

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
 Data File : BN007217.D
 Acq On : 16 Aug 2019 03:33
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 16 07:08:42 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	10818	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	41160	0.40	ng	0.00
12) Acenaphthene-d10	14.07	164	23112	0.40	ng	-0.01
18) Phenanthrene-d10	16.82	188	52773	0.40	ng	0.00
26) Chrysene-d12	21.03	240	52409	0.40	ng	-0.02
32) Perylene-d12	23.15	264	58552	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.05	112	10849	0.42	ng	0.00
4) Phenol-d6	6.61	99	13911	0.43	ng	0.00
7) Nitrobenzene-d5	8.55	82	13932	0.42	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	28192	0.37	ng	-0.01
13) 2,4,6-Tribromophenol	15.57	330	4159	0.33	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	3049	0.09	ng	0.00
24) Fluoranthene-d10	18.86	212	67130	0.36	ng	-0.01
28) Terphenyl-d14	19.48	244	58821	0.41	ng	-0.02

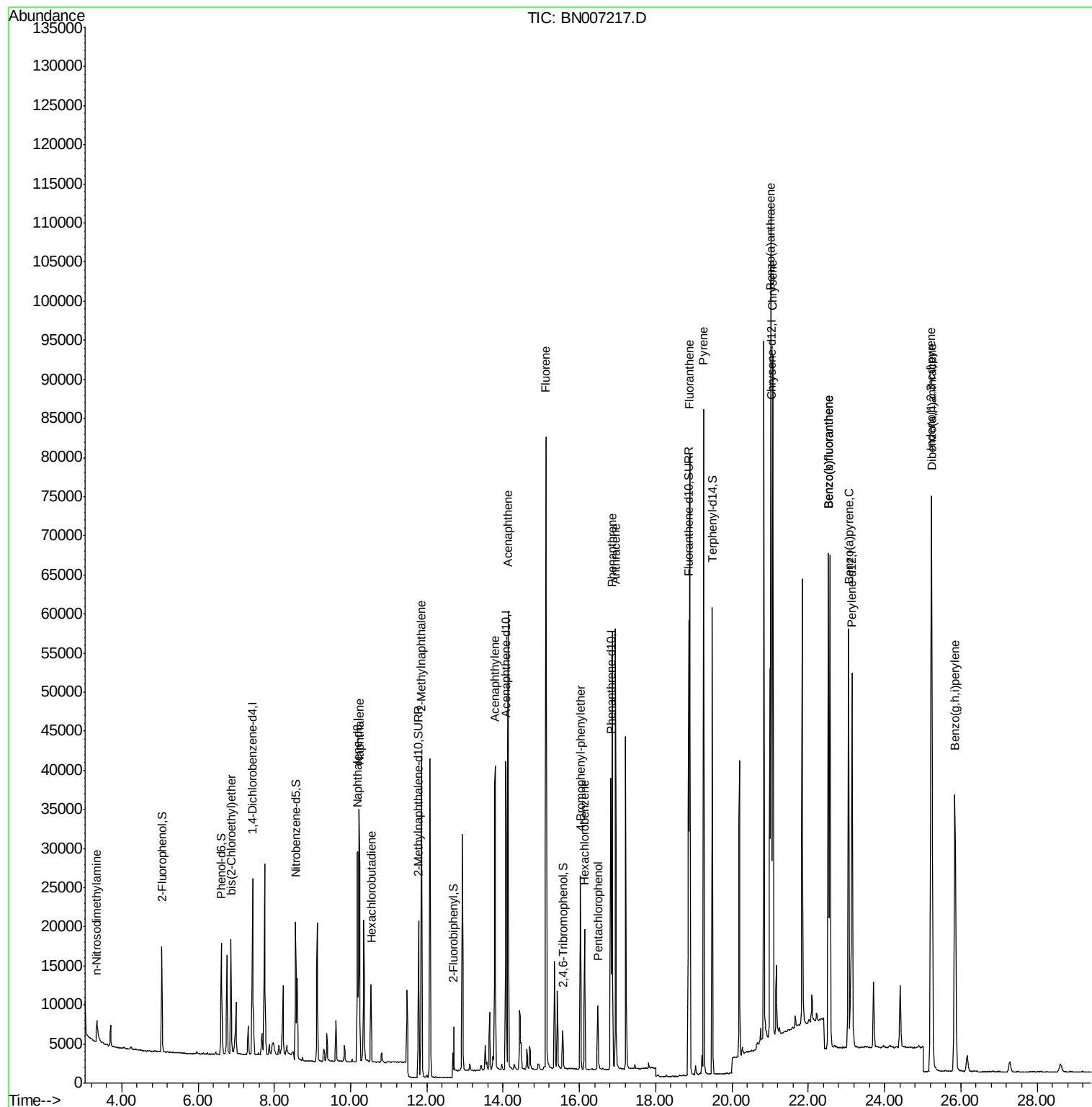
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.34	42	3048	0.428	ng	# 97
5) bis(2-Chloroethyl)ether	6.86	93	11323	0.398	ng	100
8) Naphthalene	10.22	128	43258	0.375	ng	99
9) Hexachlorobutadiene	10.54	225	9328	0.379	ng	# 100
11) 2-Methylnaphthalene	11.86	142	30218	0.370	ng	96
15) Acenaphthylene	13.79	152	49719	0.412	ng	100
16) Acenaphthene	14.13	154	28889	0.373	ng	99
17) Fluorene	15.12	166	38268	0.331	ng	99
19) 4-Bromophenyl-phenylether	16.03	248	12497	0.383	ng	99
20) Hexachlorobenzene	16.13	284	13079	0.417	ng	98
21) Pentachlorophenol	16.48	266	4382	0.375	ng	97
22) Phenanthrene	16.86	178	61197	0.387	ng	100
23) Anthracene	16.95	178	57862	0.400	ng	99
25) Fluoranthene	18.89	202	73769	0.365	ng	100
27) Pyrene	19.25	202	77609	0.422	ng	100
29) Benzo(a)anthracene	21.02	228	77109	0.402	ng	100
30) Chrysene	21.07	228	74440	0.400	ng	98
31) Indeno(1,2,3-cd)pyrene	25.22	276	88935	0.433	ng	97
33) Benzo(b)fluoranthene	22.53	252	74553	0.371	ng	100
34) Benzo(k)fluoranthene	22.53	252	74553	0.376	ng	100
35) Benzo(a)pyrene	23.06	252	69798	0.383	ng	100
36) Dibenzo(a,h)anthracene	25.24	278	72264	0.398	ng	96
37) Benzo(g,h,i)perylene	25.85	276	70756	0.379	ng	99

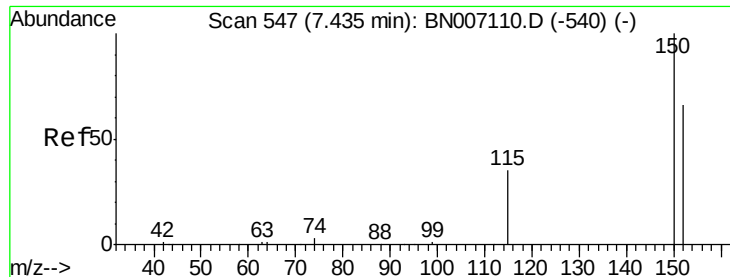
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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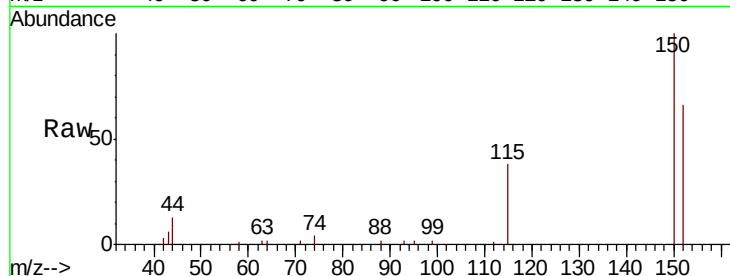


#1

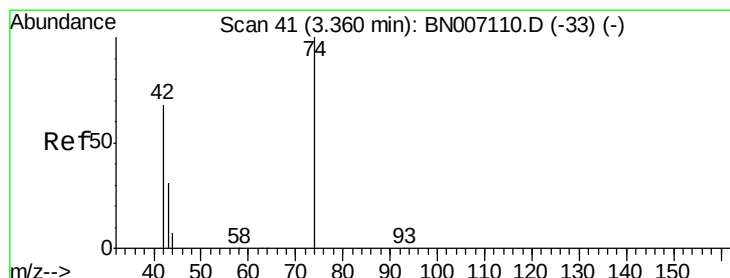
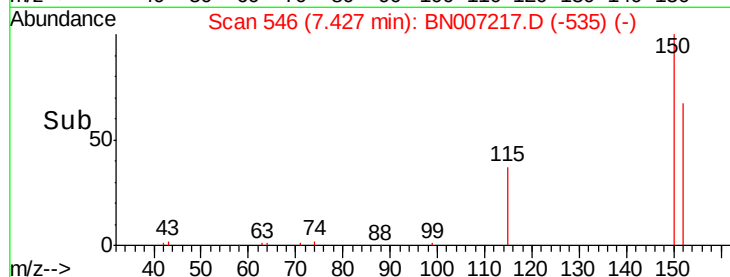
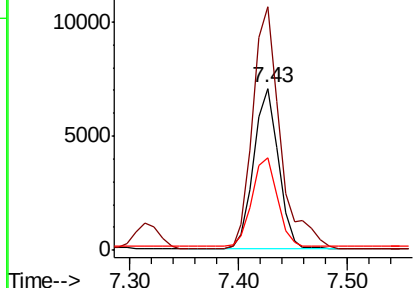
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007217.D
Acq: 16 Aug 2019 03:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 10818
Ion Ratio Lower Upper
152 100
150 150.5 121.7 182.5
115 57.0 46.2 69.4



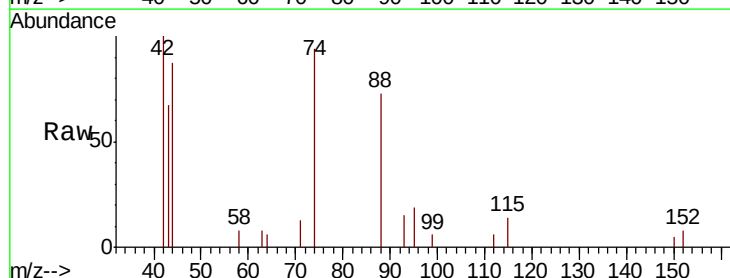
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



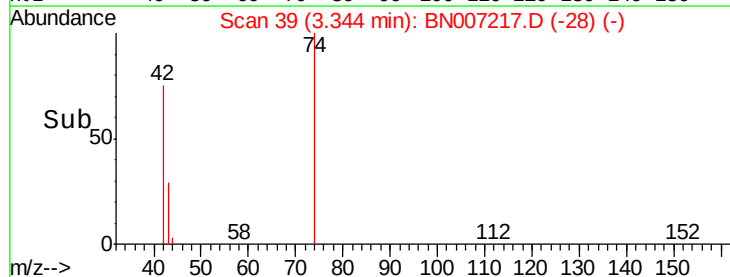
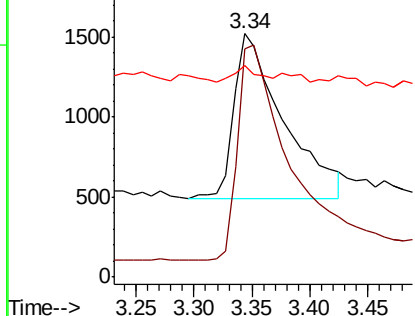
#2

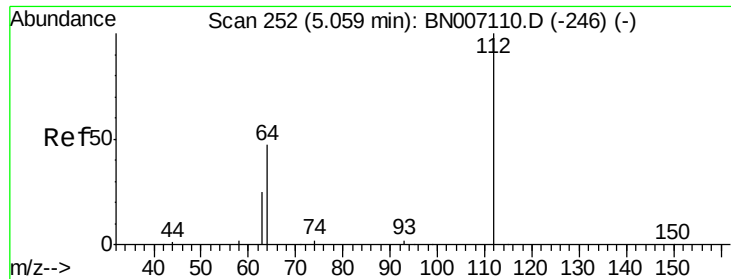
n-Nitrosodimethylamine
Concen: 0.428 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BN007217.D
Acq: 16 Aug 2019 03:33

Tgt Ion: 42 Resp: 3048
Ion Ratio Lower Upper
42 100
74 134.2 110.6 166.0
44 4.7 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: 0.417 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampled :

