

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
 Data File : BN007523.D
 Acq On : 30 Aug 2019 14:50
 Operator : HP/JU
 Sample : PB122692BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Quant Time: Aug 31 01:59:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5566	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	23857	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	14740	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	36525	0.40	ng	0.00
27) Chrysene-d12	21.02	240	36522	0.40	ng	0.00
34) Perylene-d12	23.11	264	33924	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	6278	0.32	ng	0.00
5) Phenol-d6	6.59	99	8120	0.32	ng	0.00
8) Nitrobenzene-d5	8.53	82	5788	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	15393	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	2476	0.32	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	19504	0.33	ng	0.00
25) Fluoranthene-d10	18.83	212	40437	0.34	ng	-0.01
29) Terphenyl-d14	19.46	244	32213	0.34	ng	-0.01

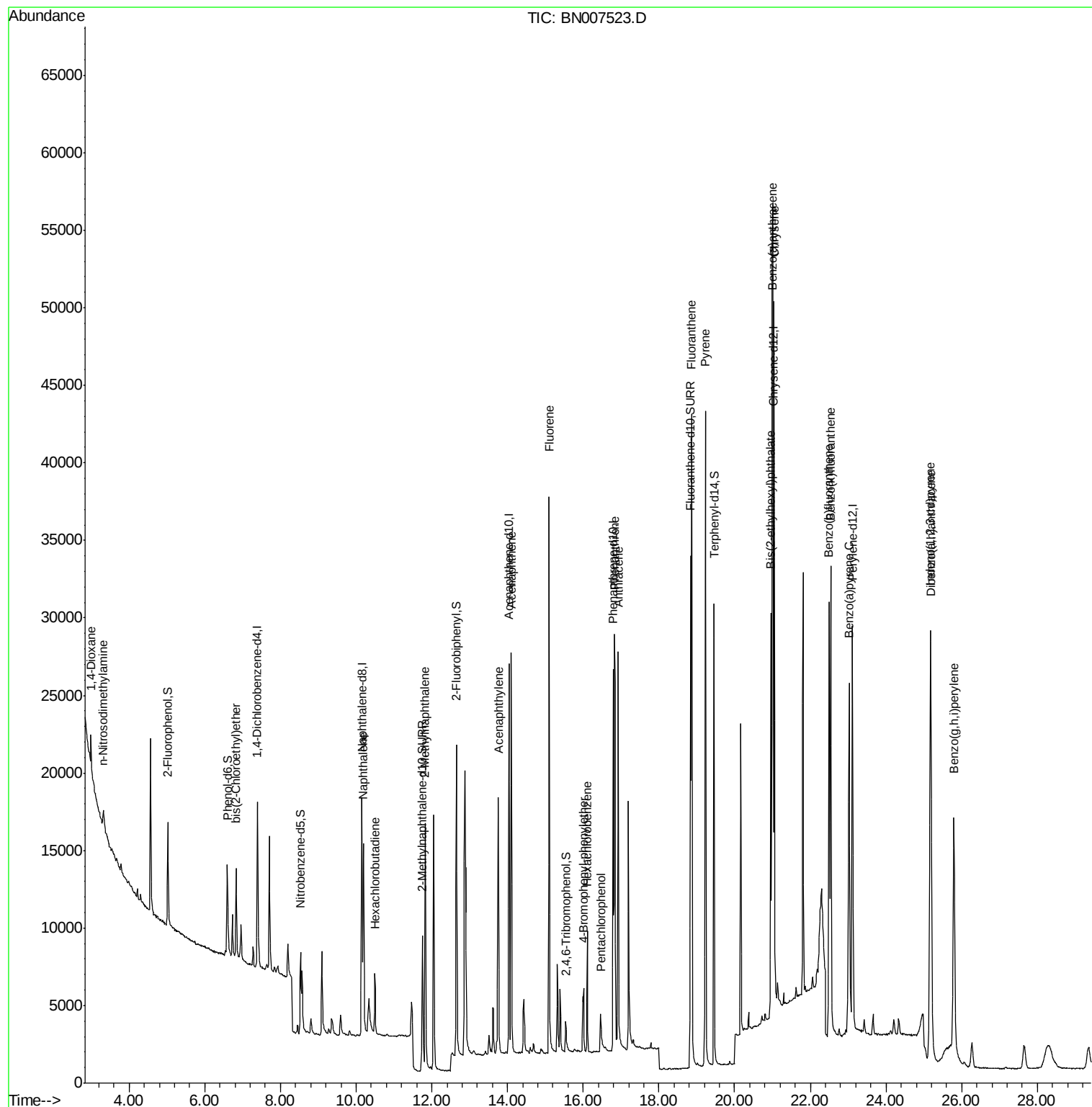
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.99	88	1851	0.200	ng	# 39
3) n-Nitrosodimethylamine	3.32	42	917	0.213	ng	# 64
6) bis(2-Chloroethyl)ether	6.83	93	5503	0.274	ng	94
9) Naphthalene	10.19	128	18587	0.273	ng	# 91
10) Hexachlorobutadiene	10.49	225	3361	0.241	ng	# 99
12) 2-Methylnaphthalene	11.82	142	13262	0.286	ng	98
16) Acenaphthylene	13.76	152	21554	0.247	ng	99
17) Acenaphthene	14.10	154	13475	0.264	ng	99
18) Fluorene	15.09	166	18152	0.281	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1641	0.114	ng	# 86
21) Hexachlorobenzene	16.10	284	6349	0.259	ng	95
22) Pentachlorophenol	16.46	266	2811	0.370	ng	# 65
23) Phenanthrene	16.83	178	30626	0.279	ng	99
24) Anthracene	16.92	178	29159	0.264	ng	99
26) Fluoranthene	18.86	202	39612	0.281	ng	99
28) Pyrene	19.23	202	40407	0.275	ng	99
30) Benzo(a)anthracene	20.99	228	37387	0.261	ng	99
31) Chrysene	21.05	228	37219	0.269	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	22011	0.218	ng	99
33) Indeno(1,2,3-cd)pyrene	25.17	276	36137	0.217	ng	98
35) Benzo(b)fluoranthene	22.50	252	34805	0.283	ng	98
36) Benzo(k)fluoranthene	22.54	252	36620	0.301	ng	99
37) Benzo(a)pyrene	23.02	252	32661	0.279	ng	97
38) Dibenzo(a,h)anthracene	25.19	278	29218	0.250	ng	98
39) Benzo(g,h,i)perylene	25.80	276	30452	0.262	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
Data File : BN007523.D
Acq On : 30 Aug 2019 14:50
Operator : HP/JU
Sample : PB122692BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Quant Time: Aug 31 01:59:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



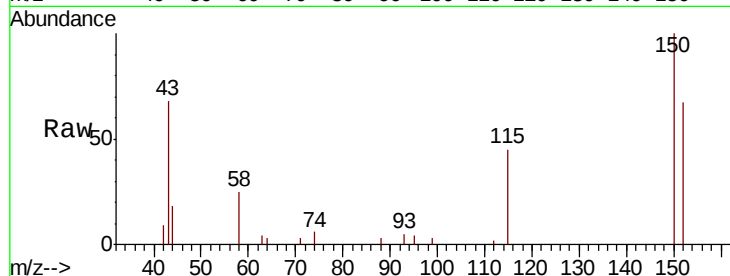


#1

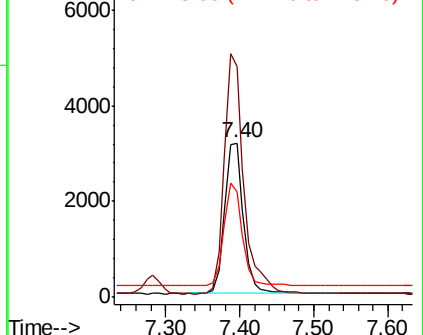
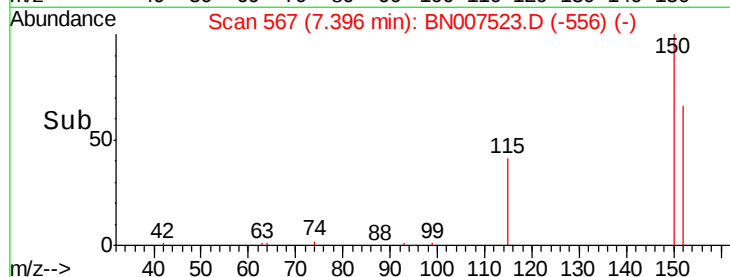
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.40 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BN007523.D
 Acq: 30 Aug 2019 14:50

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Tot Ion:152 Resp: 5566
 Ion Ratio Lower Upper
 152 100
 150 149.8 109.1 163.7
 115 68.1 59.6 89.4



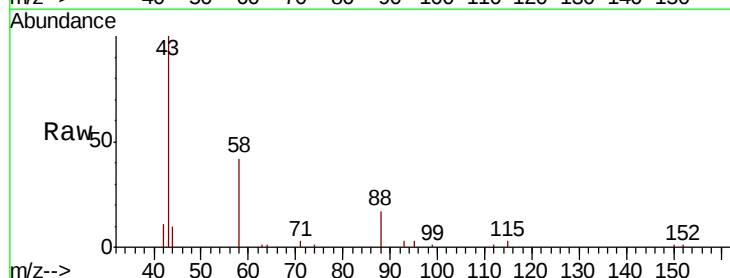
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



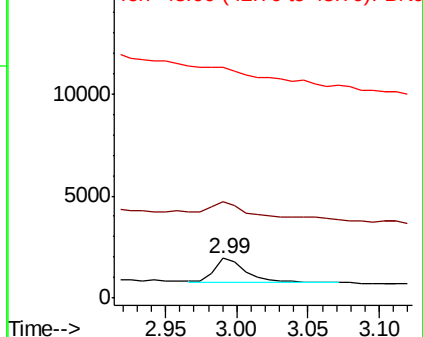
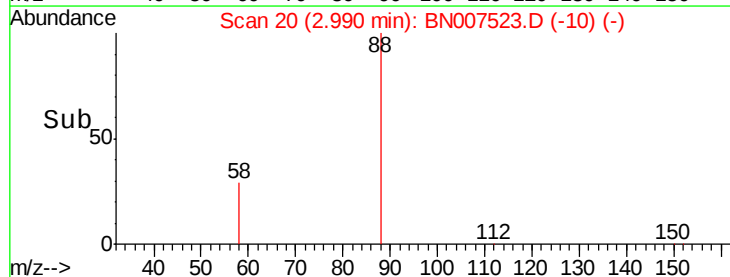
#2

1,4-Dioxane
 Concen: 0.200 ng
 RT: 2.99 min Scan# 20
 Delta R.T. -0.02 min
 Lab File: BN007523.D
 Acq: 30 Aug 2019 14:50

Tgt Ion: 88 Resp: 1851
 Ion Ratio Lower Upper
 88 100
 58 110.5 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: 0.213 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

