

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

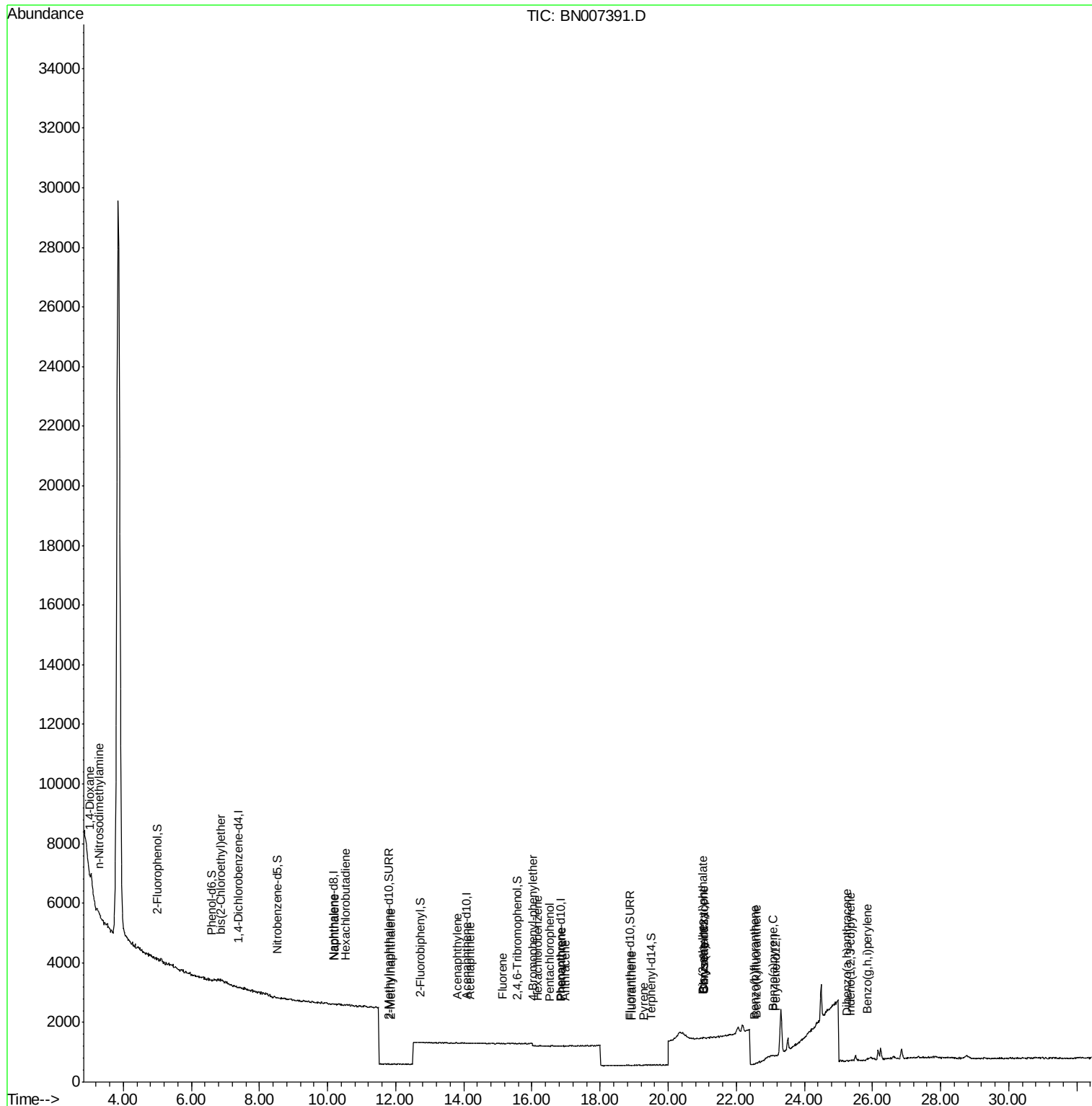
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.03	88	30	4.514	ng	# 19
3) n-Nitrosodimethylamine	3.30	42	39	12.630	ng	# 1
6) bis(2-Chloroethyl)ether	6.86	93	34	2.353	ng	# 5
9) Naphthalene	10.20	128	23	1.610	ng	# 1
10) Hexachlorobutadiene	10.52	225	5	1.708	ng	# 1
12) 2-Methylnaphthalene	11.85	142	10	1.028	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

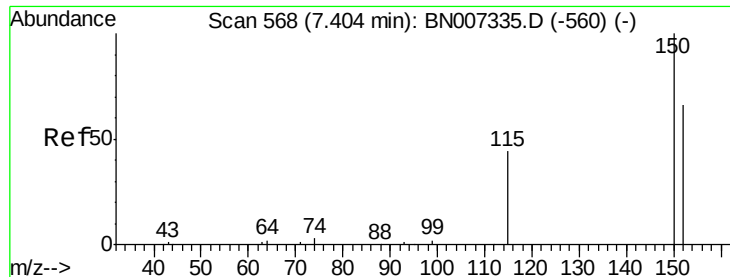
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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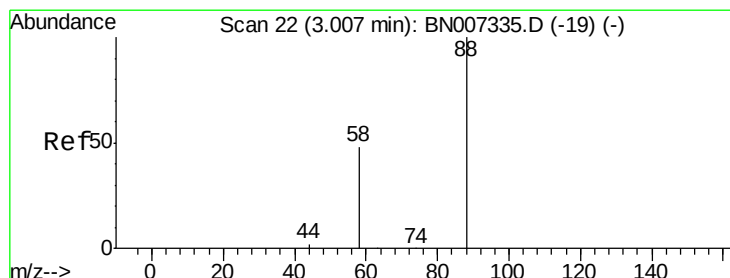
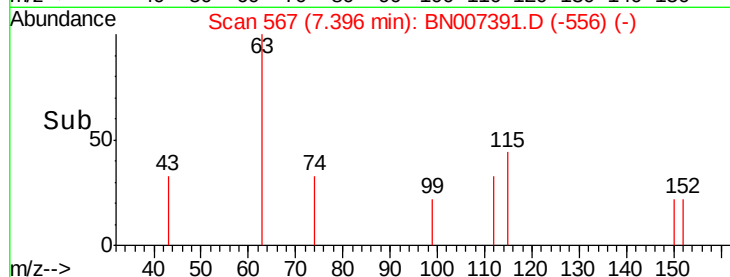
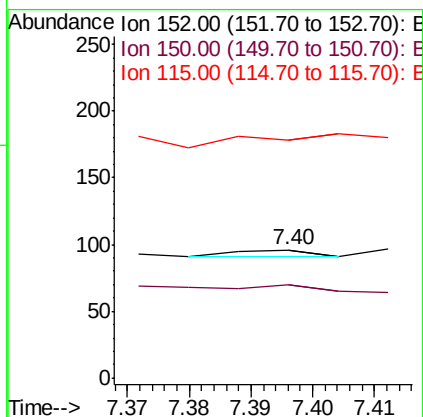
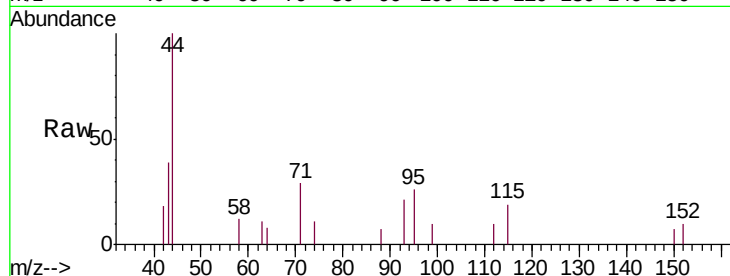


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007391.D
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BNA_N
ClientSampleId :
PB122506BS

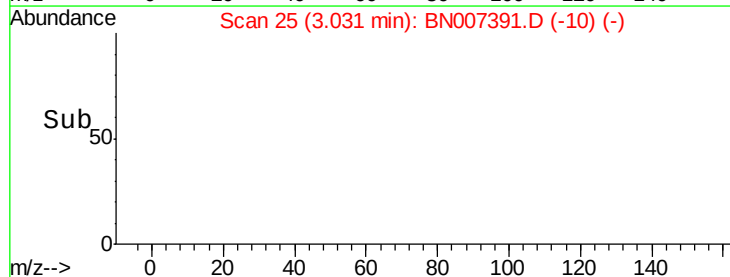
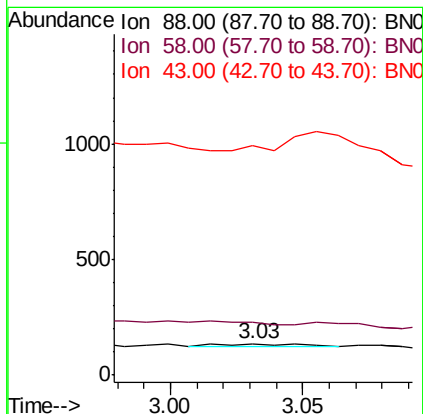
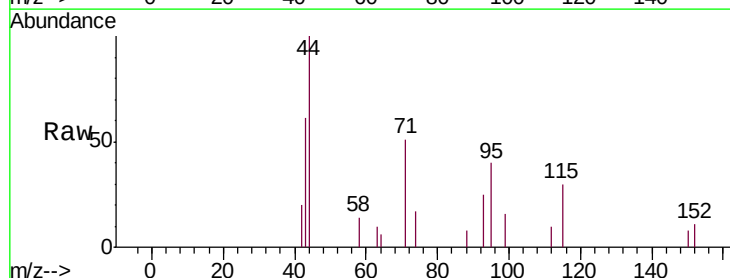
Tgt Ion:152 Resp: 4
Ion Ratio Lower Upper
152 100
150 72.9 109.1 163.7#
115 185.4 59.6 89.4#

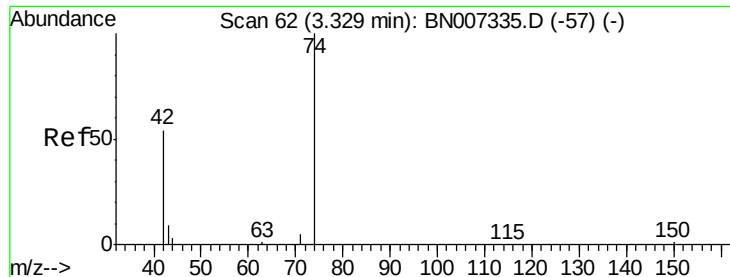


#2

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



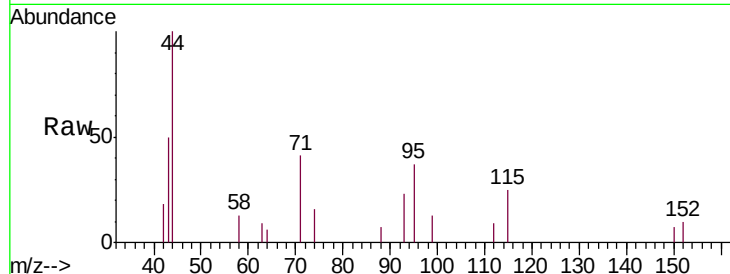


#3

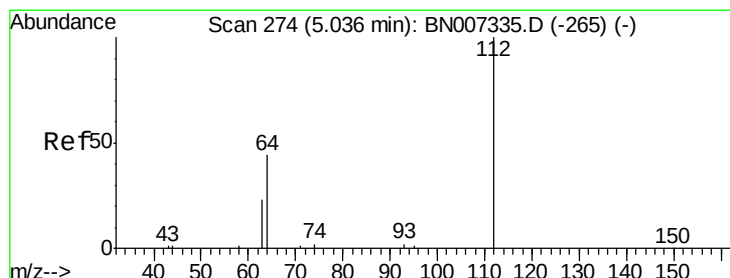
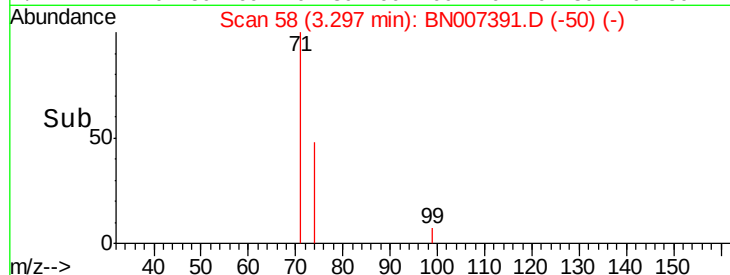
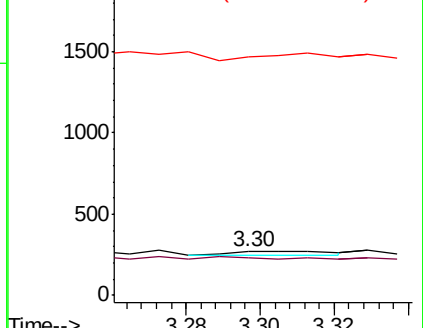
n-Nitrosodimethylamine
 Concen: 12.630 ng
 RT: 3.30 min Scan# 58
 Delta R.T. -0.03 min
 Lab File: BN007391.D
 Acq: 25 Aug 2019 12:25

Instrument :
 BNA_N
 ClientSampleId :
 PB122506BS

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



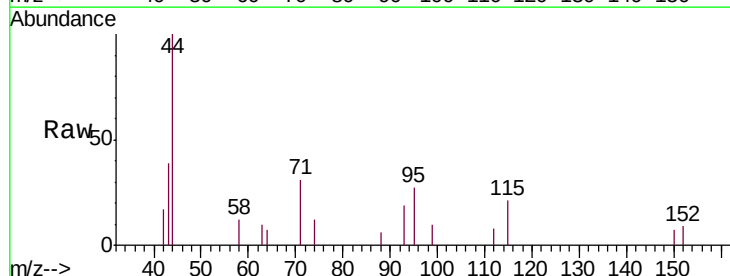
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