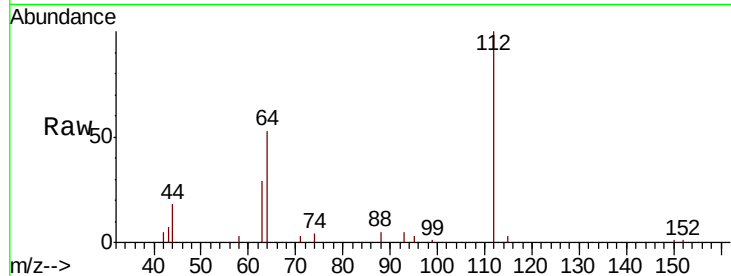
Tot Ion:112 Resp: 10849

Ion Ratio Lower Upper

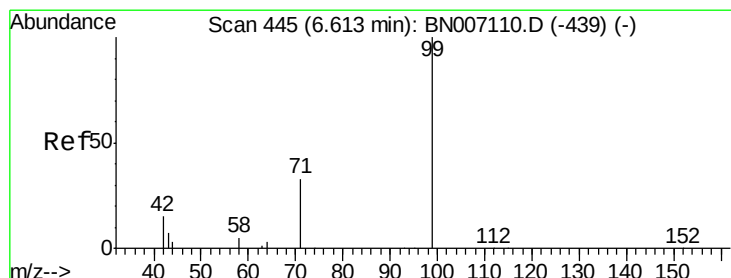
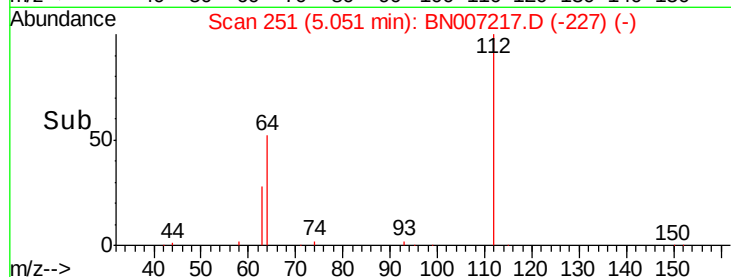
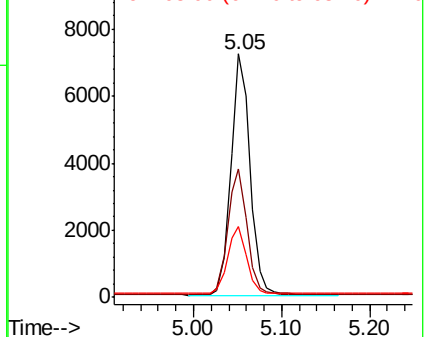
112 100

64 52.4 42.6 63.8

63 27.8 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: 0.432 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

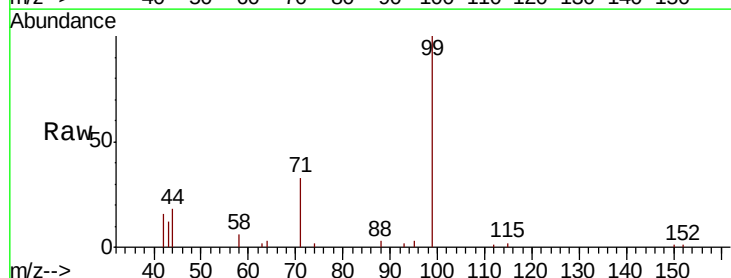
Tgt Ion: 99 Resp: 13911

Ion Ratio Lower Upper

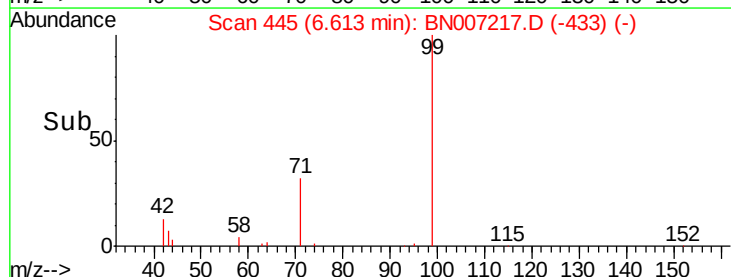
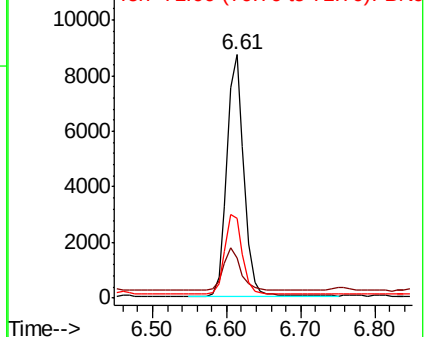
99 100

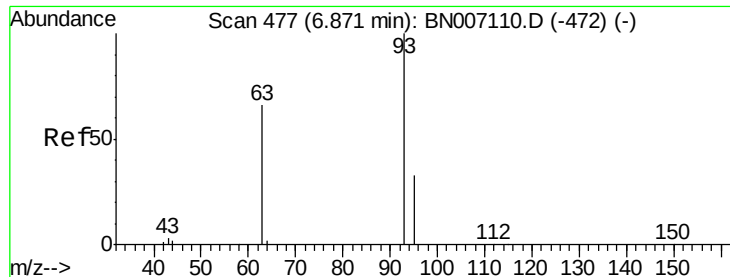
42 17.7 15.8 23.6

71 34.0 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: 0.398 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampleId :

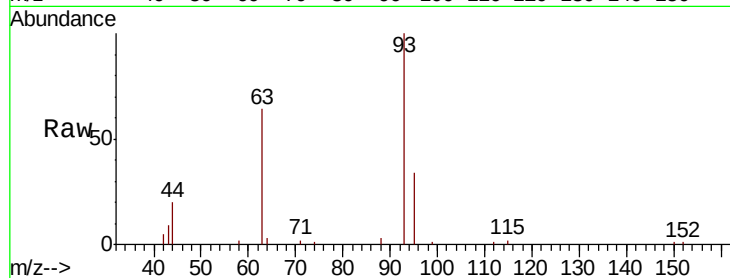
Tot Ion: 93 Resp: 11323

Ion Ratio Lower Upper

93 100

63 69.5 55.6 83.4

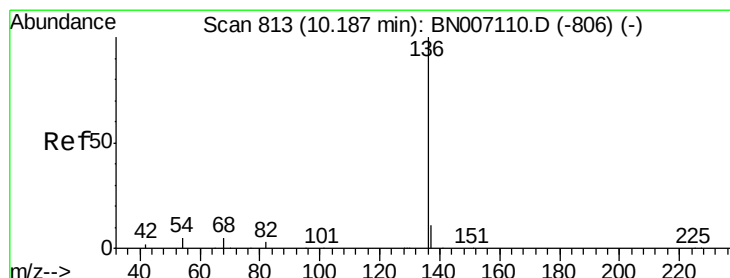
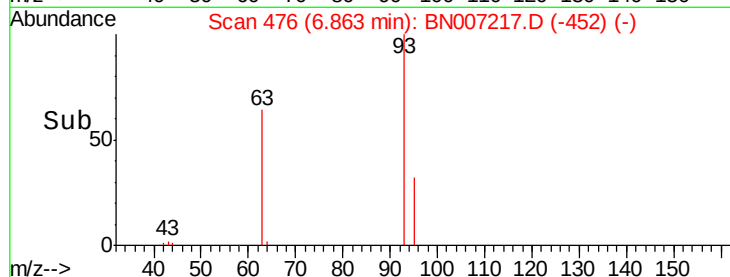
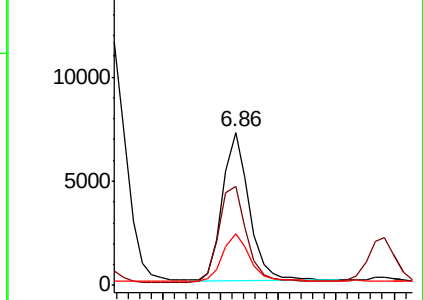
95 33.6 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007217.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007217.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007217.D (-472) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Tgt Ion: 136 Resp: 41160

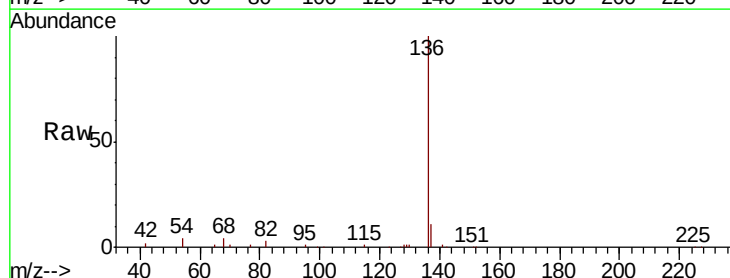
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 4.0 6.6 9.8#

68 4.0 6.0 9.0#

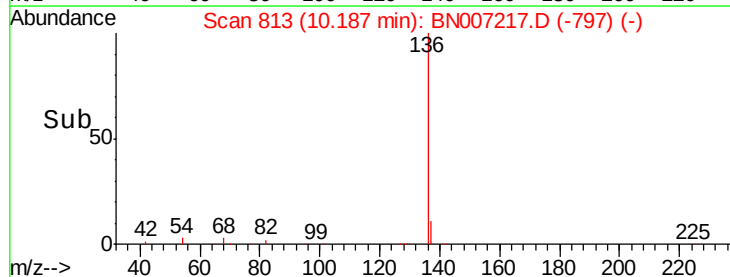
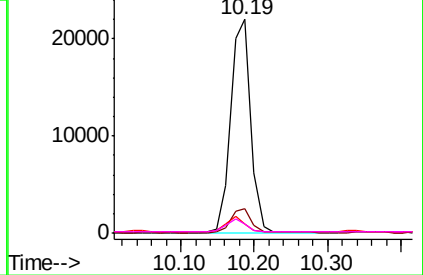


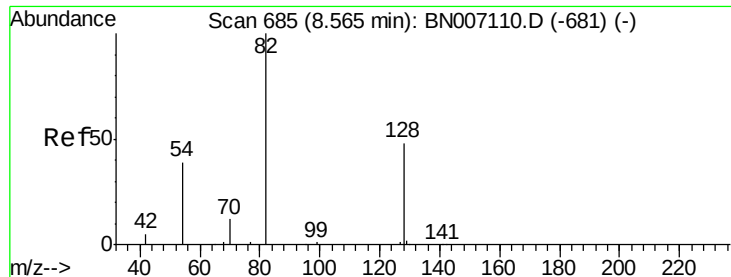
Abundance Ion 136.00 (135.70 to 136.70): BN007217.D (-806) (-)

Ion 137.00 (136.70 to 137.70): BN007217.D (-806) (-)

Ion 54.00 (53.70 to 54.70): BN007217.D (-806) (-)

Ion 68.00 (67.70 to 68.70): BN007217.D (-806) (-)





#7

Nitrobenzene-d5

Concen: 0.420 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampled :

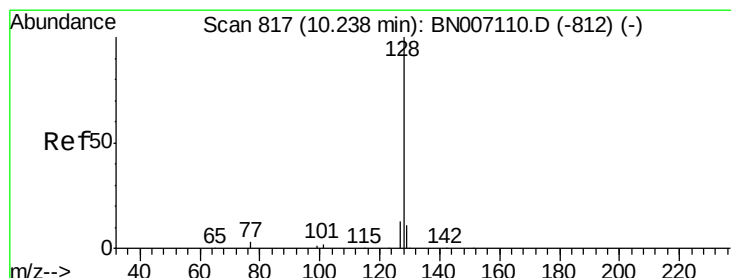
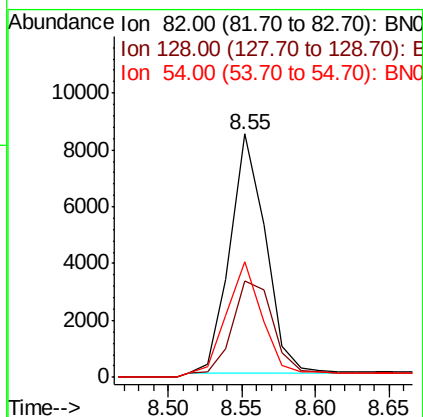
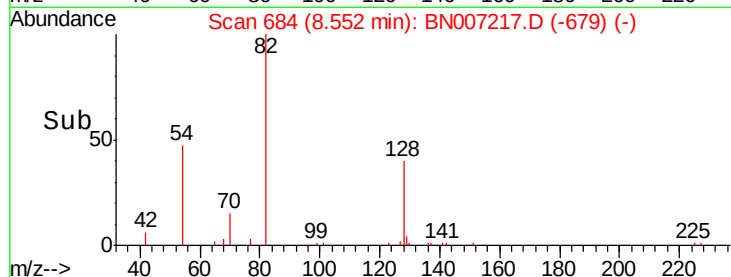
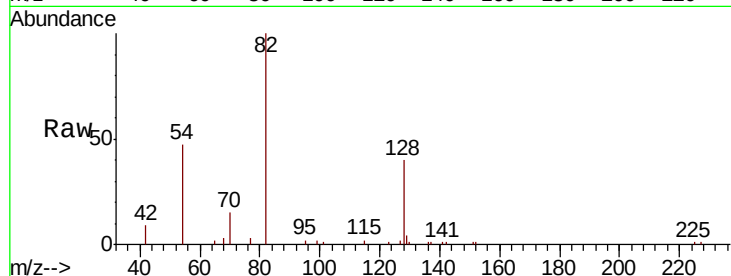
Tot Ion: 82 Resp: 13932

