

Data File : BN007339.D
Acq On : 23 Aug 2019 22:37
Operator : HP/JU
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Aug 24 00:18:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3788	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	15608	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	8412	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	18826	0.40	ng	0.00
27) Chrysene-d12	21.02	240	17860	0.40	ng	0.00
34) Perylene-d12	23.12	264	19369	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	62157	5.21	ng	0.00
5) Phenol-d6	6.59	99	78707	5.13	ng	0.00
8) Nitrobenzene-d5	8.53	82	70362	5.82	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	133540	4.98	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	22710	4.82	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	178035	4.99	ng	0.00
25) Fluoranthene-d10	18.85	212	305897	5.09	ng	0.00
29) Terphenyl-d14	19.46	244	239151	5.31	ng	0.00

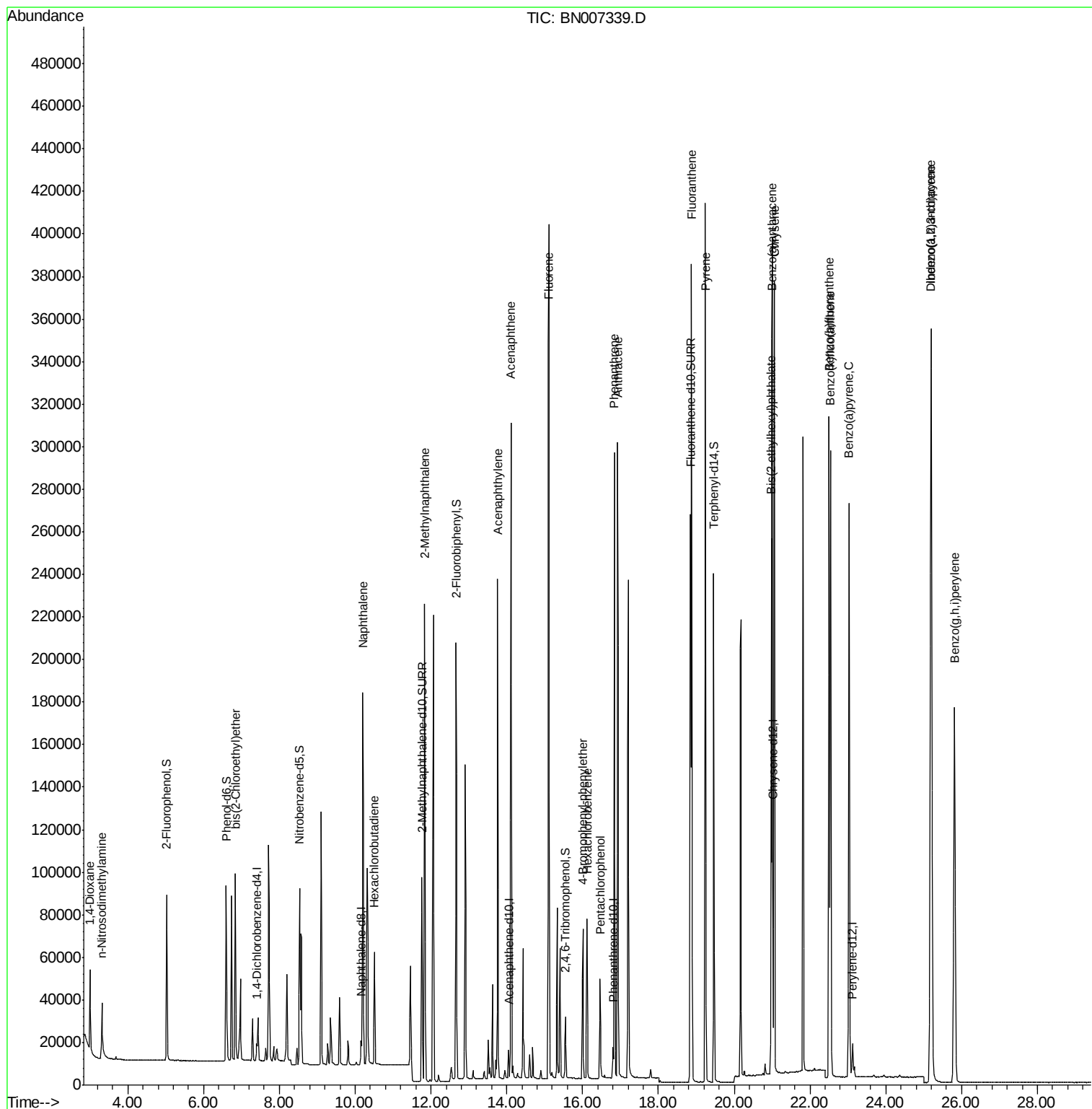
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	29200	5.235	ng	# 84
3) n-Nitrosodimethylamine	3.30	42	16939	4.786	ng	92
6) bis(2-Chloroethyl)ether	6.84	93	67161	5.846	ng	99
9) Naphthalene	10.20	128	226350	5.123	ng	# 90
10) Hexachlorobutadiene	10.51	225	45041	4.673	ng	# 99
12) 2-Methylnaphthalene	11.83	142	155405	5.073	ng	97
16) Acenaphthylene	13.76	152	256019	5.623	ng	99
17) Acenaphthene	14.11	154	150465	5.278	ng	97
18) Fluorene	15.10	166	192275	5.178	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	19984	1.921	ng	# 86
21) Hexachlorobenzene	16.12	284	64974	5.222	ng	98
22) Pentachlorophenol	16.46	266	23504	4.815	ng	# 63
23) Phenanthrene	16.84	178	299845	5.124	ng	99
24) Anthracene	16.93	178	299196	5.565	ng	100
26) Fluoranthene	18.88	202	353537	4.921	ng	99
28) Pyrene	19.24	202	360555	5.343	ng	100
30) Benzo(a)anthracene	21.01	228	362542	5.401	ng	99
31) Chrysene	21.06	228	351955	5.180	ng	98
32) Bis(2-ethylhexyl)phthalate	20.97	149	231671	7.648	ng	98
33) Indeno(1,2,3-cd)pyrene	25.19	276	420391	5.152	ng	99
35) Benzo(b)fluoranthene	22.50	252	366085	5.082	ng	# 93
36) Benzo(k)fluoranthene	22.55	252	353062	5.006	ng	# 90
37) Benzo(a)pyrene	23.03	252	342154	5.217	ng	# 91
38) Dibenzo(a,h)anthracene	25.21	278	341358	5.010	ng	# 94
39) Benzo(g,h,i)perylene	25.81	276	340959	4.961	ng	96

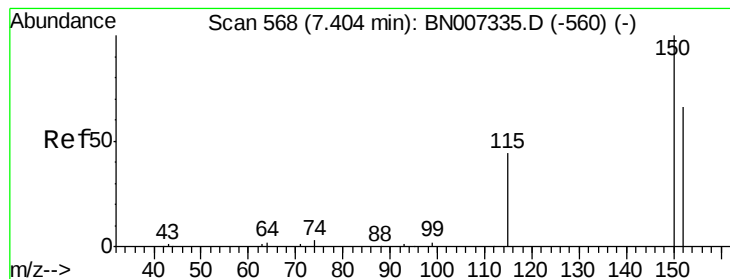
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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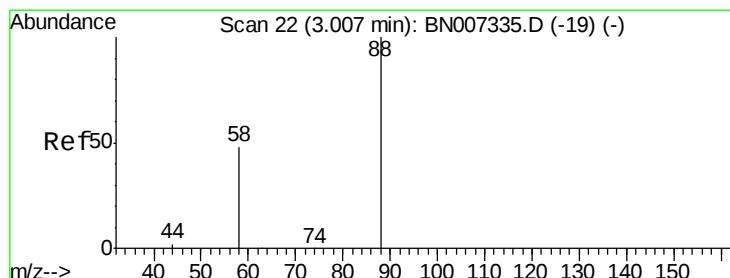
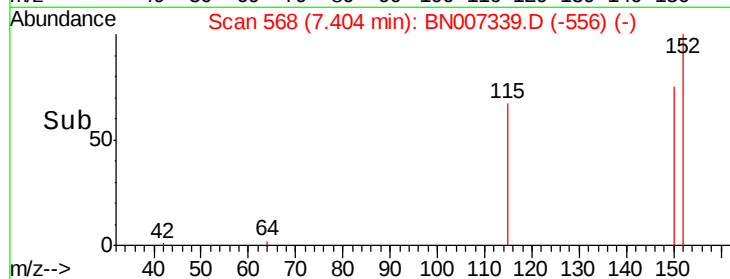
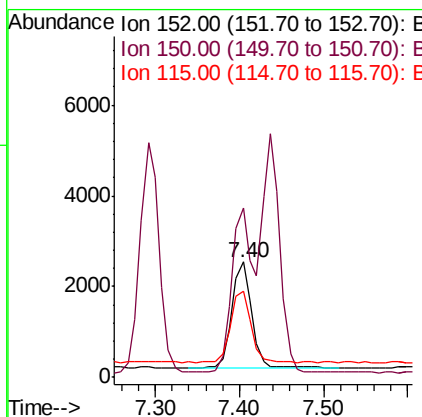
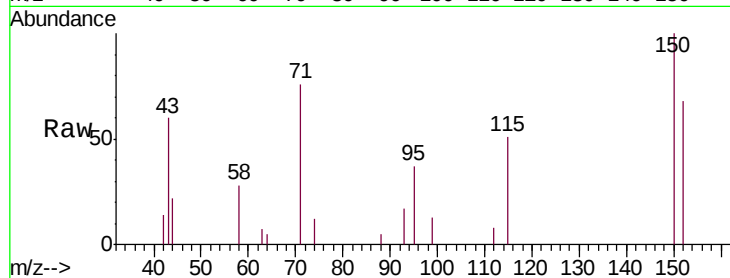


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.00 min
Lab File: BN007339.D
Acq: 23 Aug 2019 22:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

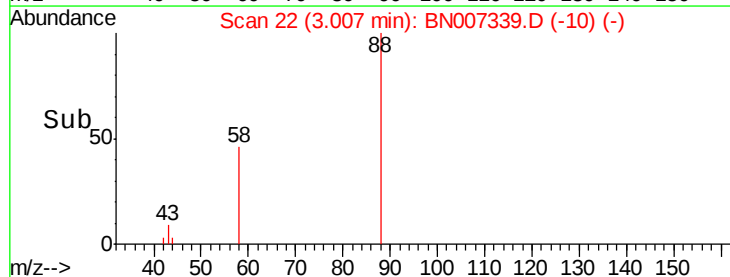
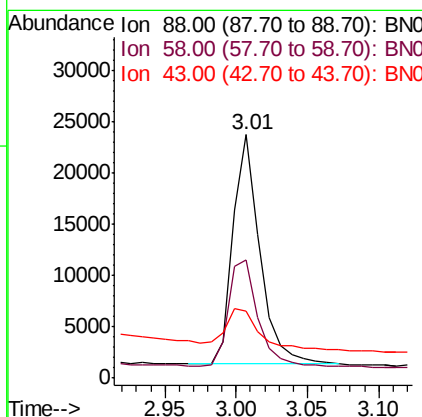
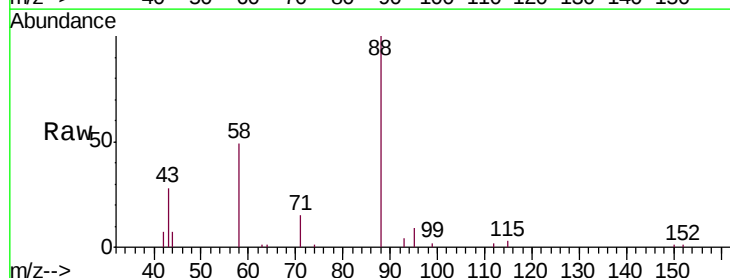
Tgt Ion:152 Resp: 3788
Ion Ratio Lower Upper
152 100
150 147.1 109.1 163.7
115 75.3 59.6 89.4



#2

1,4-Dioxane
Concen: 5.235 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007339.D
Acq: 23 Aug 2019 22:37

Tgt Ion: 88 Resp: 29200
Ion Ratio Lower Upper
88 100
58 50.5 50.5 75.7#
43 23.5 0.0 0.0#