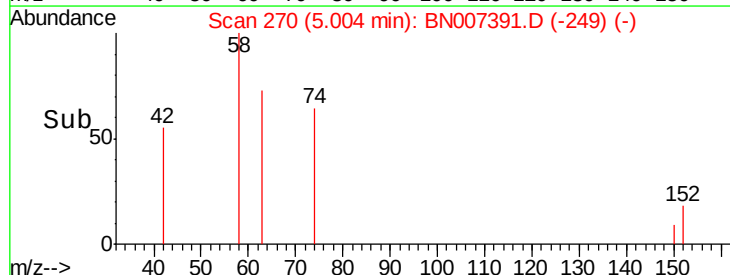
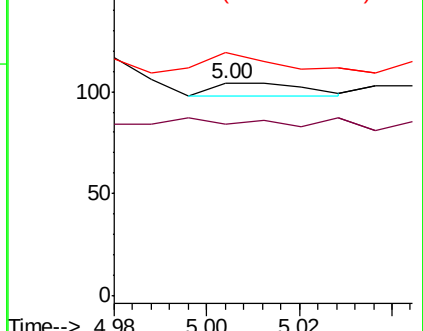
#4

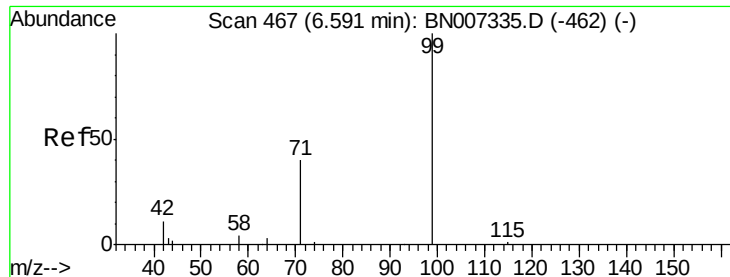
2-Fluorophenol
 Concen: 0.589 ng
 RT: 5.00 min Scan# 270
 Delta R.T. -0.03 min
 Lab File: BN007391.D
 Acq: 25 Aug 2019 12:25

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

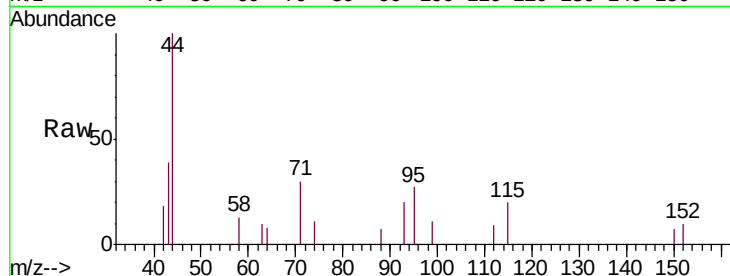
Tgt Ion: 99 Resp: 17

Ion Ratio Lower Upper

99 100

42 229.4 11.2 16.8#

71 0.0 31.8 47.8#

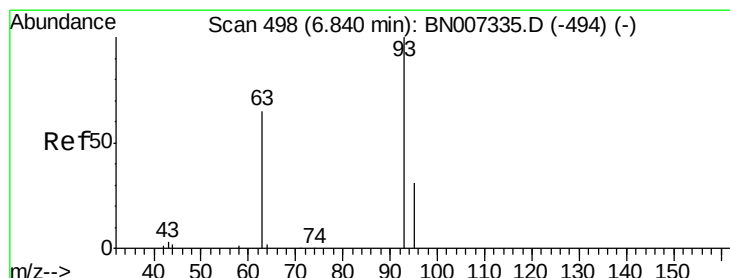
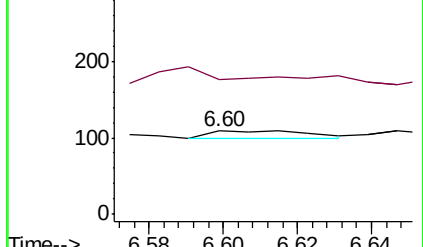
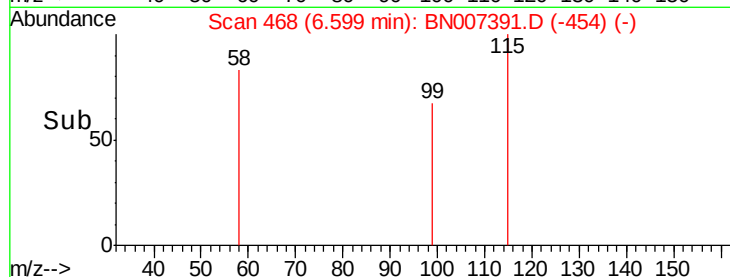


Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

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

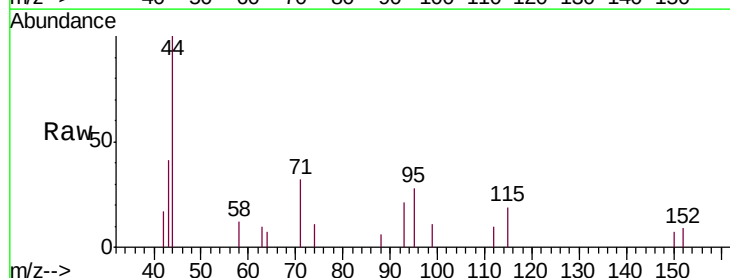
Tgt Ion: 93 Resp: 34

Ion Ratio Lower Upper

93 100

63 0.0 51.9 77.9#

95 102.9 27.7 41.5#

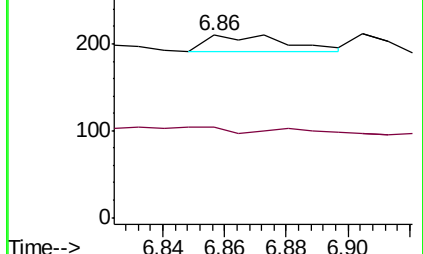
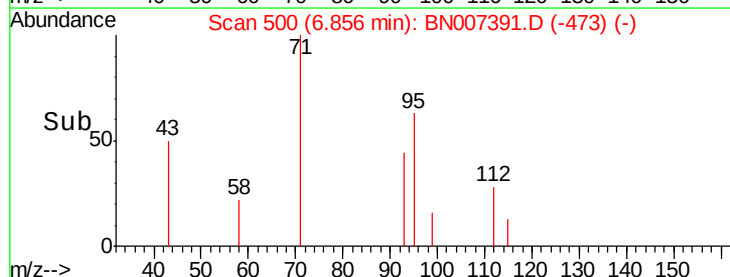


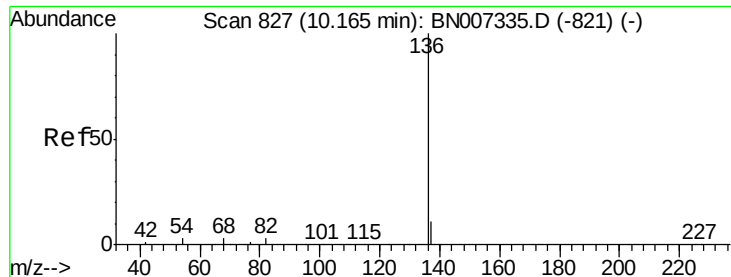
Abundance Ion 93.00 (92.70 to 93.70): BN007335.D (-494) (-)

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

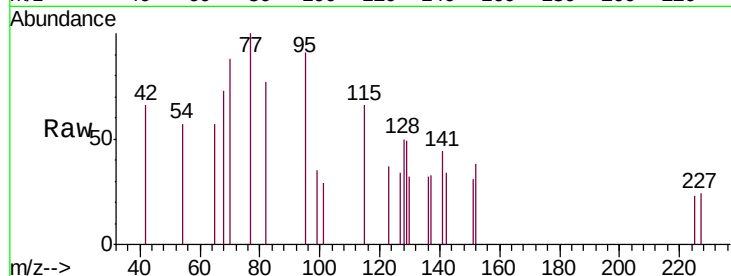
Instrument :

BNA_N

ClientSampleId :

PB122506BS

Tgt 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#



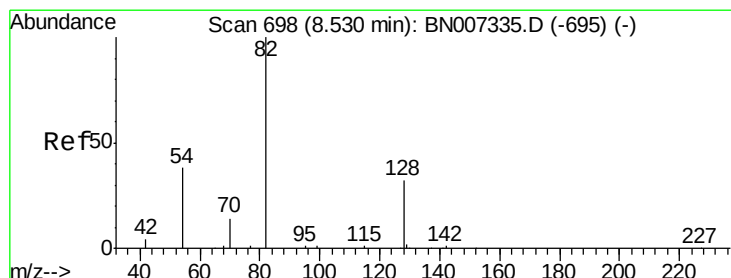
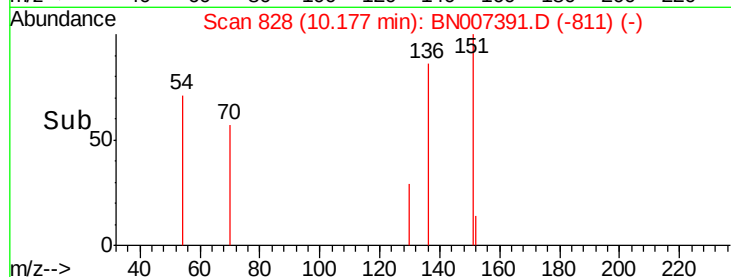
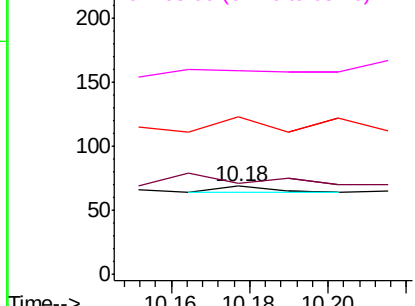
Abundance

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: 5.056 ng

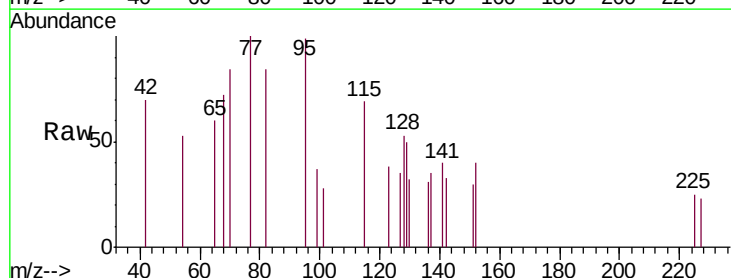
RT: 8.53 min Scan# 698

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#

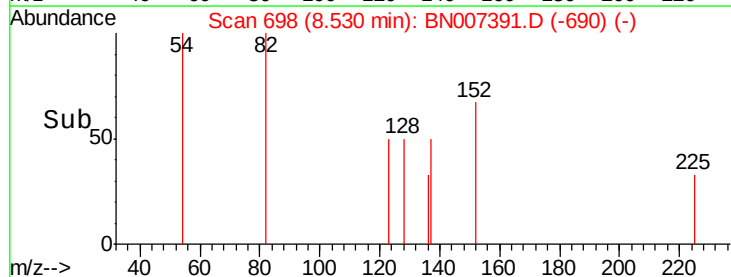
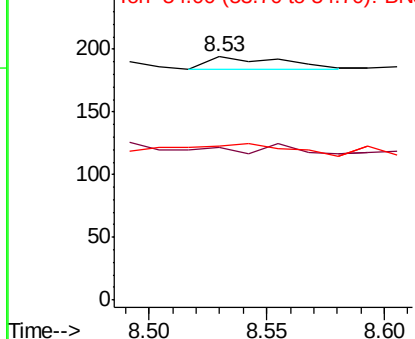


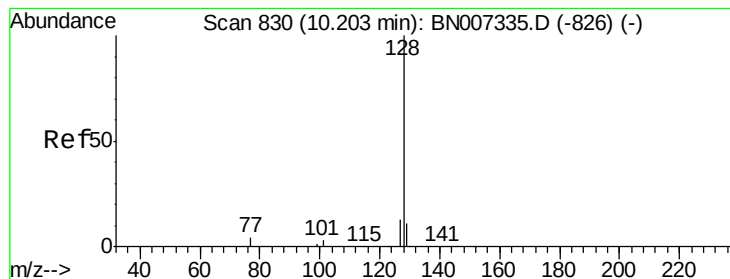
Abundance

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: 1.610 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007391.D

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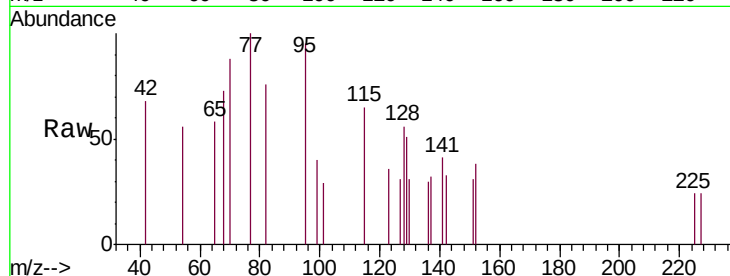
Tgt Ion:128 Resp: 23

