

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
 Data File : BN007559.D
 Acq On : 08 Sep 2019 20:24
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 09 04:46:46 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	7.39	152	11642	0.40	ng	-0.02
7) Naphthalene-d8	10.14	136	47732	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	25272	0.40	ng	-0.02
19) Phenanthrene-d10	16.78	188	55554	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	53257	0.40	ng	-0.01
34) Perylene-d12	23.10	264	56000	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	13628	0.33	ng	-0.02
5) Phenol-d6	6.58	99	17116	0.33	ng	0.00
8) Nitrobenzene-d5	8.52	82	15432	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	11.75	152	29180	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	3744	0.28	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	39885	0.39	ng	0.00
25) Fluoranthene-d10	18.83	212	62985	0.35	ng	-0.02
29) Terphenyl-d14	19.45	244	50239	0.36	ng	-0.02

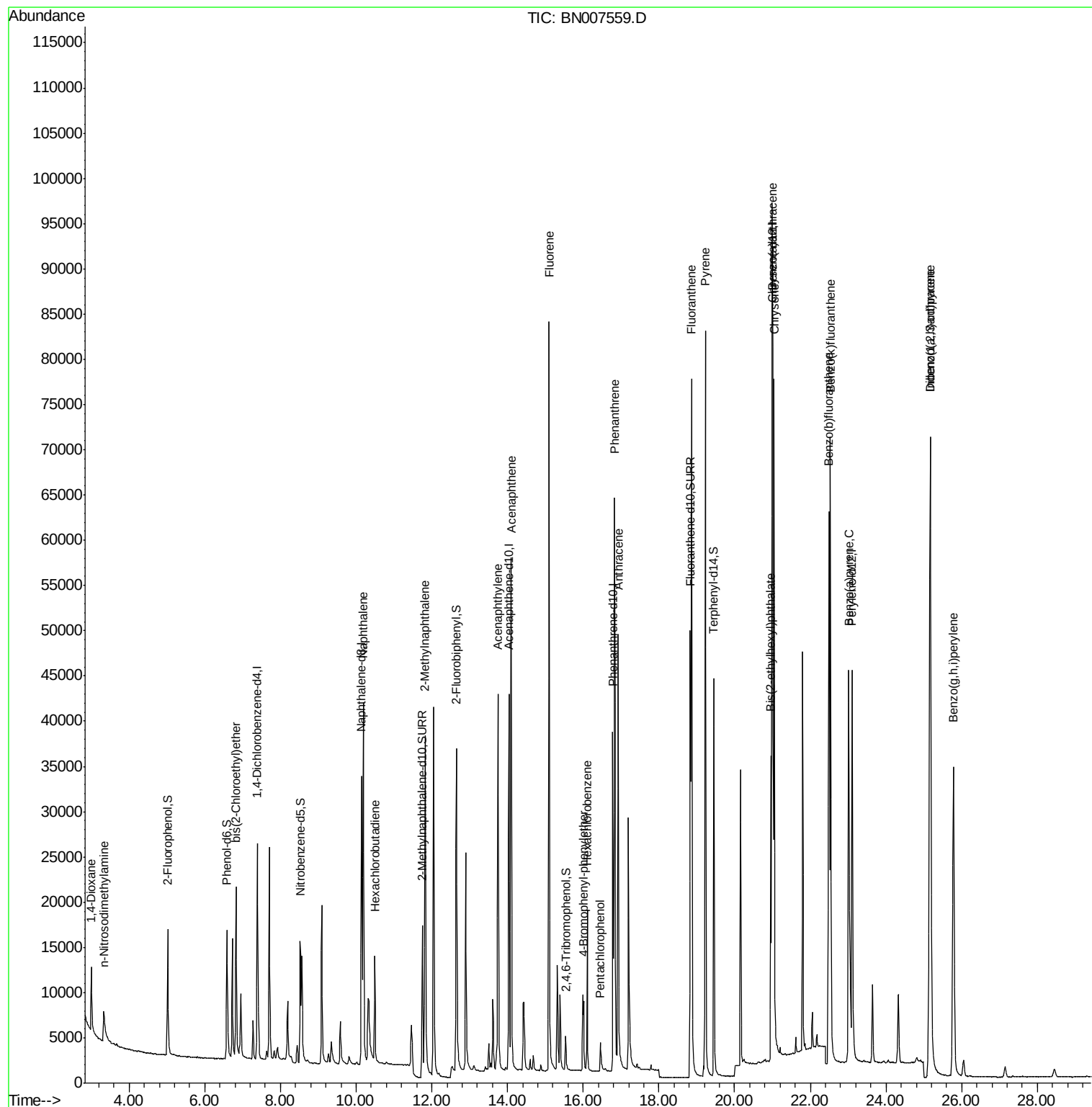
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	7655	0.396	ng	# 85
3) n-Nitrosodimethylamine	3.33	42	2723	0.303	ng	# 73
6) bis(2-Chloroethyl)ether	6.83	93	17814	0.424	ng	97
9) Naphthalene	10.19	128	54073	0.396	ng	# 89
10) Hexachlorobutadiene	10.49	225	9694	0.347	ng	# 99
12) 2-Methylnaphthalene	11.82	142	35051	0.377	ng	94
16) Acenaphthylene	13.75	152	51387	0.344	ng	99
17) Acenaphthene	14.10	154	34137	0.390	ng	98
18) Fluorene	15.09	166	41989	0.379	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	3121	0.142	ng	# 88
21) Hexachlorobenzene	16.10	284	14325	0.385	ng	97
22) Pentachlorophenol	16.45	266	2695	0.233	ng	# 64
23) Phenanthrene	16.83	178	67885	0.406	ng	99
24) Anthracene	16.92	178	59218	0.352	ng	99
26) Fluoranthene	18.86	202	77418	0.361	ng	# 97
28) Pyrene	19.23	202	79326	0.370	ng	99
30) Benzo(a)anthracene	20.99	228	71543	0.342	ng	99
31) Chrysene	21.05	228	78425	0.388	ng	98
32) Bis(2-ethylhexyl)phthalate	20.95	149	33692	0.230	ng	98
33) Indeno(1,2,3-cd)pyrene	25.16	276	87902	0.361	ng	# 94
35) Benzo(b)fluoranthene	22.49	252	75848	0.374	ng	# 95
36) Benzo(k)fluoranthene	22.53	252	85423	0.426	ng	# 95
37) Benzo(a)pyrene	23.01	252	70899	0.367	ng	# 94
38) Dibenzo(a,h)anthracene	25.17	278	70061	0.364	ng	97
39) Benzo(g,h,i)perylene	25.78	276	70157	0.365	ng	99

