

Data File : BN007348.D
Acq On : 24 Aug 2019 04:02
Operator : HP/JU
Sample : K4470-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119

Quant Time: Aug 24 07:35:05 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 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4401	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	18459	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	10206	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	23062	0.40	ng	0.00
27) Chrysene-d12	21.02	240	25710	0.40	ng	0.00
34) Perylene-d12	23.12	264	29845	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	3174	0.19	ng	0.00
5) Phenol-d6	6.60	99	4135	0.20	ng	0.00
8) Nitrobenzene-d5	8.53	82	3328	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	6435	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1246	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	7703	0.19	ng	0.00
25) Fluoranthene-d10	18.84	212	12902	0.17	ng	0.00
29) Terphenyl-d14	19.46	244	9911	0.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.20	128	17083	0.324	ng	# 92
12) 2-Methylnaphthalene	11.83	142	7968	0.222	ng	99
16) Acenaphthylene	13.76	152	13466	0.223	ng	98
17) Acenaphthene	14.11	154	84382	2.388	ng	98
18) Fluorene	15.10	166	88676	1.984	ng	99
22) Pentachlorophenol	16.46	266	170	0.035	ng	93
23) Phenanthrene	16.84	178	1955060	28.183	ng	100
24) Anthracene	16.93	178	312279	4.476	ng	# 92
26) Fluoranthene	18.88	202	3732260	41.904	ng	98
28) Pyrene	19.24	202	3218769	31.122	ng	# 94
30) Benzo(a)anthracene	21.00	228	1829667	18.121	ng	98
31) Chrysene	21.06	228	1754222	18.000	ng	98
32) Bis(2-ethylhexyl)phthalate	20.97	149	36766	0.544	ng	90
33) Indeno(1,2,3-cd)pyrene	25.19	276	1117106	9.515	ng	98
35) Benzo(b)fluoranthene	22.67	252	251235	2.323	ng	93
36) Benzo(k)fluoranthene	22.51	252	2391232	22.375	ng	# 91
37) Benzo(a)pyrene	23.17	252	432318	4.201	ng	97
38) Dibenzo(a,h)anthracene	25.20	278	282460	2.751	ng	96
39) Benzo(g,h,i)perylene	25.82	276	1087487	10.630	ng	96

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

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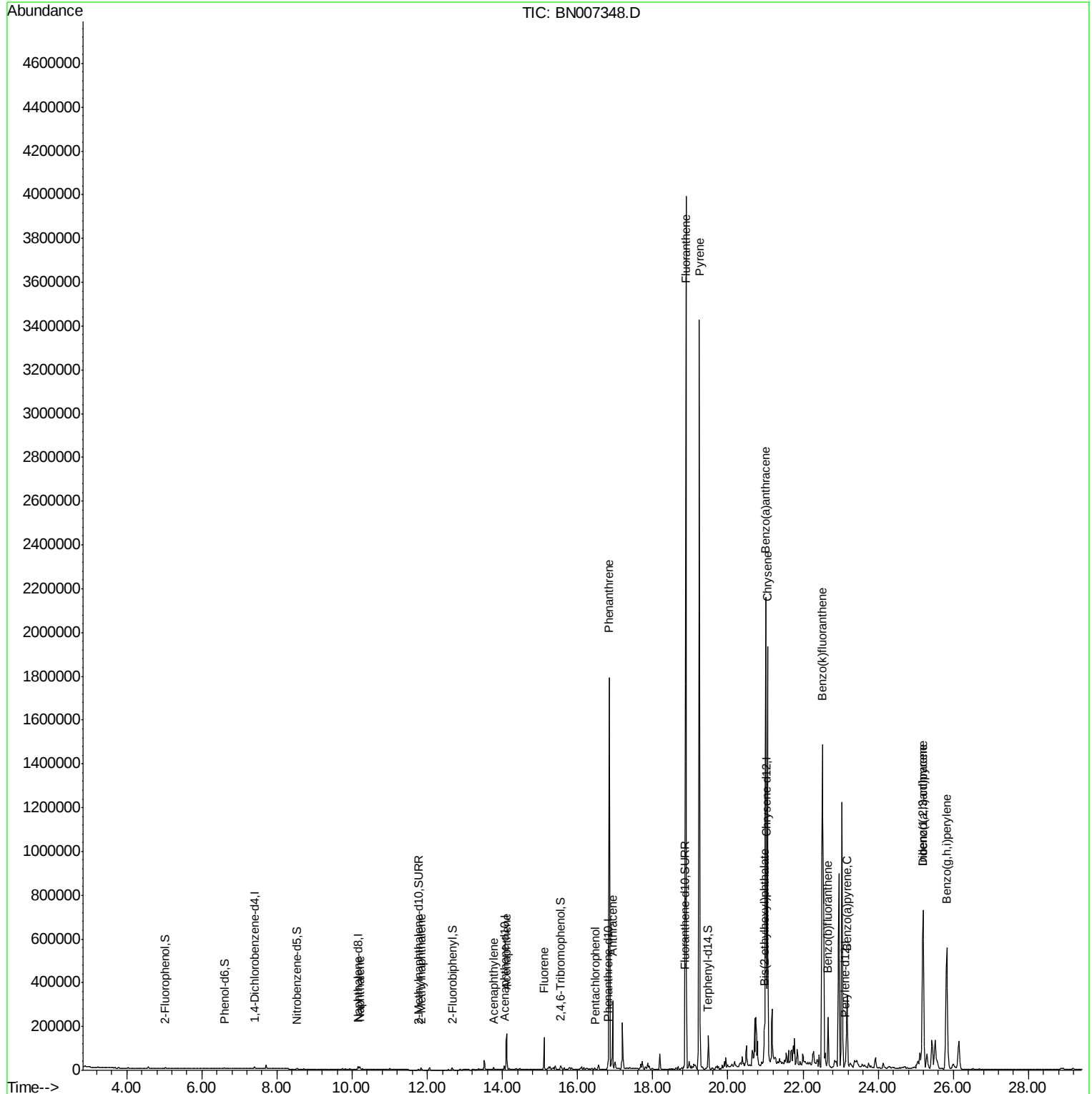
Quant Time: Aug 24 07:35:05 2019

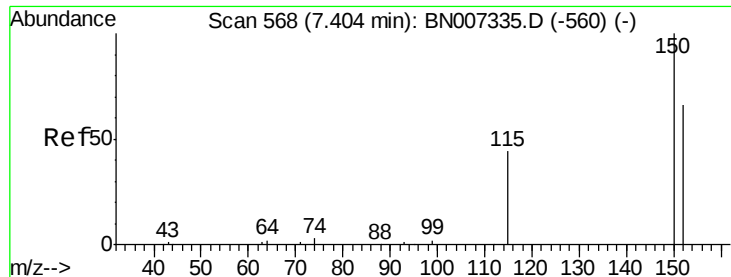
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M

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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: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119

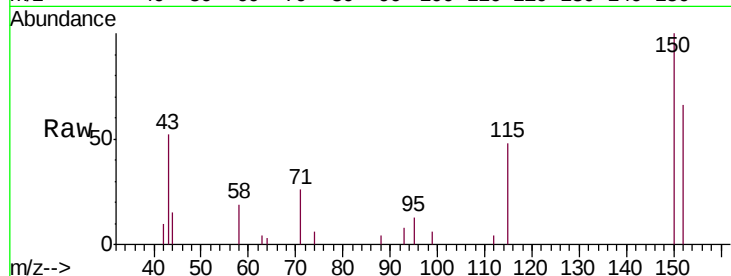
Tgt Ion:152 Resp: 4401

Ion Ratio Lower Upper

152 100

150 151.2 109.1 163.7

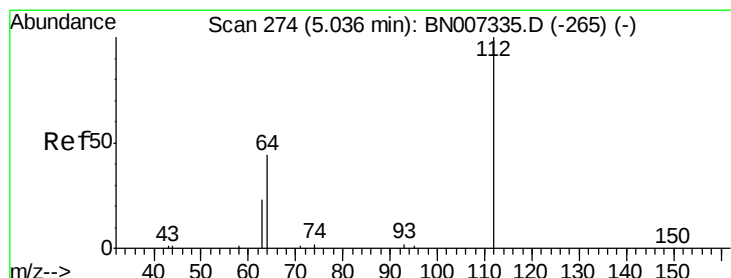
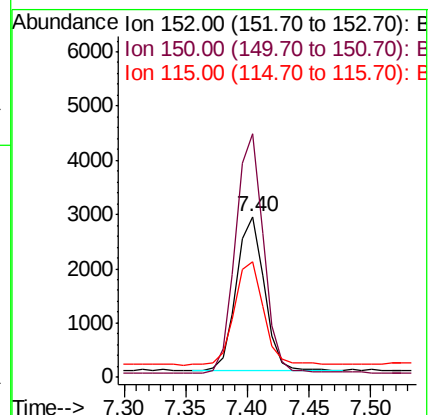
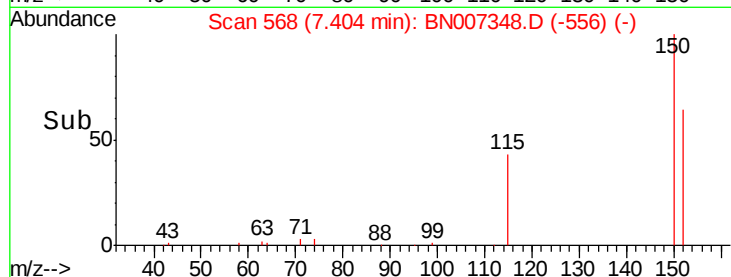
115 72.0 59.6 89.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.193 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

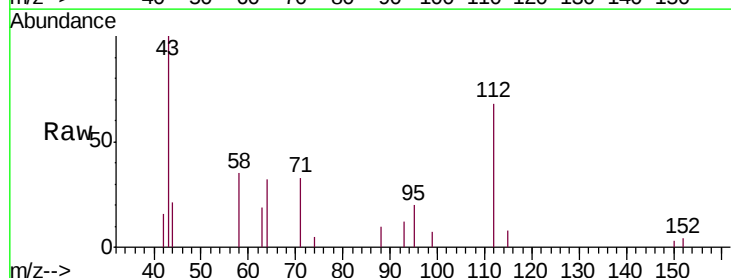
Tgt Ion:112 Resp: 3174

Ion Ratio Lower Upper

112 100

64 52.7 42.3 63.5

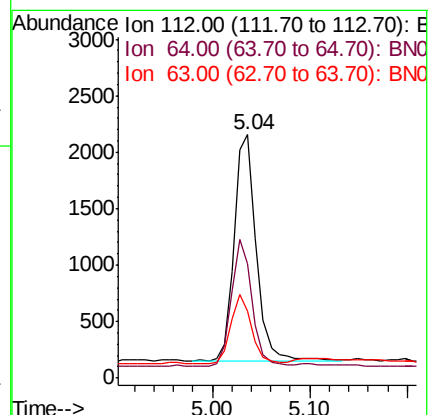
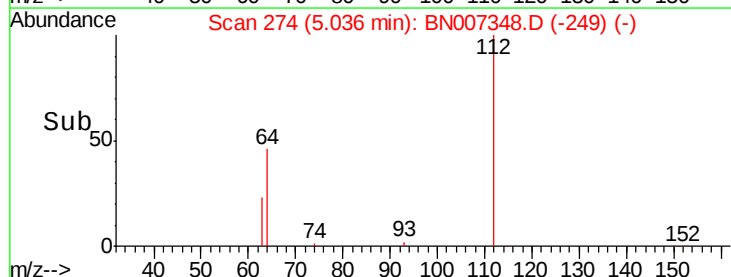
63 28.4 23.6 35.4

