

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007425.D
 Acq On : 27 Aug 2019 00:24
 Operator : HP/JU
 Sample : PB122534BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122534BSD

Quant Time: Aug 27 05:48:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5138	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	19672	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	10541	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	20727	0.40	ng	0.00
27) Chrysene-d12	21.02	240	22449	0.40	ng	0.00
34) Perylene-d12	23.13	264	25926	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	6229	0.35	ng	0.00
5) Phenol-d6	6.59	99	7779	0.34	ng	0.00
8) Nitrobenzene-d5	8.53	82	6083	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	12424	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1814	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	14406	0.34	ng	0.00
25) Fluoranthene-d10	18.85	212	26226	0.39	ng	0.00
29) Terphenyl-d14	19.46	244	20463	0.35	ng	0.00

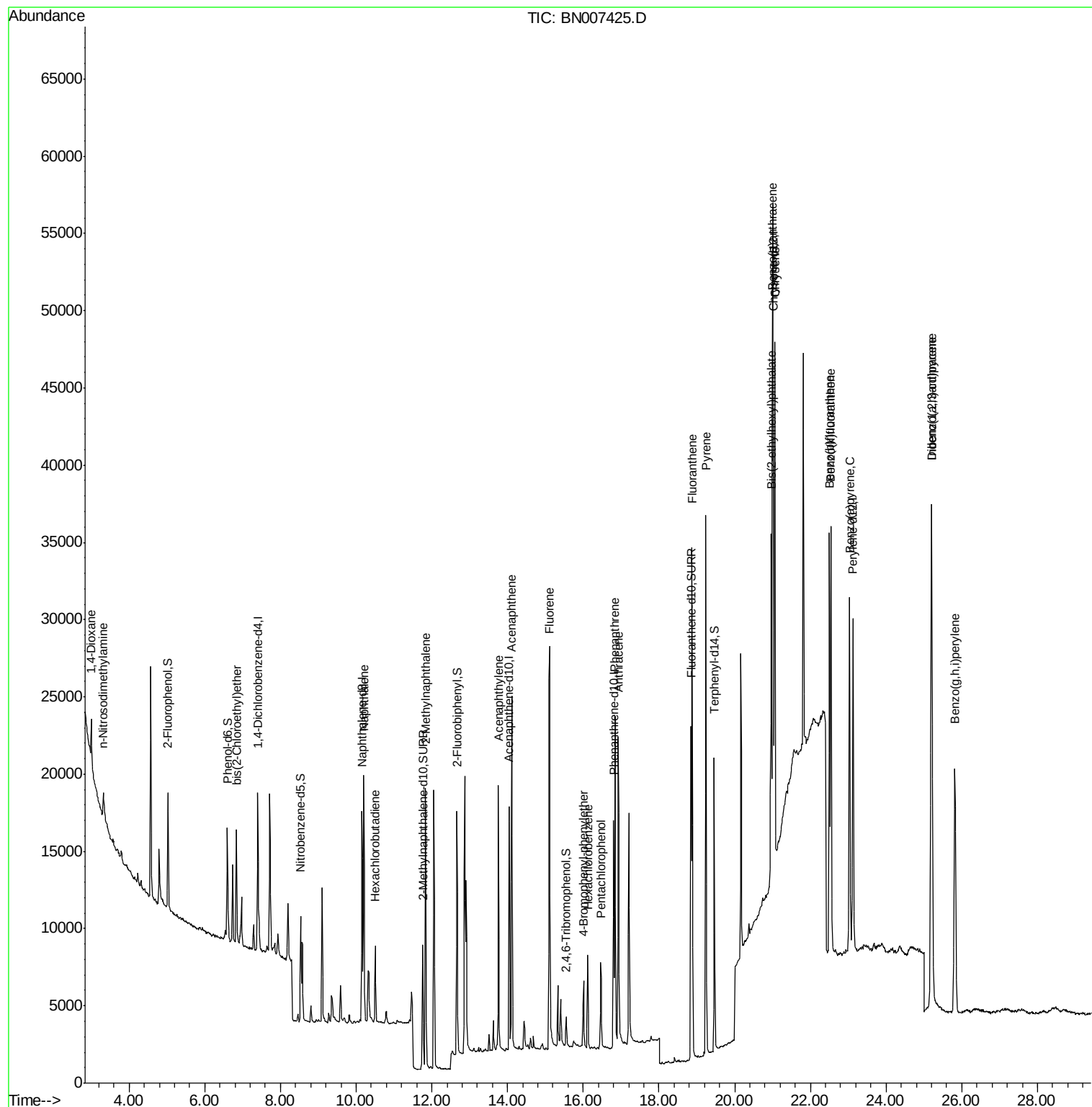
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	2390	0.280	ng	# 98
3) n-Nitrosodimethylamine	3.32	42	1223	0.308	ng	# 73
6) bis(2-Chloroethyl)ether	6.84	93	6512	0.351	ng	94
9) Naphthalene	10.20	128	20721	0.369	ng	# 91
10) Hexachlorobutadiene	10.51	225	3945	0.343	ng	# 98
12) 2-Methylnaphthalene	11.83	142	13780	0.360	ng	96
16) Acenaphthylene	13.76	152	20609	0.330	ng	99
17) Acenaphthene	14.11	154	11968	0.328	ng	99
18) Fluorene	15.10	166	14679	0.318	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1942	0.238	ng	92
21) Hexachlorobenzene	16.12	284	5156	0.371	ng	96
22) Pentachlorophenol	16.46	266	3314	0.768	ng	# 62
23) Phenanthrene	16.84	178	23220	0.372	ng	99
24) Anthracene	16.93	178	22645	0.361	ng	99
26) Fluoranthene	18.88	202	31559	0.394	ng	99
28) Pyrene	19.24	202	33080	0.366	ng	99
30) Benzo(a)anthracene	21.01	228	31758	0.360	ng	97
31) Chrysene	21.06	228	31580	0.371	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	19841	0.329	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	37984	0.371	ng	99
35) Benzo(b)fluoranthene	22.50	252	32139	0.342	ng	# 89
36) Benzo(k)fluoranthene	22.55	252	34062	0.367	ng	# 92
37) Benzo(a)pyrene	23.03	252	32913	0.368	ng	# 88
38) Dibenzo(a,h)anthracene	25.21	278	31690	0.355	ng	# 87
39) Benzo(g,h,i)perylene	25.82	276	33067	0.372	ng	94

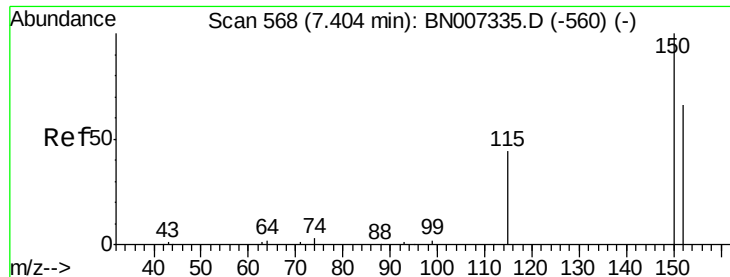
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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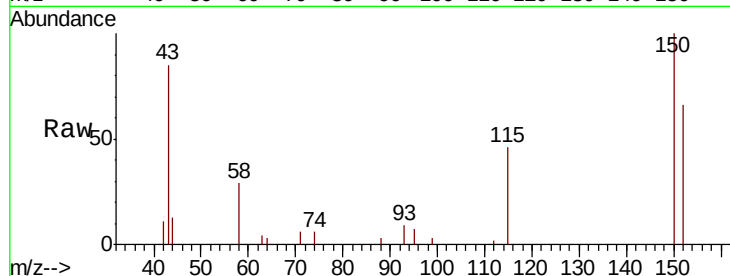


#1

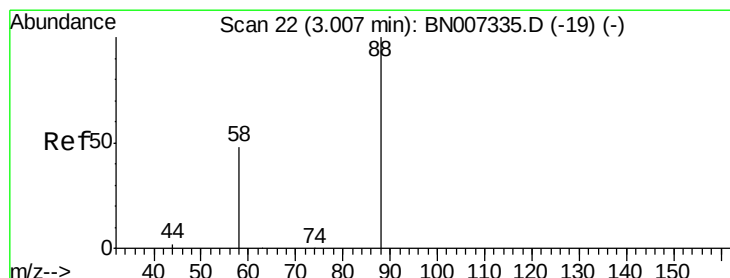
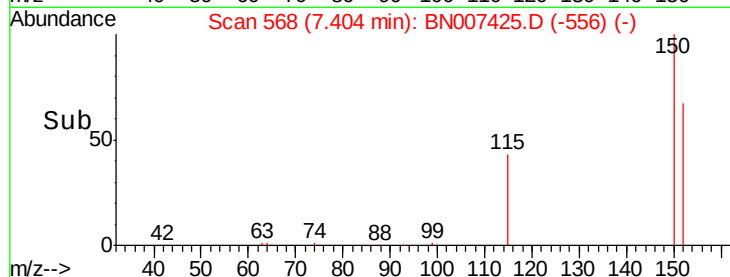
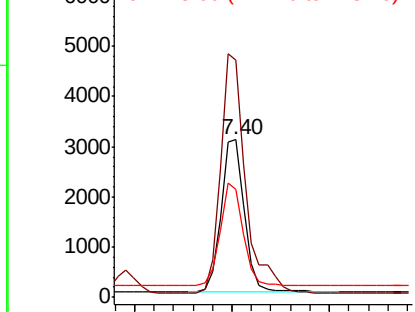
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tot Ion:152 Resp: 5138
Ion Ratio Lower Upper
152 100
150 150.5 109.1 163.7
115 68.6 59.6 89.4



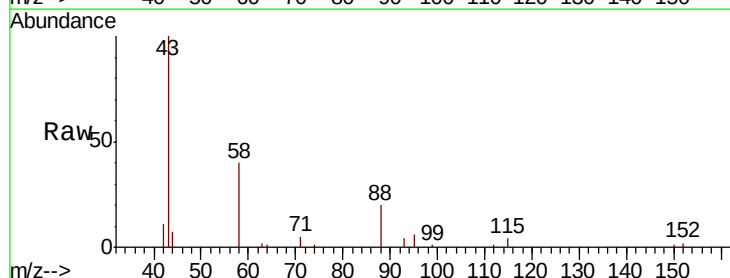
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



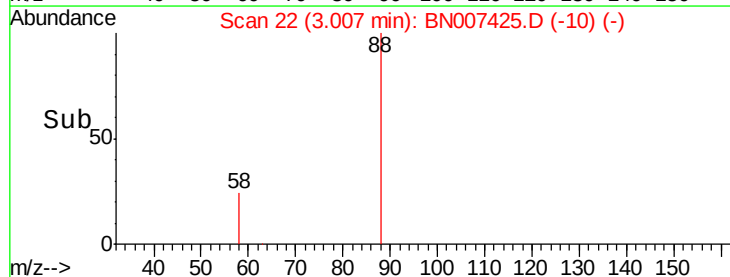
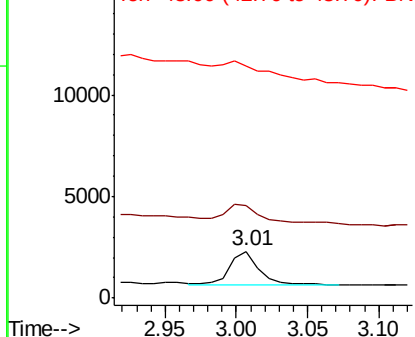
#2

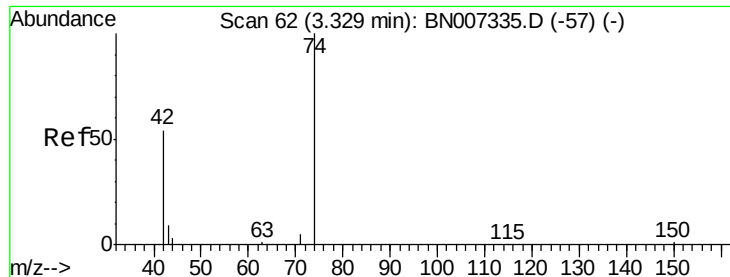
1,4-Dioxane
Concen: 0.280 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion: 88 Resp: 2390
Ion Ratio Lower Upper
88 100
58 61.3 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: 0.308 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

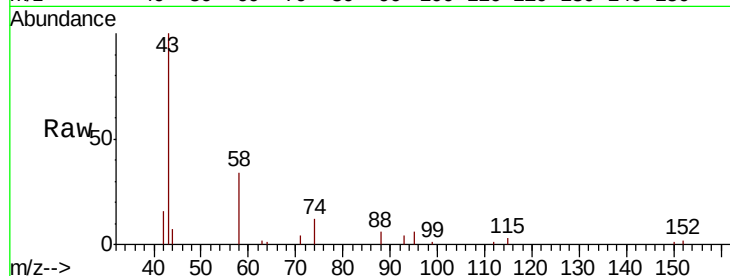
Tot Ion: 42 Resp: 1223

Ion Ratio Lower Upper

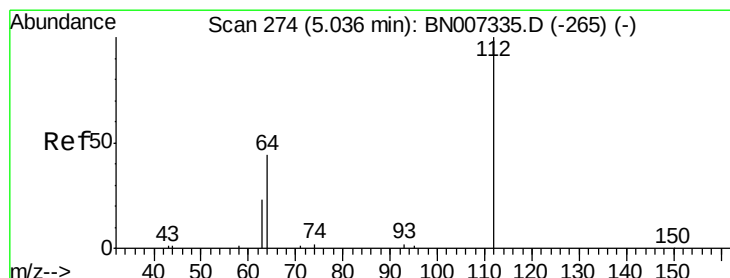
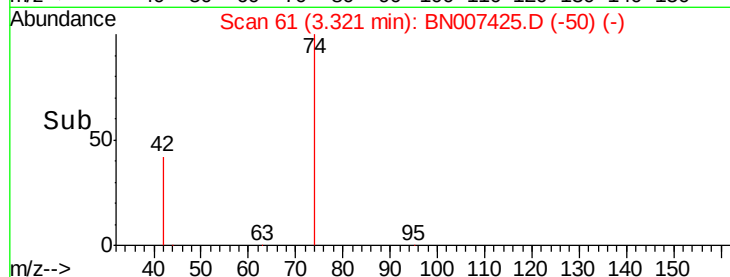
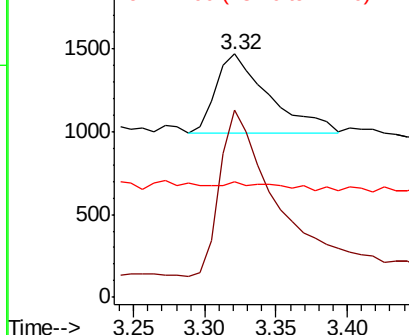
42 100