#3

n-Nitrosodimethylamine

Concen: 4.786 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.02 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

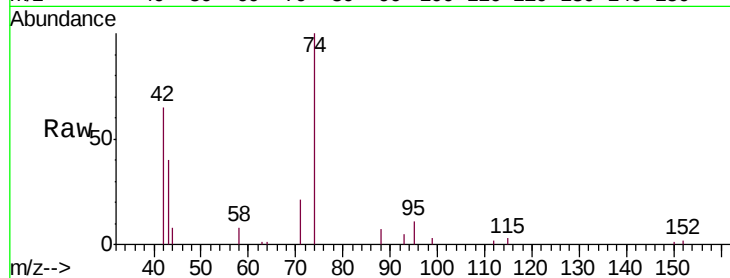
Tgt Ion: 42 Resp: 16939

Ion Ratio Lower Upper

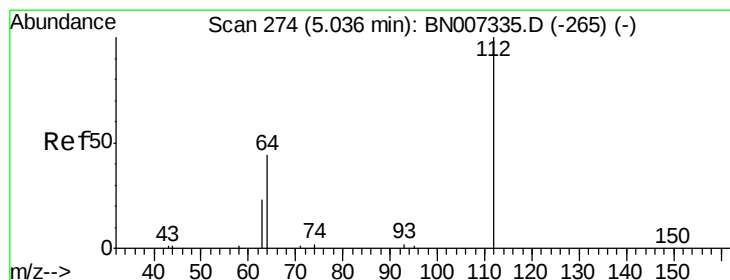
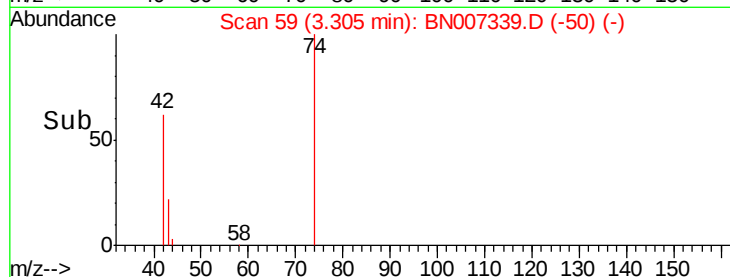
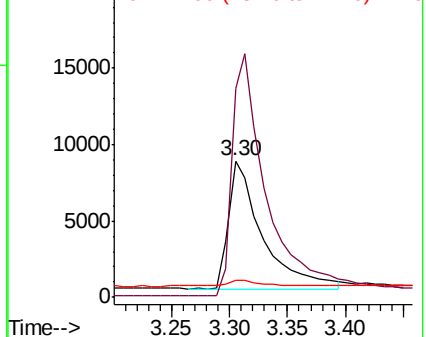
42 100

74 193.2 144.7 217.1

44 4.4 3.2 4.8



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 5.212 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

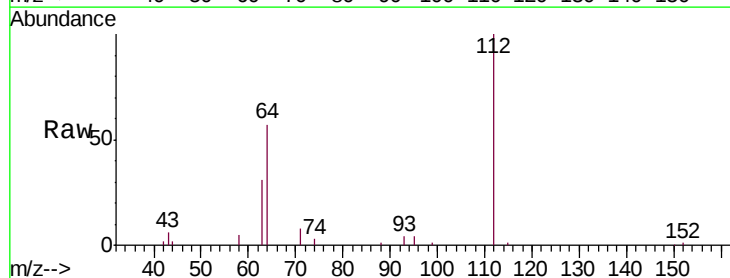
Tgt Ion: 112 Resp: 62157

Ion Ratio Lower Upper

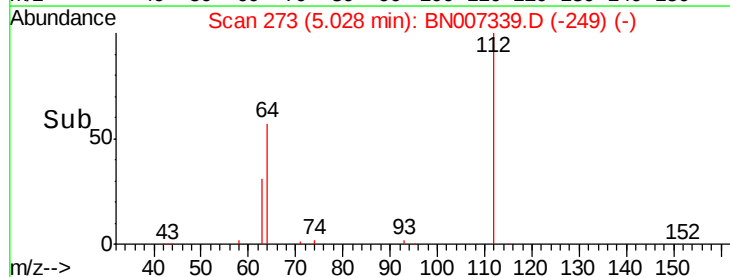
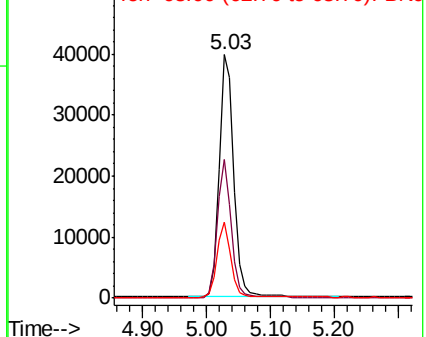
112 100

64 54.6 42.3 63.5

63 29.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 5.134 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

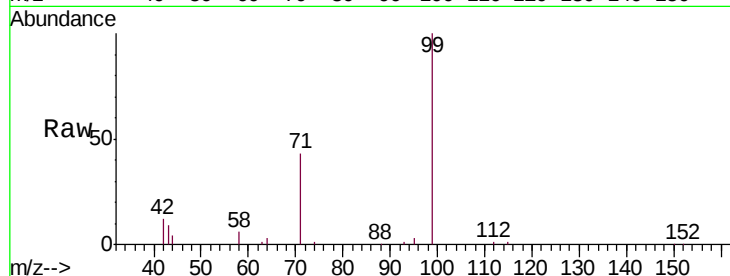
Tgt Ion: 99 Resp: 78707

Ion Ratio Lower Upper

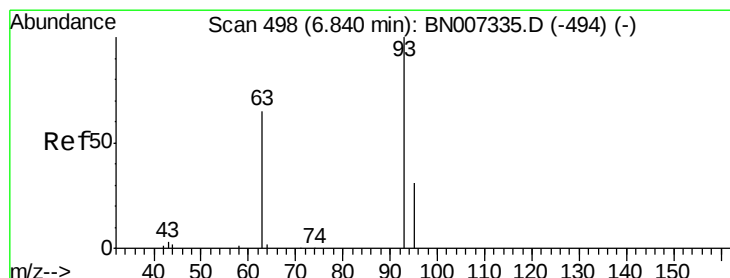
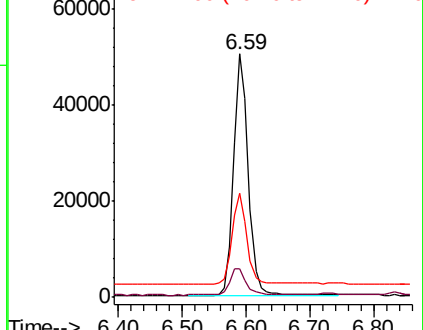
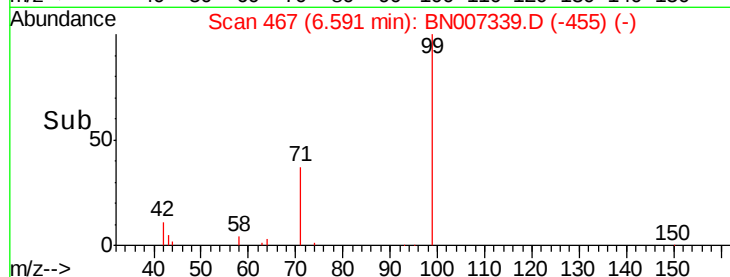
99 100

42 12.3 11.2 16.8

71 37.0 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007339.D (-455) (-)



#6

bis(2-Chloroethyl)ether

Concen: 5.846 ng

RT: 6.84 min Scan# 498

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

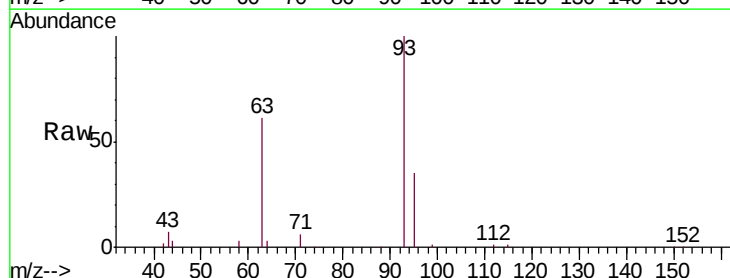
Tgt Ion: 93 Resp: 67161

Ion Ratio Lower Upper

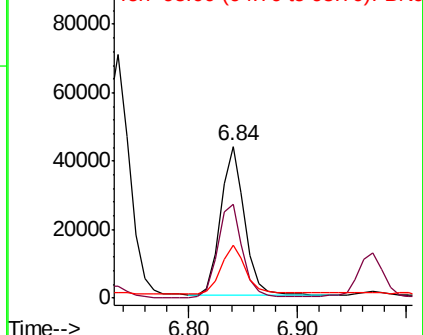
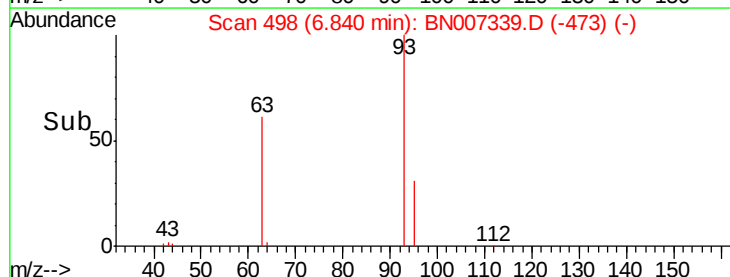
93 100

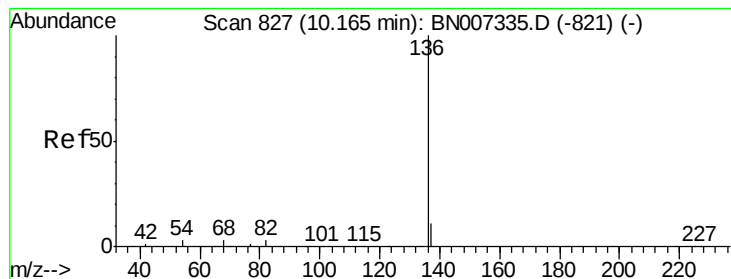
63 65.1 51.9 77.9

95 32.7 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007339.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:136 Resp: 15608

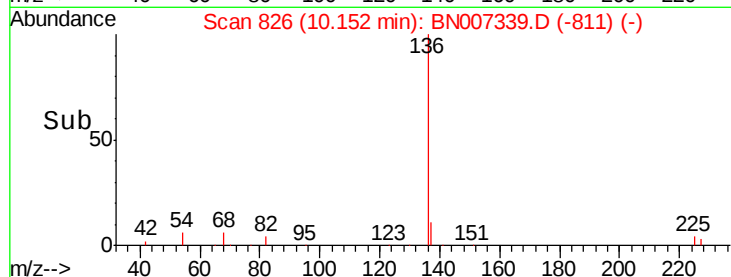
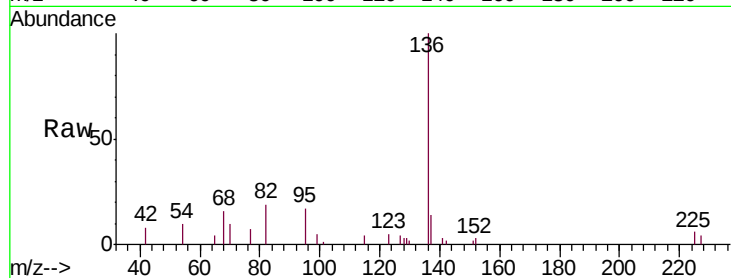
Ion Ratio Lower Upper

