

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082519\
 Data File : BN007391.D
 Acq On : 25 Aug 2019 12:25
 Operator : HP/JU
 Sample : PB122506BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122506BS

Quant Time: Aug 26 05:20:31 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	4	0.40	ng	0.00
7) Naphthalene-d8	10.18	136	5	0.40	ng	0.01
13) Acenaphthene-d10	14.09	164	1	0.40	ng	0.03
19) Phenanthrene-d10	16.84	188	9	0.40	ng	0.04
27) Chrysene-d12	21.05	240	13	0.40	ng	0.03
34) Perylene-d12	23.16	264	2	0.40	ng	0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.00	112	8	0.59	ng	-0.03
5) Phenol-d6	6.60	99	17	1.01	ng	0.00
8) Nitrobenzene-d5	8.53	82	22	5.06	ng	0.00
11) 2-Methylnaphthalene-d10	11.78	152	11	1.32	ng	0.02
14) 2,4,6-Tribromophenol	15.56	330	7	13.38	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	7	1.74	ng	0.06
25) Fluoranthene-d10	18.89	212	2	0.07	ng	0.04
29) Terphenyl-d14	19.50	244	2	0.06	ng	0.03

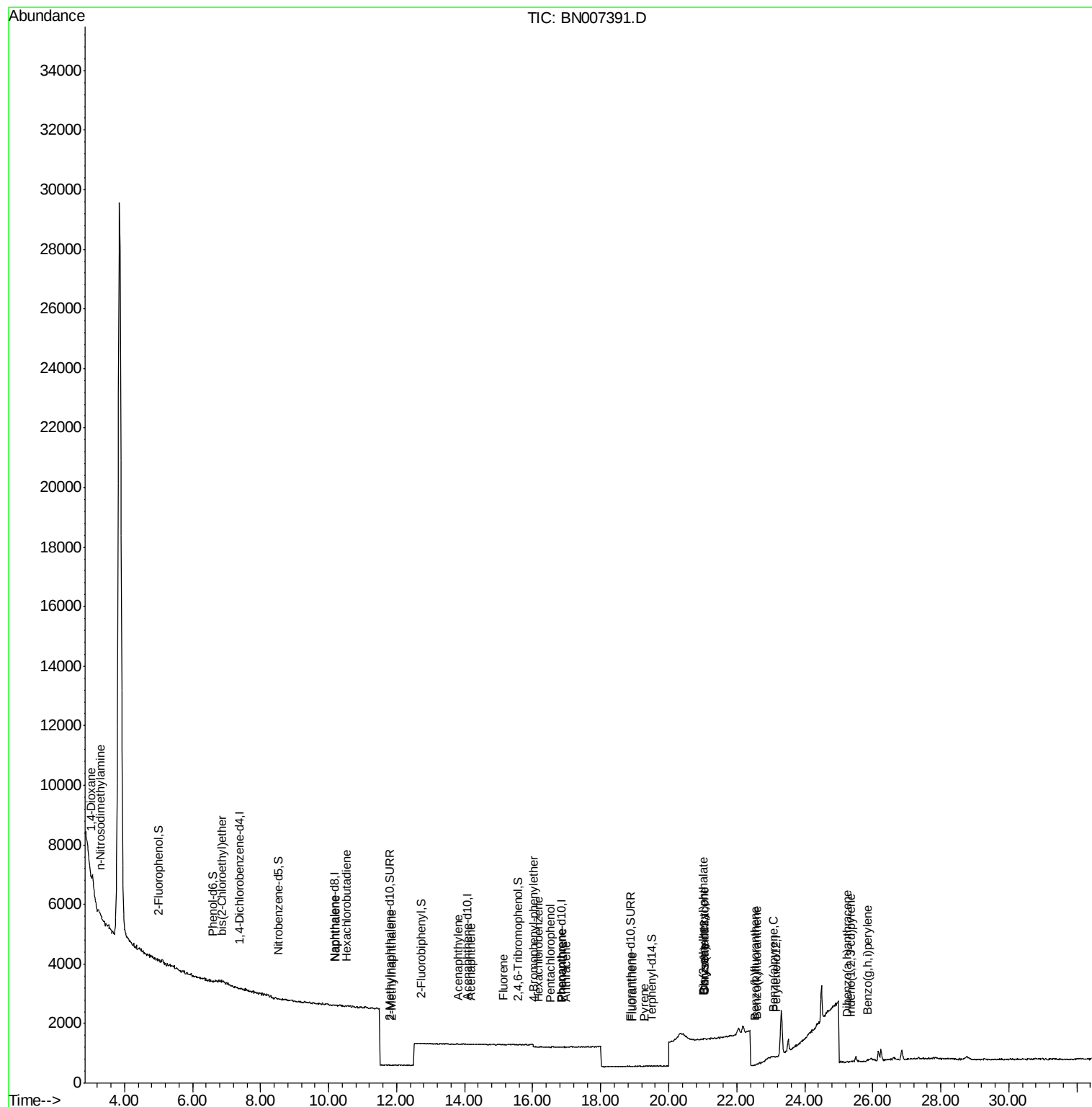
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	30	4.514	ng	# 19
3) n-Nitrosodimethylamine	3.30	42	39	12.630	ng	# 1
6) bis(2-Chloroethyl)ether	6.86	93	34	2.353	ng	# 5
9) Naphthalene	10.20	128	23	1.610	ng	# 1
10) Hexachlorobutadiene	10.52	225	5	1.708	ng	# 1
12) 2-Methylnaphthalene	11.85	142	10	1.028	ng	# 14
16) Acenaphthylene	13.80	152	15	2.535	ng	# 61
17) Acenaphthene	14.19	154	9	2.600	ng	# 1
18) Fluorene	15.15	166	11	2.512	ng	# 14
20) 4-Bromophenyl-phenylether	16.03	248	123	34.656	ng	# 41
21) Hexachlorobenzene	16.16	284	8	1.326	ng	# 1
22) Pentachlorophenol	16.51	266	4	2.134	ng	# 79
23) Phenanthrene	16.86	178	21	0.776	ng	# 60
24) Anthracene	16.98	178	4	0.147	ng	# 61
26) Fluoranthene	18.92	202	3	0.086	ng	# 1
28) Pyrene	19.27	202	5	0.096	ng	# 1
30) Benzo(a)anthracene	21.05	228	8	0.157	ng	# 1
31) Chrysene	21.05	228	8	0.162	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.02	149	17	0.496	ng	# 52
33) Indeno(1,2,3-cd)pyrene	25.35	276	33	0.556	ng	# 95
35) Benzo(b)fluoranthene	22.54	252	7	0.966	ng	# 1
36) Benzo(k)fluoranthene	22.58	252	11	1.536	ng	# 1
37) Benzo(a)pyrene	23.06	252	3	0.435	ng	# 1
38) Dibenzo(a,h)anthracene	25.24	278	10	1.453	ng	# 1
39) Benzo(g,h,i)perylene	25.84	276	4	0.583	ng	# 1

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

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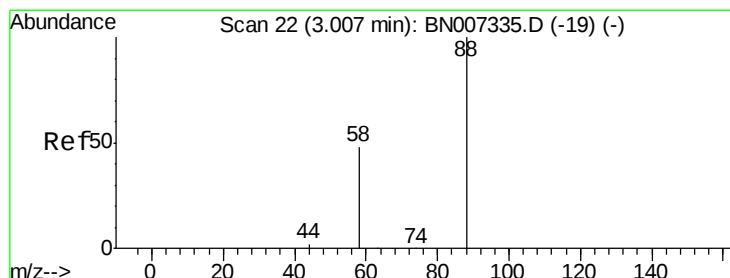
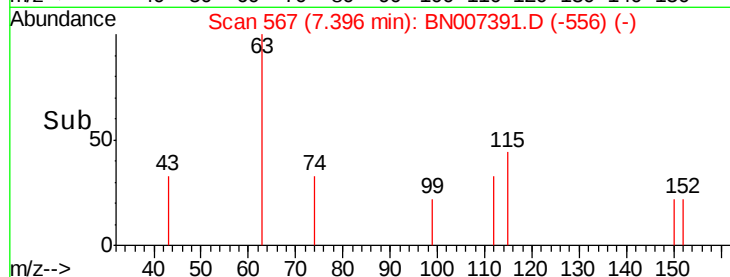
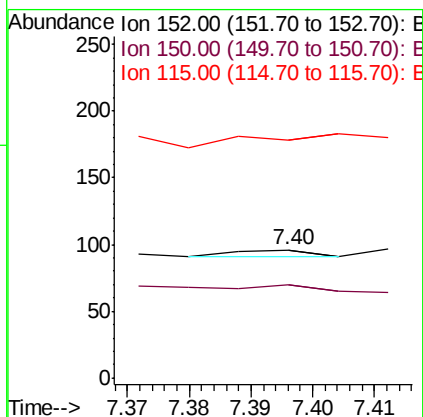
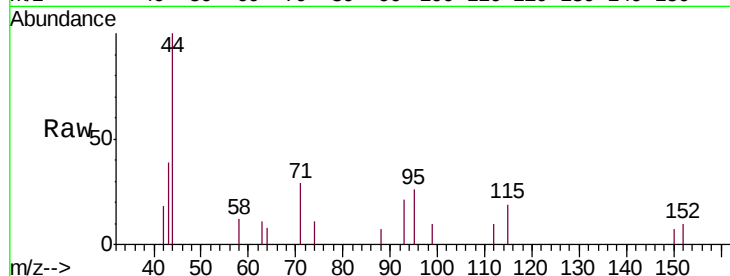


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

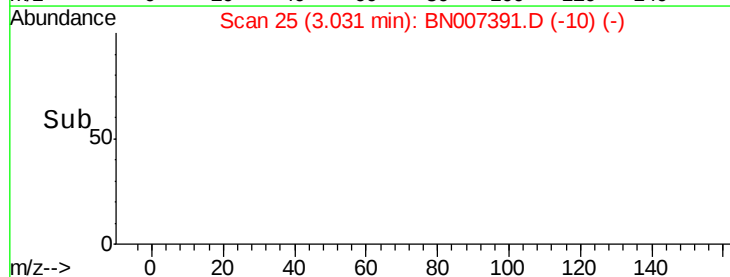
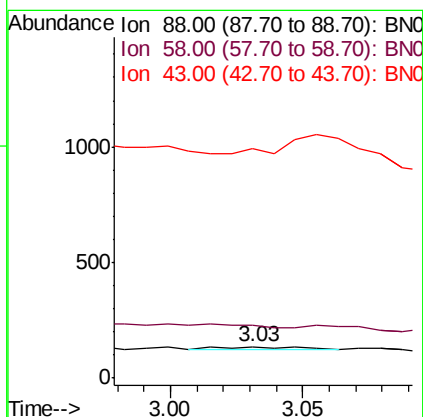
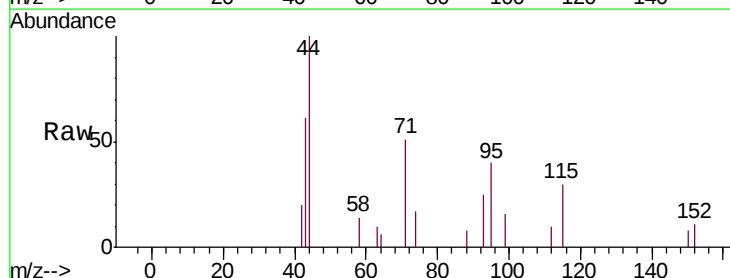
Tot Ion:152 Resp: 4
Ion Ratio Lower Upper
152 100
150 72.9 109.1 163.7#
115 185.4 59.6 89.4#



#2

1,4-Dioxane
Concen: 4.514 ng
RT: 3.03 min Scan# 25
Delta R.T. 0.02 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
58 0.0 50.5 75.7#
43 0.0 0.0 0.0



