

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
 Data File : BN007267.D
 Acq On : 20 Aug 2019 16:38
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Aug 20 18:04:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 17:50:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4648	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	17260	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	9698	0.40	ng	0.00
19) Phenanthrene-d10	16.81	188	22088	0.40	ng	0.00
27) Chrysene-d12	21.03	240	23951	0.40	ng	0.00
34) Perylene-d12	23.13	264	23756	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	66379	6.43	ng	0.00
5) Phenol-d6	6.60	99	80017	5.63	ng	0.00
8) Nitrobenzene-d5	8.54	82	70702	6.01	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	153388	5.95	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	28525	6.30	ng	0.00
15) 2-Fluorobiphenyl	12.67	172	215528	5.97	ng	0.00
25) Fluoranthene-d10	18.85	212	377789	5.66	ng	0.00
29) Terphenyl-d14	19.47	244	298447	5.65	ng	0.00

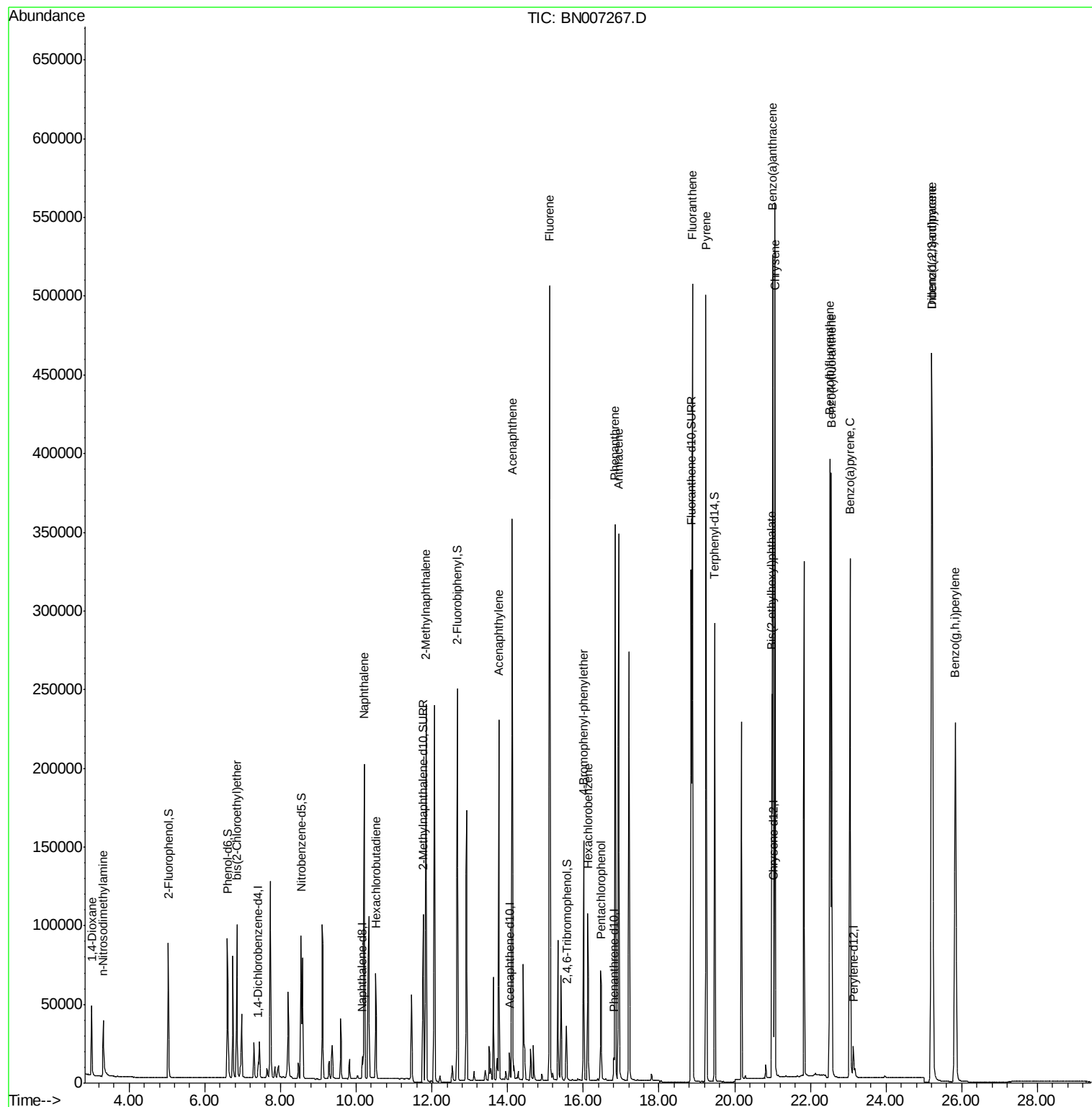
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	30078	3.941	ng	93
3) n-Nitrosodimethylamine	3.31	42	24653	4.163	ng	100
6) bis(2-Chloroethyl)ether	6.85	93	70727	4.472	ng	98
9) Naphthalene	10.22	128	250943	5.428	ng	99
10) Hexachlorobutadiene	10.52	225	54911	5.478	ng	# 99
12) 2-Methylnaphthalene	11.84	142	175748	5.947	ng	99
16) Acenaphthylene	13.77	152	286309	6.251	ng	99
17) Acenaphthene	14.12	154	174335	5.669	ng	99
18) Fluorene	15.11	166	226826	5.955	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	50829	4.068	ng	97
21) Hexachlorobenzene	16.12	284	76508	4.701	ng	99
22) Pentachlorophenol	16.47	266	36241	16.889	ng	99
23) Phenanthrene	16.84	178	369340	6.032	ng	100
24) Anthracene	16.94	178	350239	6.601	ng	99
26) Fluoranthene	18.88	202	447363	5.820	ng	100
28) Pyrene	19.24	202	452093	5.431	ng	100
30) Benzo(a)anthracene	21.01	228	476517	6.456	ng	96
31) Chrysene	21.06	228	462119	5.586	ng	100
32) Bis(2-ethylhexyl)phthalate	20.99	149	210318	6.119	ng	99
33) Indeno(1,2,3-cd)pyrene	25.20	276	553108	5.463	ng	100
35) Benzo(b)fluoranthene	22.51	252	486985	6.523	ng	97
36) Benzo(k)fluoranthene	22.56	252	459792	5.487	ng	97
37) Benzo(a)pyrene	23.05	252	439366	6.070	ng	96
38) Dibenzo(a,h)anthracene	25.22	278	448326	6.143	ng	98
39) Benzo(g,h,i)perylene	25.83	276	454252	5.940	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: 7.41 min Scan# 569

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

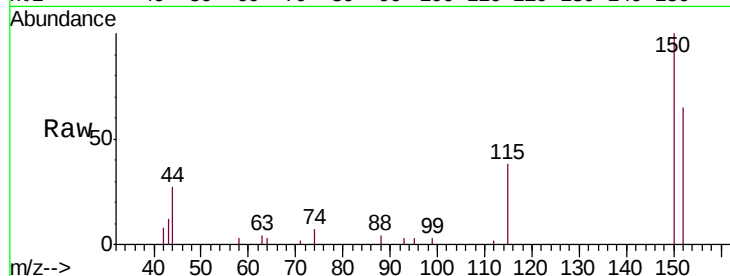
Tgt Ion:152 Resp: 4648

Ion Ratio Lower Upper

152 100

150 154.5 123.8 185.8

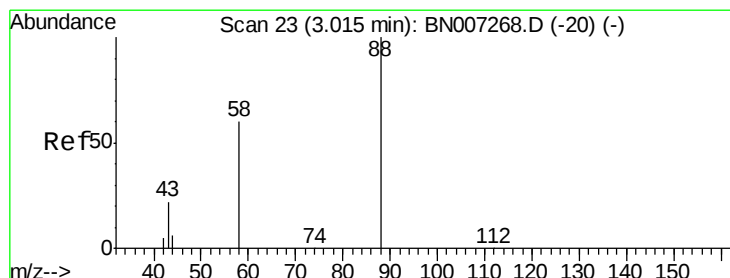
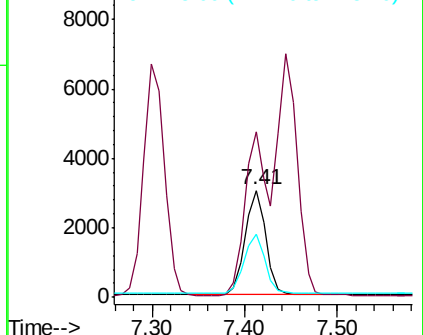
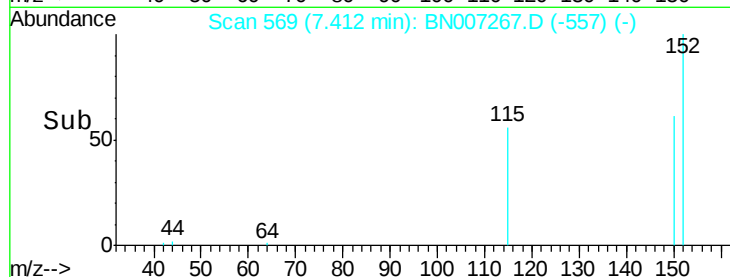
115 58.5 47.3 70.9



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

1,4-Dioxane

Concen: 3.941 ng

RT: 3.01 min Scan# 23

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

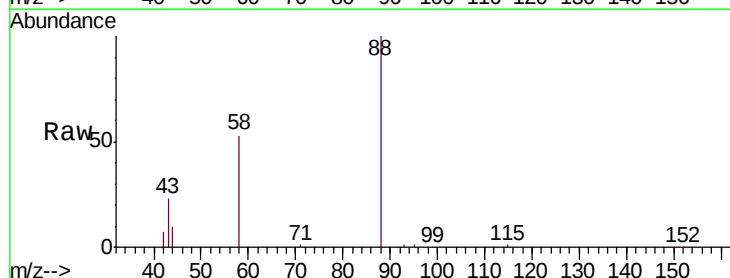
Tgt Ion: 88 Resp: 30078

Ion Ratio Lower Upper

88 100

58 64.5 45.5 68.3

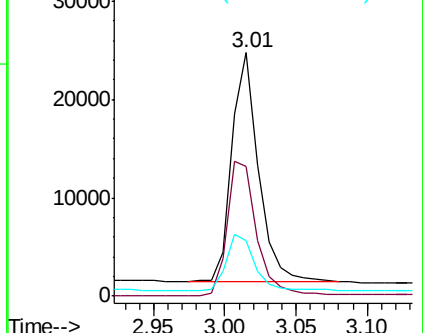
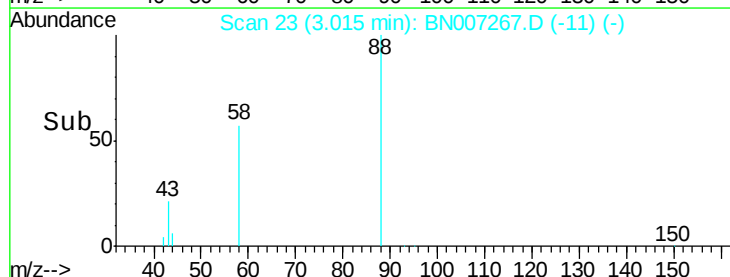
43 25.6 20.4 30.6

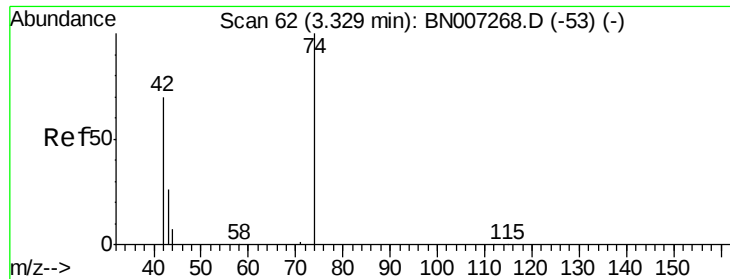


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 4.163 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

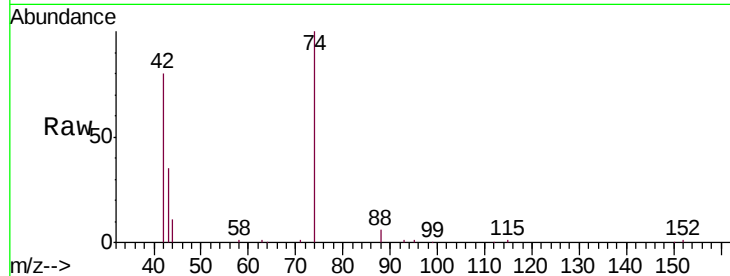
Tgt Ion: 42 Resp: 24653

Ion Ratio Lower Upper

42 100

74 135.8 109.0 163.4

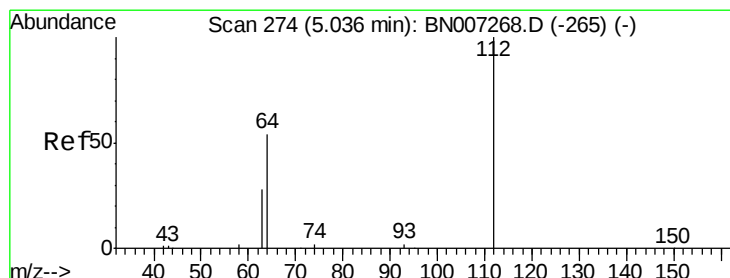
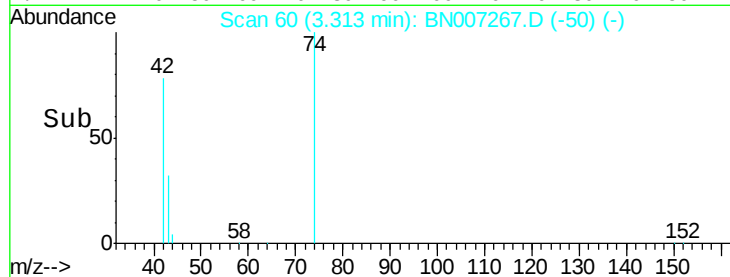
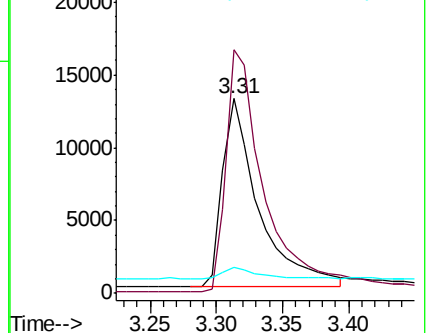
44 6.1 4.2 6.2



