53	252	94851	0.561	ng	100
34) Benzo(k)fluoranthene	22.58	252	76407	0.457	ng	100
35) Benzo(a)pyrene	23.06	252	79011	0.515	ng	99
36) Dibenzo(a,h)anthracene	25.25	278	53186	0.348	ng	98
37) Benzo(g,h,i)perylene	25.86	276	68835	0.437	ng	100

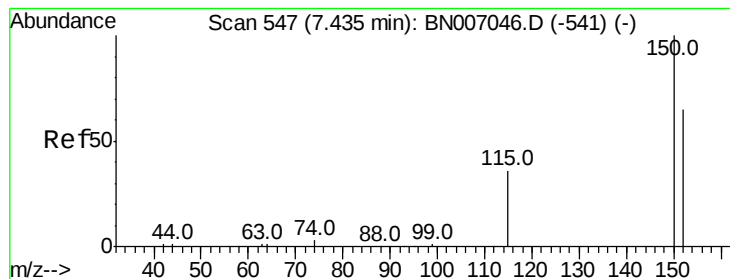
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007064.D
Acq On : 11 Aug 2019 00:47
Operator : HP/JU
Sample : K4239-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 04:37:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



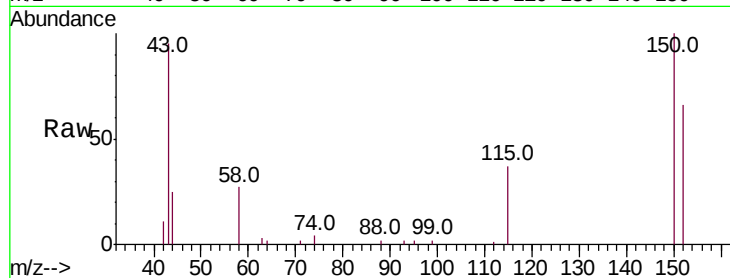


#1

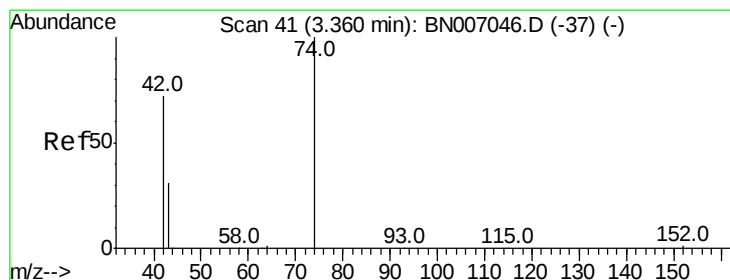
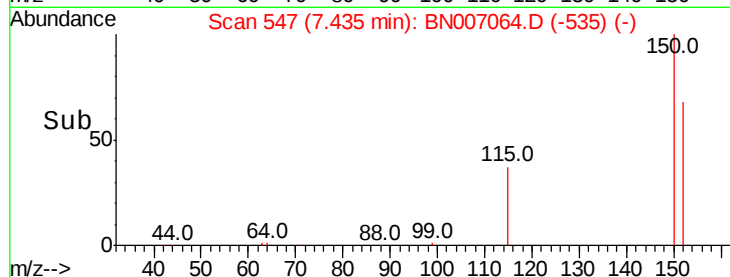
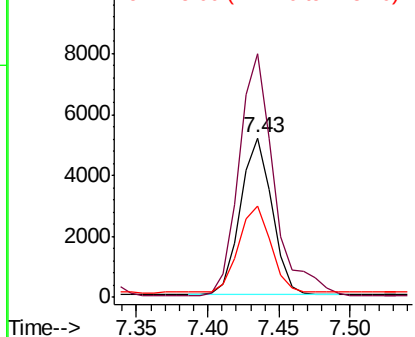
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007064.D
Acq: 11 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7932
Ion Ratio Lower Upper
152 100
150 152.7 121.7 182.5
115 57.0 46.2 69.4



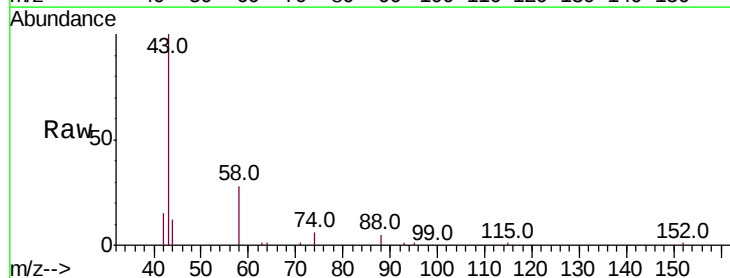
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



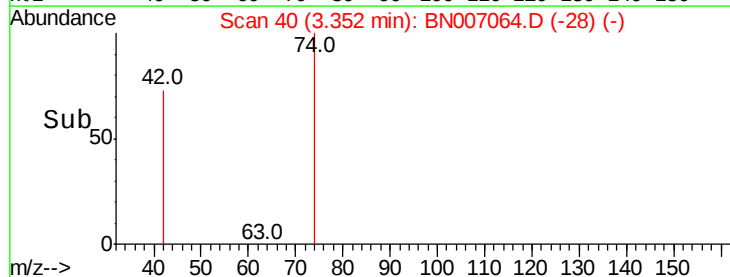
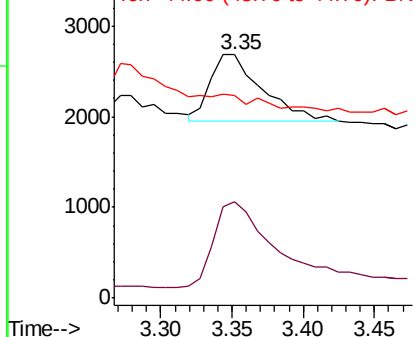
#2

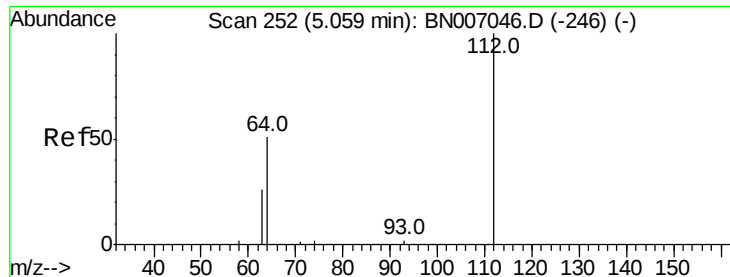
n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007064.D
Acq: 11 Aug 2019 00:47

Tgt Ion: 42 Resp: 1811
Ion Ratio Lower Upper
42 100
74 159.3 110.6 166.0
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: 0.333 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

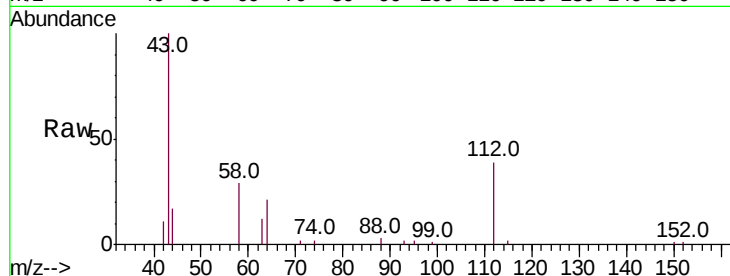
Tot Ion:112 Resp: 6348

Ion Ratio Lower Upper

112 100

64 52.5 42.6 63.8

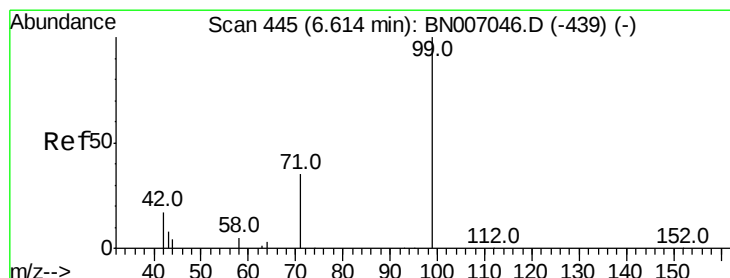
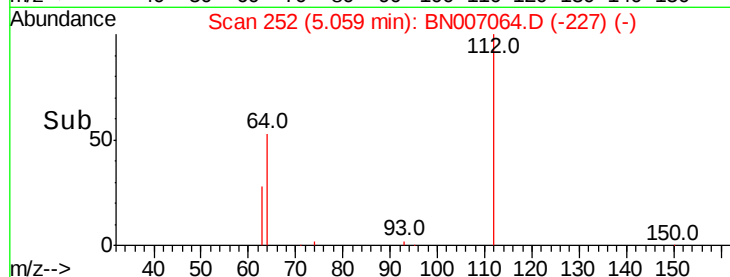
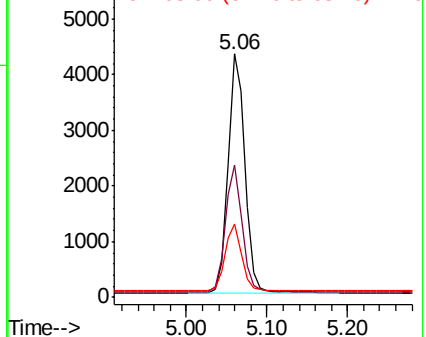
63 28.3 22.2 33.2



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: 0.363 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

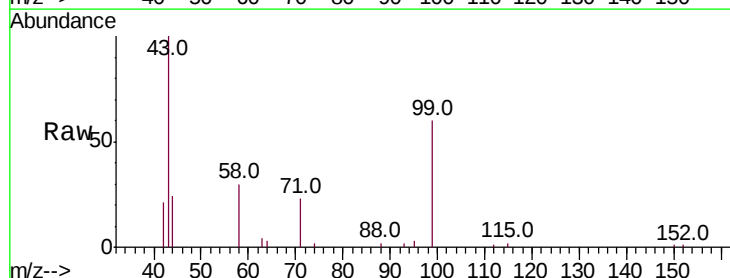
Tgt Ion: 99 Resp: 8565

Ion Ratio Lower Upper

99 100

42 34.2 15.8 23.6#

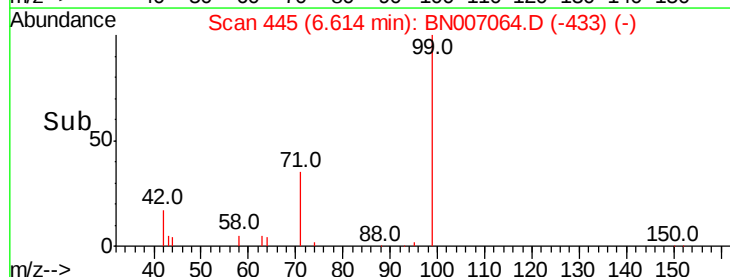
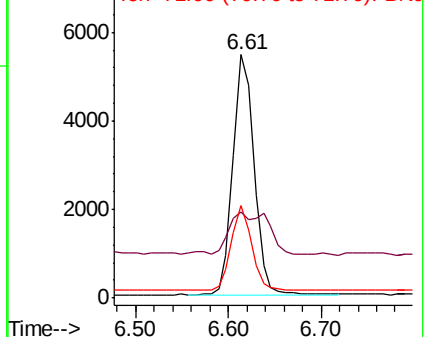
71 33.8 27.0 40.4

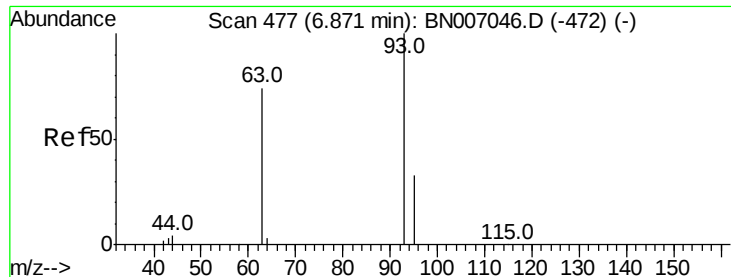


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.363 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

