

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
 Data File : BN007371.D
 Acq On : 24 Aug 2019 19:42
 Operator : HP/JU
 Sample : K4443-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S701-N-1.0-1.5-082019MS

Quant Time: Aug 24 23:42:51 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	5842	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	23471	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	11815	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	25191	0.40	ng	0.00
27) Chrysene-d12	21.02	240	27402	0.40	ng	0.00
34) Perylene-d12	23.13	264	31947	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.04	112	4466	0.21	ng	0.00
5) Phenol-d6	6.59	99	5634	0.20	ng	0.00
8) Nitrobenzene-d5	8.53	82	4288	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	11844	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1262	0.20	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	9935	0.21	ng	0.00
25) Fluoranthene-d10	18.84	212	15765	0.19	ng	0.00
29) Terphenyl-d14	19.46	244	11250	0.16	ng	0.00

Target Compounds

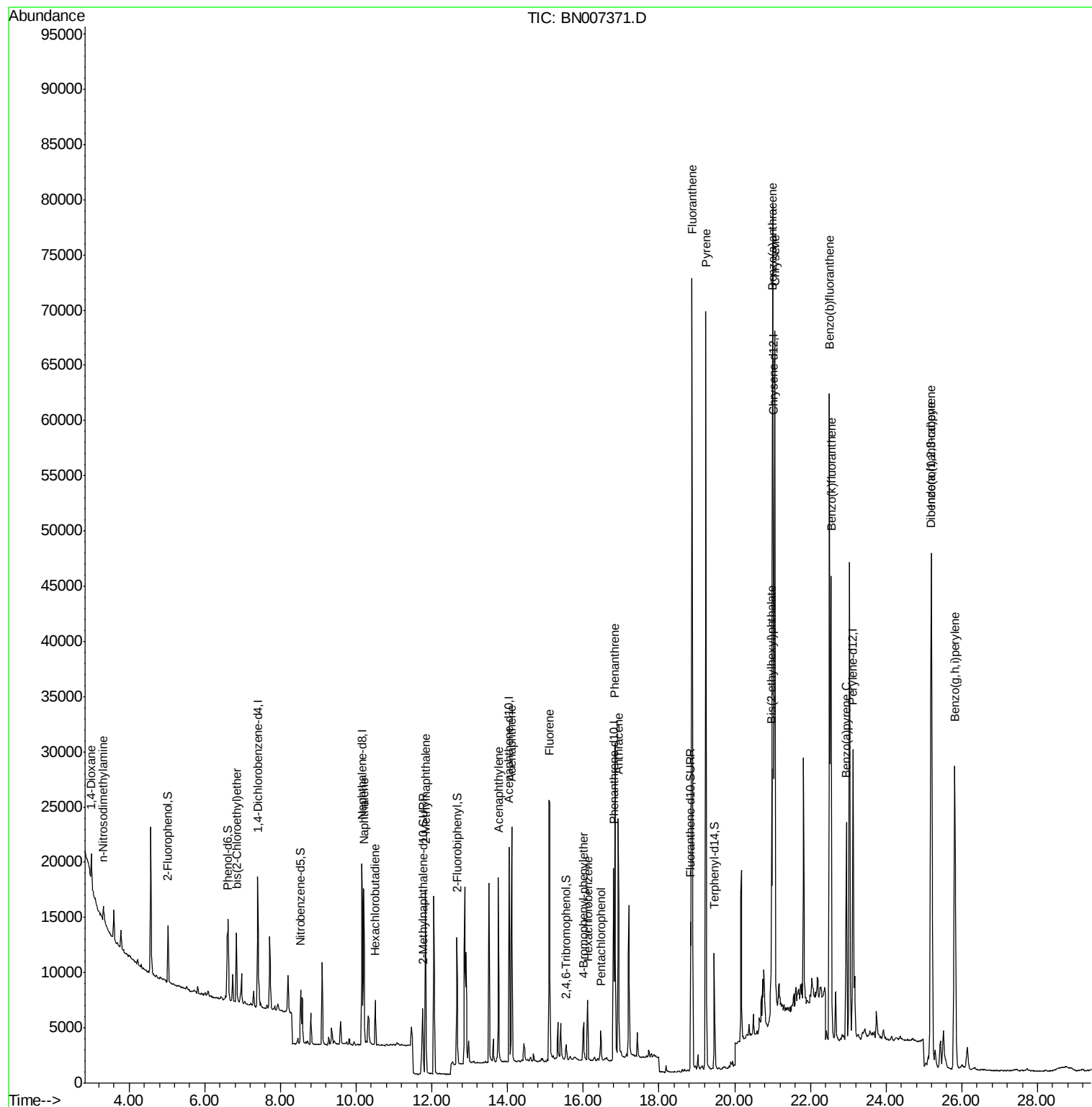
						Qvalue
2) 1,4-Dioxane	3.01	88	2065	0.213	ng	# 75
3) n-Nitrosodimethylamine	3.32	42	1104	0.245	ng	# 81
6) bis(2-Chloroethyl)ether	6.84	93	5270	0.250	ng	97
9) Naphthalene	10.20	128	18191	0.271	ng	# 91
10) Hexachlorobutadiene	10.51	225	3368	0.245	ng	# 98
12) 2-Methylnaphthalene	11.83	142	12085	0.265	ng	98
16) Acenaphthylene	13.76	152	20363	0.291	ng	99
17) Acenaphthene	14.11	154	10911	0.267	ng	98
18) Fluorene	15.10	166	13488	0.261	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	1616	0.163	ng	# 91
21) Hexachlorobenzene	16.12	284	4626	0.274	ng	96
22) Pentachlorophenol	16.46	266	1478	0.282	ng	# 64
23) Phenanthrene	16.84	178	32860	0.434	ng	100
24) Anthracene	16.93	178	23502	0.308	ng	98
26) Fluoranthene	18.88	202	68231	0.701	ng	100
28) Pyrene	19.24	202	63700	0.578	ng	98
30) Benzo(a)anthracene	21.01	228	54447	0.506	ng	98
31) Chrysene	21.06	228	59814	0.576	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	18943	0.253	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	59655	0.477	ng	99
35) Benzo(b)fluoranthene	22.51	252	80402	0.695	ng	# 95
36) Benzo(k)fluoranthene	22.55	252	49658	0.434	ng	# 94
37) Benzo(a)pyrene	22.95	252	25317	0.230	ng	98
38) Dibenzo(a,h)anthracene	25.21	278	36361	0.331	ng	97
39) Benzo(g,h,i)perylene	25.81	276	55013	0.502	ng	97

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

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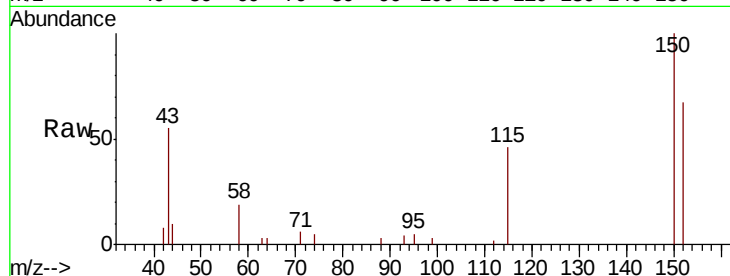


#1

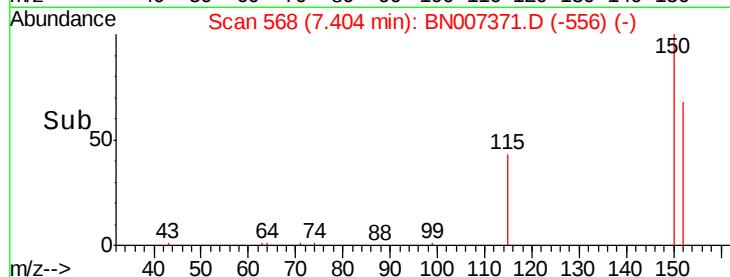
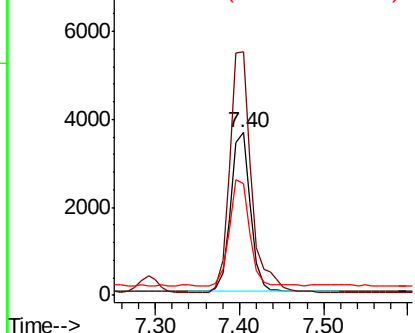
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.00 min
Lab File: BN007371.D
Acq: 24 Aug 2019 19:42

Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MS

Tgt Ion: 152 Resp: 5842
Ion Ratio Lower Upper
152 100
150 149.7 109.1 163.7
115 68.4 59.6 89.4



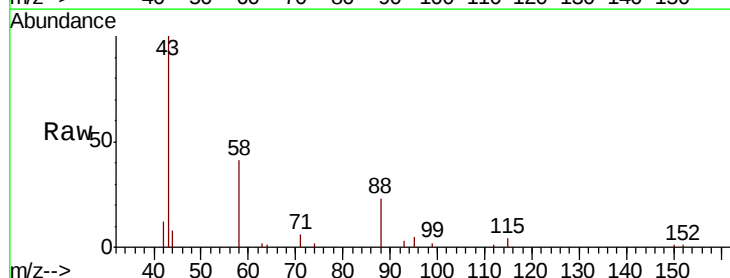
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



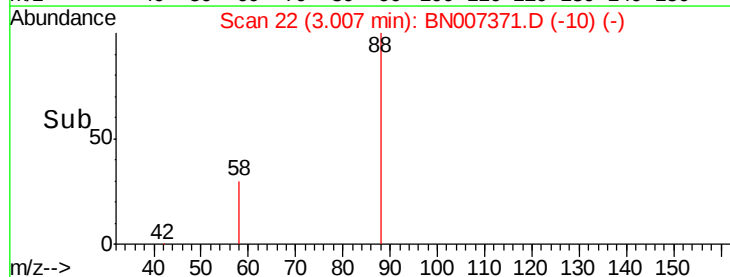
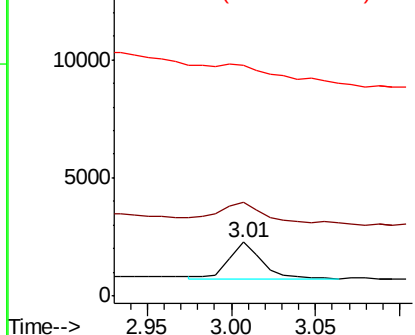
#2

1,4-Dioxane
Concen: 0.213 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007371.D
Acq: 24 Aug 2019 19:42

Tgt Ion: 88 Resp: 2065
Ion Ratio Lower Upper
88 100
58 82.4 50.5 75.7#
43 0.0 0.0 0.0



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: 0.245 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

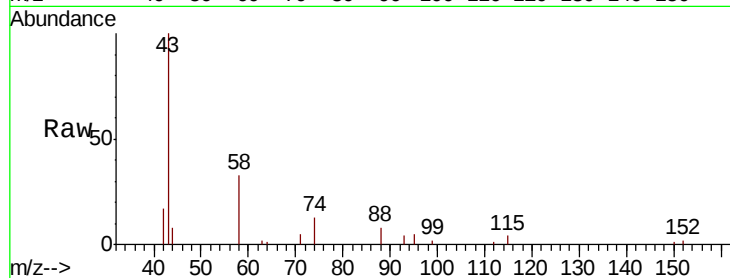
Tgt Ion: 42 Resp: 1104

Ion Ratio Lower Upper

42 100

74 207.8 144.7 217.1

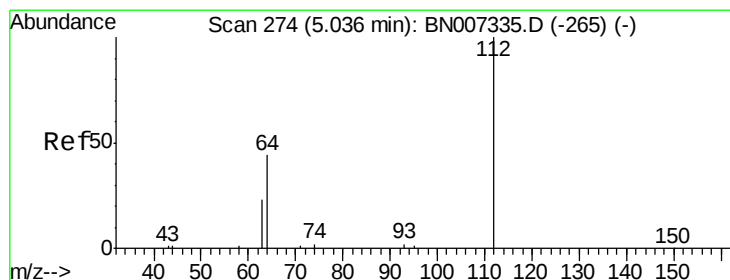
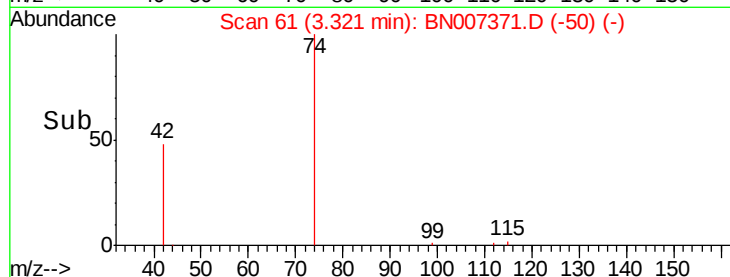
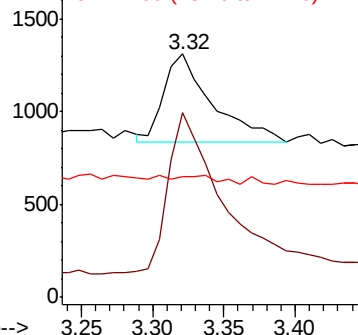
44 7.3 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BN007335.D (-57) (-)

