

Data File : BN007512.D
Acq On : 29 Aug 2019 21:06
Operator : HP/JU
Sample : PB122289BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122289BS

Quant Time: Aug 30 02:00:42 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	4780	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	21083	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	13551	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	36266	0.40	ng	0.00
27) Chrysene-d12	21.02	240	38784	0.40	ng	0.00
34) Perylene-d12	23.12	264	34852	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	5628	0.33	ng	0.00
5) Phenol-d6	6.59	99	8009	0.38	ng	0.00
8) Nitrobenzene-d5	8.53	82	5901	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	14029	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2546	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	17358	0.32	ng	0.00
25) Fluoranthene-d10	18.84	212	42732	0.37	ng	0.00
29) Terphenyl-d14	19.46	244	33127	0.33	ng	0.00

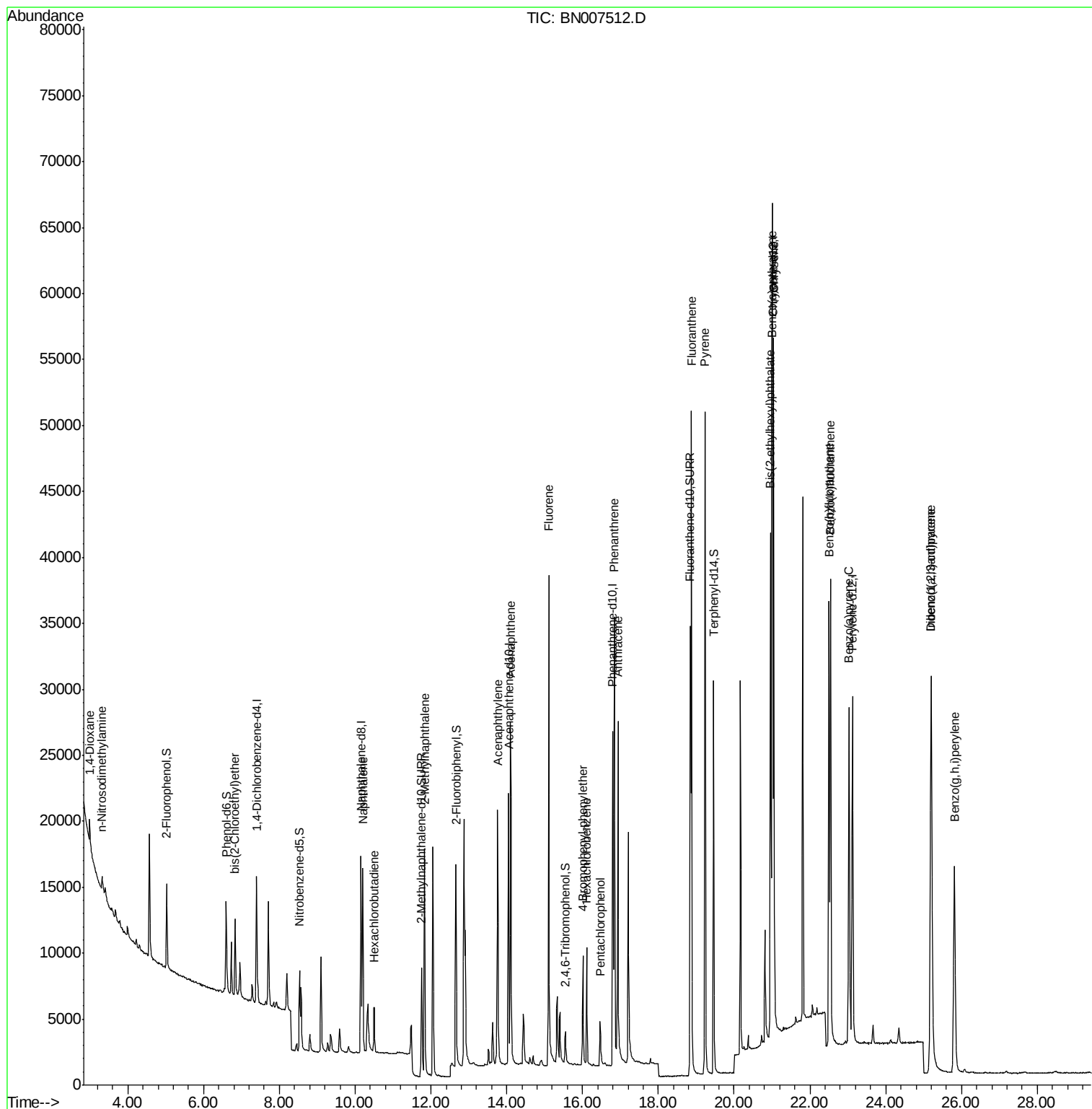
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	1926	0.243	ng	# 84
3) n-Nitrosodimethylamine	3.32	42	841	0.228	ng	# 57
6) bis(2-Chloroethyl)ether	6.83	93	5439	0.315	ng	97
9) Naphthalene	10.20	128	19626	0.326	ng	# 90
10) Hexachlorobutadiene	10.51	225	3304	0.268	ng	# 100
12) 2-Methylnaphthalene	11.83	142	13916	0.339	ng	95
16) Acenaphthylene	13.76	152	23559	0.294	ng	99
17) Acenaphthene	14.10	154	14806	0.316	ng	98
18) Fluorene	15.10	166	19741	0.333	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	3611	0.252	ng	95
21) Hexachlorobenzene	16.11	284	7675	0.316	ng	95
22) Pentachlorophenol	16.46	266	2401	0.318	ng	# 65
23) Phenanthrene	16.84	178	35802	0.328	ng	99
24) Anthracene	16.93	178	33802	0.308	ng	99
26) Fluoranthene	18.87	202	48931	0.349	ng	99
28) Pyrene	19.23	202	49943	0.320	ng	99
30) Benzo(a)anthracene	20.99	228	46107	0.303	ng	98
31) Chrysene	21.05	228	46704	0.318	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	27172	0.257	ng	100
33) Indeno(1,2,3-cd)pyrene	25.19	276	40861	0.231	ng	97
35) Benzo(b)fluoranthene	22.50	252	41393	0.328	ng	96
36) Benzo(k)fluoranthene	22.54	252	43495	0.349	ng	97
37) Benzo(a)pyrene	23.03	252	38999	0.325	ng	97
38) Dibenzo(a,h)anthracene	25.21	278	32735	0.273	ng	99
39) Benzo(g,h,i)perylene	25.81	276	34282	0.287	ng	100

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

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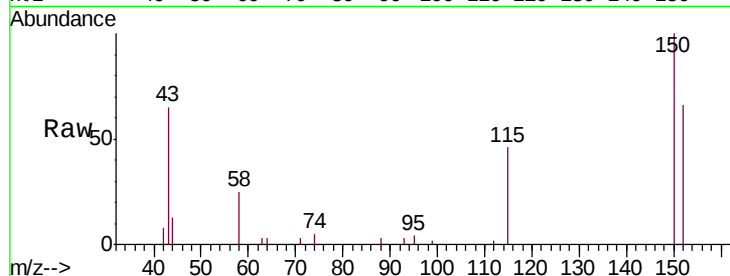


#1

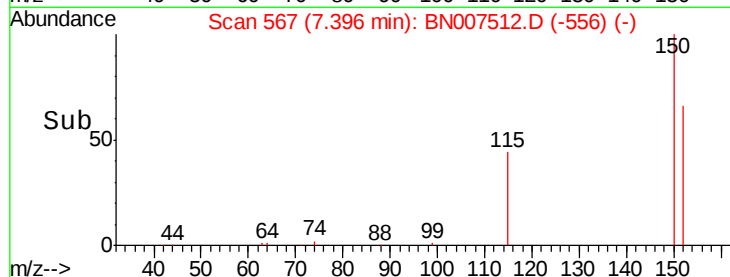
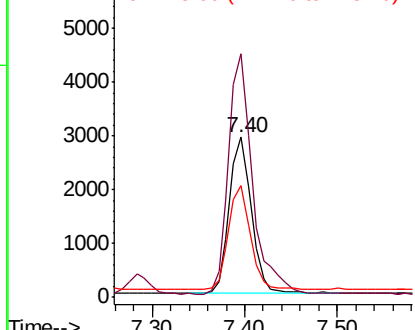
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
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Instrument :
BNA_N
ClientSampleId :
PB122289BS

Tgt Ion:152 Resp: 4780
Ion Ratio Lower Upper
152 100
150 152.1 109.1 163.7
115 69.8 59.6 89.4



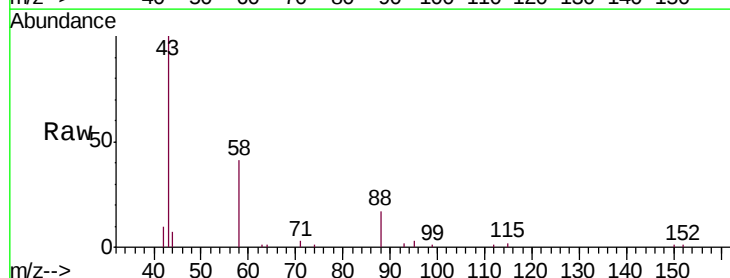
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



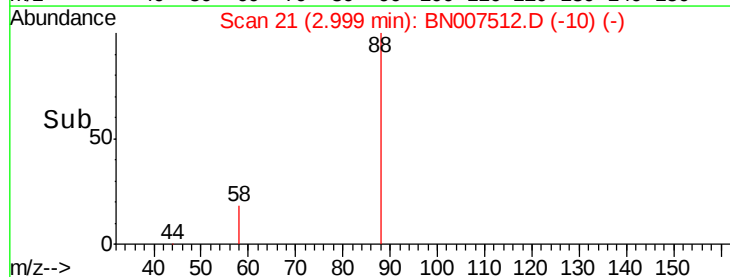
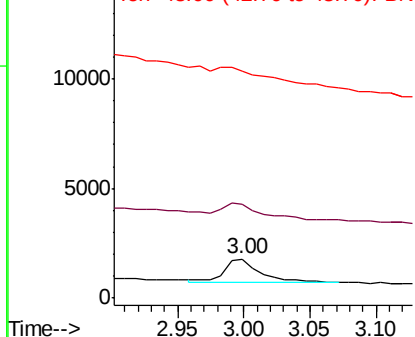
#2

1,4-Dioxane
Concen: 0.243 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007512.D
Acq: 29 Aug 2019 21:06

Tgt Ion: 88 Resp: 1926
Ion Ratio Lower Upper
88 100
58 75.7 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: 0.228 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS

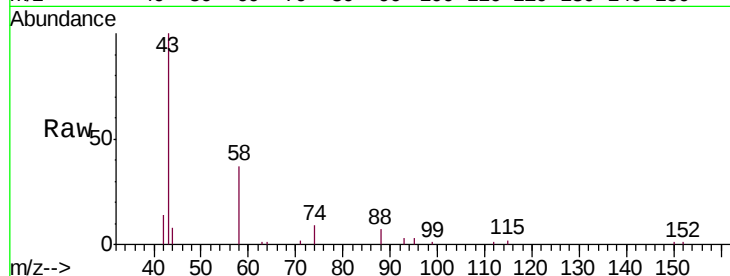
Tgt Ion: 42 Resp: 841

Ion Ratio Lower Upper

42 100

74 243.3 144.7 217.1#

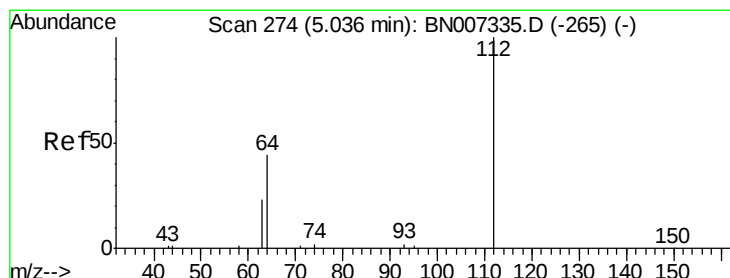
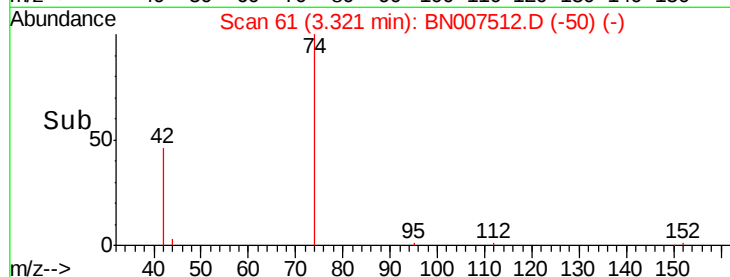
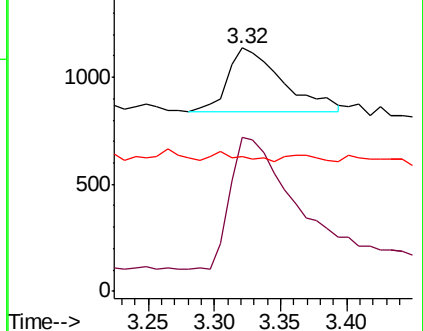
44 7.4 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BN007512.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BN007512.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BN007512.D (-50) (-)