74 220.1 144.7 217.1#

44 10.3 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: 0.345 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

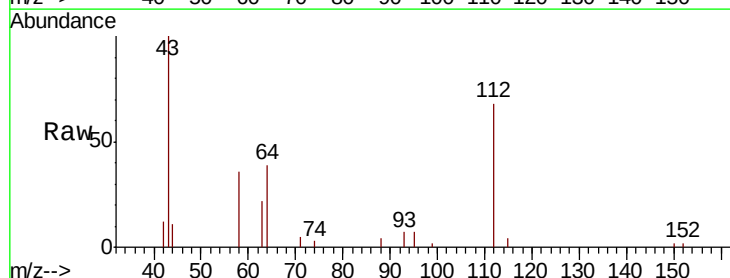
Tgt Ion: 112 Resp: 6229

Ion Ratio Lower Upper

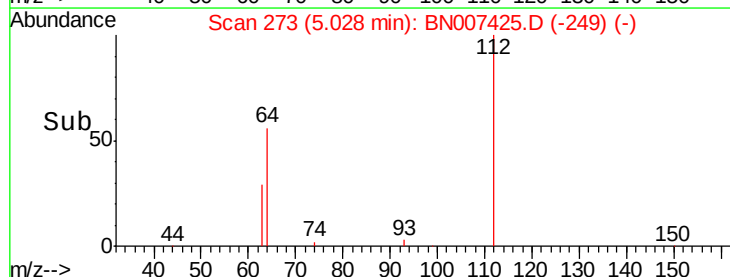
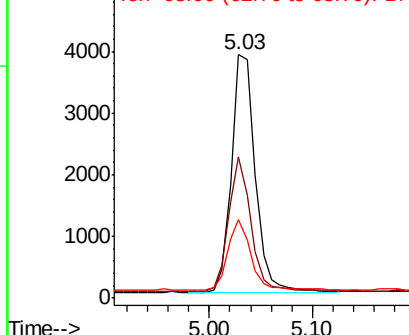
112 100

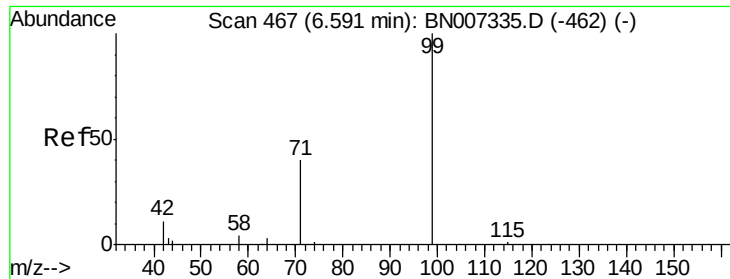
64 53.6 42.3 63.5

63 27.1 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: 0.338 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

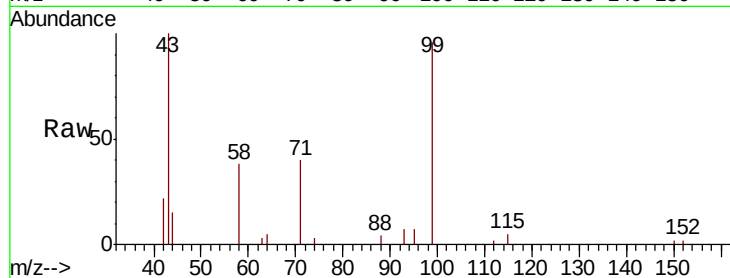
Tot Ion: 99 Resp: 7779

Ion Ratio Lower Upper

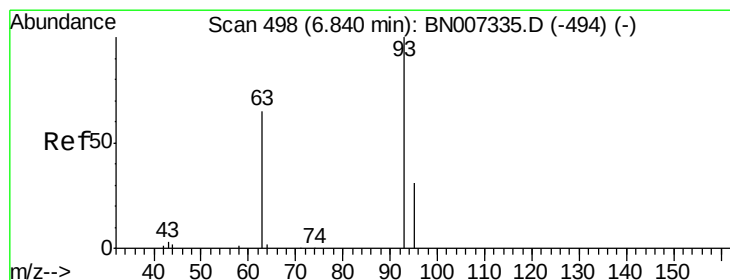
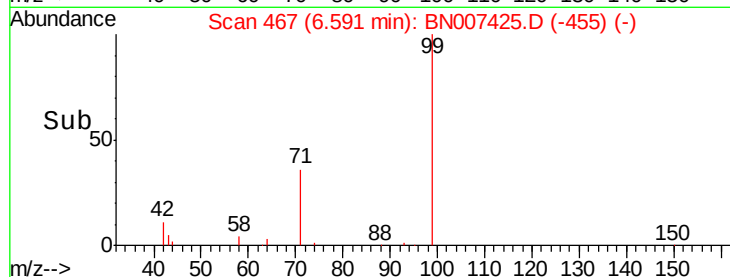
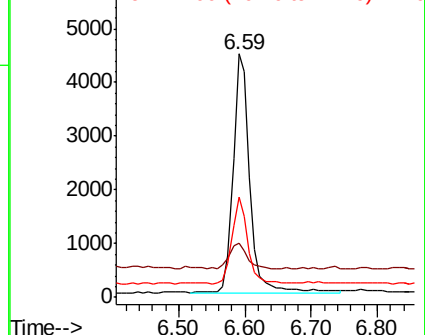
99 100

42 11.5 11.2 16.8

71 34.6 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.351 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

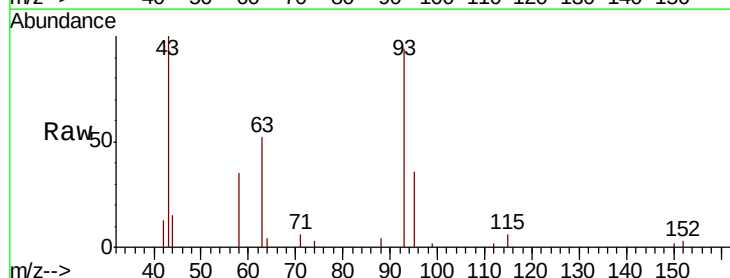
Tgt Ion: 93 Resp: 6512

Ion Ratio Lower Upper

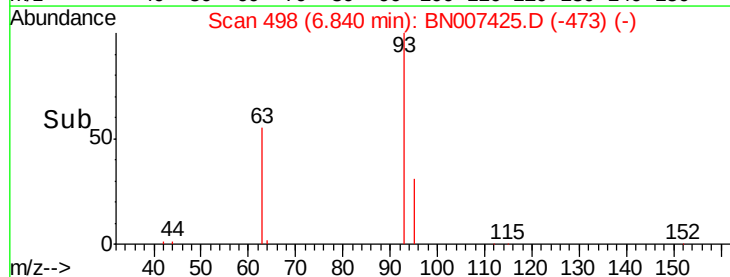
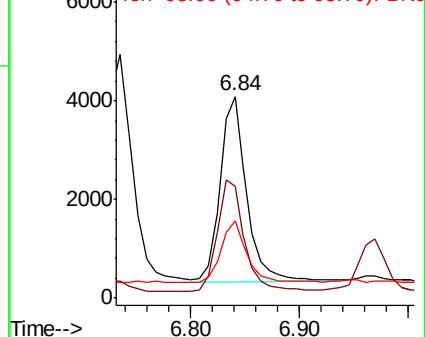
93 100

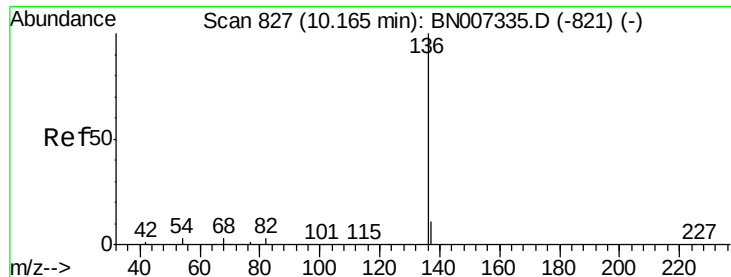
63 60.5 51.9 77.9

95 31.5 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

Tot Ion:136 Resp: 19672

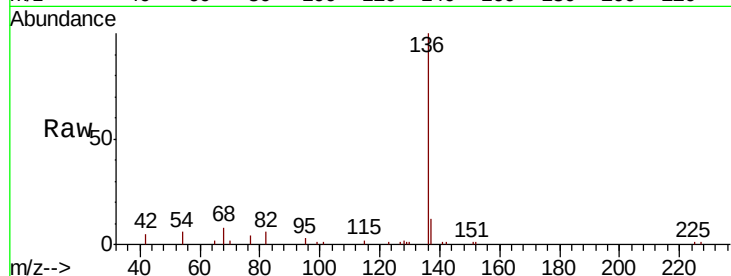
Ion Ratio Lower Upper

136 100

137 11.8 12.9 19.3#

54 6.0 8.6 12.8#

68 8.1 17.0 25.4#

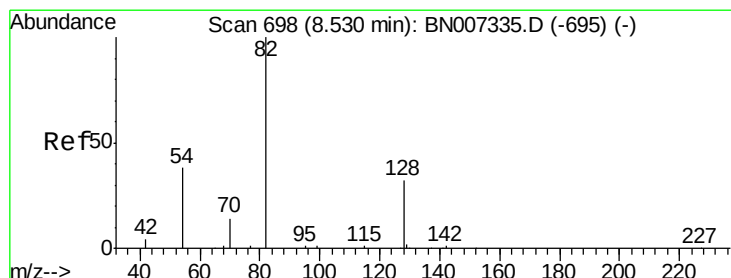
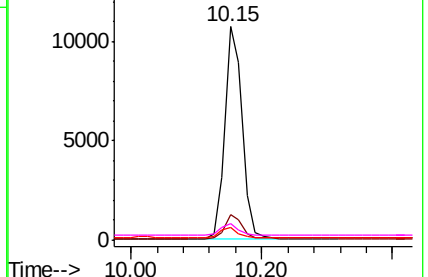
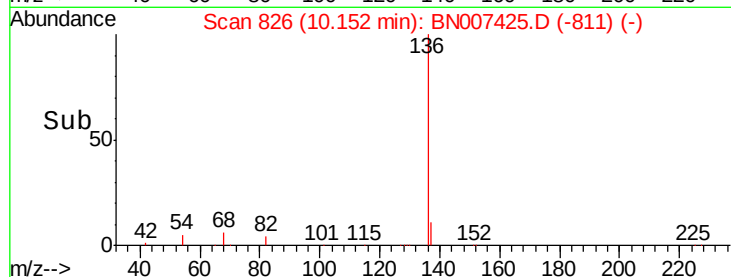


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.355 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

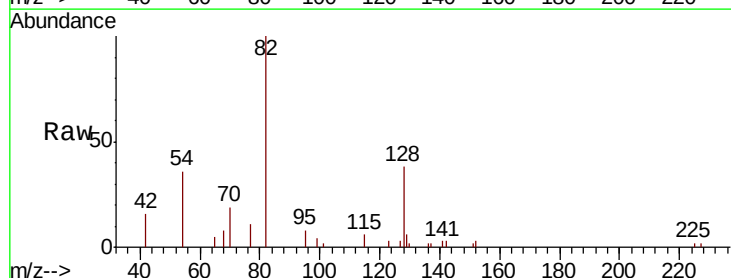
Tgt Ion: 82 Resp: 6083

Ion Ratio Lower Upper

82 100

128 38.5 19.7 29.5#

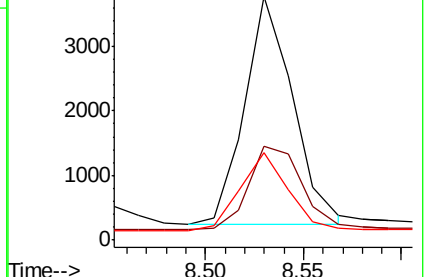
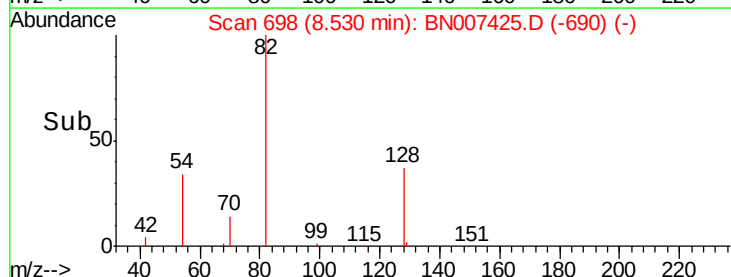
54 35.8 25.8 38.6

