

Data File : BN007229.D
Acq On : 16 Aug 2019 18:48
Operator : HP/JU
Sample : K4282-16MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819MS

Quant Time: Aug 17 00:59:40 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	7.42	152	7377	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	28339	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	16350	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	37908	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	36862	0.40	ng	-0.02
32) Perylene-d12	23.15	264	40329	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.05	112	8657	0.49	ng	0.00
4) Phenol-d6	6.61	99	11602	0.53	ng	0.00
7) Nitrobenzene-d5	8.55	82	8720	0.38	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	22519	0.43	ng	-0.01
13) 2,4,6-Tribromophenol	15.56	330	3169	0.36	ng	-0.01
14) 2-Fluorobiphenyl	12.71	172	1100	0.05	ng	0.00
24) Fluoranthene-d10	18.86	212	36827	0.27	ng	-0.01
28) Terphenyl-d14	19.48	244	26842	0.27	ng	-0.02

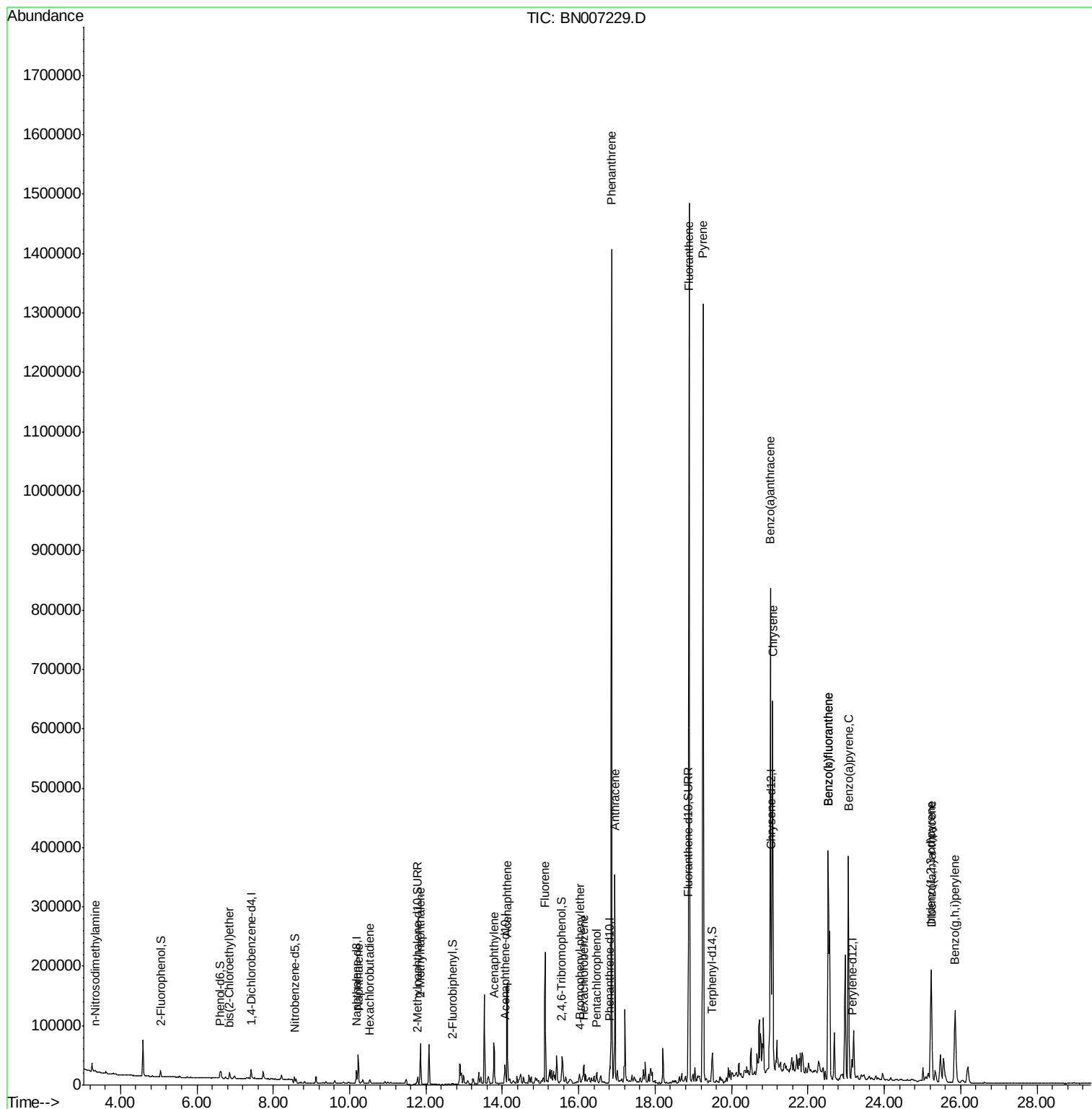
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.34	42	2221	0.458	ng	# 99
5) bis(2-Chloroethyl)ether	6.85	93	7958	0.410	ng	98
8) Naphthalene	10.22	128	59604	0.750	ng	99
9) Hexachlorobutadiene	10.53	225	5310	0.313	ng	# 100
11) 2-Methylnaphthalene	11.85	142	49551	0.880	ng	97
15) Acenaphthylene	13.78	152	77249	0.904	ng	98
16) Acenaphthene	14.13	154	95655	1.747	ng	99
17) Fluorene	15.12	166	126460	1.544	ng	98
19) 4-Bromophenyl-phenylether	16.03	248	7971	0.340	ng	95
20) Hexachlorobenzene	16.13	284	7533	0.334	ng	98
21) Pentachlorophenol	16.47	266	3112	0.370	ng	99
22) Phenanthrene	16.86	178	1399610	12.320	ng	100
23) Anthracene	16.95	178	361779	3.485	ng	# 94
25) Fluoranthene	18.89	202	1407083	9.682	ng	99
27) Pyrene	19.25	202	1204764	9.320	ng	# 94
29) Benzo(a)anthracene	21.02	228	707278	5.247	ng	97
30) Chrysene	21.08	228	592044	4.520	ng	97
31) Indeno(1,2,3-cd)pyrene	25.22	276	280655	1.944	ng	99
33) Benzo(b)fluoranthene	22.53	252	605374	4.378	ng	99
34) Benzo(k)fluoranthene	22.53	252	605374	4.432	ng	99
35) Benzo(a)pyrene	23.06	252	477523	3.809	ng	99
36) Dibenzo(a,h)anthracene	25.24	278	108216	0.865	ng	96
37) Benzo(g,h,i)perylene	25.85	276	245707	1.910	ng	99

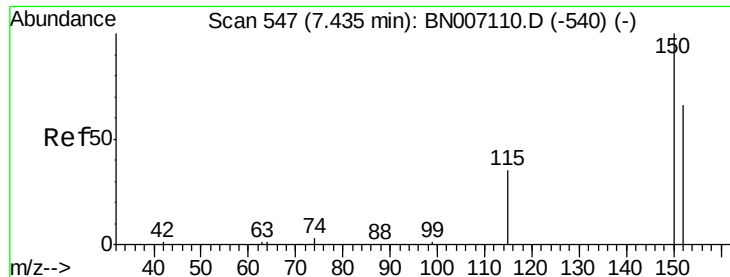
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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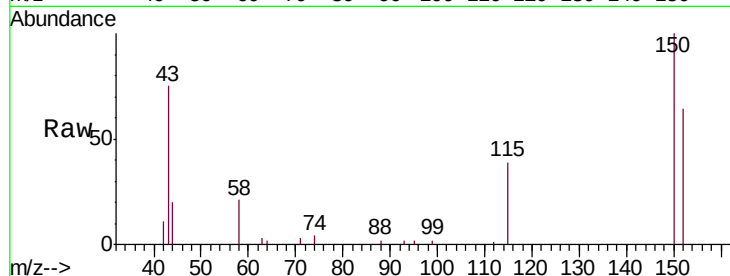


#1

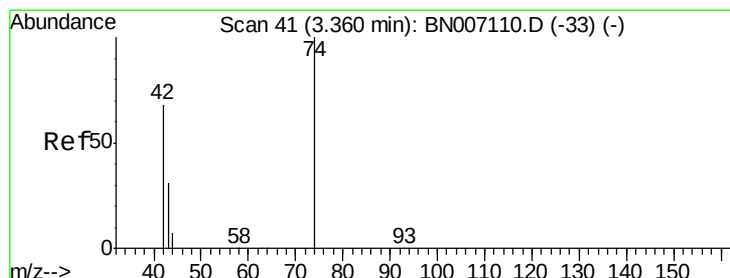
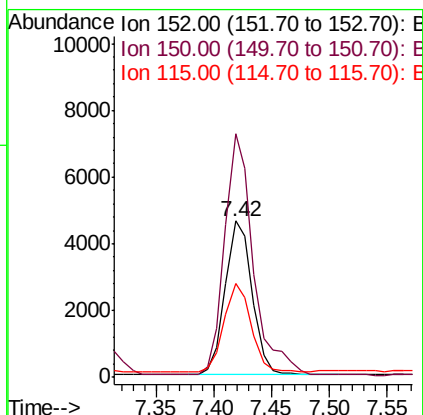
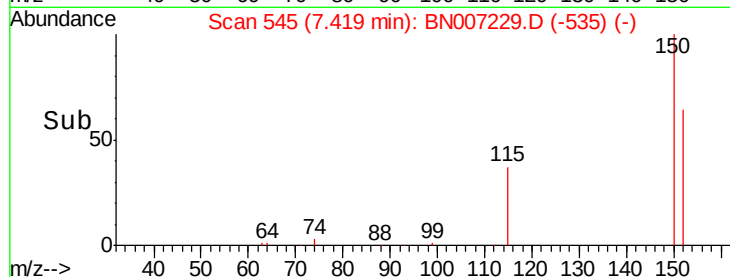
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007229.D
Acq: 16 Aug 2019 18:48

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819MS

Tgt Ion: 152 Resp: 7377
Ion Ratio Lower Upper
152 100
150 155.8 121.7 182.5
115 60.3 46.2 69.4



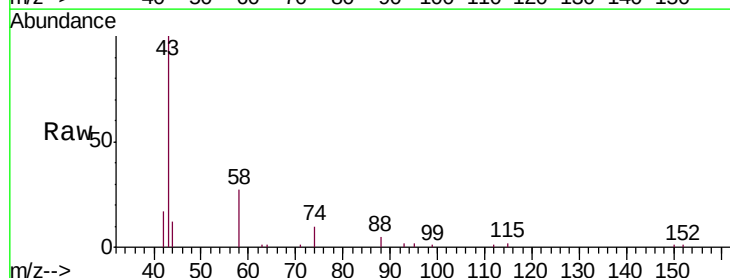
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



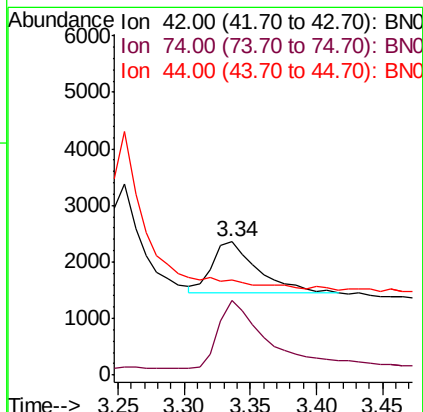
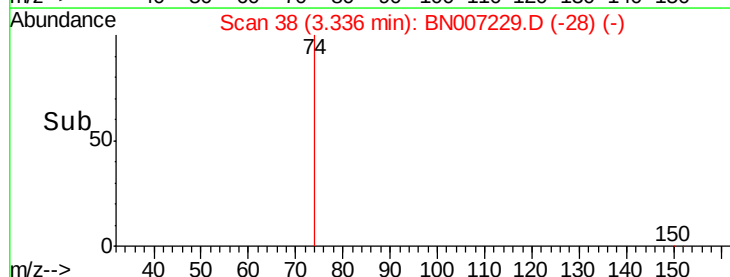
#2

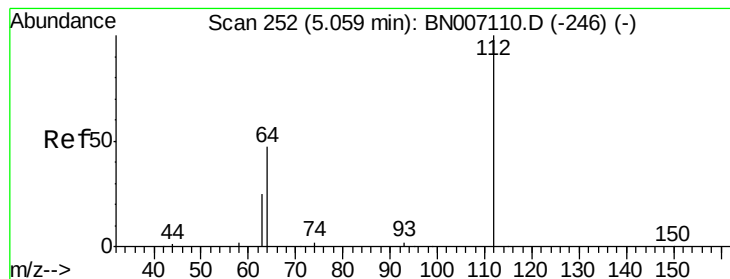
n-Nitrosodimethylamine
Concen: 0.458 ng
RT: 3.34 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN007229.D
Acq: 16 Aug 2019 18:48

Tgt Ion: 42 Resp: 2221
Ion Ratio Lower Upper
42 100
74 137.6 110.6 166.0
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: 0.488 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS

