

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082919\
 Data File : BN007510.D
 Acq On : 29 Aug 2019 19:54
 Operator : HP/JU
 Sample : PB122534BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122534BS

Quant Time: Aug 30 02:00:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	4745	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	20931	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	13543	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	36569	0.40	ng	0.00
27) Chrysene-d12	21.02	240	39108	0.40	ng	0.00
34) Perylene-d12	23.12	264	34937	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	5682	0.34	ng	0.00
5) Phenol-d6	6.59	99	7978	0.38	ng	0.00
8) Nitrobenzene-d5	8.53	82	5832	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	14068	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2623	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	17153	0.31	ng	0.00
25) Fluoranthene-d10	18.84	212	43215	0.37	ng	0.00
29) Terphenyl-d14	19.46	244	33602	0.33	ng	0.00

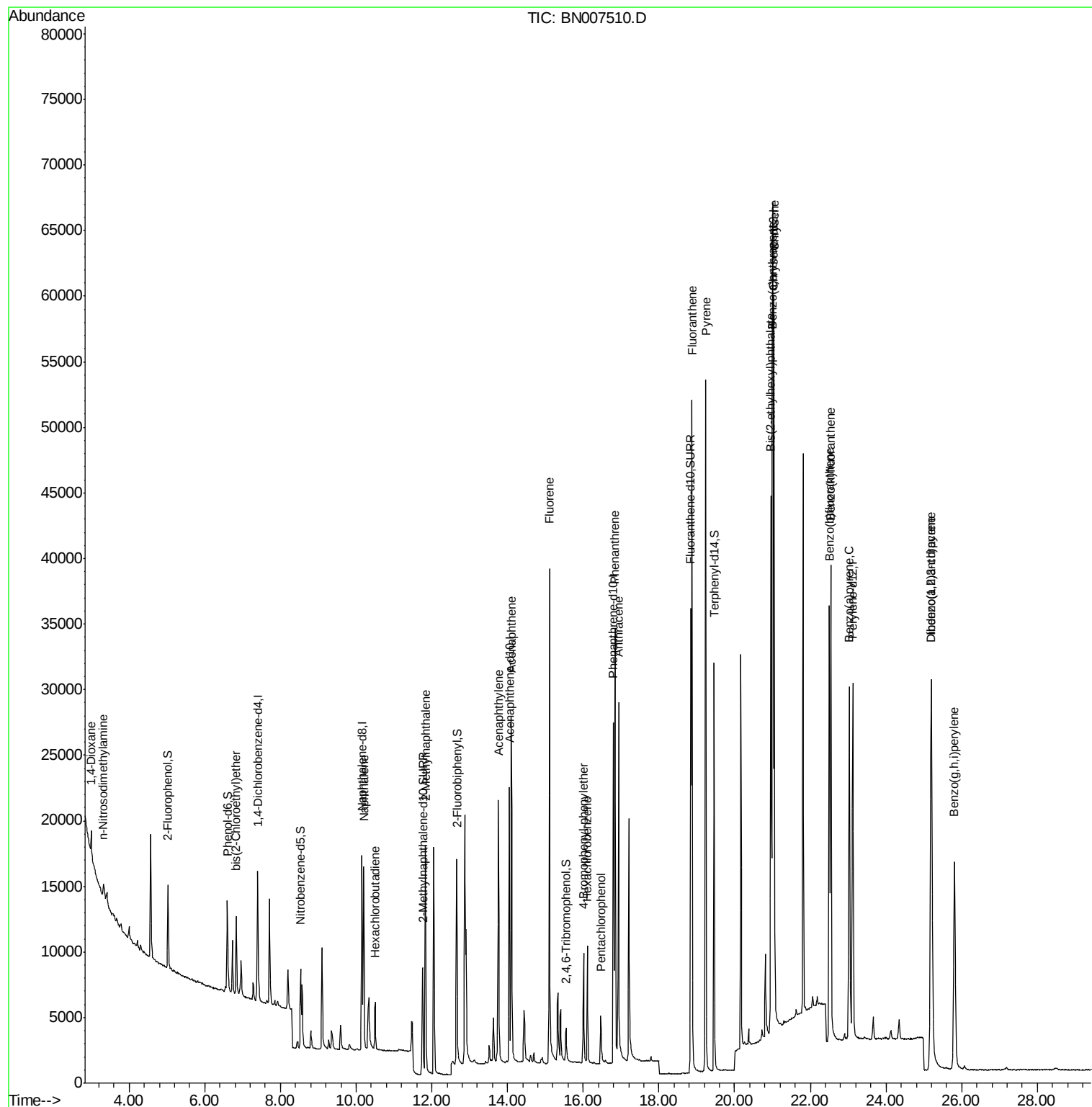
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	1783	0.226	ng	# 73
3) n-Nitrosodimethylamine	3.32	42	956	0.261	ng	# 76
6) bis(2-Chloroethyl)ether	6.83	93	5453	0.318	ng	96
9) Naphthalene	10.20	128	19160	0.320	ng	# 89
10) Hexachlorobutadiene	10.51	225	3279	0.268	ng	# 99
12) 2-Methylnaphthalene	11.83	142	13906	0.341	ng	95
16) Acenaphthylene	13.76	152	23913	0.298	ng	100
17) Acenaphthene	14.10	154	14764	0.315	ng	98
18) Fluorene	15.10	166	20054	0.338	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	3577	0.248	ng	93
21) Hexachlorobenzene	16.11	284	7639	0.312	ng	95
22) Pentachlorophenol	16.46	266	2561	0.336	ng	# 65
23) Phenanthrene	16.84	178	35993	0.327	ng	99
24) Anthracene	16.93	178	34337	0.310	ng	99
26) Fluoranthene	18.87	202	48284	0.342	ng	99
28) Pyrene	19.24	202	49780	0.316	ng	99
30) Benzo(a)anthracene	20.99	228	45814	0.298	ng	98
31) Chrysene	21.05	228	46828	0.316	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	29392	0.277	ng	100
33) Indeno(1,2,3-cd)pyrene	25.19	276	40893	0.229	ng	98
35) Benzo(b)fluoranthene	22.50	252	40512	0.320	ng	97
36) Benzo(k)fluoranthene	22.54	252	44647	0.357	ng	98
37) Benzo(a)pyrene	23.03	252	38723	0.321	ng	97
38) Dibenzo(a,h)anthracene	25.20	278	32971	0.274	ng	99
39) Benzo(g,h,i)perylene	25.81	276	34192	0.286	ng	100

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

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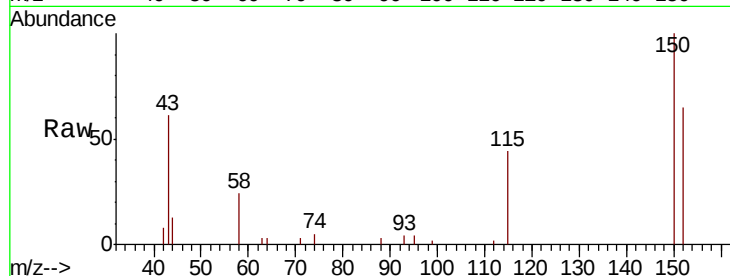


#1

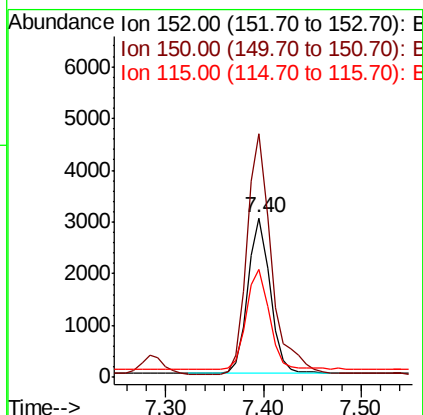
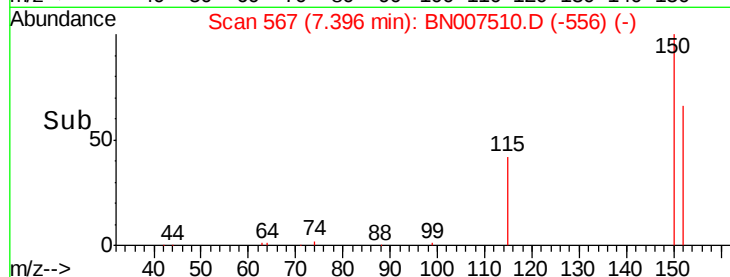
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tot Ion:152 Resp: 4745
Ion Ratio Lower Upper
152 100
150 152.7 109.1 163.7
115 67.7 59.6 89.4



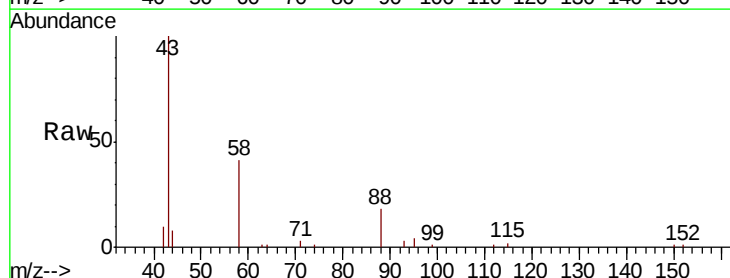
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



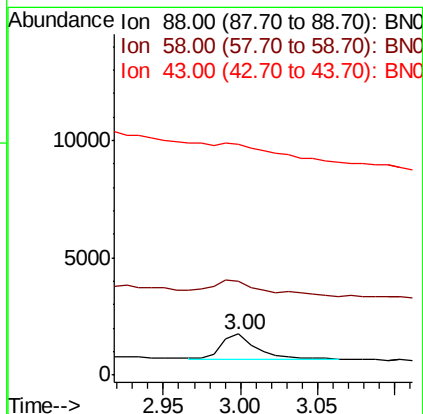
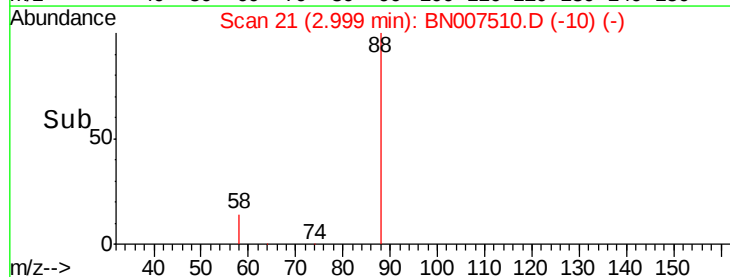
#2

1,4-Dioxane
Concen: 0.226 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion: 88 Resp: 1783
Ion Ratio Lower Upper
88 100
58 83.7 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: 0.261 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

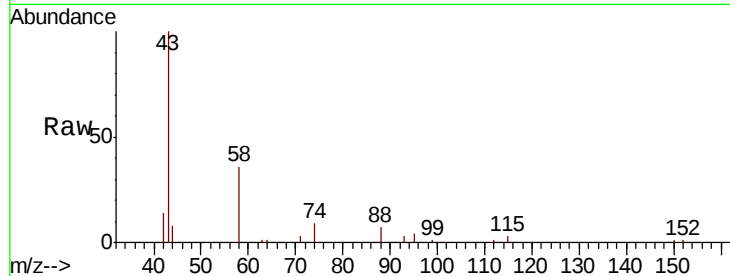
Tot Ion: 42 Resp: 956

Ion Ratio Lower Upper

42 100

74 215.1 144.7 217.1

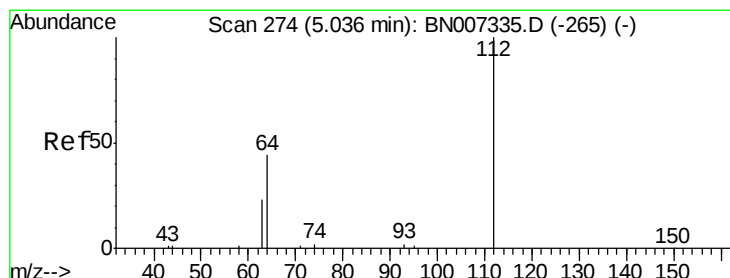
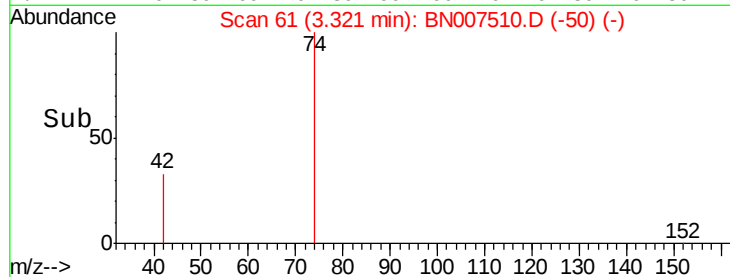
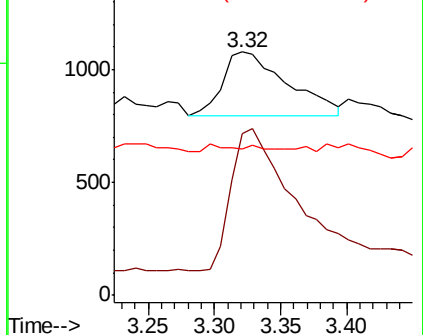
44 3.1 3.2 4.8#