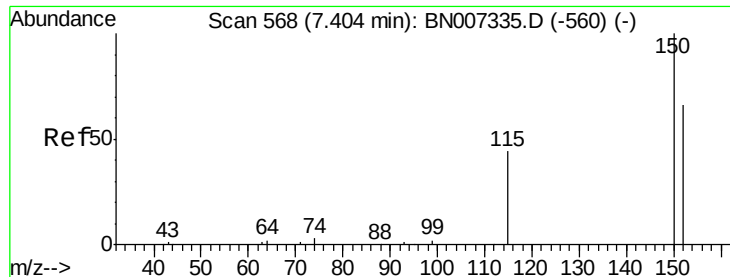
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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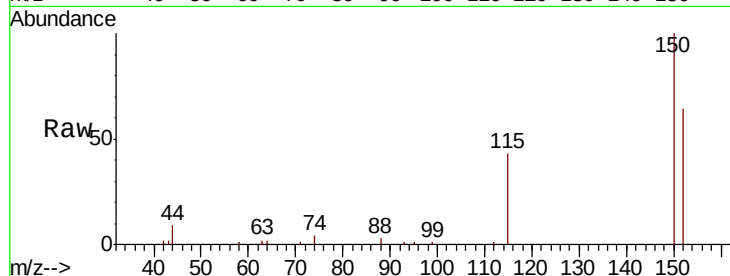


#1

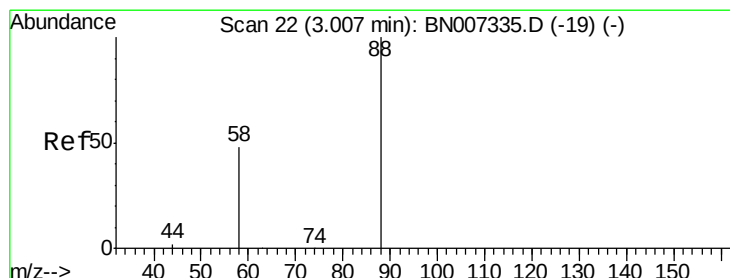
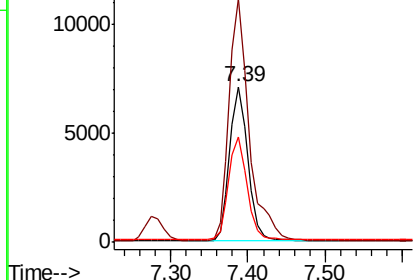
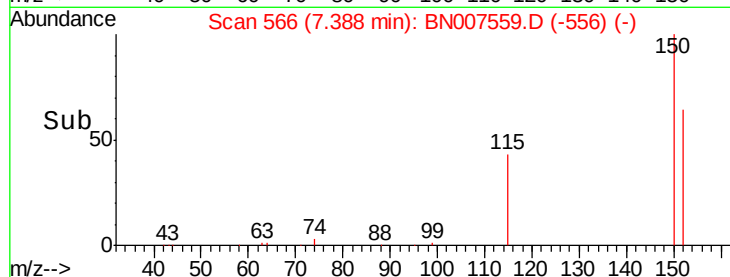
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 11642
Ion Ratio Lower Upper
152 100
150 156.3 109.1 163.7
115 68.0 59.6 89.4



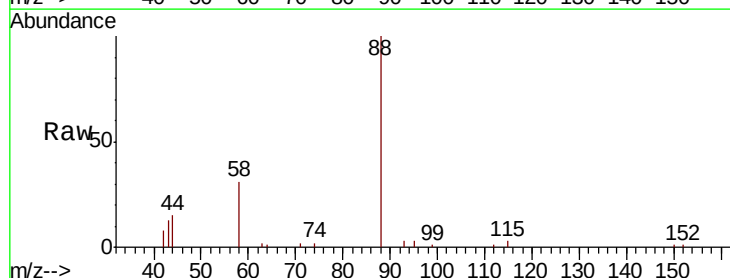
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



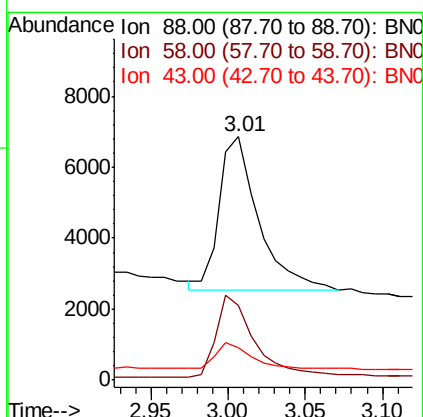
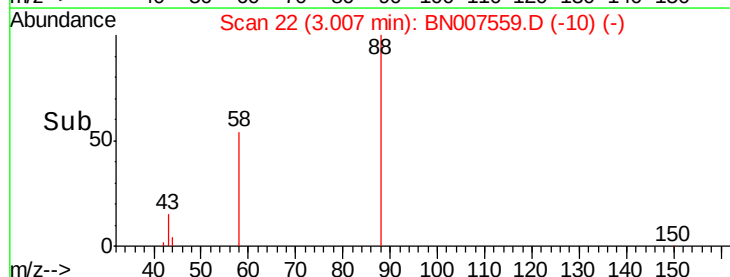
#2

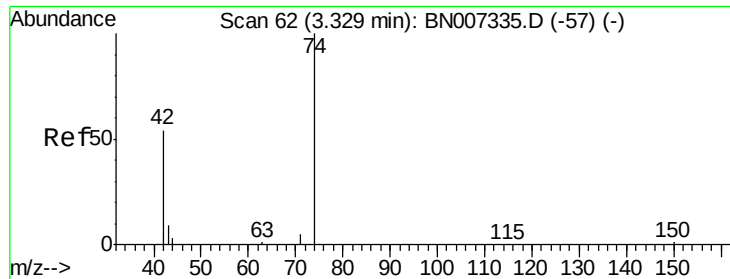
1,4-Dioxane
Concen: 0.396 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

Tgt Ion: 88 Resp: 7655
Ion Ratio Lower Upper
88 100
58 51.7 50.5 75.7
43 15.0 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: 0.303 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