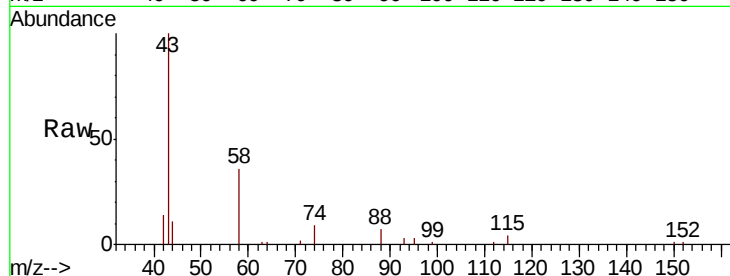
Tot Ion: 42 Resp: 917

Ion Ratio Lower Upper

42 100

74 233.2 144.7 217.1#

44 0.0 3.2 4.8#

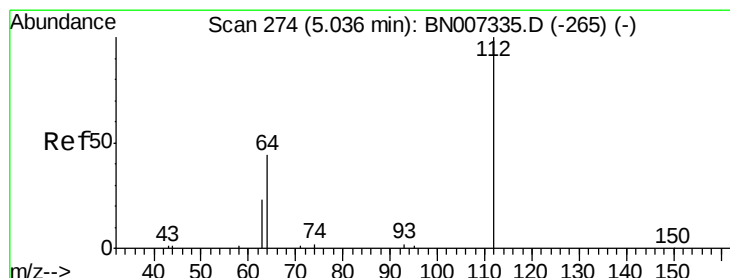
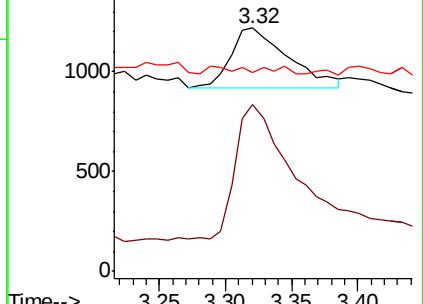
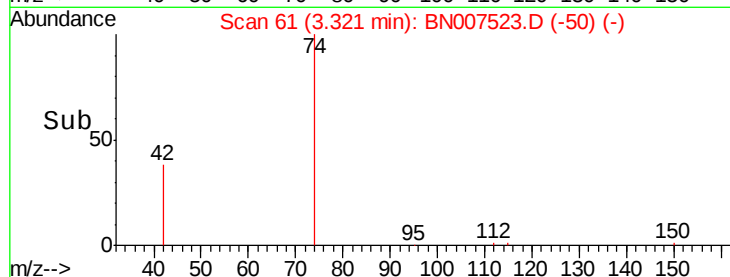


Abundance Ion 42.00 (41.70 to 42.70): BN007335.D (-57) (-)

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

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

Time-->



#4

2-Fluorophenol

Concen: 0.319 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

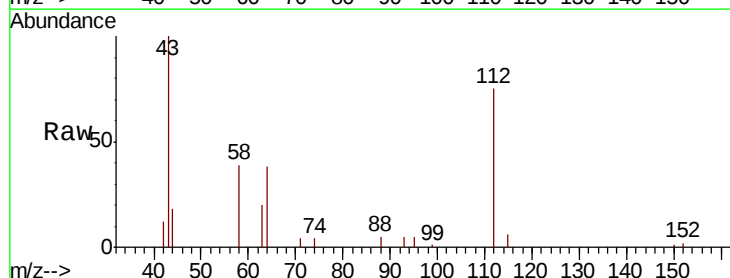
Tgt Ion: 112 Resp: 6278

Ion Ratio Lower Upper

112 100

64 55.3 42.3 63.5

63 28.2 23.6 35.4

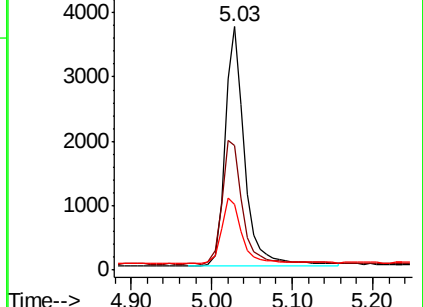
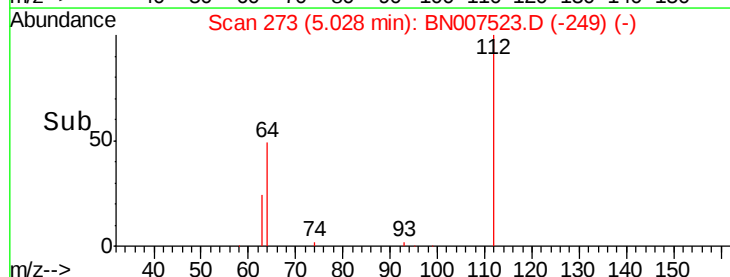


Abundance Ion 112.00 (111.70 to 112.70): BN007335.D (-265) (-)

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

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

Time-->





#5

Phenol-d6

Concen: 0.325 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

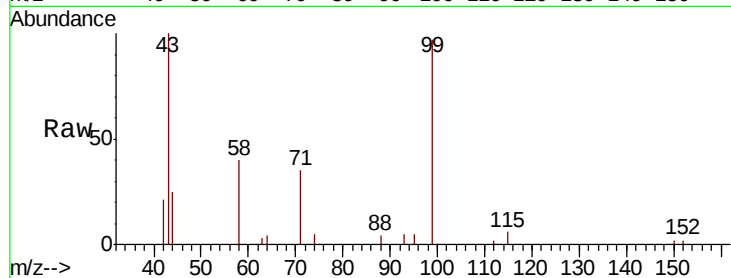
Tot Ion: 99 Resp: 8120

Ion Ratio Lower Upper

99 100

42 11.8 11.2 16.8

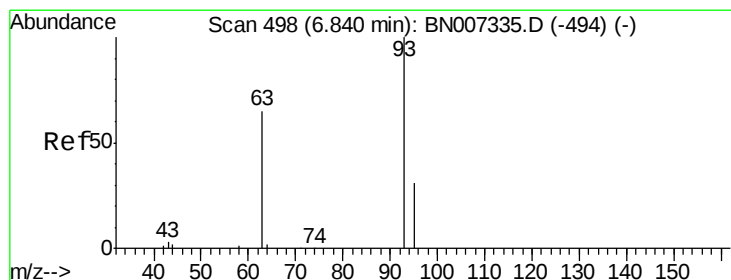
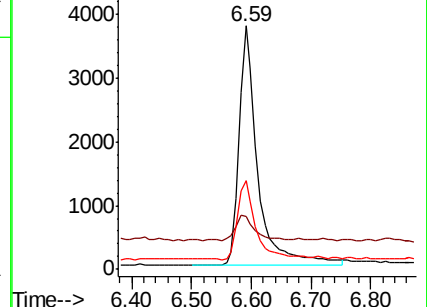
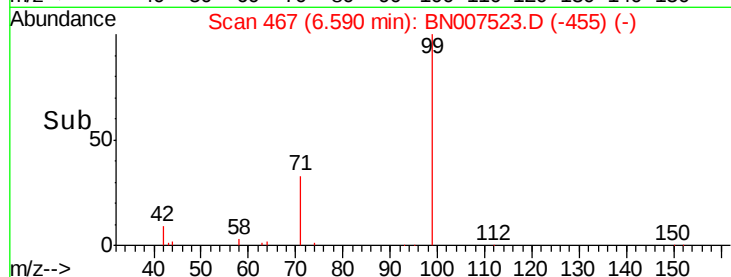
71 33.2 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007523.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007523.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007523.D (-455) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.274 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

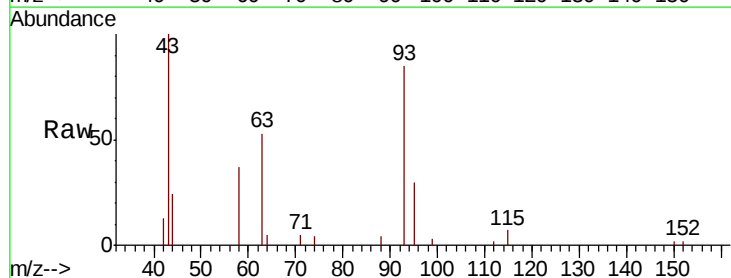
Tgt Ion: 93 Resp: 5503

Ion Ratio Lower Upper

93 100

63 60.0 51.9 77.9

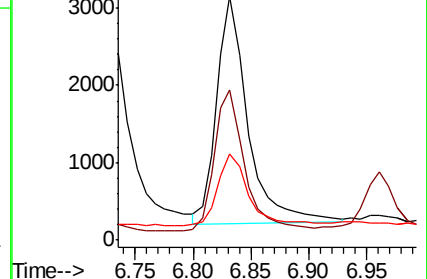
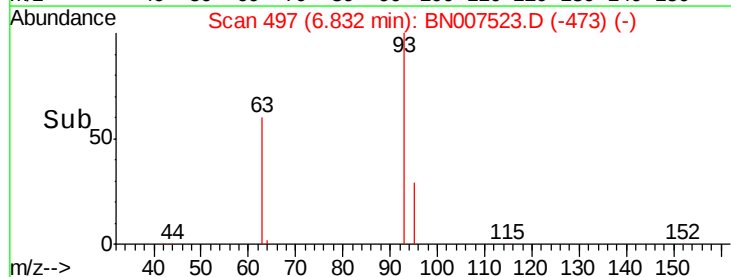
95 31.6 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007523.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN007523.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007523.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

Tot Ion:136 Resp: 23857

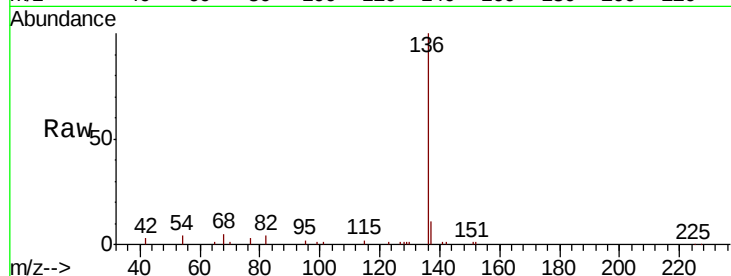
Ion Ratio Lower Upper

136 100

137 11.4 12.9 19.3#

54 3.9 8.6 12.8#

68 5.5 17.0 25.4#

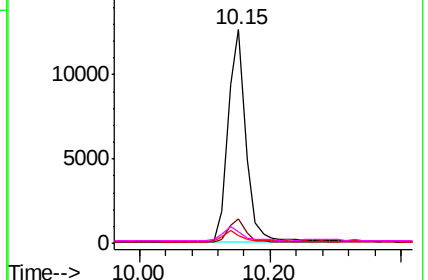
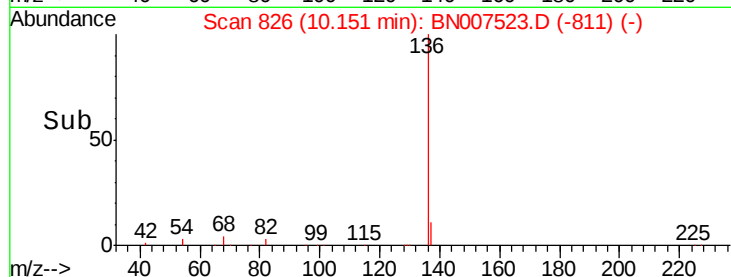


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.279 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

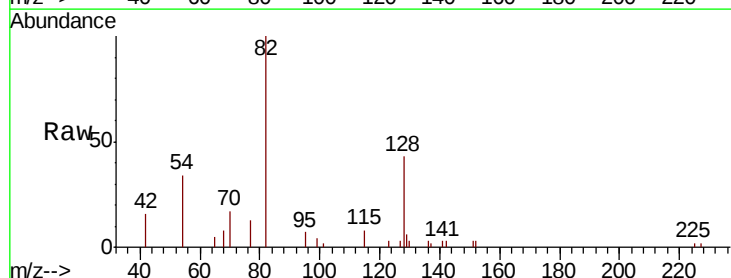
Tgt Ion: 82 Resp: 5788

Ion Ratio Lower Upper

82 100

128 42.6 19.7 29.5#

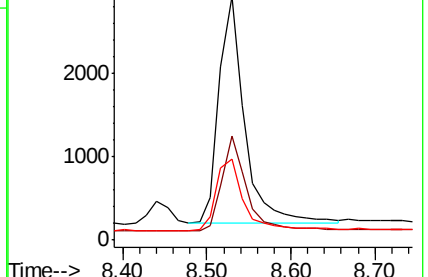
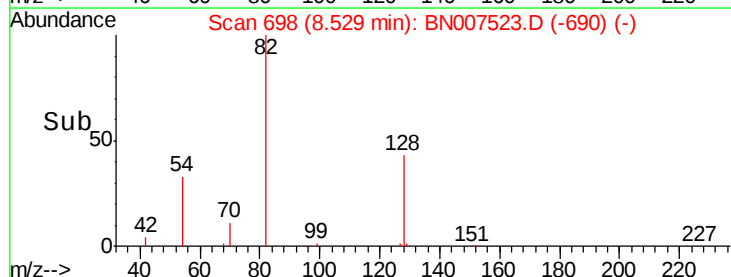
54 33.6 25.8 38.6