136 100

137 13.7 12.9 19.3

54 10.2 8.6 12.8

68 15.8 17.0 25.4#



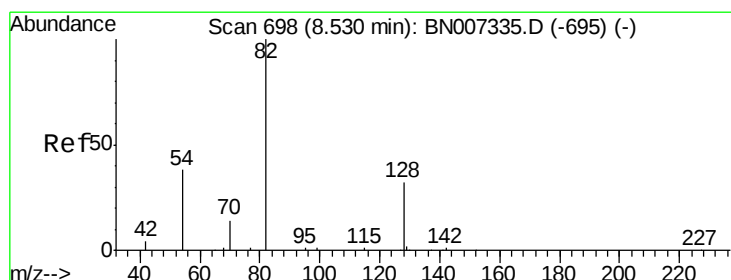
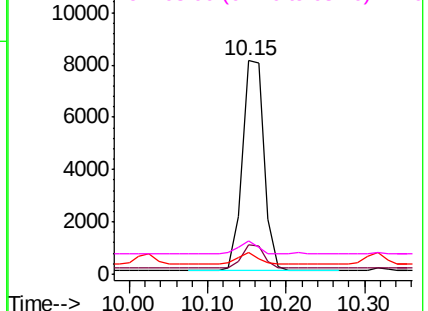
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 5.818 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

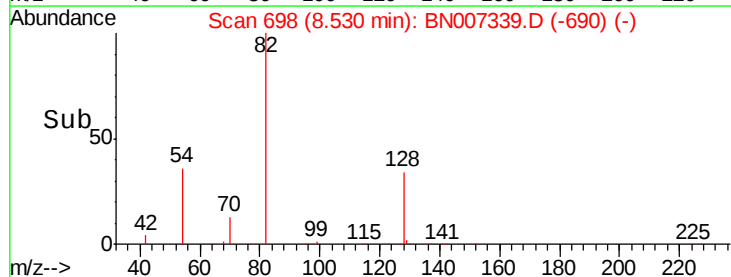
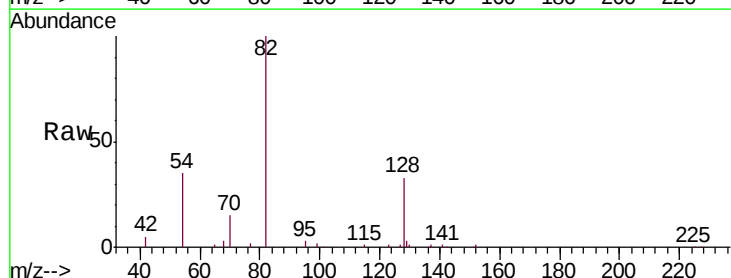
Tgt Ion: 82 Resp: 70362

Ion Ratio Lower Upper

82 100

128 33.5 19.7 29.5#

54 35.4 25.8 38.6

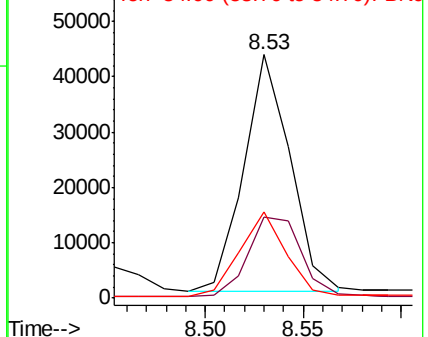


Abundance

Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 5.123 ng

RT: 10.20 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

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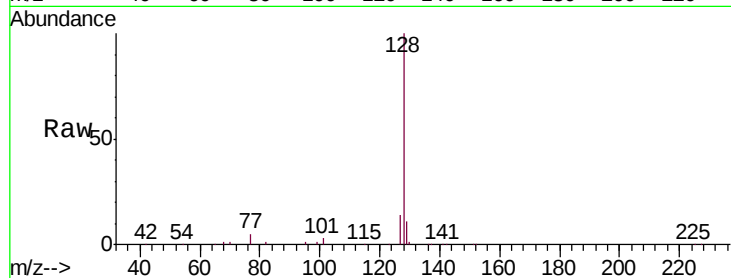
Tgt Ion:128 Resp: 226350

Ion Ratio Lower Upper

128 100

129 11.0 11.1 16.7#

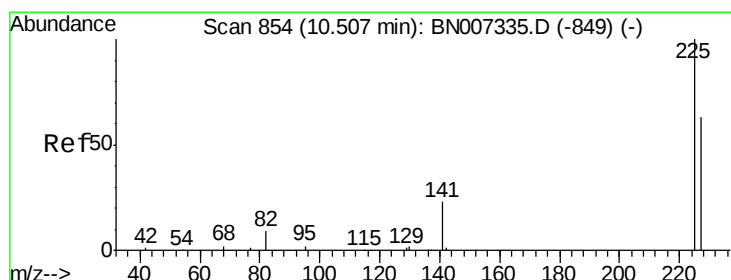
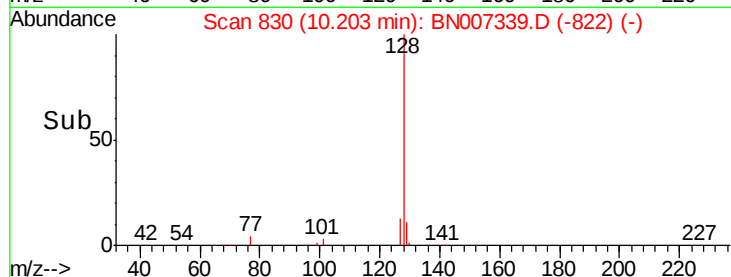
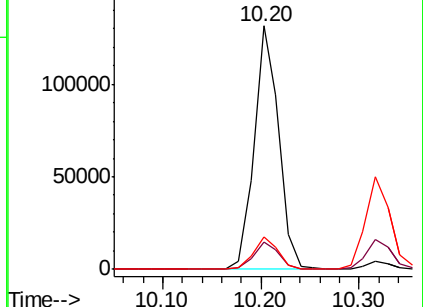
127 13.5 15.5 23.3#



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



#10

Hexachlorobutadiene

Concen: 4.673 ng

RT: 10.51 min Scan# 854

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

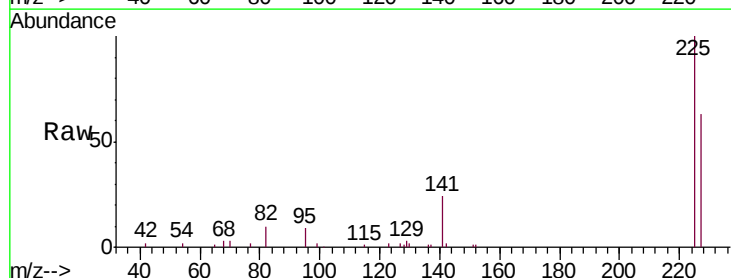
Tgt Ion:225 Resp: 45041

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

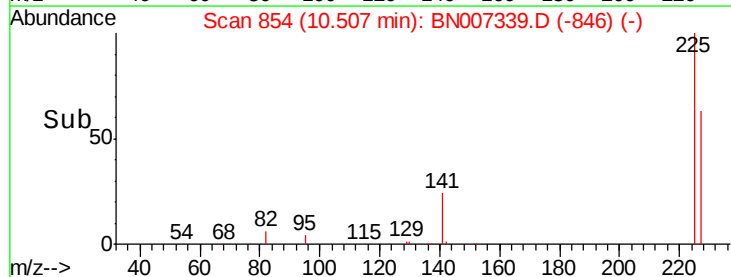
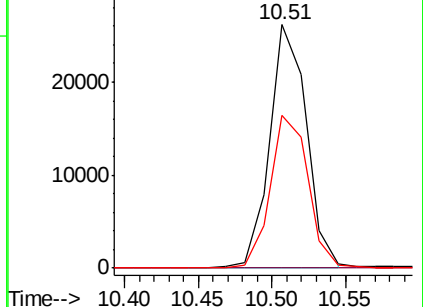
227 64.5 50.7 76.1



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





#11

2-Methylnaphthalene-d10

Concen: 4.983 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

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ClientSampleId :

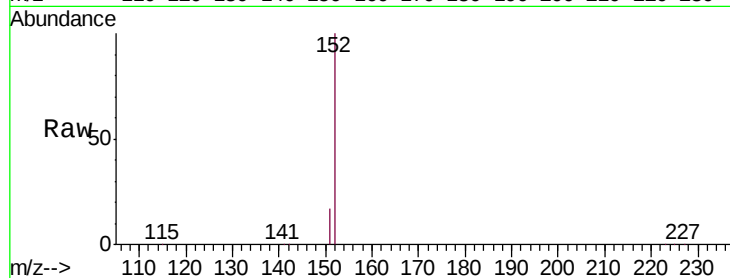
SSTDICC5.0

Tgt Ion:152 Resp: 133540

Ion Ratio Lower Upper

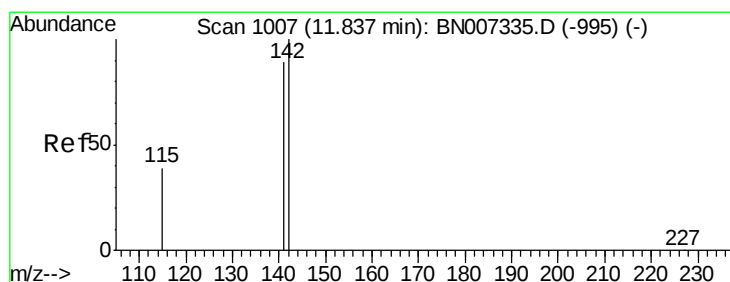
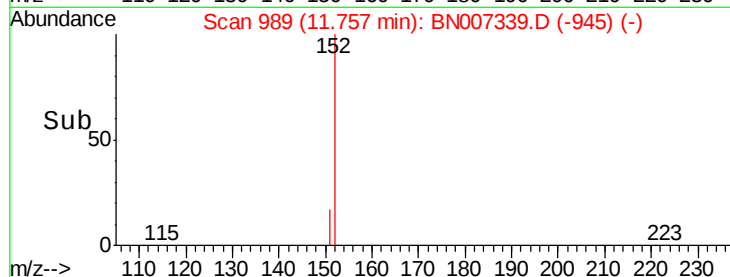
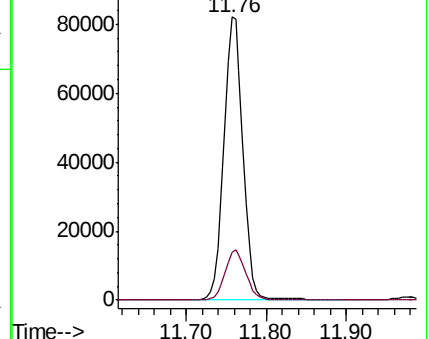
152 100

151 19.0 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 5.073 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

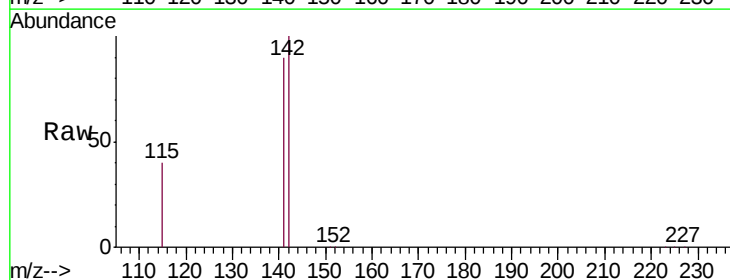
Tgt Ion:142 Resp: 155405

Ion Ratio Lower Upper

142 100

141 89.6 72.8 109.2

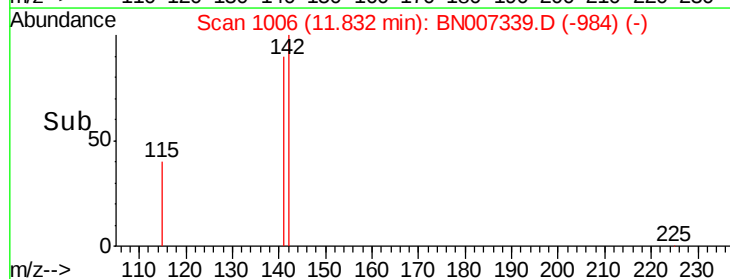
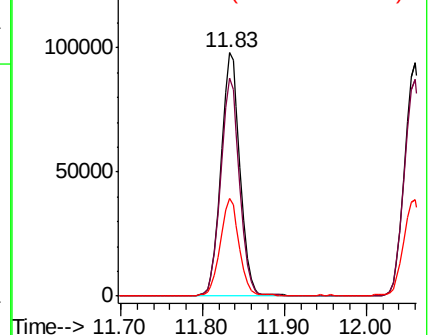
115 40.2 35.2 52.8