Abundance Ion 42.00 (41.70 to 42.70): BN007268.D (-53) (-)

Ion 74.00 (73.70 to 74.70): BN007268.D (-53) (-)

Ion 44.00 (43.70 to 44.70): BN007268.D (-53) (-)



#4

2-Fluorophenol

Concen: 6.426 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

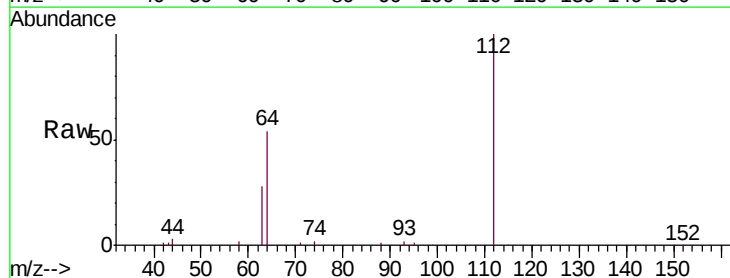
Tgt Ion: 112 Resp: 66379

Ion Ratio Lower Upper

112 100

64 52.1 41.8 62.8

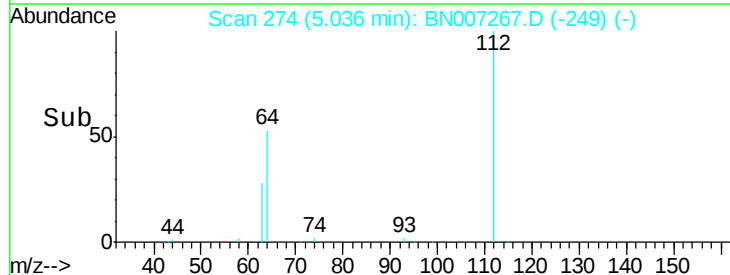
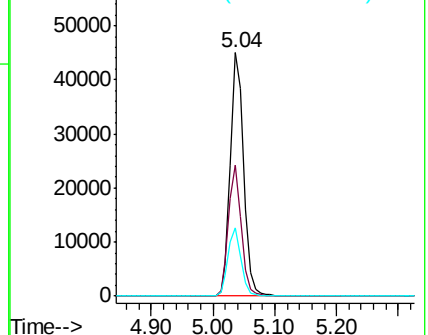
63 27.6 22.6 34.0

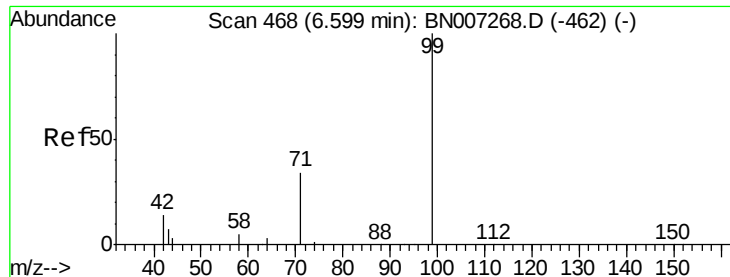


Abundance Ion 112.00 (111.70 to 112.70): BN007268.D (-265) (-)

Ion 64.00 (63.70 to 64.70): BN007268.D (-265) (-)

Ion 63.00 (62.70 to 63.70): BN007268.D (-265) (-)





#5

Phenol-d6

Concen: 5.629 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

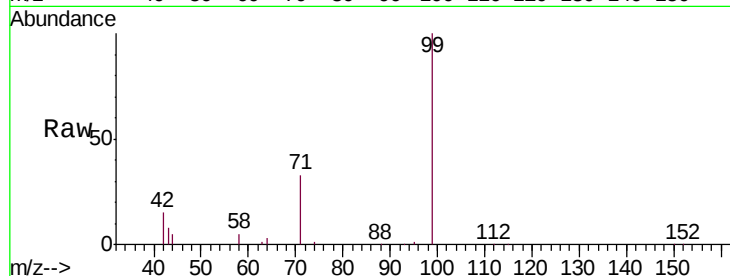
Tgt Ion: 99 Resp: 80017

Ion Ratio Lower Upper

99 100

42 17.9 14.3 21.5

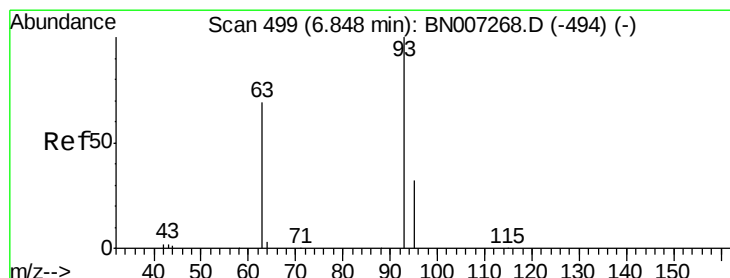
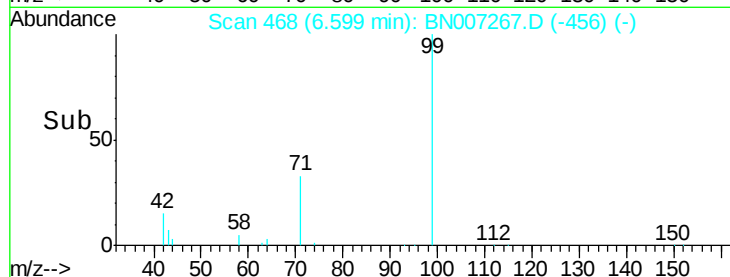
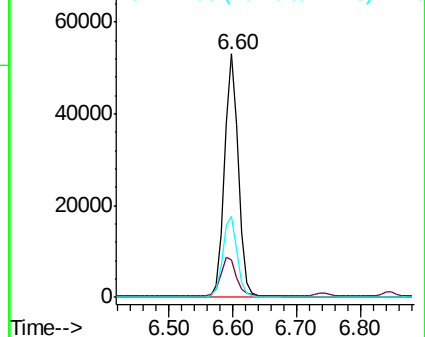
71 34.1 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007267.D (-456) (-)

Ion 42.00 (41.70 to 42.70): BN007267.D (-456) (-)

Ion 71.00 (70.70 to 71.70): BN007267.D (-456) (-)



#6

bis(2-Chloroethyl)ether

Concen: 4.472 ng

RT: 6.85 min Scan# 499

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

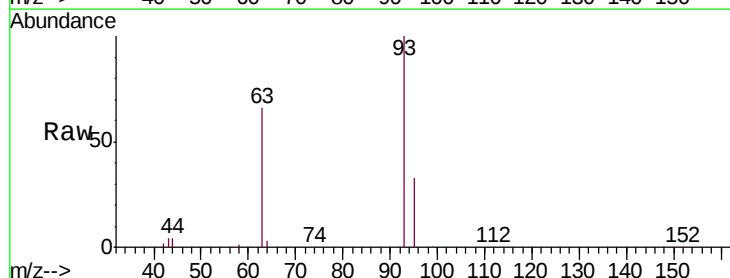
Tgt Ion: 93 Resp: 70727

Ion Ratio Lower Upper

93 100

63 69.4 54.4 81.6

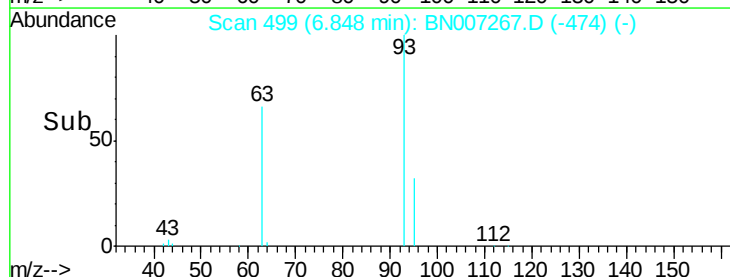
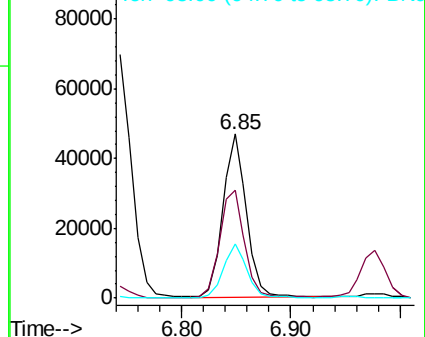
95 32.8 25.5 38.3

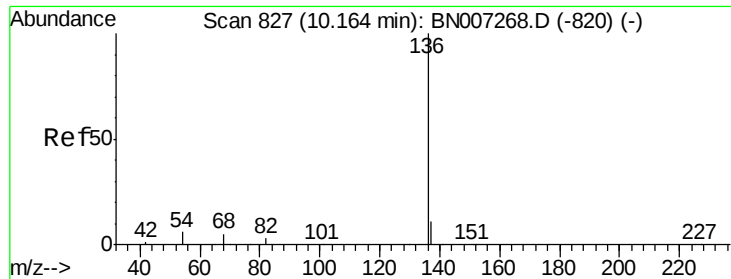


Abundance Ion 93.00 (92.70 to 93.70): BN007267.D (-474) (-)

Ion 63.00 (62.70 to 63.70): BN007267.D (-474) (-)

Ion 95.00 (94.70 to 95.70): BN007267.D (-474) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:136 Resp: 17260

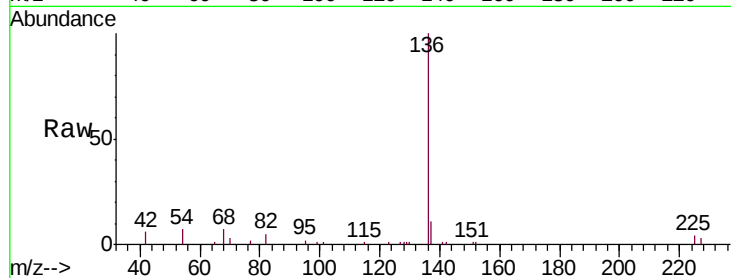
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.7 5.9 8.9

68 7.0 5.6 8.4

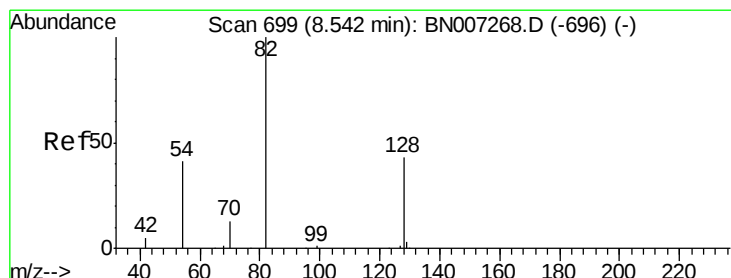
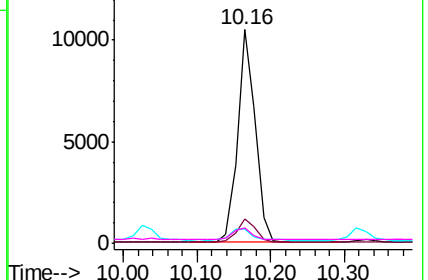
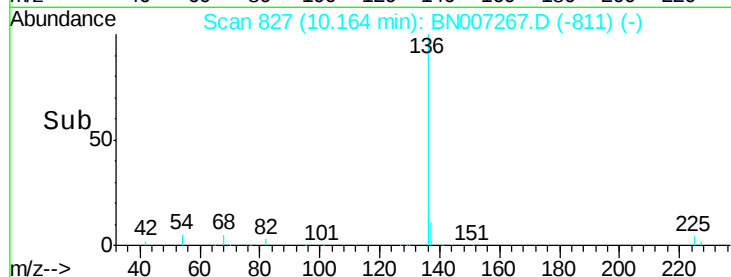