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: 0.341 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

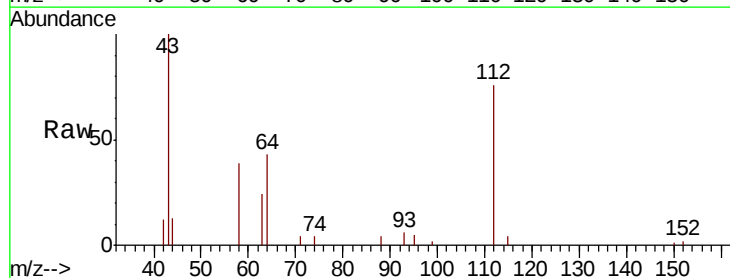
Tgt Ion: 112 Resp: 5682

Ion Ratio Lower Upper

112 100

64 54.5 42.3 63.5

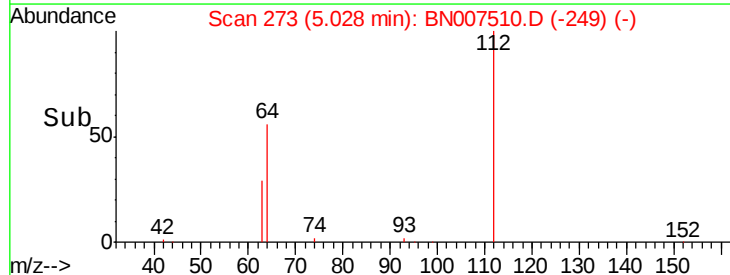
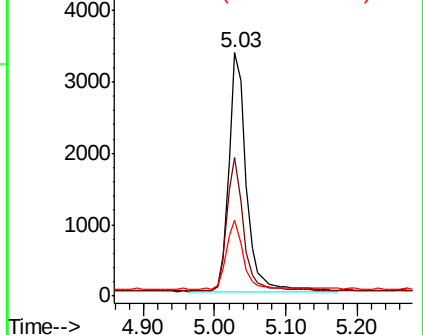
63 27.3 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.379 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

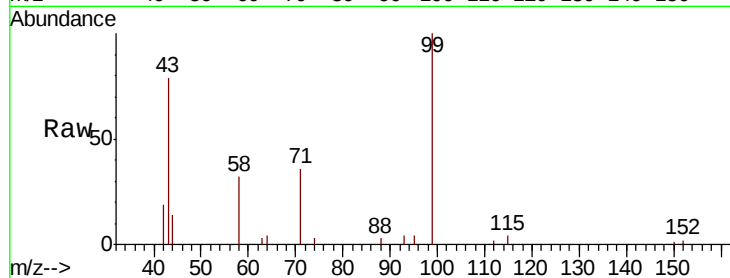
Tot Ion: 99 Resp: 7978

Ion Ratio Lower Upper

99 100

42 11.5 11.2 16.8

71 33.8 31.8 47.8



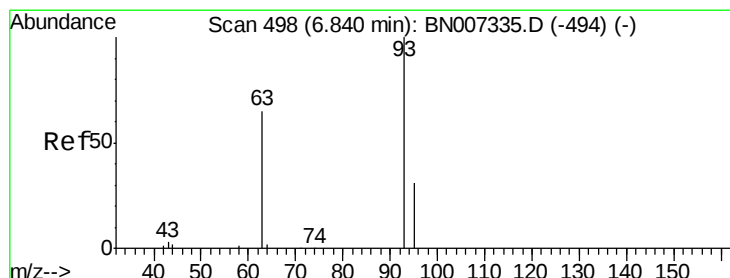
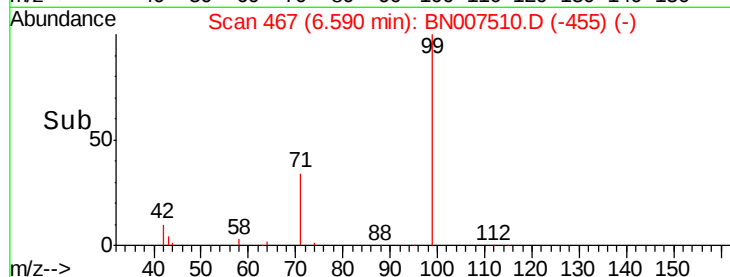
Abundance Ion 99.00 (98.70 to 99.70): BN007510.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007510.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007510.D (-462) (-)

6.59

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.318 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

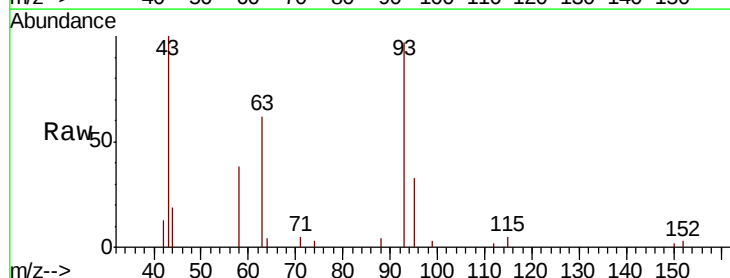
Tgt Ion: 93 Resp: 5453

Ion Ratio Lower Upper

93 100

63 62.0 51.9 77.9

95 32.3 27.7 41.5



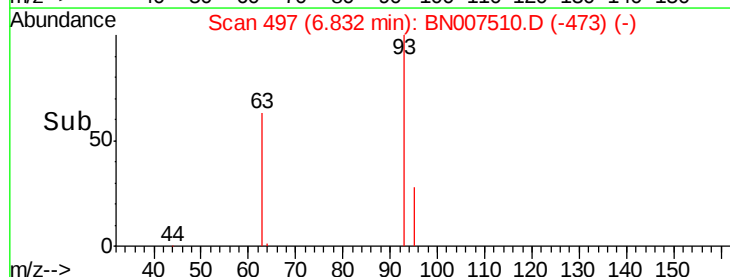
Abundance Ion 93.00 (92.70 to 93.70): BN007510.D (-494) (-)

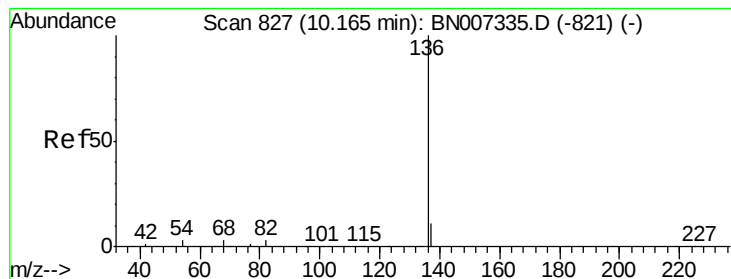
Ion 63.00 (62.70 to 63.70): BN007510.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007510.D (-494) (-)

6.83

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

Tot Ion:136 Resp: 20931

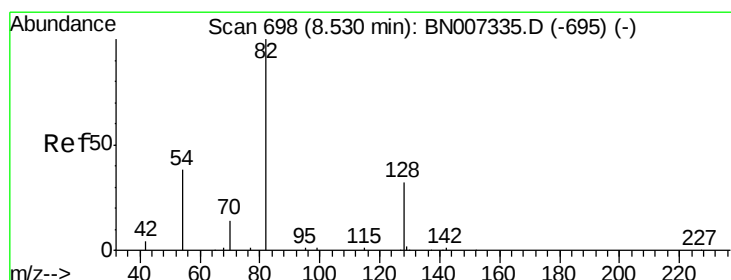
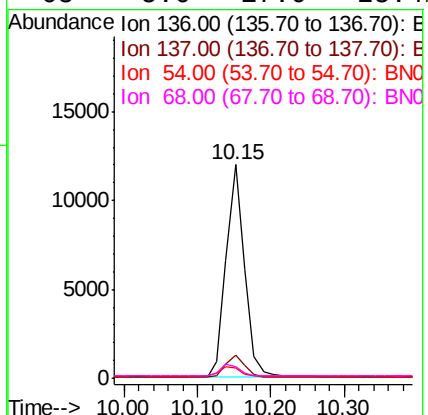
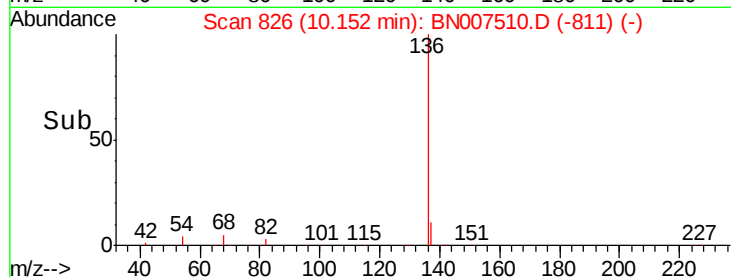
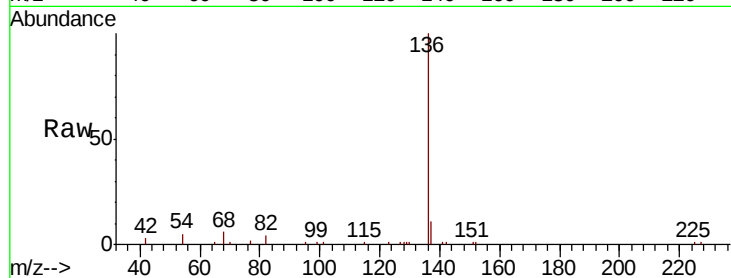
Ion Ratio Lower Upper

136 100

137 11.1 12.9 19.3#

54 4.5 8.6 12.8#

68 5.6 17.0 25.4#



#8

Nitrobenzene-d5

Concen: 0.320 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

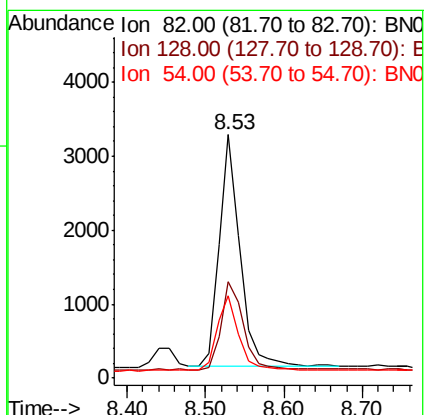
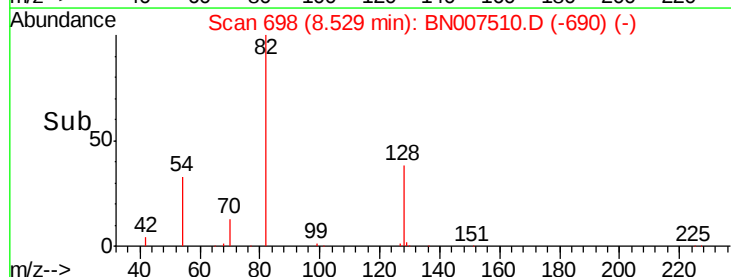
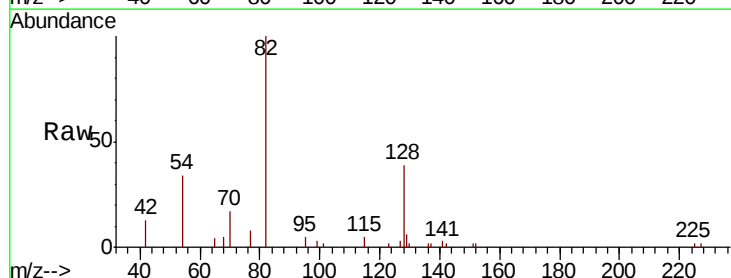
Tgt Ion: 82 Resp: 5832