#4

2-Fluorophenol

Concen: 0.335 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

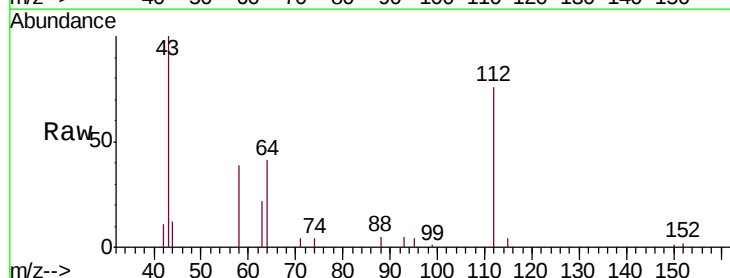
Tgt Ion: 112 Resp: 5628

Ion Ratio Lower Upper

112 100

64 54.5 42.3 63.5

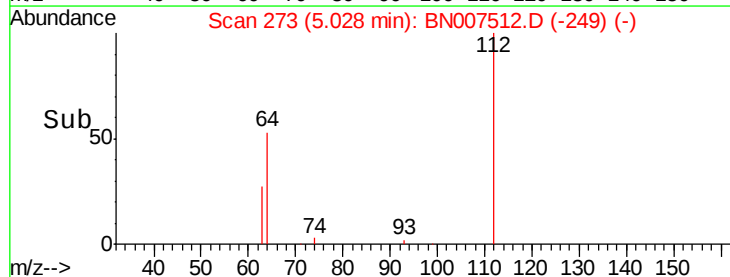
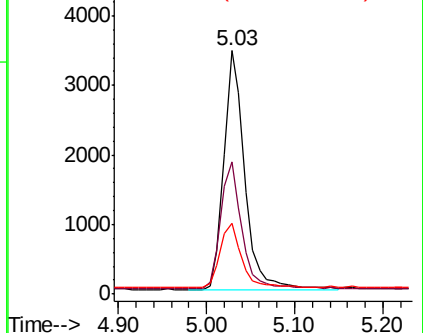
63 27.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BN007512.D (-249) (-)

Ion 64.00 (63.70 to 64.70): BN007512.D (-249) (-)

Ion 63.00 (62.70 to 63.70): BN007512.D (-249) (-)





#5

Phenol-d6

Concen: 0.378 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS

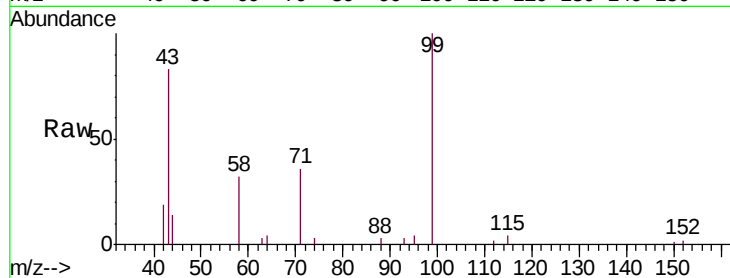
Tgt Ion: 99 Resp: 8009

Ion Ratio Lower Upper

99 100

42 10.7 11.2 16.8#

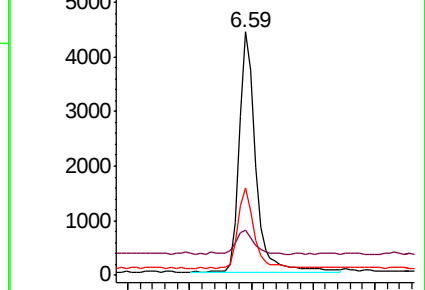
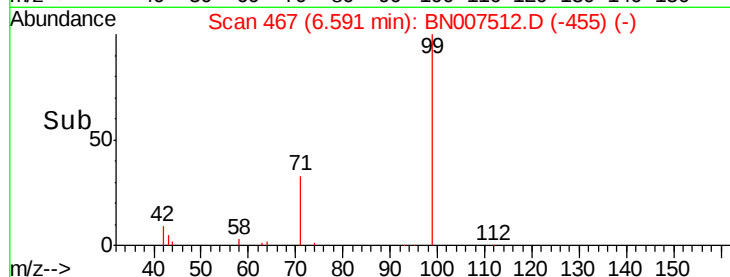
71 32.2 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007512.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007512.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007512.D (-455) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.315 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

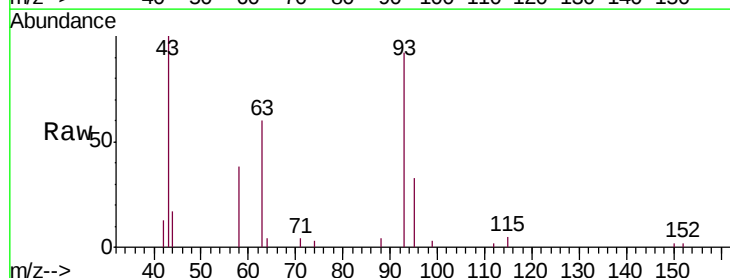
Tgt Ion: 93 Resp: 5439

Ion Ratio Lower Upper

93 100

63 62.9 51.9 77.9

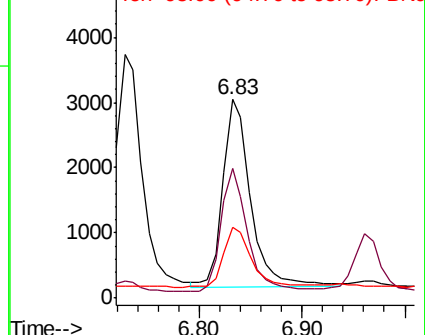
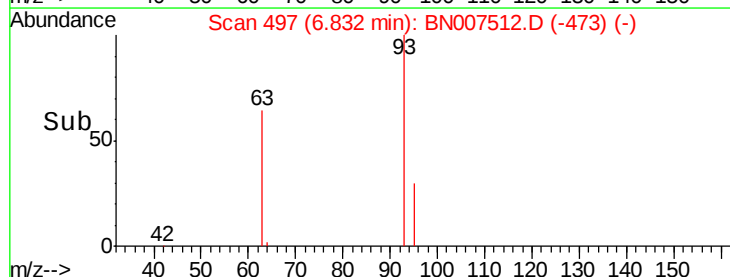
95 31.9 27.7 41.5

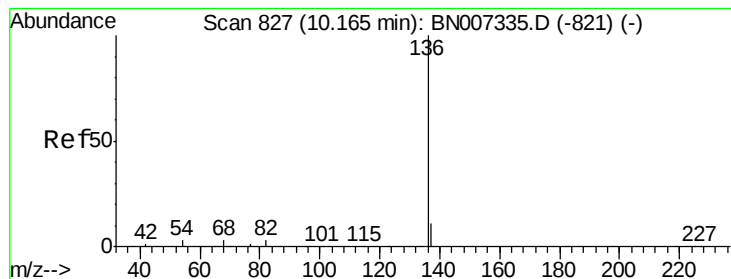


Abundance Ion 93.00 (92.70 to 93.70): BN007512.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN007512.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007512.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

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Tgt Ion:136 Resp: 21083

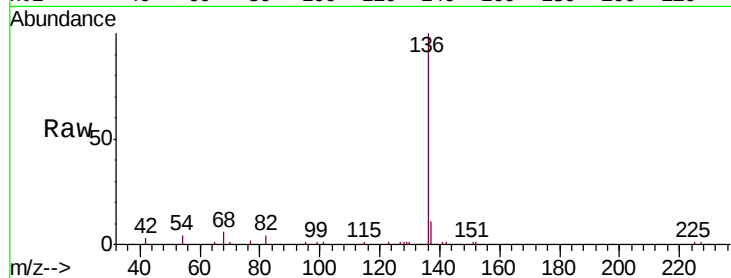
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 4.3 8.6 12.8#

68 6.0 17.0 25.4#

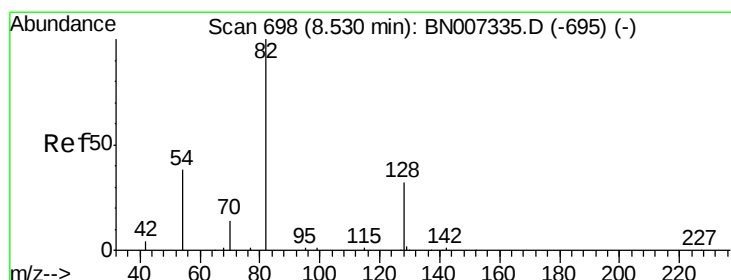
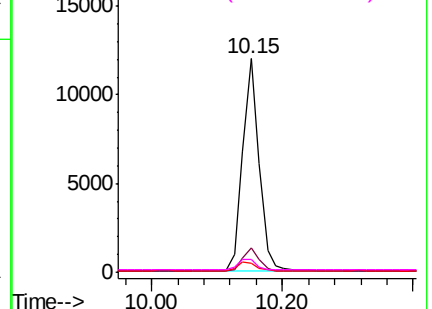
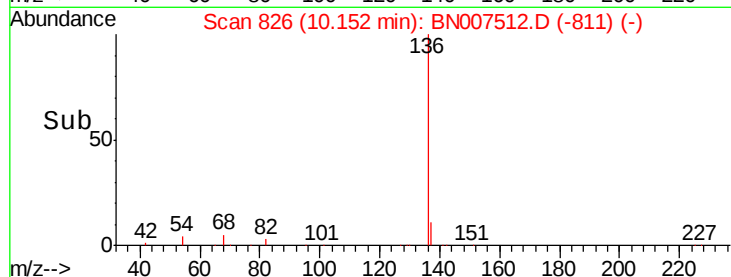


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.322 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

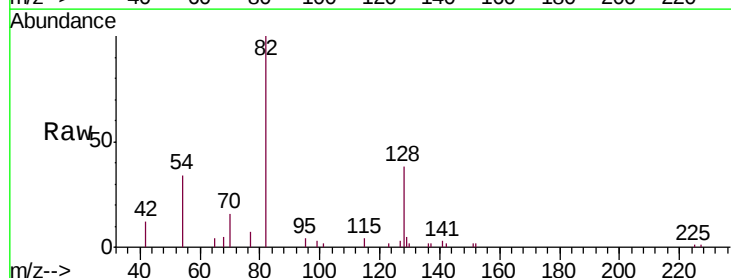
Tgt Ion: 82 Resp: 5901

Ion Ratio Lower Upper

82 100

128 38.4 19.7 29.5#

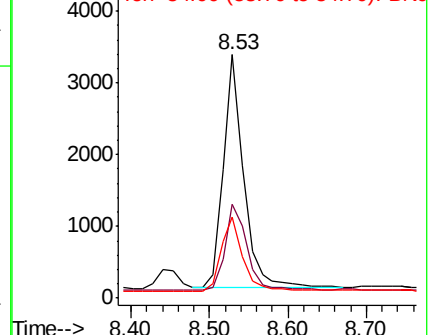
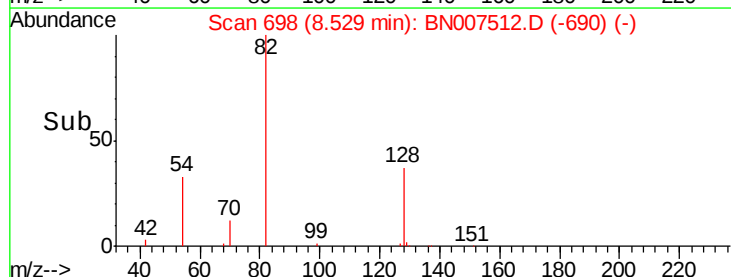
54 33.5 25.8 38.6