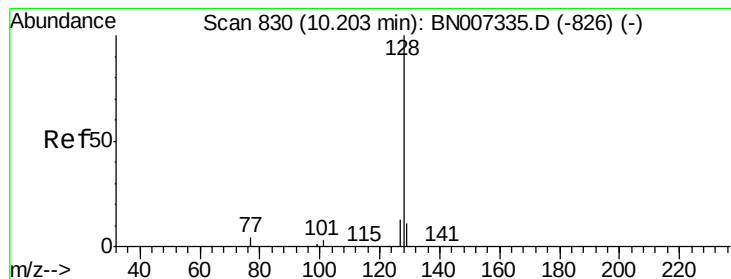


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.369 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

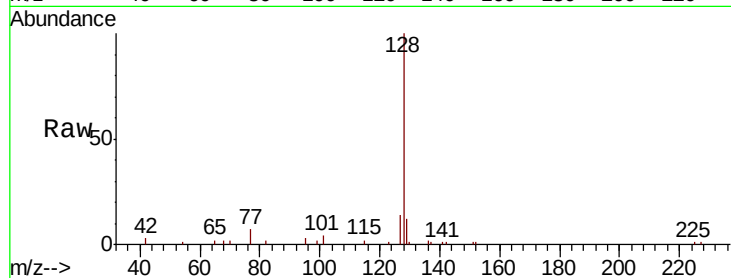
Tot Ion:128 Resp: 20721

Ion Ratio Lower Upper

128 100

129 12.0 11.1 16.7

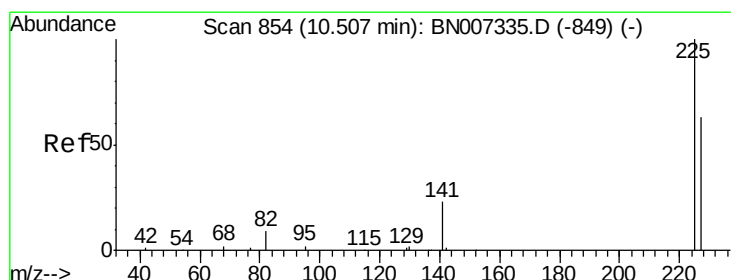
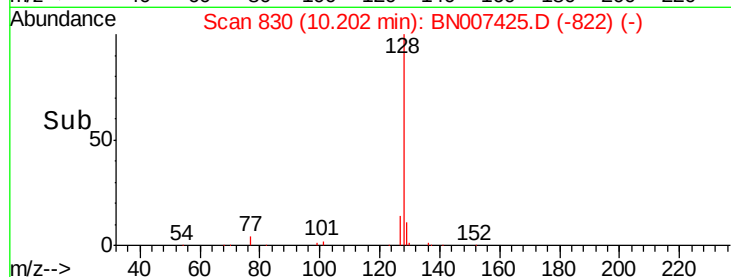
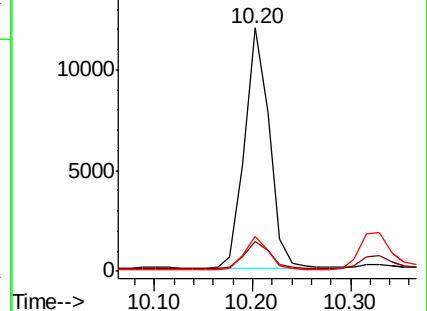
127 14.2 15.5 23.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.343 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

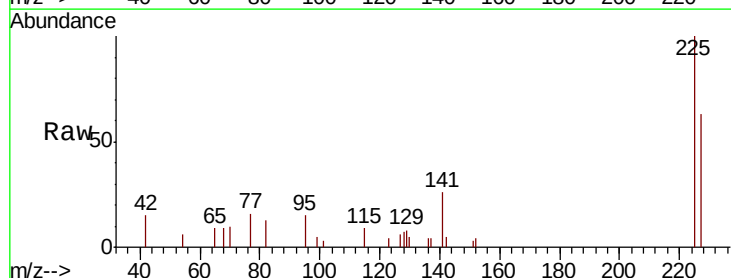
Tgt Ion:225 Resp: 3945

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

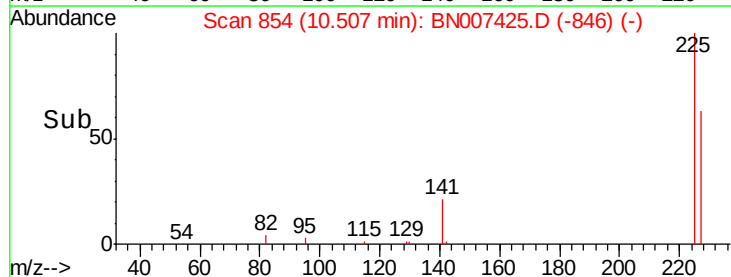
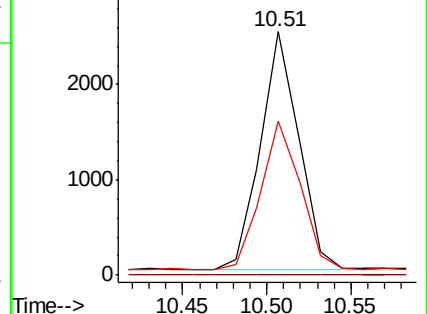
227 64.8 50.7 76.1

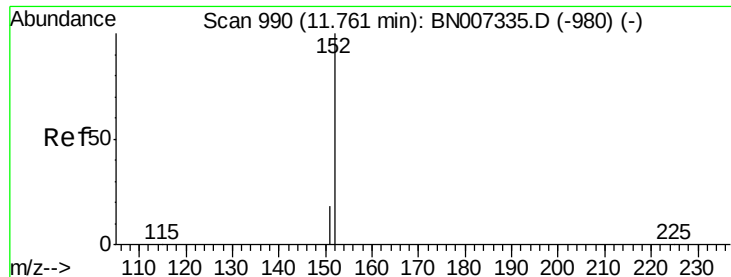


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

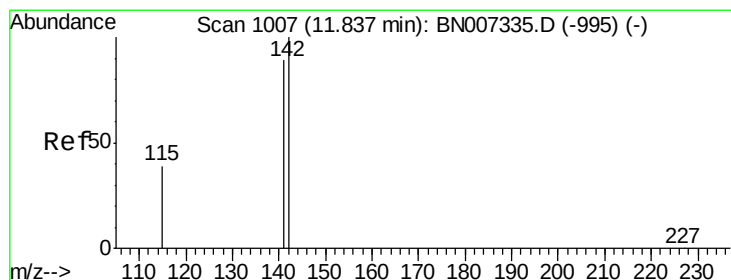
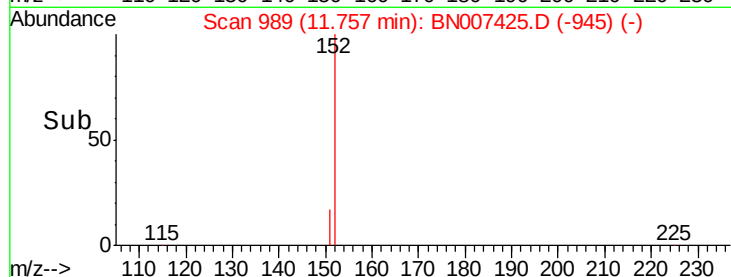
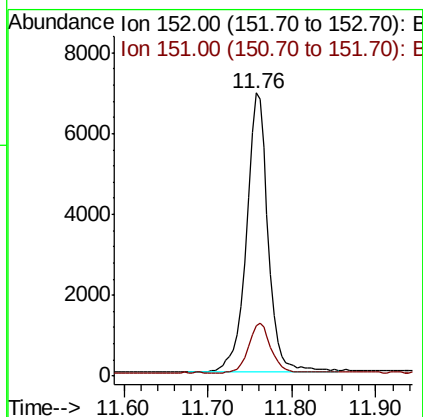
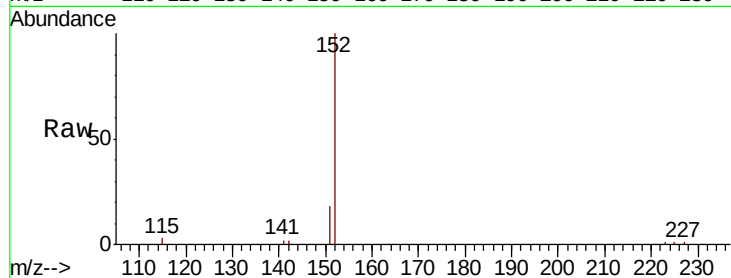




#11
 2-Methylnaphthalene-d10
 Concen: 0.380 ng
 RT: 11.76 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BN007425.D
 Acq: 27 Aug 2019 00:24

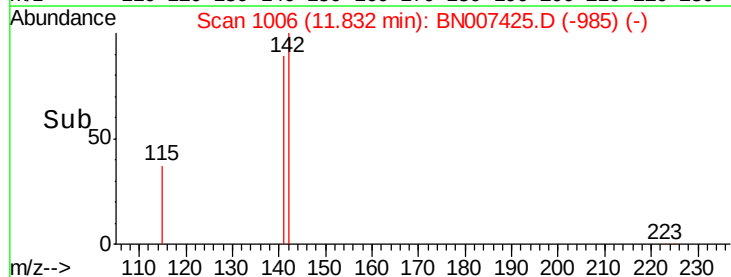
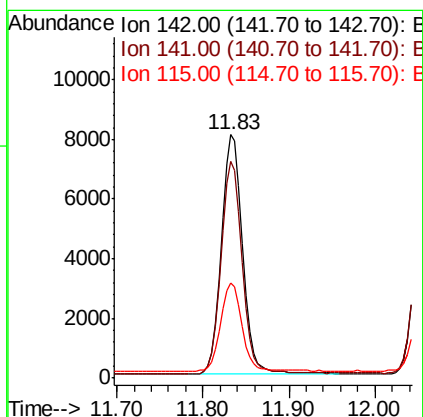
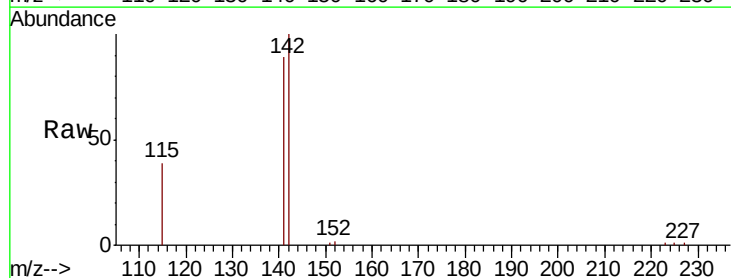
Instrument :
 BNA_N
 ClientSampleId :
 PB122534BSD

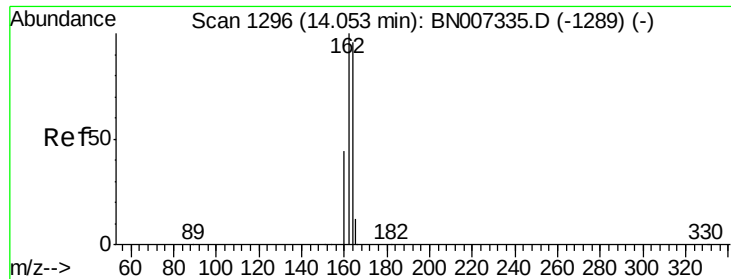
Tot Ion:152 Resp: 12424
 Ion Ratio Lower Upper
 152 100
 151 18.4 16.2 24.2



#12
 2-Methylnaphthalene
 Concen: 0.360 ng
 RT: 11.83 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BN007425.D
 Acq: 27 Aug 2019 00:24

Tgt Ion:142 Resp: 13780
 Ion Ratio Lower Upper
 142 100
 141 89.2 72.8 109.2
 115 39.3 35.2 52.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

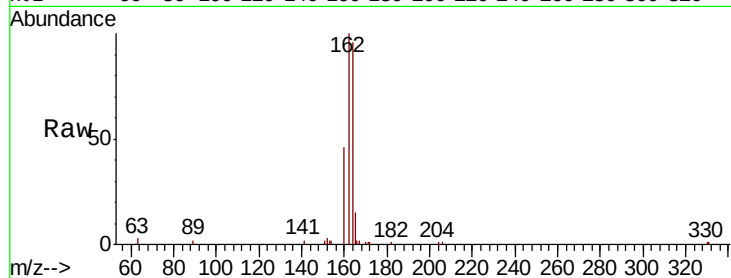
Tot Ion:164 Resp: 10541

Ion Ratio Lower Upper

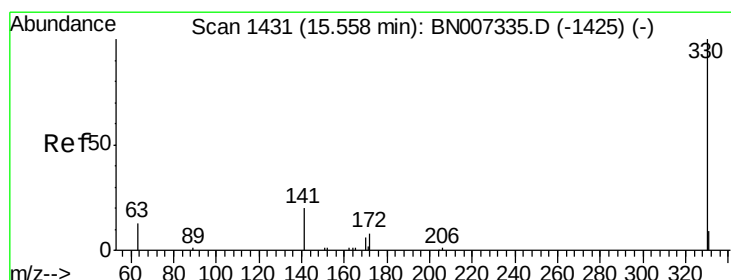
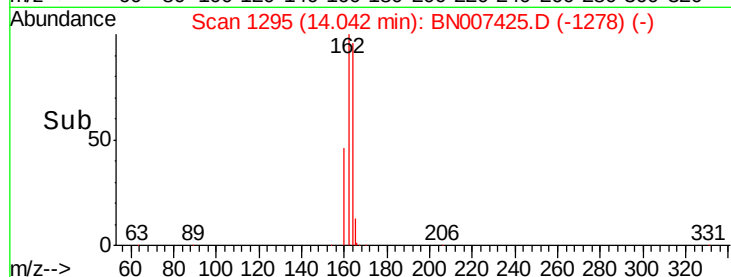
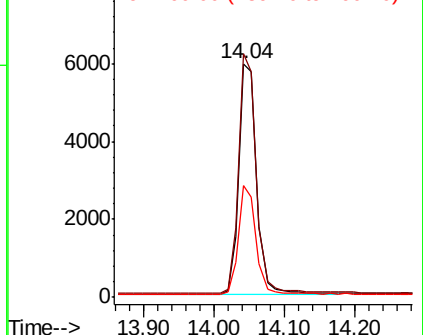
164 100