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: 0.273 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

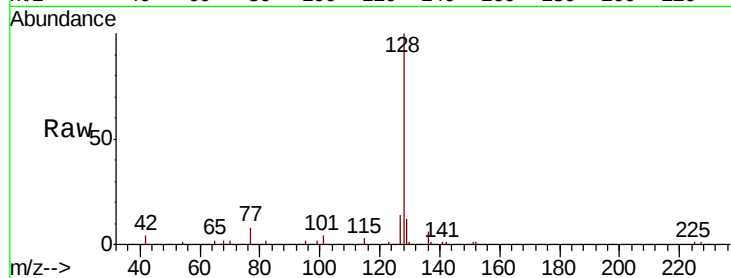
Tot Ion:128 Resp: 18587

Ion Ratio Lower Upper

128 100

129 12.2 11.1 16.7

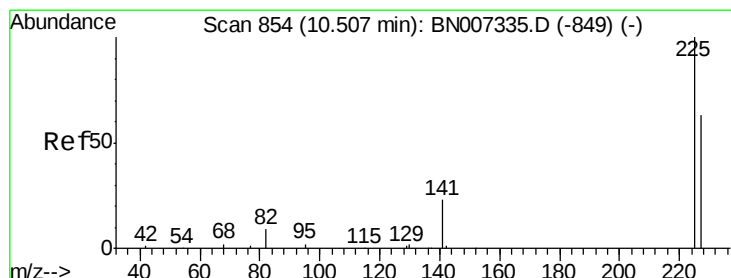
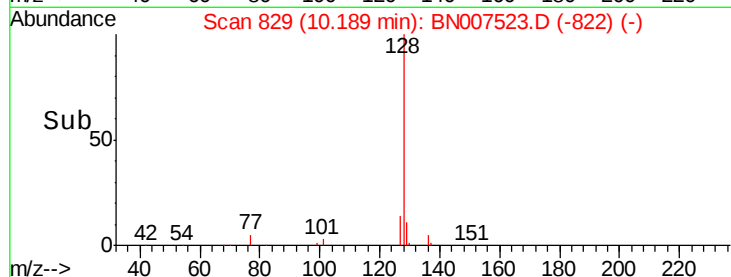
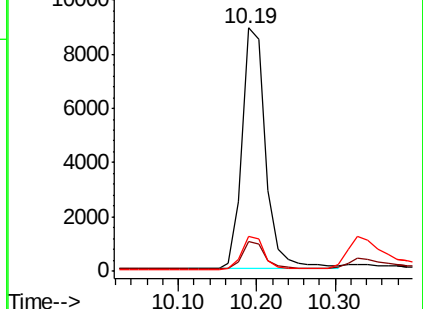
127 14.1 15.5 23.3#



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: 0.241 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

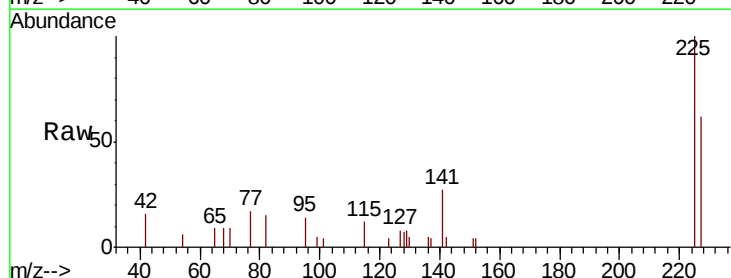
Tgt Ion:225 Resp: 3361

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

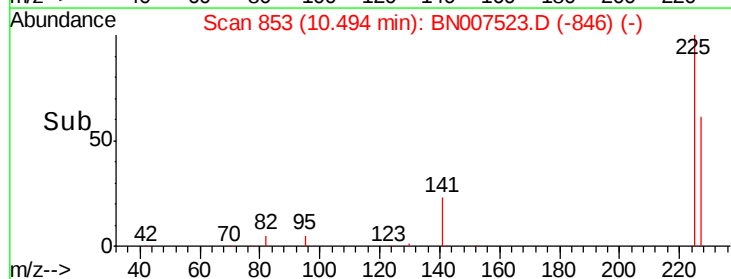
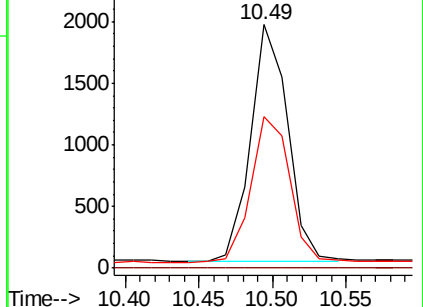
227 64.1 50.7 76.1

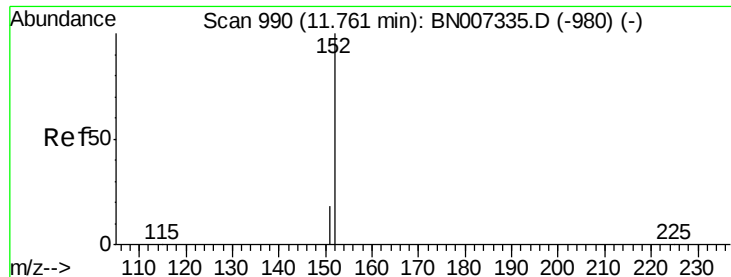


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

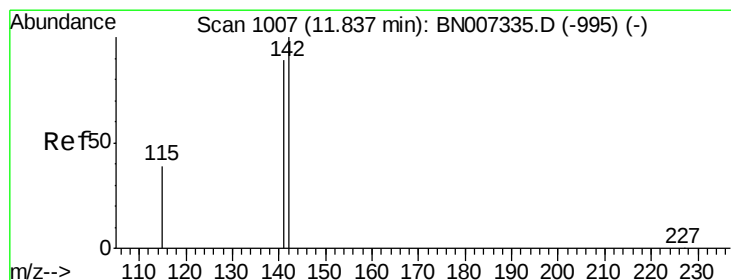
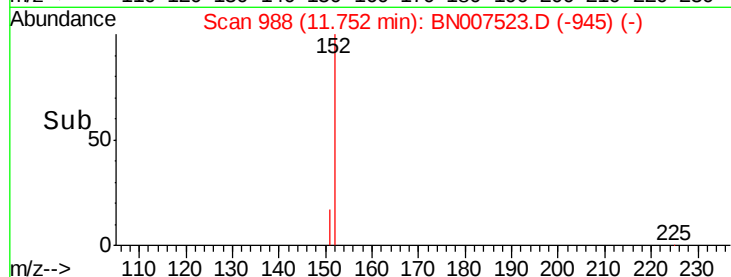
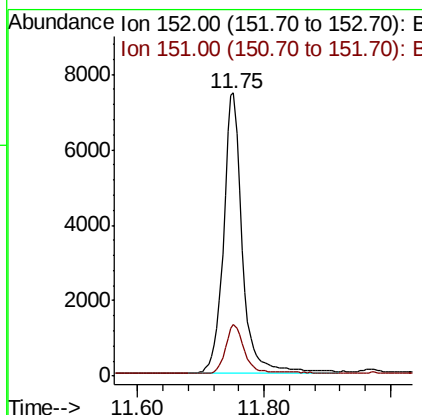
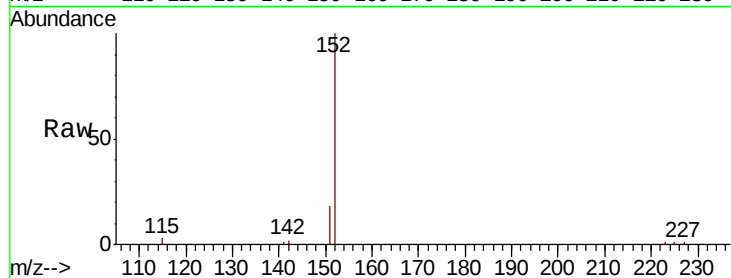




#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 11.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BN007523.D
 Acq: 30 Aug 2019 14:50

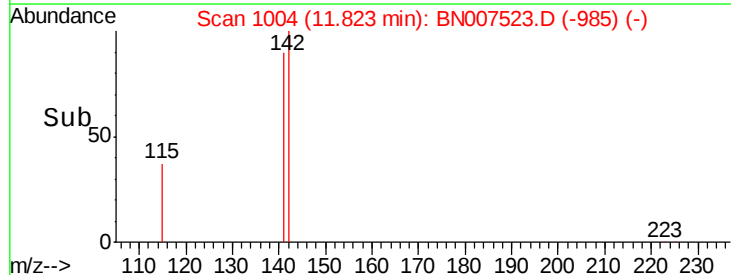
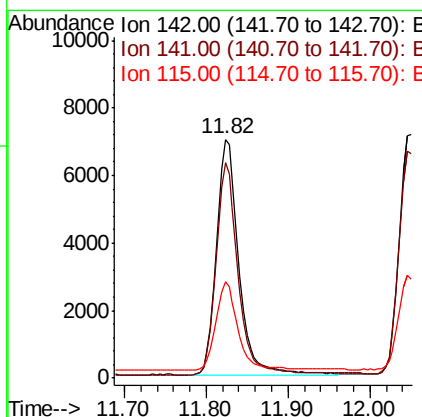
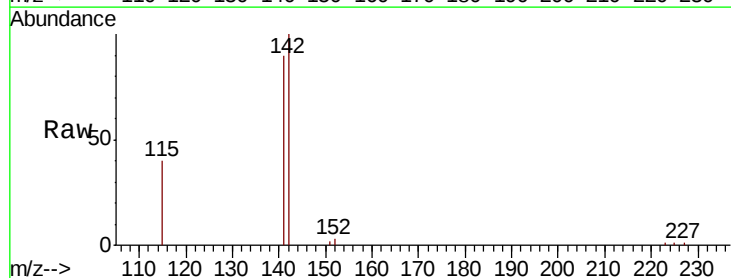
Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Tot Ion:152 Resp: 15393
 Ion Ratio Lower Upper
 152 100
 151 16.8 16.2 24.2



#12
 2-Methylnaphthalene
 Concen: 0.286 ng
 RT: 11.82 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BN007523.D
 Acq: 30 Aug 2019 14:50

Tgt Ion:142 Resp: 13262
 Ion Ratio Lower Upper
 142 100
 141 90.2 72.8 109.2
 115 40.3 35.2 52.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

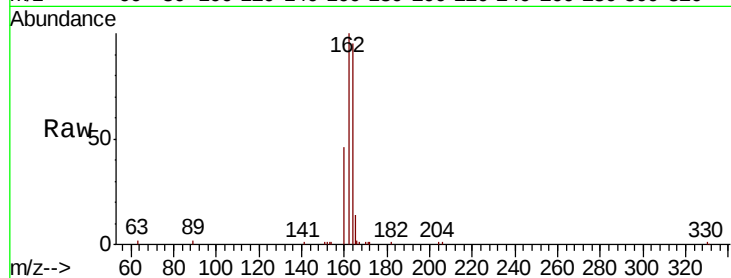
Tot Ion:164 Resp: 14740

Ion Ratio Lower Upper

164 100

162 104.9 83.5 125.3

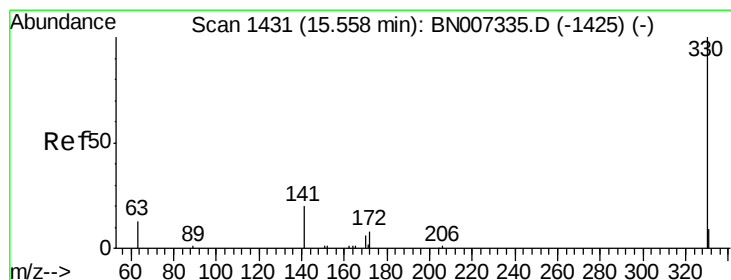
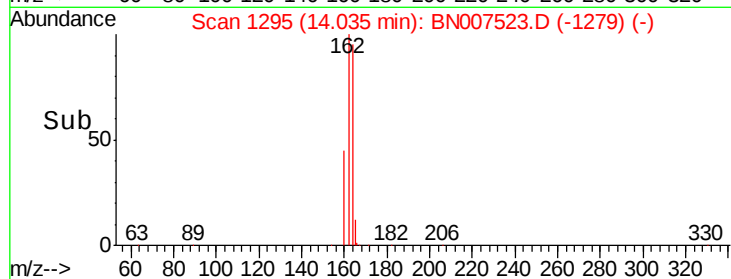
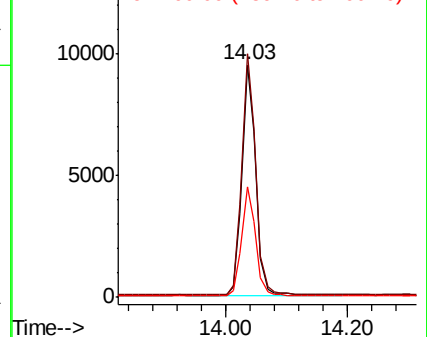
160 47.8 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.321 ng