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.009 ng

RT: 8.54 min Scan# 699

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

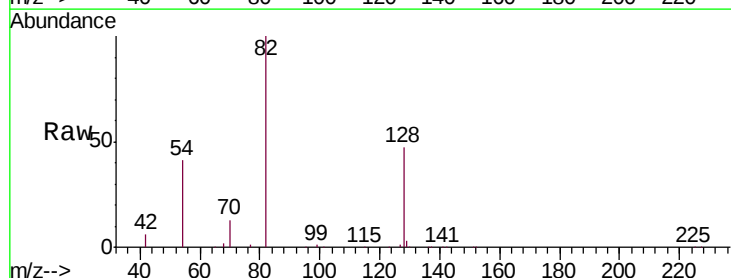
Tgt Ion: 82 Resp: 70702

Ion Ratio Lower Upper

82 100

128 46.7 35.8 53.6

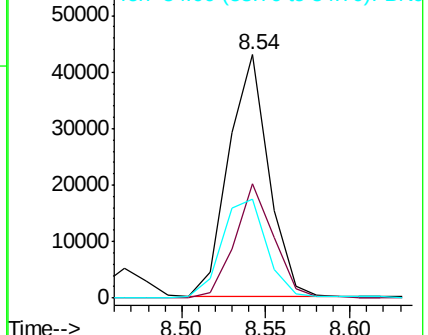
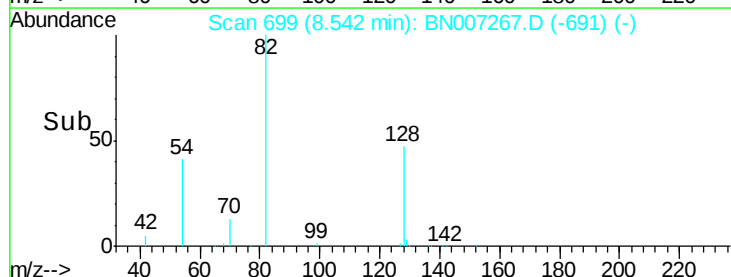
54 40.8 34.7 52.1

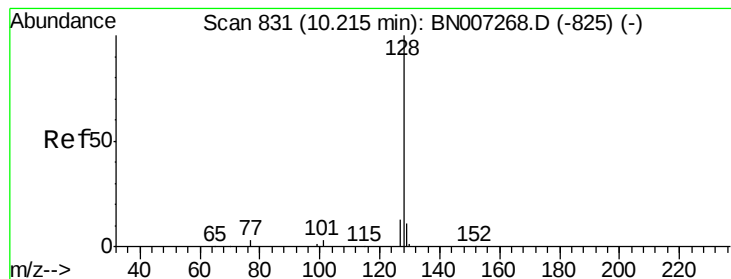


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 5.428 ng

RT: 10.22 min Scan# 831

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

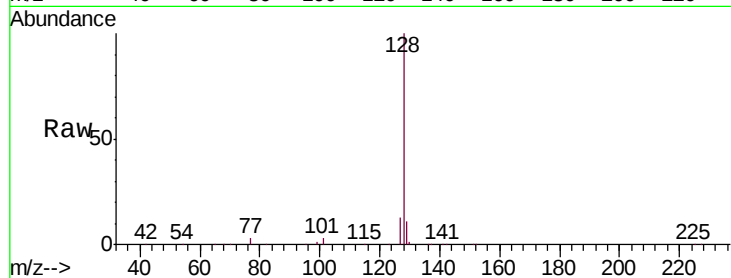
Tgt Ion:128 Resp: 250943

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

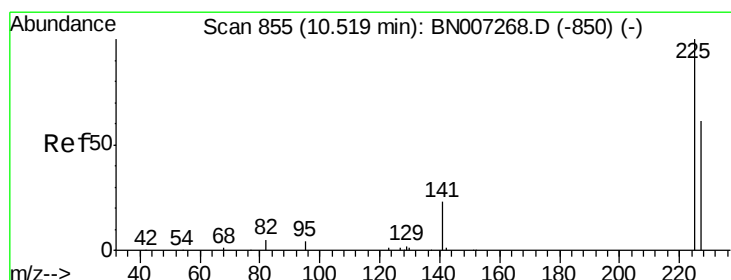
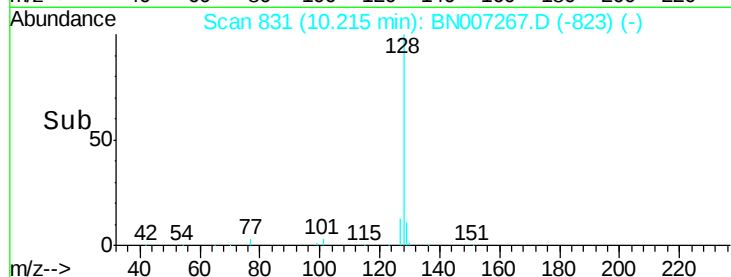
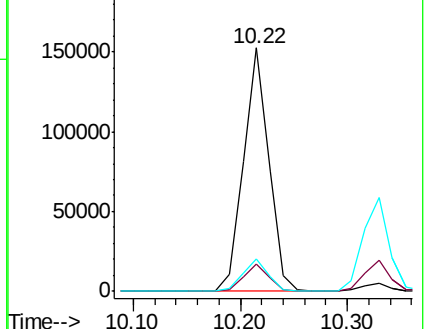
127 13.1 10.6 16.0



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: 5.478 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

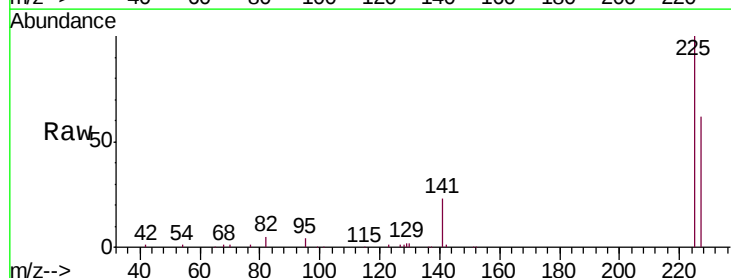
Tgt Ion:225 Resp: 54911

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

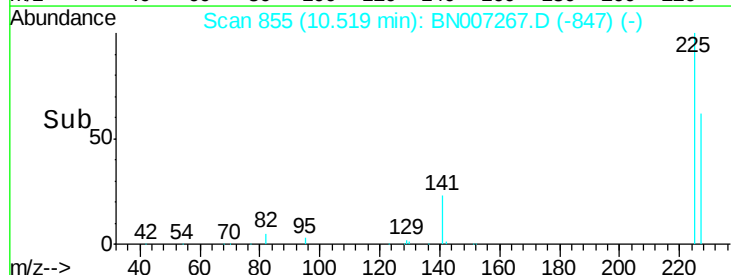
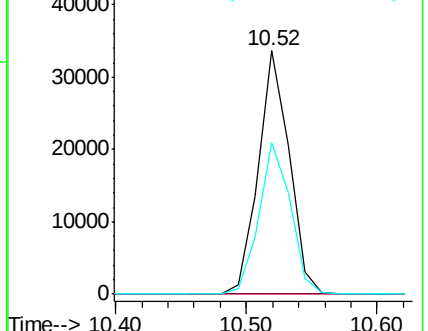
227 63.3 50.2 75.2

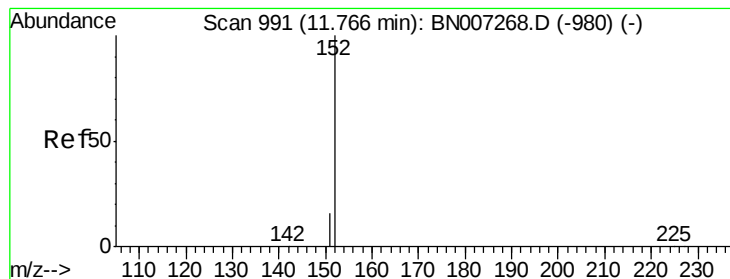


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 5.947 ng

RT: 11.77 min Scan# 991

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

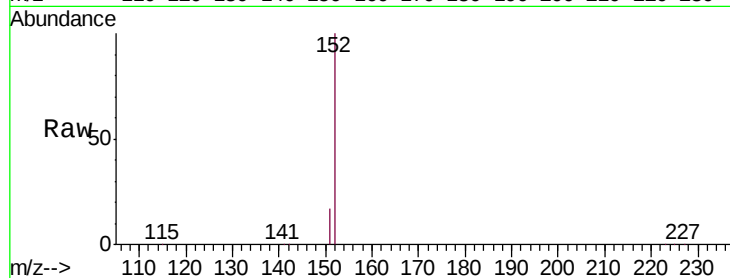
SSTDICC5.0

Tgt Ion:152 Resp: 153388

Ion Ratio Lower Upper

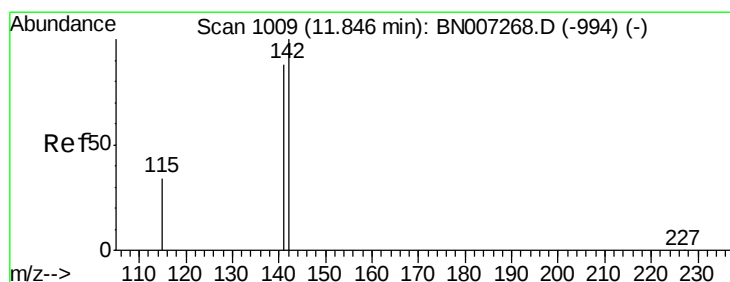
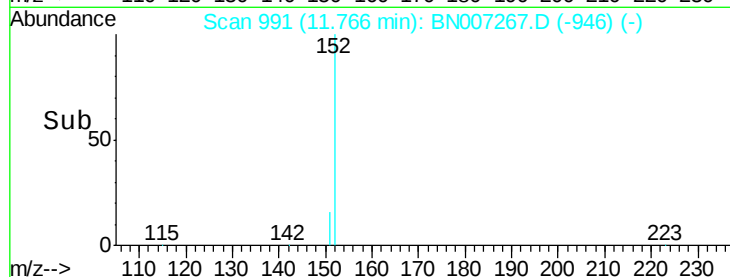
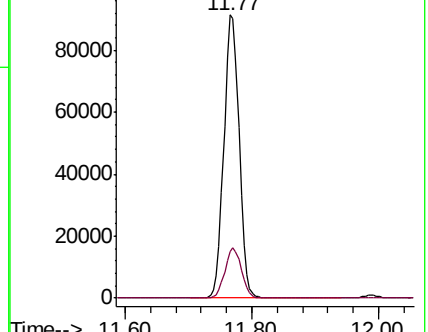
152 100

151 19.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 5.947 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

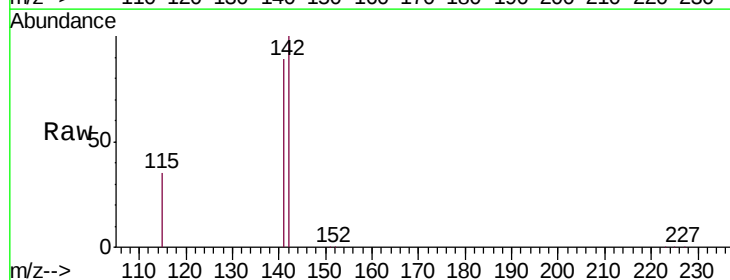
Tgt Ion:142 Resp: 175748

Ion Ratio Lower Upper

142 100

141 88.8 70.7 106.1

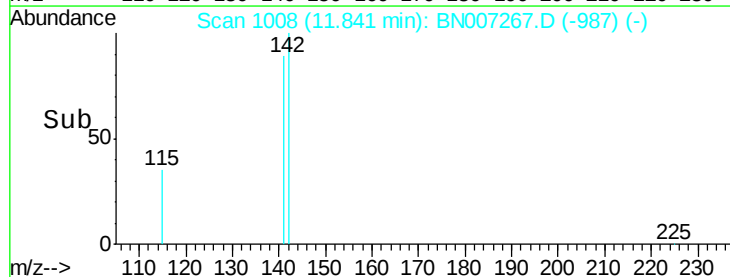
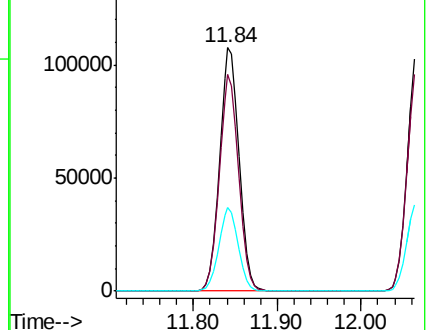
115 34.6 28.1 42.1



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: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

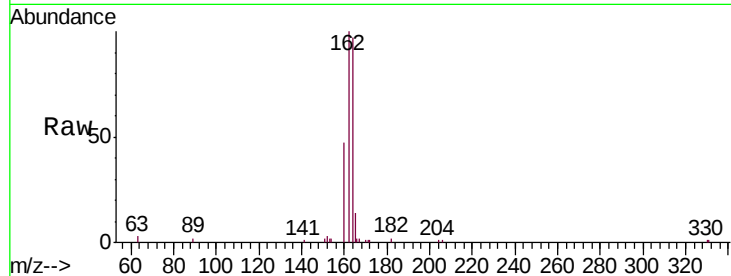
Tgt Ion:164 Resp: 9698

Ion Ratio Lower Upper

164 100

162 103.4 82.0 123.0

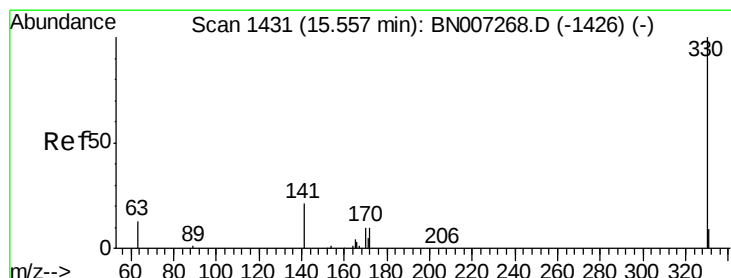
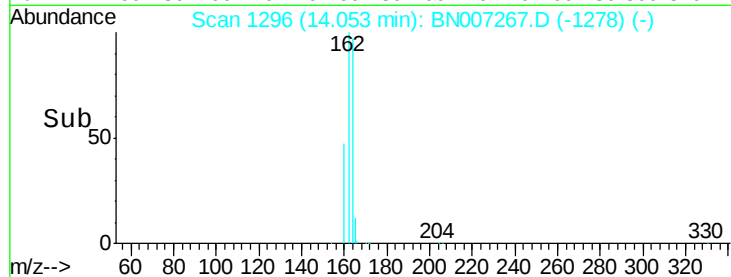
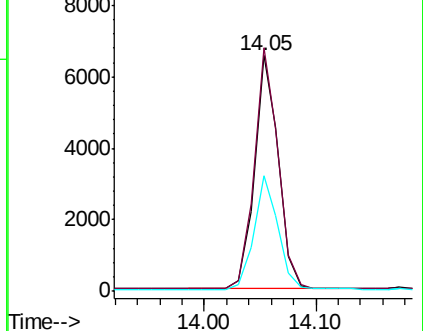
160 48.9 38.2 57.4