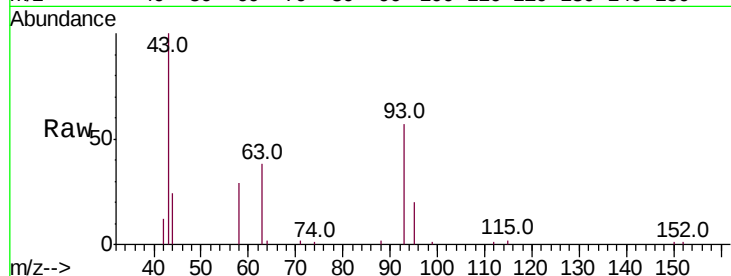
Tot Ion: 93 Resp: 7570

Ion Ratio Lower Upper

93 100

63 69.6 55.6 83.4

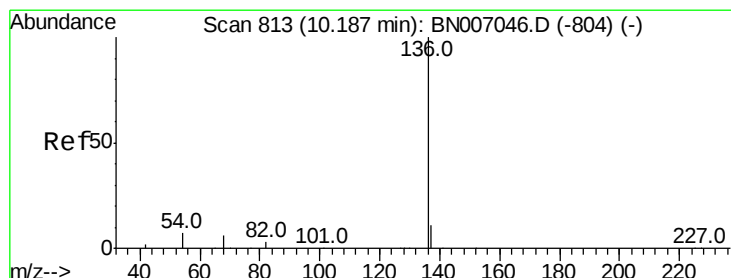
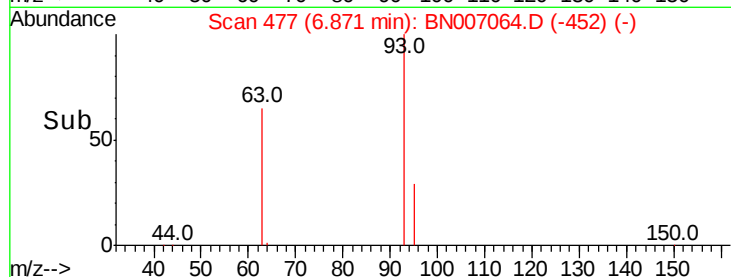
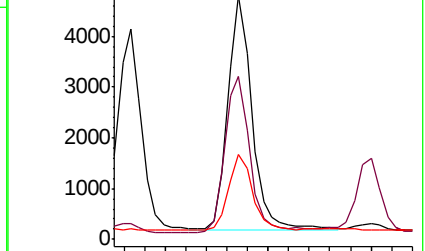
95 32.5 26.7 40.1



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) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Tgt Ion: 136 Resp: 30142

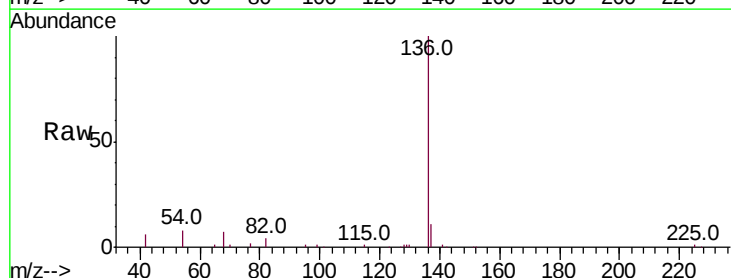
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 7.5 6.6 9.8

68 6.7 6.0 9.0

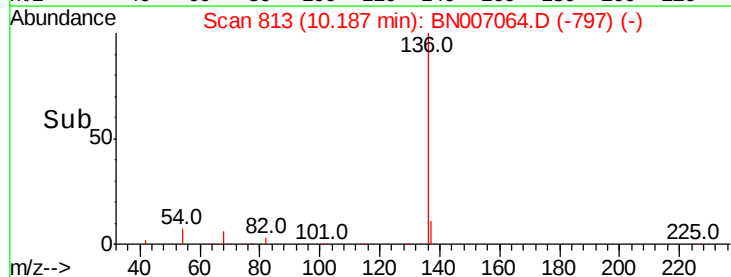
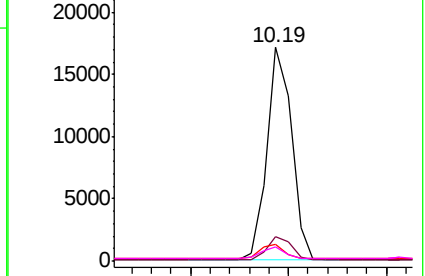


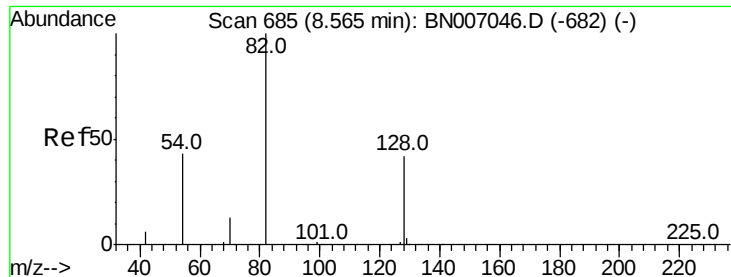
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

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

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

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





#7

Nitrobenzene-d5

Concen: 0.266 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampled :

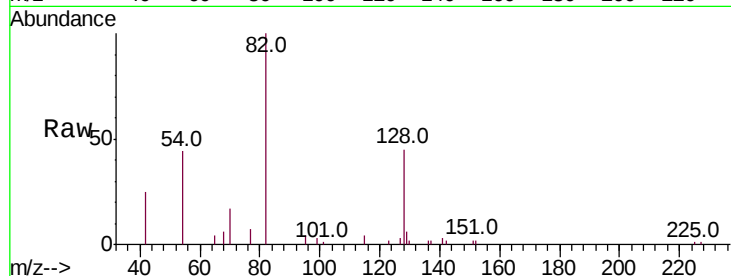
Tot Ion: 82 Resp: 6468

Ion Ratio Lower Upper

82 100

128 45.0 34.6 51.8

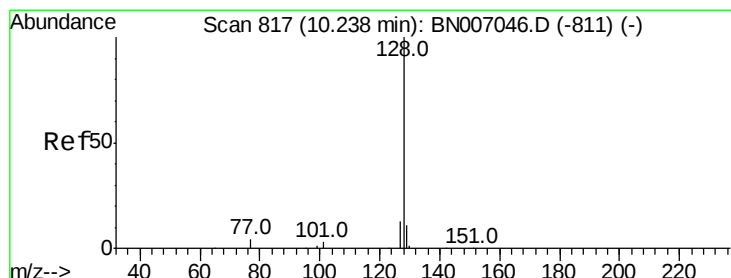
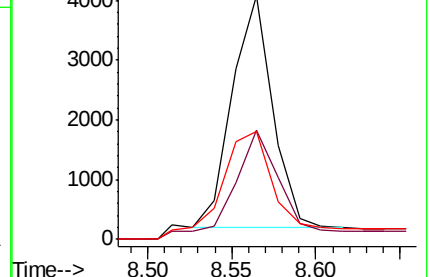
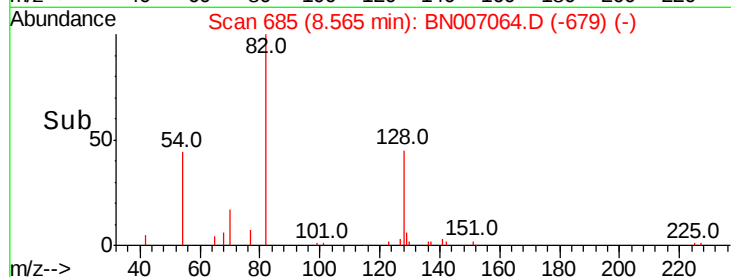
54 44.1 36.2 54.4



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

Naphthalene

Concen: 0.332 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

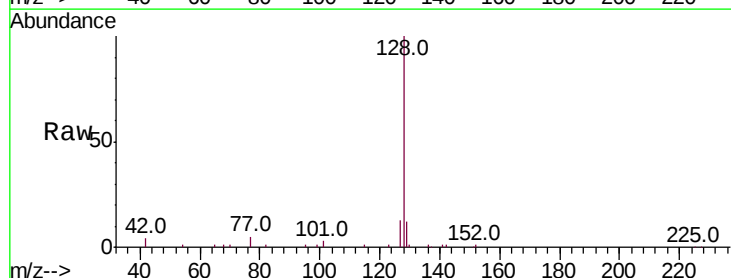
Tgt Ion: 128 Resp: 28088

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

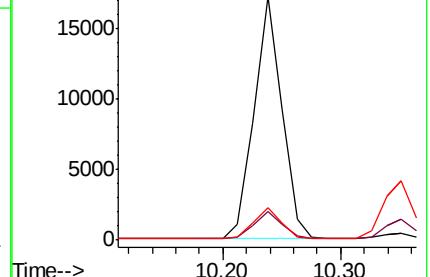
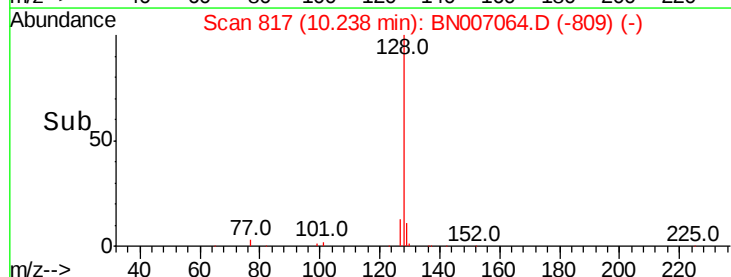
127 13.4 11.0 16.6

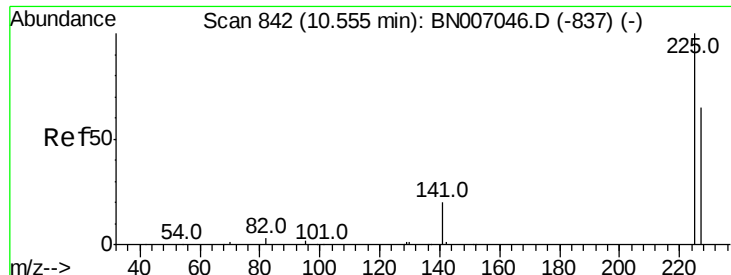


Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

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

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





#9

Hexachlorobutadiene

Concen: 0.311 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

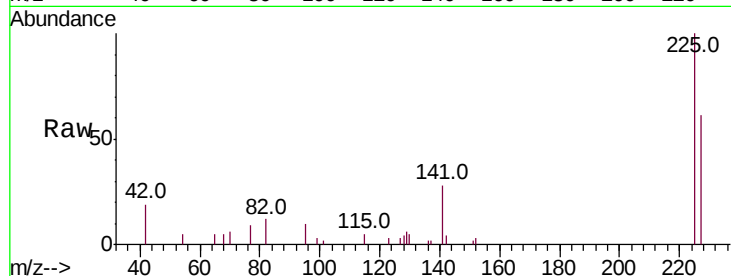
Tot Ion:225 Resp: 5603

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

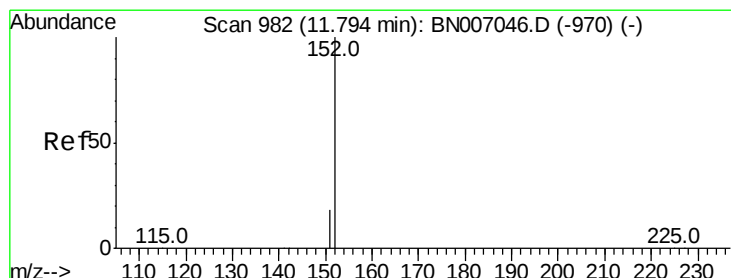
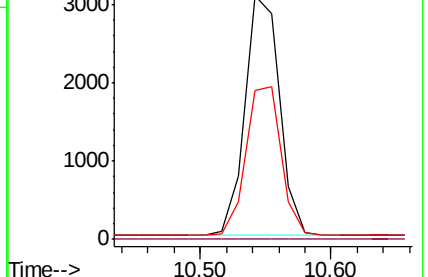
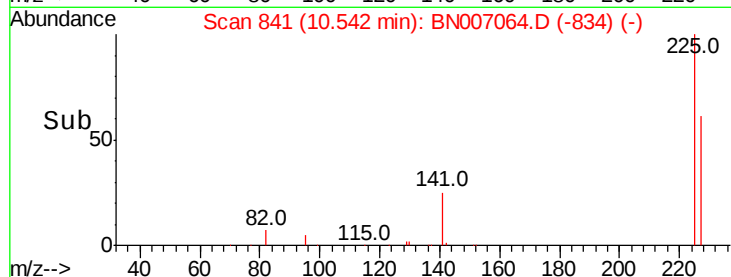
227 63.1 51.1 76.7