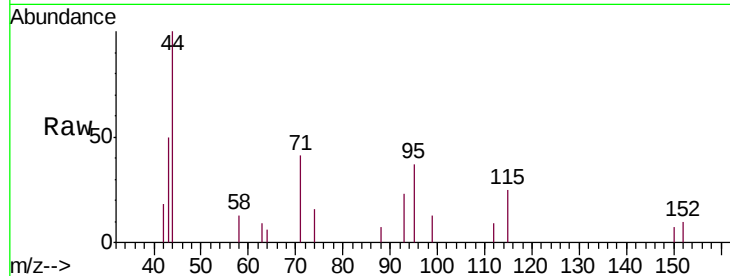


#3

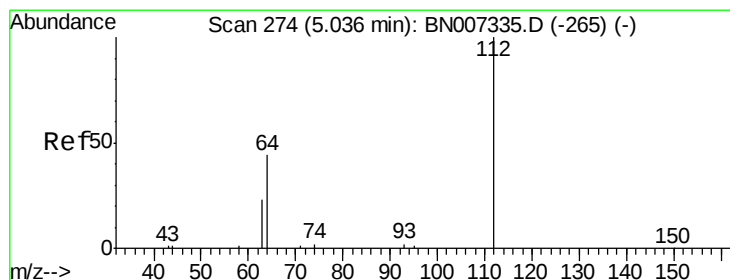
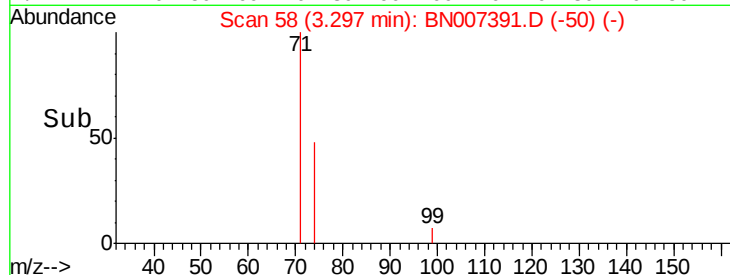
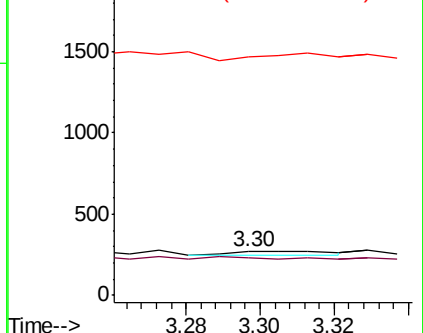
n-Nitrosodimethylamine
 Concen: 12.630 ng
 RT: 3.30 min Scan# 58
 Delta R.T. -0.03 min
 Lab File: BN007391.D
 Acq: 25 Aug 2019 12:25

Instrument :
 BNA_N
 ClientSampleId :
 PB122506BS

Tot Ion	42	Resp	39
Ion Ratio	Lower	Upper	
42	100		
74	0.0	144.7	217.1#
44	174.4	3.2	4.8#



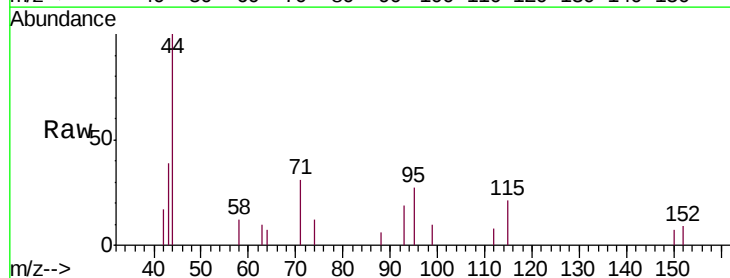
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



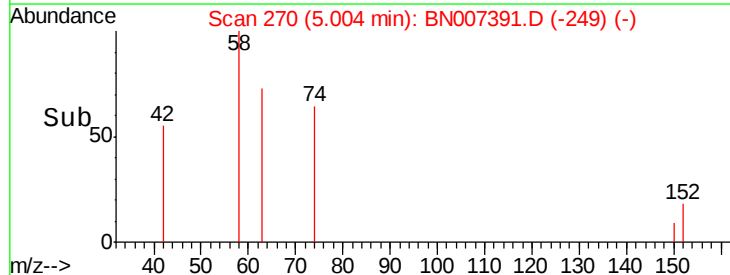
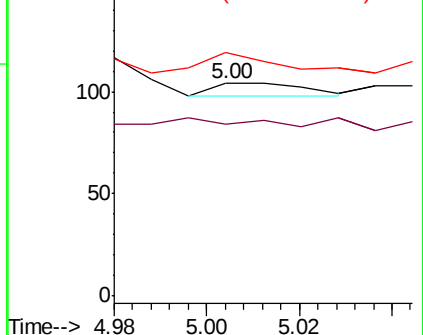
#4

2-Fluorophenol
 Concen: 0.589 ng
 RT: 5.00 min Scan# 270
 Delta R.T. -0.03 min
 Lab File: BN007391.D
 Acq: 25 Aug 2019 12:25

Tgt Ion	112	Resp	8
Ion Ratio	Lower	Upper	
112	100		
64	0.0	42.3	63.5#
63	525.0	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: 1.009 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.01 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS

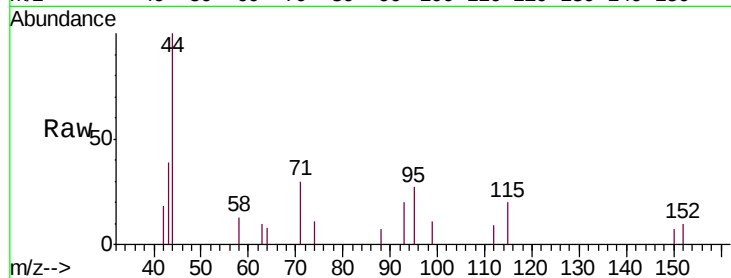
Tot Ion: 99 Resp: 17

Ion Ratio Lower Upper

99 100

42 229.4 11.2 16.8#

71 0.0 31.8 47.8#

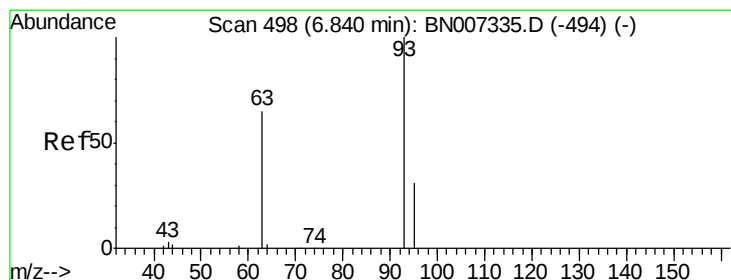
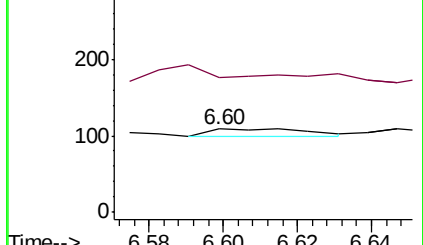
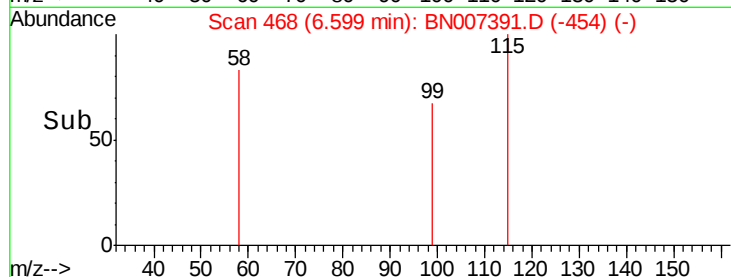


Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

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

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

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 2.353 ng

RT: 6.86 min Scan# 500

Delta R.T. 0.02 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

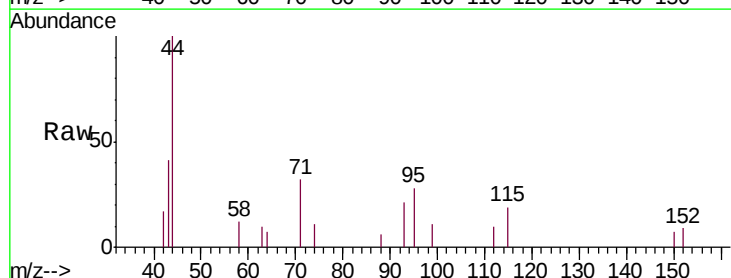
Tgt Ion: 93 Resp: 34

Ion Ratio Lower Upper

93 100

63 0.0 51.9 77.9#

95 102.9 27.7 41.5#

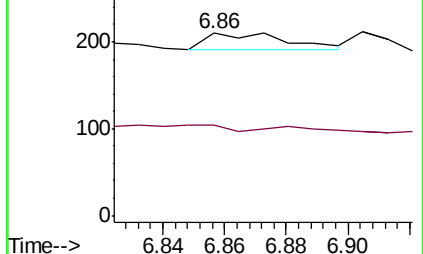
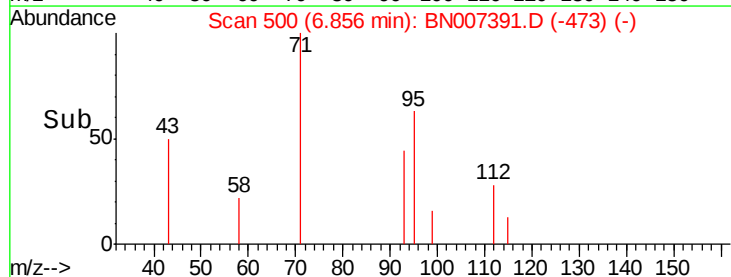


Abundance Ion 93.00 (92.70 to 93.70): BN007335.D (-494) (-)

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

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

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. 0.01 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

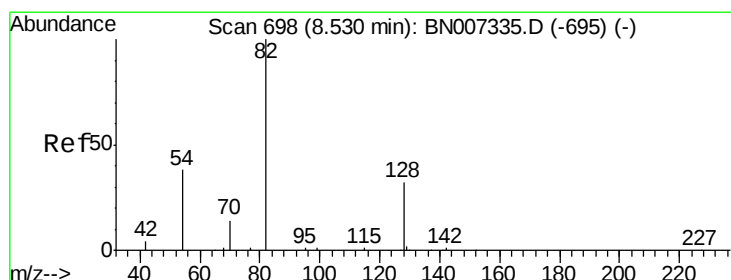
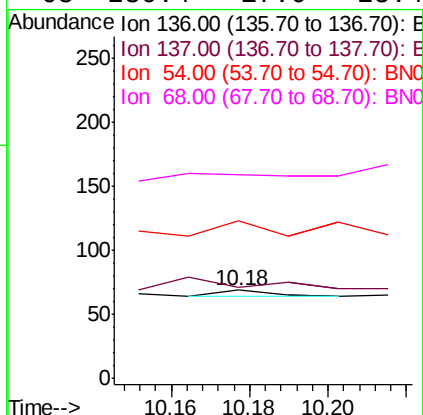
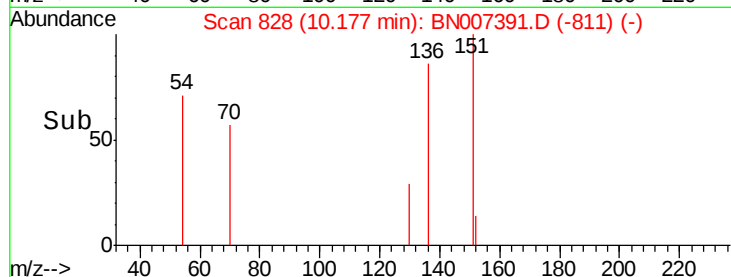
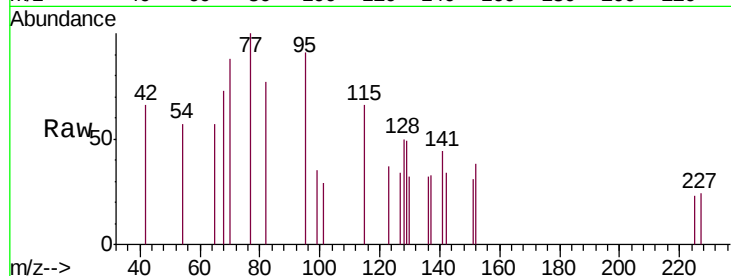
Instrument :

BNA_N

ClientSampleId :

PB122506BS

Tot Ion:136	Resp:	5
Ion Ratio	Lower	Upper
136 100		
137 102.9	12.9	19.3#
54 178.3	8.6	12.8#
68 230.4	17.0	25.4#



#8

Nitrobenzene-d5

Concen: 5.056 ng

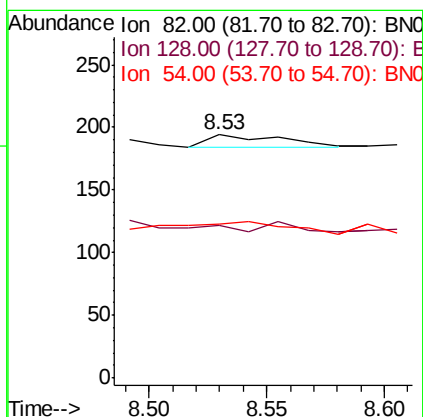
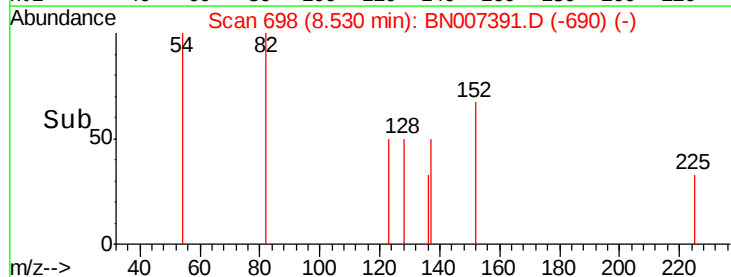
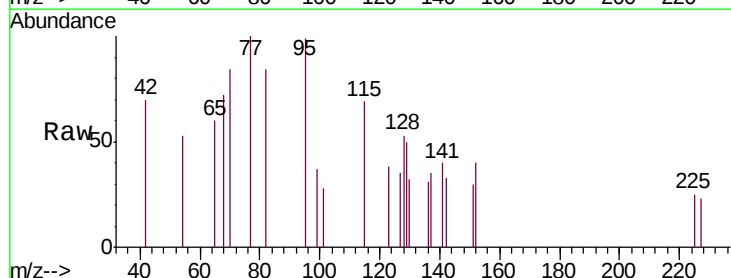
RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Tgt Ion: 82	Resp: 22
Ion Ratio	Lower Upper
82 100	
128 62.9	19.7 29.5#
54 63.4	25.8 38.6#