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: 6.303 ng

RT: 15.56 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

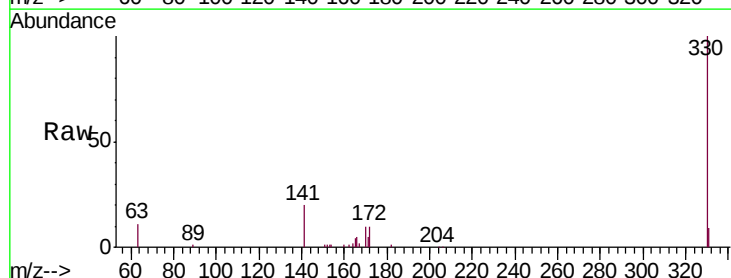
Tgt Ion:330 Resp: 28525

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

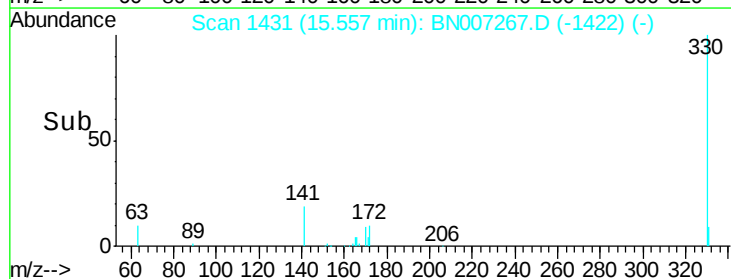
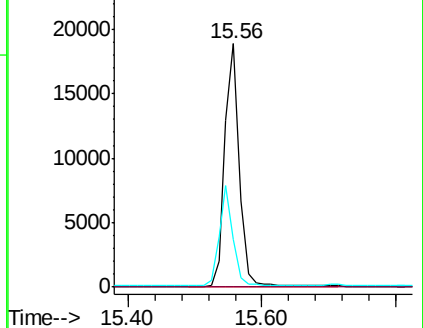
141 39.0 30.3 45.5

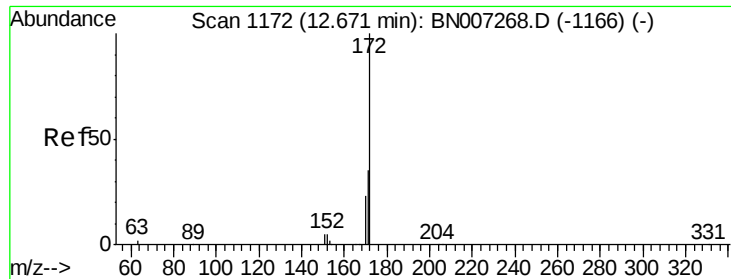


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

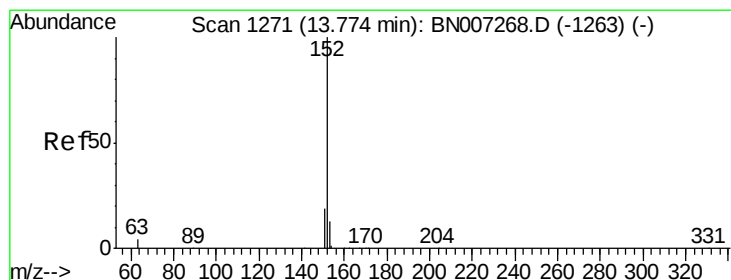
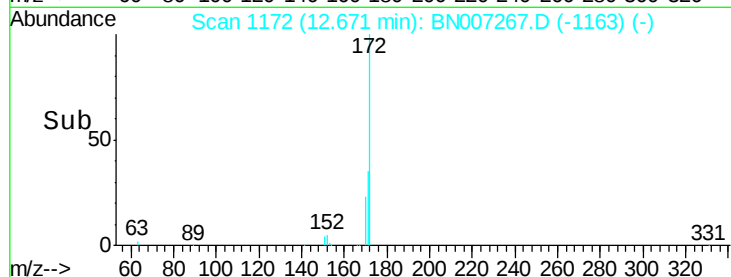
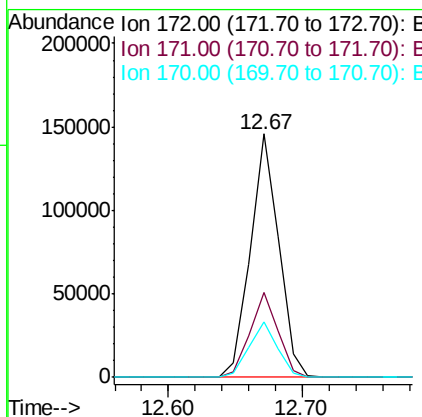
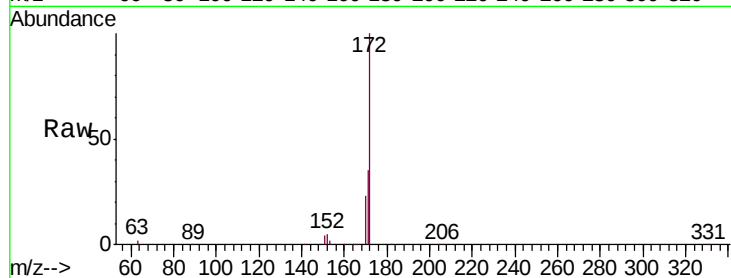




#15
2-Fluorobiphenyl
Concen: 5.967 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007267.D
Acq: 20 Aug 2019 16:38

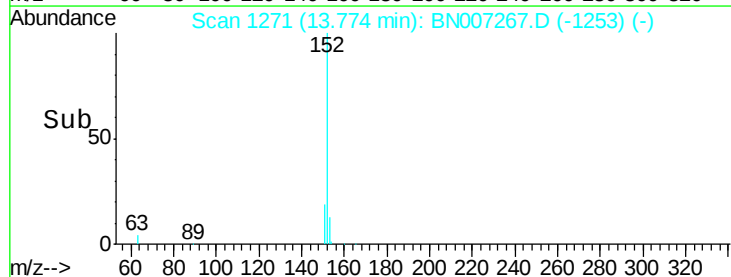
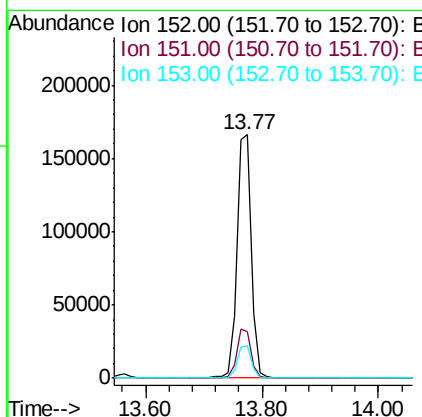
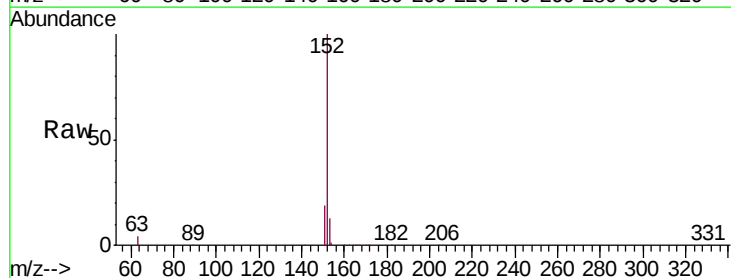
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

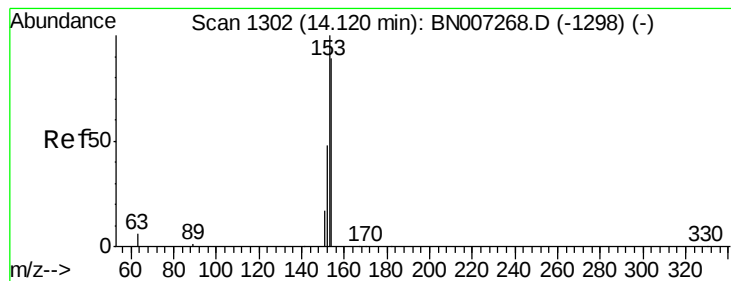
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	23.0	18.7	28.1



#16
Acenaphthylene
Concen: 6.251 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007267.D
Acq: 20 Aug 2019 16:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	13.1	10.1	15.1





#17

Acenaphthene

Concen: 5.669 ng

RT: 14.12 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

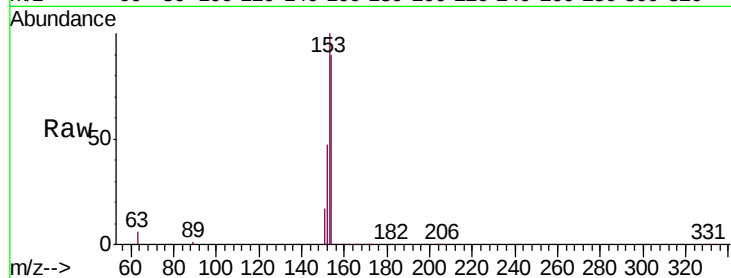
Tgt Ion:154 Resp: 174335

Ion Ratio Lower Upper

154 100

153 112.1 89.9 134.9

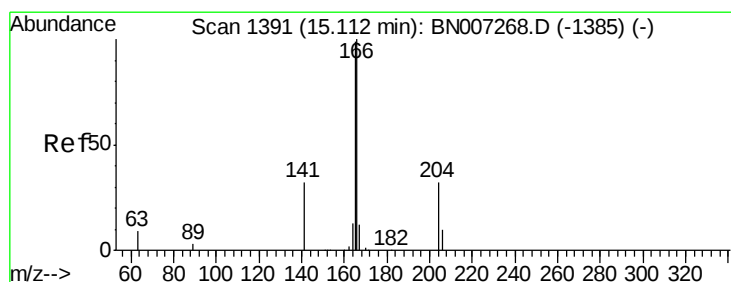
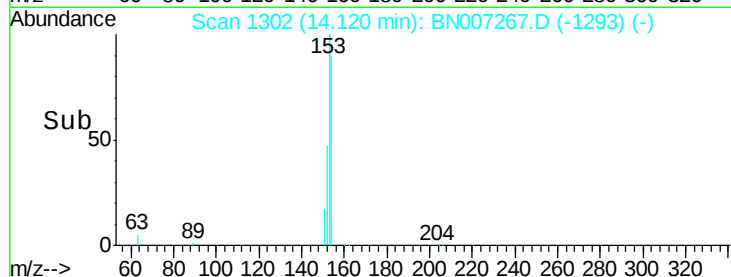
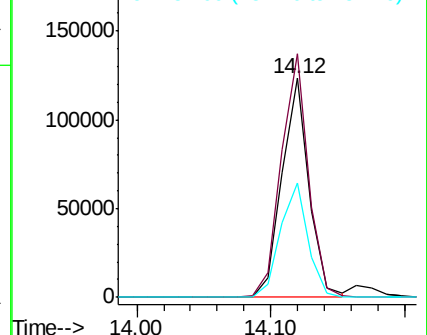
152 53.9 43.9 65.9



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: 5.955 ng

RT: 15.11 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

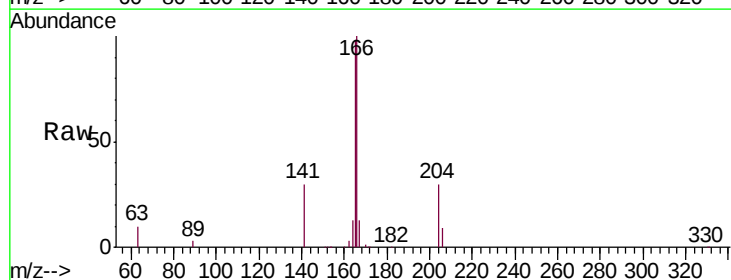
Tgt Ion:166 Resp: 226826

Ion Ratio Lower Upper

166 100

165 97.7 78.3 117.5

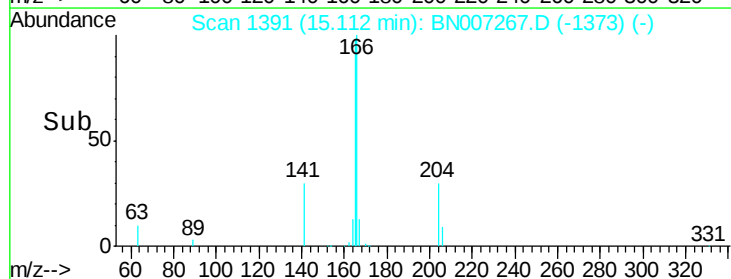
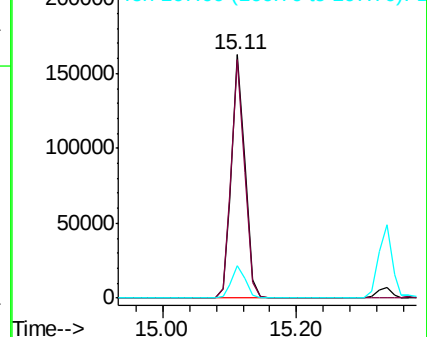
167 13.3 11.1 16.7