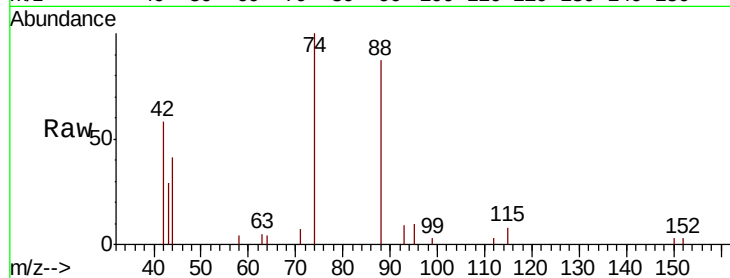
Tot Ion: 42 Resp: 2723

Ion Ratio Lower Upper

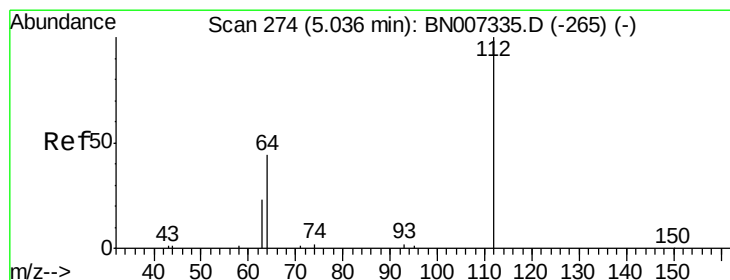
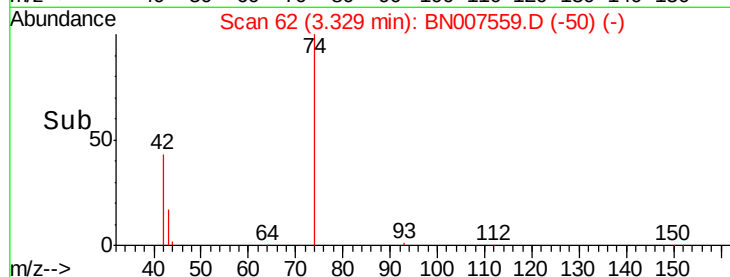
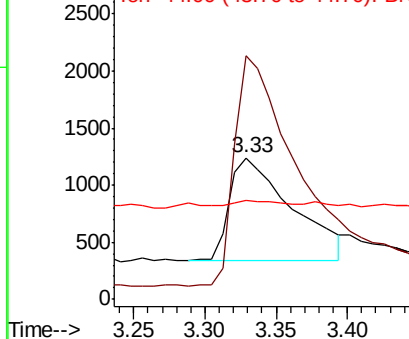
42 100

74 220.0 144.7 217.1#

44 3.9 3.2 4.8



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.332 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

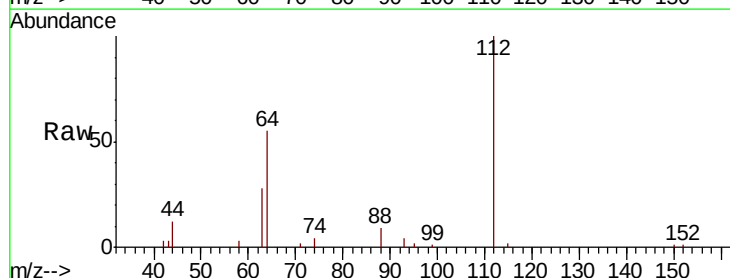
Tgt Ion: 112 Resp: 13628

Ion Ratio Lower Upper

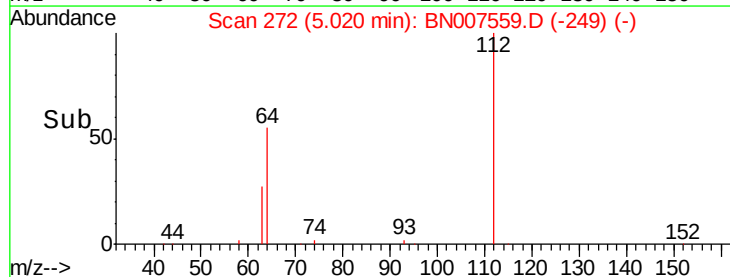
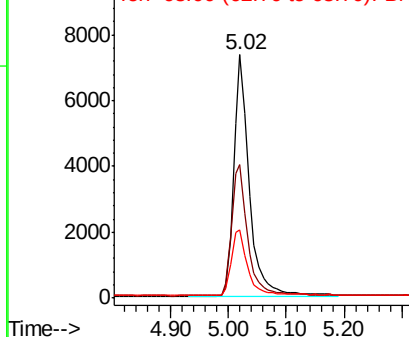
112 100

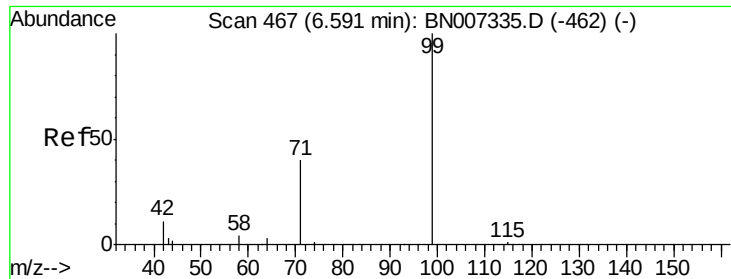
64 56.9 42.3 63.5

63 28.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.328 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

