

Data File : BN007399.D
Acq On : 25 Aug 2019 17:14
Operator : HP/JU
Sample : K4496-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219MSD

Quant Time: Aug 26 05:23:01 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	3860	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	15495	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	8179	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	17847	0.40	ng	0.00
27) Chrysene-d12	21.02	240	18156	0.40	ng	0.00
34) Perylene-d12	23.12	264	21652	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	3720	0.27	ng	0.00
5) Phenol-d6	6.59	99	4856	0.28	ng	0.00
8) Nitrobenzene-d5	8.45	82	294	0.02	ng	-0.08
11) 2-Methylnaphthalene-d10	11.75	152	10103	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1287	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	8780	0.27	ng	0.00
25) Fluoranthene-d10	18.84	212	14661	0.26	ng	0.00
29) Terphenyl-d14	19.46	244	10407	0.22	ng	0.00

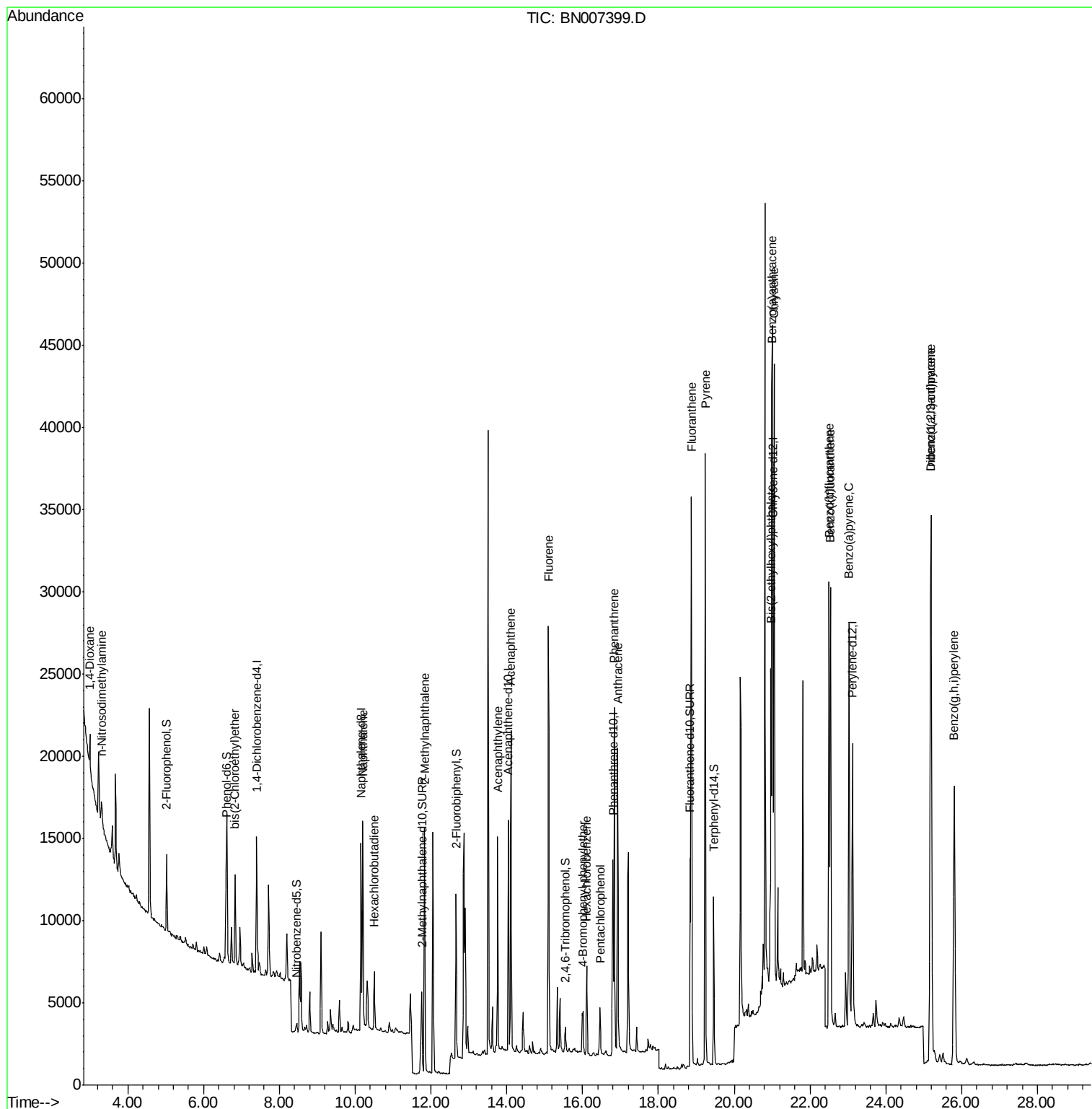
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	1892	0.295	ng	# 90
3) n-Nitrosodimethylamine	3.30	42	1011	0.339	ng	# 81
6) bis(2-Chloroethyl)ether	6.83	93	4480	0.321	ng	98
9) Naphthalene	10.20	128	15889	0.359	ng	# 91
10) Hexachlorobutadiene	10.51	225	2822	0.311	ng	# 99
12) 2-Methylnaphthalene	11.83	142	11047	0.366	ng	95
16) Acenaphthylene	13.75	152	17160	0.355	ng	99
17) Acenaphthene	14.11	154	9735	0.344	ng	100
18) Fluorene	15.10	166	12396	0.346	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1271	0.181	ng	# 87
21) Hexachlorobenzene	16.11	284	4285	0.358	ng	98
22) Pentachlorophenol	16.46	266	1603	0.431	ng	# 63
23) Phenanthrene	16.83	178	23648	0.441	ng	99
24) Anthracene	16.93	178	19797	0.367	ng	99
26) Fluoranthene	18.87	202	32637	0.474	ng	99
28) Pyrene	19.23	202	34651	0.474	ng	99
30) Benzo(a)anthracene	21.00	228	30749	0.431	ng	97
31) Chrysene	21.05	228	30094	0.437	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	18201	0.375	ng	100
33) Indeno(1,2,3-cd)pyrene	25.18	276	38791	0.468	ng	99
35) Benzo(b)fluoranthene	22.50	252	35400	0.451	ng	98
36) Benzo(k)fluoranthene	22.54	252	31123	0.401	ng	98
37) Benzo(a)pyrene	23.03	252	32405	0.434	ng	97
38) Dibenzo(a,h)anthracene	25.19	278	29413	0.395	ng	97
39) Benzo(g,h,i)perylene	25.80	276	34523	0.465	ng	98

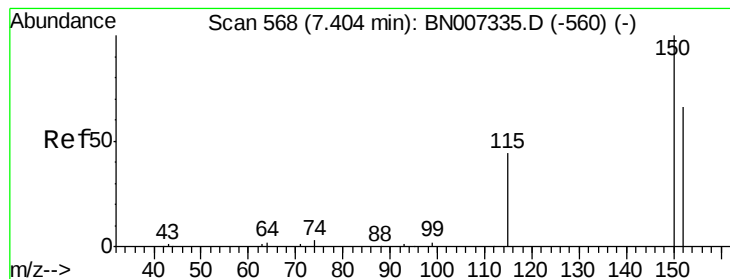
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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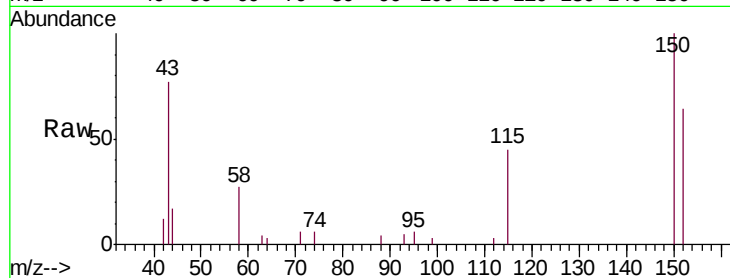


#1

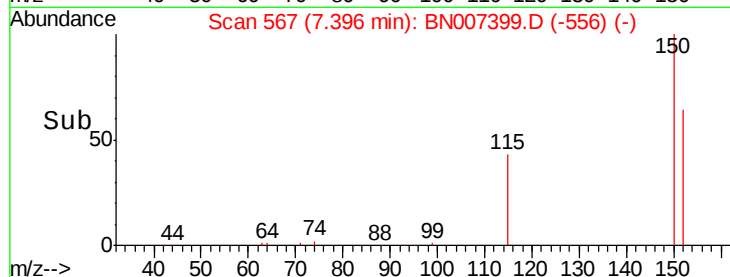
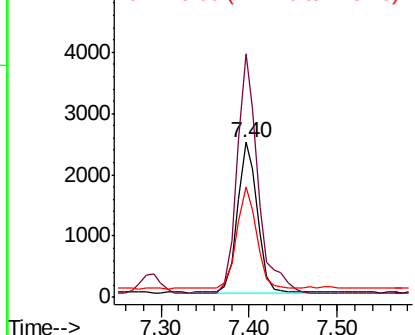
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007399.D
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Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219MSD

Tgt Ion:152 Resp: 3860
Ion Ratio Lower Upper
152 100
150 157.0 109.1 163.7
115 71.1 59.6 89.4



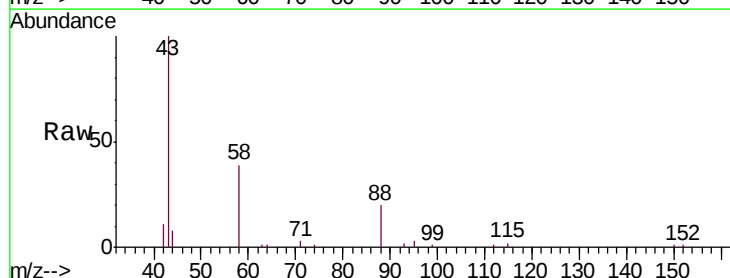
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



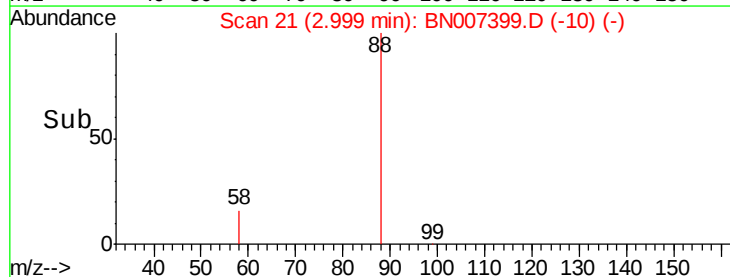
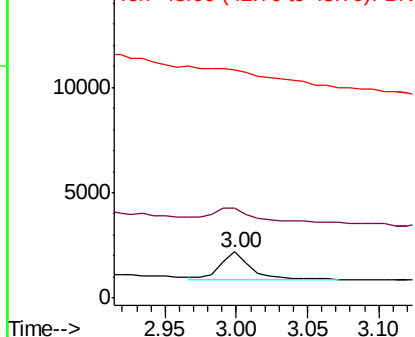
#2

1,4-Dioxane
Concen: 0.295 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion: 88 Resp: 1892
Ion Ratio Lower Upper
88 100
58 70.8 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: 0.339 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.02 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

