

Data File : BN007230.D
Acq On : 16 Aug 2019 19:25
Operator : HP/JU
Sample : K4282-16MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 17 00:59:57 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	7110	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	27388	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	15639	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	35117	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	34400	0.40	ng	-0.02
32) Perylene-d12	23.15	264	37106	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.05	112	7075	0.41	ng	0.00
4) Phenol-d6	6.61	99	9451	0.45	ng	0.00
7) Nitrobenzene-d5	8.55	82	7268	0.33	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	17011	0.33	ng	-0.02
13) 2,4,6-Tribromophenol	15.57	330	2413	0.29	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	623	0.03	ng	0.00
24) Fluoranthene-d10	18.86	212	29721	0.24	ng	-0.01
28) Terphenyl-d14	19.48	244	21104	0.23	ng	-0.02

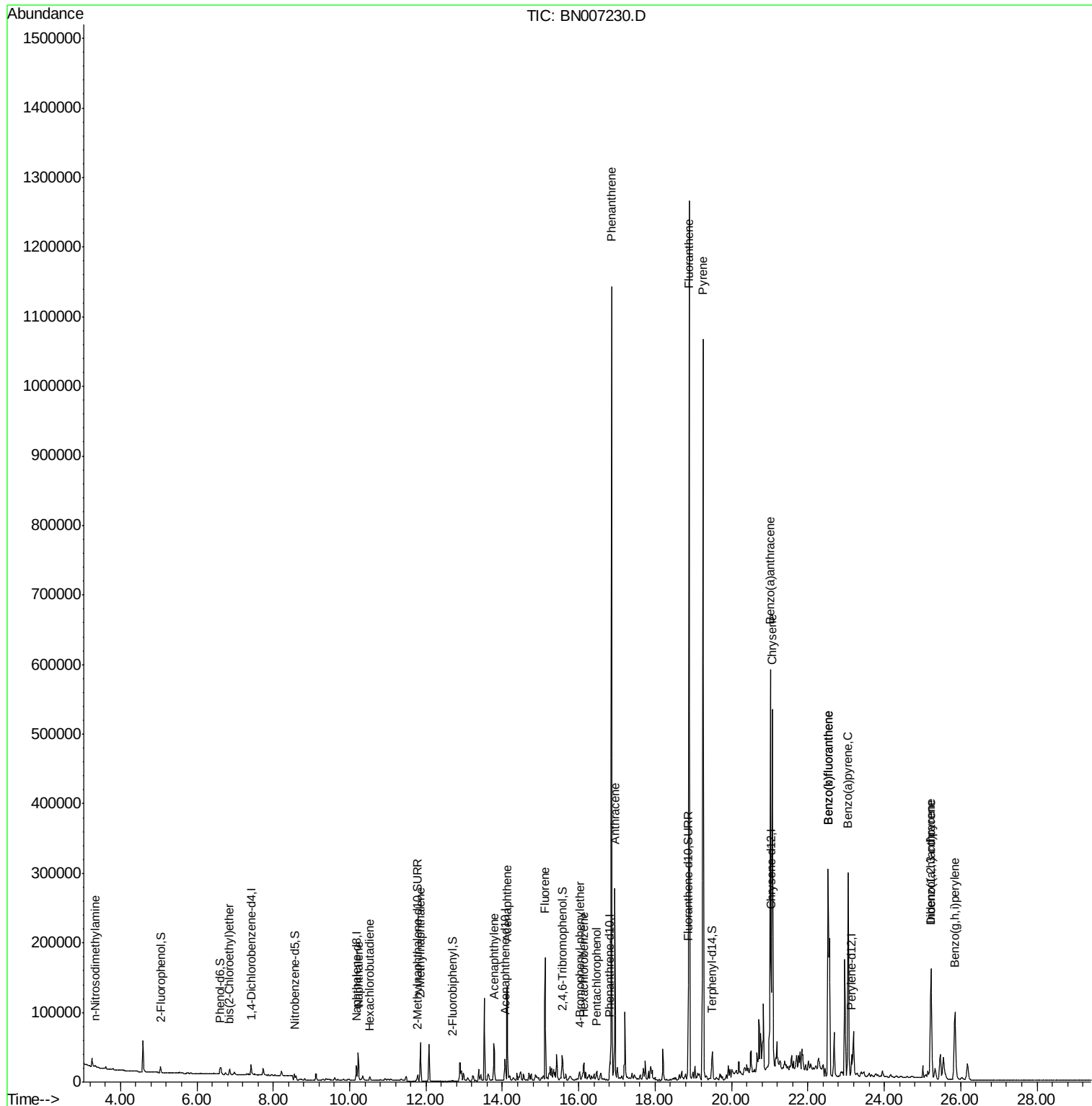
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.34	42	1670	0.357	ng	# 95
5) bis(2-Chloroethyl)ether	6.85	93	6479	0.346	ng	97
8) Naphthalene	10.22	128	48583	0.633	ng	99
9) Hexachlorobutadiene	10.53	225	4366	0.267	ng	# 99
11) 2-Methylnaphthalene	11.85	142	40475	0.744	ng	97
15) Acenaphthylene	13.78	152	61428	0.751	ng	98
16) Acenaphthene	14.13	154	77321	1.477	ng	99
17) Fluorene	15.12	166	100794	1.287	ng	98
19) 4-Bromophenyl-phenylether	16.03	248	6411	0.295	ng	95
20) Hexachlorobenzene	16.13	284	5936	0.284	ng	98
21) Pentachlorophenol	16.47	266	2044	0.263	ng	99
22) Phenanthrene	16.86	178	1126988	10.708	ng	100
23) Anthracene	16.95	178	288334	2.999	ng	# 94
25) Fluoranthene	18.89	202	1122222	8.336	ng	99
27) Pyrene	19.25	202	960940	7.966	ng	# 94
29) Benzo(a)anthracene	21.02	228	571116	4.540	ng	97
30) Chrysene	21.07	228	454281	3.717	ng	97
31) Indeno(1,2,3-cd)pyrene	25.22	276	221067	1.641	ng	99
33) Benzo(b)fluoranthene	22.53	252	487499	3.831	ng	99
34) Benzo(k)fluoranthene	22.53	252	487499	3.879	ng	99
35) Benzo(a)pyrene	23.05	252	376211	3.261	ng	99
36) Dibenzo(a,h)anthracene	25.23	278	85354	0.742	ng	95
37) Benzo(g,h,i)perylene	25.85	276	193814	1.637	ng	99

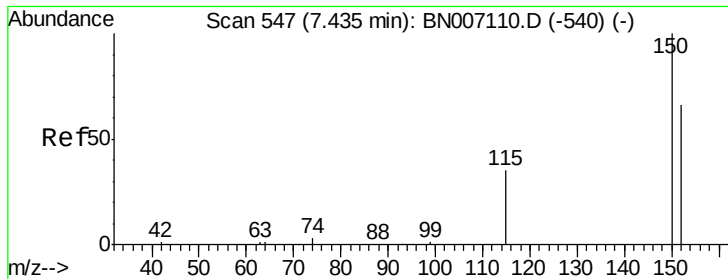
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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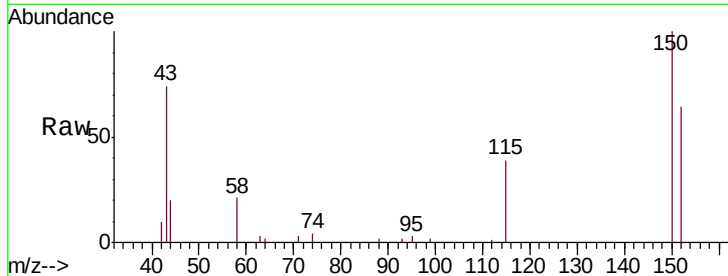


#1

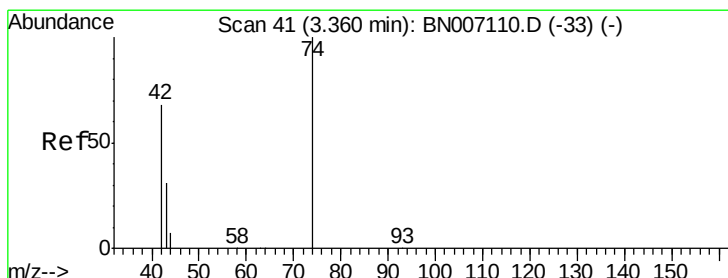
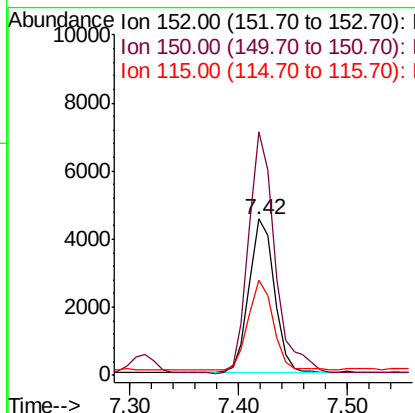
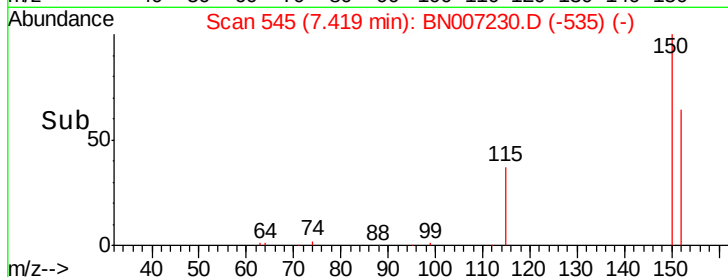
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

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

Tgt Ion: 152 Resp: 7110
Ion Ratio Lower Upper
152 100
150 155.8 121.7 182.5
115 60.9 46.2 69.4



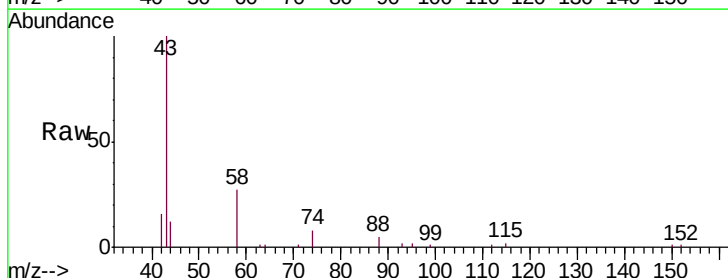
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



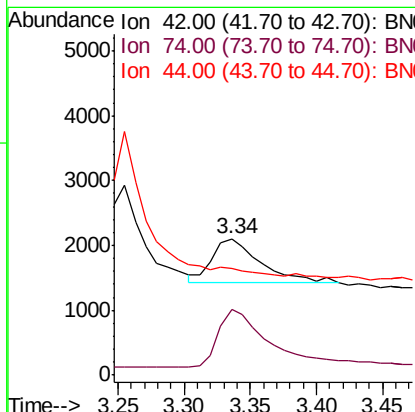
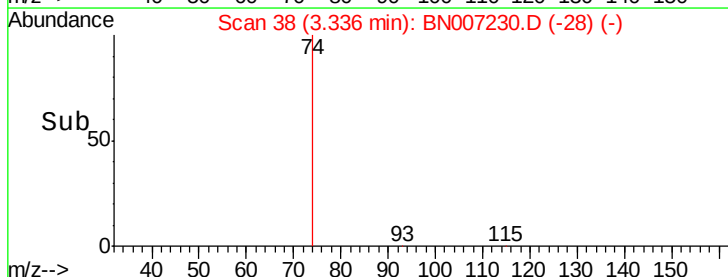
#2

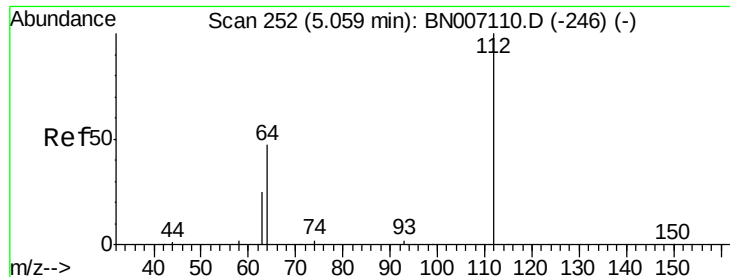
n-Nitrosodimethylamine
Concen: 0.357 ng
RT: 3.34 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion: 42 Resp: 1670
Ion Ratio Lower Upper
42 100
74 143.8 110.6 166.0
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#3

