

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081319\
 Data File : BN007140.D
 Acq On : 13 Aug 2019 20:07
 Operator : HP/JU
 Sample : K4173-09MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-016-SW112-073119-1MS

Quant Time: Aug 14 04:04:05 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	7.44	152	9706	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	37394	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	21361	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	48405	0.40	ng	0.00
26) Chrysene-d12	21.05	240	47463	0.40	ng	-0.01
32) Perylene-d12	23.16	264	53618	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	9452	0.41	ng	0.00
4) Phenol-d6	6.61	99	12803	0.44	ng	0.00
7) Nitrobenzene-d5	8.56	82	10573	0.35	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	21967m	0.32	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	3722	0.32	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	4865	0.16	ng	0.00
24) Fluoranthene-d10	18.87	212	48711	0.28	ng	0.00
28) Terphenyl-d14	19.49	244	36229	0.28	ng	0.00

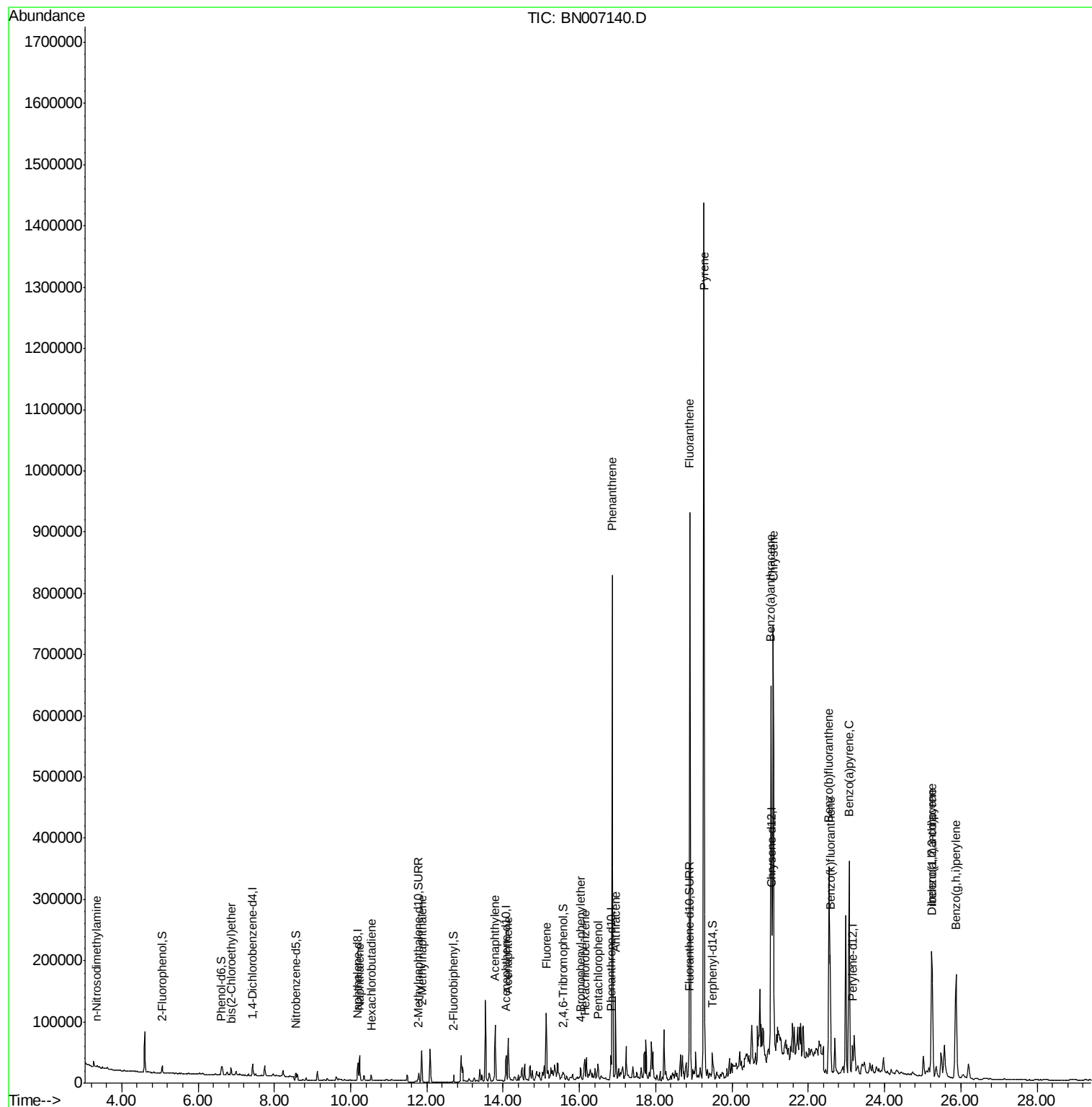
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.34	42	2477	0.388	ng	# 85
5) bis(2-Chloroethyl)ether	6.87	93	9971	0.390	ng	97
8) Naphthalene	10.24	128	52301	0.499	ng	99
9) Hexachlorobutadiene	10.54	225	6822	0.305	ng	# 99
11) 2-Methylnaphthalene	11.87	142	38543	0.519	ng	99
15) Acenaphthylene	13.79	152	108805	0.975	ng	99
16) Acenaphthene	14.13	154	38009	0.531	ng	97
17) Fluorene	15.14	166	60555	0.566	ng	94
19) 4-Bromophenyl-phenylether	16.03	248	10225	0.342	ng	# 81
20) Hexachlorobenzene	16.14	284	9089	0.316	ng	99
21) Pentachlorophenol	16.48	266	7602	0.708	ng	98
22) Phenanthrene	16.87	178	808720	5.575	ng	100
23) Anthracene	16.95	178	142529	1.075	ng	98
25) Fluoranthene	18.90	202	838873	4.521	ng	99
27) Pyrene	19.26	202	1310513	7.873	ng	96
29) Benzo(a)anthracene	21.02	228	554827	3.196	ng	94
30) Chrysene	21.08	228	673411	3.993	ng	97
31) Indeno(1,2,3-cd)pyrene	25.24	276	299678	1.612	ng	99
33) Benzo(b)fluoranthene	22.54	252	548244	2.982	ng	99
34) Benzo(k)fluoranthene	22.58	252	200082m	1.102	ng	
35) Benzo(a)pyrene	23.07	252	468485	2.811	ng	99
36) Dibenzo(a,h)anthracene	25.26	278	121975	0.733	ng	92
37) Benzo(g,h,i)perylene	25.87	276	334873	1.958	ng	99

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

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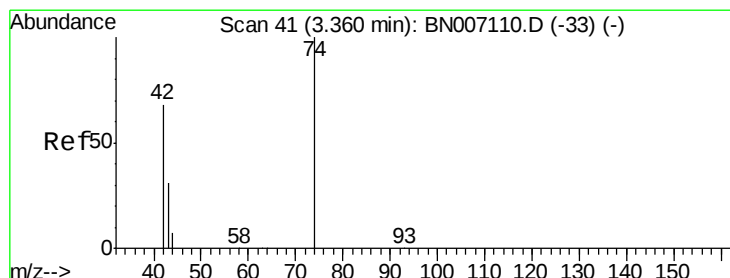
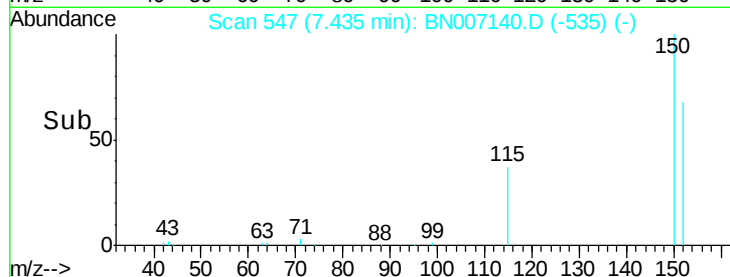
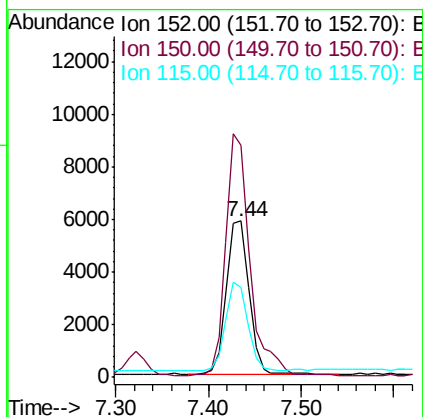
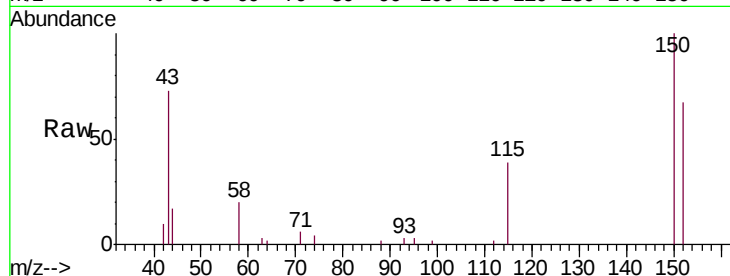


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.44 min Scan# 547
Delta R.T. 0.00 min
Lab File: BN007140.D
Acq: 13 Aug 2019 20:07

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

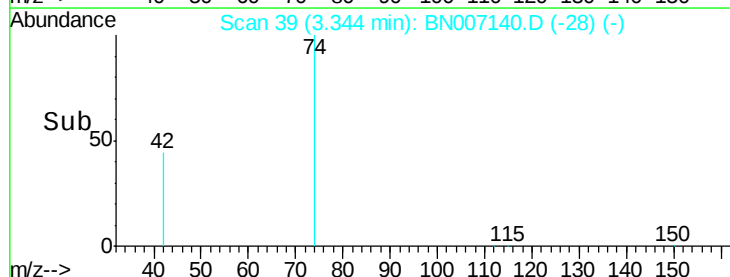
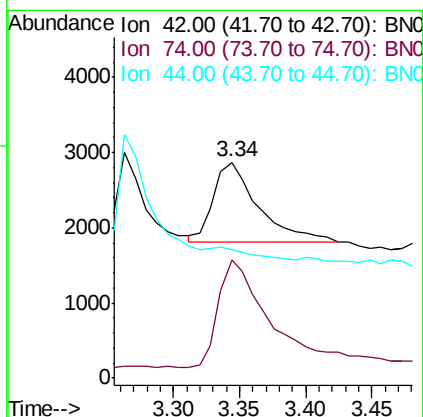
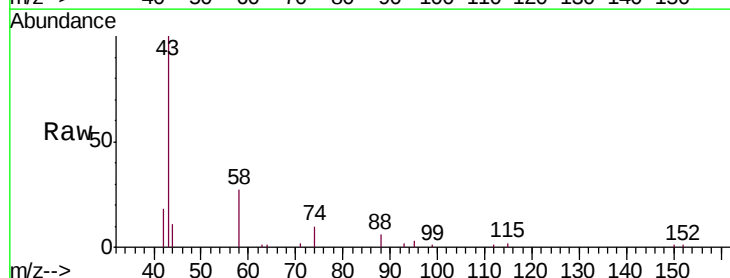
Tgt Ion:152 Resp: 9706
Ion Ratio Lower Upper
152 100
150 148.4 121.7 182.5
115 57.5 46.2 69.4

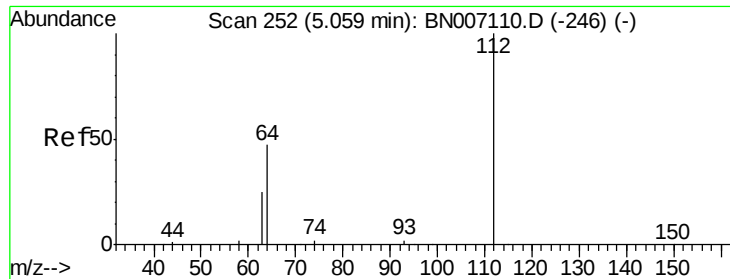


#2

n-Nitrosodimethylamine
Concen: 0.388 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BN007140.D
Acq: 13 Aug 2019 20:07

Tgt Ion: 42 Resp: 2477
Ion Ratio Lower Upper
42 100
74 156.2 110.6 166.0
44 0.0 0.0 0.0