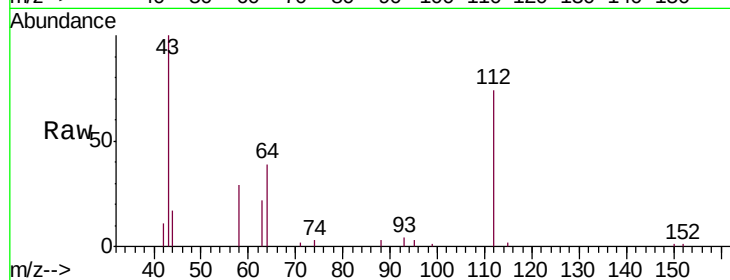
Tgt Ion: 112 Resp: 8657

Ion Ratio Lower Upper

112 100

64 52.2 42.6 63.8

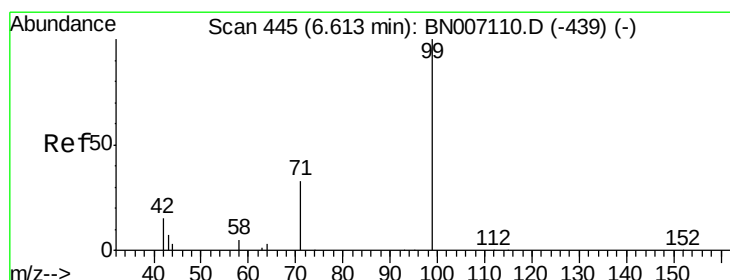
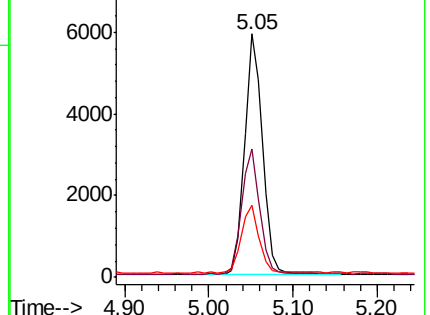
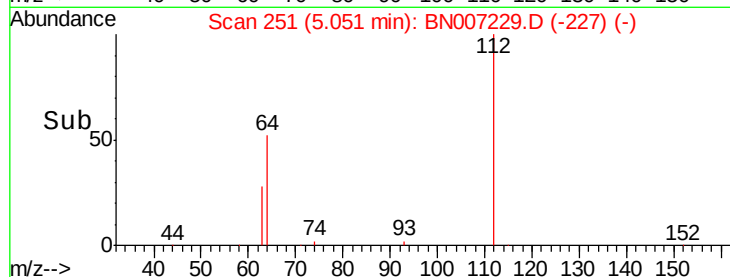
63 27.2 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#4

Phenol-d6

Concen: 0.528 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

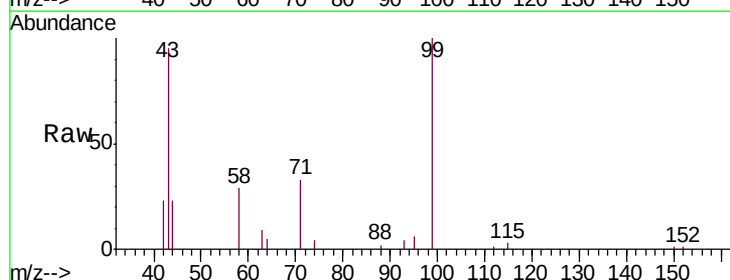
Tgt Ion: 99 Resp: 11602

Ion Ratio Lower Upper

99 100

42 22.1 15.8 23.6

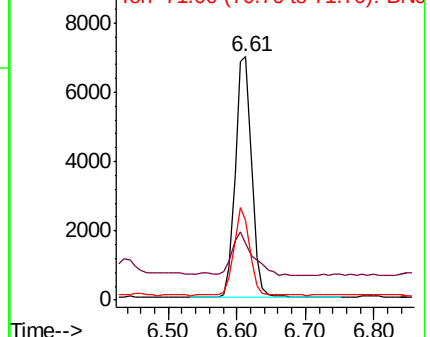
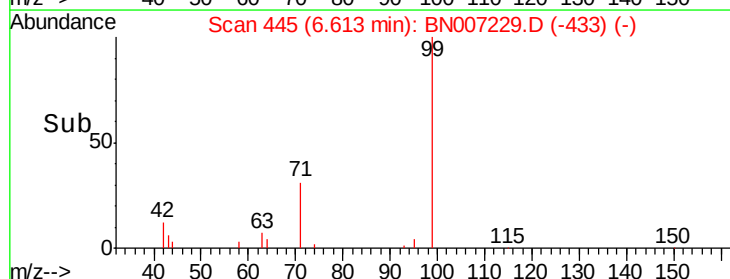
71 34.6 27.0 40.4

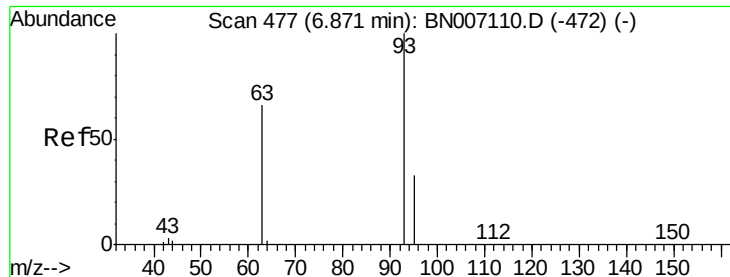


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#5

bis(2-Chloroethyl)ether

Concen: 0.410 ng

RT: 6.85 min Scan# 475

Delta R.T. -0.02 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

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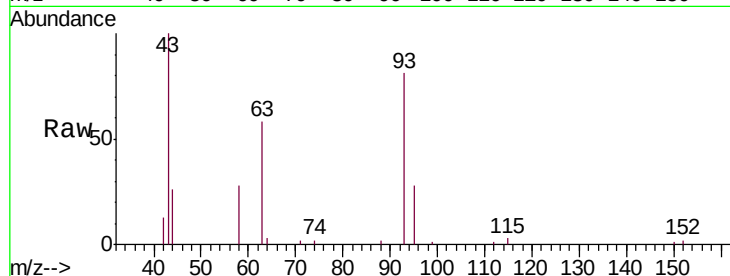
Tgt Ion: 93 Resp: 7958

Ion Ratio Lower Upper

93 100

63 66.9 55.6 83.4

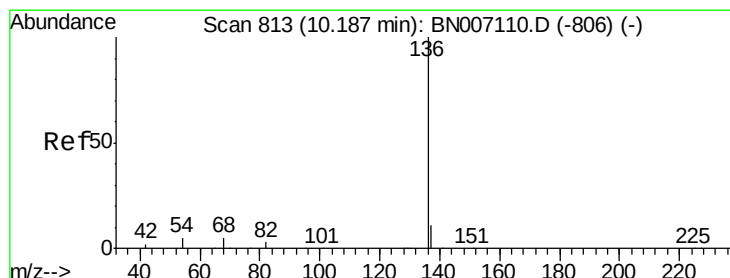
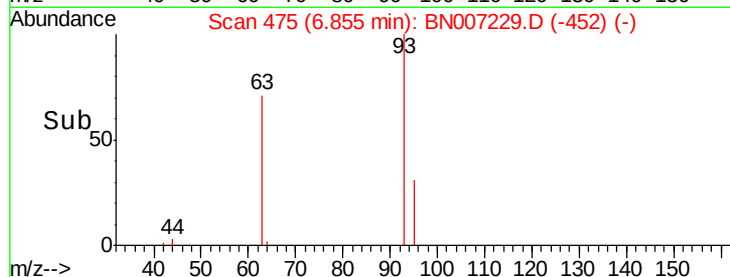
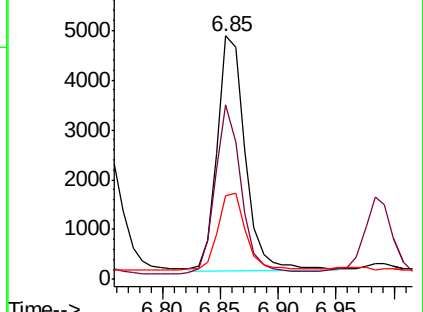
95 33.3 26.7 40.1



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: 10.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Tgt Ion: 136 Resp: 28339

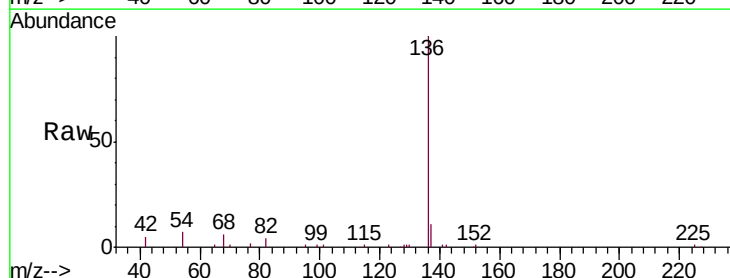
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 6.9 6.6 9.8

68 6.3 6.0 9.0

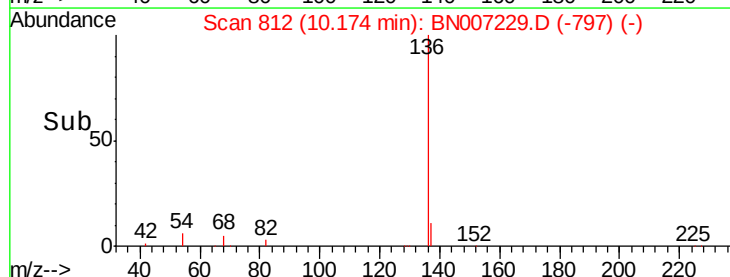
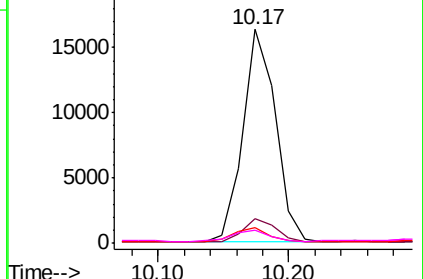


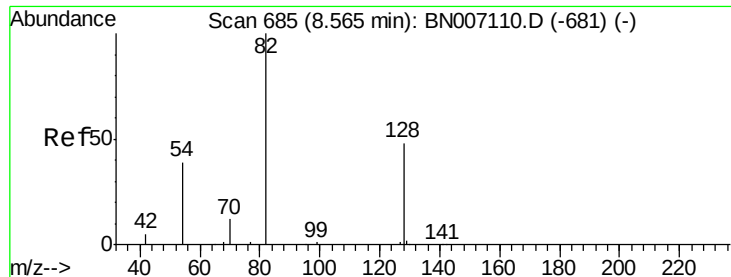
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

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: 0.382 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS

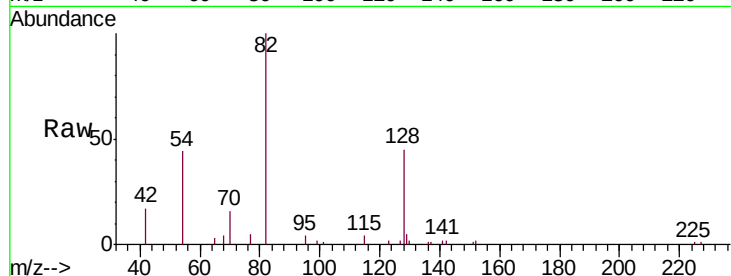
Tgt Ion: 82 Resp: 8720

Ion Ratio Lower Upper

82 100

128 45.0 34.6 51.8

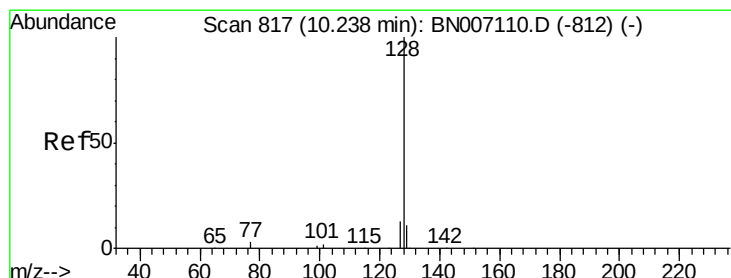
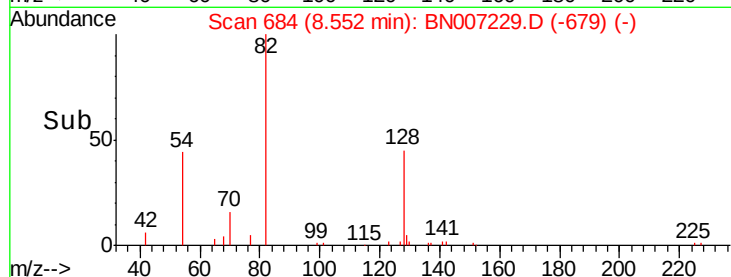
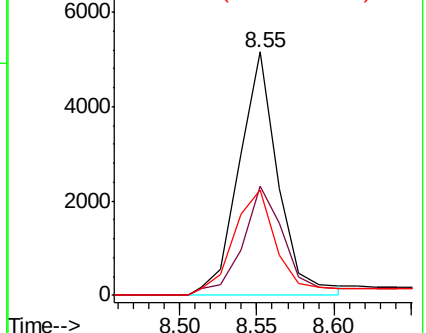
54 43.5 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#8