#9

Naphthalene

Concen: 1.610 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS

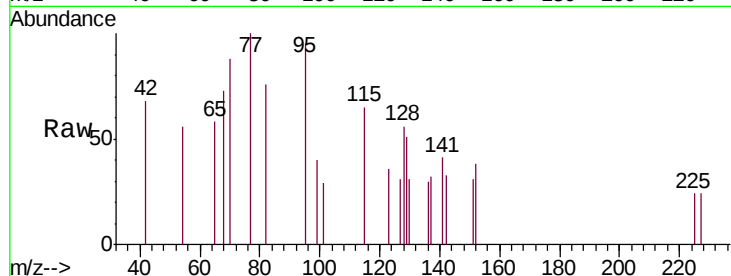
Tot Ion:128 Resp: 23

Ion Ratio Lower Upper

128 100

129 91.7 11.1 16.7#

127 56.2 15.5 23.3#

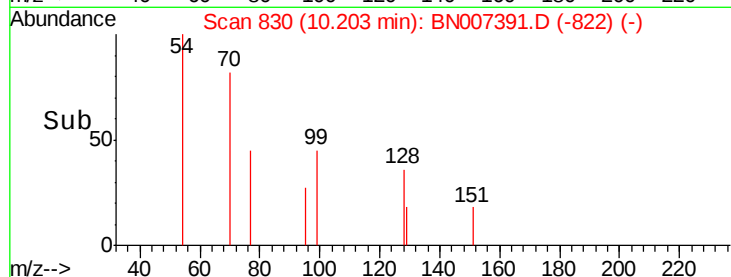


Abundance Ion 128.00 (127.70 to 128.70): E

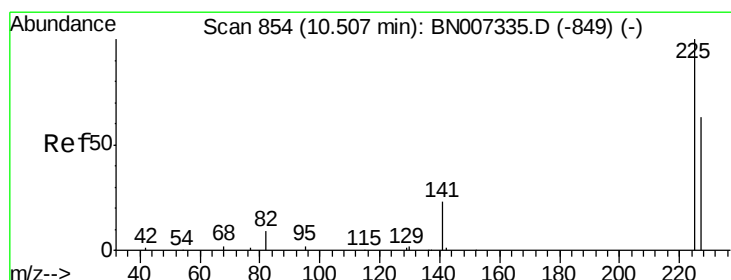
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.20



Time-->



#10

Hexachlorobutadiene

Concen: 1.708 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.01 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

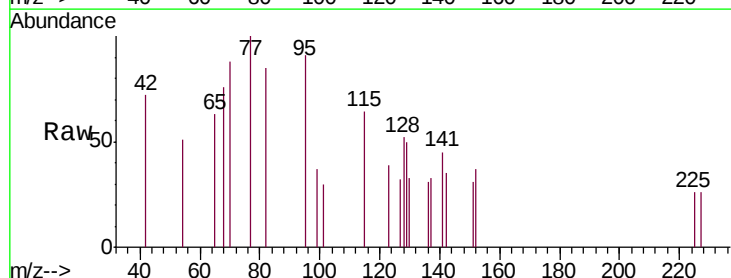
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 300.0 50.7 76.1#

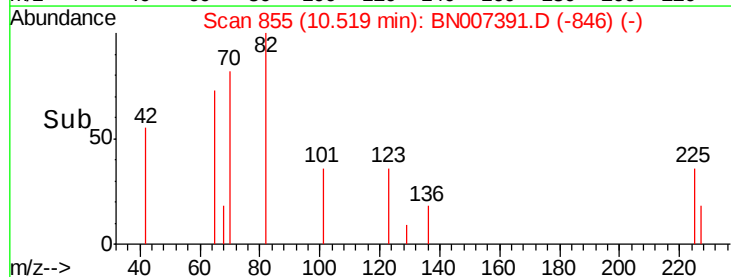


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

10.52



Time-->



#11

2-Methylnaphthalene-d10

Concen: 1.324 ng

RT: 11.78 min Scan# 995

Delta R.T. 0.02 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

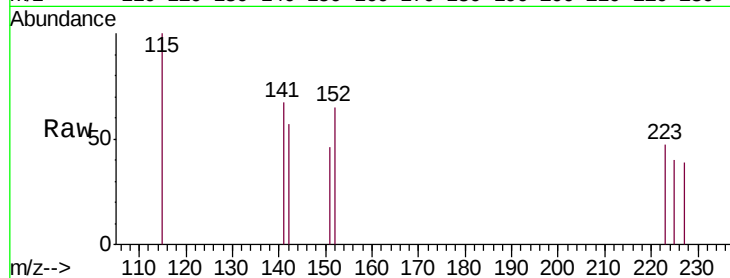
PB122506BS

Tot Ion:152 Resp: 11

Ion Ratio Lower Upper

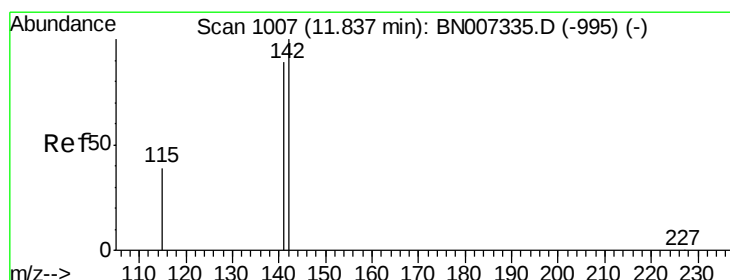
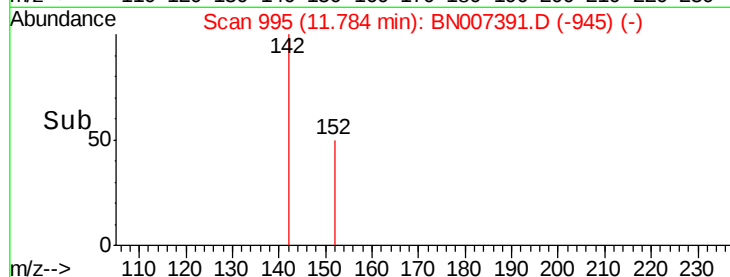
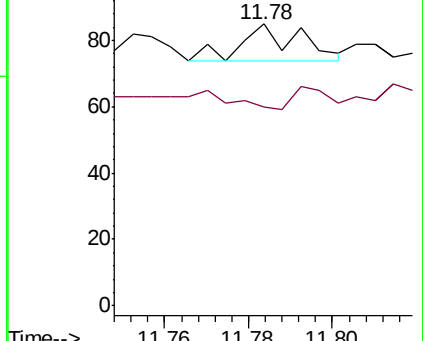
152 100

151 27.3 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: 1.028 ng

RT: 11.85 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

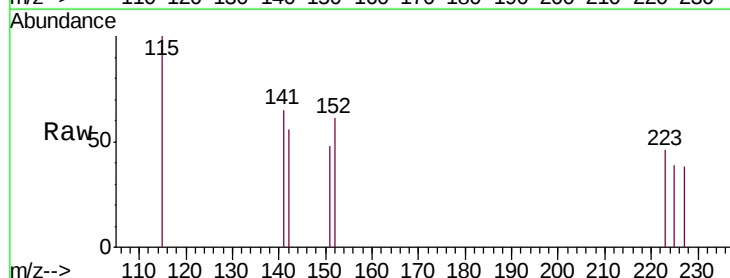
Tgt Ion:142 Resp: 10

Ion Ratio Lower Upper

142 100

141 116.2 72.8 109.2#

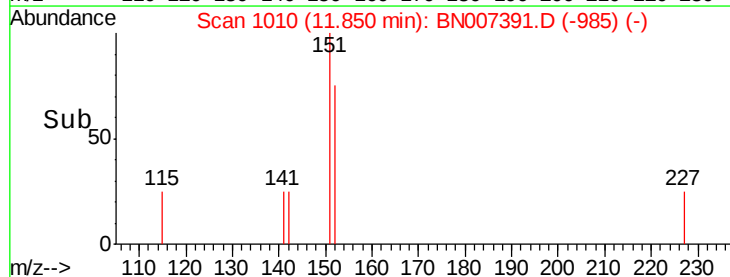
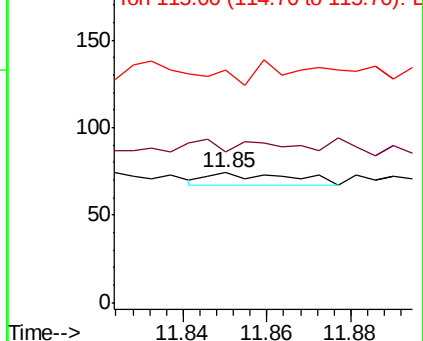
115 179.7 35.2 52.8#

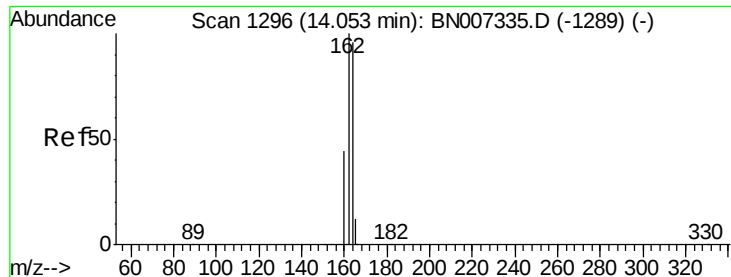


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.09 min Scan# 1299

Delta R.T. 0.03 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

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PB122506BS

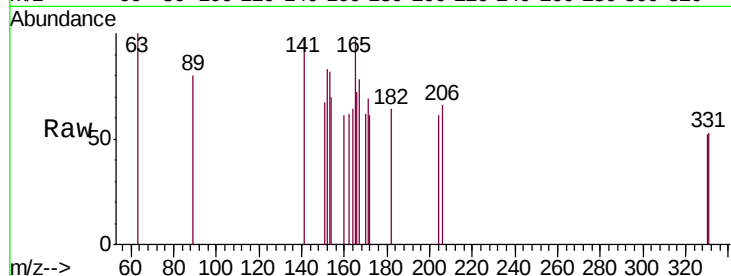
Tot Ion:164 Resp: 1

Ion Ratio Lower Upper

164 100

162 96.4 83.5 125.3

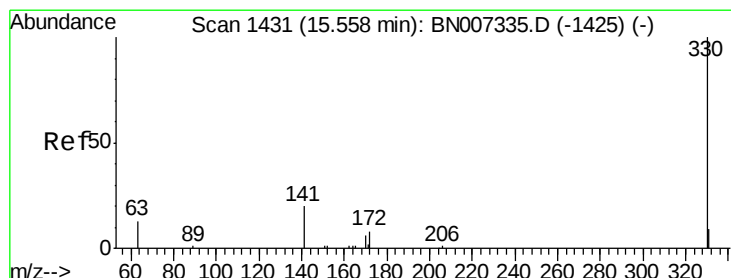
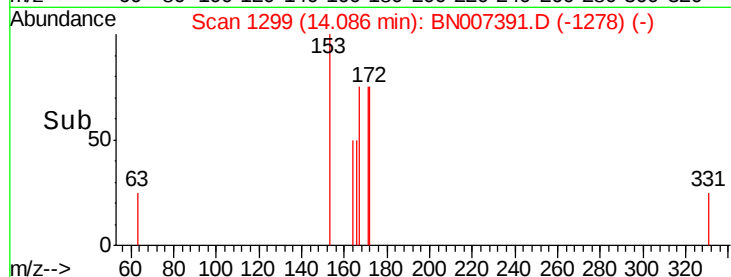
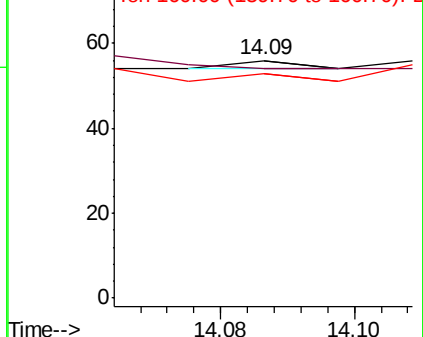
160 94.6 38.2 57.4#