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: 0.326 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

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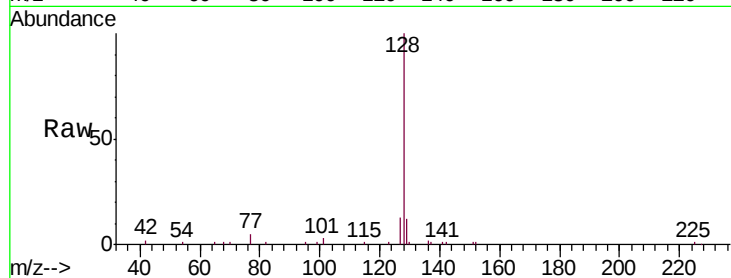
Tgt Ion:128 Resp: 19626

Ion Ratio Lower Upper

128 100

129 11.7 11.1 16.7

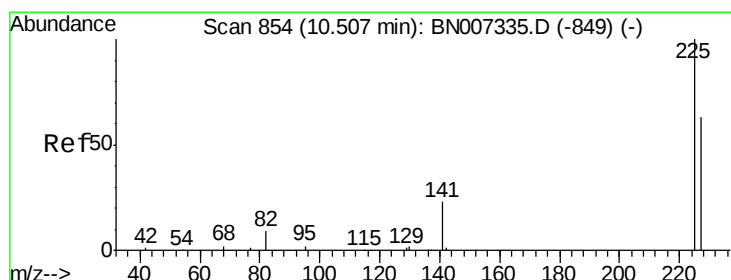
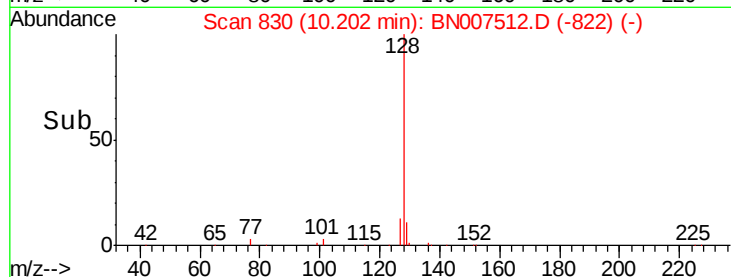
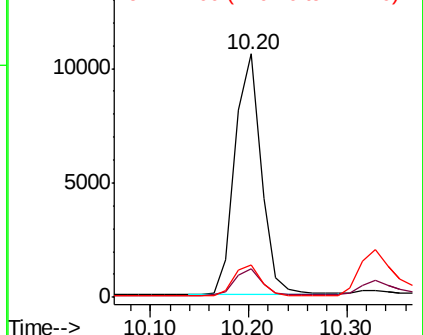
127 13.4 15.5 23.3#



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: BN007512.D

Acq: 29 Aug 2019 21:06

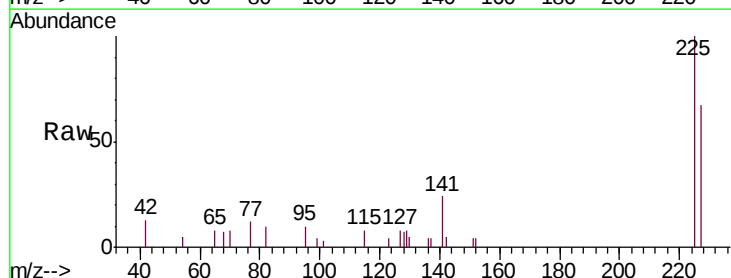
Tgt Ion:225 Resp: 3304

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

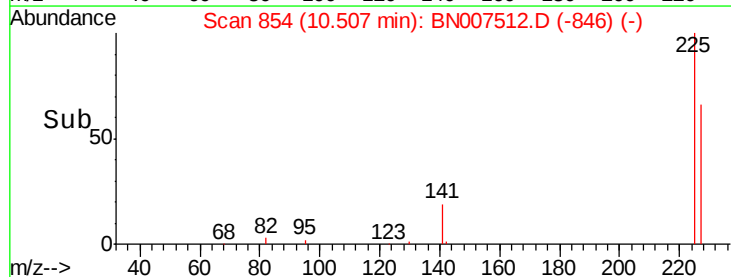
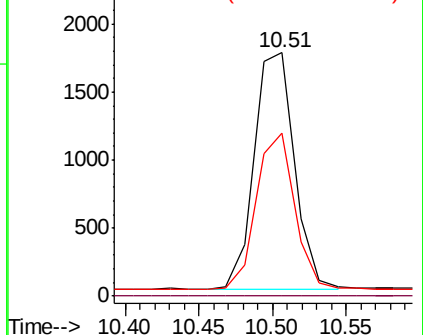
227 63.0 50.7 76.1



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: 0.400 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

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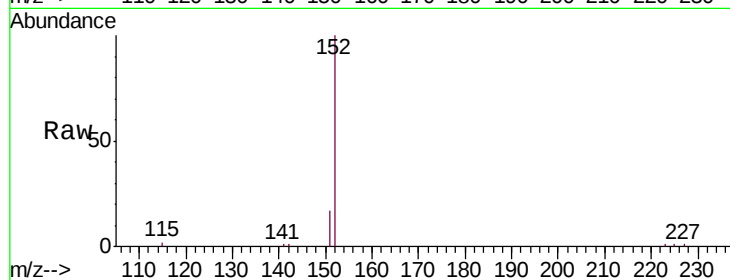
PB122289BS

Tgt Ion:152 Resp: 14029

Ion Ratio Lower Upper

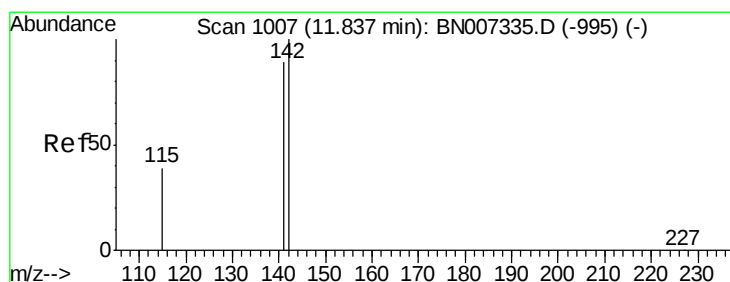
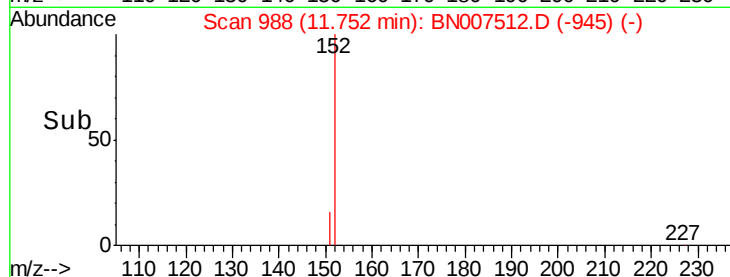
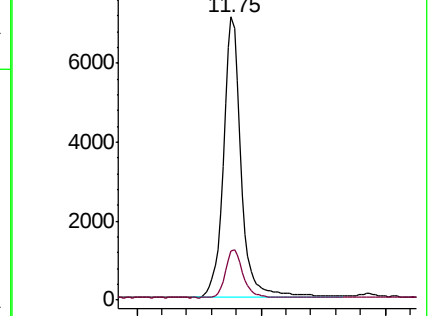
152 100

151 17.2 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: 0.339 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

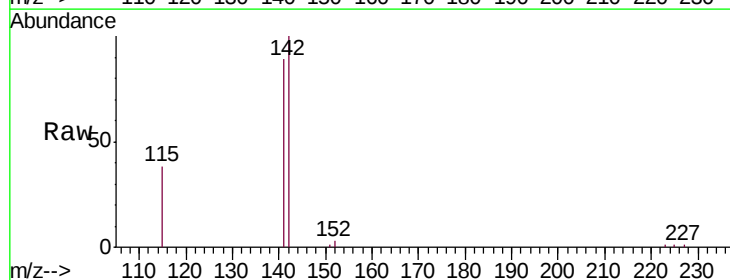
Tgt Ion:142 Resp: 13916

Ion Ratio Lower Upper

142 100

141 88.5 72.8 109.2

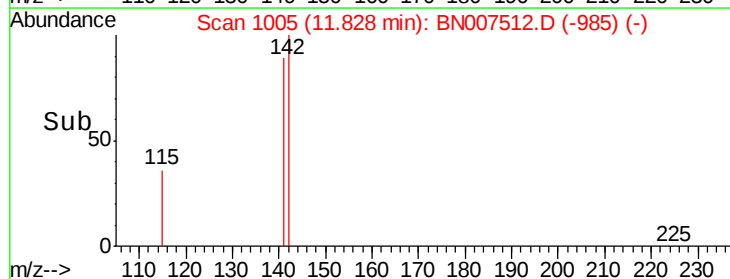
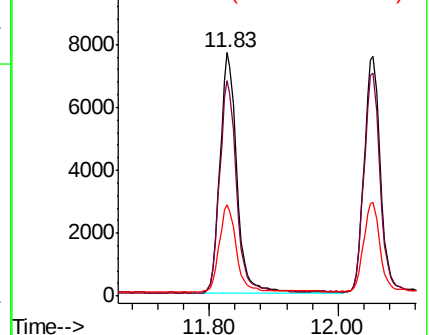
115 37.5 35.2 52.8



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: BN007512.D

Acq: 29 Aug 2019 21:06

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BNA_N

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PB122289BS

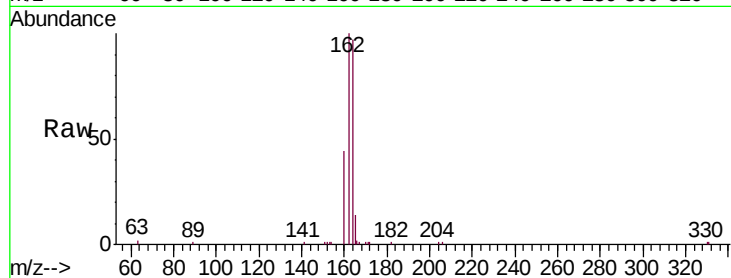
Tgt Ion:164 Resp: 13551

Ion Ratio Lower Upper

164 100

162 102.8 83.5 125.3

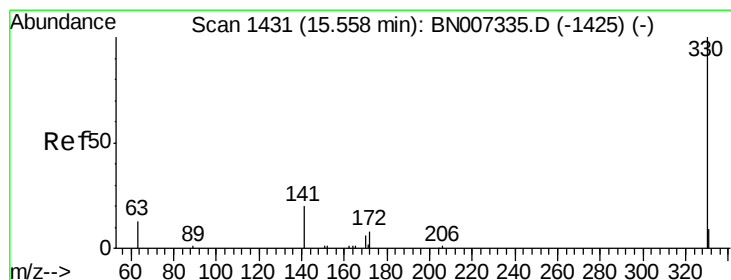
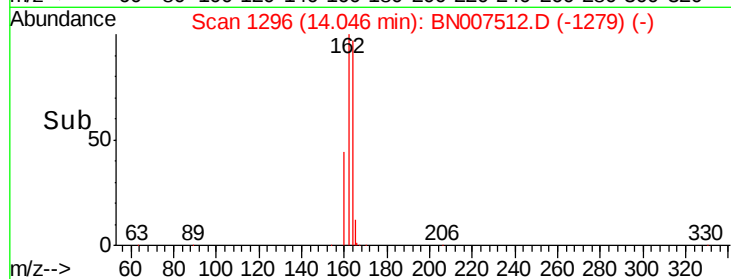
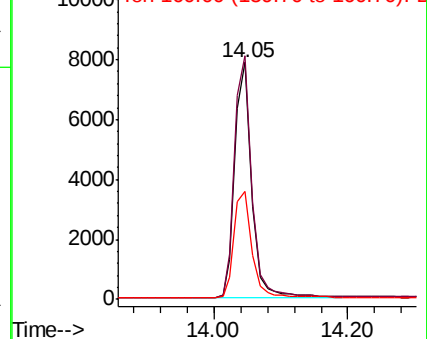
160 45.7 38.2 57.4