Ion Ratio Lower Upper

82 100

128 39.8 34.6 51.8

54 47.3 36.2 54.4



#8

Naphthalene

Concen: 0.375 ng

RT: 10.22 min Scan# 816

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

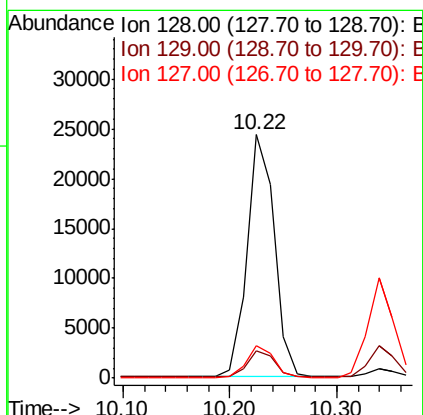
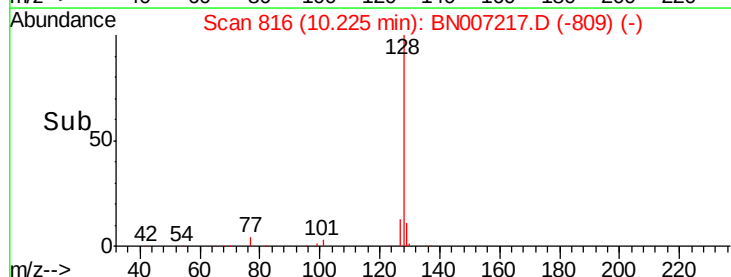
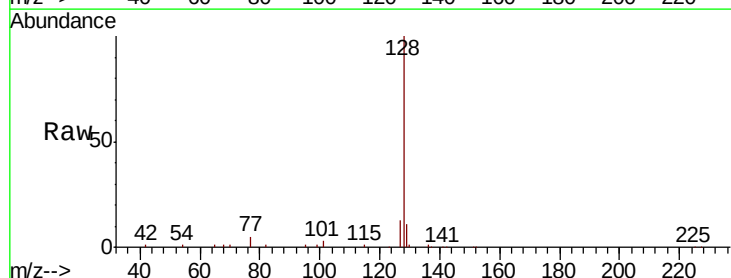
Tgt Ion: 128 Resp: 43258

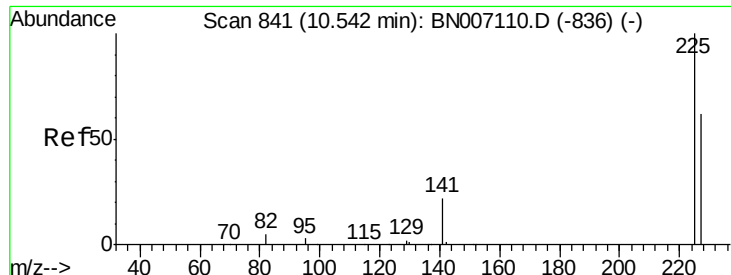
Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

127 13.4 11.0 16.6





#9

Hexachlorobutadiene

Concen: 0.379 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampleId :

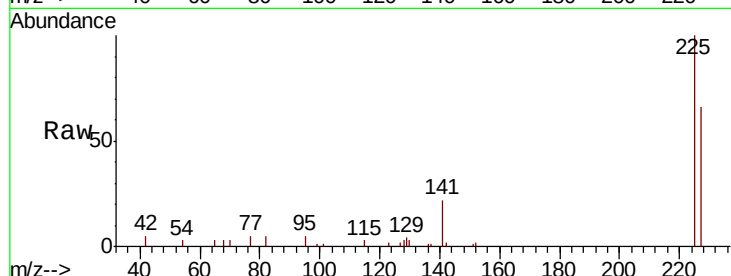
Tot Ion:225 Resp: 9328

Ion Ratio Lower Upper

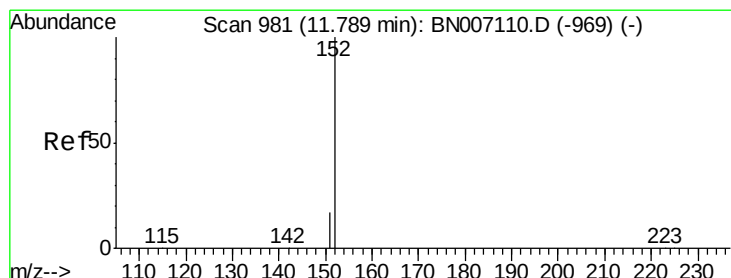
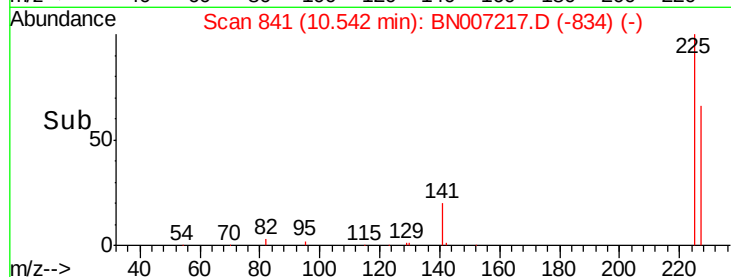
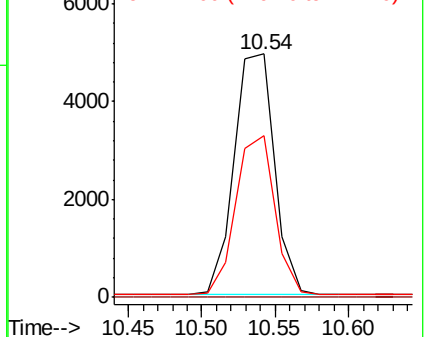
225 100

223 0.0 0.0 0.0

227 64.2 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: 0.367 ng

RT: 11.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BN007217.D

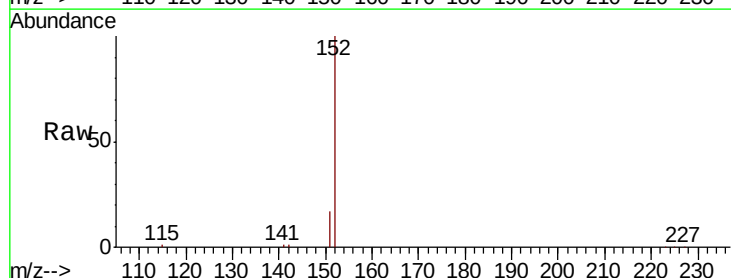
Acq: 16 Aug 2019 03:33

Tgt Ion:152 Resp: 28192

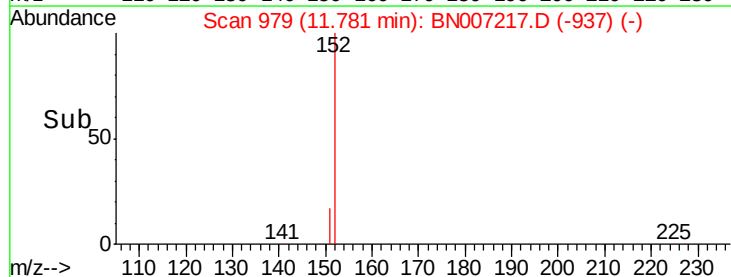
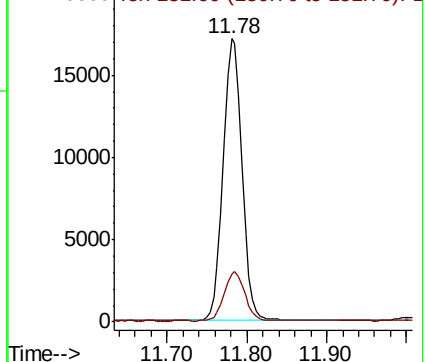
Ion Ratio Lower Upper

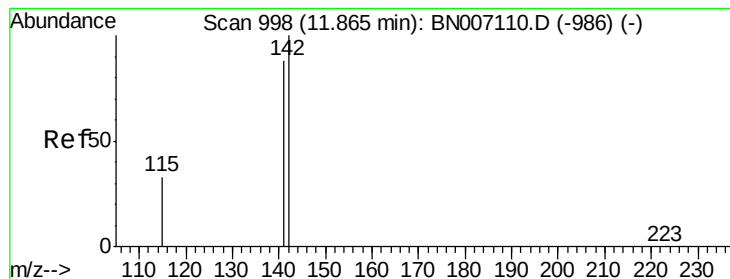
152 100

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: 0.370 ng

RT: 11.86 min Scan# 996

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampleId :

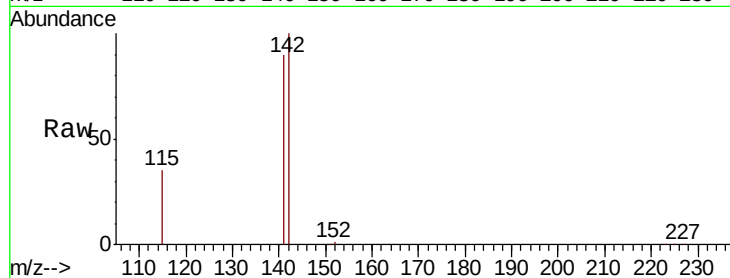
Tot Ion:142 Resp: 30218

Ion Ratio Lower Upper

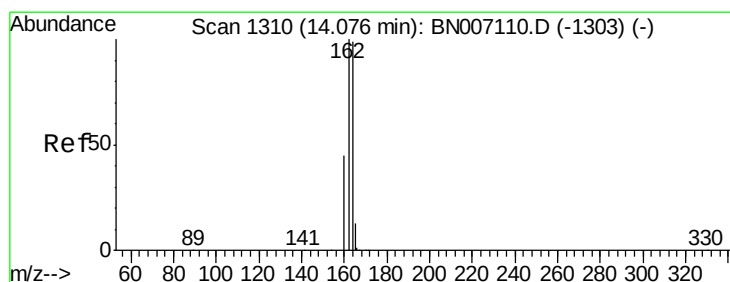
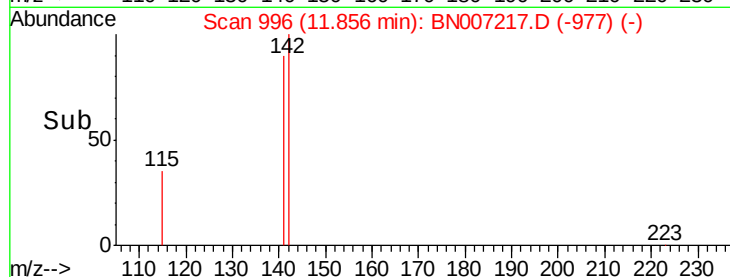
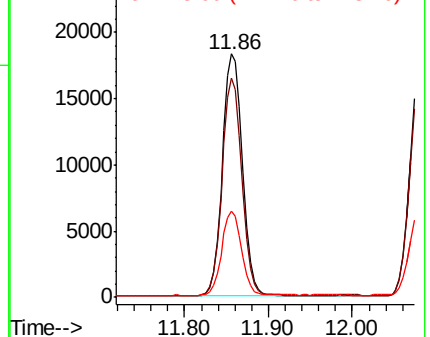
142 100

141 90.2 69.0 103.6

115 35.4 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: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

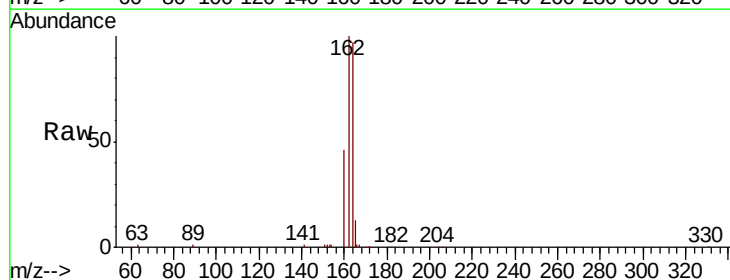
Tgt Ion:164 Resp: 23112

Ion Ratio Lower Upper

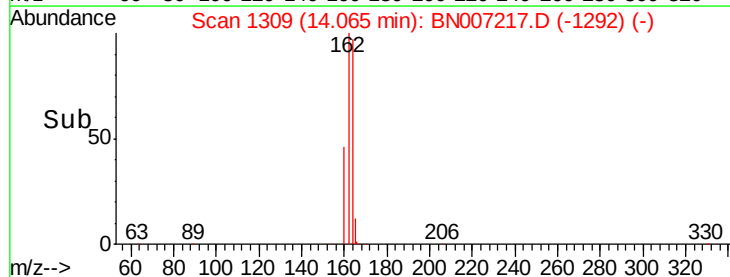
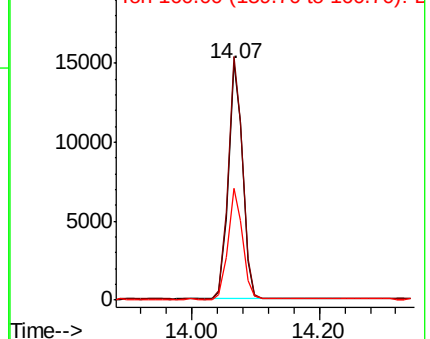
164 100