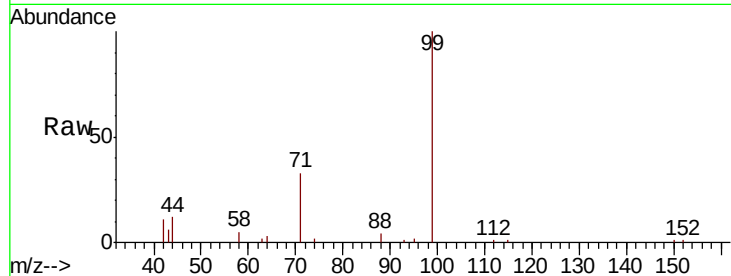
Tot Ion: 99 Resp: 17116

Ion Ratio Lower Upper

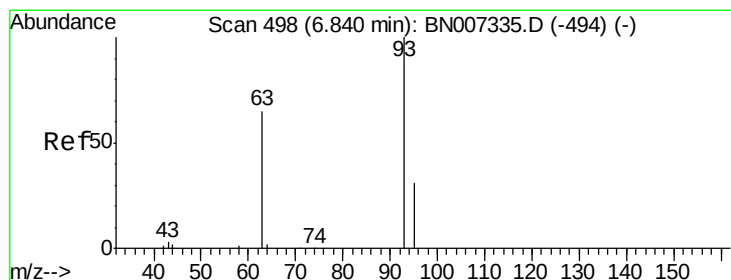
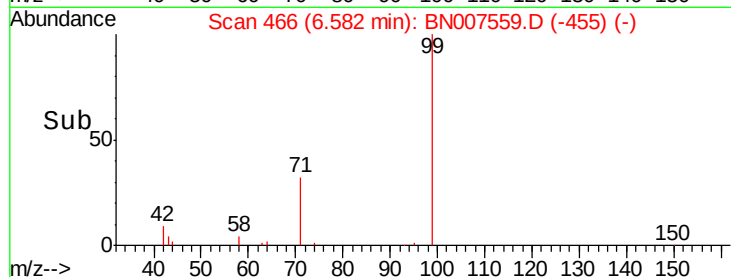
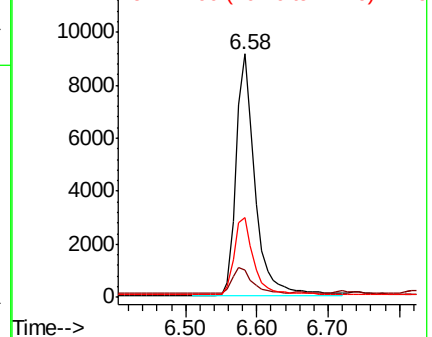
99 100

42 11.0 11.2 16.8#

71 33.1 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: 0.424 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

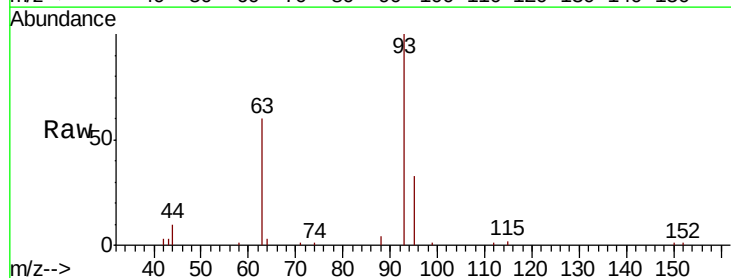
Tgt Ion: 93 Resp: 17814

Ion Ratio Lower Upper

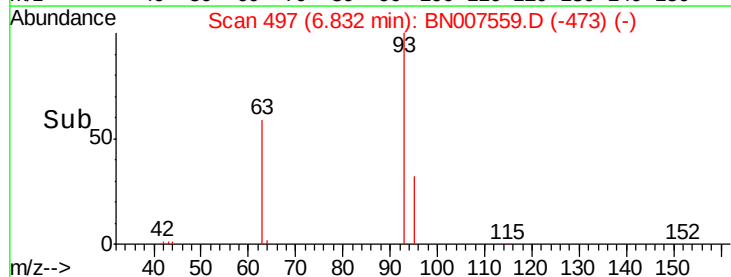
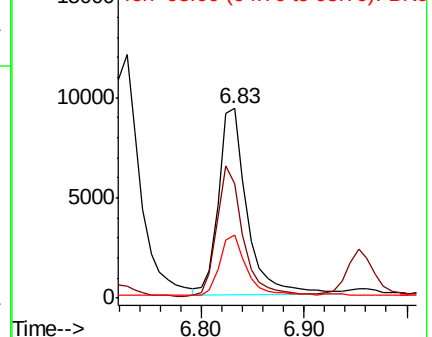
93 100

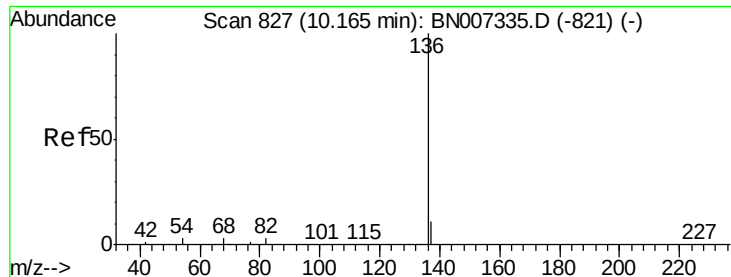
63 64.3 51.9 77.9

95 30.7 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: 10.14 min Scan# 825

Delta R.T. -0.03 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 47732

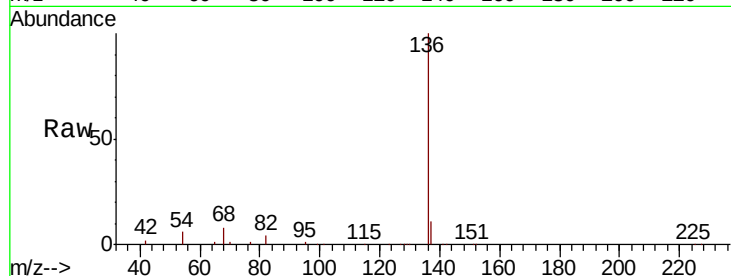
Ion Ratio Lower Upper

136 100

137 11.1 12.9 19.3#

54 5.7 8.6 12.8#

68 7.8 17.0 25.4#

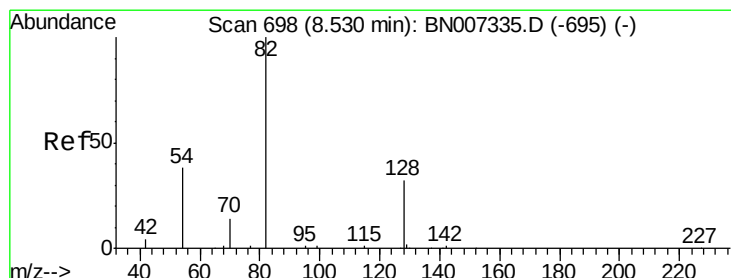
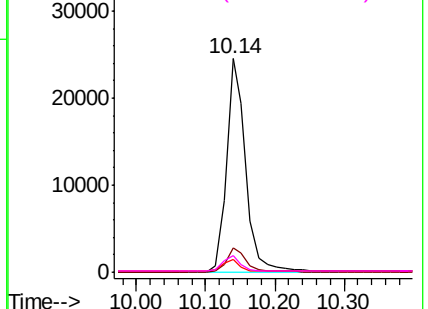
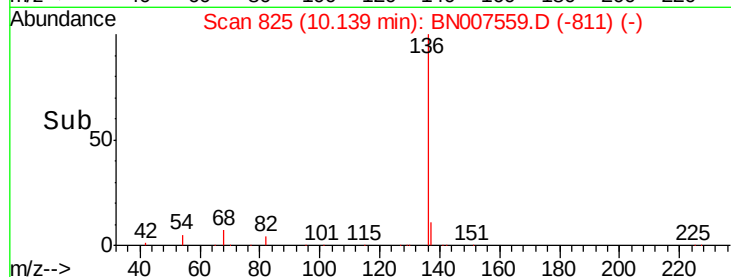