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: 0.359 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

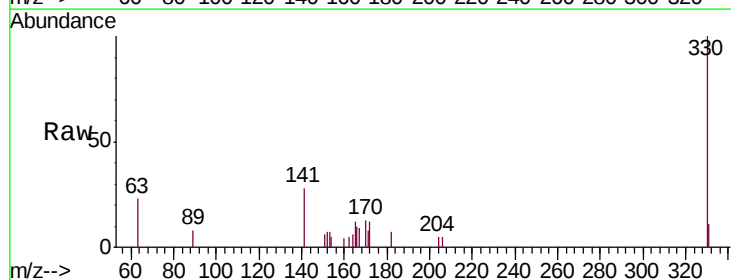
Tgt Ion:330 Resp: 2546

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

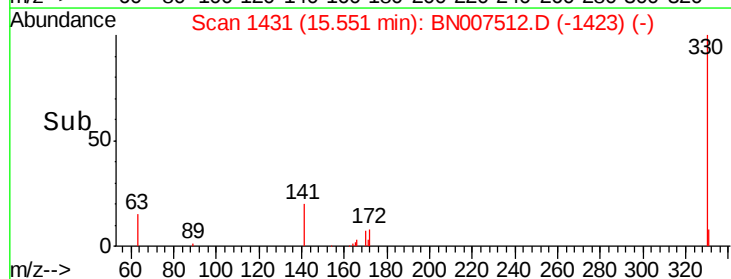
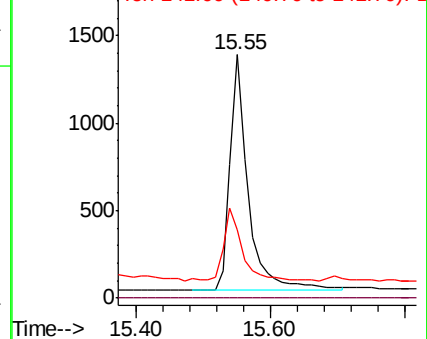
141 30.7 26.9 40.3



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

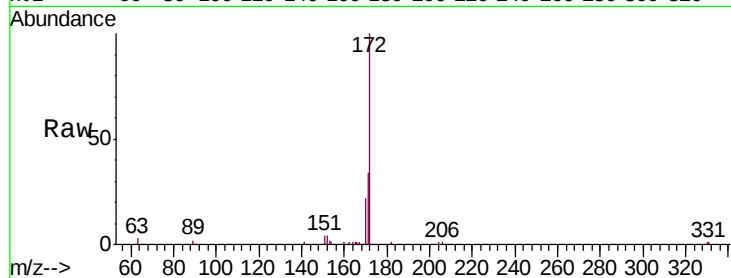




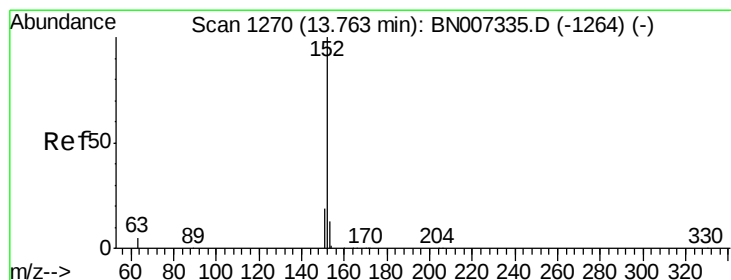
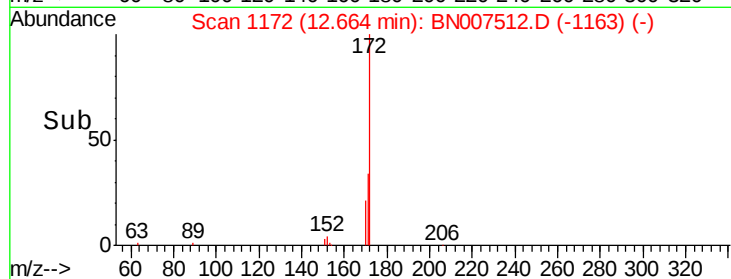
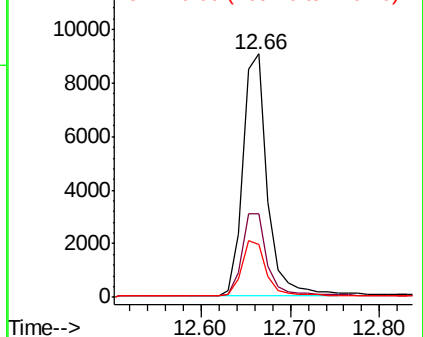
#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BN007512.D
Acq: 29 Aug 2019 21:06

Instrument :
BNA_N
ClientSampleId :
PB122289BS

Tgt Ion:172 Resp: 17358
Ion Ratio Lower Upper
172 100
171 34.1 30.3 45.5
170 21.7 20.7 31.1

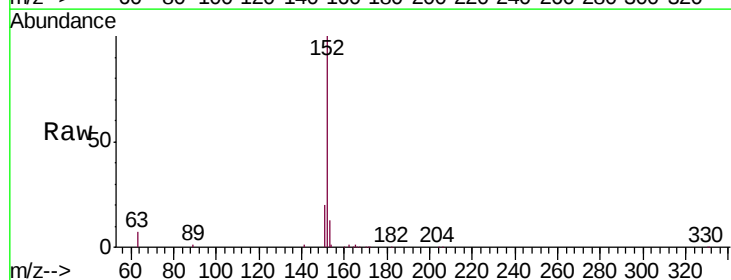


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

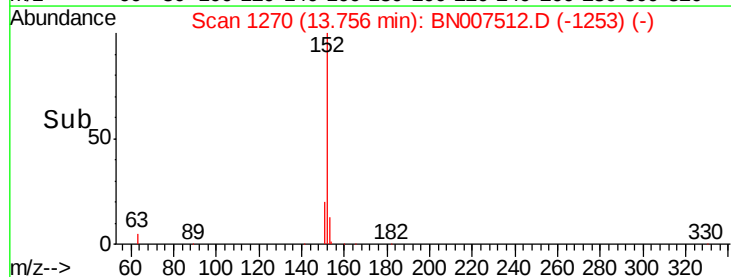
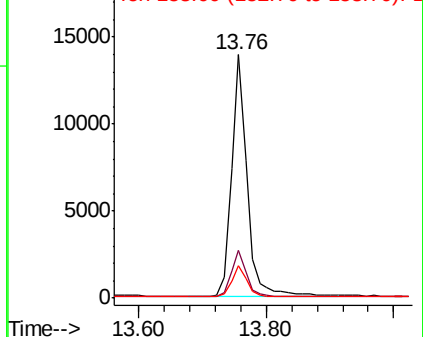


#16
Acenaphthylene
Concen: 0.294 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007512.D
Acq: 29 Aug 2019 21:06

Tgt Ion:152 Resp: 23559
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.1 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: 0.316 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS

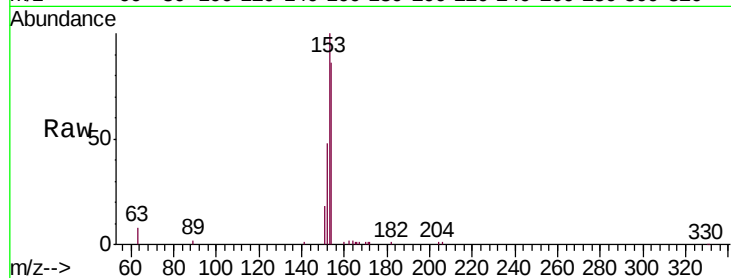
Tgt Ion:154 Resp: 14806

Ion Ratio Lower Upper

154 100

153 113.3 92.8 139.2

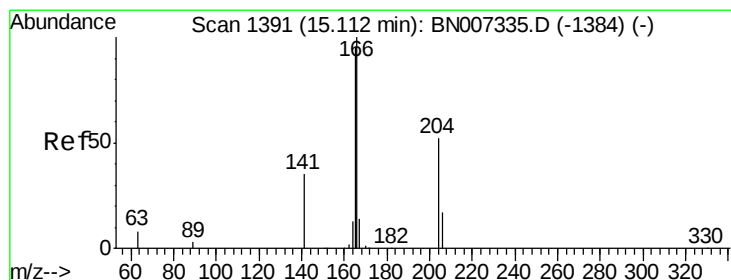
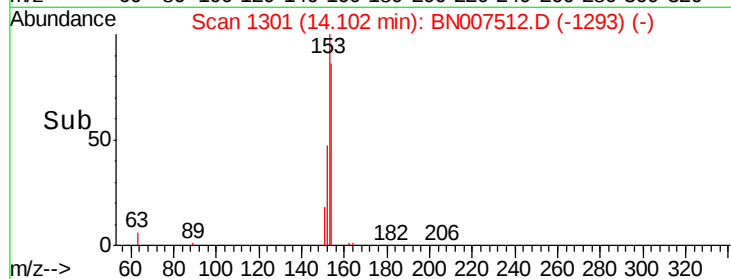
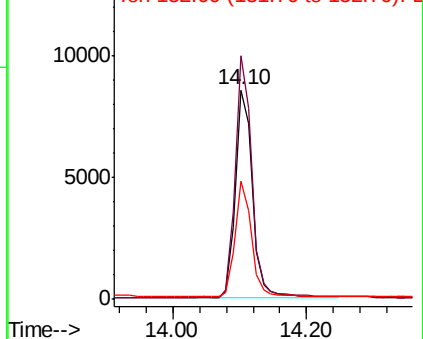
152 53.0 43.8 65.8



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: 0.333 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

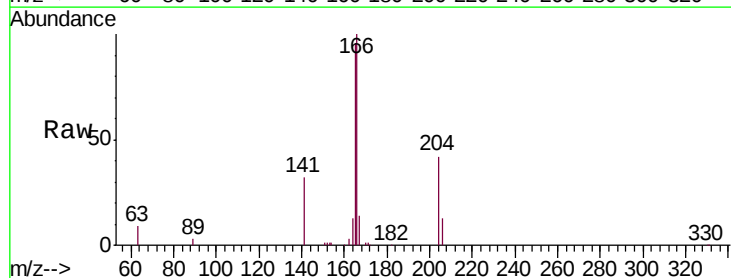
Tgt Ion:166 Resp: 19741

Ion Ratio Lower Upper

166 100

165 97.7 79.0 118.4

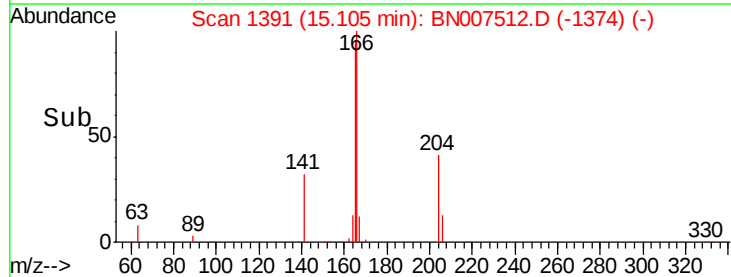
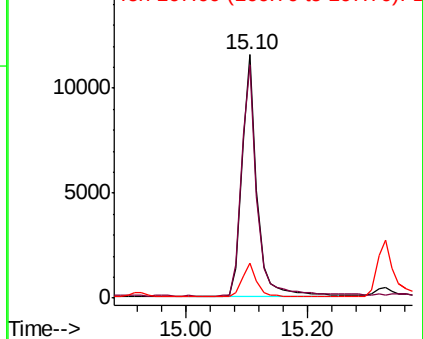
167 13.6 10.6 15.8