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

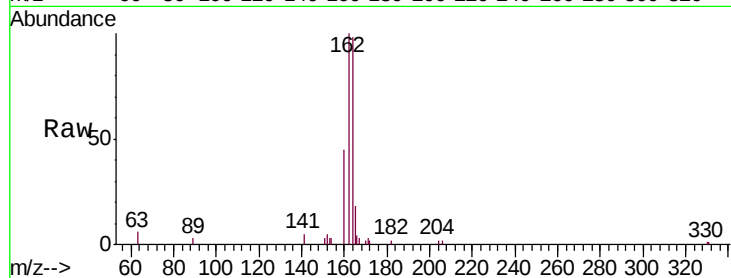
Tgt Ion:164 Resp: 8412

Ion Ratio Lower Upper

164 100

162 102.5 83.5 125.3

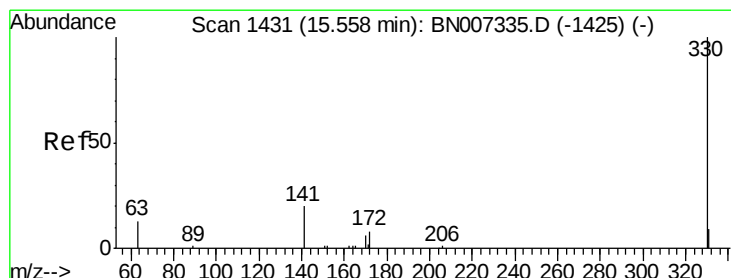
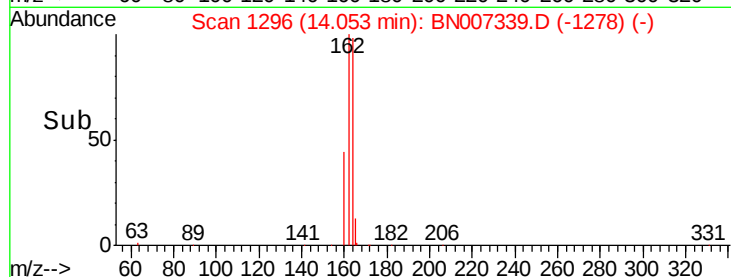
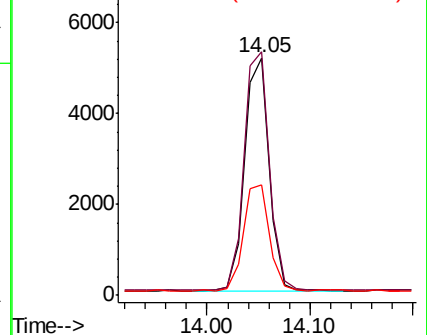
160 46.4 38.2 57.4



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



#14

2,4,6-Tribromophenol

Concen: 4.821 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

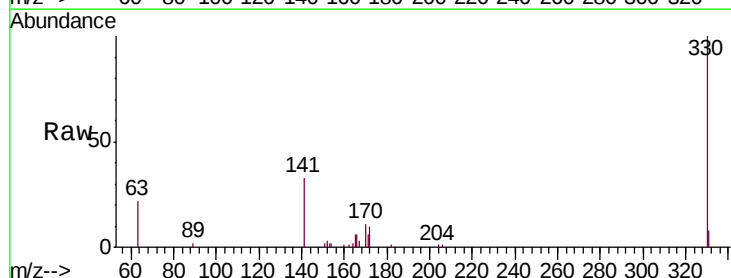
Tgt Ion:330 Resp: 22710

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

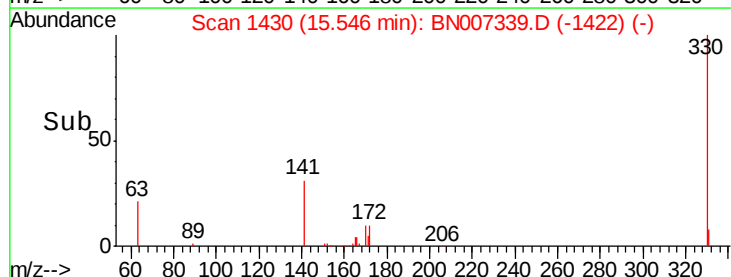
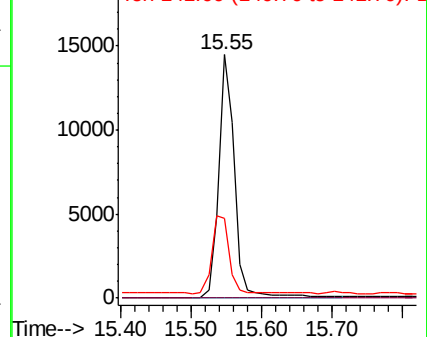
141 34.9 26.9 40.3



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

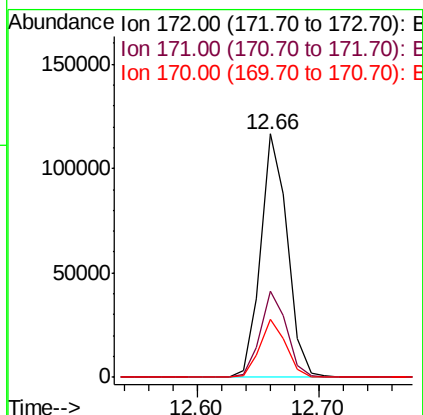
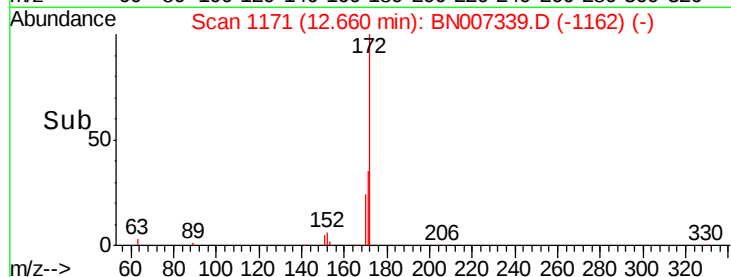
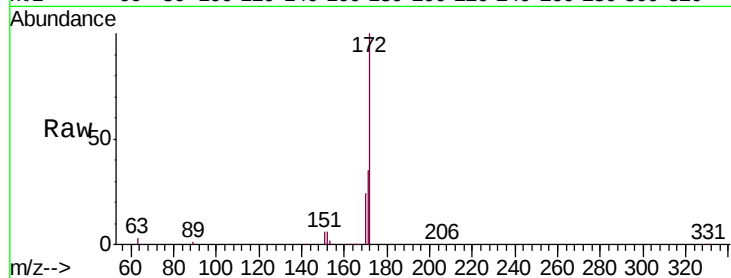




#15
2-Fluorobiphenyl
Concen: 4.989 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007339.D
Acq: 23 Aug 2019 22:37

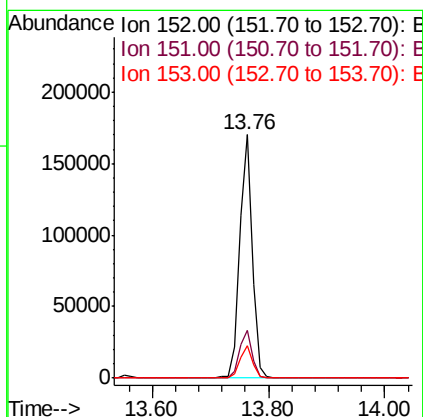
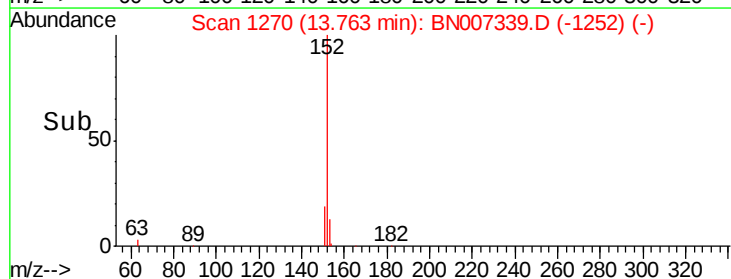
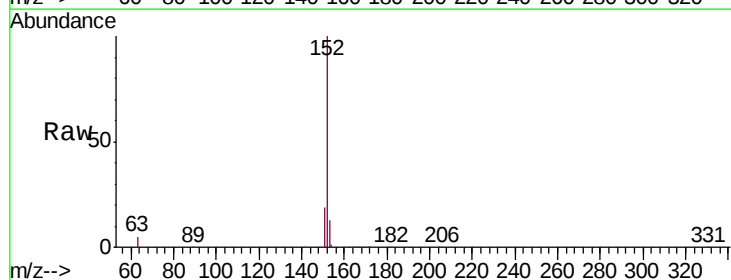
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.3	45.5
170	23.7	20.7	31.1



#16
Acenaphthylene
Concen: 5.623 ng
RT: 13.76 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BN007339.D
Acq: 23 Aug 2019 22:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.0	10.6	15.8





#17

Acenaphthene

Concen: 5.278 ng

RT: 14.11 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

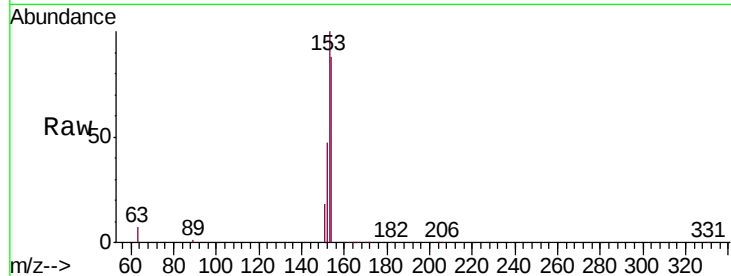
Tgt Ion:154 Resp: 150465

Ion Ratio Lower Upper

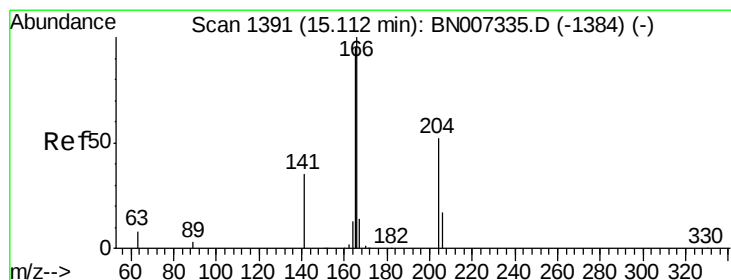
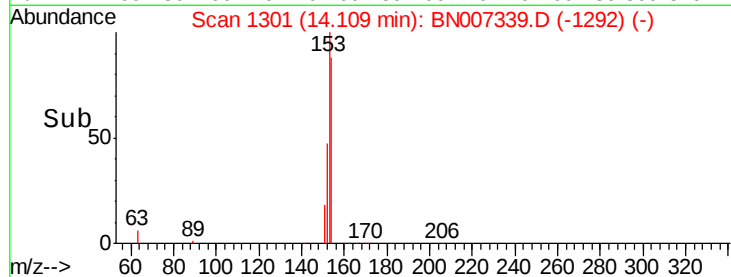
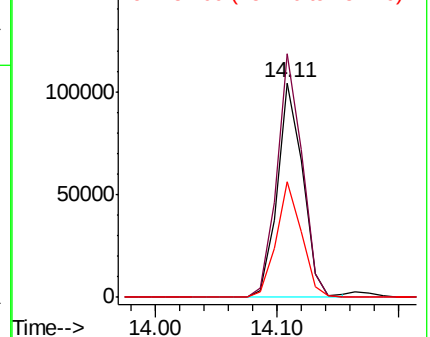
154 100