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 8.52 min Scan# 697

Delta R.T. -0.01 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

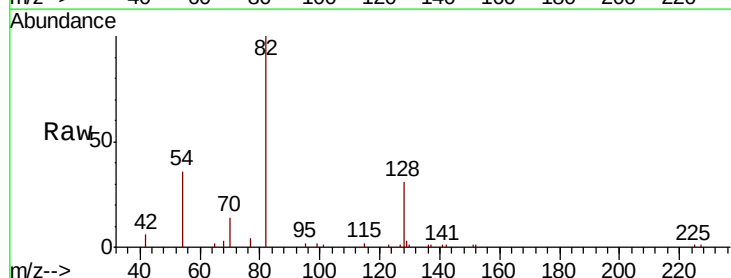
Tgt Ion: 82 Resp: 15432

Ion Ratio Lower Upper

82 100

128 30.8 19.7 29.5#

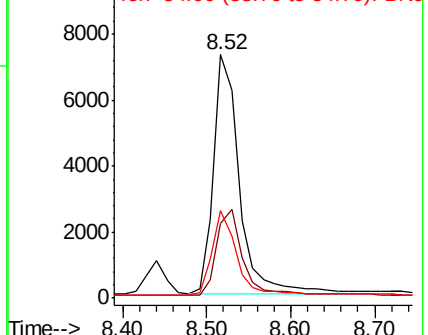
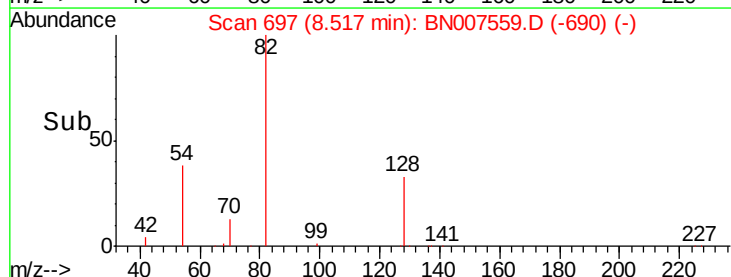
54 35.9 25.8 38.6

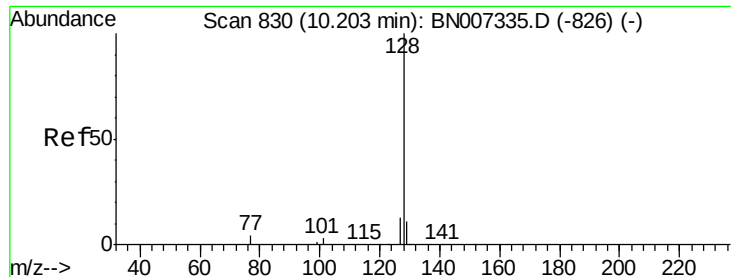


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.396 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

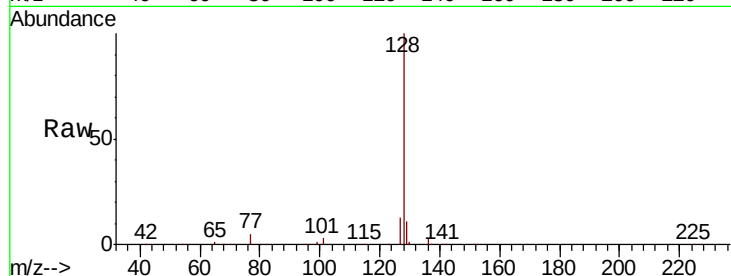
Tot Ion:128 Resp: 54073

Ion Ratio Lower Upper

128 100

129 11.1 11.1 16.7#

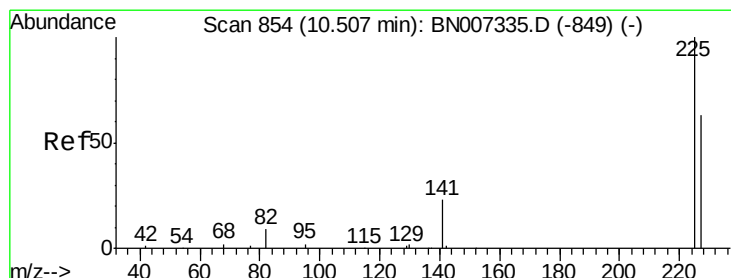
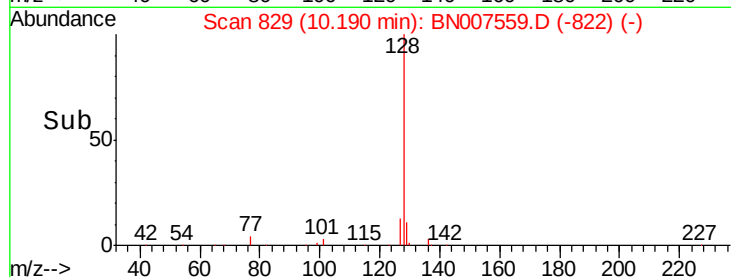
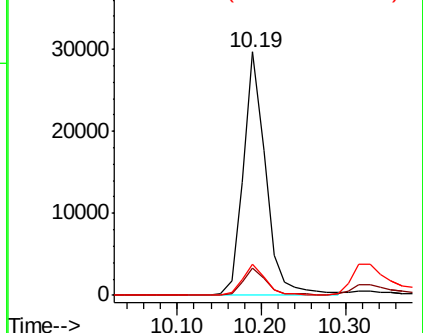
127 12.9 15.5 23.3#



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: 0.347 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