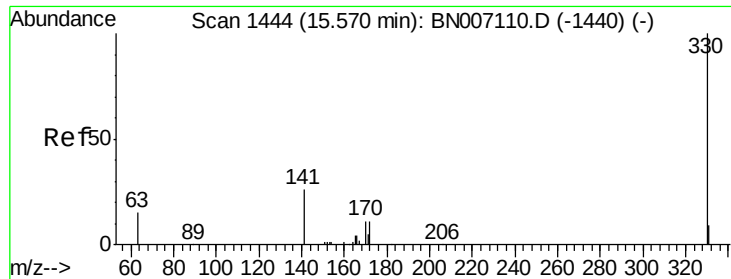
162 102.9 82.2 123.4

160 47.1 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

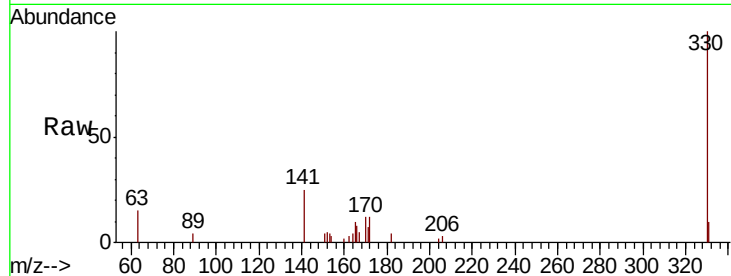




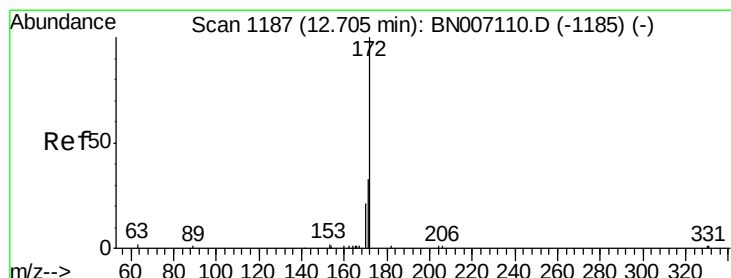
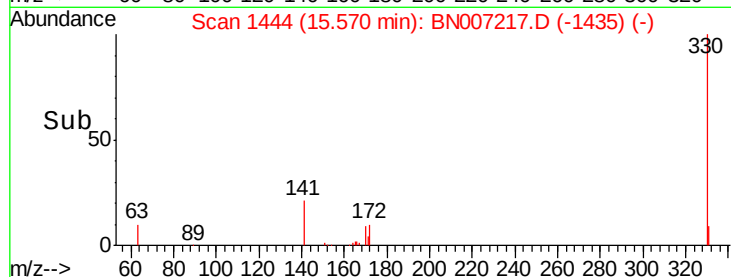
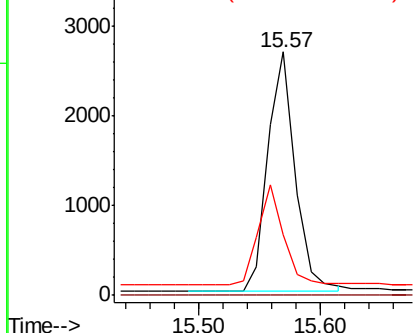
#13
 2,4,6-Tribromophenol
 Concen: 0.334 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007217.D
 Acq: 16 Aug 2019 03:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 4159
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.1 33.6 50.4

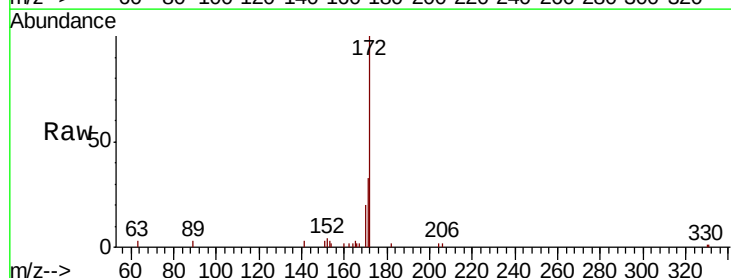


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

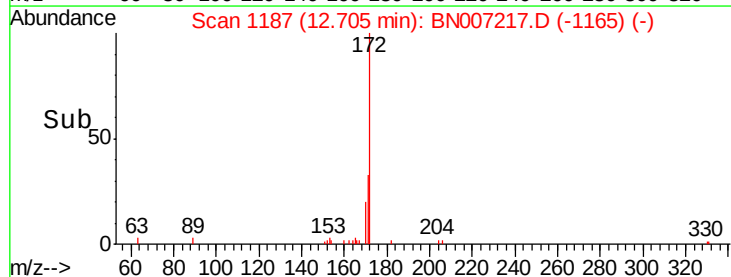
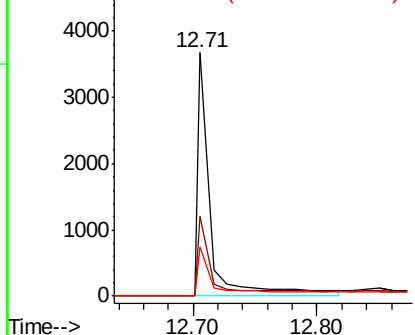


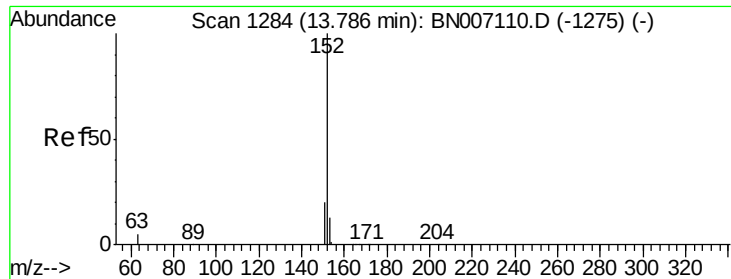
#14
 2-Fluorobiphenyl
 Concen: 0.091 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007217.D
 Acq: 16 Aug 2019 03:33

Tgt Ion:172 Resp: 3049
 Ion Ratio Lower Upper
 172 100
 171 32.6 26.3 39.5
 170 20.2 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: 0.412 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

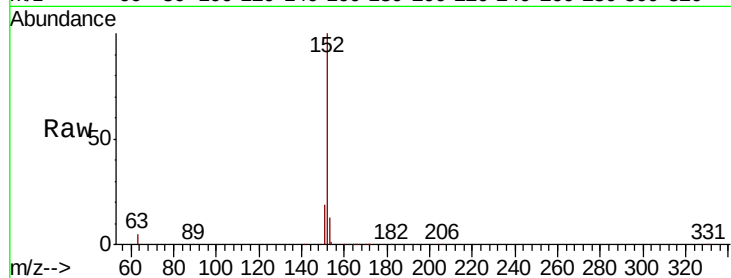
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 49719

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.2	10.4	15.6

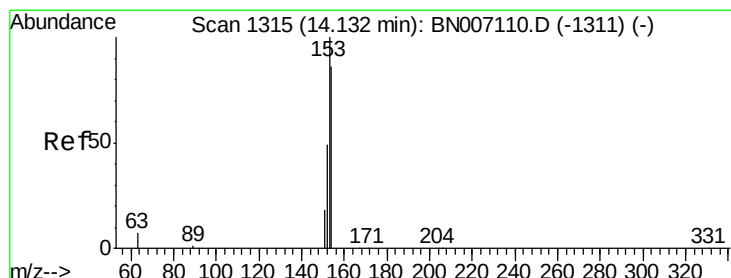
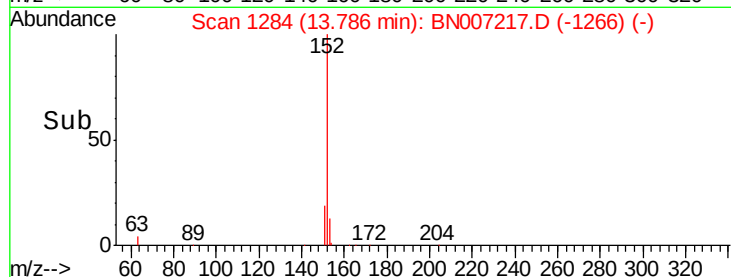
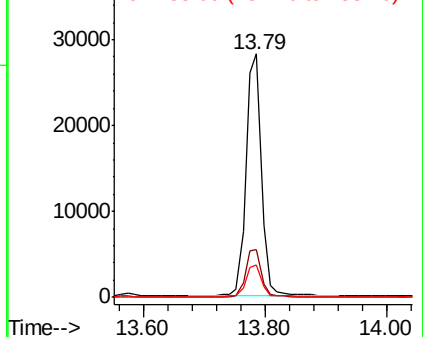


Abundance

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: 0.373 ng

RT: 14.13 min Scan# 1315

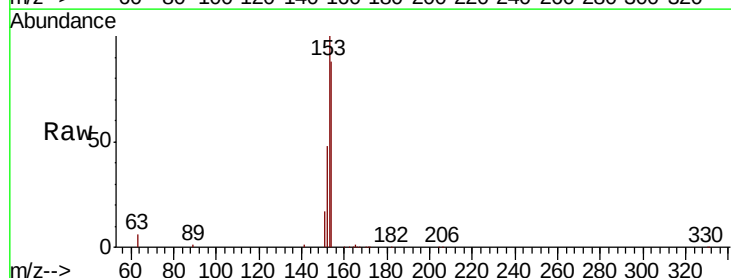
Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Tgt Ion:154 Resp: 28889

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.5	134.3
152	55.3	44.8	67.2

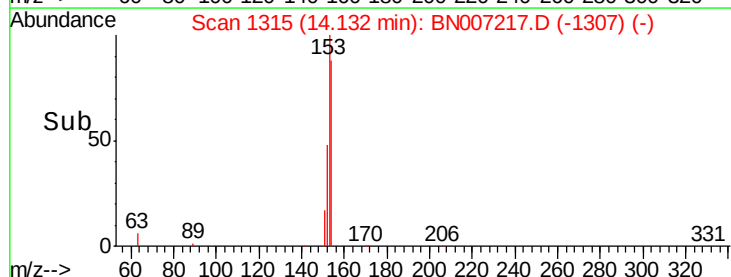
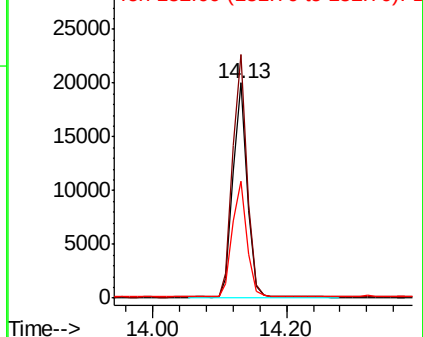


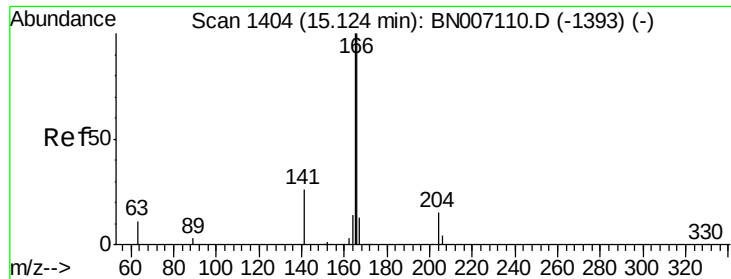
Abundance

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

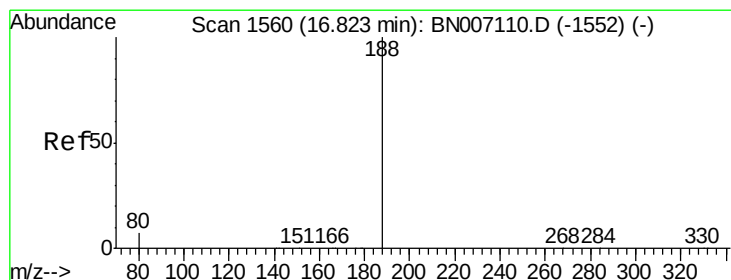
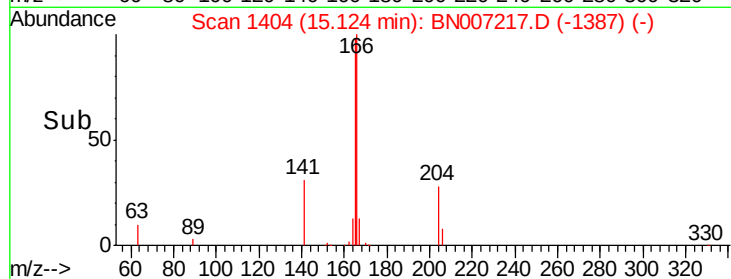
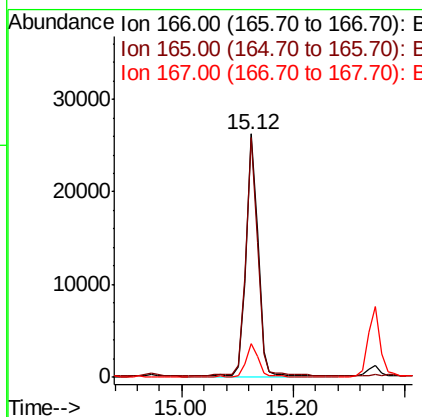
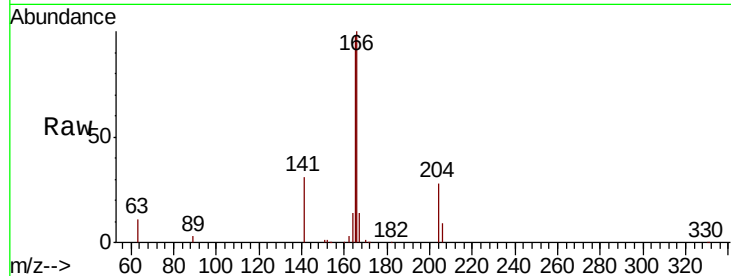