2-Fluorophenol

Concen: 0.414 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

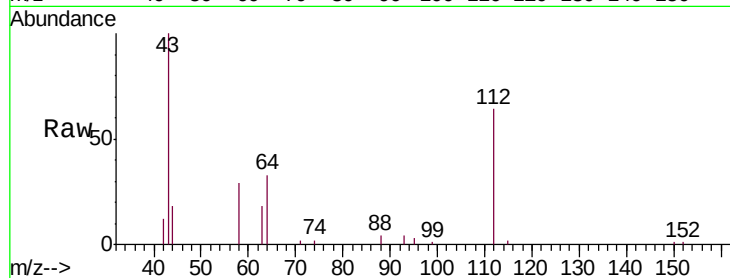
Tgt Ion: 112 Resp: 7075

Ion Ratio Lower Upper

112 100

64 52.0 42.6 63.8

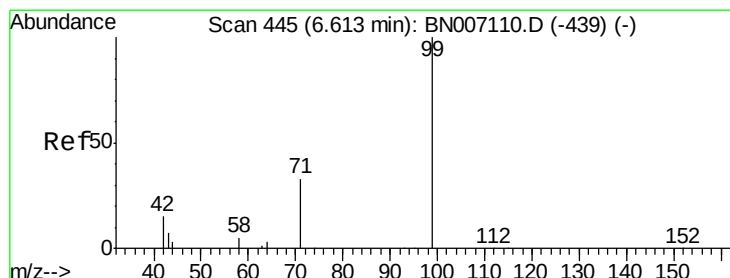
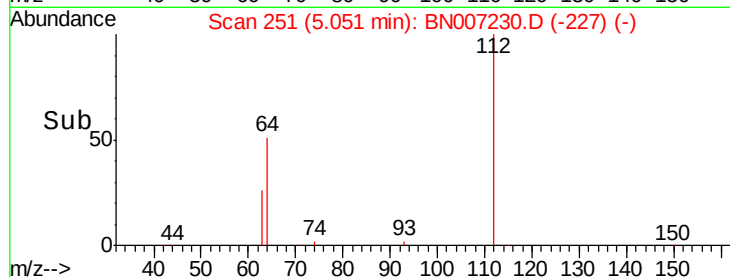
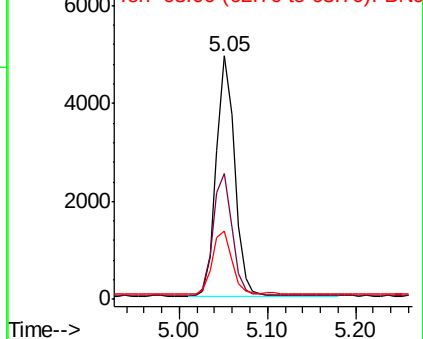
63 27.7 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#4

Phenol-d6

Concen: 0.447 ng

RT: 6.61 min Scan# 444

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

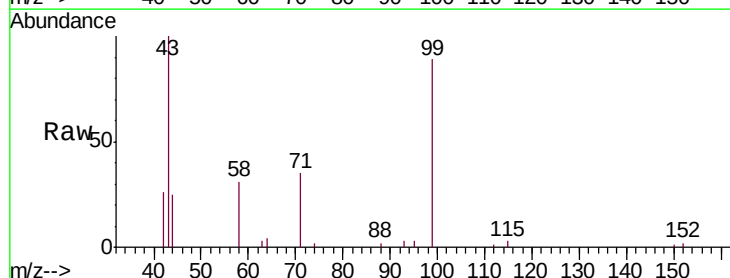
Tgt Ion: 99 Resp: 9451

Ion Ratio Lower Upper

99 100

42 22.2 15.8 23.6

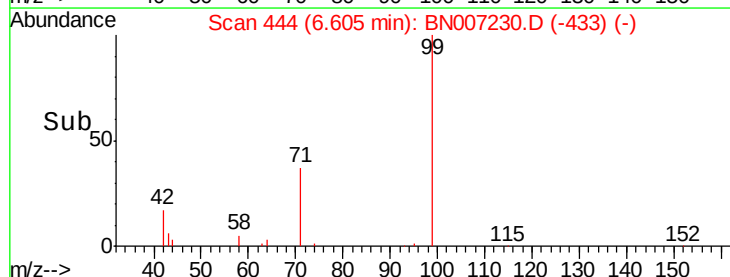
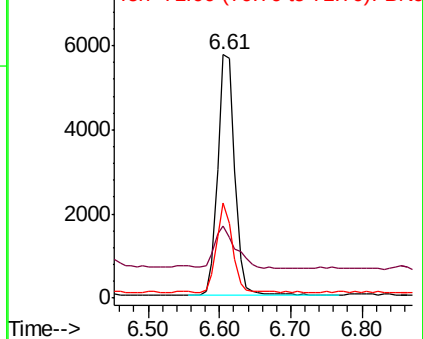
71 34.3 27.0 40.4

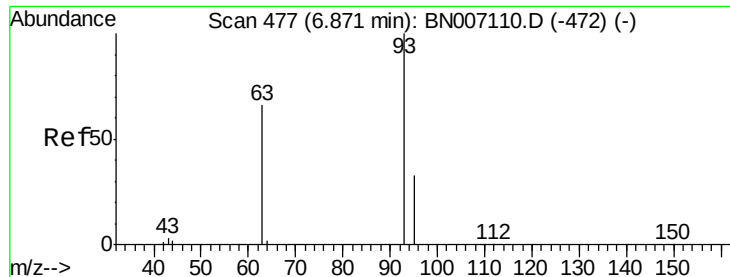


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#5

bis(2-Chloroethyl)ether

Concen: 0.346 ng

RT: 6.85 min Scan# 475

Delta R.T. -0.02 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

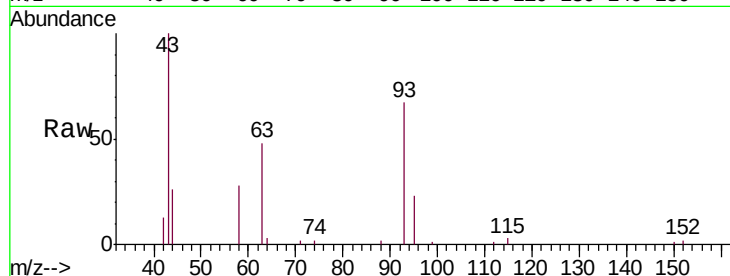
Tgt Ion: 93 Resp: 6479

Ion Ratio Lower Upper

93 100

63 65.7 55.6 83.4

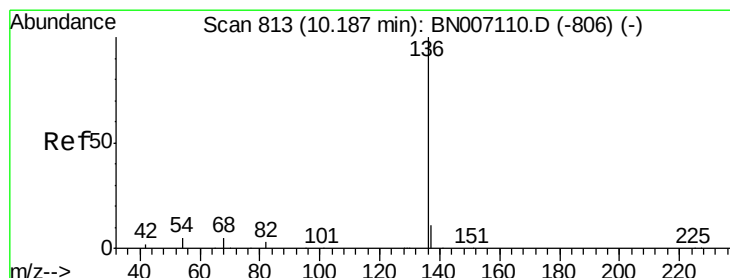
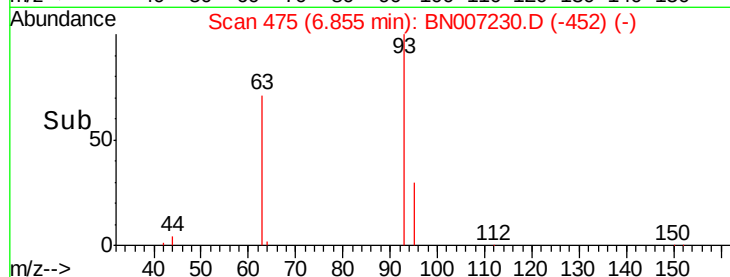
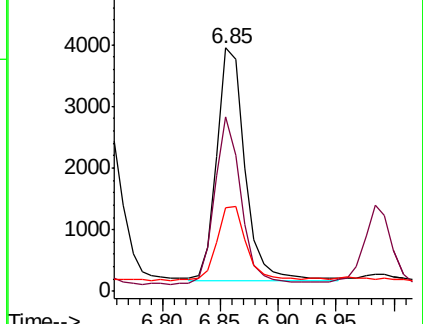
95 32.9 26.7 40.1



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: BN007230.D

Acq: 16 Aug 2019 19:25

Tgt Ion: 136 Resp: 27388

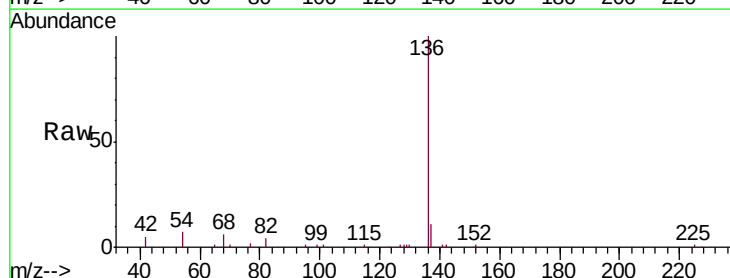
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 6.9 6.6 9.8

68 6.2 6.0 9.0

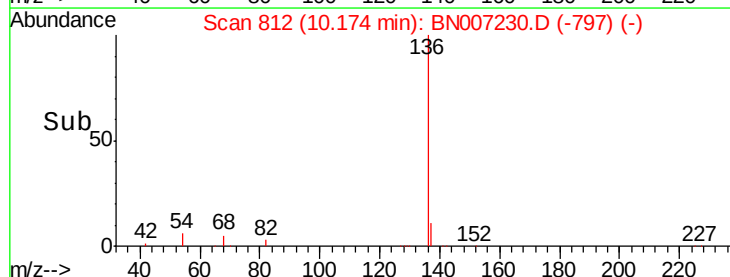
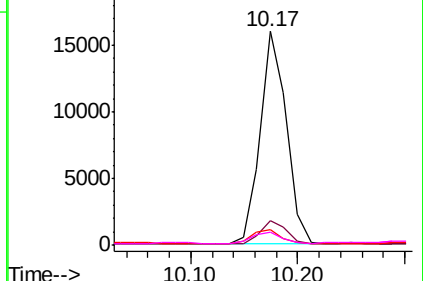


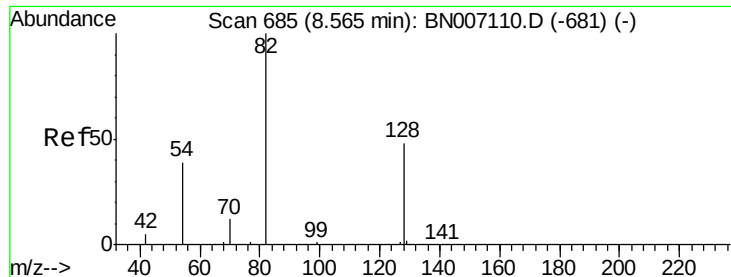
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

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: 0.329 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

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ClientSampleId :

PST-010-B225-080819MSD

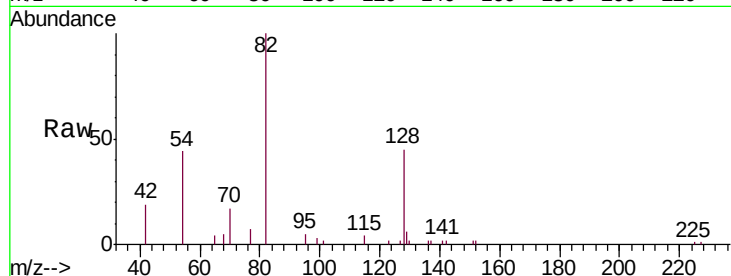
Tgt Ion: 82 Resp: 7268

Ion Ratio Lower Upper

82 100

128 45.3 34.6 51.8

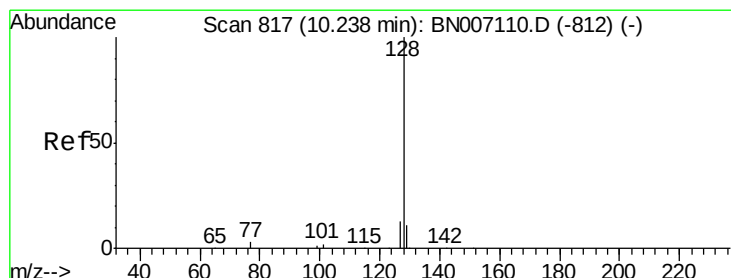
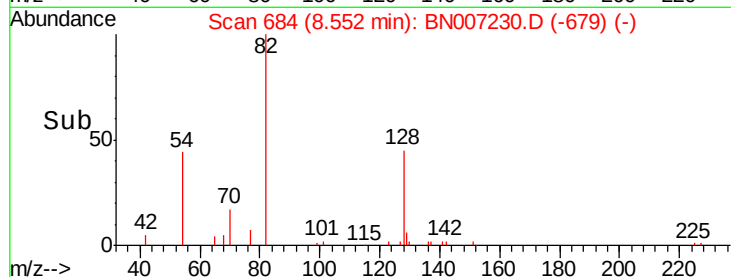
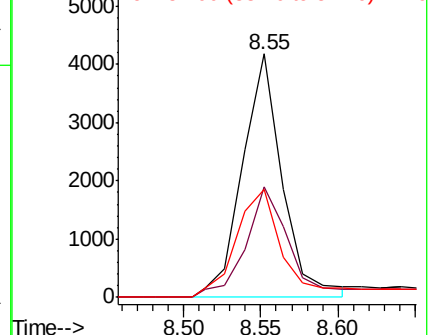
54 44.3 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#8