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: 13.381 ng

RT: 15.56 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

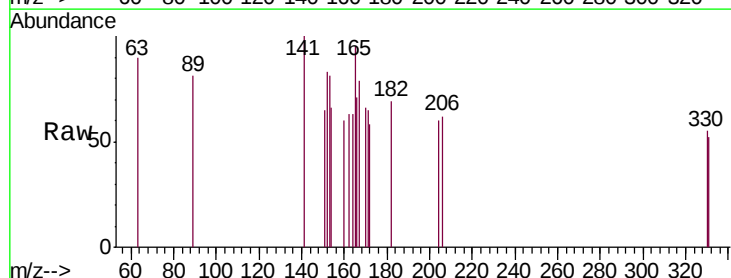
Tgt Ion:330 Resp: 7

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

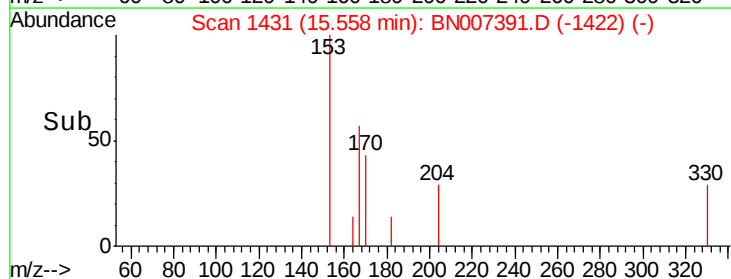
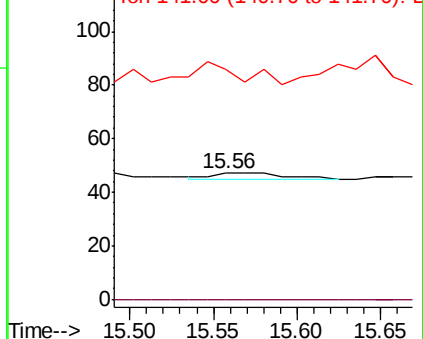
141 271.4 26.9 40.3#

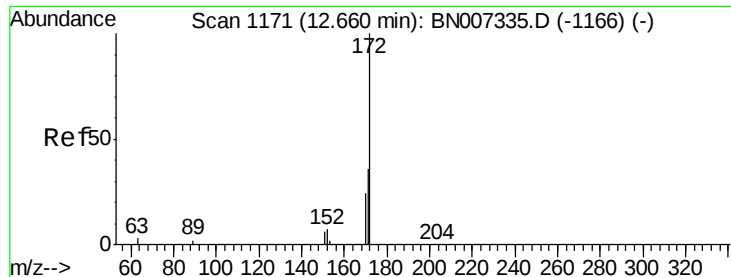


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

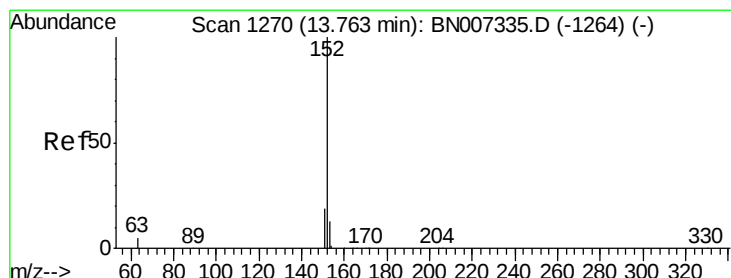
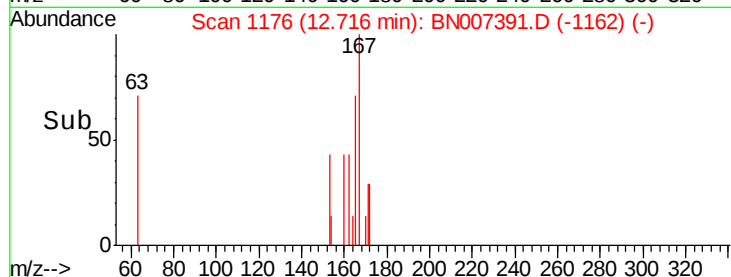
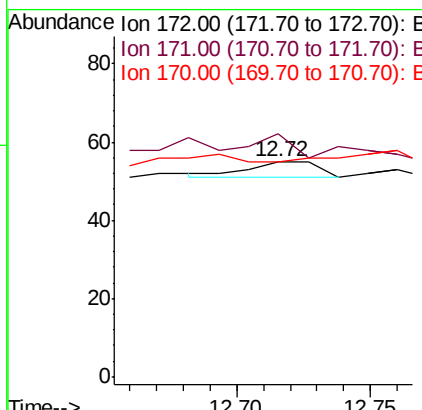
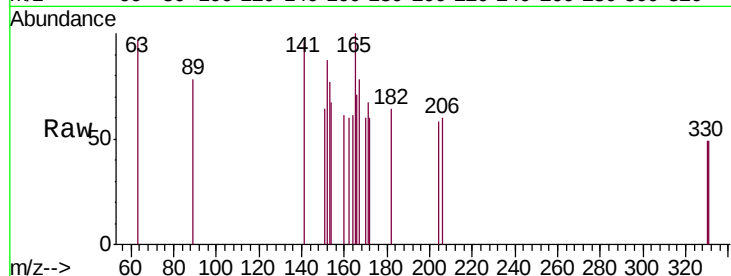




#15
2-Fluorobiphenyl
Concen: 1.736 ng
RT: 12.72 min Scan# 1176
Delta R.T. 0.06 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

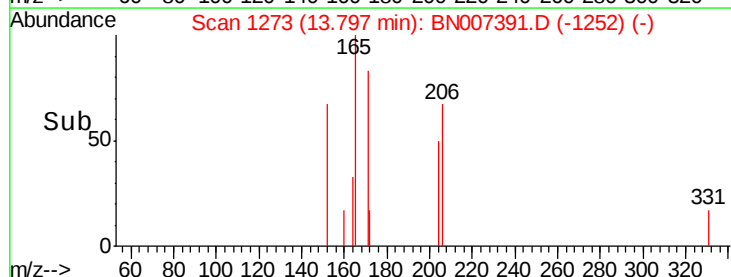
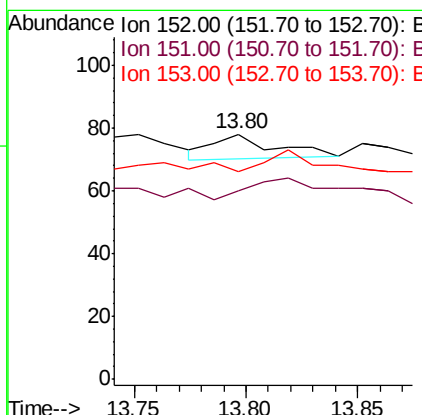
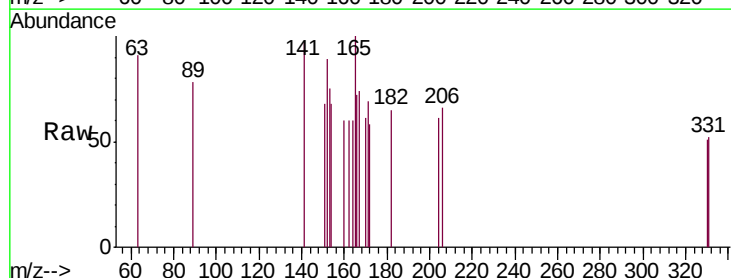
Instrument :
BNA_N
ClientSampleId :
PB122506BS

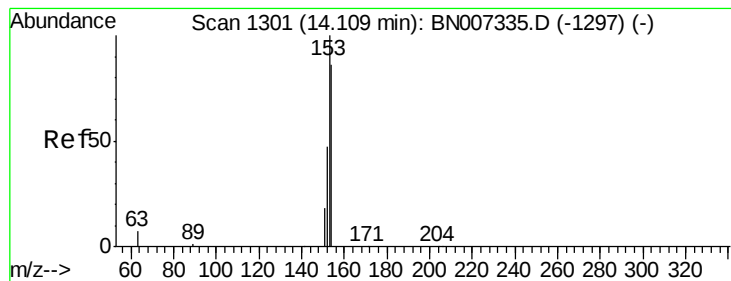
Tot Ion:172 Resp: 7
Ion Ratio Lower Upper
172 100
171 112.7 30.3 45.5#
170 100.0 20.7 31.1#



#16
Acenaphthylene
Concen: 2.535 ng
RT: 13.80 min Scan# 1273
Delta R.T. 0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:152 Resp: 15
Ion Ratio Lower Upper
152 100
151 0.0 16.1 24.1#
153 0.0 10.6 15.8#





#17

Acenaphthene

Concen: 2.600 ng

RT: 14.19 min Scan# 1308

Delta R.T. 0.08 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS

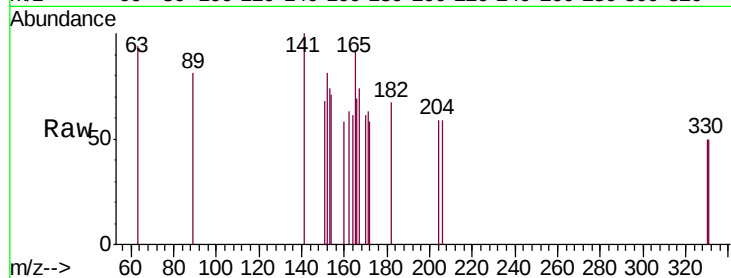
Tot Ion:154 Resp: 9

Ion Ratio Lower Upper

154 100

153 300.0 92.8 139.2#

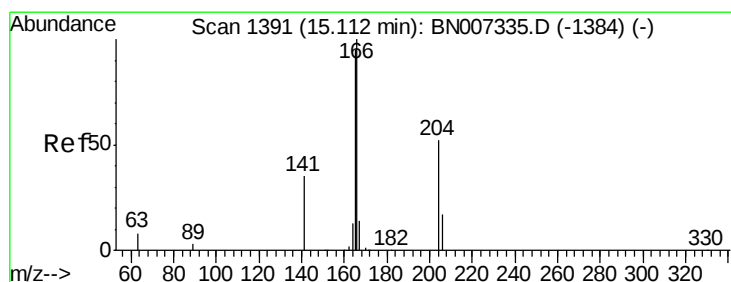
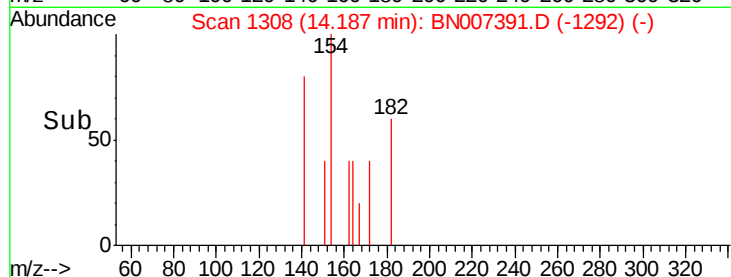
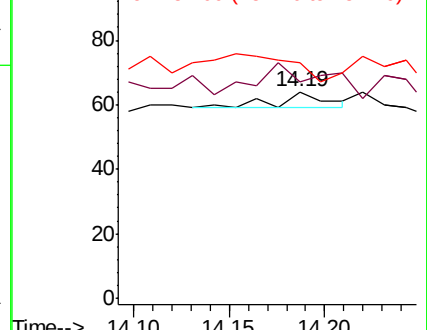
152 0.0 43.8 65.8#



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: 2.512 ng

RT: 15.15 min Scan# 1394

Delta R.T. 0.03 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

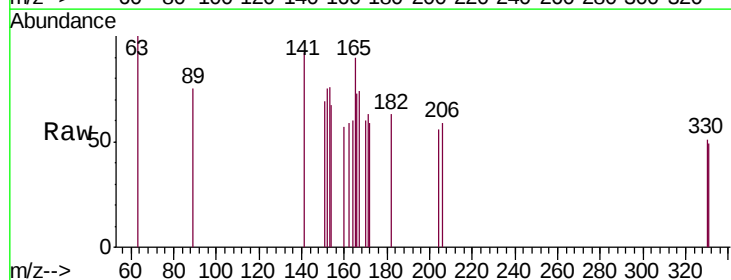
Tgt Ion:166 Resp: 11

Ion Ratio Lower Upper

166 100

165 190.9 79.0 118.4#

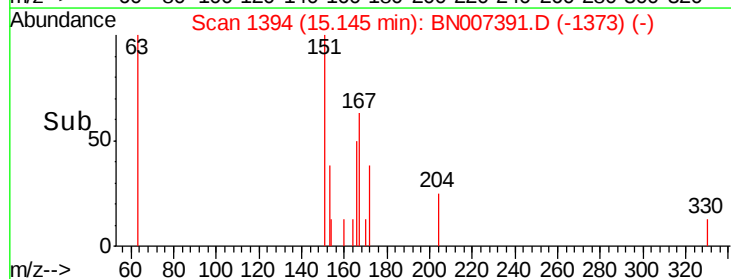
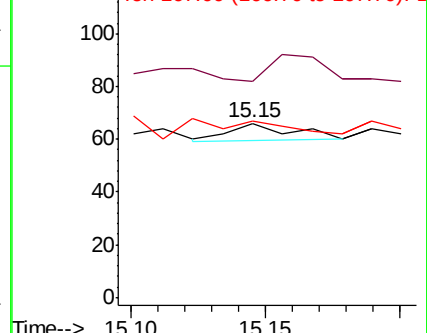
167 0.0 10.6 15.8#