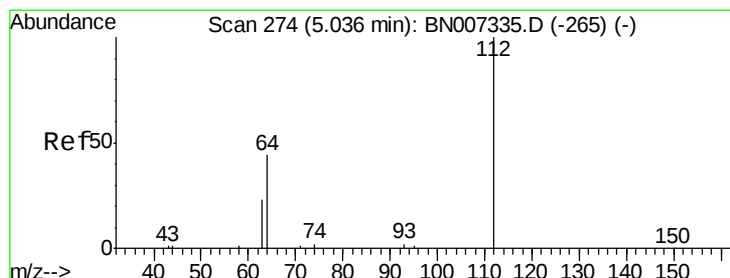
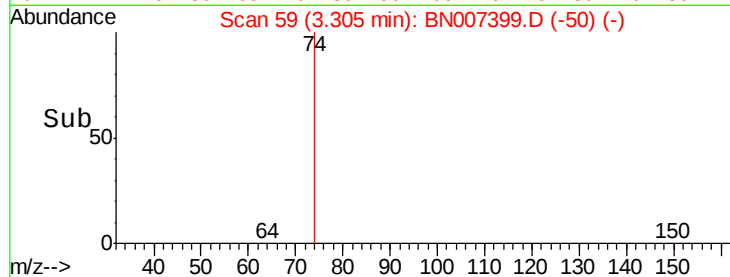
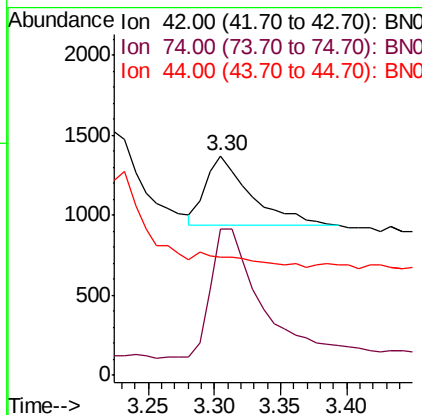
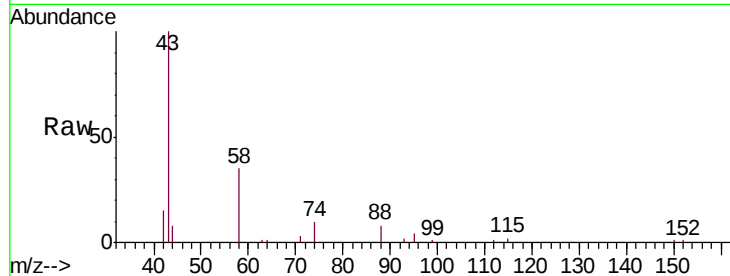
Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

Tgt Ion:	42	Resp:	1011
Ion	Ratio	Lower	Upper
42	100		
74	208.6	144.7	217.1
44	0.0	3.2	4.8#



#4

2-Fluorophenol

Concen: 0.268 ng

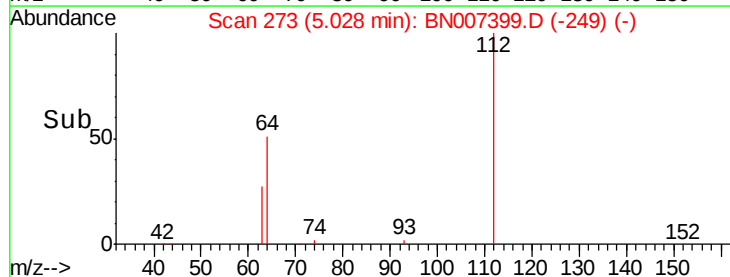
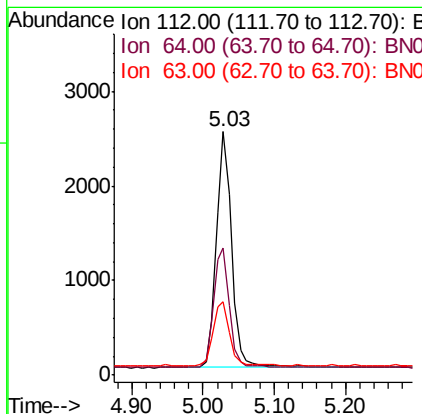
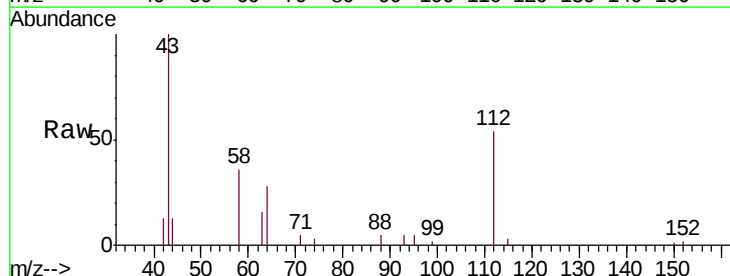
RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Tgt Ion:	112	Resp:	3720
Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.3	63.5
63	29.2	23.6	35.4





#5

Phenol-d6

Concen: 0.276 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

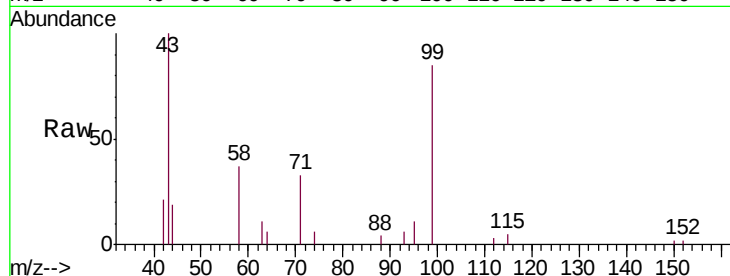
Tgt Ion: 99 Resp: 4856

Ion Ratio Lower Upper

99 100

42 18.8 11.2 16.8#

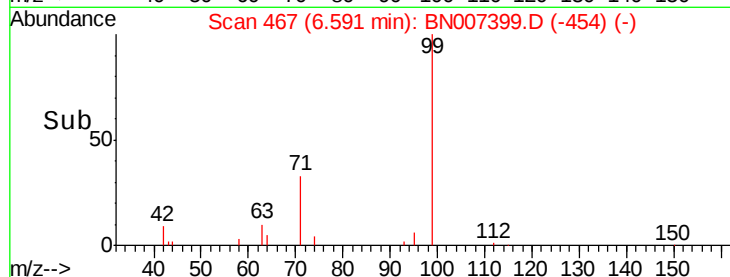
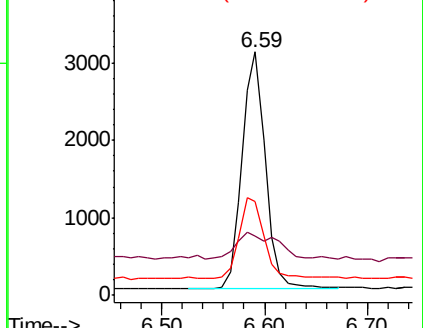
71 36.7 31.8 47.8



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) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.321 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

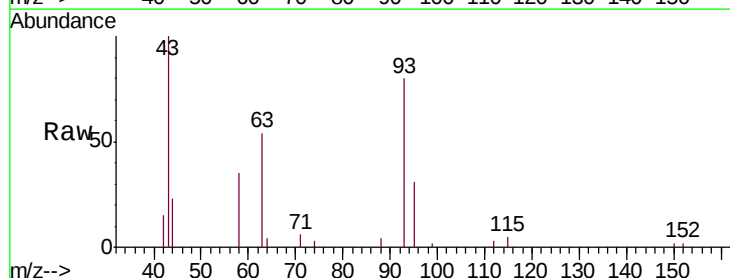
Tgt Ion: 93 Resp: 4480

Ion Ratio Lower Upper

93 100

63 63.8 51.9 77.9

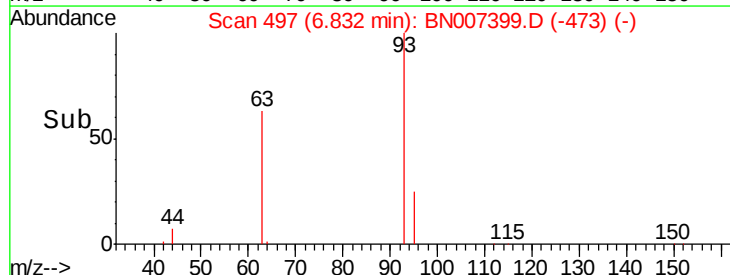
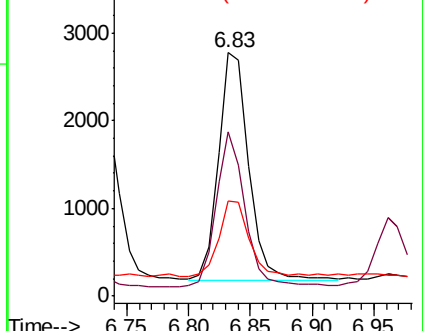
95 32.4 27.7 41.5

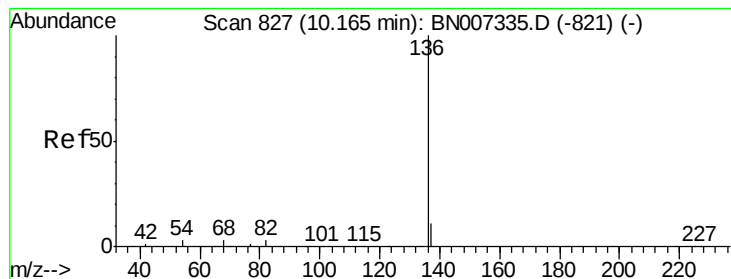


Abundance Ion 93.00 (92.70 to 93.70): BN007335.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007335.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007335.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

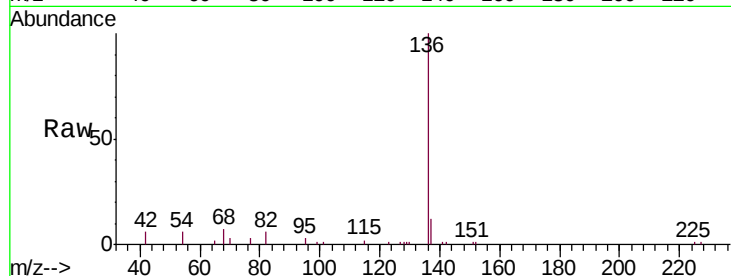
Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

Tgt Ion:	136	Resp:	15495
Ion	Ratio	Lower	Upper
136	100		
137	11.6	12.9	19.3#
54	5.7	8.6	12.8#
68	7.4	17.0	25.4#

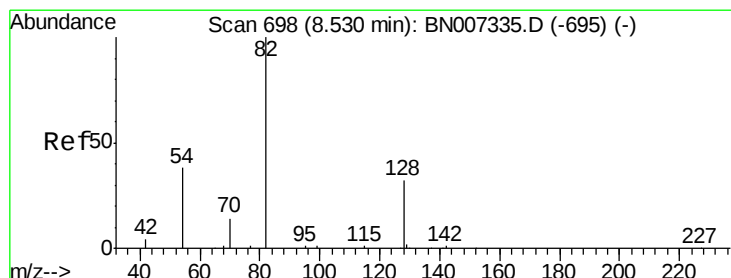
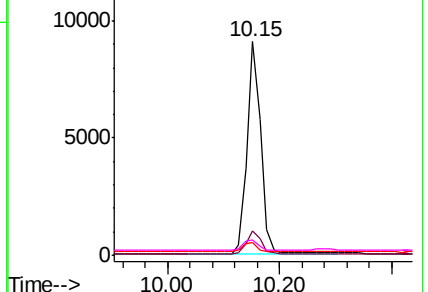
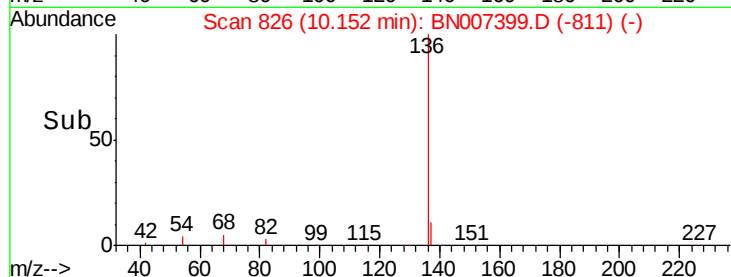


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.022 ng

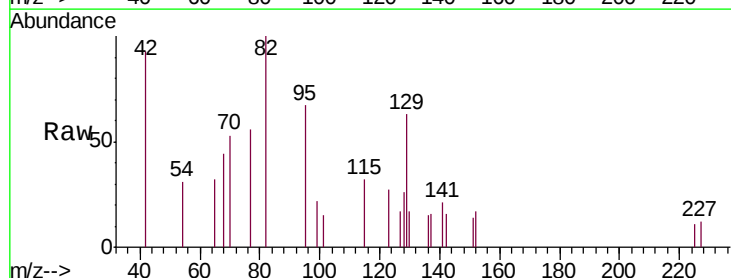
RT: 8.45 min Scan# 692

Delta R.T. -0.08 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

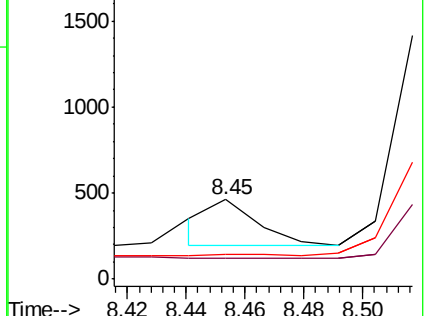
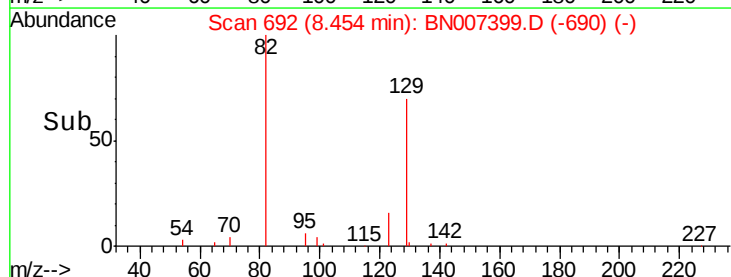
Tgt Ion:	82	Resp:	294
Ion	Ratio	Lower	Upper
82	100		
128	26.1	19.7	29.5
54	30.7	25.8	38.6