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: BN007512.D

Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS

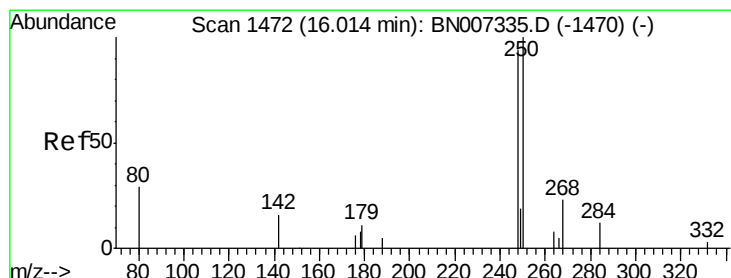
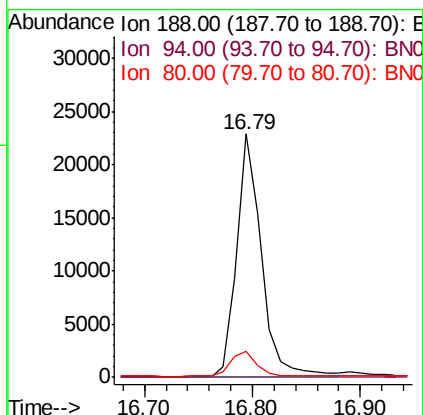
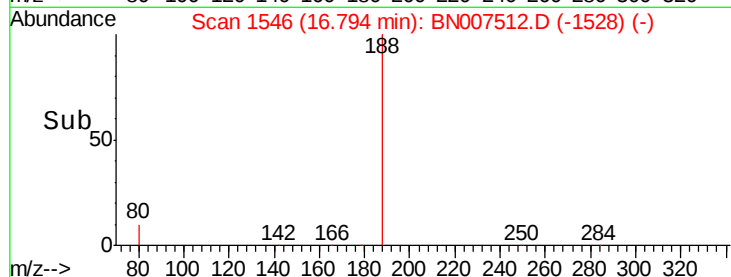
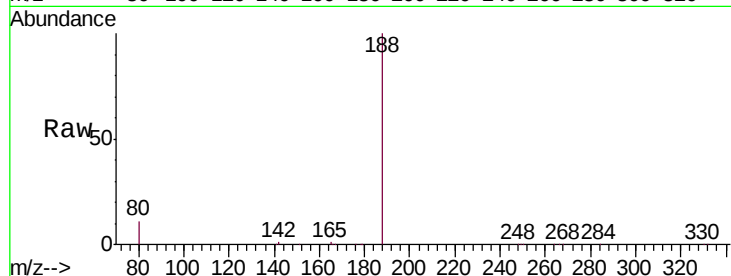
Tgt Ion:188 Resp: 36266

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.8 11.8 17.8#



#20

4-Bromophenyl-phenylether

Concen: 0.252 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

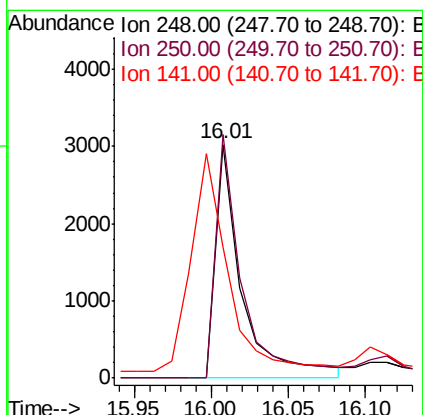
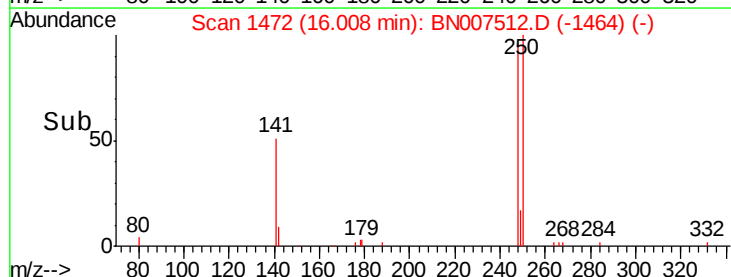
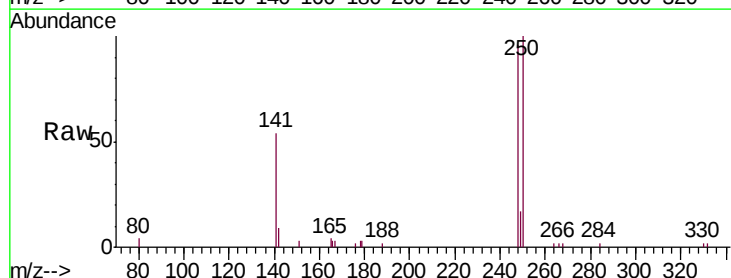
Tgt Ion:248 Resp: 3611

Ion Ratio Lower Upper

248 100

250 104.1 85.0 127.6

141 56.1 51.7 77.5





#21

Hexachlorobenzene

Concen: 0.316 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

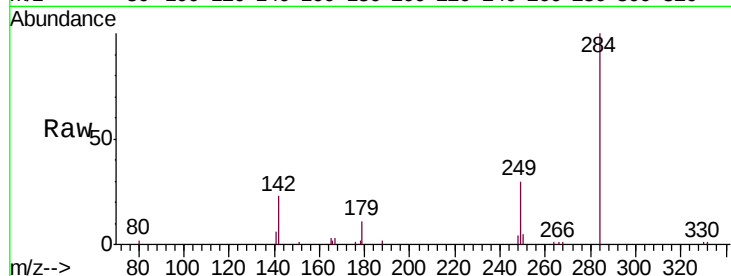
Instrument :

BNA_N

ClientSampleId :

PB122289BS

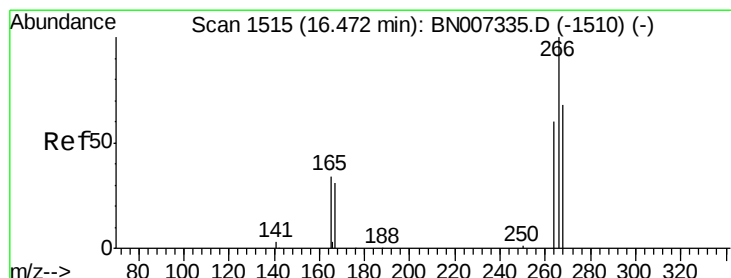
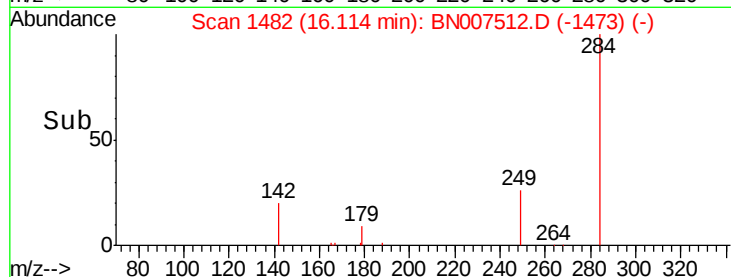
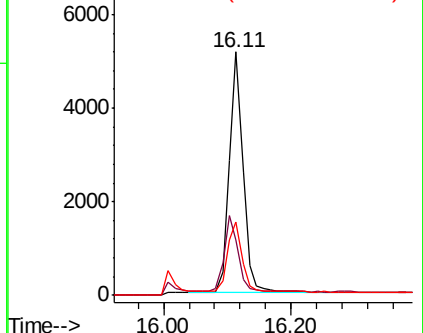
Tgt Ion:	284	Resp:	7675
Ion	Ratio	Lower	Upper
284	100		
142	31.3	29.0	43.6
249	30.5	24.9	37.3



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: 0.318 ng

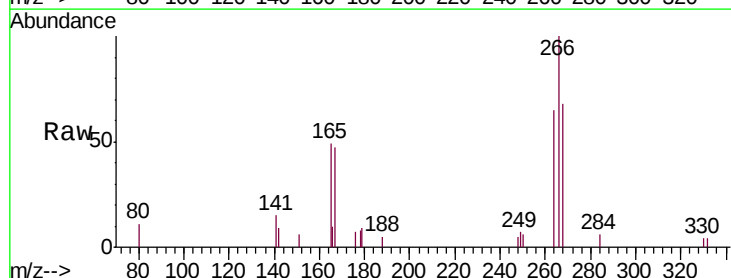
RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

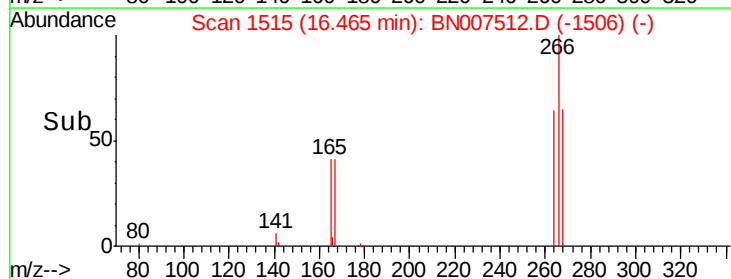
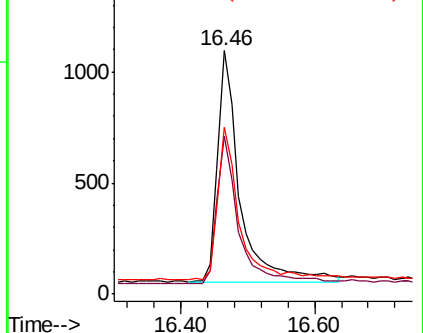
Tgt Ion:	266	Resp:	2401
Ion	Ratio	Lower	Upper
266	100		
264	64.7	57.8	86.8
268	68.4	99.7	149.5#



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: 0.328 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS

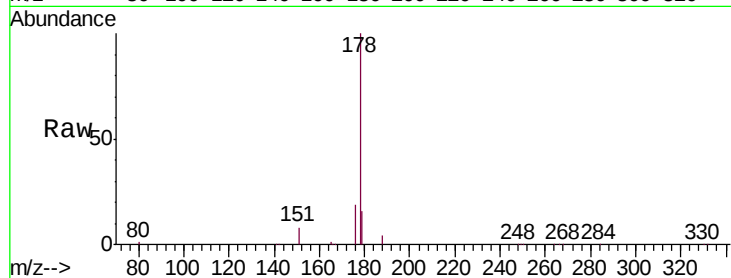
Tgt Ion:178 Resp: 35802

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

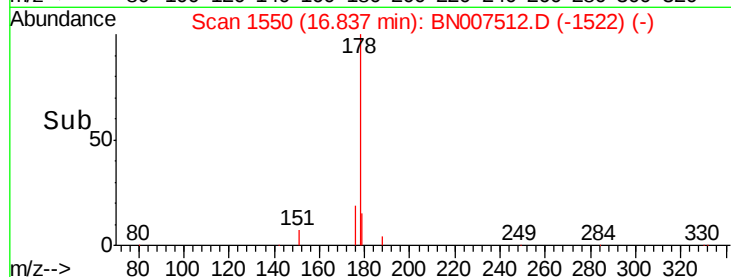
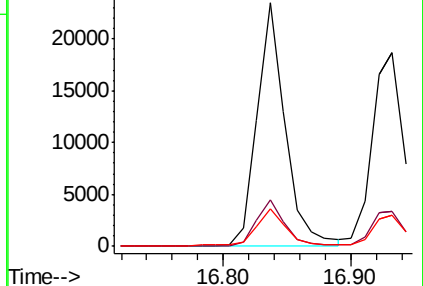
179 15.5 12.6 19.0



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: 0.308 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