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: 0.373 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007064.D

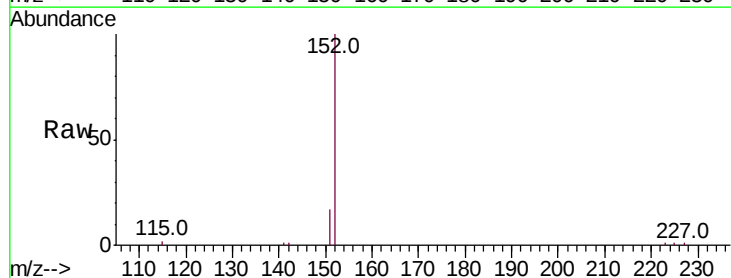
Acq: 11 Aug 2019 00:47

Tgt Ion:152 Resp: 20982

Ion Ratio Lower Upper

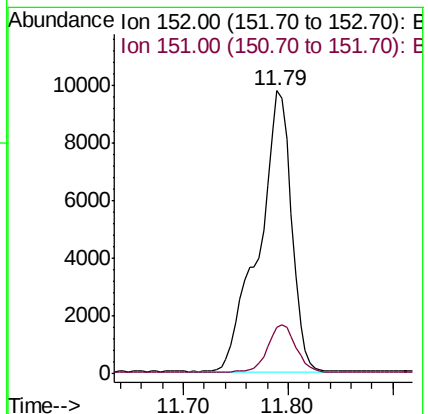
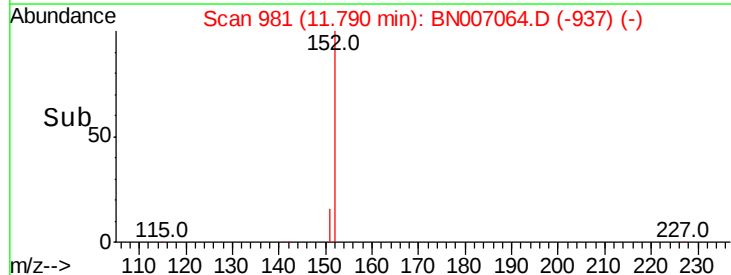
152 100

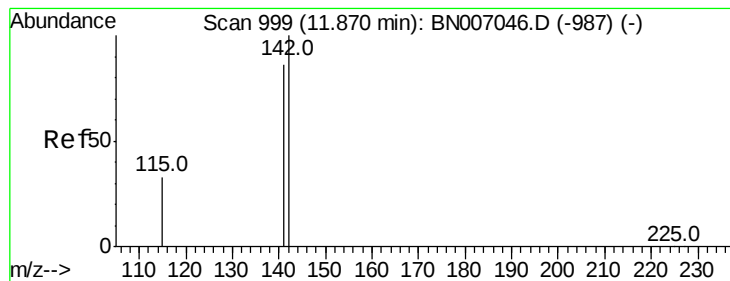
151 14.4 15.5 23.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.340 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

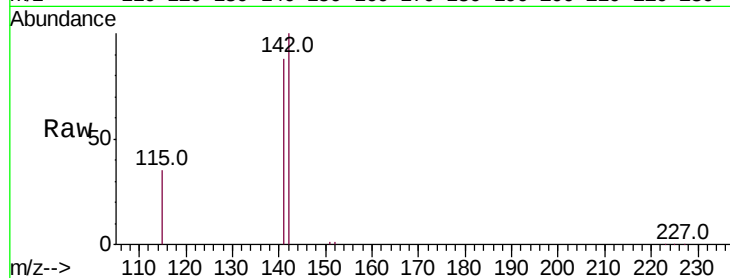
Tot Ion:142 Resp: 20389

Ion Ratio Lower Upper

142 100

141 87.8 69.0 103.6

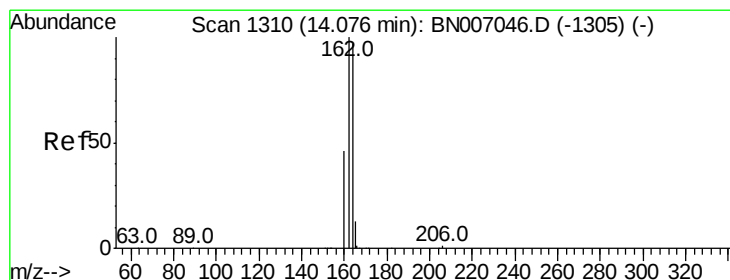
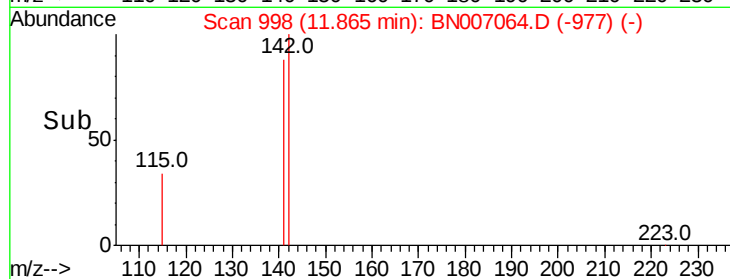
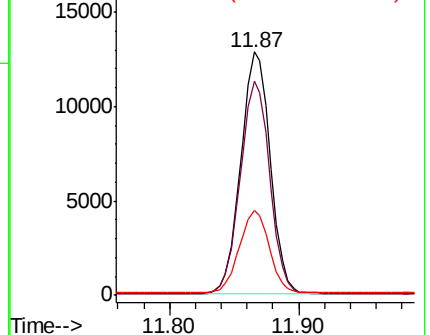
115 34.8 27.1 40.7



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: BN007064.D

Acq: 11 Aug 2019 00:47

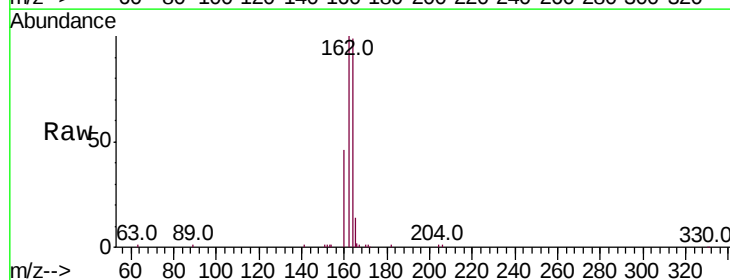
Tgt Ion:164 Resp: 17614

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.4

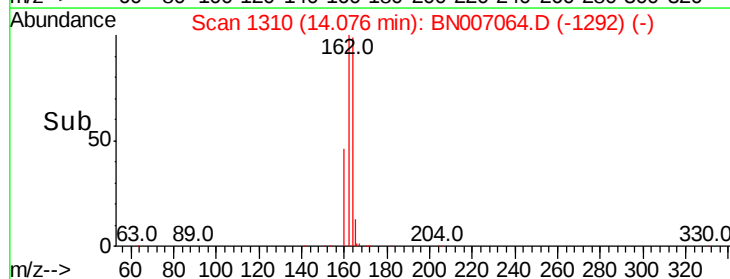
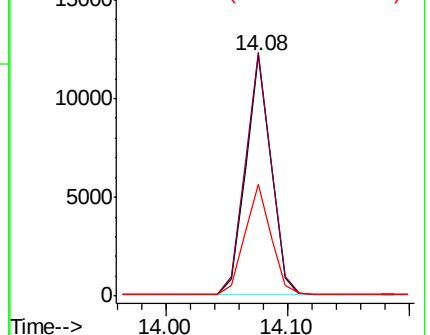
160 46.5 38.3 57.5

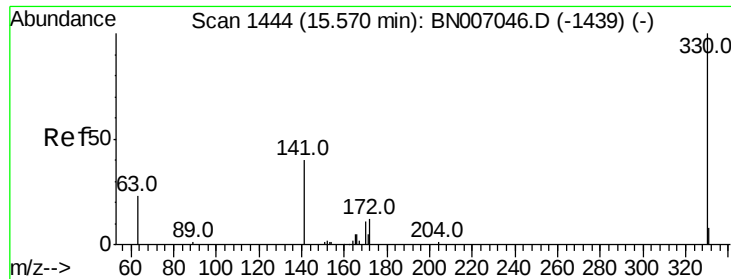


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

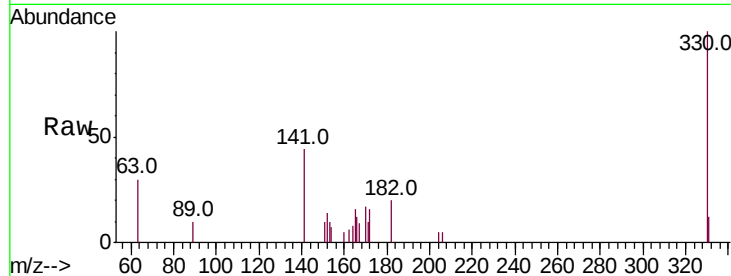




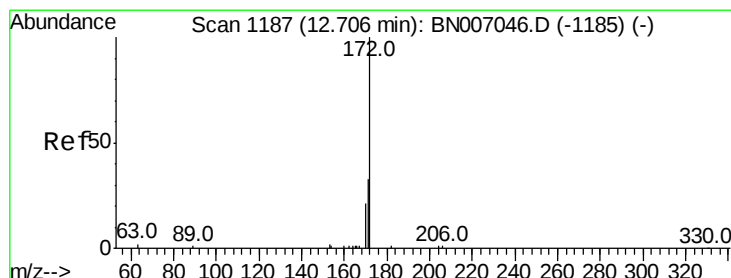
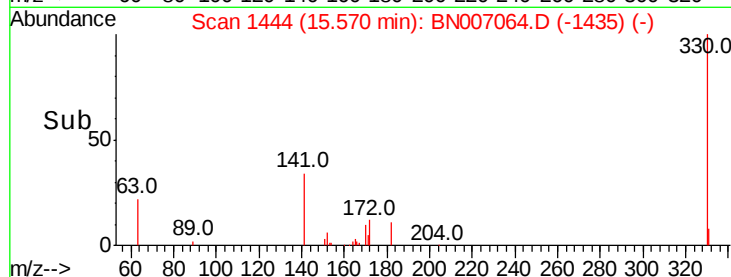
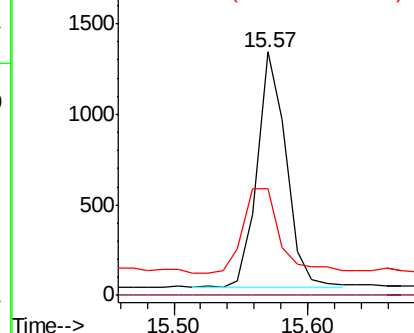
#13
 2,4,6-Tribromophenol
 Concen: 0.205 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007064.D
 Acq: 11 Aug 2019 00:47

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1949
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 45.7 33.6 50.4

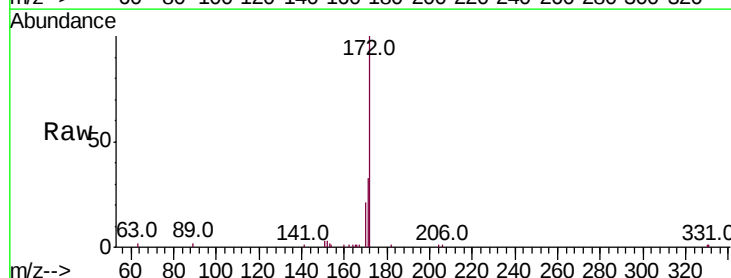


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

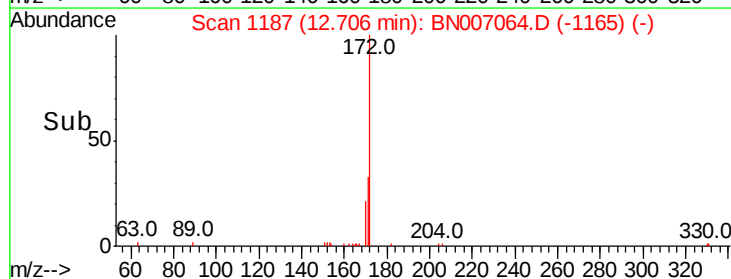
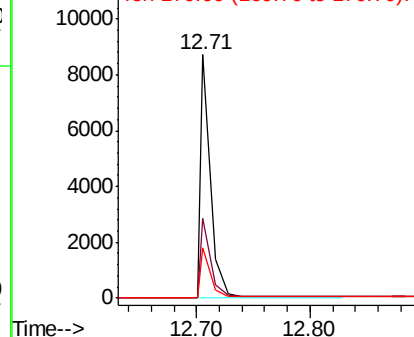