Naphthalene

Concen: 0.633 ng

RT: 10.22 min Scan# 816

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

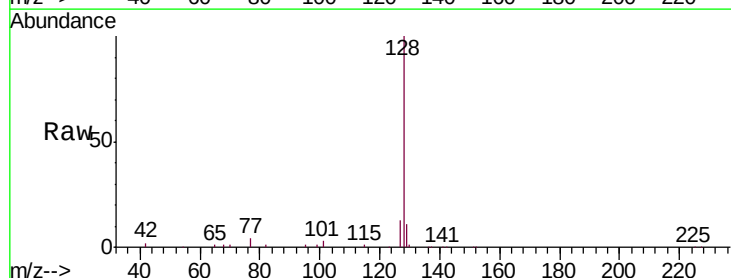
Tgt Ion: 128 Resp: 48583

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

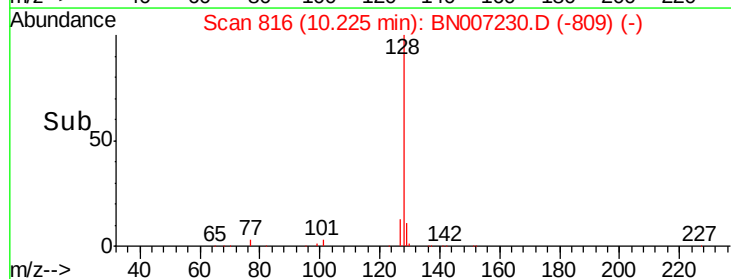
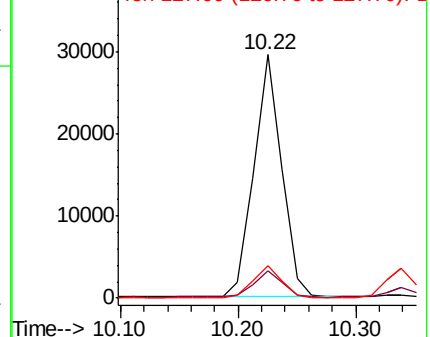
127 13.4 11.0 16.6

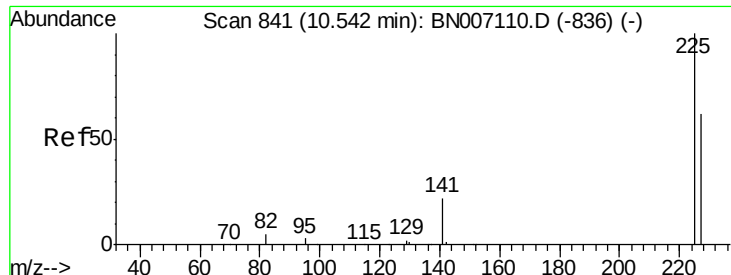


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#9

Hexachlorobutadiene

Concen: 0.267 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.03 min

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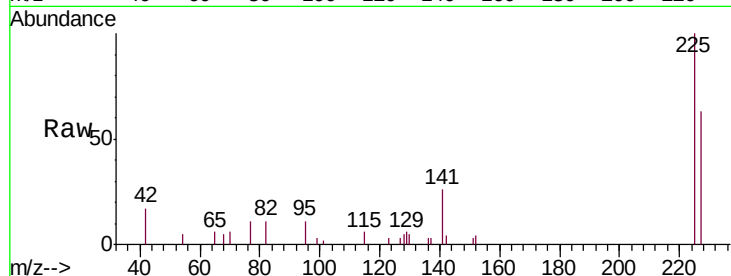
Tgt Ion: 225 Resp: 4366

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

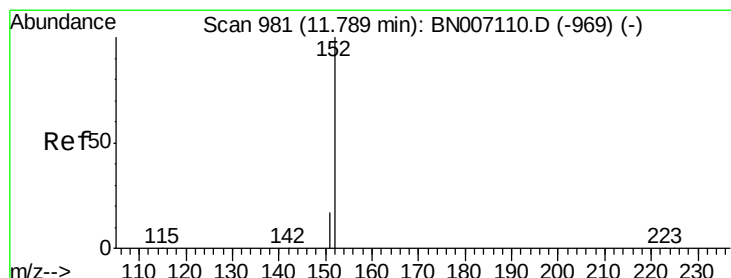
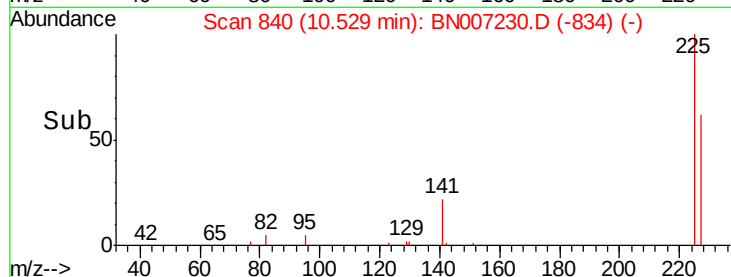
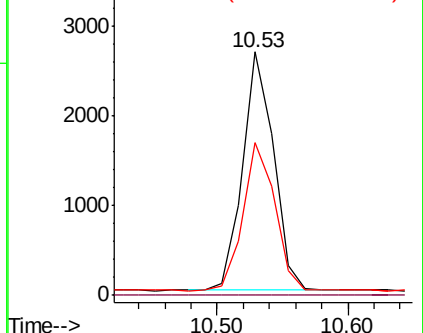
227 63.3 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#10

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 11.78 min Scan# 978

Delta R.T. -0.02 min

Lab File: BN007230.D

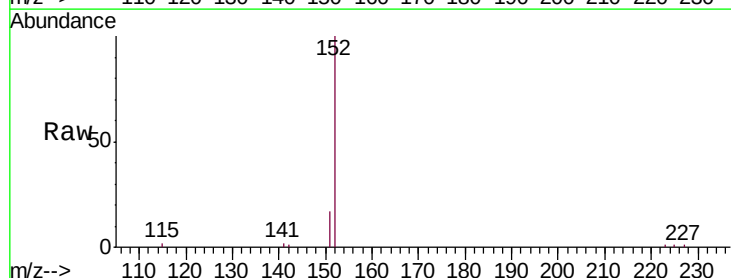
Acq: 16 Aug 2019 19:25

Tgt Ion: 152 Resp: 17011

Ion Ratio Lower Upper

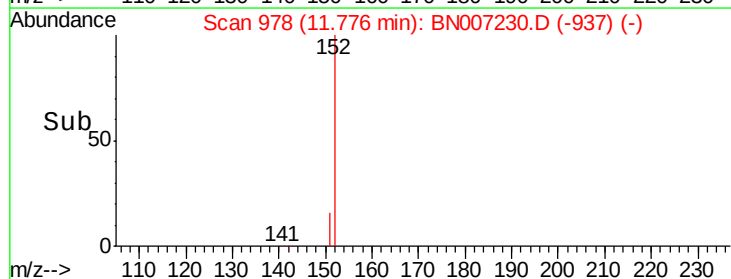
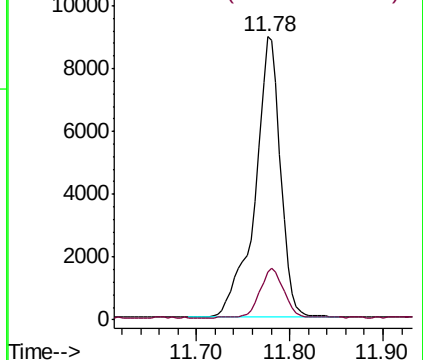
152 100

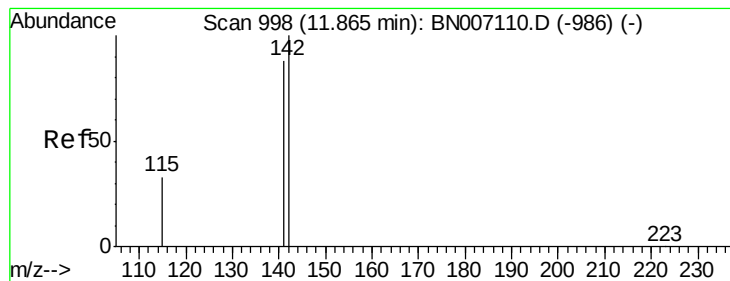
151 16.3 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.744 ng

RT: 11.85 min Scan# 995

Delta R.T. -0.02 min

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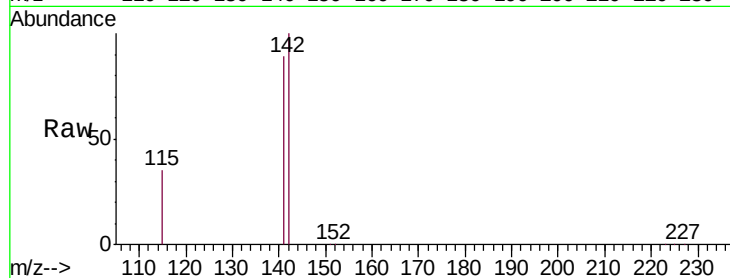
Tgt Ion:142 Resp: 40475

Ion Ratio Lower Upper

142 100

141 89.0 69.0 103.6

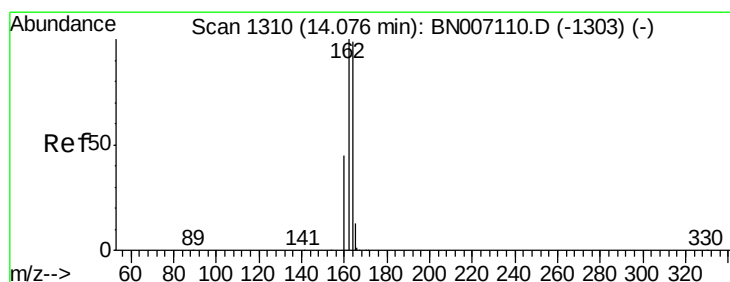
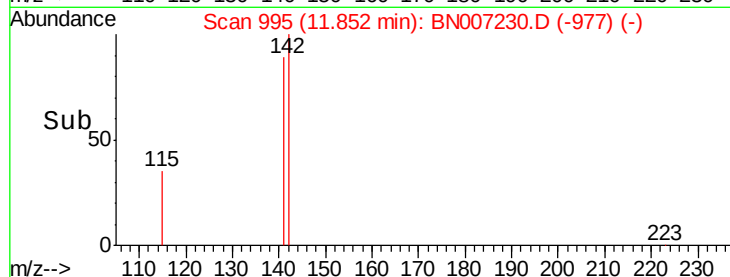
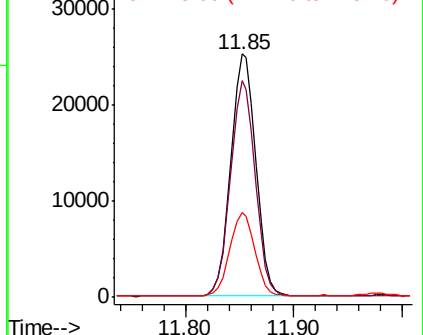
115 35.1 27.1 40.7



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: BN007230.D

Acq: 16 Aug 2019 19:25

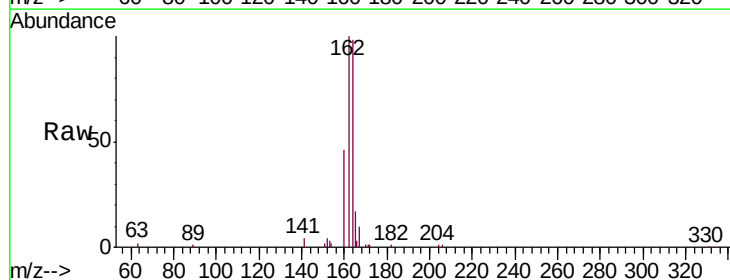
Tgt Ion:164 Resp: 15639

Ion Ratio Lower Upper

164 100

162 102.0 82.2 123.4

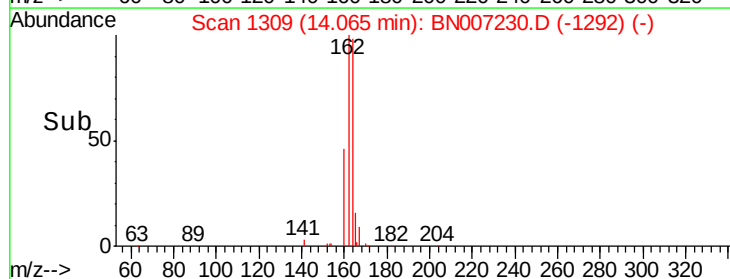
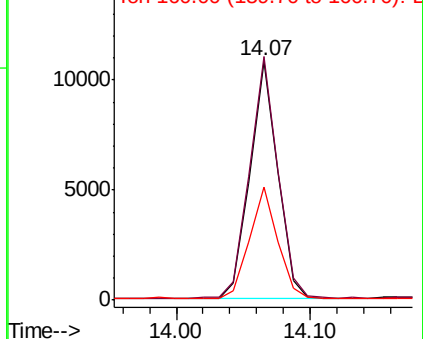
160 47.4 38.3 57.5