Ion Ratio Lower Upper

128 100

129 91.7 11.1 16.7#

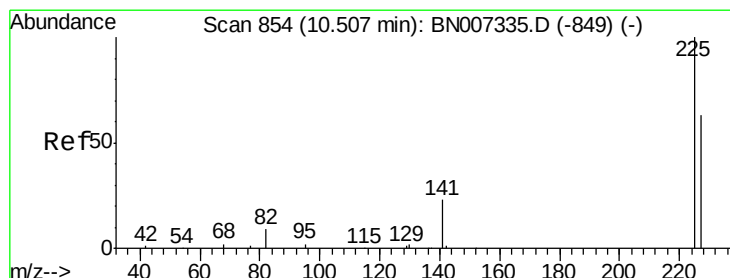
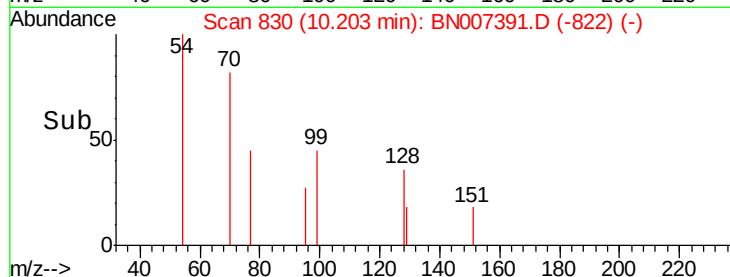
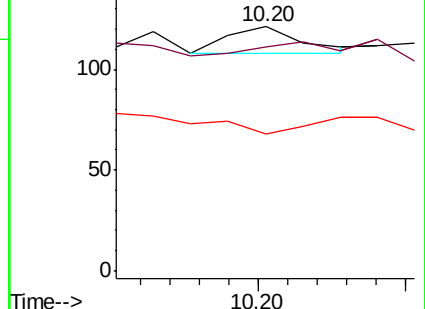
127 56.2 15.5 23.3#



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

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

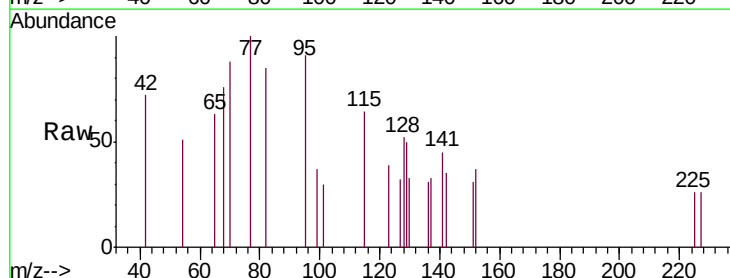
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

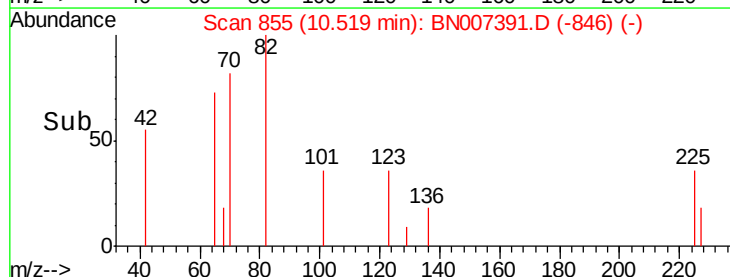
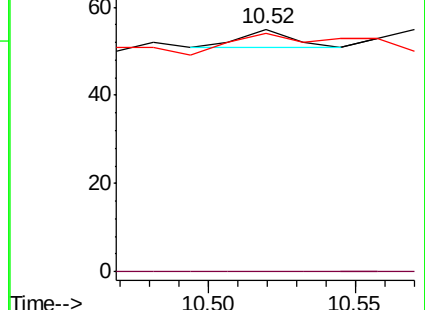
227 300.0 50.7 76.1#

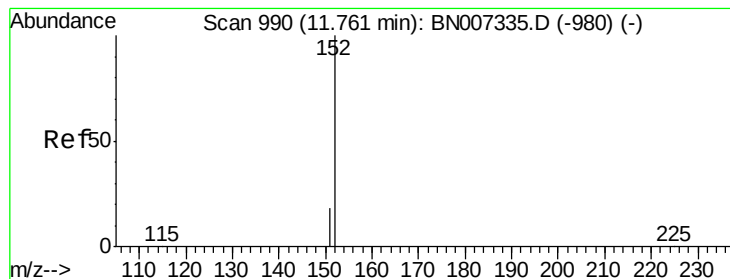


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.324 ng

RT: 11.78 min Scan# 995

Delta R.T. 0.02 min

Lab File: BN007391.D

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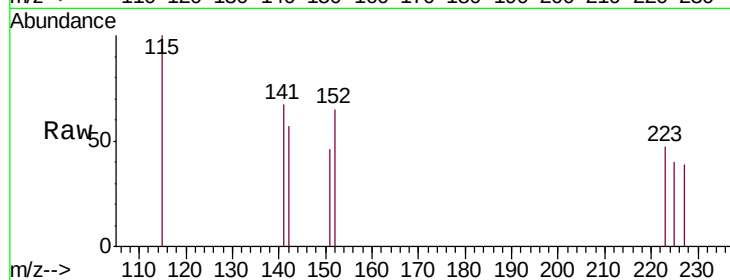
PB122506BS

Tgt Ion:152 Resp: 11

Ion Ratio Lower Upper

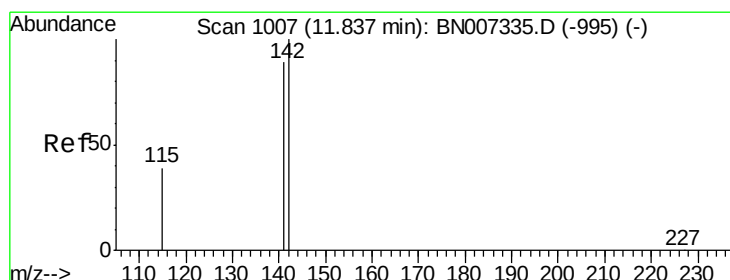
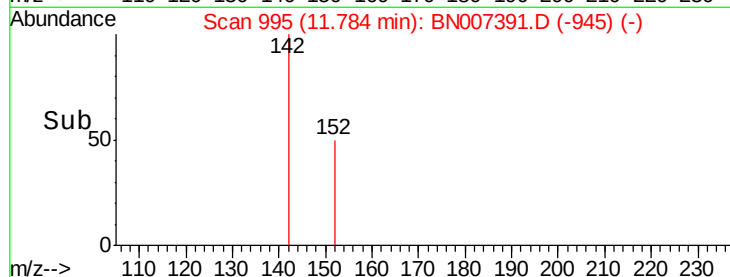
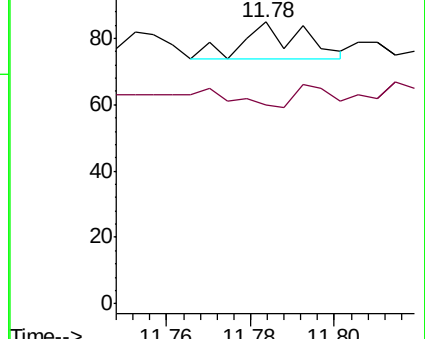
152 100

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

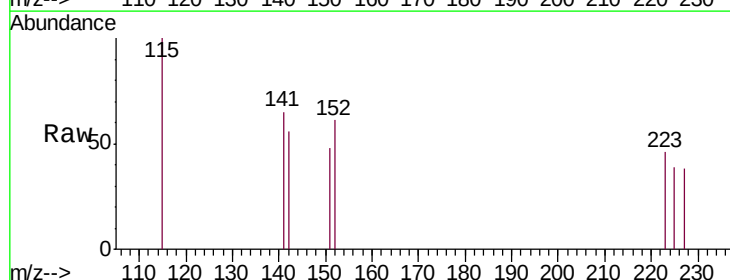
Tgt Ion:142 Resp: 10

Ion Ratio Lower Upper

142 100

141 116.2 72.8 109.2#

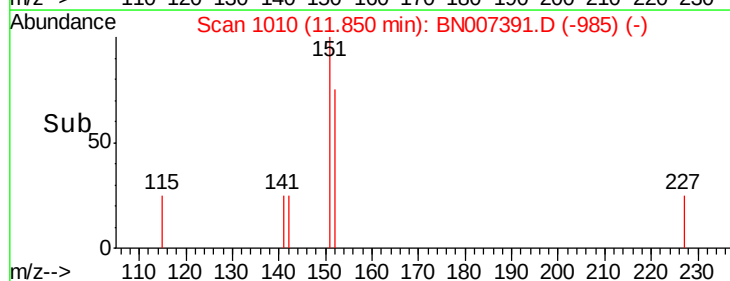
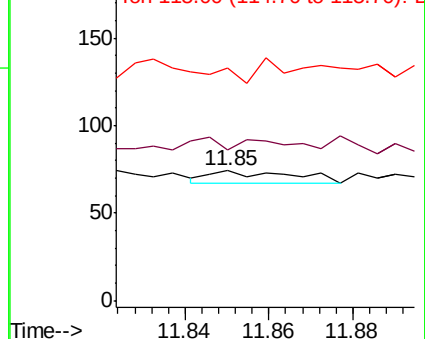
115 179.7 35.2 52.8#

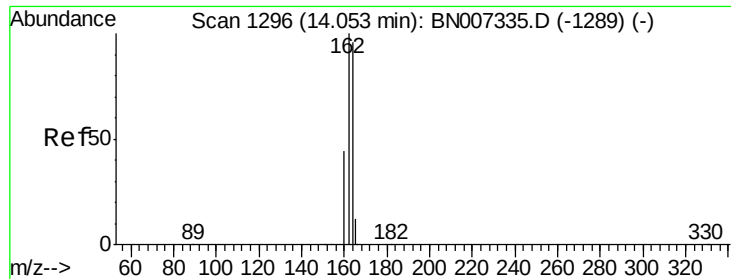


Abundance Ion 142.00 (141.70 to 142.70): E

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

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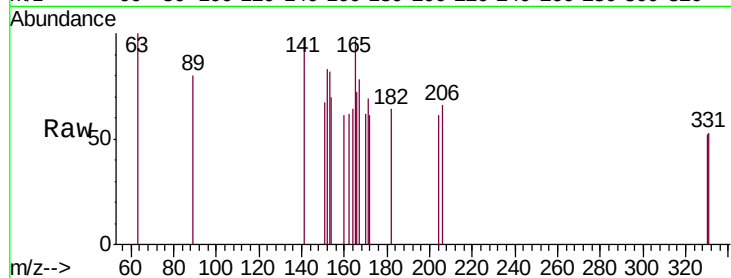
Tgt Ion:164 Resp: 1

Ion Ratio Lower Upper

164 100

162 96.4 83.5 125.3

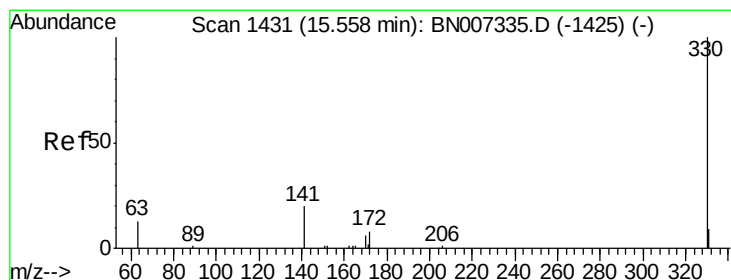
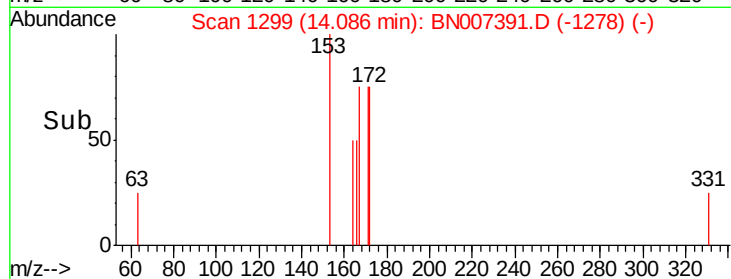
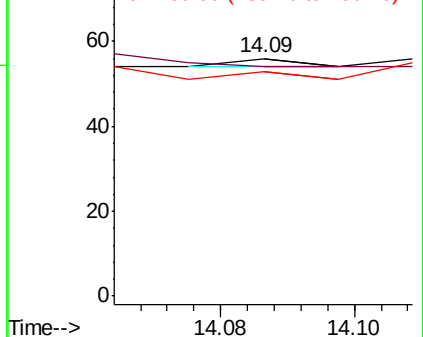
160 94.6 38.2 57.4#