#17
 Fluorene
 Concen: 0.331 ng
 RT: 15.12 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BN007217.D
 Acq: 16 Aug 2019 03:33

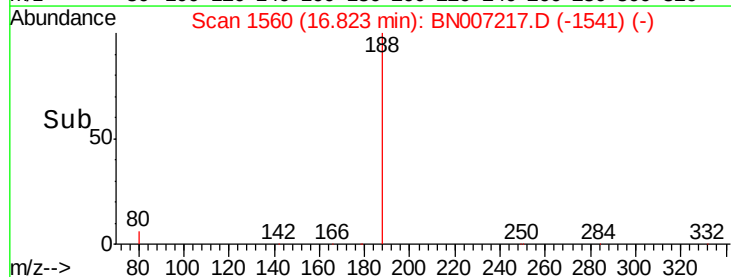
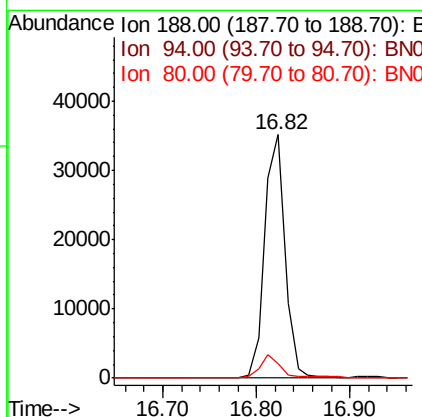
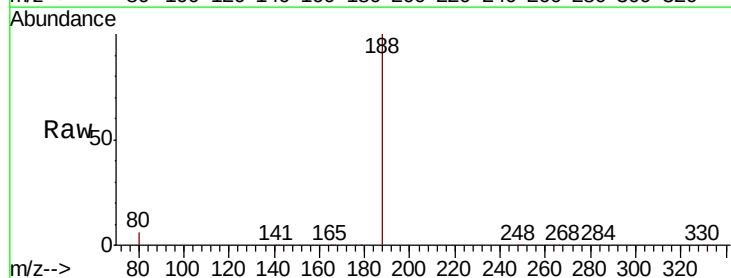
Instrument :
 BNA_N
 ClientSampleId :

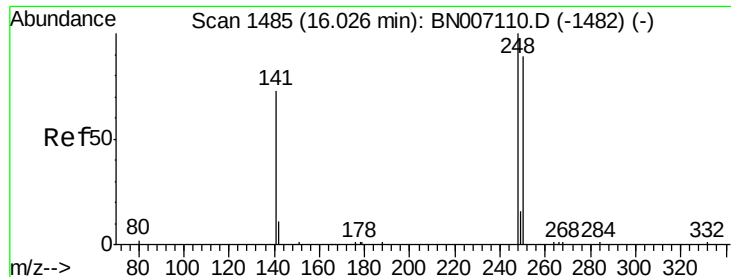
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.9	116.9
167	13.5	10.9	16.3



#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007217.D
 Acq: 16 Aug 2019 03:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	7.8	11.6





#19

4-Bromophenyl-phenylether

Concen: 0.383 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampled :

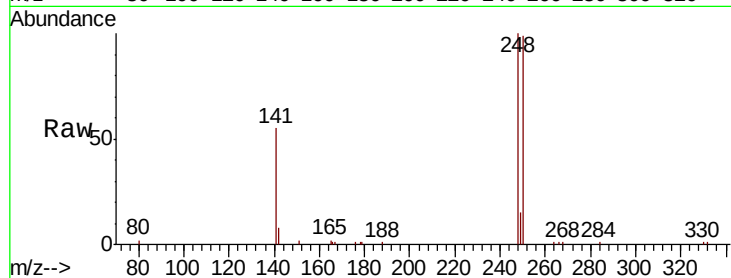
Tot Ion:248 Resp: 12497

Ion Ratio Lower Upper

248 100

250 99.4 78.9 118.3

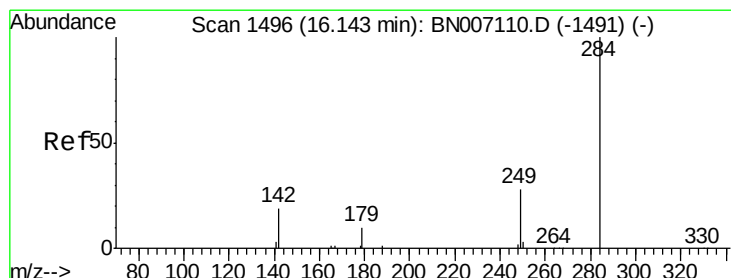
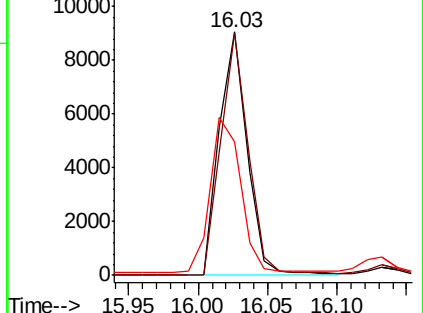
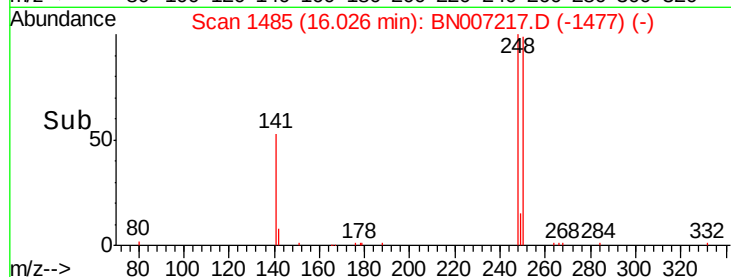
141 54.6 43.3 64.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.417 ng

RT: 16.13 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

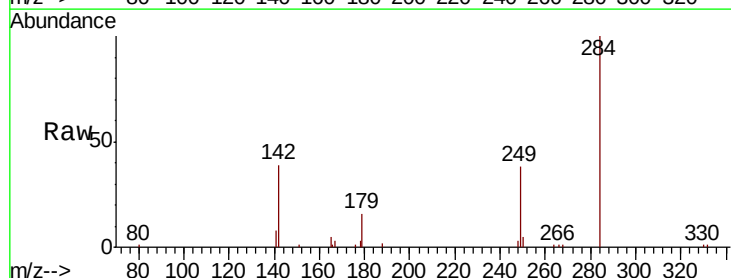
Tgt Ion:284 Resp: 13079

Ion Ratio Lower Upper

284 100

142 36.8 30.5 45.7

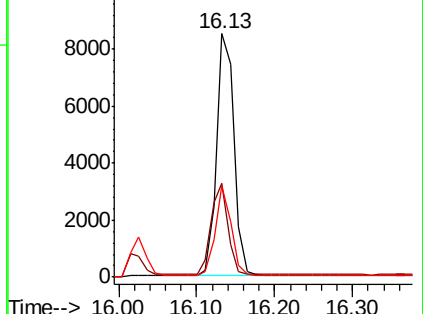
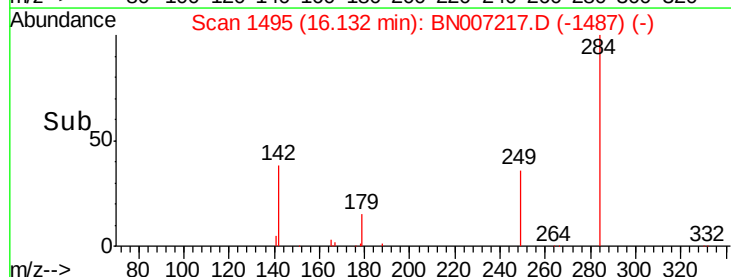
249 33.0 26.7 40.1

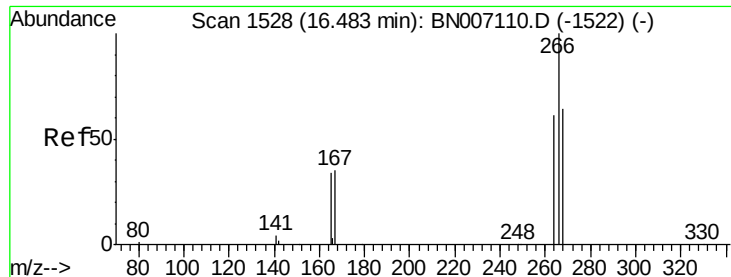


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

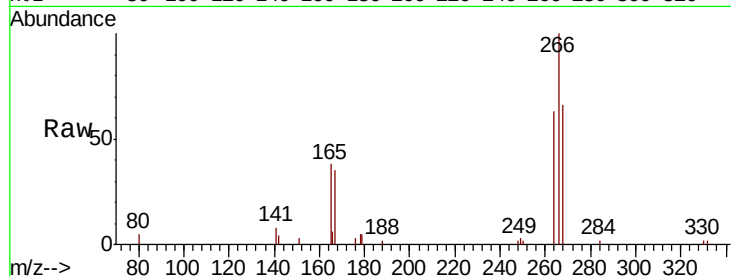




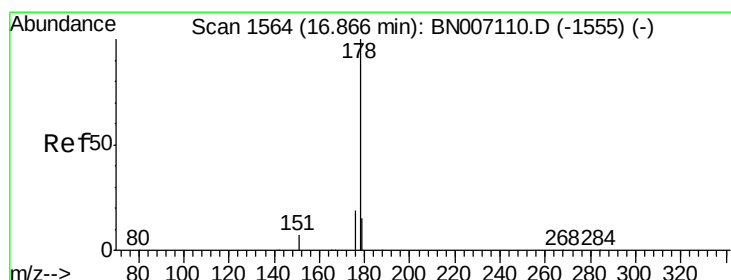
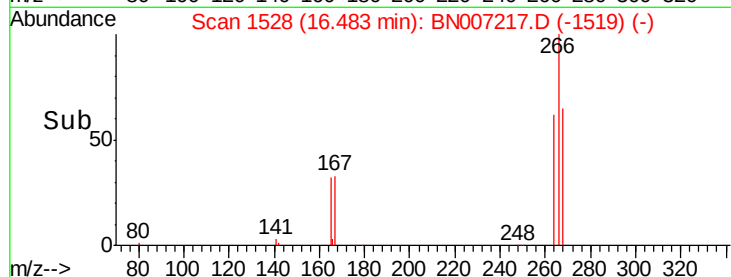
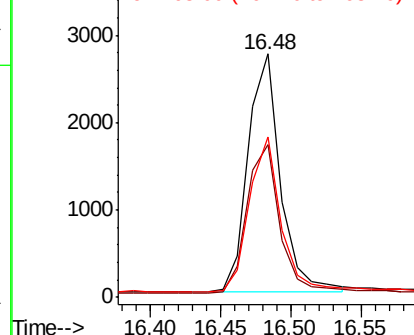
#21
 Pentachlorophenol
 Concen: 0.375 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007217.D
 Acq: 16 Aug 2019 03:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 4382
 Ion Ratio Lower Upper
 266 100
 264 62.7 52.3 78.5
 268 65.7 51.5 77.3

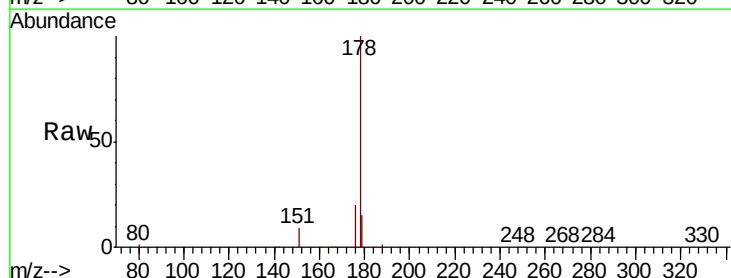


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

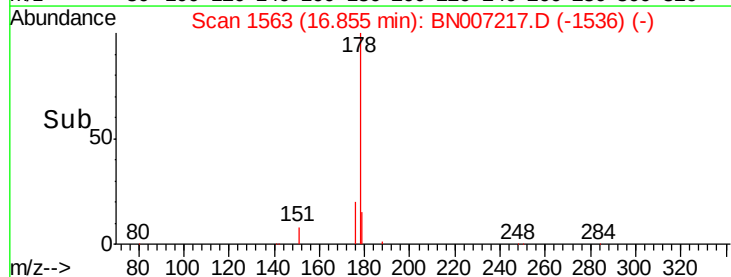
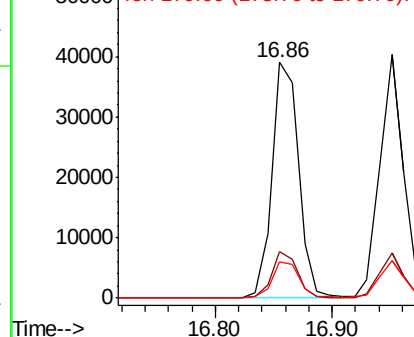