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: 0.359 ng

RT: 10.20 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

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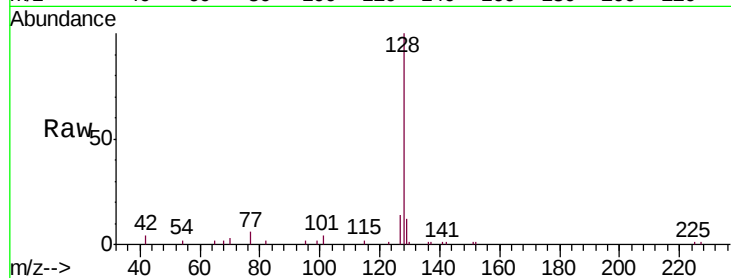
Tgt Ion:128 Resp: 15889

Ion Ratio Lower Upper

128 100

129 11.9 11.1 16.7

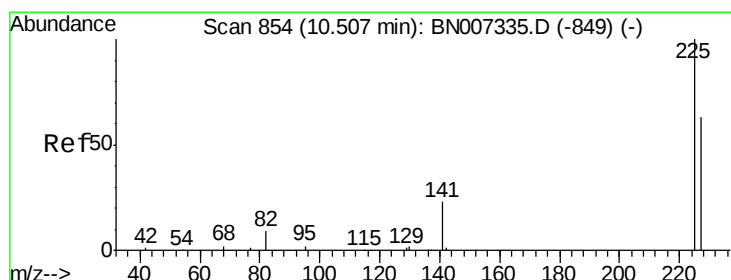
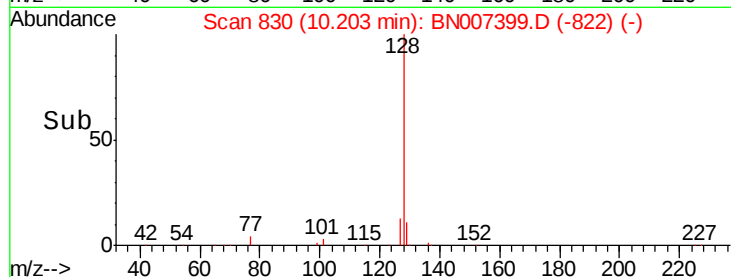
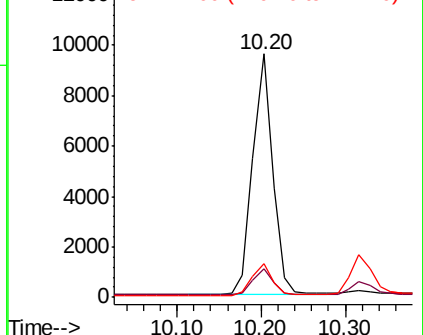
127 13.6 15.5 23.3#



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: 0.311 ng

RT: 10.51 min Scan# 854

Delta R.T. 0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

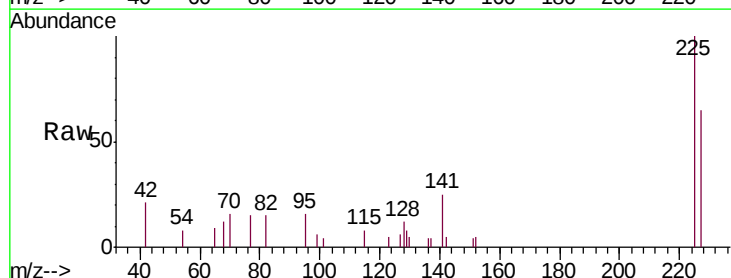
Tgt Ion:225 Resp: 2822

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

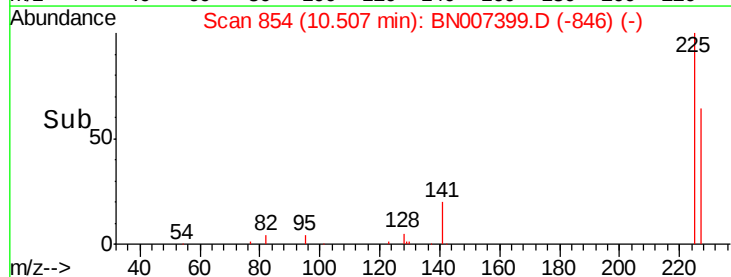
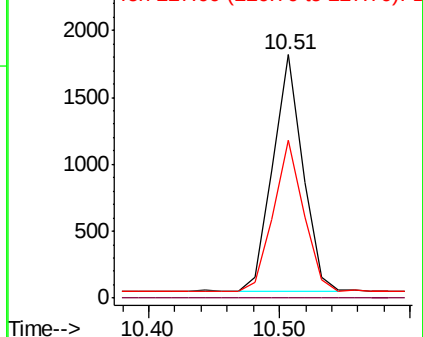
227 64.4 50.7 76.1



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: 0.392 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

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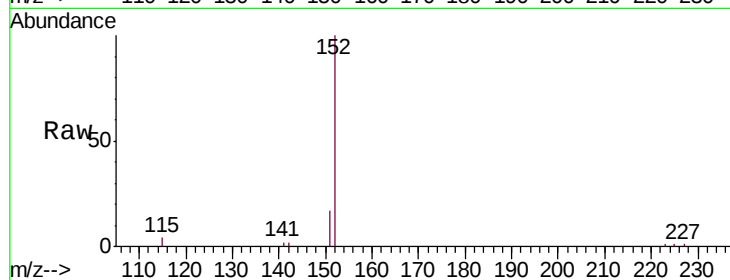
S600-M-1.0-1.5-082219MSD

Tgt Ion:152 Resp: 10103

Ion Ratio Lower Upper

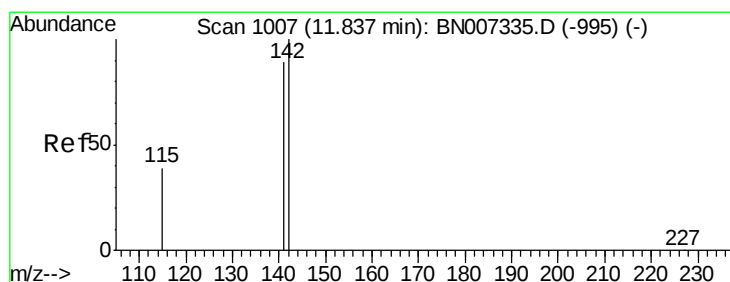
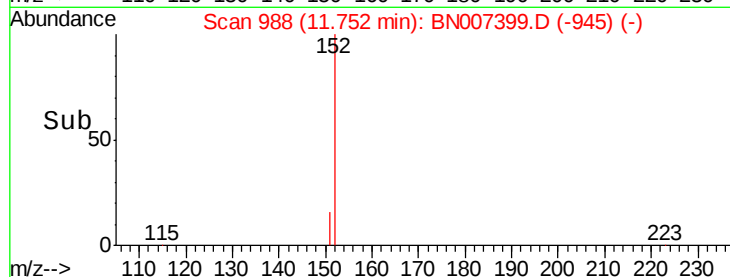
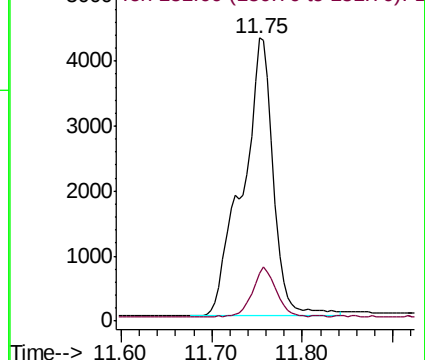
152 100

151 13.6 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: 0.366 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

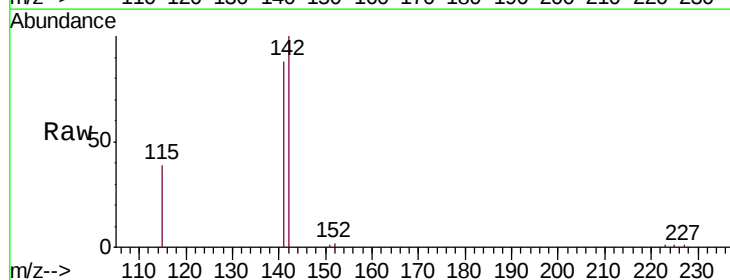
Tgt Ion:142 Resp: 11047

Ion Ratio Lower Upper

142 100

141 87.7 72.8 109.2

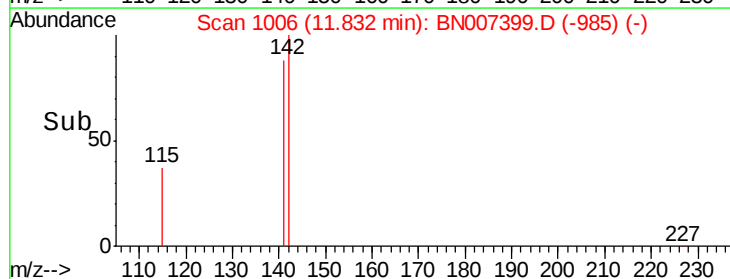
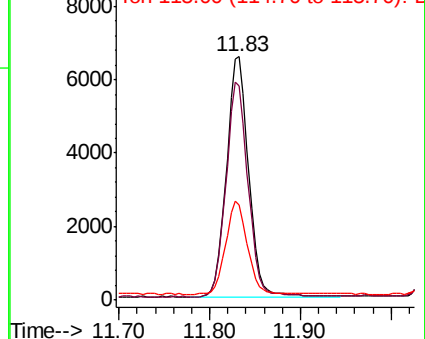
115 39.2 35.2 52.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

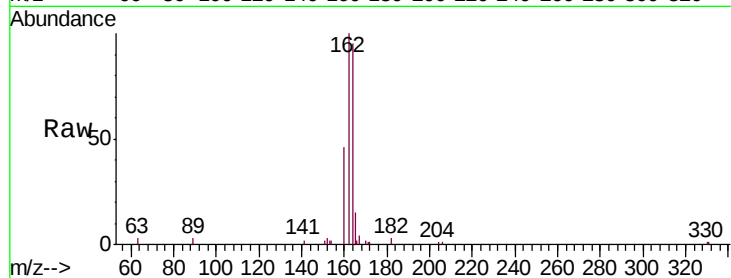
Tgt Ion:164 Resp: 8179

Ion Ratio Lower Upper

164 100

162 104.9 83.5 125.3

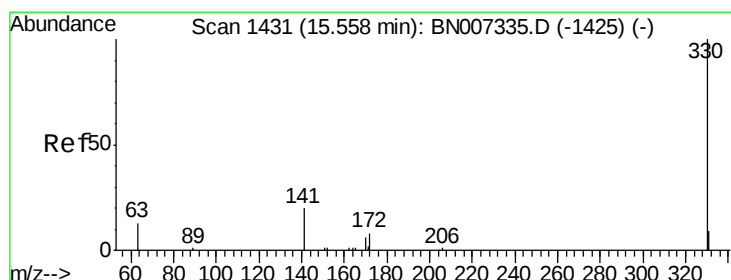
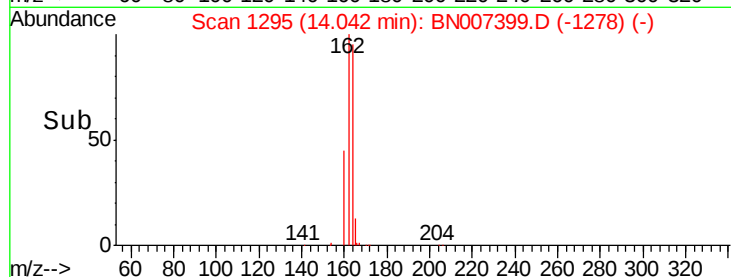
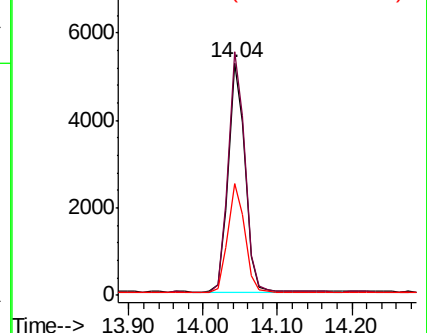
160 48.3 38.2 57.4