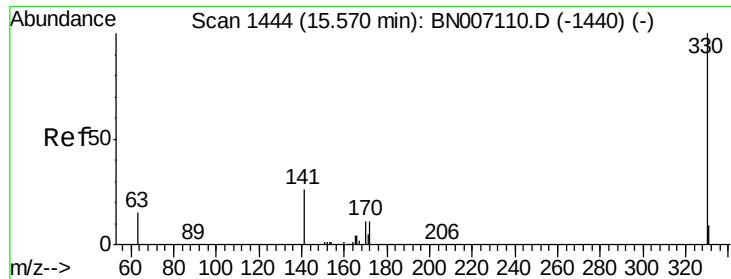


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

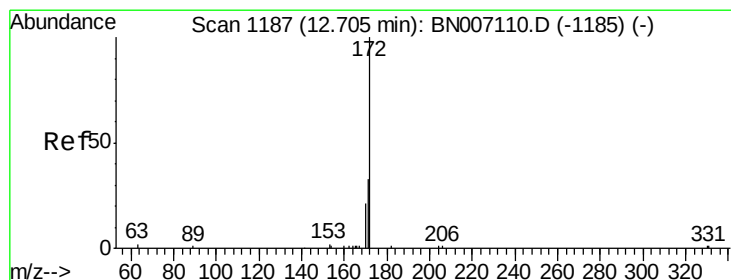
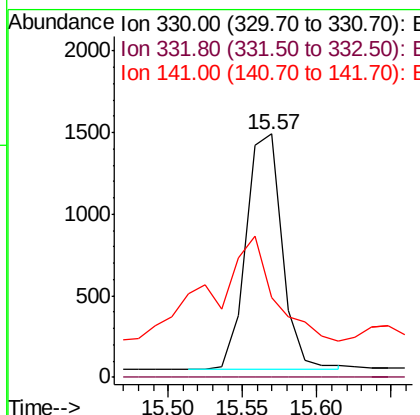
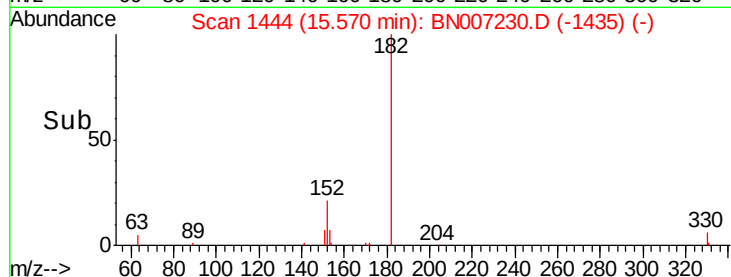
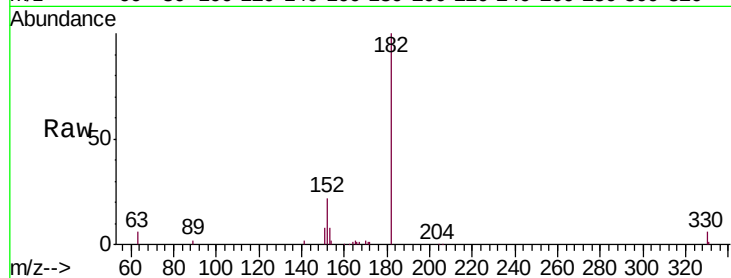




#13
 2,4,6-Tribromophenol
 Concen: 0.287 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007230.D
 Acq: 16 Aug 2019 19:25

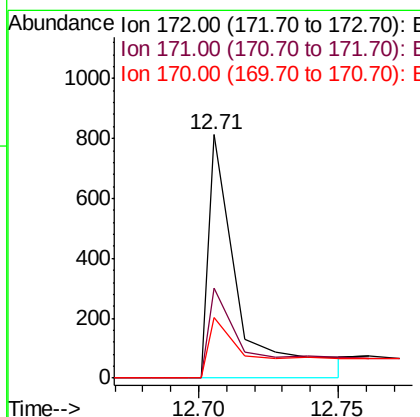
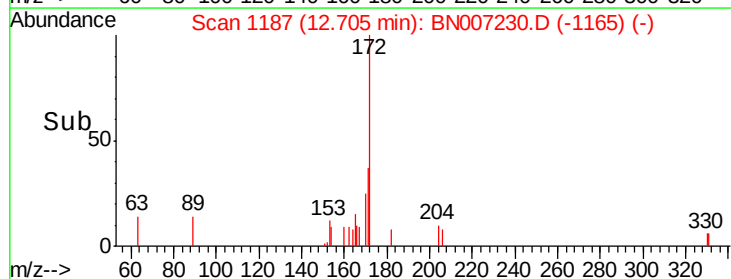
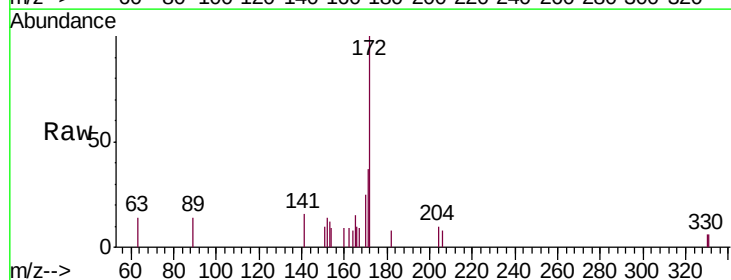
Instrument :
 BNA_N
 ClientSampleId :
 PST-010-B225-080819MSD

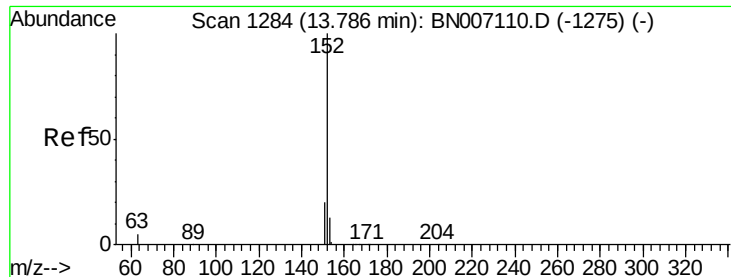
Tgt Ion: 330 Resp: 2413
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 77.9 33.6 50.4#



#14
 2-Fluorobiphenyl
 Concen: 0.027 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007230.D
 Acq: 16 Aug 2019 19:25

Tgt Ion: 172 Resp: 623
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.3 39.5
 170 25.1 17.0 25.4





#15

Acenaphthylene

Concen: 0.751 ng

RT: 13.78 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

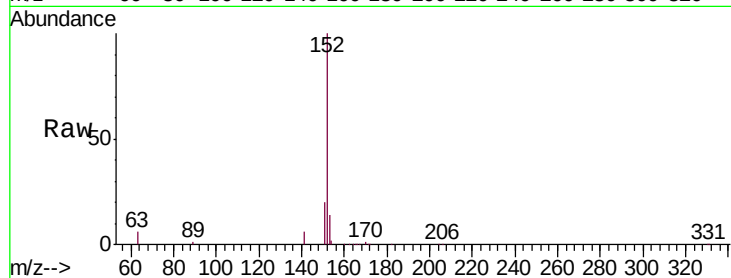
Tgt Ion:152 Resp: 61428

Ion Ratio Lower Upper

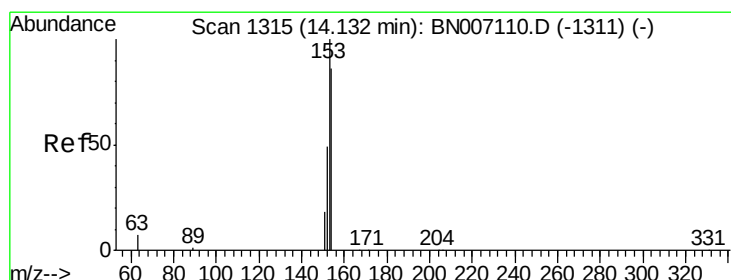
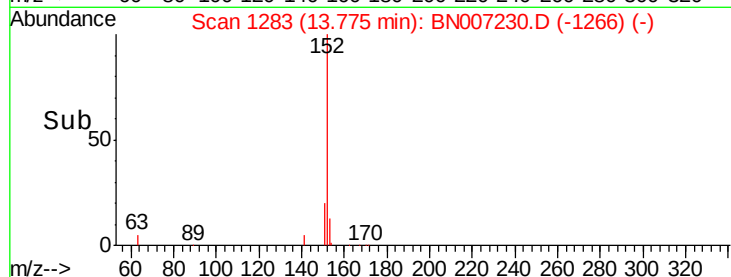
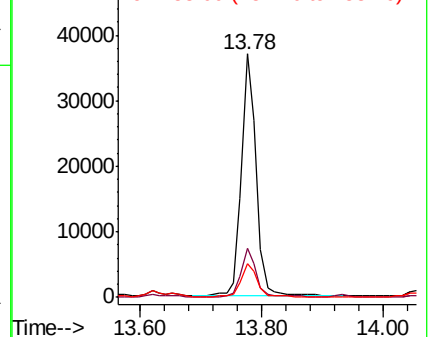
152 100

151 20.1 15.8 23.6

153 14.3 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: 1.477 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

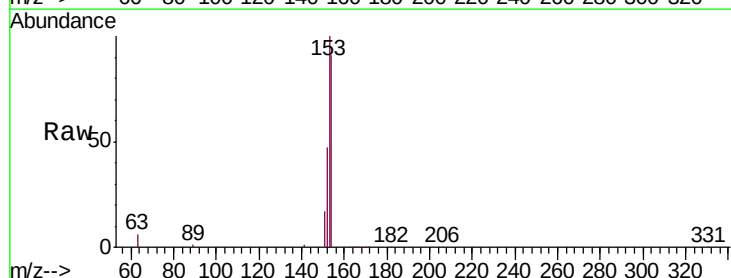
Tgt Ion:154 Resp: 77321

Ion Ratio Lower Upper

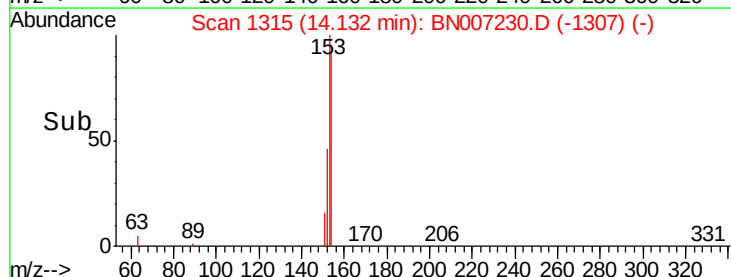
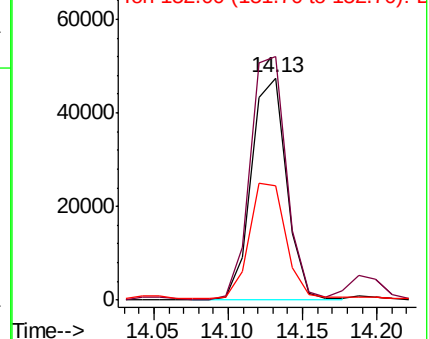
154 100

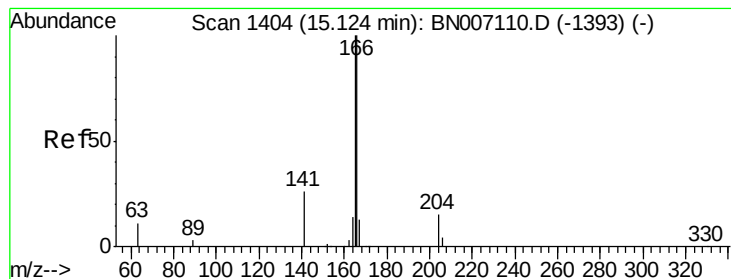
153 113.1 89.5 134.3

152 55.8 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: 1.287 ng

RT: 15.12 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

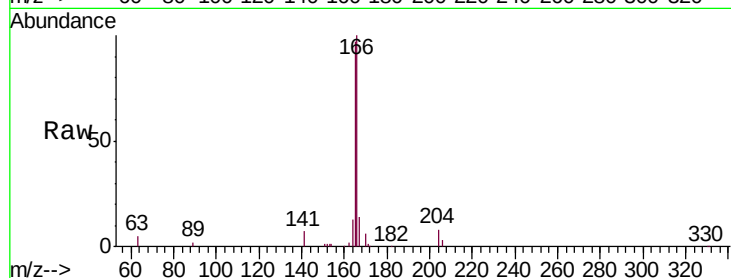
Tgt Ion:166 Resp: 100794

Ion Ratio Lower Upper

166 100

165 99.9 77.9 116.9

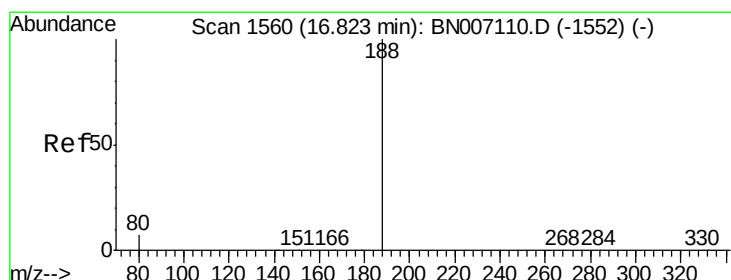
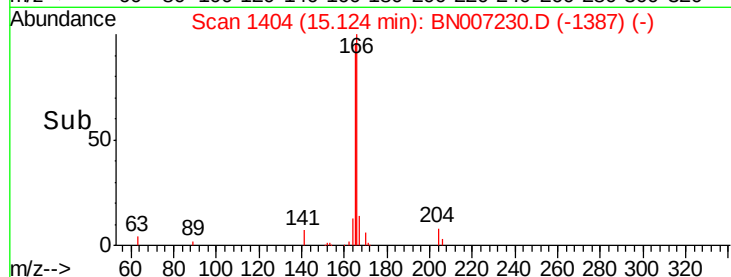
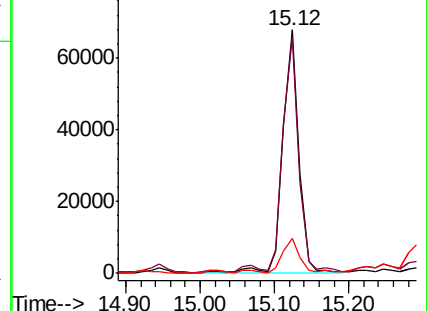
167 14.0 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.81 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