162 104.3 83.5 125.3

160 47.9 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: 0.329 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

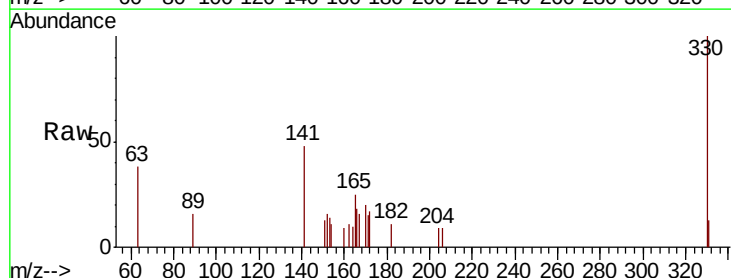
Tgt Ion:330 Resp: 1814

Ion Ratio Lower Upper

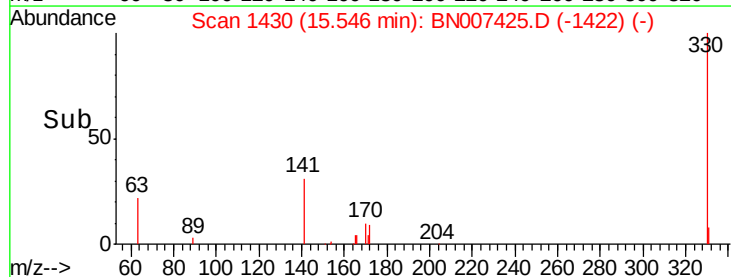
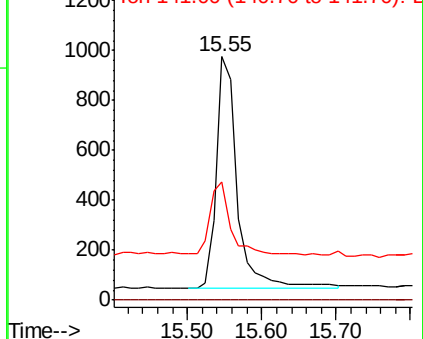
330 100

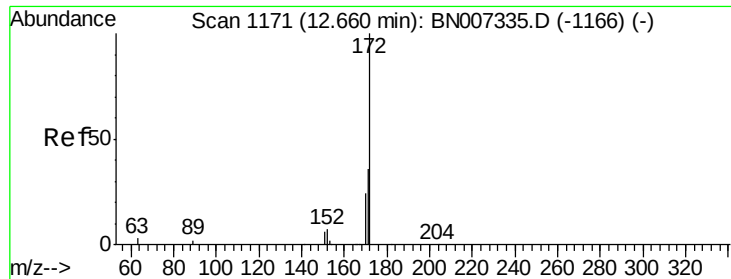
332 0.0 0.0 0.0

141 31.5 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

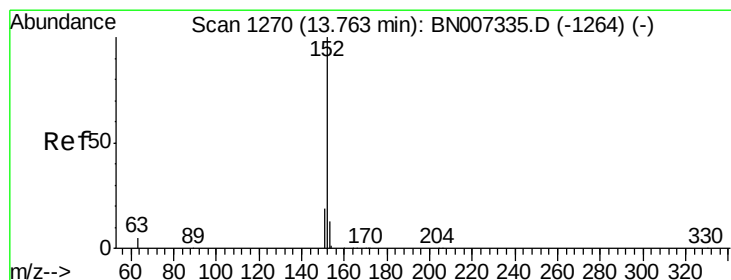
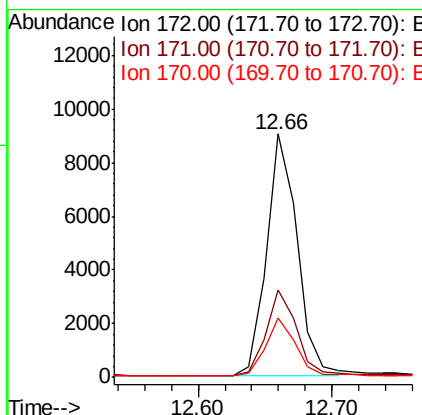
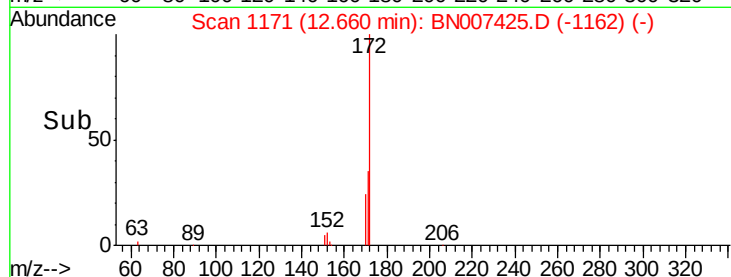
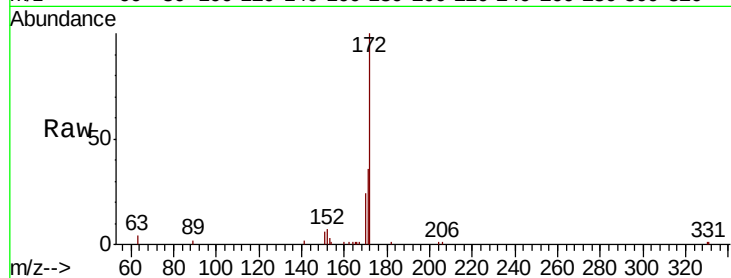




#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 12.66 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

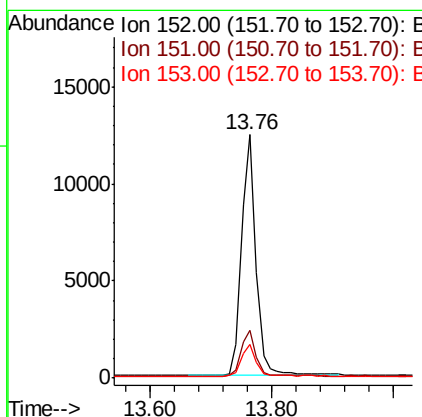
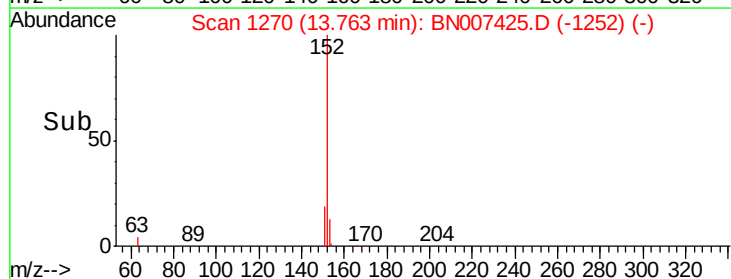
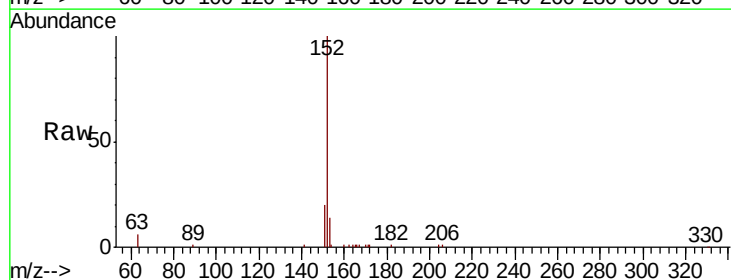
Instrument :
BNA_N
ClientSampleId :
PB122534BSD

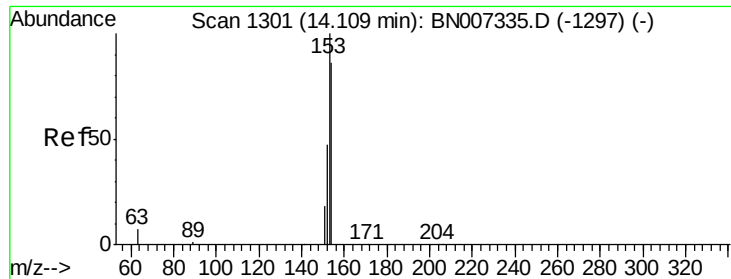
Tot Ion:172 Resp: 14406
Ion Ratio Lower Upper
172 100
171 35.9 30.3 45.5
170 24.1 20.7 31.1



#16
Acenaphthylene
Concen: 0.330 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:152 Resp: 20609
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.2 10.6 15.8

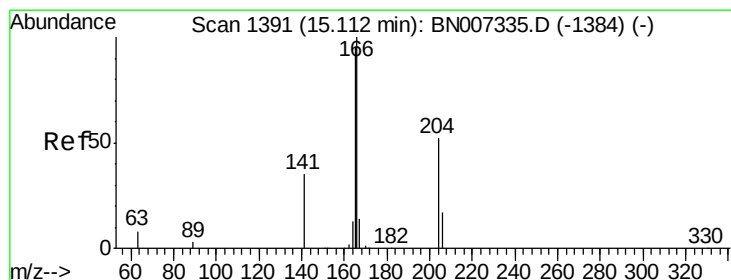
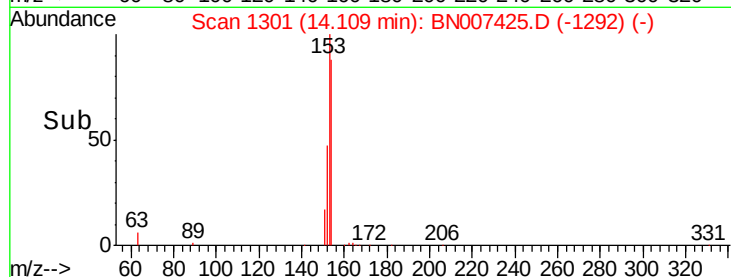
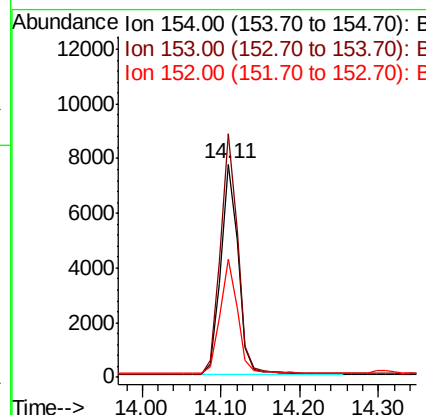
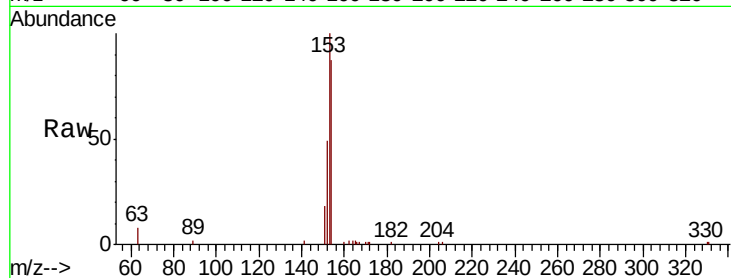




#17
Acenaphthene
Concen: 0.328 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

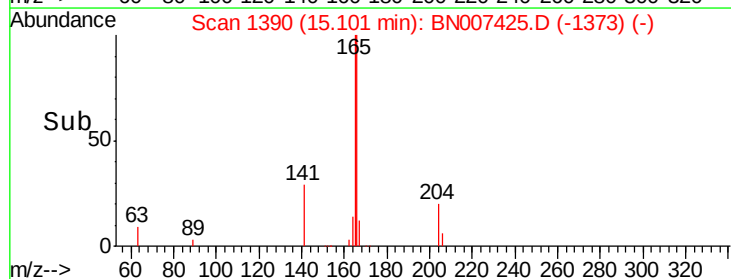
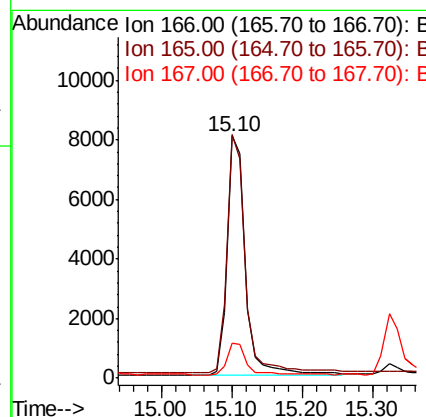
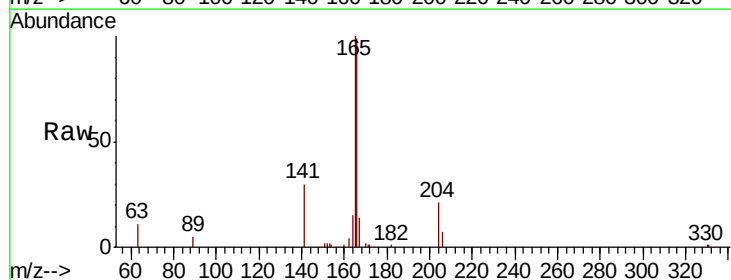
Instrument :
BNA_N
ClientSampleId :
PB122534BSD