Naphthalene

Concen: 0.750 ng

RT: 10.22 min Scan# 816

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

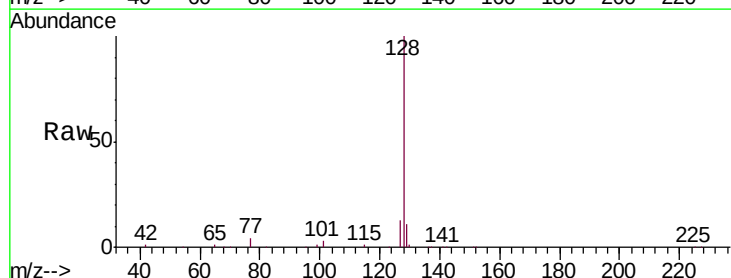
Tgt Ion: 128 Resp: 59604

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

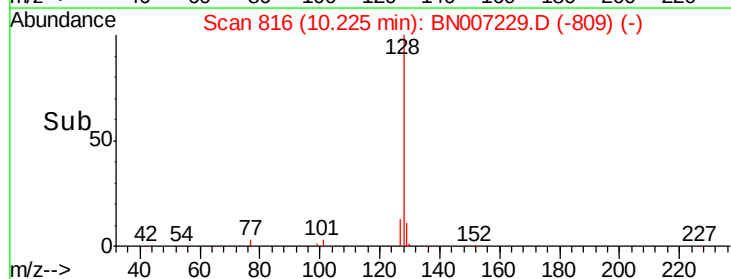
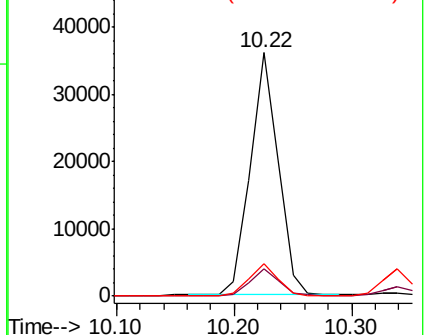
127 13.3 11.0 16.6

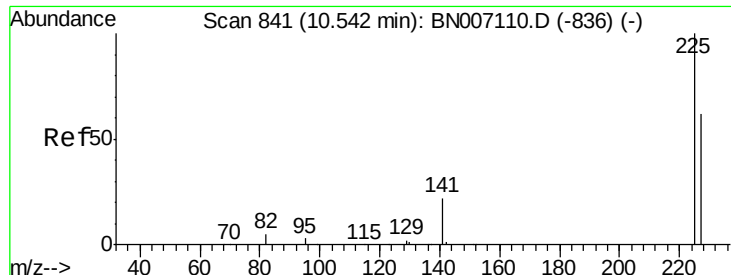


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#9

Hexachlorobutadiene

Concen: 0.313 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.03 min

Lab File: BN007229.D

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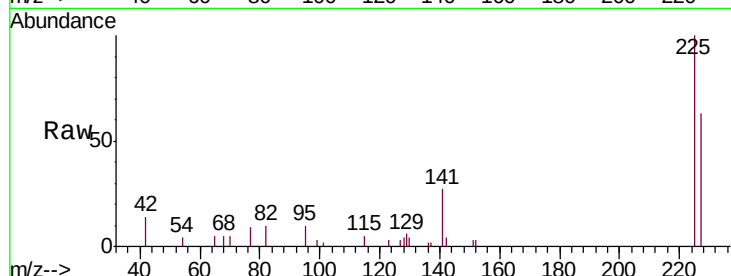
Tgt Ion:225 Resp: 5310

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

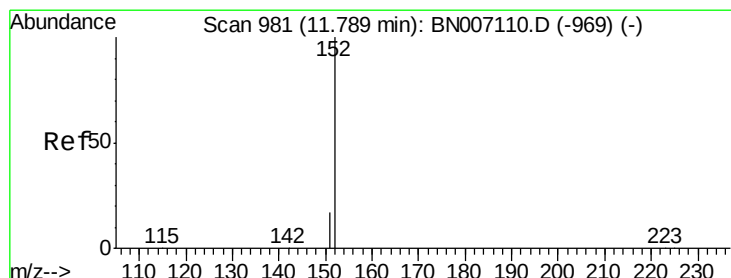
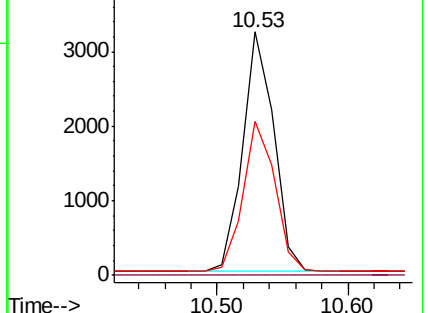
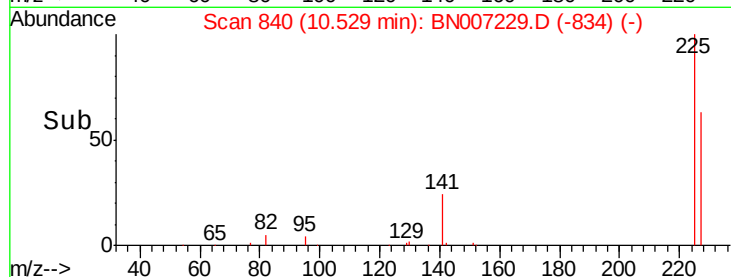
227 63.8 51.1 76.7



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: 0.426 ng

RT: 11.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BN007229.D

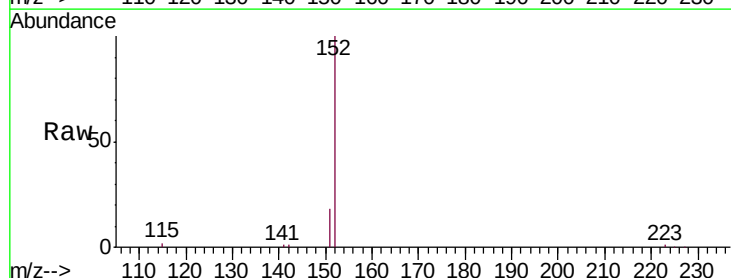
Acq: 16 Aug 2019 18:48

Tgt Ion:152 Resp: 22519

Ion Ratio Lower Upper

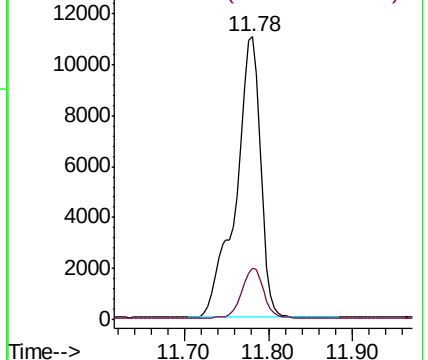
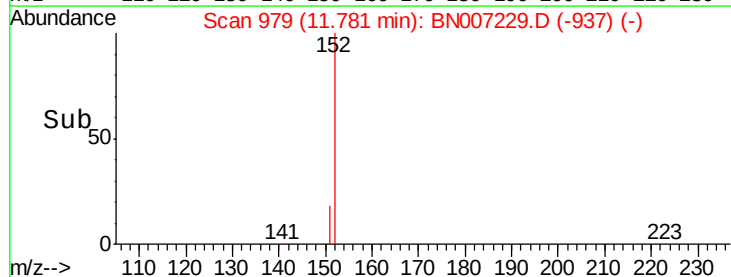
152 100

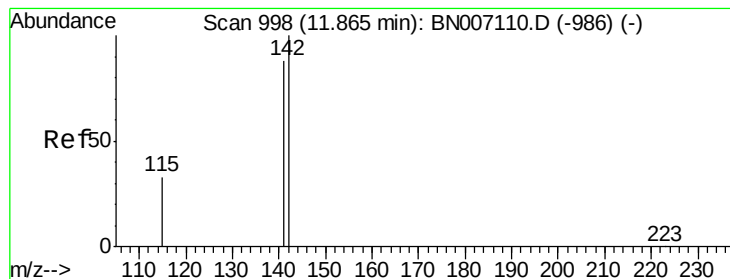
151 15.5 15.5 23.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.880 ng

RT: 11.85 min Scan# 995

Delta R.T. -0.02 min

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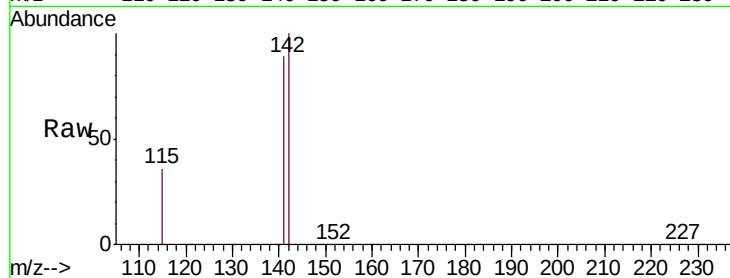
Tgt Ion:142 Resp: 49551

Ion Ratio Lower Upper

142 100

141 89.4 69.0 103.6

115 35.6 27.1 40.7

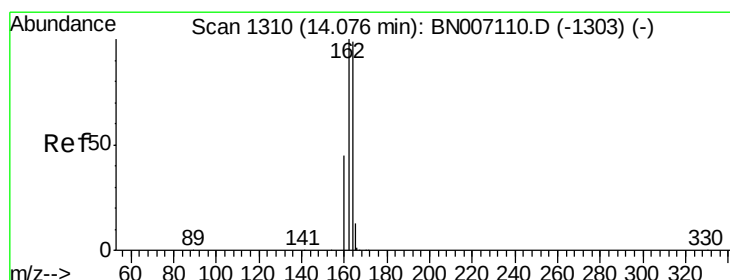
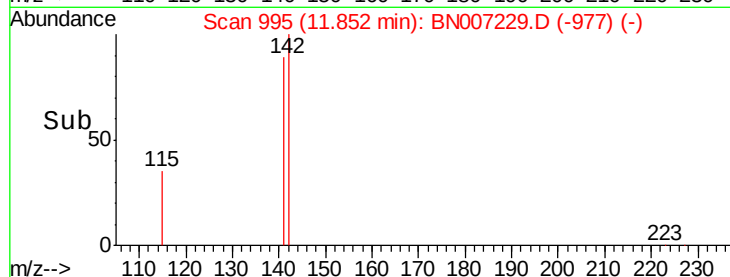
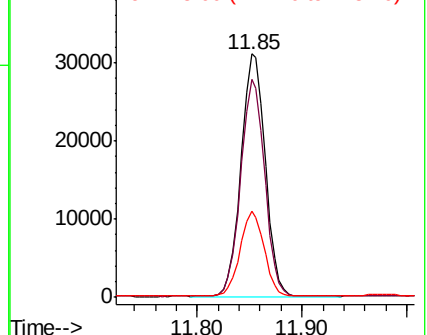


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

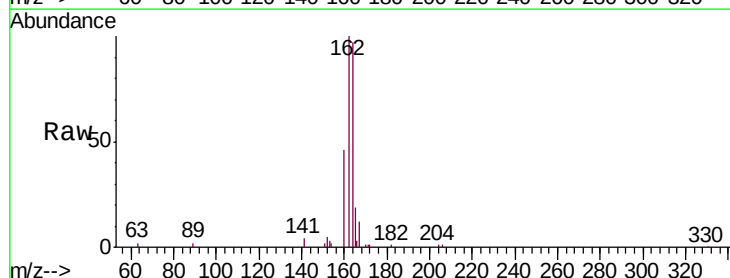
Tgt Ion:164 Resp: 16350

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.4

160 46.8 38.3 57.5

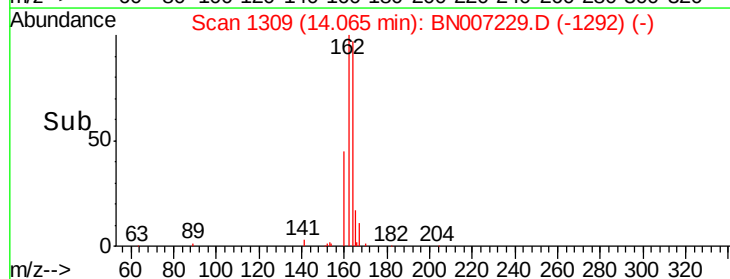
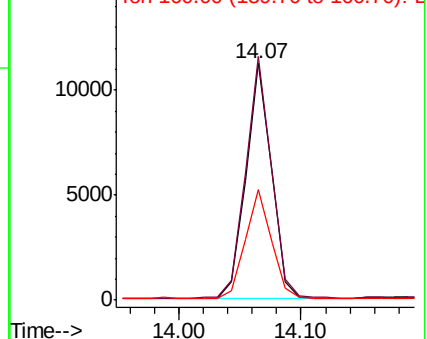


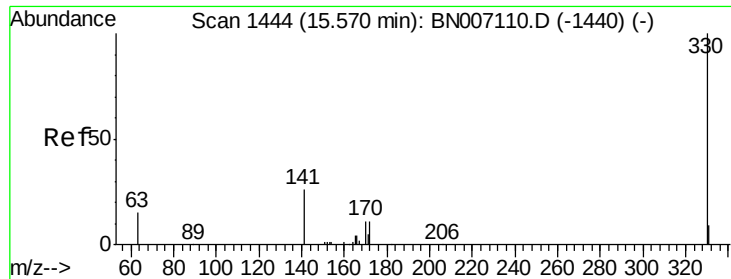
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