RT: 15.54 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

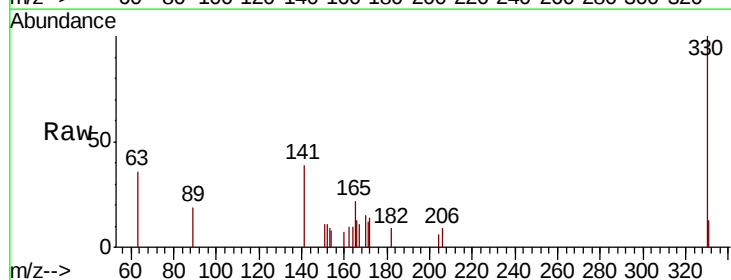
Tgt Ion:330 Resp: 2476

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

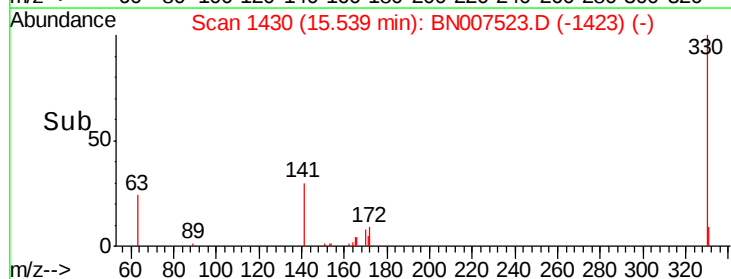
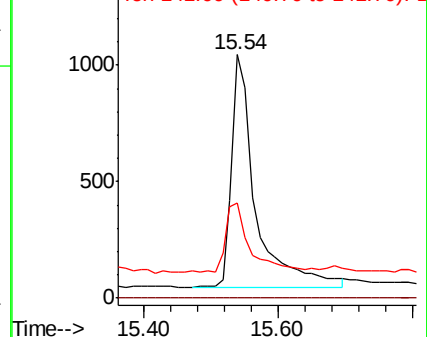
141 30.1 26.9 40.3

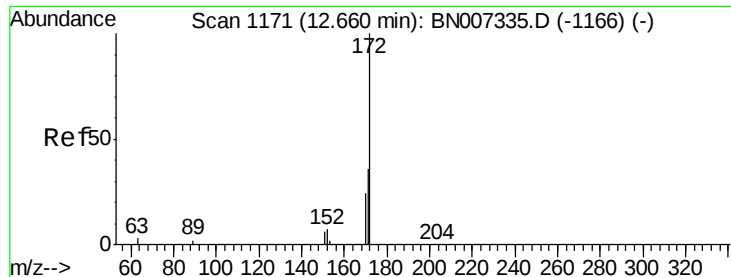


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

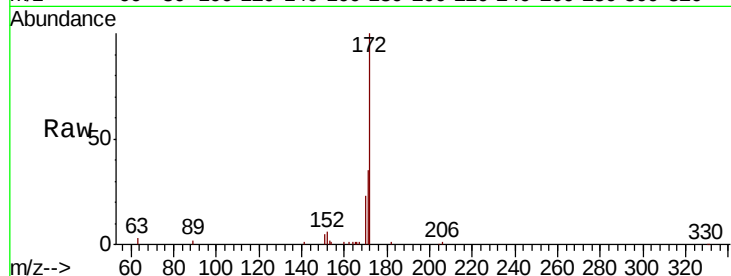




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007523.D
Acq: 30 Aug 2019 14:50

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.3	45.5
170	23.2	20.7	31.1

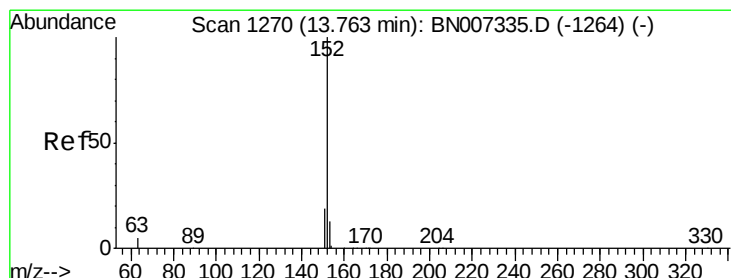
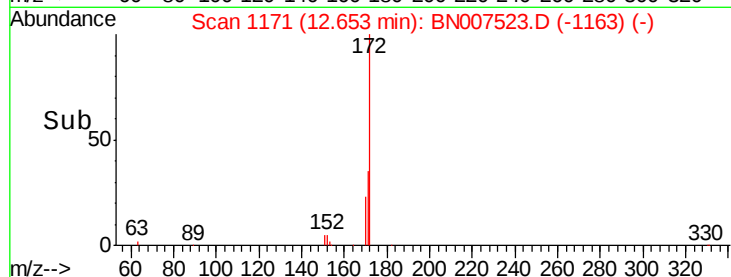
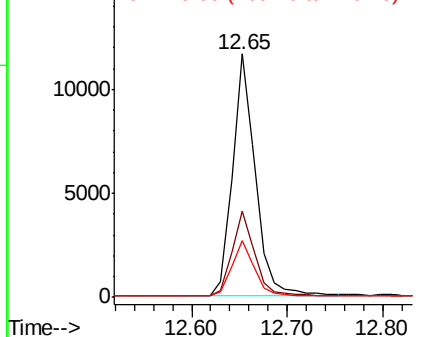


Abundance

Ion 172.00 (171.70 to 172.70): E

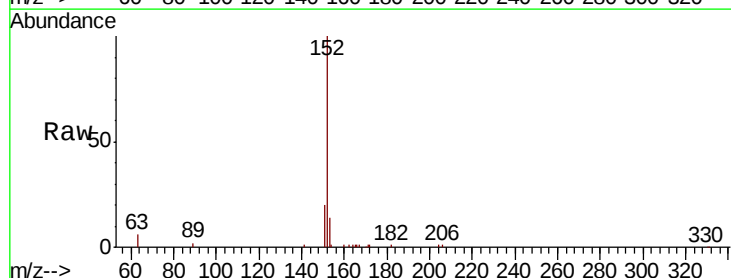
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.247 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007523.D
Acq: 30 Aug 2019 14:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.2	10.6	15.8

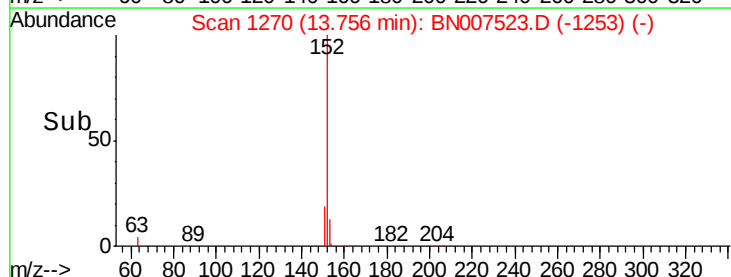
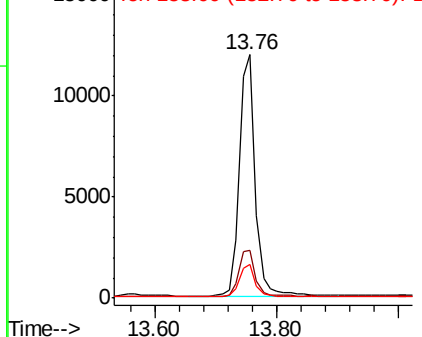


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.264 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

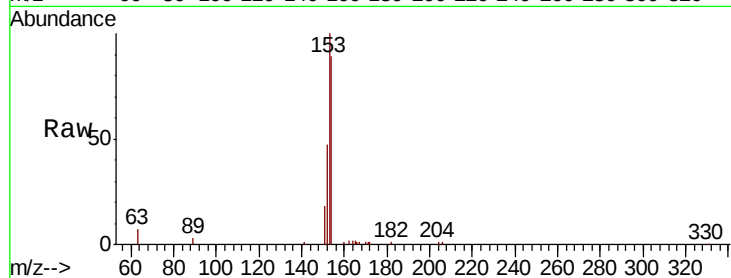
Tot Ion:154 Resp: 13475

Ion Ratio Lower Upper

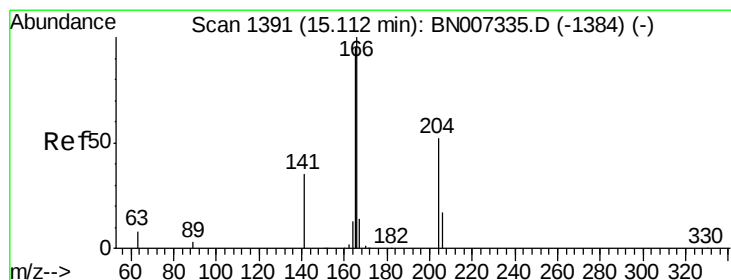
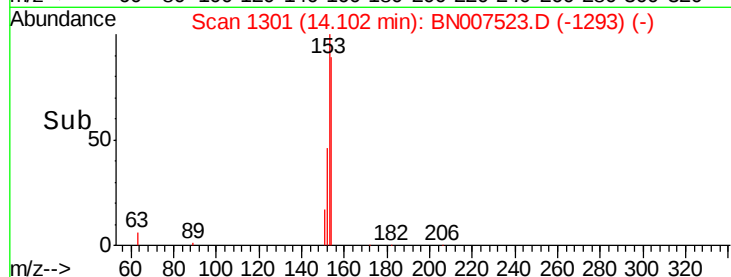
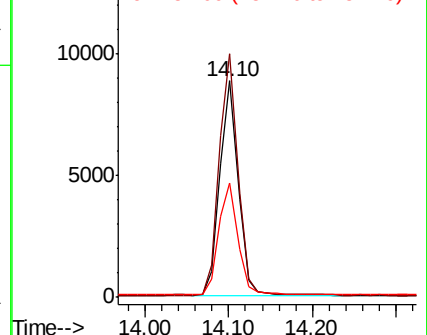
154 100