#3

2-Fluorophenol

Concen: 0.405 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

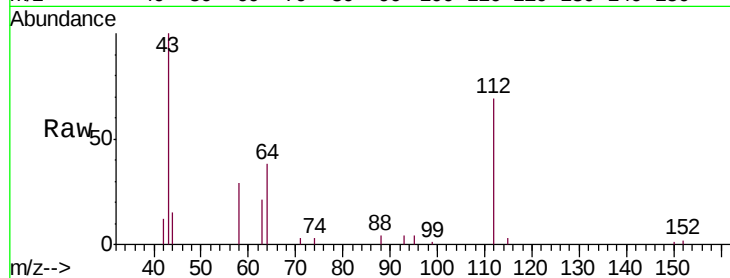
Tgt Ion: 112 Resp: 9452

Ion Ratio Lower Upper

112 100

64 53.0 42.6 63.8

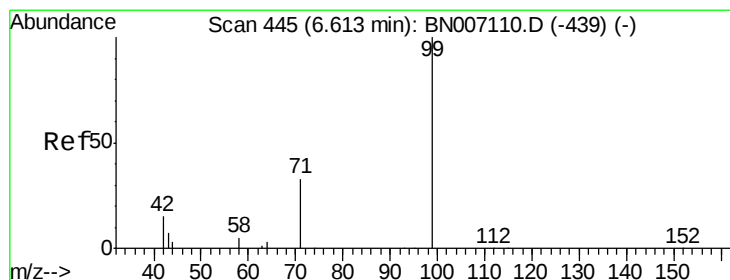
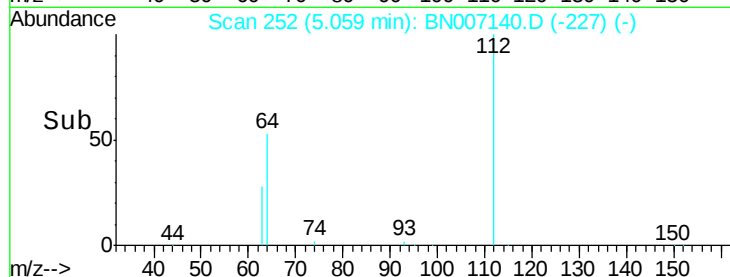
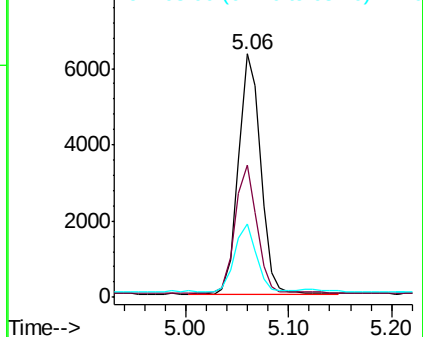
63 27.8 22.2 33.2



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: 0.443 ng

RT: 6.61 min Scan# 445

Delta R.T. 0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

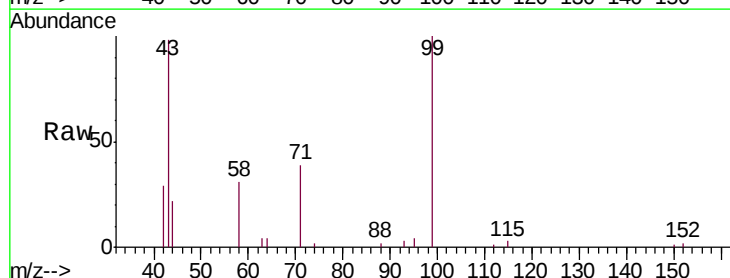
Tgt Ion: 99 Resp: 12803

Ion Ratio Lower Upper

99 100

42 22.1 15.8 23.6

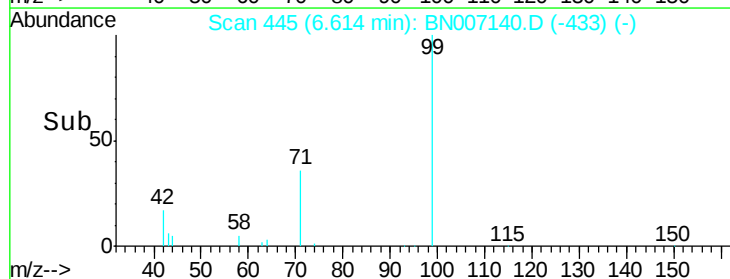
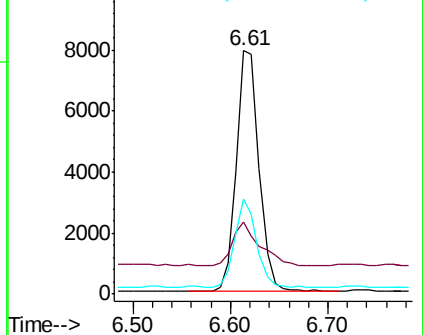
71 35.1 27.0 40.4

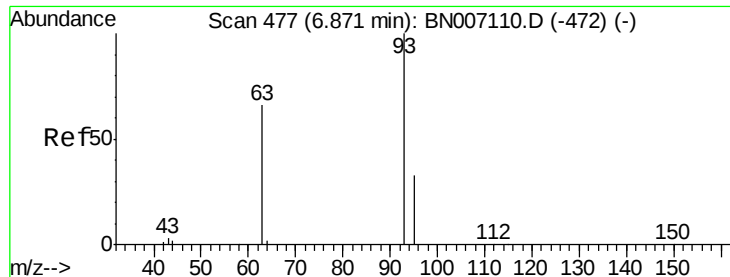


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#5

bis(2-Chloroethyl)ether

Concen: 0.390 ng

RT: 6.87 min Scan# 477

Delta R.T. 0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

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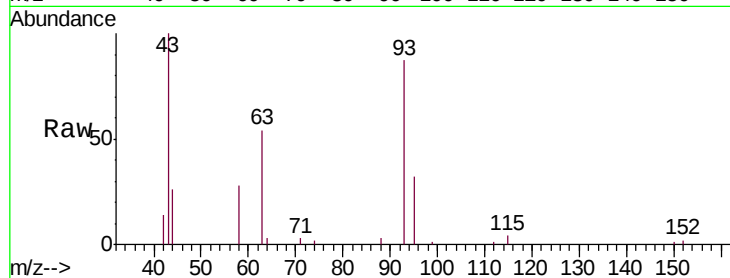
Tgt Ion: 93 Resp: 9971

Ion Ratio Lower Upper

93 100

63 67.0 55.6 83.4

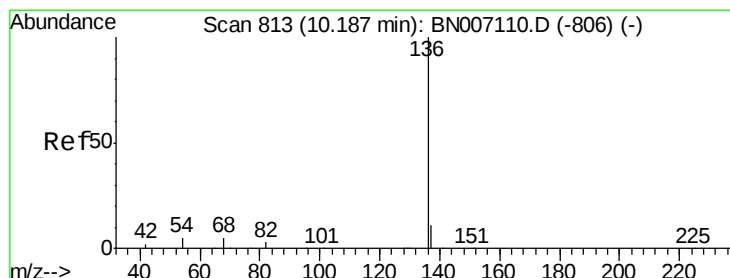
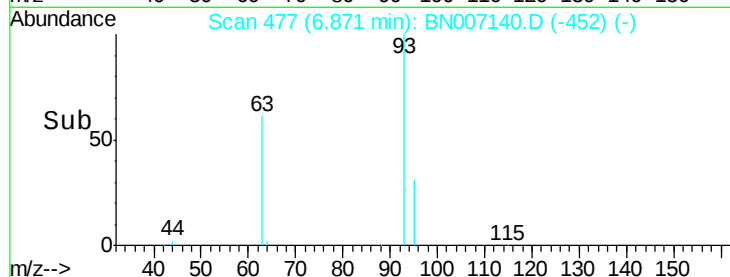
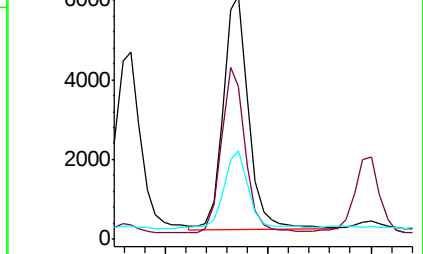
95 32.3 26.7 40.1



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: 10.19 min Scan# 813

Delta R.T. 0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Tgt Ion: 136 Resp: 37394

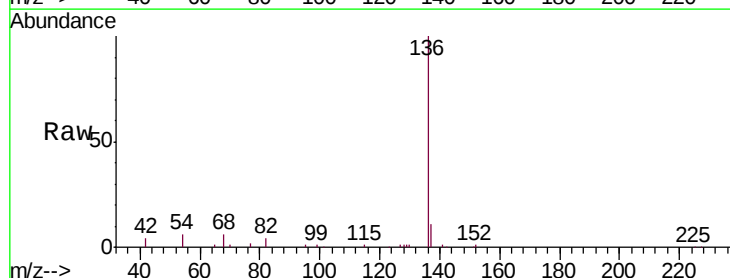
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 6.2 6.6 9.8#

68 5.7 6.0 9.0#

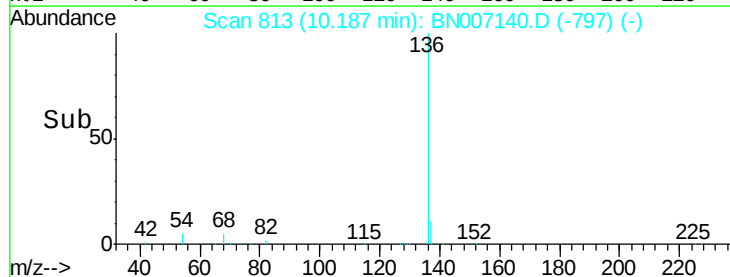
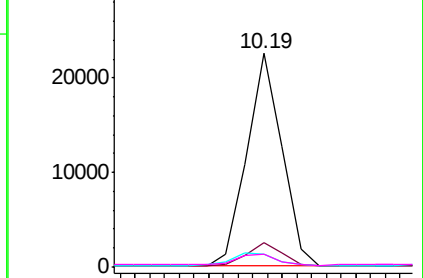


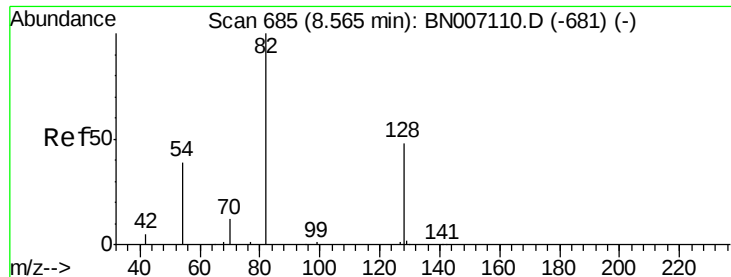
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

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: 0.351 ng

RT: 8.56 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

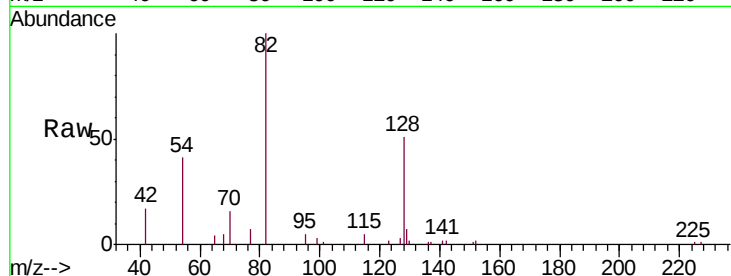
Tgt Ion: 82 Resp: 10573

Ion Ratio Lower Upper

82 100

128 51.2 34.6 51.8

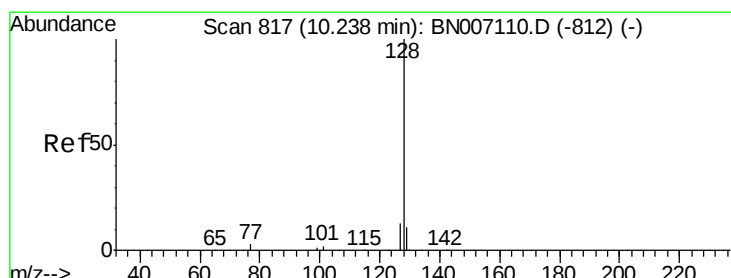
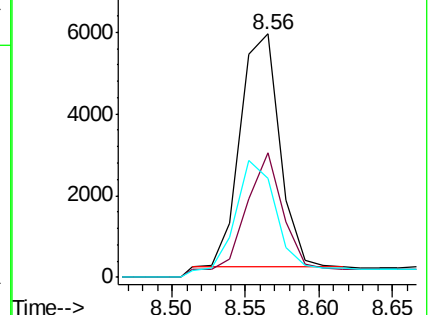
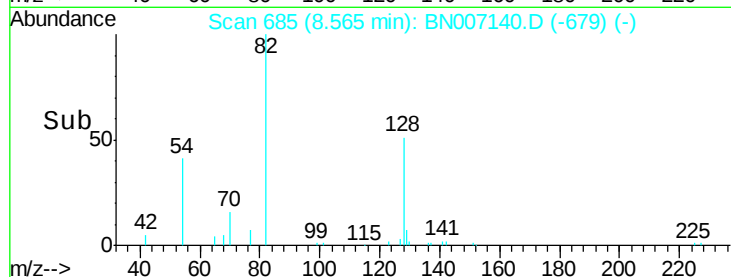
54 40.7 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007140.D (-679) (-)

Ion 128.00 (127.70 to 128.70): BN007140.D (-679) (-)

Ion 54.00 (53.70 to 54.70): BN007140.D (-679) (-)



