

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081419\
 Data File : BN007185.D
 Acq On : 15 Aug 2019 04:17
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 15 11:05:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9284	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	34335	0.40	ng	0.00
12) Acenaphthene-d10	14.06	164	19025	0.40	ng	-0.01
18) Phenanthrene-d10	16.82	188	43950	0.40	ng	0.00
26) Chrysene-d12	21.03	240	43677	0.40	ng	-0.02
32) Perylene-d12	23.15	264	49557	0.40	ng	-0.02

System Monitoring Compounds						
3) 2-Fluorophenol	5.05	112	9222	0.41	ng	0.00
4) Phenol-d6	6.61	99	11463	0.41	ng	0.00
7) Nitrobenzene-d5	8.55	82	11432	0.41	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	23550	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	3471	0.34	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	3367	0.12	ng	0.00
24) Fluoranthene-d10	18.86	212	55764	0.36	ng	-0.01
28) Terphenyl-d14	19.48	244	48285	0.41	ng	-0.02

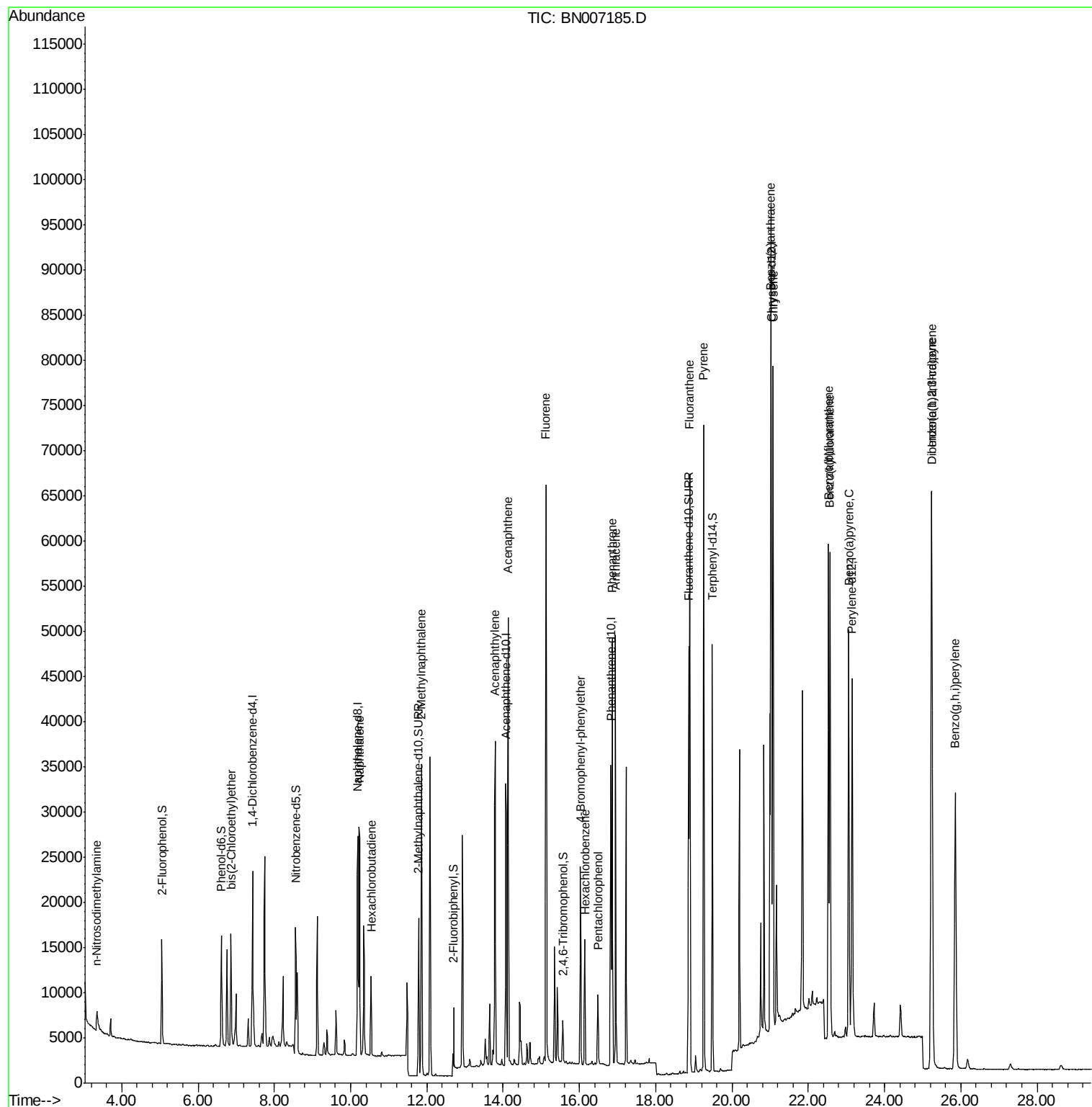
Target Compounds				Qvalue		
2) n-Nitrosodimethylamine	3.34	42	2385	0.390	ng	# 98
5) bis(2-Chloroethyl)ether	6.86	93	9899	0.405	ng	97
8) Naphthalene	10.22	128	36341	0.377	ng	99
9) Hexachlorobutadiene	10.54	225	7904	0.385	ng	# 99
11) 2-Methylnaphthalene	11.86	142	25523	0.374	ng	97
15) Acenaphthylene	13.79	152	44142	0.444	ng	100
16) Acenaphthene	14.13	154	24602	0.386	ng	99
17) Fluorene	15.12	166	32606	0.342	ng	98
19) 4-Bromophenyl-phenylether	16.03	248	10638	0.391	ng	95
20) Hexachlorobenzene	16.14	284	10627	0.406	ng	99
21) Pentachlorophenol	16.48	266	3842	0.394	ng	98
22) Phenanthrene	16.87	178	51438	0.391	ng	100
23) Anthracene	16.95	178	47587	0.395	ng	100
25) Fluoranthene	18.90	202	61291	0.364	ng	100
27) Pyrene	19.26	202	63938	0.417	ng	99
29) Benzo(a)anthracene	21.02	228	63686	0.399	ng	99
30) Chrysene	21.08	228	64457	0.415	ng	99
31) Indeno(1,2,3-cd)pyrene	25.23	276	75273	0.440	ng	98
33) Benzo(b)fluoranthene	22.53	252	66193	0.390	ng	100
34) Benzo(k)fluoranthene	22.57	252	63268	0.377	ng	98
35) Benzo(a)pyrene	23.06	252	60101	0.390	ng	99
36) Dibenzo(a,h)anthracene	25.25	278	61289	0.399	ng	97
37) Benzo(g,h,i)perylene	25.85	276	60876	0.385	ng	99

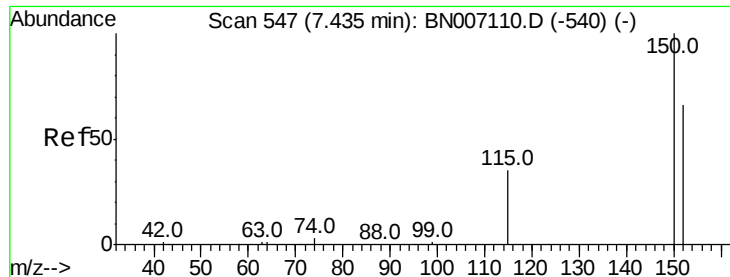
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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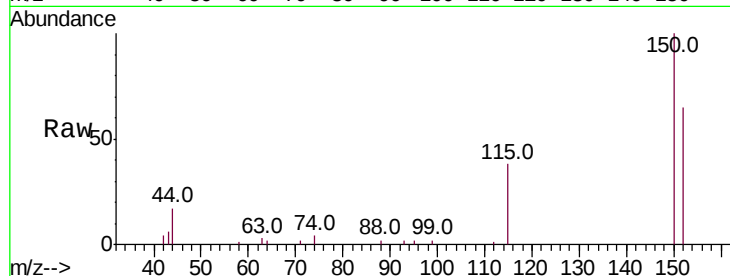


#1

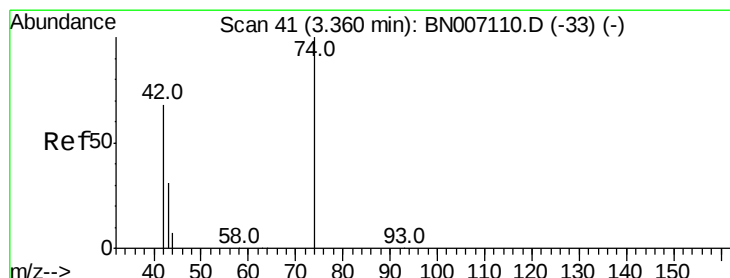
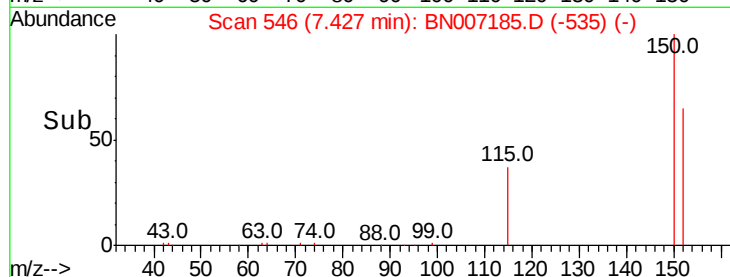
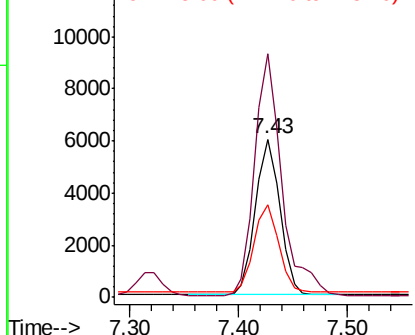
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007185.D
Acq: 15 Aug 2019 04:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9284
Ion Ratio Lower Upper
152 100
150 153.9 121.7 182.5
115 58.5 46.2 69.4



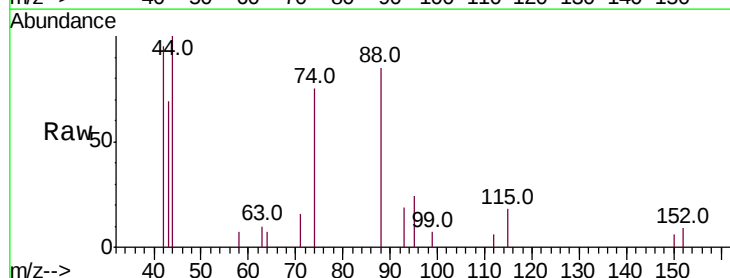
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



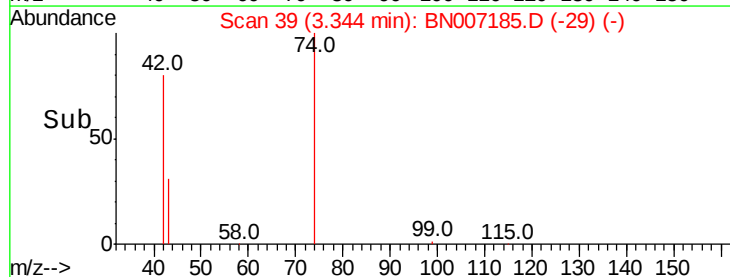
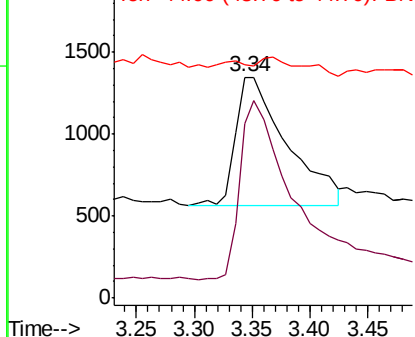
#2

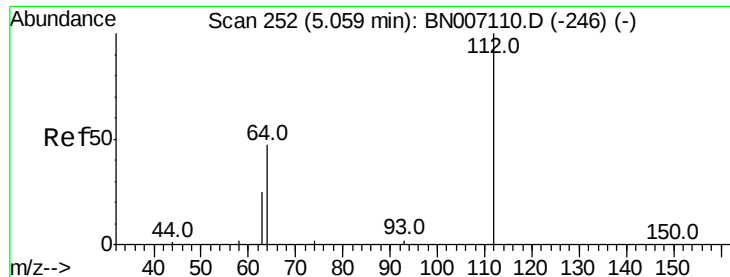
n-Nitrosodimethylamine
Concen: 0.390 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BN007185.D
Acq: 15 Aug 2019 04:17

Tgt Ion: 42 Resp: 2385
Ion Ratio Lower Upper
42 100
74 140.2 110.6 166.0
44 3.6 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: 0.413 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampleId :

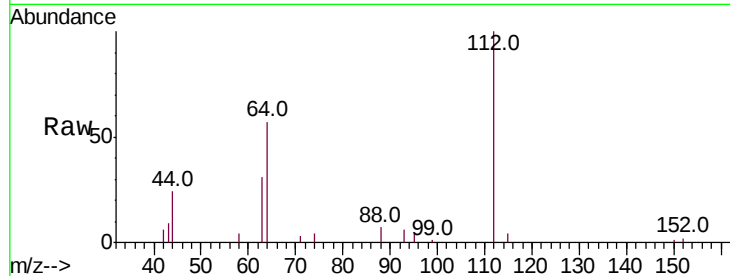
Tot Ion:112 Resp: 9222

Ion Ratio Lower Upper

112 100

64 52.3 42.6 63.8

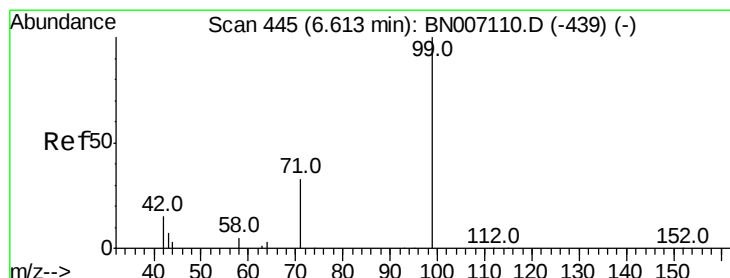
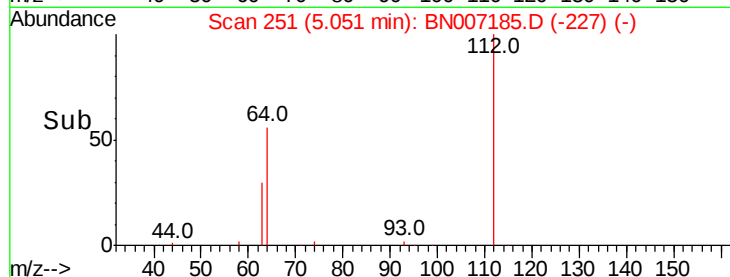
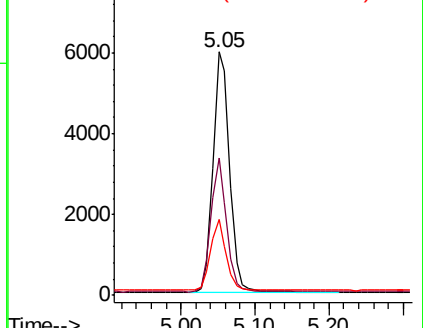
63 27.4 22.2 33.2



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: 0.415 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

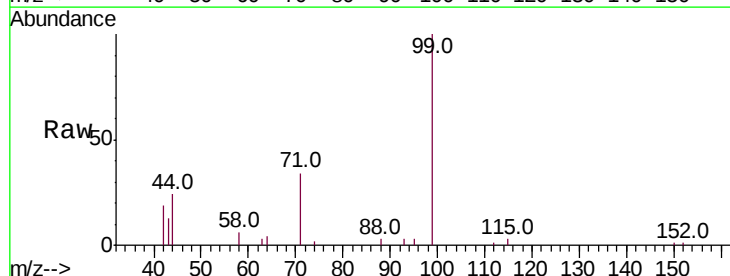
Tgt Ion: 99 Resp: 11463

Ion Ratio Lower Upper

99 100

42 18.7 15.8 23.6

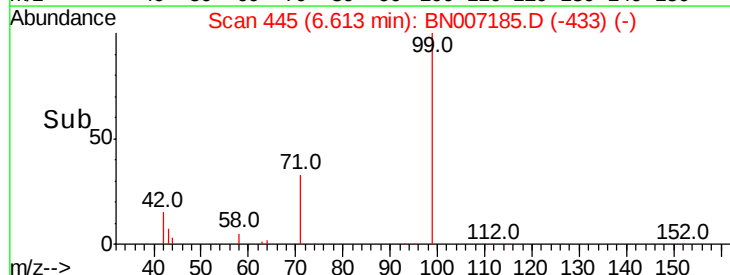
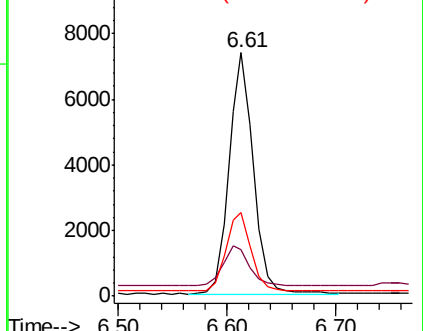
71 33.9 27.0 40.4

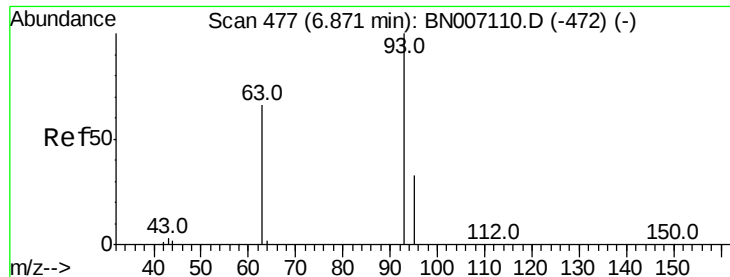


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.405 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampleId :

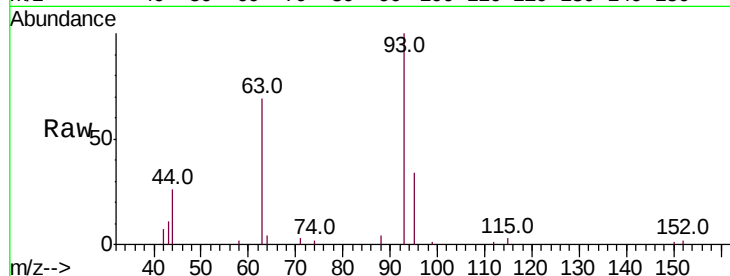
Tot Ion: 93 Resp: 9899

Ion Ratio Lower Upper

93 100

63 67.1 55.6 83.4

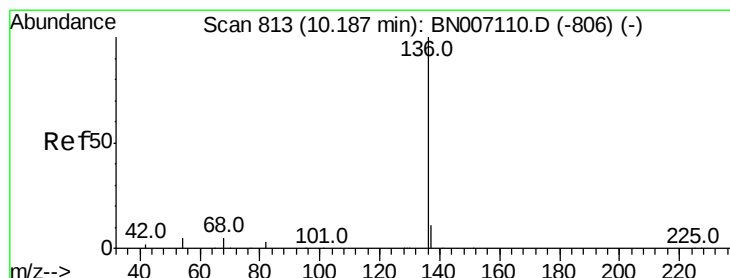
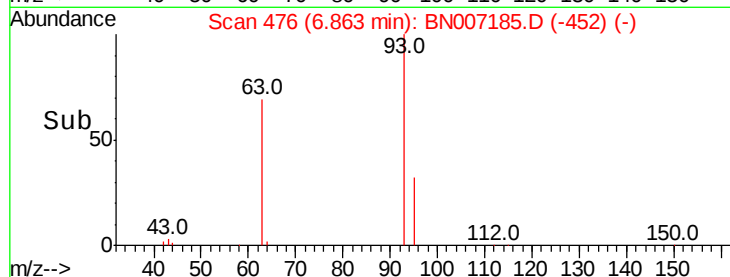
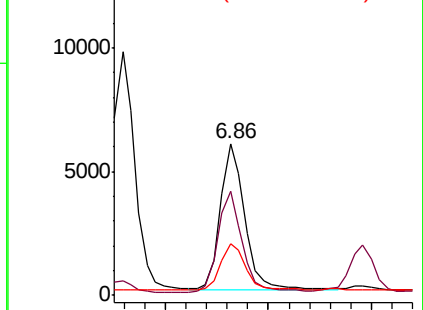
95 32.0 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007110.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007110.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007110.D (-472) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Tgt Ion: 136 Resp: 34335

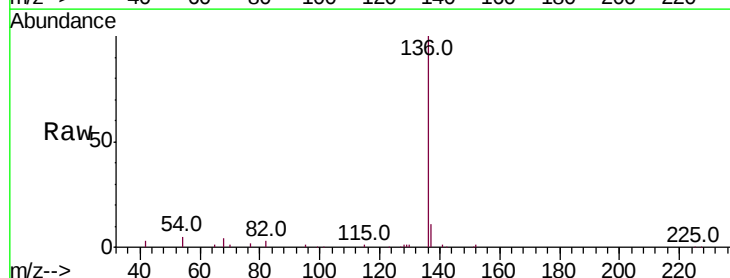
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 4.7 6.6 9.8#

68 4.3 6.0 9.0#

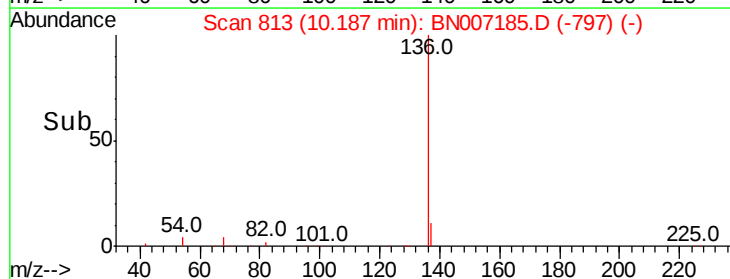
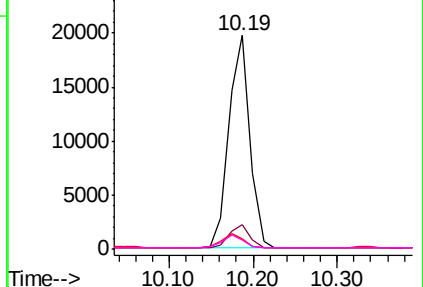


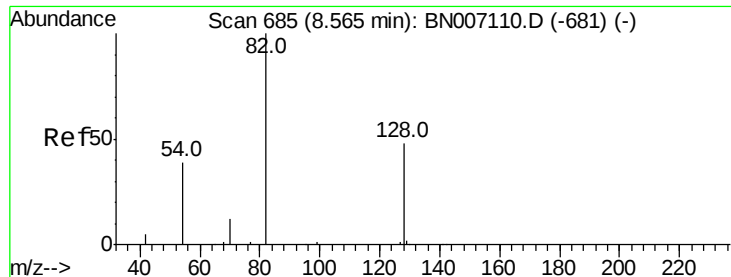
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

Ion 137.00 (136.70 to 137.70): BN007110.D (-806) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-806) (-)

Ion 68.00 (67.70 to 68.70): BN007110.D (-806) (-)





#7

Nitrobenzene-d5

Concen: 0.413 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampleId :

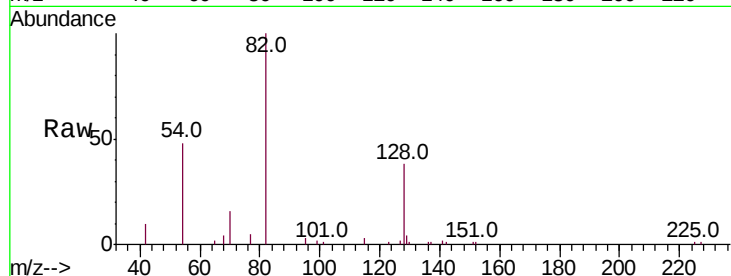
Tot Ion: 82 Resp: 11432

Ion Ratio Lower Upper

82 100

128 38.4 34.6 51.8

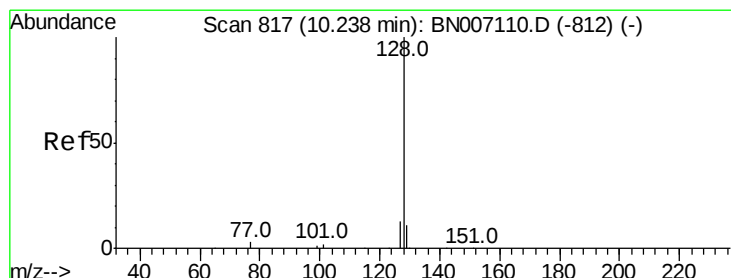
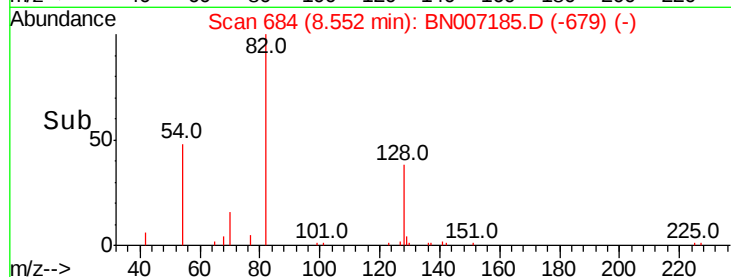
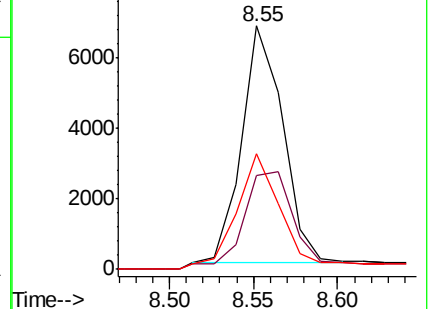
54 47.6 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007110.D (-681) (-)

Ion 128.00 (127.70 to 128.70): BN007110.D (-681) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-681) (-)