Ion Ratio Lower Upper

82 100

128 39.5 19.7 29.5#

54 33.8 25.8 38.6





#9

Naphthalene

Concen: 0.320 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampled :

PB122534BS

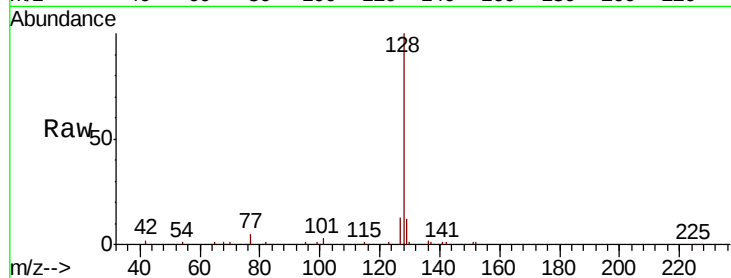
Tot Ion:128 Resp: 19160

Ion Ratio Lower Upper

128 100

129 11.6 11.1 16.7

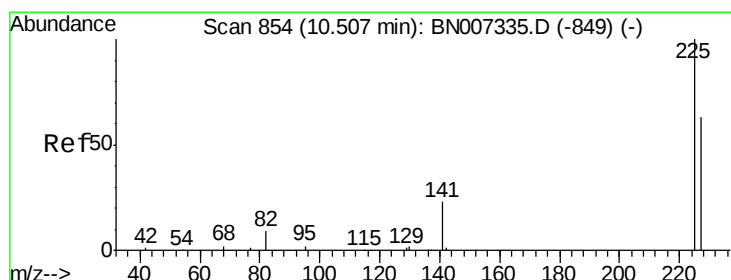
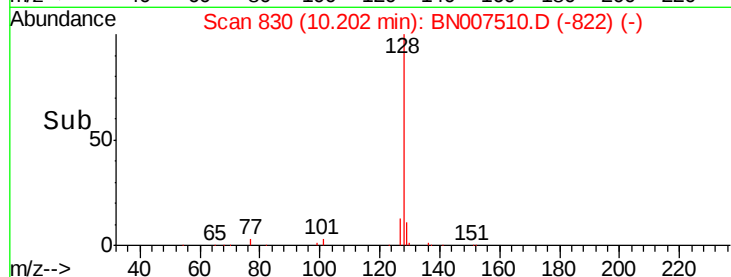
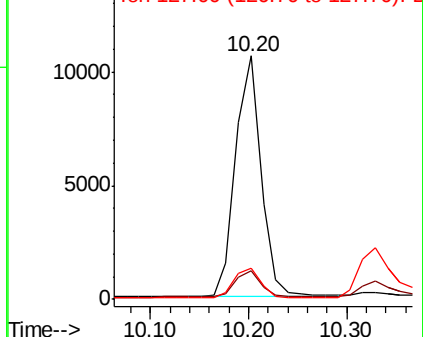
127 13.0 15.5 23.3#



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: 0.268 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

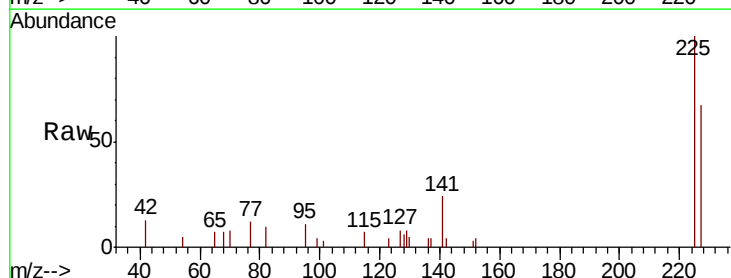
Tgt Ion:225 Resp: 3279

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

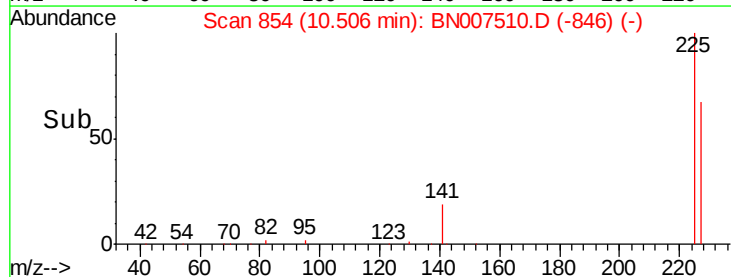
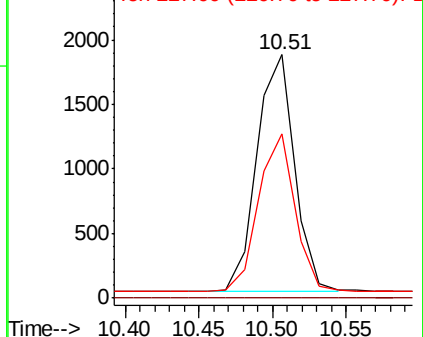
227 64.6 50.7 76.1

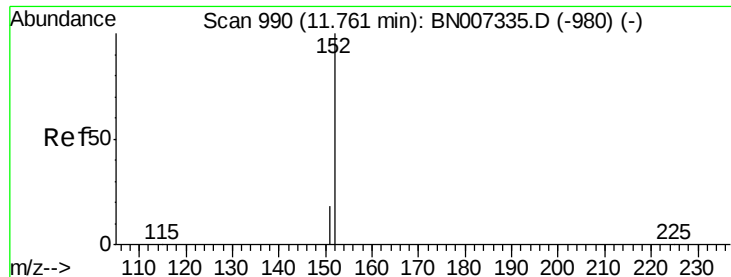


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

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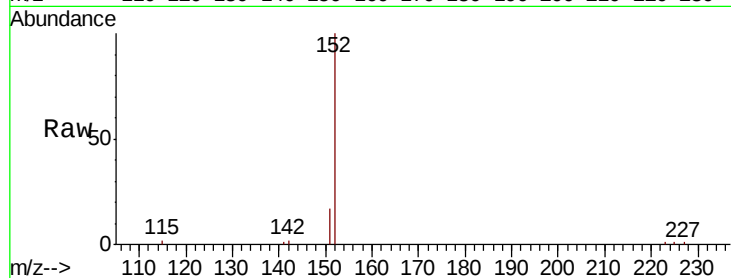
PB122534BS

Tot Ion:152 Resp: 14068

Ion Ratio Lower Upper

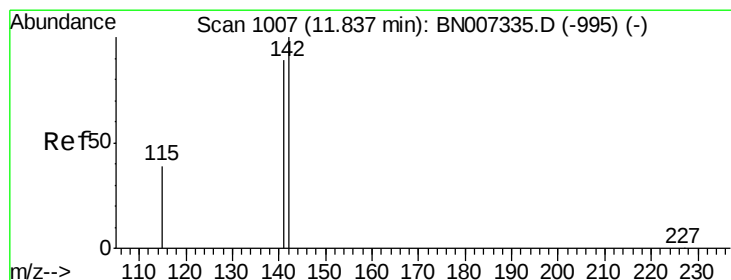
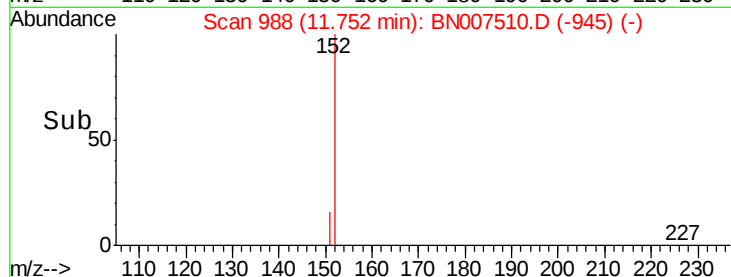
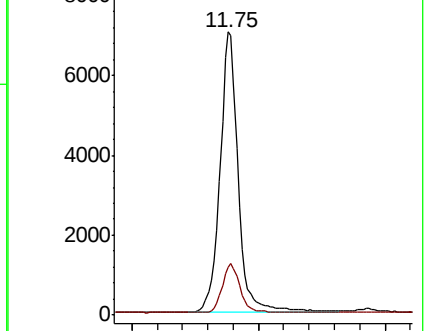
152 100

151 16.8 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.341 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

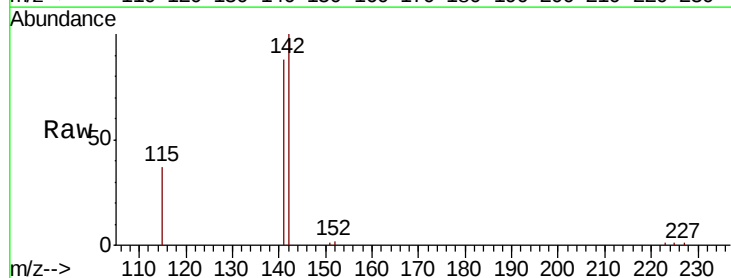
Tgt Ion:142 Resp: 13906

Ion Ratio Lower Upper

142 100

141 88.4 72.8 109.2

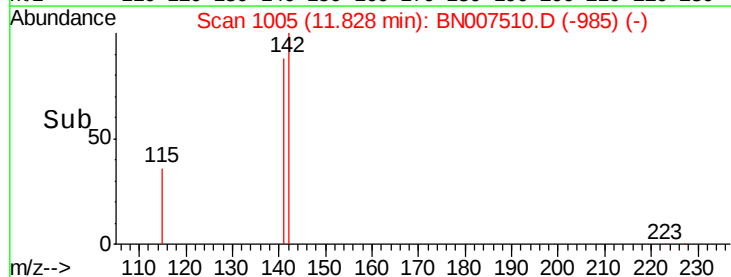
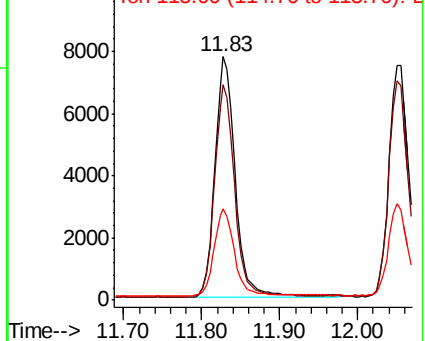
115 37.2 35.2 52.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