#8

Naphthalene

Concen: 0.499 ng

RT: 10.24 min Scan# 817

Delta R.T. 0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

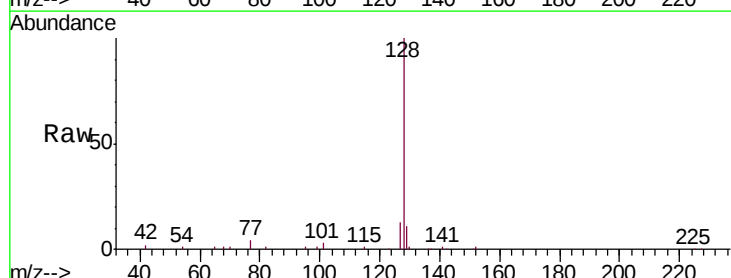
Tgt Ion: 128 Resp: 52301

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

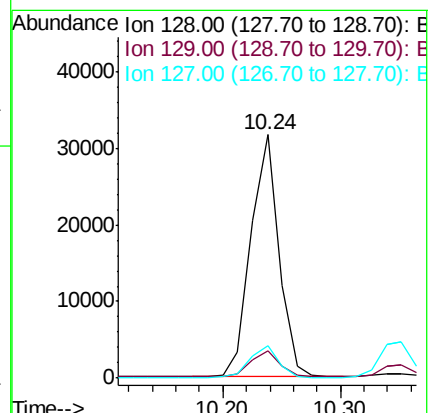
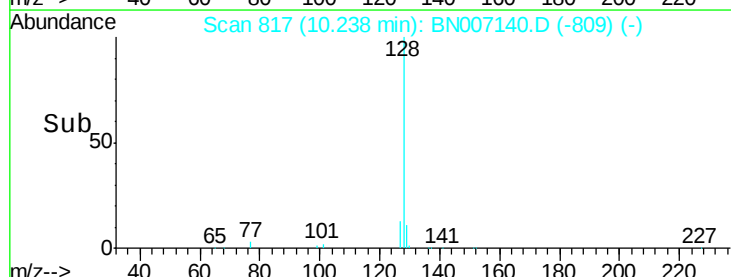
127 13.2 11.0 16.6

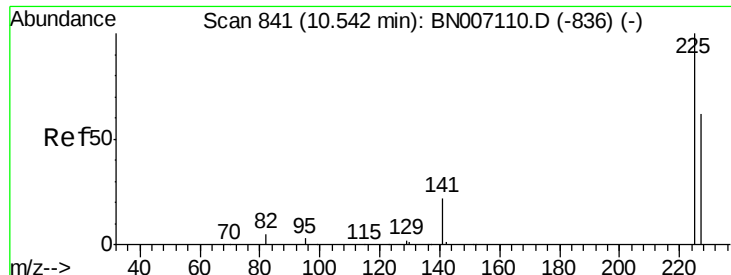


Abundance Ion 128.00 (127.70 to 128.70): BN007140.D (-809) (-)

Ion 129.00 (128.70 to 129.70): BN007140.D (-809) (-)

Ion 127.00 (126.70 to 127.70): BN007140.D (-809) (-)





#9

Hexachlorobutadiene

Concen: 0.305 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007140.D

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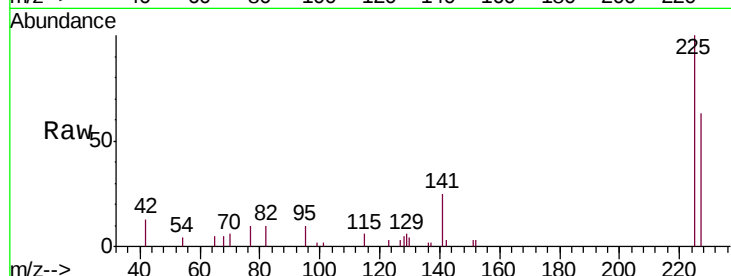
Tgt Ion: 225 Resp: 6822

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

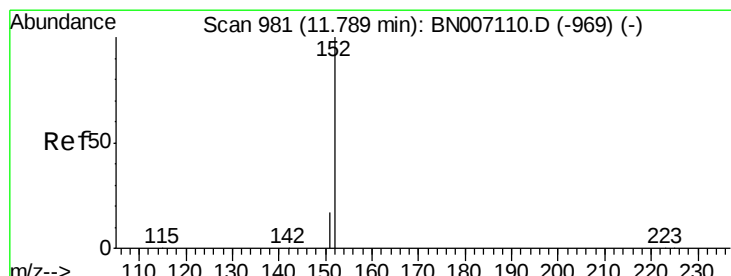
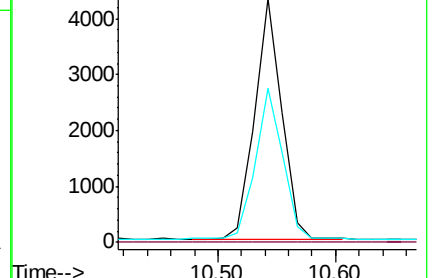
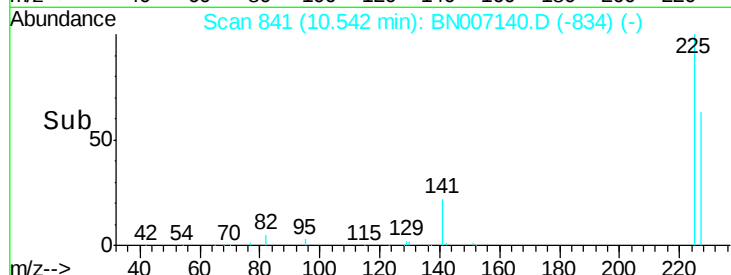
227 63.0 51.1 76.7



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: 0.315 ng m

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007140.D

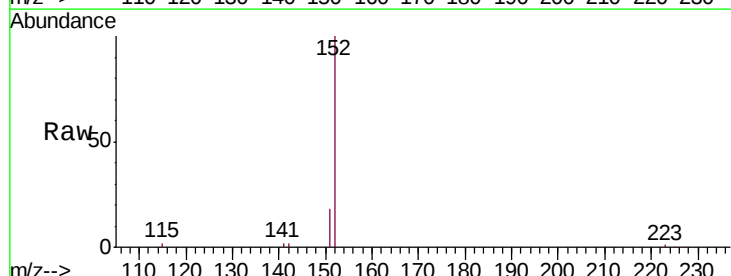
Acq: 13 Aug 2019 20:07

Tgt Ion: 152 Resp: 21967

Ion Ratio Lower Upper

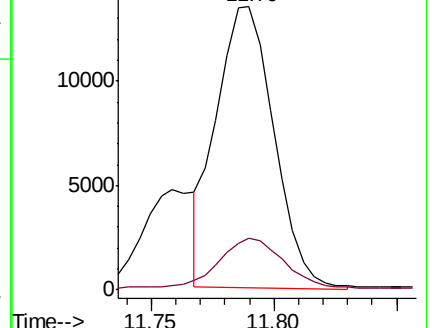
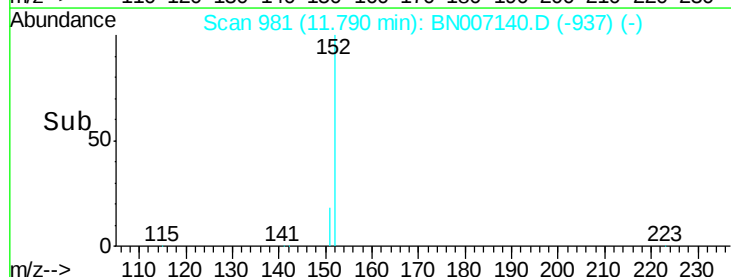
152 100

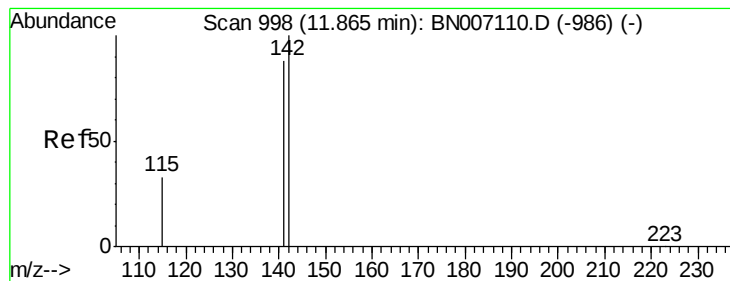
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.519 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007140.D

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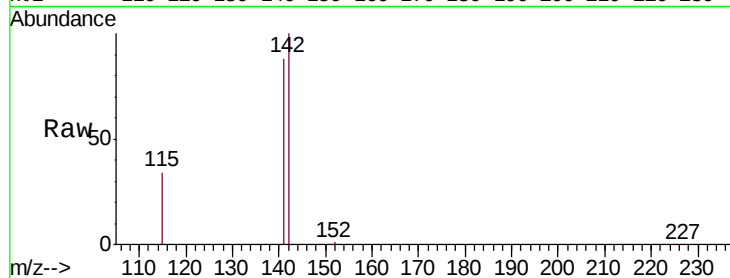
Tgt Ion:142 Resp: 38543

Ion Ratio Lower Upper

142 100

141 87.8 69.0 103.6

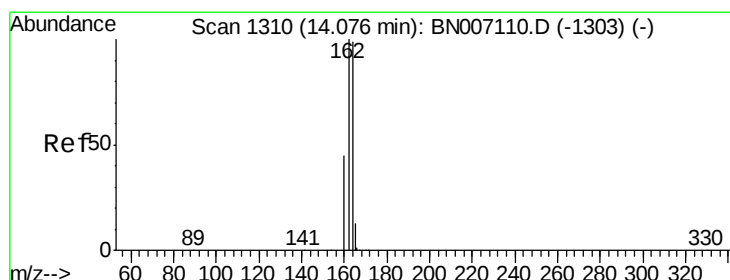
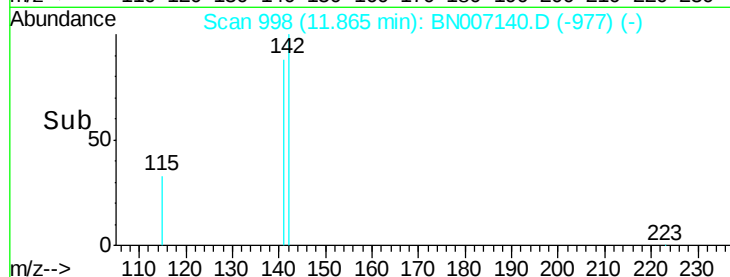
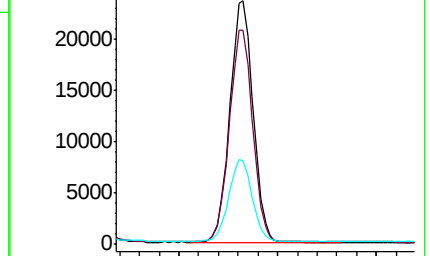
115 34.5 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

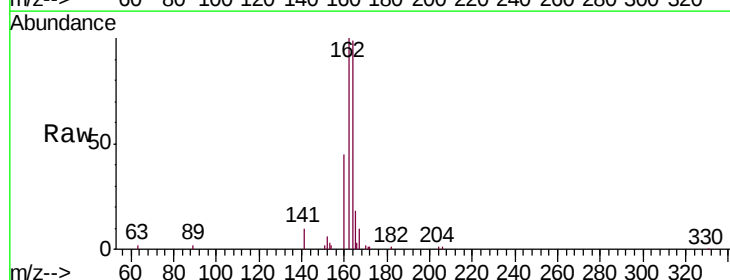
Tgt Ion:164 Resp: 21361

Ion Ratio Lower Upper

164 100

162 101.0 82.2 123.4

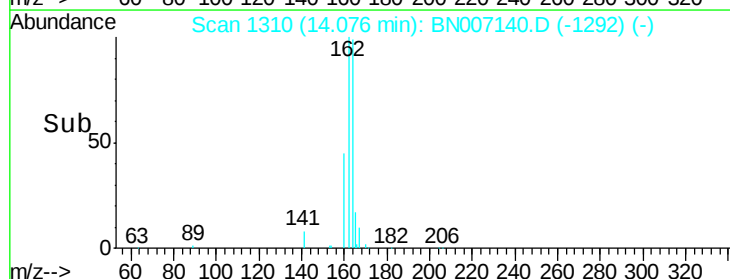
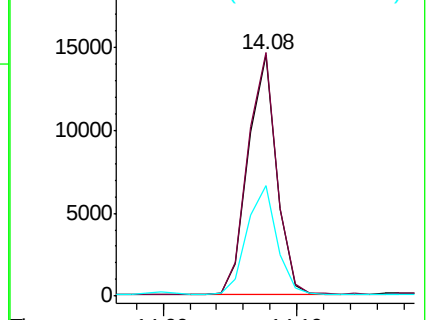
160 45.7 38.3 57.5