#8

Naphthalene

Concen: 0.377 ng

RT: 10.22 min Scan# 816

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

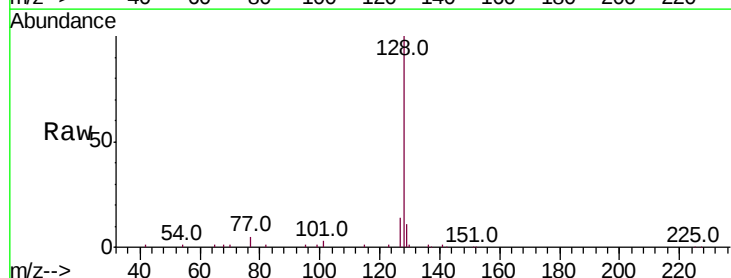
Tgt Ion: 128 Resp: 36341

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

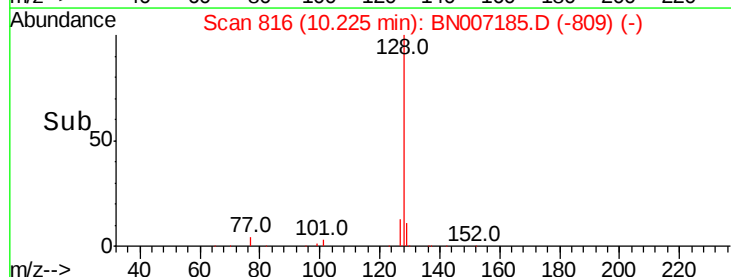
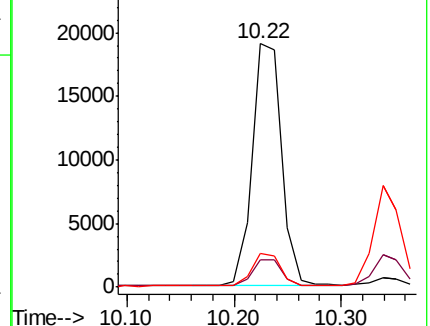
127 13.8 11.0 16.6

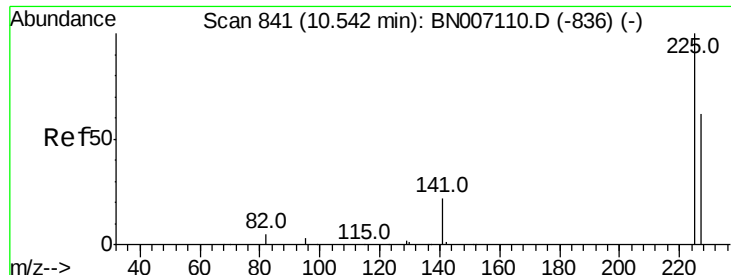


Abundance Ion 128.00 (127.70 to 128.70): BN007110.D (-812) (-)

Ion 129.00 (128.70 to 129.70): BN007110.D (-812) (-)

Ion 127.00 (126.70 to 127.70): BN007110.D (-812) (-)





#9

Hexachlorobutadiene

Concen: 0.385 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampleId :

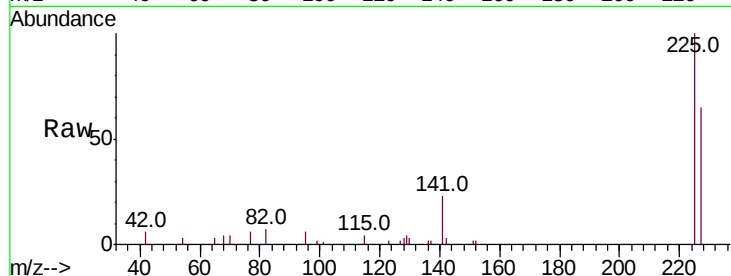
Tot Ion:225 Resp: 7904

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

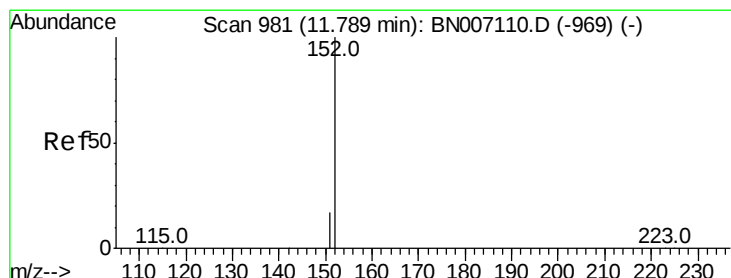
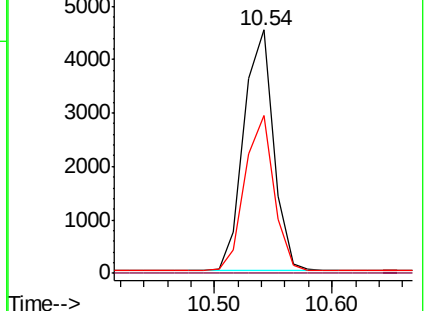
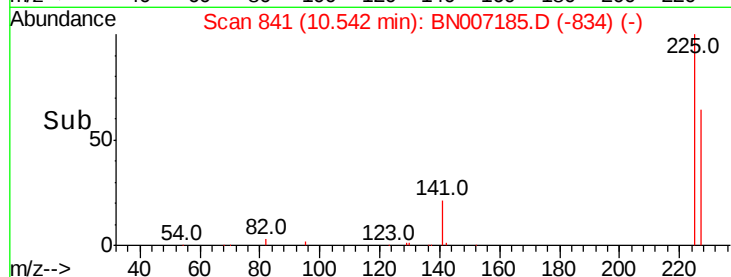
227 62.8 51.1 76.7



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: 0.368 ng

RT: 11.78 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN007185.D

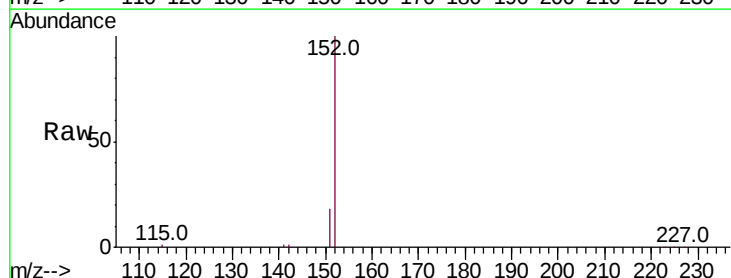
Acq: 15 Aug 2019 04:17

Tgt Ion:152 Resp: 23550

Ion Ratio Lower Upper

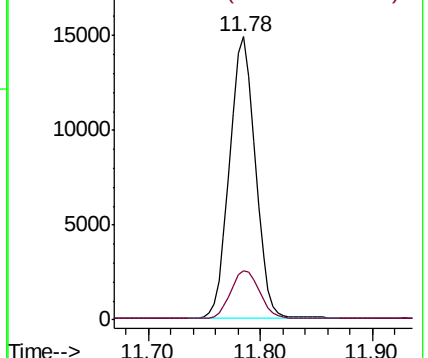
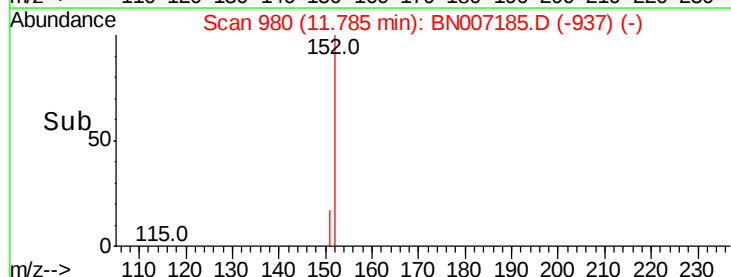
152 100

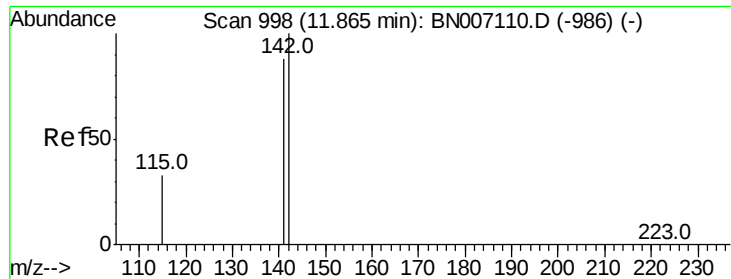
151 19.1 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

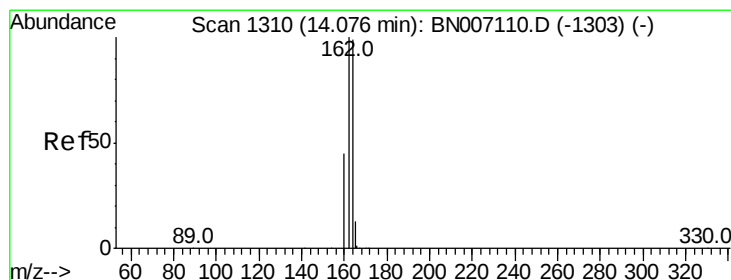
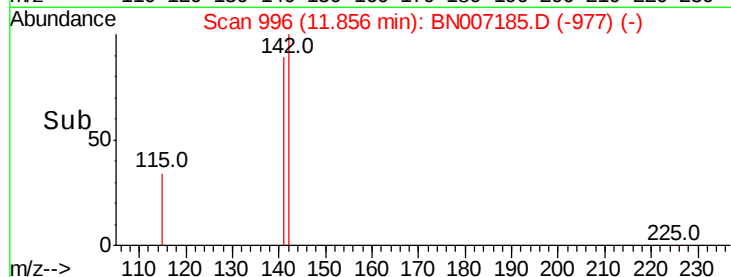
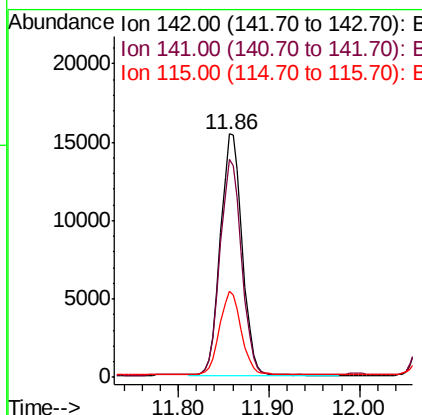
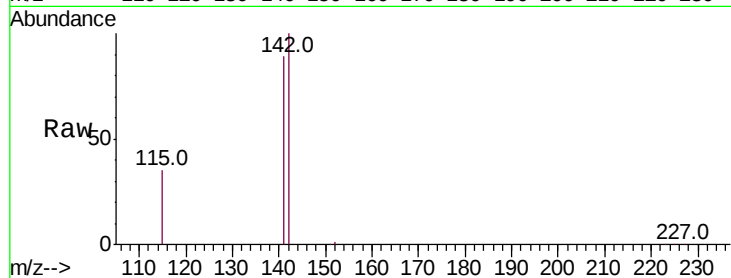




#11
2-Methylnaphthalene
Concen: 0.374 ng
RT: 11.86 min Scan# 996
Delta R.T. -0.01 min
Lab File: BN007185.D
Acq: 15 Aug 2019 04:17

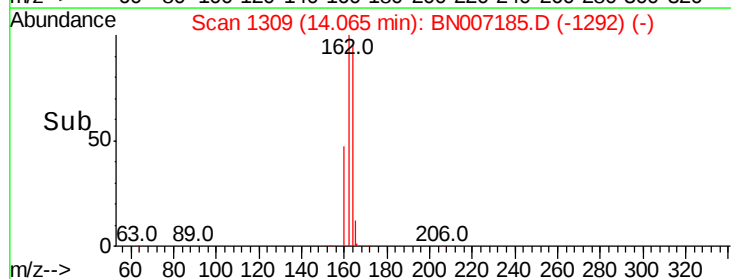
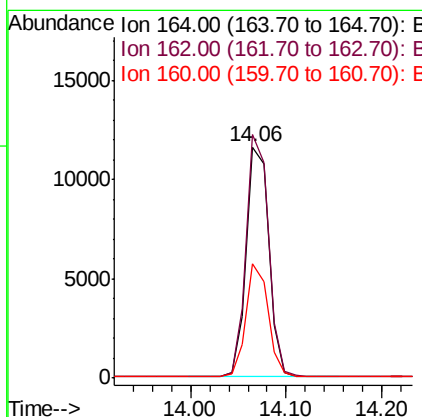
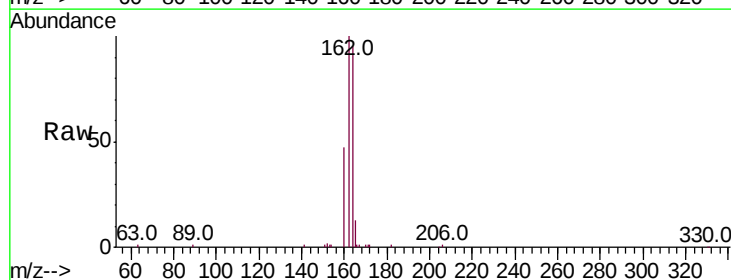
Instrument :
BNA_N
ClientSampleId :

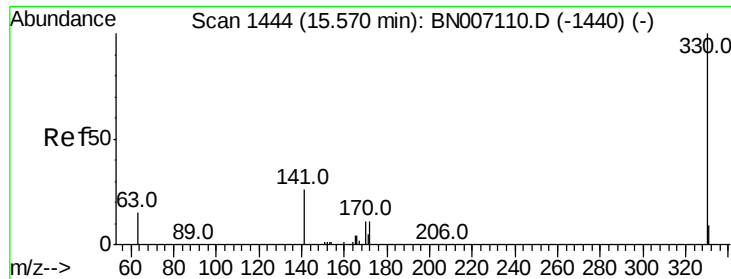
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.0	103.6
115	35.4	27.1	40.7