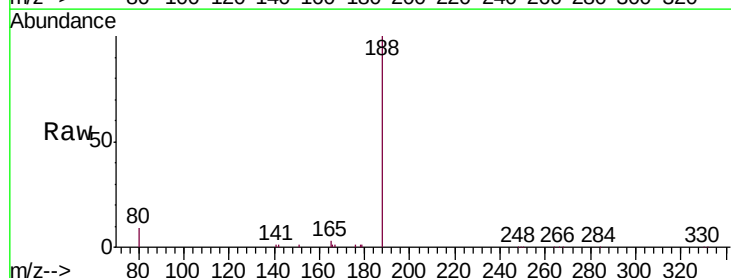
Tgt Ion:188 Resp: 35117

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

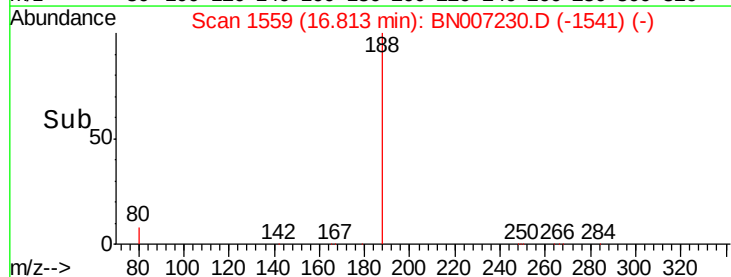
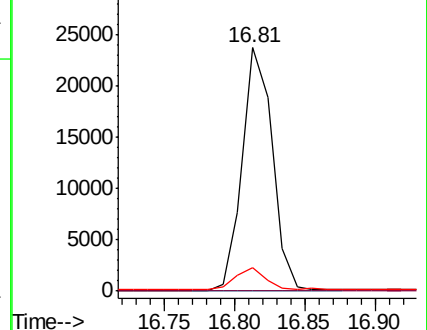
80 9.4 7.8 11.6

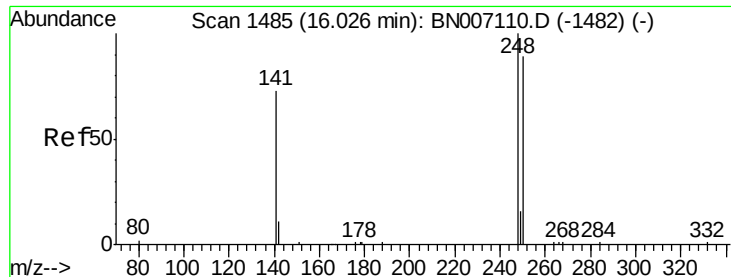


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#19

4-Bromophenyl-phenylether

Concen: 0.295 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

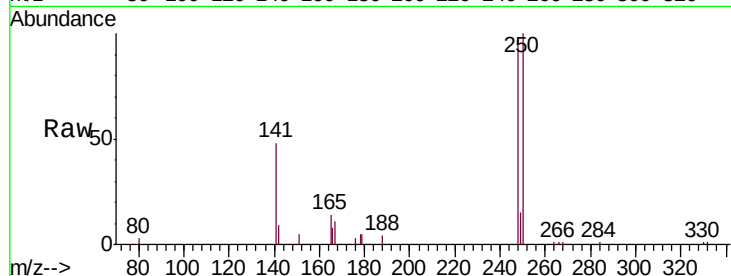
Tgt Ion:248 Resp: 6411

Ion Ratio Lower Upper

248 100

250 103.6 78.9 118.3

141 49.7 43.3 64.9

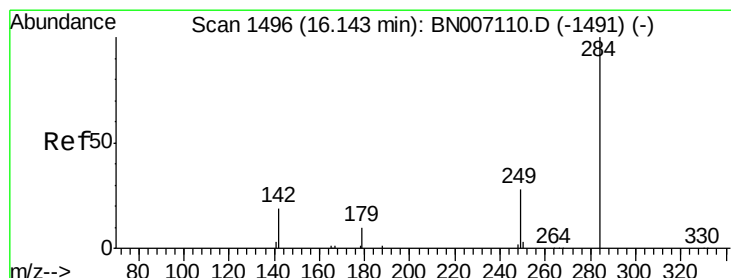
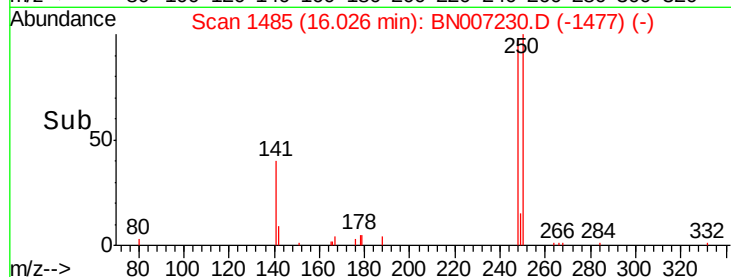
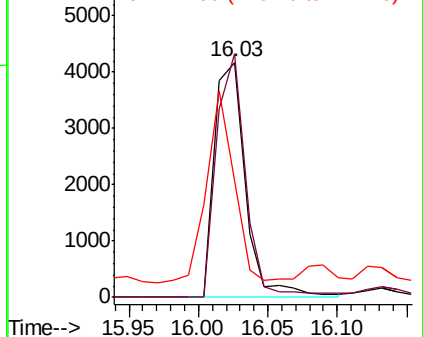


Abundance

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: 0.284 ng

RT: 16.13 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

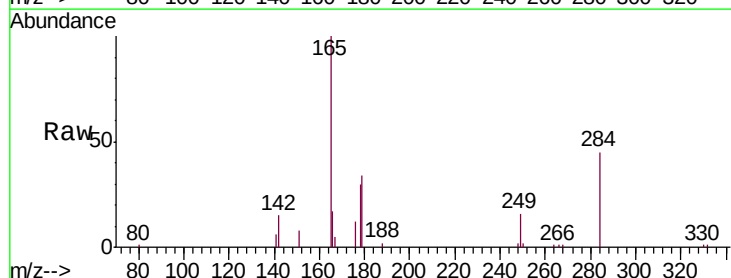
Tgt Ion:284 Resp: 5936

Ion Ratio Lower Upper

284 100

142 36.5 30.5 45.7

249 32.9 26.7 40.1

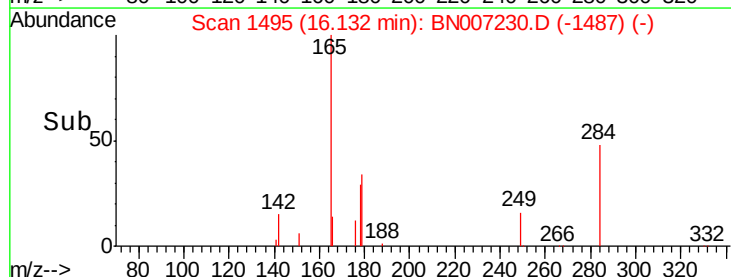
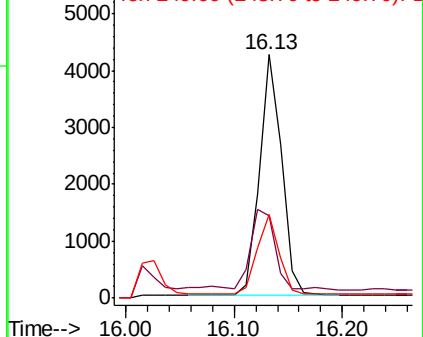


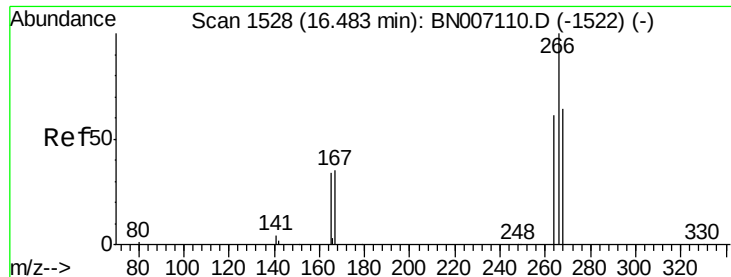
Abundance

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

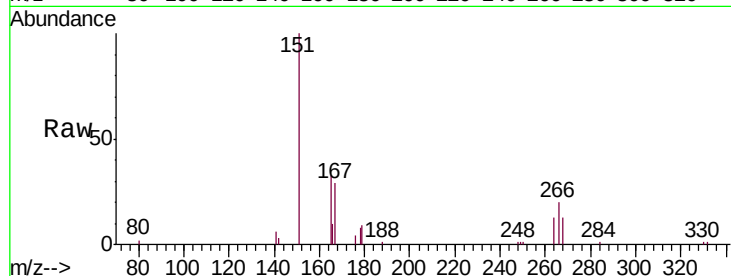




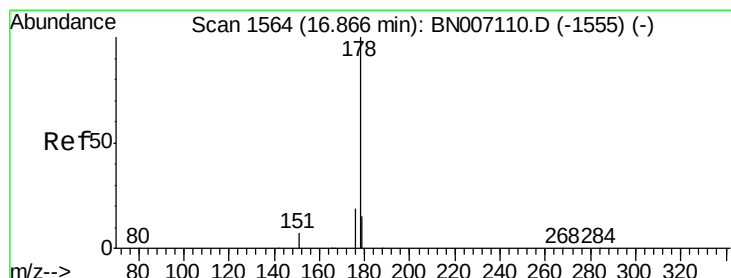
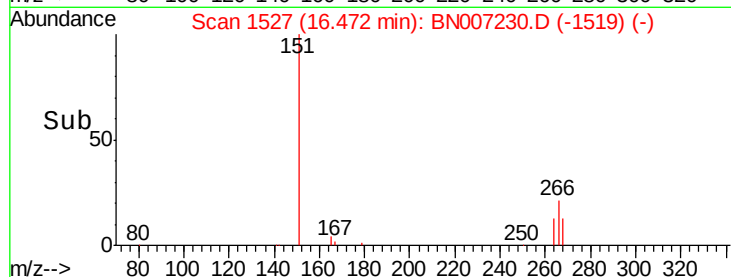
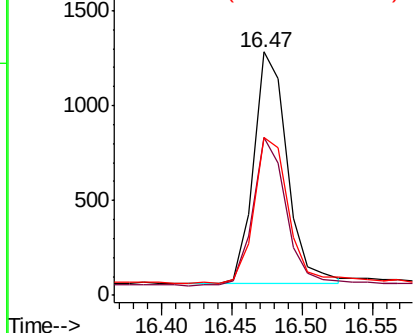
#21
 Pentachlorophenol
 Concen: 0.263 ng
 RT: 16.47 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BN007230.D
 Acq: 16 Aug 2019 19:25

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

Tgt Ion: 266 Resp: 2044
 Ion Ratio Lower Upper
 266 100
 264 64.9 52.3 78.5
 268 64.8 51.5 77.3

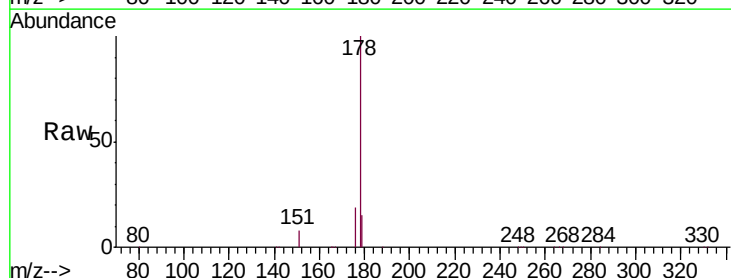


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

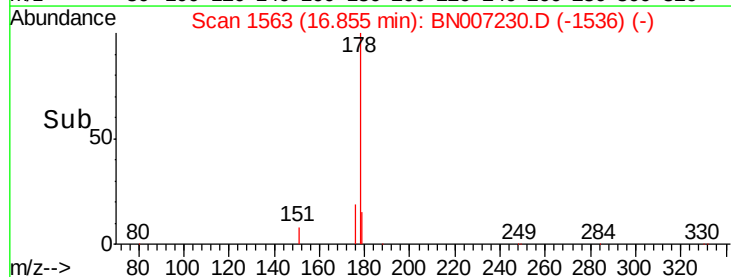
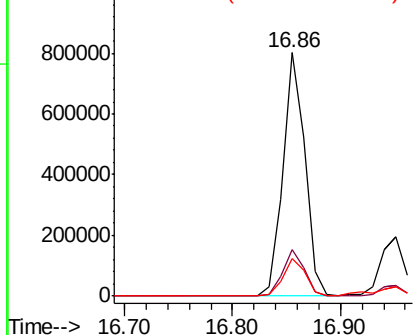