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

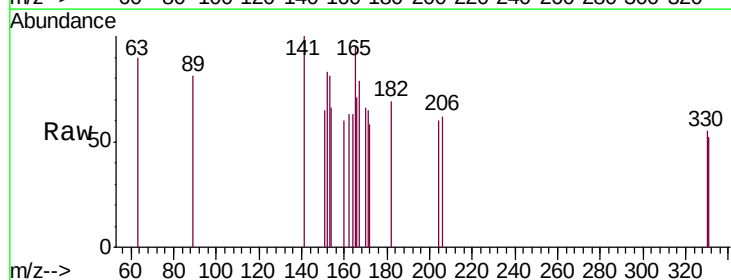
Tgt Ion:330 Resp: 7

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

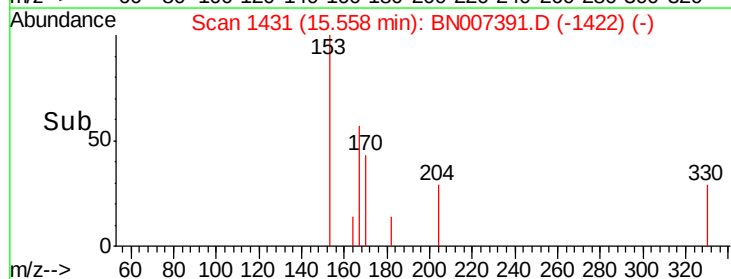
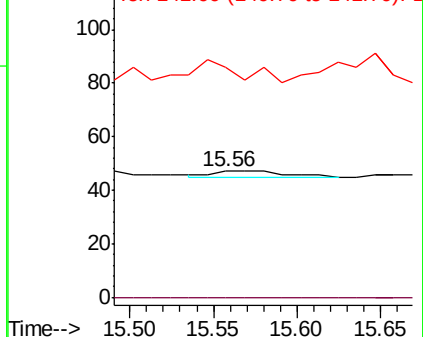
141 271.4 26.9 40.3#

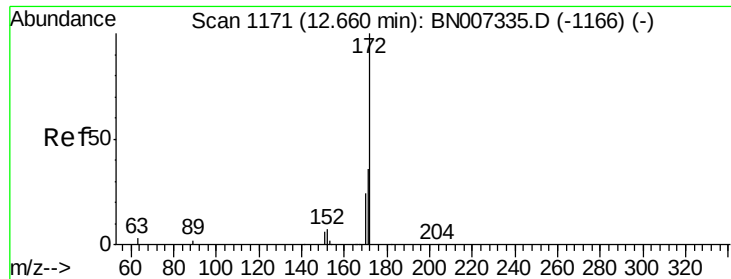


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

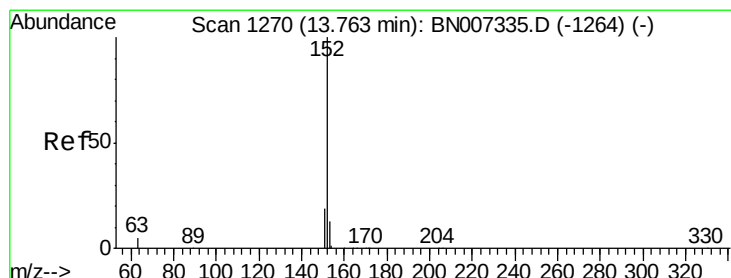
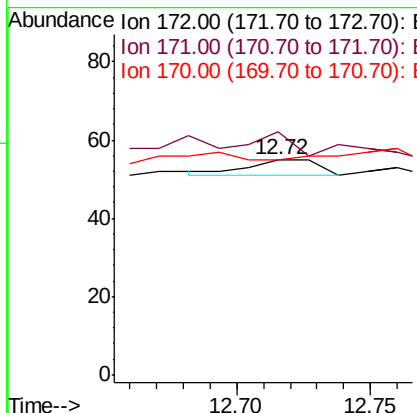
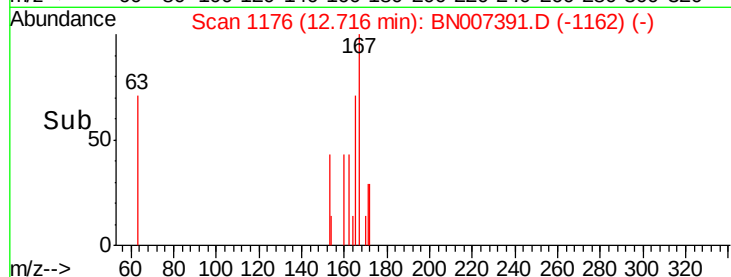
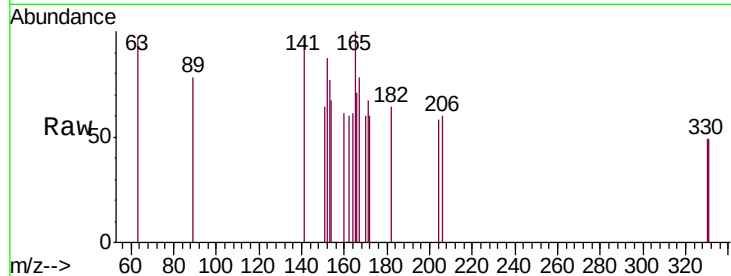




#15
2-Fluorobiphenyl
Concen: 1.736 ng
RT: 12.72 min Scan# 1176
Delta R.T. 0.06 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

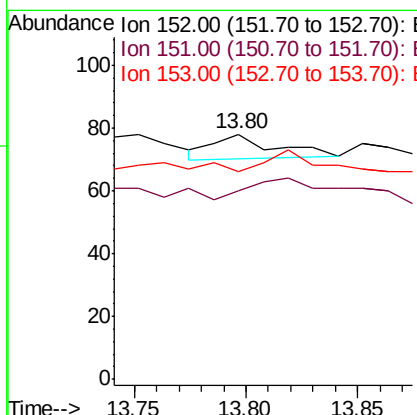
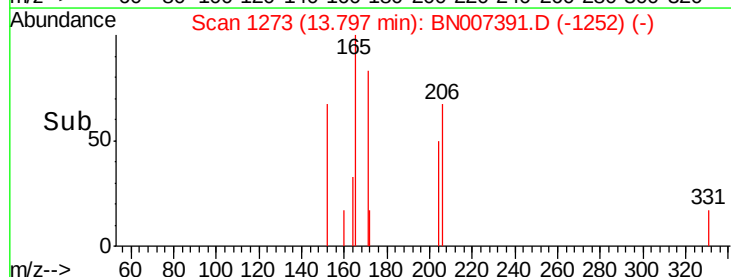
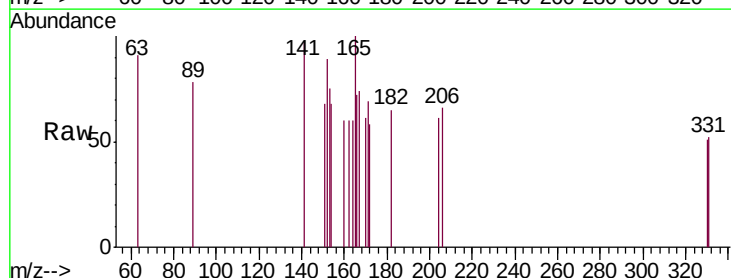
Instrument :
BNA_N
ClientSampleId :
PB122506BS

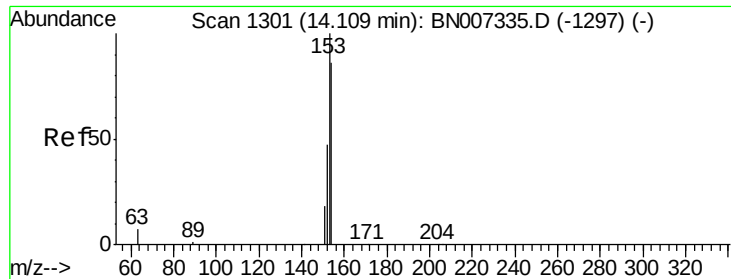
Tgt Ion:172 Resp: 7
Ion Ratio Lower Upper
172 100
171 112.7 30.3 45.5#
170 100.0 20.7 31.1#



#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

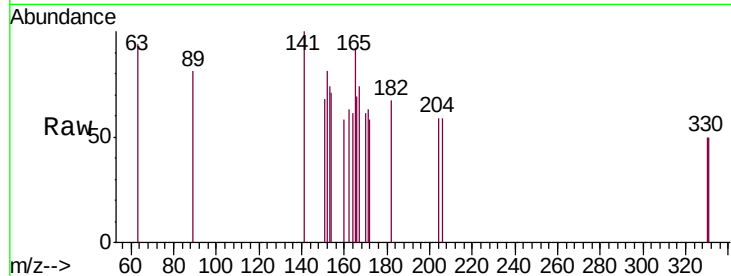
Tgt Ion:154 Resp: 9

Ion Ratio Lower Upper

154 100

153 300.0 92.8 139.2#

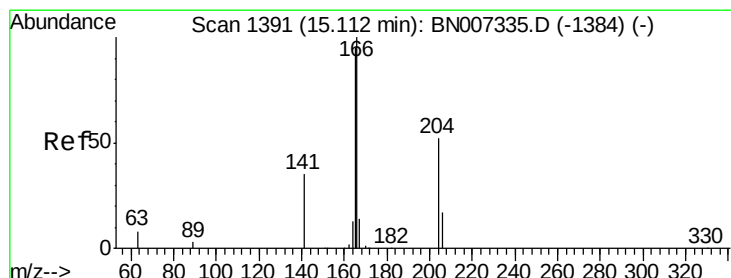
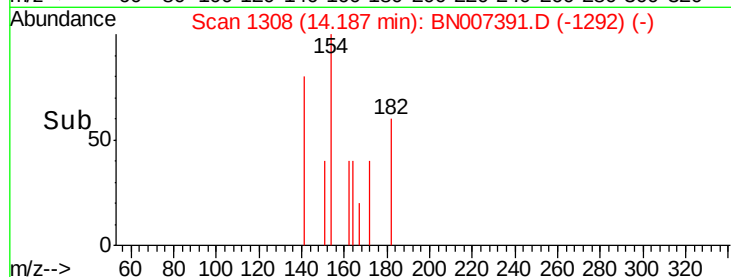
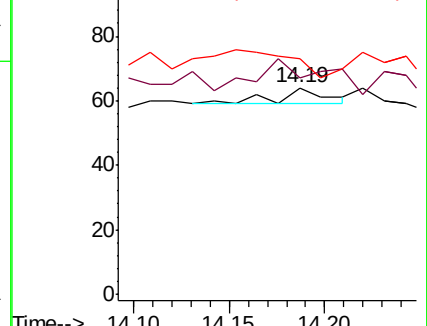
152 0.0 43.8 65.8#



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

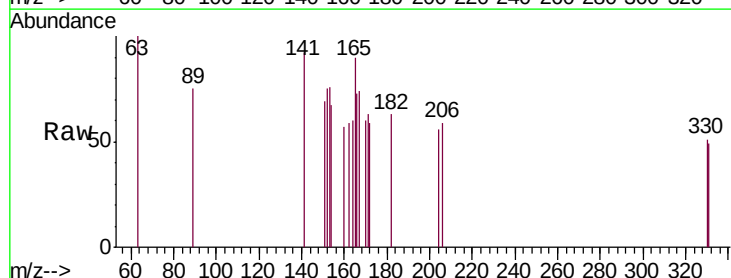
Tgt Ion:166 Resp: 11

Ion Ratio Lower Upper

166 100

165 190.9 79.0 118.4#

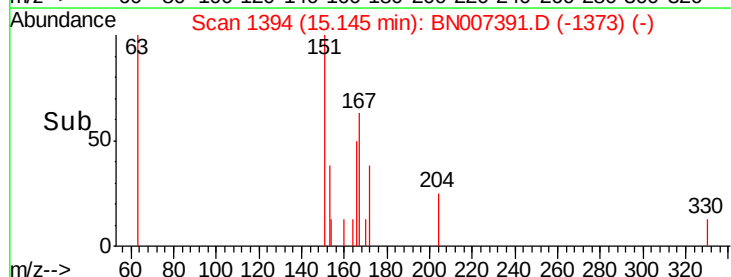
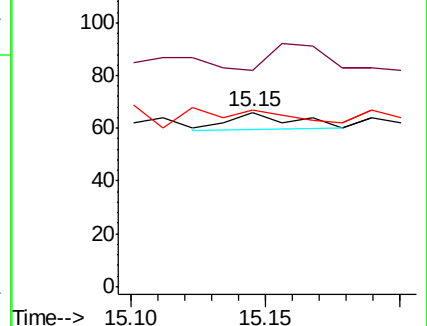
167 0.0 10.6 15.8#

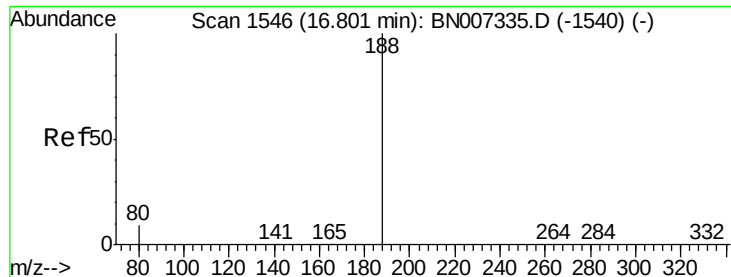


Abundance Ion 166.00 (165.70 to 166.70): E

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

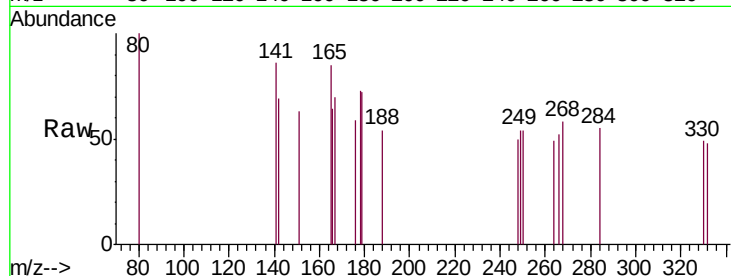
Tgt Ion:188 Resp: 9

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

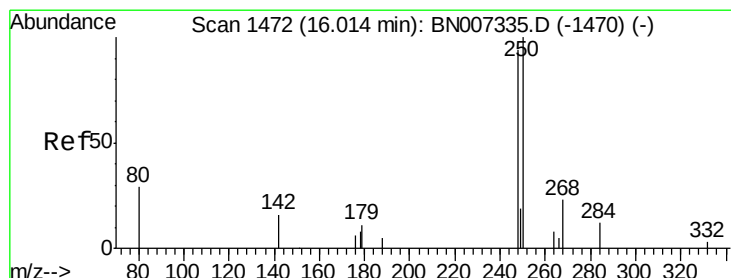
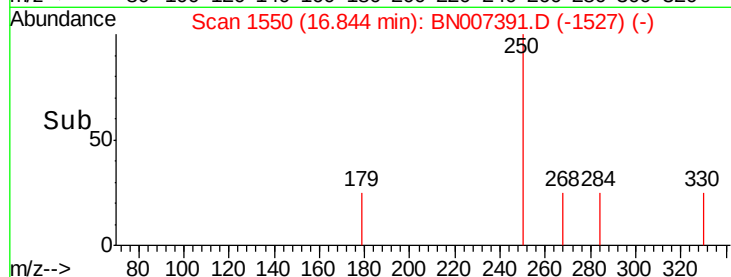
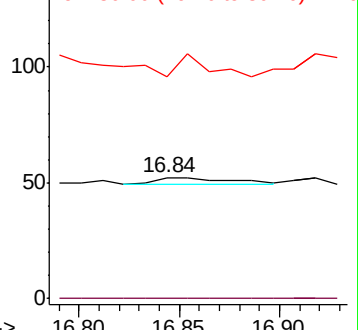
80 184.6 11.8 17.8#