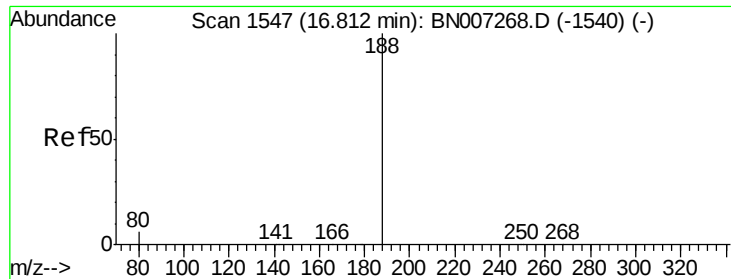


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.81 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

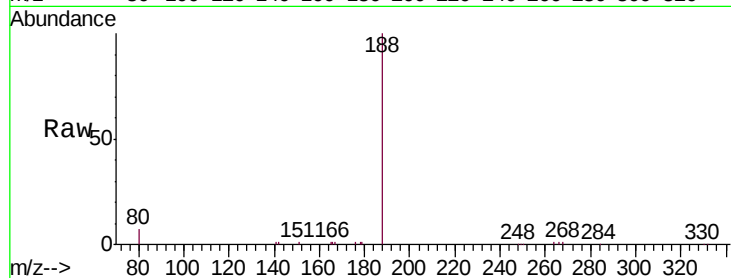
Tgt Ion:188 Resp: 22088

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

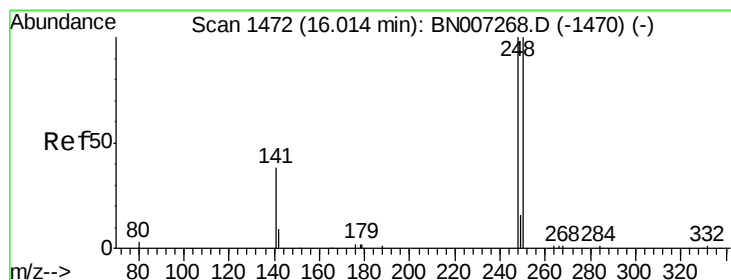
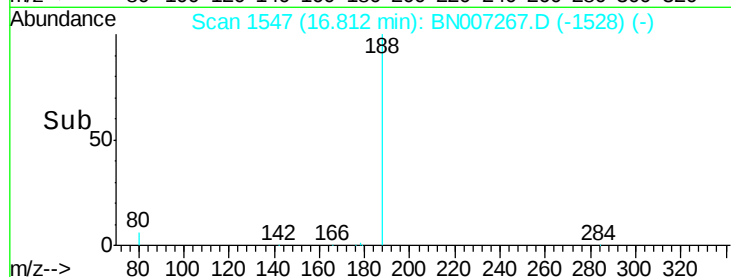
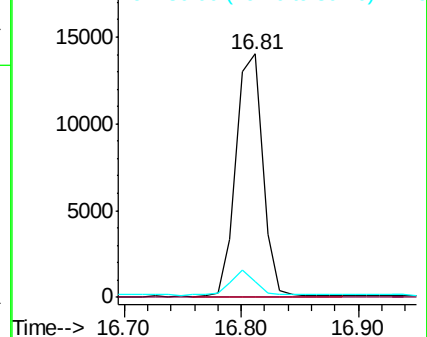
80 6.6 5.2 7.8



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: 4.068 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

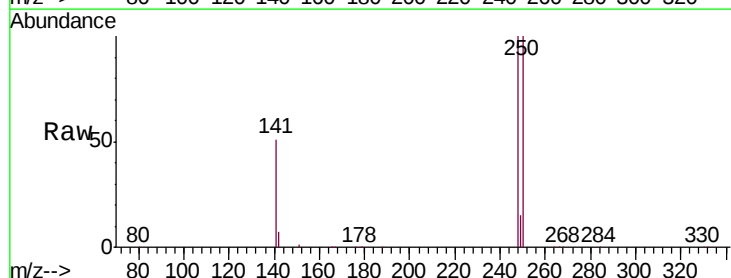
Tgt Ion:248 Resp: 50829

Ion Ratio Lower Upper

248 100

250 100.1 79.6 119.4

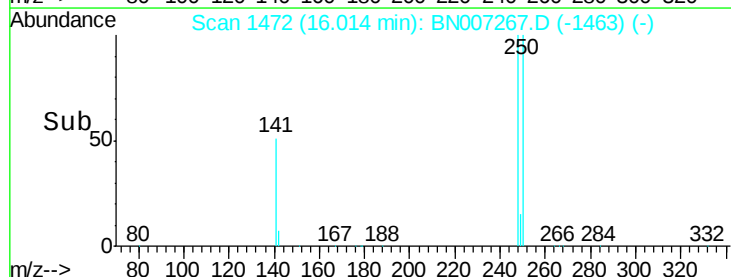
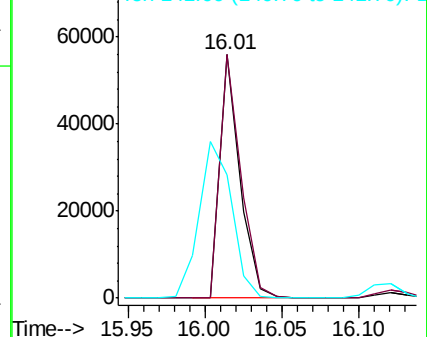
141 50.8 45.1 67.7

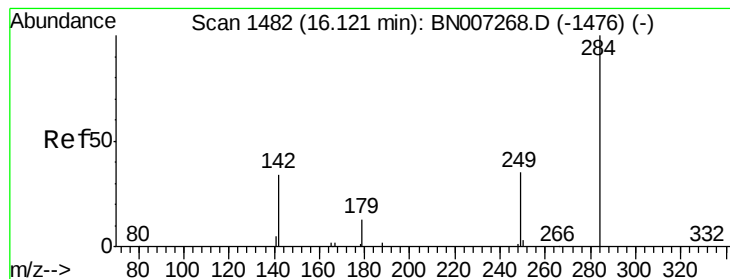


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.701 ng

RT: 16.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

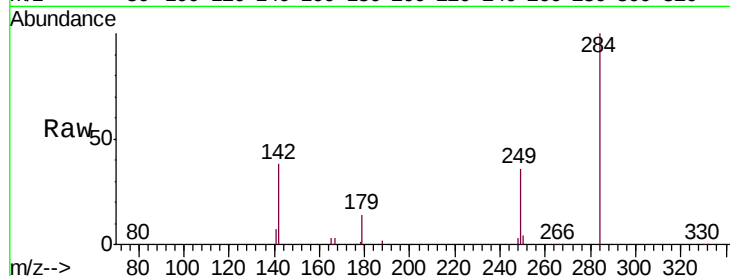
Tgt Ion:284 Resp: 76508

Ion Ratio Lower Upper

284 100

142 37.6 29.5 44.3

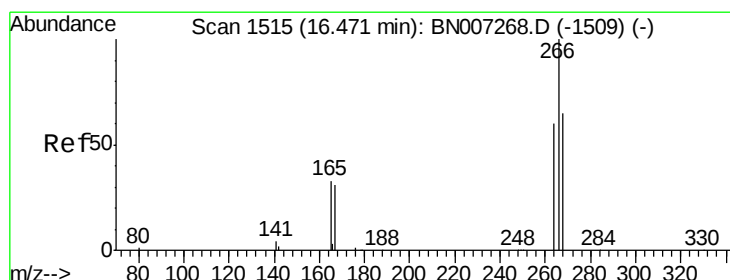
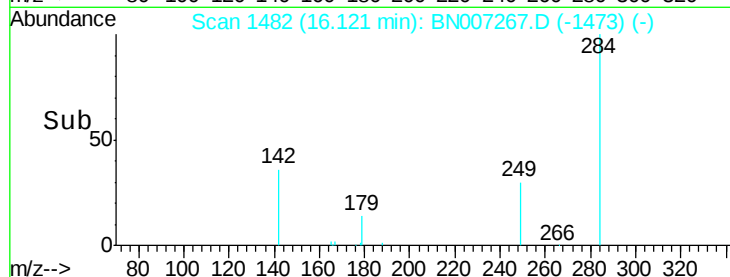
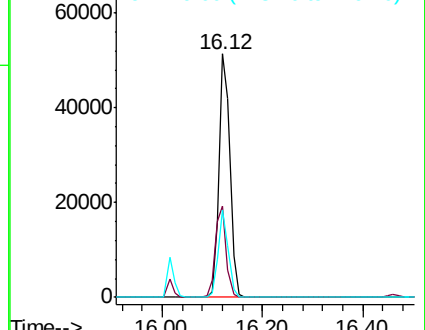
249 33.2 26.2 39.4



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: 16.889 ng

RT: 16.47 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

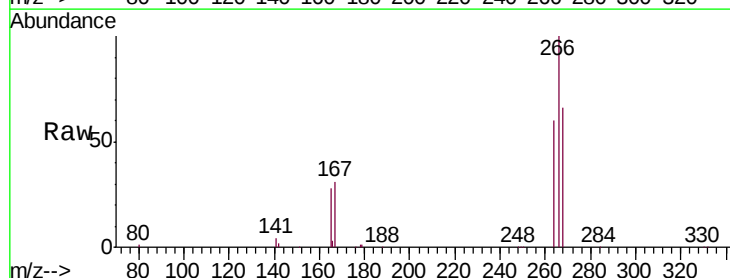
Tgt Ion:266 Resp: 36241

Ion Ratio Lower Upper

266 100

264 60.2 48.7 73.1

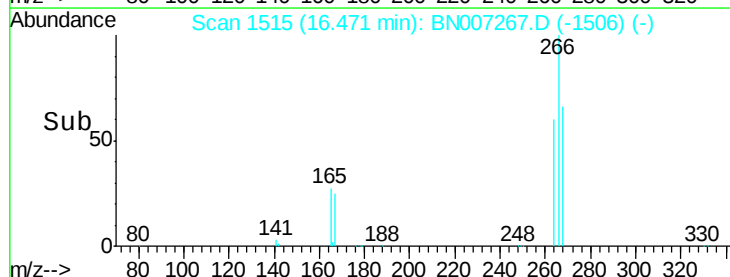
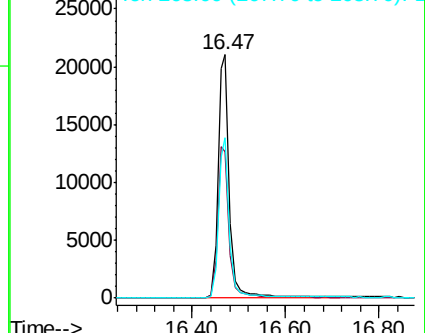
268 65.9 53.5 80.3

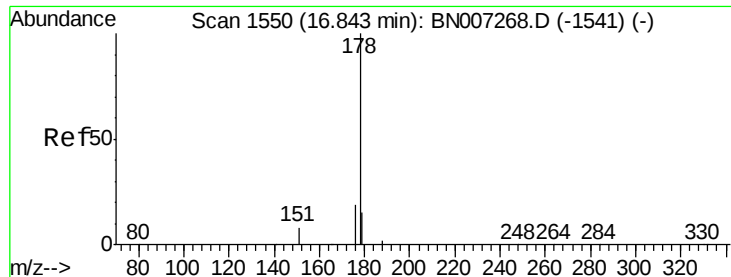


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 6.032 ng

RT: 16.84 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

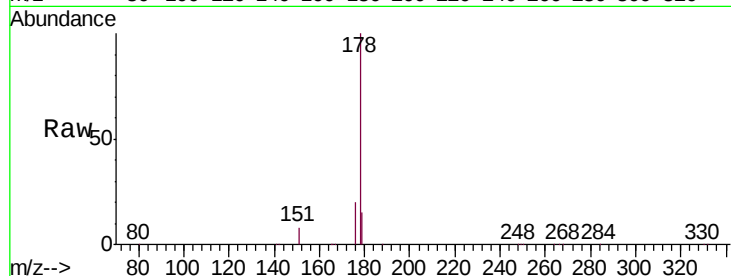
Tgt Ion:178 Resp: 369340

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

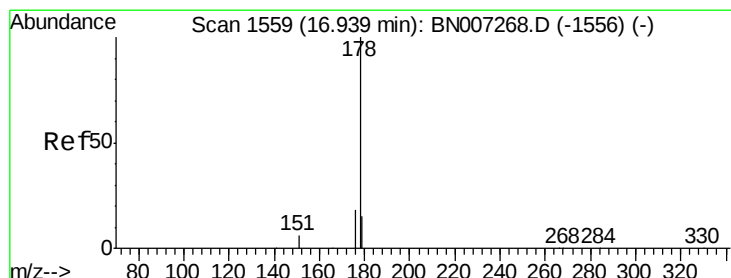
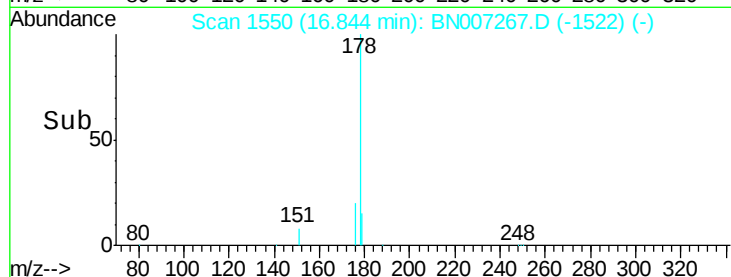
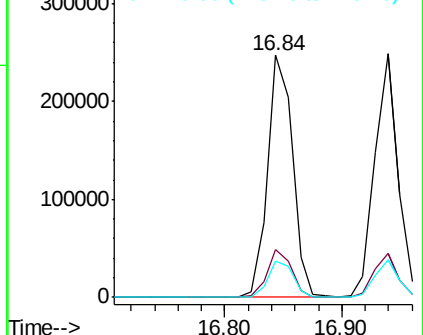
179 15.3 12.3 18.5