153 114.4 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: 0.281 ng

RT: 15.09 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

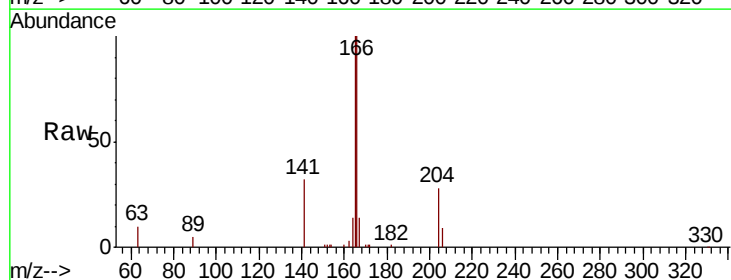
Tgt Ion:166 Resp: 18152

Ion Ratio Lower Upper

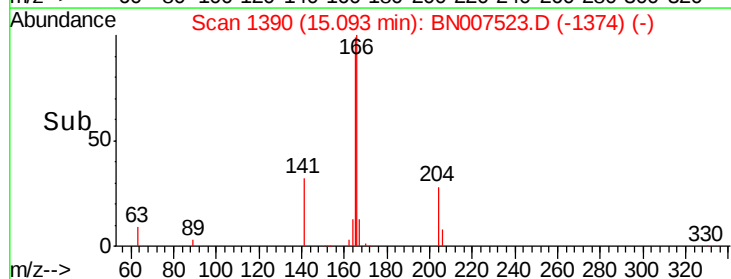
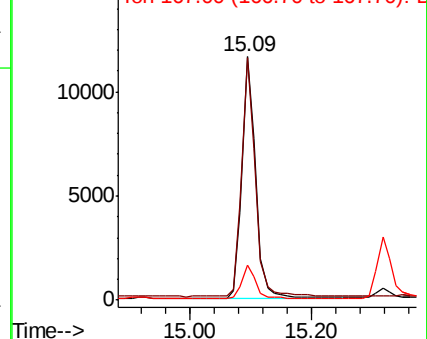
166 100

165 98.1 79.0 118.4

167 13.6 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

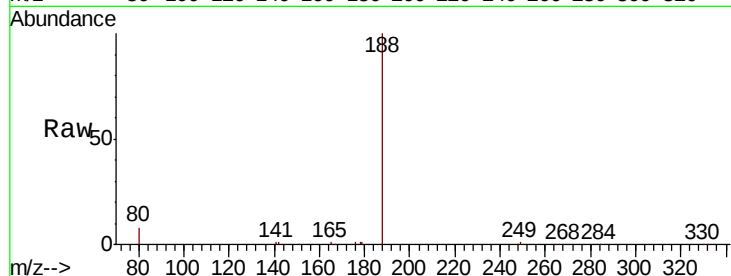
Tot Ion:188 Resp: 36525

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

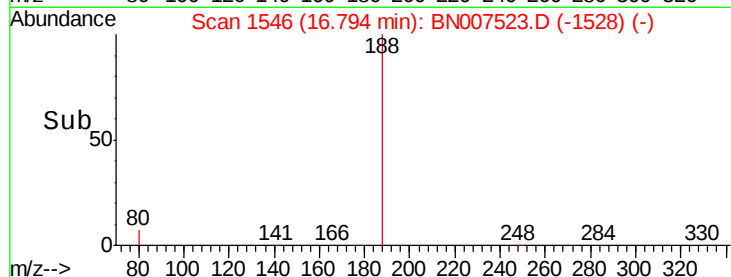
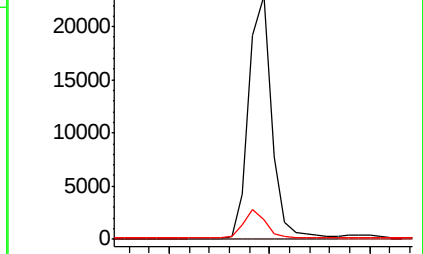
80 8.1 11.8 17.8#



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: 0.114 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

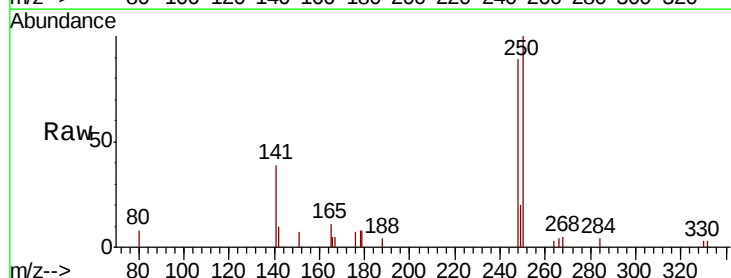
Tgt Ion:248 Resp: 1641

Ion Ratio Lower Upper

248 100

250 112.4 85.0 127.6

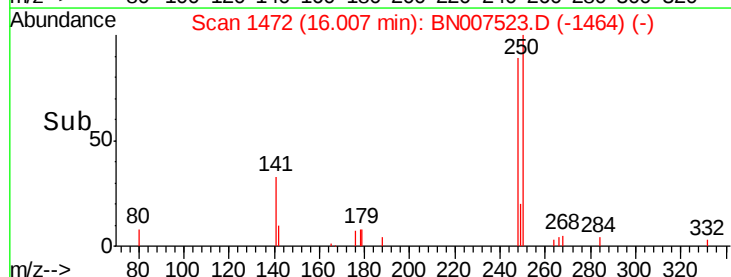
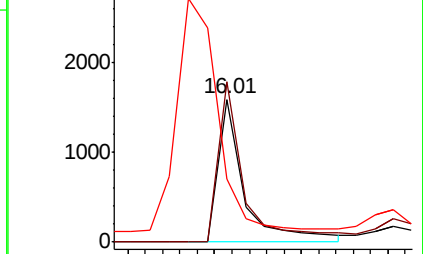
141 44.0 51.7 77.5#



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: 0.259 ng

RT: 16.10 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

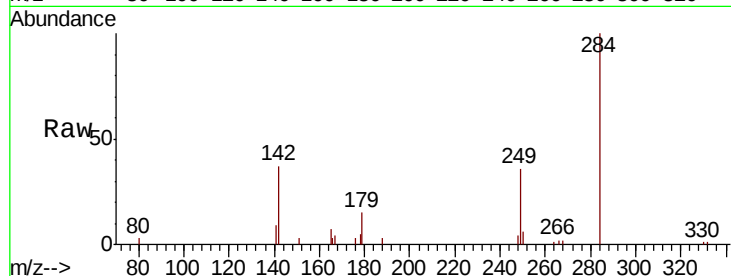
Tot Ion:284 Resp: 6349

Ion Ratio Lower Upper

284 100

142 32.2 29.0 43.6

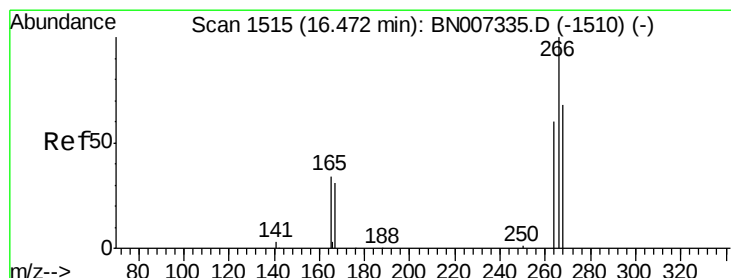
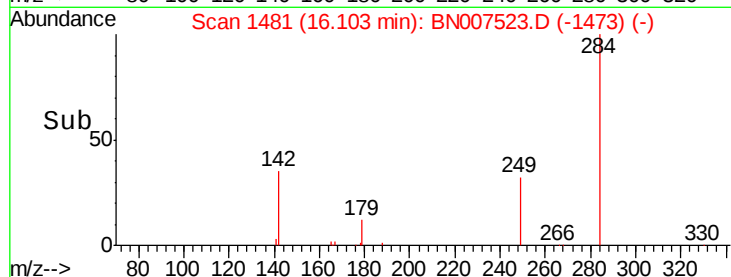
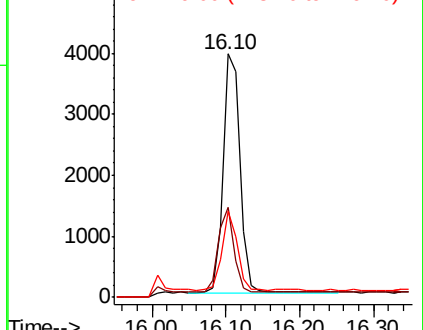
249 29.7 24.9 37.3



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: 0.370 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

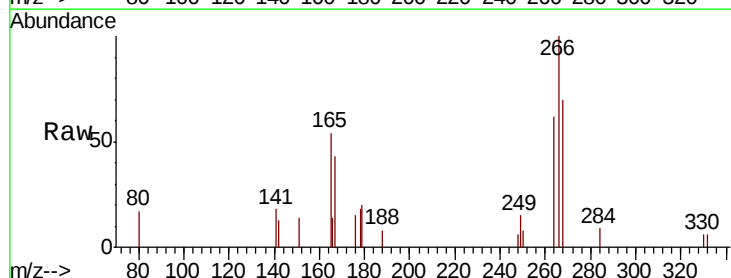
Tgt Ion:266 Resp: 2811

Ion Ratio Lower Upper

266 100

264 62.0 57.8 86.8

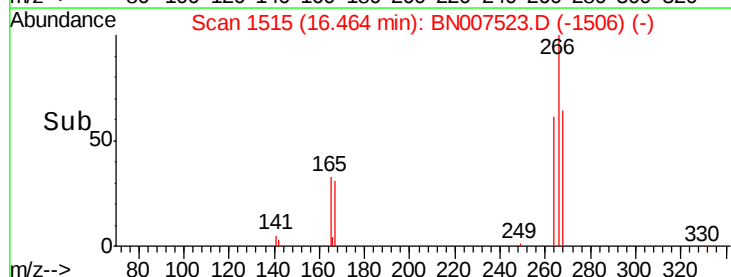
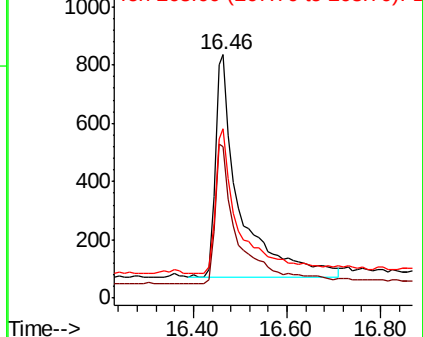
268 69.6 99.7 149.5#



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: 0.279 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

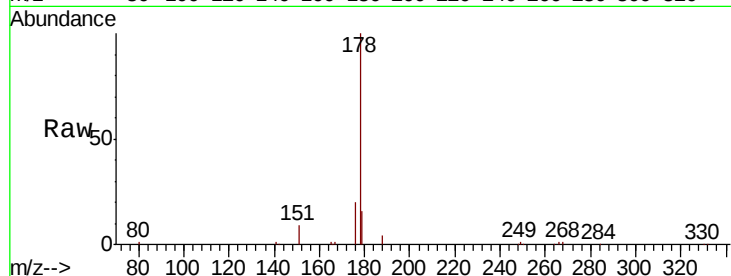
Tot Ion:178 Resp: 30626

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

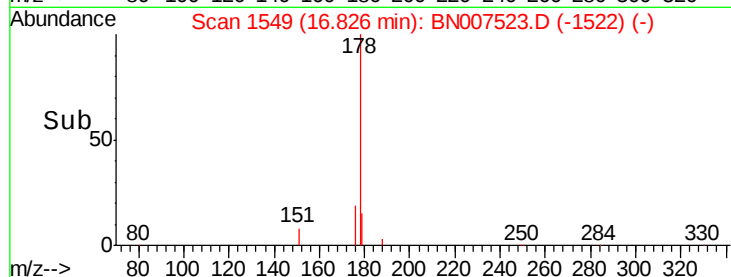
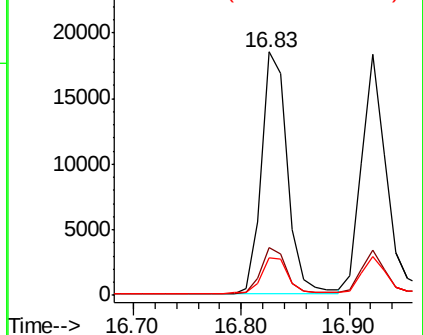
179 15.2 12.6 19.0



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: 0.264 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