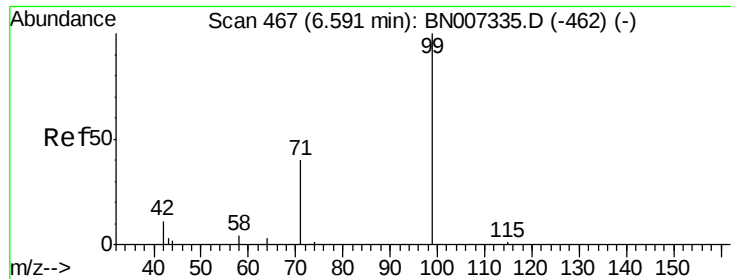


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.198 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.01 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119

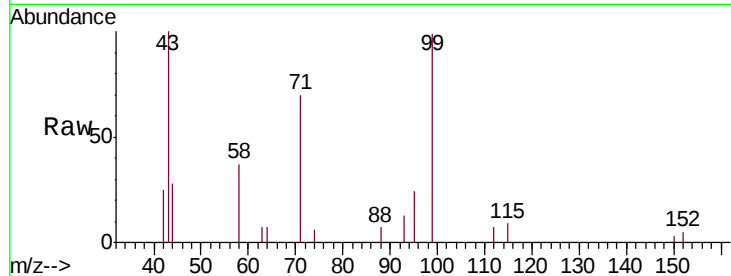
Tgt Ion: 99 Resp: 4135

Ion Ratio Lower Upper

99 100

42 14.2 11.2 16.8

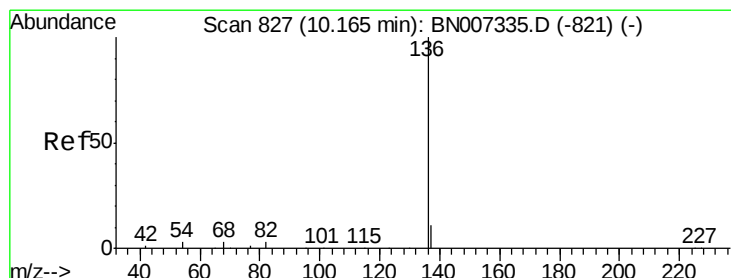
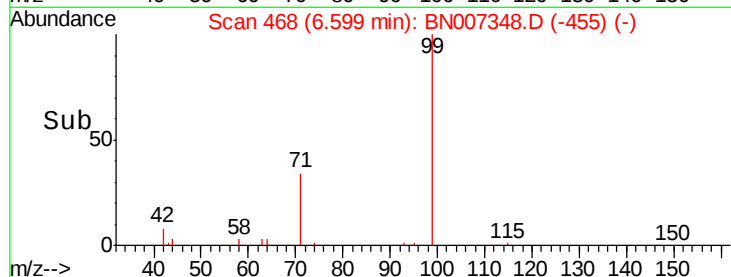
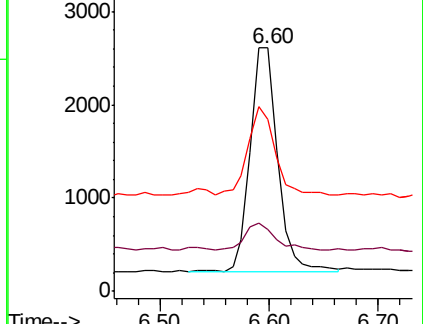
71 40.0 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Tgt Ion: 136 Resp: 18459

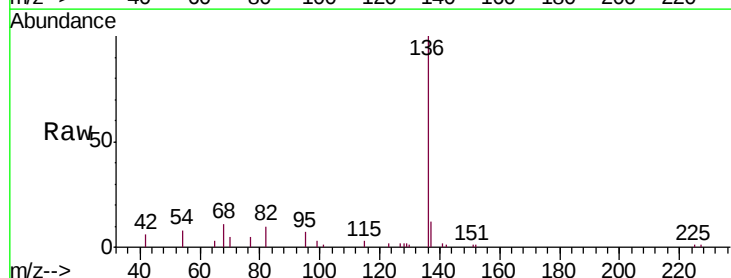
Ion Ratio Lower Upper

136 100

137 12.1 12.9 19.3#

54 7.7 8.6 12.8#

68 10.7 17.0 25.4#

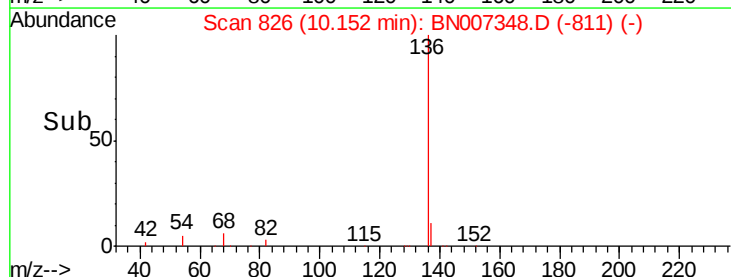
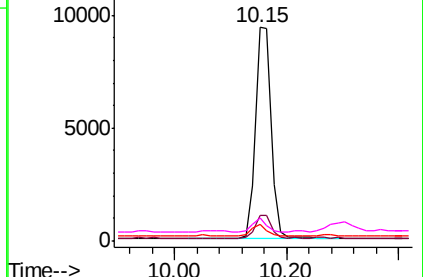


Abundance Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

Ion 137.00 (136.70 to 137.70): BN007335.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BN007335.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007335.D (-821) (-)





#8

Nitrobenzene-d5

Concen: 0.207 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119

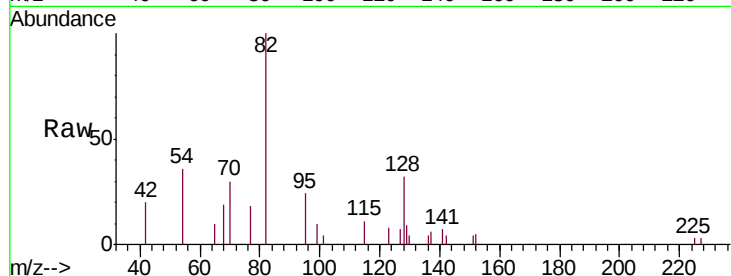
Tgt Ion: 82 Resp: 3328

Ion Ratio Lower Upper

82 100

128 31.5 19.7 29.5#

54 36.0 25.8 38.6

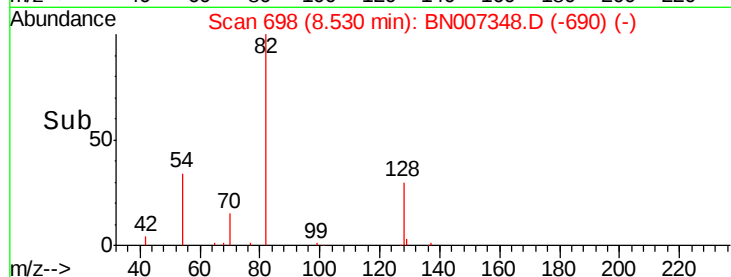


Abundance Ion 82.00 (81.70 to 82.70): BN007335.D (-695) (-)

Ion 128.00 (127.70 to 128.70): BN007335.D (-695) (-)

Ion 54.00 (53.70 to 54.70): BN007335.D (-695) (-)

Time-->

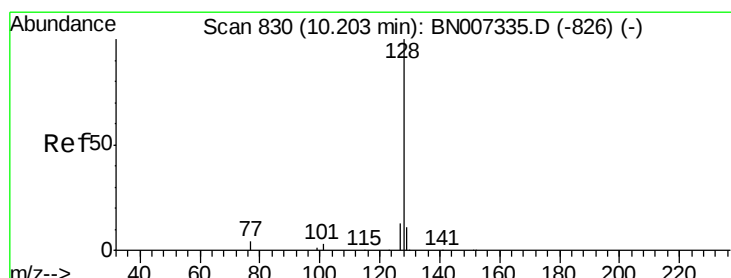


Abundance Ion 82.00 (81.70 to 82.70): BN007348.D (-690) (-)

Ion 128.00 (127.70 to 128.70): BN007348.D (-690) (-)

Ion 54.00 (53.70 to 54.70): BN007348.D (-690) (-)

Time-->



#9

Naphthalene

Concen: 0.324 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

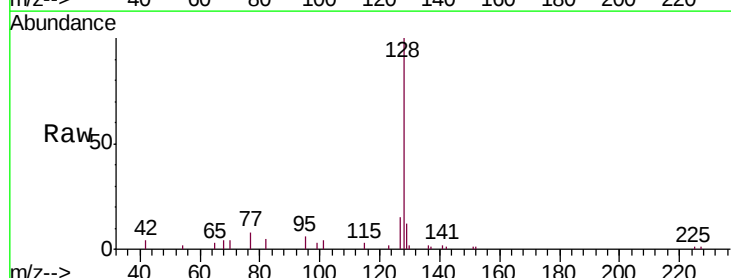
Tgt Ion: 128 Resp: 17083

Ion Ratio Lower Upper

128 100

129 12.4 11.1 16.7

127 14.7 15.5 23.3#

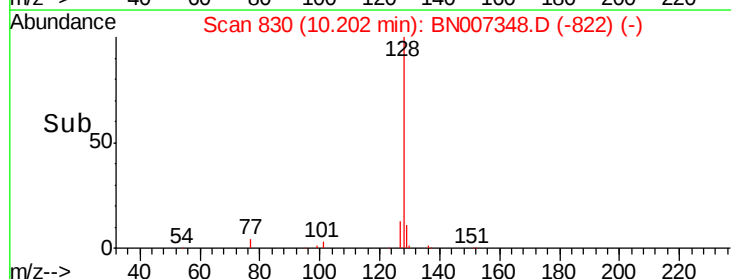


Abundance Ion 128.00 (127.70 to 128.70): BN007335.D (-826) (-)

Ion 129.00 (128.70 to 129.70): BN007335.D (-826) (-)

Ion 127.00 (126.70 to 127.70): BN007335.D (-826) (-)

Time-->



Abundance Ion 128.00 (127.70 to 128.70): BN007348.D (-822) (-)

Ion 129.00 (128.70 to 129.70): BN007348.D (-822) (-)

Ion 127.00 (126.70 to 127.70): BN007348.D (-822) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.210 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