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



#24

Anthracene

Concen: 6.601 ng

RT: 16.94 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

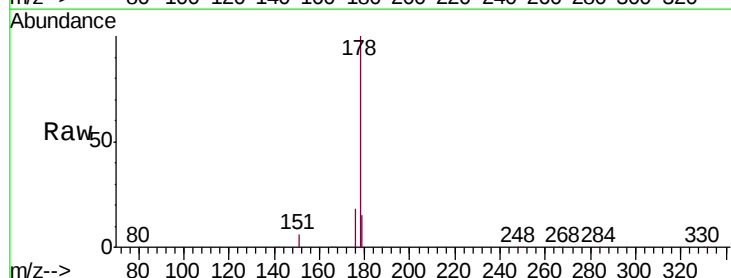
Tgt Ion:178 Resp: 350239

Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

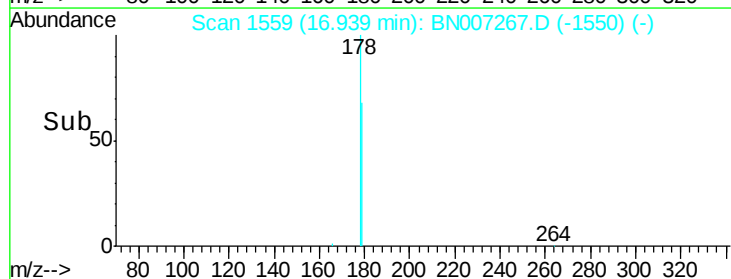
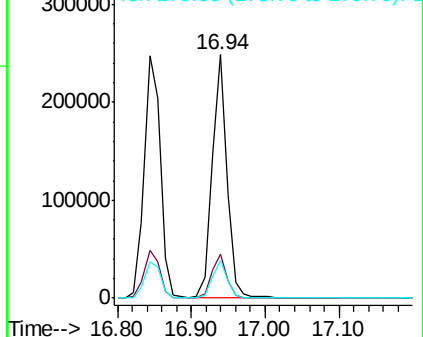
179 15.3 12.3 18.5

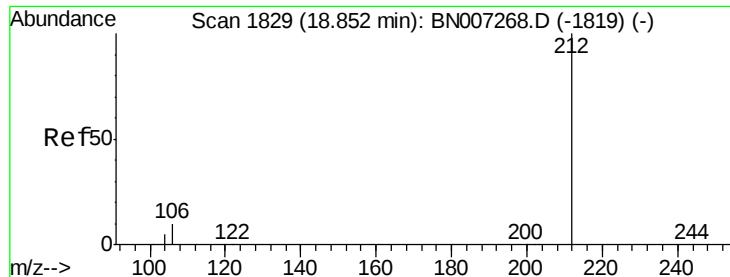


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.662 ng

RT: 18.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

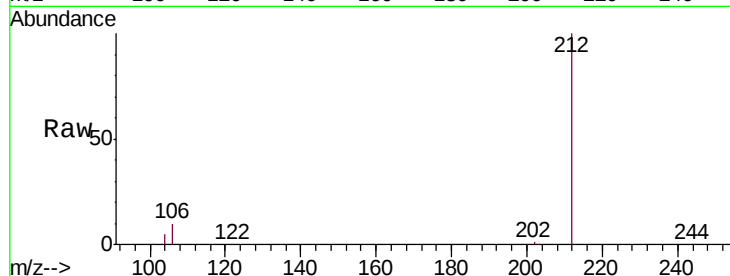
Tgt Ion:212 Resp: 377789

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.4

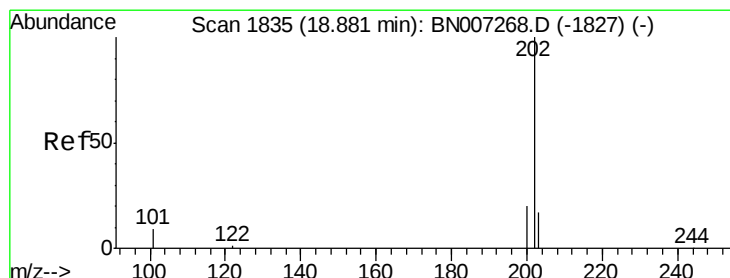
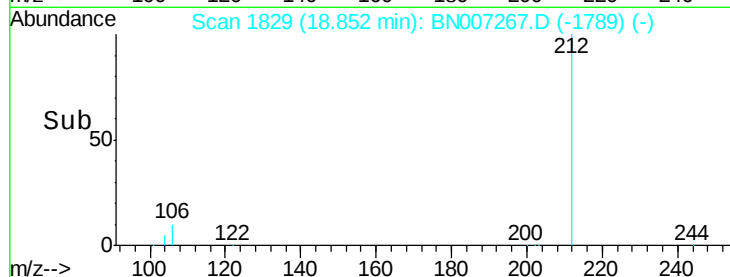
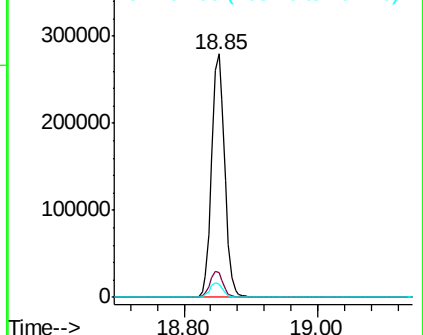
104 5.8 4.7 7.1



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: 5.820 ng

RT: 18.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

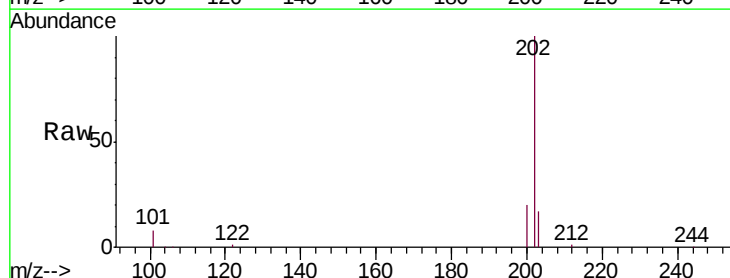
Tgt Ion:202 Resp: 447363

Ion Ratio Lower Upper

202 100

101 9.1 7.2 10.8

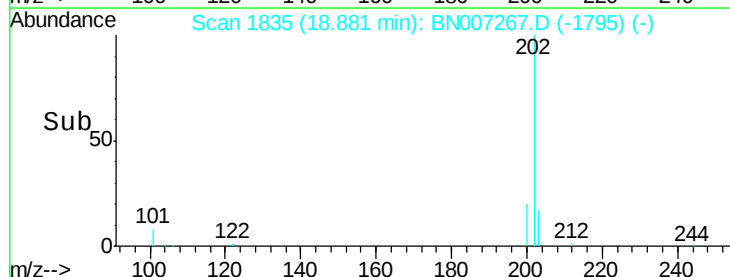
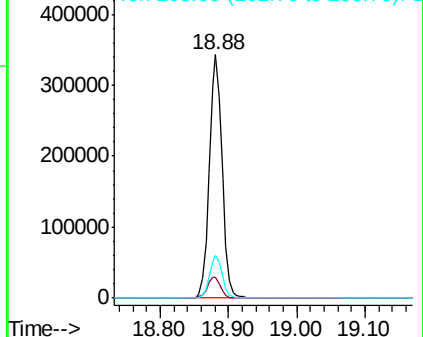
203 17.4 13.8 20.6



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: 21.03 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

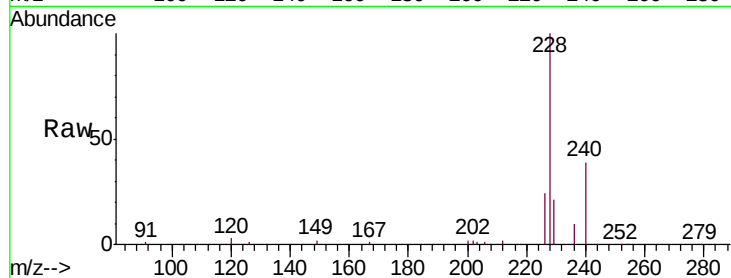
Tgt Ion:240 Resp: 23951

Ion Ratio Lower Upper

240 100

120 7.0 5.6 8.4

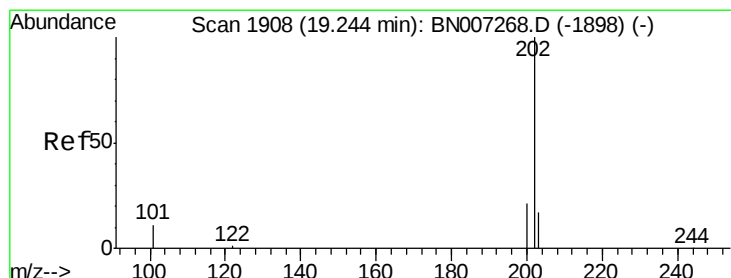
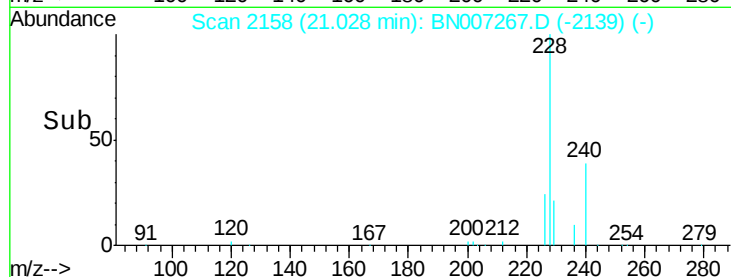
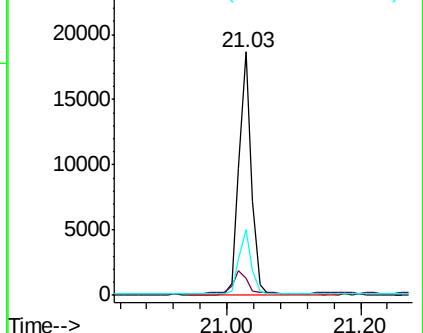
236 26.7 21.6 32.4



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: 5.431 ng

RT: 19.24 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

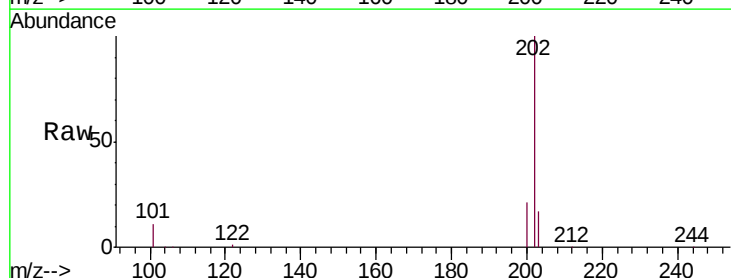
Tgt Ion:202 Resp: 452093

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

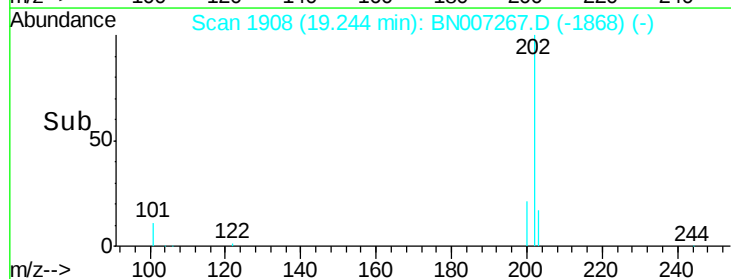
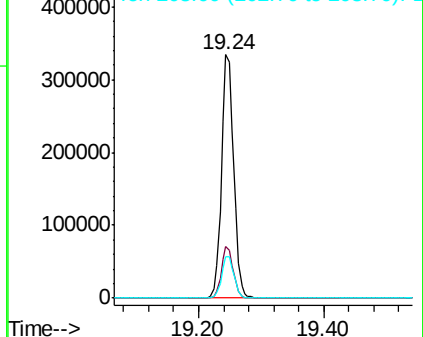
203 17.5 13.9 20.9