153 112.9 92.8 139.2

152 52.9 43.8 65.8



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



#18

Fluorene

Concen: 5.178 ng

RT: 15.10 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

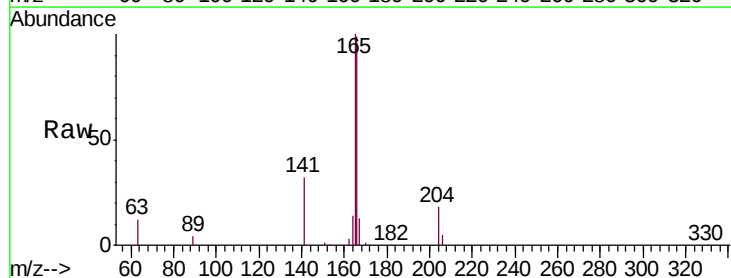
Tgt Ion:166 Resp: 192275

Ion Ratio Lower Upper

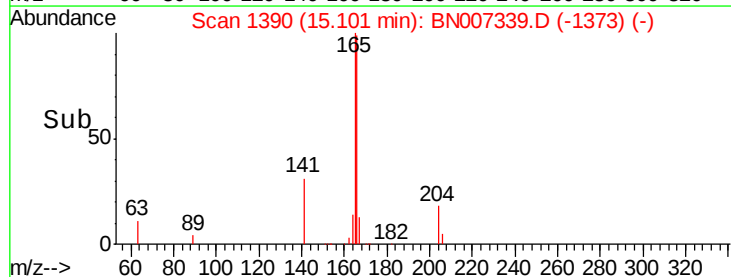
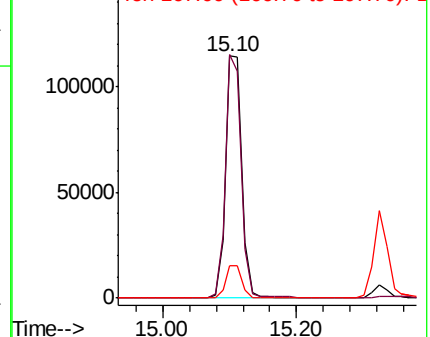
166 100

165 97.6 79.0 118.4

167 13.4 10.6 15.8



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

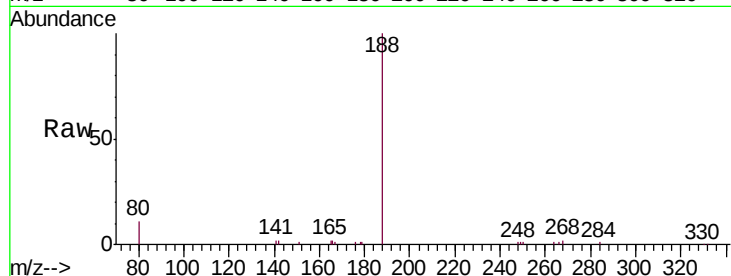
Tgt Ion:188 Resp: 18826

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

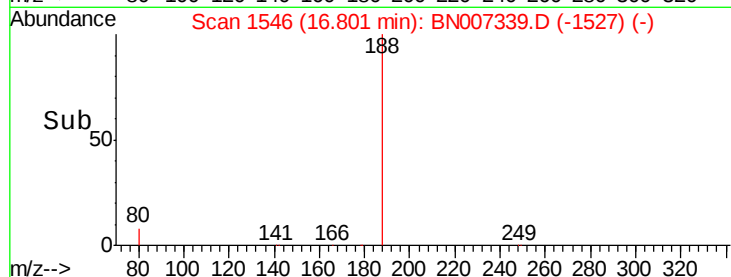
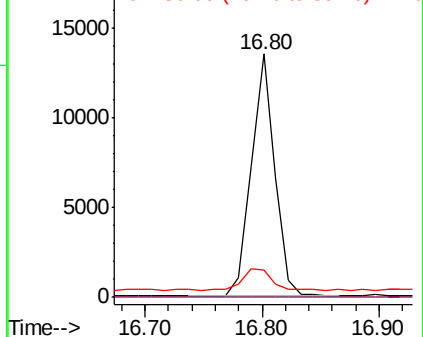
80 11.5 11.8 17.8#



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



#20

4-Bromophenyl-phenylether

Concen: 1.921 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

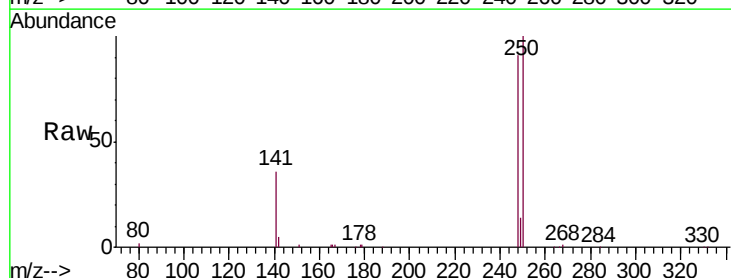
Tgt Ion:248 Resp: 19984

Ion Ratio Lower Upper

248 100

250 109.3 85.0 127.6

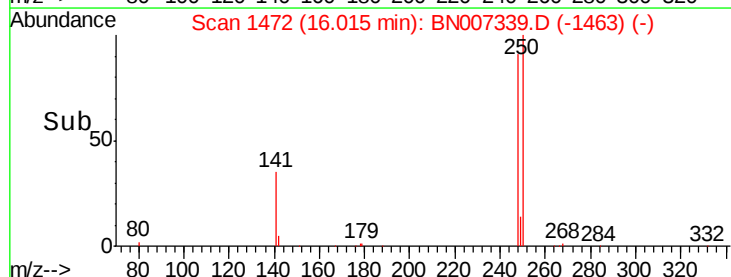
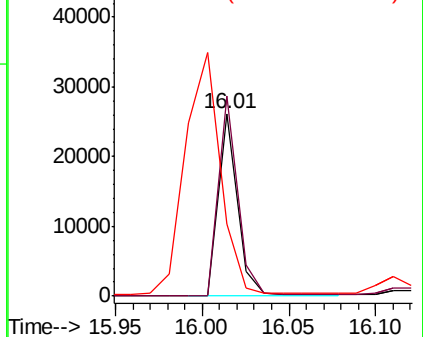
141 39.1 51.7 77.5#



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

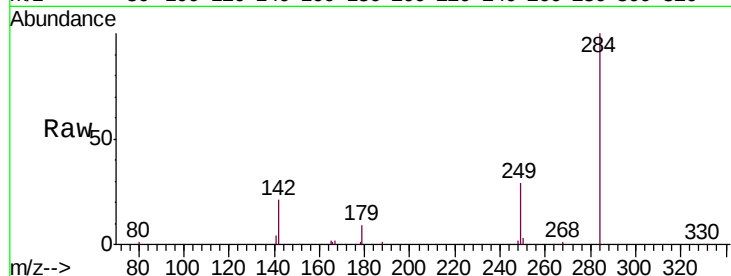




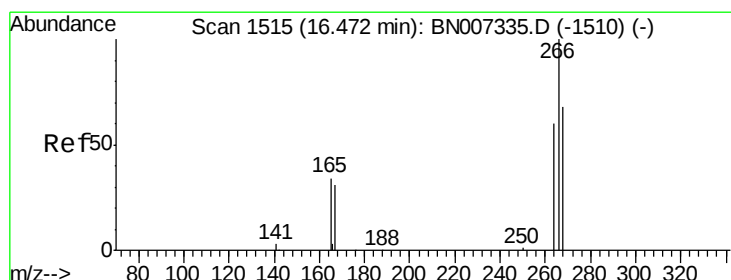
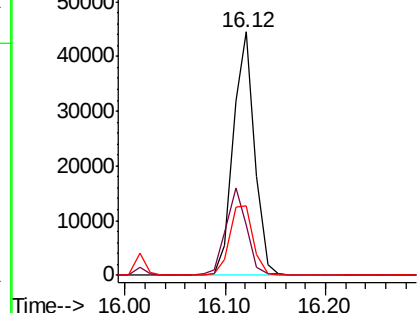
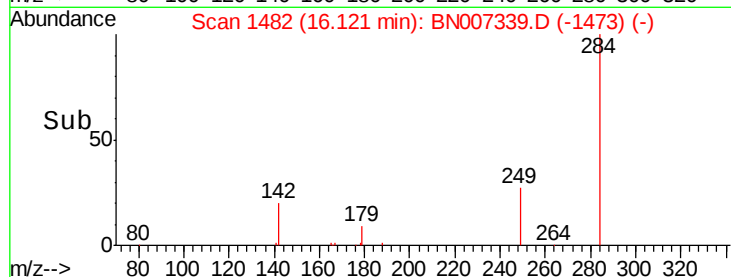
#21
Hexachlorobenzene
Concen: 5.222 ng
RT: 16.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BN007339.D
Acq: 23 Aug 2019 22:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 64974
Ion Ratio Lower Upper
284 100
142 34.4 29.0 43.6
249 31.7 24.9 37.3

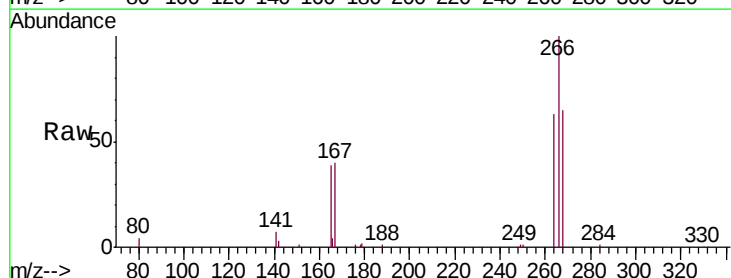


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

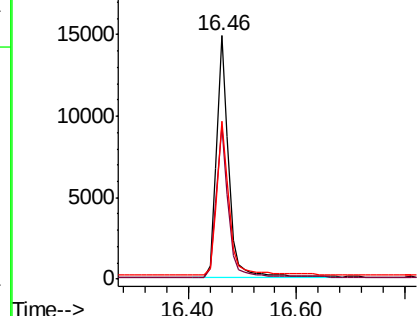
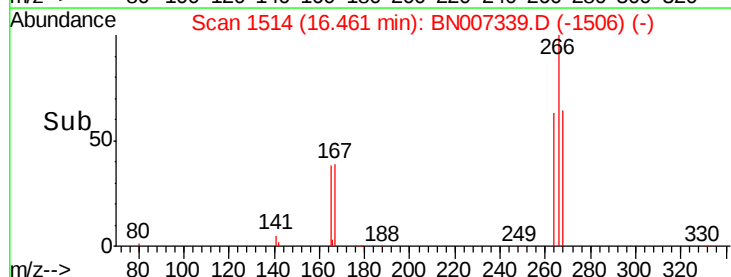


#22
Pentachlorophenol
Concen: 4.815 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007339.D
Acq: 23 Aug 2019 22:37

Tgt Ion:266 Resp: 23504
Ion Ratio Lower Upper
266 100
264 62.9 57.8 86.8
268 65.0 99.7 149.5#



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





#23

Phenanthrene

Concen: 5.124 ng

RT: 16.84 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

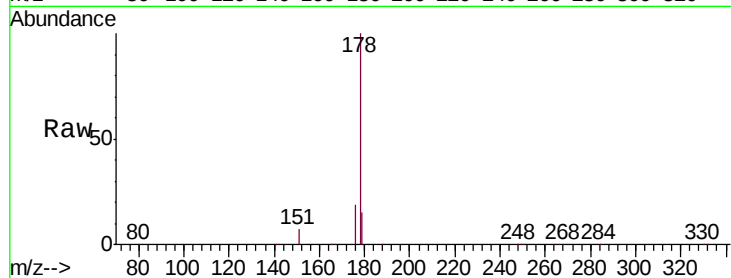
Tgt Ion:178 Resp: 299845

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

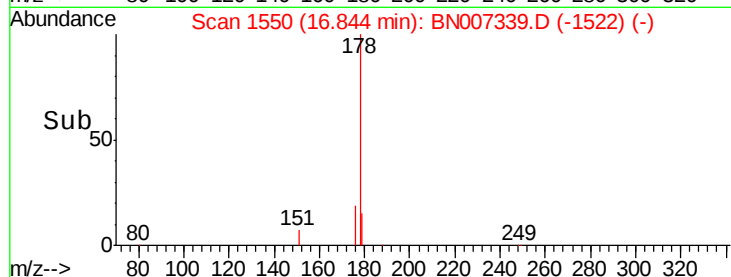
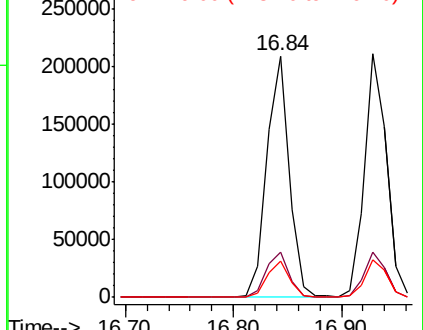
179 15.2 12.6 19.0