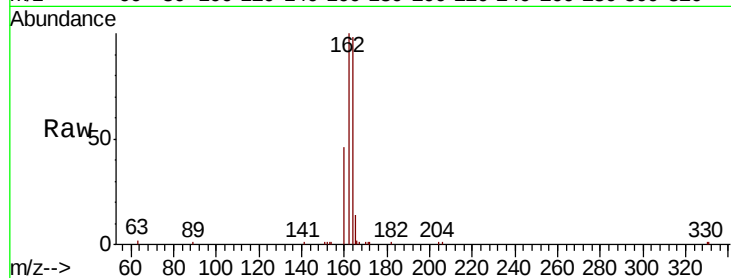
Tot Ion:164 Resp: 13543

Ion Ratio Lower Upper

164 100

162 102.5 83.5 125.3

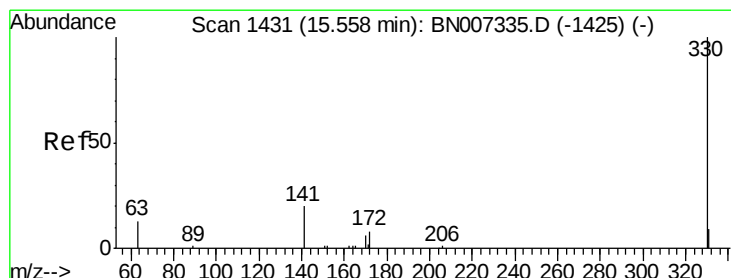
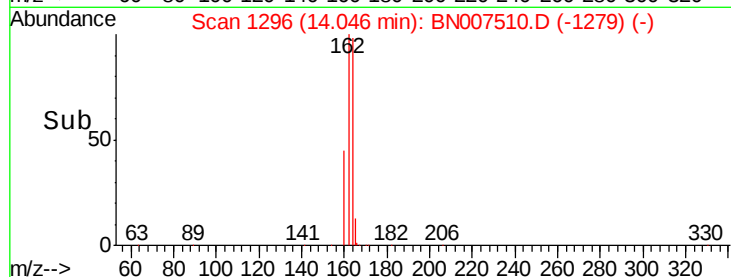
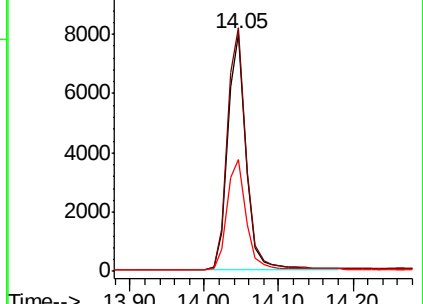
160 46.8 38.2 57.4



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: 0.370 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

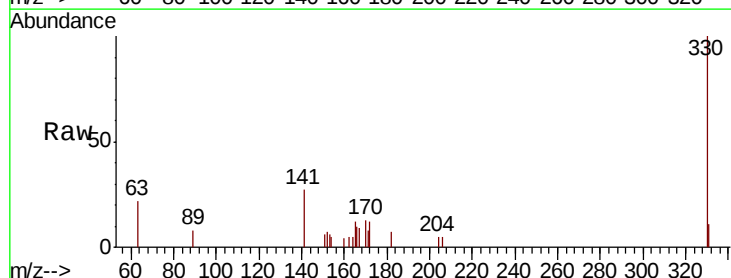
Tgt Ion:330 Resp: 2623

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

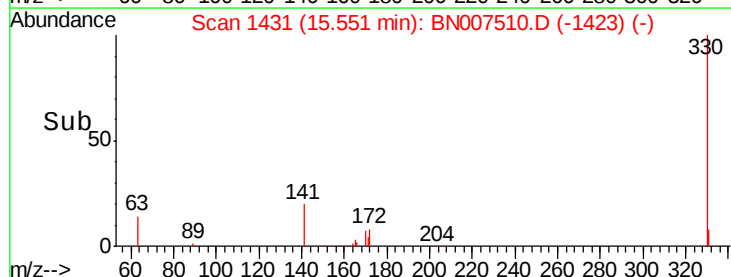
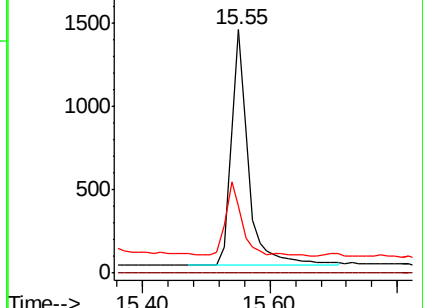
141 31.7 26.9 40.3



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

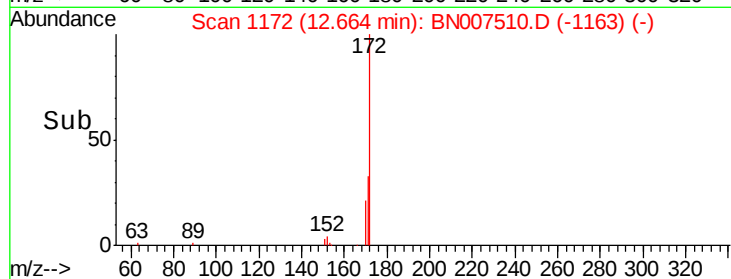
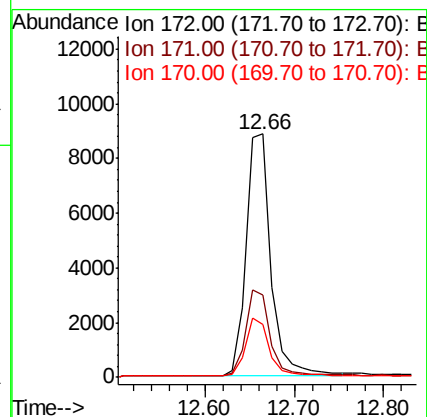
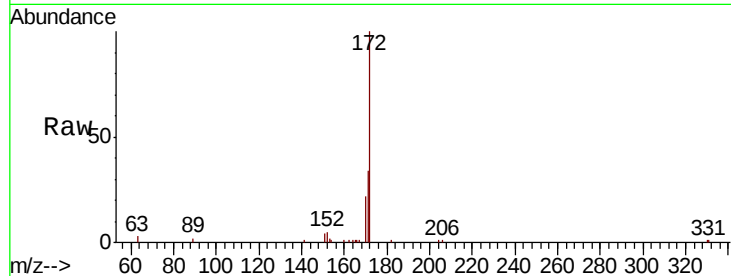




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

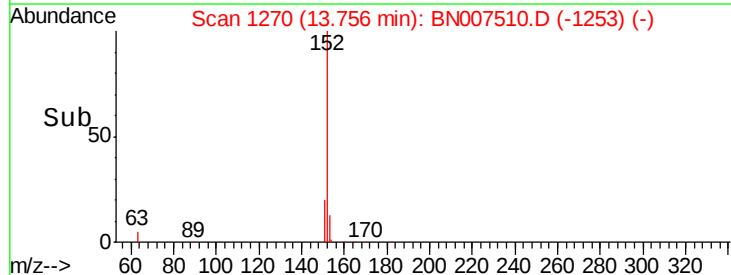
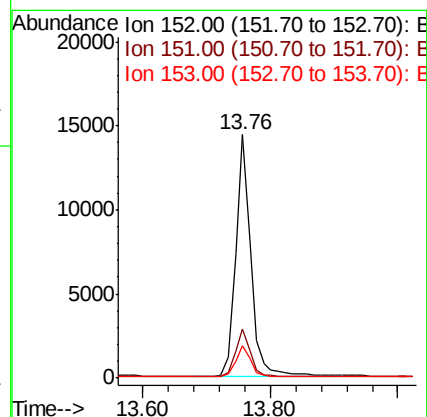
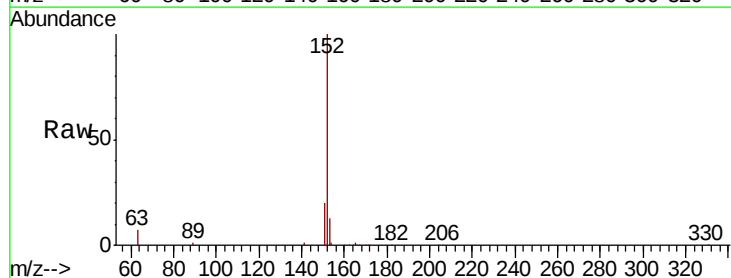
Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tot Ion:172 Resp: 17153
Ion Ratio Lower Upper
172 100
171 34.0 30.3 45.5
170 21.9 20.7 31.1



#16
Acenaphthylene
Concen: 0.298 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:152 Resp: 23913
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.315 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

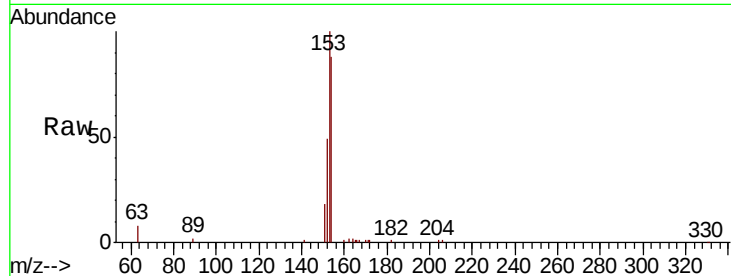
Tot Ion:154 Resp: 14764

Ion Ratio Lower Upper

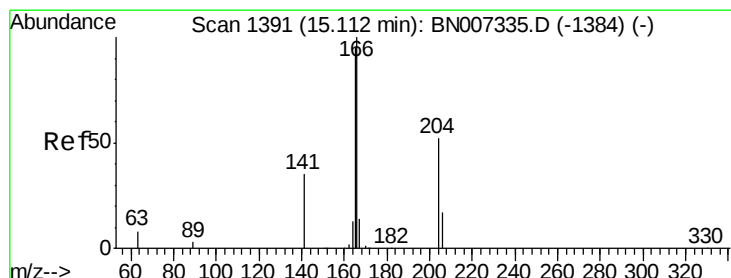
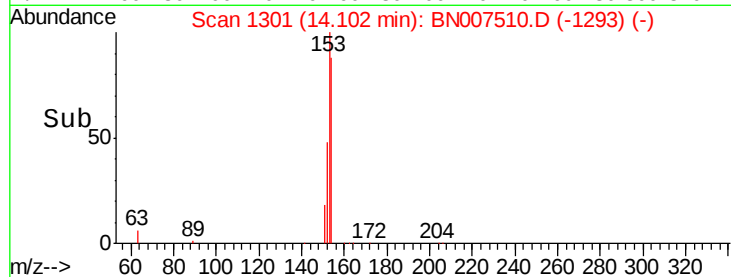
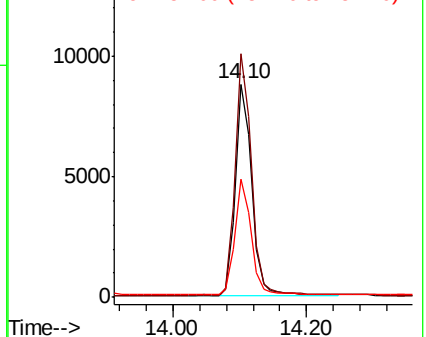
154 100

153 113.2 92.8 139.2

152 53.6 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: 0.338 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

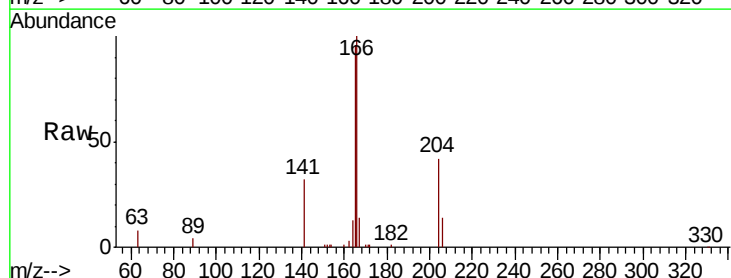
Tgt Ion:166 Resp: 20054

Ion Ratio Lower Upper

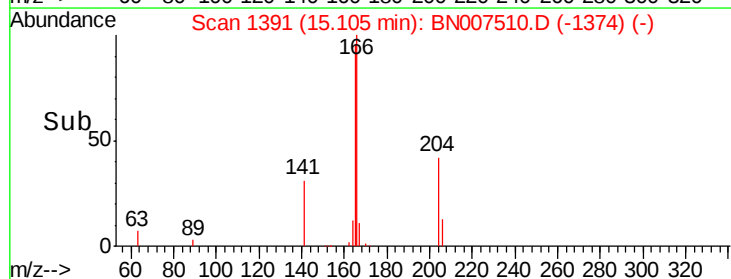
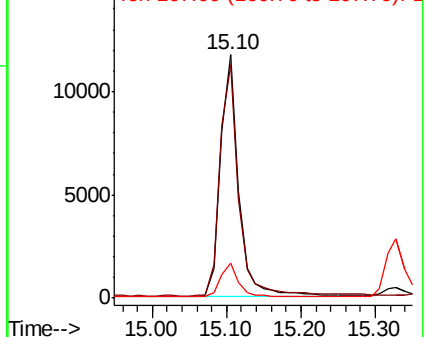
166 100