Ion 74.00 (73.70 to 74.70): BN007335.D (-57) (-)

Ion 44.00 (43.70 to 44.70): BN007335.D (-57) (-)



#4

2-Fluorophenol

Concen: 0.207 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

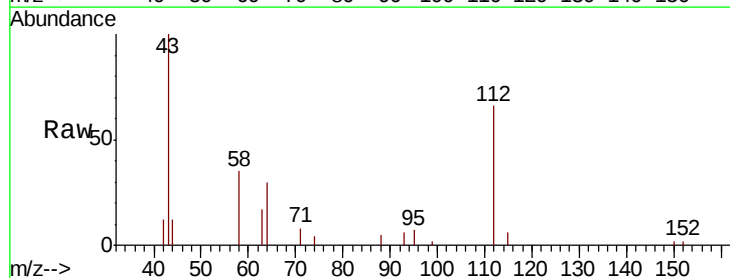
Tgt Ion: 112 Resp: 4466

Ion Ratio Lower Upper

112 100

64 53.5 42.3 63.5

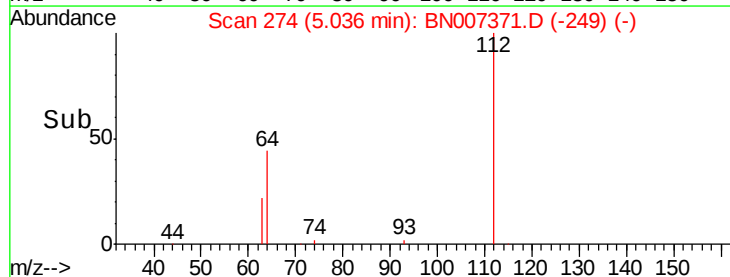
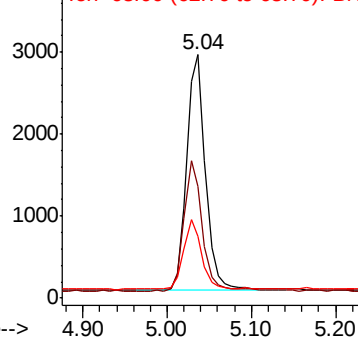
63 27.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BN007335.D (-265) (-)

Ion 64.00 (63.70 to 64.70): BN007335.D (-265) (-)

Ion 63.00 (62.70 to 63.70): BN007335.D (-265) (-)





#5

Phenol-d6

Concen: 0.204 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

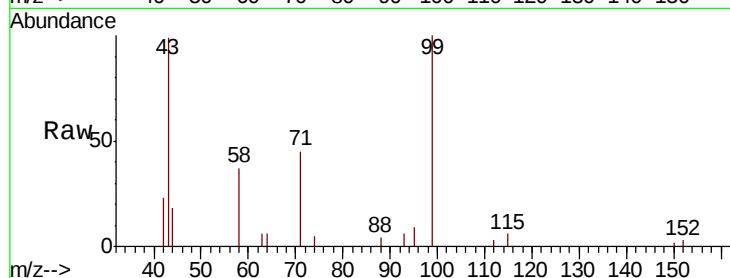
Tgt Ion: 99 Resp: 5634

Ion Ratio Lower Upper

99 100

42 17.4 11.2 16.8#

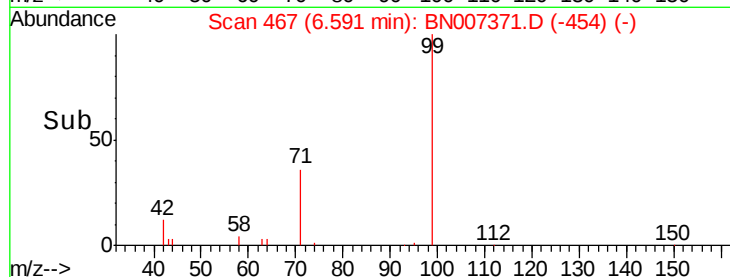
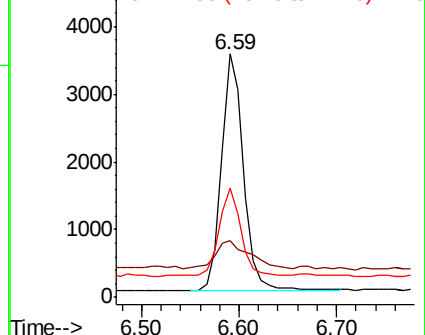
71 35.1 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007371.D (-454) (-)

Ion 42.00 (41.70 to 42.70): BN007371.D (-454) (-)

Ion 71.00 (70.70 to 71.70): BN007371.D (-454) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.250 ng

RT: 6.84 min Scan# 498

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

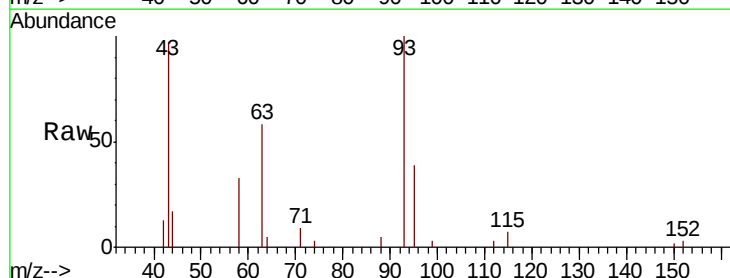
Tgt Ion: 93 Resp: 5270

Ion Ratio Lower Upper

93 100

63 62.4 51.9 77.9

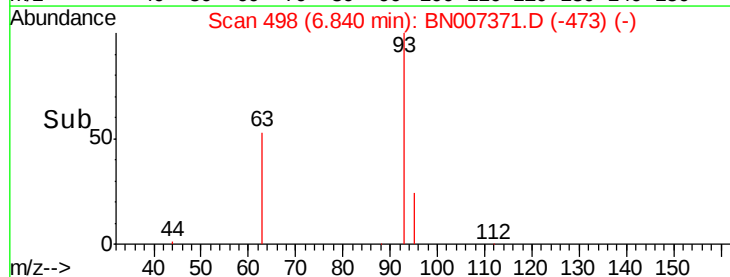
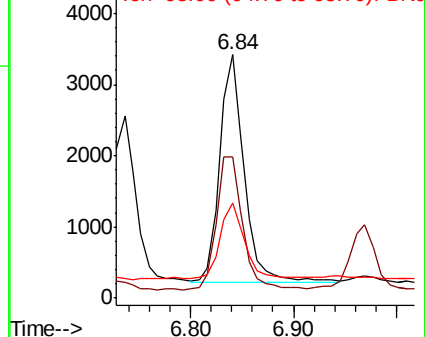
95 32.3 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007371.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN007371.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007371.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

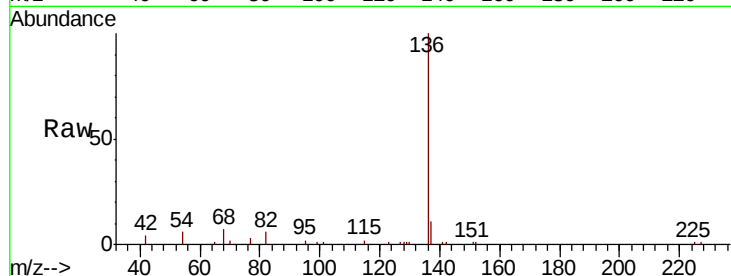
Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

Tgt Ion:	136	Resp:	23471
Ion	Ratio	Lower	Upper
136	100		
137	11.5	12.9	19.3#
54	5.8	8.6	12.8#
68	7.2	17.0	25.4#



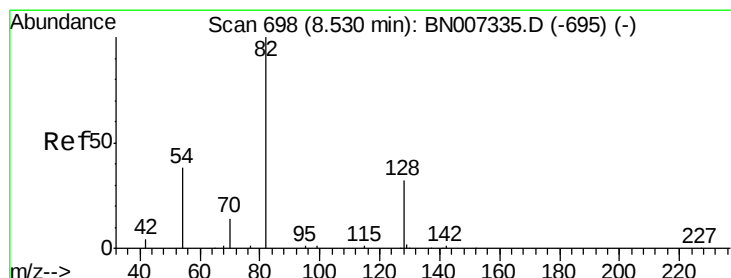
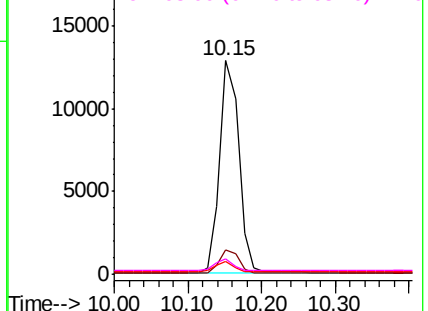
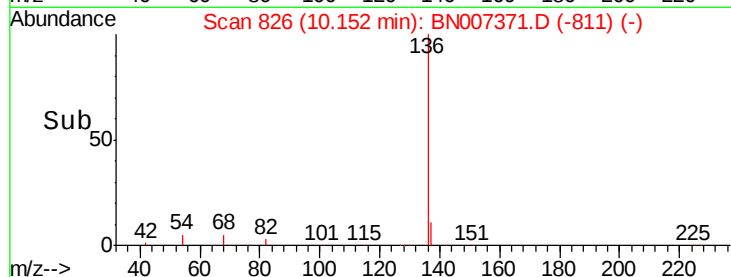
Abundance

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: 0.210 ng

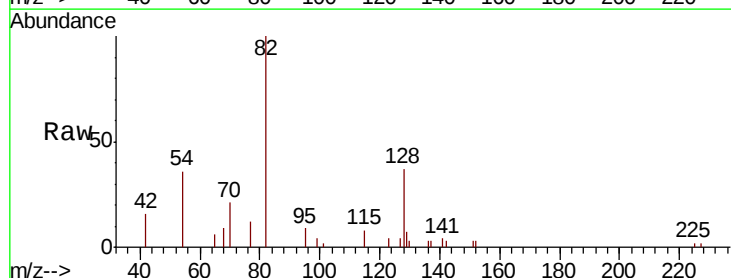
RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

Tgt Ion:	82	Resp:	4288
Ion	Ratio	Lower	Upper
82	100		
128	36.6	19.7	29.5#
54	36.3	25.8	38.6

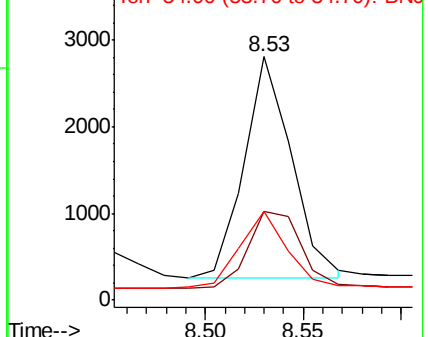
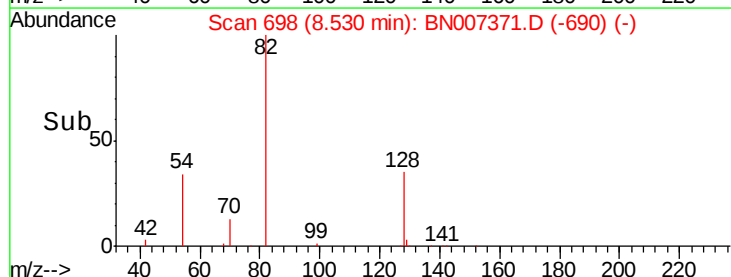


Abundance

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: 0.271 ng

RT: 10.20 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN007371.D

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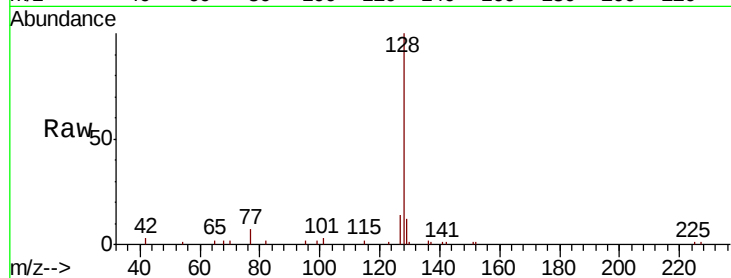
Tgt Ion:128 Resp: 18191