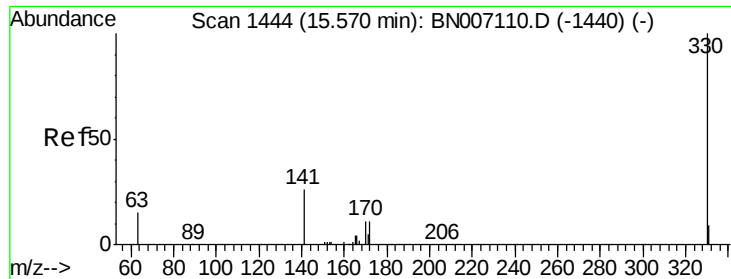


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

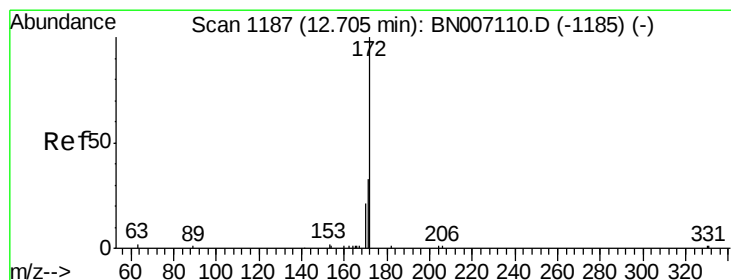
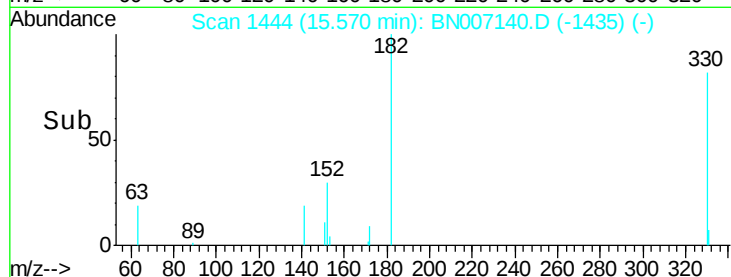
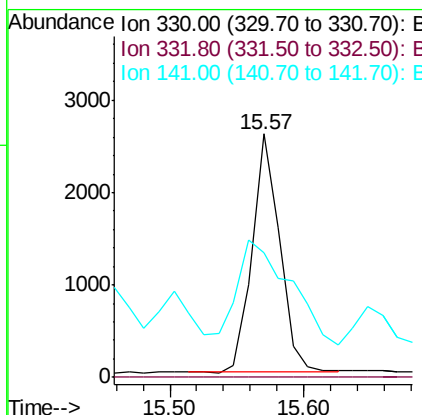
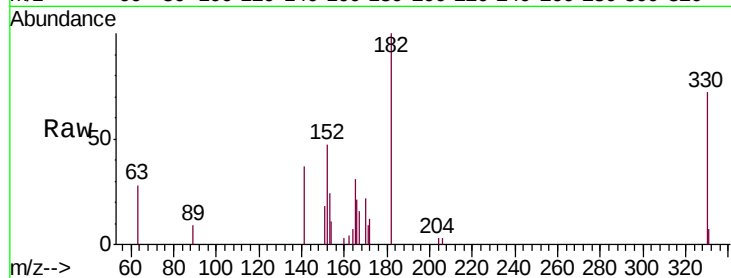




#13
 2,4,6-Tribromophenol
 Concen: 0.324 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BN007140.D
 Acq: 13 Aug 2019 20:07

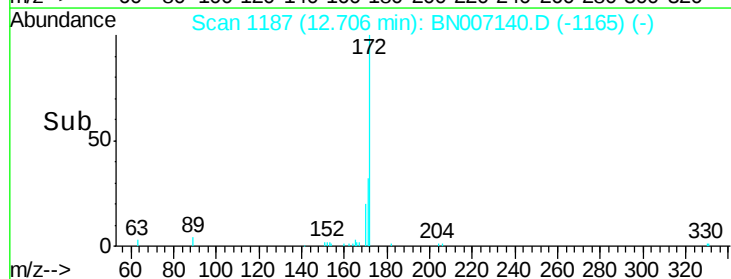
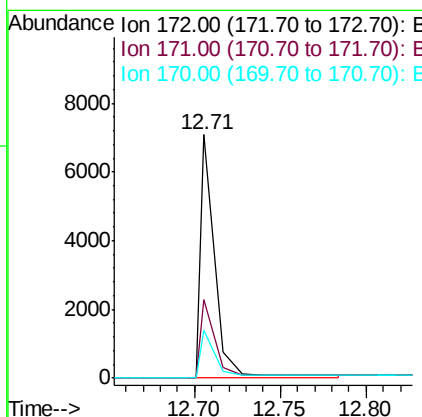
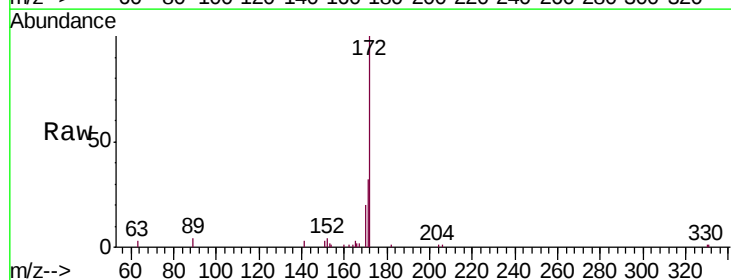
Instrument :
 BNA_N
 ClientSampleId :
 PST-016-SW112-073119-1MS

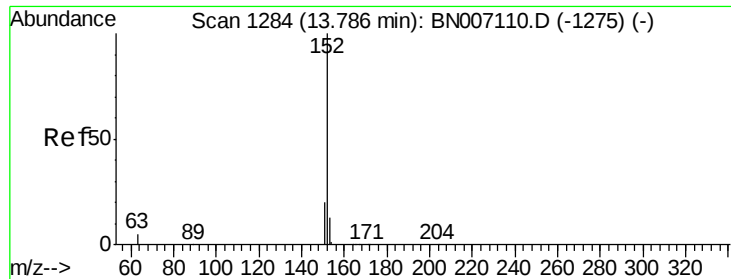
Tgt Ion: 330 Resp: 3722
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 83.2 33.6 50.4#



#14
 2-Fluorobiphenyl
 Concen: 0.157 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BN007140.D
 Acq: 13 Aug 2019 20:07

Tgt Ion: 172 Resp: 4865
 Ion Ratio Lower Upper
 172 100
 171 32.4 26.3 39.5
 170 19.7 17.0 25.4





#15

Acenaphthylene

Concen: 0.975 ng

RT: 13.79 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

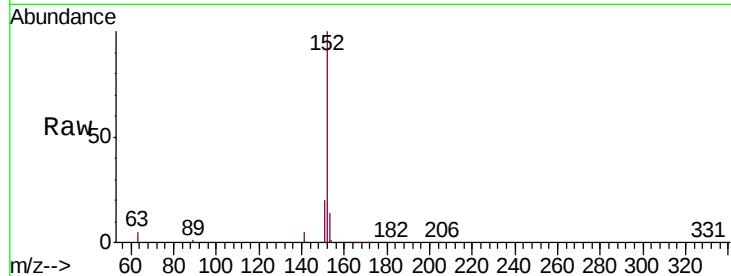
Tgt Ion:152 Resp: 108805

Ion Ratio Lower Upper

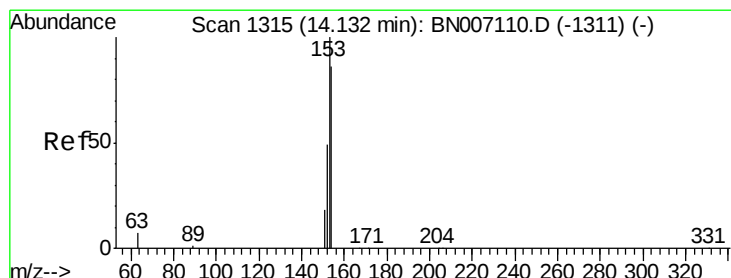
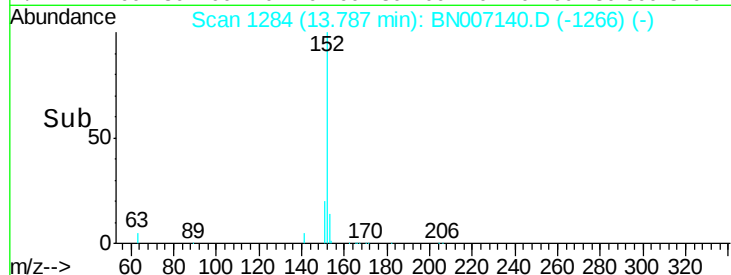
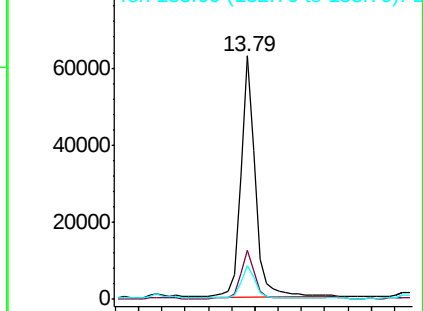
152 100

151 19.4 15.8 23.6

153 13.6 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: 0.531 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

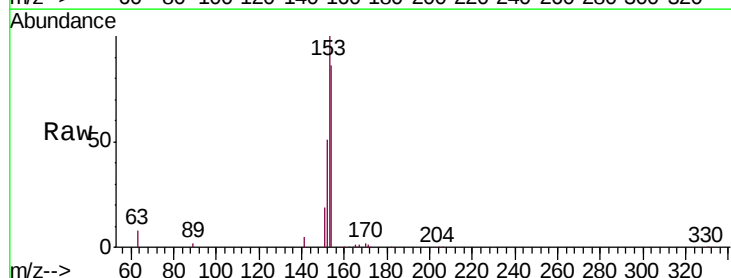
Tgt Ion:154 Resp: 38009

Ion Ratio Lower Upper

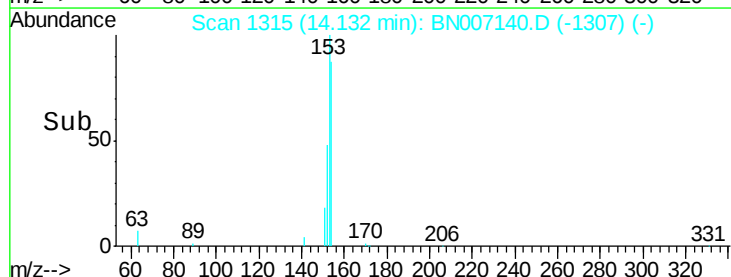
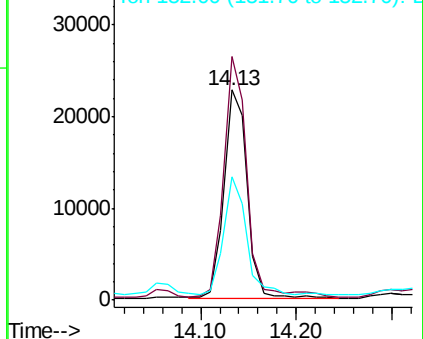
154 100

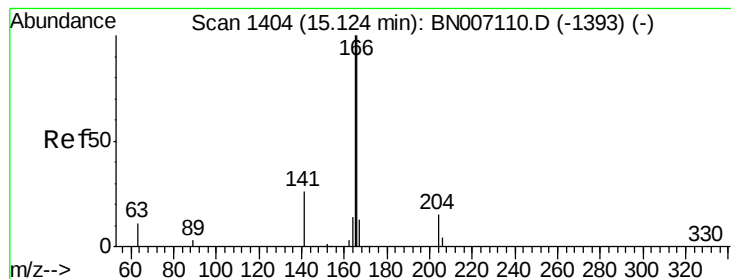
153 115.7 89.5 134.3

152 54.6 44.8 67.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.566 ng

RT: 15.14 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

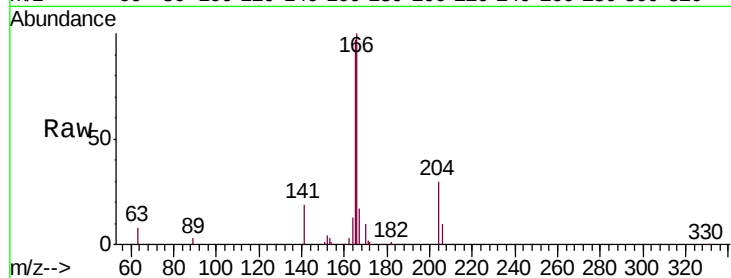
Tgt Ion:166 Resp: 60555

Ion Ratio Lower Upper

166 100

165 103.4 77.9 116.9

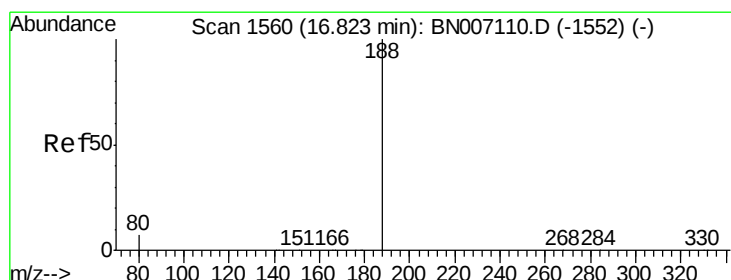
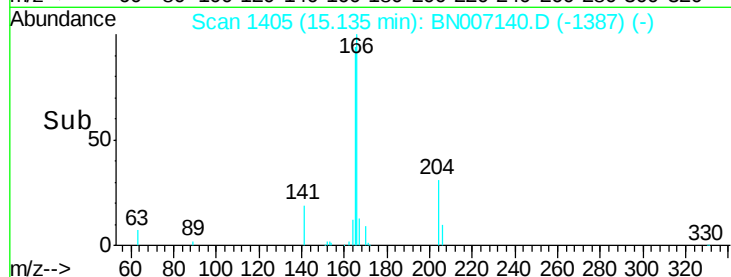
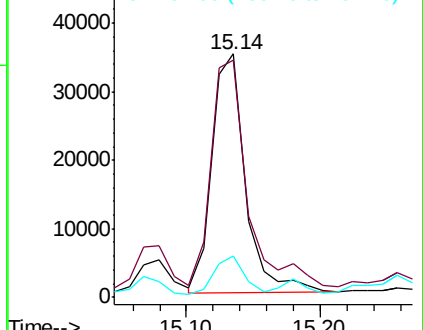
167 14.9 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