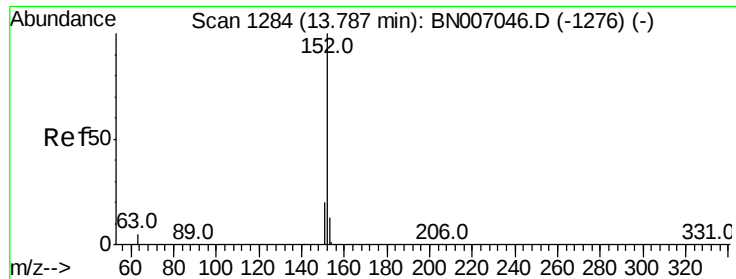
#14
 2-Fluorobiphenyl
 Concen: 0.258 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007064.D
 Acq: 11 Aug 2019 00:47

Tgt Ion:172 Resp: 6595
 Ion Ratio Lower Upper
 172 100
 171 32.9 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: 0.348 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

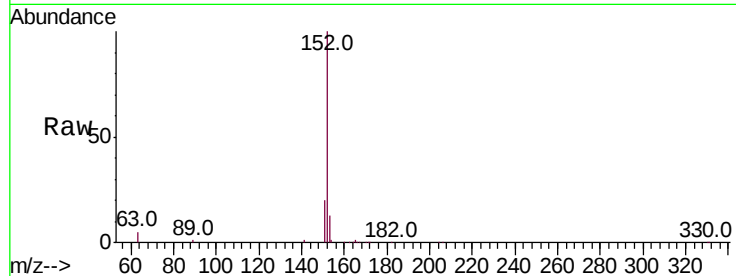
Instrument :

BNA_N

ClientSampled :

Tot Ion:152 Resp: 32040

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.1	10.4	15.6

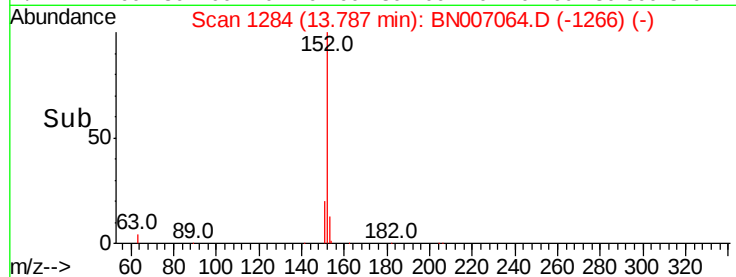
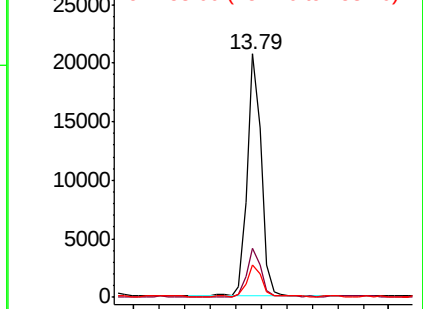


Abundance

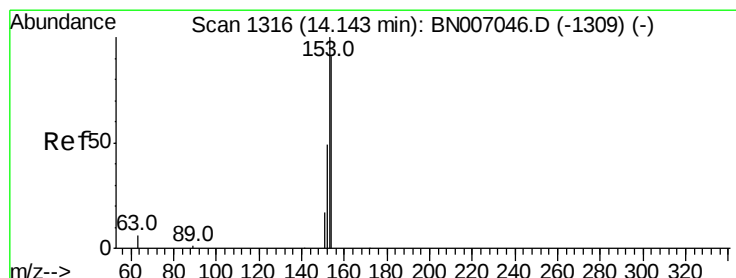
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#16

Acenaphthene

Concen: 0.345 ng

RT: 14.14 min Scan# 1316

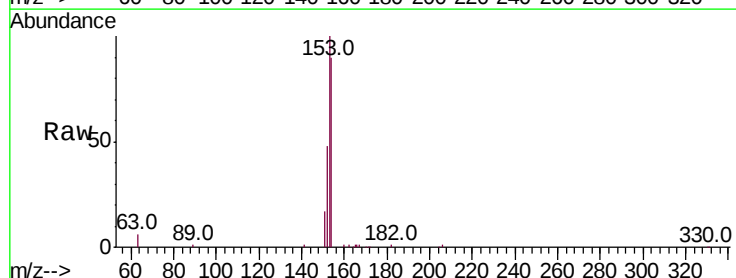
Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Tgt Ion:154 Resp: 20362

Ion	Ratio	Lower	Upper
154	100		
153	110.9	89.5	134.3
152	55.2	44.8	67.2

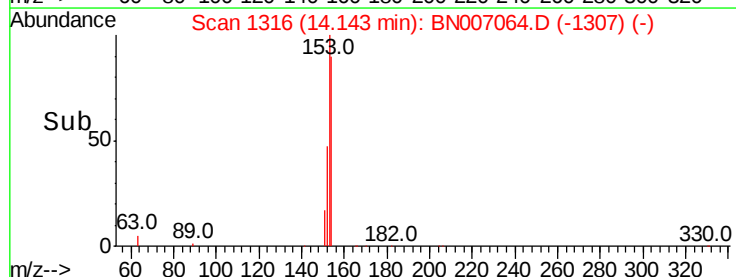
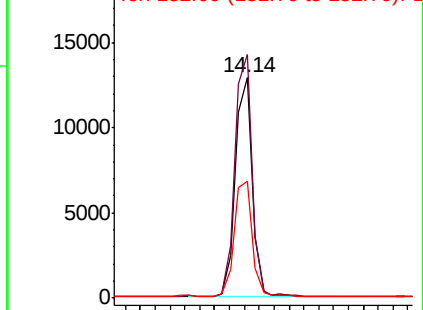


Abundance

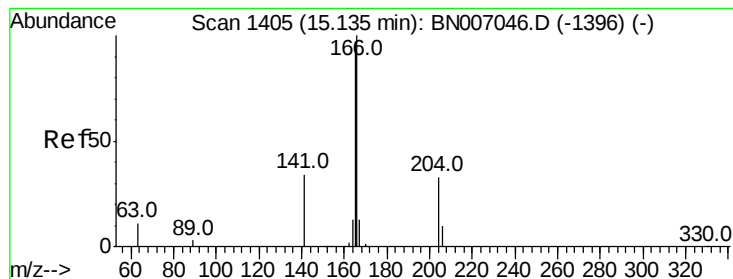
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#17

Fluorene

Concen: 0.314 ng

RT: 15.14 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

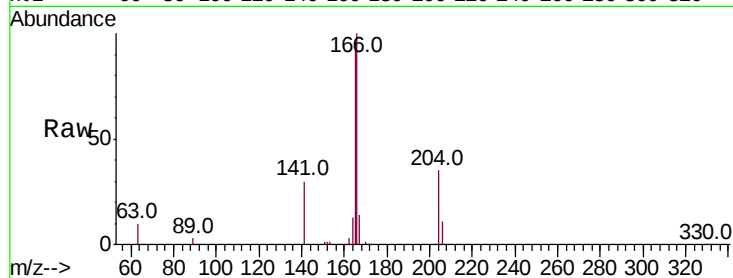
Tot Ion:166 Resp: 27682

Ion Ratio Lower Upper

166 100

165 97.7 77.9 116.9

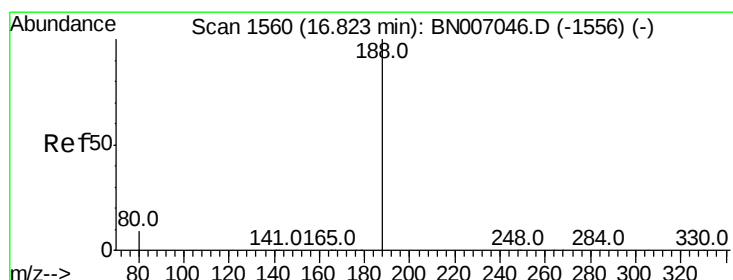
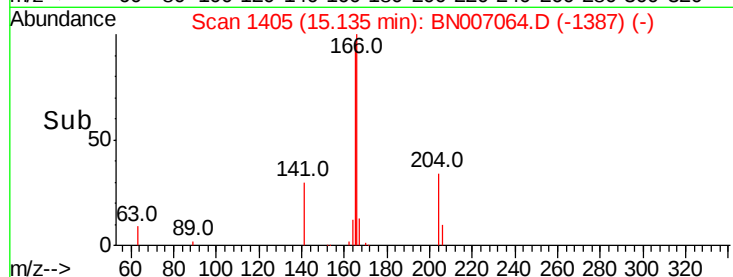
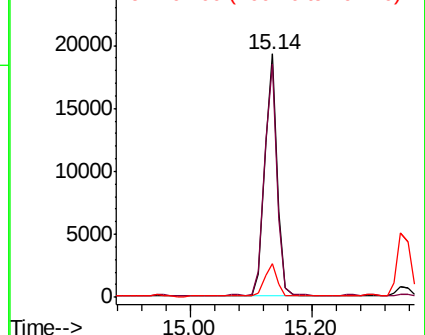
167 13.5 10.9 16.3



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



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

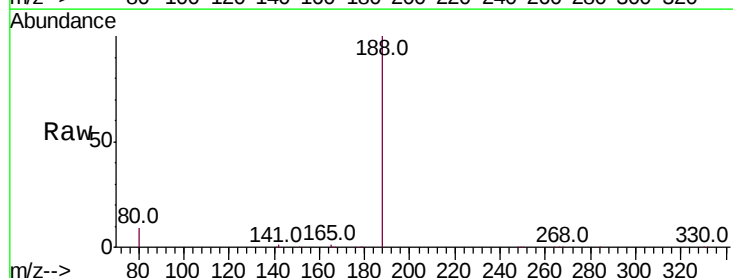
Tgt Ion:188 Resp: 43909

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

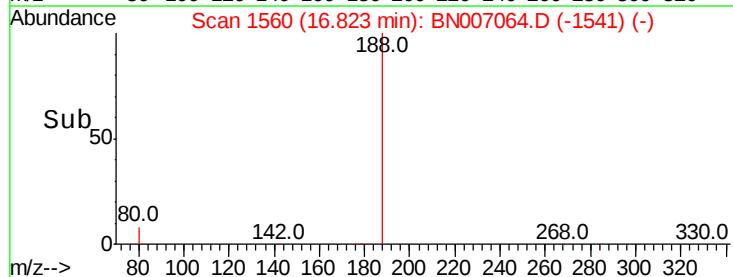
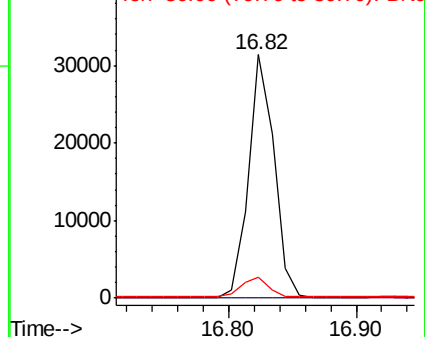
80 8.8 7.8 11.6