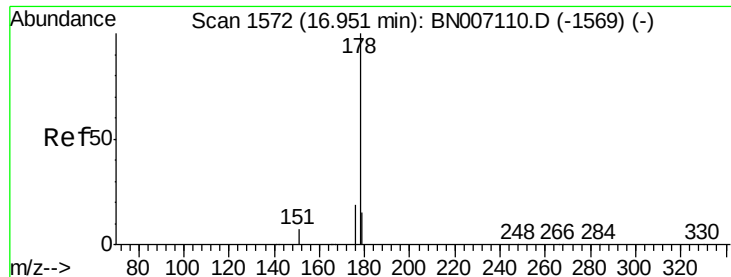
#22
 Phenanthrene
 Concen: 10.708 ng
 RT: 16.86 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BN007230.D
 Acq: 16 Aug 2019 19:25

Tgt Ion: 178 Resp: 1126988
 Ion Ratio Lower Upper
 178 100
 176 18.8 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: 2.999 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

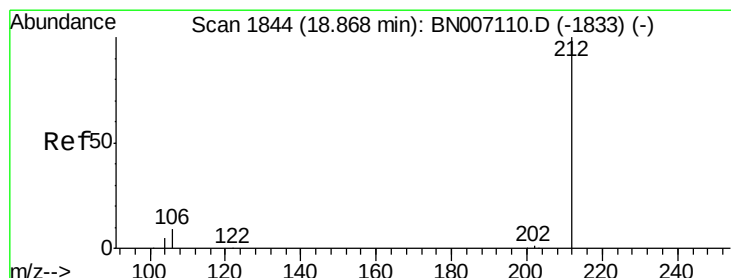
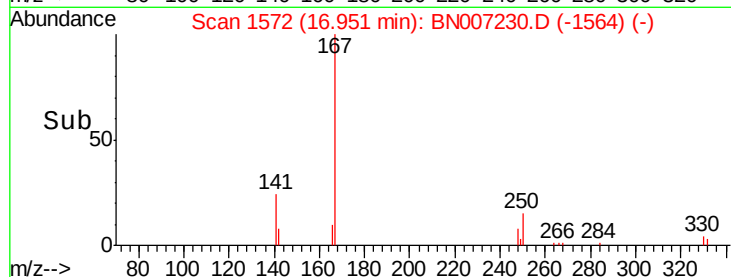
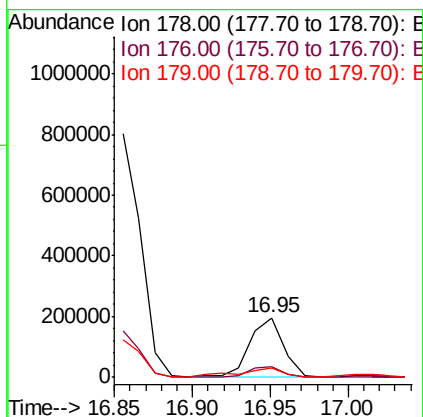
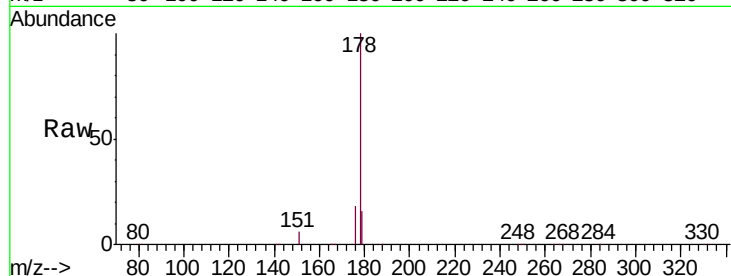
Tgt Ion:178 Resp: 288334

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 20.7 12.5 18.7#



#24

Fluoranthene-d10

Concen: 0.239 ng

RT: 18.86 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

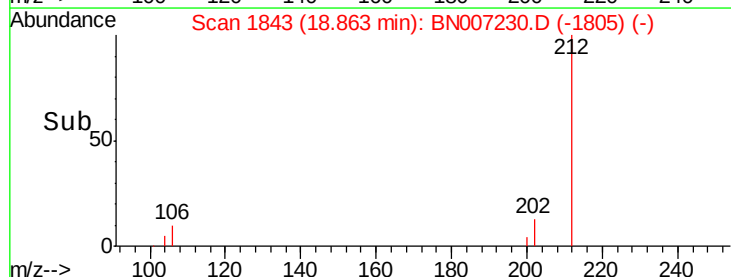
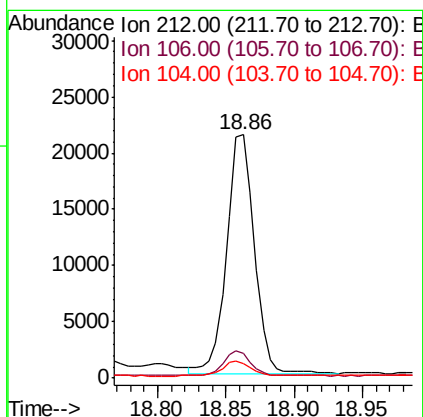
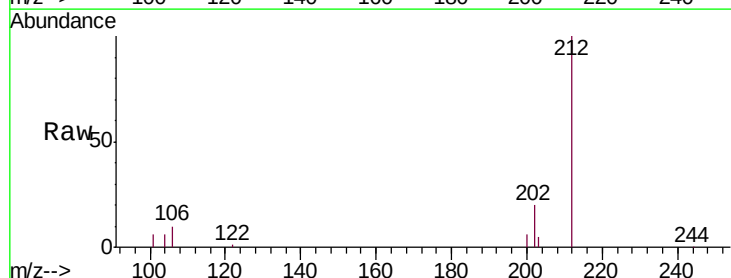
Tgt Ion:212 Resp: 29721

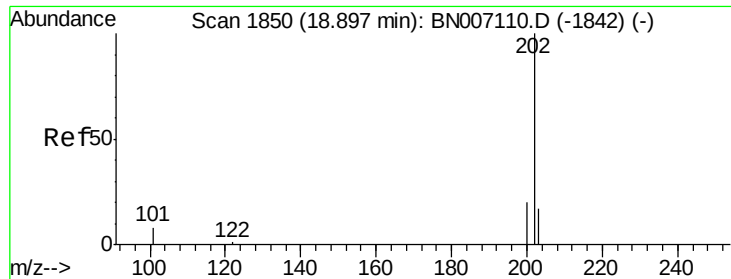
Ion Ratio Lower Upper

212 100

106 9.9 8.2 12.2

104 6.2 4.5 6.7





#25

Fluoranthene

Concen: 8.336 ng

RT: 18.89 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

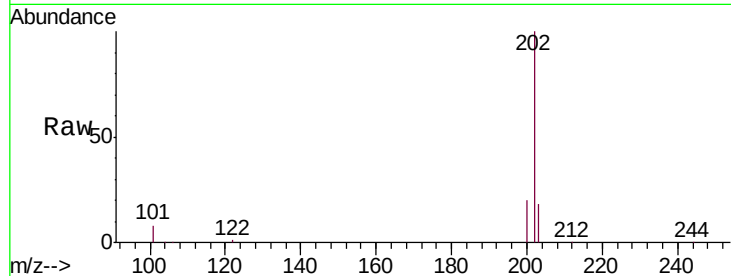
Tgt Ion:202 Resp: 1122222

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

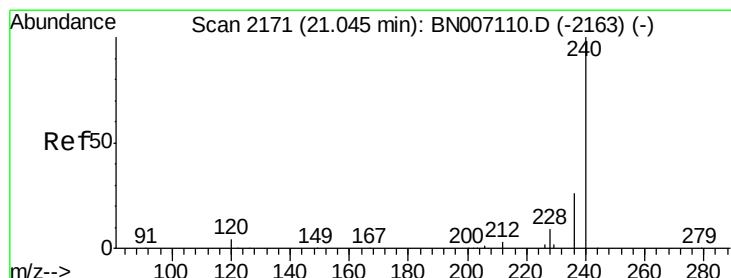
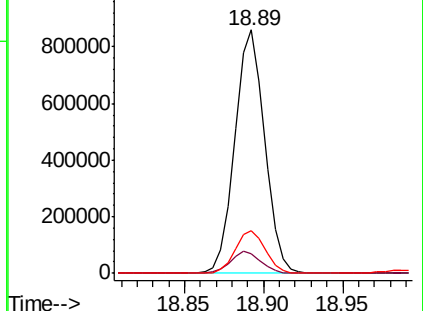
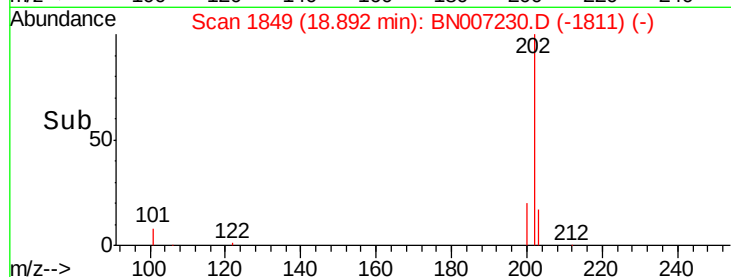
203 17.6 13.8 20.8



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: BN007230.D

Acq: 16 Aug 2019 19:25

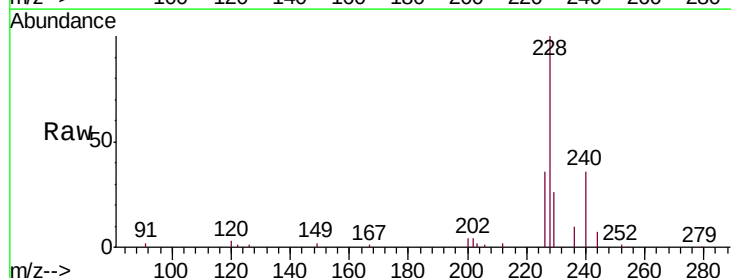
Tgt Ion:240 Resp: 34400

Ion Ratio Lower Upper

240 100

120 8.2 4.0 6.0#

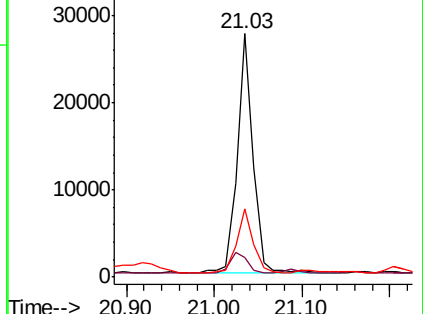
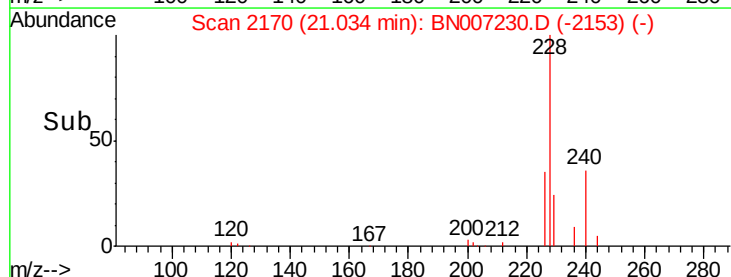
236 28.2 21.3 31.9

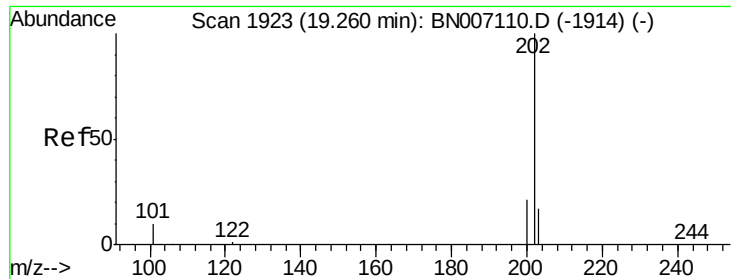


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pyrene

Concen: 7.966 ng

RT: 19.25 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

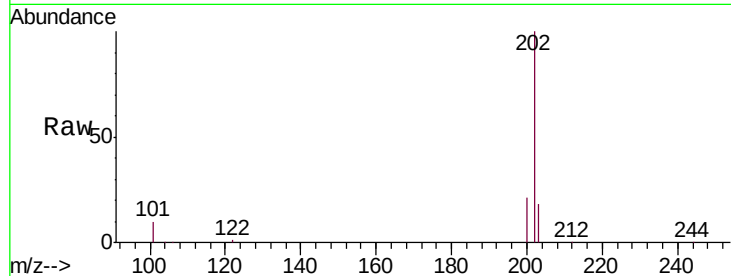
Tgt Ion:202 Resp: 960940

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

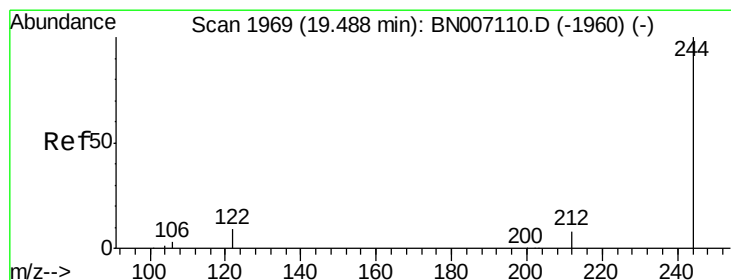
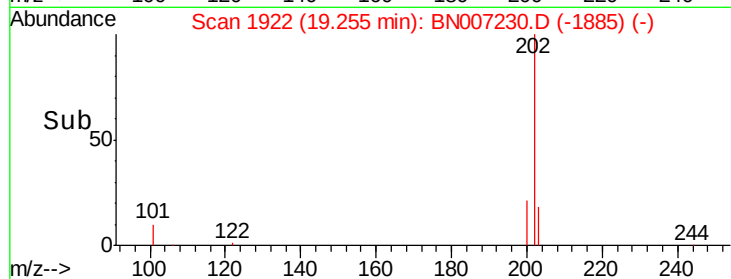
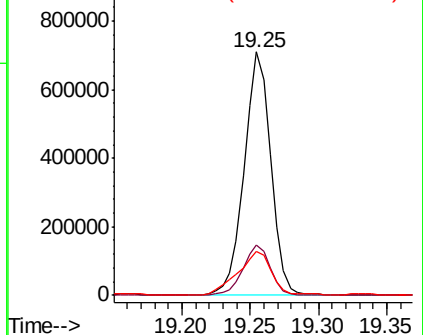
203 22.8 14.0 21.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#28