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

Anthracene

Concen: 5.565 ng

RT: 16.93 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

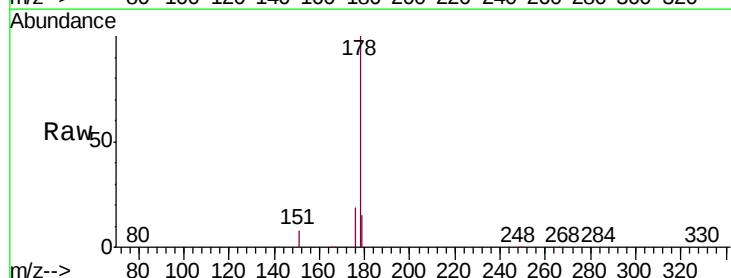
Tgt Ion:178 Resp: 299196

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

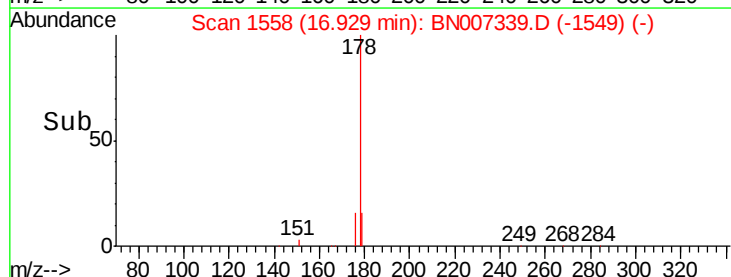
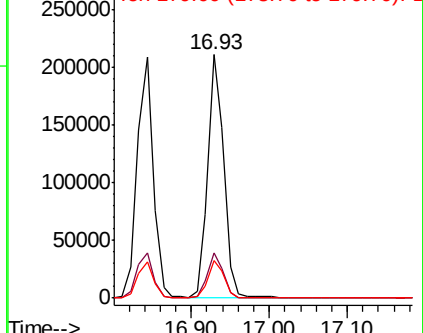
179 15.4 12.4 18.6

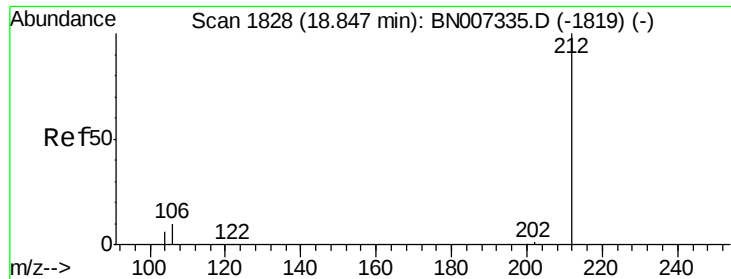


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.092 ng

RT: 18.85 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

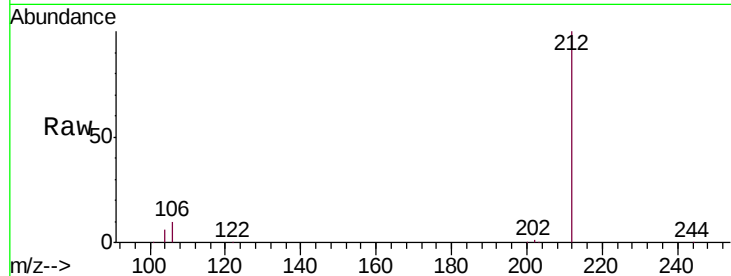
Tgt Ion:212 Resp: 305897

Ion Ratio Lower Upper

212 100

106 11.2 9.0 13.4

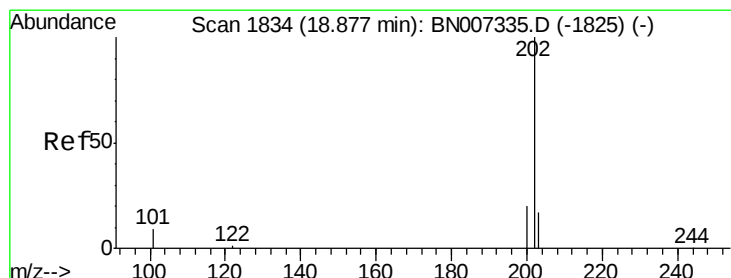
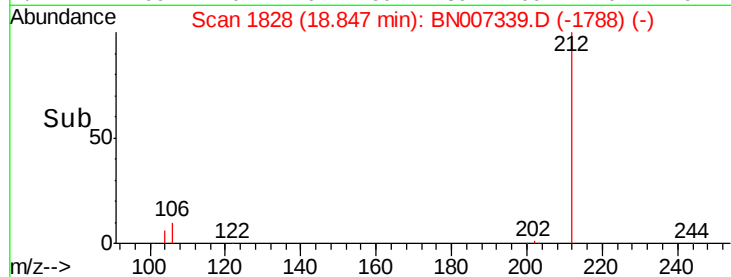
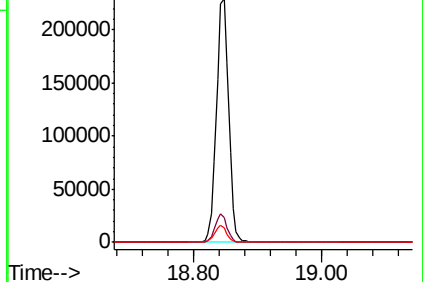
104 6.5 5.4 8.2



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



#26

Fluoranthene

Concen: 4.921 ng

RT: 18.88 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

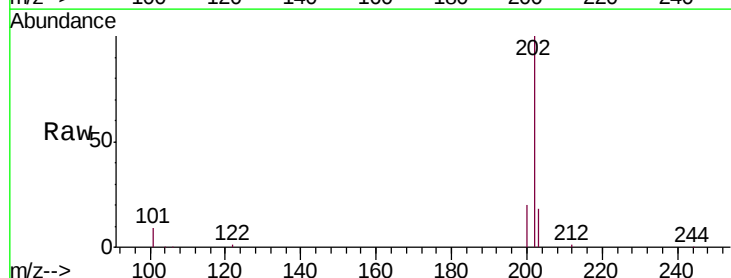
Tgt Ion:202 Resp: 353537

Ion Ratio Lower Upper

202 100

101 9.8 7.7 11.5

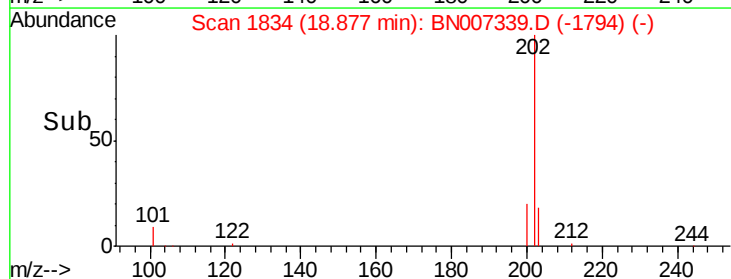
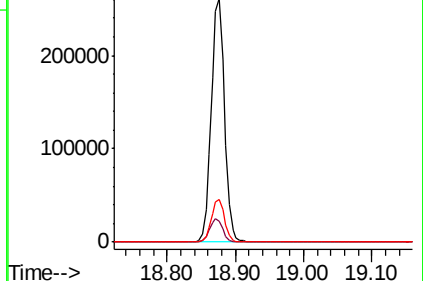
203 17.5 13.7 20.5



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

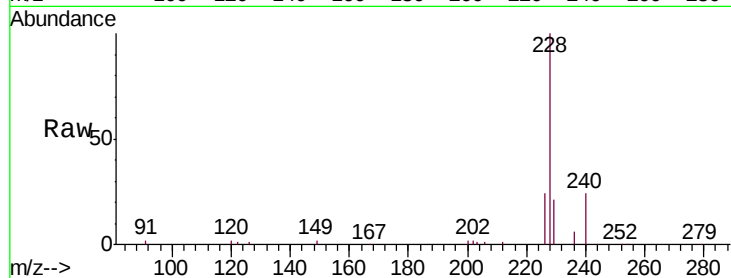
Tgt Ion:240 Resp: 17860

Ion Ratio Lower Upper

240 100

120 10.2 9.6 14.4

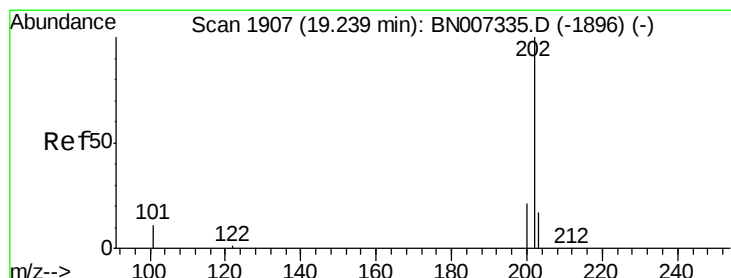
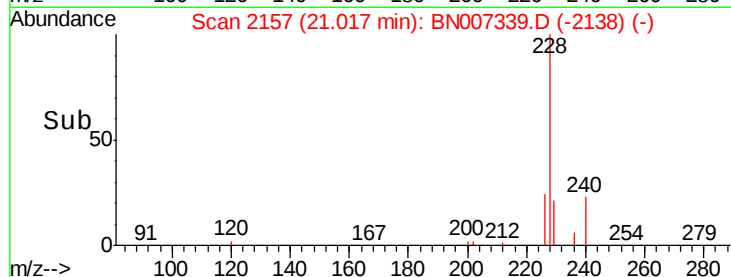
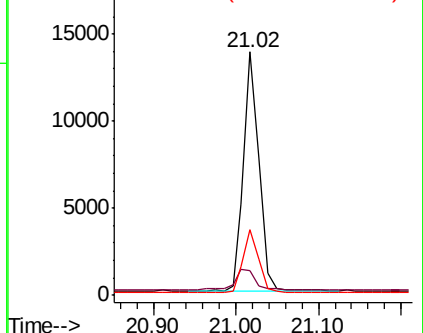
236 27.2 22.2 33.2



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



#28

Pyrene

Concen: 5.343 ng

RT: 19.24 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

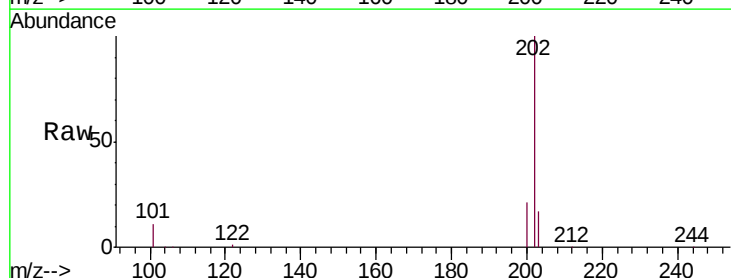
Tgt Ion:202 Resp: 360555

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

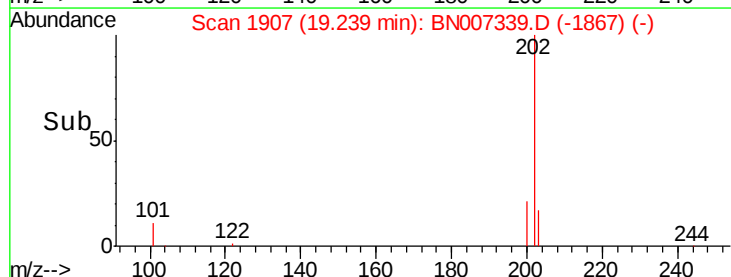
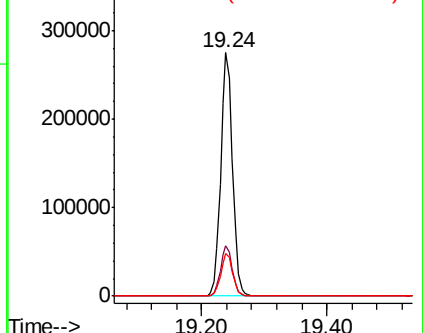
203 17.6 14.2 21.4