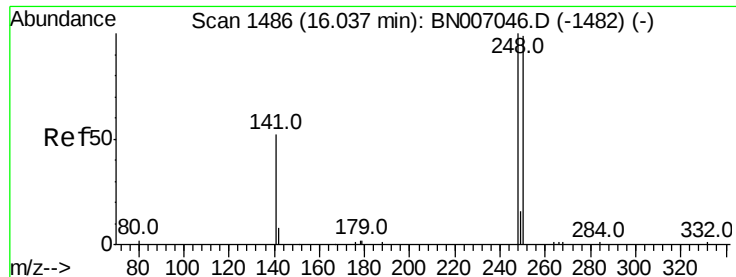


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

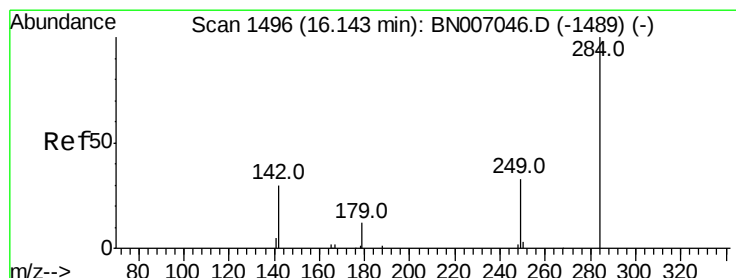
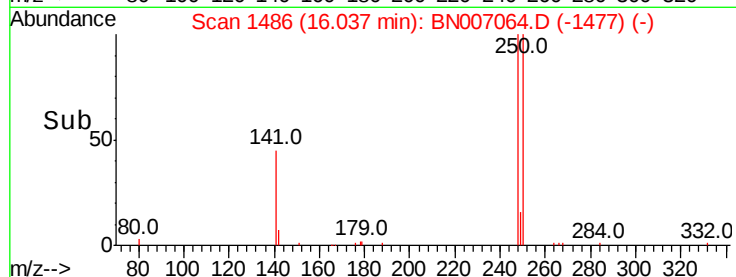
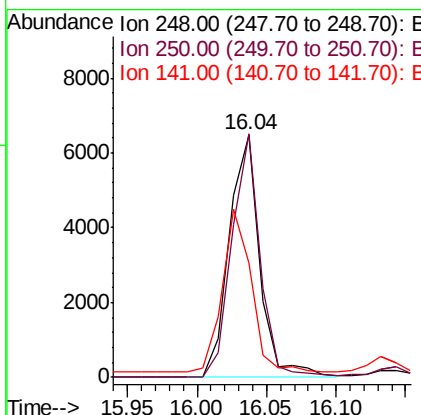
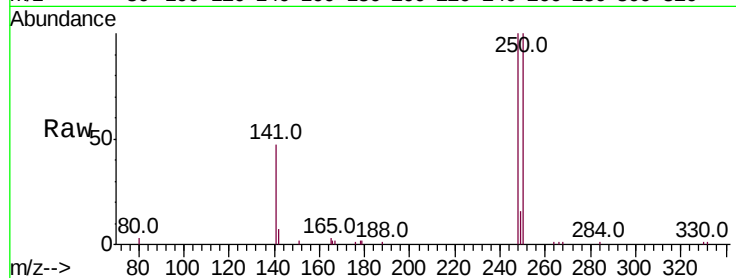




#19
4-Bromophenyl-phenylether
Concen: 0.366 ng
RT: 16.04 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN007064.D
Acq: 11 Aug 2019 00:47

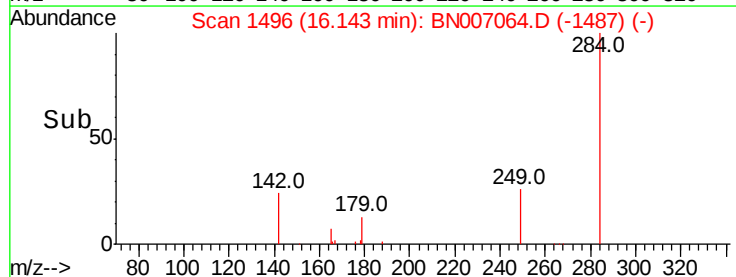
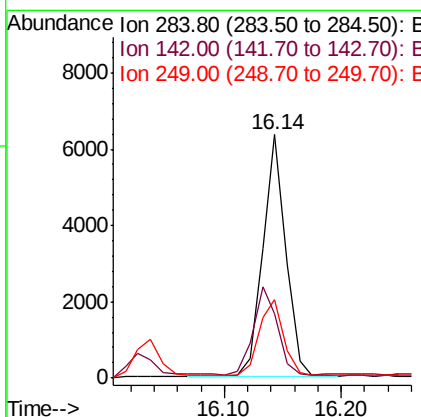
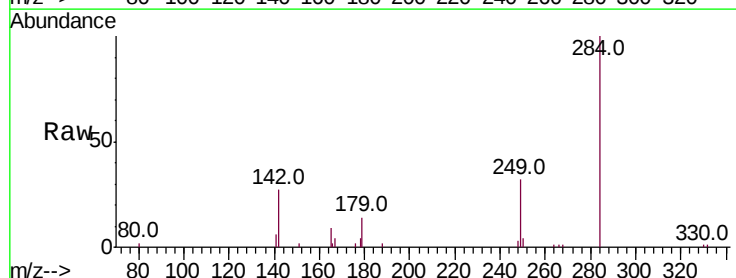
Instrument :
BNA_N
ClientSampled :

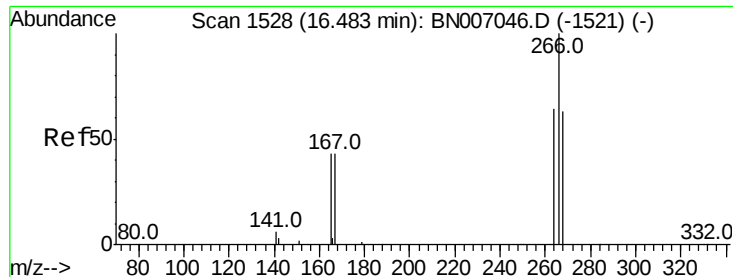
Tot Ion:248 Resp: 9944
Ion Ratio Lower Upper
248 100
250 100.3 78.9 118.3
141 47.0 43.3 64.9



#20
Hexachlorobenzene
Concen: 0.329 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007064.D
Acq: 11 Aug 2019 00:47

Tgt Ion:284 Resp: 8603
Ion Ratio Lower Upper
284 100
142 37.9 30.5 45.7
249 33.5 26.7 40.1

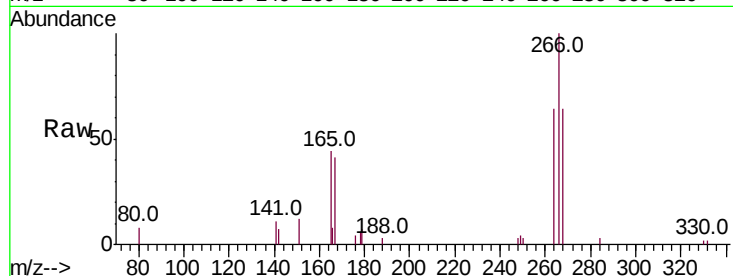




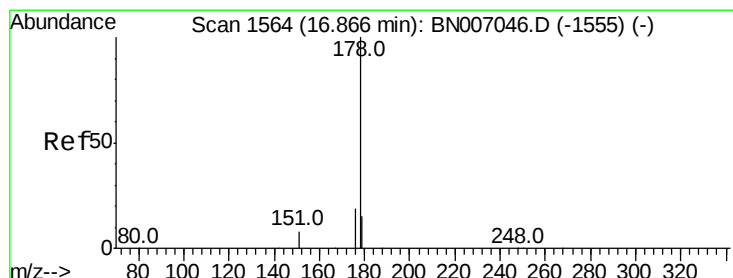
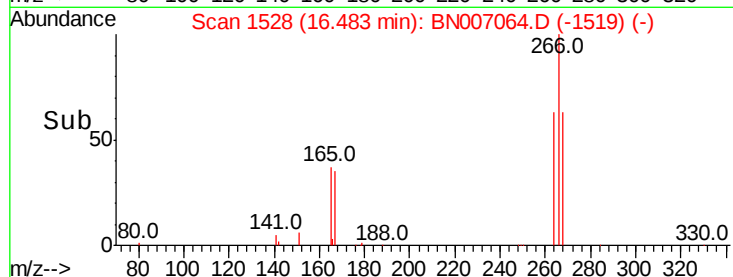
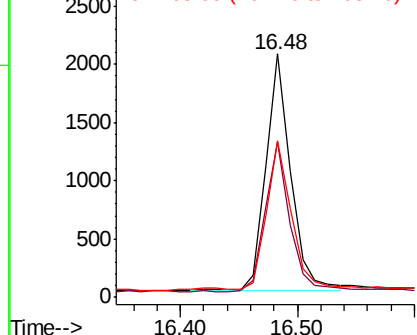
#21
 Pentachlorophenol
 Concen: 0.308 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007064.D
 Acq: 11 Aug 2019 00:47

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 2994
 Ion Ratio Lower Upper
 266 100
 264 64.0 52.3 78.5
 268 64.2 51.5 77.3

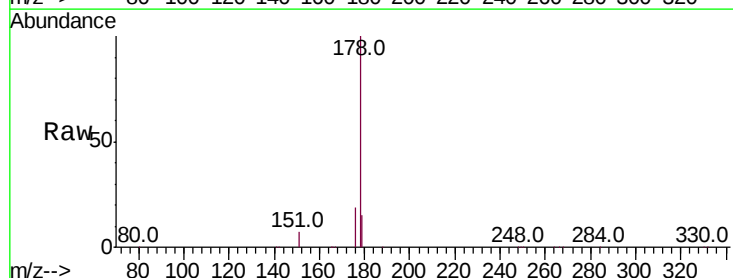


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

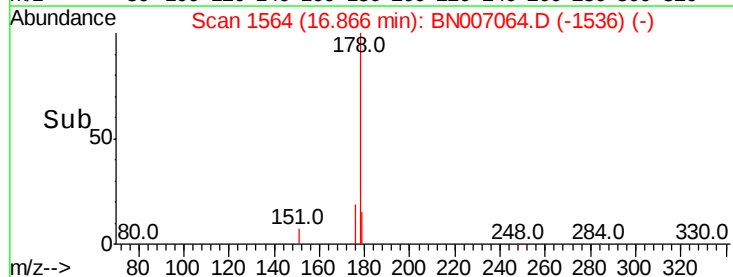
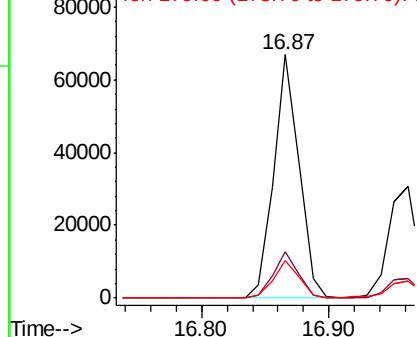


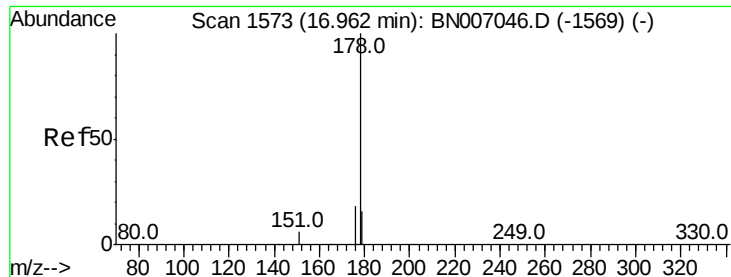
#22
 Phenanthrene
 Concen: 0.694 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007064.D
 Acq: 11 Aug 2019 00:47

Tgt Ion:178 Resp: 91389
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.3 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: 0.397 ng

RT: 16.96 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampled :

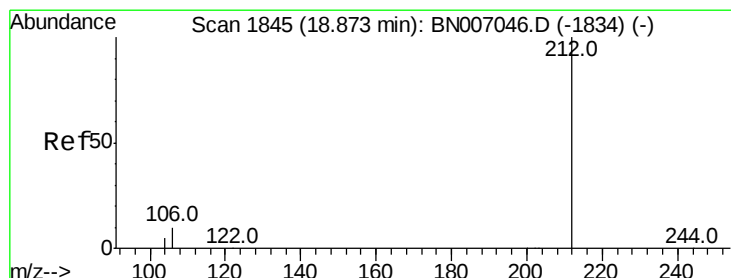
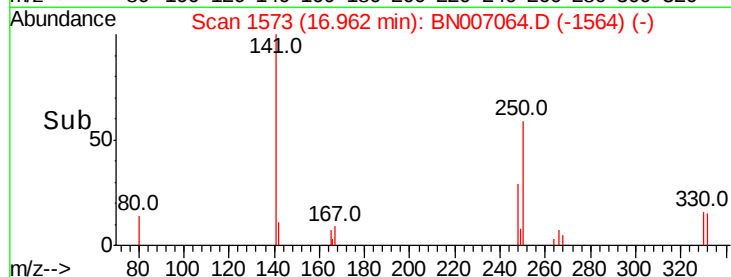
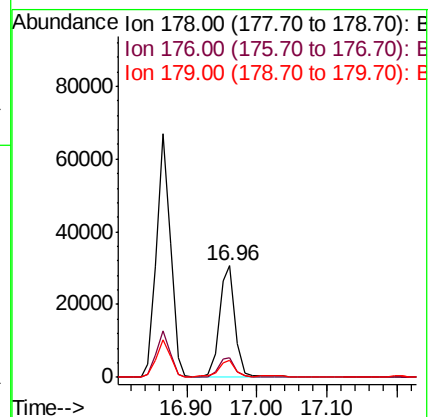
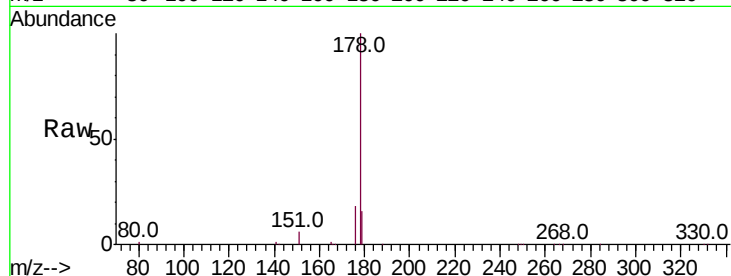
Tot Ion:178 Resp: 47725

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 15.5 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.269 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

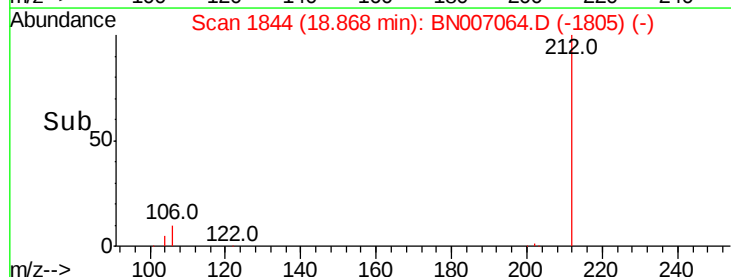
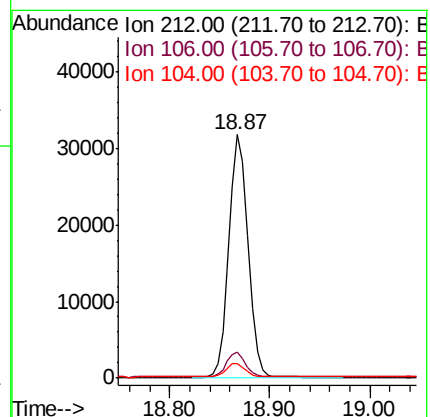
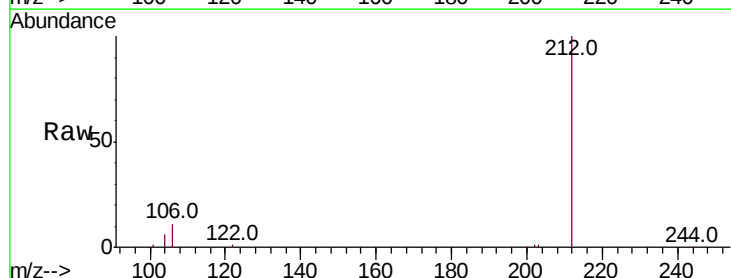
Tgt Ion:212 Resp: 41868

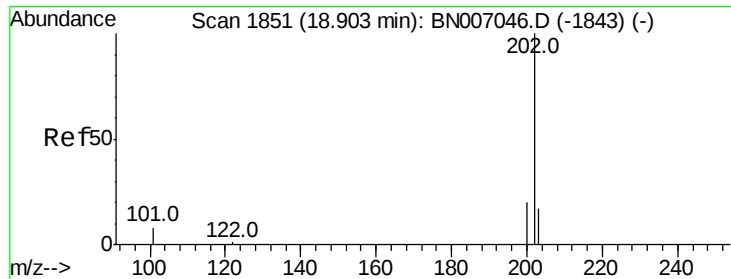
Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.2

104 5.6 4.5 6.7





#25

Fluoranthene

Concen: 0.876 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampled :

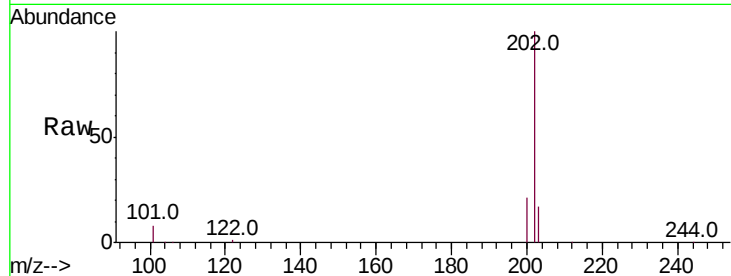
Tot Ion:202 Resp: 147461

Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.4

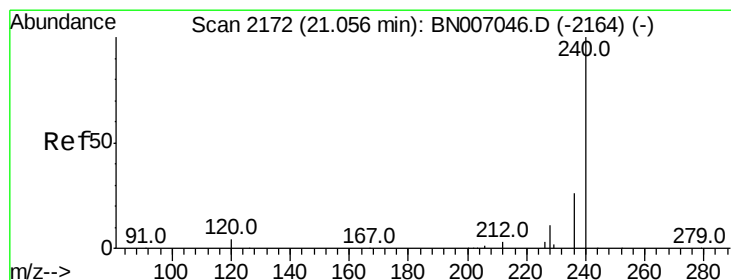
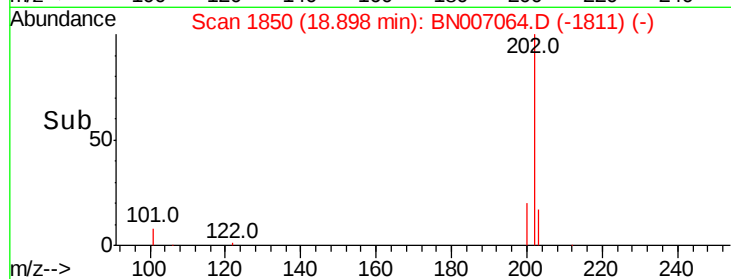
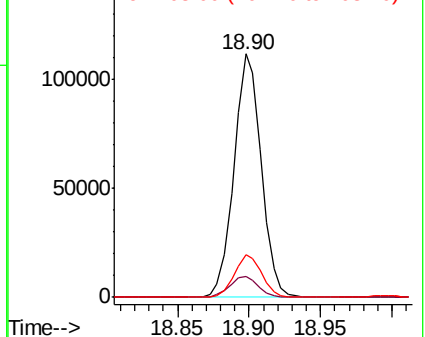
203 17.4 13.8 20.8



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: BN007064.D

Acq: 11 Aug 2019 00:47

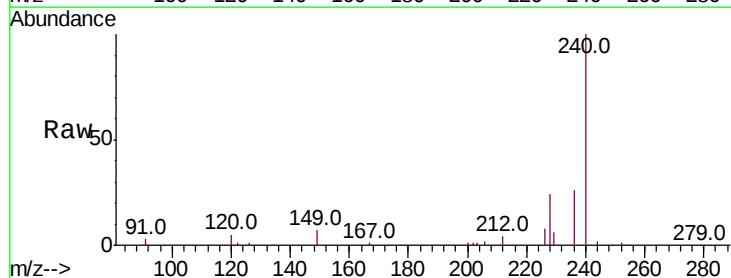
Tgt Ion:240 Resp: 44840

Ion Ratio Lower Upper

240 100

120 5.3 4.0 6.0

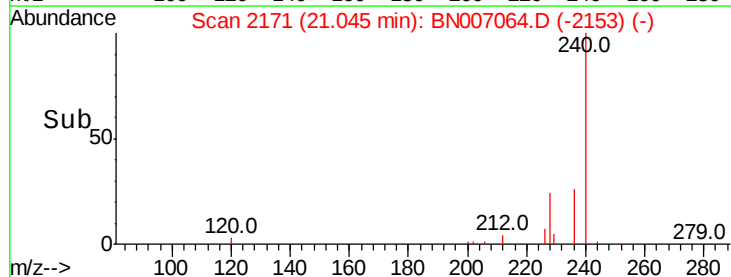
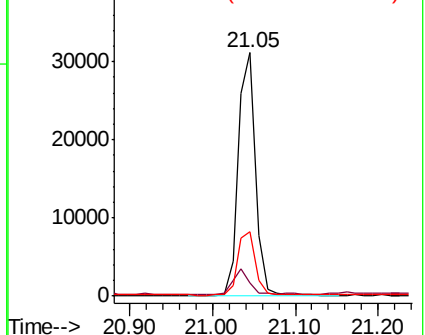
236 26.3 21.3 31.9

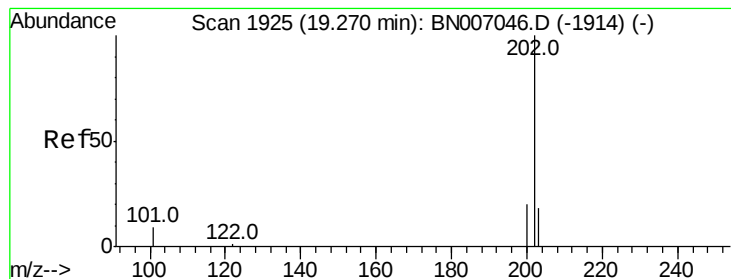


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pvrene

Concen: 0.849 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

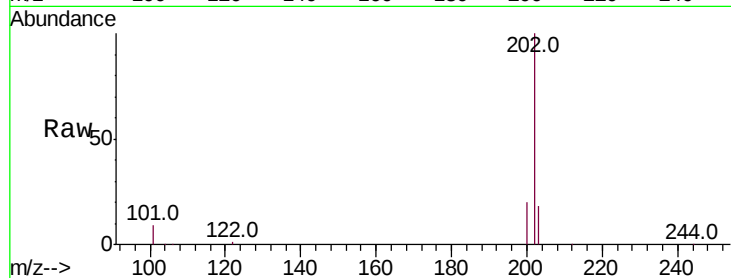
Tot Ion:202 Resp: 133538

Ion Ratio Lower Upper

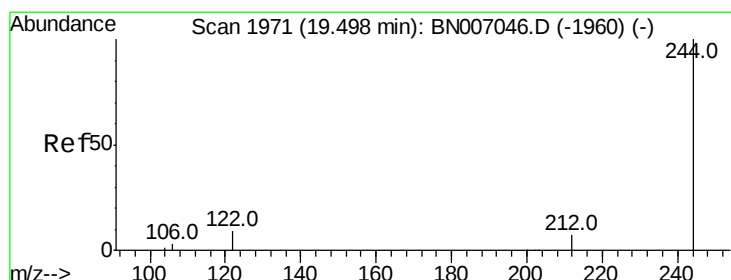
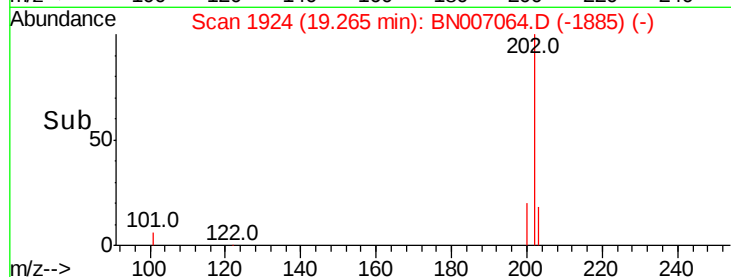
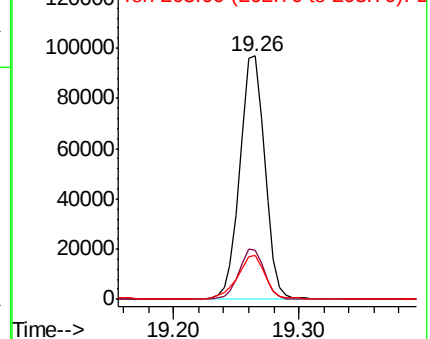
202 100