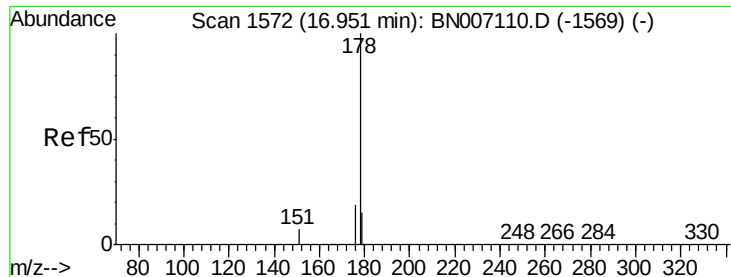
#22
 Phenanthrene
 Concen: 0.387 ng
 RT: 16.86 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BN007217.D
 Acq: 16 Aug 2019 03:33

Tgt Ion:178 Resp: 61197
 Ion Ratio Lower Upper
 178 100
 176 18.9 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: 0.400 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampleId :

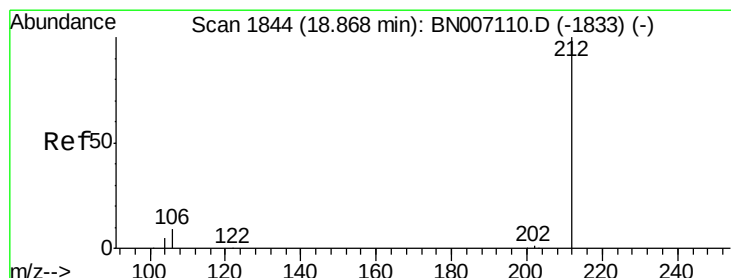
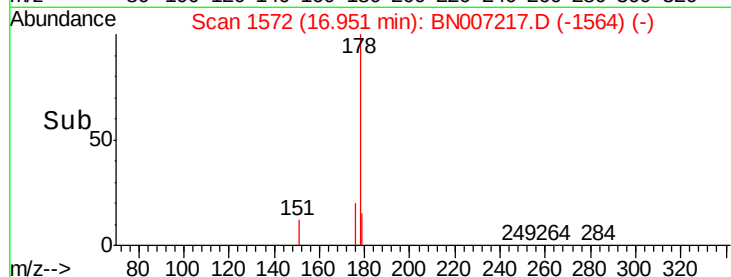
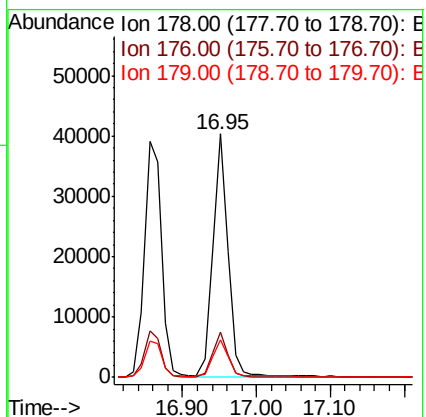
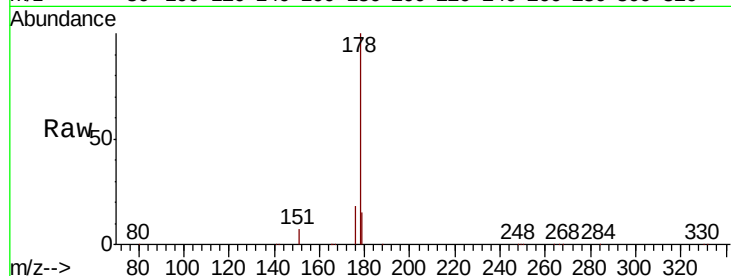
Tot Ion:178 Resp: 57862

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 15.0 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.359 ng

RT: 18.86 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

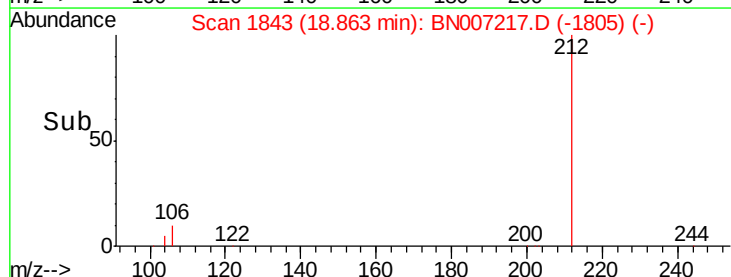
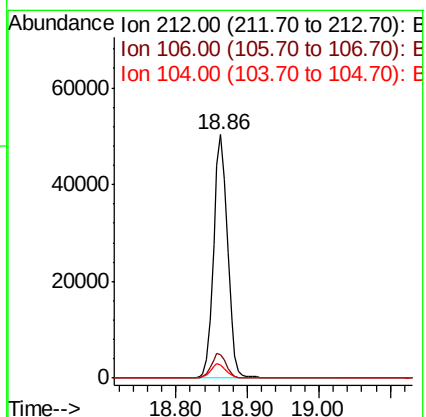
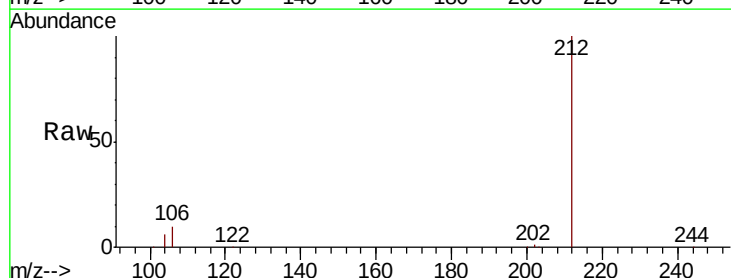
Tgt Ion:212 Resp: 67130

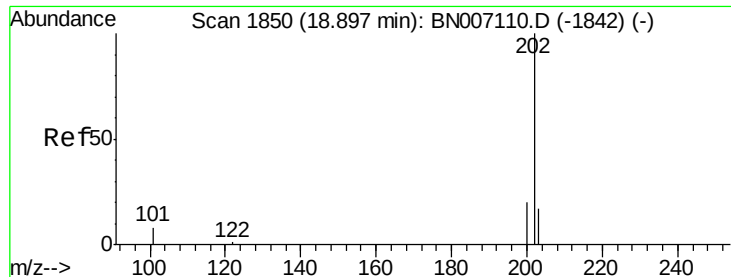
Ion Ratio Lower Upper

212 100

106 10.5 8.2 12.2

104 6.0 4.5 6.7





#25

Fluoranthene

Concen: 0.365 ng

RT: 18.89 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampleId :

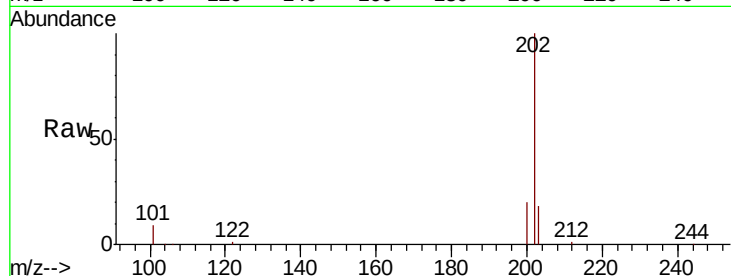
Tot Ion:202 Resp: 73769

Ion Ratio Lower Upper

202 100

101 9.0 7.0 10.4

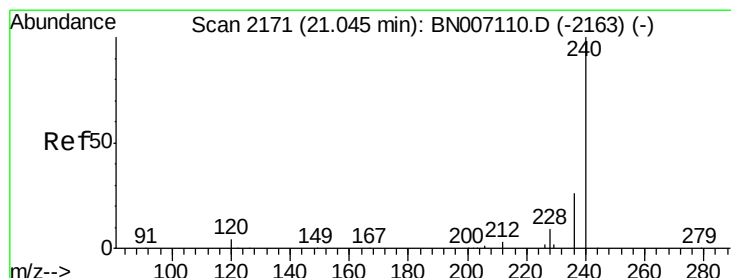
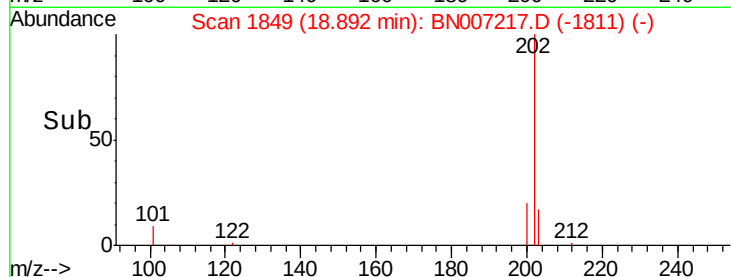
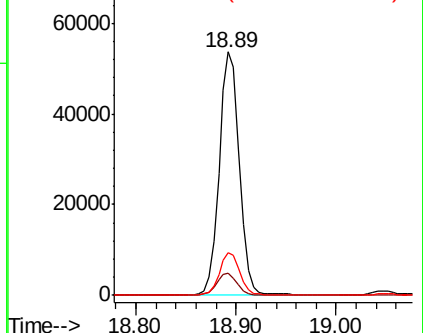
203 17.3 13.8 20.8



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: BN007217.D

Acq: 16 Aug 2019 03:33

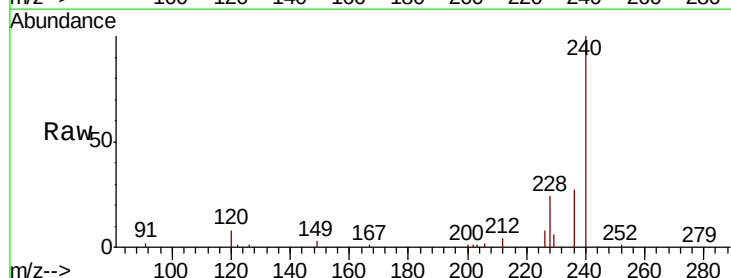
Tgt Ion:240 Resp: 52409

Ion Ratio Lower Upper

240 100

120 7.7 4.0 6.0#

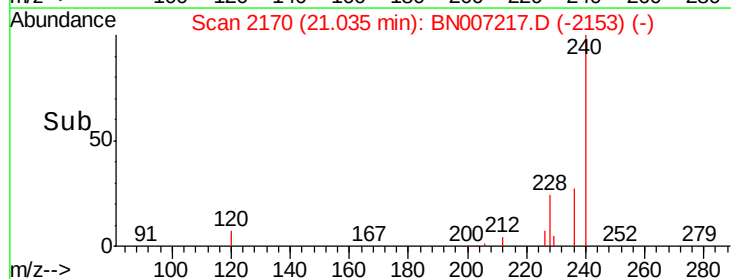
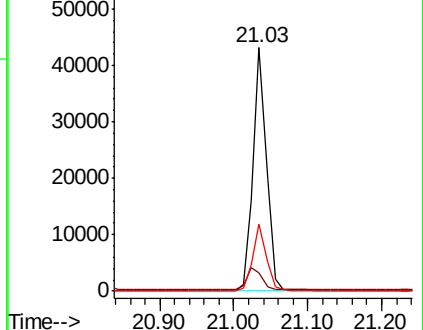
236 27.3 21.3 31.9

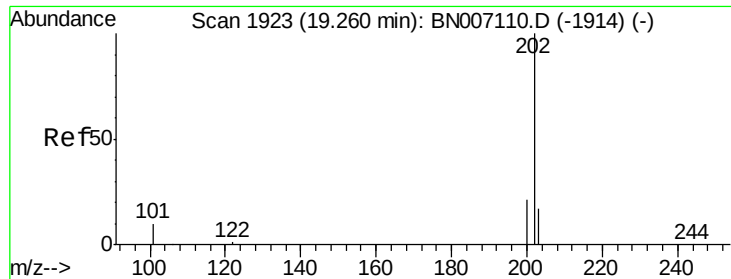


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

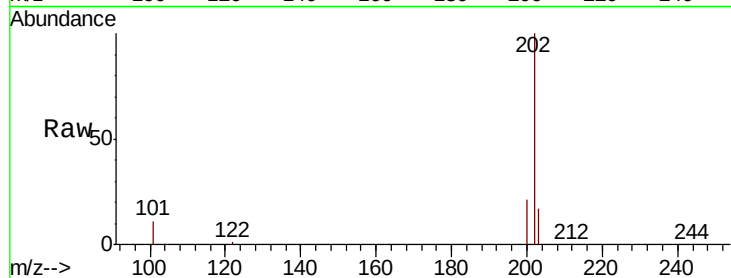




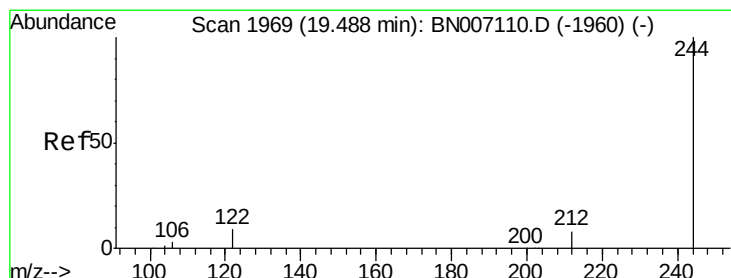
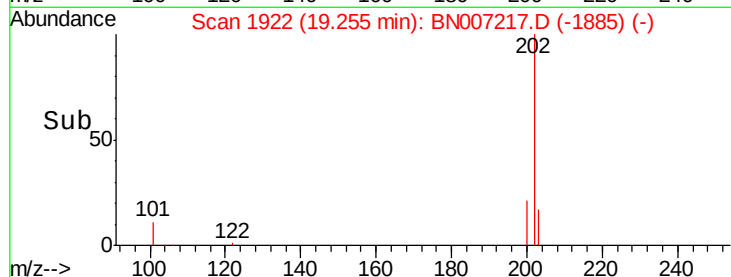
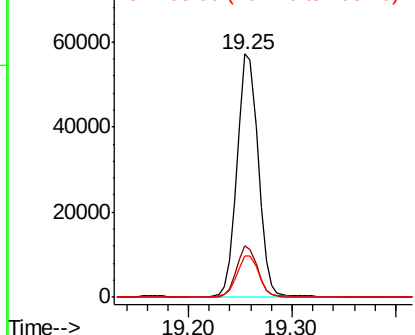
#27
Pvrene
Concen: 0.422 ng
RT: 19.25 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BN007217.D
Acq: 16 Aug 2019 03:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 77609
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.7 14.0 21.0