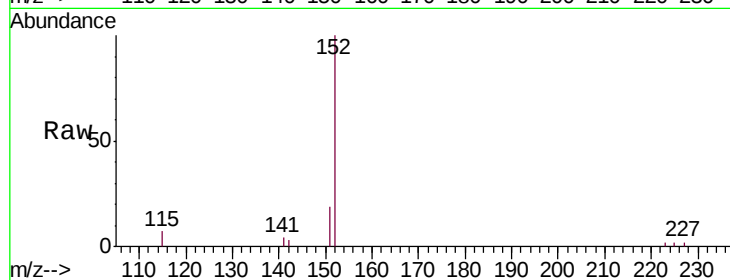
S703-N-0.0-0.5-082119

Tgt Ion:152 Resp: 6435

Ion Ratio Lower Upper

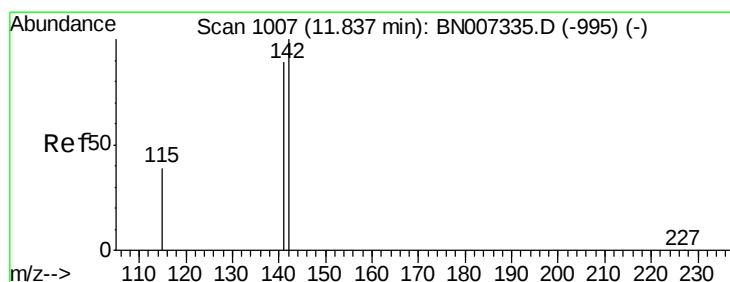
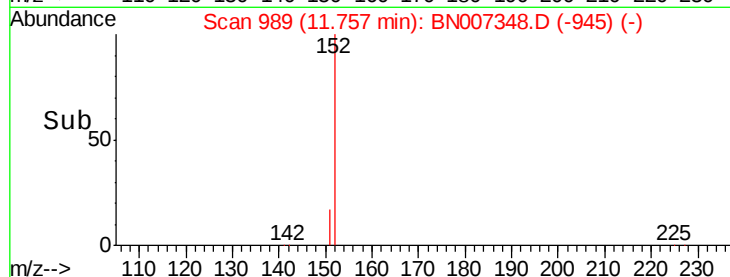
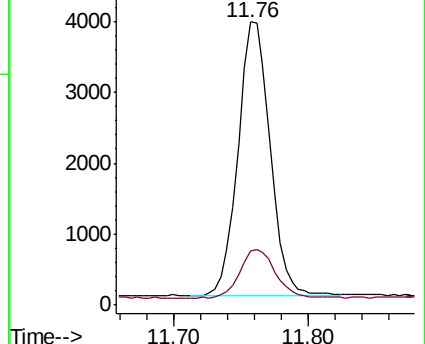
152 100

151 19.5 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: 0.222 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

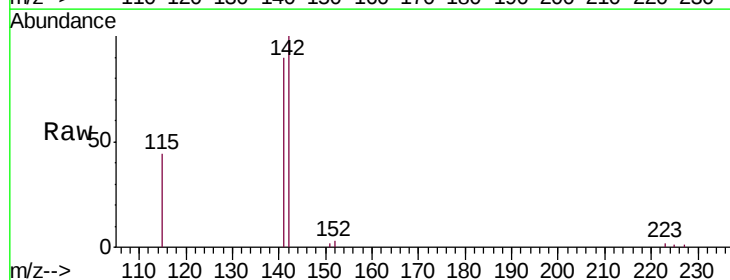
Tgt Ion:142 Resp: 7968

Ion Ratio Lower Upper

142 100

141 90.0 72.8 109.2

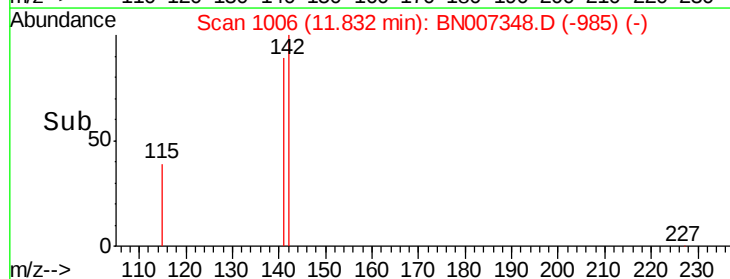
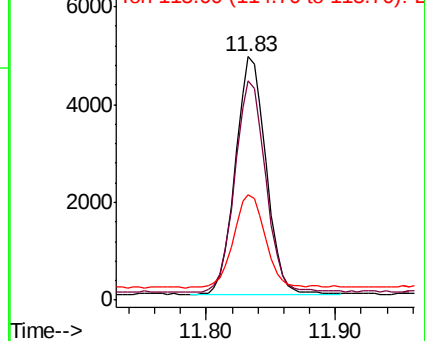
115 43.5 35.2 52.8



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. -0.01 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

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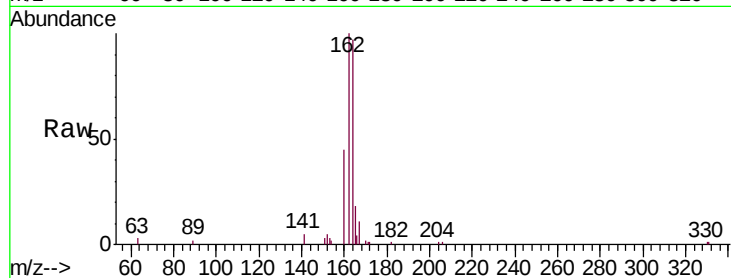
Tgt Ion:164 Resp: 10206

Ion Ratio Lower Upper

164 100

162 103.1 83.5 125.3

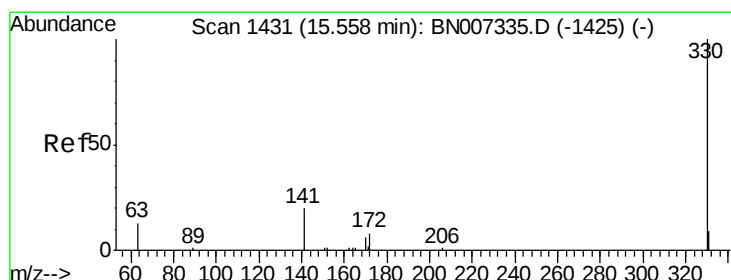
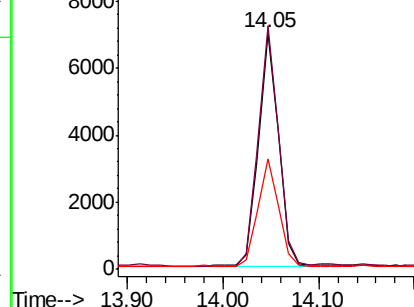
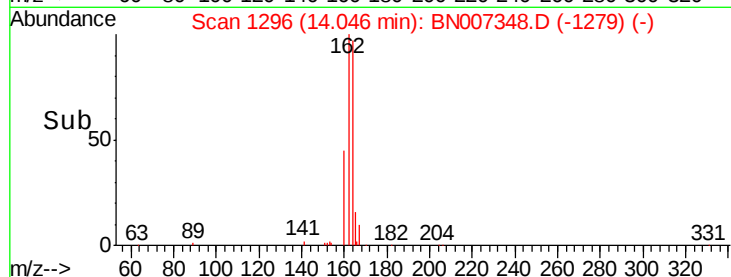
160 46.8 38.2 57.4



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: 0.233 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

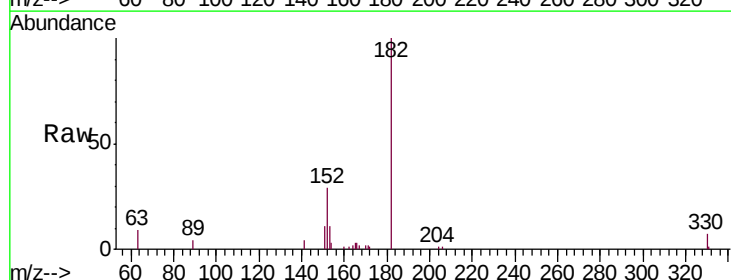
Tgt Ion:330 Resp: 1246

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

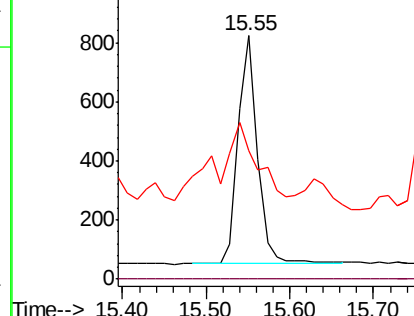
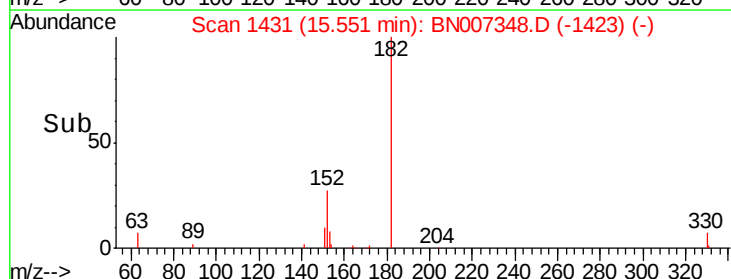
141 63.2 26.9 40.3#



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

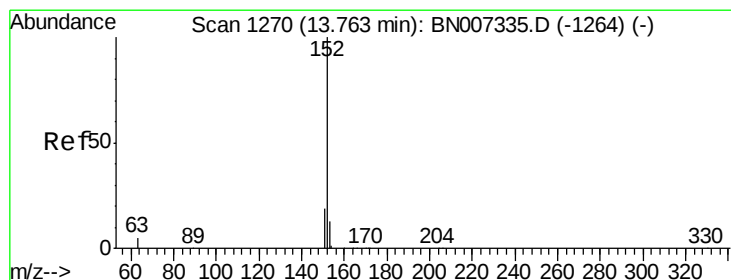
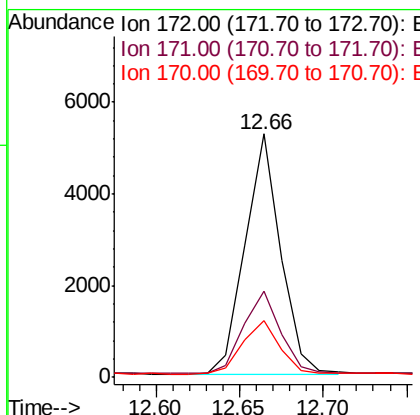
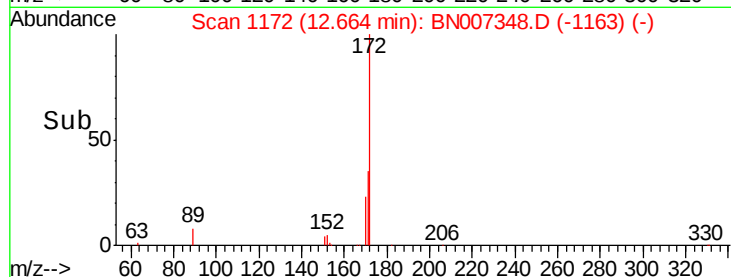
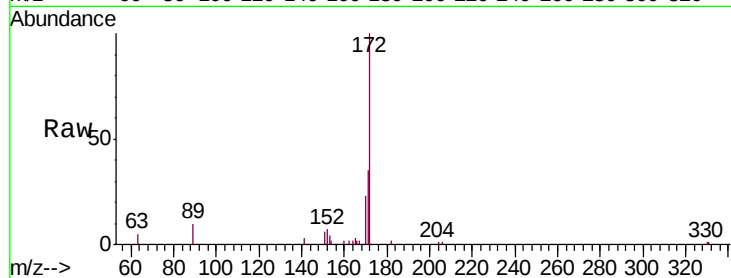




#15
2-Fluorobiphenyl
Concen: 0.187 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007348.D
Acq: 24 Aug 2019 04:02