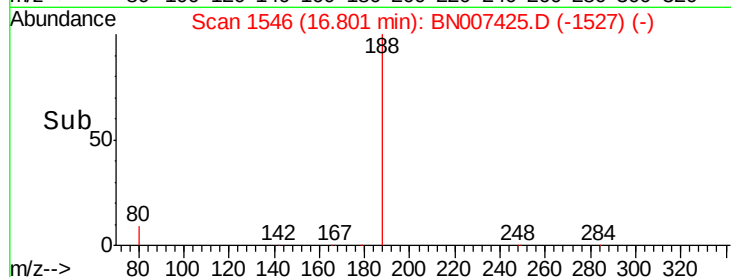
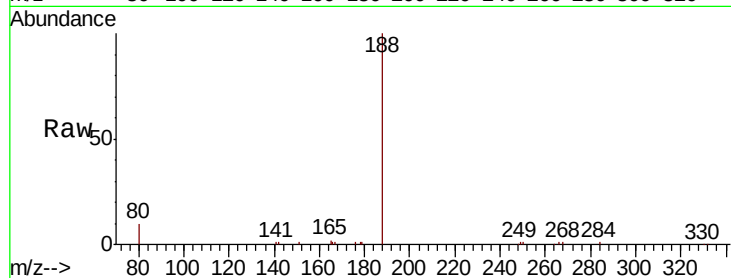
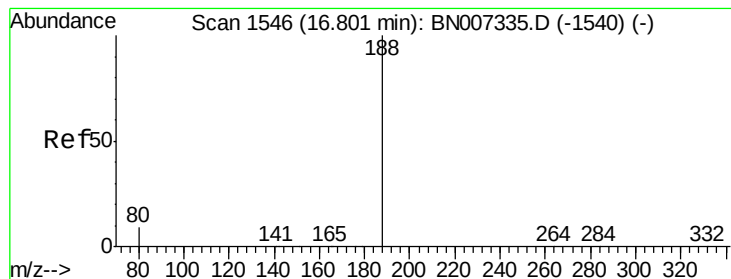
Tot Ion:154 Resp: 11968
Ion Ratio Lower Upper
154 100
153 114.9 92.8 139.2
152 53.8 43.8 65.8



#18
Fluorene
Concen: 0.318 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:166 Resp: 14679
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.4
167 13.9 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

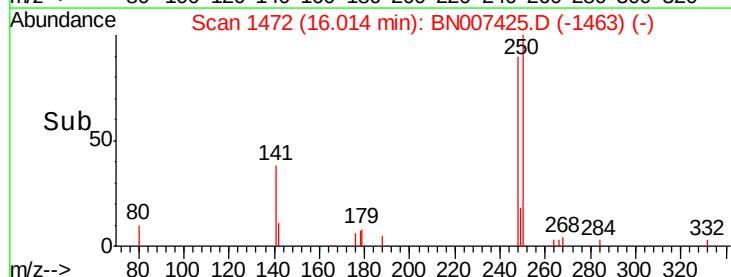
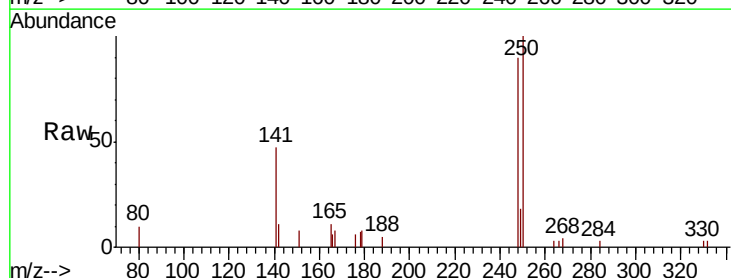
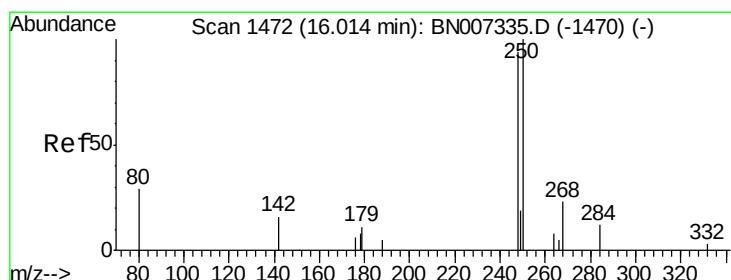
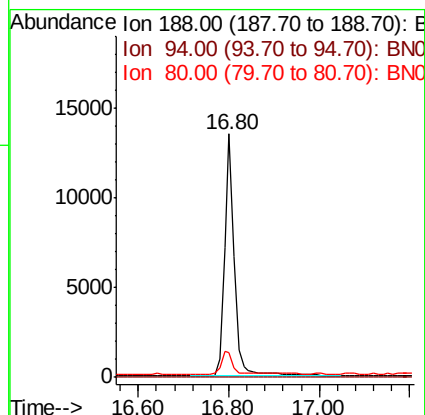
Tot Ion:188 Resp: 20727

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 11.8 17.8#



#20

4-Bromophenyl-phenylether

Concen: 0.238 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

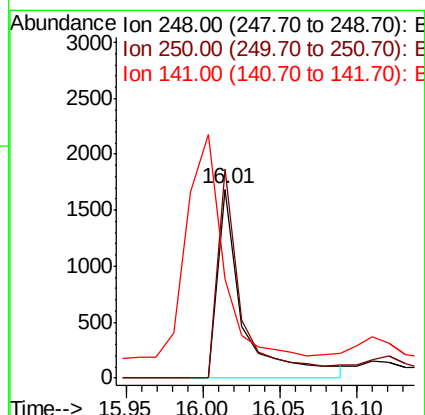
Tgt Ion:248 Resp: 1942

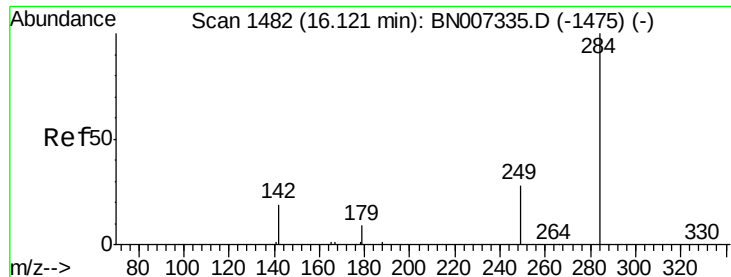
Ion Ratio Lower Upper

248 100

250 110.7 85.0 127.6

141 52.4 51.7 77.5





#21

Hexachlorobenzene

Concen: 0.371 ng

RT: 16.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

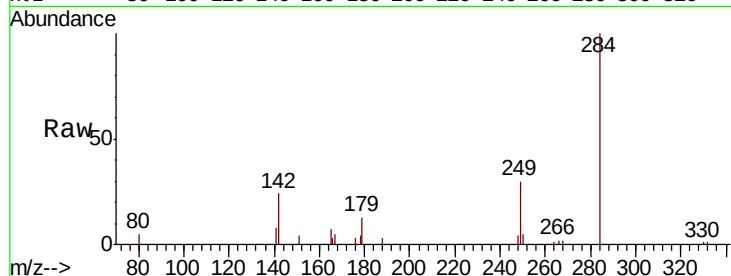
Tot Ion:284 Resp: 5156

Ion Ratio Lower Upper

284 100

142 32.5 29.0 43.6

249 30.0 24.9 37.3

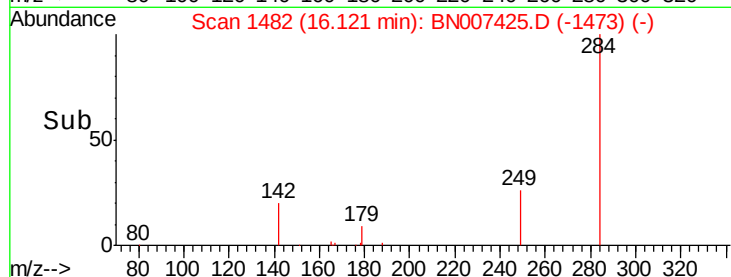


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

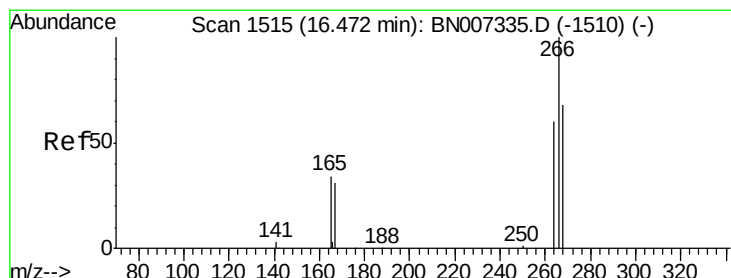
Ion 249.00 (248.70 to 249.70): E

Time-->



16.12

Time-->



#22

Pentachlorophenol

Concen: 0.768 ng

RT: 16.46 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

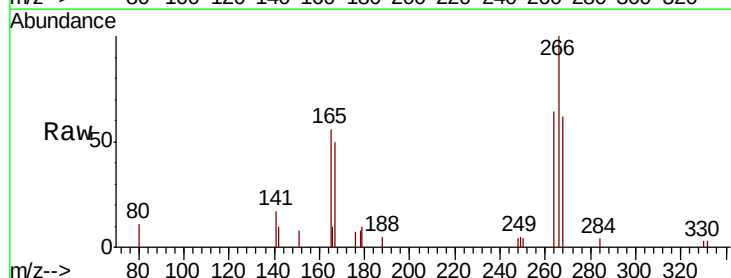
Tgt Ion:266 Resp: 3314

Ion Ratio Lower Upper

266 100

264 64.2 57.8 86.8

268 62.2 99.7 149.5#

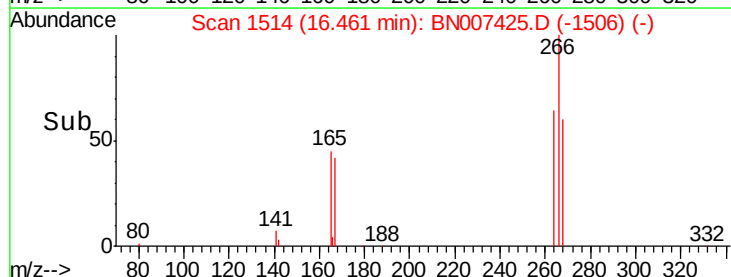


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

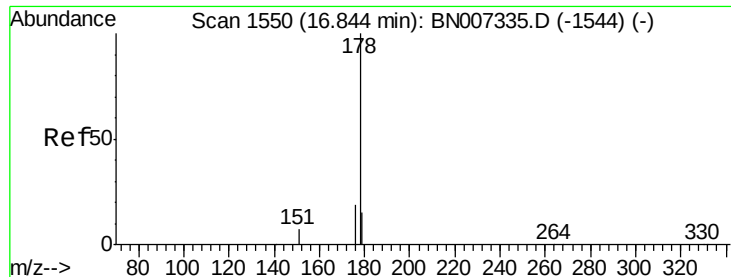
Ion 268.00 (267.70 to 268.70): E

Time-->



16.46

Time-->



#23

Phenanthrene

Concen: 0.372 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

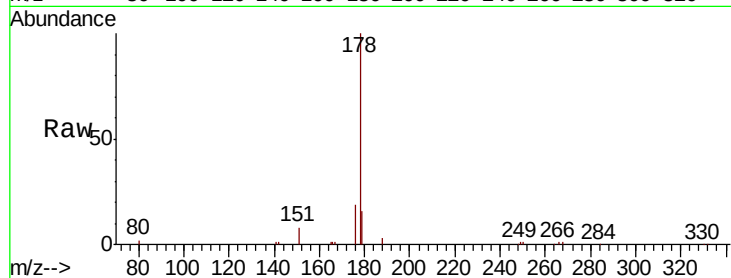
BNA_N

ClientSampleId :

PB122534BSD

Tot Ion:178 Resp: 23220

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.4	12.6	19.0

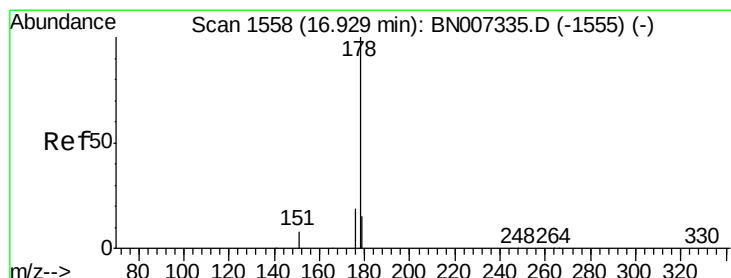
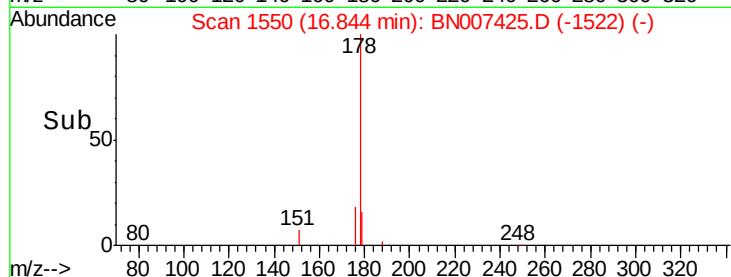
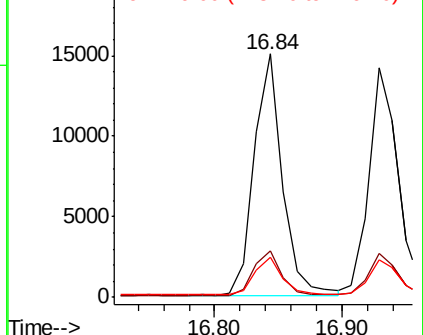