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: 5.654 ng

RT: 19.47 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

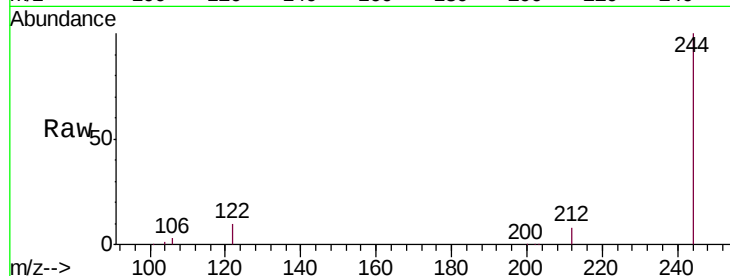
Tgt Ion:244 Resp: 298447

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

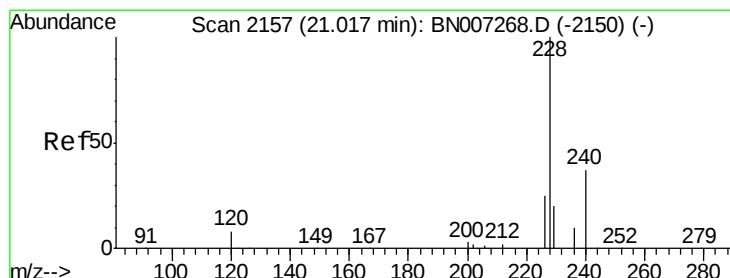
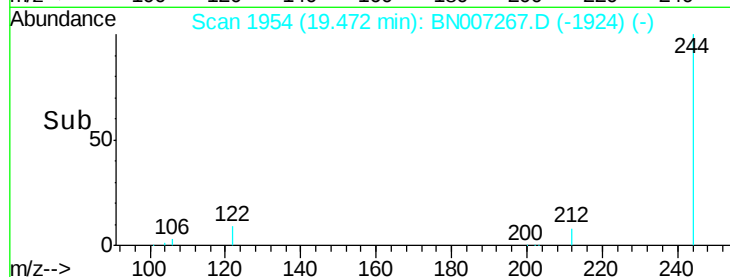
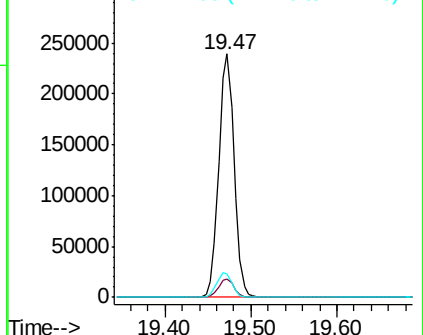
122 9.5 7.9 11.9



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: 6.456 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

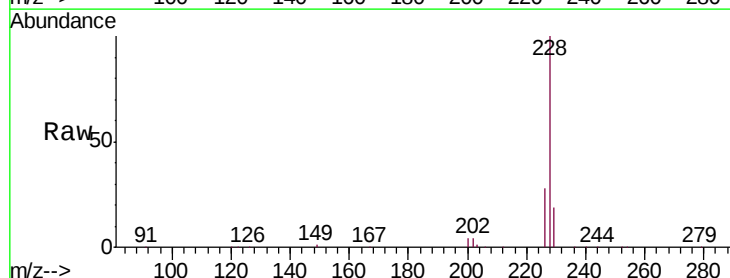
Tgt Ion:228 Resp: 476517

Ion Ratio Lower Upper

228 100

226 27.6 20.6 30.8

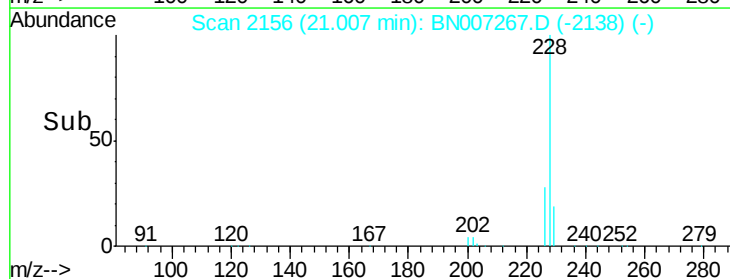
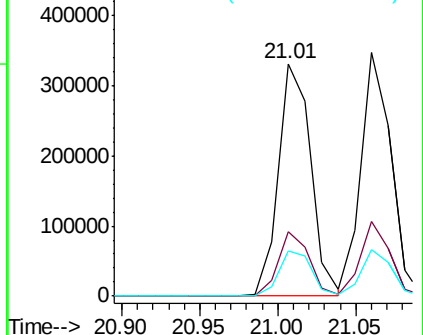
229 19.4 16.9 25.3

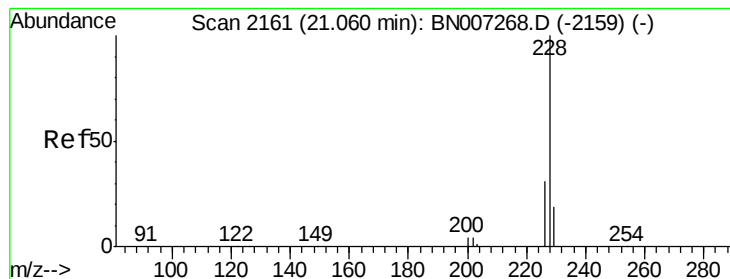


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 5.586 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

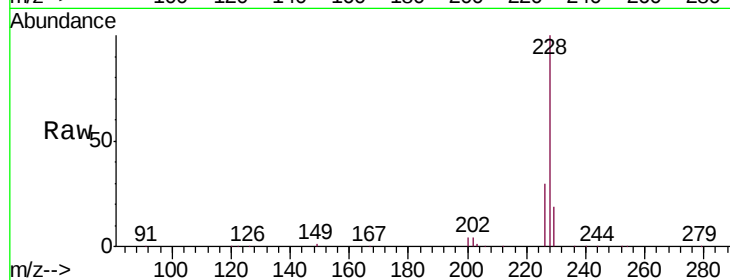
Tgt Ion:228 Resp: 462119

Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

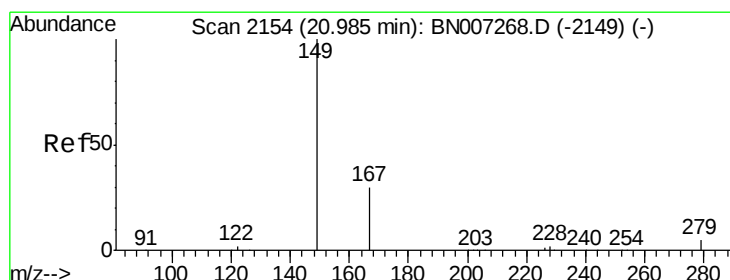
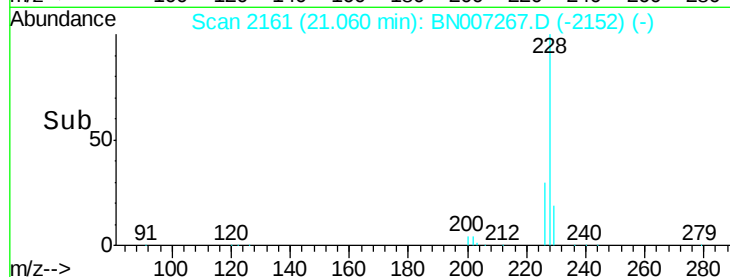
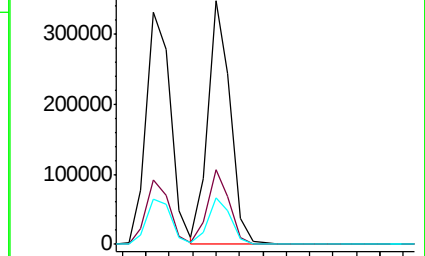
229 19.2 15.6 23.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 6.119 ng

RT: 20.99 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

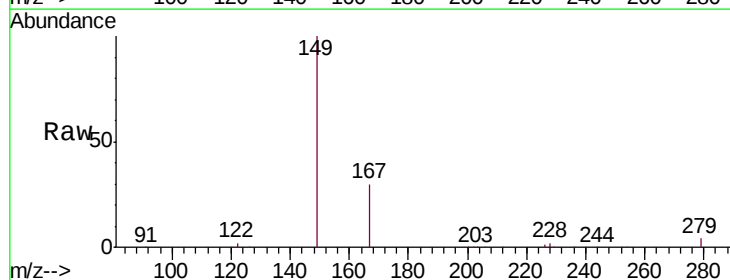
Tgt Ion:149 Resp: 210318

Ion Ratio Lower Upper

149 100

167 28.9 23.8 35.6

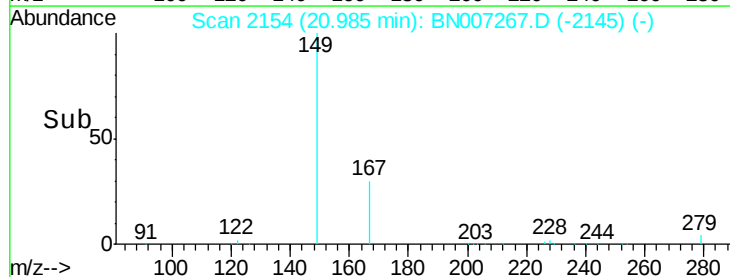
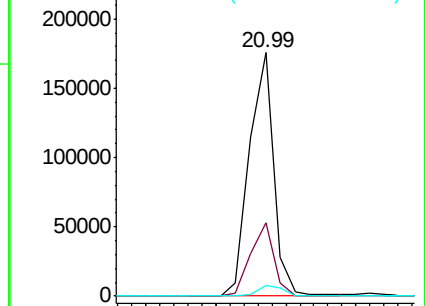
279 4.5 3.8 5.8

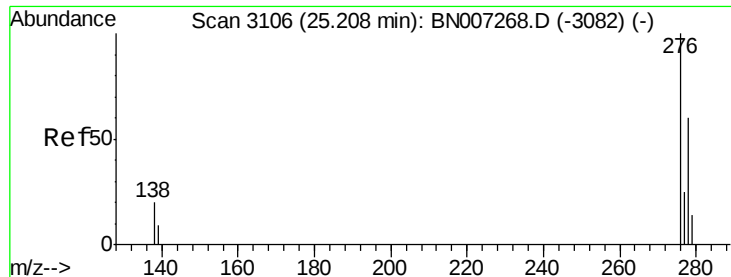


Abundance Ion 149.00 (148.70 to 149.70): E

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: 5.463 ng

RT: 25.20 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

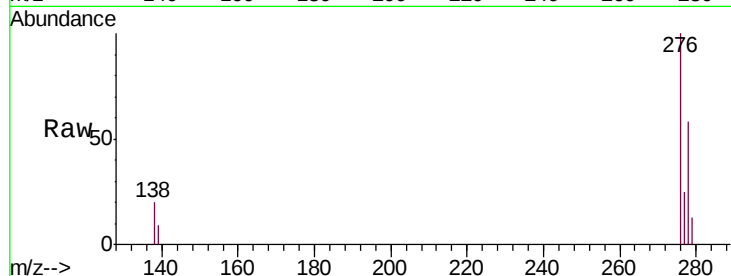
Tgt Ion:276 Resp: 553108

Ion Ratio Lower Upper

276 100

138 21.5 17.1 25.7

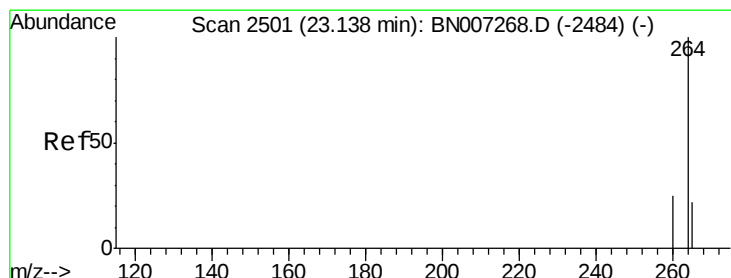
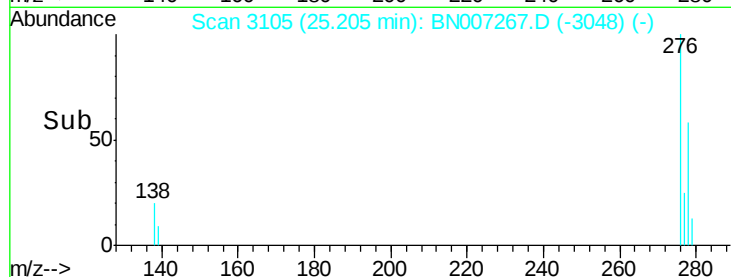
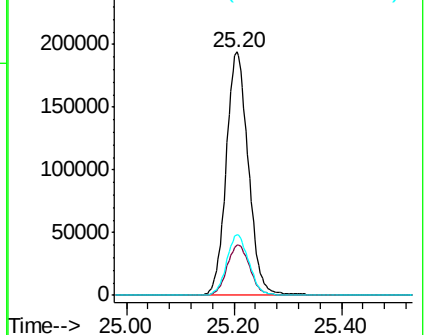
277 25.1 20.1 30.1



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: 23.13 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