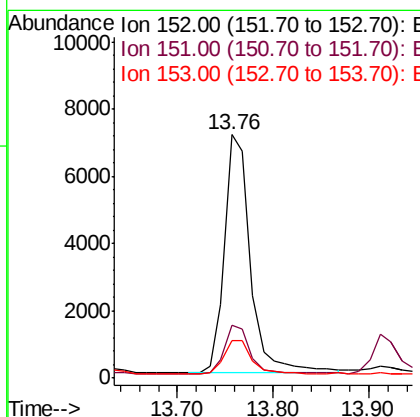
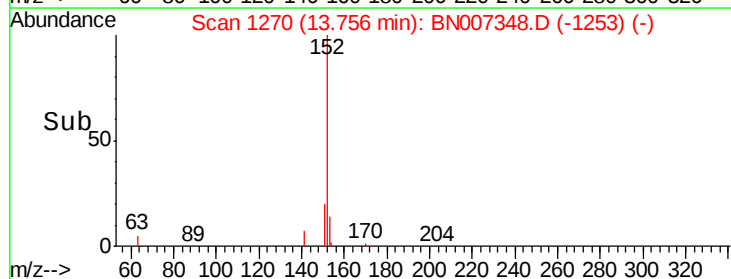
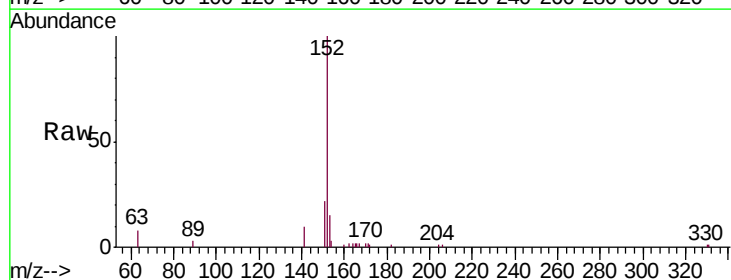
Instrument :
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Tgt Ion:172 Resp: 7703
Ion Ratio Lower Upper
172 100
171 35.2 30.3 45.5
170 23.5 20.7 31.1



#16
Acenaphthylene
Concen: 0.223 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007348.D
Acq: 24 Aug 2019 04:02

Tgt Ion:152 Resp: 13466
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 15.2 10.6 15.8





#17

Acenaphthene

Concen: 2.388 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119

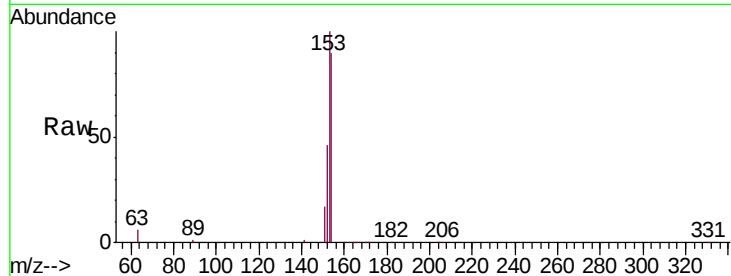
Tgt Ion:154 Resp: 84382

Ion Ratio Lower Upper

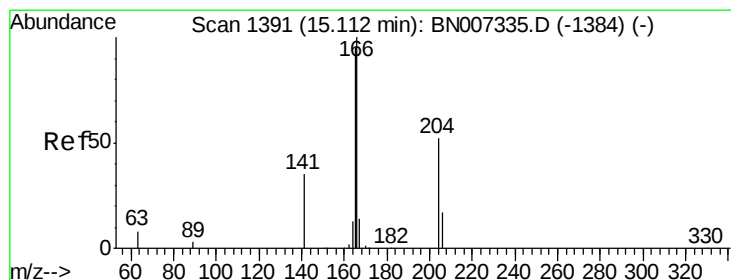
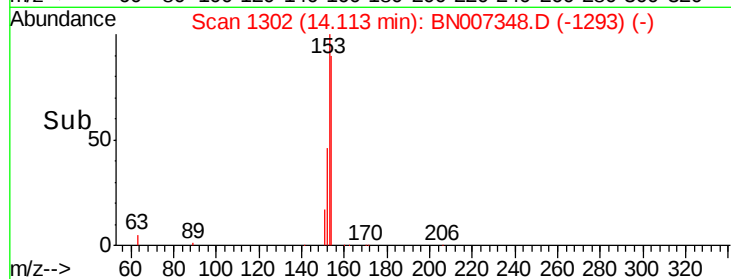
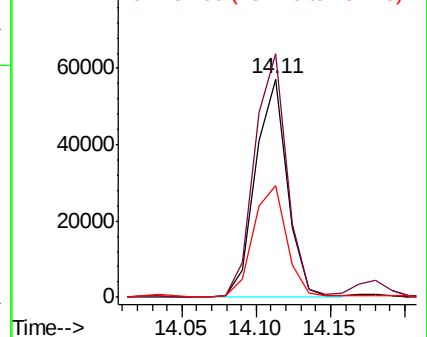
154 100

153 113.5 92.8 139.2

152 54.4 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: 1.984 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

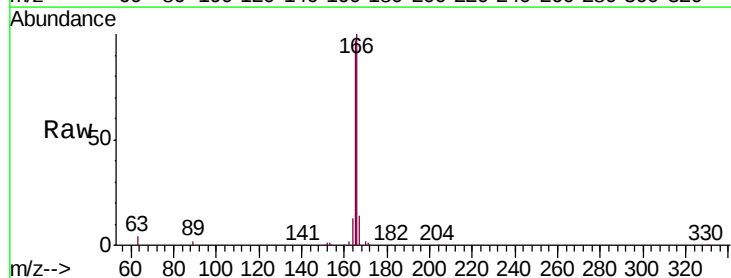
Tgt Ion:166 Resp: 88676

Ion Ratio Lower Upper

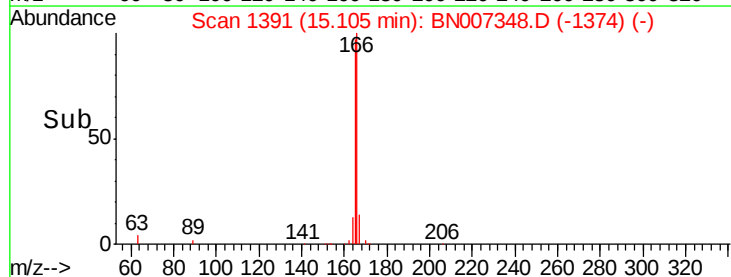
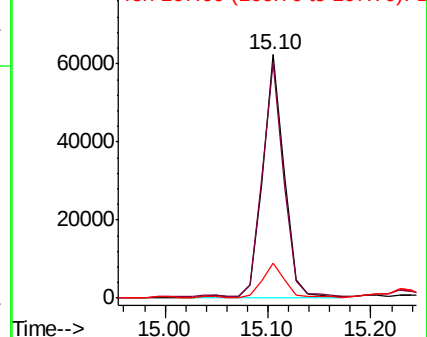
166 100

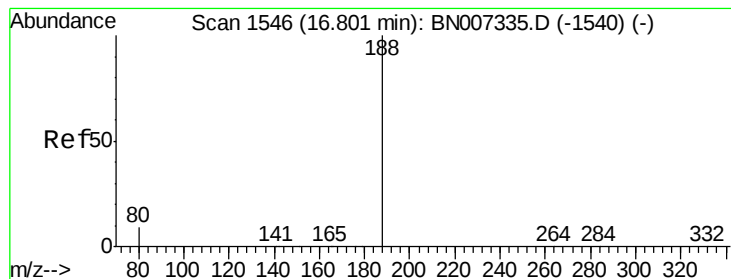
165 97.7 79.0 118.4

167 14.6 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# 1547

Delta R.T. 0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119

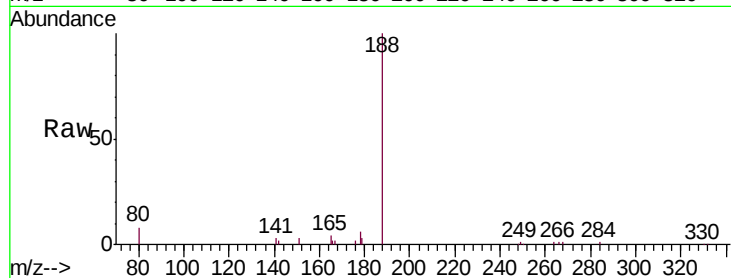
Tgt Ion:188 Resp: 23062

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

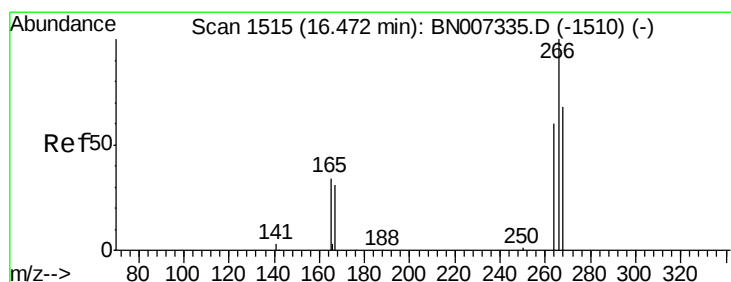
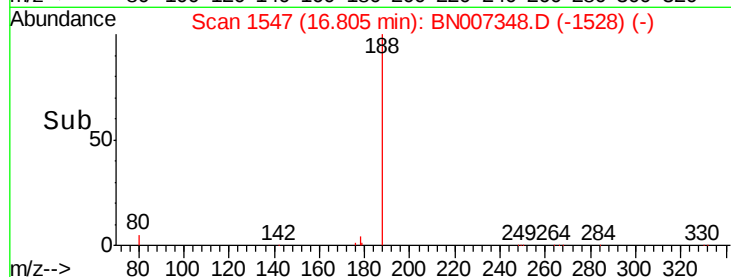
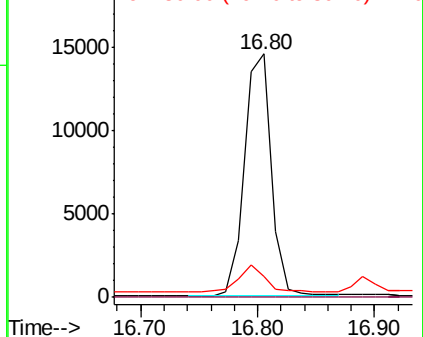
80 8.5 11.8 17.8#



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



#22

Pentachlorophenol

Concen: 0.035 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

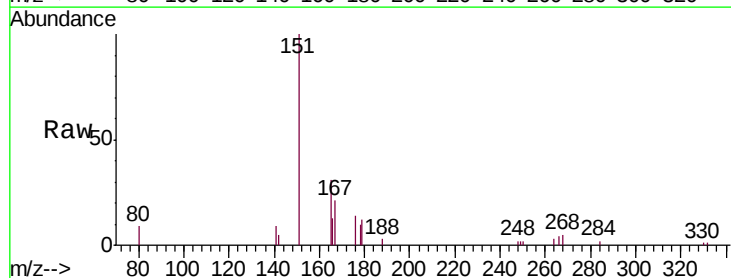
Tgt Ion:266 Resp: 170

Ion Ratio Lower Upper

266 100

264 81.1 57.8 86.8

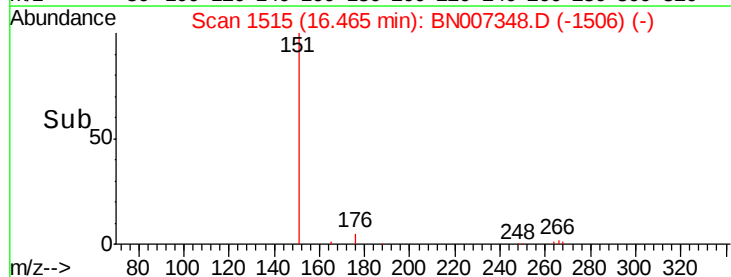
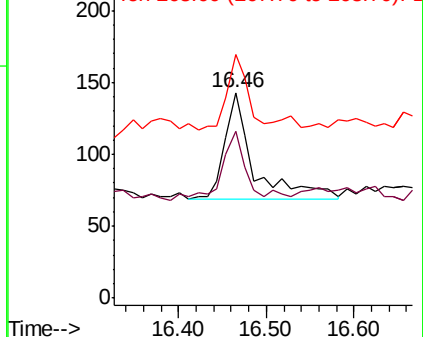
268 118.2 99.7 149.5