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: 16.84 min Scan# 1550

Delta R.T. 0.04 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS

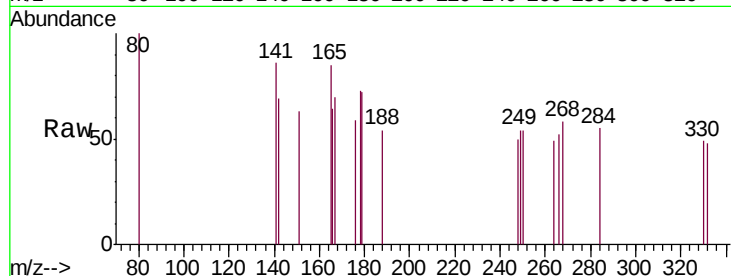
Tot Ion:188 Resp: 9

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

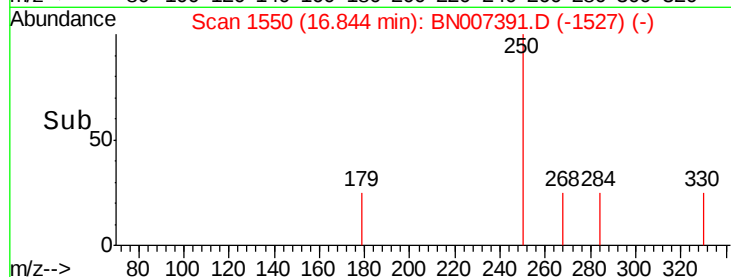
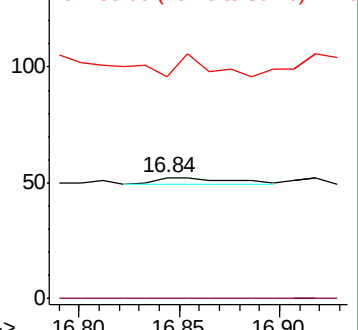
80 184.6 11.8 17.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 34.656 ng

RT: 16.03 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

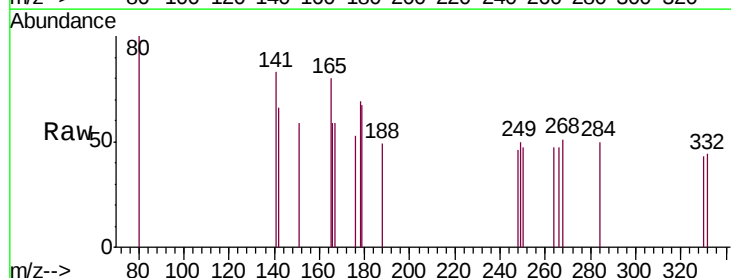
Tgt Ion:248 Resp: 123

Ion Ratio Lower Upper

248 100

250 102.1 85.0 127.6

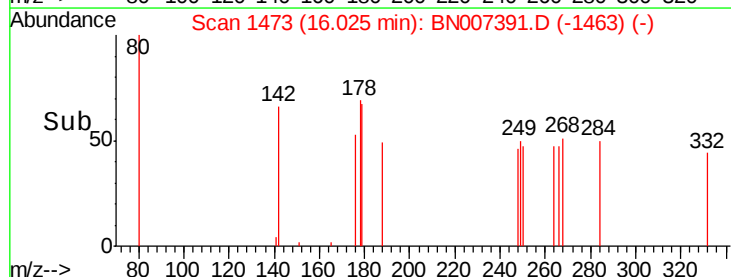
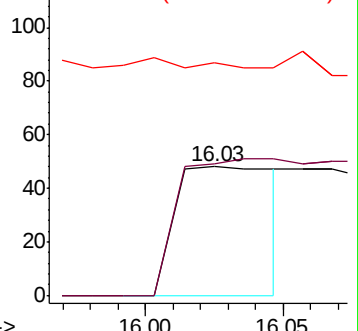
141 181.3 51.7 77.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.326 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.04 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS

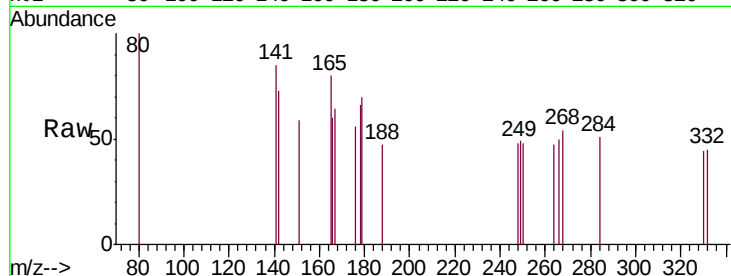
Tot Ion:284 Resp: 8

Ion Ratio Lower Upper

284 100

142 187.5 29.0 43.6#

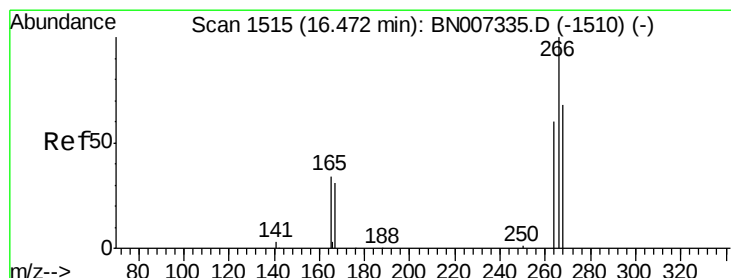
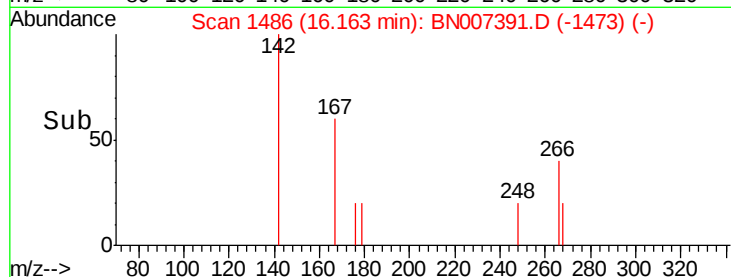
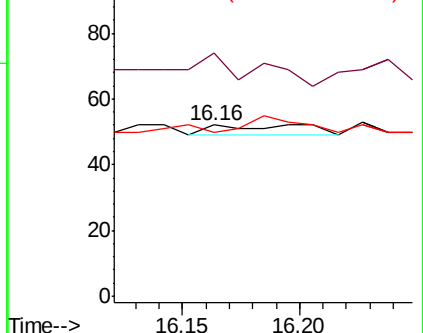
249 0.0 24.9 37.3#



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: 2.134 ng

RT: 16.51 min Scan# 1519

Delta R.T. 0.04 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

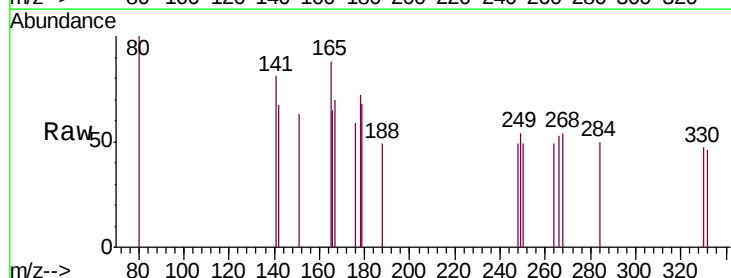
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 92.3 57.8 86.8#

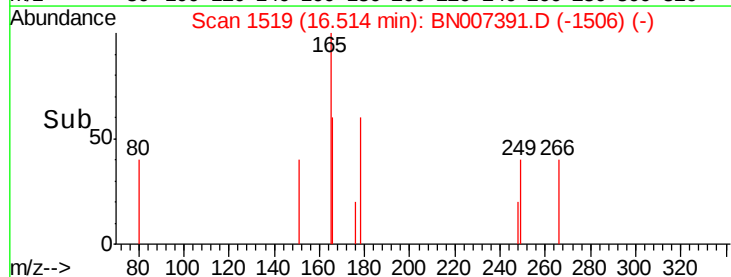
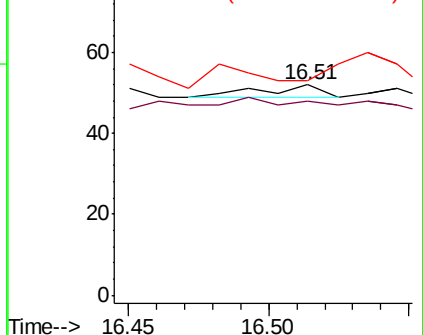
268 101.9 99.7 149.5



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: 0.776 ng

RT: 16.86 min Scan# 1552

Delta R.T. 0.02 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS

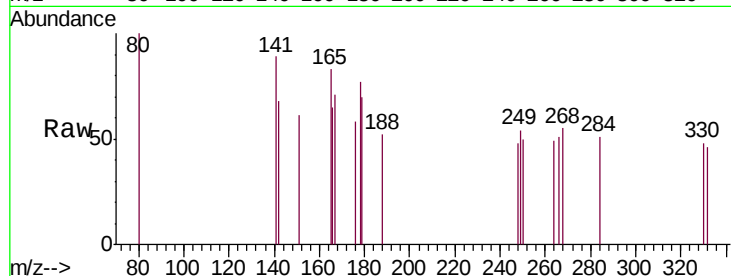
Tot Ion:178 Resp: 21

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

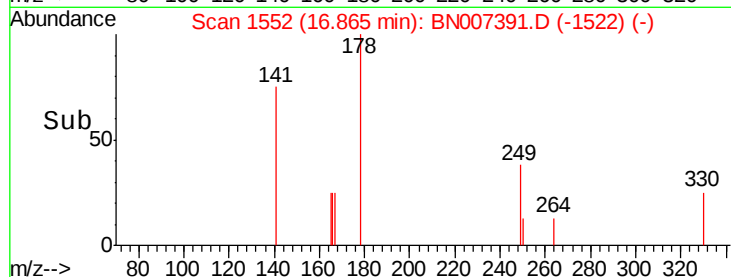
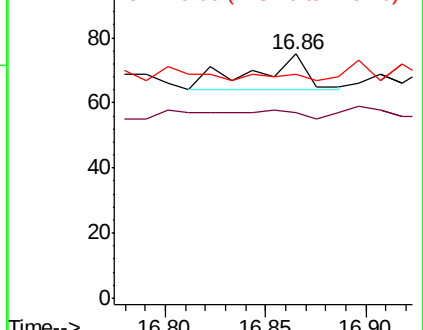
179 0.0 12.6 19.0#



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: 0.147 ng

RT: 16.98 min Scan# 1563

Delta R.T. 0.05 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

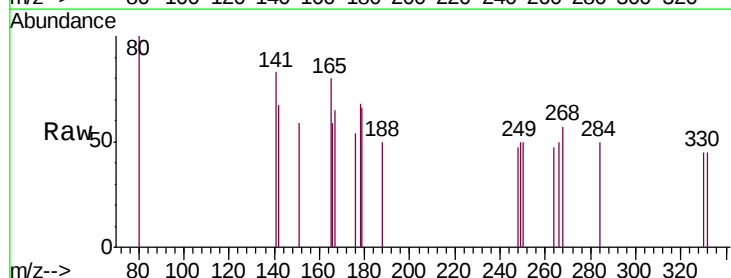
Tgt Ion:178 Resp: 4

Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

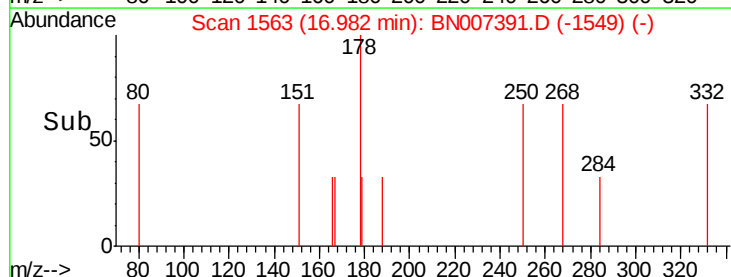
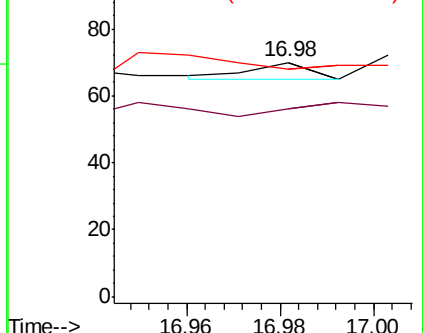
179 0.0 12.4 18.6#