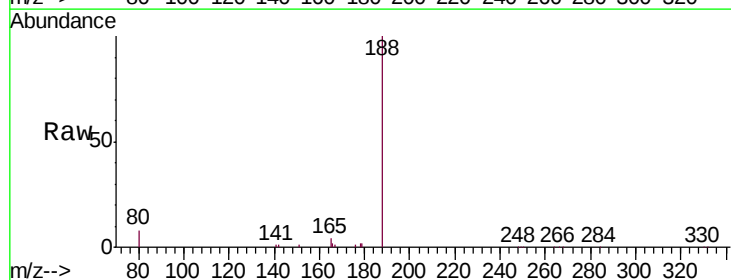
Tgt Ion:188 Resp: 48405

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

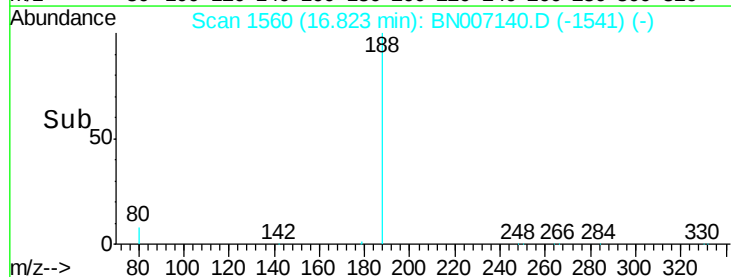
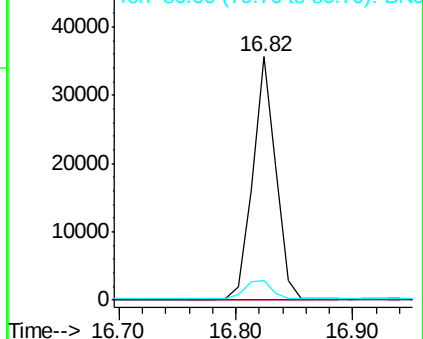
80 8.3 7.8 11.6

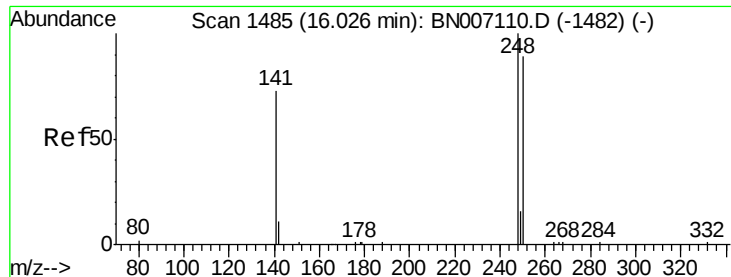


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#19

4-Bromophenyl-phenylether

Concen: 0.342 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

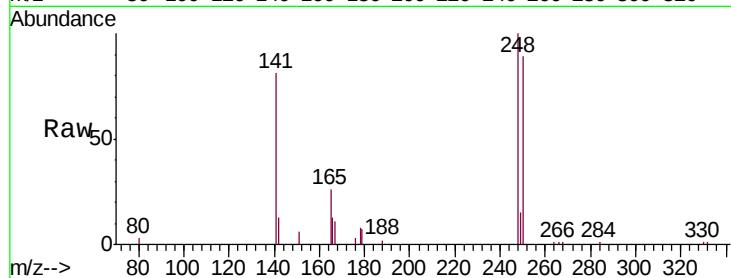
Tgt Ion:248 Resp: 10225

Ion Ratio Lower Upper

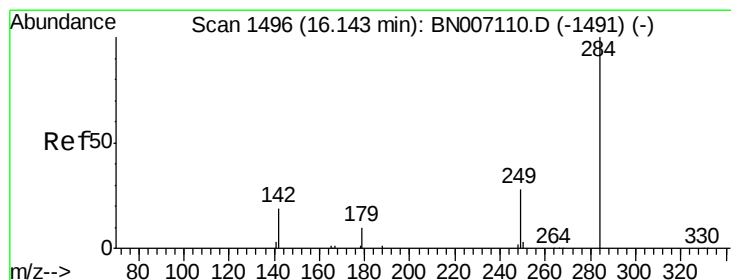
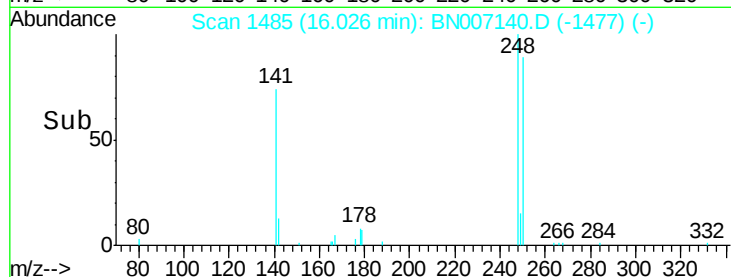
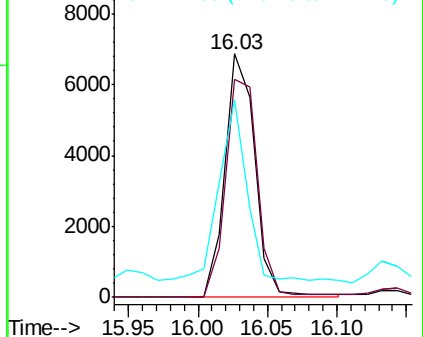
248 100

250 89.3 78.9 118.3

141 80.9 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: 0.316 ng

RT: 16.14 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

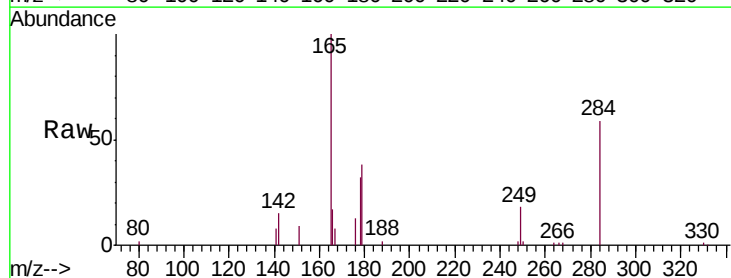
Tgt Ion:284 Resp: 9089

Ion Ratio Lower Upper

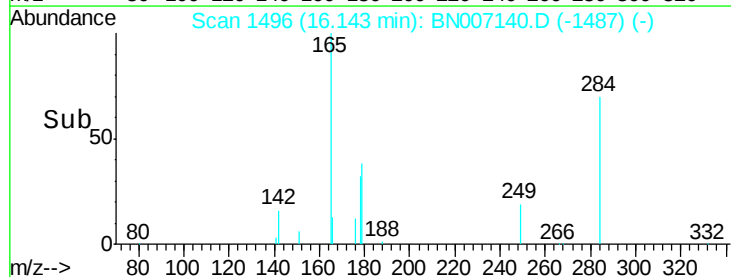
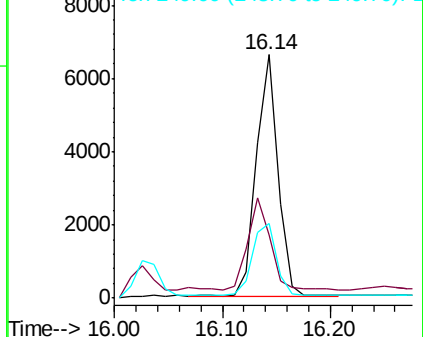
284 100

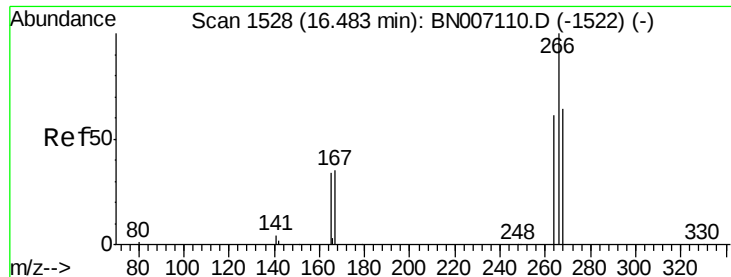
142 39.3 30.5 45.7

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

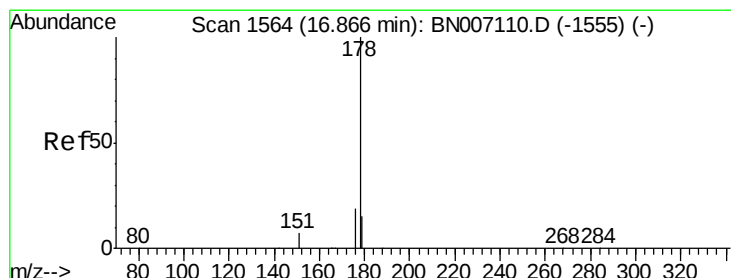
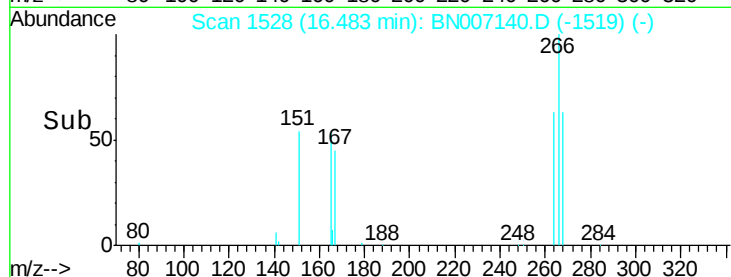
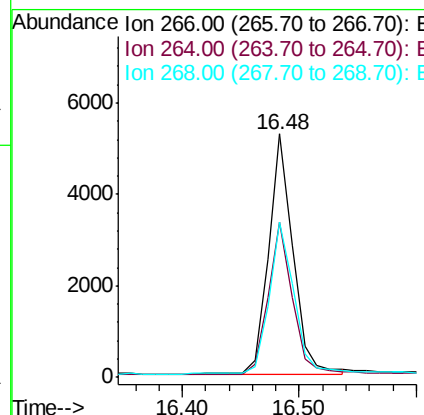
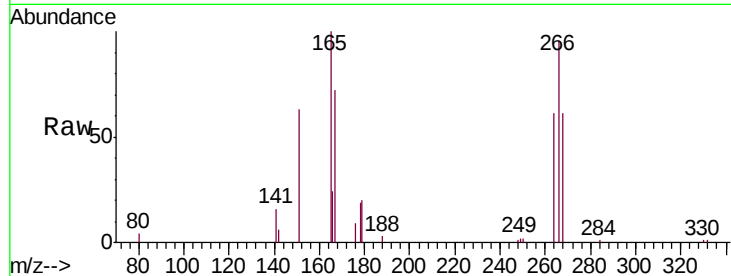




#21
 Pentachlorophenol
 Concen: 0.708 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BN007140.D
 Acq: 13 Aug 2019 20:07

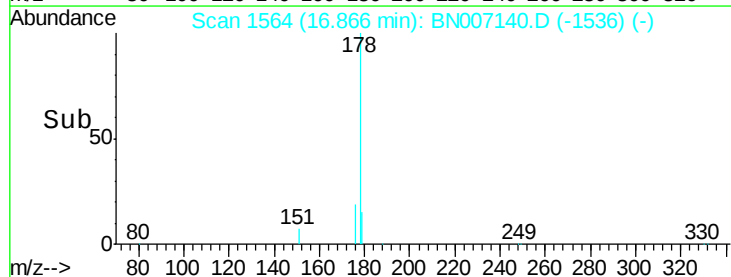
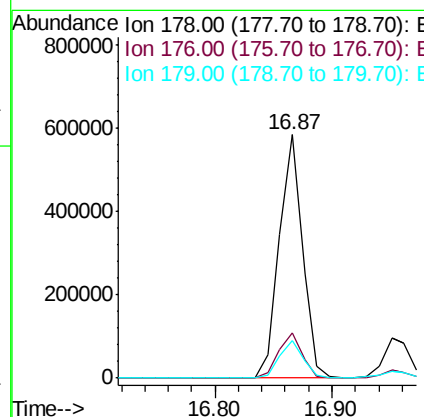
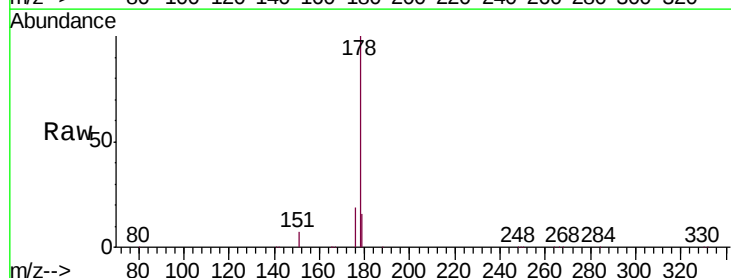
Instrument :
 BNA_N
 ClientSampleId :
 PST-016-SW112-073119-1MS

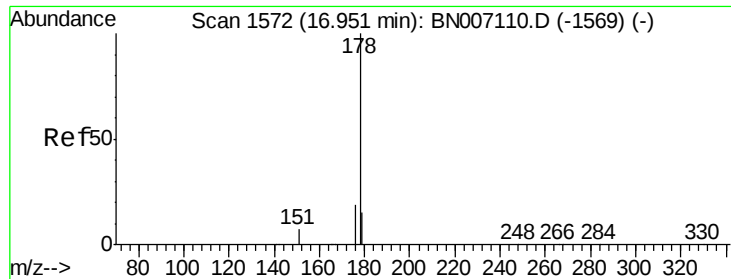
Tgt Ion: 266 Resp: 7602
 Ion Ratio Lower Upper
 266 100
 264 63.6 52.3 78.5
 268 63.6 51.5 77.3