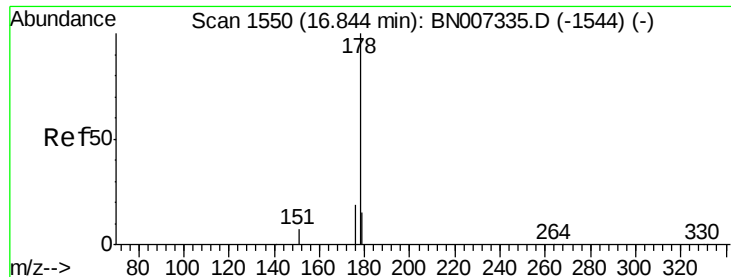


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 28.183 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

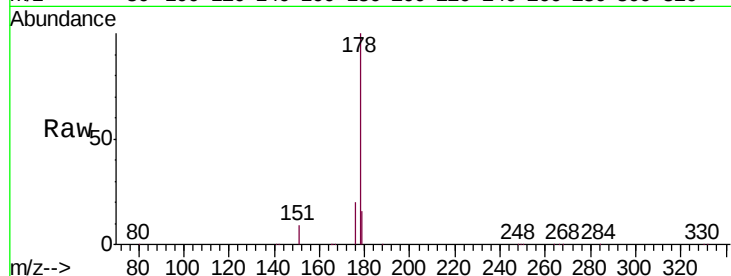
BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119

Tgt Ion:178 Resp: 1955060

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.7	12.6	19.0

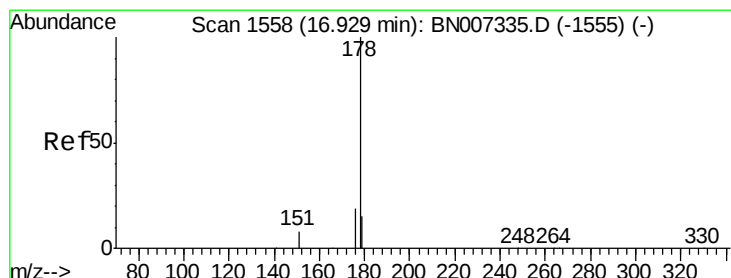
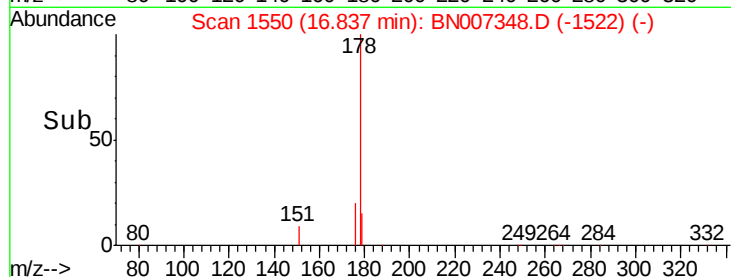
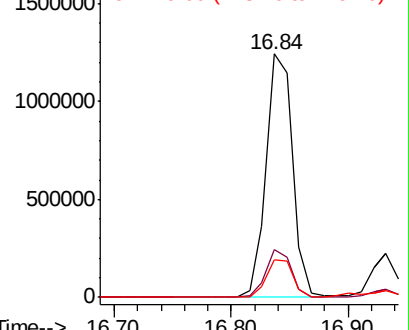


Abundance

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: 4.476 ng

RT: 16.93 min Scan# 1559

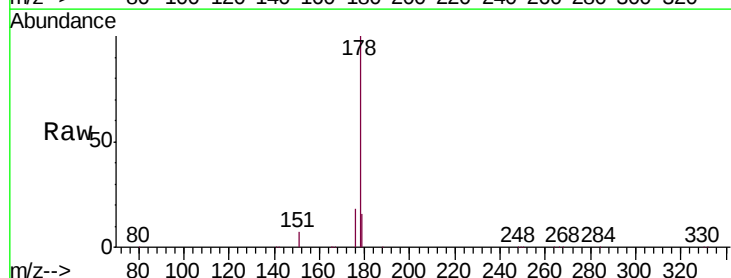
Delta R.T. 0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Tgt Ion:178 Resp: 312279

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	22.4	12.4	18.6

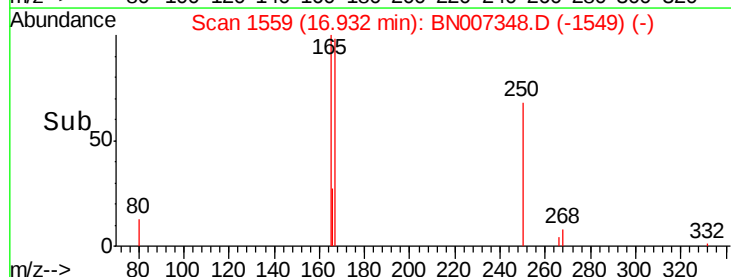
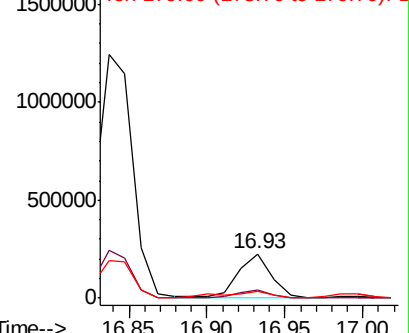


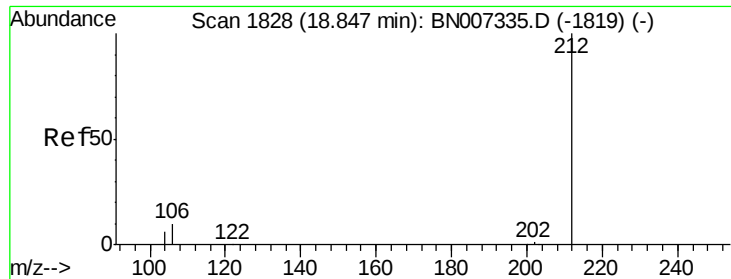
Abundance

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

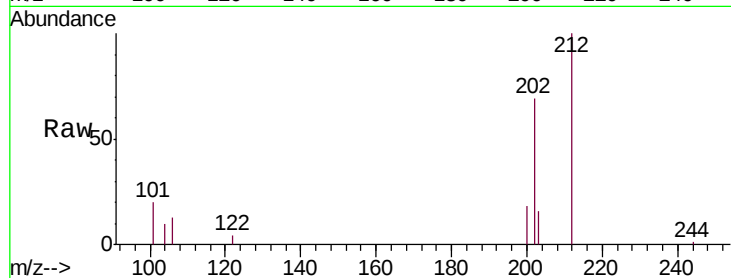




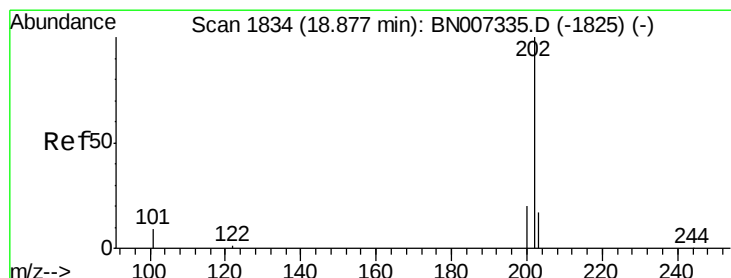
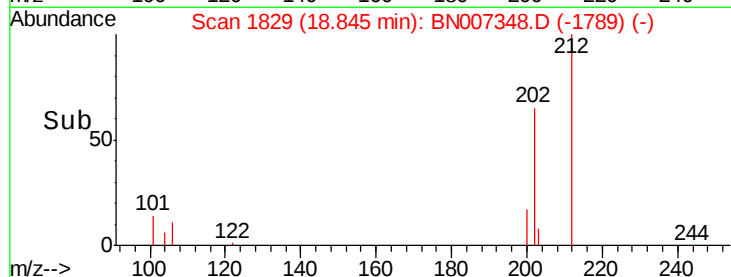
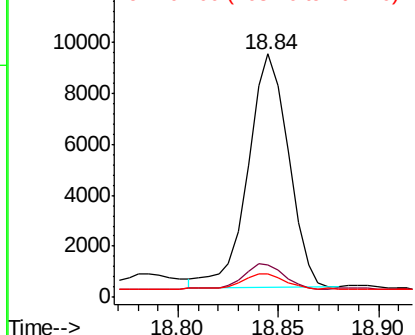
#25
 Fluoranthene-d10
 Concen: 0.174 ng
 RT: 18.84 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BN007348.D
 Acq: 24 Aug 2019 04:02

Instrument :
 BNA_N
 ClientSampleId :
 S703-N-0.0-0.5-082119

Tgt Ion: 212 Resp: 12902
 Ion Ratio Lower Upper
 212 100
 106 11.6 9.0 13.4
 104 8.1 5.4 8.2

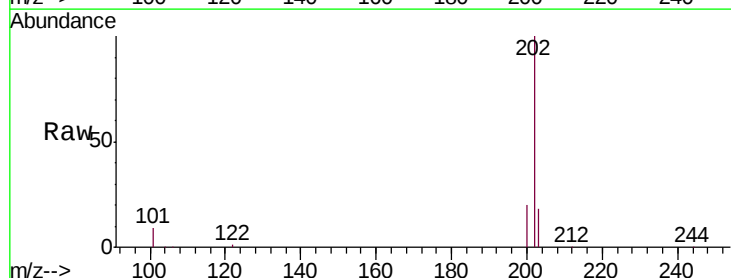


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

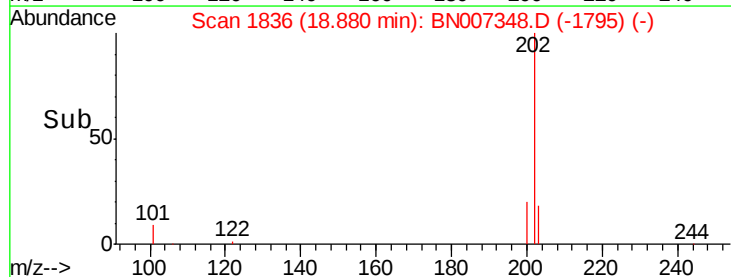
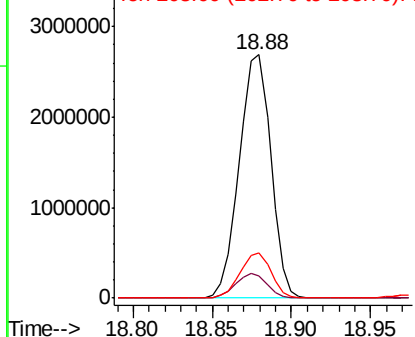


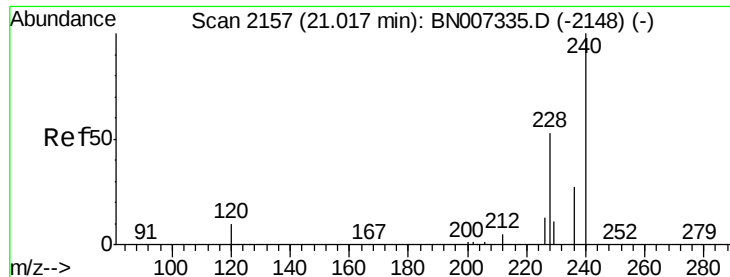
#26
 Fluoranthene
 Concen: 41.904 ng
 RT: 18.88 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BN007348.D
 Acq: 24 Aug 2019 04:02

Tgt Ion: 202 Resp: 3732260
 Ion Ratio Lower Upper
 202 100
 101 9.8 7.7 11.5
 203 18.0 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# 2158