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: 0.301 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

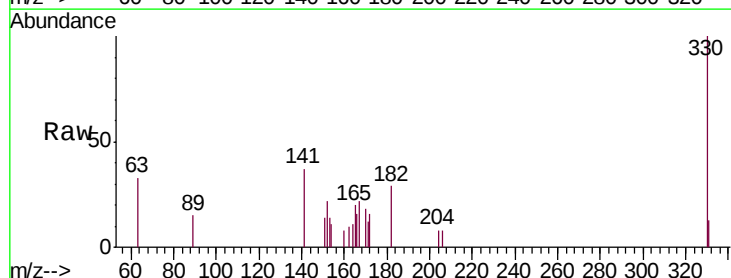
Tgt Ion:330 Resp: 1287

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

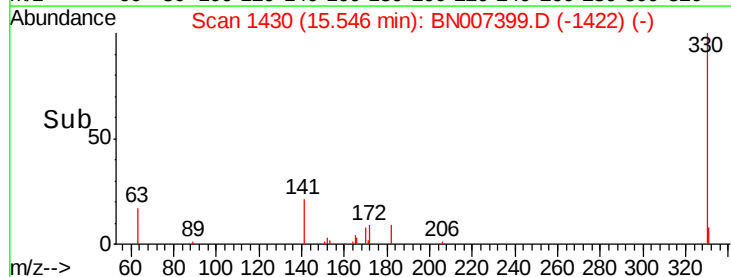
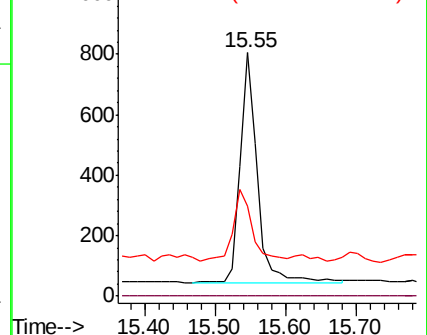
141 33.7 26.9 40.3

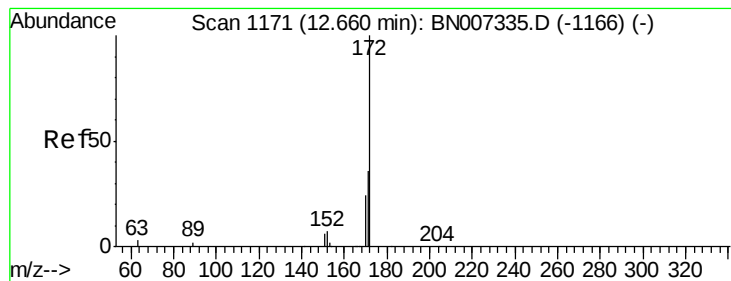


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.266 ng

RT: 12.66 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

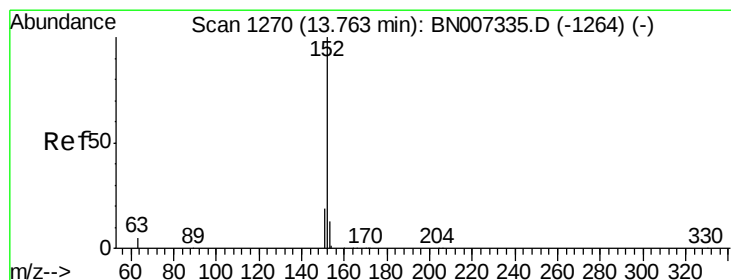
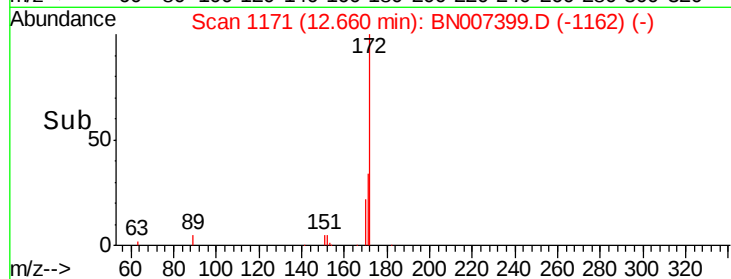
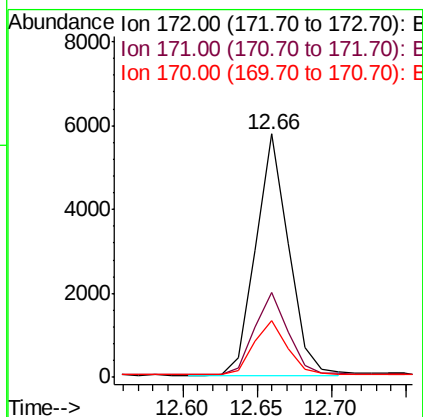
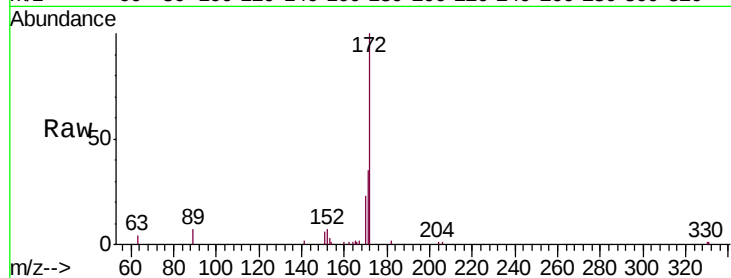
Tgt Ion:172 Resp: 8780

Ion Ratio Lower Upper

172 100

171 35.0 30.3 45.5

170 23.2 20.7 31.1



#16

Acenaphthylene

Concen: 0.355 ng

RT: 13.75 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

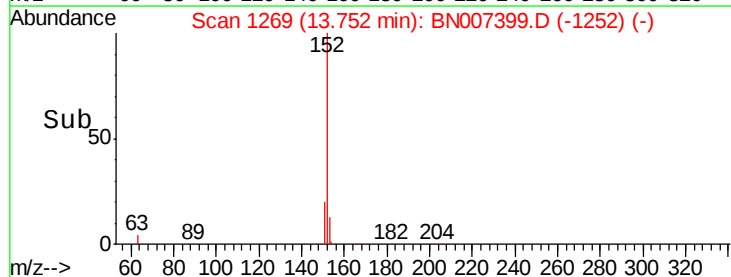
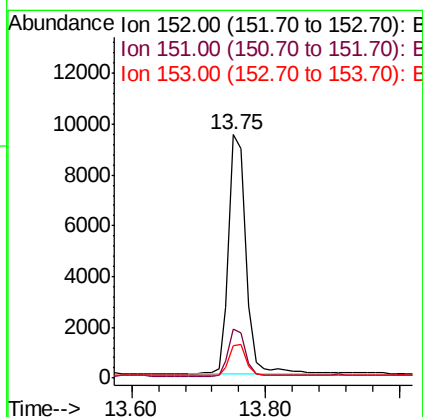
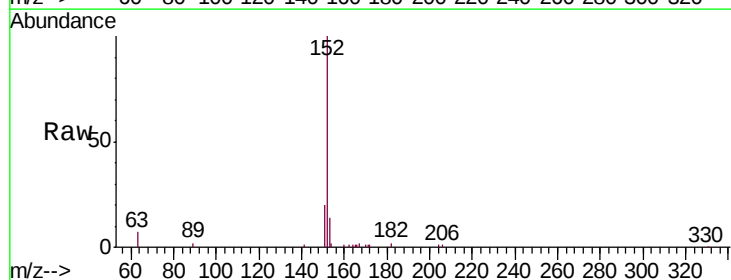
Tgt Ion:152 Resp: 17160

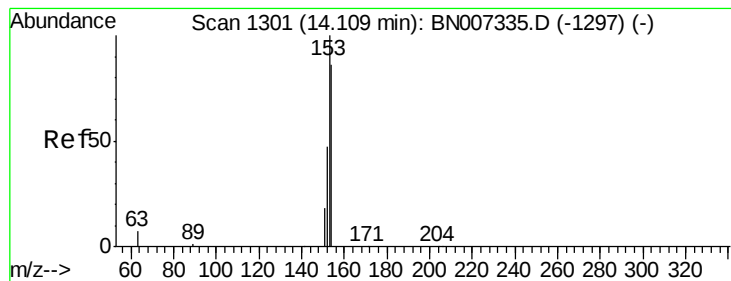
Ion Ratio Lower Upper

152 100

151 19.0 16.1 24.1

153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.344 ng

RT: 14.11 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

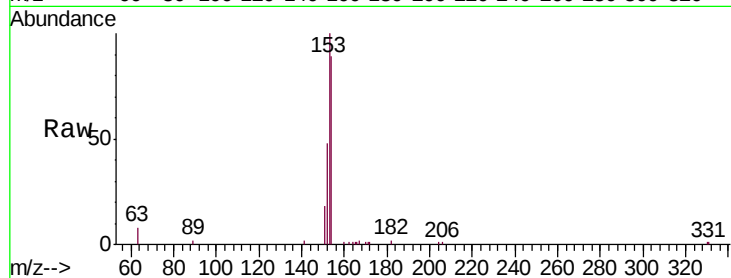
Tgt Ion:154 Resp: 9735

Ion Ratio Lower Upper

154 100

153 115.5 92.8 139.2

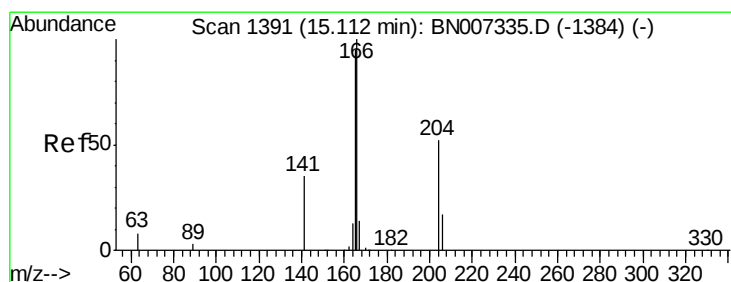
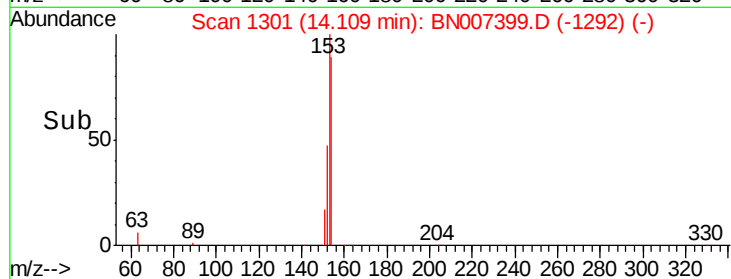
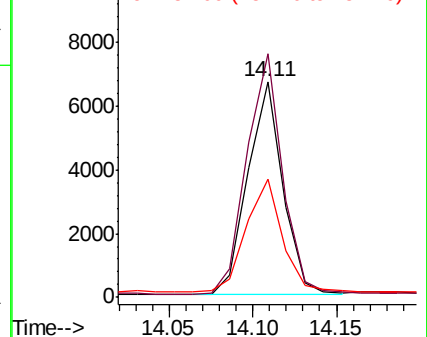
152 54.8 43.8 65.8