Ion Ratio Lower Upper

128 100

129 11.7 11.1 16.7

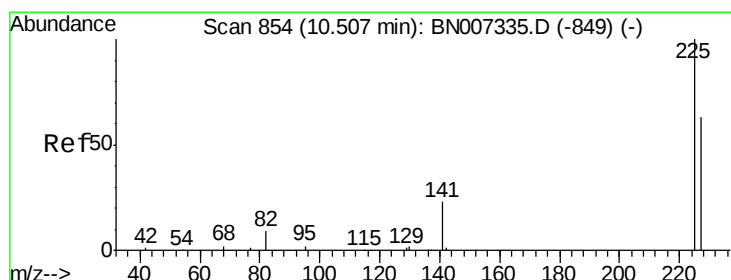
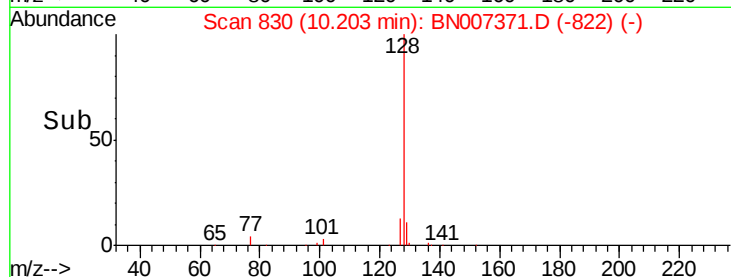
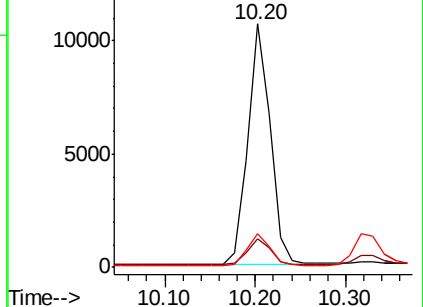
127 13.8 15.5 23.3#



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: 0.245 ng

RT: 10.51 min Scan# 854

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

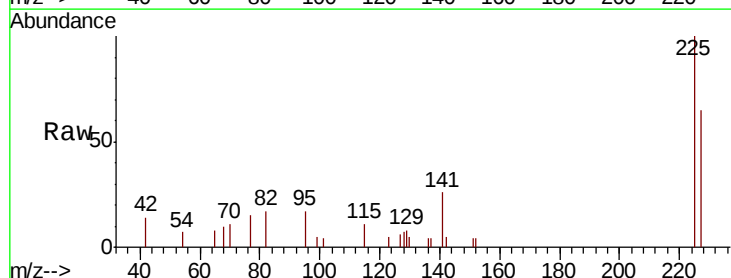
Tgt Ion:225 Resp: 3368

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

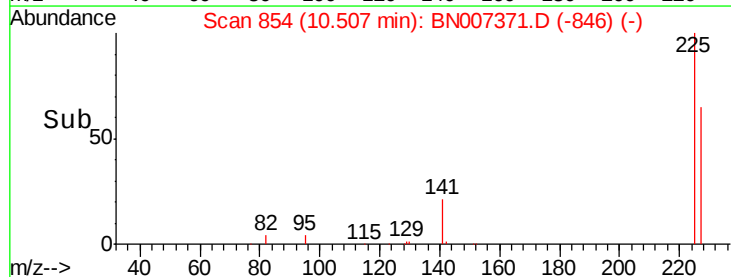
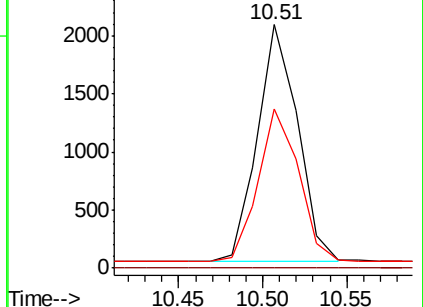
227 65.1 50.7 76.1



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: 0.304 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

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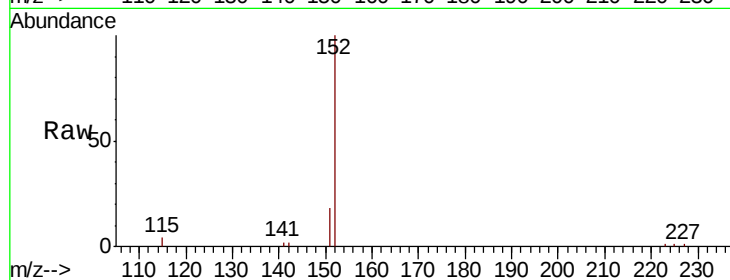
S701-N-1.0-1.5-082019MS

Tgt Ion:152 Resp: 11844

Ion Ratio Lower Upper

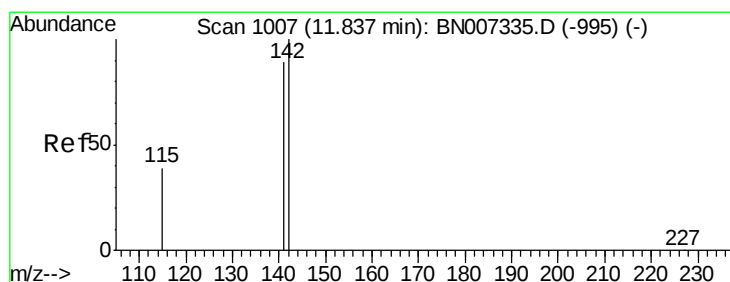
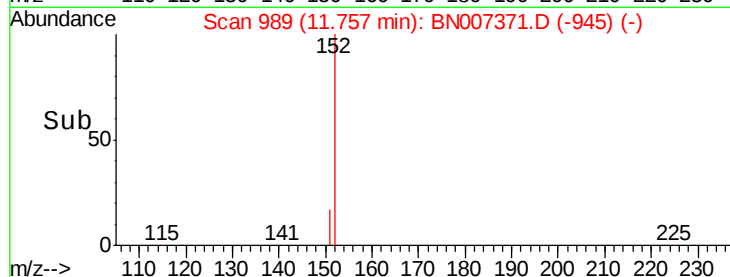
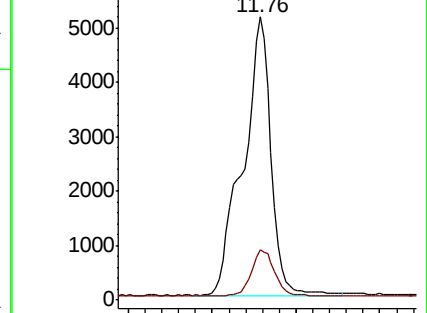
152 100

151 14.0 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: 0.265 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

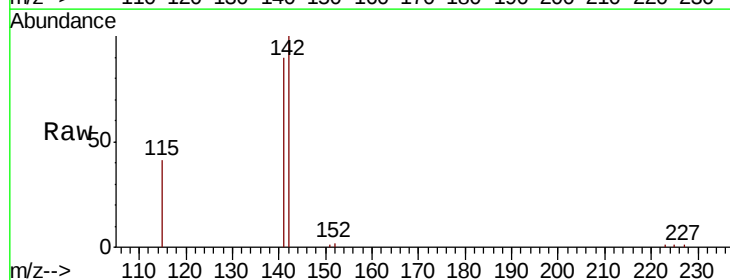
Tgt Ion:142 Resp: 12085

Ion Ratio Lower Upper

142 100

141 90.4 72.8 109.2

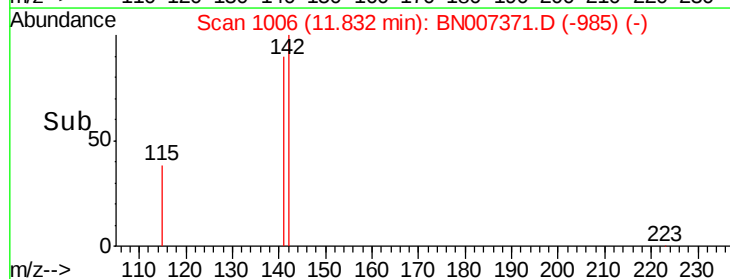
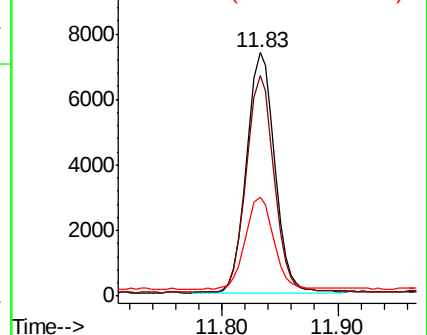
115 40.5 35.2 52.8

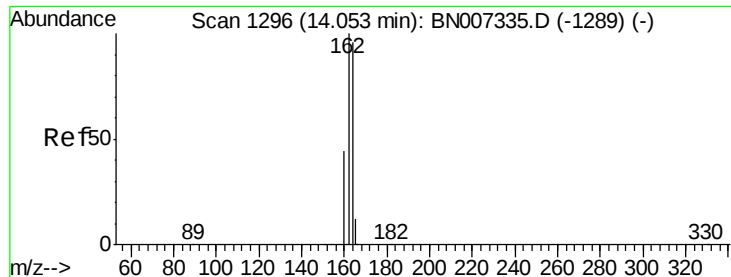


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007371.D

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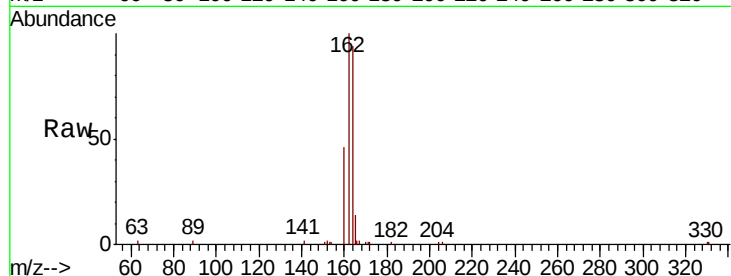
Tgt Ion:164 Resp: 11815

Ion Ratio Lower Upper

164 100

162 106.8 83.5 125.3

160 49.3 38.2 57.4

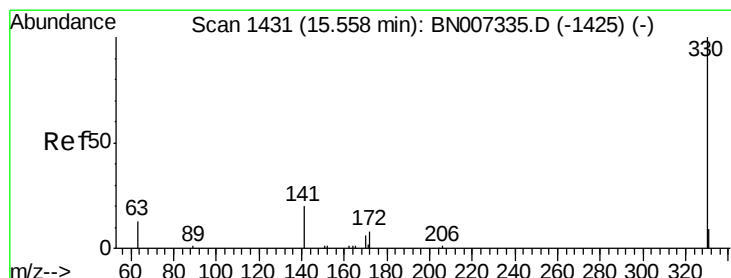
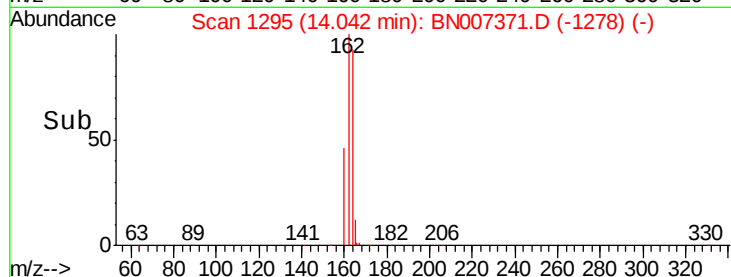
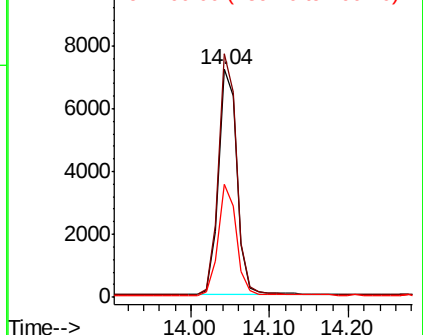


Abundance

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: 0.204 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

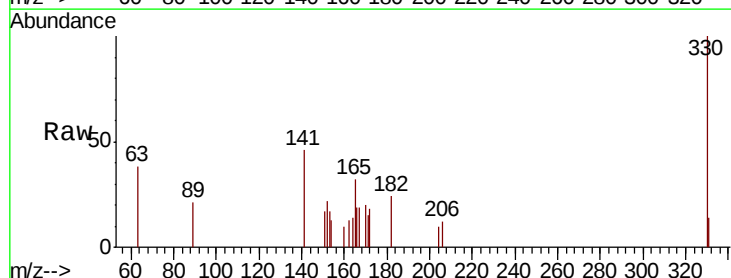
Tgt Ion:330 Resp: 1262

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.0 26.9 40.3

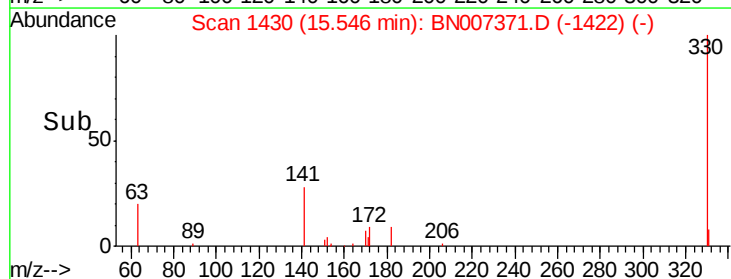
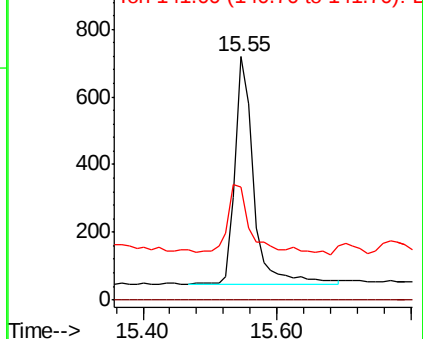