165 97.9 79.0 118.4

167 13.1 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: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

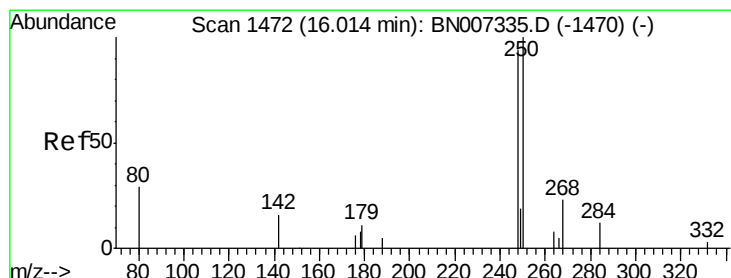
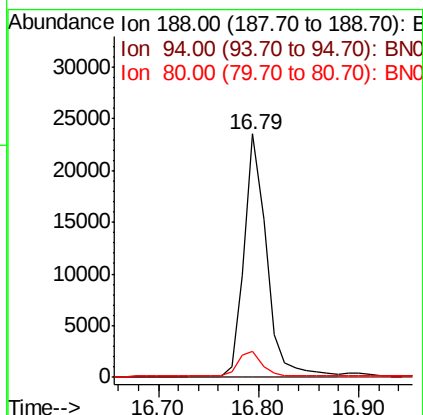
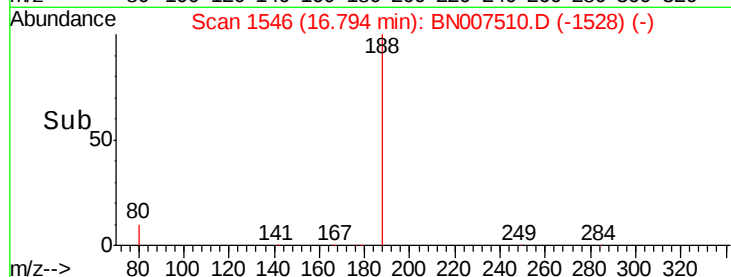
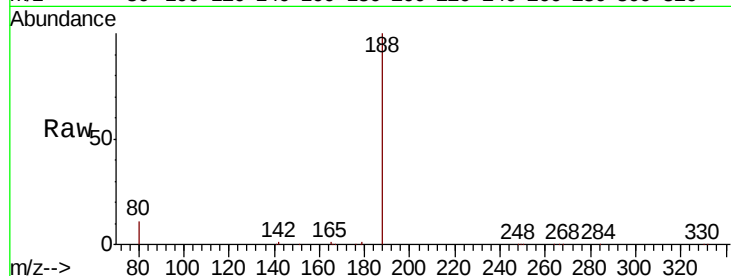
Tot Ion:188 Resp: 36569

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 11.8 17.8#



#20

4-Bromophenyl-phenylether

Concen: 0.248 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

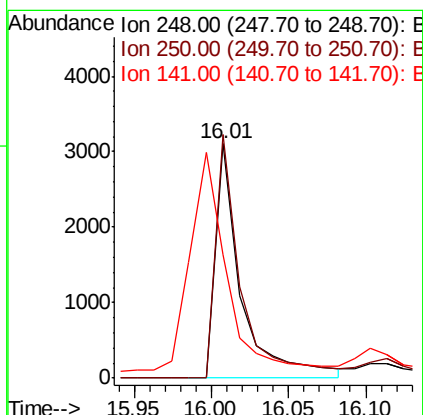
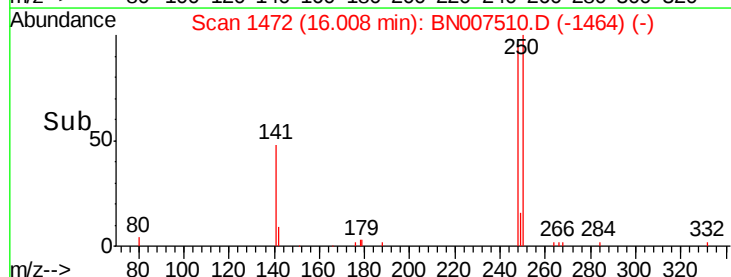
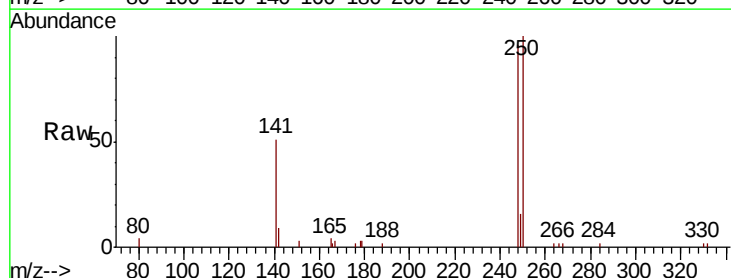
Tgt Ion:248 Resp: 3577

Ion Ratio Lower Upper

248 100

250 104.0 85.0 127.6

141 52.5 51.7 77.5

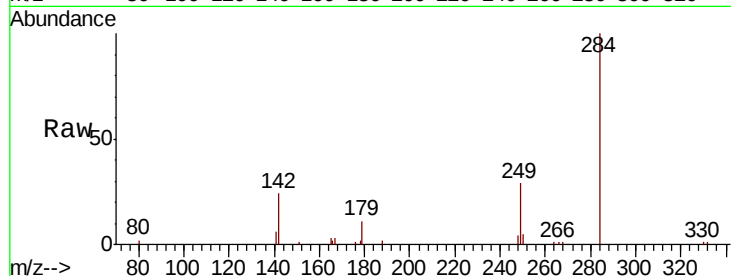




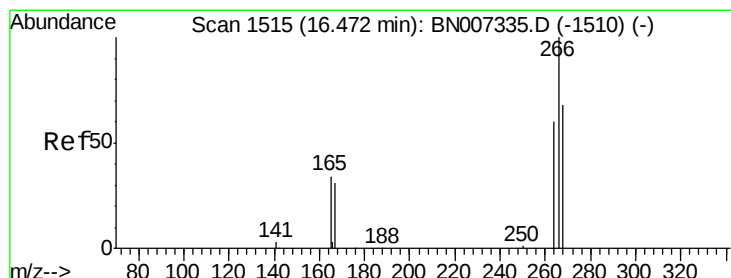
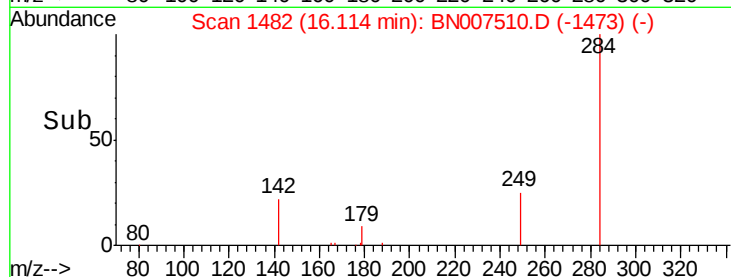
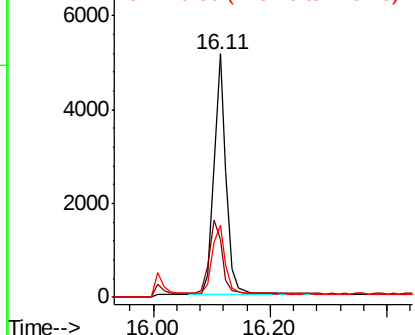
#21
Hexachlorobenzene
Concen: 0.312 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tot Ion:284 Resp: 7639
Ion Ratio Lower Upper
284 100
142 31.2 29.0 43.6
249 30.4 24.9 37.3

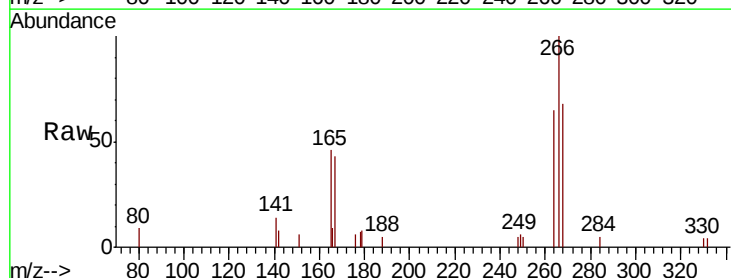


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

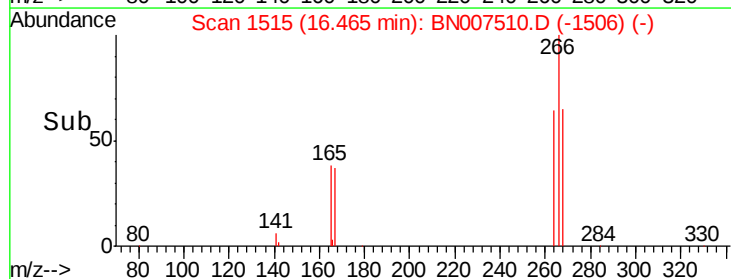
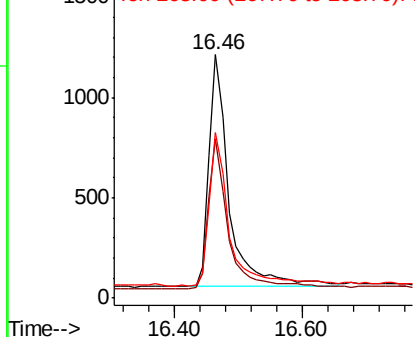


#22
Pentachlorophenol
Concen: 0.336 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:266 Resp: 2561
Ion Ratio Lower Upper
266 100
264 65.2 57.8 86.8
268 68.2 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: 0.327 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

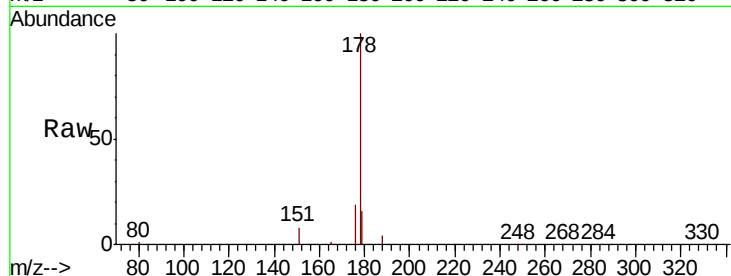
Tot Ion:178 Resp: 35993

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

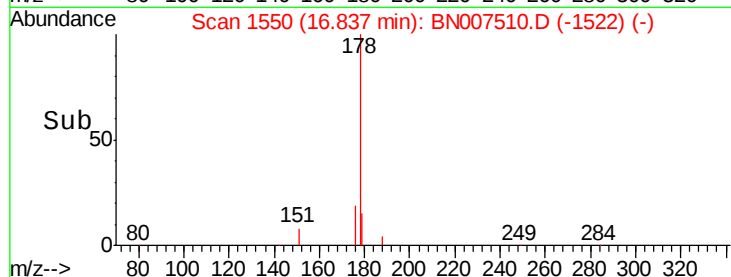
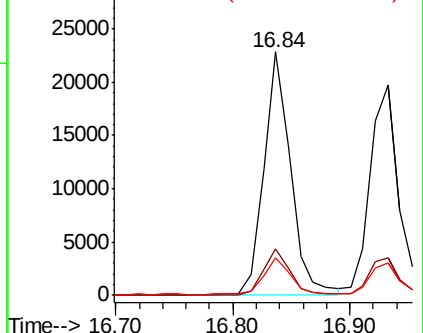
179 15.4 12.6 19.0



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: 0.310 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