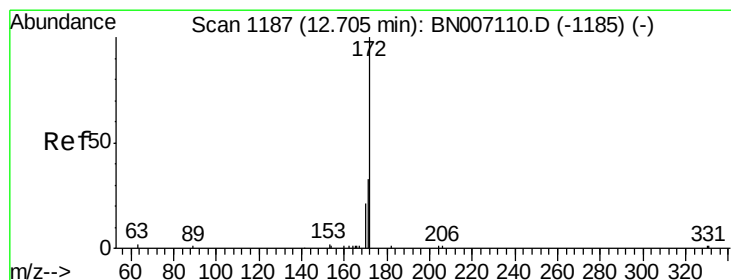
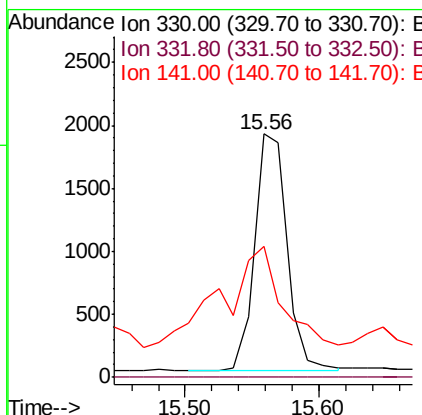
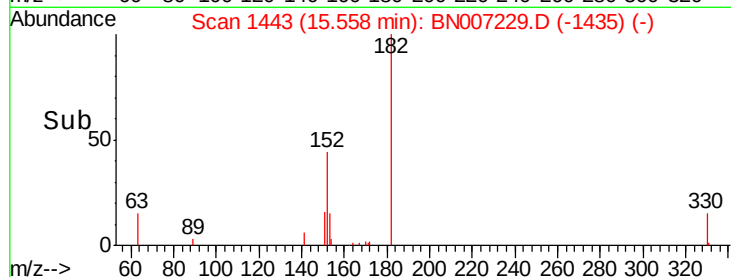
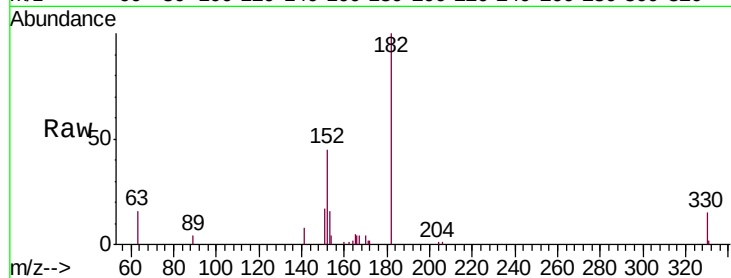




#13
 2,4,6-Tribromophenol
 Concen: 0.360 ng
 RT: 15.56 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BN007229.D
 Acq: 16 Aug 2019 18:48

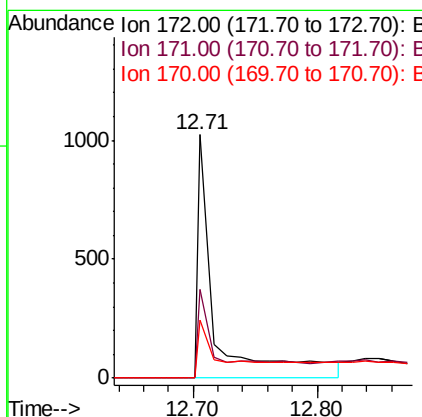
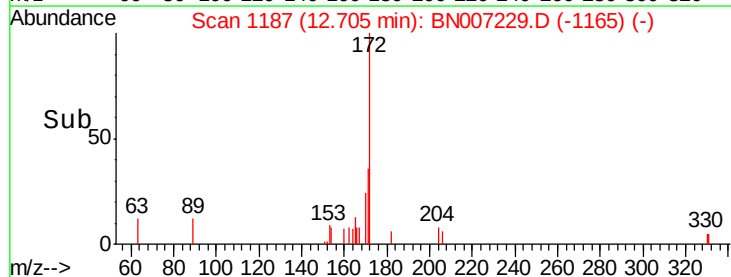
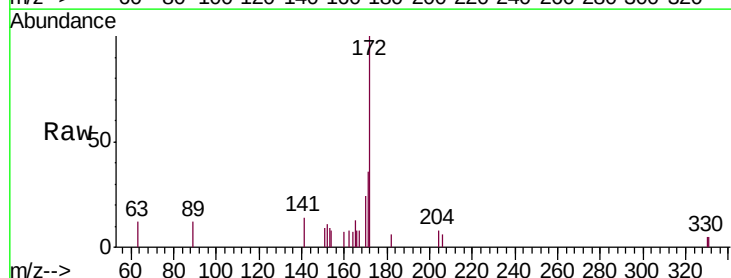
Instrument :
 BNA_N
 ClientSampleId :
 PST-010-B225-080819MS

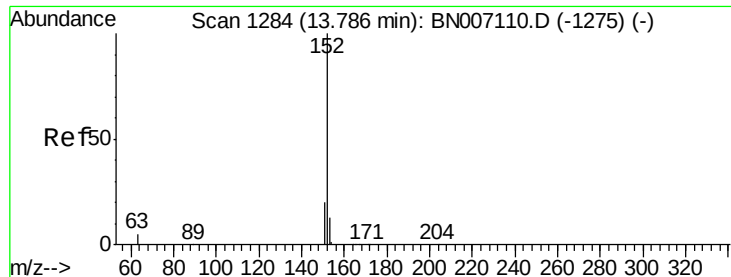
Tgt Ion: 330 Resp: 3169
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 74.8 33.6 50.4#



#14
 2-Fluorobiphenyl
 Concen: 0.046 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007229.D
 Acq: 16 Aug 2019 18:48

Tgt Ion: 172 Resp: 1100
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.3 39.5
 170 23.6 17.0 25.4





#15

Acenaphthylene

Concen: 0.904 ng

RT: 13.78 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS

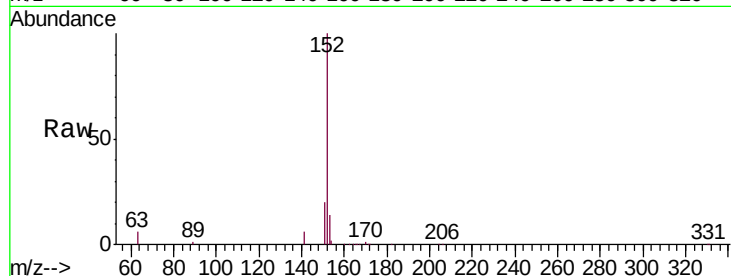
Tgt Ion:152 Resp: 77249

Ion Ratio Lower Upper

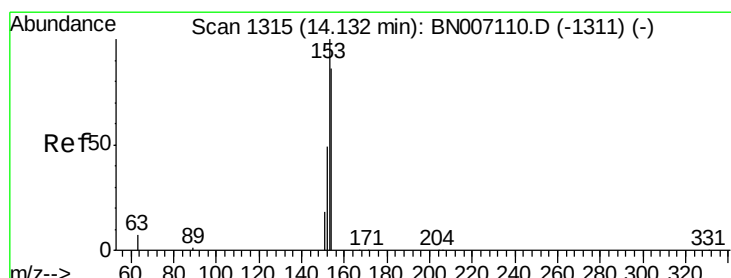
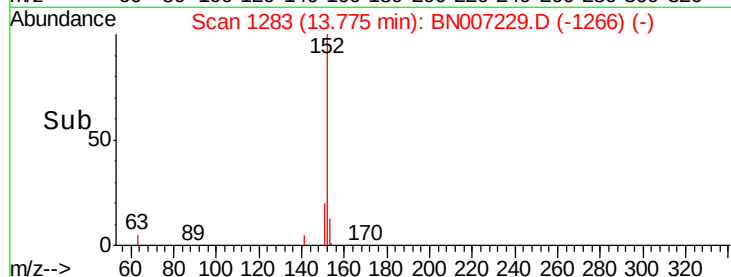
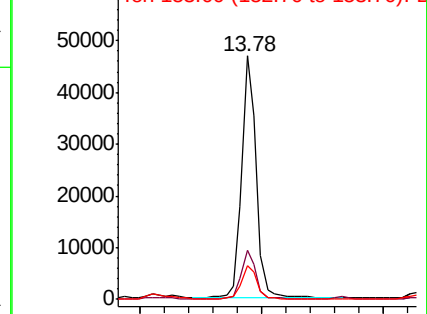
152 100

151 19.9 15.8 23.6

153 14.4 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: 1.747 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

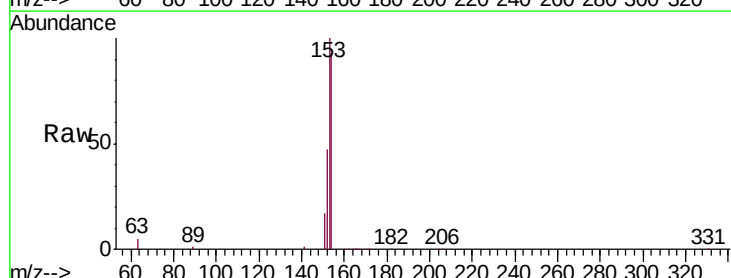
Tgt Ion:154 Resp: 95655

Ion Ratio Lower Upper

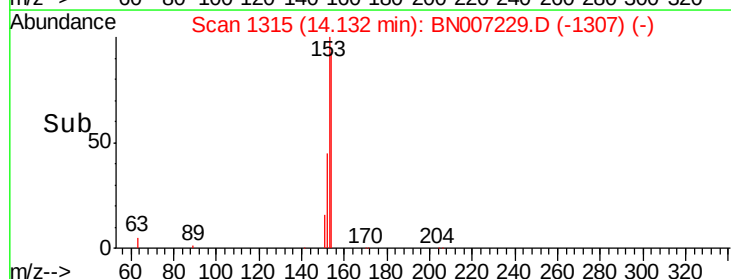
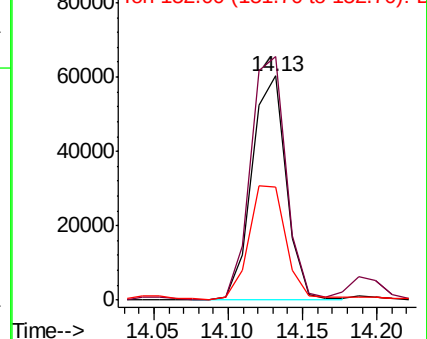
154 100

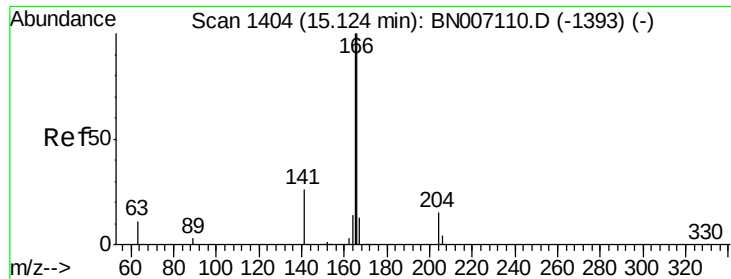
153 113.0 89.5 134.3

152 55.5 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

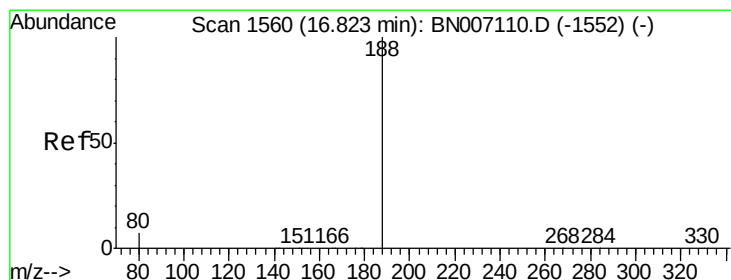
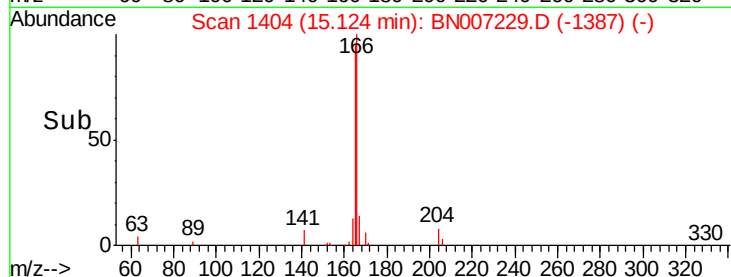
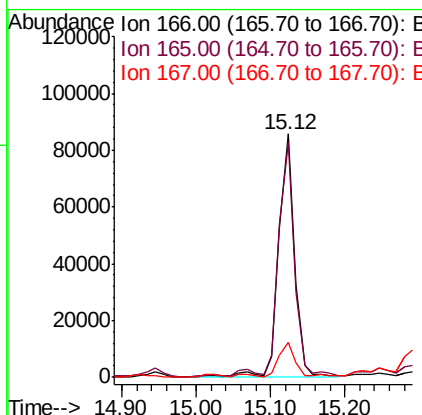
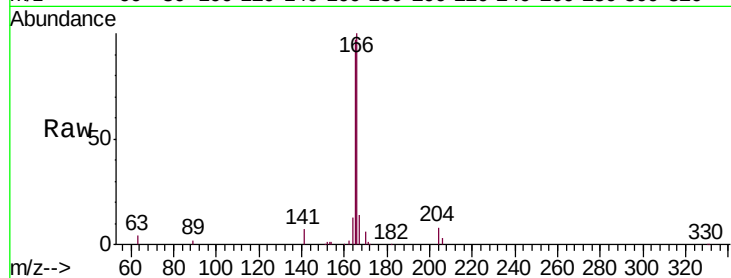