Terphenyl-d14

Concen: 0.225 ng

RT: 19.48 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

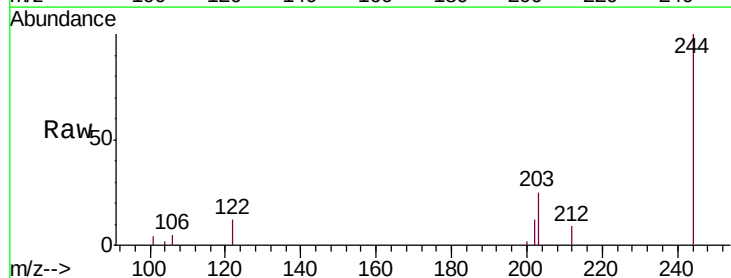
Tgt Ion:244 Resp: 21104

Ion Ratio Lower Upper

244 100

212 9.0 6.2 9.2

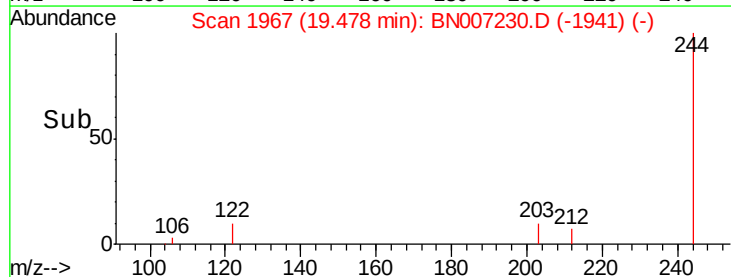
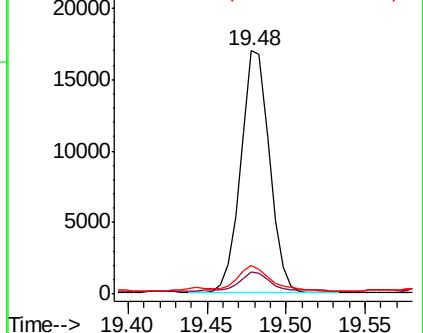
122 12.0 7.4 11.2#

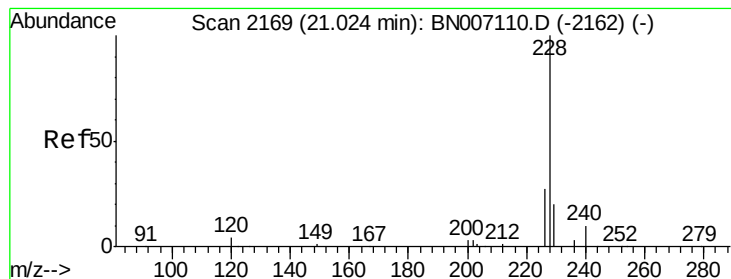


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 4.540 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

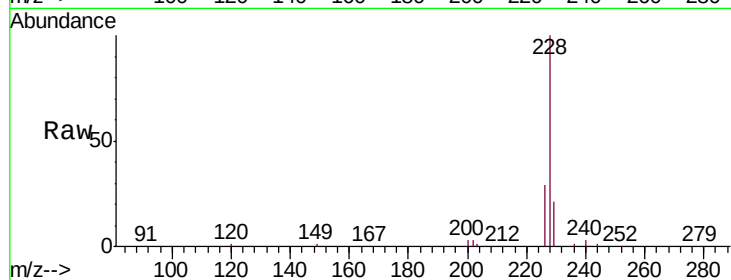
Tgt Ion:228 Resp: 571116

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.6

229 21.3 15.6 23.4

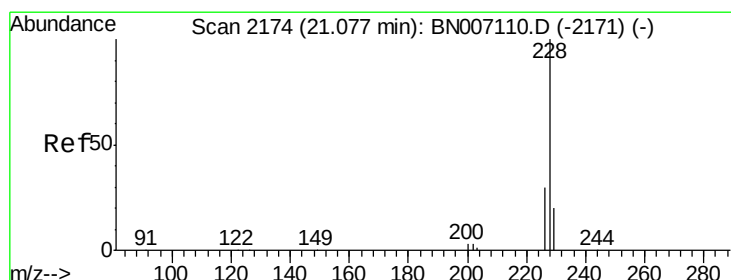
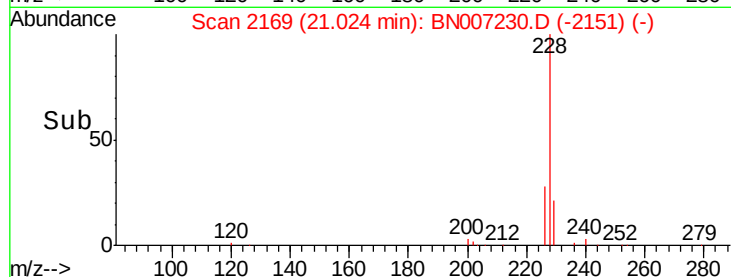
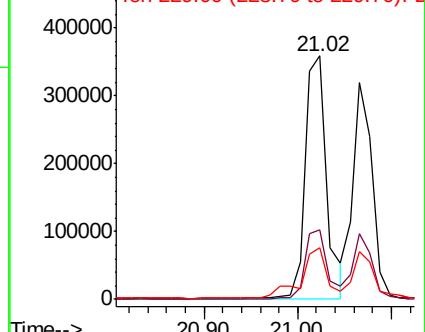


Abundance

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: 3.717 ng

RT: 21.07 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

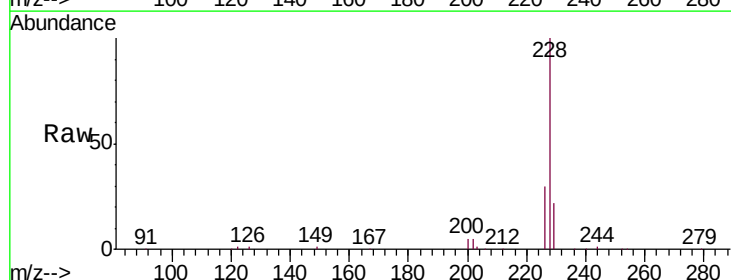
Tgt Ion:228 Resp: 454281

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 22.2 15.7 23.5

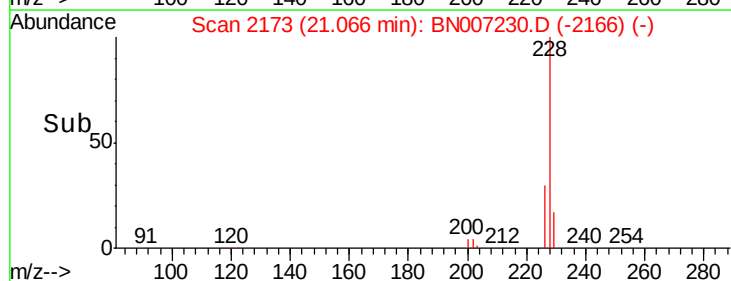
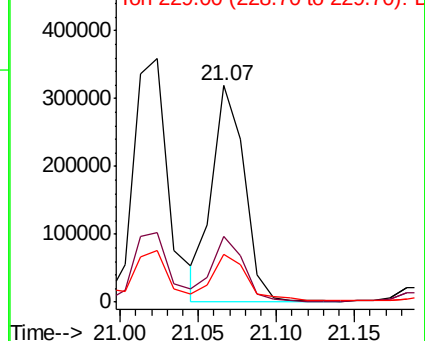


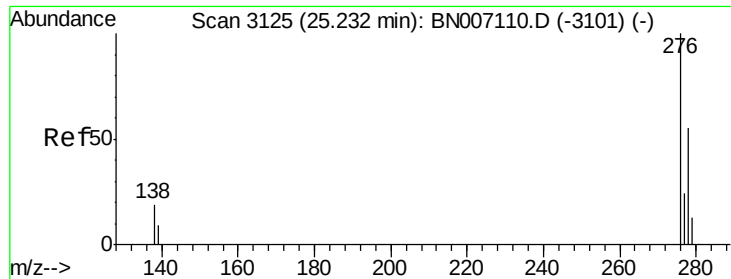
Abundance

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: 1.641 ng

RT: 25.22 min Scan# 3122

Delta R.T. -0.03 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

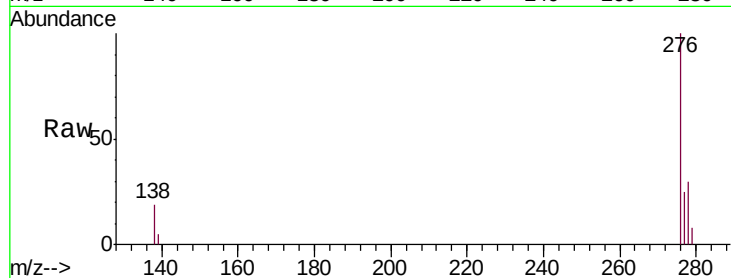
Tgt Ion:276 Resp: 221067

Ion Ratio Lower Upper

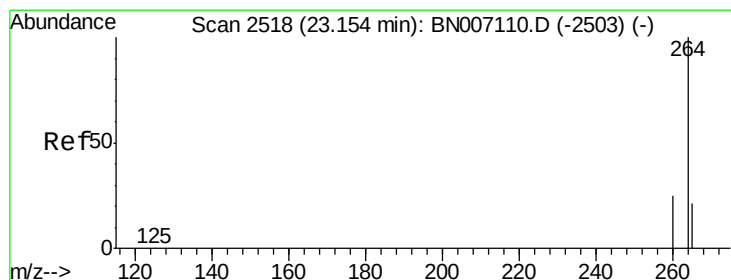
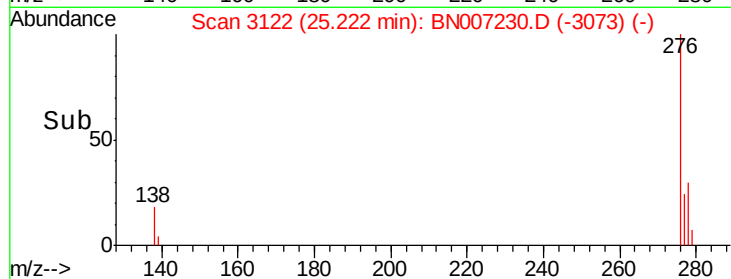
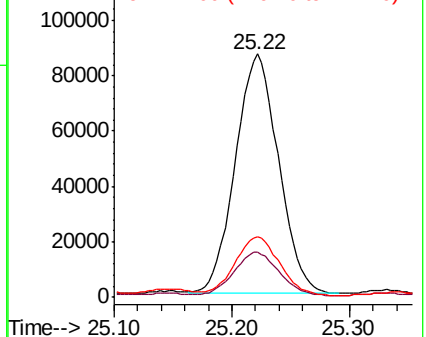
276 100

138 18.9 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# 2516

Delta R.T. -0.02 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

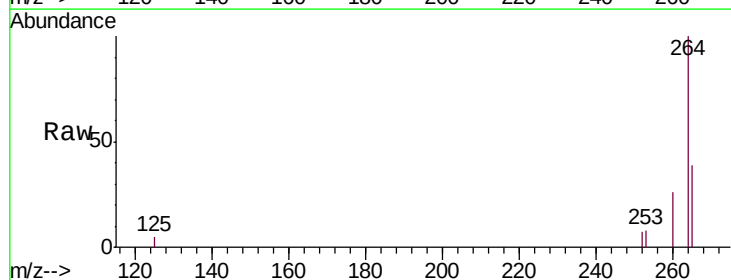
Tgt Ion:264 Resp: 37106

Ion Ratio Lower Upper

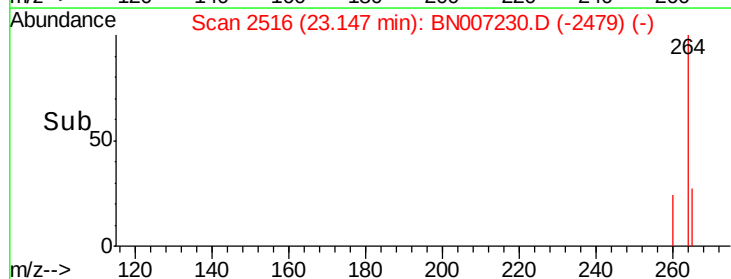
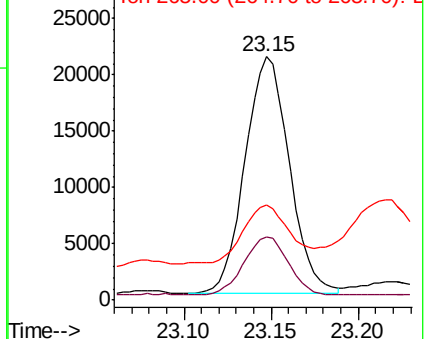
264 100