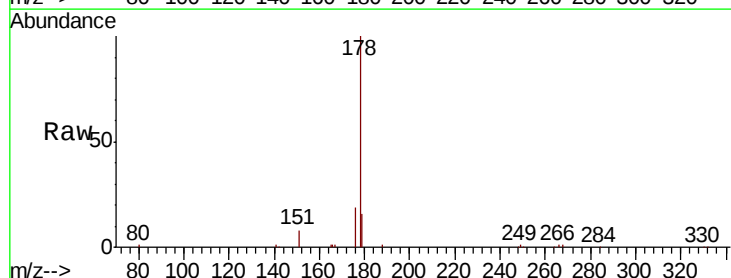
Tgt Ion:178 Resp: 29159

Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

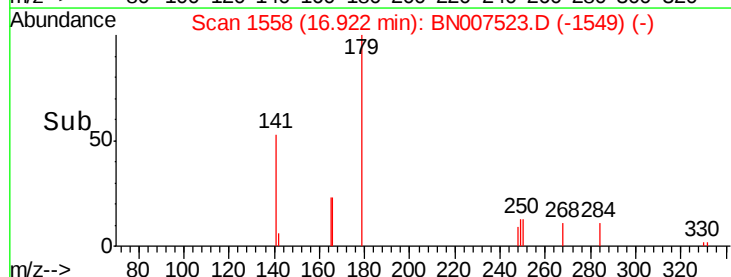
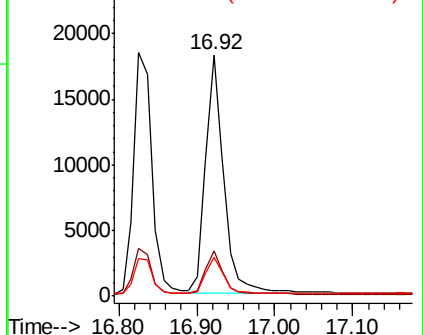
179 15.3 12.4 18.6

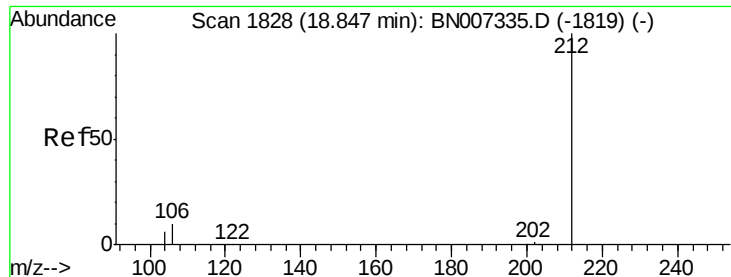


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.344 ng

RT: 18.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

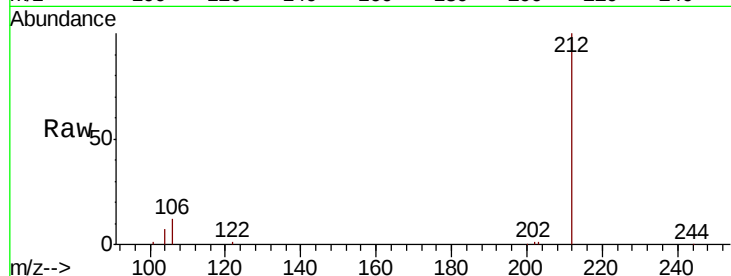
Tot Ion:212 Resp: 40437

Ion Ratio Lower Upper

212 100

106 12.4 9.0 13.4

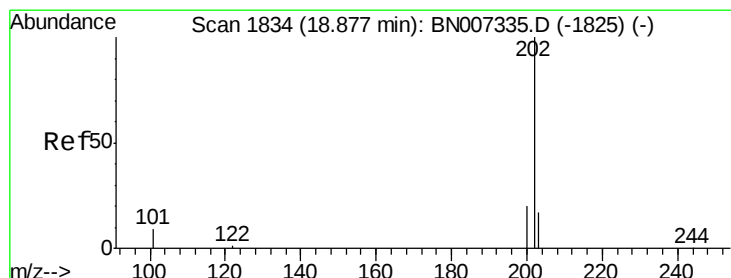
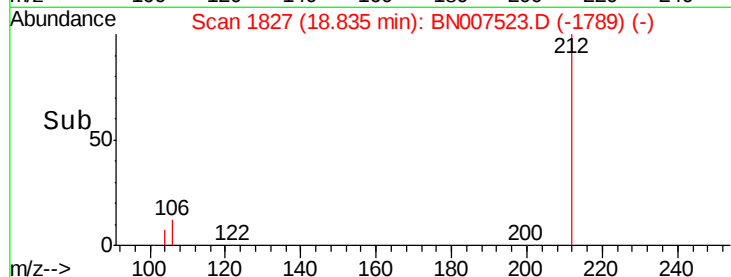
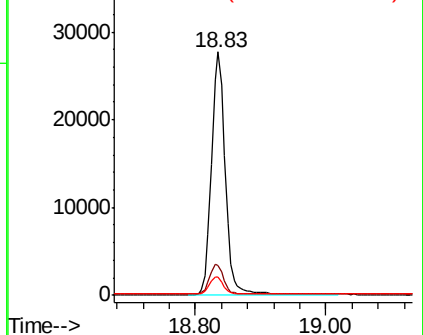
104 7.0 5.4 8.2



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: 0.281 ng

RT: 18.86 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

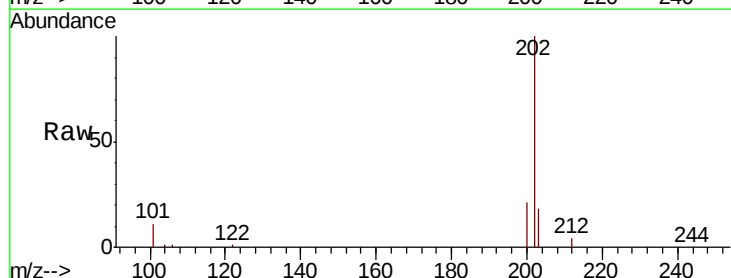
Tgt Ion:202 Resp: 39612

Ion Ratio Lower Upper

202 100

101 10.8 7.7 11.5

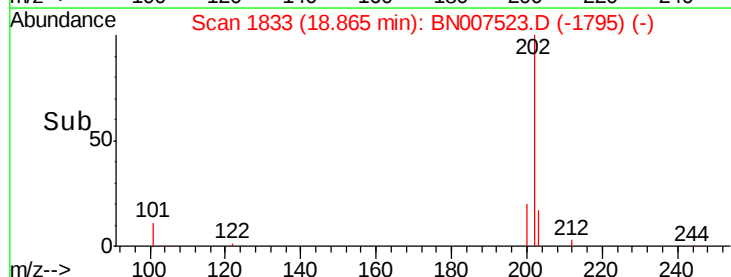
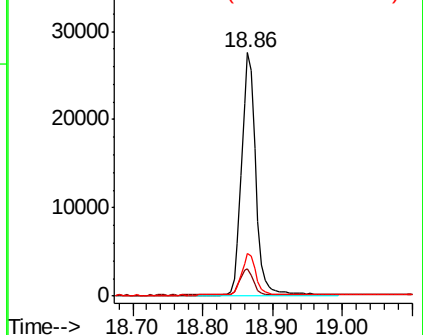
203 17.0 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

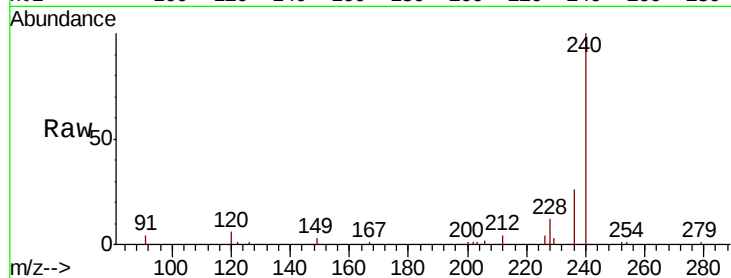




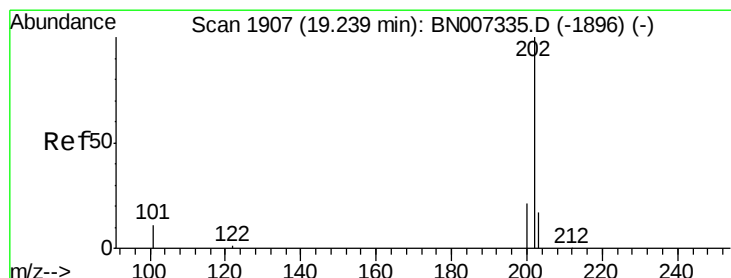
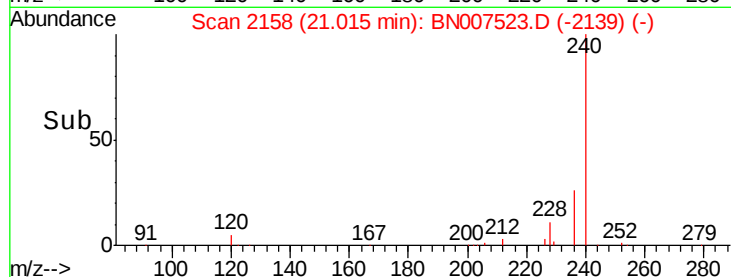
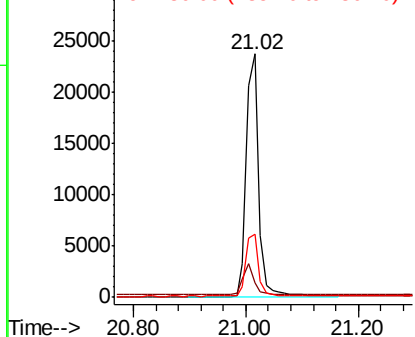
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007523.D
Acq: 30 Aug 2019 14:50

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion:240 Resp: 36522
Ion Ratio Lower Upper
240 100
120 5.9 9.6 14.4#
236 25.9 22.2 33.2

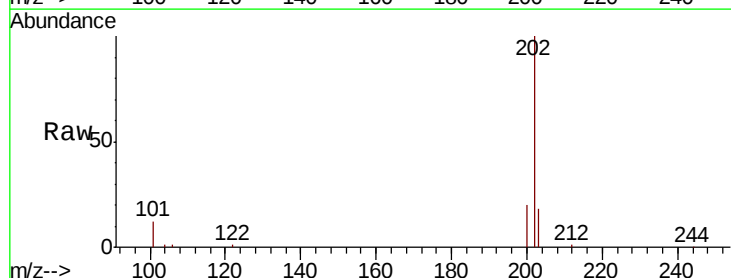


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

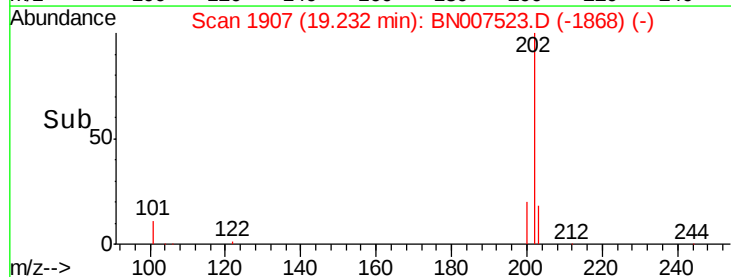
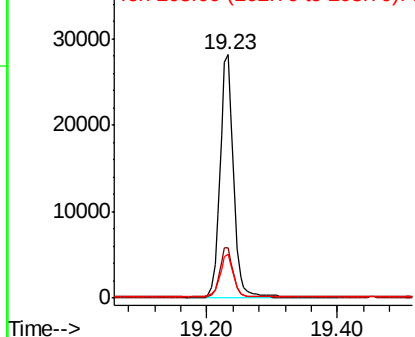


#28
Pyrene
Concen: 0.275 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007523.D
Acq: 30 Aug 2019 14:50

Tgt Ion:202 Resp: 40407
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 18.0 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: 0.337 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