Abundance

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: 0.361 ng

RT: 16.93 min Scan# 1558

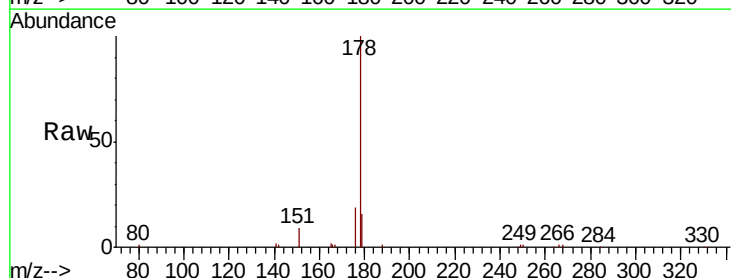
Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Tgt Ion:178 Resp: 22645

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	14.8	12.4	18.6

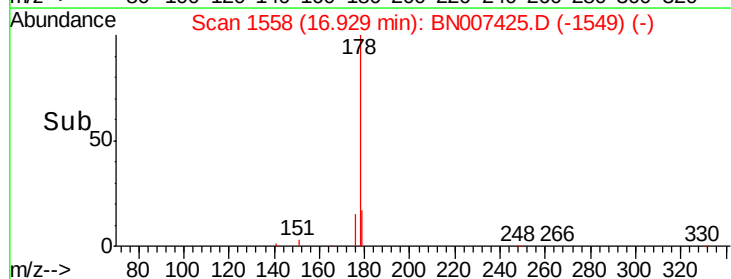
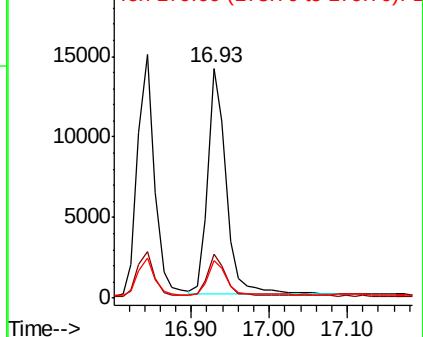


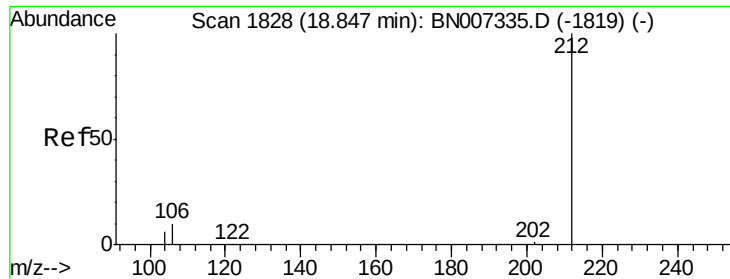
Abundance

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: 0.393 ng

RT: 18.85 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

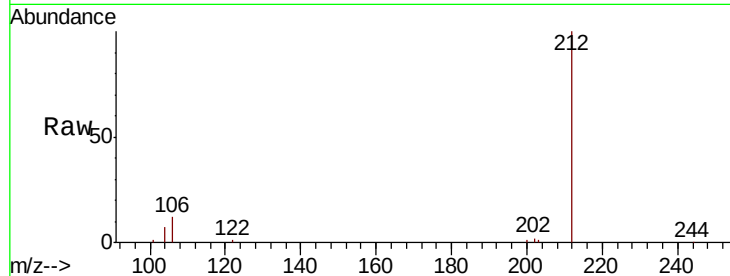
Tot Ion:212 Resp: 26226

Ion Ratio Lower Upper

212 100

106 11.8 9.0 13.4

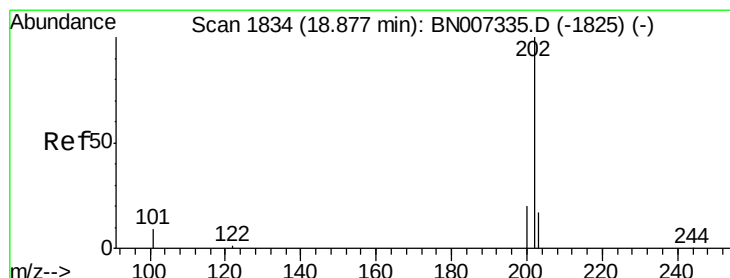
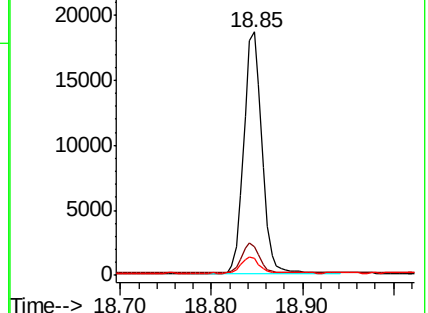
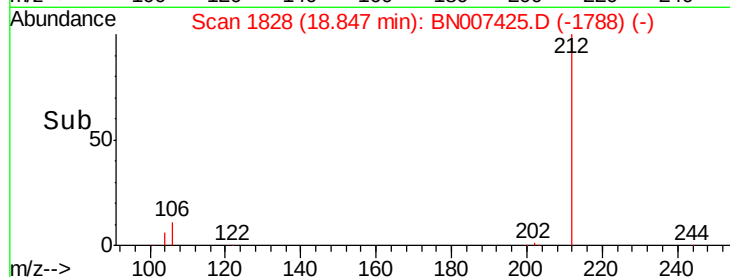
104 6.8 5.4 8.2



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: 0.394 ng

RT: 18.88 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

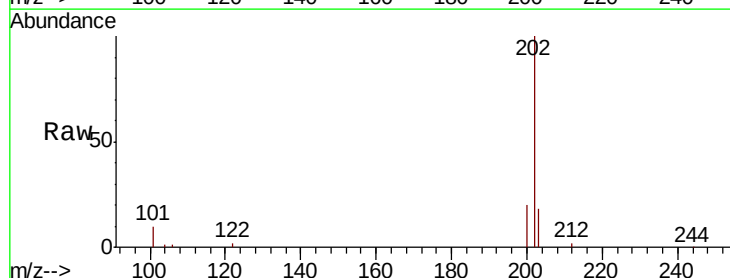
Tgt Ion:202 Resp: 31559

Ion Ratio Lower Upper

202 100

101 9.9 7.7 11.5

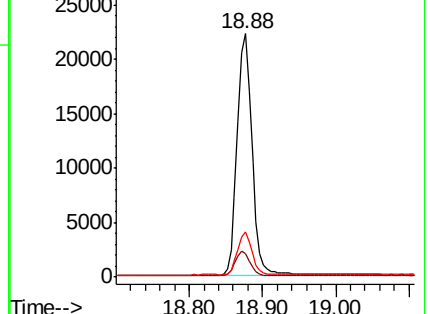
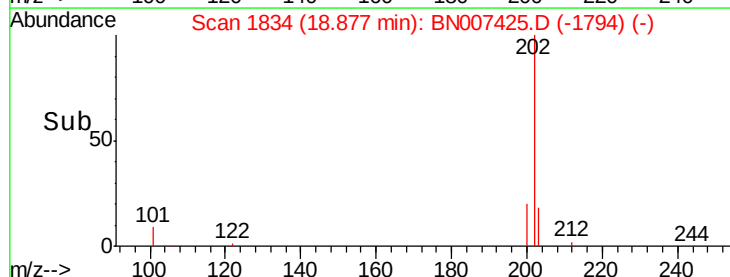
203 17.3 13.7 20.5

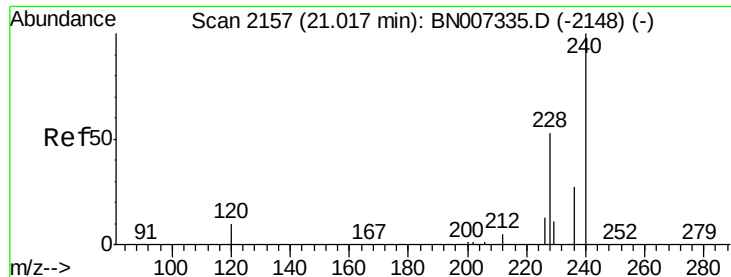


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2157

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

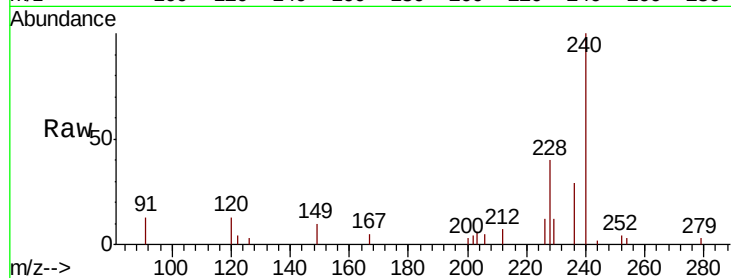
Tot Ion:240 Resp: 22449

Ion Ratio Lower Upper

240 100

120 13.2 9.6 14.4

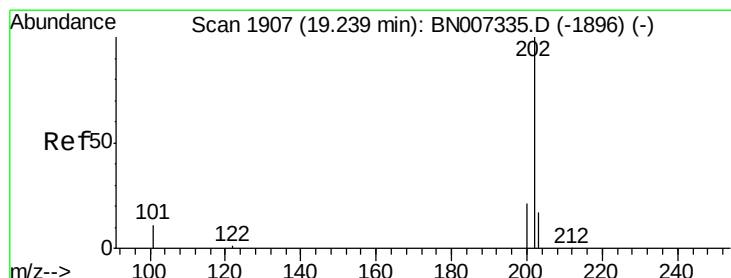
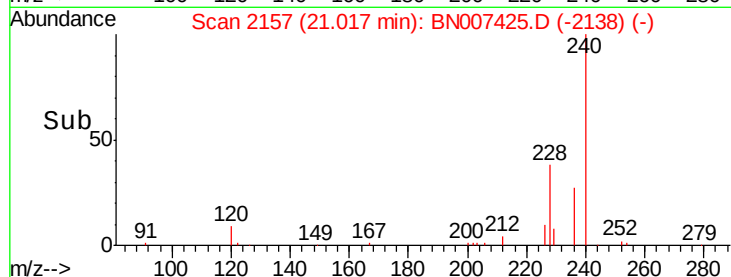
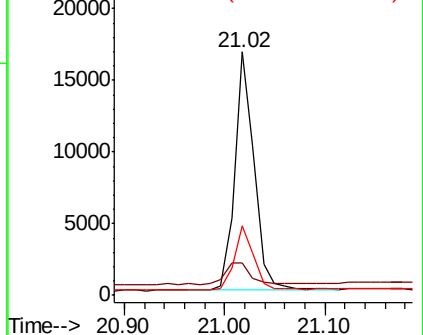
236 28.7 22.2 33.2



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: 0.366 ng

RT: 19.24 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

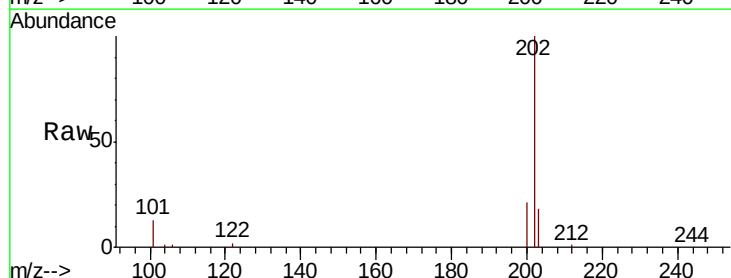
Tgt Ion:202 Resp: 33080

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

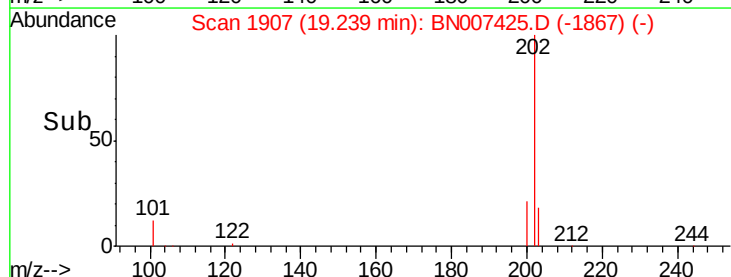
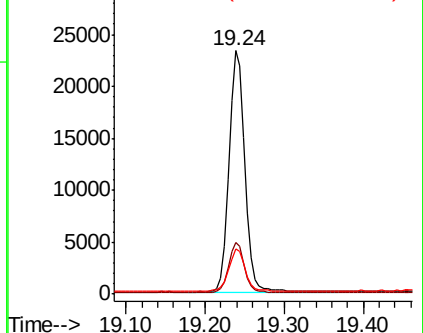
203 18.1 14.2 21.4

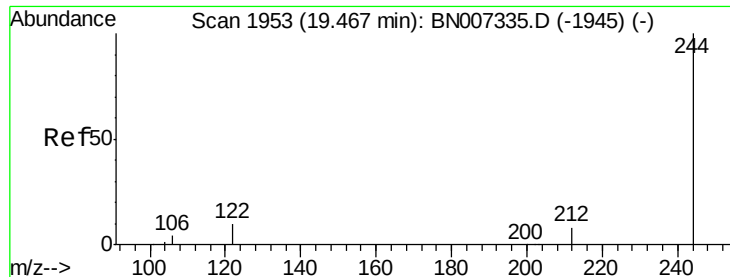


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.348 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