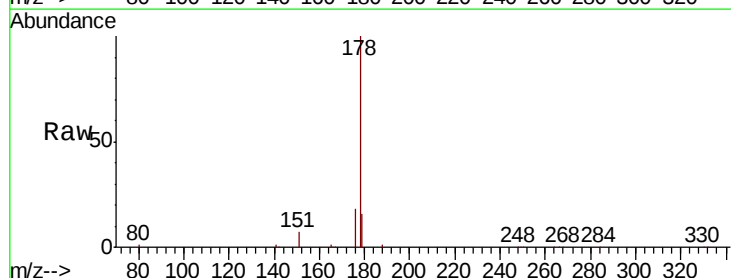
Tgt Ion:178 Resp: 34337

Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

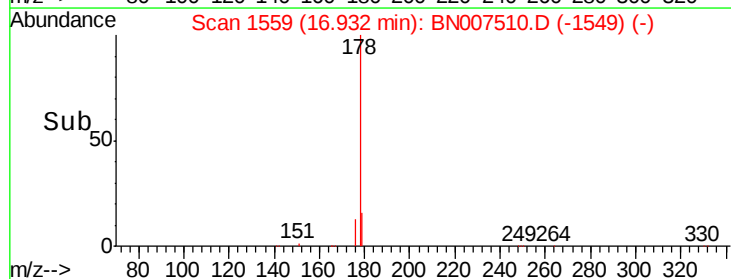
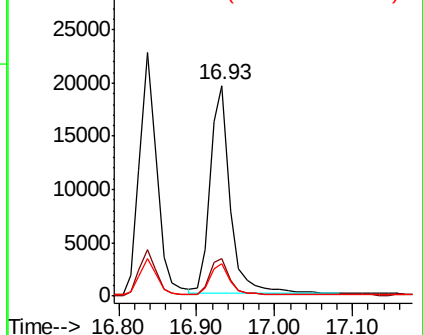
179 15.2 12.4 18.6

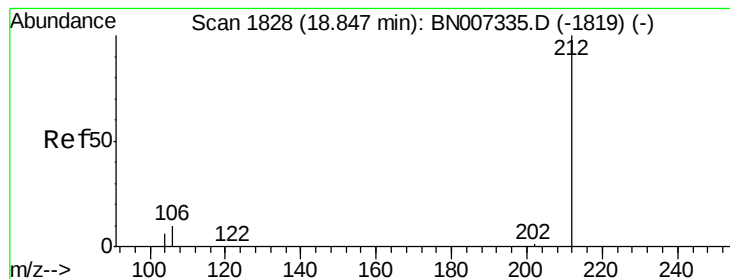


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.367 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

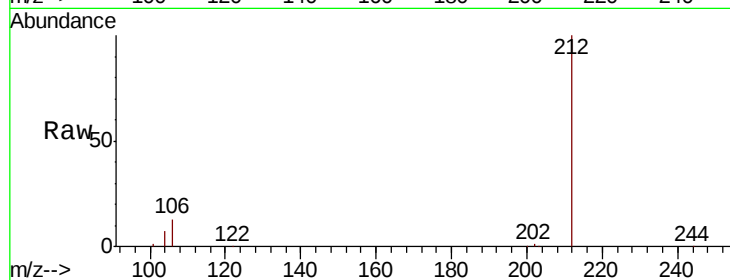
Tot Ion:212 Resp: 43215

Ion Ratio Lower Upper

212 100

106 12.6 9.0 13.4

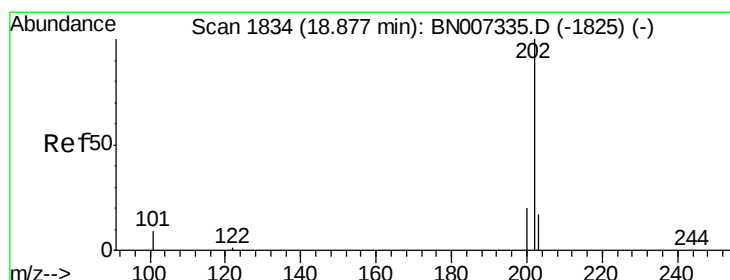
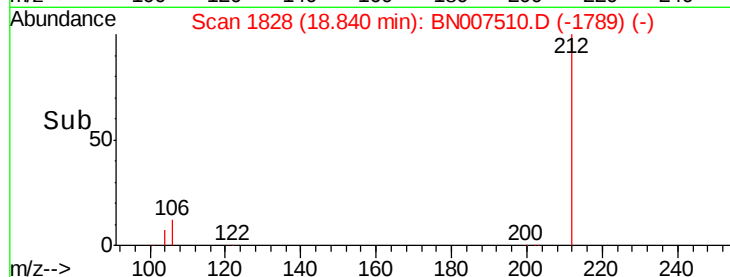
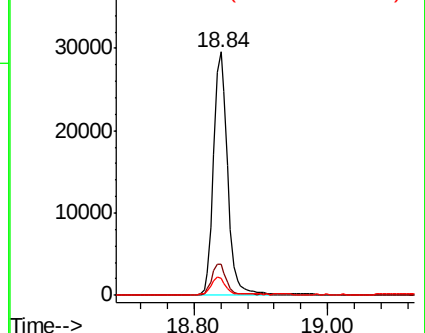
104 7.2 5.4 8.2



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: 0.342 ng

RT: 18.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

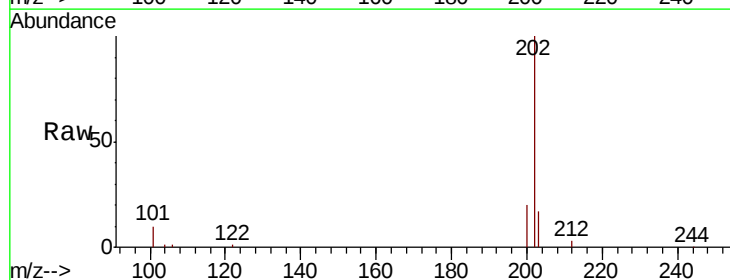
Tgt Ion:202 Resp: 48284

Ion Ratio Lower Upper

202 100

101 10.8 7.7 11.5

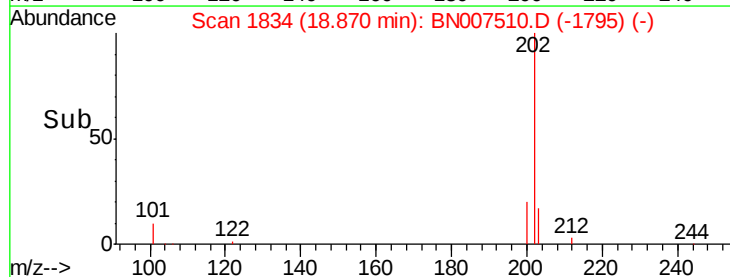
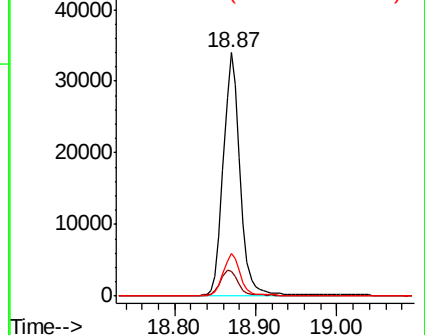
203 17.1 13.7 20.5

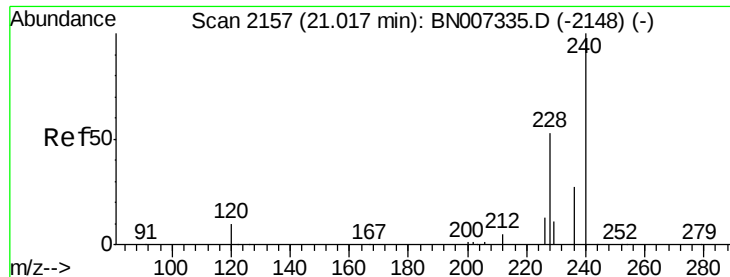


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

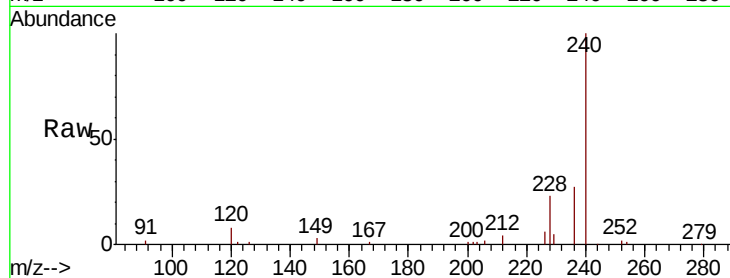
Tot Ion:240 Resp: 39108

Ion Ratio Lower Upper

240 100

120 8.1 9.6 14.4#

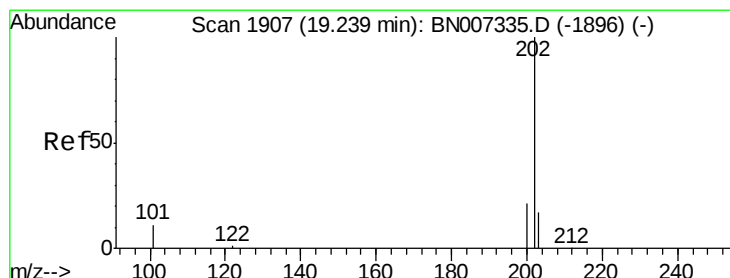
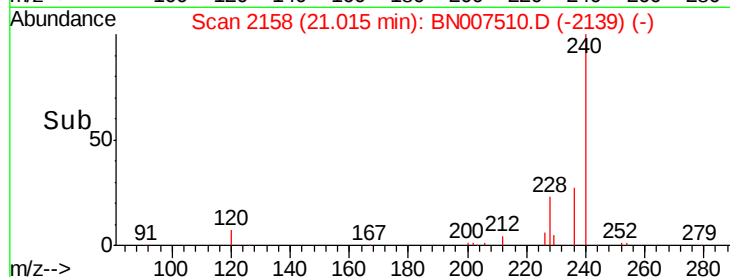
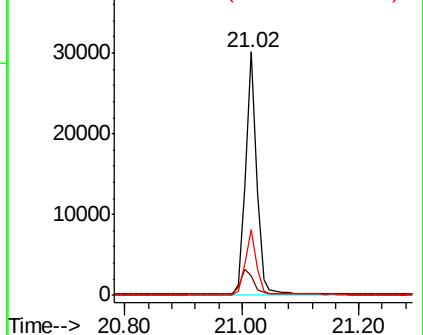
236 26.8 22.2 33.2



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: 0.316 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

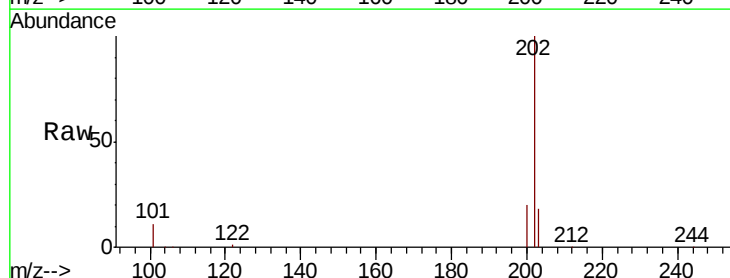
Tgt Ion:202 Resp: 49780

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

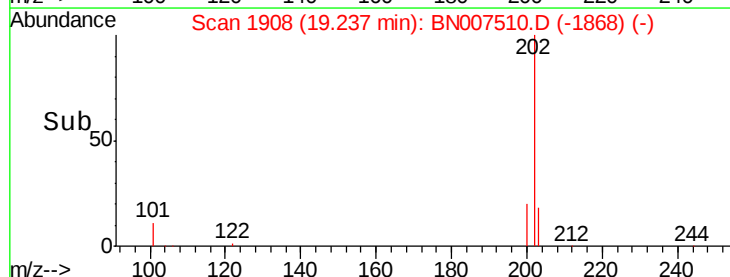
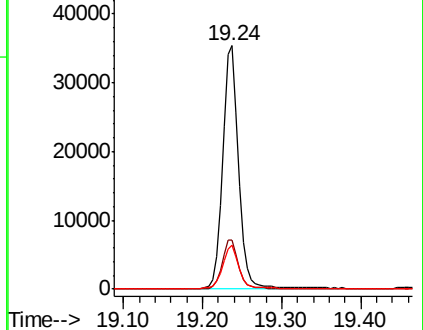
203 18.0 14.2 21.4