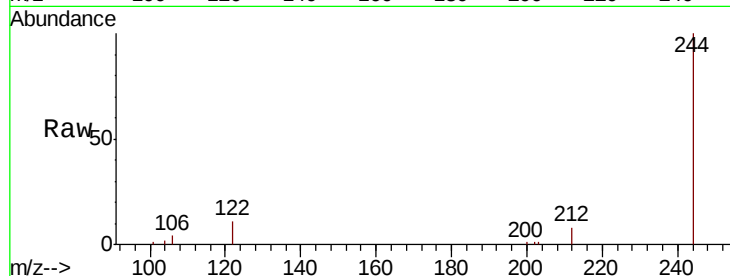
Tot Ion:244 Resp: 32213

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.6

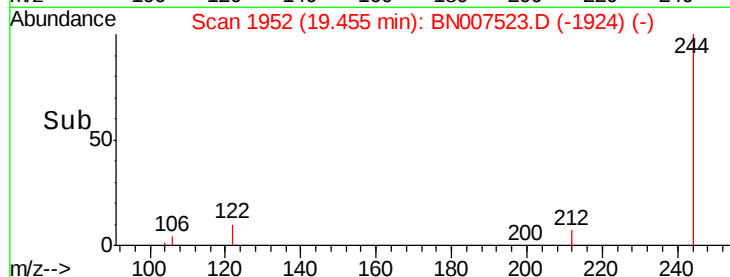
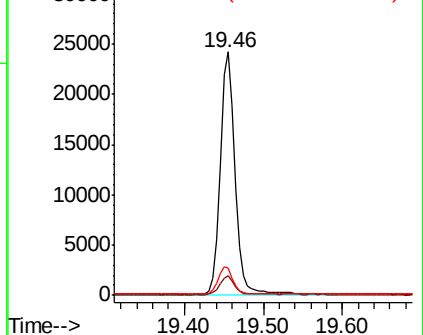
122 11.0 9.6 14.4



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: 0.261 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

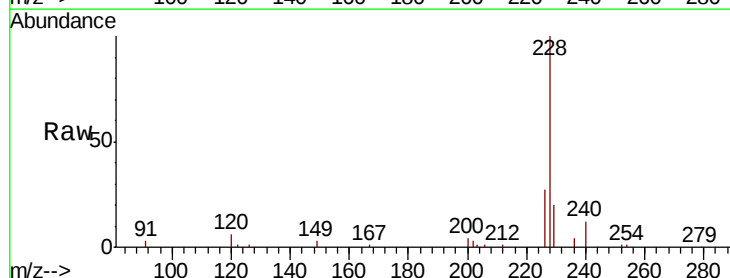
Tgt Ion:228 Resp: 37387

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

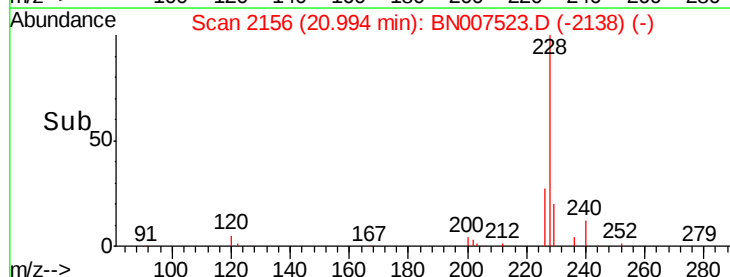
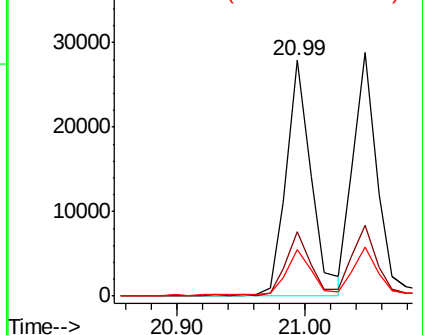
229 20.0 16.1 24.1



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: 0.269 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

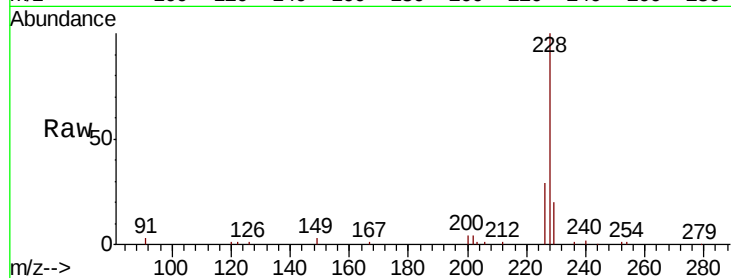
BNA_N

ClientSampleId :

PB122692BSD

Tot Ion:228 Resp: 37219

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.5	35.3
229	20.2	16.6	24.8

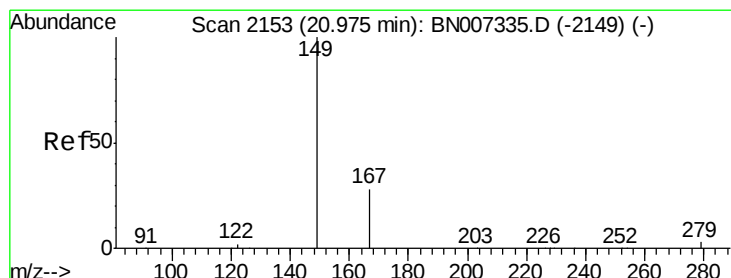
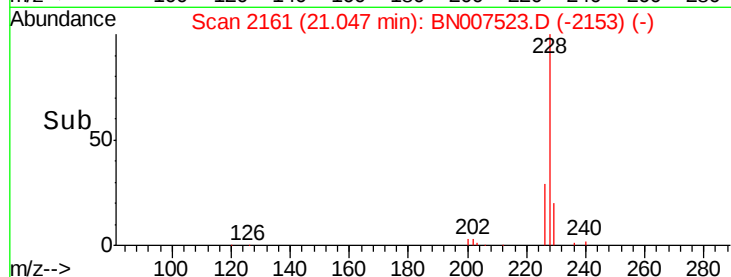
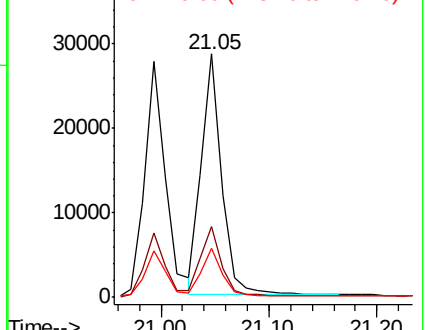


Abundance

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: 0.218 ng

RT: 20.96 min Scan# 2153

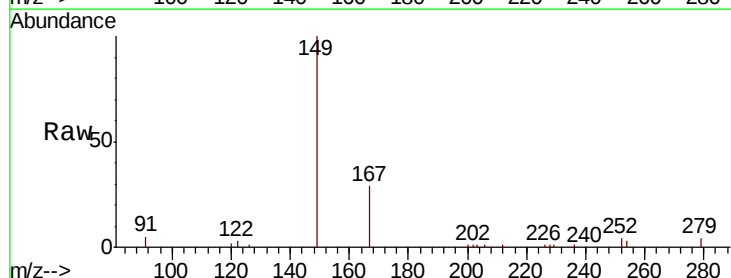
Delta R.T. -0.01 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Tgt Ion:149 Resp: 22011

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.4	3.5	5.3

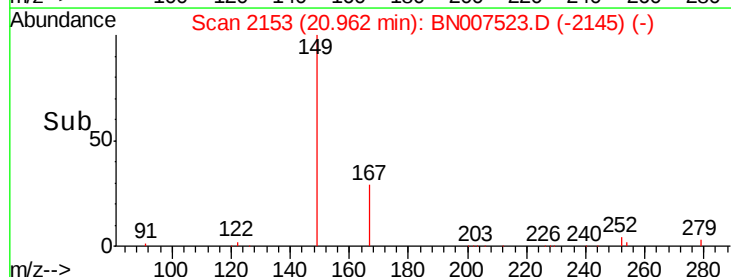
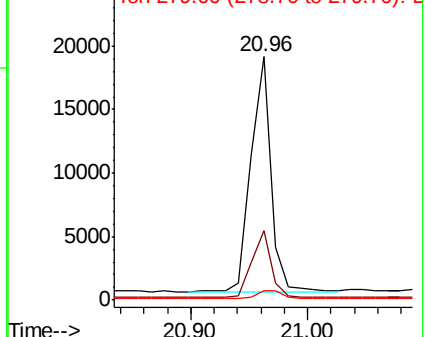


Abundance

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: 0.217 ng

RT: 25.17 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

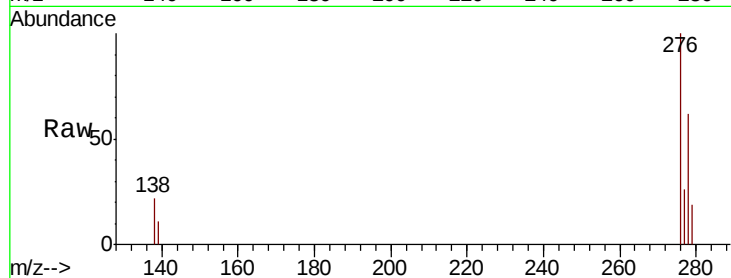
Tot Ion:276 Resp: 36137

Ion Ratio Lower Upper

276 100

138 20.1 15.1 22.7

277 23.8 19.7 29.5

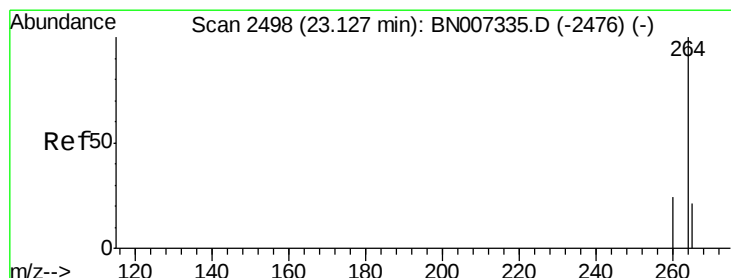
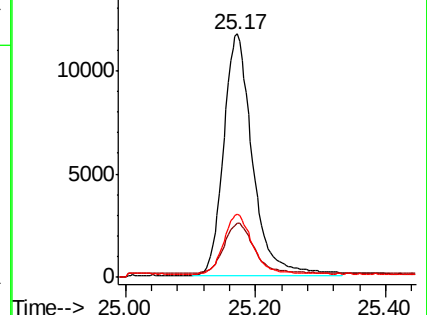
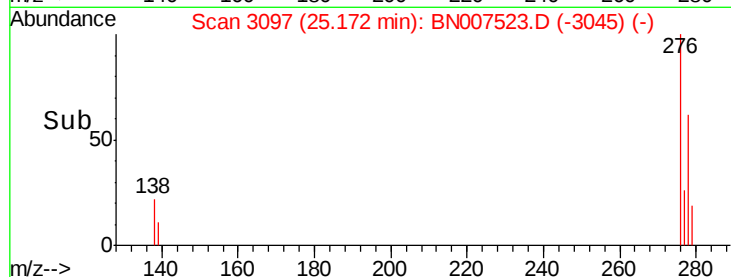


Abundance

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: 23.11 min Scan# 2495

Delta R.T. -0.02 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

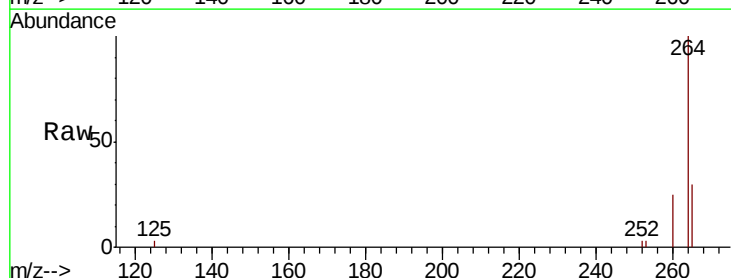
Tgt Ion:264 Resp: 33924

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 29.6 29.9 44.9#

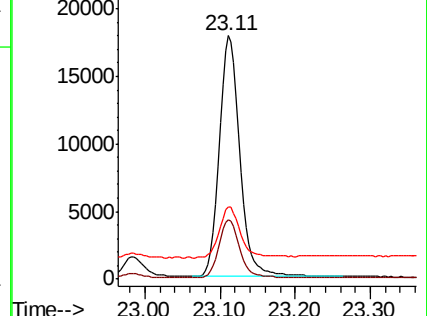
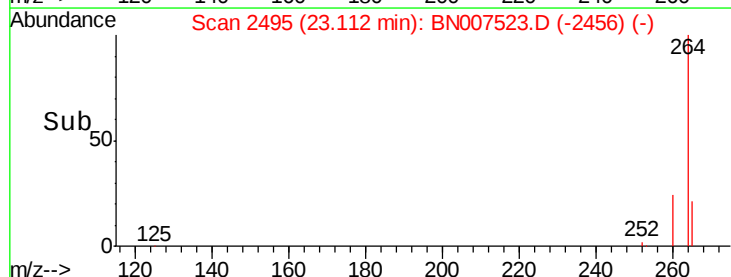