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





#29

Terphenyl-d14

Concen: 5.310 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

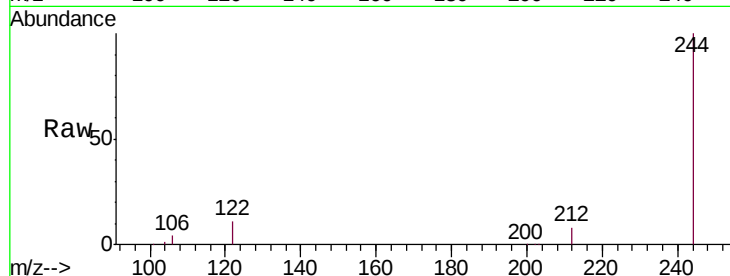
Tgt Ion:244 Resp: 239151

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

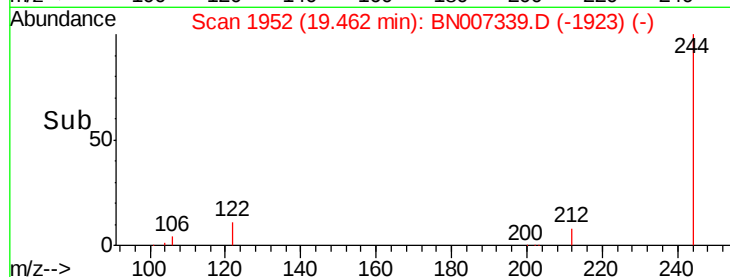
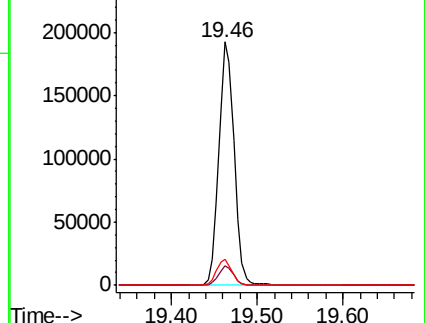
122 10.8 9.6 14.4



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



#30

Benzo(a)anthracene

Concen: 5.401 ng

RT: 21.01 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

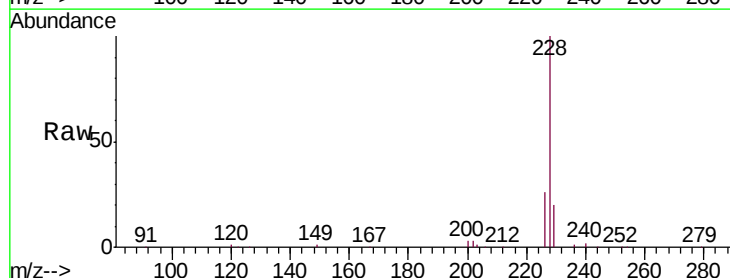
Tgt Ion:228 Resp: 362542

Ion Ratio Lower Upper

228 100

226 25.6 21.3 31.9

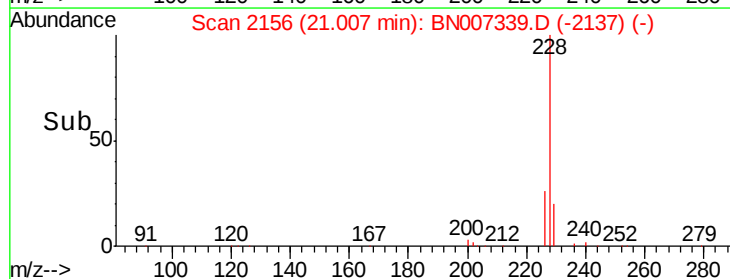
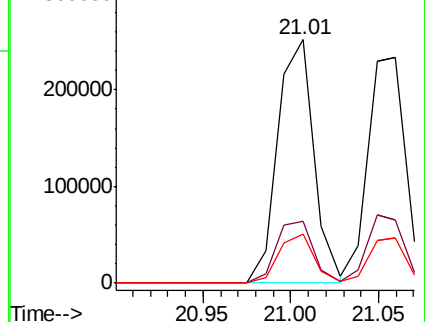
229 20.4 16.1 24.1



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

Chrysene

Concen: 5.180 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

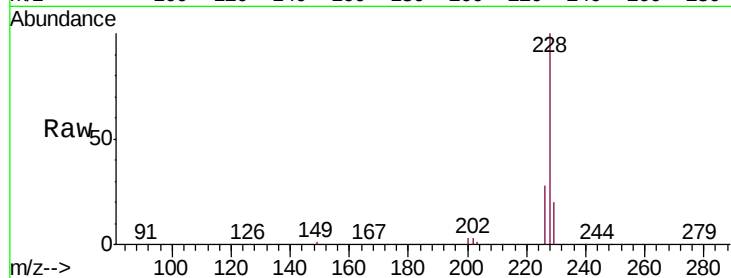
Tgt Ion:228 Resp: 351955

Ion Ratio Lower Upper

228 100

226 28.3 23.5 35.3

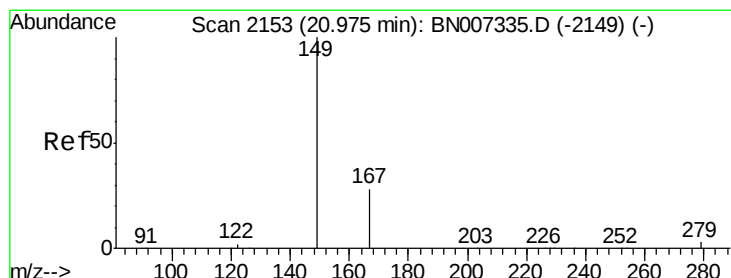
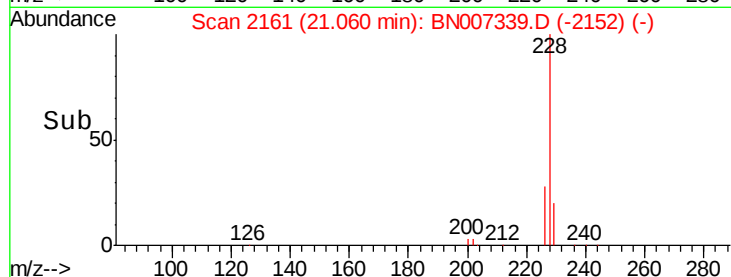
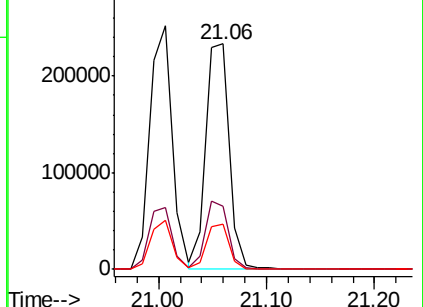
229 20.1 16.6 24.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 7.648 ng

RT: 20.97 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

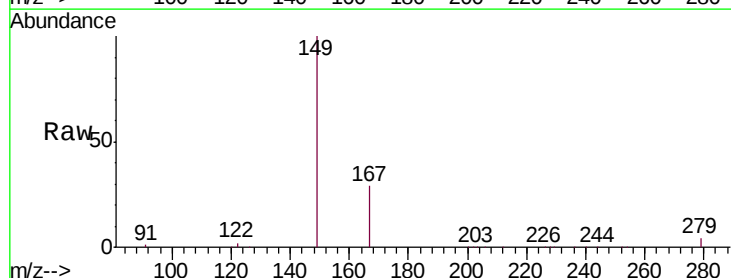
Tgt Ion:149 Resp: 231671

Ion Ratio Lower Upper

149 100

167 27.4 22.8 34.2

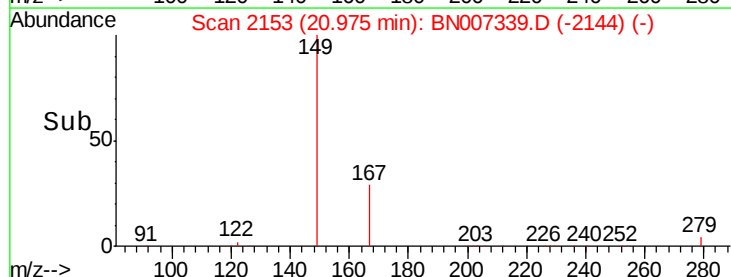
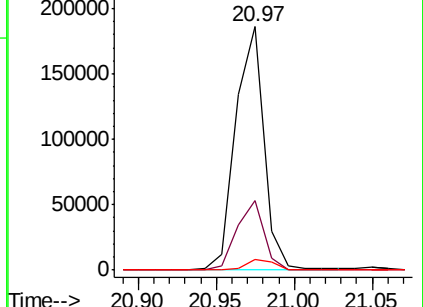
279 4.4 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 5.152 ng

RT: 25.19 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

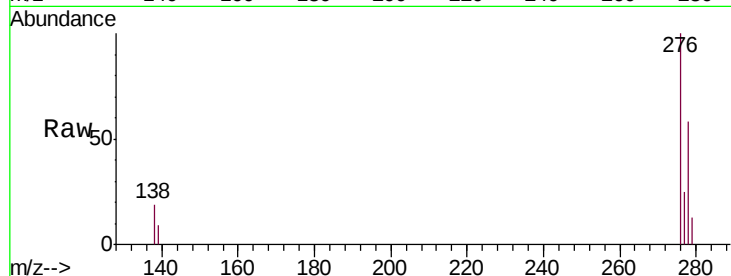
Tgt Ion:276 Resp: 420391

Ion Ratio Lower Upper

276 100

138 19.8 15.1 22.7

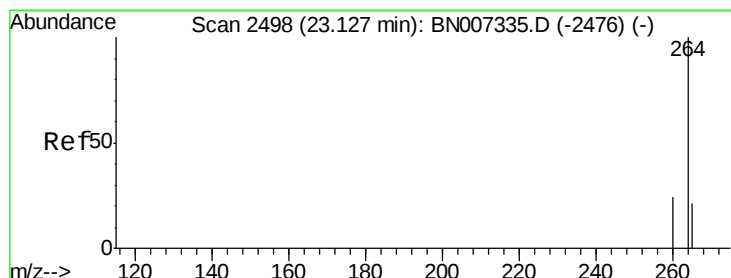
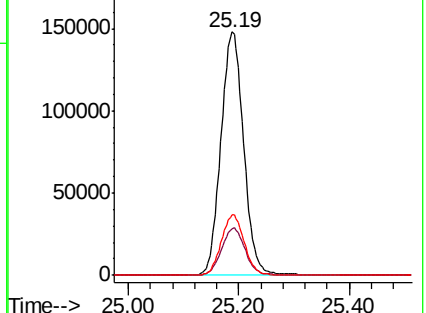
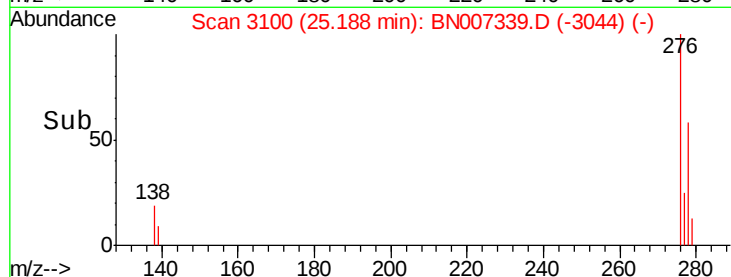
277 25.0 19.7 29.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.12 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

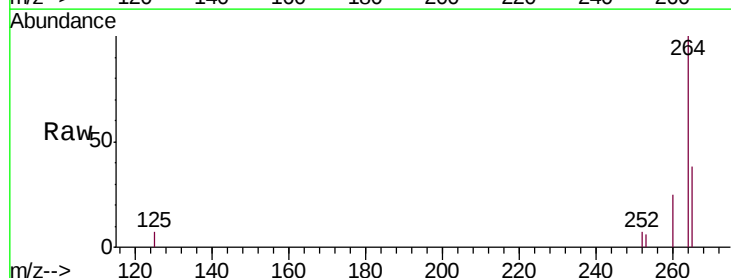
Tgt Ion:264 Resp: 19369

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

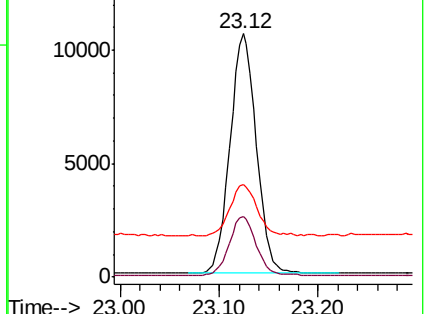
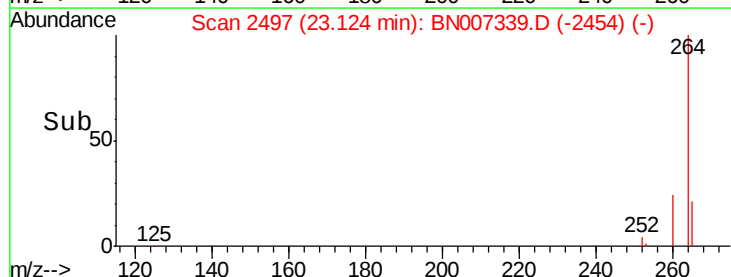
265 37.9 29.9 44.9