#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007185.D
Acq: 15 Aug 2019 04:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.2	123.4
160	49.5	38.3	57.5

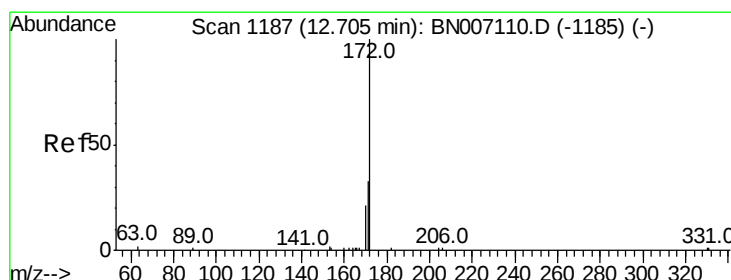
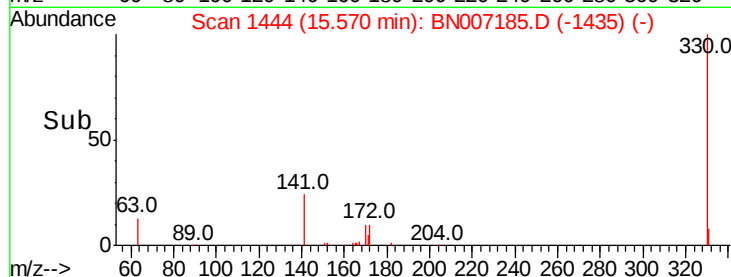
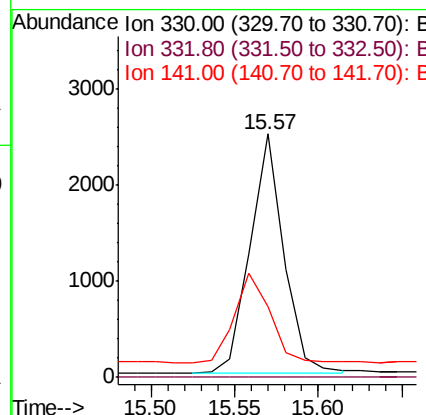
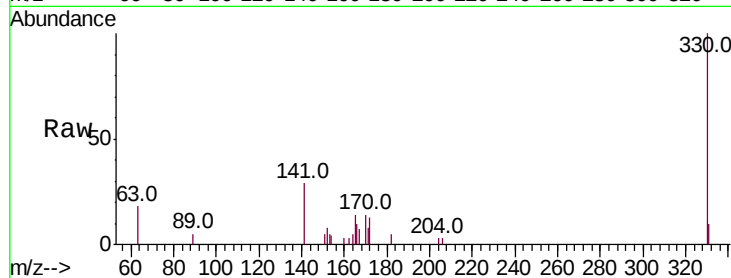




#13
 2,4,6-Tribromophenol
 Concen: 0.339 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007185.D
 Acq: 15 Aug 2019 04:17

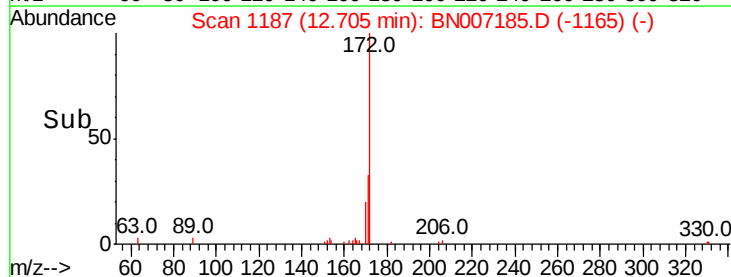
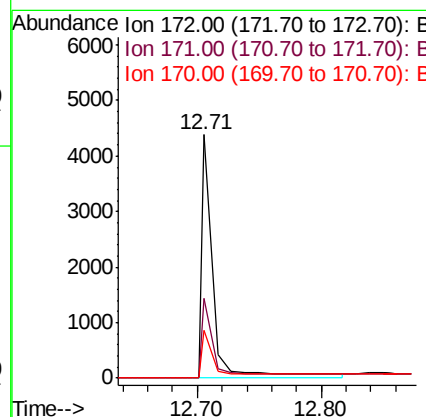
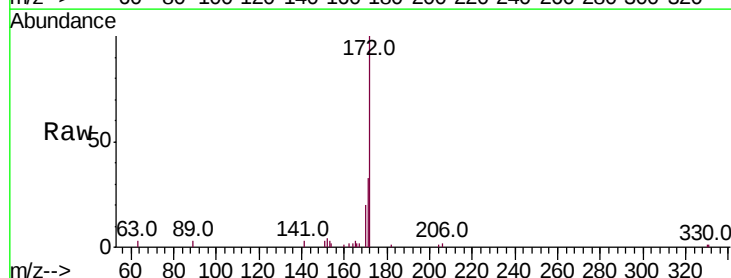
Instrument :
 BNA_N
 ClientSampleId :

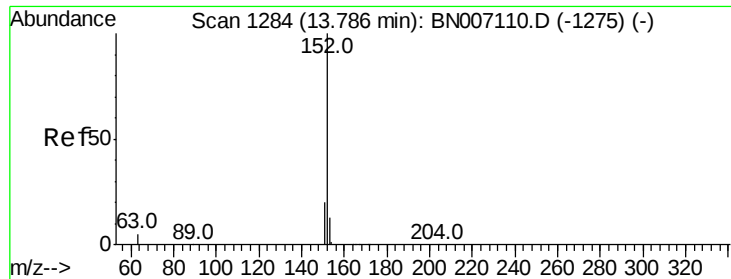
Tot Ion:330 Resp: 3471
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.4 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.122 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007185.D
 Acq: 15 Aug 2019 04:17

Tgt Ion:172 Resp: 3367
 Ion Ratio Lower Upper
 172 100
 171 32.5 26.3 39.5
 170 19.8 17.0 25.4





#15

Acenaphthylene

Concen: 0.444 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampleId :

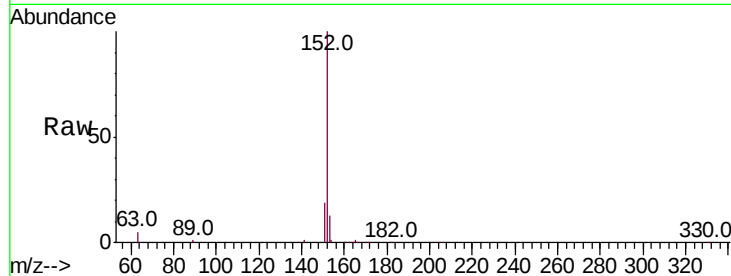
Tot Ion:152 Resp: 44142

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

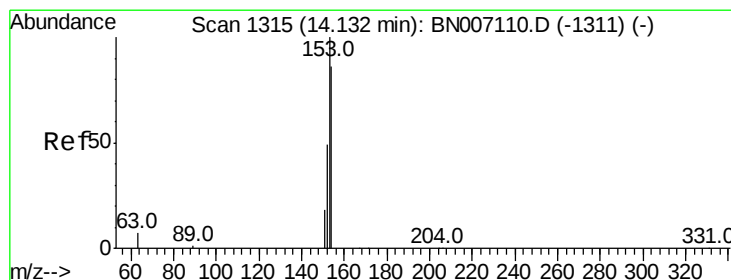
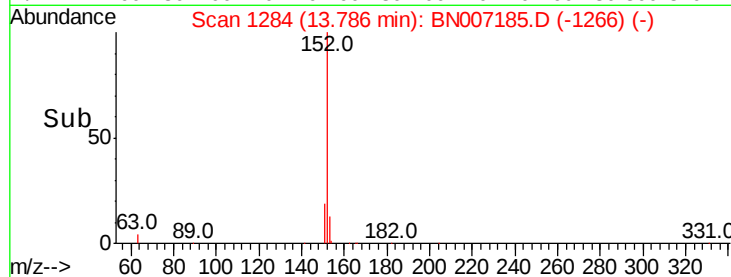
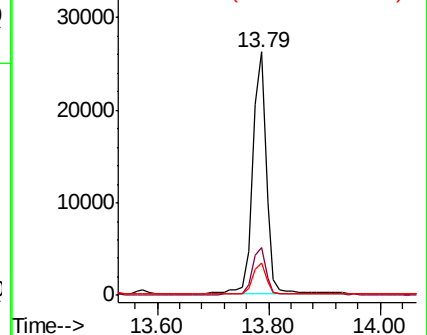
153 13.1 10.4 15.6



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



#16

Acenaphthene

Concen: 0.386 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

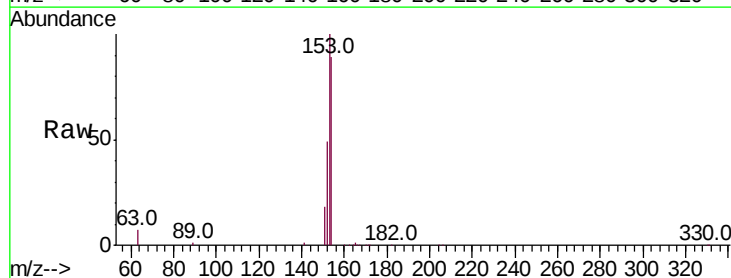
Tgt Ion:154 Resp: 24602

Ion Ratio Lower Upper

154 100

153 111.8 89.5 134.3

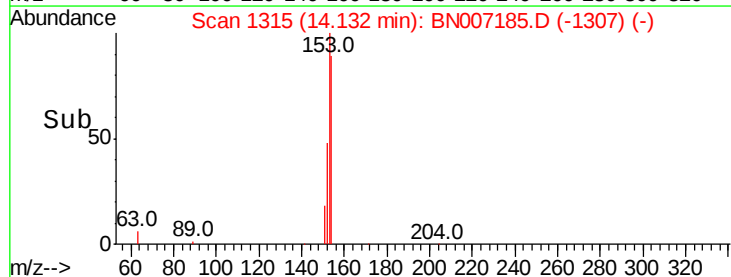
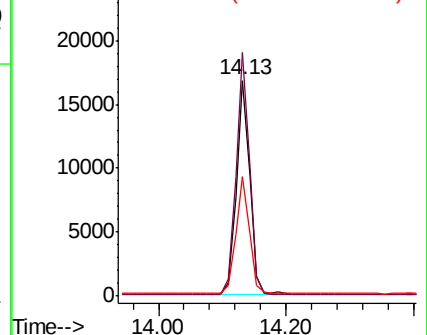
152 54.6 44.8 67.2

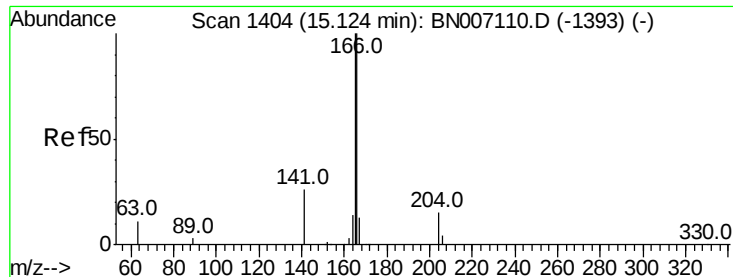


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



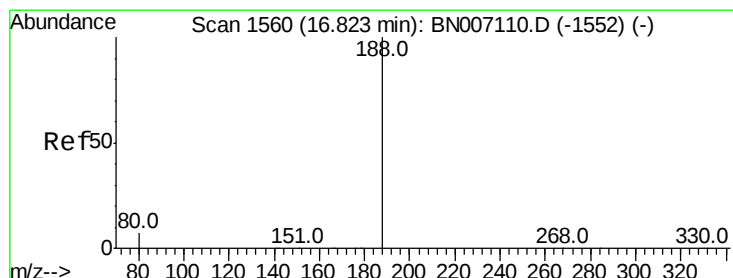
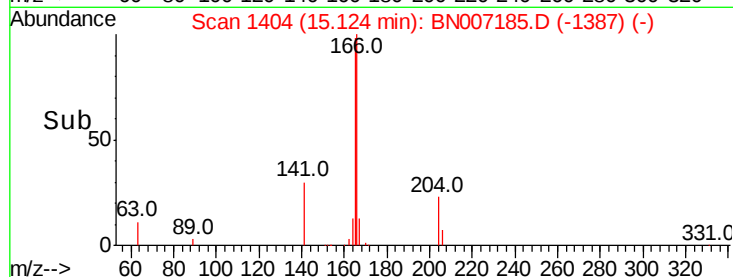
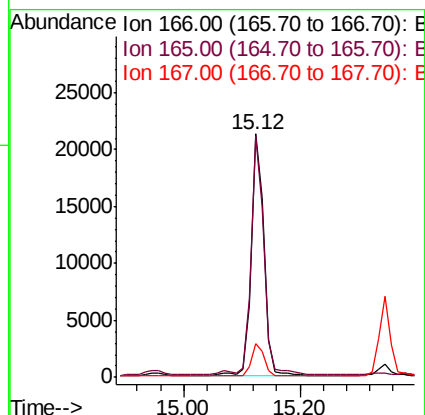
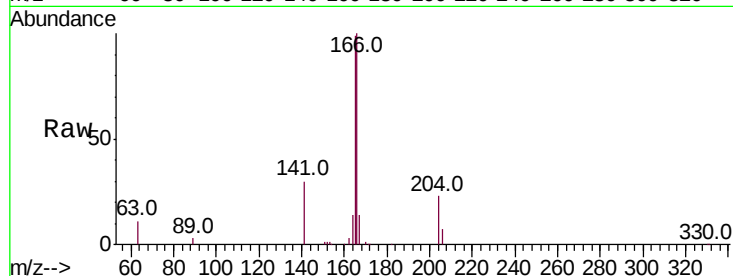