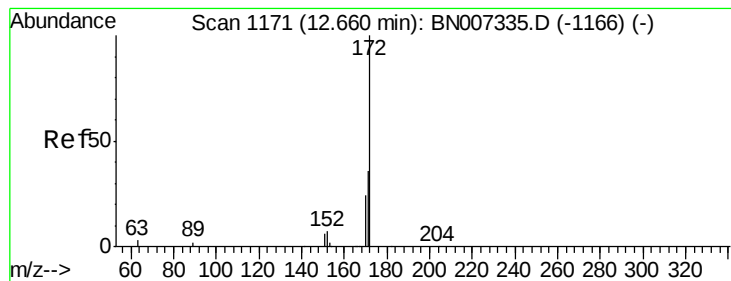
Abundance

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: 0.209 ng

RT: 12.66 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

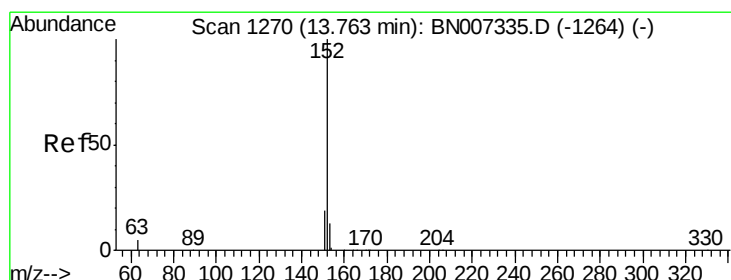
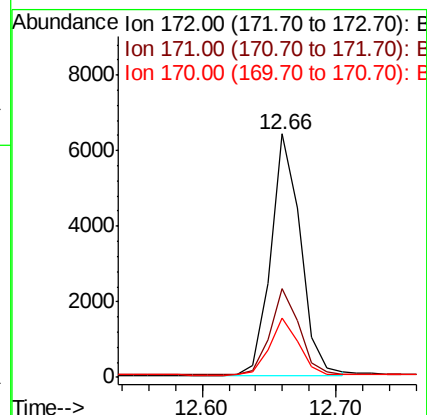
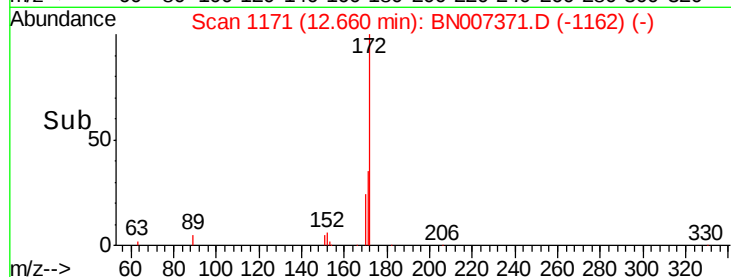
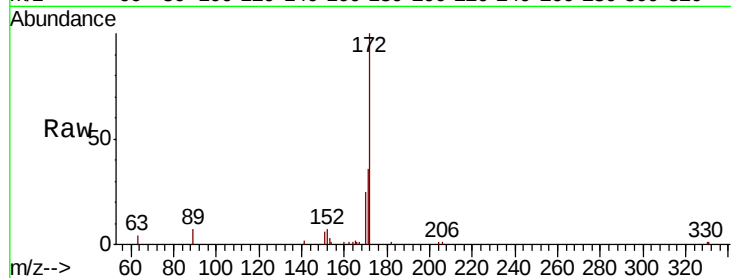
Tgt Ion:172 Resp: 9935

Ion Ratio Lower Upper

172 100

171 36.3 30.3 45.5

170 24.5 20.7 31.1



#16

Acenaphthylene

Concen: 0.291 ng

RT: 13.76 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

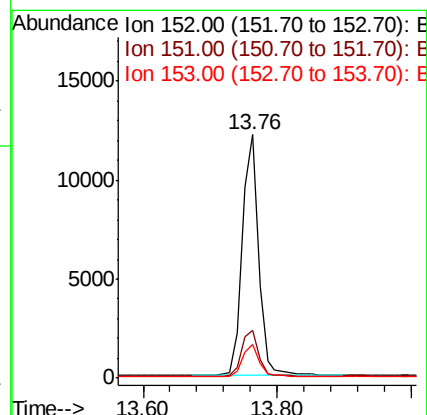
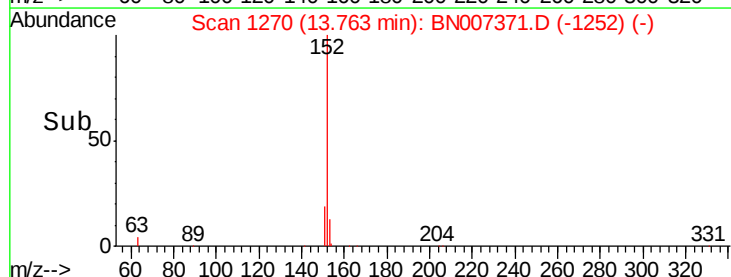
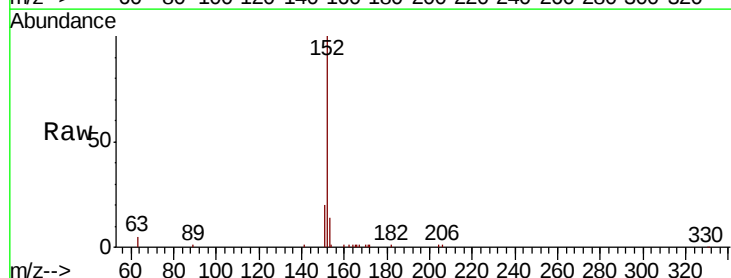
Tgt Ion:152 Resp: 20363

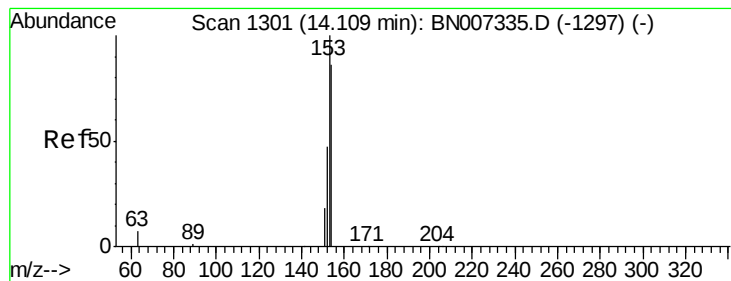
Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.267 ng

RT: 14.11 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

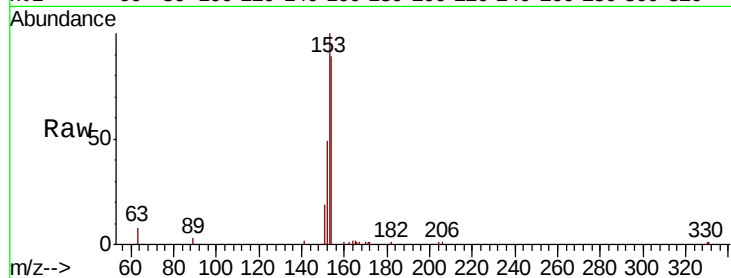
Tgt Ion:154 Resp: 10911

Ion Ratio Lower Upper

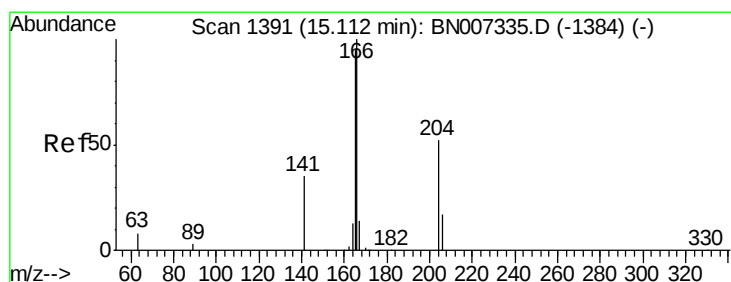
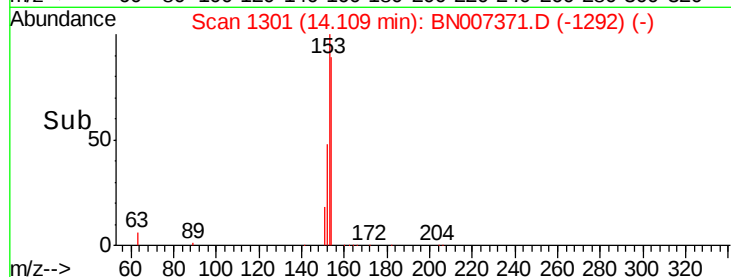
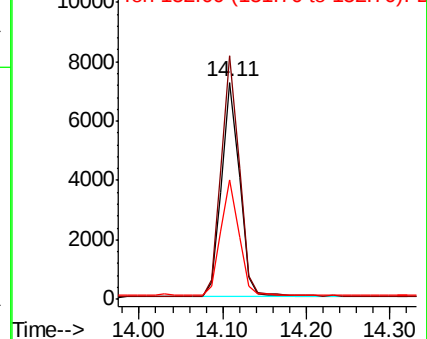
154 100

153 113.6 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: 0.261 ng

RT: 15.10 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

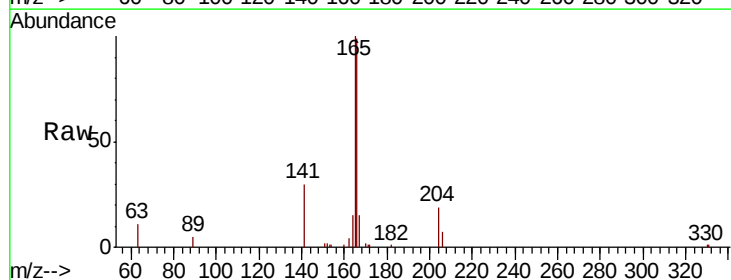
Tgt Ion:166 Resp: 13488

Ion Ratio Lower Upper

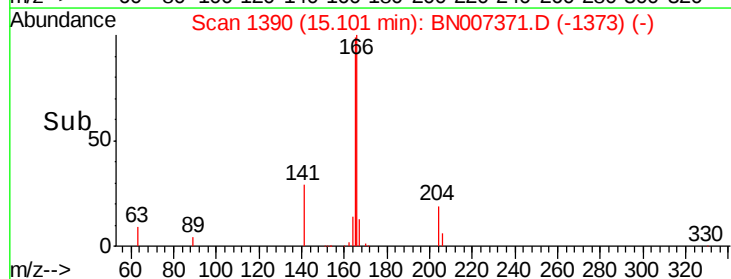
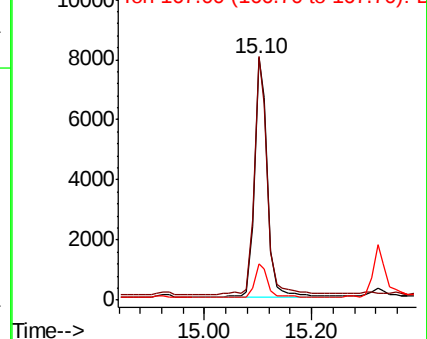
166 100

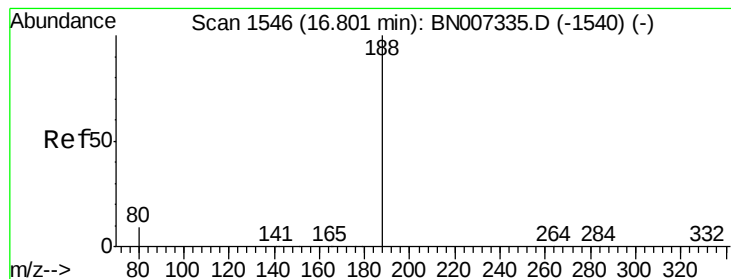
165 98.5 79.0 118.4

167 13.5 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: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