Delta R.T. -0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119

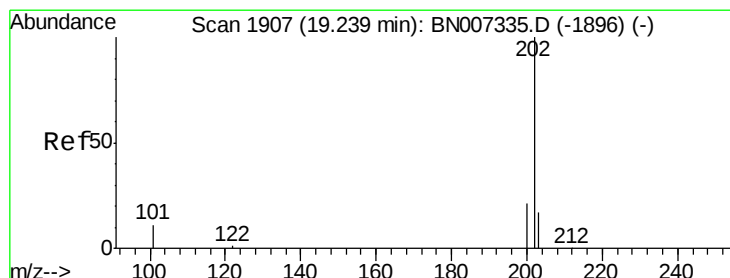
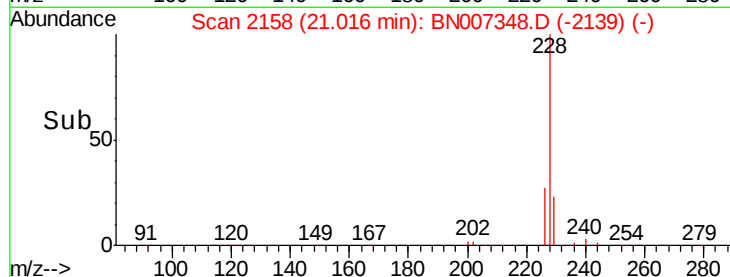
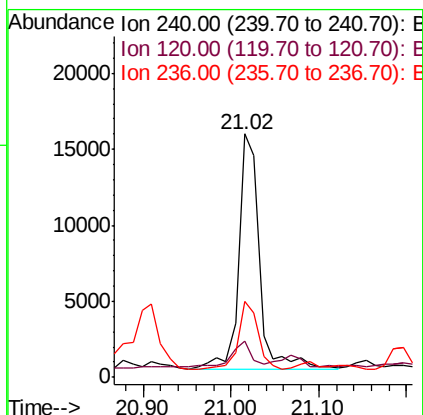
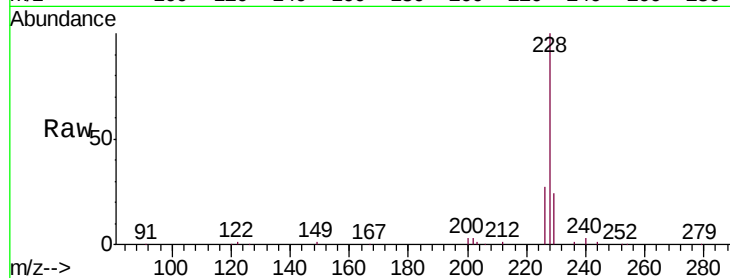
Tgt Ion:240 Resp: 25710

Ion Ratio Lower Upper

240 100

120 15.0 9.6 14.4#

236 31.4 22.2 33.2



#28

Pyrene

Concen: 31.122 ng

RT: 19.24 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

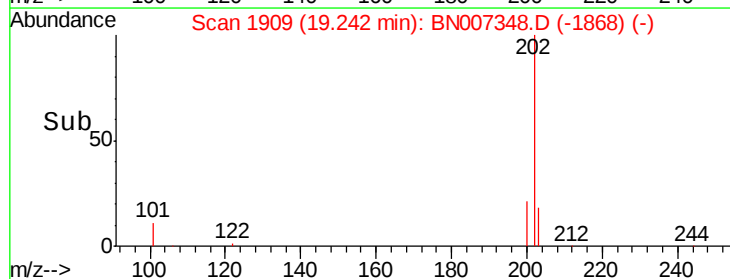
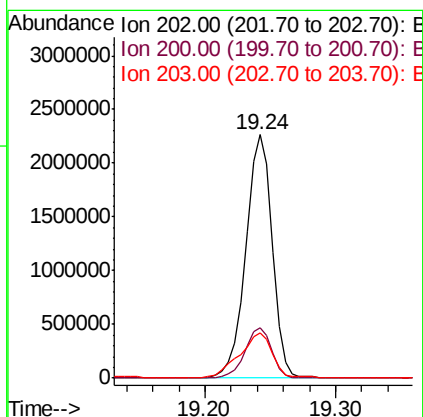
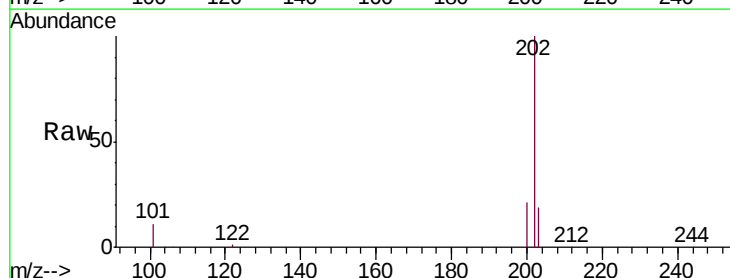
Tgt Ion:202 Resp: 3218769

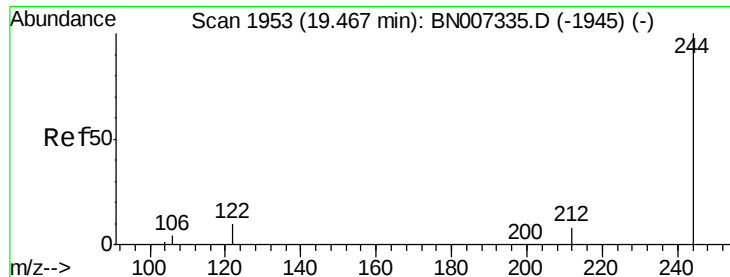
Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 23.3 14.2 21.4#





#29

Terphenyl-d14

Concen: 0.147 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119

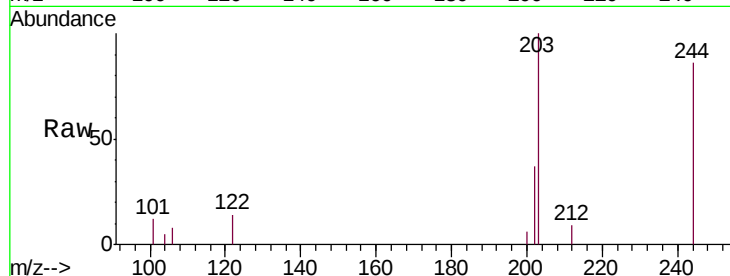
Tgt Ion:244 Resp: 9911

Ion Ratio Lower Upper

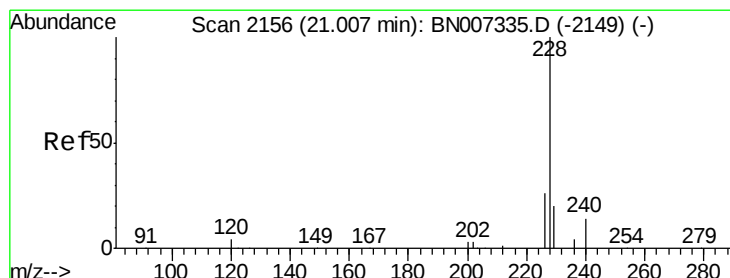
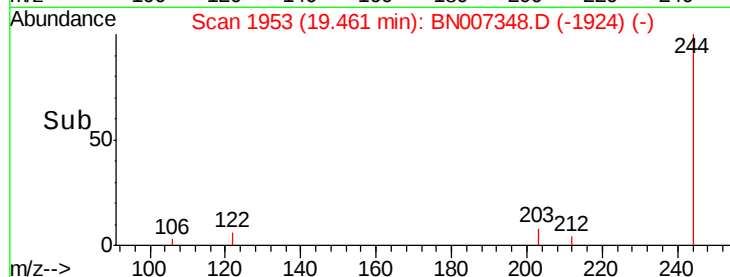
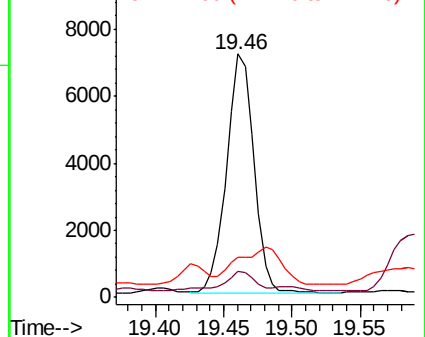
244 100

212 10.4 7.0 10.6

122 16.5 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: 18.121 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

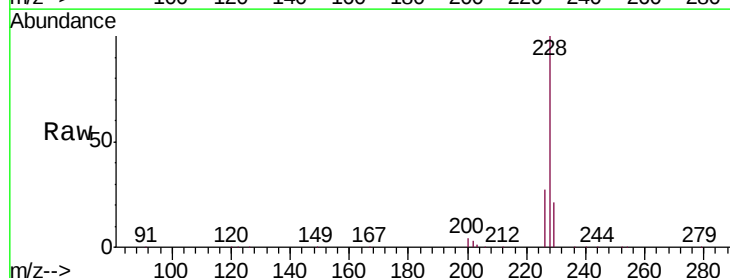
Tgt Ion:228 Resp: 1829667

Ion Ratio Lower Upper

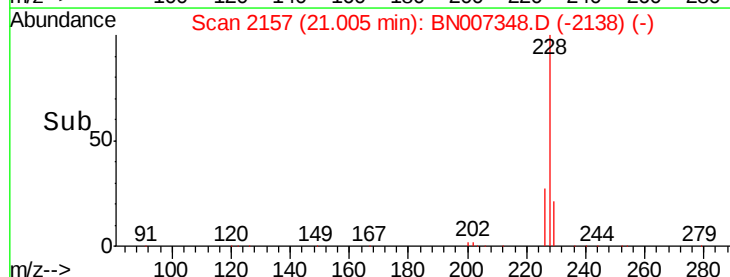
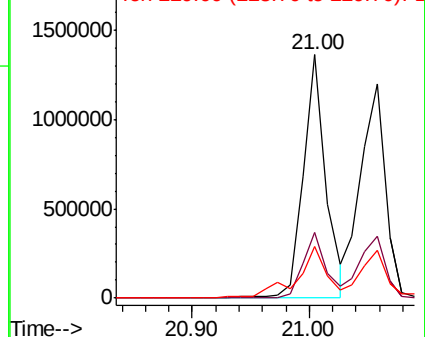
228 100

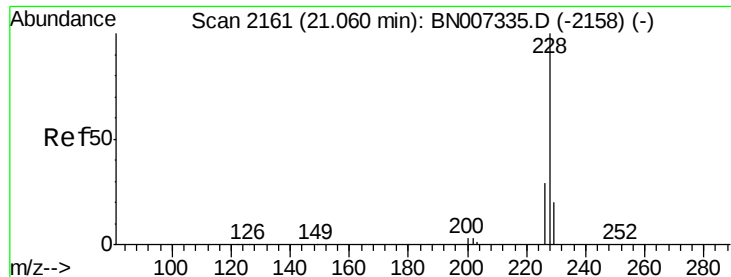
226 27.2 21.3 31.9

229 21.0 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: 18.000 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119