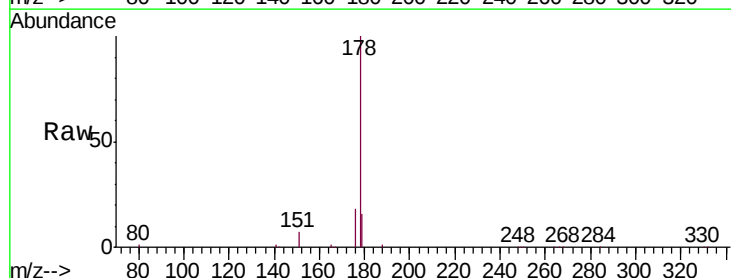
Tgt Ion:178 Resp: 33802

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

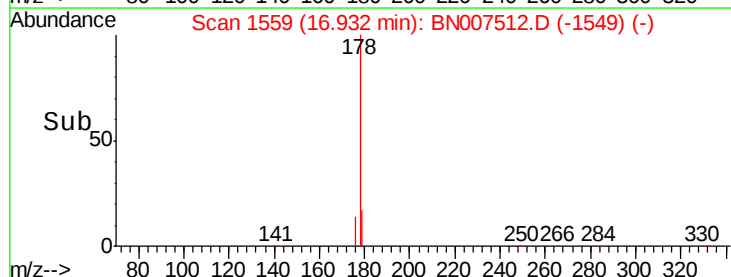
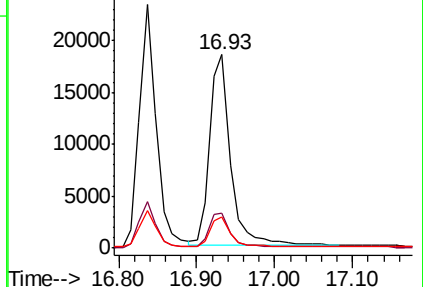
179 15.1 12.4 18.6

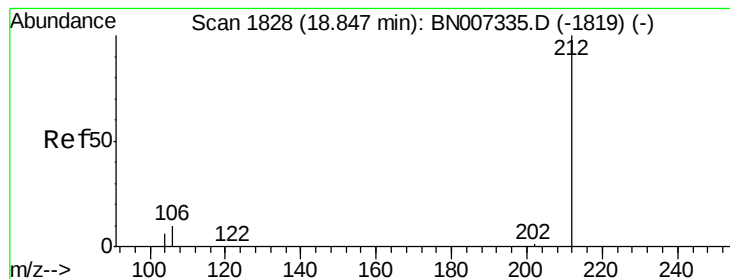


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS

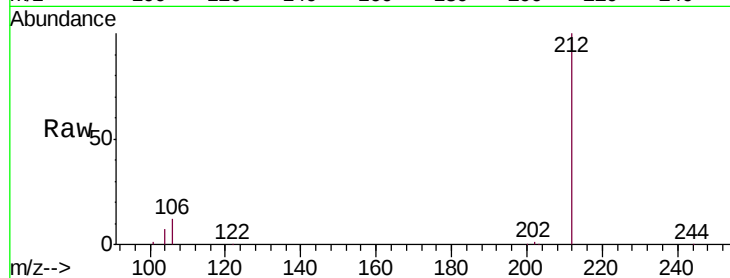
Tgt Ion:212 Resp: 42732

Ion Ratio Lower Upper

212 100

106 12.7 9.0 13.4

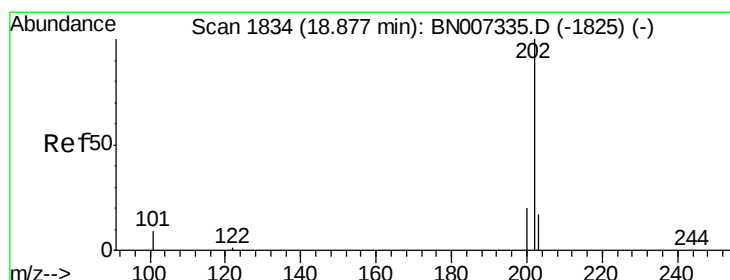
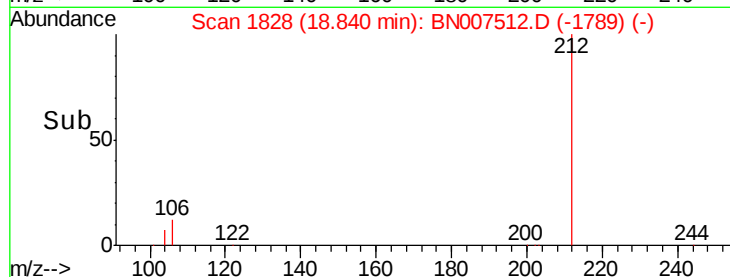
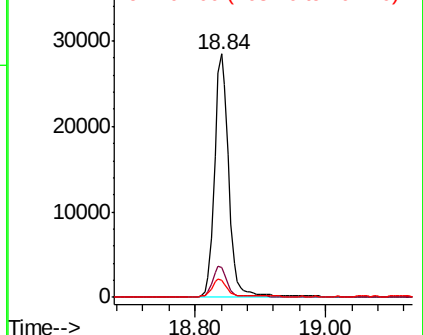
104 7.2 5.4 8.2



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: 0.349 ng

RT: 18.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

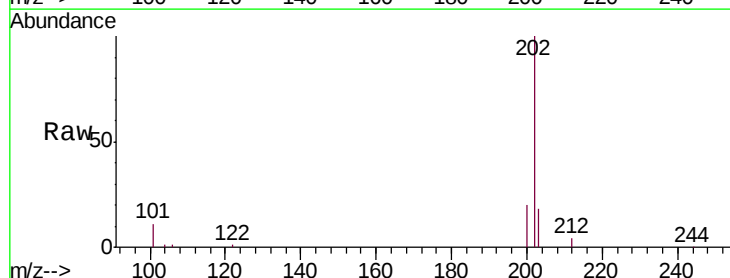
Tgt Ion:202 Resp: 48931

Ion Ratio Lower Upper

202 100

101 10.9 7.7 11.5

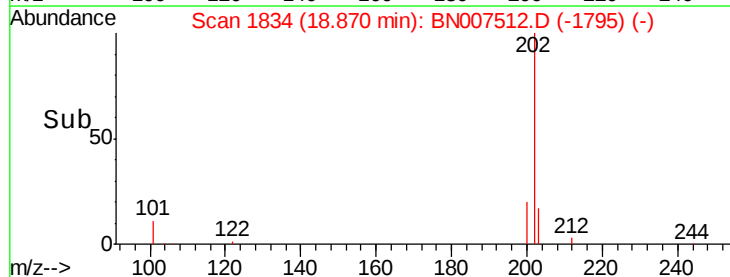
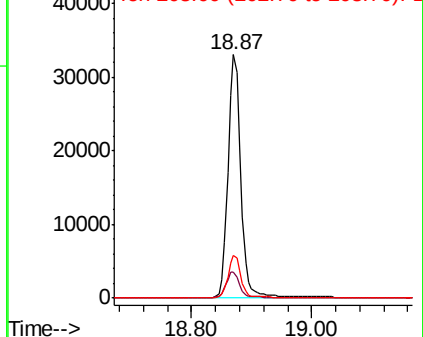
203 16.9 13.7 20.5



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

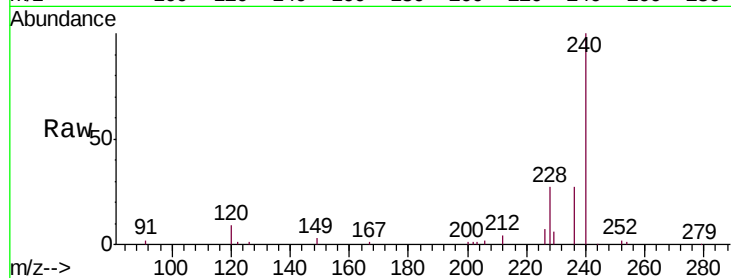




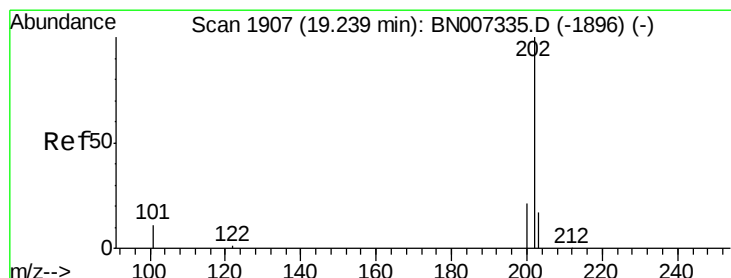
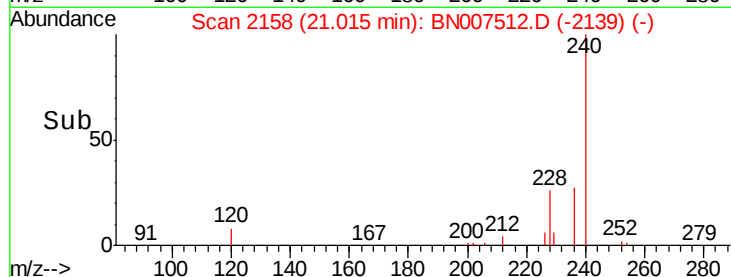
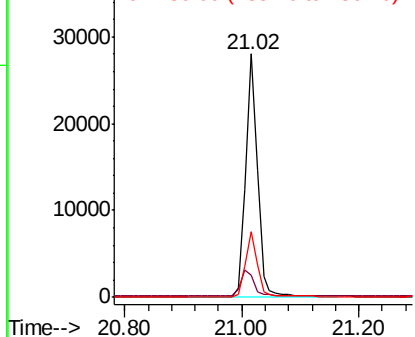
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007512.D
Acq: 29 Aug 2019 21:06

Instrument :
BNA_N
ClientSampleId :
PB122289BS

Tgt Ion:240 Resp: 38784
Ion Ratio Lower Upper
240 100
120 9.1 9.6 14.4#
236 26.9 22.2 33.2

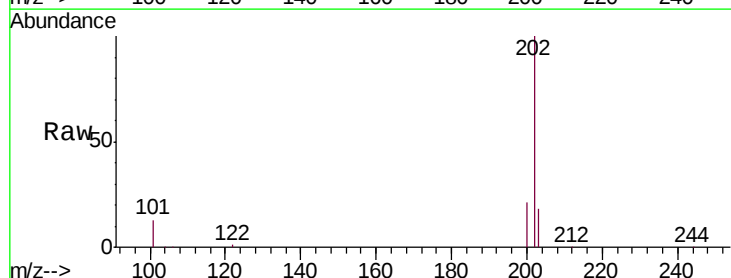


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

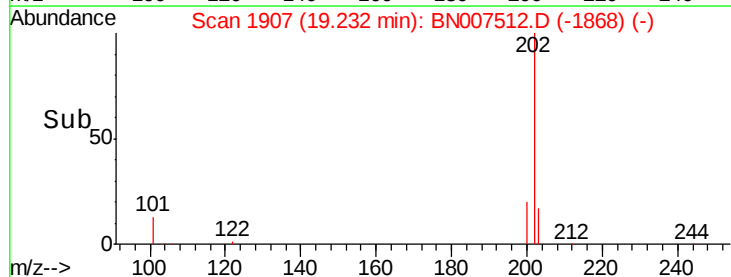
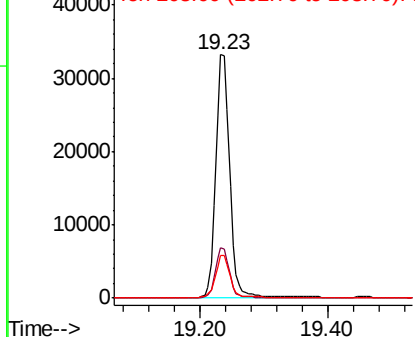


#28
Pyrene
Concen: 0.320 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007512.D
Acq: 29 Aug 2019 21:06

Tgt Ion:202 Resp: 49943
Ion Ratio Lower Upper
202 100
200 20.3 16.6 25.0
203 17.8 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: 0.326 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS

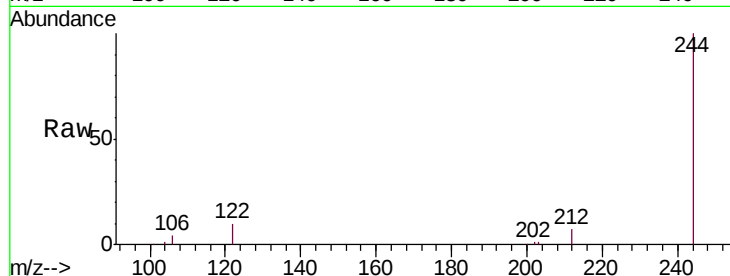
Tgt Ion:244 Resp: 33127

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.6

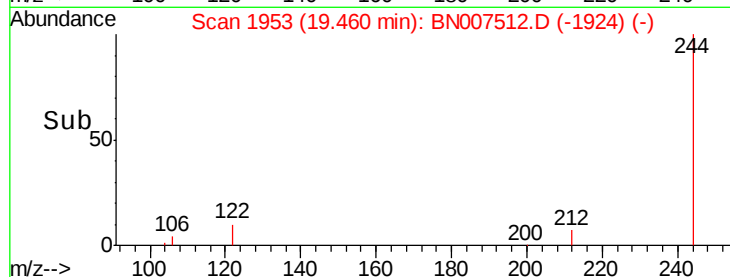
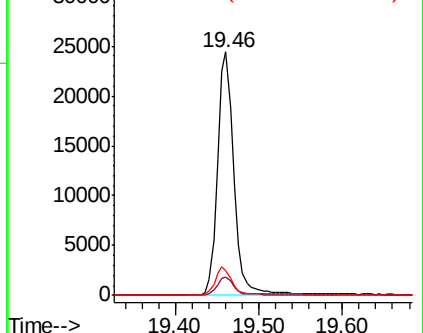
122 10.3 9.6 14.4



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: 0.303 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

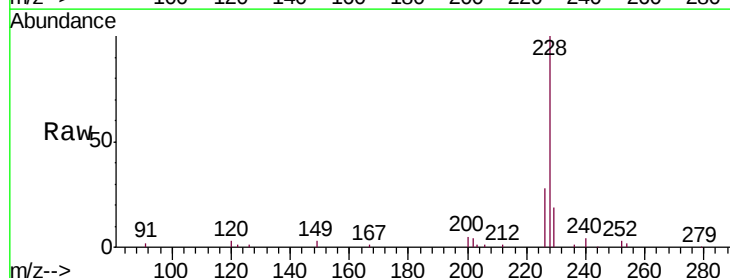
Tgt Ion:228 Resp: 46107

Ion Ratio Lower Upper

228 100

226 27.7 21.3 31.9

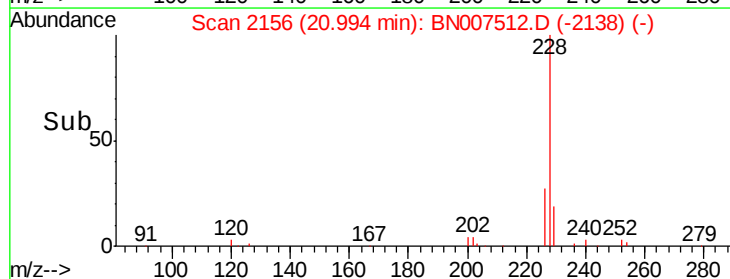
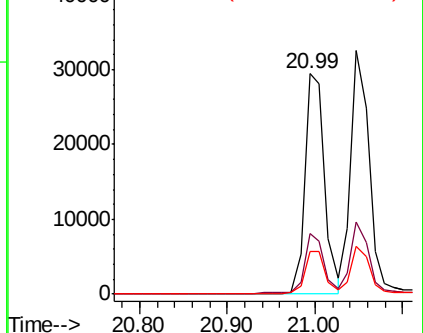
229 19.5 16.1 24.1



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: 0.318 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS

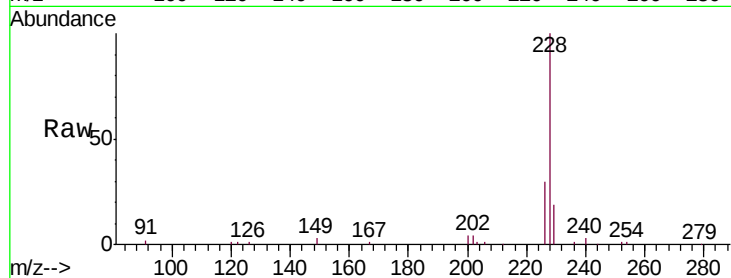
Tgt Ion:228 Resp: 46704

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

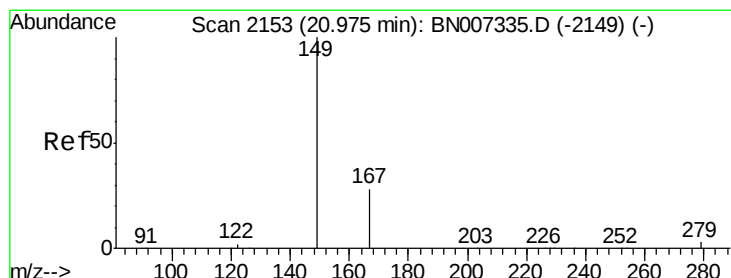
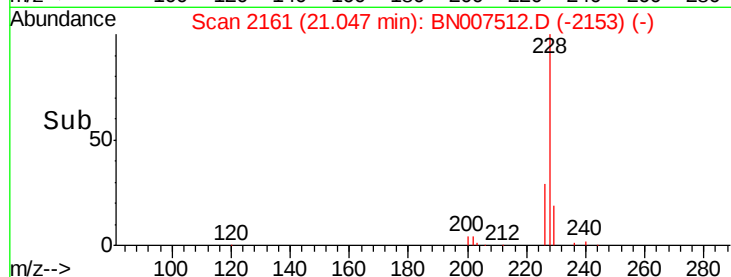
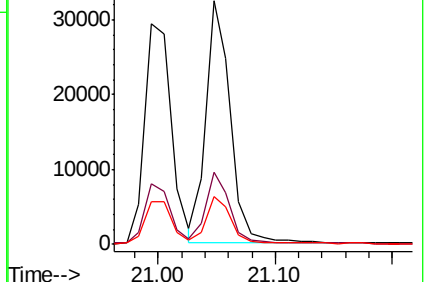
229 19.5 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.257 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

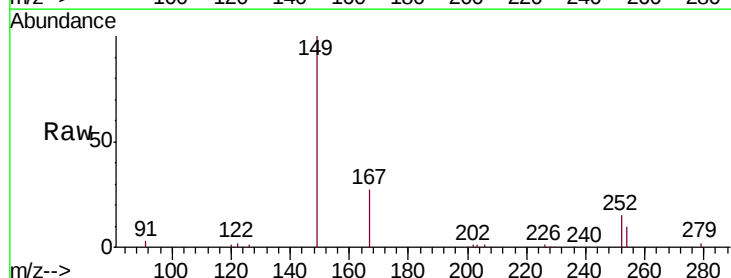
Tgt Ion:149 Resp: 27172

Ion Ratio Lower Upper

149 100

167 28.2 22.8 34.2

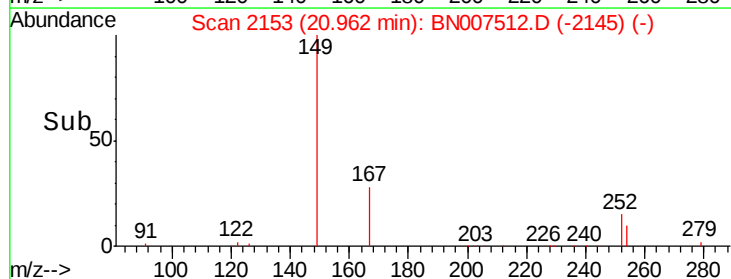
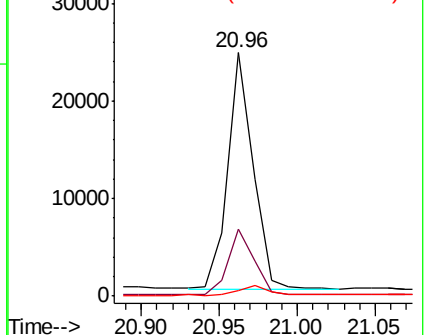
279 4.3 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.231 ng

RT: 25.19 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS

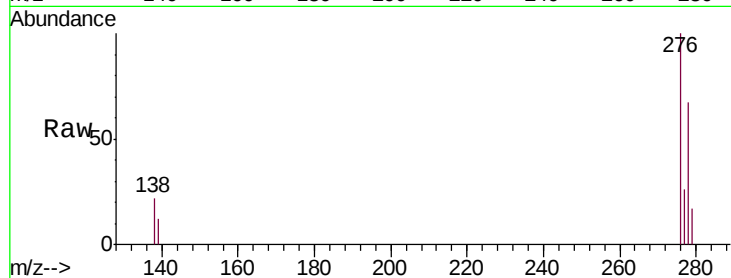
Tgt Ion:276 Resp: 40861

Ion Ratio Lower Upper

276 100

138 21.7 15.1 22.7

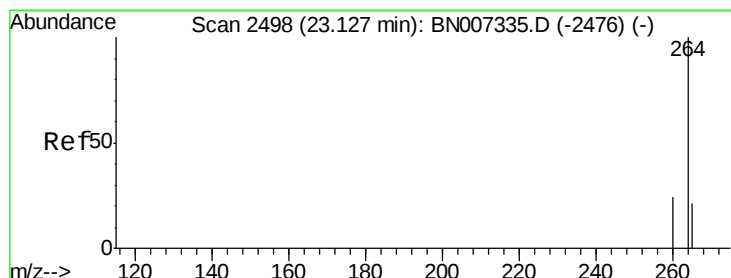
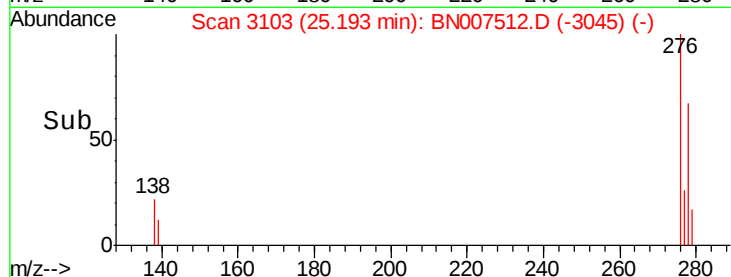
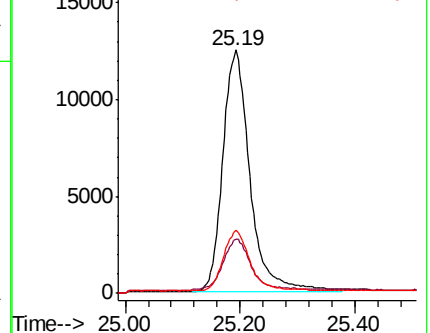
277 24.0 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.12 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

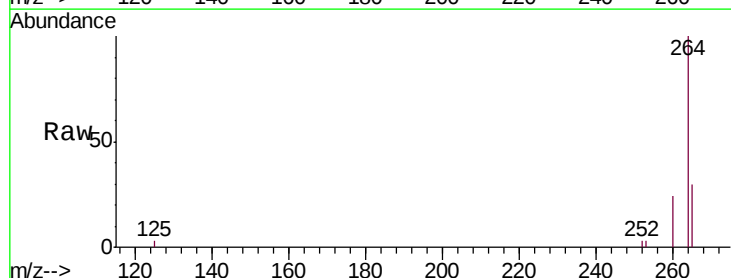
Tgt Ion:264 Resp: 34852

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

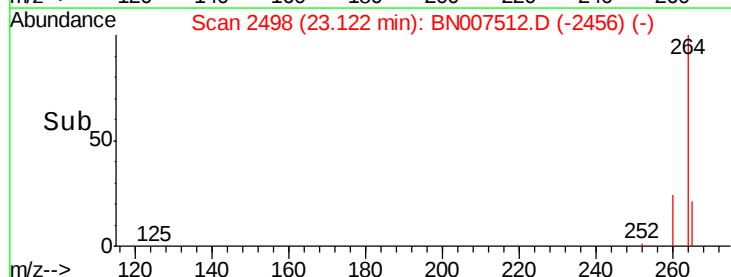
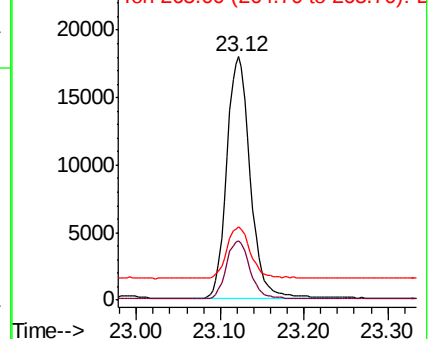
265 30.1 29.9 44.9