200 20.7 16.6 24.8

203 19.8 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#28

Terphenyl-d14

Concen: 0.273 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

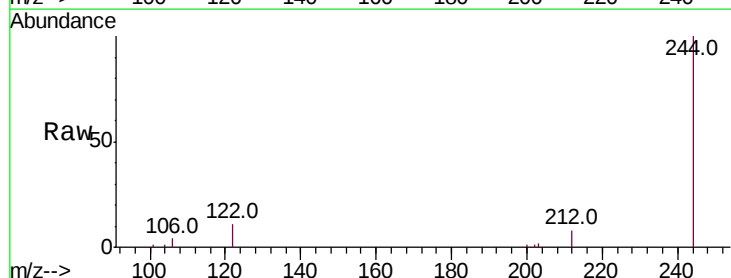
Tgt Ion:244 Resp: 33380

Ion Ratio Lower Upper

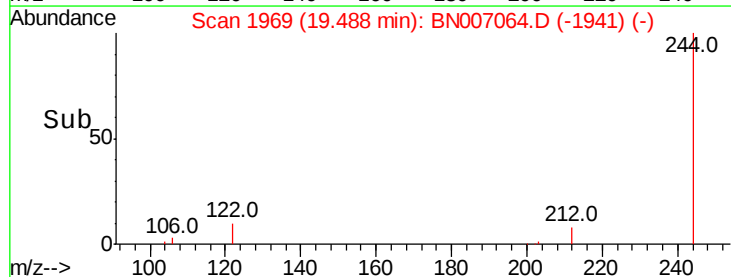
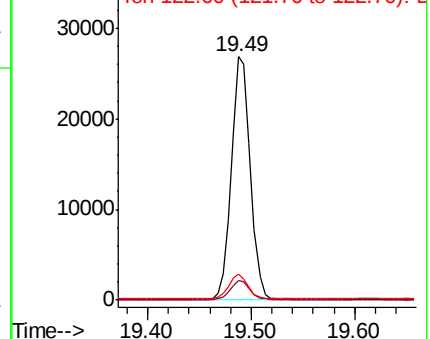
244 100

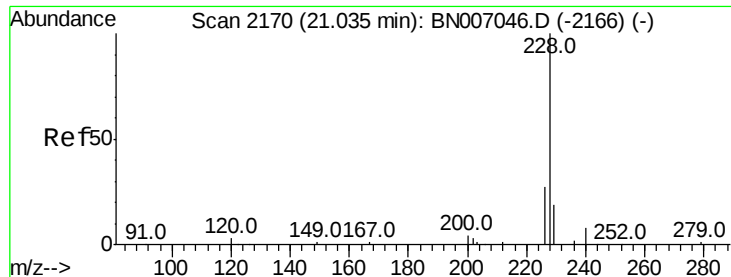
212 8.1 6.2 9.2

122 10.9 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.577 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

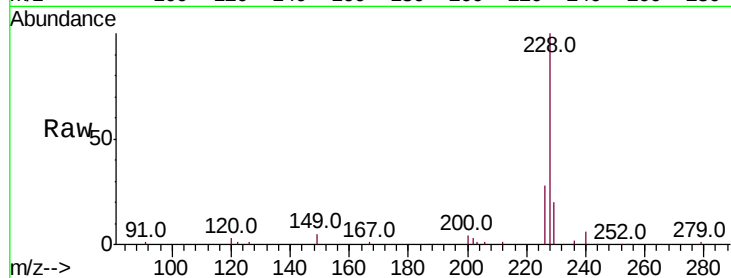
Tot Ion:228 Resp: 94699

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.6

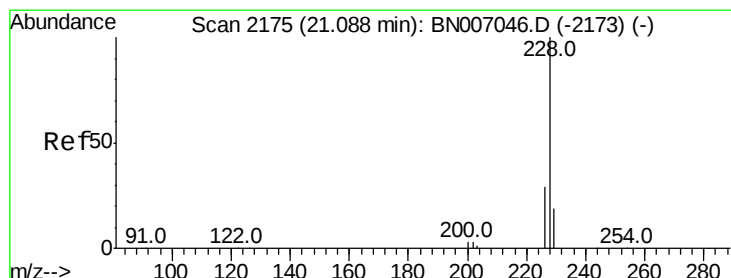
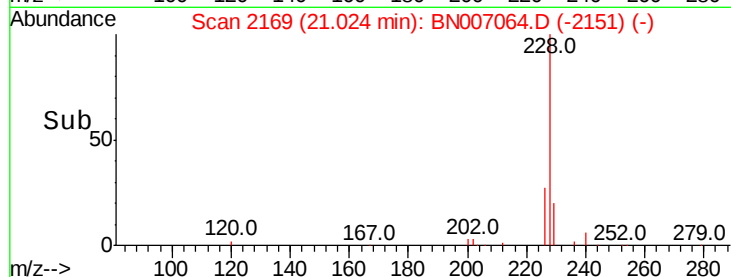
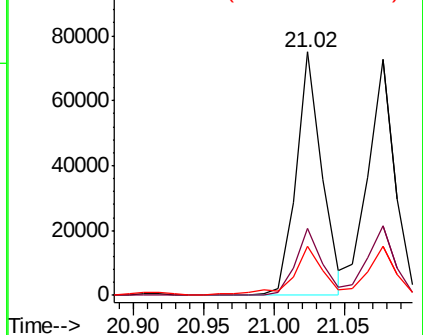
229 20.1 15.6 23.4



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: 0.602 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

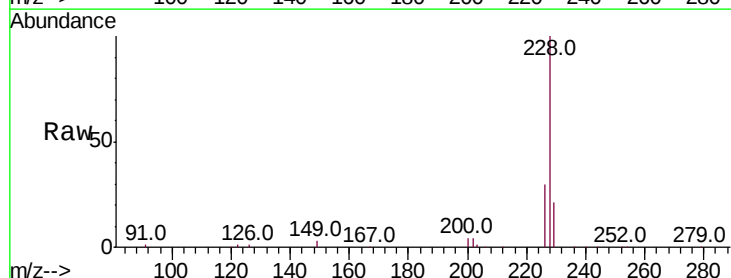
Tgt Ion:228 Resp: 95839

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

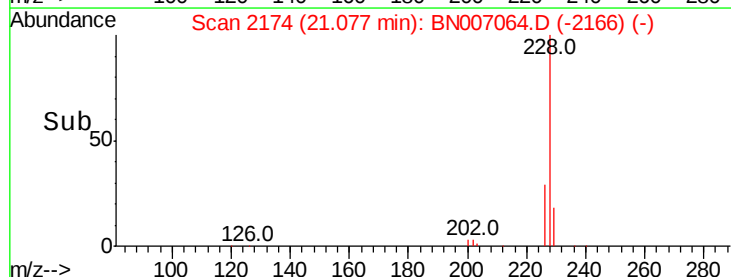
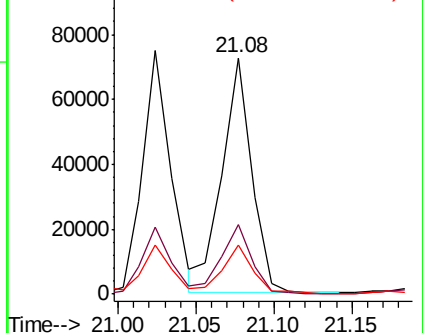
229 20.7 15.7 23.5

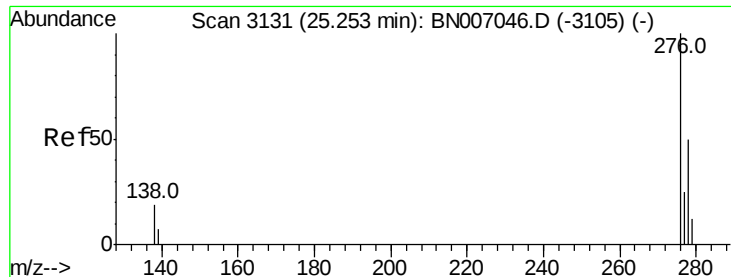


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

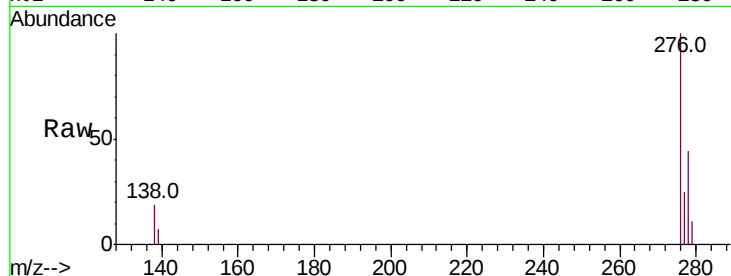




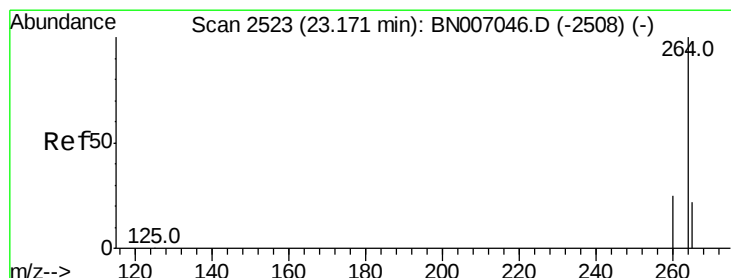
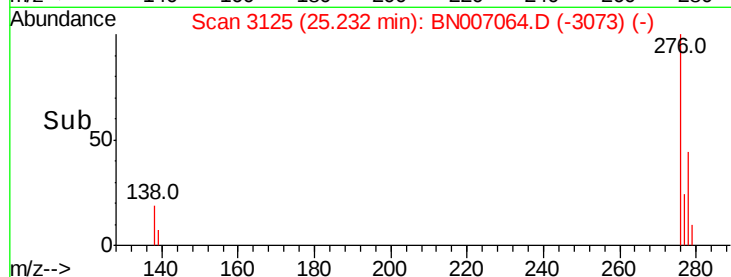
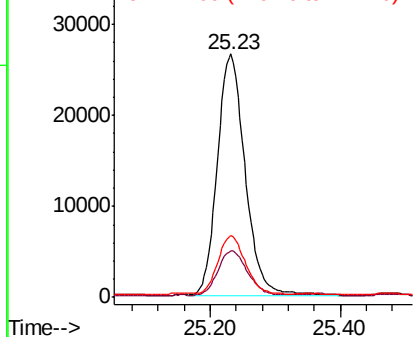
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.448 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007064.D
Acq: 11 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.0	24.0
277	23.9	19.9	29.9

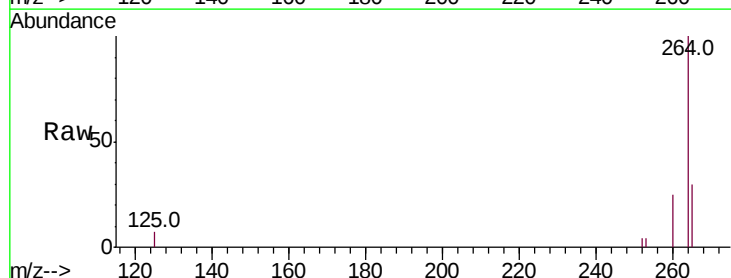


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

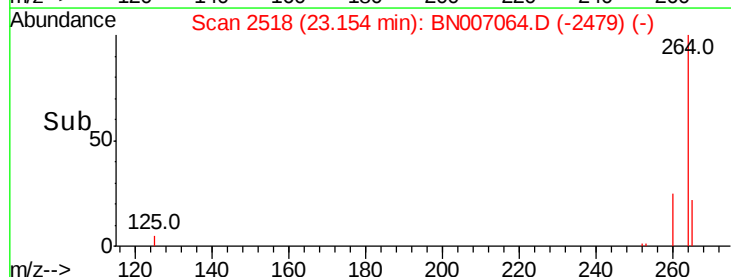
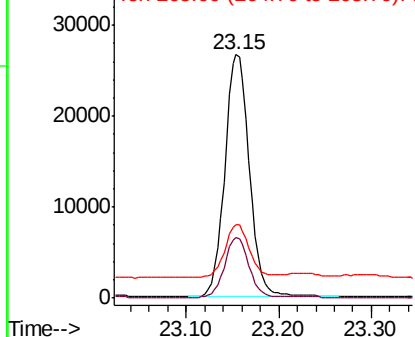