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: 0.346 ng

RT: 15.10 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

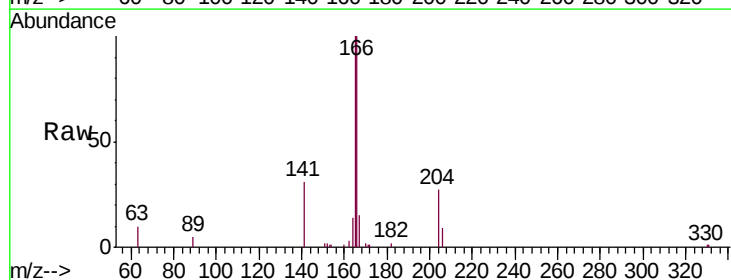
Tgt Ion:166 Resp: 12396

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.4

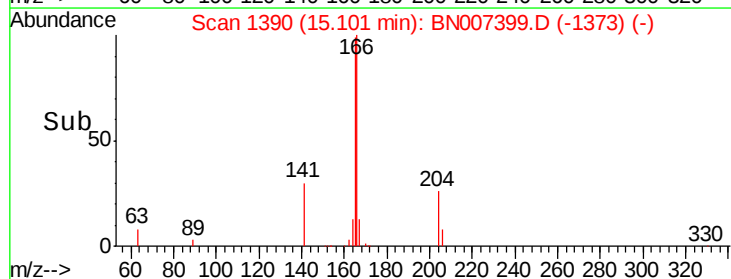
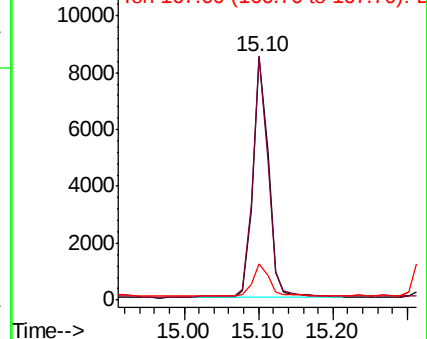
167 13.9 10.6 15.8

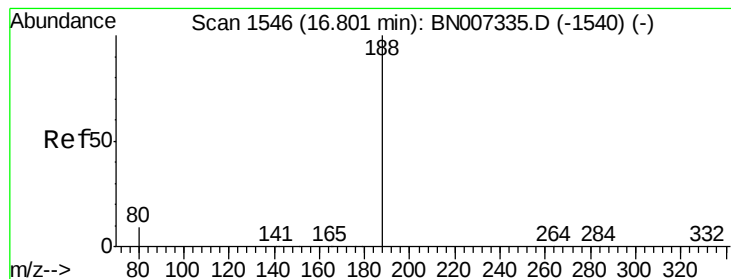


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

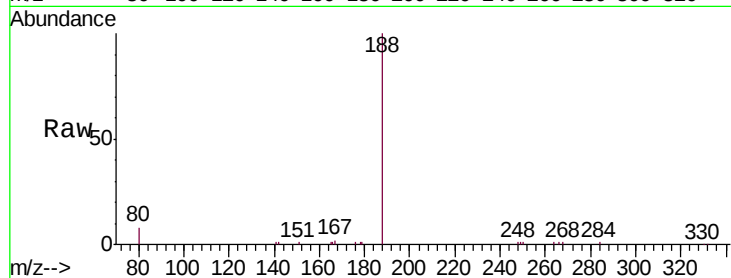
Tgt Ion:188 Resp: 17847

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

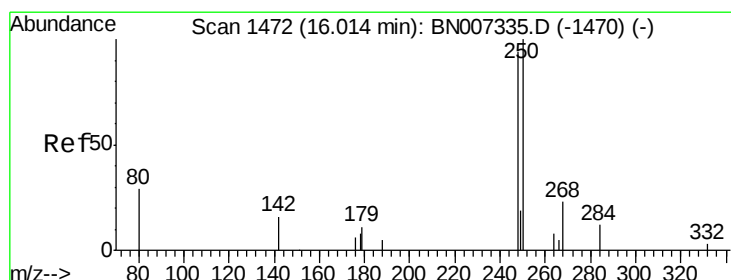
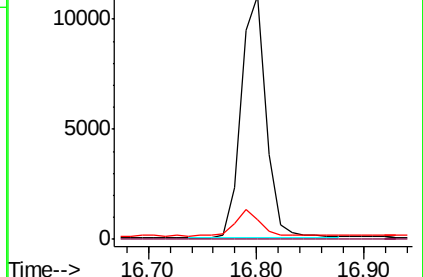
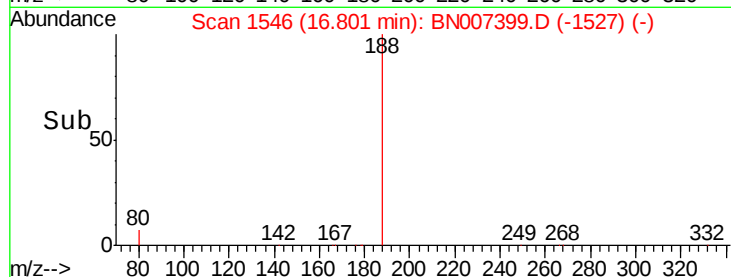
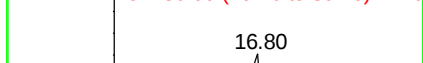
80 8.3 11.8 17.8#



Abundance Ion 188.00 (187.70 to 188.70): E

15000 Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.181 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

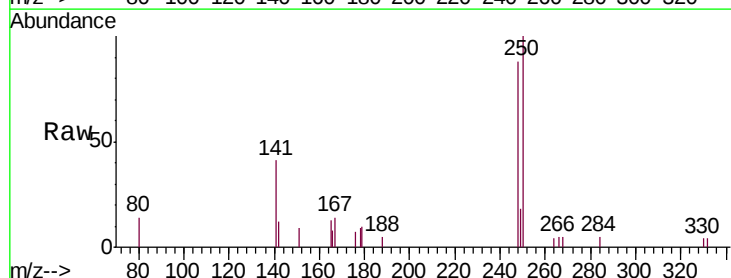
Tgt Ion:248 Resp: 1271

Ion Ratio Lower Upper

248 100

250 113.9 85.0 127.6

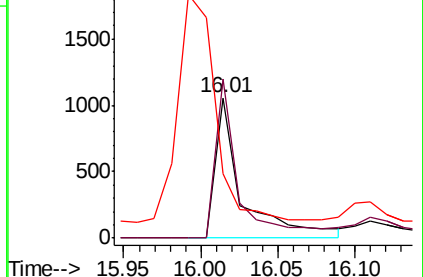
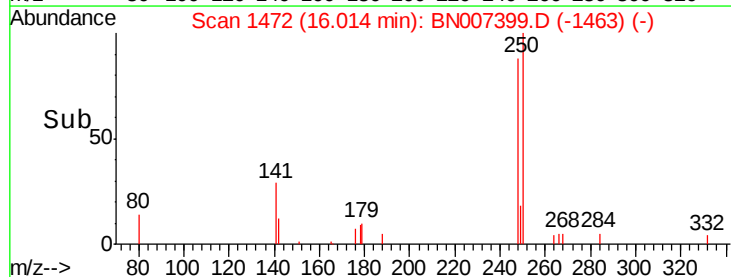
141 46.2 51.7 77.5#



Abundance Ion 248.00 (247.70 to 248.70): E

2500 Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

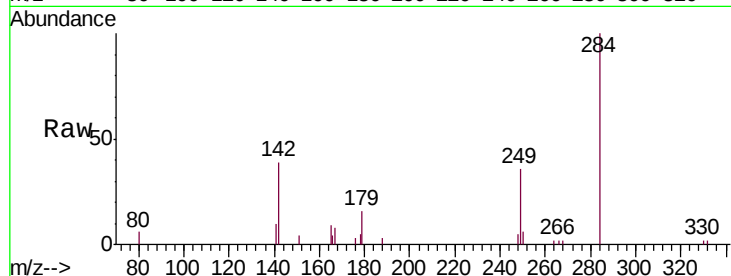




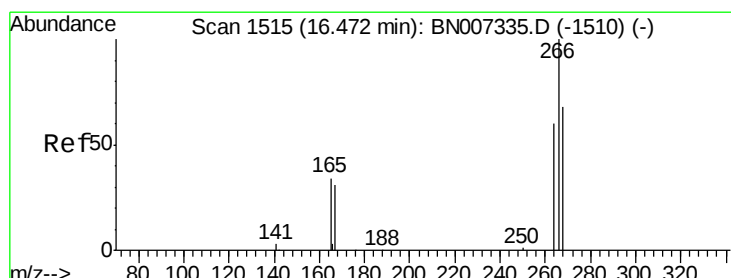
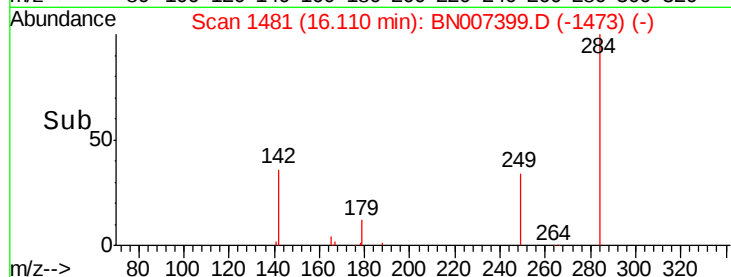
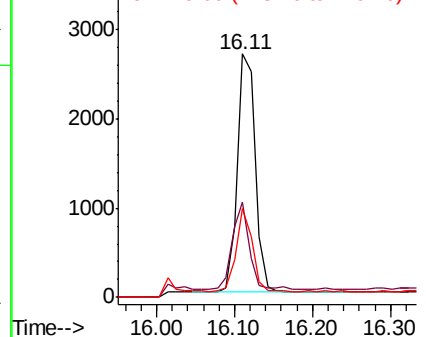
#21
Hexachlorobenzene
Concen: 0.358 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	29.0	43.6
249	30.9	24.9	37.3

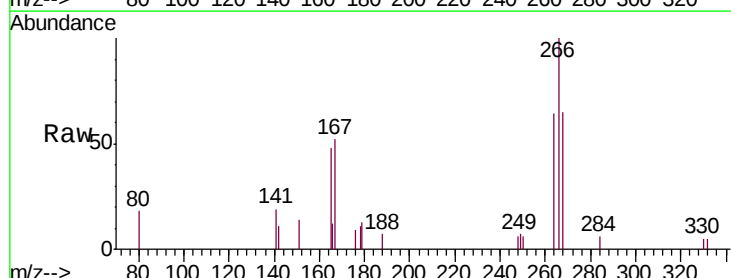


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

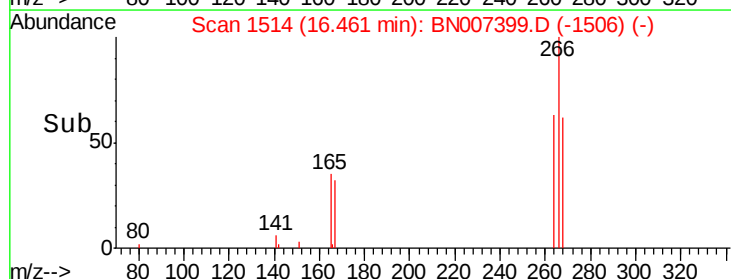
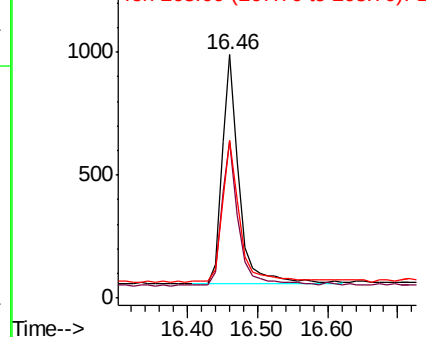


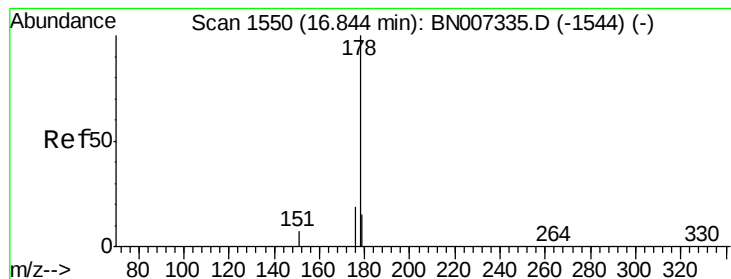
#22
Pentachlorophenol
Concen: 0.431 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.3	57.8	86.8
268	64.9	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: 0.441 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