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: 0.328 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

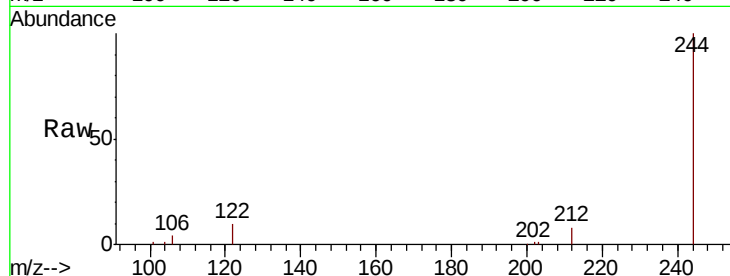
Tot Ion:244 Resp: 33602

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.6

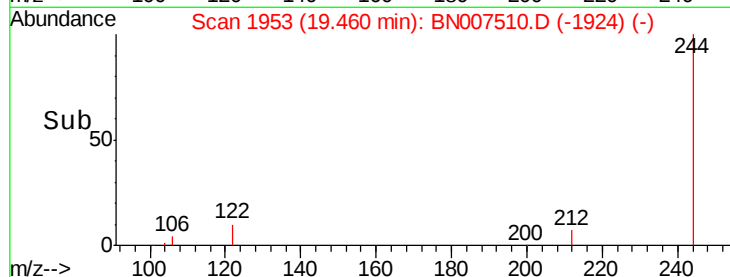
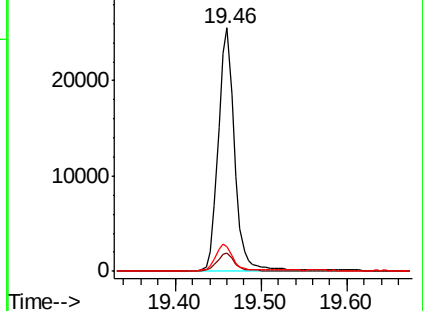
122 10.4 9.6 14.4



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: 0.298 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

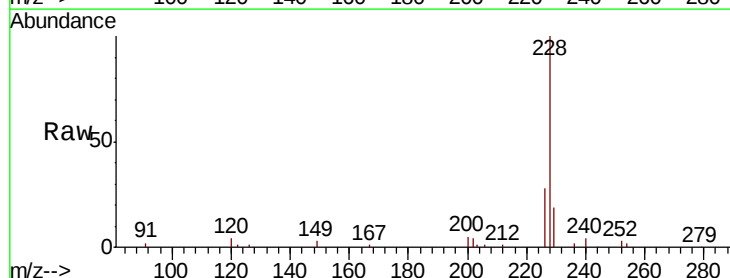
Tgt Ion:228 Resp: 45814

Ion Ratio Lower Upper

228 100

226 27.8 21.3 31.9

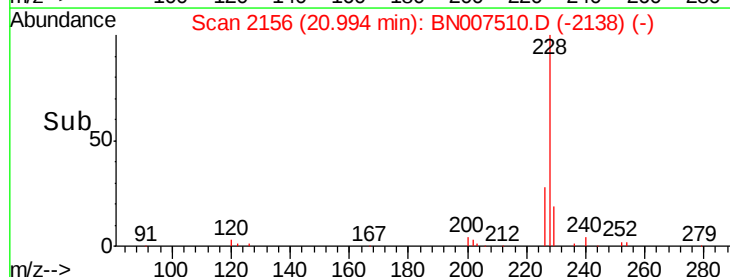
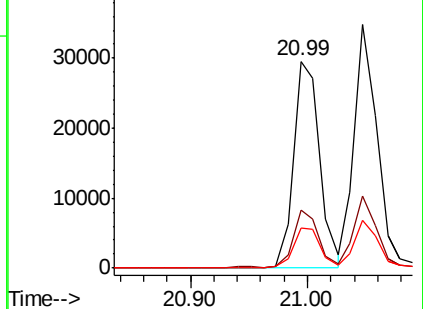
229 19.5 16.1 24.1



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: 0.316 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

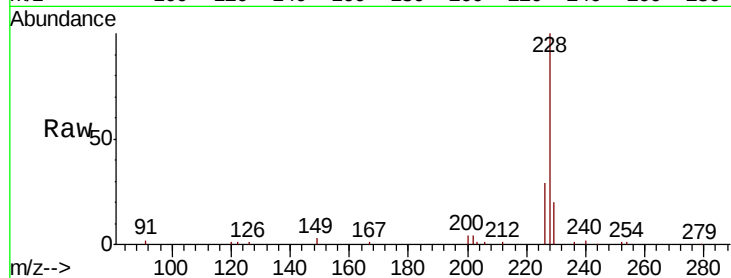
Tot Ion:228 Resp: 46828

Ion Ratio Lower Upper

228 100

226 29.4 23.5 35.3

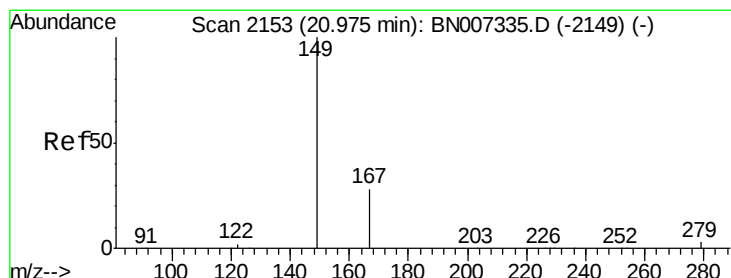
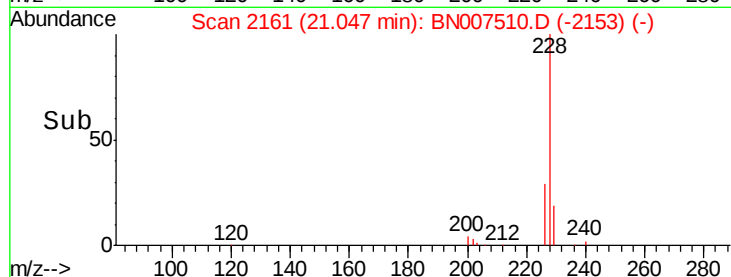
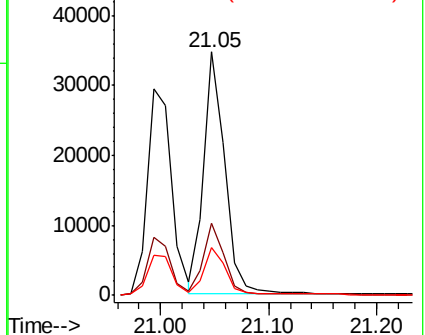
229 19.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.277 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

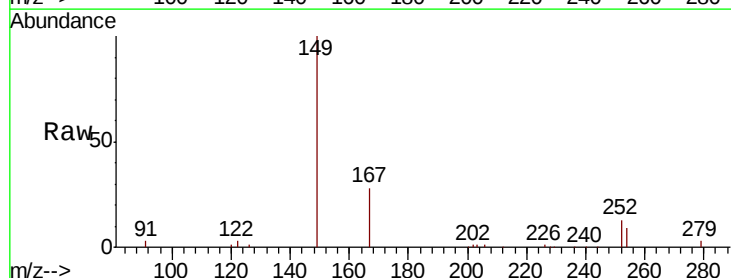
Tgt Ion:149 Resp: 29392

Ion Ratio Lower Upper

149 100

167 28.5 22.8 34.2

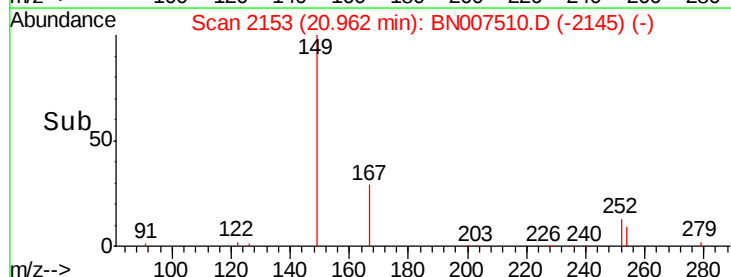
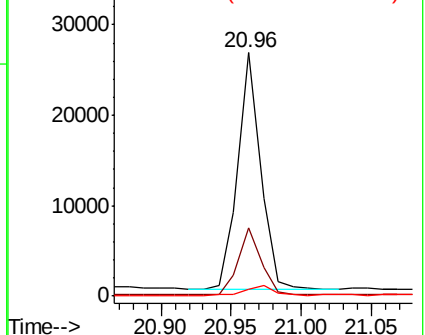
279 4.4 3.5 5.3



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

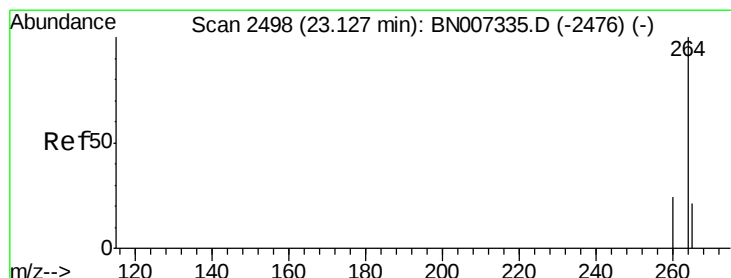
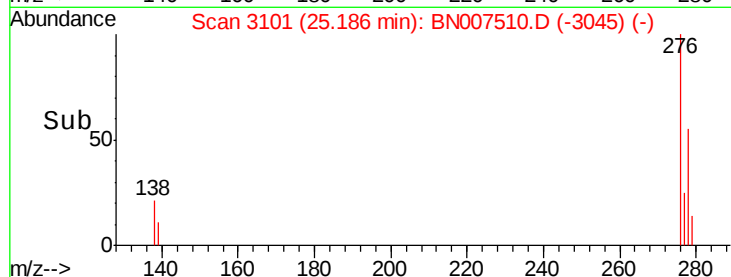
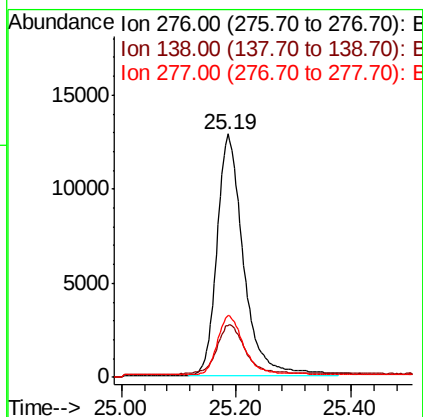
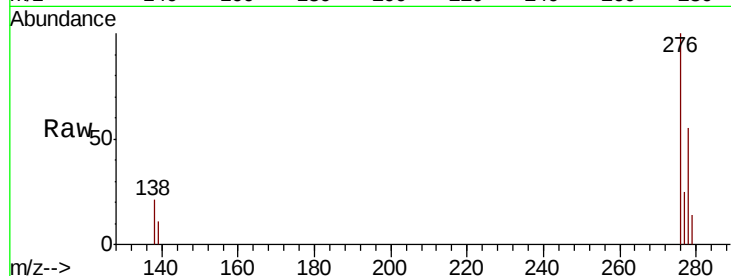




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.229 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