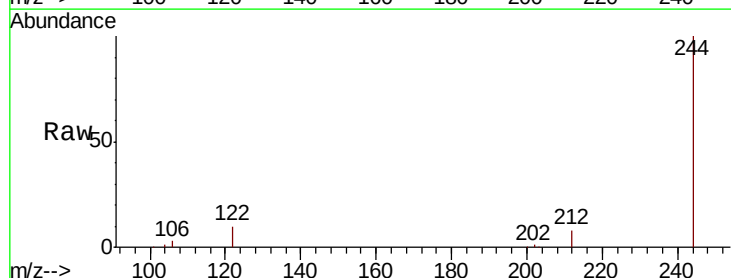


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

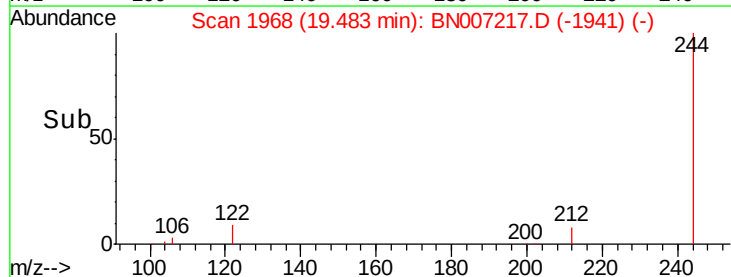
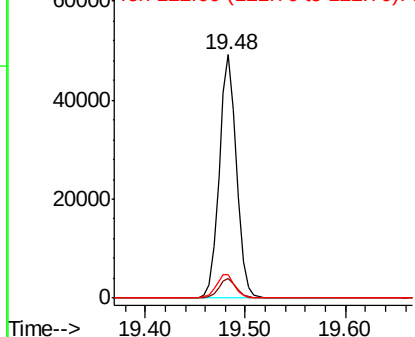


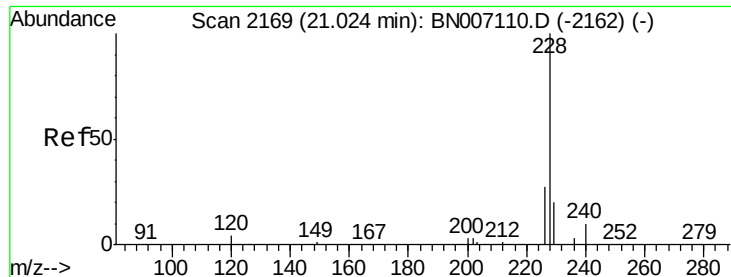
#28
Terphenyl-d14
Concen: 0.412 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BN007217.D
Acq: 16 Aug 2019 03:33

Tgt Ion:244 Resp: 58821
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 9.6 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: 0.402 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampleId :

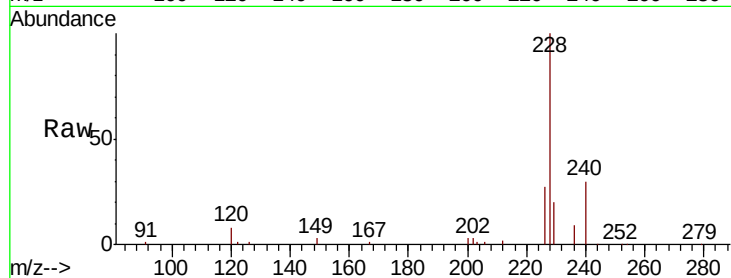
Tot Ion:228 Resp: 77109

Ion Ratio Lower Upper

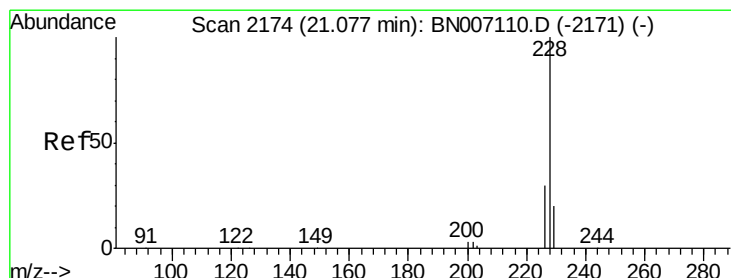
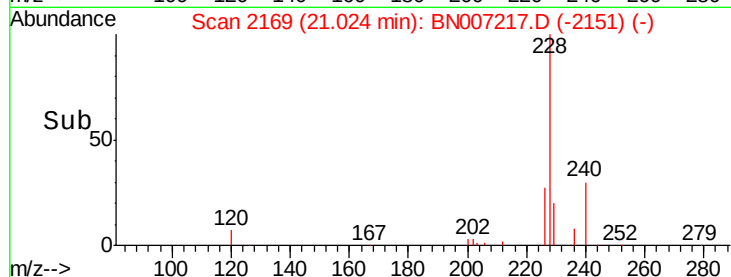
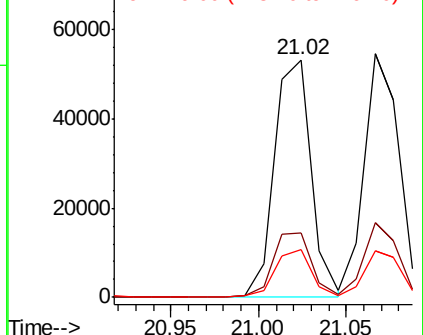
228 100

226 27.3 21.8 32.6

229 20.0 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: 0.400 ng

RT: 21.07 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

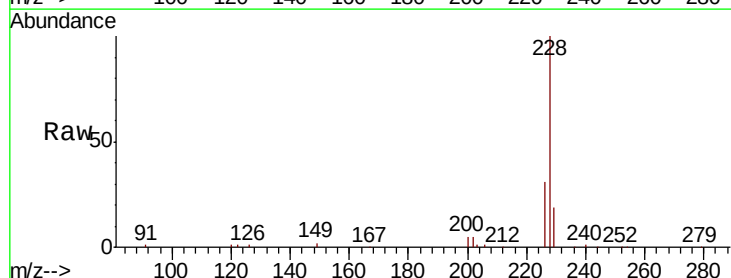
Tgt Ion:228 Resp: 74440

Ion Ratio Lower Upper

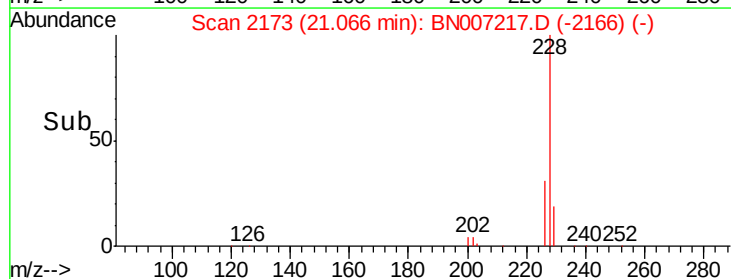
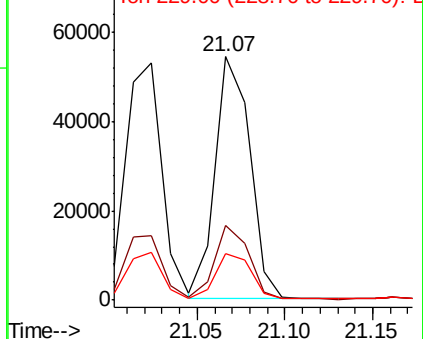
228 100

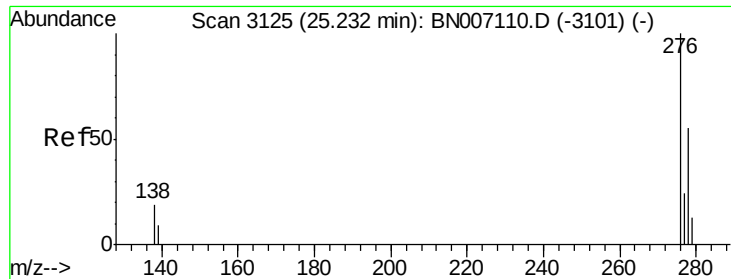
226 30.9 23.8 35.6

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

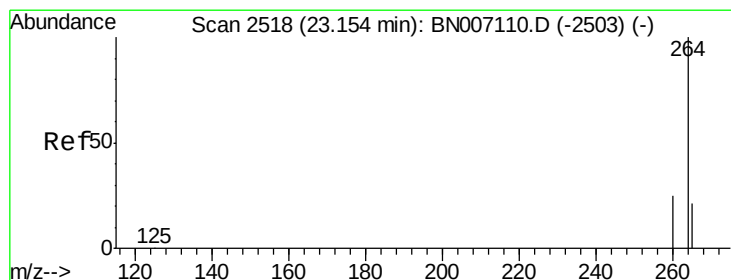
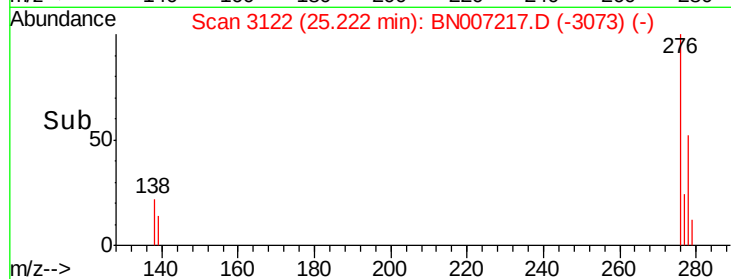
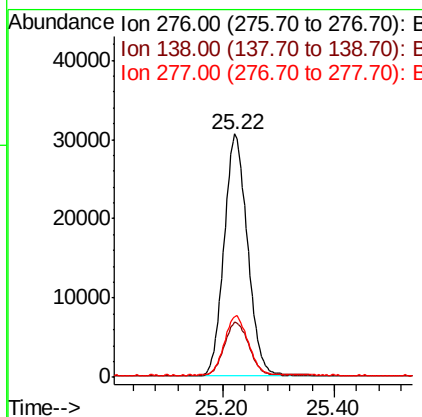
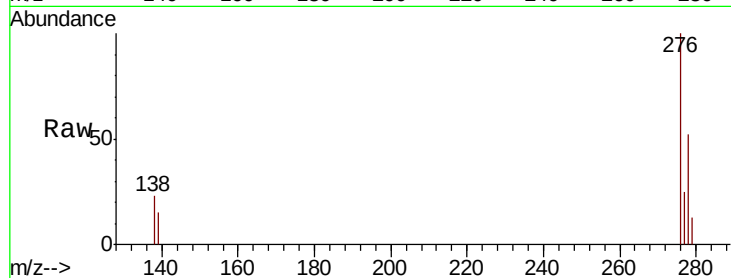




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.433 ng
 RT: 25.22 min Scan# 3122
 Delta R.T. -0.03 min
 Lab File: BN007217.D
 Acq: 16 Aug 2019 03:33

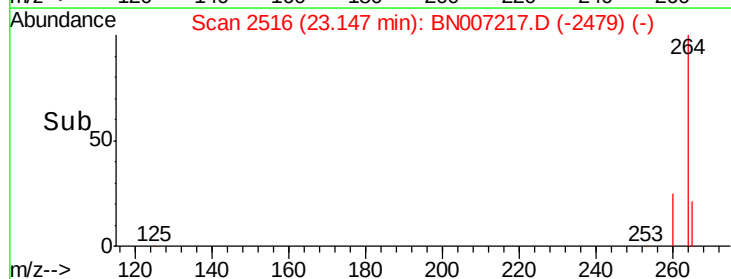
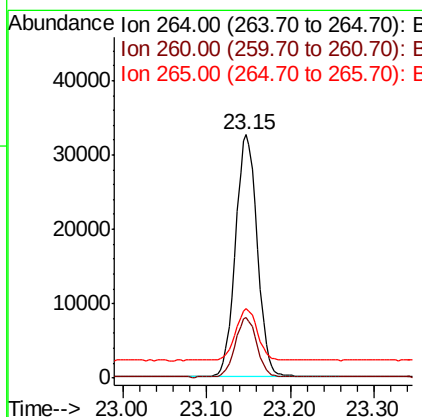
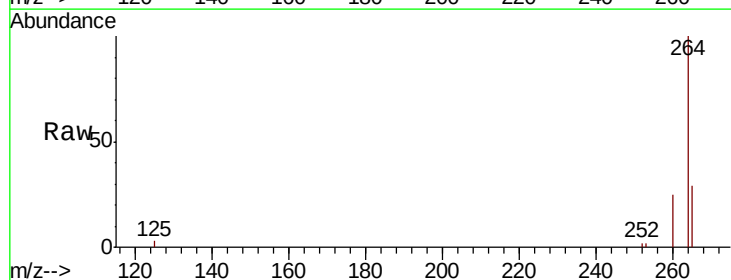
Instrument :
 BNA_N
 ClientSampleId :