#17
Fluorene
 Concen: 0.342 ng
 RT: 15.12 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BN007185.D
 Acq: 15 Aug 2019 04:17

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 32606

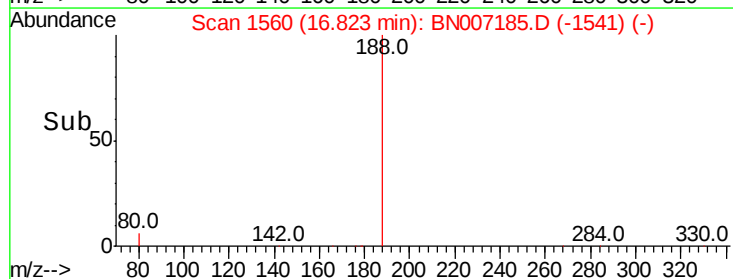
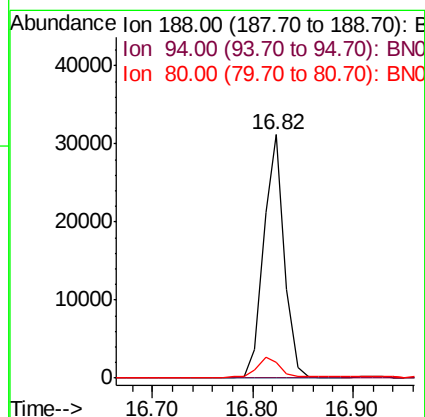
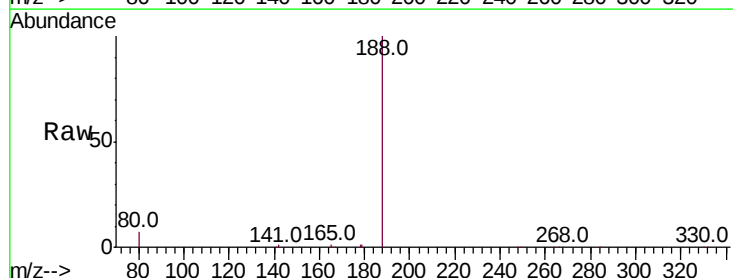
Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.9	116.9
167	13.8	10.9	16.3

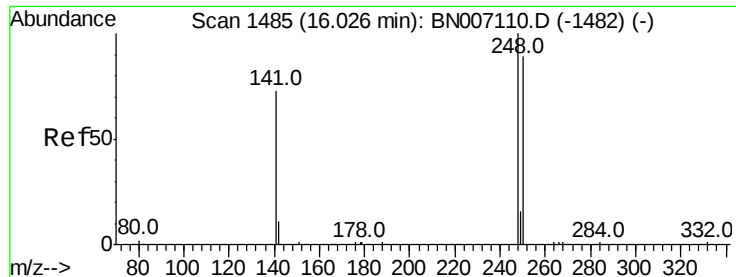


#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007185.D
 Acq: 15 Aug 2019 04:17

Tgt Ion:188 Resp: 43950

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	7.8	11.6#





#19

4-Bromophenyl-phenylether

Concen: 0.391 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampled :

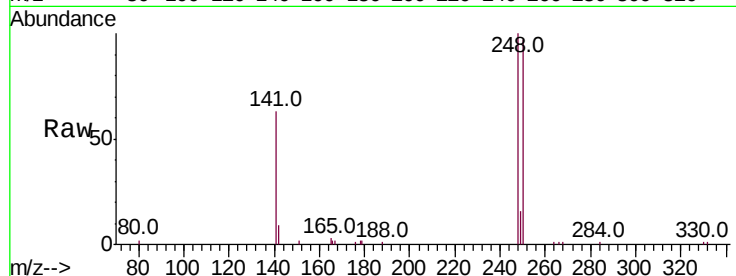
Tot Ion:248 Resp: 10638

Ion Ratio Lower Upper

248 100

250 97.2 78.9 118.3

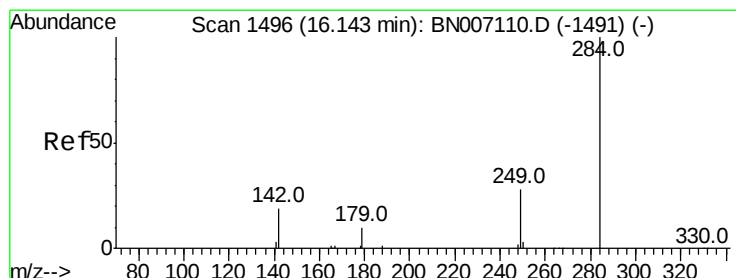
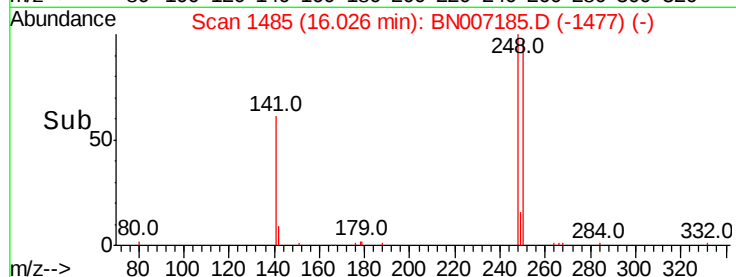
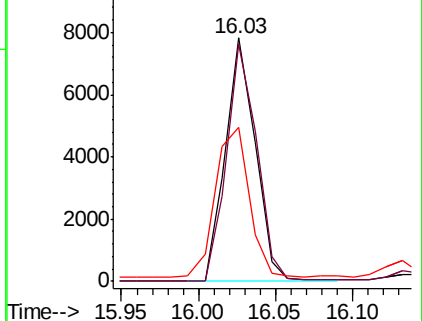
141 63.3 43.3 64.9



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: 0.406 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

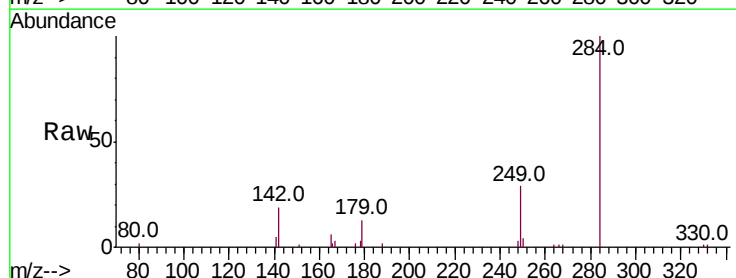
Tgt Ion:284 Resp: 10627

Ion Ratio Lower Upper

284 100

142 37.3 30.5 45.7

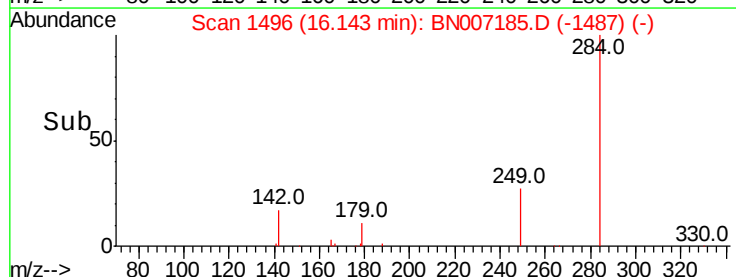
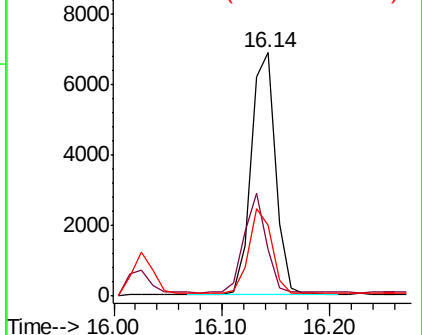
249 33.4 26.7 40.1

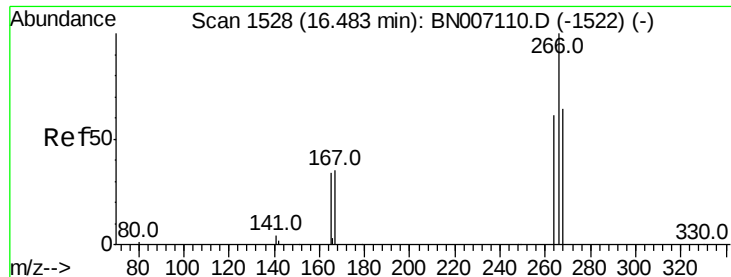


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

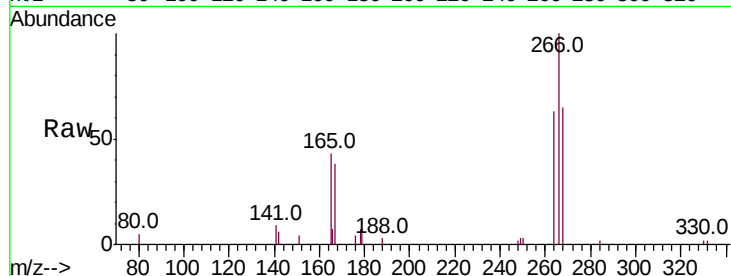




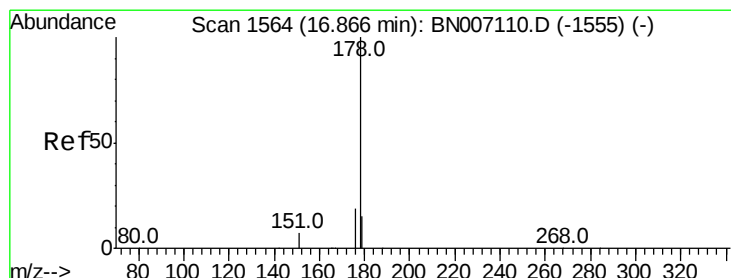
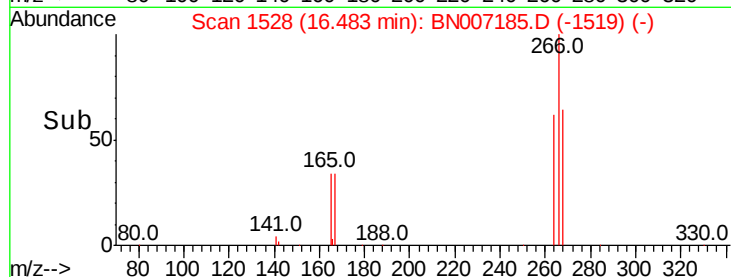
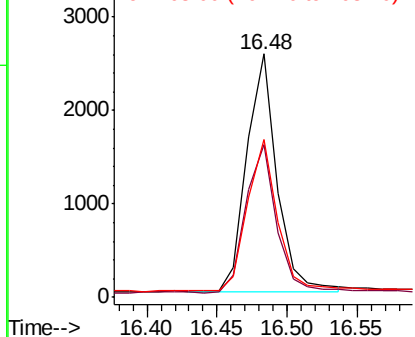
#21
 Pentachlorophenol
 Concen: 0.394 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007185.D
 Acq: 15 Aug 2019 04:17

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 3842
 Ion Ratio Lower Upper
 266 100
 264 62.7 52.3 78.5
 268 65.0 51.5 77.3

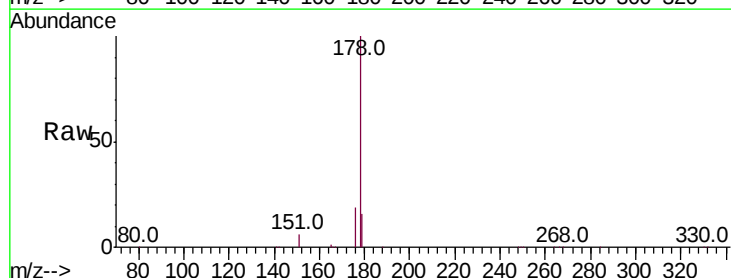


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

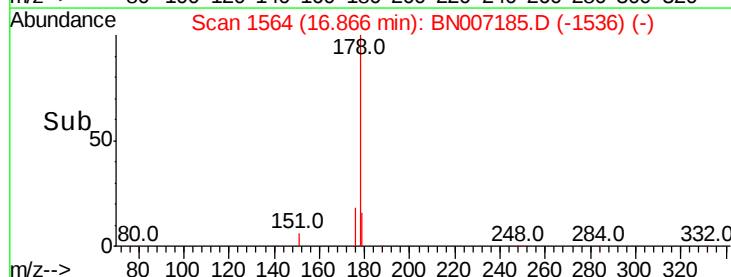
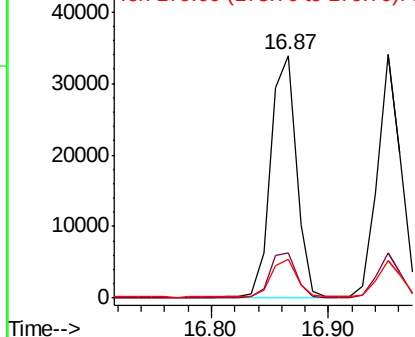