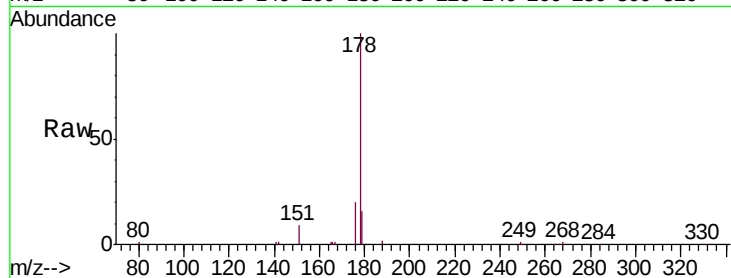
Tgt Ion:178 Resp: 23648

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

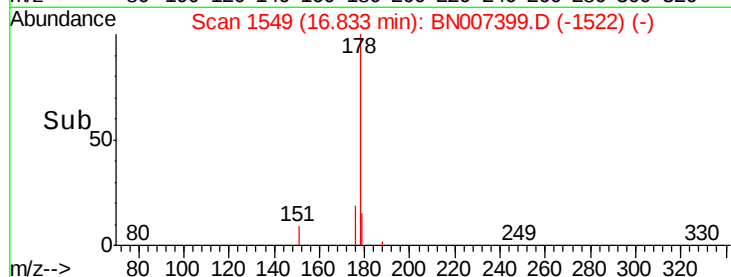
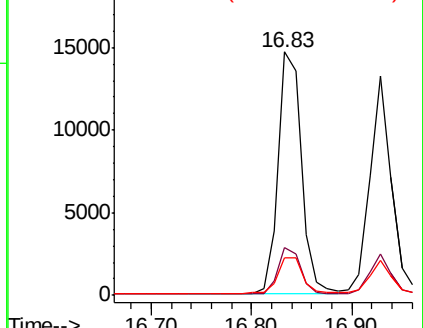
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

20000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.367 ng

RT: 16.93 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

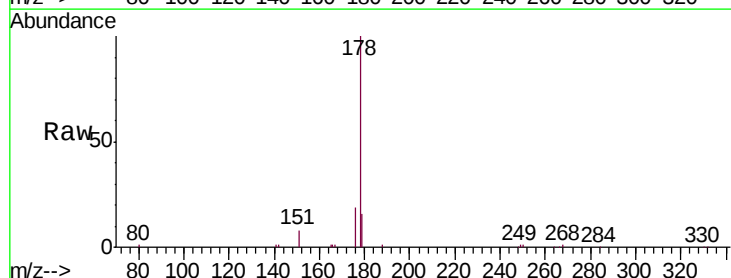
Tgt Ion:178 Resp: 19797

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

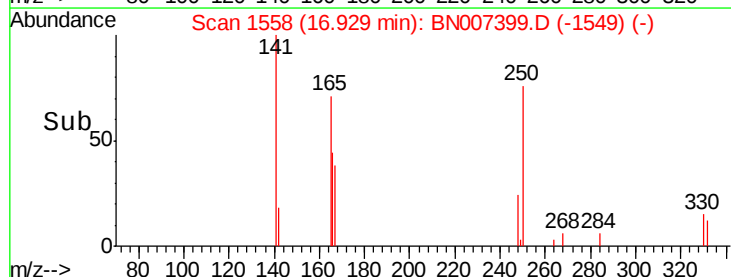
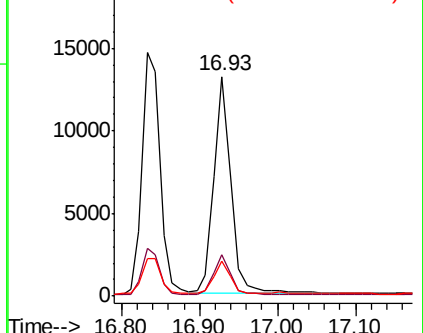
179 14.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

20000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.255 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

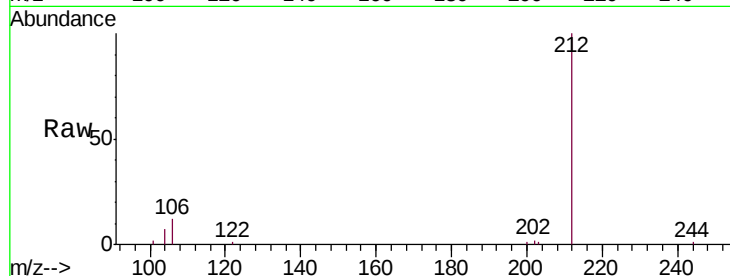
Tgt Ion:212 Resp: 14661

Ion Ratio Lower Upper

212 100

106 11.2 9.0 13.4

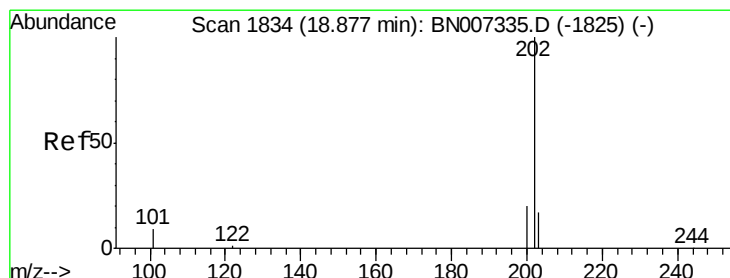
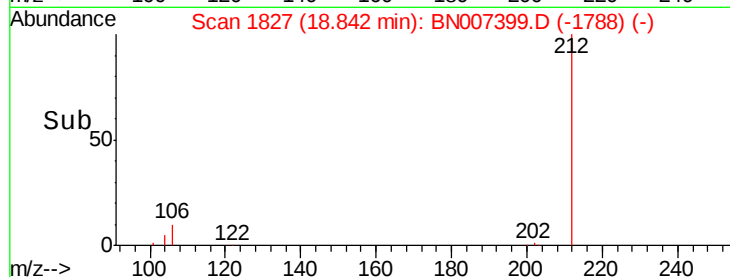
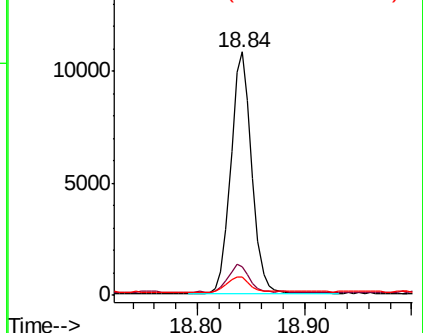
104 7.1 5.4 8.2



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: 0.474 ng

RT: 18.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

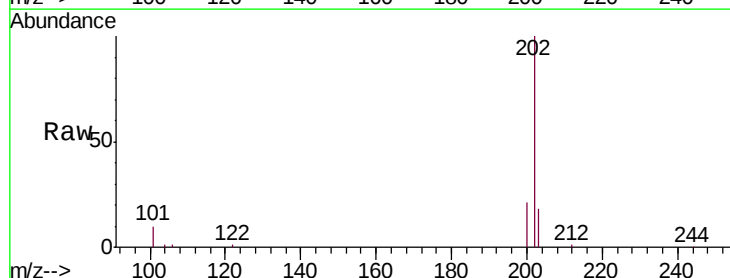
Tgt Ion:202 Resp: 32637

Ion Ratio Lower Upper

202 100

101 9.9 7.7 11.5

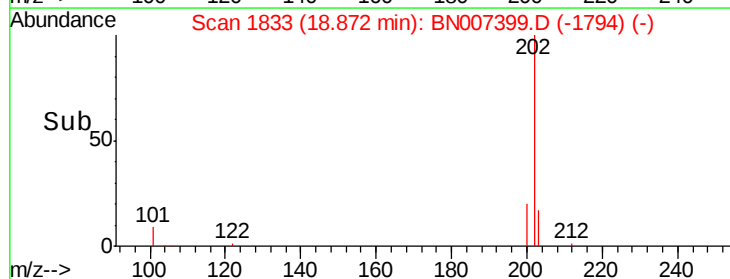
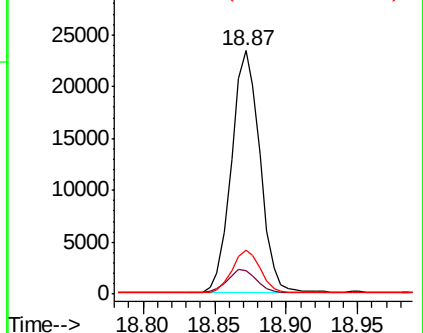
203 17.3 13.7 20.5



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: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

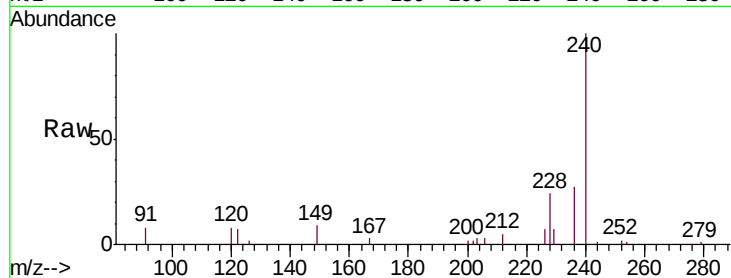
Tgt Ion:240 Resp: 18156

Ion Ratio Lower Upper

240 100

120 8.0 9.6 14.4#

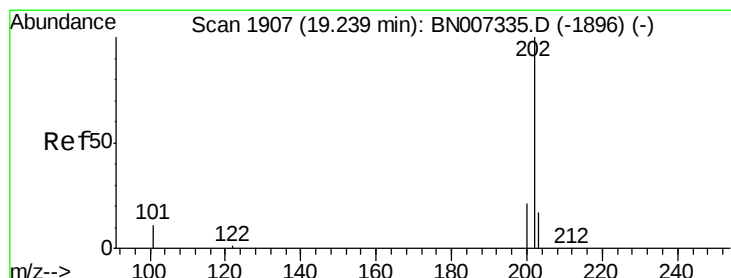
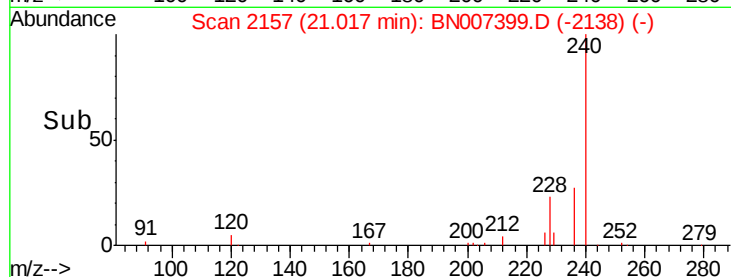
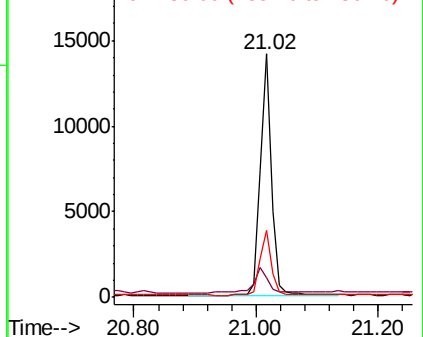
236 27.3 22.2 33.2



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: 0.474 ng

RT: 19.23 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

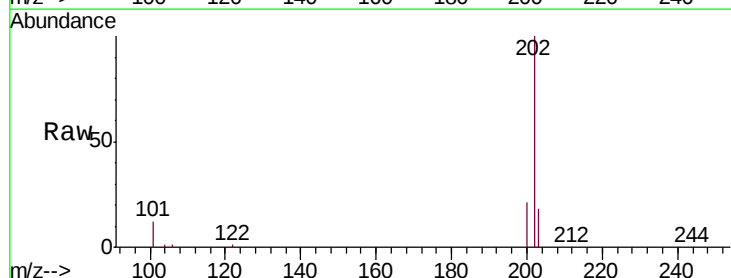
Tgt Ion:202 Resp: 34651

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

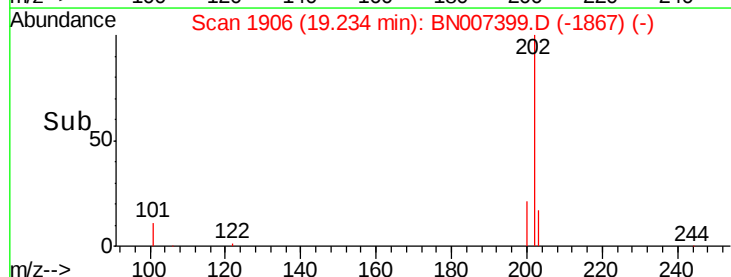
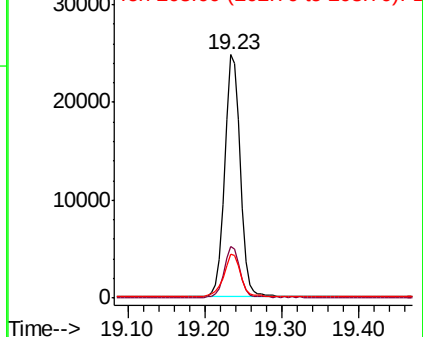
203 19.1 14.2 21.4