#17
Fluorene
 Concen: 1.544 ng
 RT: 15.12 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BN007229.D
 Acq: 16 Aug 2019 18:48

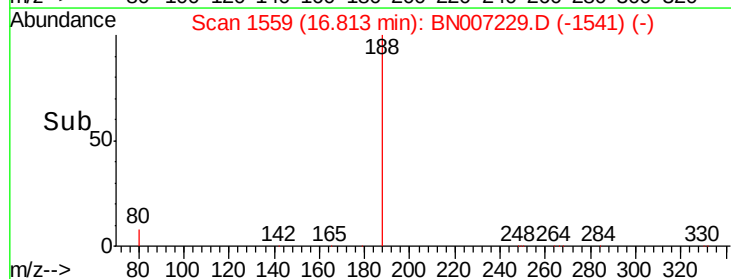
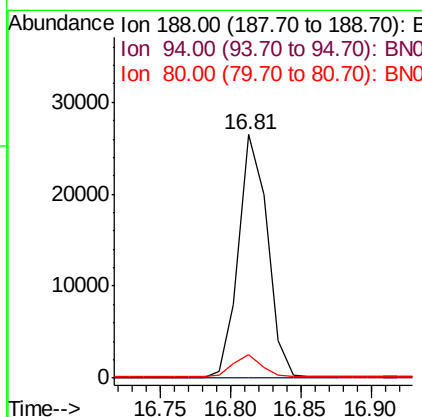
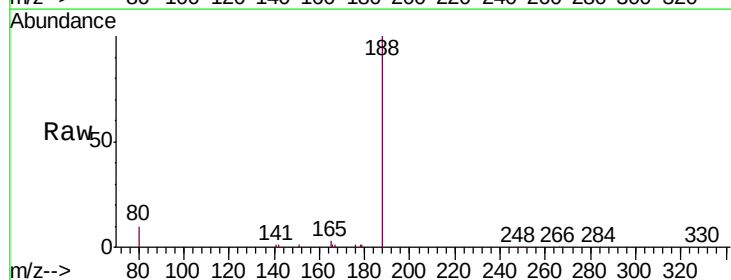
Instrument :
 BNA_N
 ClientSampleId :
 PST-010-B225-080819MS

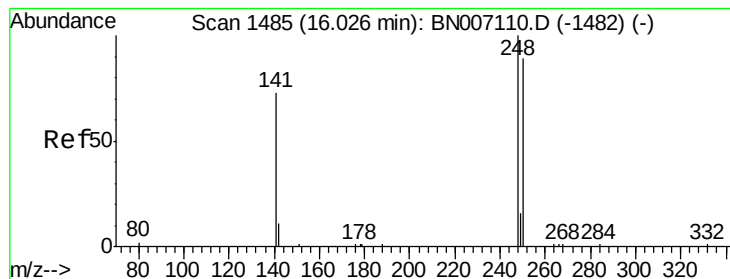
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.9	116.9
167	13.9	10.9	16.3



#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.81 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BN007229.D
 Acq: 16 Aug 2019 18:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.8	11.6





#19

4-Bromophenyl-phenylether

Concen: 0.340 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS

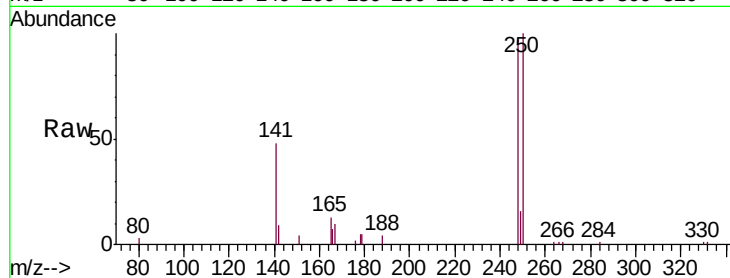
Tgt Ion: 248 Resp: 7971

Ion Ratio Lower Upper

248 100

250 102.7 78.9 118.3

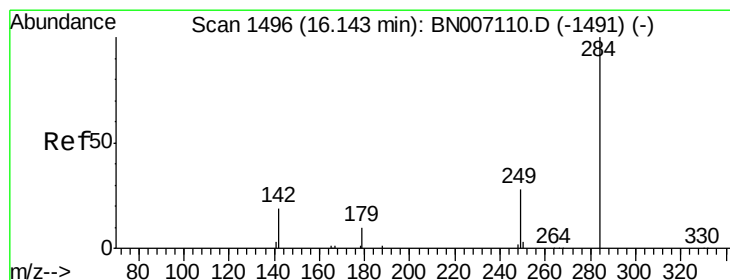
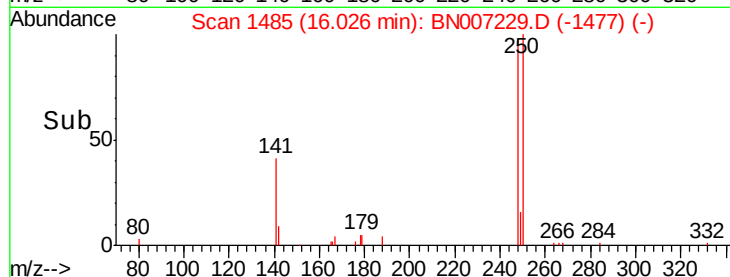
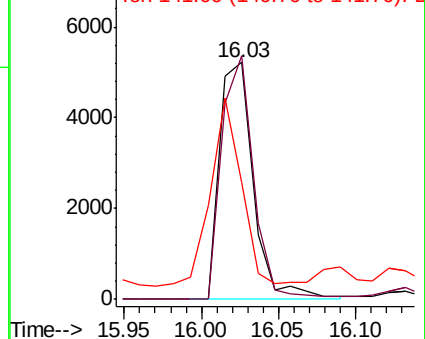
141 49.5 43.3 64.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.334 ng

RT: 16.13 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

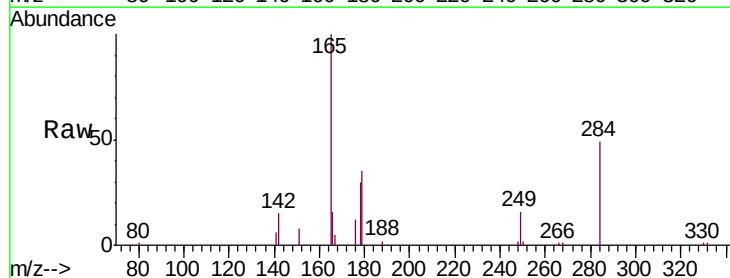
Tgt Ion: 284 Resp: 7533

Ion Ratio Lower Upper

284 100

142 36.2 30.5 45.7

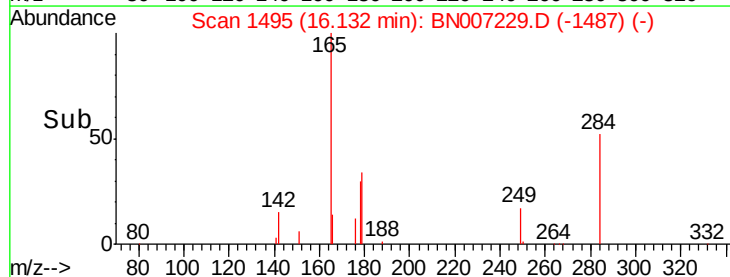
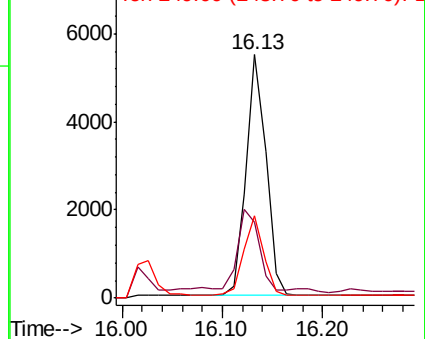
249 32.6 26.7 40.1

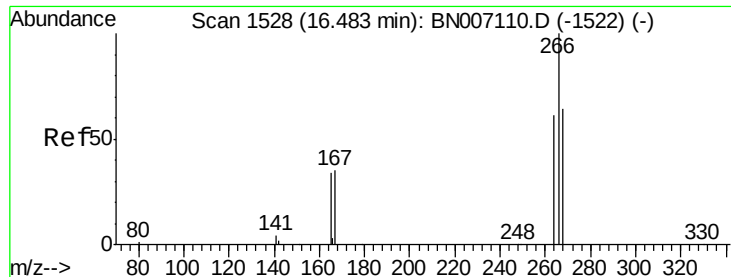


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.370 ng

RT: 16.47 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS

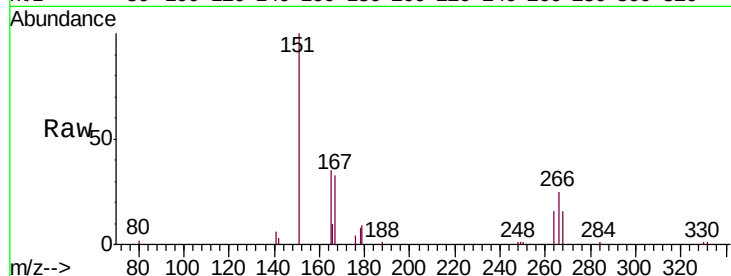
Tgt Ion:266 Resp: 3112

Ion Ratio Lower Upper

266 100

264 64.9 52.3 78.5

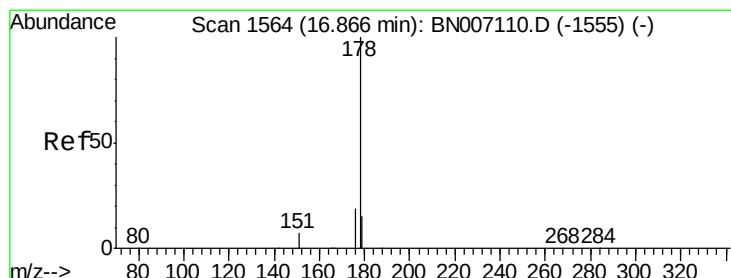
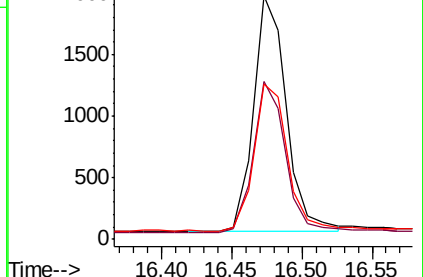
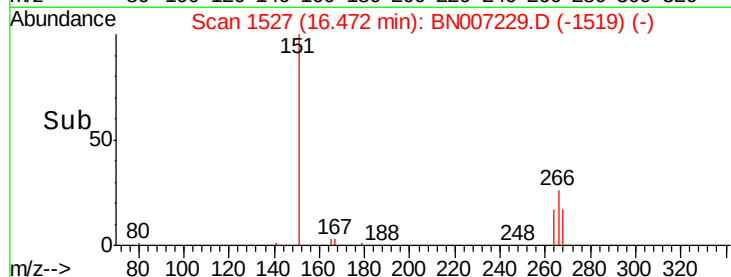
268 64.0 51.5 77.3



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: 12.320 ng

RT: 16.86 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

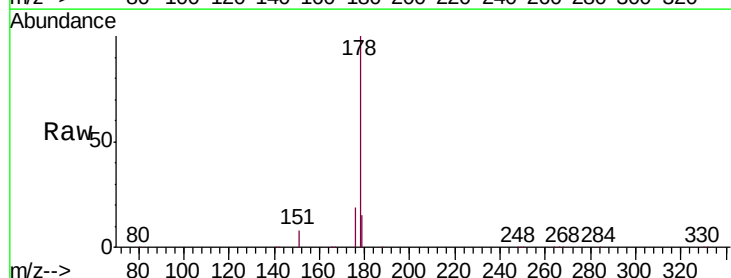
Tgt Ion:178 Resp: 1399610

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

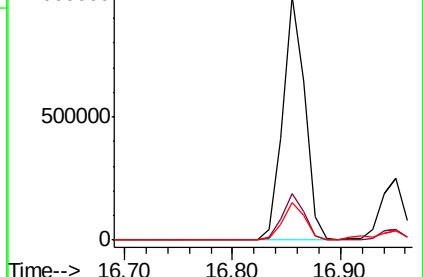
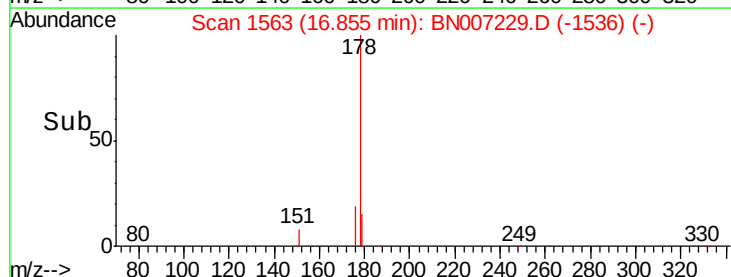
179 15.5 12.3 18.5