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

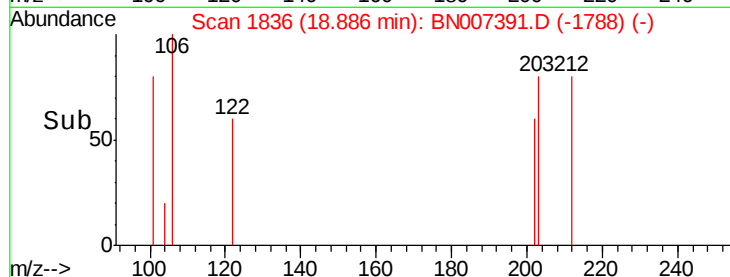
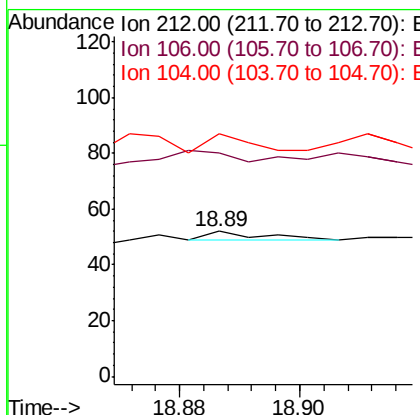
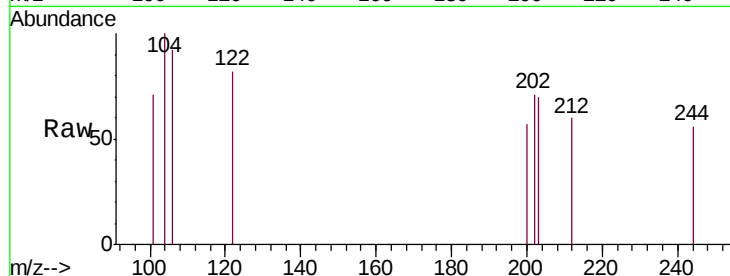




#25
 Fluoranthene-d10
 Concen: 0.069 ng
 RT: 18.89 min Scan# 1836
 Delta R.T. 0.04 min
 Lab File: BN007391.D
 Acq: 25 Aug 2019 12:25

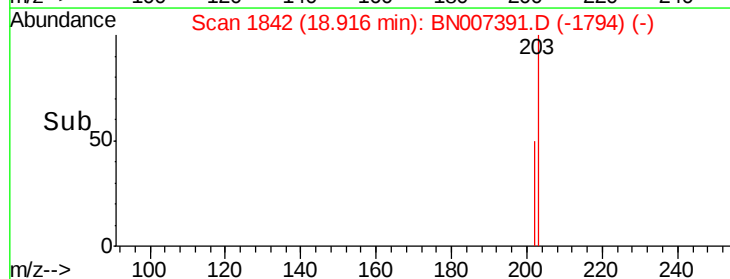
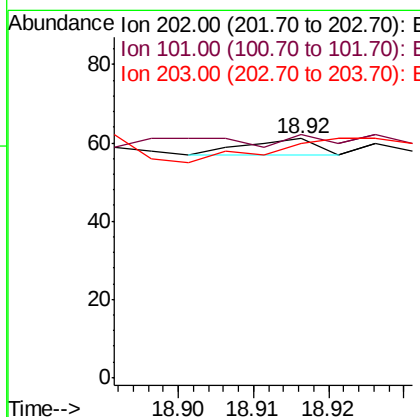
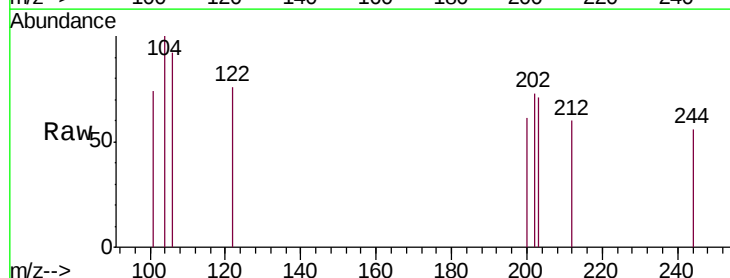
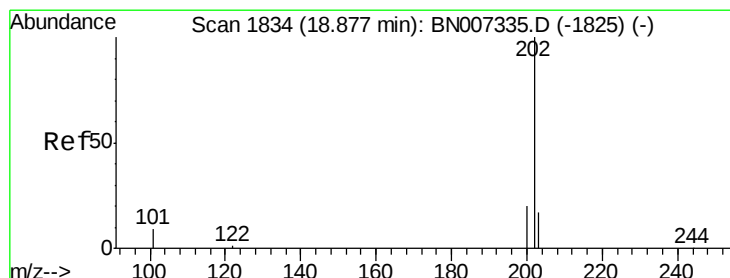
Instrument :
 BNA_N
 ClientSampleId :
 PB122506BS

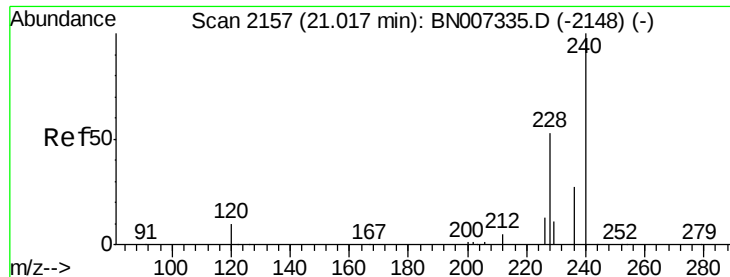
Tot Ion:212 Resp: 2
 Ion Ratio Lower Upper
 212 100
 106 200.0 9.0 13.4#
 104 200.0 5.4 8.2#



#26
 Fluoranthene
 Concen: 0.086 ng
 RT: 18.92 min Scan# 1842
 Delta R.T. 0.04 min
 Lab File: BN007391.D
 Acq: 25 Aug 2019 12:25

Tgt Ion:202 Resp: 3
 Ion Ratio Lower Upper
 202 100
 101 0.0 7.7 11.5#
 203 600.0 13.7 20.5#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2160

Delta R.T. 0.03 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS

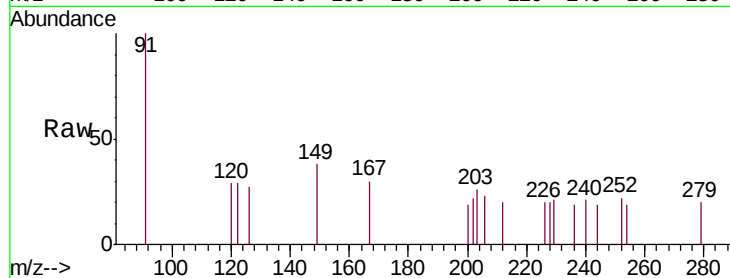
Tot Ion:240 Resp: 13

Ion Ratio Lower Upper

240 100

120 138.6 9.6 14.4#

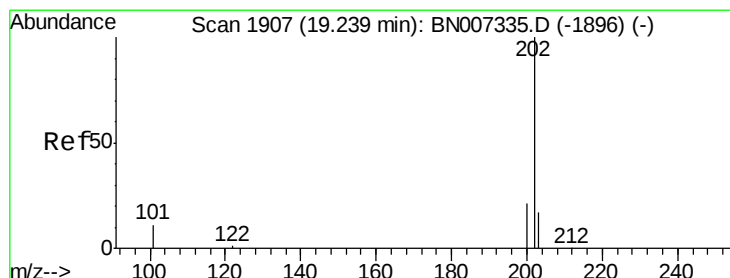
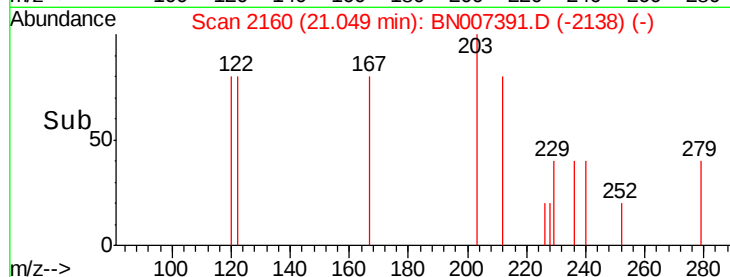
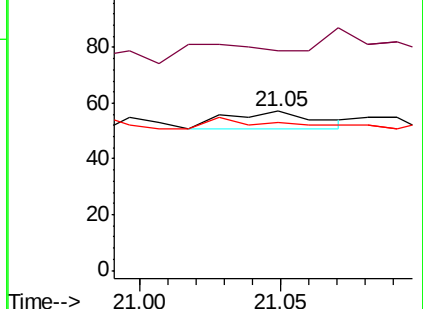
236 93.0 22.2 33.2#



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: 0.096 ng

RT: 19.27 min Scan# 1913

Delta R.T. 0.03 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

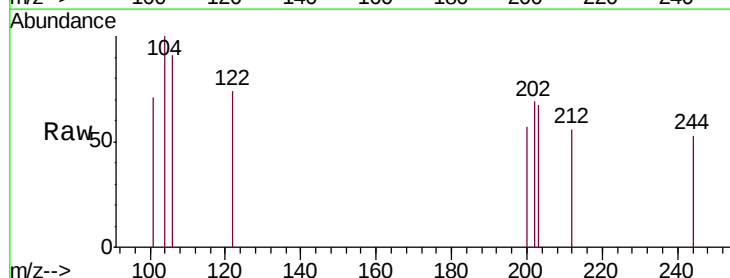
Tgt Ion:202 Resp: 5

Ion Ratio Lower Upper

202 100

200 0.0 16.6 25.0#

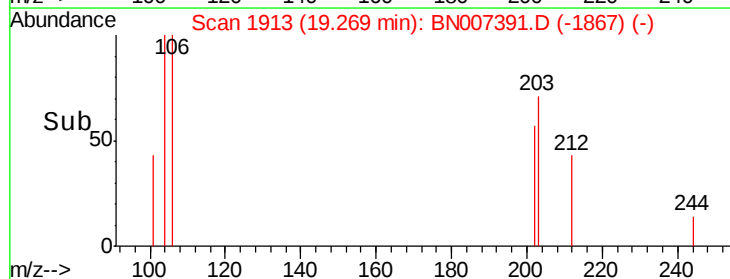
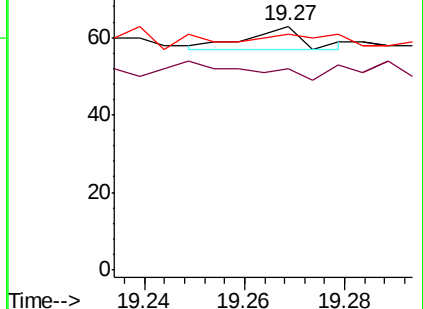
203 100.0 14.2 21.4#

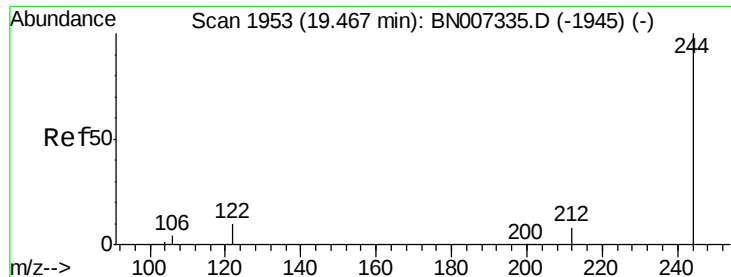


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.059 ng

RT: 19.50 min Scan# 1959

Delta R.T. 0.03 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS

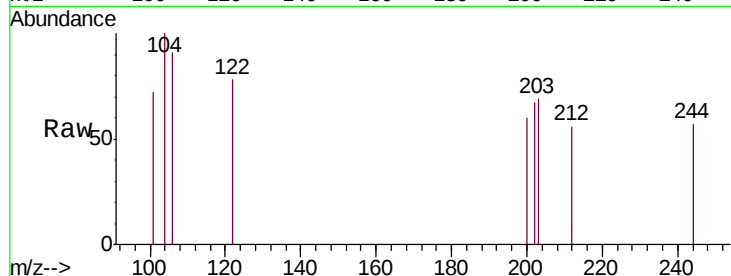
Tot Ion:244 Resp: 2

Ion Ratio Lower Upper

244 100

212 98.0 7.0 10.6#

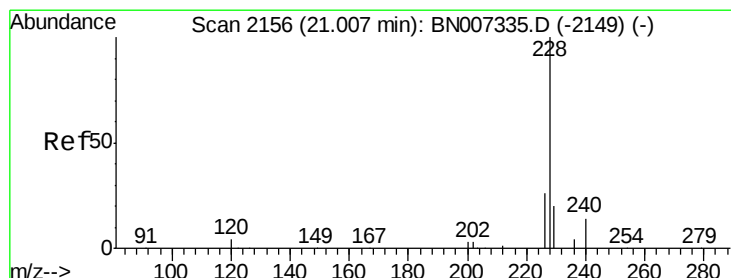
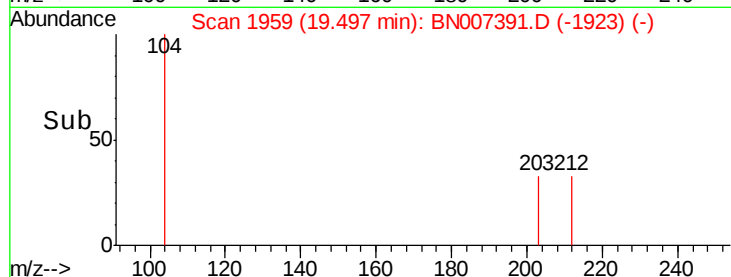
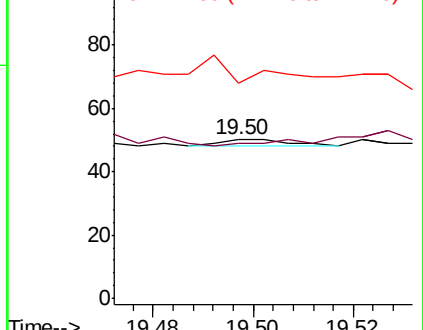
122 136.0 9.6 14.4#