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: 0.219 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

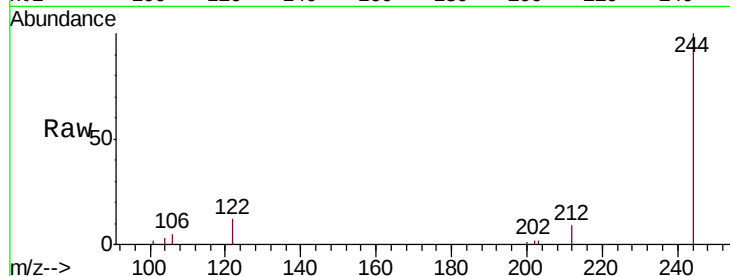
Tgt Ion:244 Resp: 10407

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

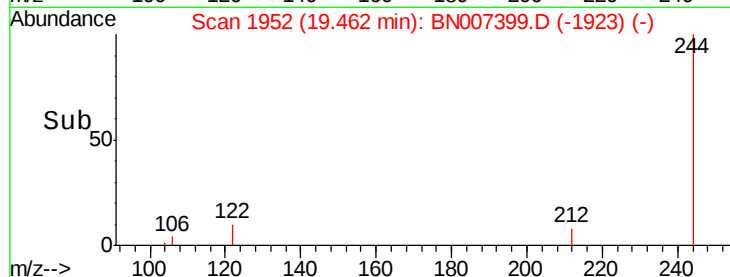
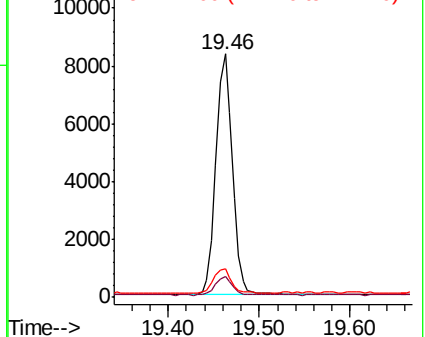
122 11.8 9.6 14.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.431 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

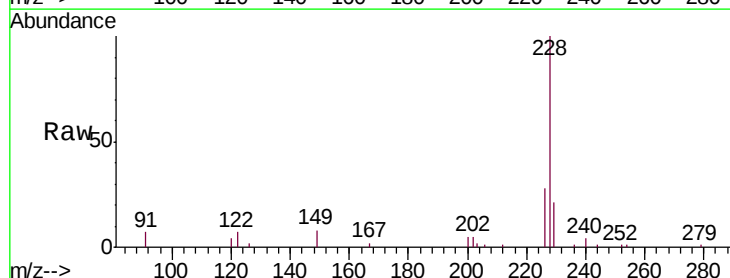
Tgt Ion:228 Resp: 30749

Ion Ratio Lower Upper

228 100

226 28.4 21.3 31.9

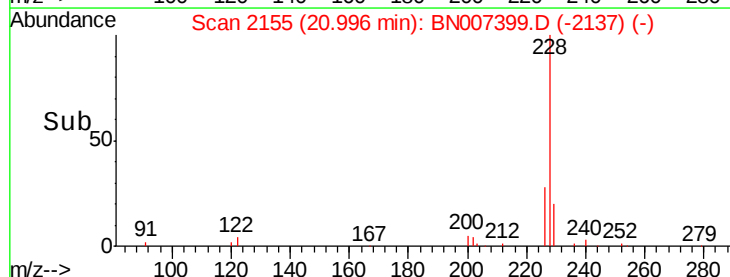
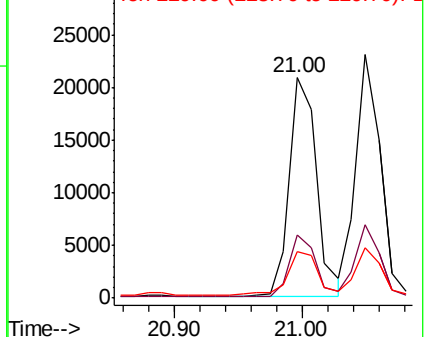
229 21.0 16.1 24.1

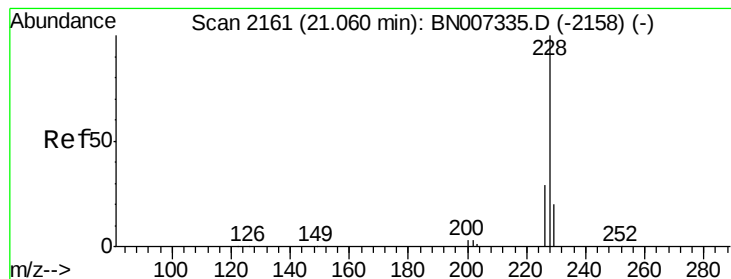


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.437 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

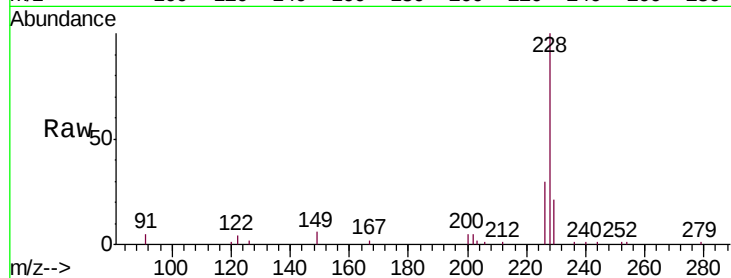
Tgt Ion:228 Resp: 30094

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

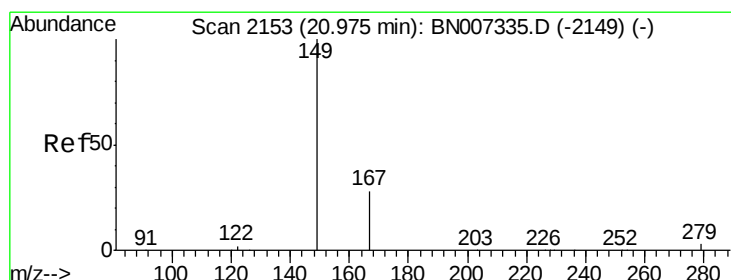
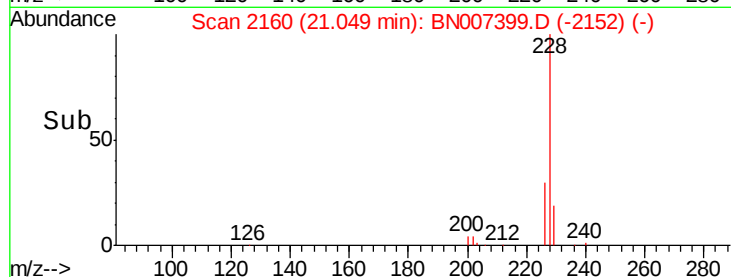
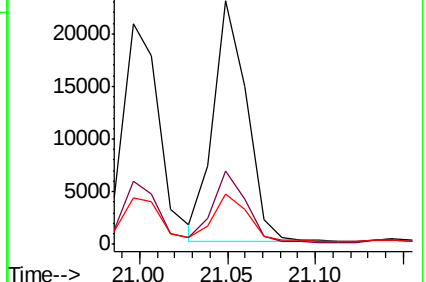
229 20.5 16.6 24.8



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: 0.375 ng

RT: 20.96 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

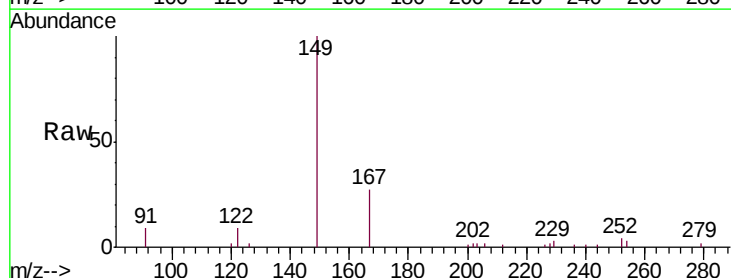
Tgt Ion:149 Resp: 18201

Ion Ratio Lower Upper

149 100

167 28.5 22.8 34.2

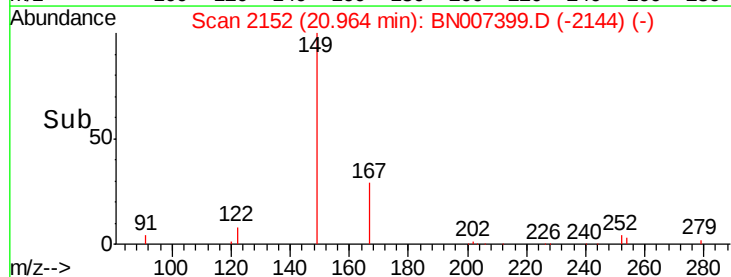
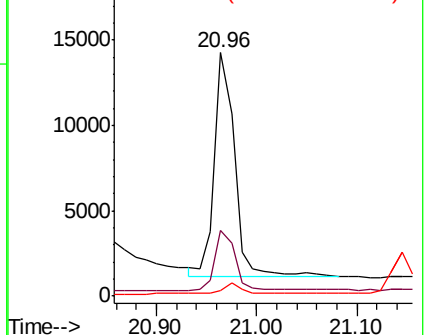
279 4.3 3.5 5.3



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: 0.468 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

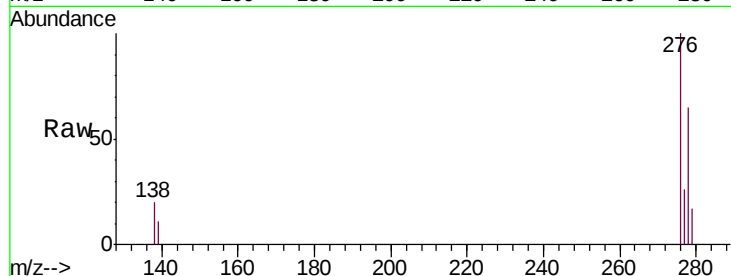
Tgt Ion:276 Resp: 38791

Ion Ratio Lower Upper

276 100

138 20.0 15.1 22.7

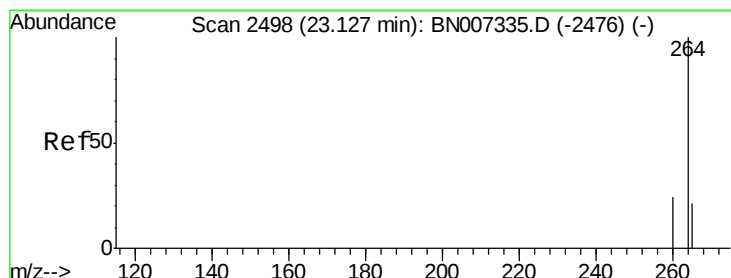
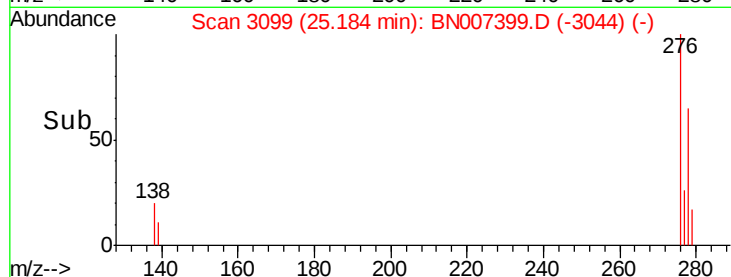
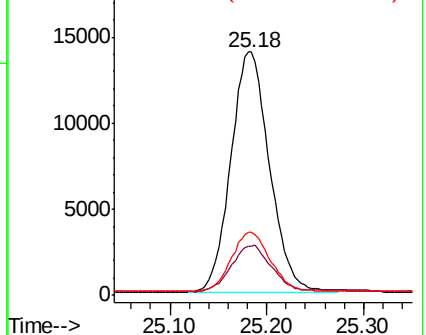
277 24.5 19.7 29.5