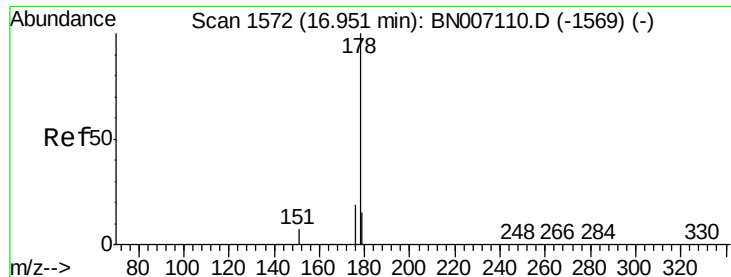


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 3.485 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS

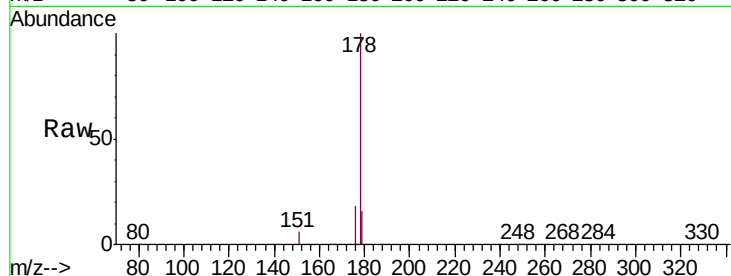
Tgt Ion:178 Resp: 361779

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

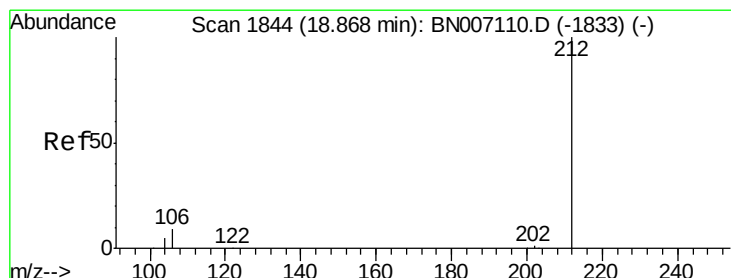
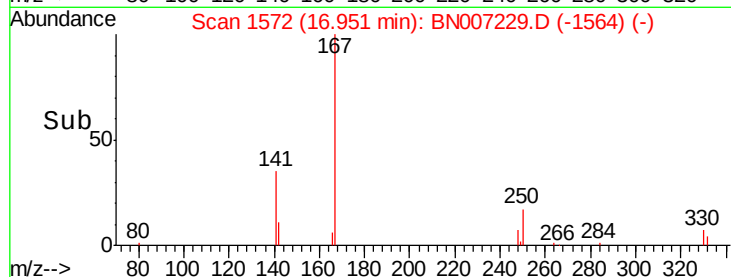
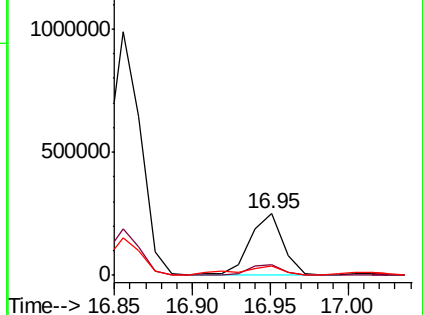
179 20.6 12.5 18.7#



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: 0.274 ng

RT: 18.86 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

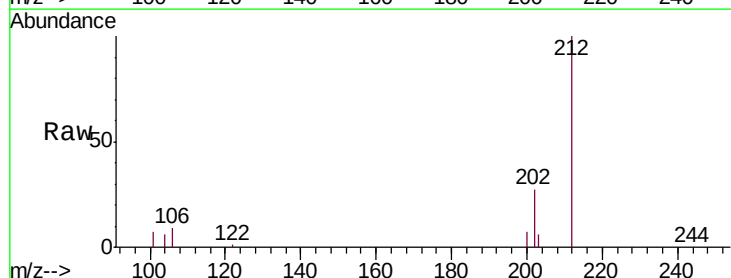
Tgt Ion:212 Resp: 36827

Ion Ratio Lower Upper

212 100

106 10.1 8.2 12.2

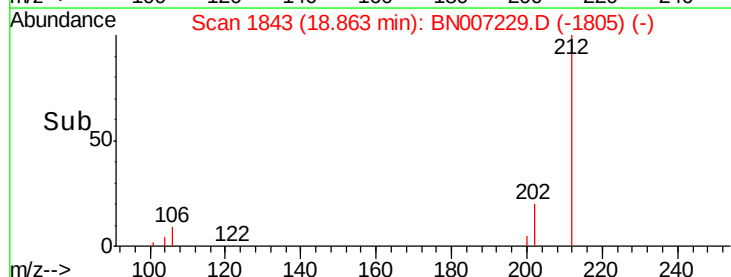
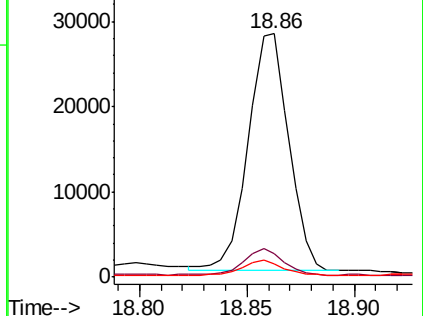
104 6.4 4.5 6.7

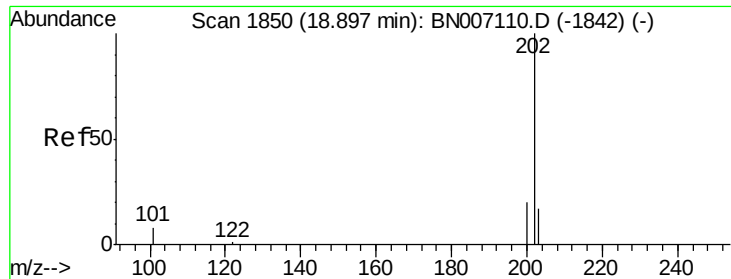


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 9.682 ng

RT: 18.89 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS

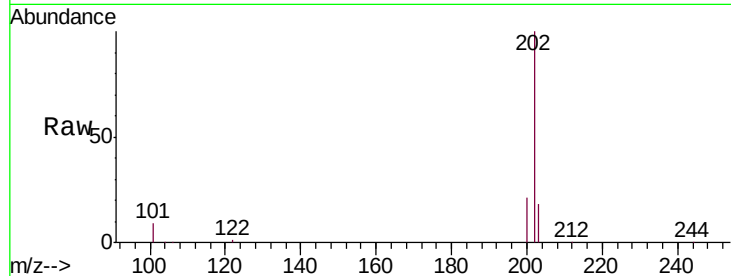
Tgt Ion:202 Resp: 1407083

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

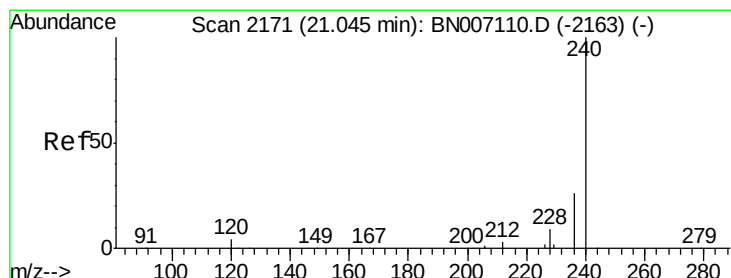
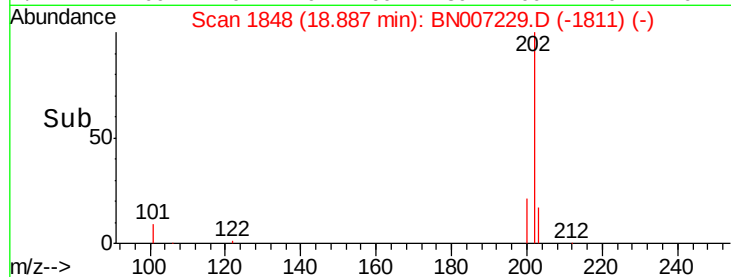
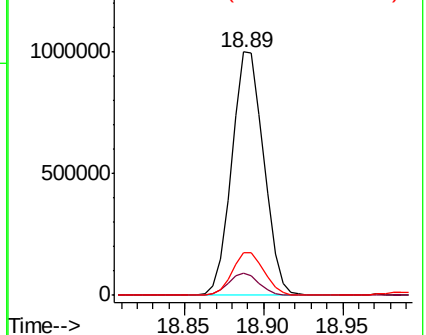
203 17.6 13.8 20.8



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: BN007229.D

Acq: 16 Aug 2019 18:48

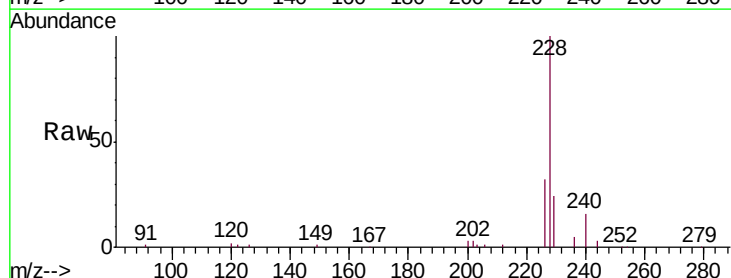
Tgt Ion:240 Resp: 36862

Ion Ratio Lower Upper

240 100

120 11.5 4.0 6.0#

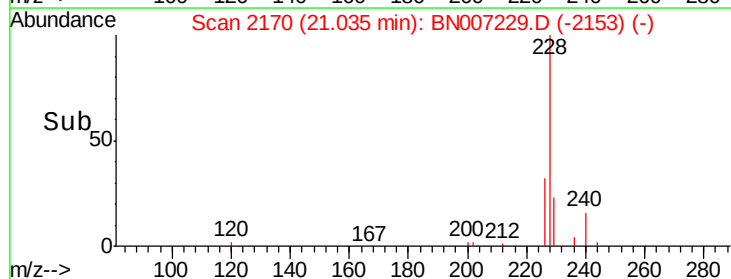
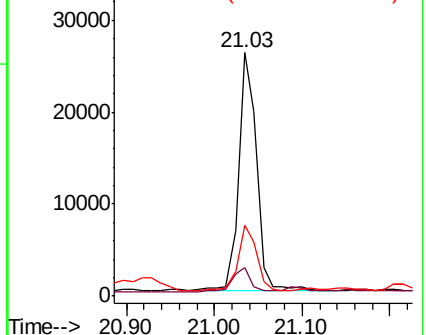
236 29.3 21.3 31.9

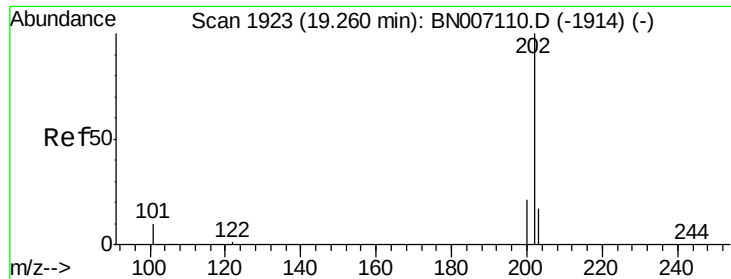


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

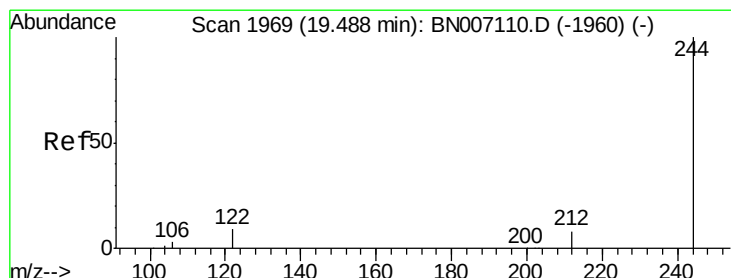
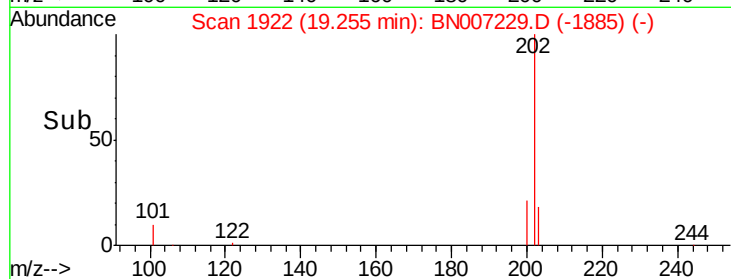
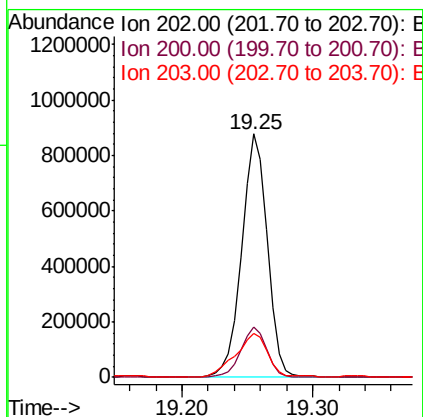
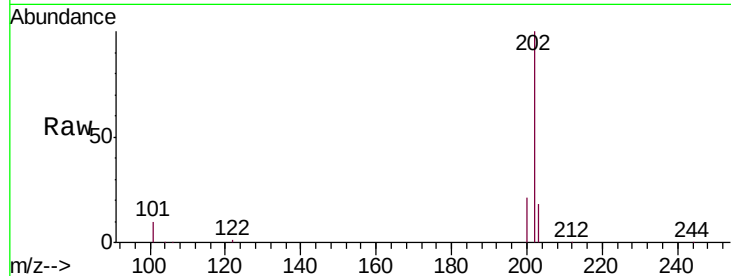