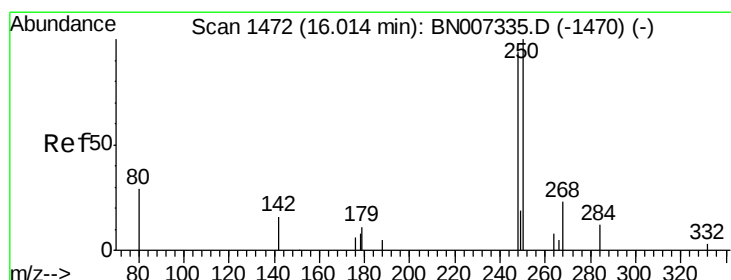
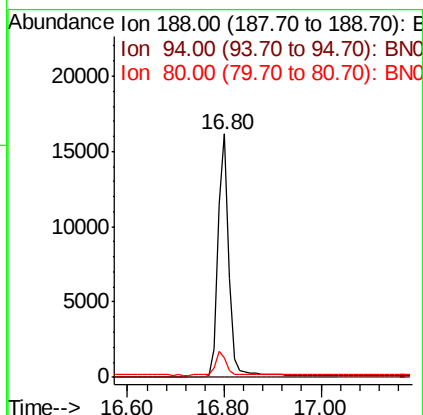
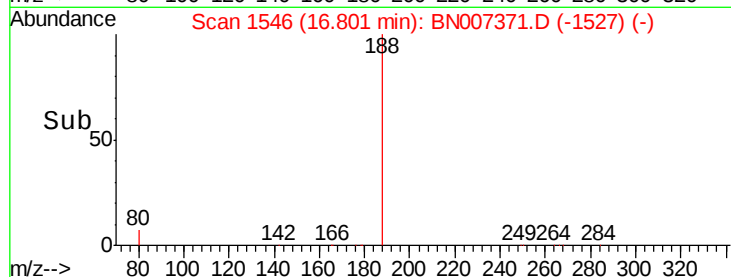
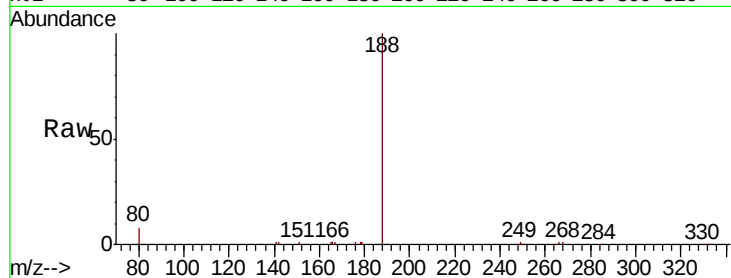
Tgt Ion:188 Resp: 25191

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.2 11.8 17.8#



#20

4-Bromophenyl-phenylether

Concen: 0.163 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

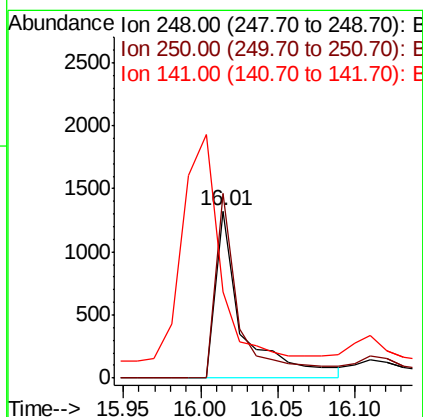
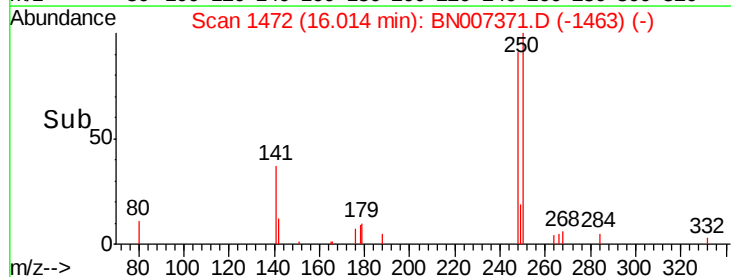
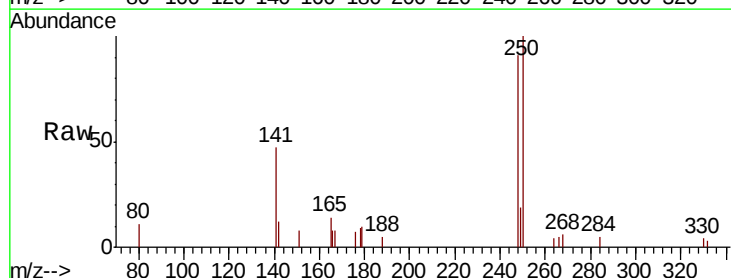
Tgt Ion:248 Resp: 1616

Ion Ratio Lower Upper

248 100

250 110.1 85.0 127.6

141 51.5 51.7 77.5#





#21

Hexachlorobenzene

Concen: 0.274 ng

RT: 16.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

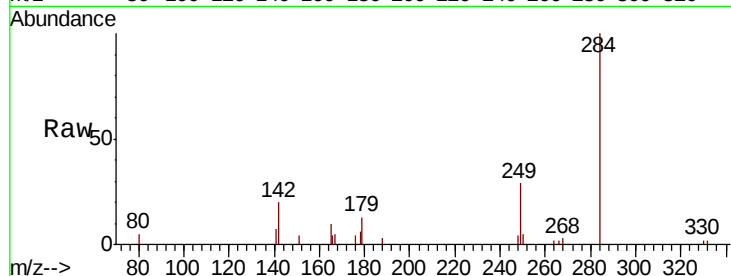
Instrument :

BNA_N

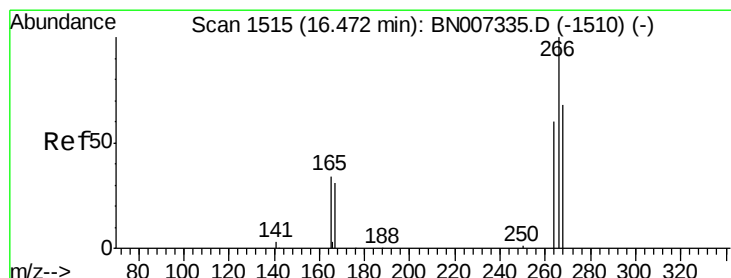
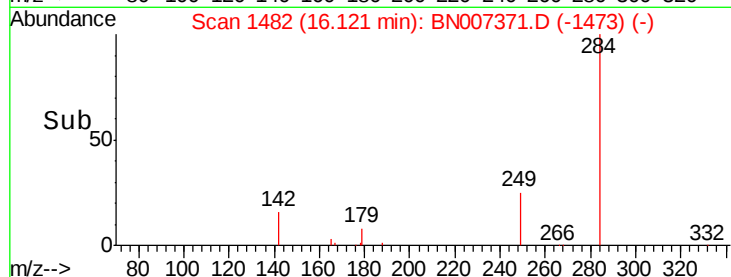
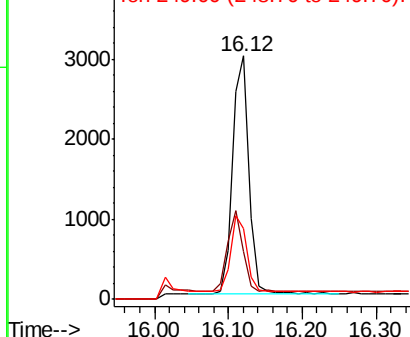
ClientSampleId :

S701-N-1.0-1.5-082019MS

Tgt Ion:	284	Resp:	4626
Ion	Ratio	Lower	Upper
284	100		
142	32.3	29.0	43.6
249	31.0	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: 0.282 ng

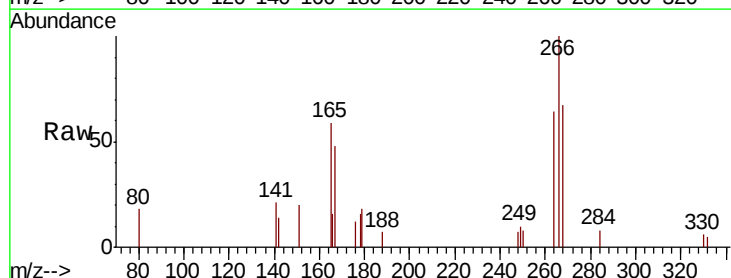
RT: 16.46 min Scan# 1514

Delta R.T. -0.01 min

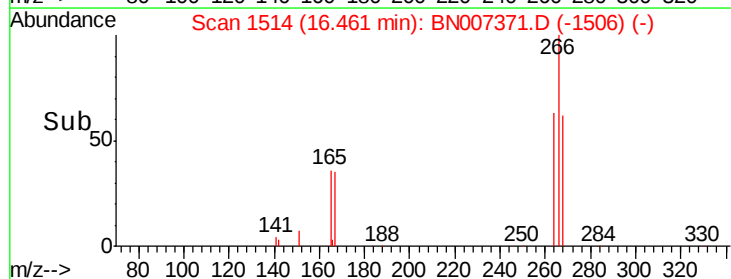
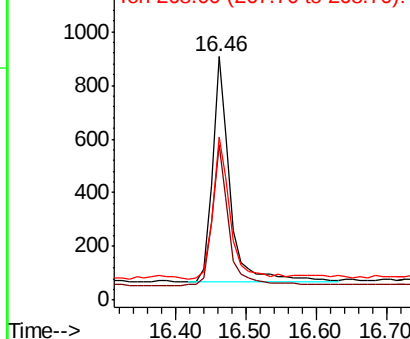
Lab File: BN007371.D

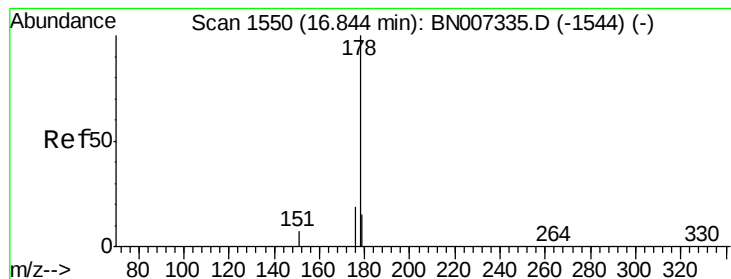
Acq: 24 Aug 2019 19:42

Tgt Ion:	266	Resp:	1478
Ion	Ratio	Lower	Upper
266	100		
264	63.7	57.8	86.8
268	66.7	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: 0.434 ng

RT: 16.84 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

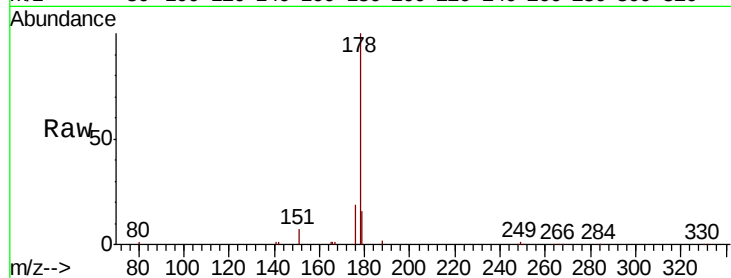
Tgt Ion:178 Resp: 32860

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

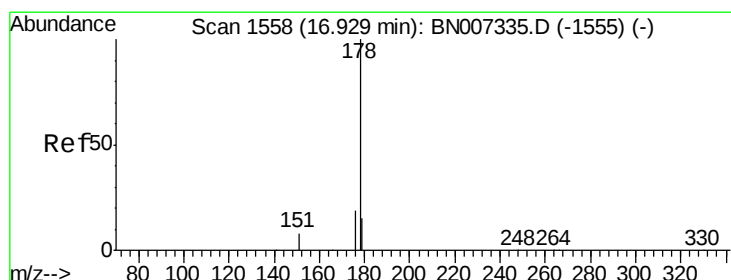
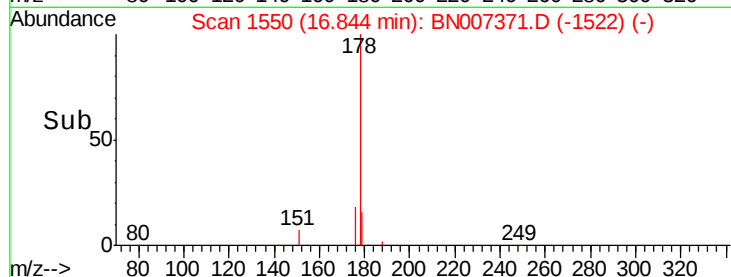
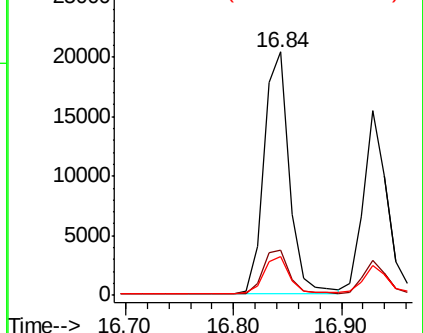
179 15.8 12.6 19.0