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# 2496

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

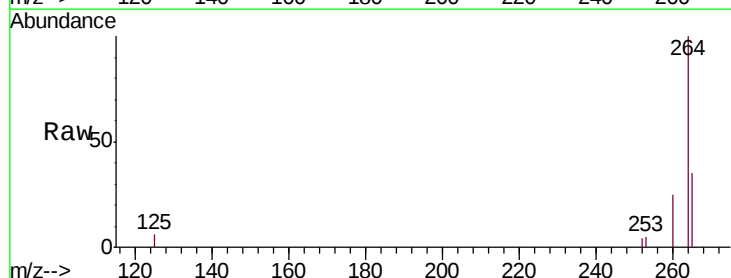
Tgt Ion:264 Resp: 21652

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

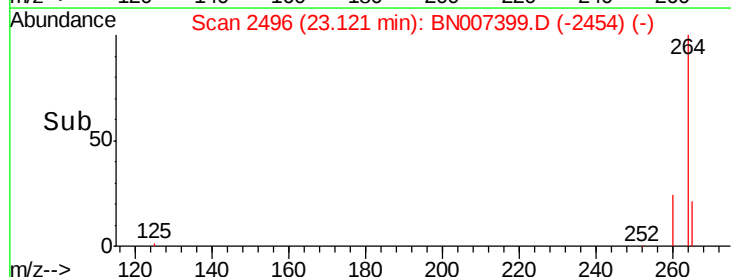
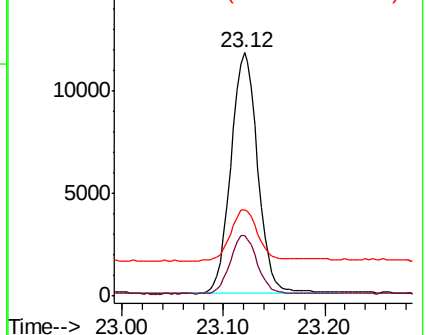
265 35.5 29.9 44.9



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: 0.451 ng

RT: 22.50 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

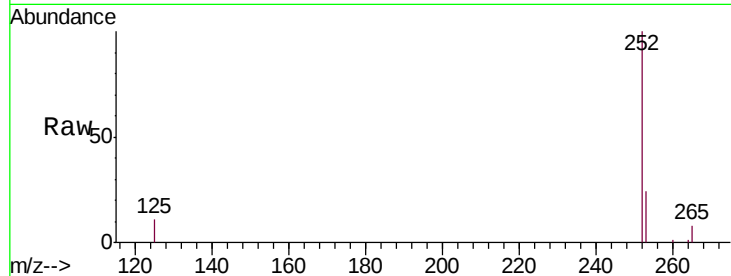
Tgt Ion:252 Resp: 35400

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

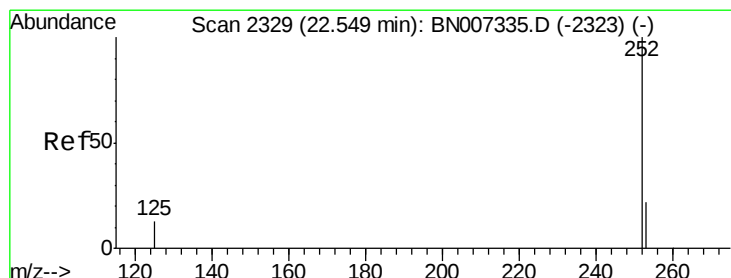
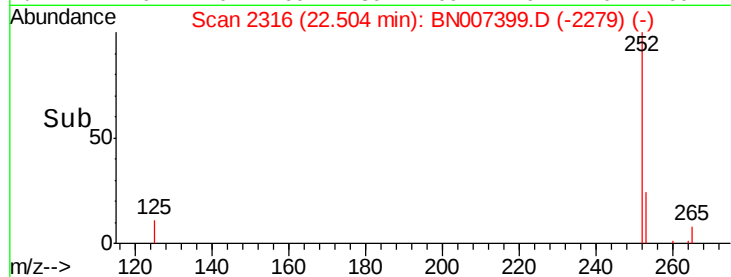
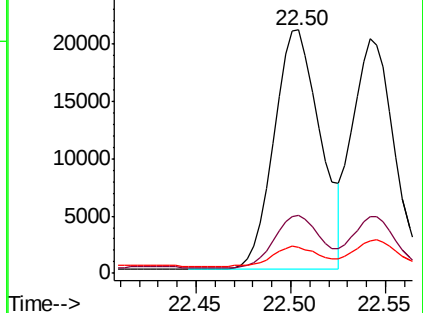
125 10.8 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.401 ng

RT: 22.54 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

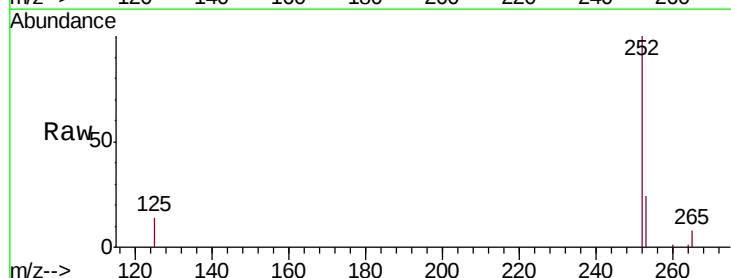
Tgt Ion:252 Resp: 31123

Ion Ratio Lower Upper

252 100

253 24.3 19.4 29.2

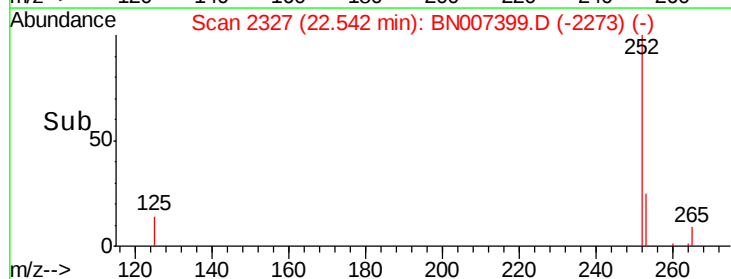
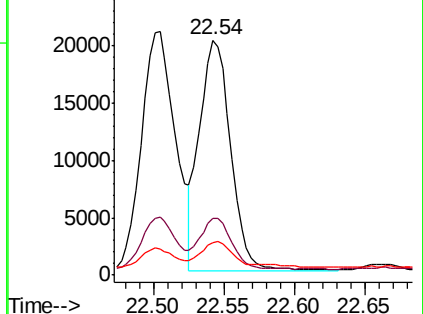
125 14.0 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.434 ng

RT: 23.03 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD

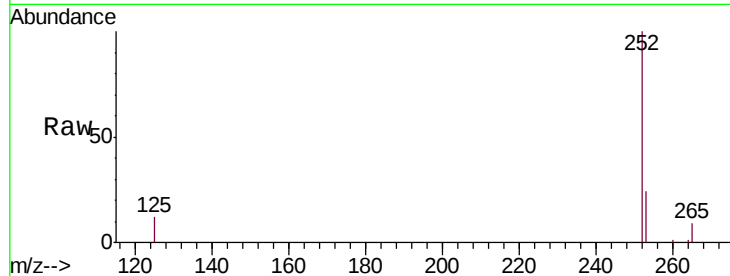
Tgt Ion:252 Resp: 32405

Ion Ratio Lower Upper

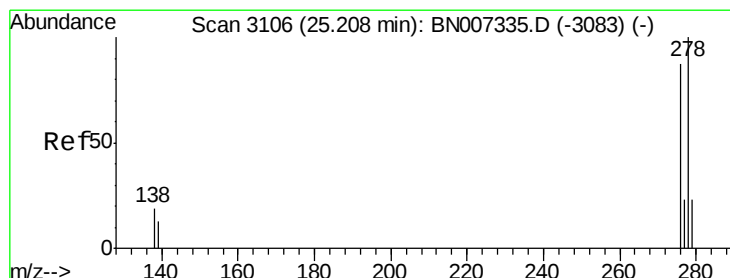
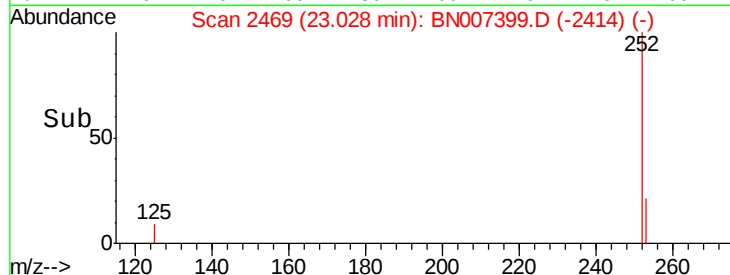
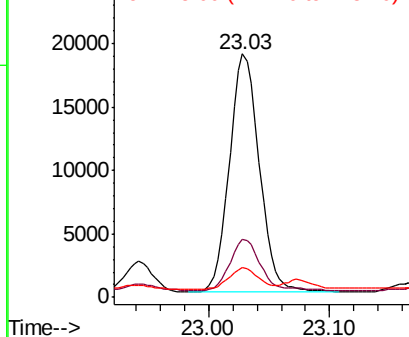
252 100

253 23.9 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: 0.395 ng

RT: 25.19 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN007399.D

Acq: 25 Aug 2019 17:14

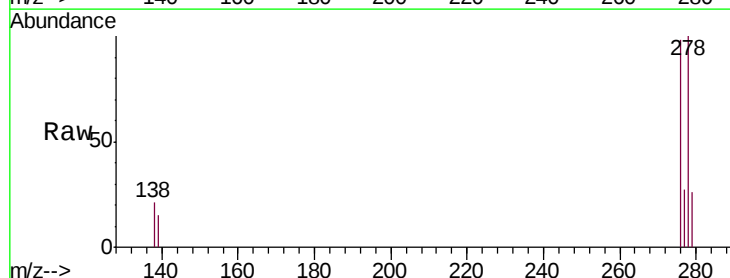
Tgt Ion:278 Resp: 29413

Ion Ratio Lower Upper

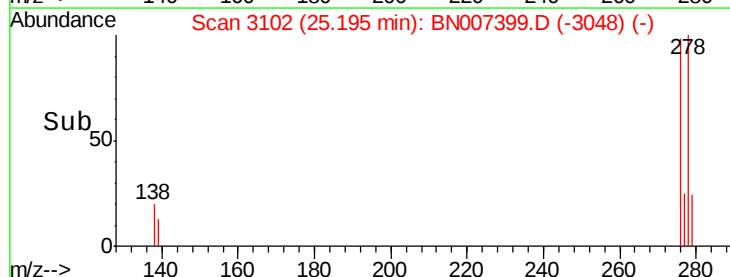
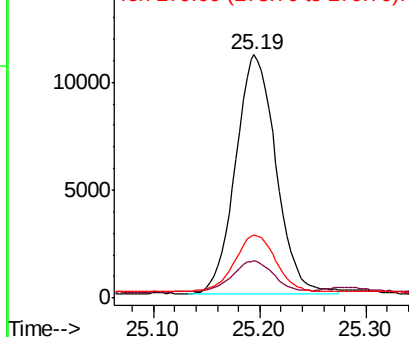
278 100

139 15.3 13.7 20.5

279 26.1 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: 0.465 ng

RT: 25.80 min Scan# 3280

Delta R.T. -0.01 min

Lab File: BN007399.D

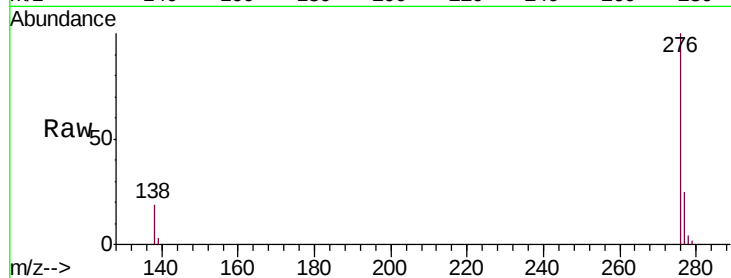
Acq: 25 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MSD



Tgt Ion: 276 Resp: 34523

Ion Ratio Lower Upper

276 100

277 24.9 19.6 29.4

138 18.7 16.3 24.5