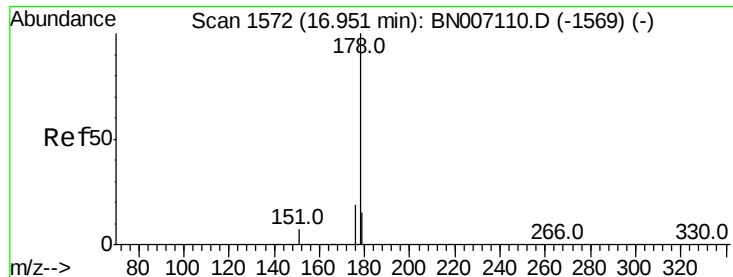
#22
 Phenanthrene
 Concen: 0.391 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007185.D
 Acq: 15 Aug 2019 04:17

Tgt Ion:178 Resp: 51438
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.7 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: 0.395 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

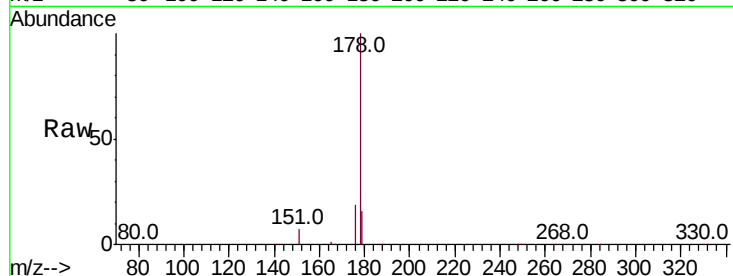
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 47587

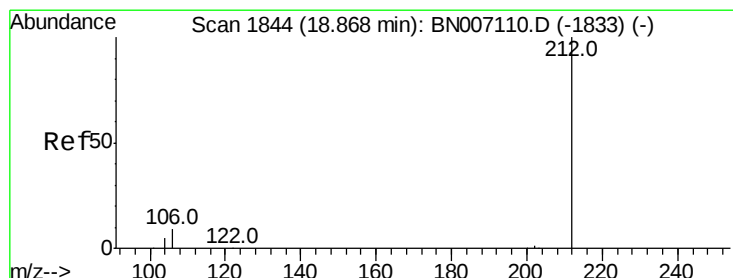
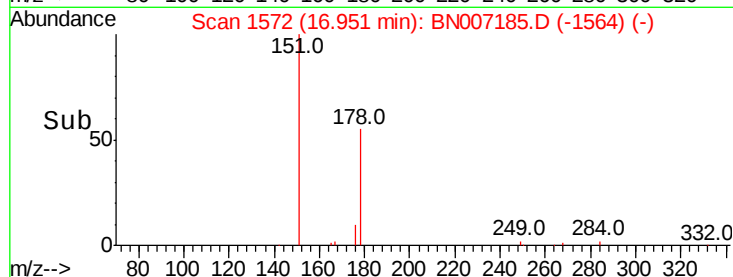
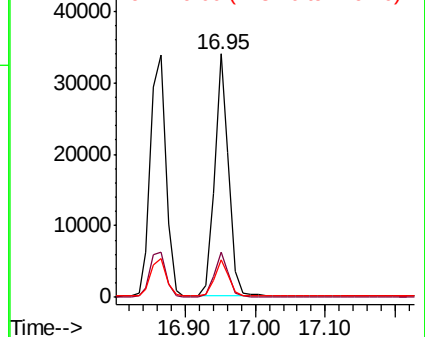
Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.2	12.5	18.7



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: 0.358 ng

RT: 18.86 min Scan# 1843

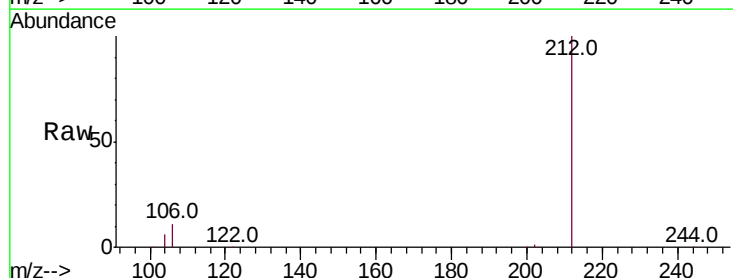
Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Tgt Ion:212 Resp: 55764

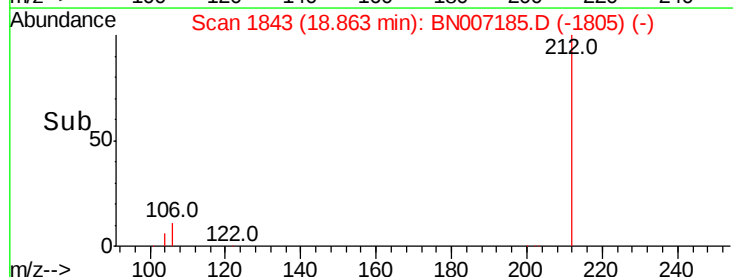
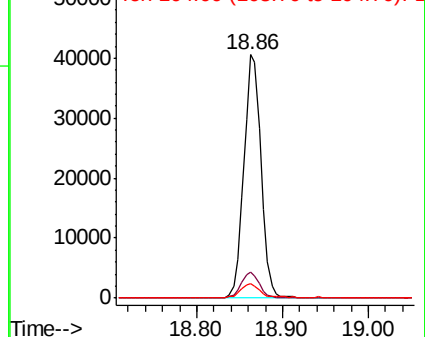
Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.2
104	5.8	4.5	6.7

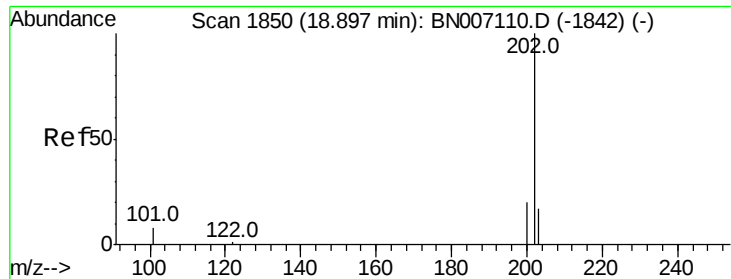


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.364 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampleId :

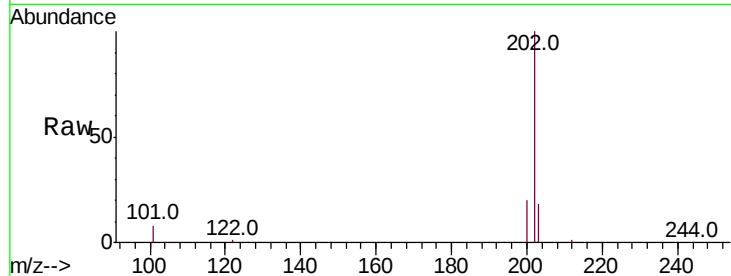
Tot Ion:202 Resp: 61291

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

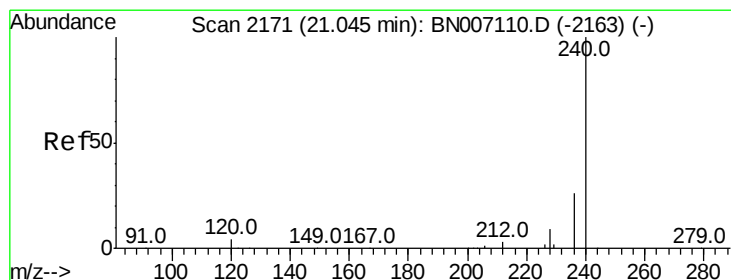
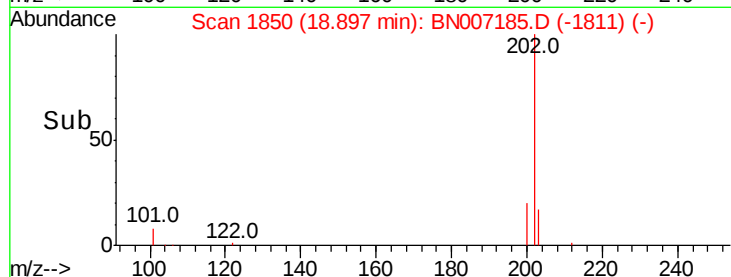
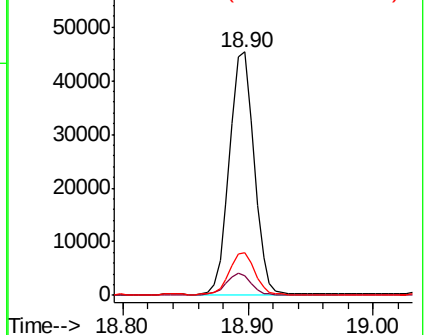
203 17.2 13.8 20.8



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: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

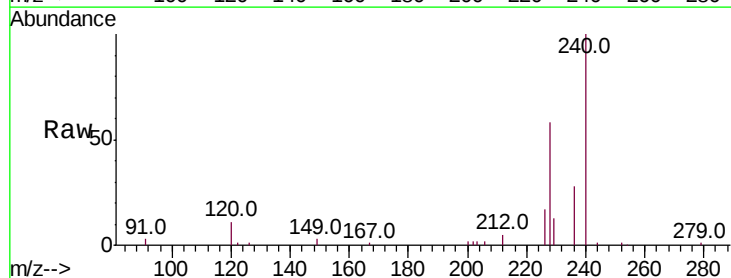
Tgt Ion:240 Resp: 43677

Ion Ratio Lower Upper

240 100

120 11.3 4.0 6.0#

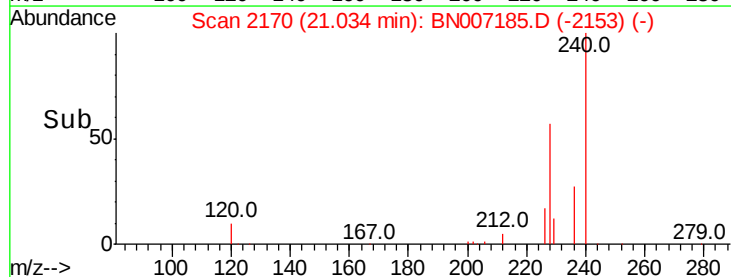
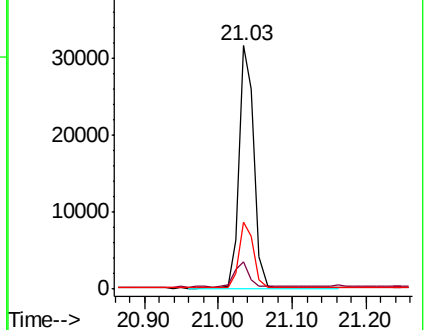
236 27.6 21.3 31.9

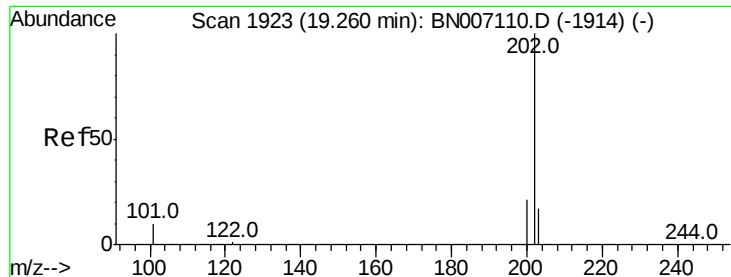


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pvrene

Concen: 0.417 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampleId :

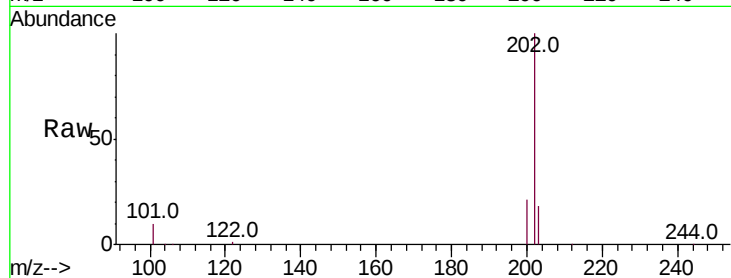
Tot Ion:202 Resp: 63938

Ion Ratio Lower Upper

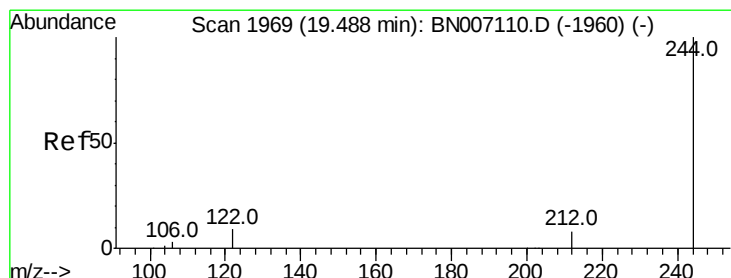
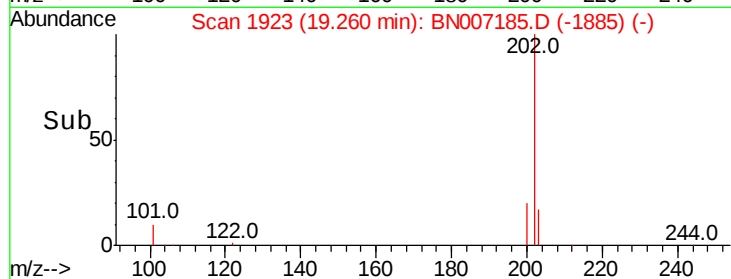
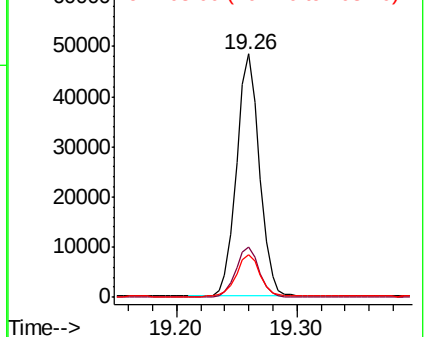
202 100