#22
 Phenanthrene
 Concen: 5.575 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007140.D
 Acq: 13 Aug 2019 20:07

Tgt Ion: 178 Resp: 808720
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.7 12.3 18.5





#23

Anthracene

Concen: 1.075 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

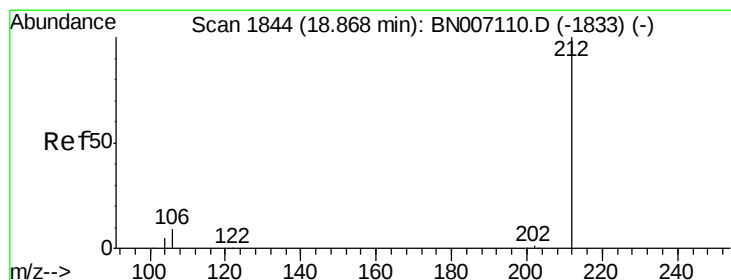
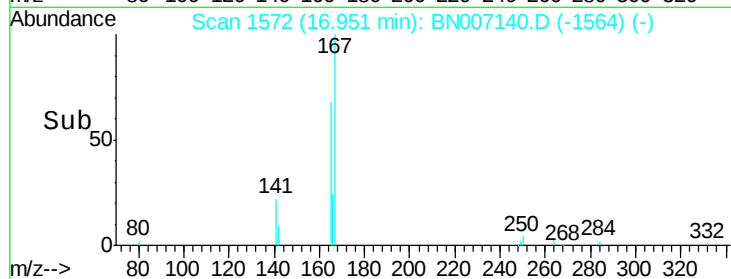
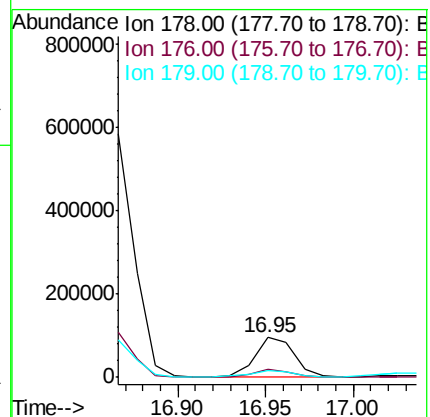
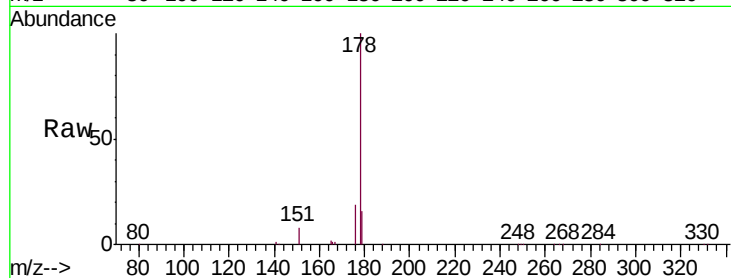
Tgt Ion:178 Resp: 142529

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 17.1 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.284 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

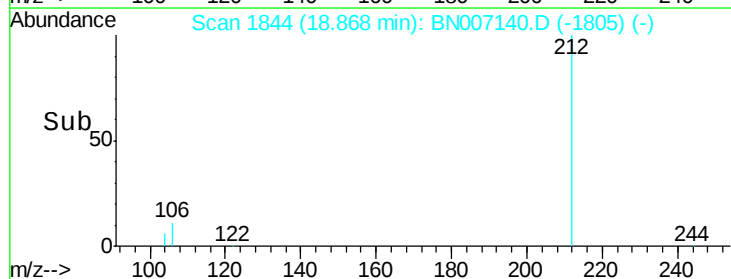
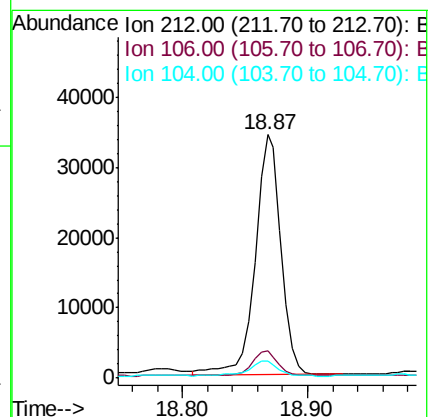
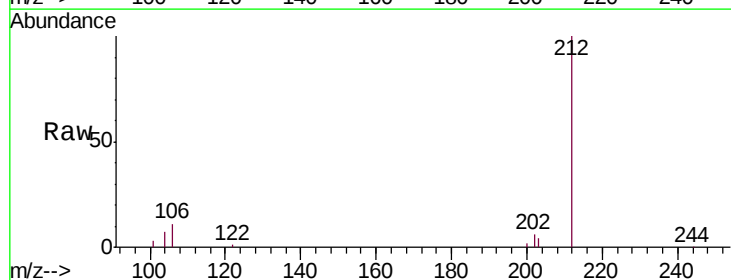
Tgt Ion:212 Resp: 48711

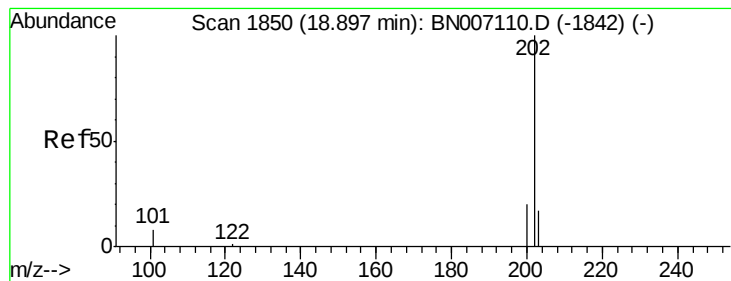
Ion Ratio Lower Upper

212 100

106 10.1 8.2 12.2

104 6.8 4.5 6.7#





#25

Fluoranthene

Concen: 4.521 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

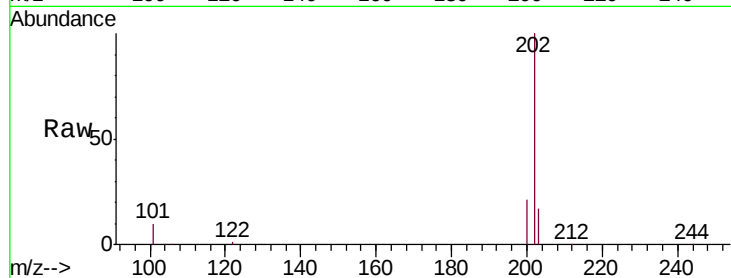
Tgt Ion:202 Resp: 838873

Ion Ratio Lower Upper

202 100

101 9.0 7.0 10.4

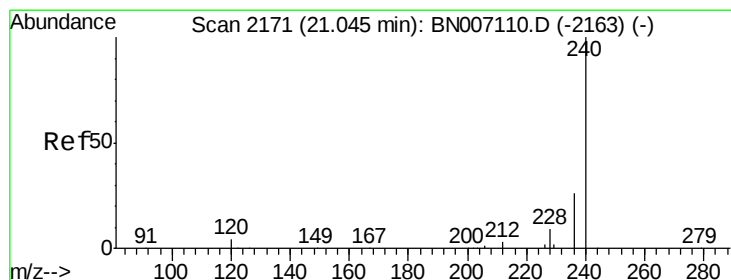
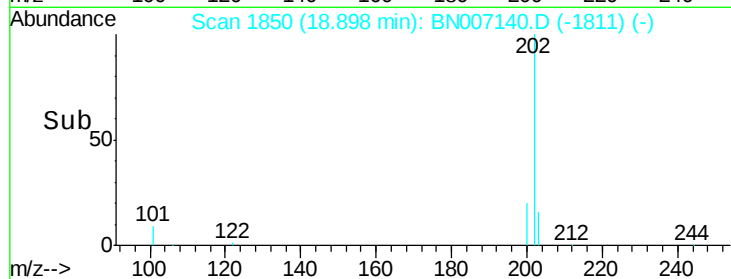
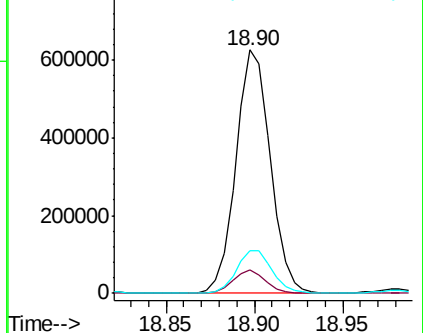
203 17.9 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

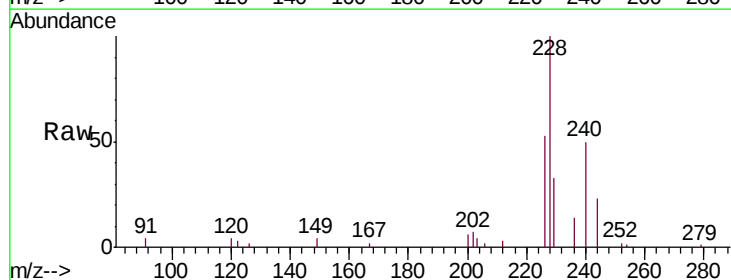
Tgt Ion:240 Resp: 47463

Ion Ratio Lower Upper

240 100

120 8.9 4.0 6.0#

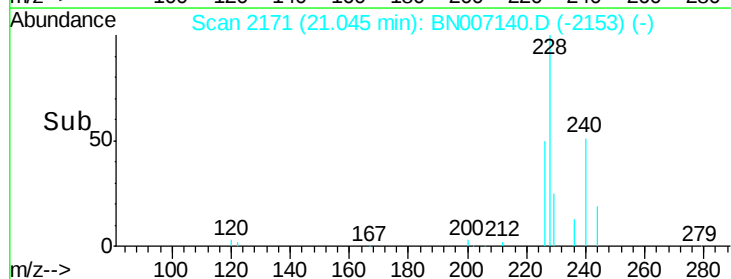
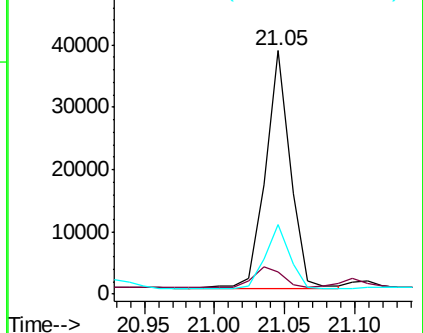
236 28.7 21.3 31.9

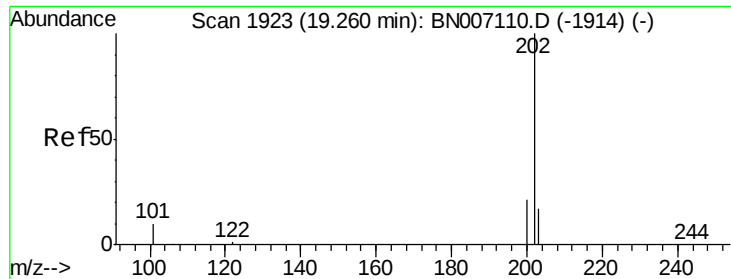


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

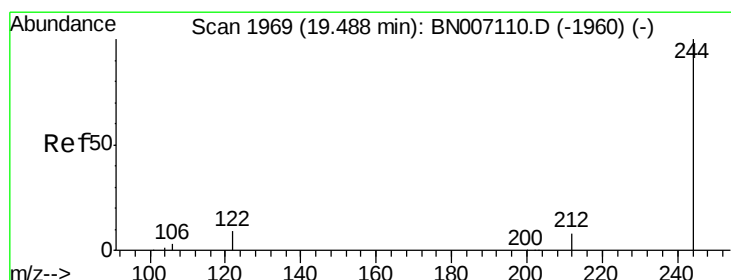
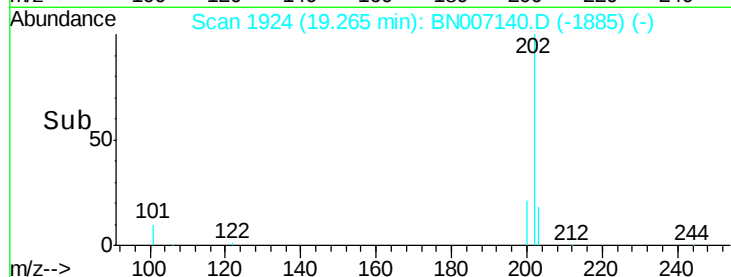
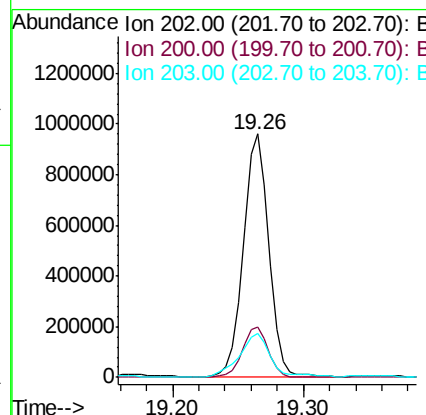
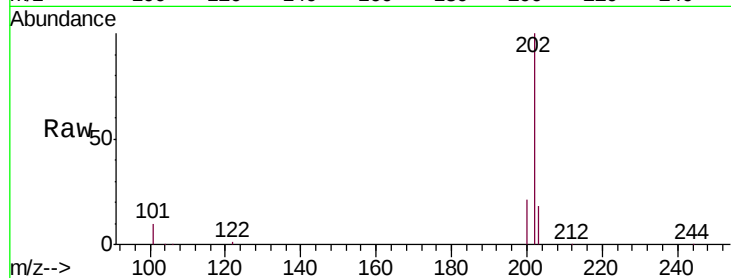