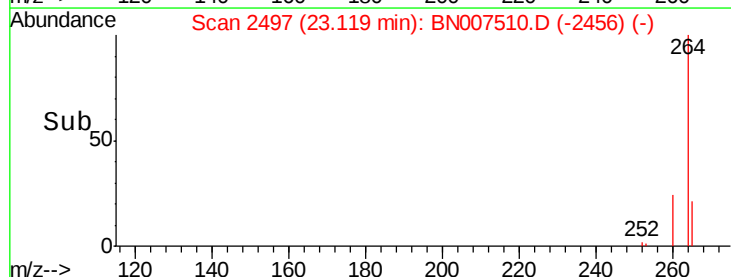
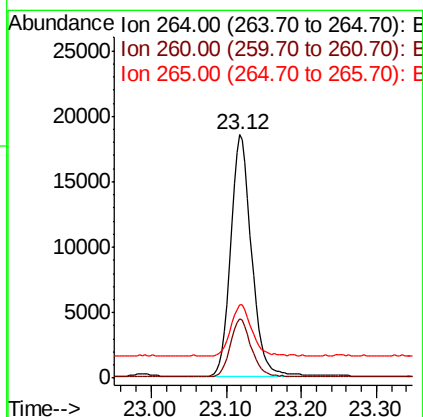
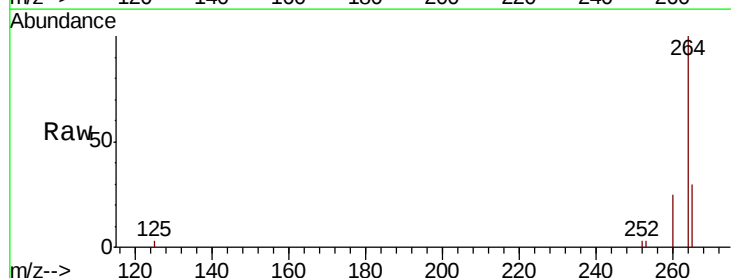
Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tot Ion:276 Resp: 40893
Ion Ratio Lower Upper
276 100
138 20.7 15.1 22.7
277 24.1 19.7 29.5



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:264 Resp: 34937
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 30.0 29.9 44.9





#35

Benzo(b)fluoranthene

Concen: 0.320 ng

RT: 22.50 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

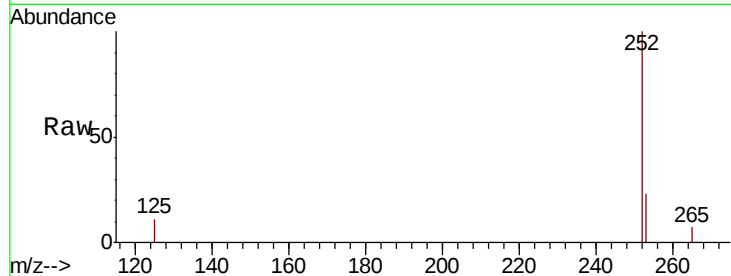
Tot Ion:252 Resp: 40512

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

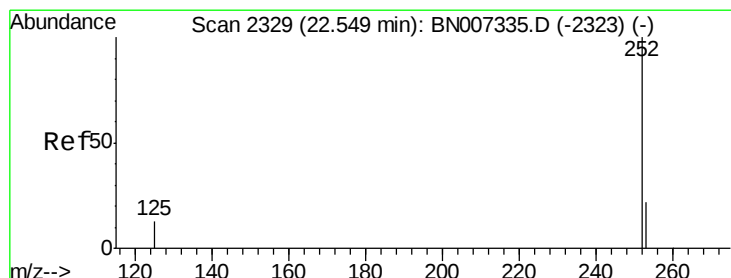
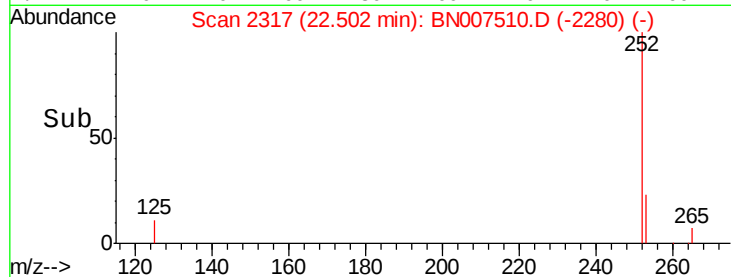
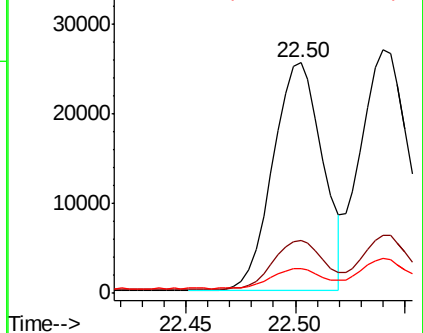
125 10.9 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.357 ng

RT: 22.54 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

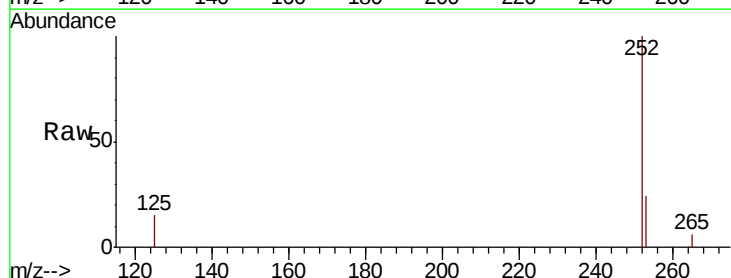
Tgt Ion:252 Resp: 44647

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

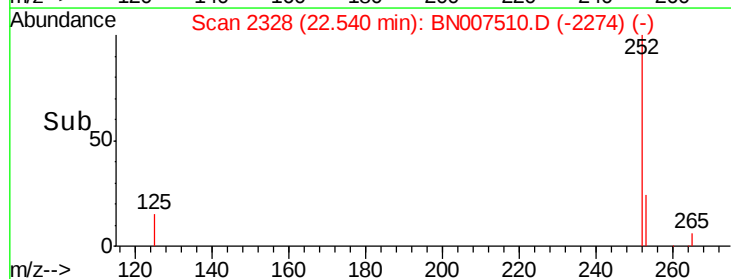
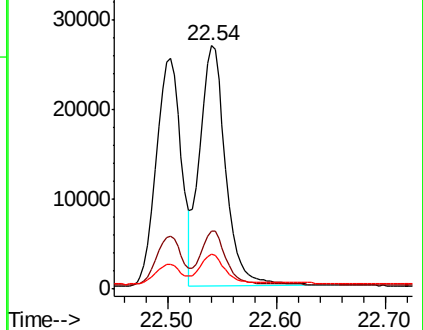
125 14.6 13.1 19.7



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: 0.321 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

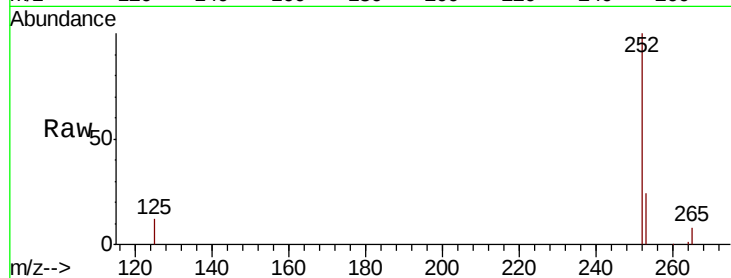
Tot Ion:252 Resp: 38723

Ion Ratio Lower Upper

252 100

253 23.7 19.5 29.3

125 12.4 12.1 18.1

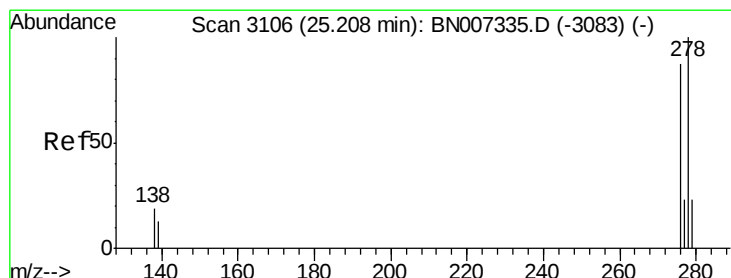
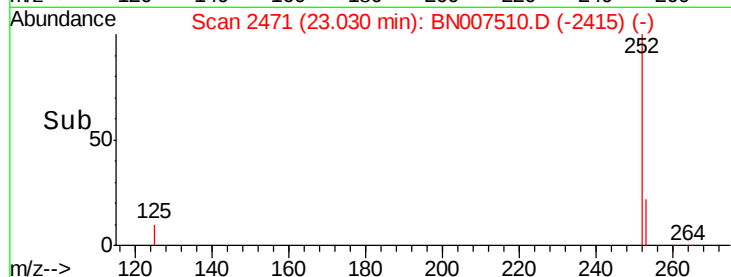
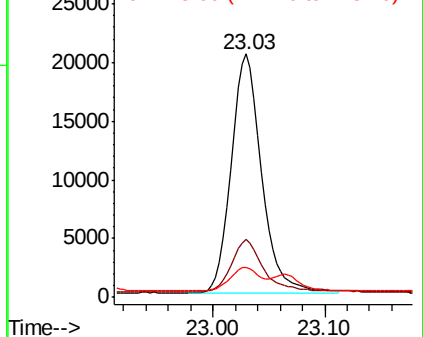


Abundance

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: 0.274 ng

RT: 25.20 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

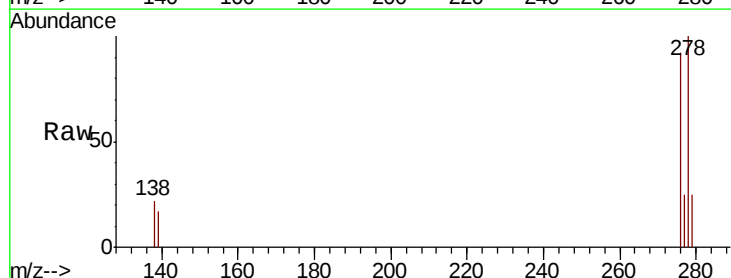
Tgt Ion:278 Resp: 32971

Ion Ratio Lower Upper

278 100

139 16.5 13.7 20.5

279 25.4 20.2 30.4

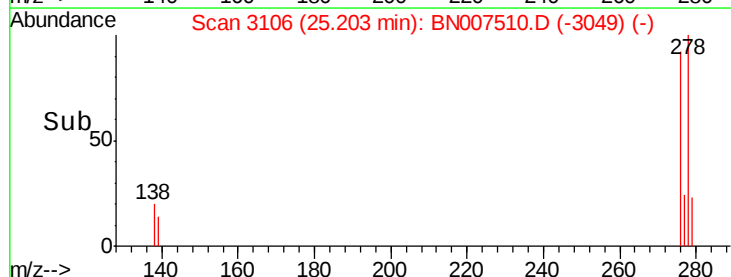
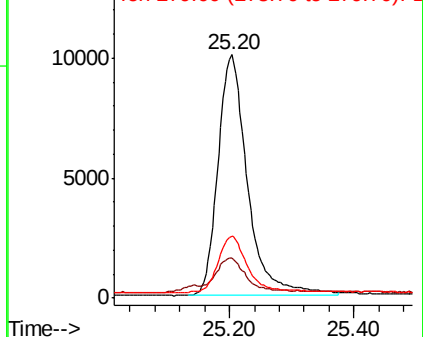


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.286 ng

RT: 25.81 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN007510.D

Acq: 29 Aug 2019 19:54

Instrument :

BNA_N

ClientSampleId :

PB122534BS

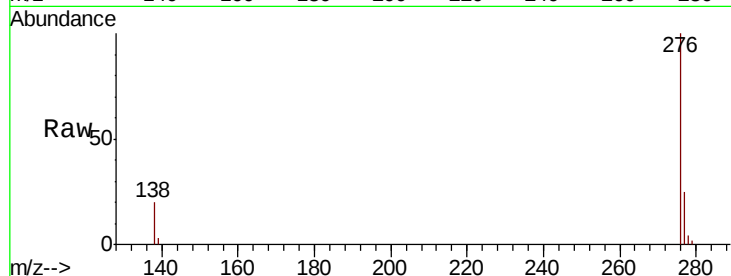
Tot Ion: 276 Resp: 34192

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 20.5 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