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: 0.157 ng

RT: 21.05 min Scan# 2160

Delta R.T. 0.04 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

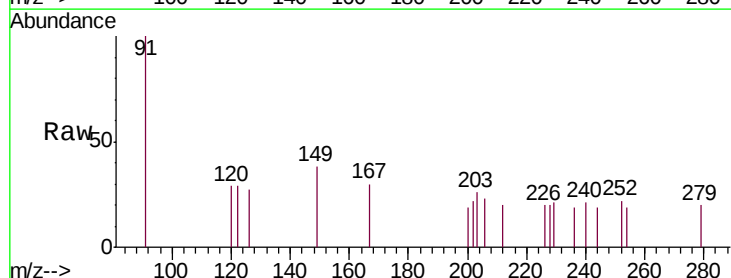
Tgt Ion:228 Resp: 8

Ion Ratio Lower Upper

228 100

226 101.9 21.3 31.9#

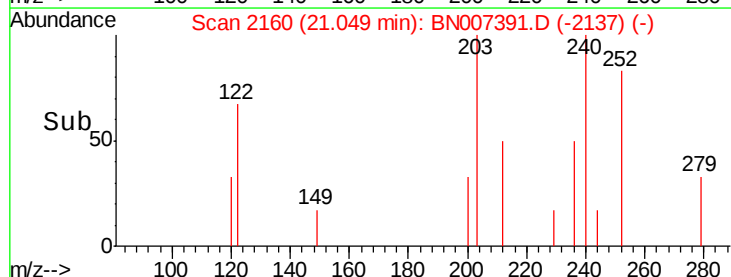
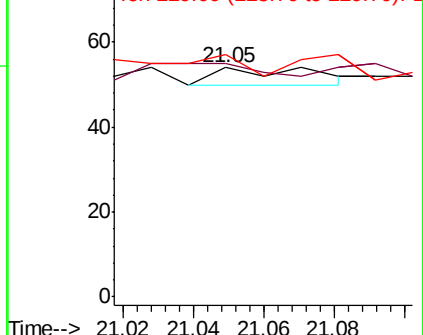
229 105.6 16.1 24.1#

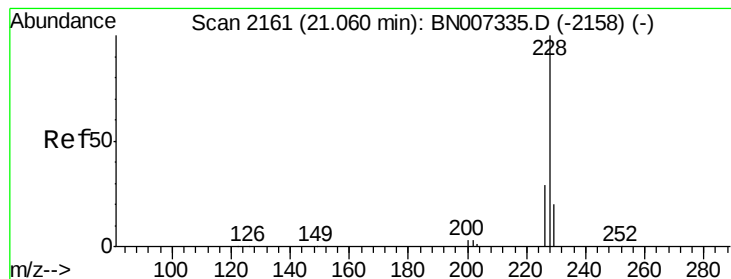


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.162 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS

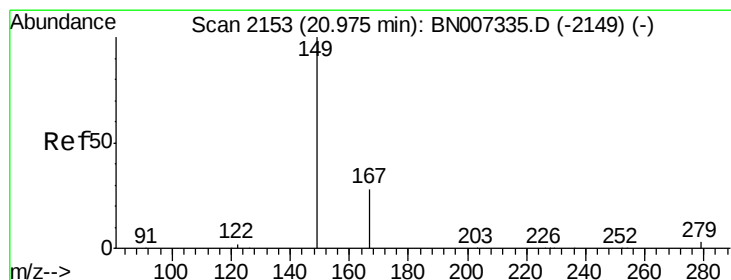
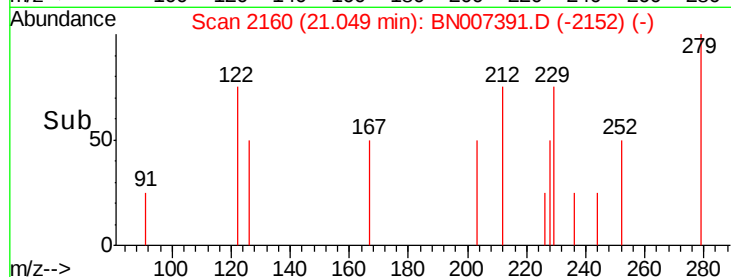
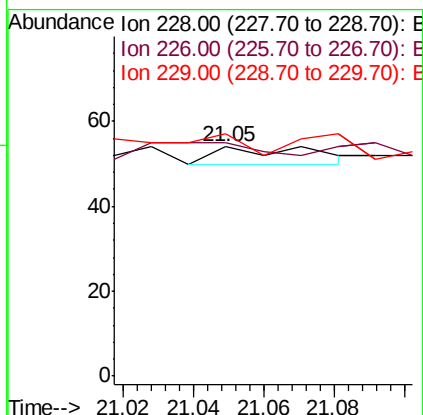
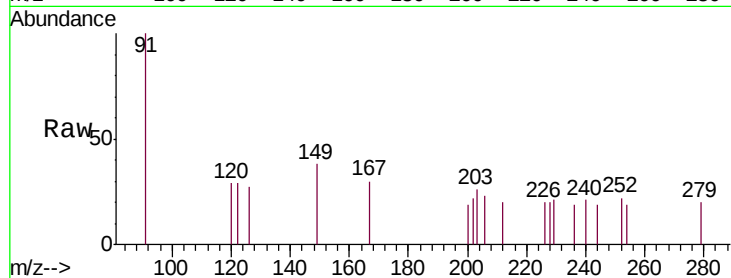
Tot Ion:228 Resp: 8

Ion Ratio Lower Upper

228 100

226 101.9 23.5 35.3#

229 105.6 16.6 24.8#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.496 ng

RT: 21.02 min Scan# 2157

Delta R.T. 0.04 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

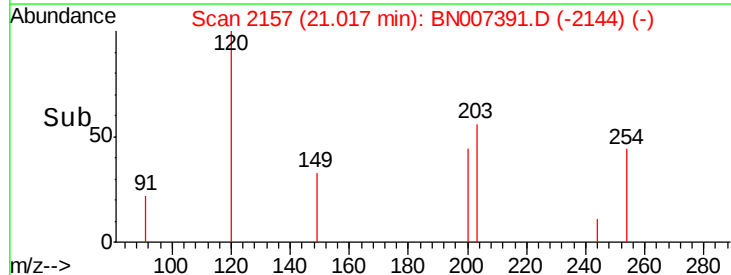
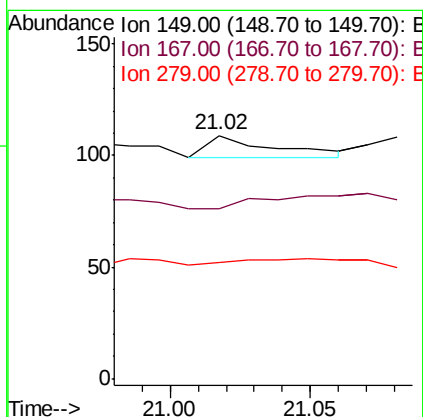
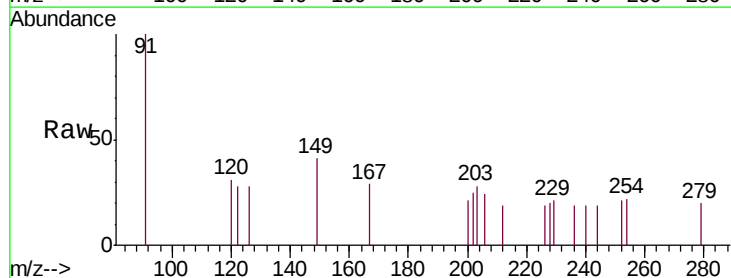
Tgt Ion:149 Resp: 17

Ion Ratio Lower Upper

149 100

167 0.0 22.8 34.2#

279 0.0 3.5 5.3#

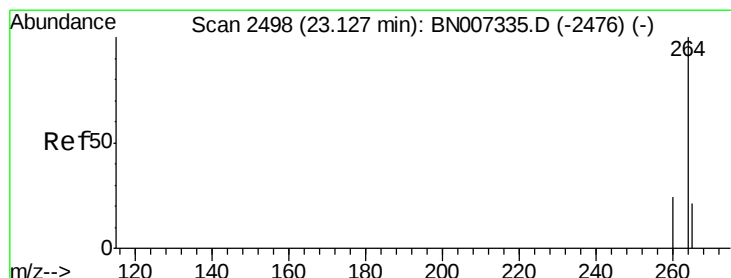
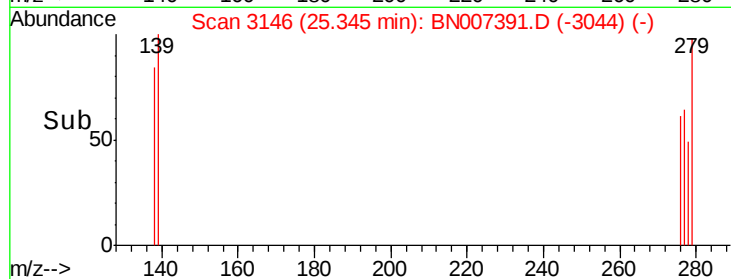
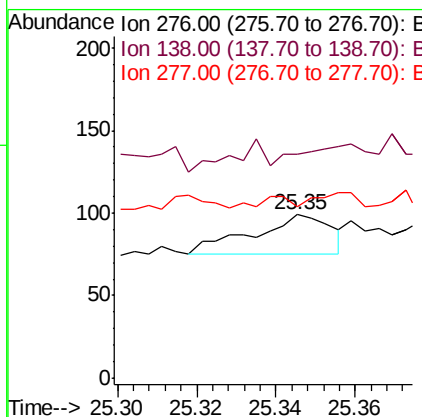
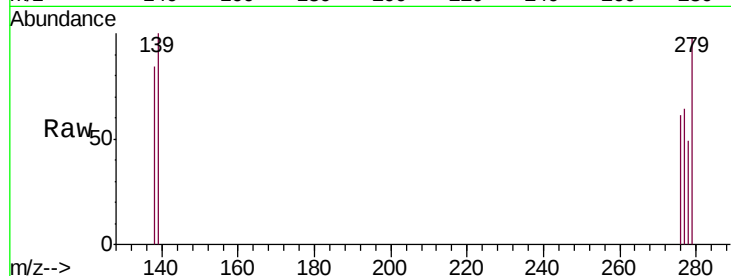




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.556 ng
 RT: 25.35 min Scan# 3146
 Delta R.T. 0.15 min
 Lab File: BN007391.D
 Acq: 25 Aug 2019 12:25

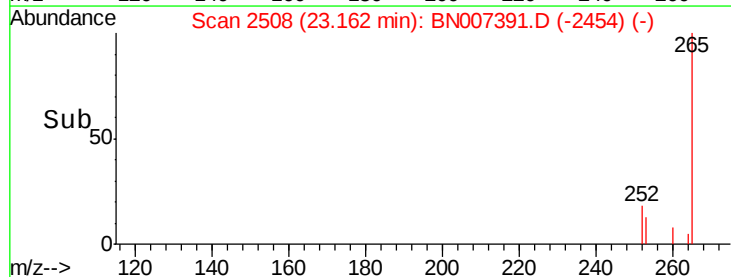
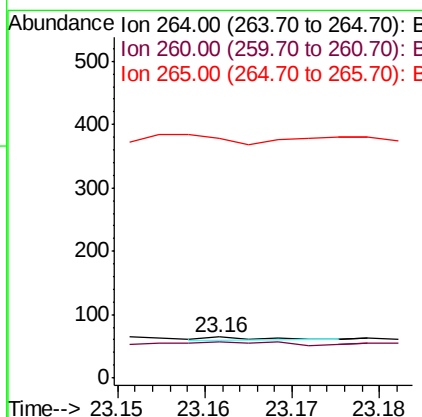
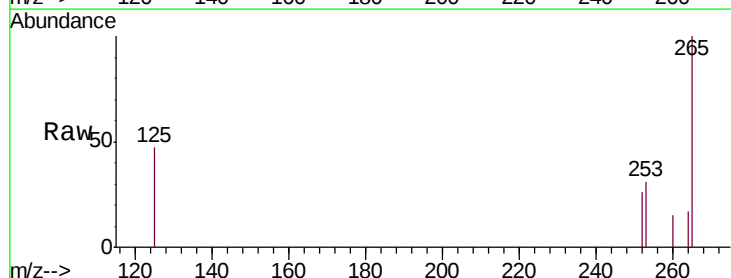
Instrument :
 BNA_N
 ClientSampleId :
 PB122506BS