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: 0.308 ng

RT: 16.93 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

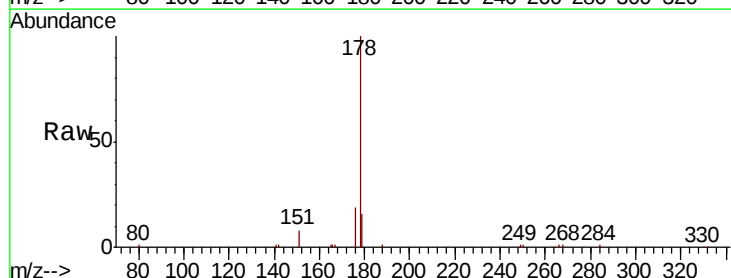
Tgt Ion:178 Resp: 23502

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

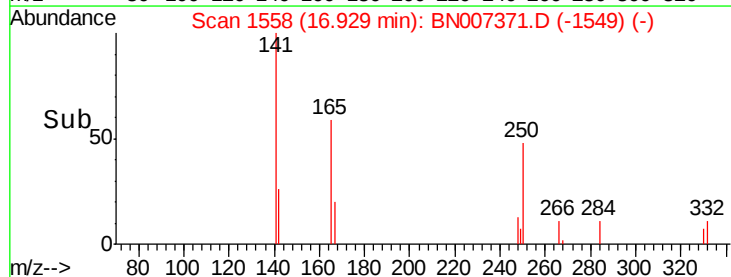
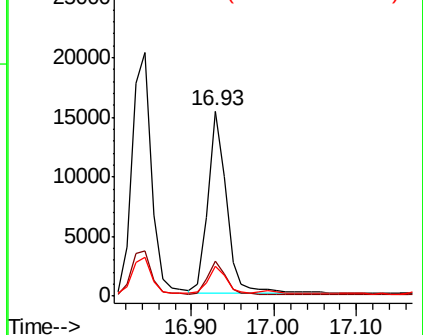
179 14.3 12.4 18.6

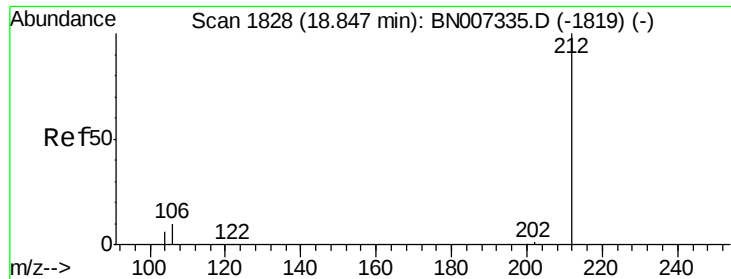


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.194 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

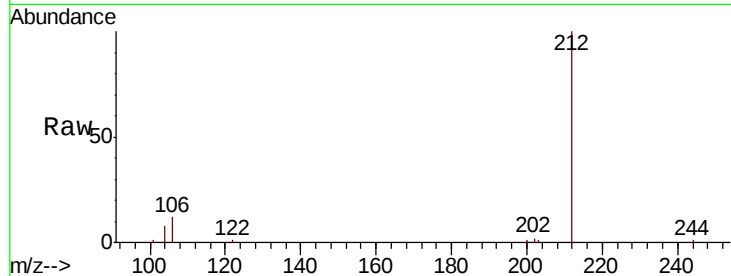
Tgt Ion:212 Resp: 15765

Ion Ratio Lower Upper

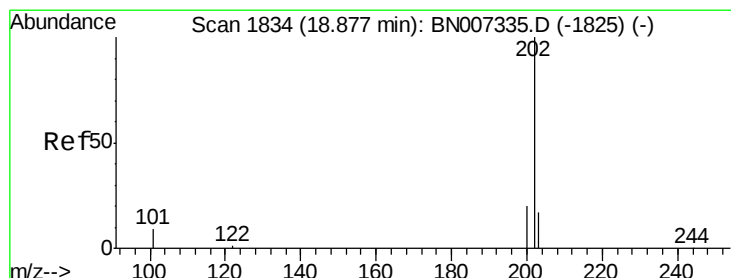
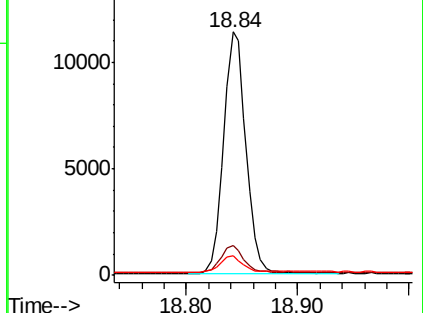
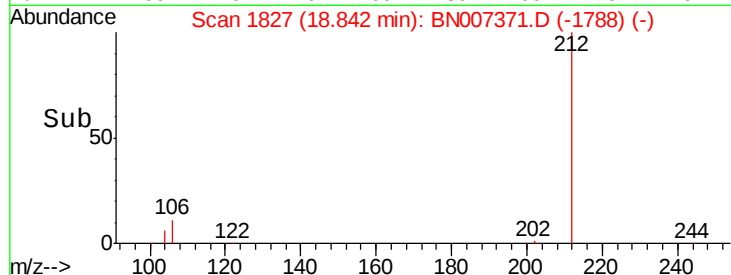
212 100

106 11.3 9.0 13.4

104 6.7 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: 0.701 ng

RT: 18.88 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

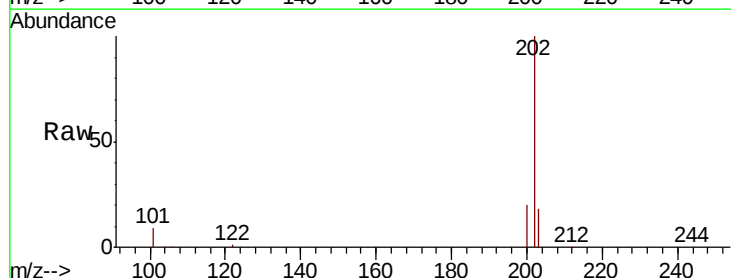
Tgt Ion:202 Resp: 68231

Ion Ratio Lower Upper

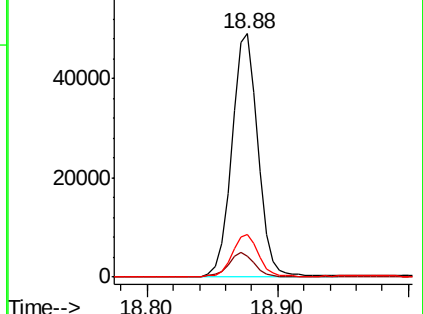
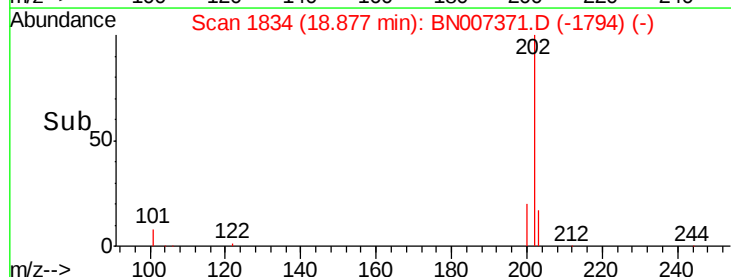
202 100

101 9.5 7.7 11.5

203 17.2 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: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

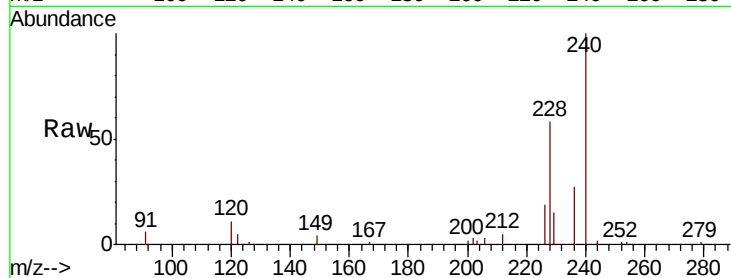
Tgt Ion:240 Resp: 27402

Ion Ratio Lower Upper

240 100

120 10.6 9.6 14.4

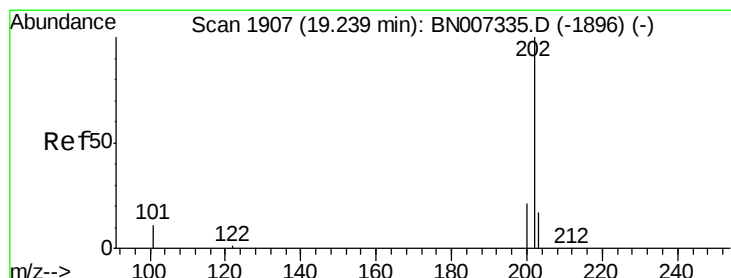
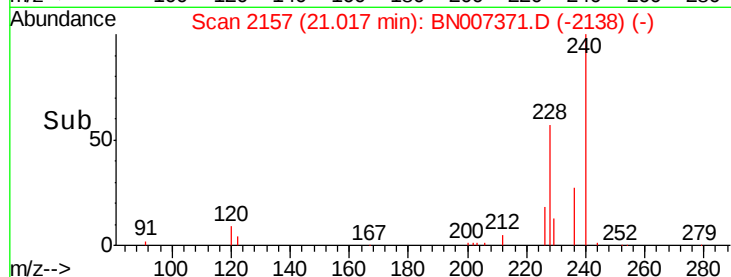
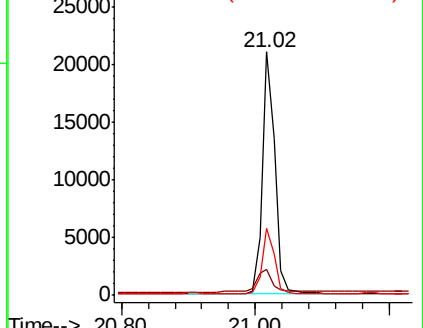
236 27.3 22.2 33.2



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: 0.578 ng

RT: 19.24 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

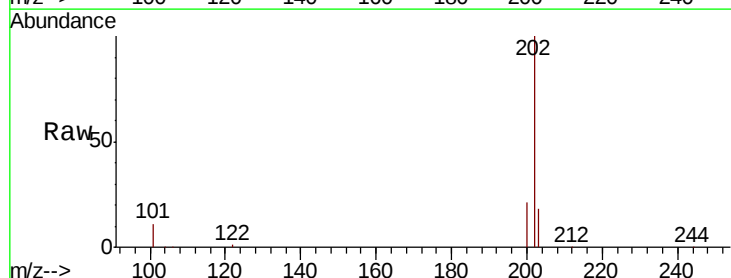
Tgt Ion:202 Resp: 63700

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

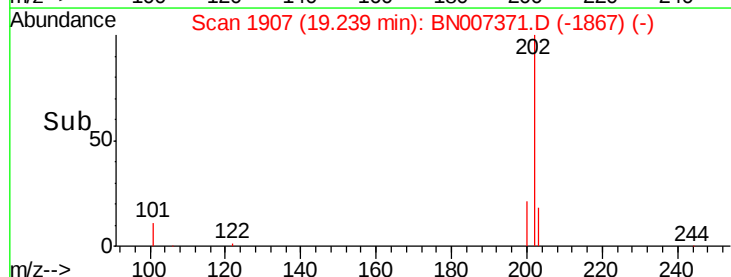
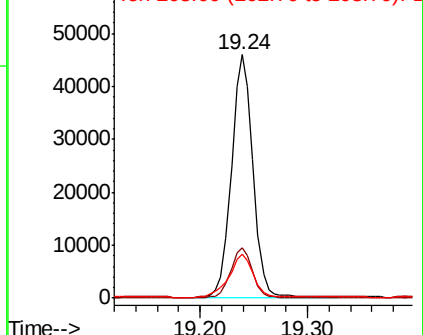
203 20.1 14.2 21.4



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: 0.157 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