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

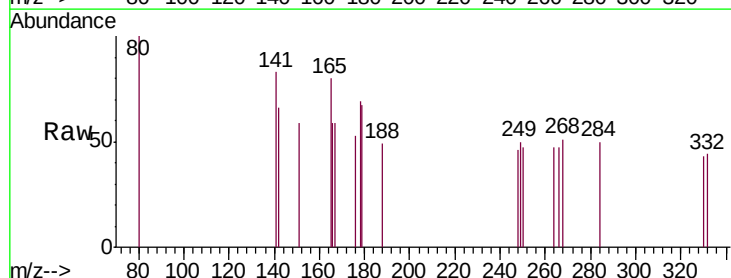
Tgt Ion:248 Resp: 123

Ion Ratio Lower Upper

248 100

250 102.1 85.0 127.6

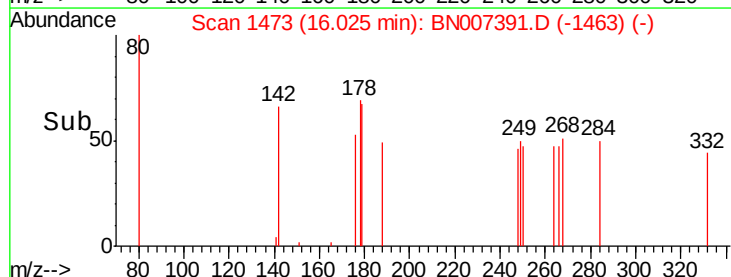
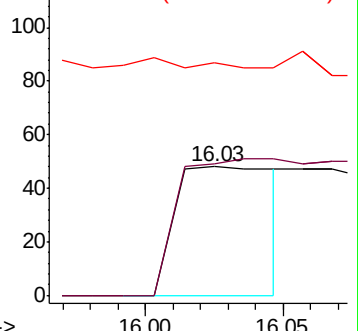
141 181.3 51.7 77.5#

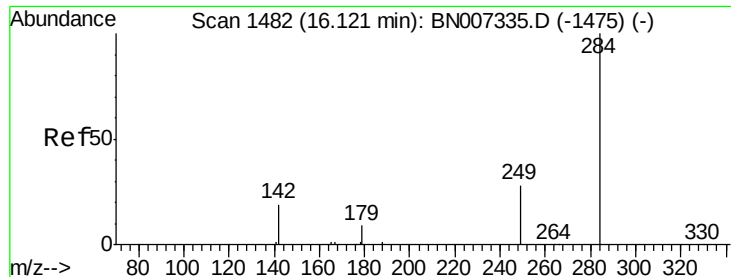


Abundance Ion 248.00 (247.70 to 248.70): E

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

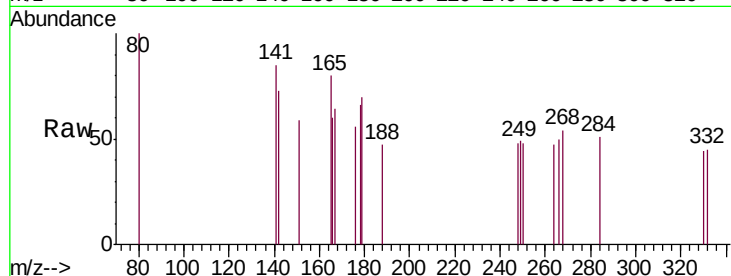
Instrument :

BNA_N

ClientSampleId :

PB122506BS

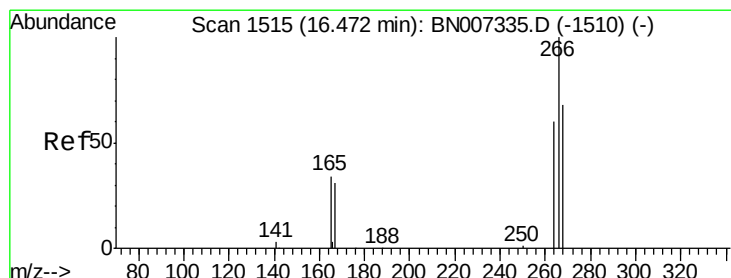
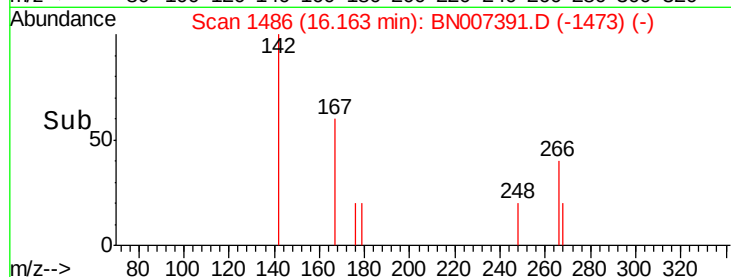
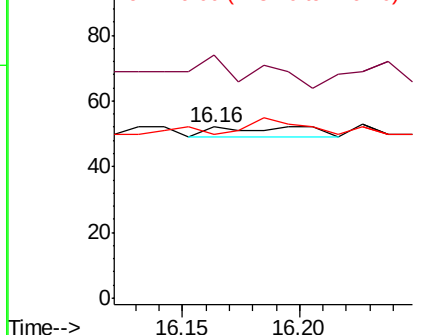
Tgt Ion:	284	Resp:	8
Ion	Ratio	Lower	Upper
284	100		
142	187.5	29.0	43.6#
249	0.0	24.9	37.3#



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

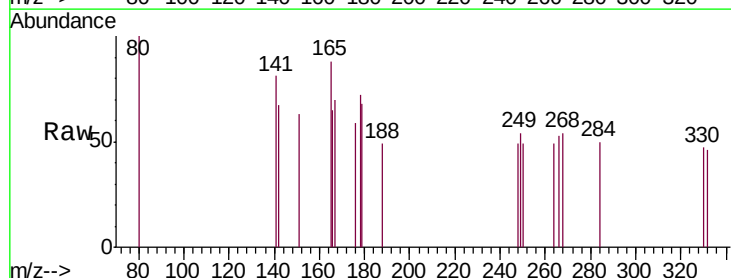
RT: 16.51 min Scan# 1519

Delta R.T. 0.04 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

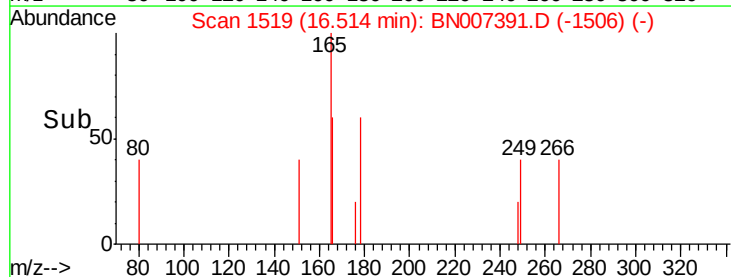
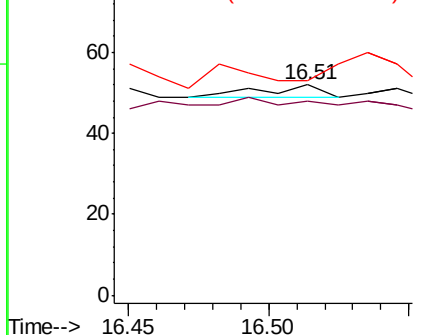
Tgt Ion:	266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
264	92.3	57.8	86.8#
268	101.9	99.7	149.5

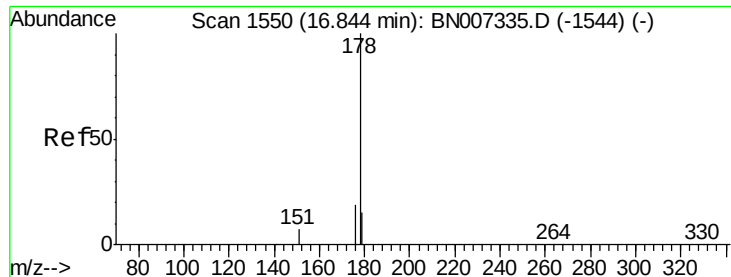


Abundance Ion 266.00 (265.70 to 266.70): E

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

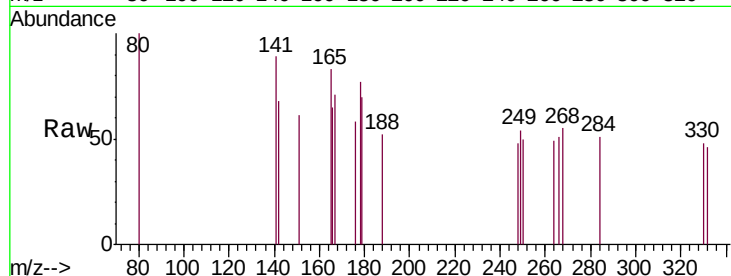
Tgt Ion:178 Resp: 21

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

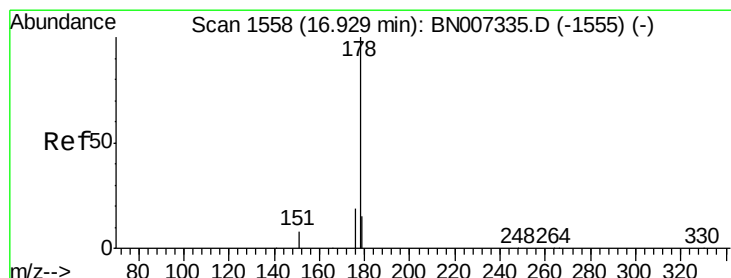
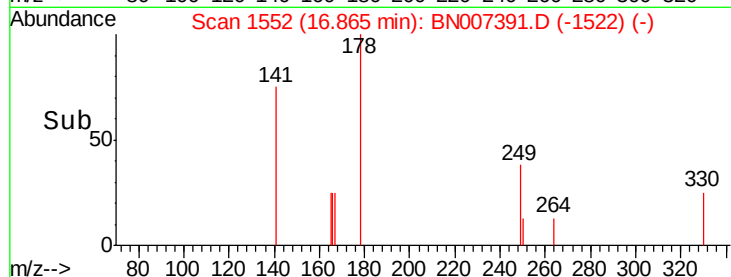
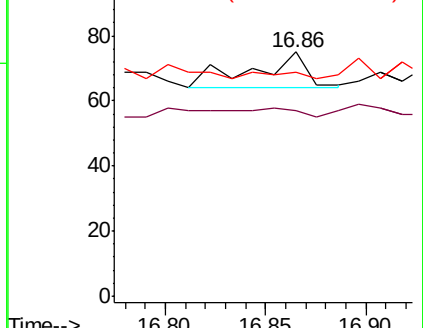
179 0.0 12.6 19.0#



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

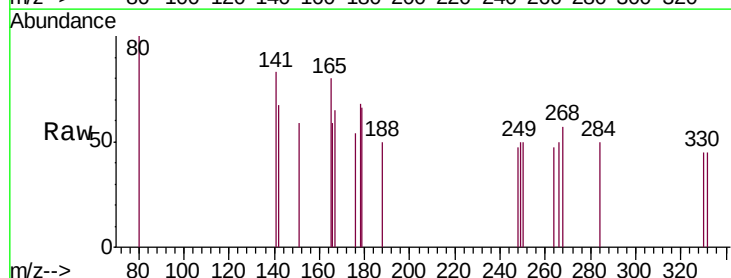
Tgt Ion:178 Resp: 4

Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

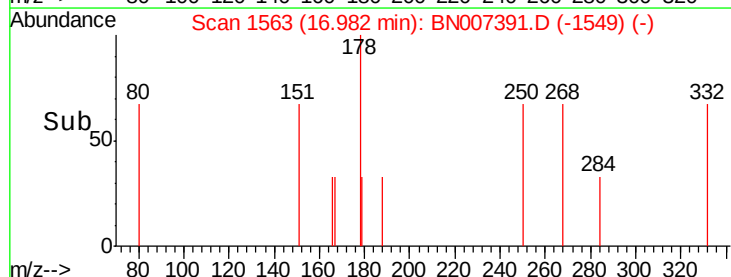
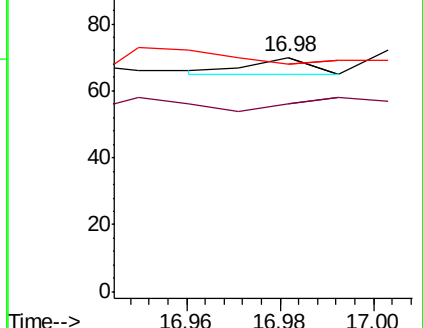
179 0.0 12.4 18.6#