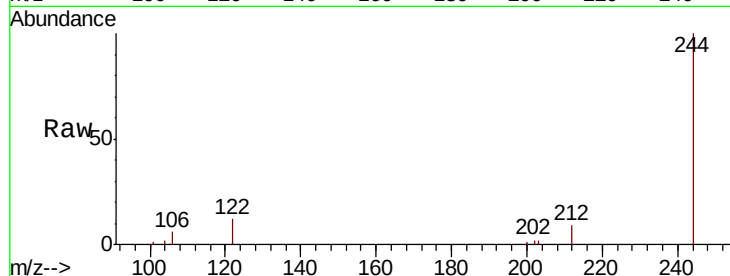
Tot Ion:244 Resp: 20463

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

122 12.2 9.6 14.4

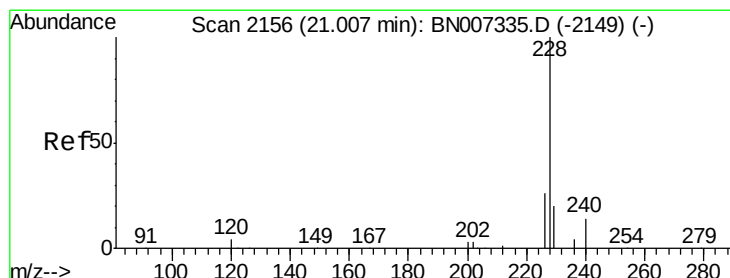
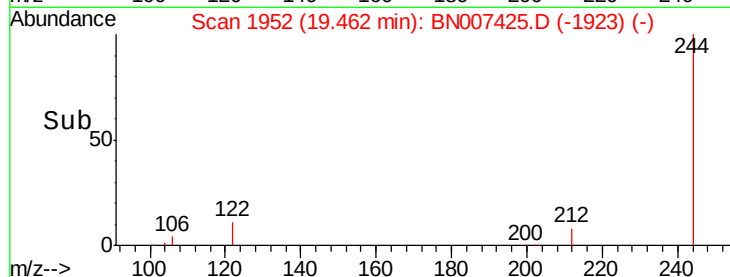
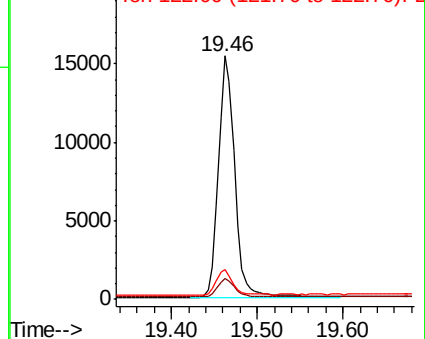


Abundance

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: 0.360 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

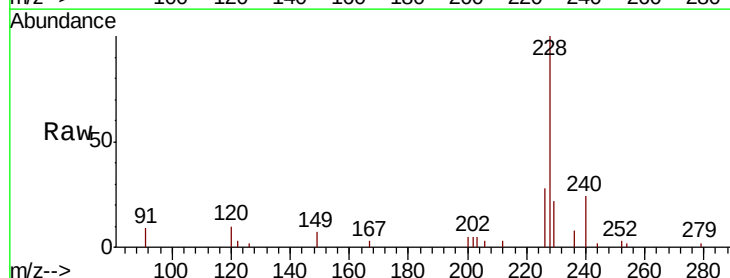
Tgt Ion:228 Resp: 31758

Ion Ratio Lower Upper

228 100

226 27.7 21.3 31.9

229 22.2 16.1 24.1

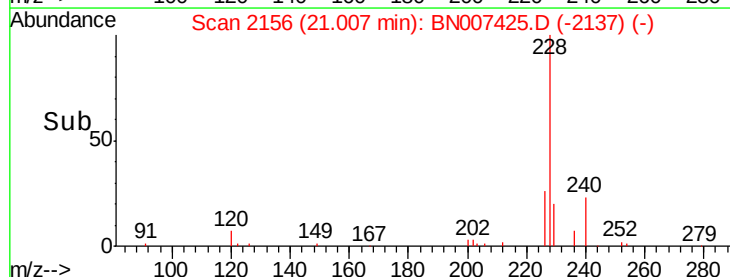
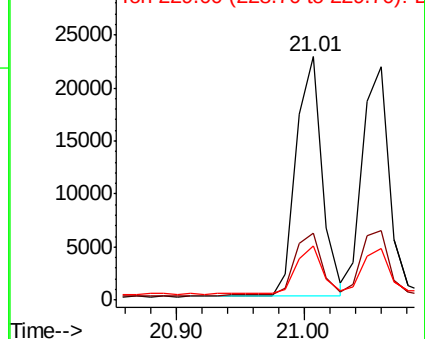


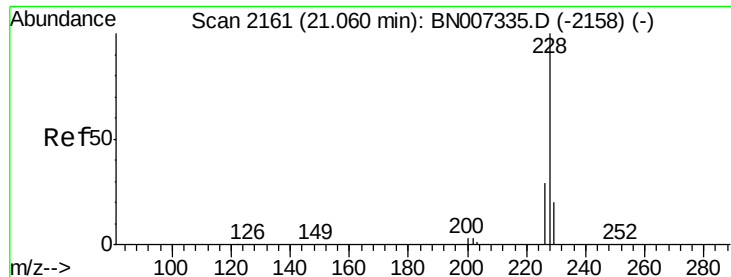
Abundance

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: 0.371 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

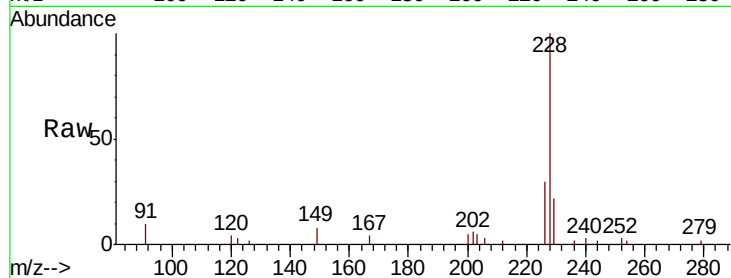
Tot Ion:228 Resp: 31580

Ion Ratio Lower Upper

228 100

226 30.0 23.5 35.3

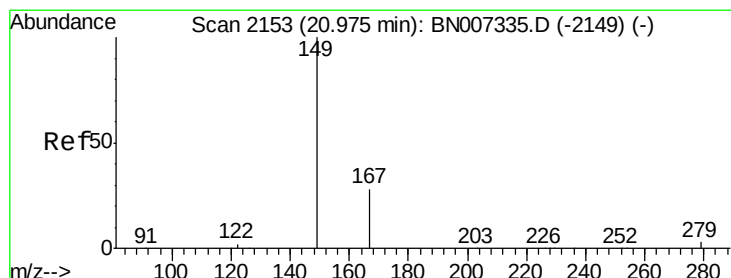
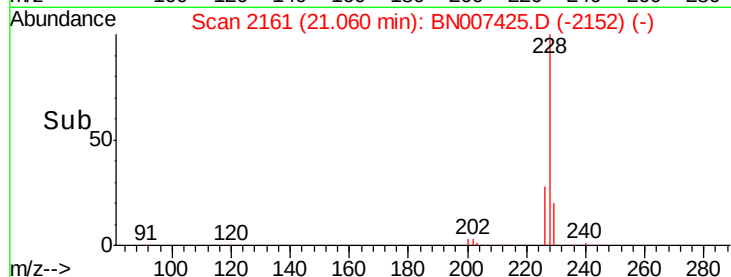
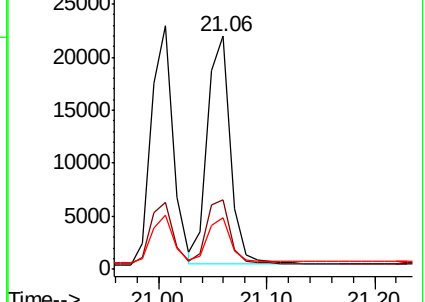
229 22.4 16.6 24.8



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: 0.329 ng

RT: 20.96 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

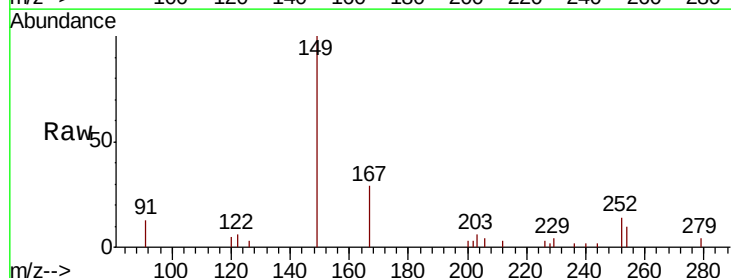
Tgt Ion:149 Resp: 19841

Ion Ratio Lower Upper

149 100

167 28.6 22.8 34.2

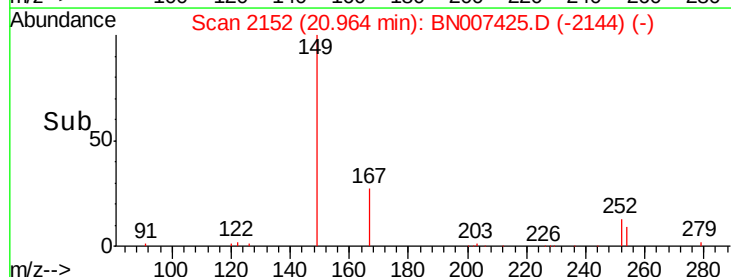
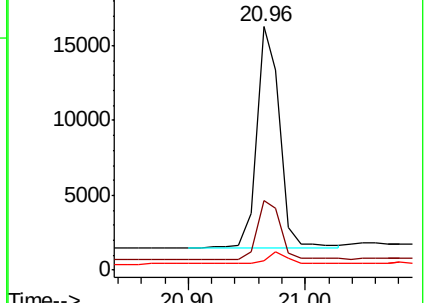
279 5.2 3.5 5.3

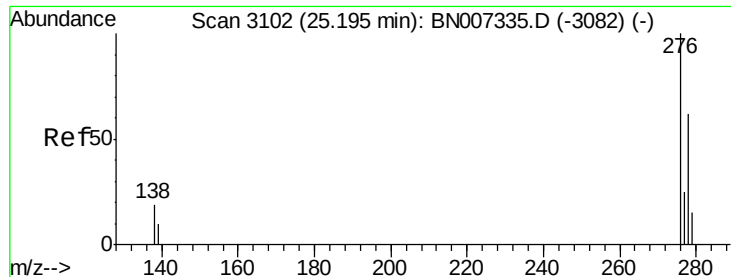


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.371 ng

RT: 25.19 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

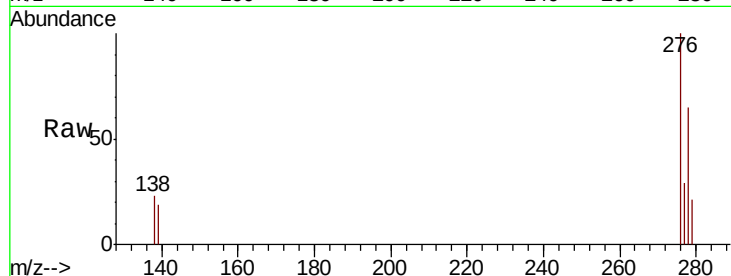
Tot Ion:276 Resp: 37984

Ion Ratio Lower Upper

276 100

138 19.5 15.1 22.7

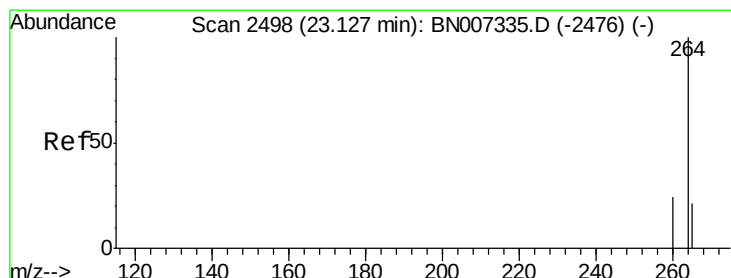
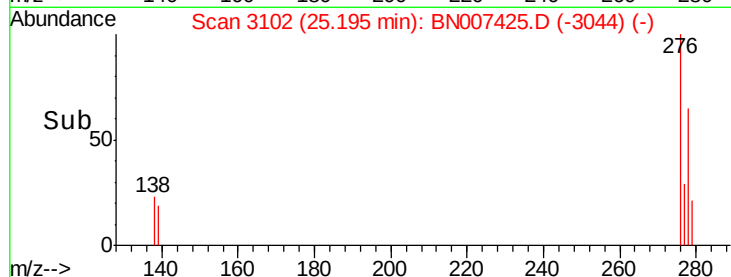
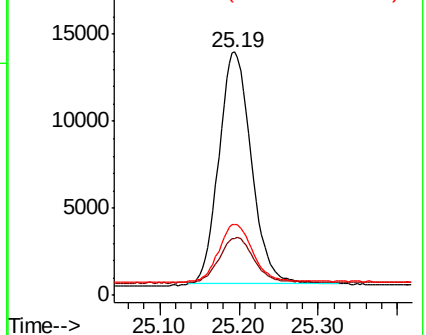
277 24.1 19.7 29.5



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: 23.13 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