#27
 Pyrene
 Concen: 9.320 ng
 RT: 19.25 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BN007229.D
 Acq: 16 Aug 2019 18:48

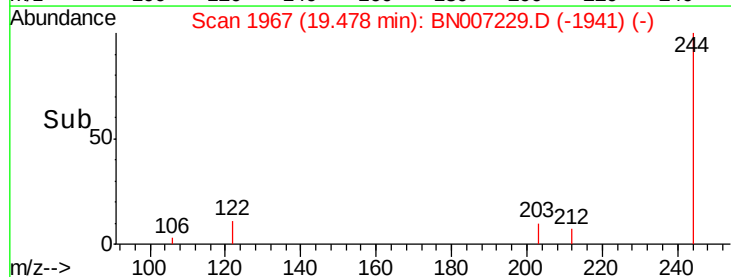
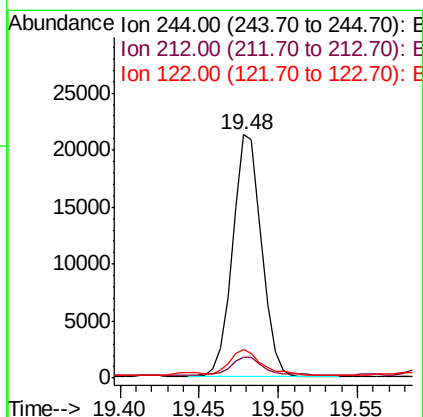
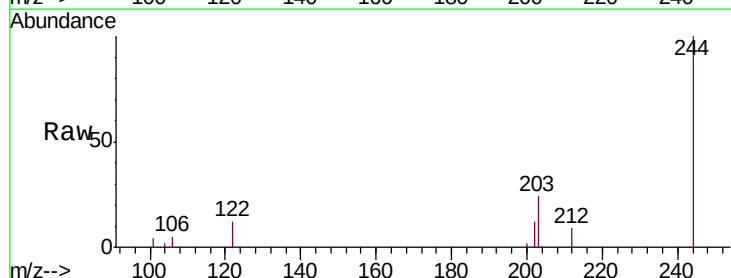
Instrument :
 BNA_N
 ClientSampleId :
 PST-010-B225-080819MS

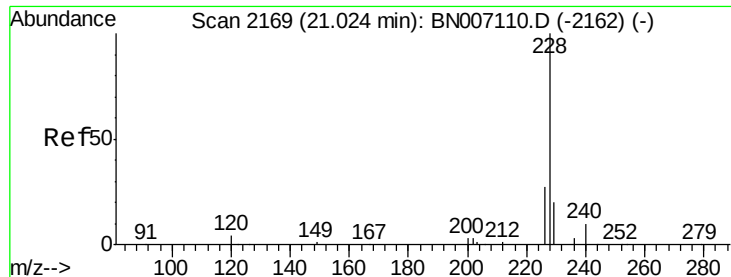
Tgt Ion:202 Resp: 1204764
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 24.8
 203 22.9 14.0 21.0#



#28
 Terphenyl-d14
 Concen: 0.267 ng
 RT: 19.48 min Scan# 1967
 Delta R.T. -0.02 min
 Lab File: BN007229.D
 Acq: 16 Aug 2019 18:48

Tgt Ion:244 Resp: 26842
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.2 9.2
 122 11.8 7.4 11.2#





#29

Benzo(a)anthracene

Concen: 5.247 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS

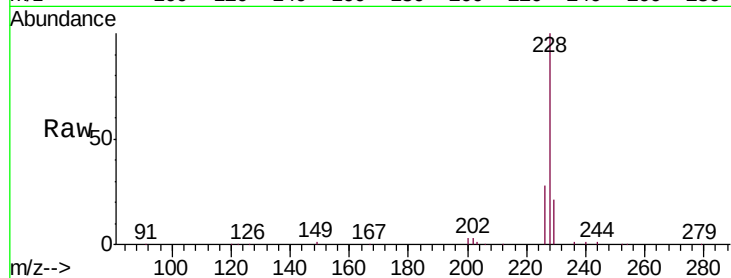
Tgt Ion:228 Resp: 707278

Ion Ratio Lower Upper

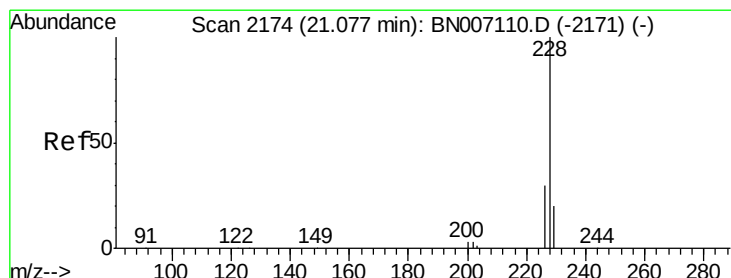
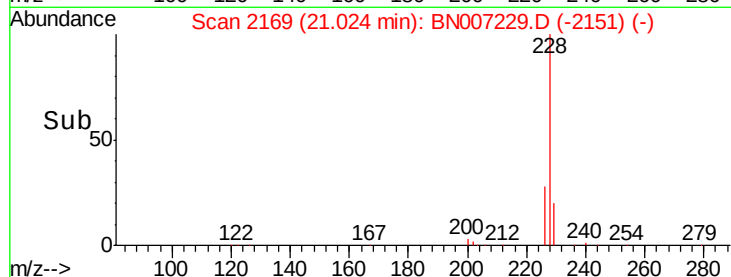
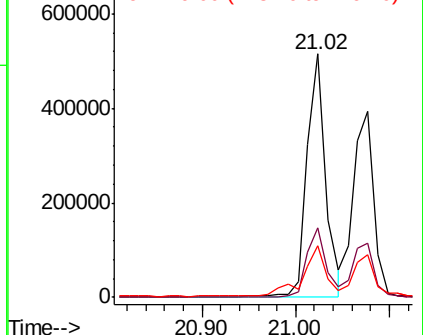
228 100

226 28.4 21.8 32.6

229 21.1 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: 4.520 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

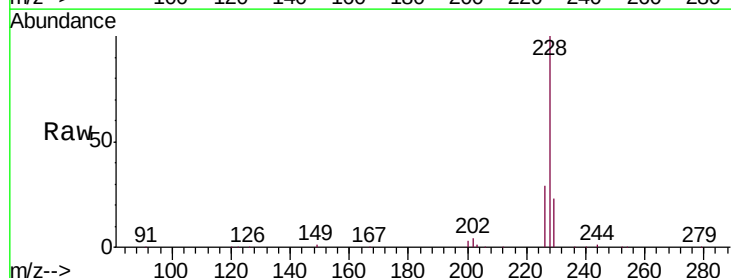
Tgt Ion:228 Resp: 592044

Ion Ratio Lower Upper

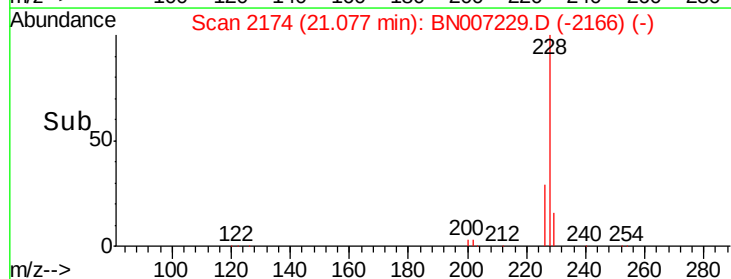
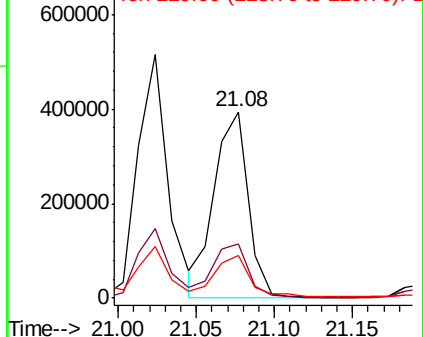
228 100

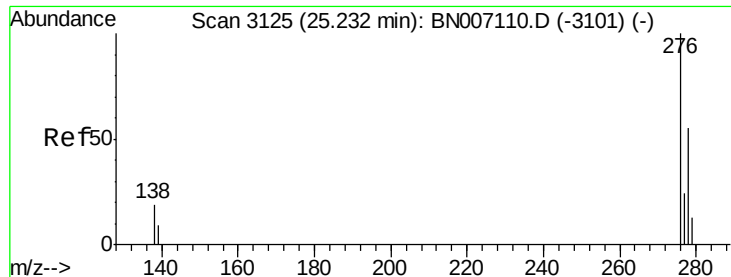
226 28.9 23.8 35.6

229 22.6 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: 1.944 ng

RT: 25.22 min Scan# 3123

Delta R.T. -0.03 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS

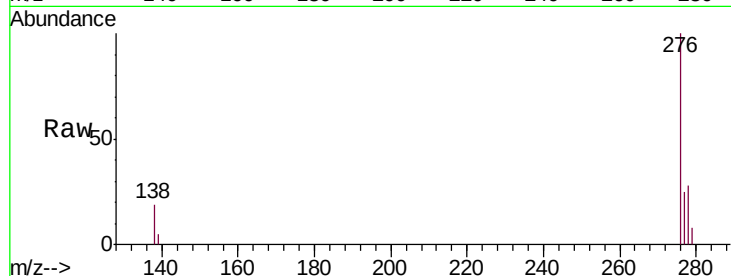
Tgt Ion: 276 Resp: 280655

Ion Ratio Lower Upper

276 100

138 18.8 16.0 24.0

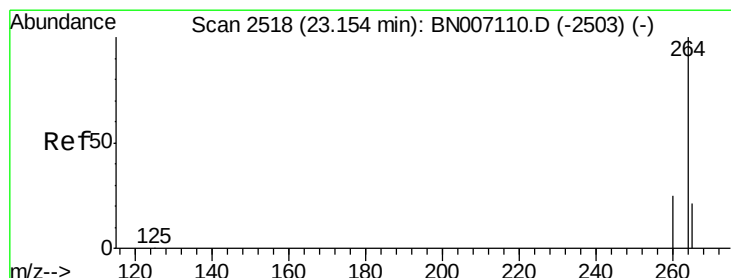
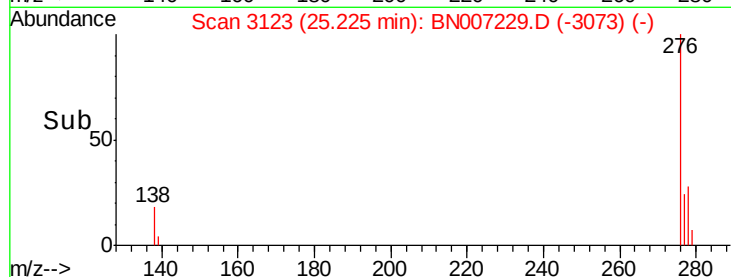
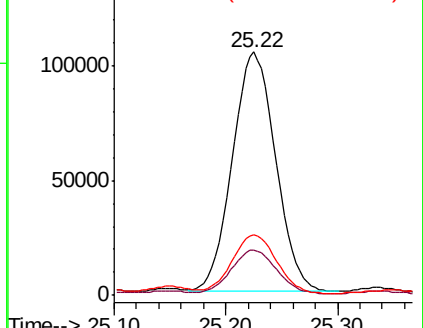
277 25.0 19.9 29.9



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: BN007229.D

Acq: 16 Aug 2019 18:48

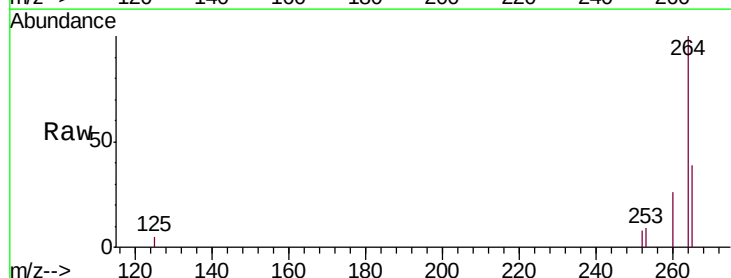
Tgt Ion: 264 Resp: 40329

Ion Ratio Lower Upper

264 100

260 26.3 19.8 29.8

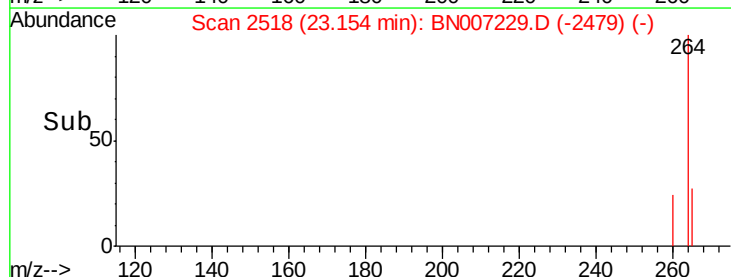
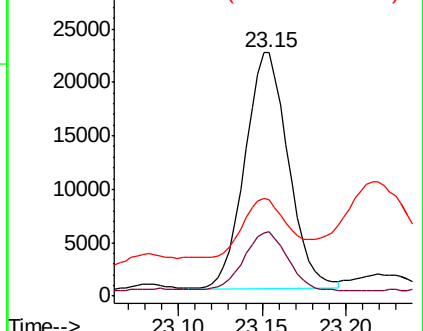
265 39.4 26.2 39.4#