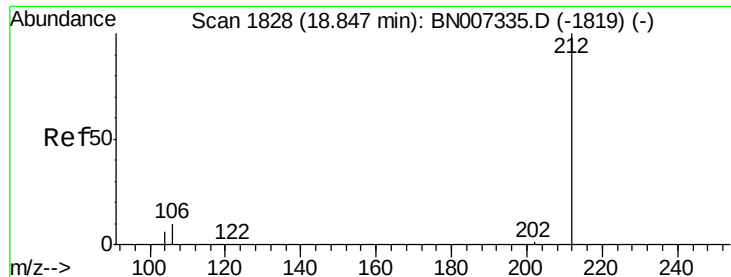


Abundance Ion 178.00 (177.70 to 178.70): E

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

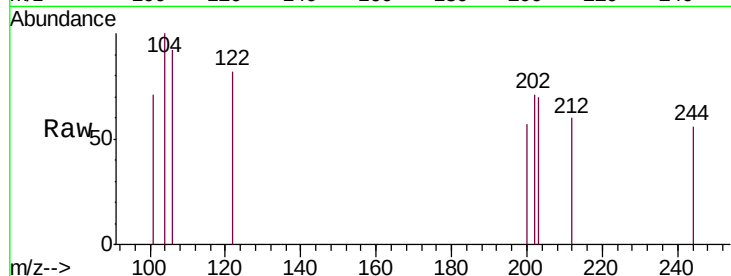
Instrument :

BNA_N

ClientSampleId :

PB122506BS

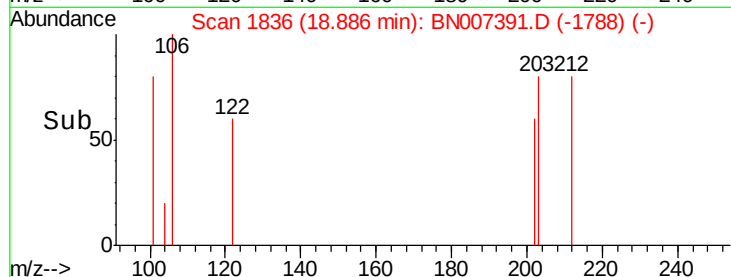
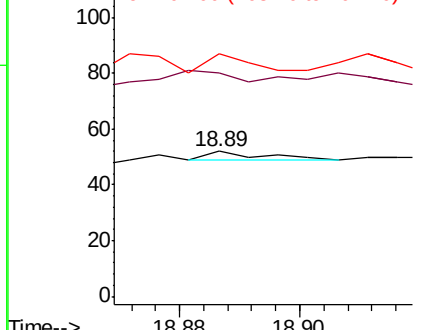
Tgt Ion:	212	Resp:	2
Ion	Ratio	Lower	Upper
212	100		
106	200.0	9.0	13.4#
104	200.0	5.4	8.2#



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: 0.086 ng

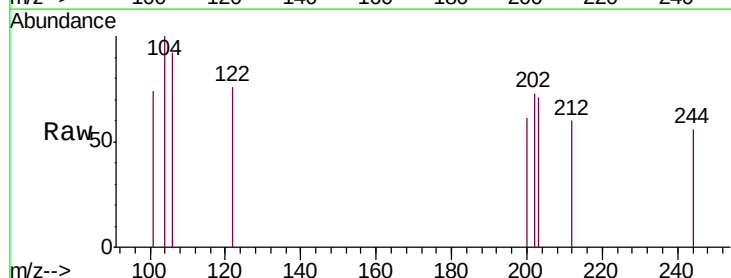
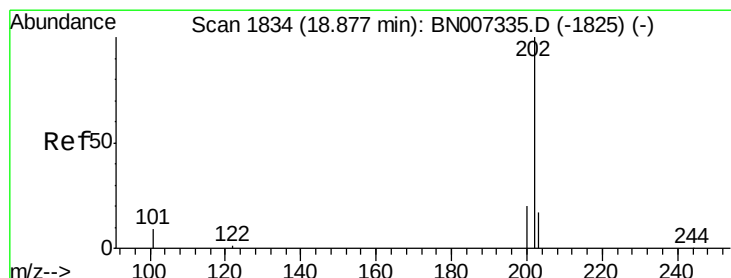
RT: 18.92 min Scan# 1842

Delta R.T. 0.04 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

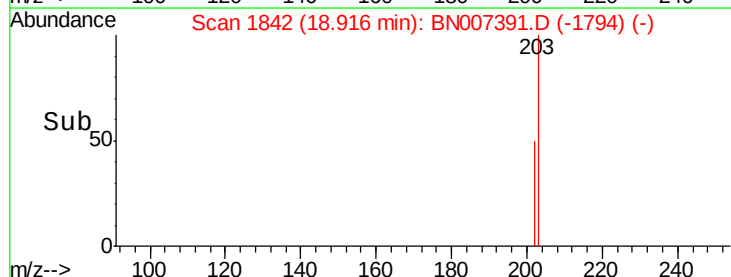
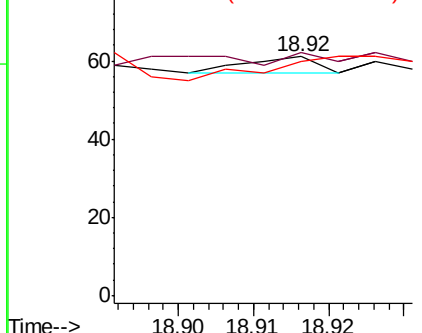
Tgt Ion:	202	Resp:	3
Ion	Ratio	Lower	Upper
202	100		
101	0.0	7.7	11.5#
203	600.0	13.7	20.5#

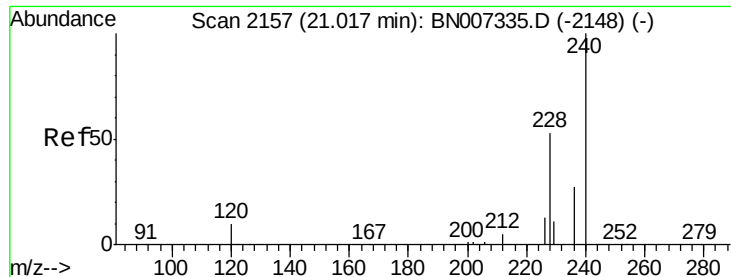


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.05 min Scan# 2160

Delta R.T. 0.03 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS

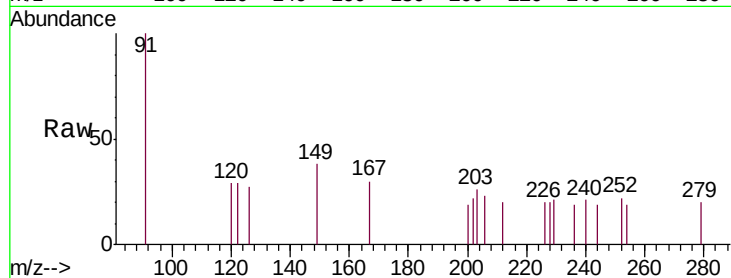
Tgt Ion:240 Resp: 13

Ion Ratio Lower Upper

240 100

120 138.6 9.6 14.4#

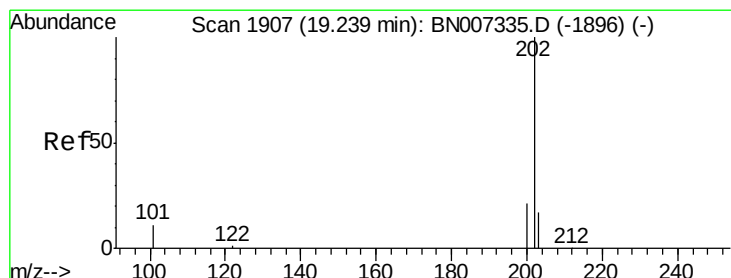
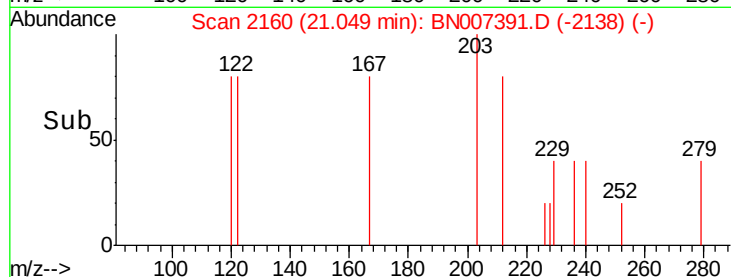
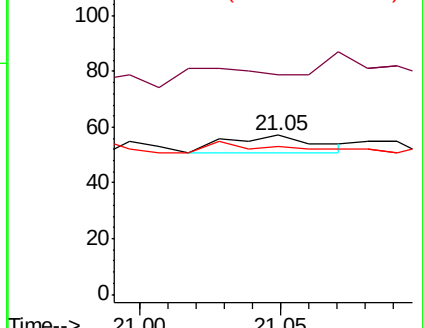
236 93.0 22.2 33.2#



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

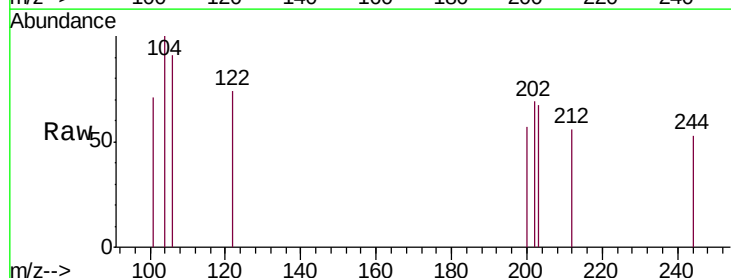
Tgt Ion:202 Resp: 5

Ion Ratio Lower Upper

202 100

200 0.0 16.6 25.0#

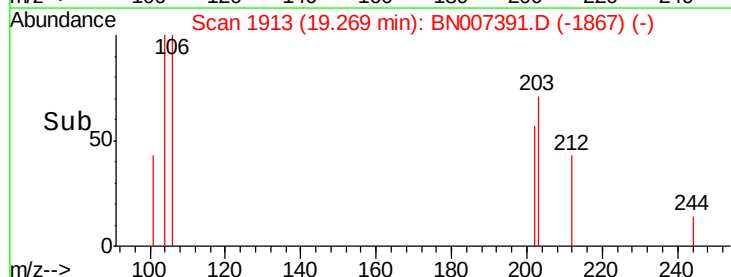
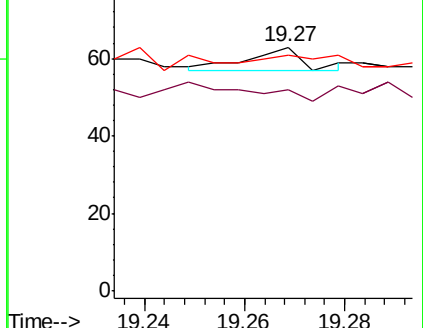
203 100.0 14.2 21.4#

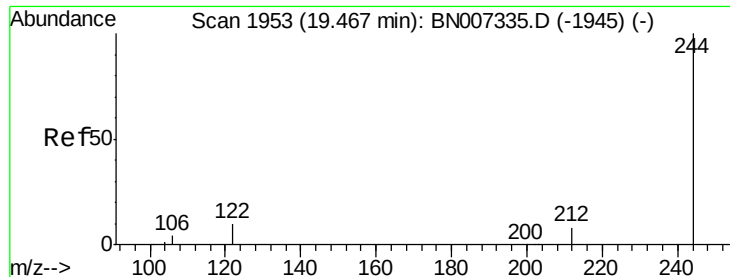


Abundance Ion 202.00 (201.70 to 202.70): E

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

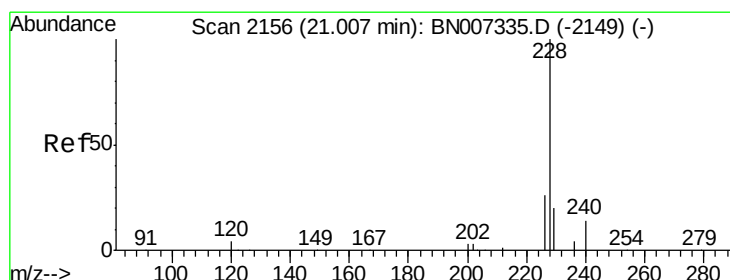
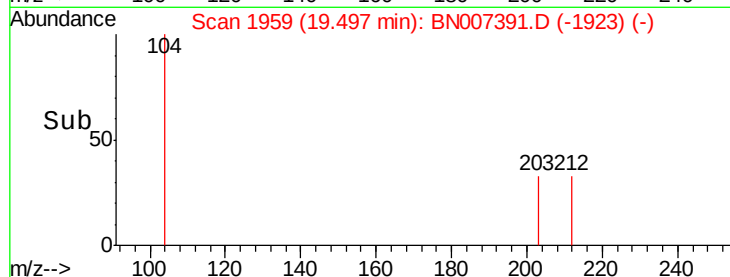
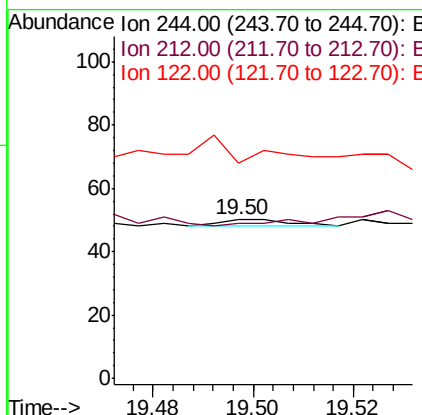
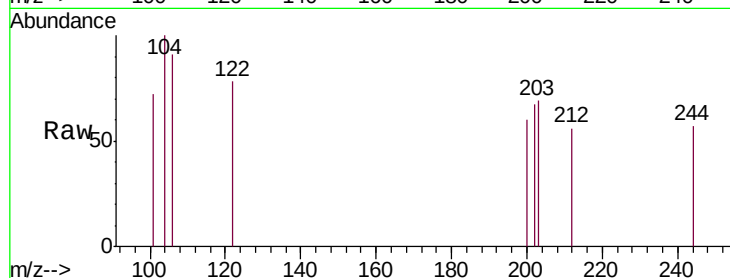
Instrument :