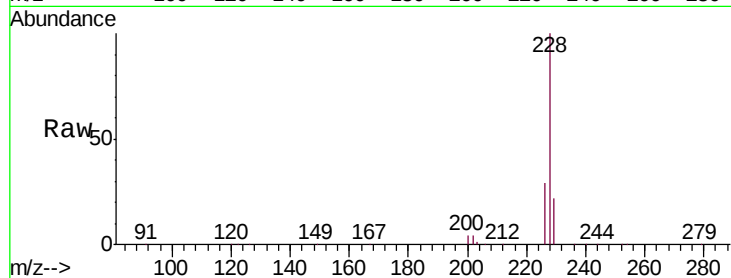
Tgt Ion:228 Resp: 1754222

Ion Ratio Lower Upper

228 100

226 28.8 23.5 35.3

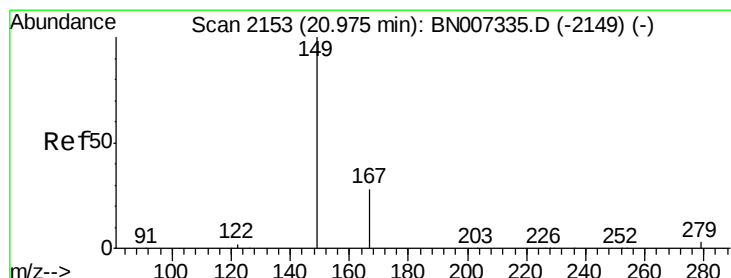
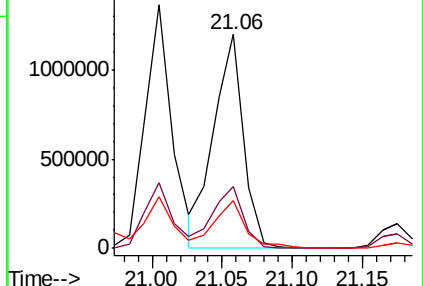
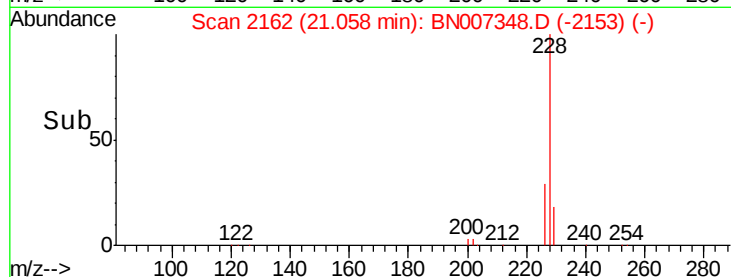
229 22.3 16.6 24.8



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: 0.544 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

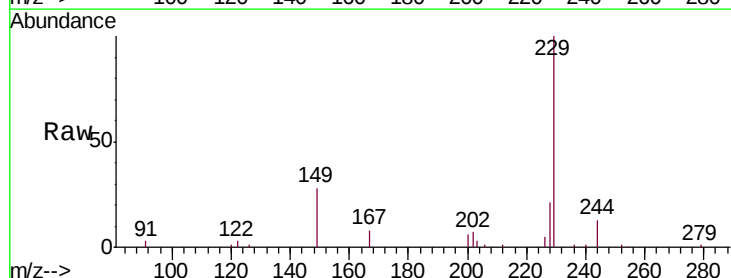
Tgt Ion:149 Resp: 36766

Ion Ratio Lower Upper

149 100

167 22.8 22.8 34.2

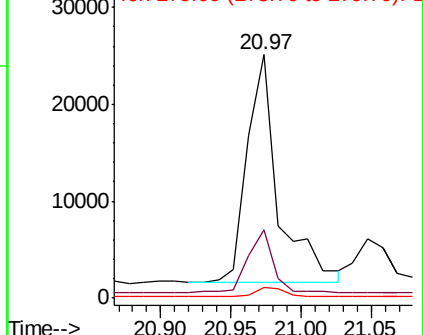
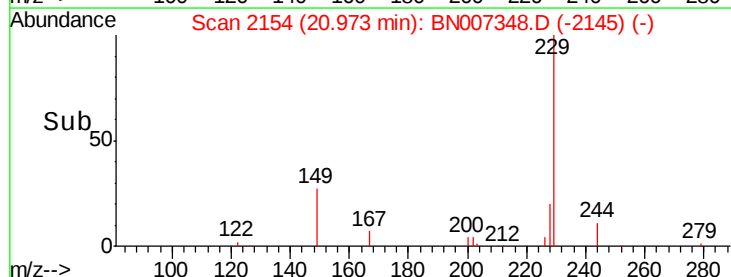
279 3.6 3.5 5.3

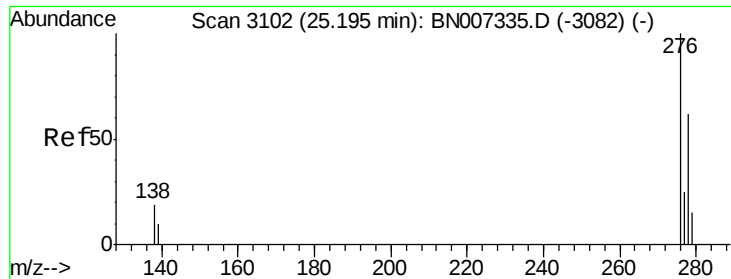


Abundance Ion 149.00 (148.70 to 149.70): E

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: 9.515 ng

RT: 25.19 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119

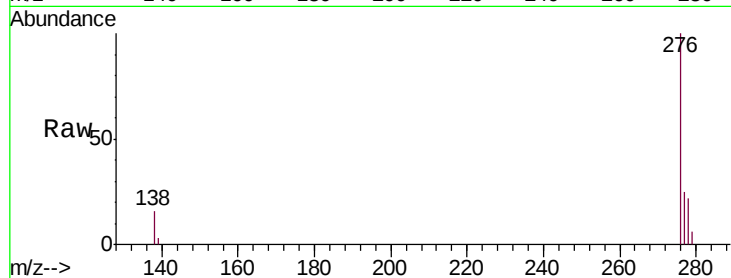
Tgt Ion:276 Resp: 1117106

Ion Ratio Lower Upper

276 100

138 17.0 15.1 22.7

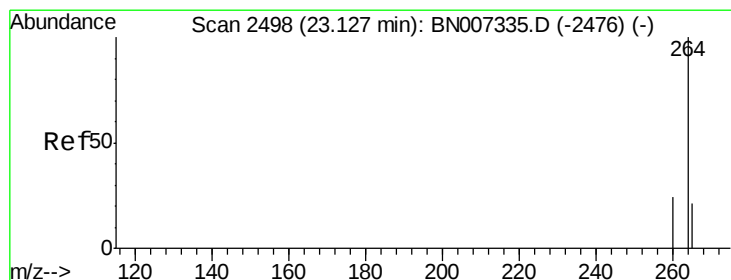
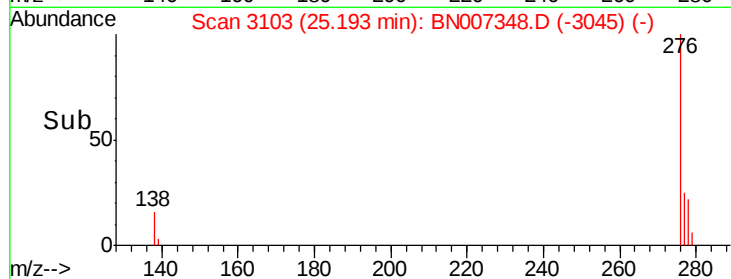
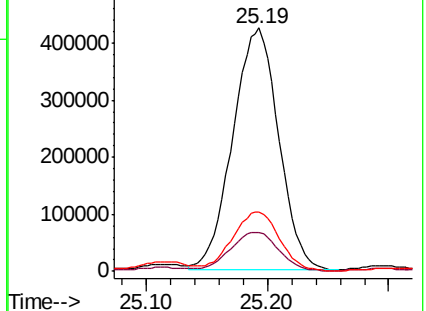
277 24.7 19.7 29.5



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# 2498

Delta R.T. -0.01 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

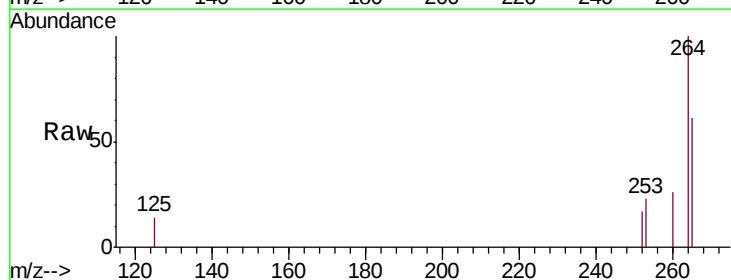
Tgt Ion:264 Resp: 29845

Ion Ratio Lower Upper

264 100

260 26.4 19.7 29.5

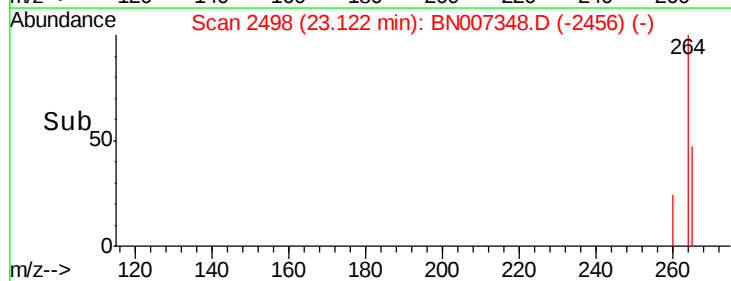
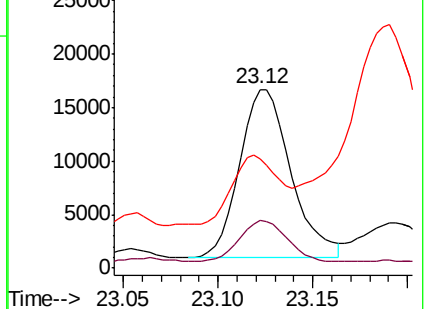
265 61.3 29.9 44.9#

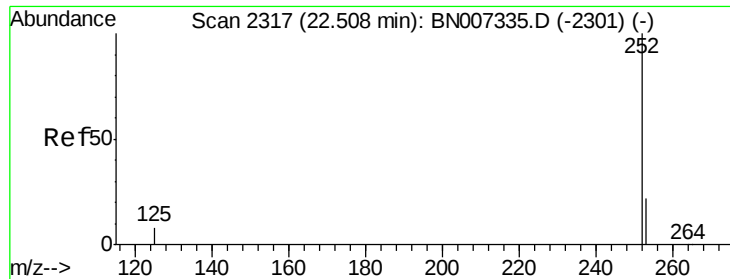


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

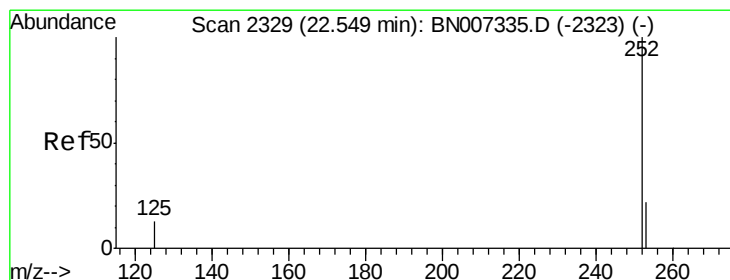
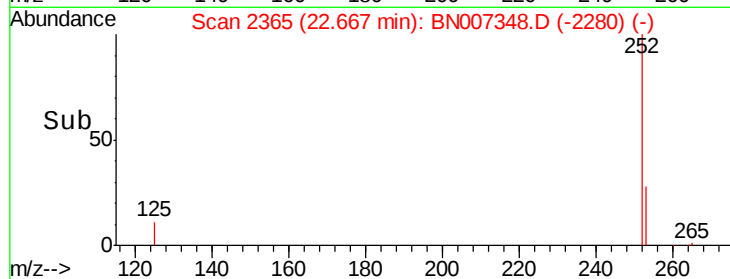
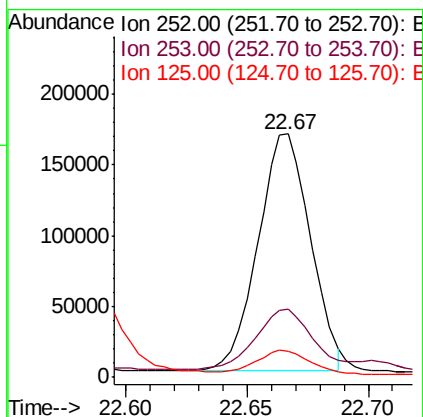
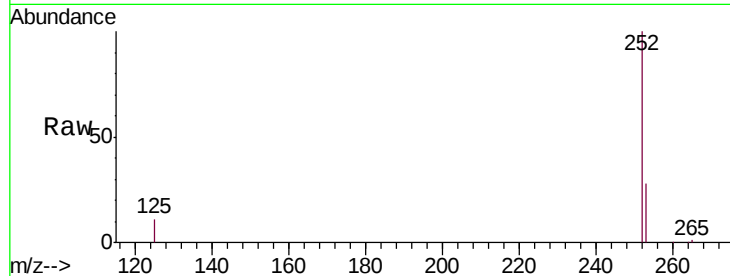