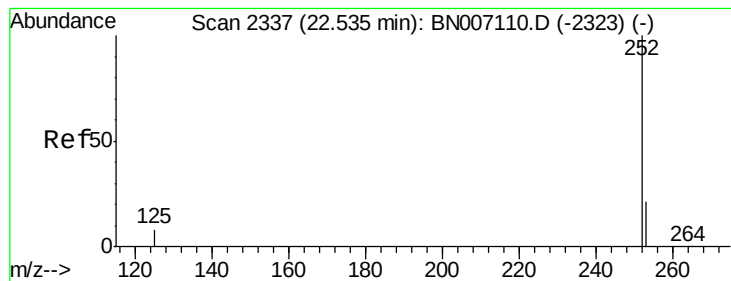
260 25.8 19.8 29.8

265 39.1 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: 3.831 ng

RT: 22.53 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

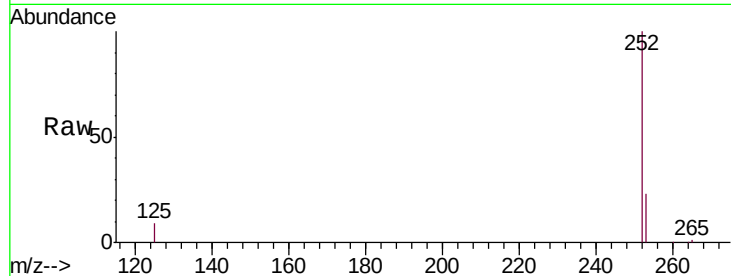
Tgt Ion:252 Resp: 487499

Ion Ratio Lower Upper

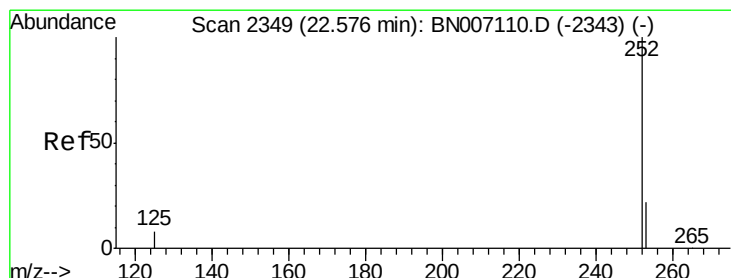
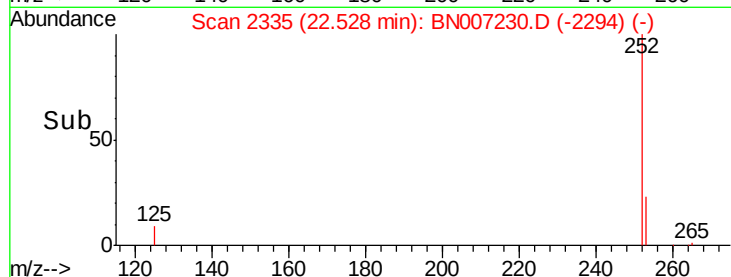
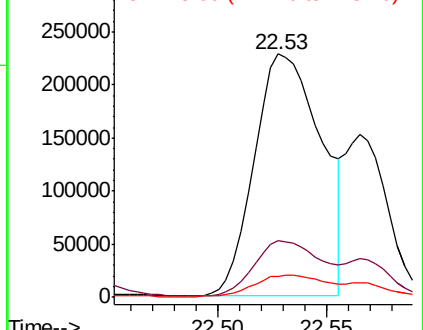
252 100

253 23.2 18.2 27.2

125 8.8 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: 3.879 ng

RT: 22.53 min Scan# 2335

Delta R.T. -0.06 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

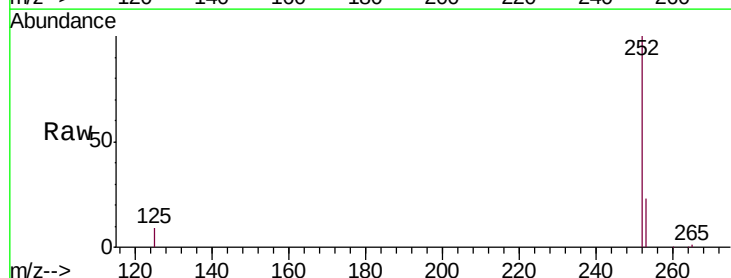
Tgt Ion:252 Resp: 487499

Ion Ratio Lower Upper

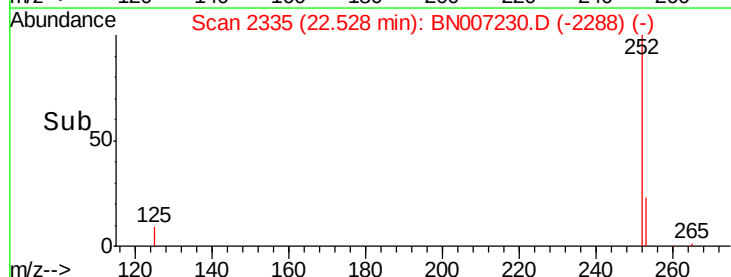
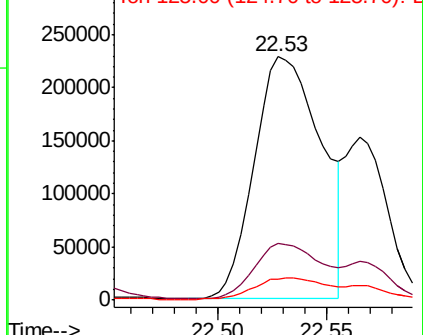
252 100

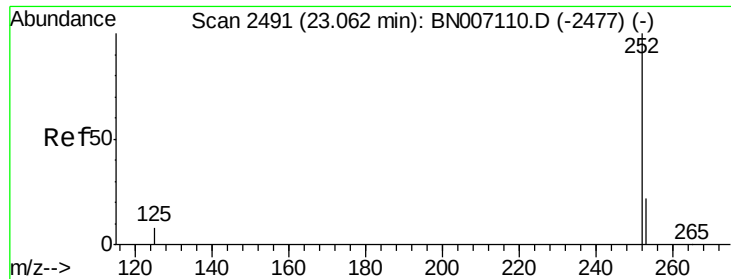
253 23.2 18.1 27.1

125 8.8 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: 3.261 ng

RT: 23.05 min Scan# 2489

Delta R.T. -0.03 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD

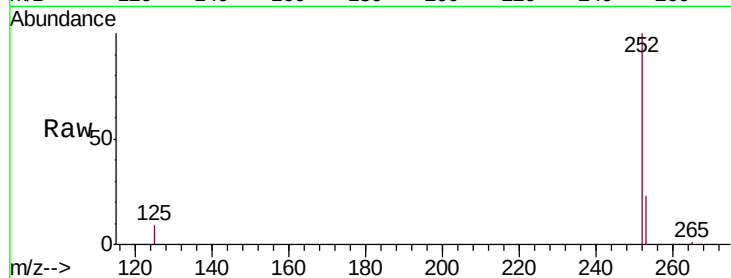
Tgt Ion:252 Resp: 376211

Ion Ratio Lower Upper

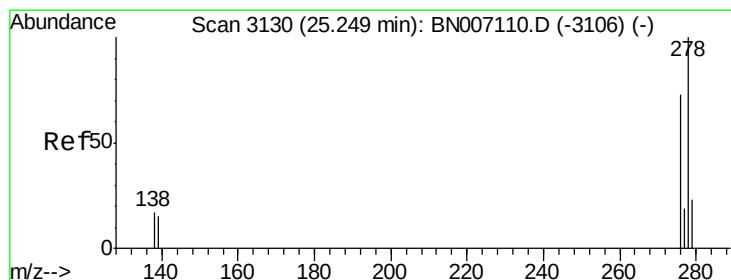
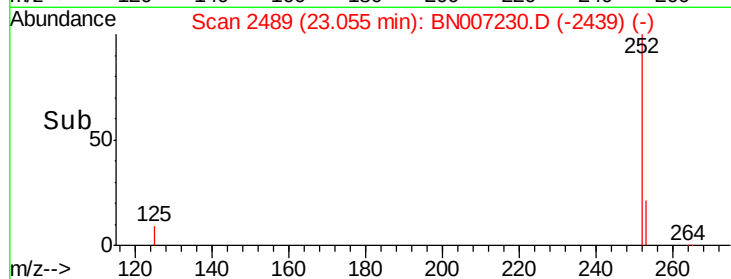
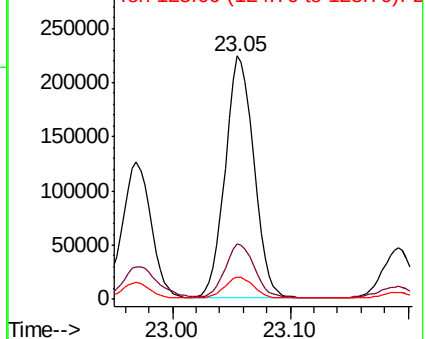
252 100

253 22.9 18.5 27.7

125 9.4 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: 0.742 ng

RT: 25.23 min Scan# 3125

Delta R.T. -0.04 min

Lab File: BN007230.D

Acq: 16 Aug 2019 19:25

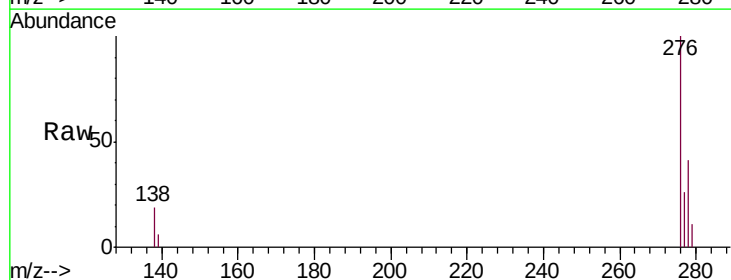
Tgt Ion:278 Resp: 85354

Ion Ratio Lower Upper

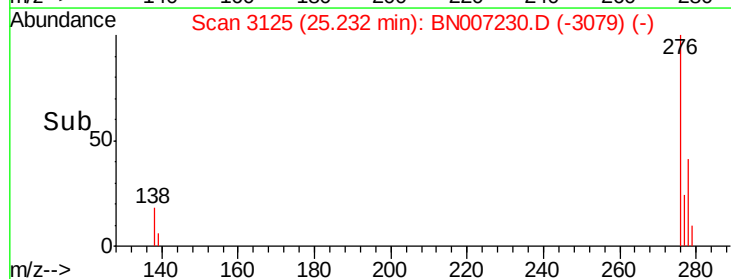
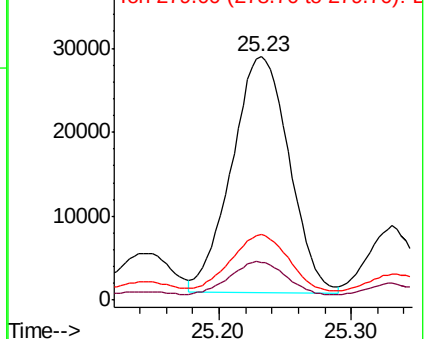
278 100

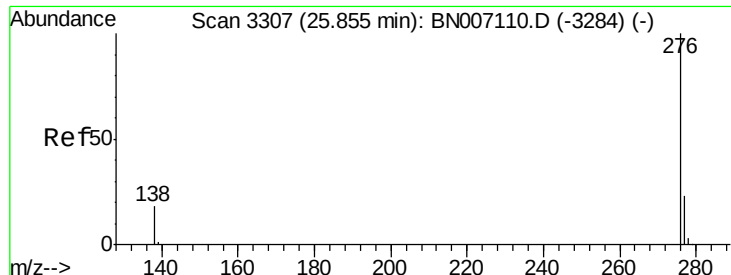
139 15.6 11.3 16.9

279 26.8 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(g,h,i)perylene

Concen: 1.637 ng

RT: 25.85 min Scan# 3305

Delta R.T. -0.03 min

Lab File: BN007230.D

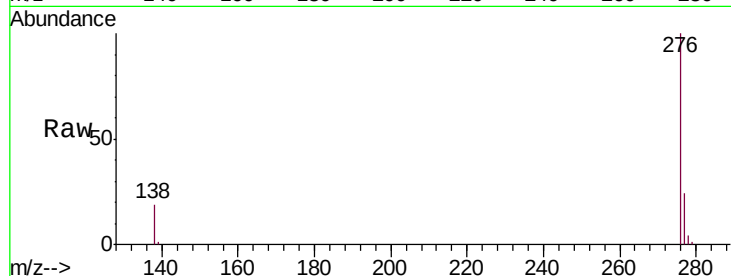
Acq: 16 Aug 2019 19:25

Instrument :

BNA_N

ClientSampleId :

PST-010-B225-080819MSD



Tgt Ion: 276 Resp: 193814

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 18.8 14.6 22.0