BNA_N

ClientSampleId :

PB122506BS

Tgt Ion:	244	Resp:	2
Ion	Ratio	Lower	Upper
244	100		
212	98.0	7.0	10.6#
122	136.0	9.6	14.4#



#30

Benzo(a)anthracene

Concen: 0.157 ng

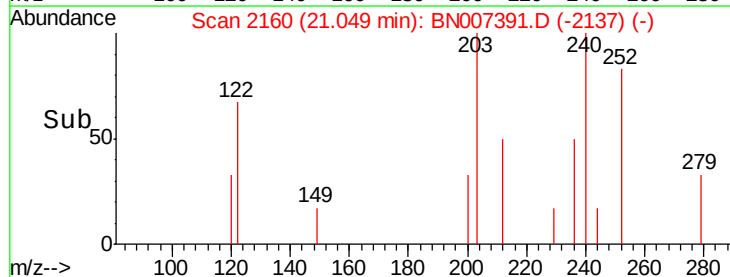
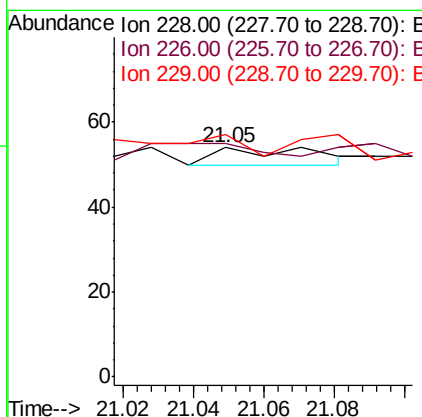
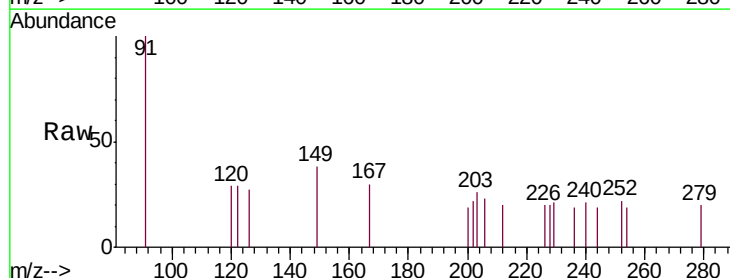
RT: 21.05 min Scan# 2160

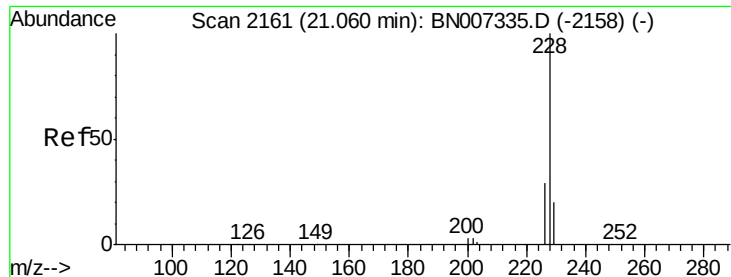
Delta R.T. 0.04 min

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#





#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

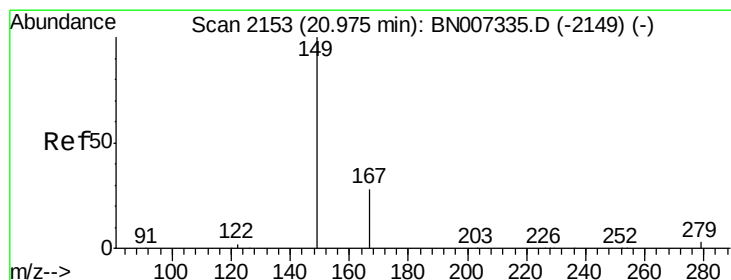
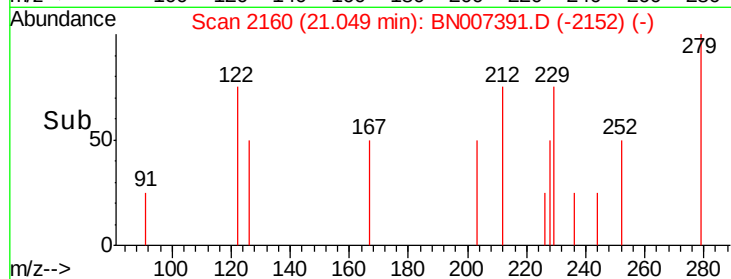
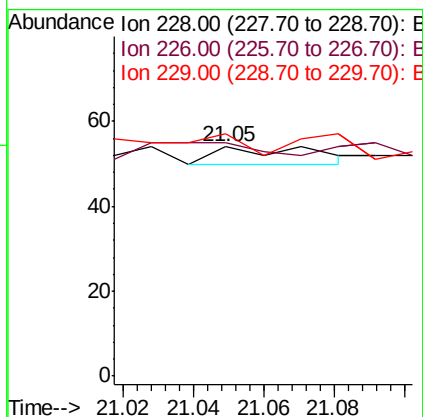
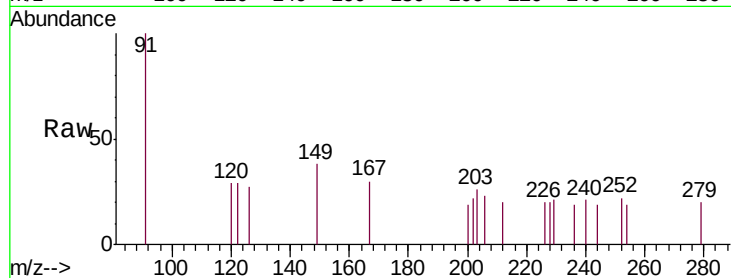
Tgt Ion:228 Resp: 8

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

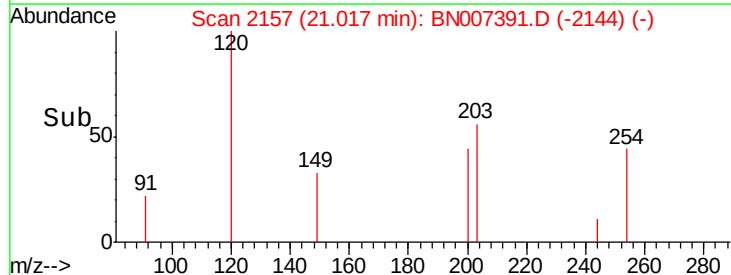
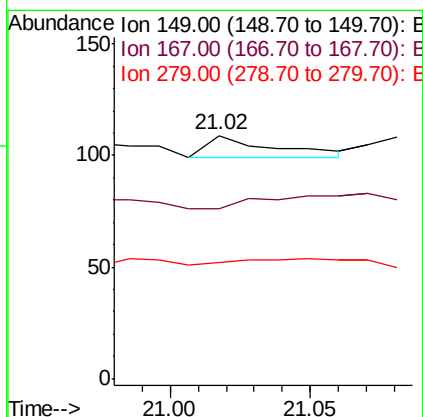
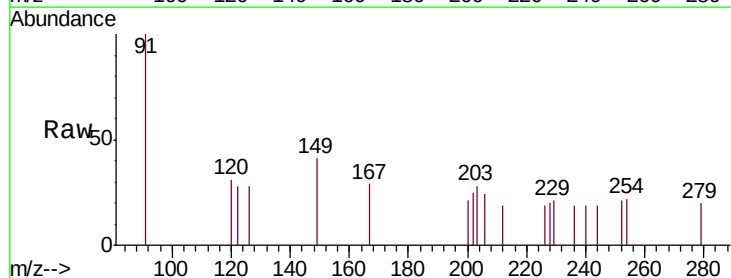
Tgt Ion:149 Resp: 17

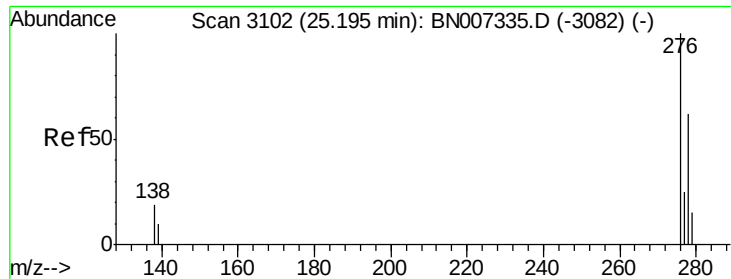
Ion Ratio Lower Upper

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

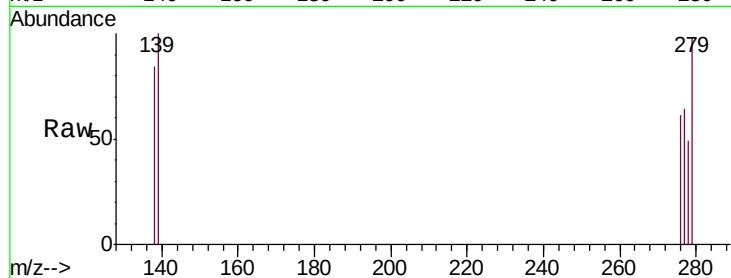
Tgt Ion: 276 Resp: 33

Ion Ratio Lower Upper

276 100

138 18.2 15.1 22.7

277 21.2 19.7 29.5



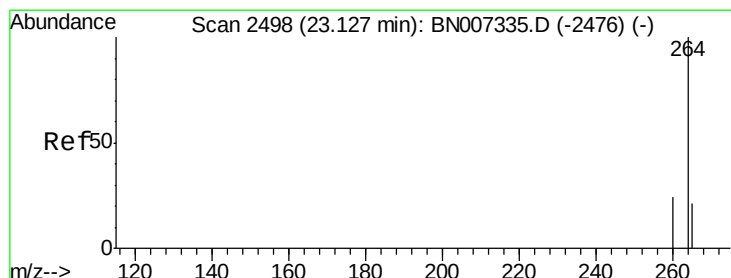
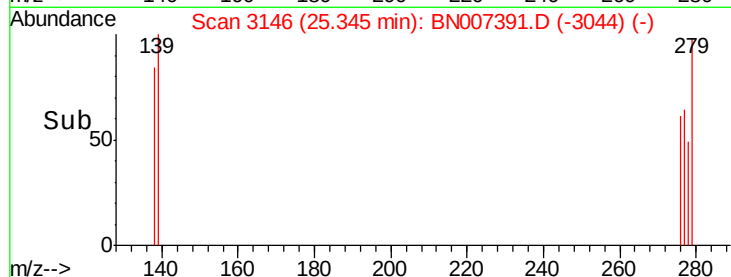
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.35

Time--> 25.30 25.32 25.34 25.36



#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

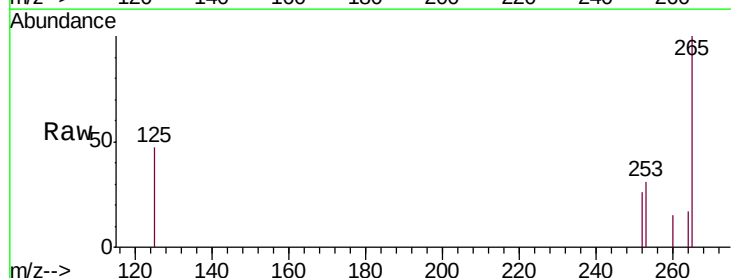
Tgt Ion: 264 Resp: 2

Ion Ratio Lower Upper

264 100

260 89.1 19.7 29.5#

265 590.6 29.9 44.9#



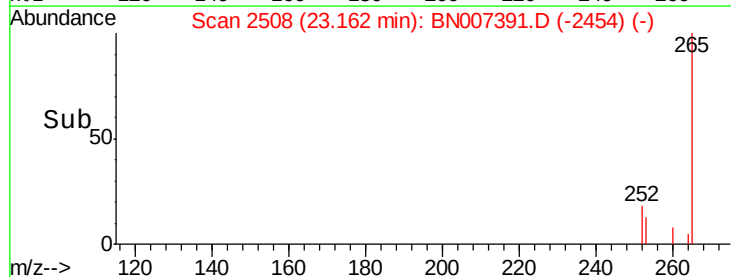
Abundance Ion 264.00 (263.70 to 264.70): E