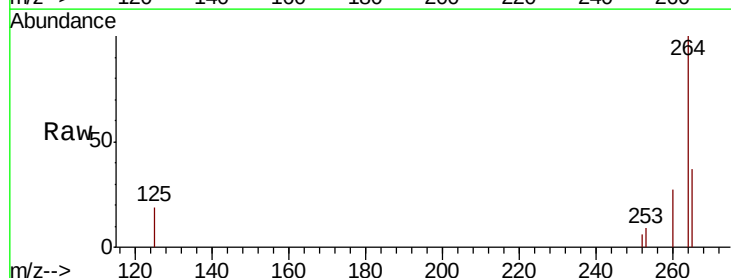
Tgt Ion:264 Resp: 25926

Ion Ratio Lower Upper

264 100

260 26.9 19.7 29.5

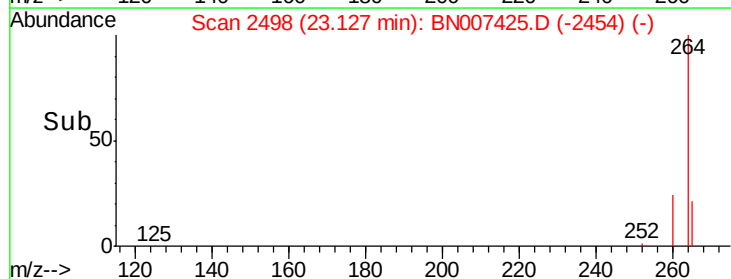
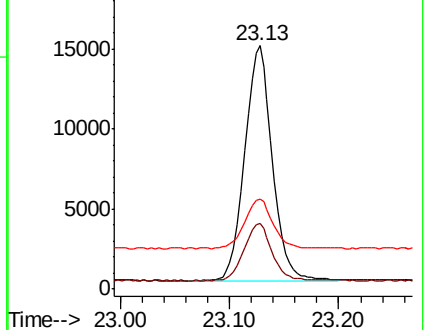
265 37.1 29.9 44.9

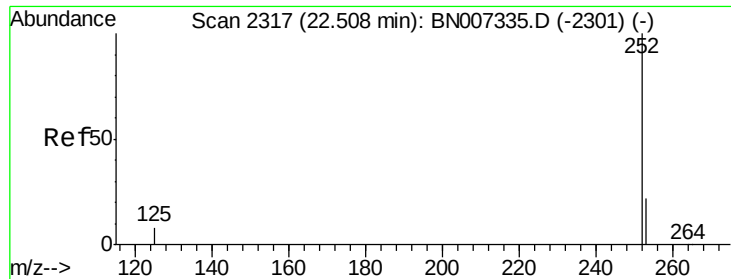


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.342 ng

RT: 22.50 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

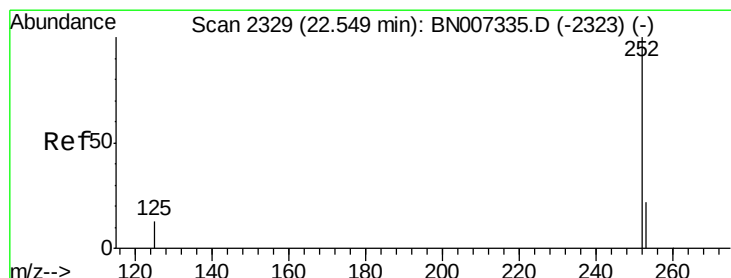
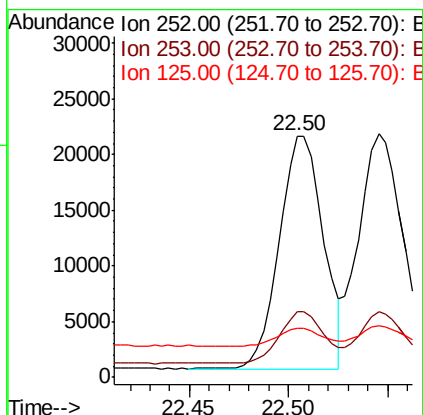
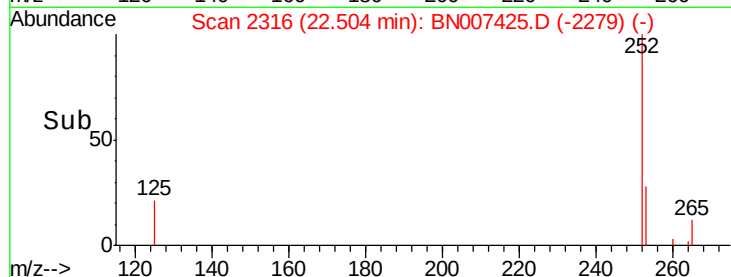
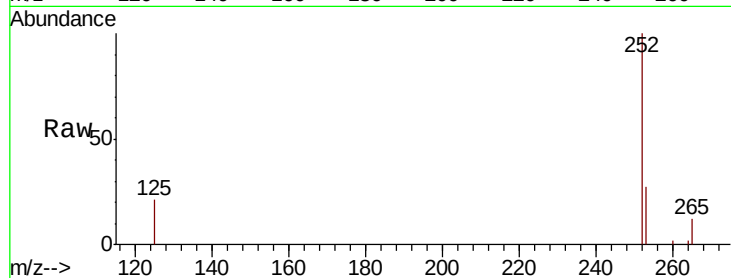
Tot Ion:252 Resp: 32139

Ion Ratio Lower Upper

252 100

253 27.3 19.2 28.8

125 20.5 10.6 16.0#



#36

Benzo(k)fluoranthene

Concen: 0.367 ng

RT: 22.55 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

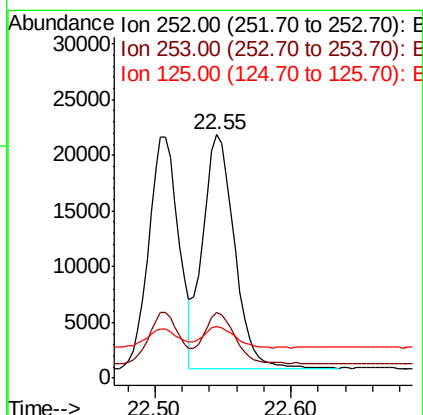
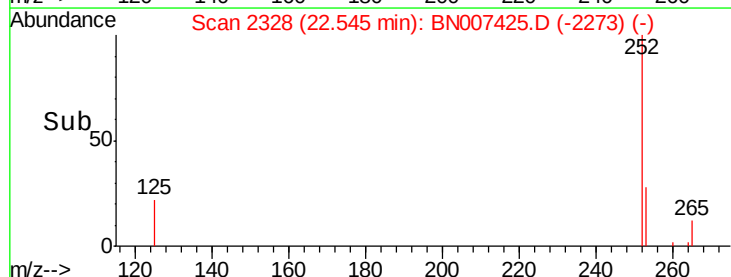
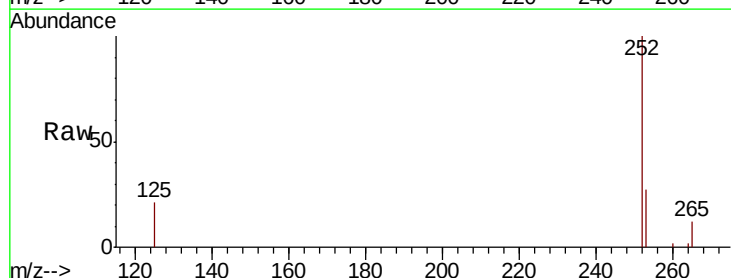
Tgt Ion:252 Resp: 34062

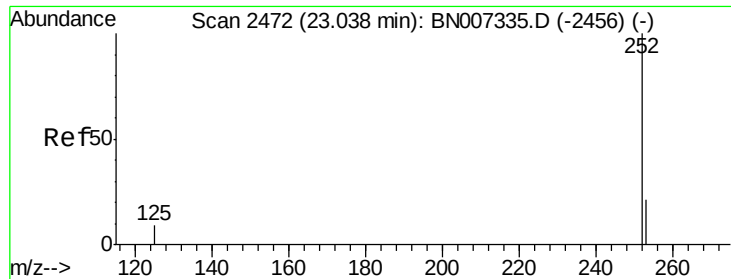
Ion Ratio Lower Upper

252 100

253 27.0 19.4 29.2

125 21.4 13.1 19.7#





#37

Benzo(a)pyrene

Concen: 0.368 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

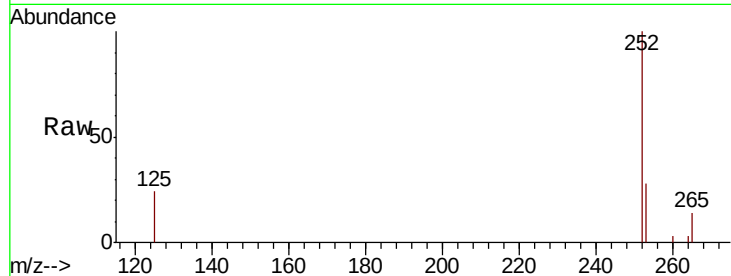
Tot Ion:252 Resp: 32913

Ion Ratio Lower Upper

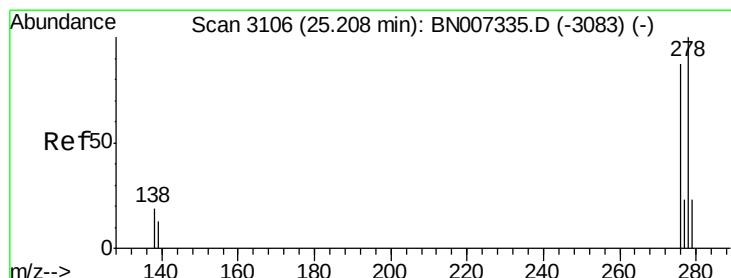
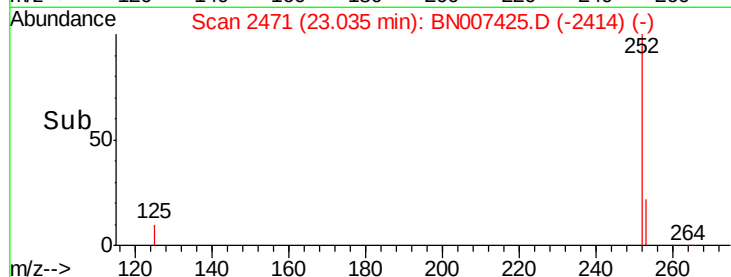
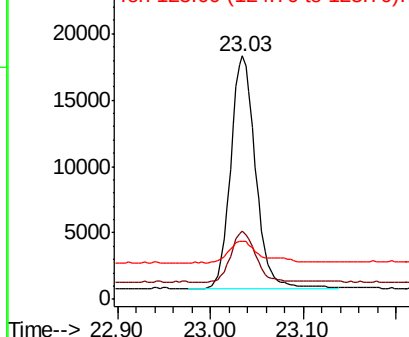
252 100

253 28.0 19.5 29.3

125 23.6 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: 0.355 ng

RT: 25.21 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

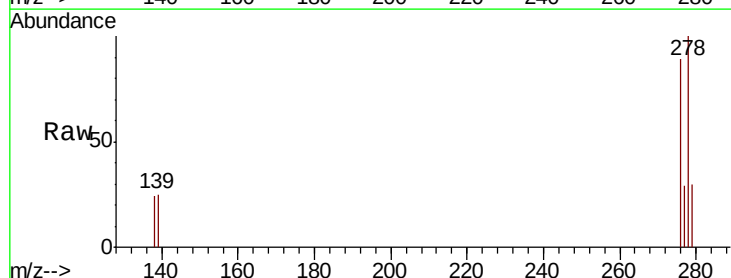
Tgt Ion:278 Resp: 31690

Ion Ratio Lower Upper

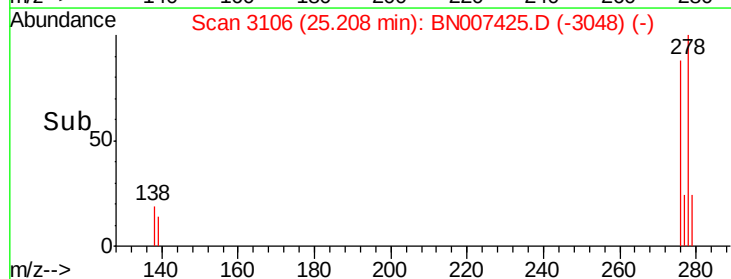
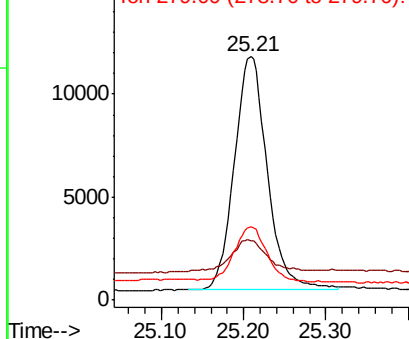
278 100

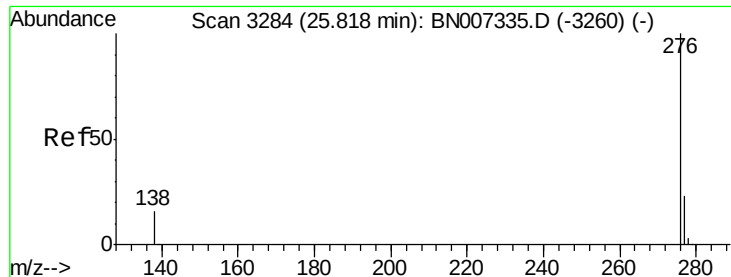
139 24.6 13.7 20.5#

279 30.2 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: 0.372 ng

RT: 25.82 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BN007425.D

Acq: 27 Aug 2019 00:24

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

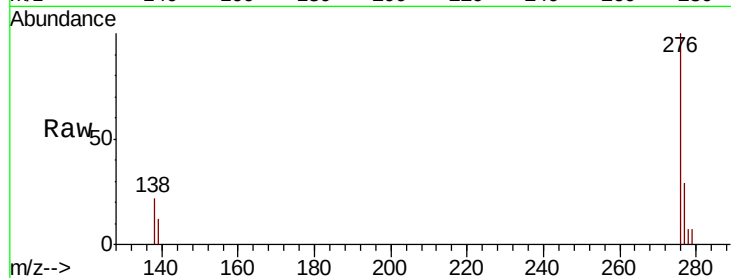
Tot Ion: 276 Resp: 33067

Ion Ratio Lower Upper

276 100

277 28.8 19.6 29.4

138 21.9 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