200 20.7 16.6 24.8

203 18.1 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: 0.406 ng

RT: 19.48 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

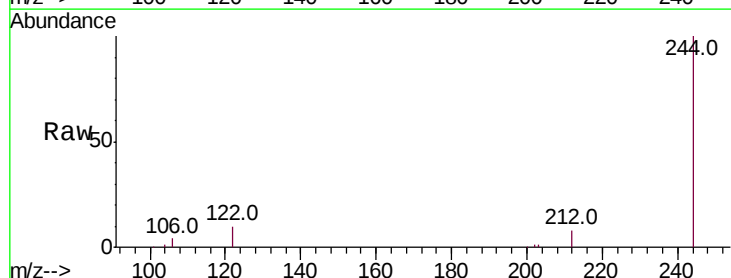
Tgt Ion:244 Resp: 48285

Ion Ratio Lower Upper

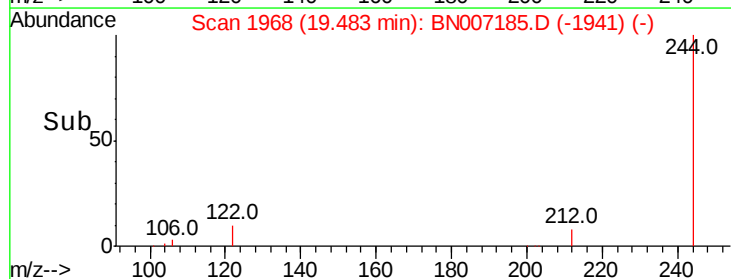
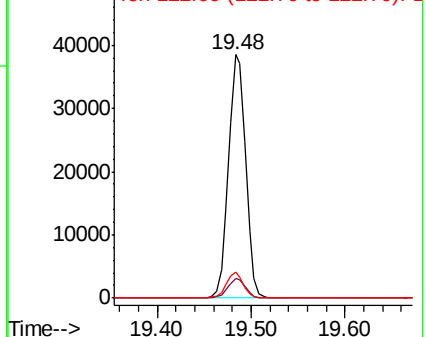
244 100

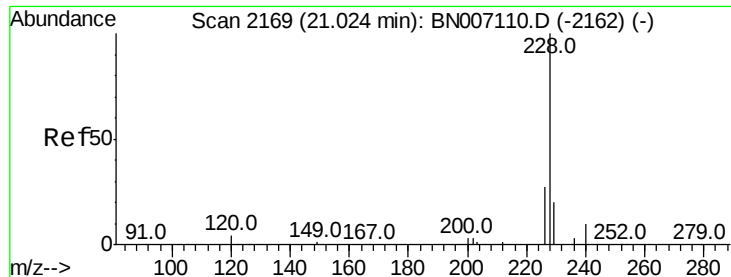
212 8.0 6.2 9.2

122 10.5 7.4 11.2



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





#29

Benzo(a)anthracene

Concen: 0.399 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampleId :

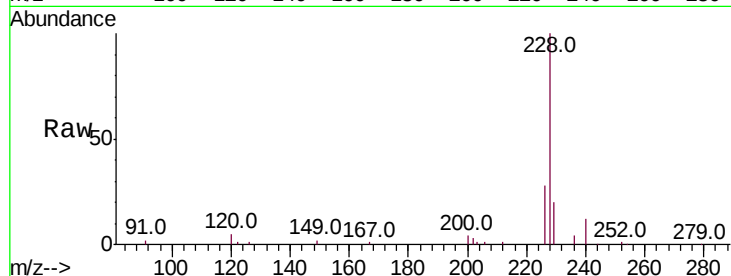
Tot Ion:228 Resp: 63686

Ion Ratio Lower Upper

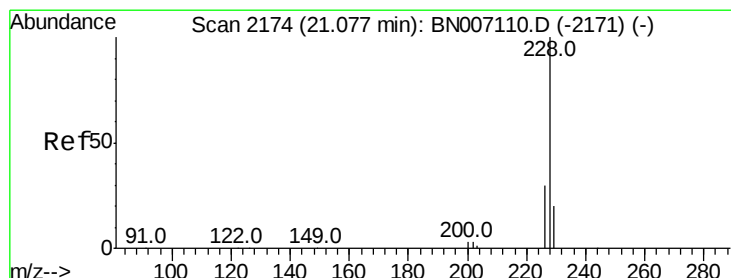
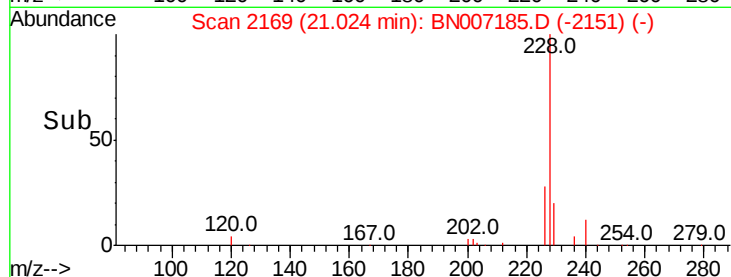
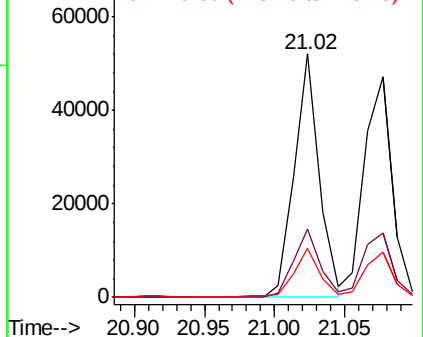
228 100

226 28.1 21.8 32.6

229 19.9 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: 0.415 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

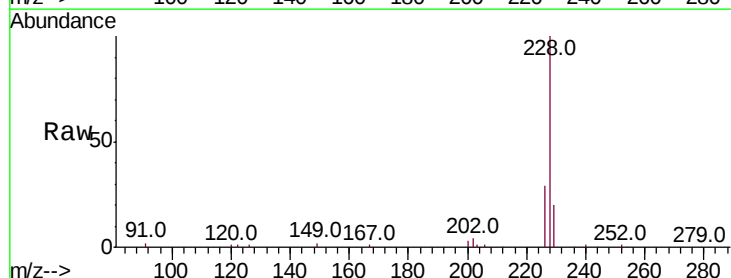
Tgt Ion:228 Resp: 64457

Ion Ratio Lower Upper

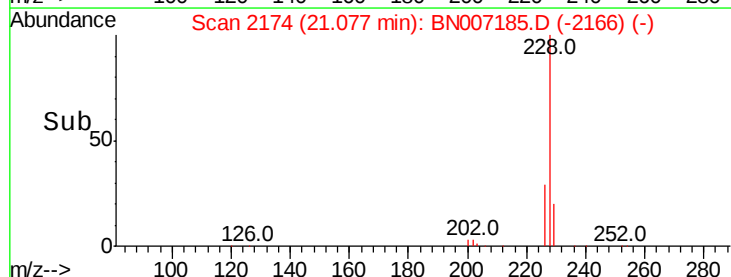
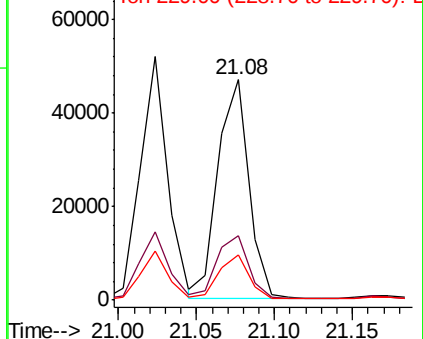
228 100

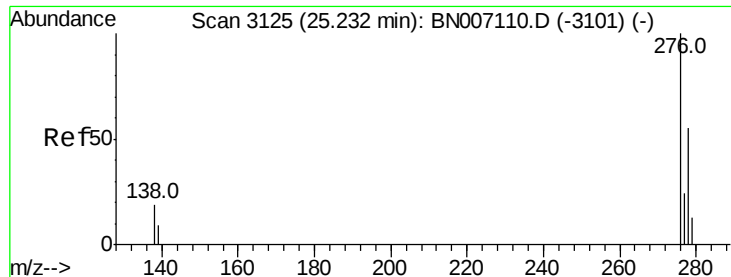
226 29.2 23.8 35.6

229 20.3 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

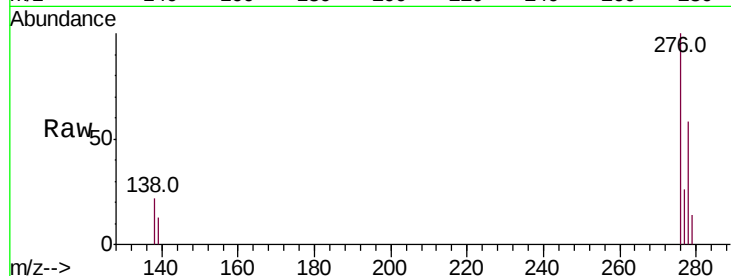




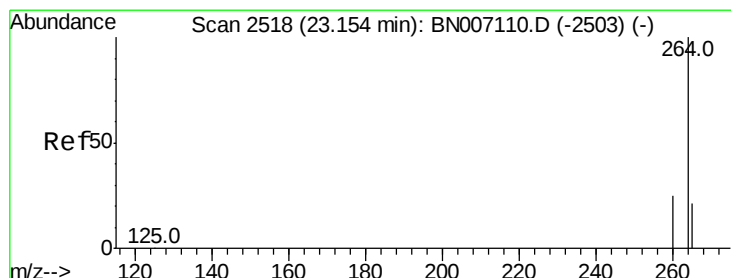
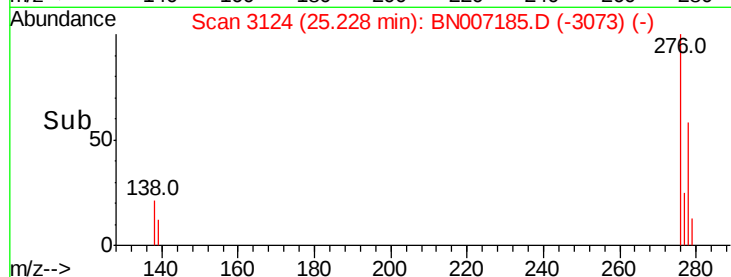
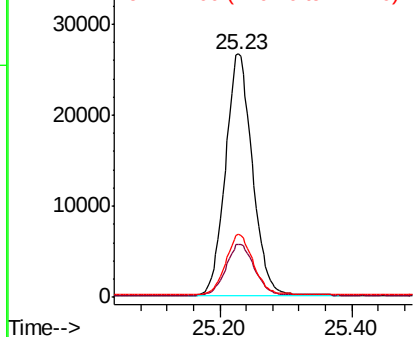
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng
RT: 25.23 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BN007185.D
Acq: 15 Aug 2019 04:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 75273
Ion Ratio Lower Upper
276 100
138 22.1 16.0 24.0
277 24.9 19.9 29.9

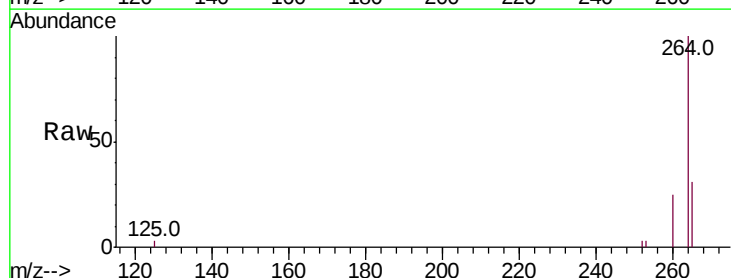


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

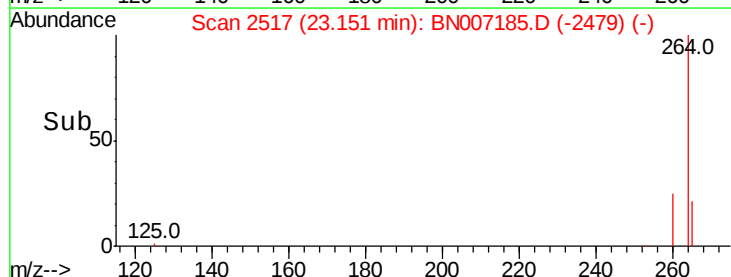
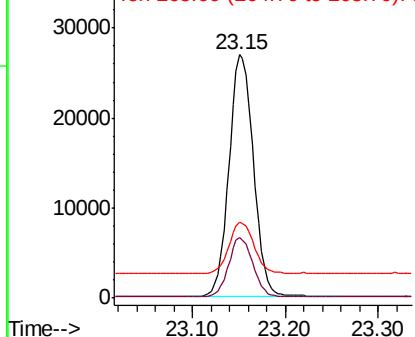