#27
 Pyrene
 Concen: 7.873 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: BN007140.D
 Acq: 13 Aug 2019 20:07

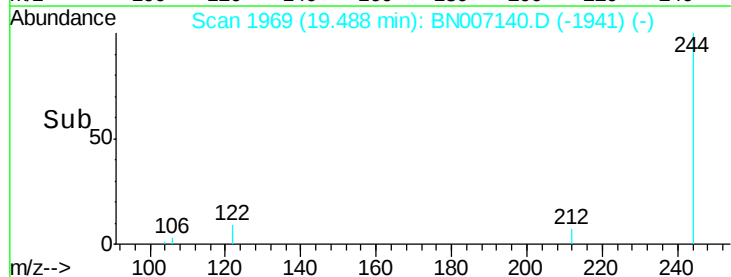
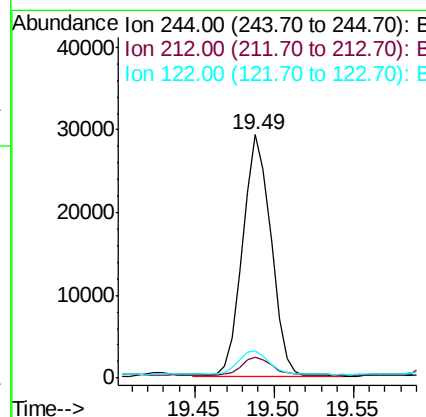
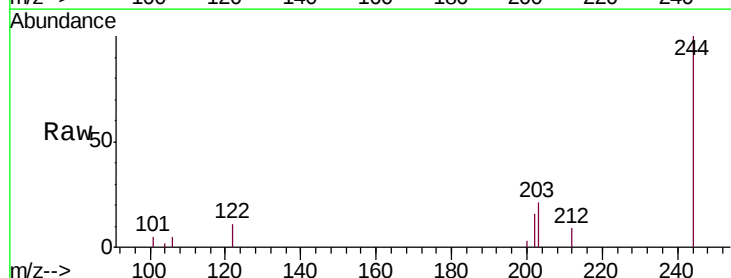
Instrument :
 BNA_N
 ClientSampleId :
 PST-016-SW112-073119-1MS

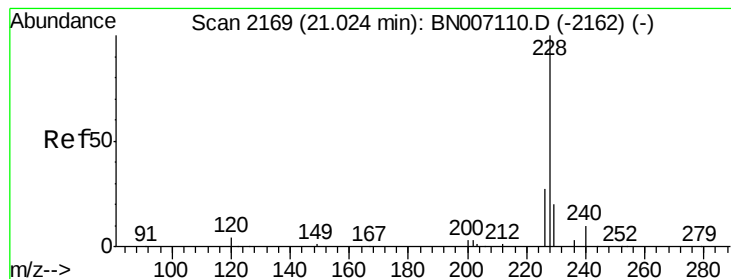
Tgt Ion:202 Resp: 1310513
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 24.8
 203 20.8 14.0 21.0



#28
 Terphenyl-d14
 Concen: 0.280 ng
 RT: 19.49 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BN007140.D
 Acq: 13 Aug 2019 20:07

Tgt Ion:244 Resp: 36229
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.2 9.2
 122 11.0 7.4 11.2





#29

Benzo(a)anthracene

Concen: 3.196 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

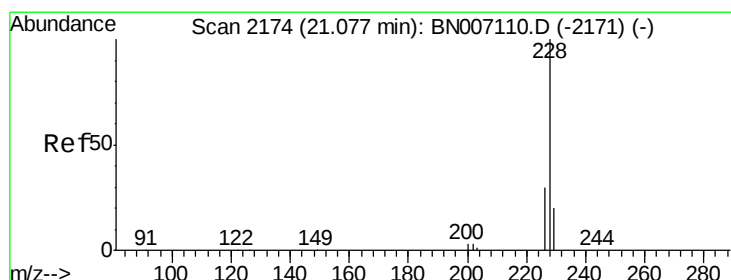
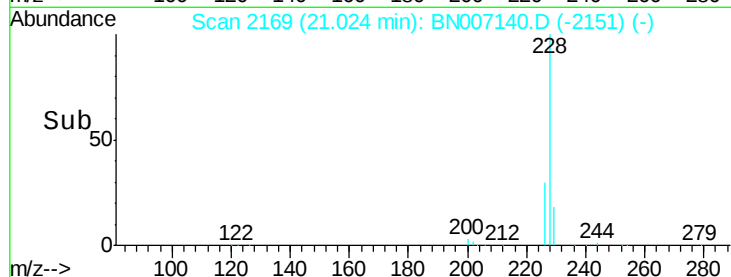
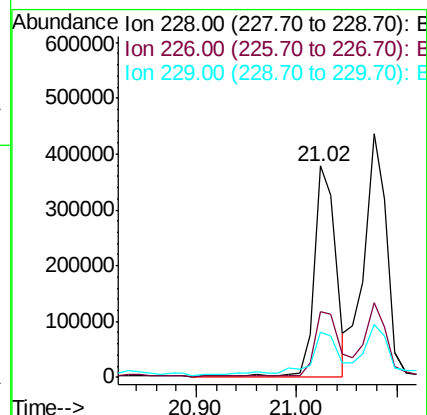
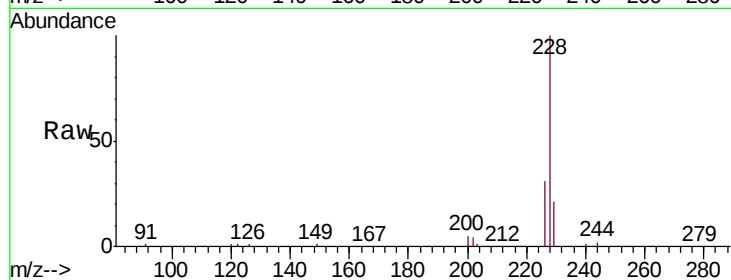
Tgt Ion:228 Resp: 554827

Ion Ratio Lower Upper

228 100

226 30.8 21.8 32.6

229 21.2 15.6 23.4



#30

Chrysene

Concen: 3.993 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

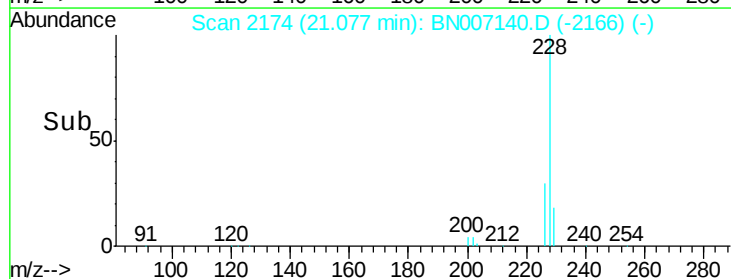
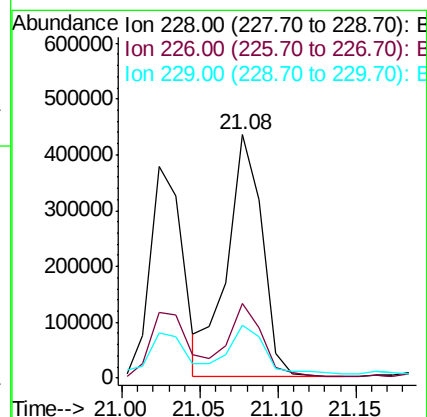
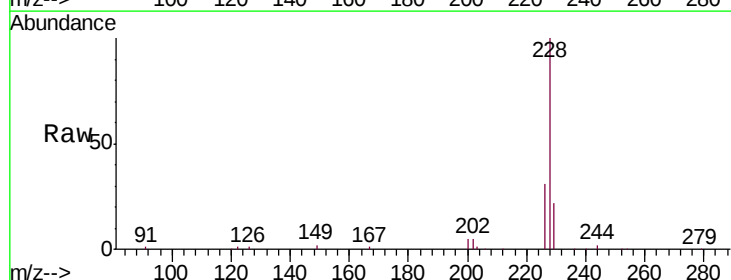
Tgt Ion:228 Resp: 673411

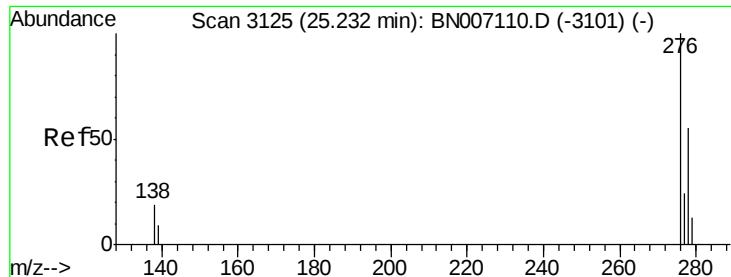
Ion Ratio Lower Upper

228 100

226 30.8 23.8 35.6

229 21.6 15.7 23.5





#31

Indeno(1,2,3-cd)pyrene

Concen: 1.612 ng

RT: 25.24 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

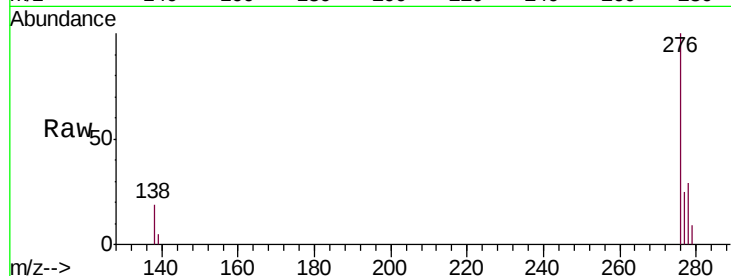
Tgt Ion:276 Resp: 299678

Ion Ratio Lower Upper

276 100

138 19.2 16.0 24.0

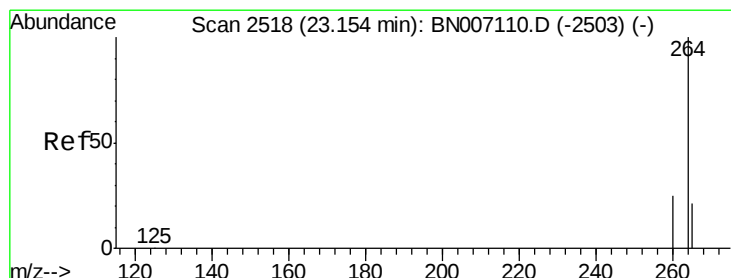
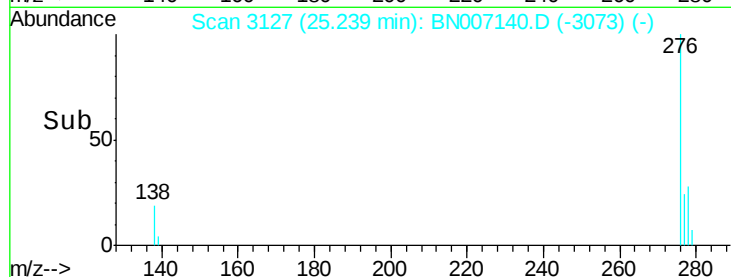
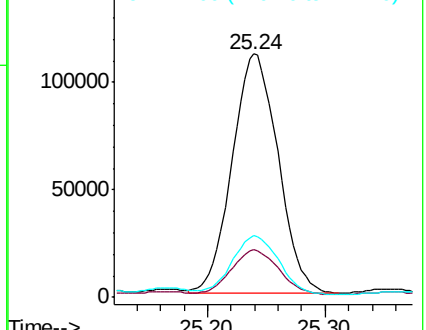
277 25.0 19.9 29.9



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: 23.16 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

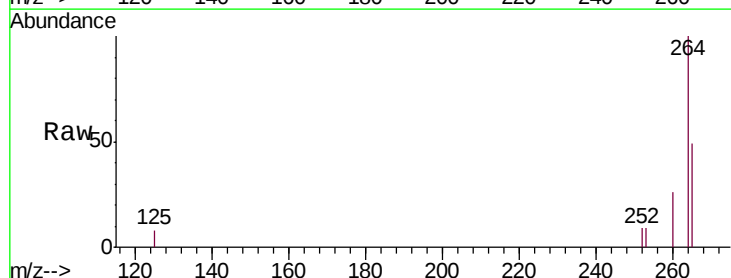
Tgt Ion:264 Resp: 53618

Ion Ratio Lower Upper

264 100

260 26.1 19.8 29.8

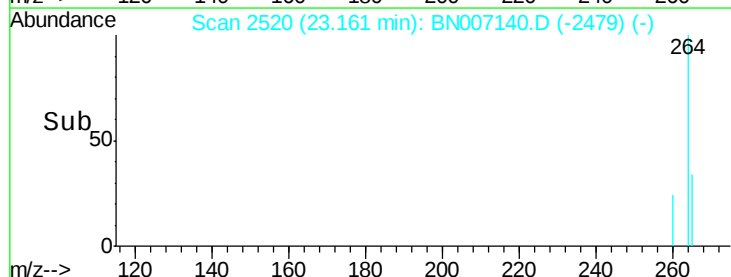
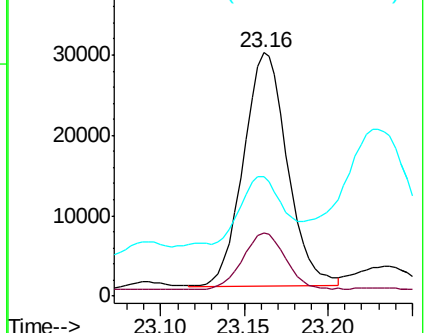
265 49.1 26.2 39.4#