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

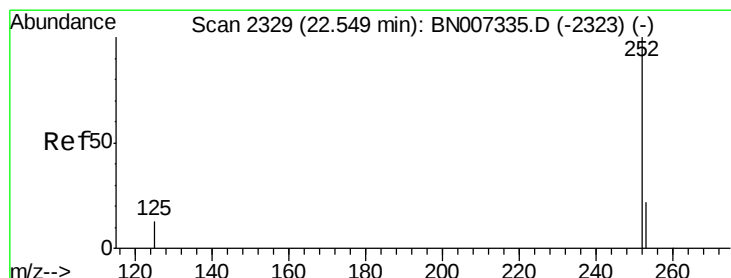
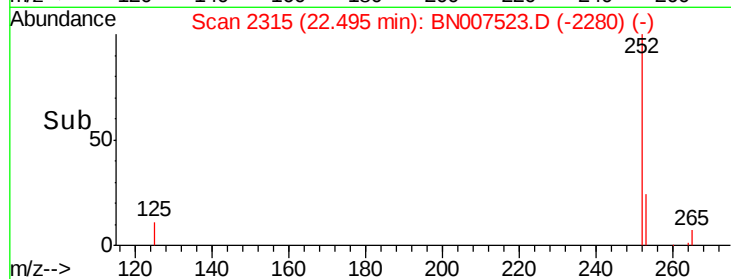
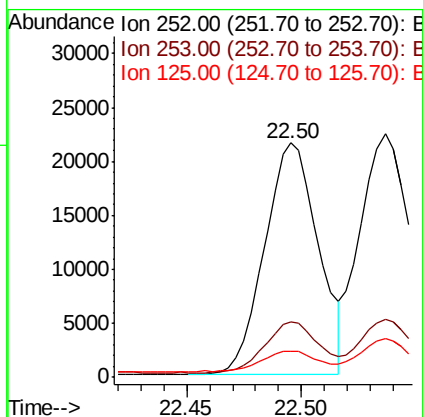
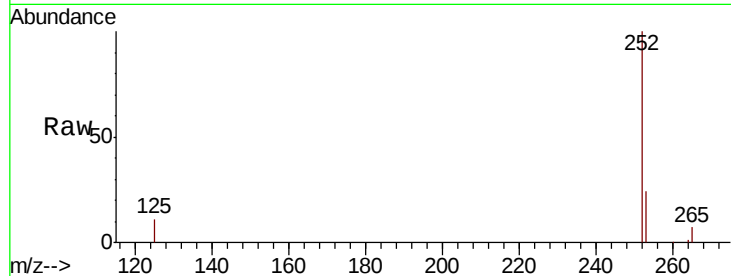




#35
Benzo(b)fluoranthene
Concen: 0.283 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN007523.D
Acq: 30 Aug 2019 14:50

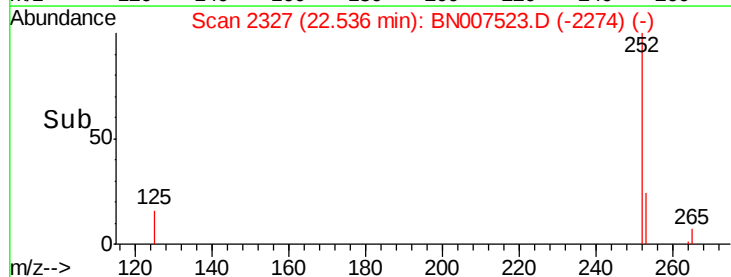
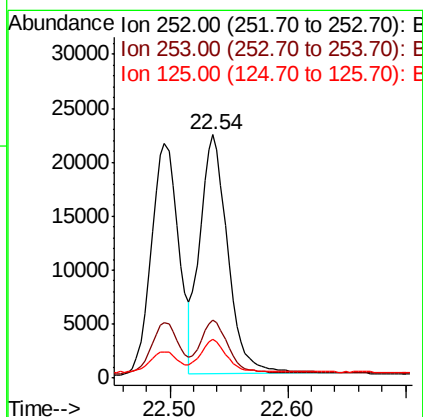
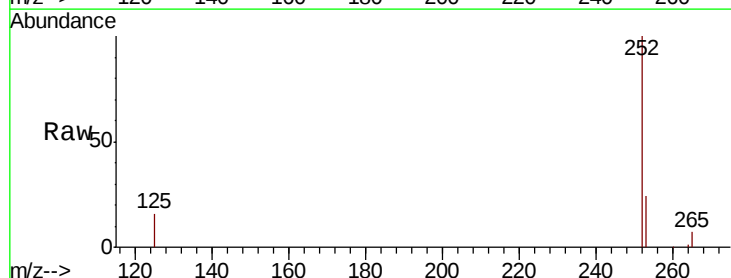
Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion:252 Resp: 34805
Ion Ratio Lower Upper
252 100
253 23.5 19.2 28.8
125 11.2 10.6 16.0



#36
Benzo(k)fluoranthene
Concen: 0.301 ng
RT: 22.54 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN007523.D
Acq: 30 Aug 2019 14:50

Tgt Ion:252 Resp: 36620
Ion Ratio Lower Upper
252 100
253 24.0 19.4 29.2
125 15.8 13.1 19.7





#37

Benzo(a)pyrene

Concen: 0.279 ng

RT: 23.02 min Scan# 2469

Delta R.T. -0.02 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

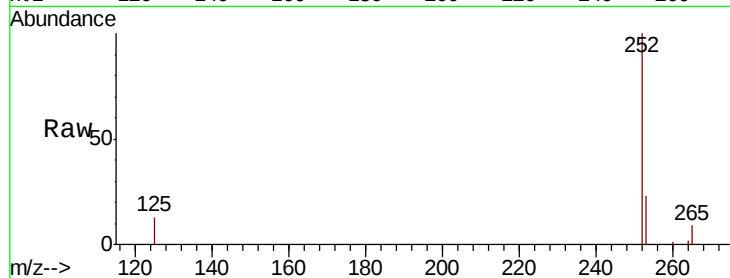
Tot Ion:252 Resp: 32661

Ion Ratio Lower Upper

252 100

253 23.4 19.5 29.3

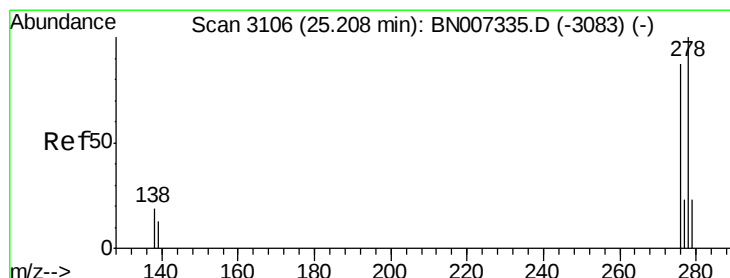
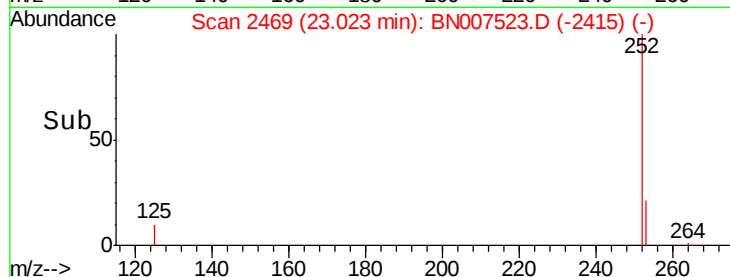
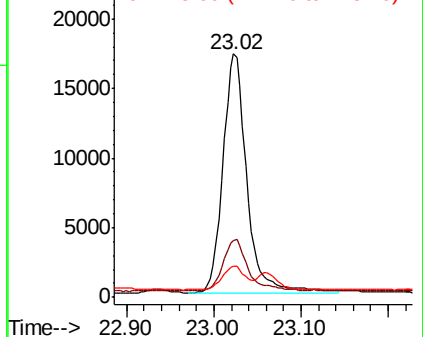
125 12.8 12.1 18.1



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: 0.250 ng

RT: 25.19 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

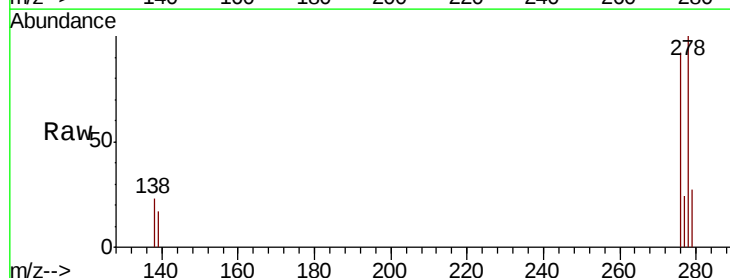
Tgt Ion:278 Resp: 29218

Ion Ratio Lower Upper

278 100

139 16.7 13.7 20.5

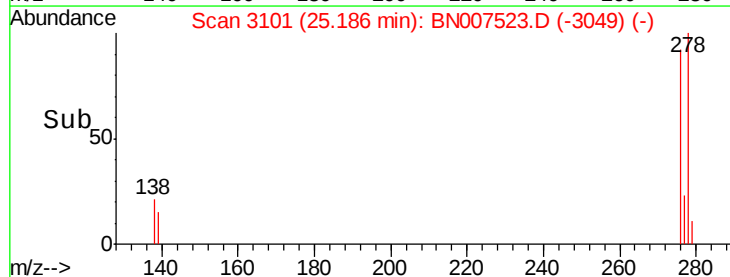
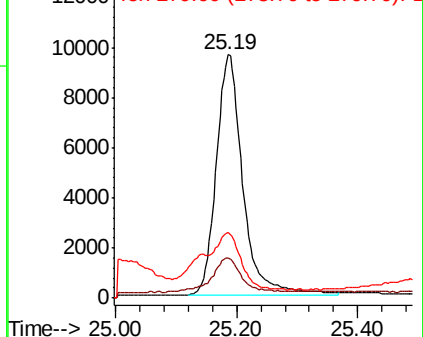
279 27.1 20.2 30.4



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(a,h,i)perylene

Concen: 0.262 ng

RT: 25.80 min Scan# 3279

Delta R.T. -0.02 min

Lab File: BN007523.D

Acq: 30 Aug 2019 14:50

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

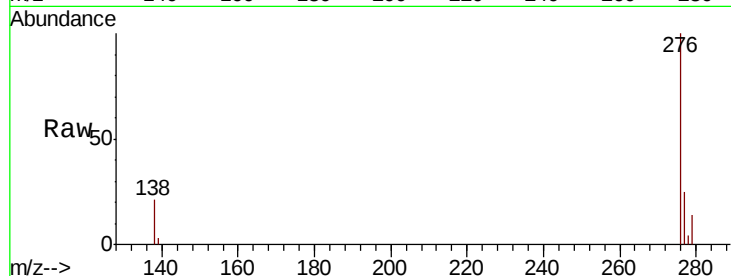
Tot Ion:276 Resp: 30452

Ion Ratio Lower Upper

276 100

277 25.2 19.6 29.4

138 21.1 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