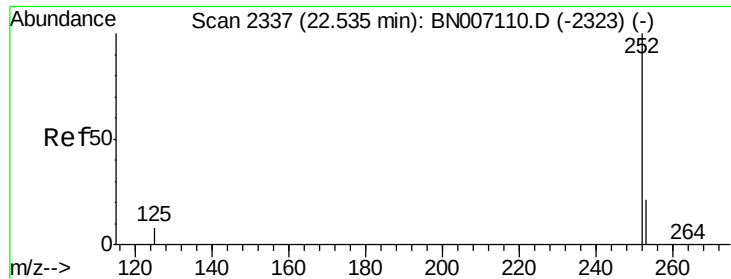
Tot Ion:276 Resp: 88935
 Ion Ratio Lower Upper
 276 100
 138 23.2 16.0 24.0
 277 24.9 19.9 29.9



#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BN007217.D
 Acq: 16 Aug 2019 03:33

Tgt Ion:264 Resp: 58552
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.8
 265 28.6 26.2 39.4





#33

Benzo(b)fluoranthene

Concen: 0.371 ng

RT: 22.53 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampleId :

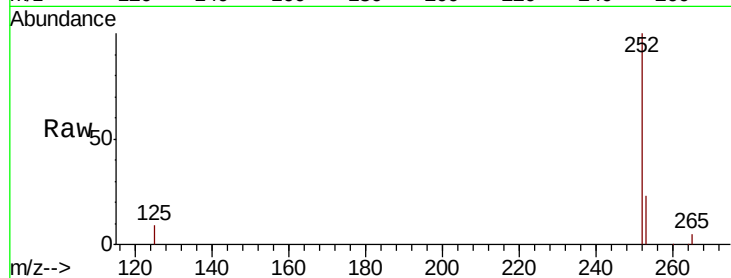
Tot Ion:252 Resp: 74553

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

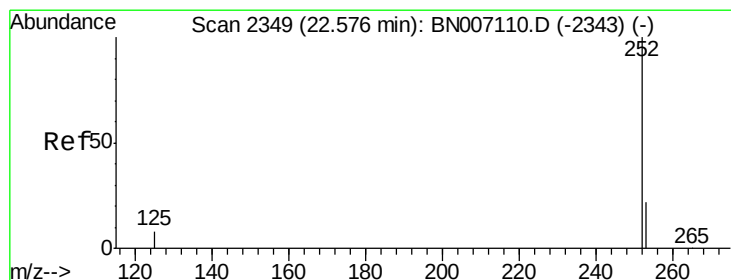
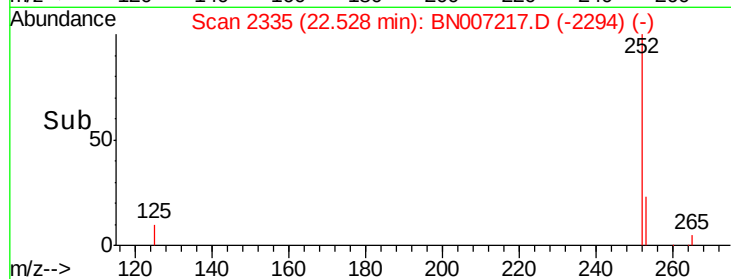
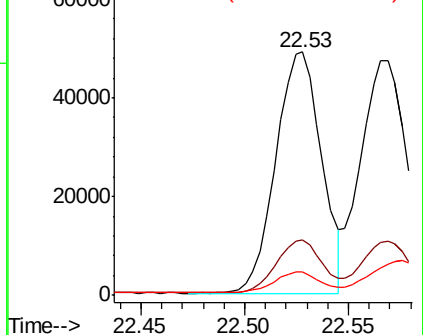
125 9.4 7.4 11.0



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: 0.376 ng

RT: 22.53 min Scan# 2335

Delta R.T. -0.06 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

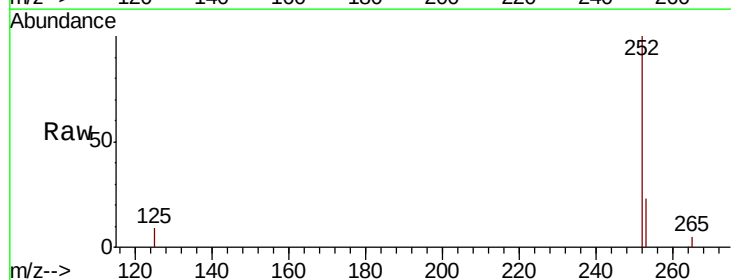
Tgt Ion:252 Resp: 74553

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

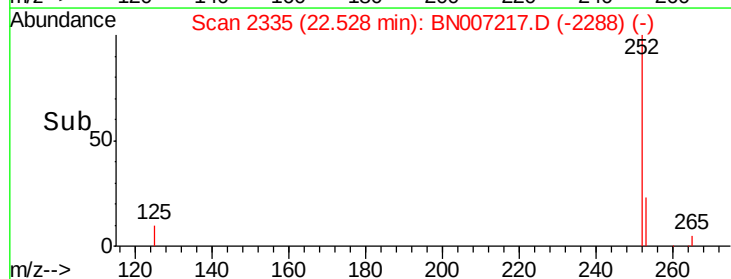
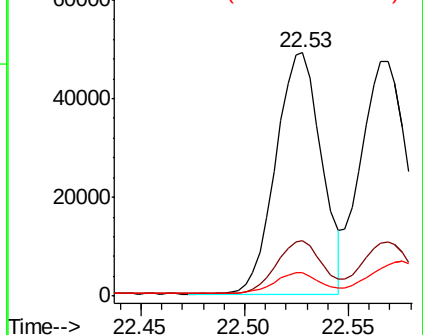
125 9.4 7.4 11.0

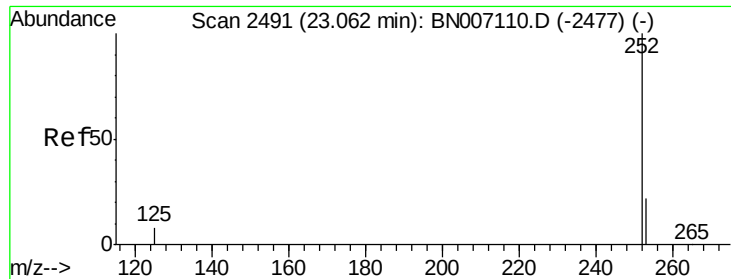


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.383 ng

RT: 23.06 min Scan# 2490

Delta R.T. -0.02 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampled :

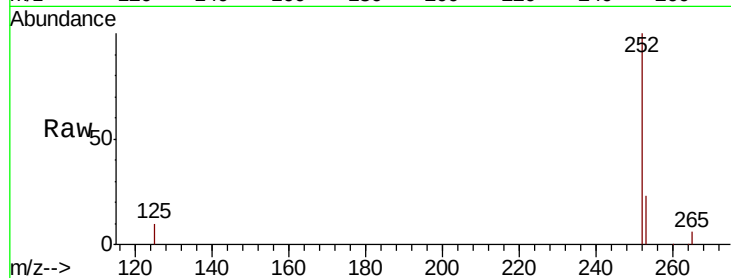
Tot Ion:252 Resp: 69798

Ion Ratio Lower Upper

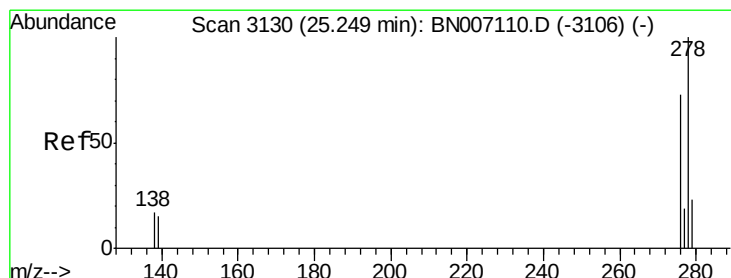
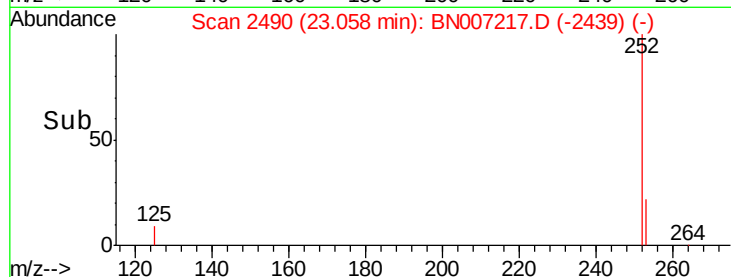
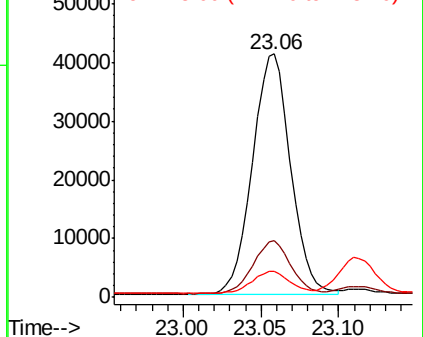
252 100

253 23.3 18.5 27.7

125 10.5 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: 0.398 ng

RT: 25.24 min Scan# 3128

Delta R.T. -0.03 min

Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

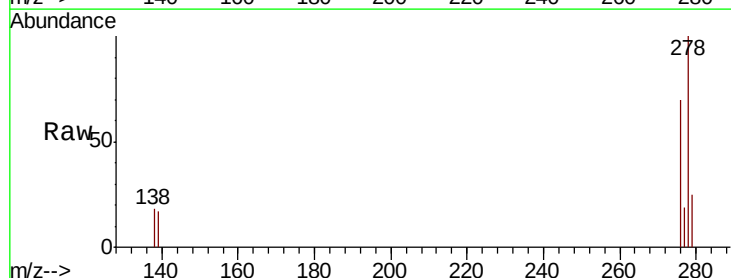
Tgt Ion:278 Resp: 72264

Ion Ratio Lower Upper

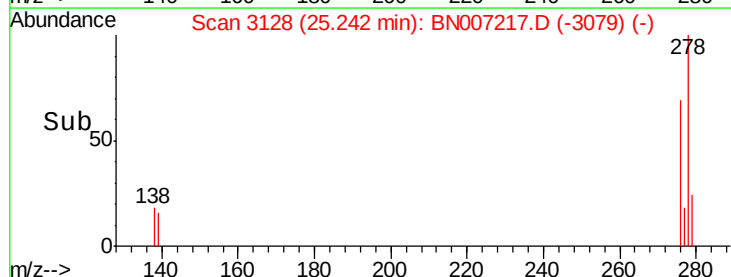
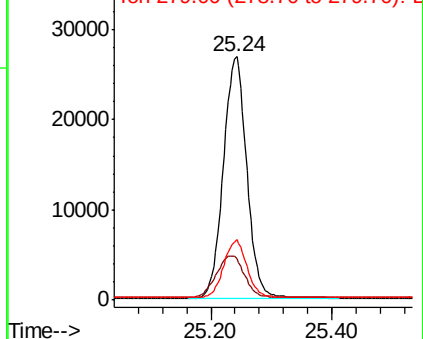
278 100

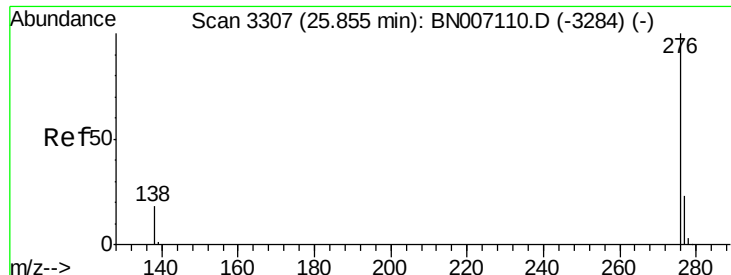
139 16.9 11.3 16.9

279 25.0 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: 25.85 min Scan# 3305

Delta R.T. -0.03 min

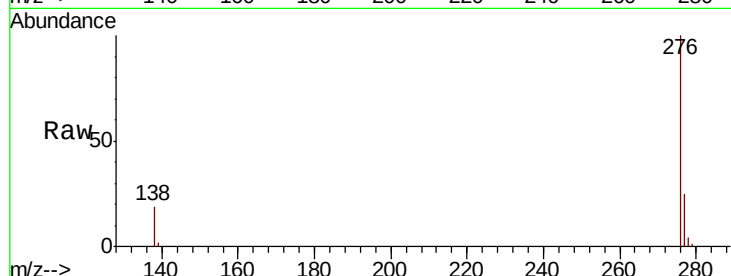
Lab File: BN007217.D

Acq: 16 Aug 2019 03:33

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 70756

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.8

138 19.1 14.6 22.0