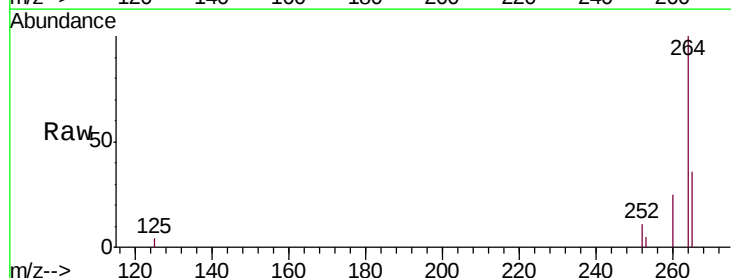
Tgt Ion:264 Resp: 23756

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

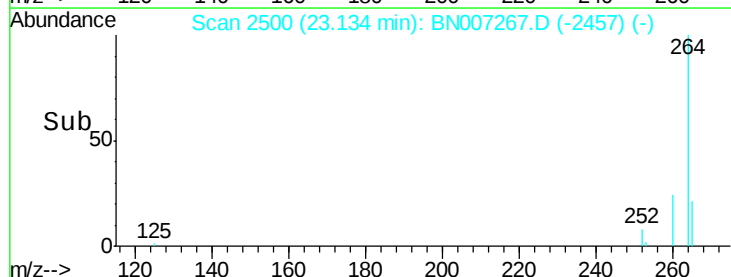
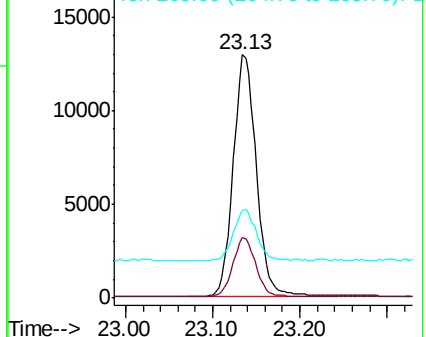
265 36.1 29.0 43.6

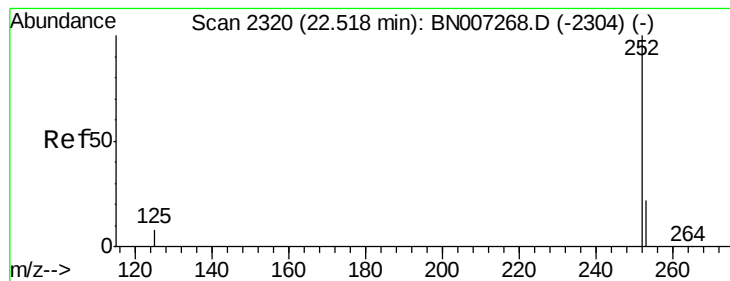


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 6.523 ng

RT: 22.51 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

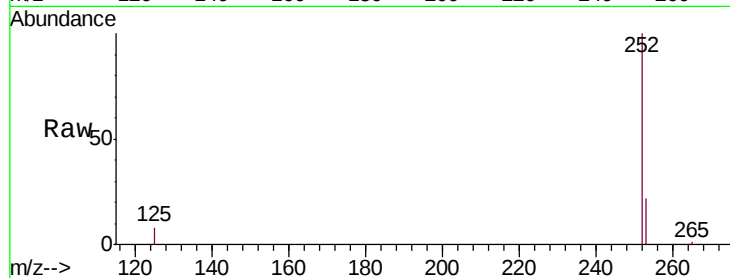
Tgt Ion:252 Resp: 486985

Ion Ratio Lower Upper

252 100

253 21.7 18.5 27.7

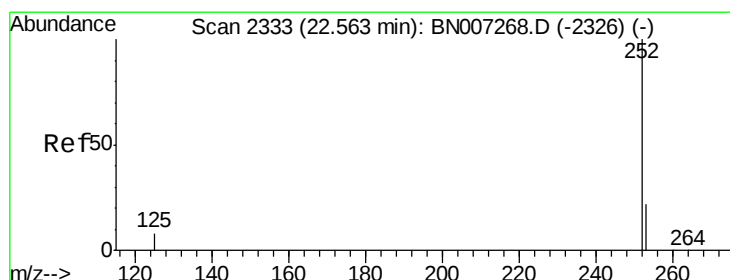
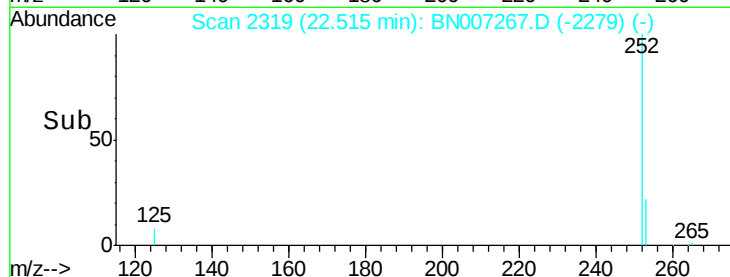
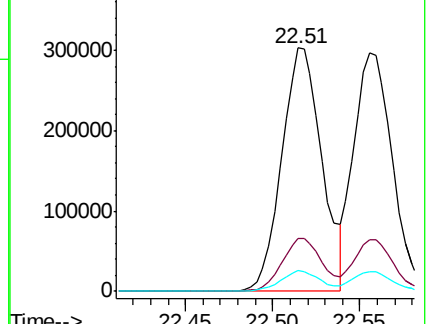
125 8.4 7.8 11.6



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: 5.487 ng

RT: 22.56 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

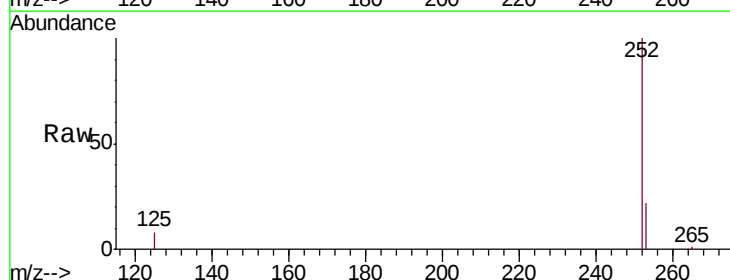
Tgt Ion:252 Resp: 459792

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

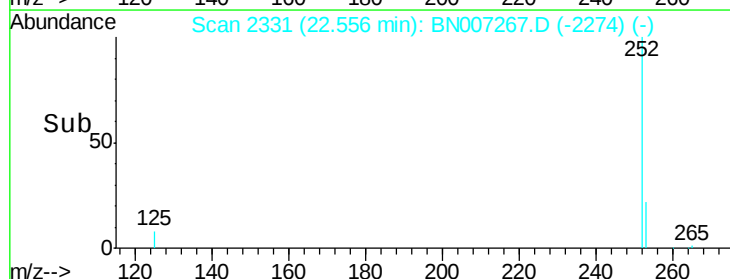
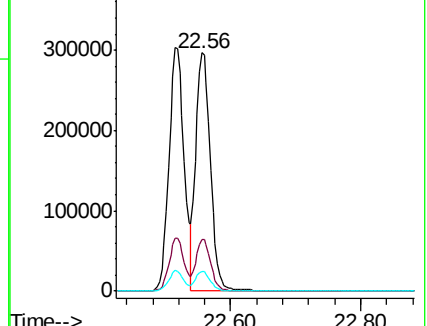
125 8.5 8.0 12.0



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





#37

Benzo(a)pyrene

Concen: 6.070 ng

RT: 23.05 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

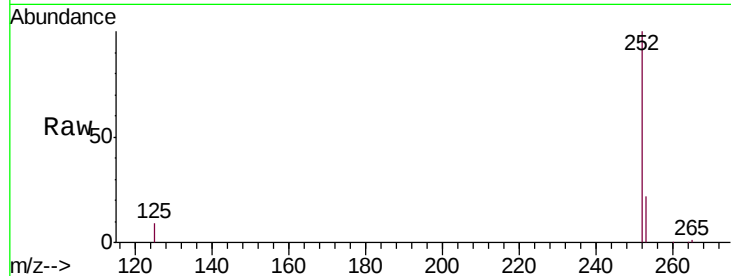
Tgt Ion:252 Resp: 439366

Ion Ratio Lower Upper

252 100

253 21.9 18.7 28.1

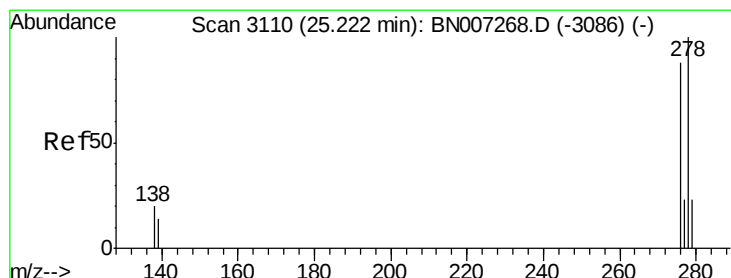
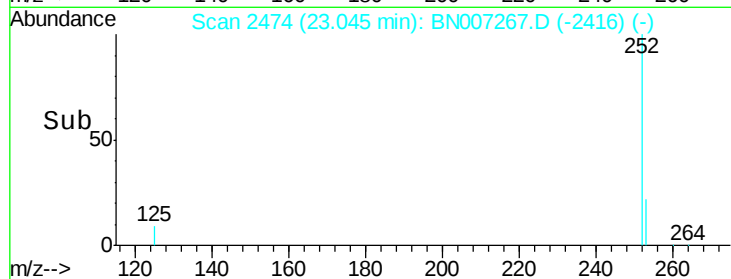
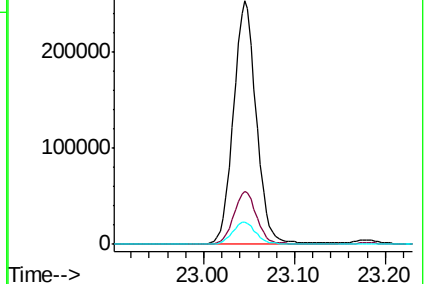
125 9.2 8.7 13.1



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: 6.143 ng

RT: 25.22 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BN007267.D

Acq: 20 Aug 2019 16:38

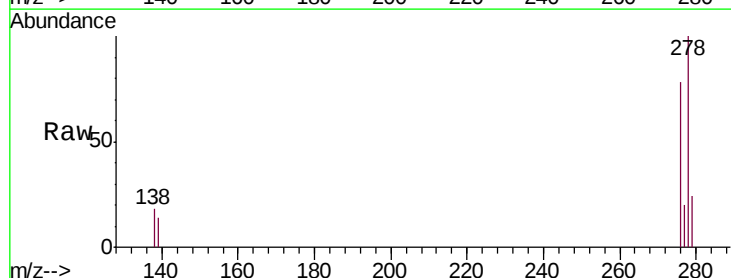
Tgt Ion:278 Resp: 448326

Ion Ratio Lower Upper

278 100

139 13.9 11.8 17.8

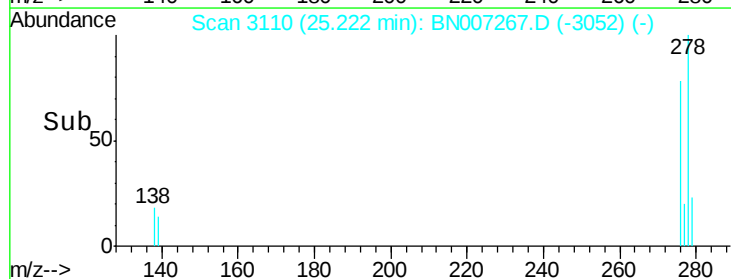
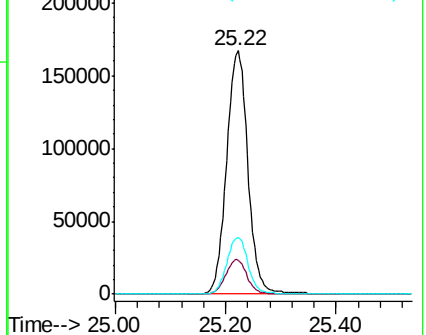
279 23.6 19.8 29.6

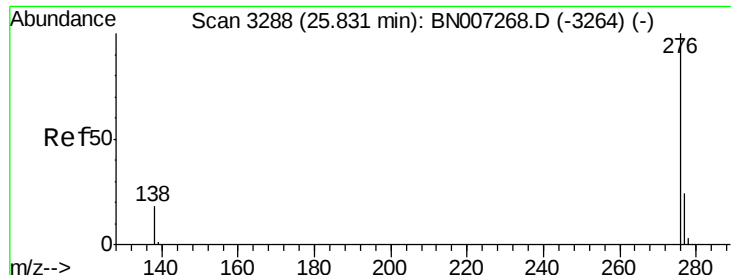


Abundance Ion 278.00 (277.70 to 278.70): E

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: 5.940 ng

RT: 25.83 min Scan# 3288

Delta R.T. 0.00 min

Lab File: BN007267.D

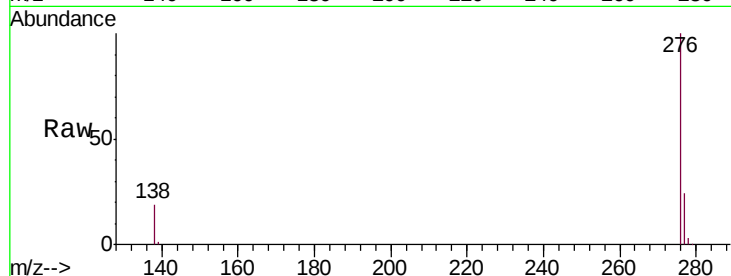
Acq: 20 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0



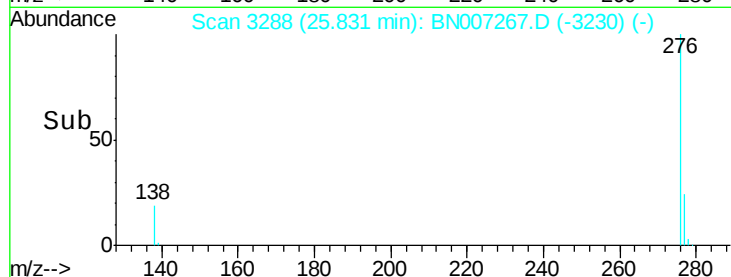
Tgt Ion: 276 Resp: 454252

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 18.6 15.3 22.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