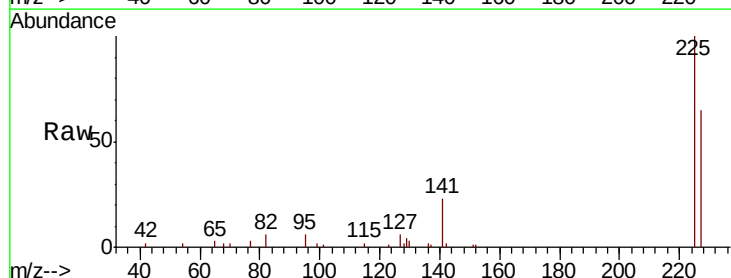
Tgt Ion:225 Resp: 9694

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

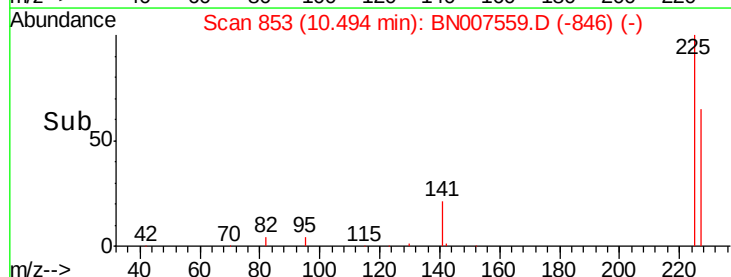
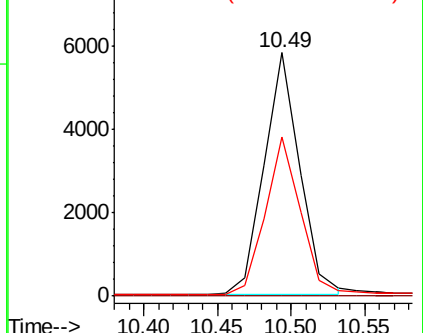
227 64.0 50.7 76.1

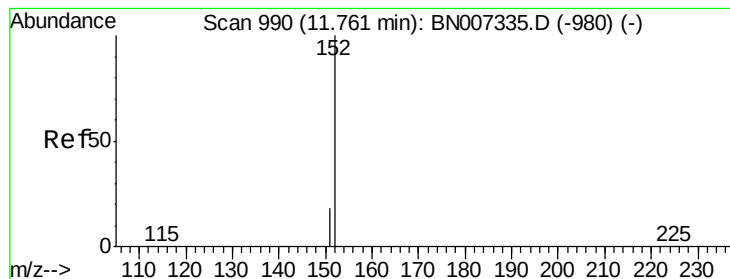


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.368 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

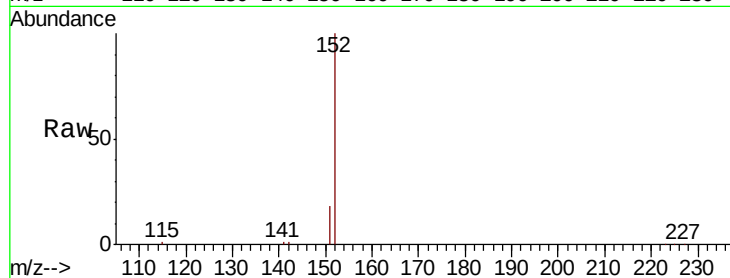
ClientSampleId :

Tot Ion:152 Resp: 29180

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.75

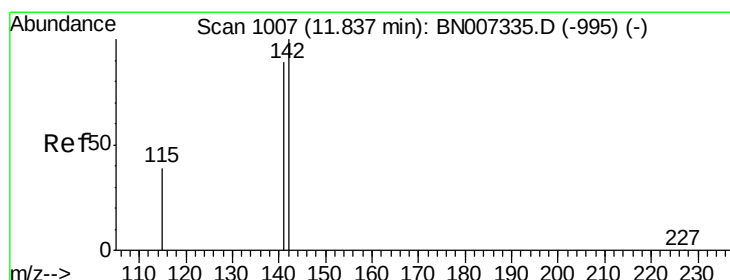
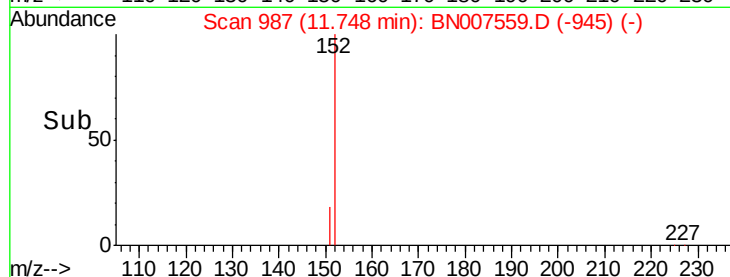
15000