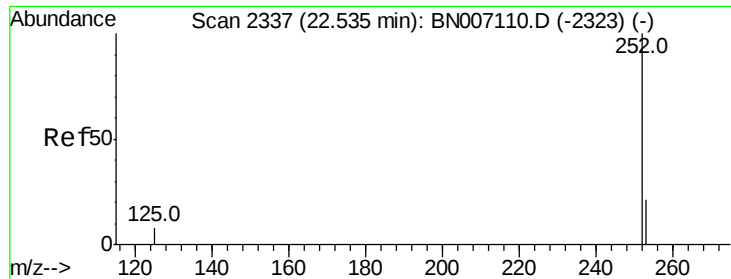
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BN007185.D
Acq: 15 Aug 2019 04:17

Tgt Ion:264 Resp: 49557
Ion Ratio Lower Upper
264 100
260 25.1 19.8 29.8
265 31.3 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: 0.390 ng

RT: 22.53 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampled :

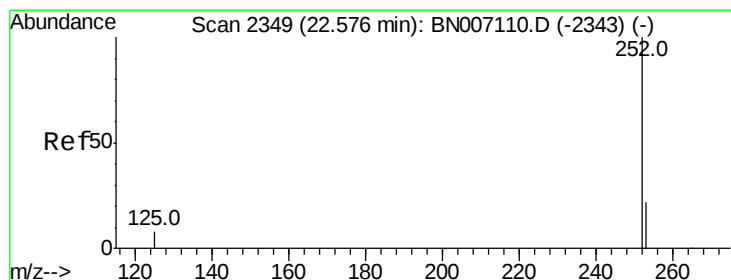
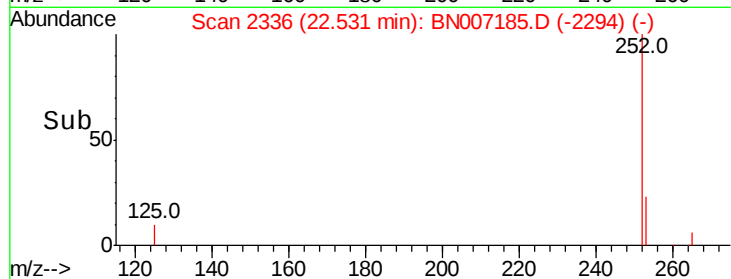
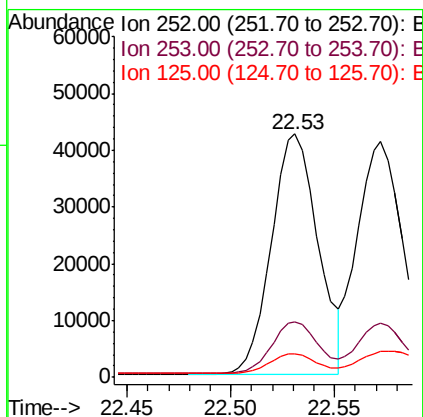
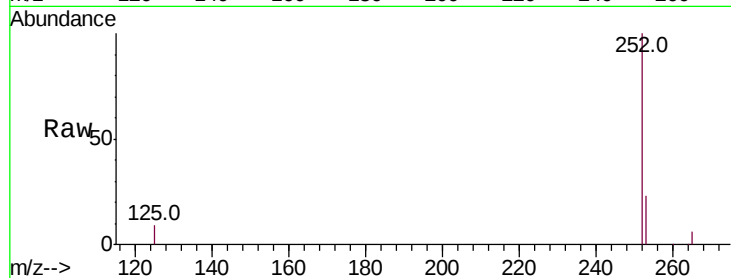
Tot Ion:252 Resp: 66193

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 9.5 7.4 11.0



#34

Benzo(k)fluoranthene

Concen: 0.377 ng

RT: 22.57 min Scan# 2348

Delta R.T. -0.02 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

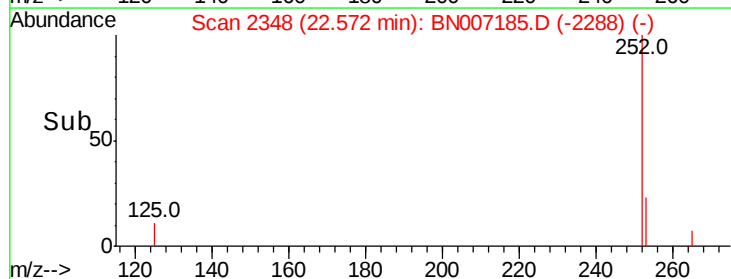
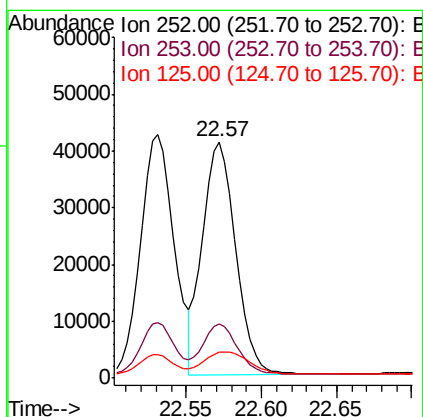
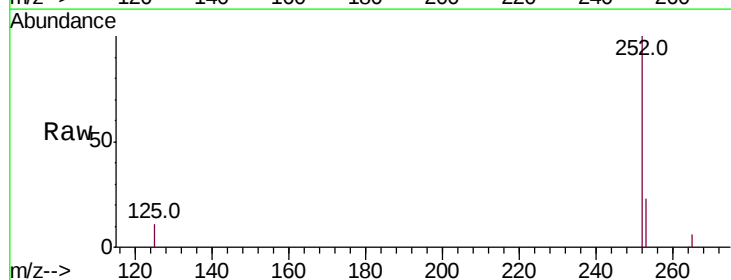
Tgt Ion:252 Resp: 63268

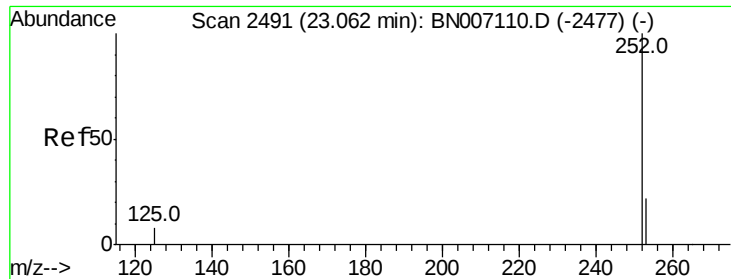
Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

125 10.8 7.4 11.0





#35

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampleId :

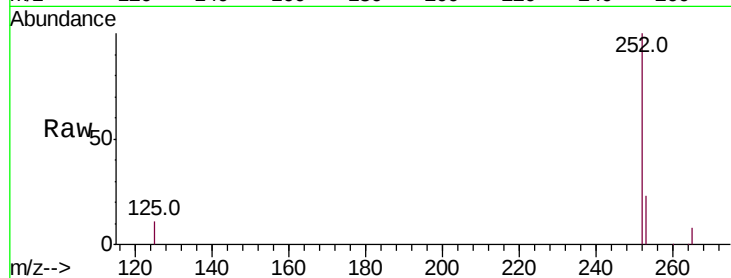
Tot Ion:252 Resp: 60101

Ion Ratio Lower Upper

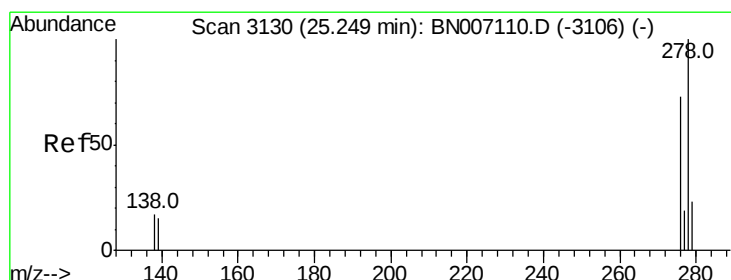
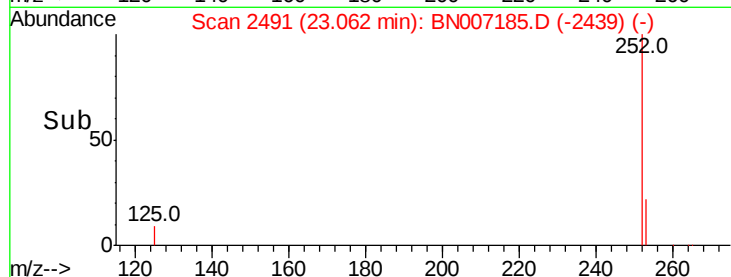
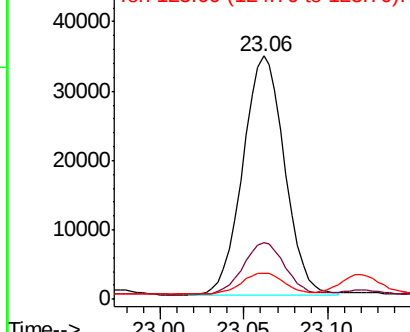
252 100

253 23.5 18.5 27.7

125 10.9 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: 0.399 ng

RT: 25.25 min Scan# 3129

Delta R.T. -0.03 min

Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

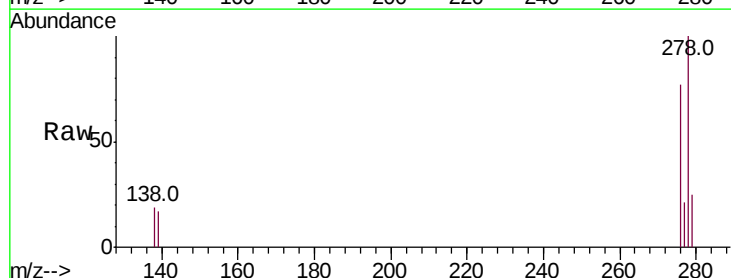
Tgt Ion:278 Resp: 61289

Ion Ratio Lower Upper

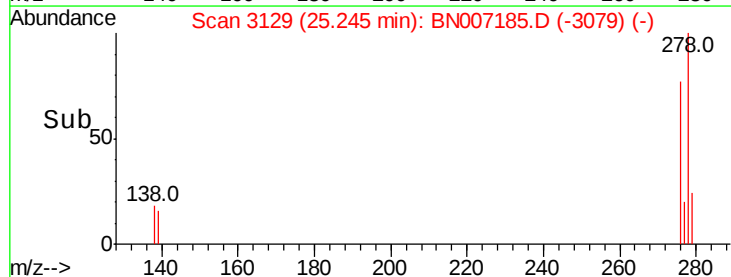
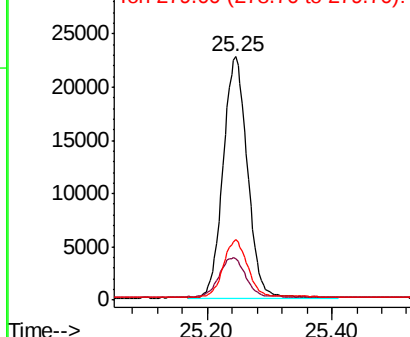
278 100

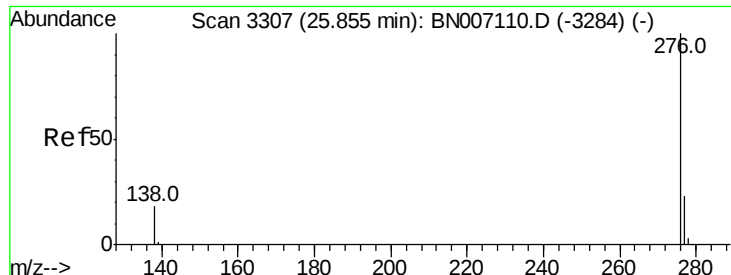
139 16.9 11.3 16.9

279 24.7 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: 0.385 ng

RT: 25.85 min Scan# 3307

Delta R.T. -0.02 min

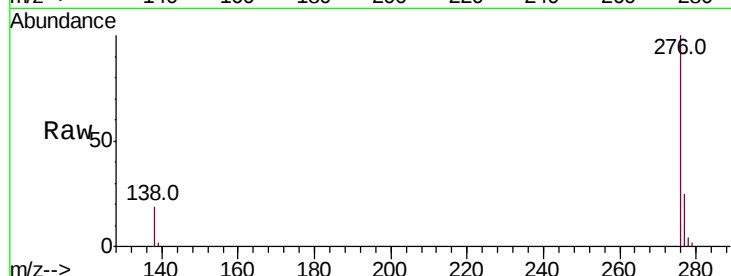
Lab File: BN007185.D

Acq: 15 Aug 2019 04:17

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 60876

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.8

138 19.0 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