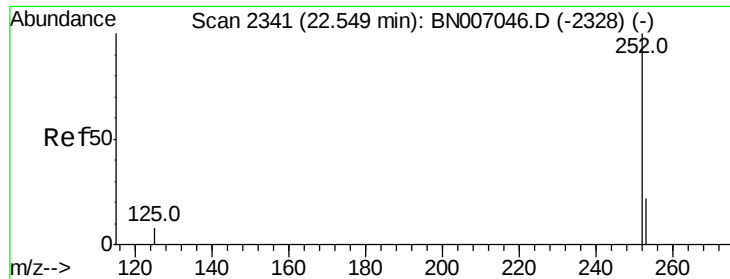
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007064.D
Acq: 11 Aug 2019 00:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	29.9	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

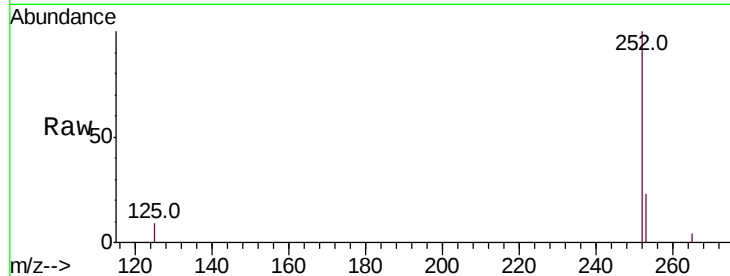




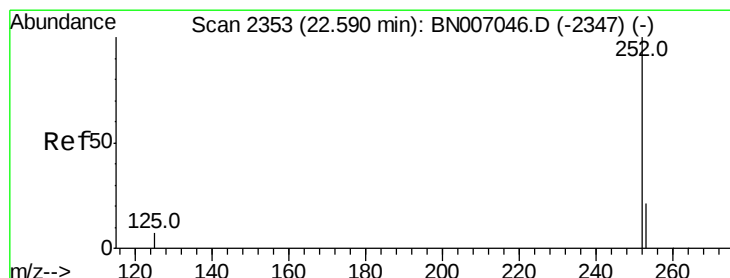
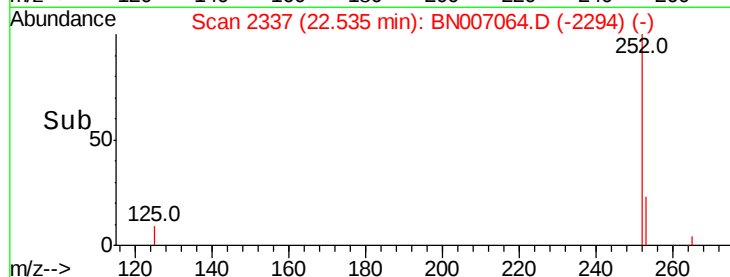
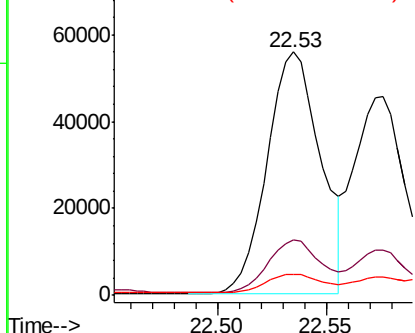
#33
Benzo(b)fluoranthene
Concen: 0.561 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007064.D
Acq: 11 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 94851
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.7 7.4 11.0

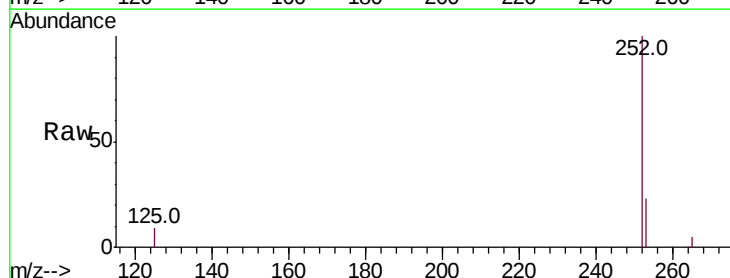


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

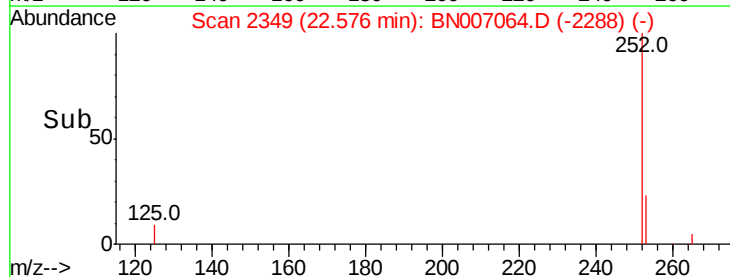
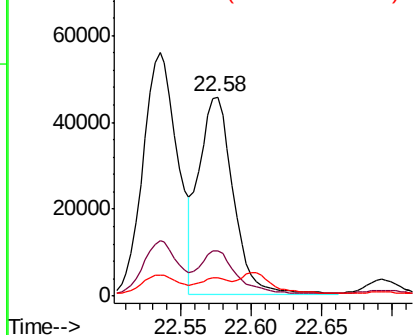


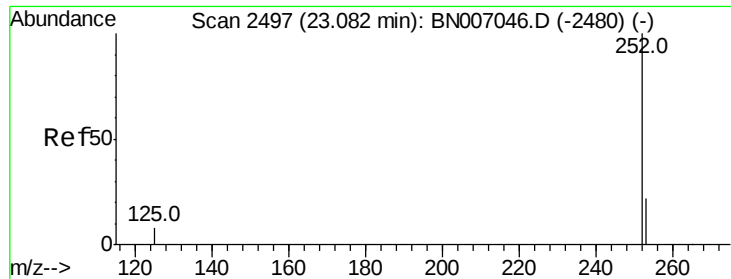
#34
Benzo(k)fluoranthene
Concen: 0.457 ng
RT: 22.58 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BN007064.D
Acq: 11 Aug 2019 00:47

Tgt Ion:252 Resp: 76407
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 9.1 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: 0.515 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

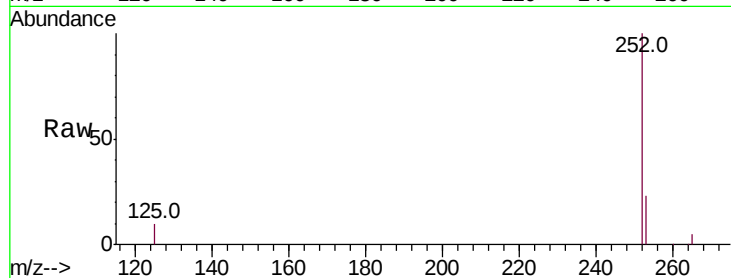
Tot Ion:252 Resp: 79011

Ion Ratio Lower Upper

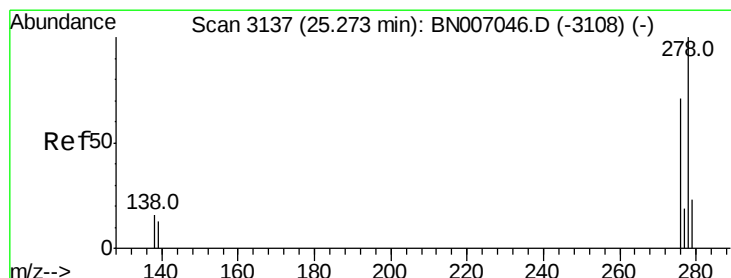
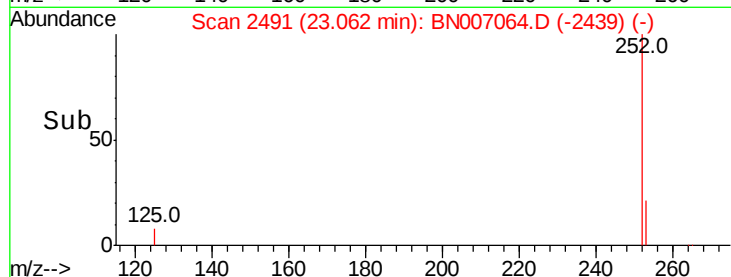
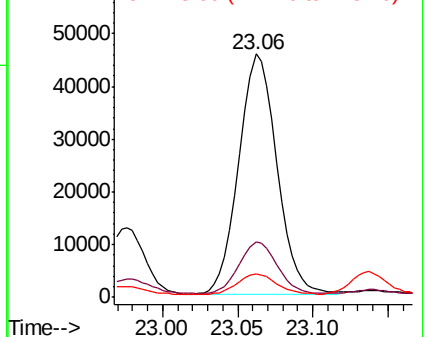
252 100

253 22.9 18.5 27.7

125 9.5 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: 0.348 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

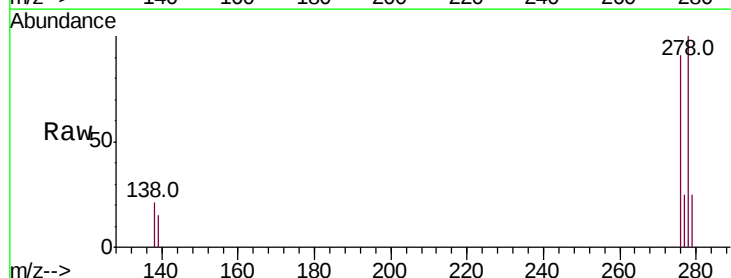
Tgt Ion:278 Resp: 53186

Ion Ratio Lower Upper

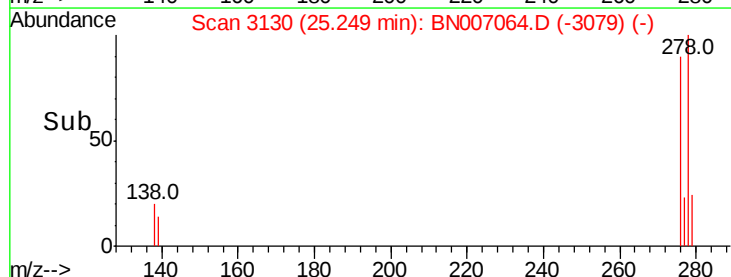
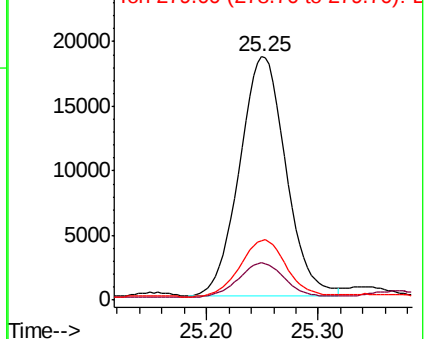
278 100

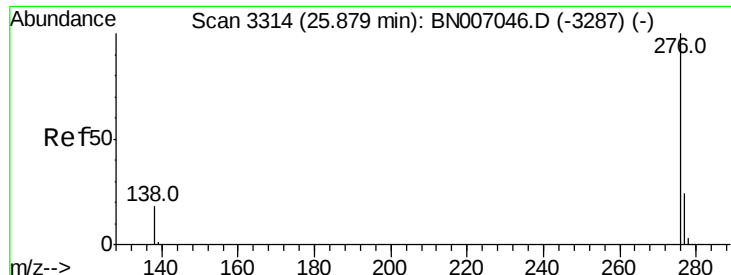
139 15.3 11.3 16.9

279 24.6 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: 0.437 ng

RT: 25.86 min Scan# 3308

Delta R.T. -0.02 min

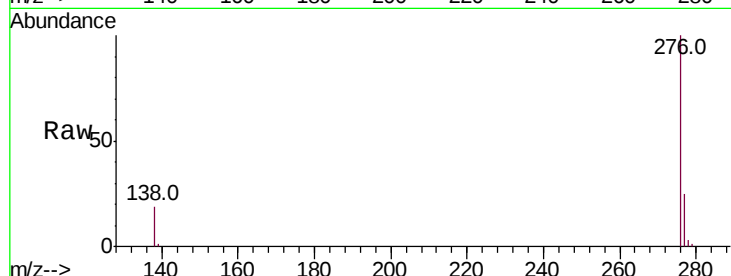
Lab File: BN007064.D

Acq: 11 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 68835

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 18.6 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