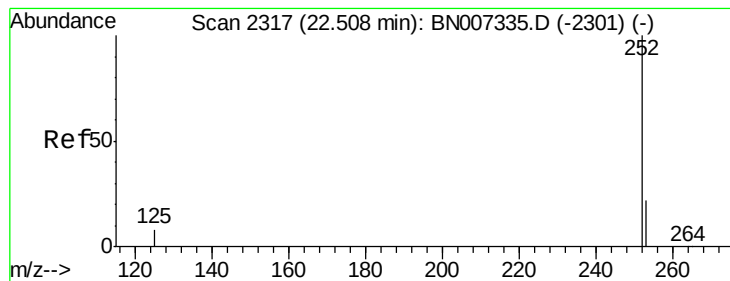
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.16

Time--> 23.15 23.16 23.17 23.18





#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

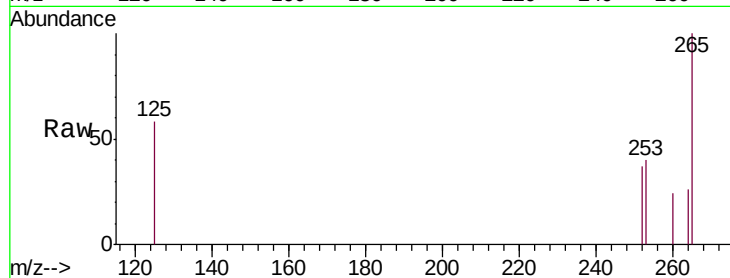
Instrument :

BNA_N

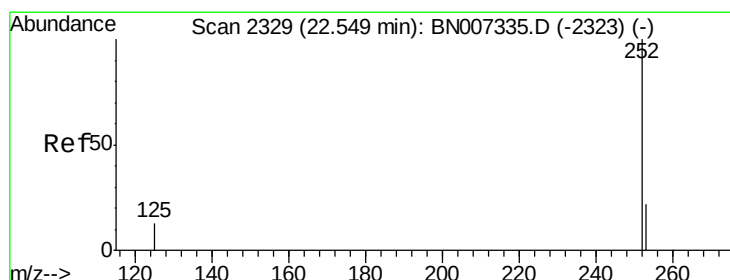
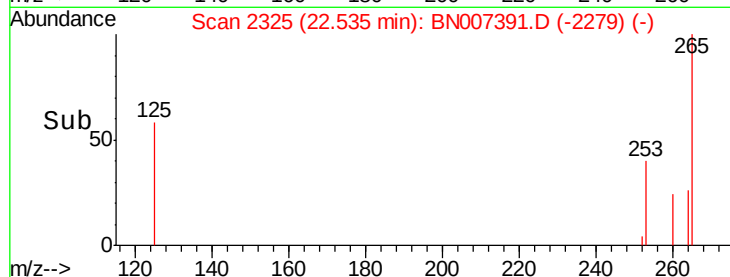
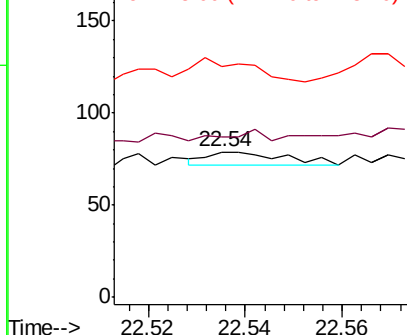
ClientSampleId :

PB122506BS

Tgt 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

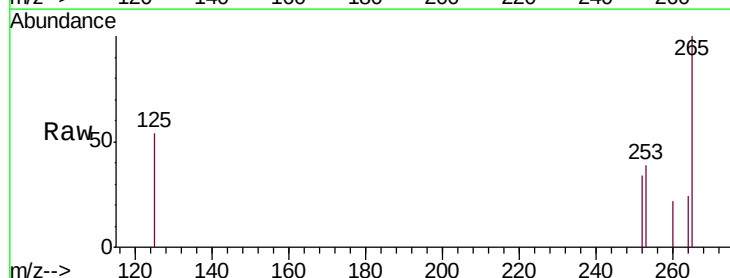
RT: 22.58 min Scan# 2338

Delta R.T. 0.03 min

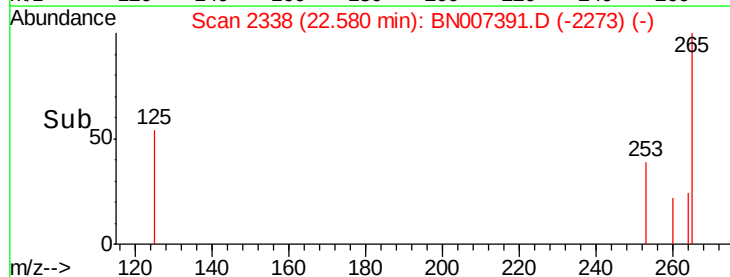
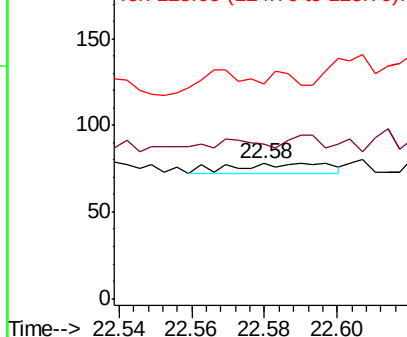
Lab File: BN007391.D

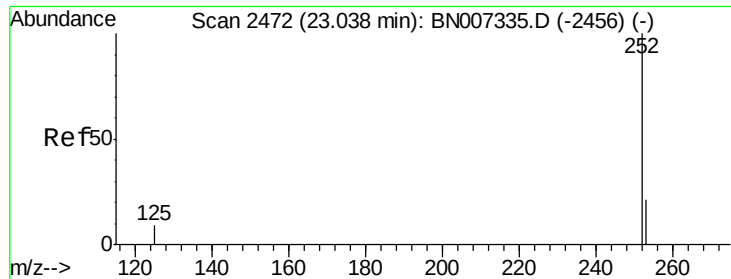
Acq: 25 Aug 2019 12:25

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

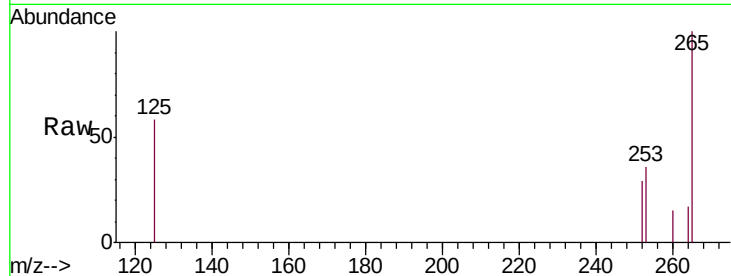
Instrument :

BNA_N

ClientSampleId :

PB122506BS

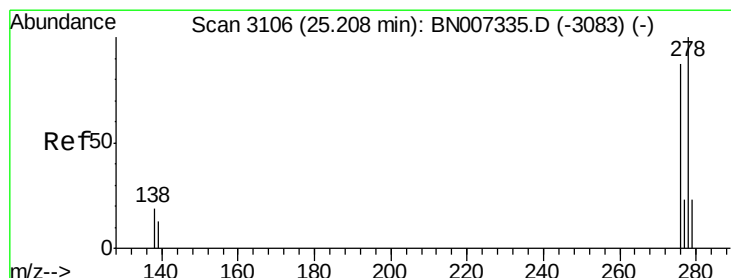
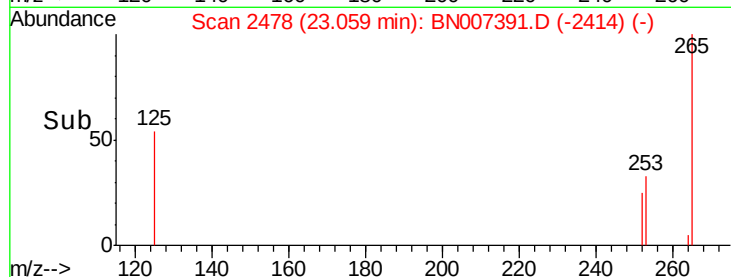
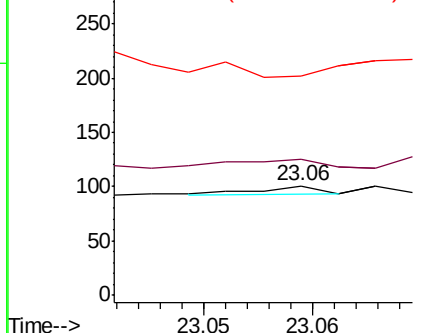
Tgt Ion:	252	Resp:	3
Ion	Ratio	Lower	Upper
252	100		
253	123.8	19.5	29.3#
125	200.0	12.1	18.1#



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

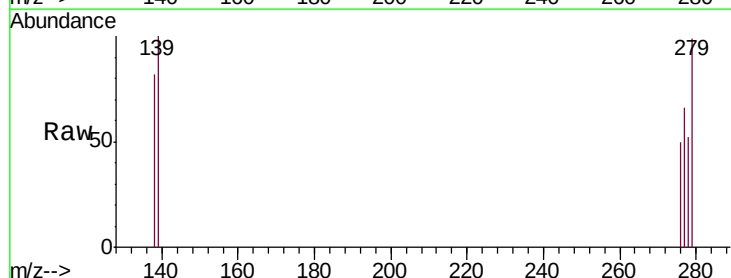
RT: 25.24 min Scan# 3116

Delta R.T. 0.03 min

Lab File: BN007391.D

Acq: 25 Aug 2019 12:25

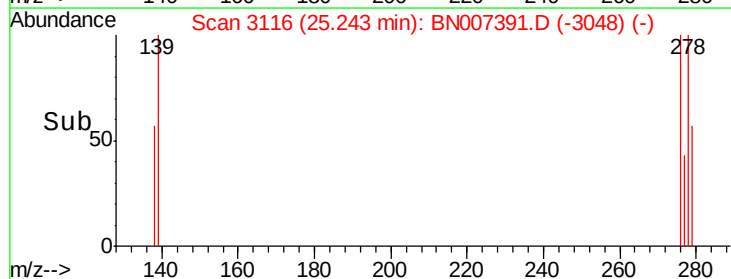
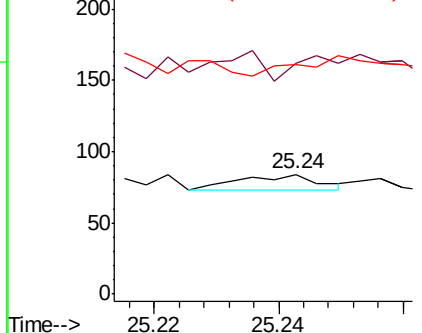
Tgt Ion:	278	Resp:	10
Ion	Ratio	Lower	Upper
278	100		
139	192.9	13.7	20.5#
279	191.7	20.2	30.4#

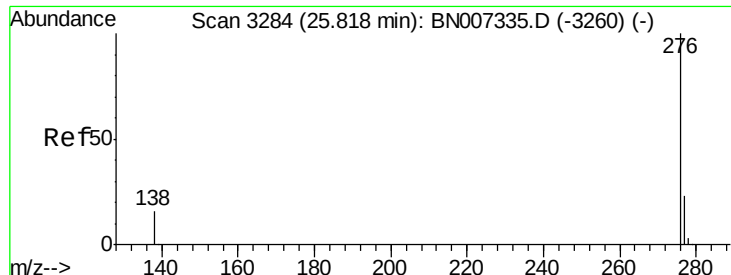


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.583 ng

RT: 25.84 min Scan# 3291

Delta R.T. 0.02 min

Lab File: BN007391.D

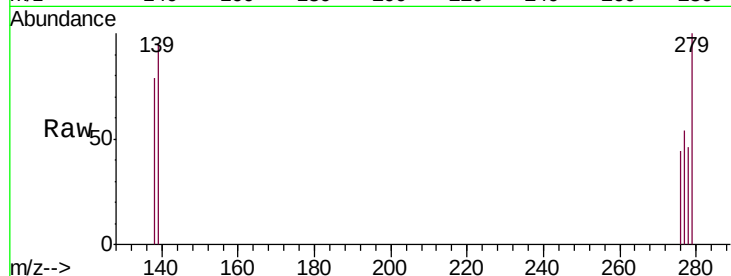
Acq: 25 Aug 2019 12:25

Instrument :

BNA_N

ClientSampleId :

PB122506BS



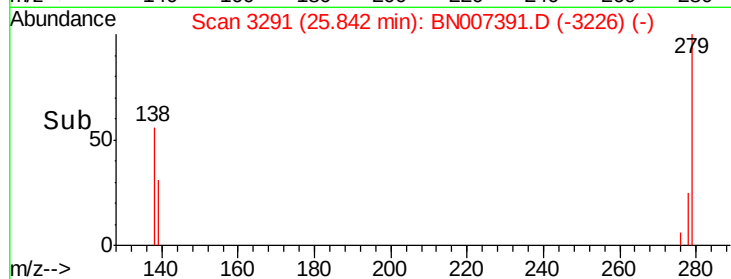
Tgt Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

277 122.6 19.6 29.4#

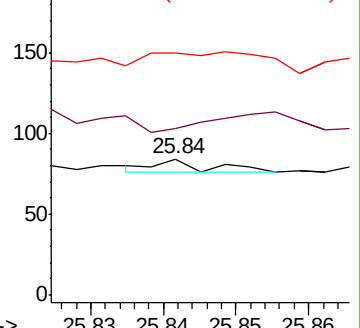
138 178.6 16.3 24.5#



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



Time-->