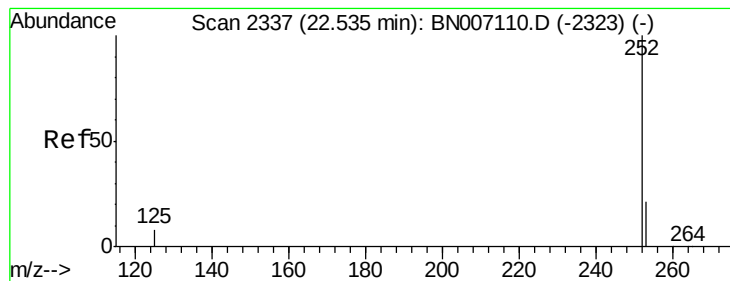


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 4.378 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS

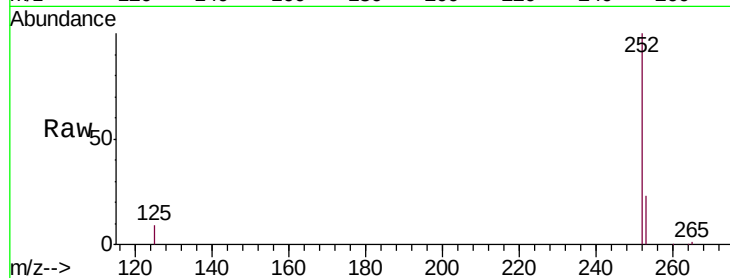
Tgt Ion:252 Resp: 605374

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

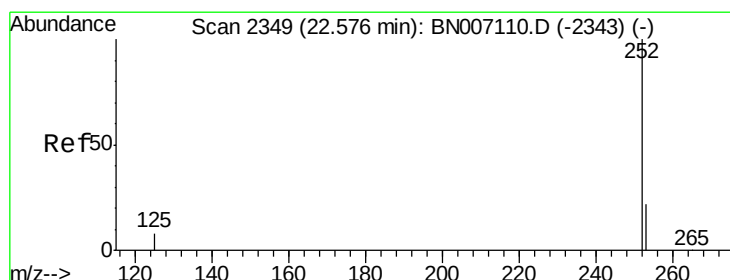
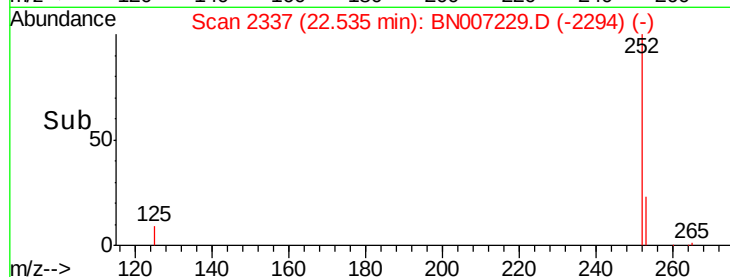
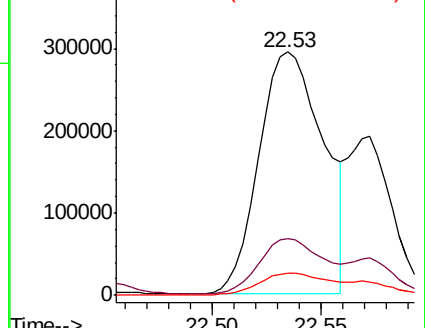
125 8.9 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 4.432 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.06 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

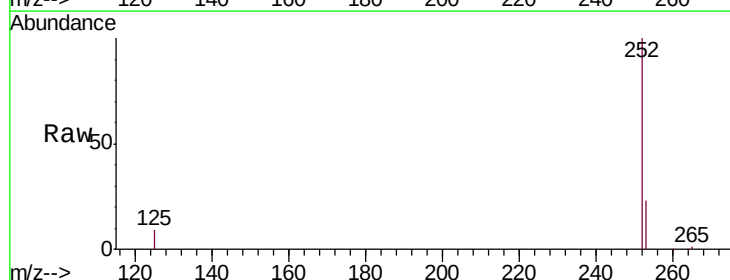
Tgt Ion:252 Resp: 605374

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

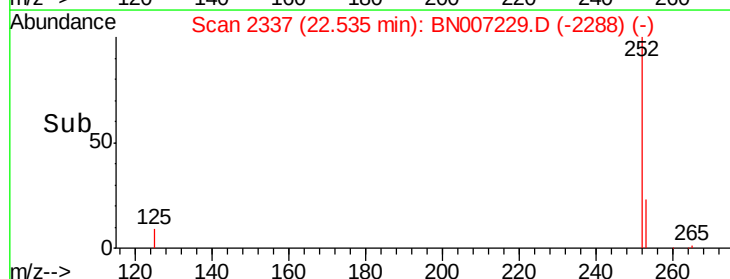
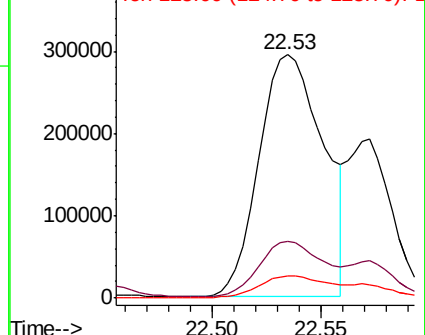
125 8.9 7.4 11.0

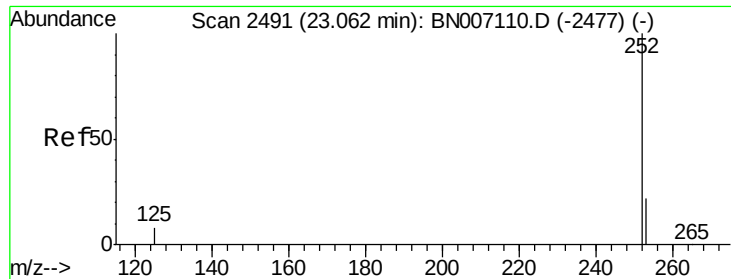


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 3.809 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS

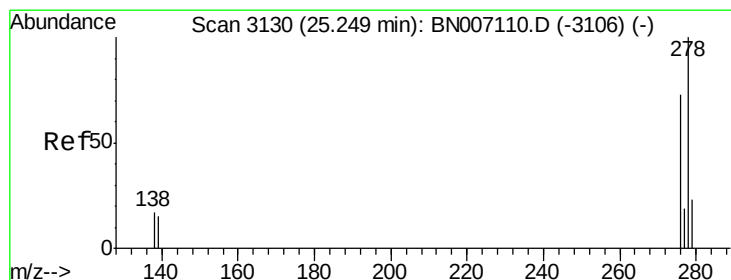
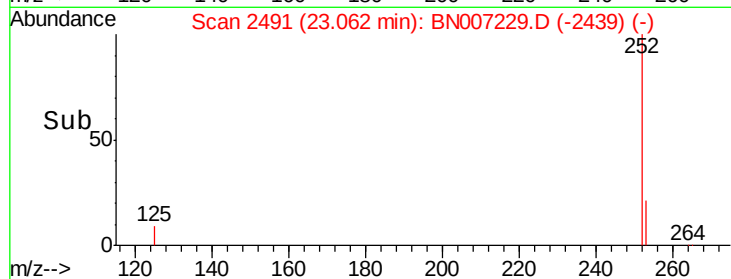
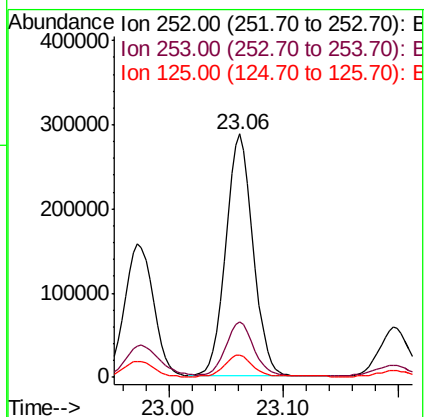
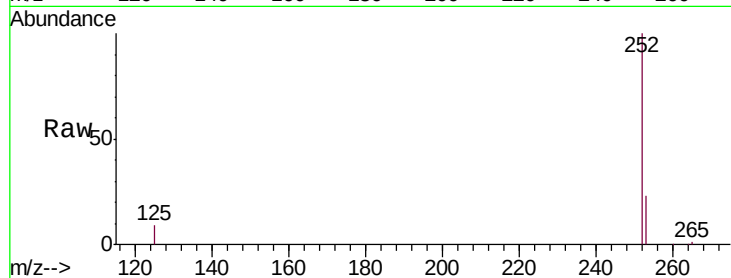
Tgt Ion:252 Resp: 477523

Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

125 9.1 8.2 12.4



#36

Dibenzo(a,h)anthracene

Concen: 0.865 ng

RT: 25.24 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BN007229.D

Acq: 16 Aug 2019 18:48

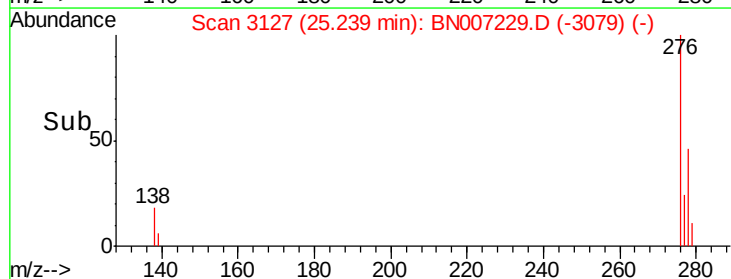
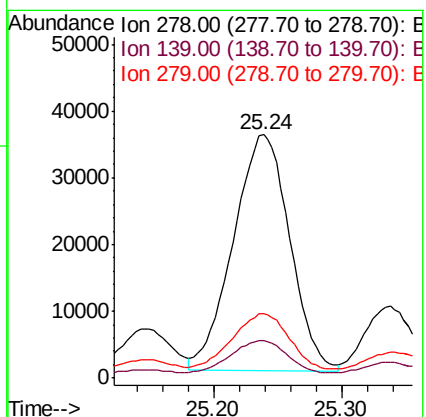
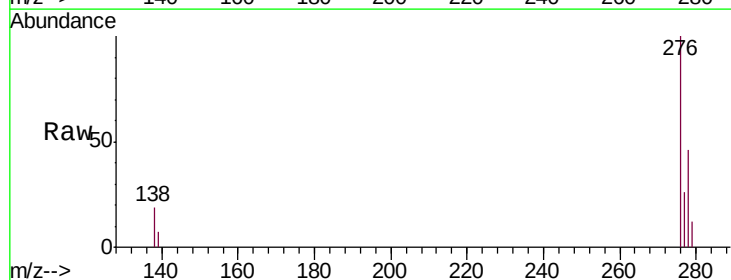
Tgt Ion:278 Resp: 108216

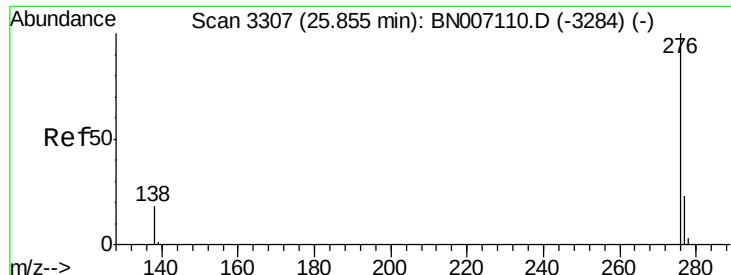
Ion Ratio Lower Upper

278 100

139 15.3 11.3 16.9

279 26.6 19.3 28.9





#37

Benzo(g,h,i)perylene

Concen: 1.910 ng

RT: 25.85 min Scan# 3307

Delta R.T. -0.02 min

Lab File: BN007229.D

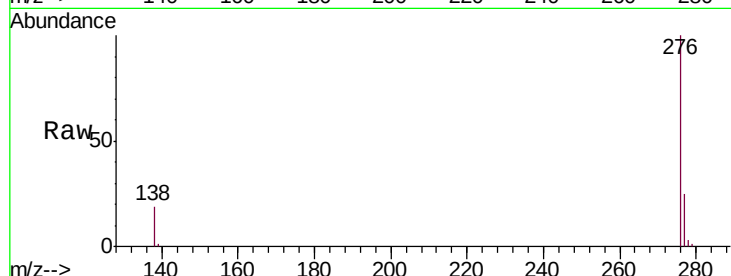
Acq: 16 Aug 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MS



Tgt Ion: 276 Resp: 245707

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 18.5 14.6 22.0