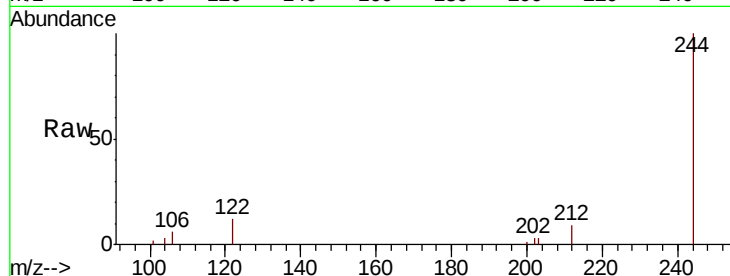
Tgt Ion:244 Resp: 11250

Ion Ratio Lower Upper

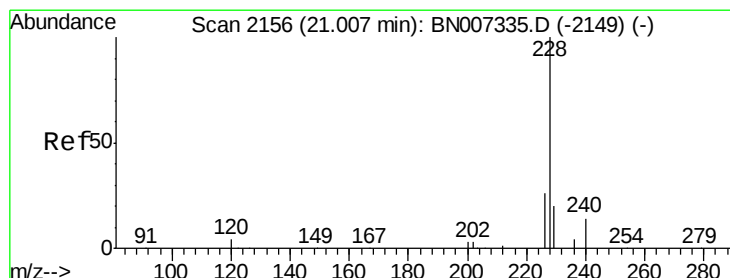
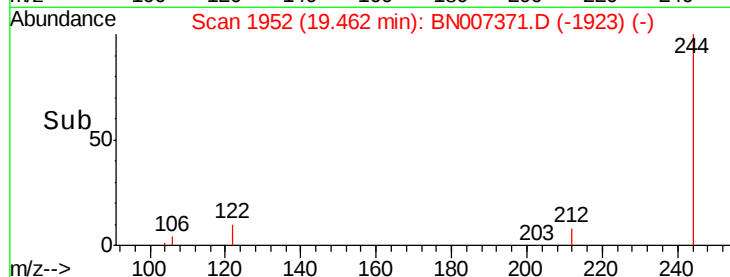
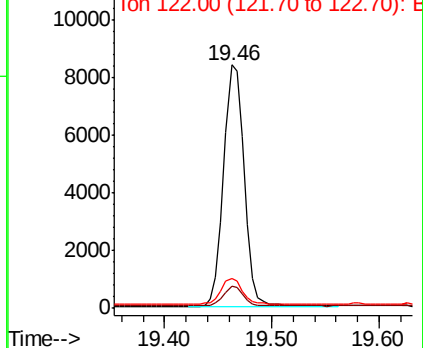
244 100

212 8.9 7.0 10.6

122 12.1 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: 0.506 ng

RT: 21.01 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

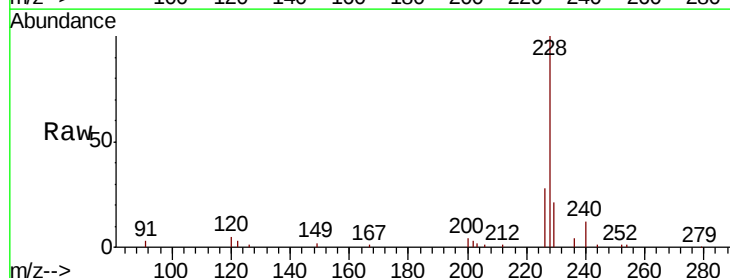
Tgt Ion:228 Resp: 54447

Ion Ratio Lower Upper

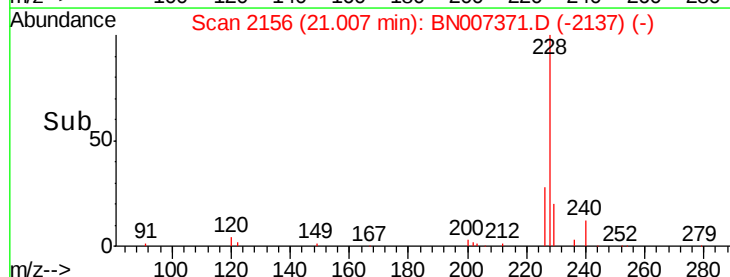
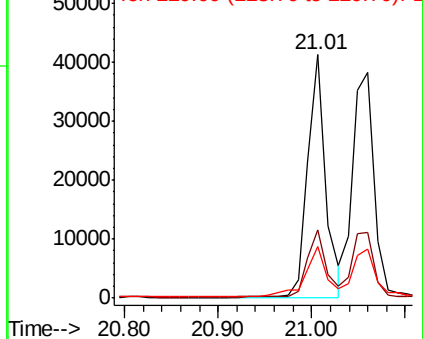
228 100

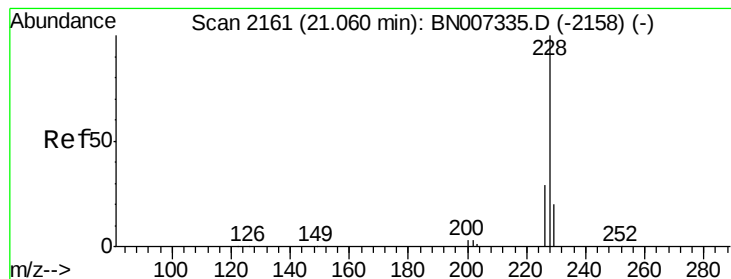
226 27.9 21.3 31.9

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: 0.576 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

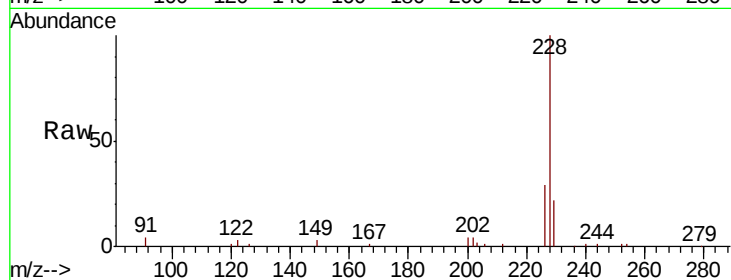
Tgt Ion:228 Resp: 59814

Ion Ratio Lower Upper

228 100

226 28.9 23.5 35.3

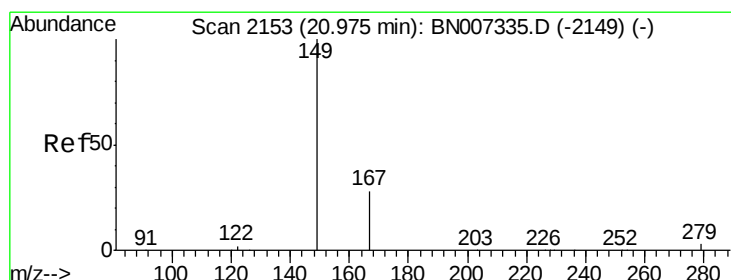
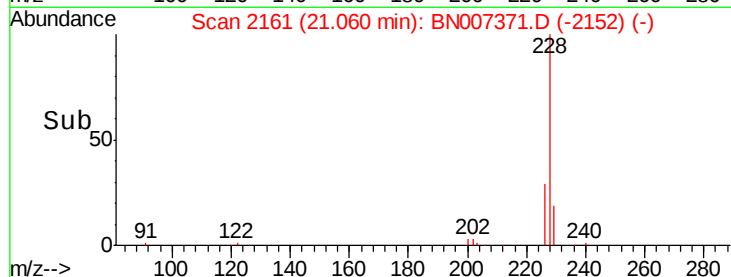
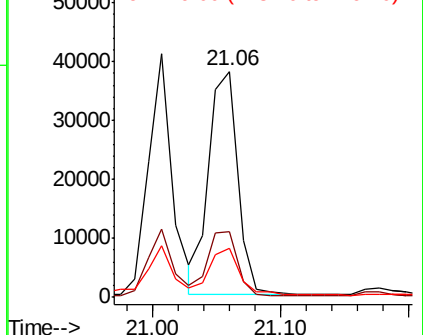
229 21.6 16.6 24.8



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: 0.253 ng

RT: 20.97 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

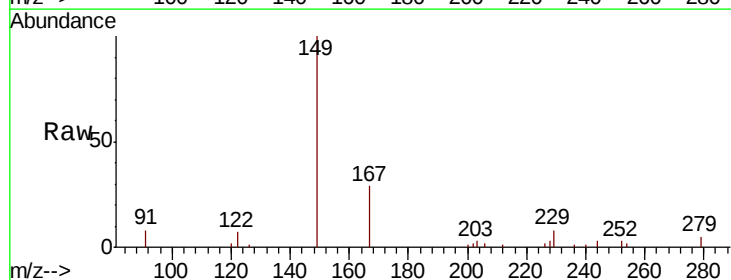
Tgt Ion:149 Resp: 18943

Ion Ratio Lower Upper

149 100

167 28.8 22.8 34.2

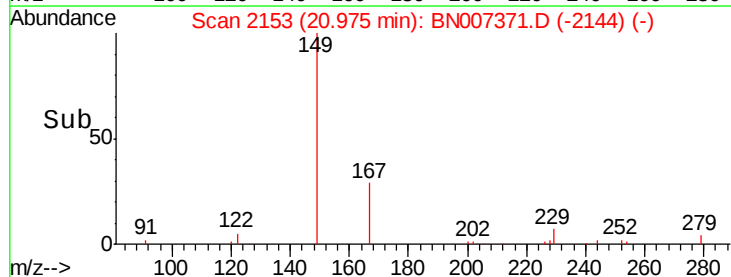
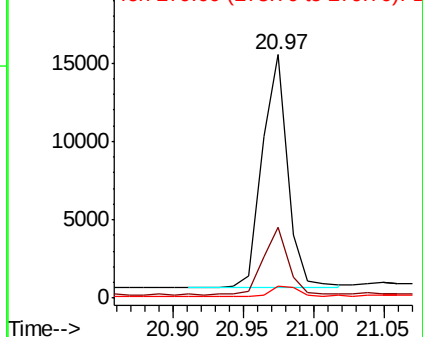
279 4.7 3.5 5.3



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: 0.477 ng

RT: 25.19 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

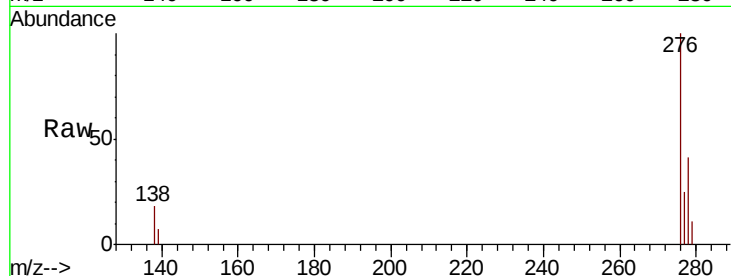
Tgt Ion:276 Resp: 59655

Ion Ratio Lower Upper

276 100

138 18.2 15.1 22.7

277 24.9 19.7 29.5

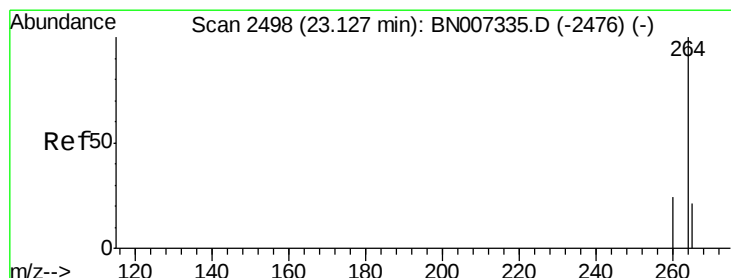
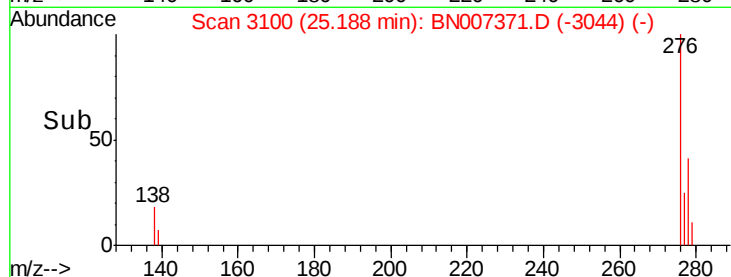
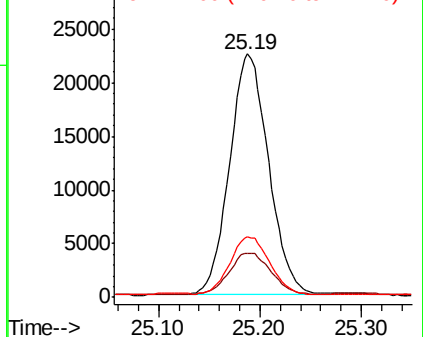


Abundance

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: 23.13 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