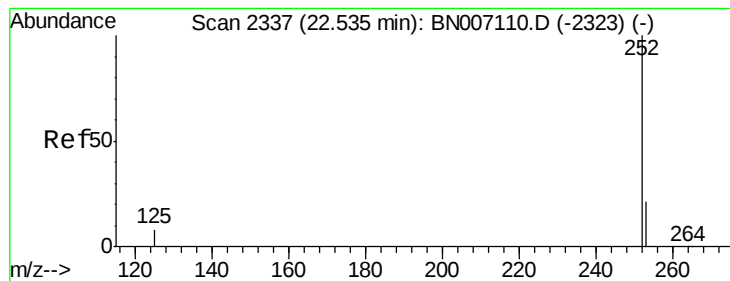


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 2.982 ng

RT: 22.54 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

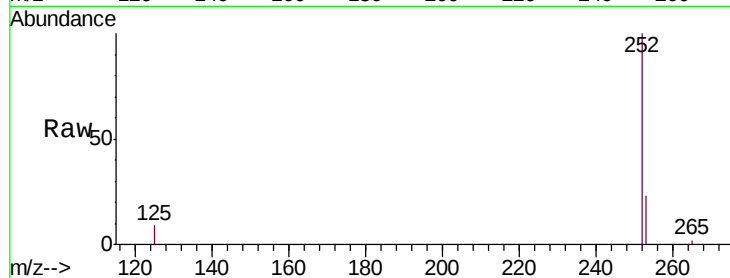
Tgt Ion:252 Resp: 548244

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

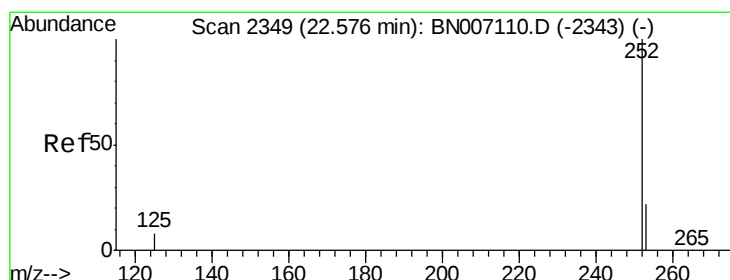
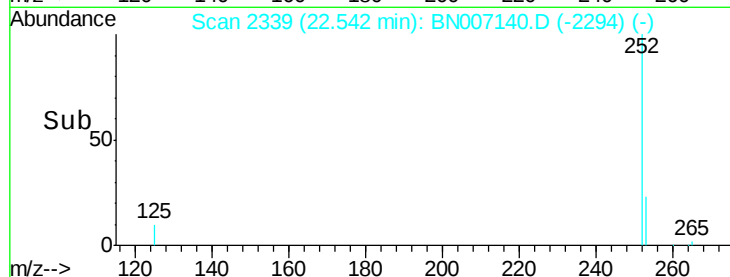
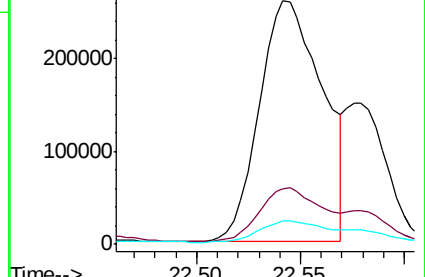
125 9.4 7.4 11.0



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: 1.102 ng m

RT: 22.58 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

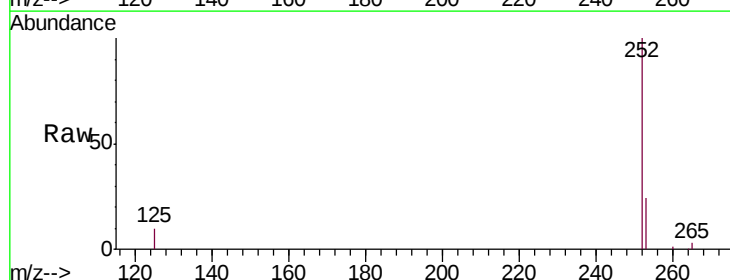
Tgt Ion:252 Resp: 200082

Ion Ratio Lower Upper

252 100

253 23.6 18.1 27.1

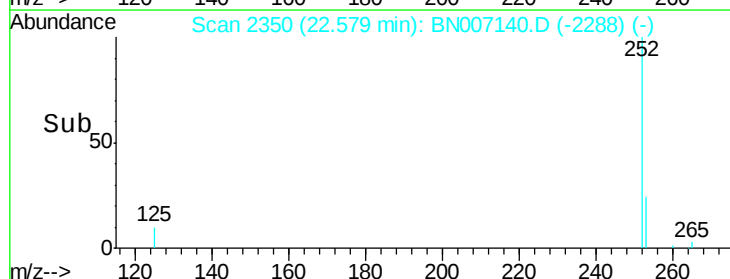
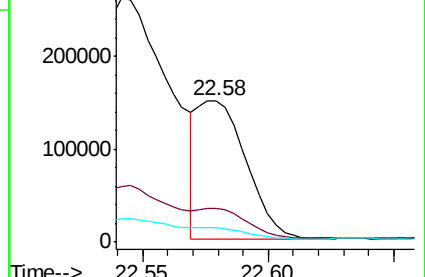
125 9.8 7.4 11.0

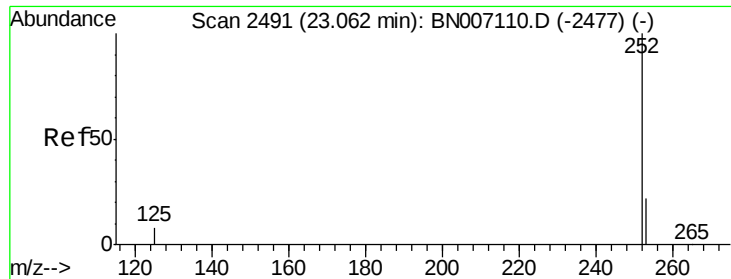


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 2.811 ng

RT: 23.07 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

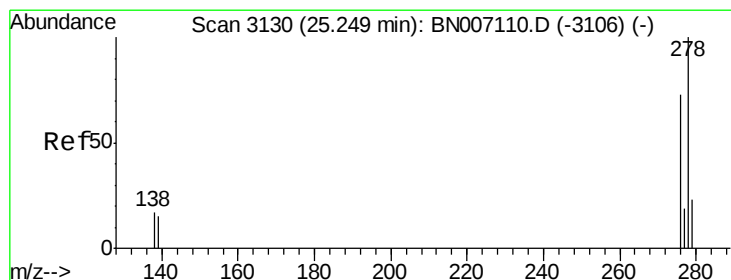
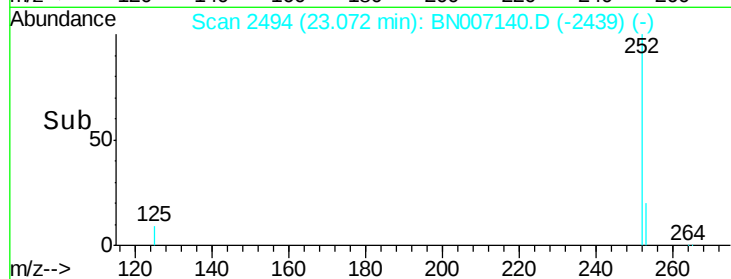
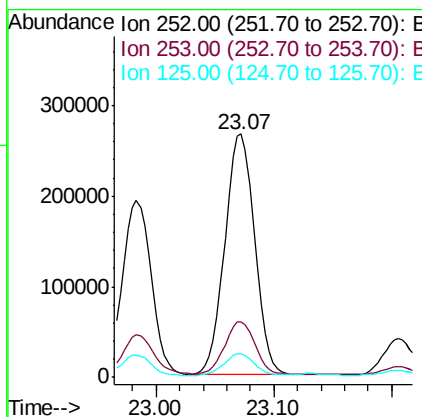
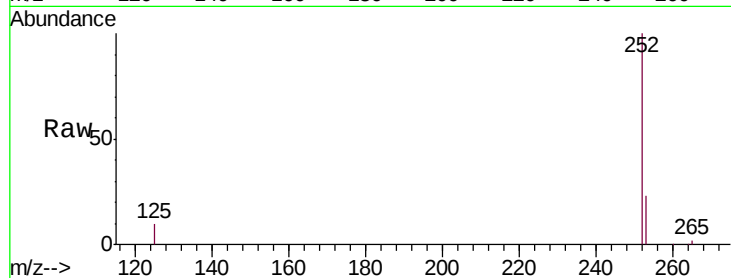
Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

Tgt Ion:	252	Resp:	468485
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.5	27.7
125	9.6	8.2	12.4



#36

Dibenzo(a,h)anthracene

Concen: 0.733 ng

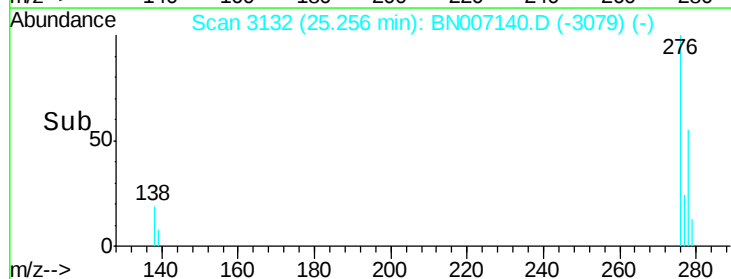
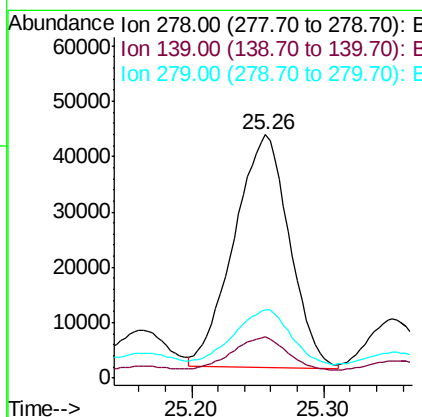
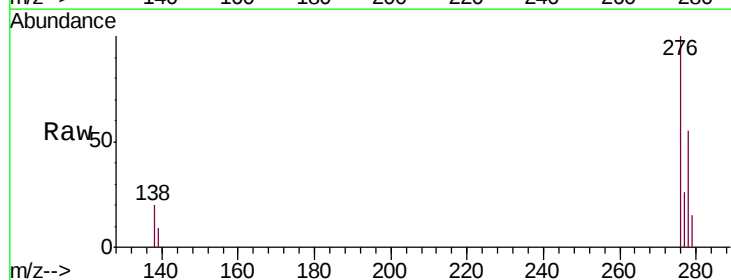
RT: 25.26 min Scan# 3132

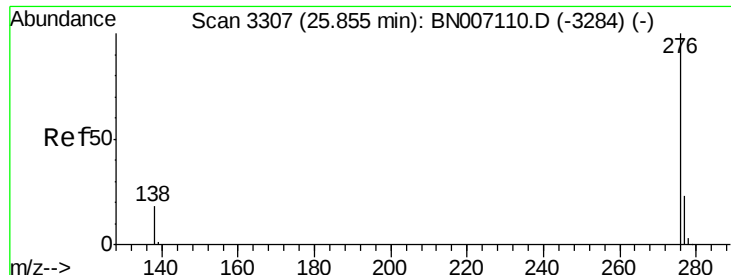
Delta R.T. -0.02 min

Lab File: BN007140.D

Acq: 13 Aug 2019 20:07

Tgt Ion:	278	Resp:	121975
Ion Ratio	Lower	Upper	
278	100		
139	16.9	11.3	16.9
279	28.2	19.3	28.9





#37

Benzo(g,h,i)perylene

Concen: 1.958 ng

RT: 25.87 min Scan# 3312

Delta R.T. -0.01 min

Lab File: BN007140.D

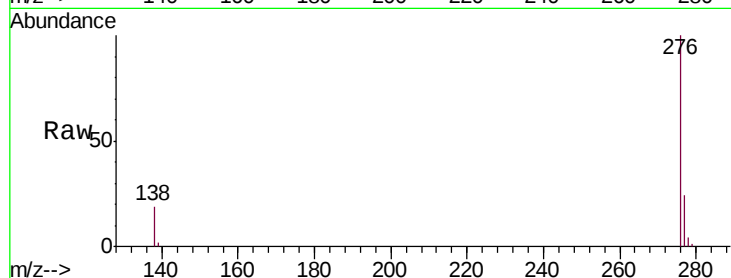
Acq: 13 Aug 2019 20:07

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS



Tgt Ion: 276 Resp: 334873

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 19.0 14.6 22.0