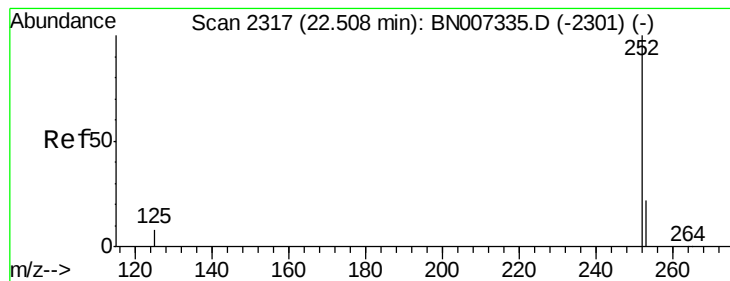


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 5.082 ng

RT: 22.50 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

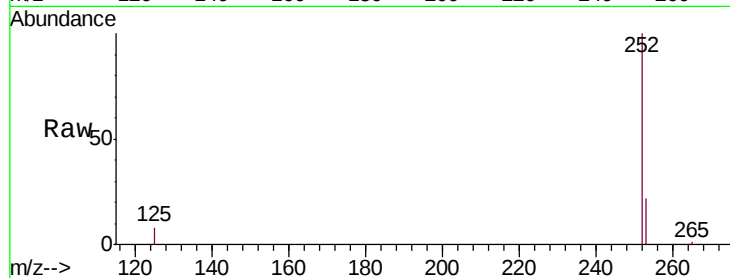
Tgt Ion:252 Resp: 366085

Ion Ratio Lower Upper

252 100

253 21.8 19.2 28.8

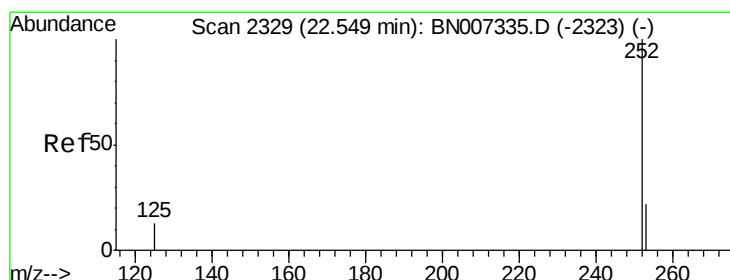
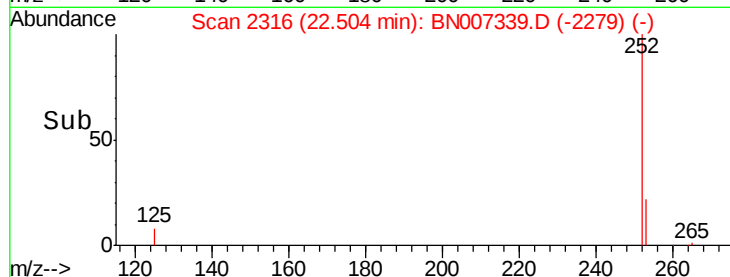
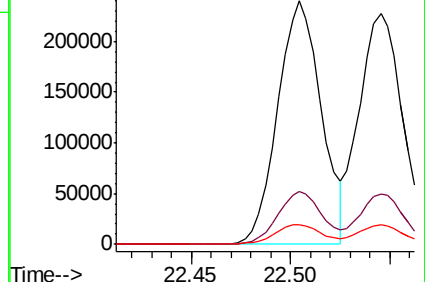
125 8.3 10.6 16.0#



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



#36

Benzo(k)fluoranthene

Concen: 5.006 ng

RT: 22.55 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

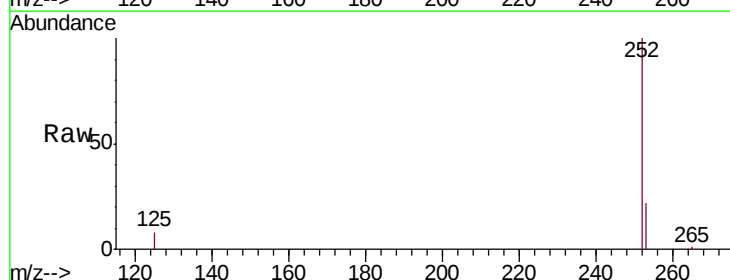
Tgt Ion:252 Resp: 353062

Ion Ratio Lower Upper

252 100

253 22.0 19.4 29.2

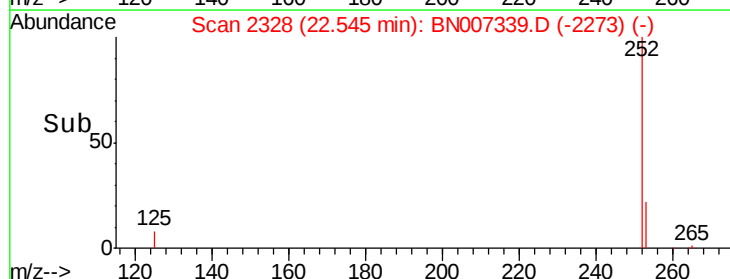
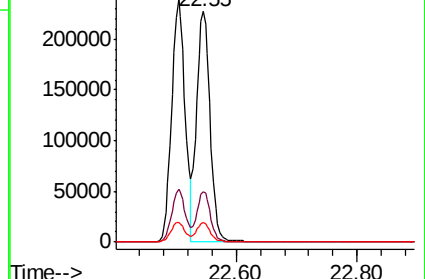
125 8.3 13.1 19.7#



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





#37

Benzo(a)pyrene

Concen: 5.217 ng

RT: 23.03 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

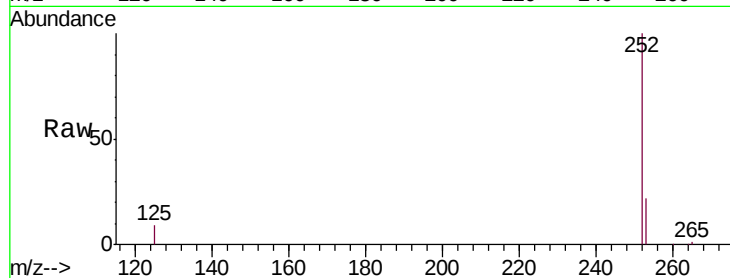
Tgt Ion:252 Resp: 342154

Ion Ratio Lower Upper

252 100

253 21.8 19.5 29.3

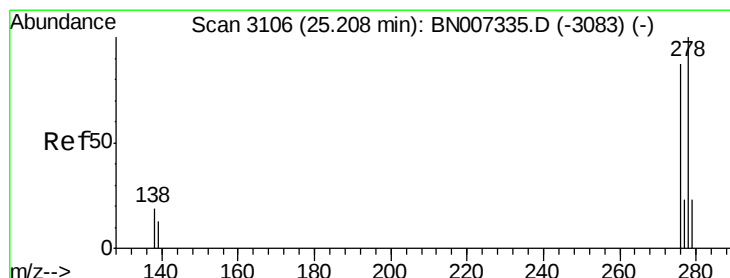
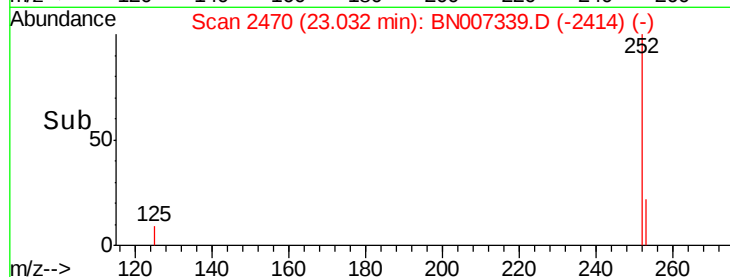
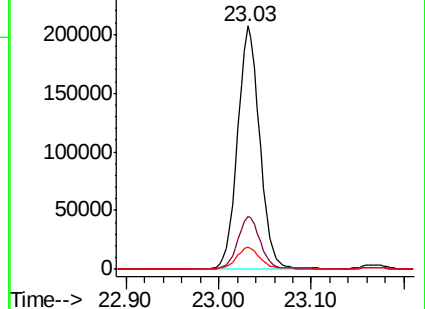
125 9.2 12.1 18.1#



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



#38

Dibenzo(a,h)anthracene

Concen: 5.010 ng

RT: 25.21 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN007339.D

Acq: 23 Aug 2019 22:37

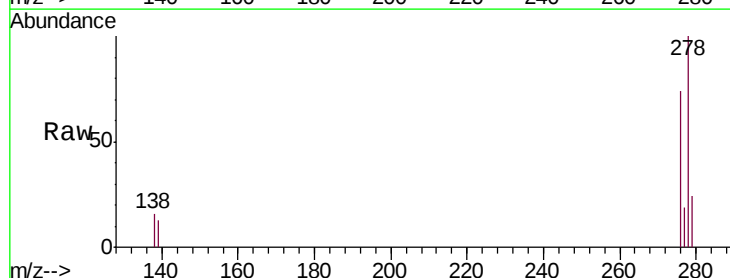
Tgt Ion:278 Resp: 341358

Ion Ratio Lower Upper

278 100

139 12.9 13.7 20.5#

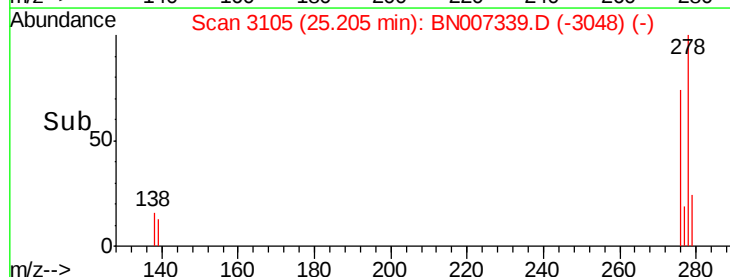
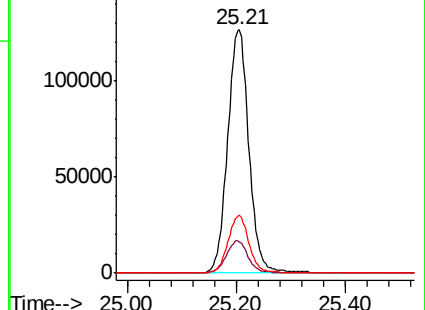
279 23.7 20.2 30.4



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





#39

Benzo(g,h,i)perylene

Concen: 4.961 ng

RT: 25.81 min Scan# 3283

Delta R.T. -0.00 min

Lab File: BN007339.D

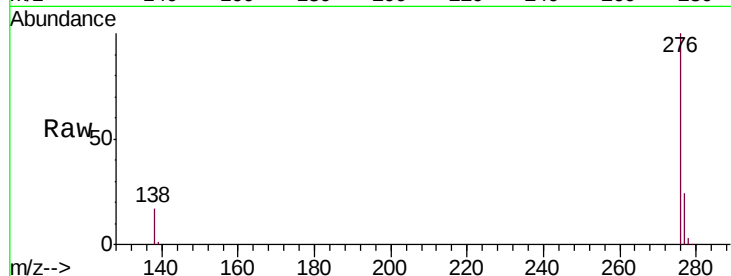
Acq: 23 Aug 2019 22:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0



Tgt Ion: 276 Resp: 340959

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 17.2 16.3 24.5