10000

5000

0

Time--> 11.60 11.80



#12

2-Methylnaphthalene

Concen: 0.377 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

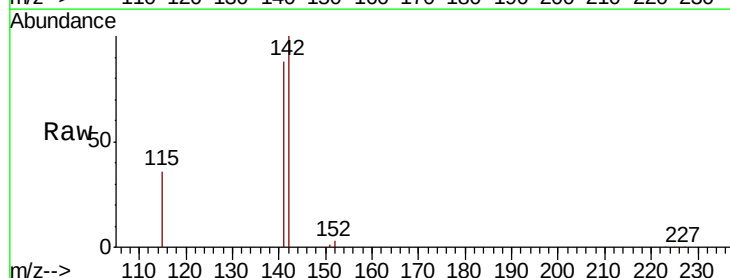
Tgt Ion:142 Resp: 35051

Ion Ratio Lower Upper

142 100

141 88.3 72.8 109.2

115 36.3 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

11.82

20000

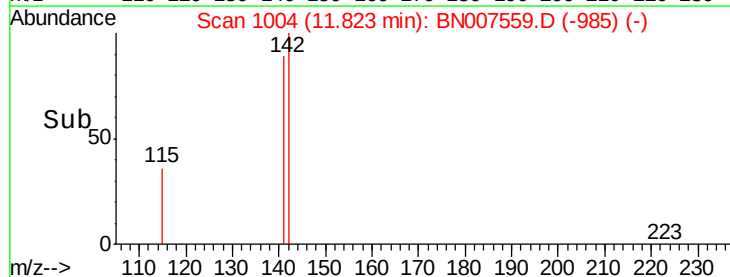
15000

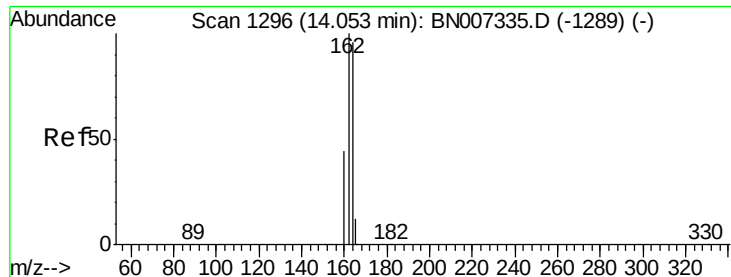
10000

5000

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

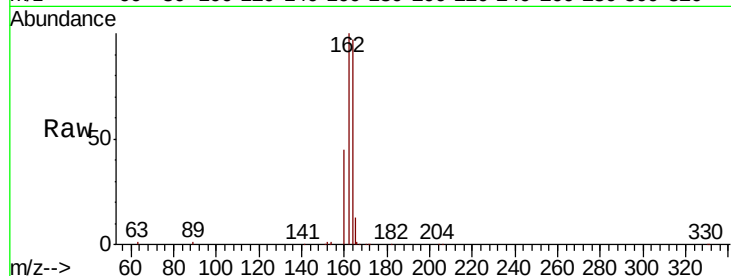
Tot Ion:164 Resp: 25272

Ion Ratio Lower Upper

164 100

162 103.1 83.5 125.3

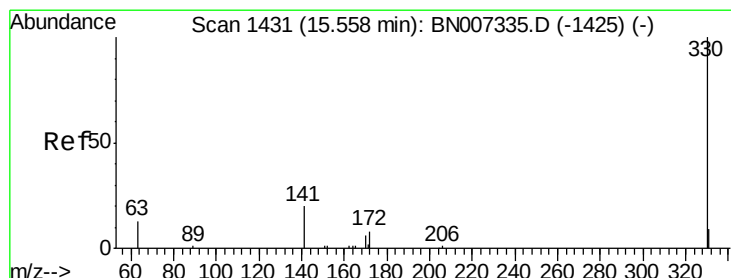
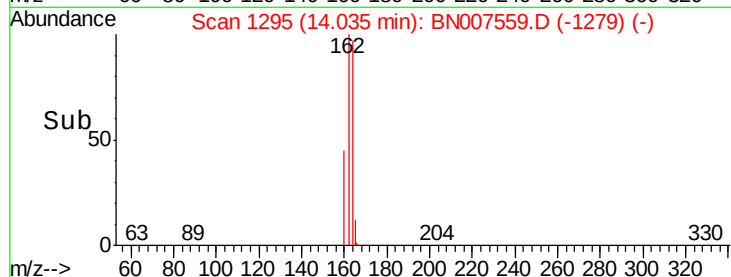
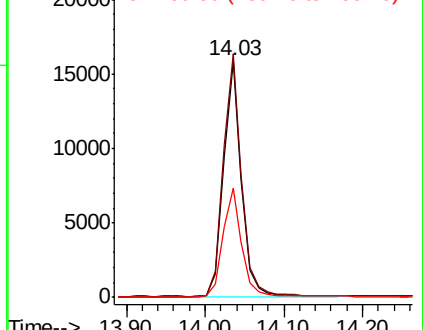
160 46.0 38.2 57.4



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: 0.283 ng

RT: 15.54 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

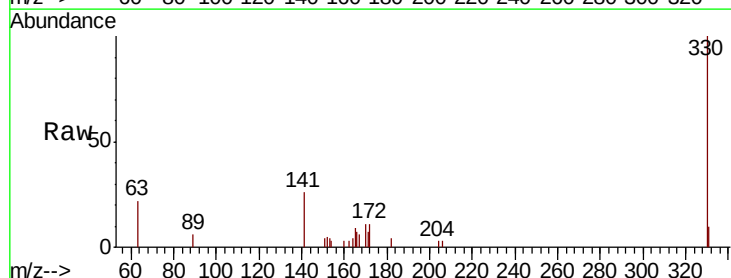
Tgt Ion:330 Resp: 3744

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

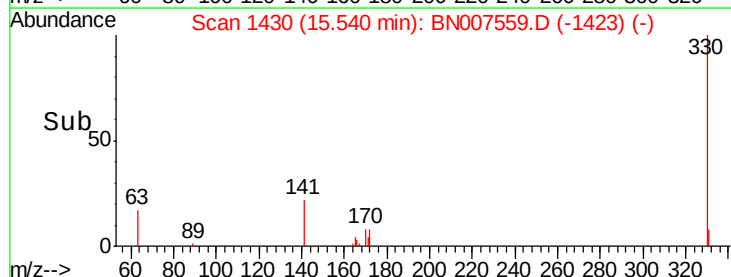
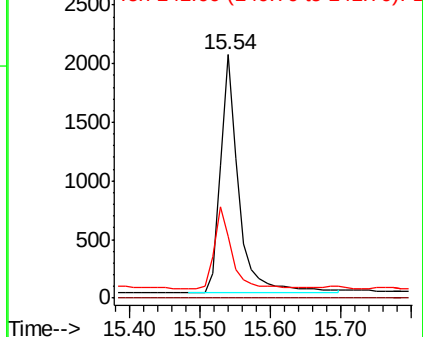
141 32.3 26.9 40.3