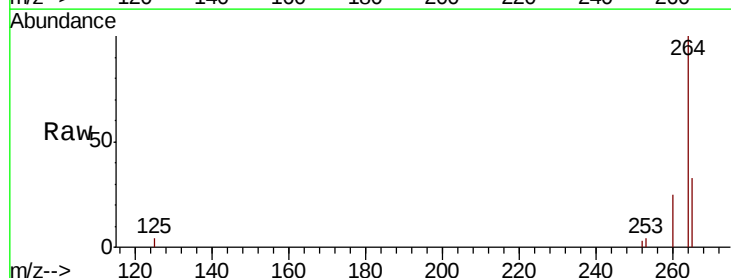
Tgt Ion:264 Resp: 31947

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 32.6 29.9 44.9

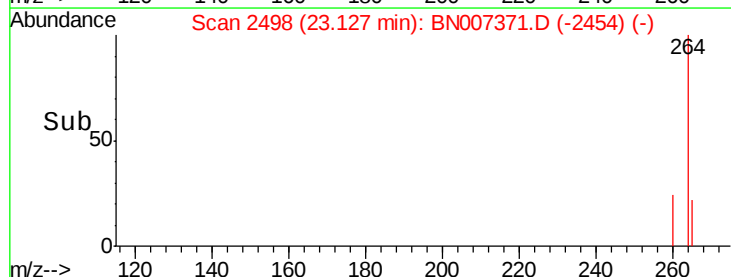
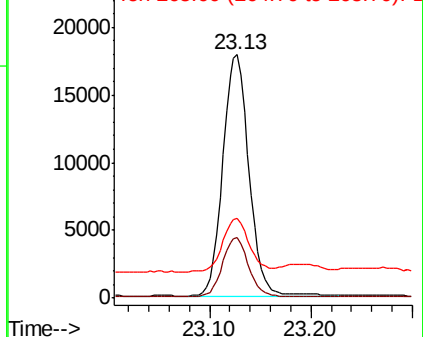


Abundance

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

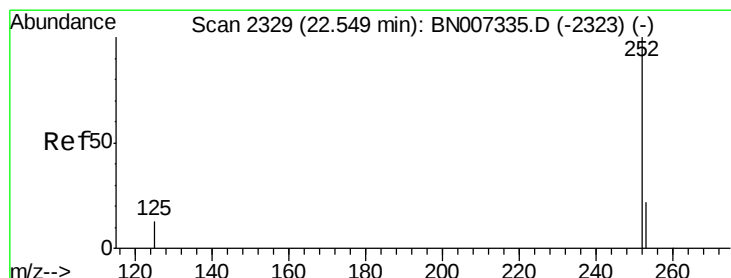
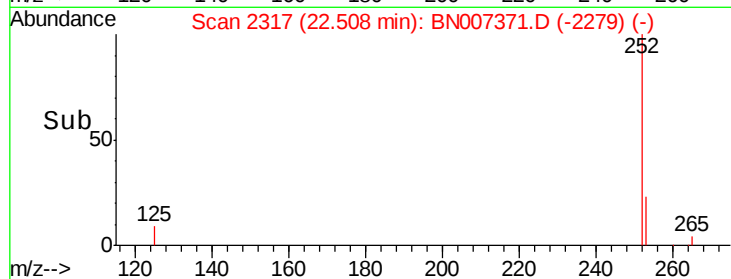
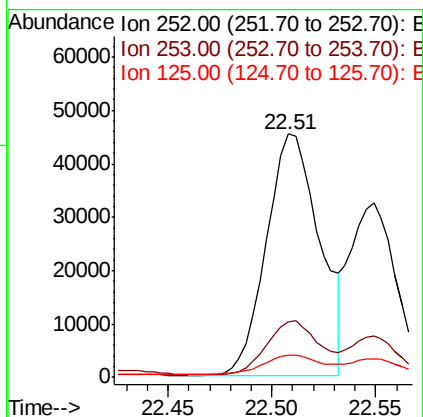
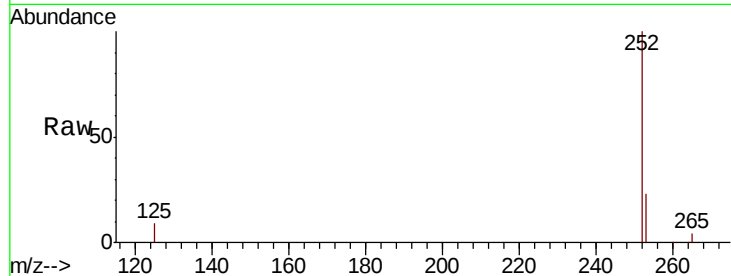




#35
Benzo(b)fluoranthene
Concen: 0.695 ng
RT: 22.51 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BN007371.D
Acq: 24 Aug 2019 19:42

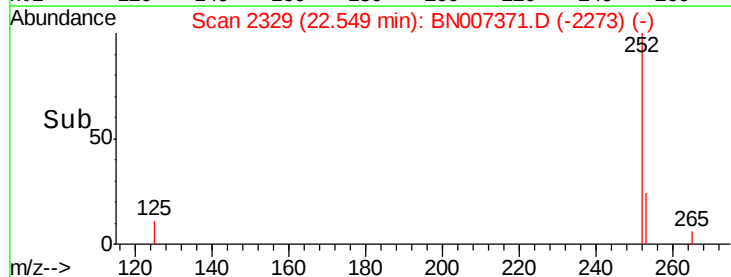
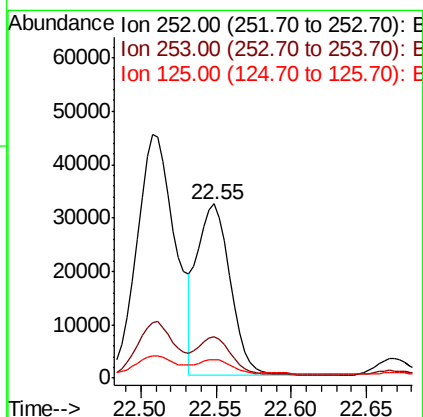
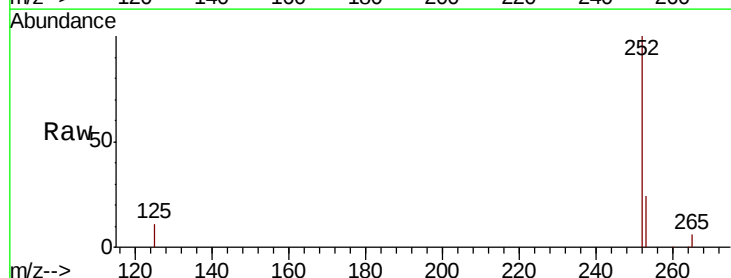
Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MS

Tgt Ion:252 Resp: 80402
Ion Ratio Lower Upper
252 100
253 22.9 19.2 28.8
125 9.2 10.6 16.0#



#36
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 22.55 min Scan# 2329
Delta R.T. 0.00 min
Lab File: BN007371.D
Acq: 24 Aug 2019 19:42

Tgt Ion:252 Resp: 49658
Ion Ratio Lower Upper
252 100
253 23.9 19.4 29.2
125 10.5 13.1 19.7#





#37

Benzo(a)pyrene

Concen: 0.230 ng

RT: 22.95 min Scan# 2446

Delta R.T. -0.09 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS

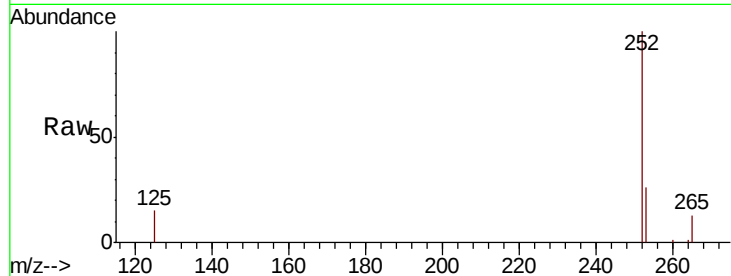
Tgt Ion:252 Resp: 25317

Ion Ratio Lower Upper

252 100

253 25.9 19.5 29.3

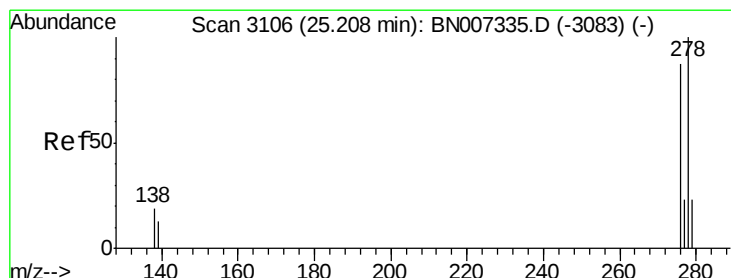
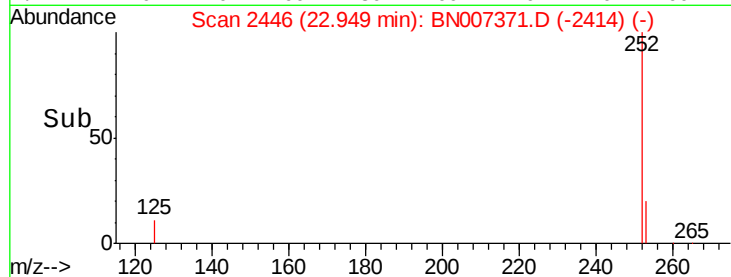
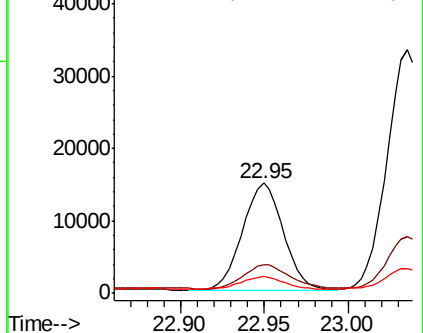
125 15.3 12.1 18.1



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: 0.331 ng

RT: 25.21 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN007371.D

Acq: 24 Aug 2019 19:42

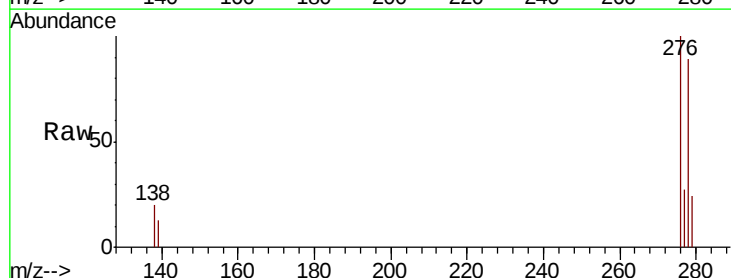
Tgt Ion:278 Resp: 36361

Ion Ratio Lower Upper

278 100

139 15.0 13.7 20.5

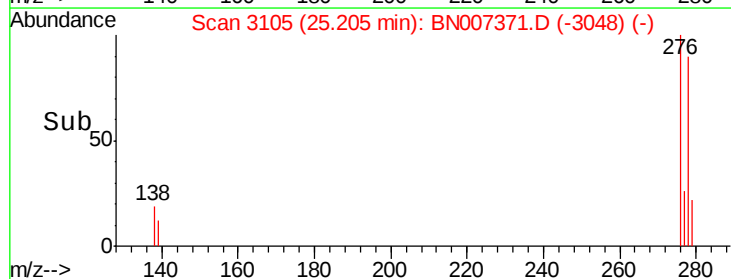
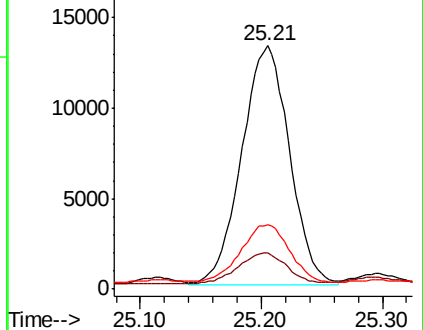
279 26.4 20.2 30.4



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: 0.502 ng

RT: 25.81 min Scan# 3283

Delta R.T. -0.00 min

Lab File: BN007371.D

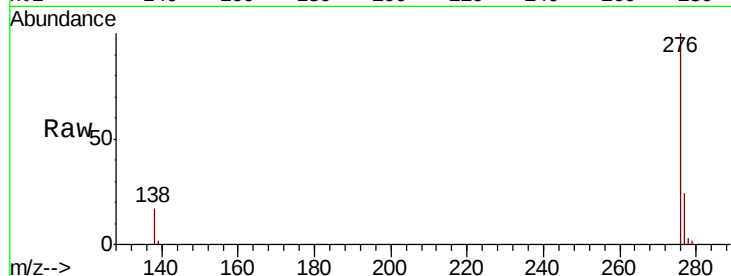
Acq: 24 Aug 2019 19:42

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MS



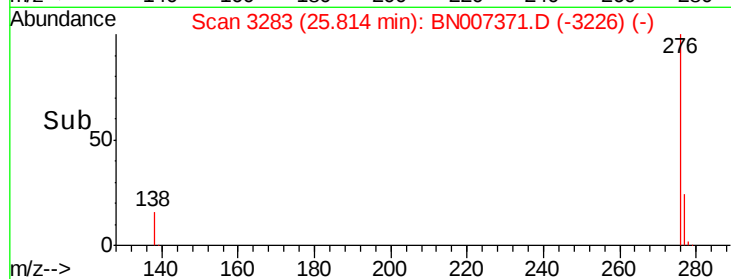
Tgt Ion: 276 Resp: 55013

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 17.3 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