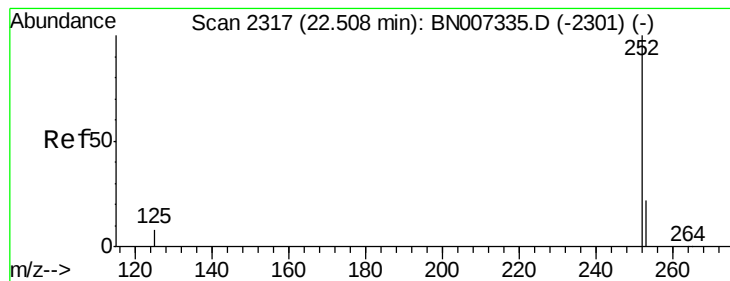


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.328 ng

RT: 22.50 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS

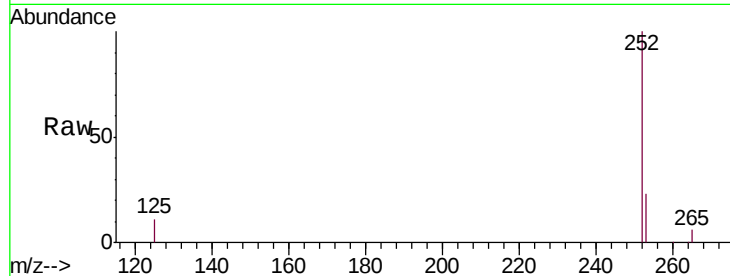
Tgt Ion:252 Resp: 41393

Ion Ratio Lower Upper

252 100

253 23.0 19.2 28.8

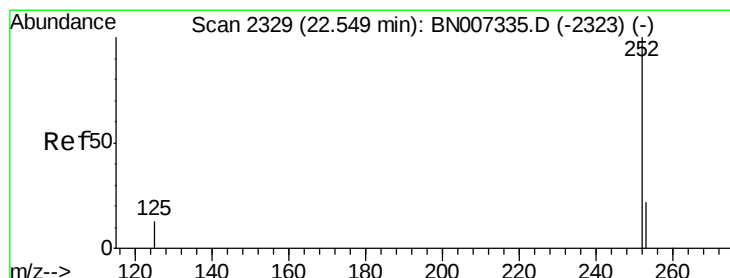
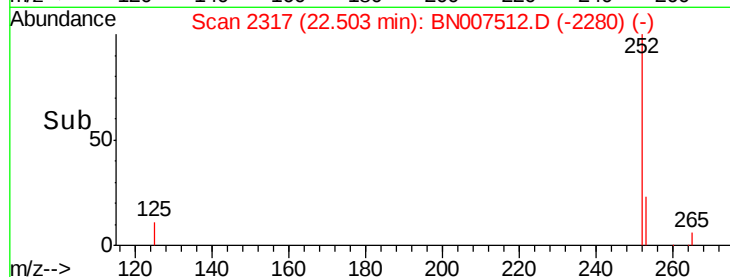
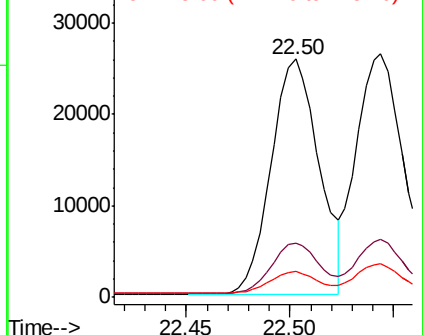
125 10.8 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.349 ng

RT: 22.54 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

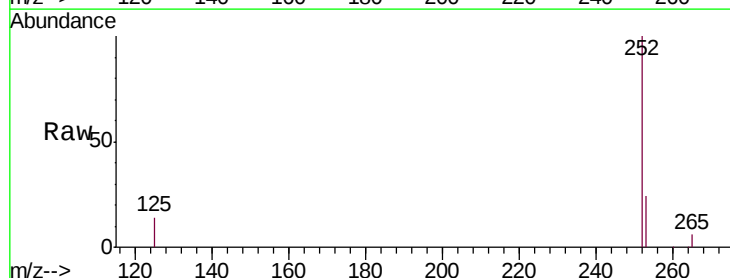
Tgt Ion:252 Resp: 43495

Ion Ratio Lower Upper

252 100

253 23.7 19.4 29.2

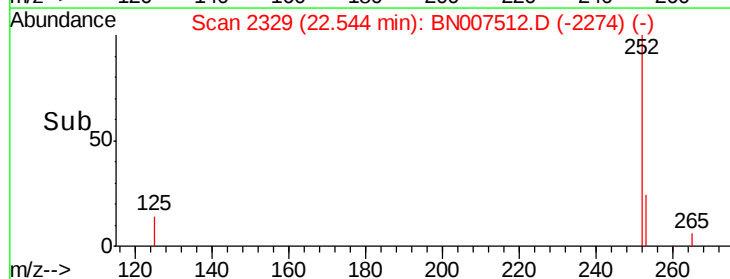
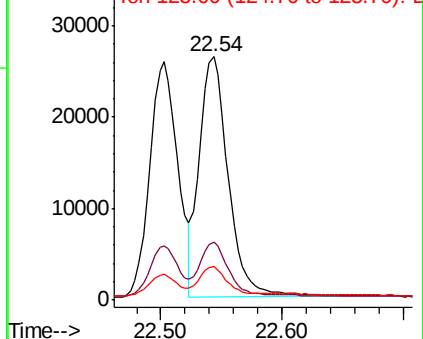
125 13.7 13.1 19.7

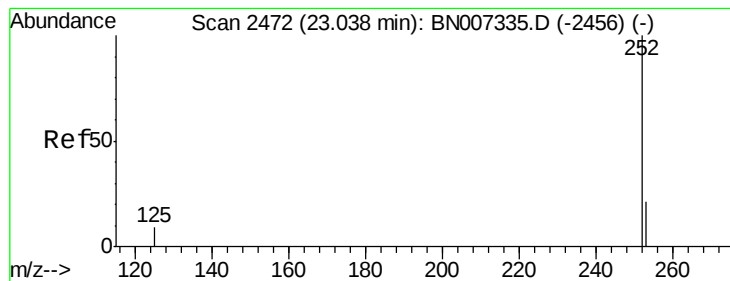


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.325 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS

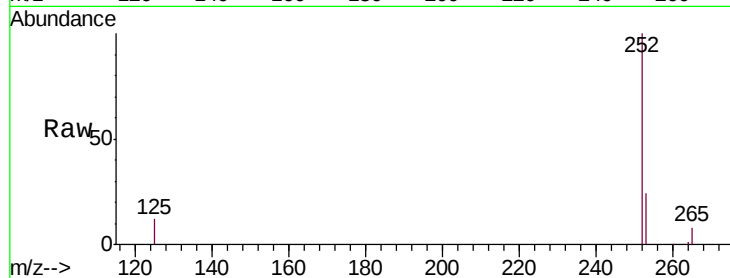
Tgt Ion:252 Resp: 38999

Ion Ratio Lower Upper

252 100

253 23.7 19.5 29.3

125 12.5 12.1 18.1

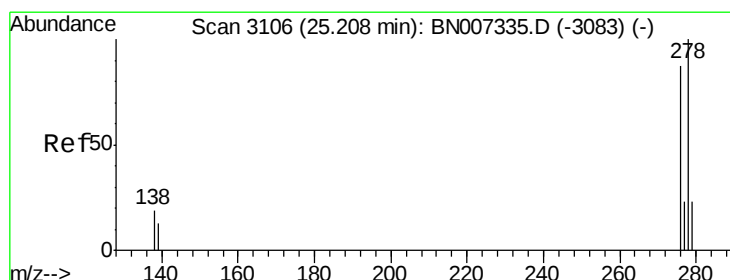
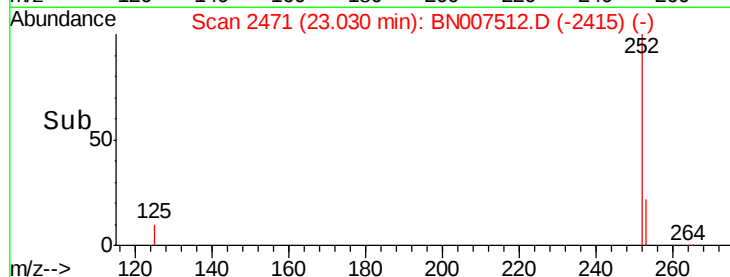
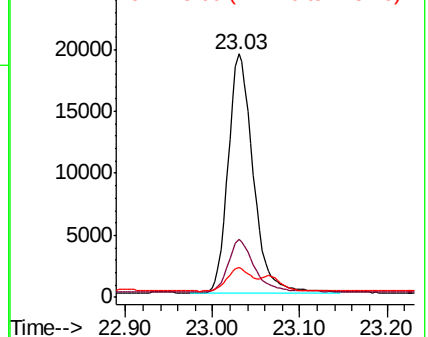


Abundance

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: 0.273 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN007512.D

Acq: 29 Aug 2019 21:06

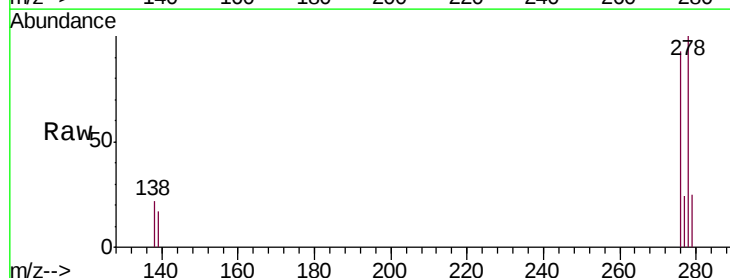
Tgt Ion:278 Resp: 32735

Ion Ratio Lower Upper

278 100

139 16.6 13.7 20.5

279 25.4 20.2 30.4

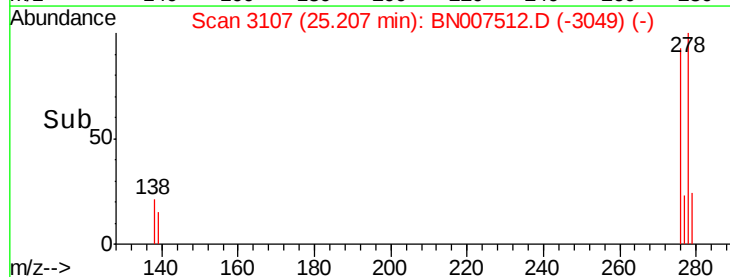
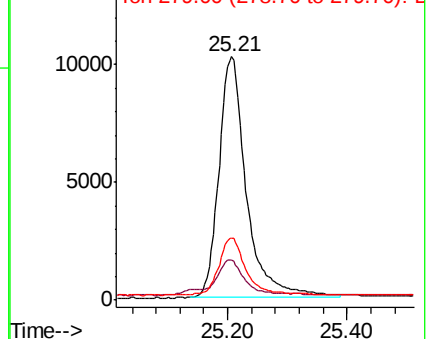


Abundance

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(g,h,i)perylene

Concen: 0.287 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007512.D

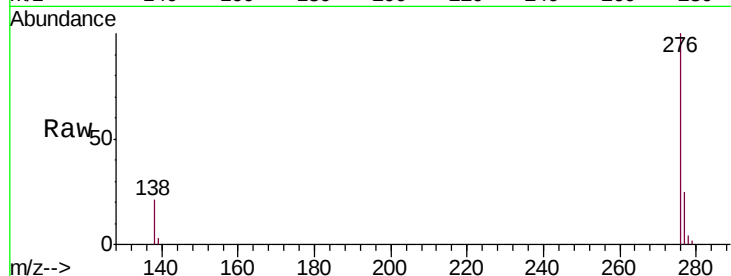
Acq: 29 Aug 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB122289BS



Tgt Ion: 276 Resp: 34282

Ion Ratio Lower Upper

276 100

277 24.6 19.6 29.4

138 20.6 16.3 24.5