#35
Benzo(b)fluoranthene
Concen: 2.323 ng
RT: 22.67 min Scan# 2365
Delta R.T. 0.16 min
Lab File: BN007348.D
Acq: 24 Aug 2019 04:02

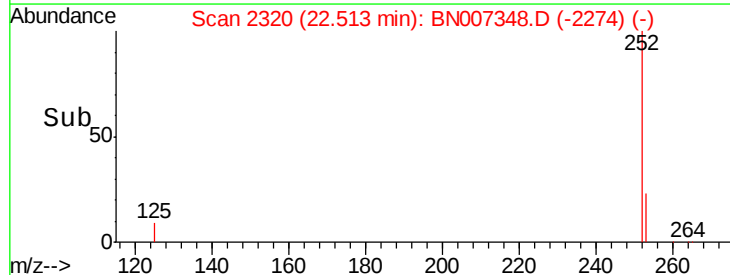
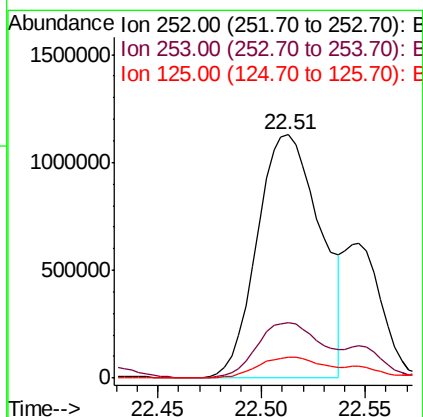
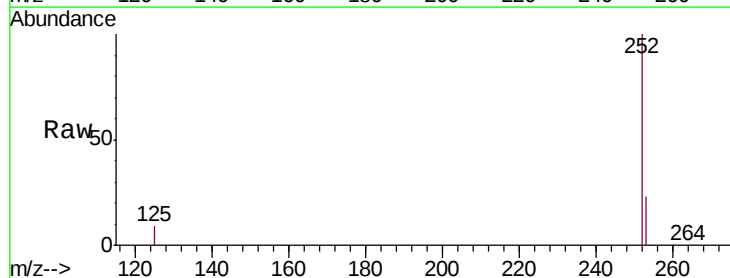
Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119

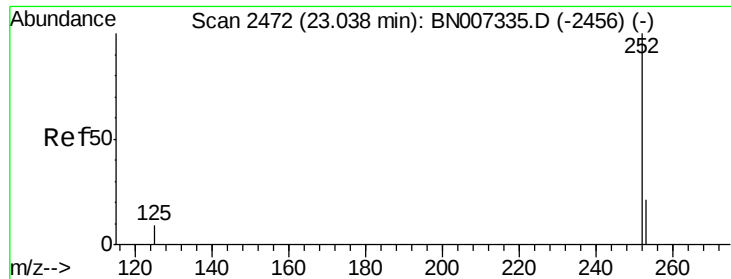
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	19.2	28.8
125	10.8	10.6	16.0



#36
Benzo(k)fluoranthene
Concen: 22.375 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.04 min
Lab File: BN007348.D
Acq: 24 Aug 2019 04:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.2
125	8.5	13.1	19.7#





#37

Benzo(a)pyrene

Concen: 4.201 ng

RT: 23.17 min Scan# 2512

Delta R.T. 0.13 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119

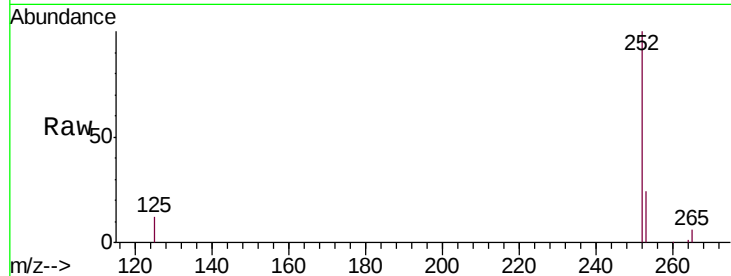
Tgt Ion:252 Resp: 432318

Ion Ratio Lower Upper

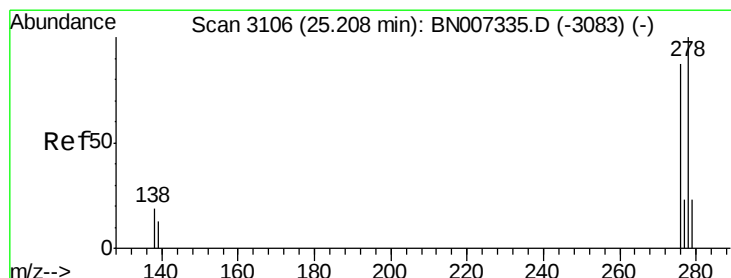
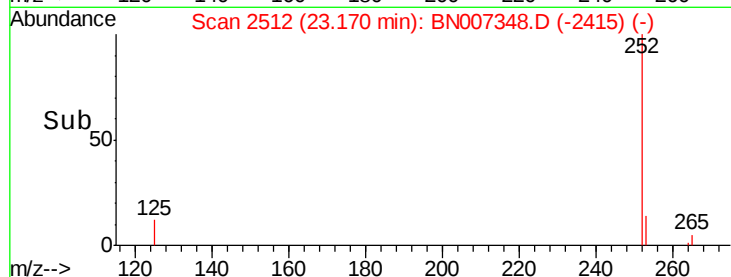
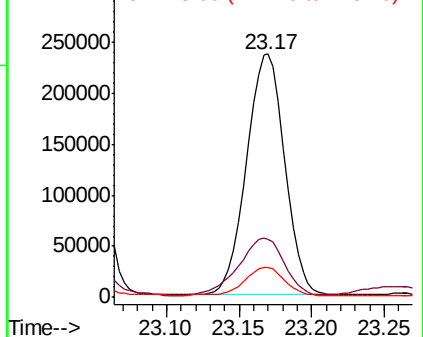
252 100

253 24.0 19.5 29.3

125 12.2 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: 2.751 ng

RT: 25.20 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN007348.D

Acq: 24 Aug 2019 04:02

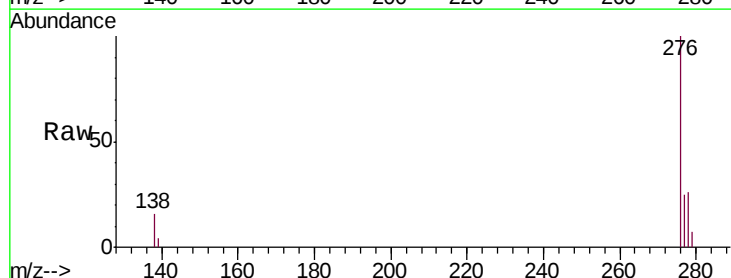
Tgt Ion:278 Resp: 282460

Ion Ratio Lower Upper

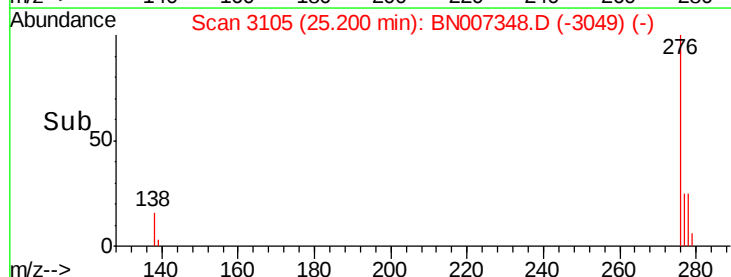
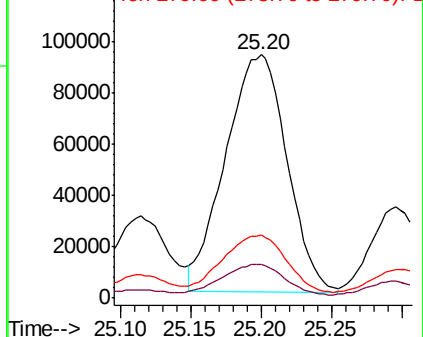
278 100

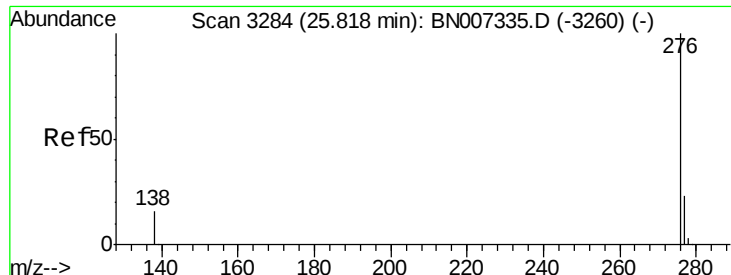
139 13.7 13.7 20.5

279 25.7 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: 10.630 ng

RT: 25.82 min Scan# 3287

Delta R.T. 0.01 min

Lab File: BN007348.D

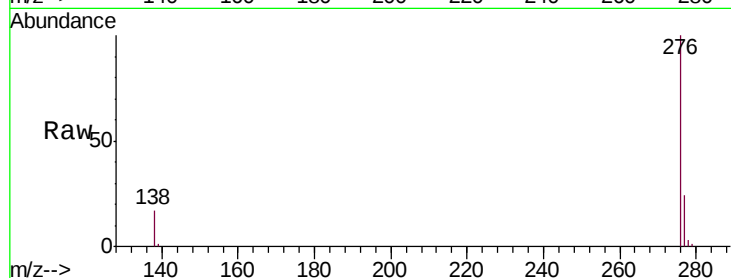
Acq: 24 Aug 2019 04:02

Instrument :

BNA_N

ClientSampleId :

S703-N-0.0-0.5-082119



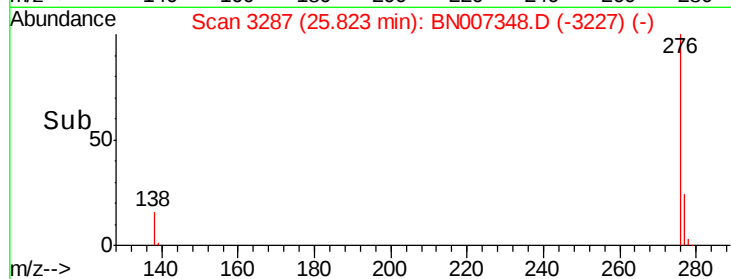
Tgt Ion: 276 Resp: 1087487

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 16.6 16.3 24.5



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