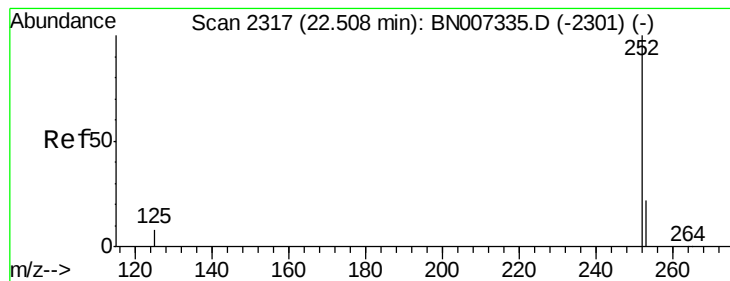
Tot Ion:276 Resp: 33
 Ion Ratio Lower Upper
 276 100
 138 18.2 15.1 22.7
 277 21.2 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2508
 Delta R.T. 0.03 min
 Lab File: BN007391.D
 Acq: 25 Aug 2019 12:25

Tgt Ion:264 Resp: 2
 Ion Ratio Lower Upper
 264 100
 260 89.1 19.7 29.5#
 265 590.6 29.9 44.9#





#35

Benzo(b)fluoranthene

Concen: 0.966 ng

RT: 22.54 min Scan# 2325

Delta R.T. 0.03 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS

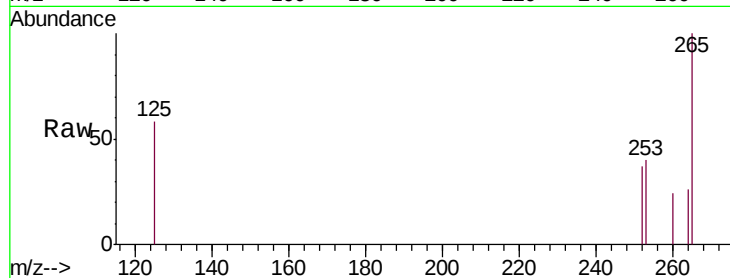
Tot Ion:252 Resp: 7

Ion Ratio Lower Upper

252 100

253 110.1 19.2 28.8#

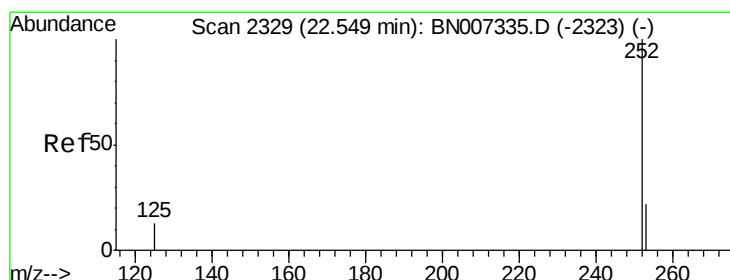
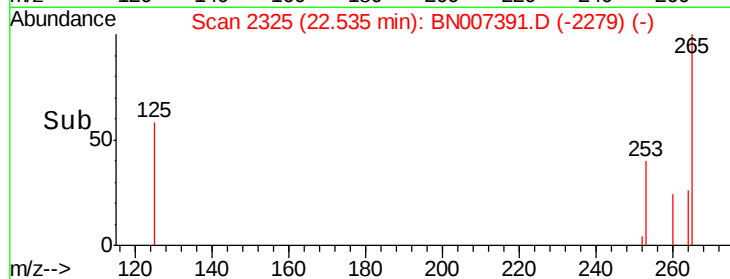
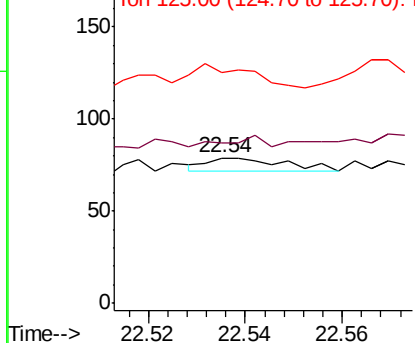
125 158.2 10.6 16.0#



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: 1.536 ng

RT: 22.58 min Scan# 2338

Delta R.T. 0.03 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

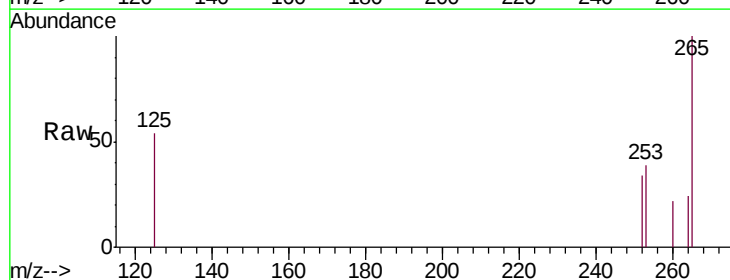
Tgt Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 114.1 19.4 29.2#

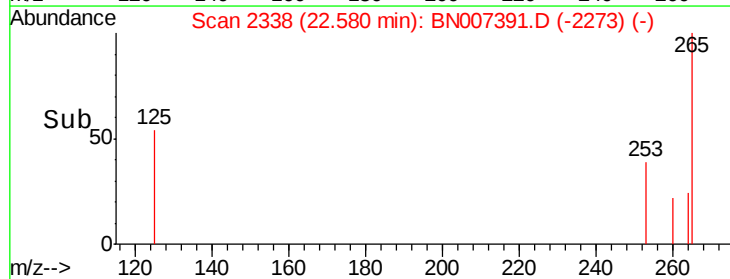
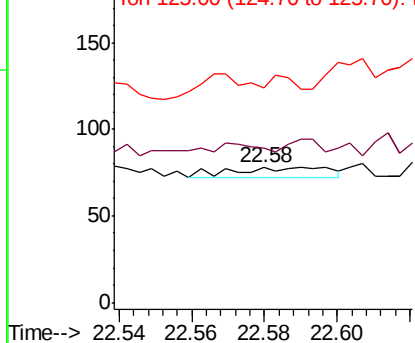
125 159.0 13.1 19.7#



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: 0.435 ng

RT: 23.06 min Scan# 2478

Delta R.T. 0.02 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

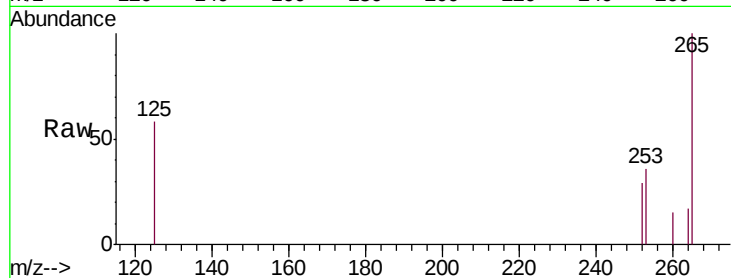
Instrument :

BNA_N

ClientSampleId :

PB122506BS

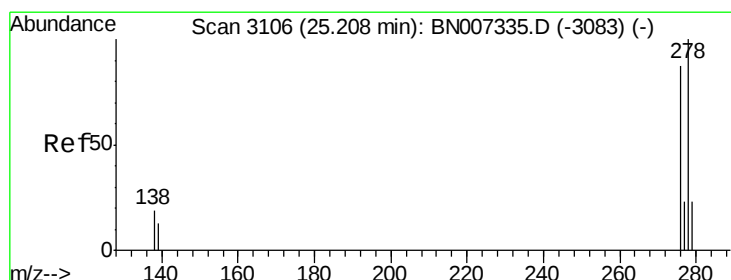
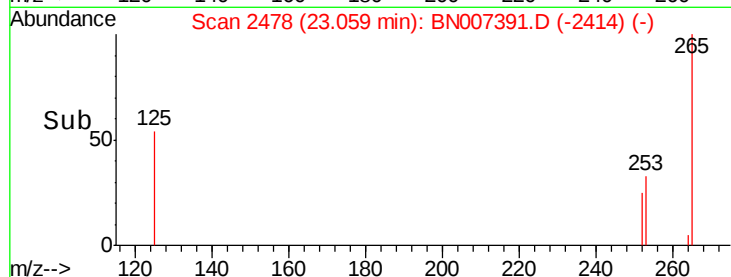
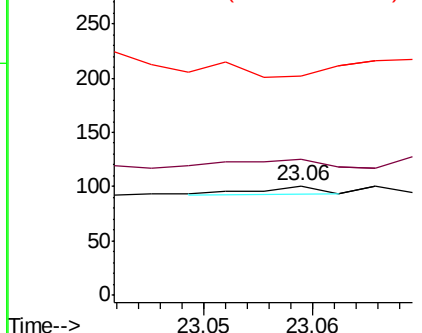
Tot	Ion:252	Resp:	3
Ion	Ratio	Lower	Upper
252	100		
253	123.8	19.5	29.3#
125	200.0	12.1	18.1#



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: 1.453 ng

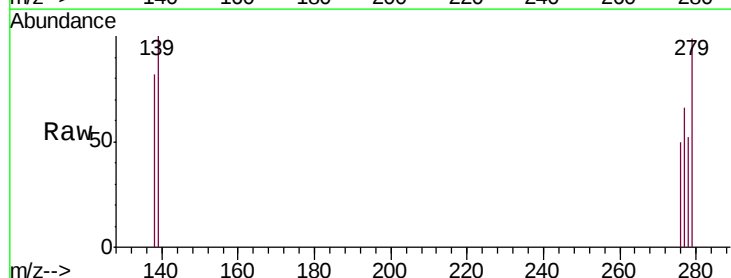
RT: 25.24 min Scan# 3116

Delta R.T. 0.03 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

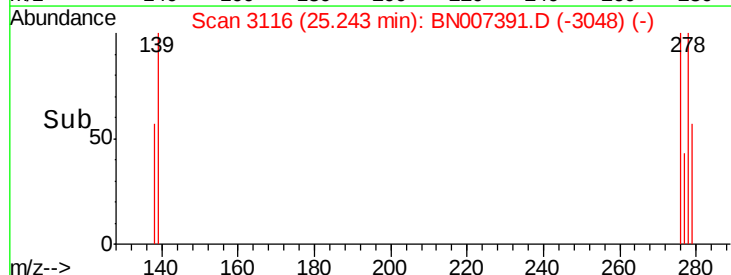
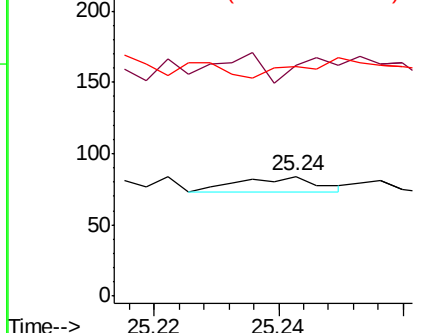
Tgt Ion:278	Resp:	10
Ion Ratio	Lower	Upper
278 100		
139 192.9	13.7	20.5#
279 191.7	20.2	30.4#



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(a,h,i)perylene

Concen: 0.583 ng

RT: 25.84 min Scan# 3291

Delta R.T. 0.02 min

Lab File: BN007391.D

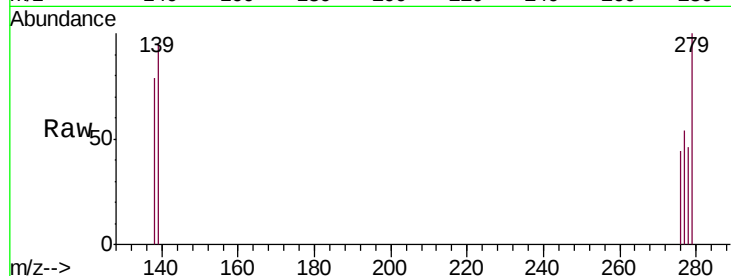
Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS



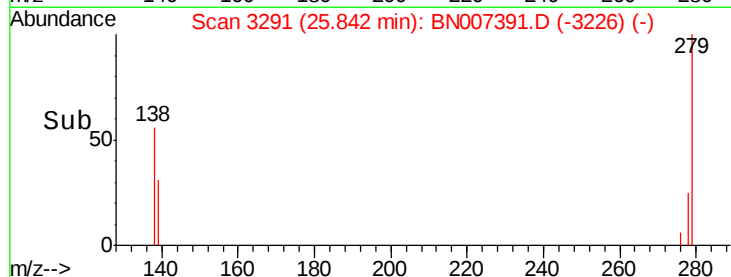
Tot Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

277 122.6 19.6 29.4#

138 178.6 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

200

150

100

50

0

25.83 25.84 25.85 25.86

Time-->