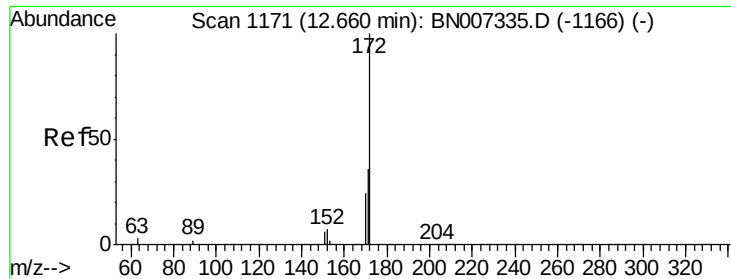


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

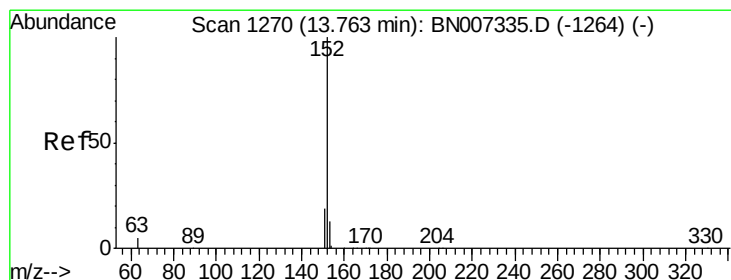
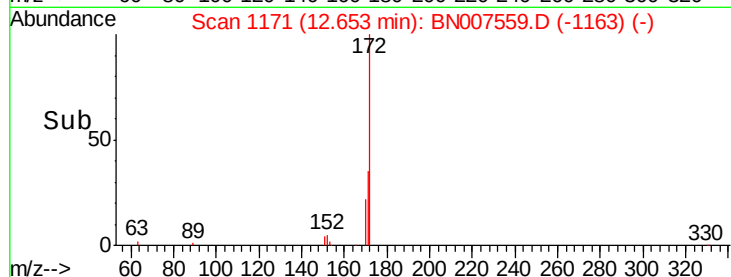
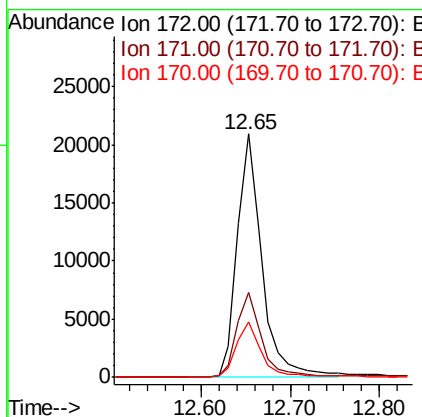
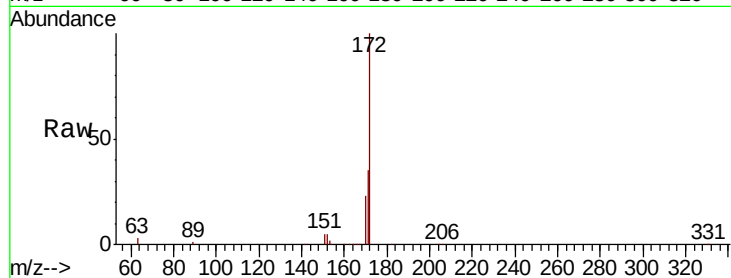




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

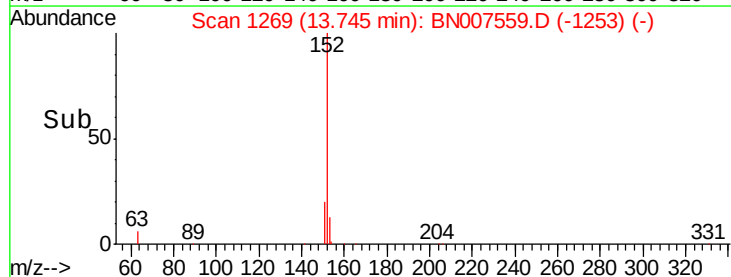
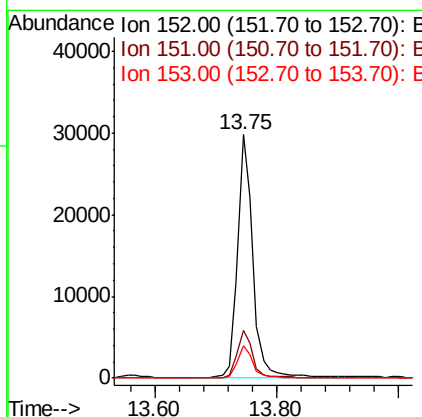
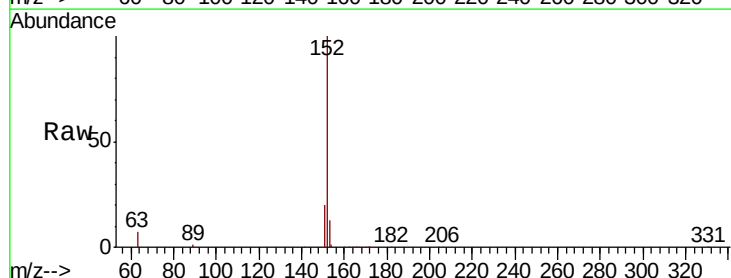
Instrument :
BNA_N
ClientSampled :

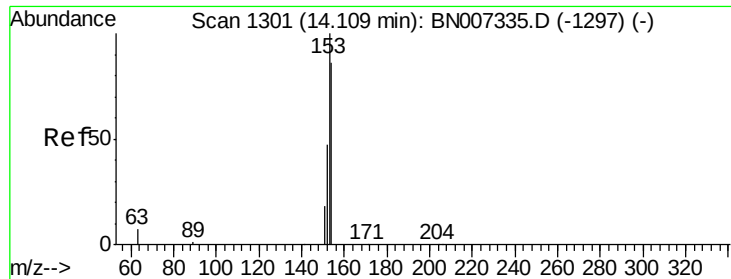
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.3	45.5
170	22.5	20.7	31.1



#16
Acenaphthylene
Concen: 0.344 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.0	10.6	15.8

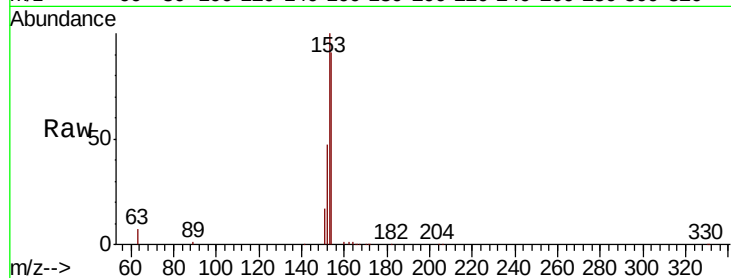




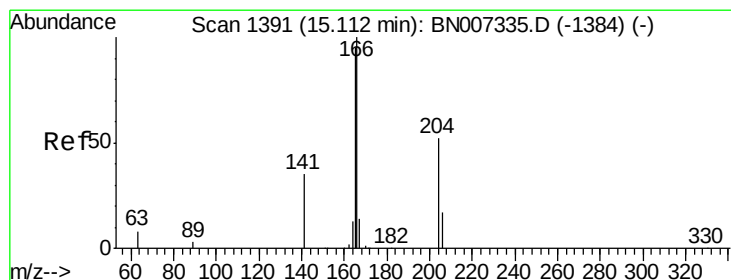
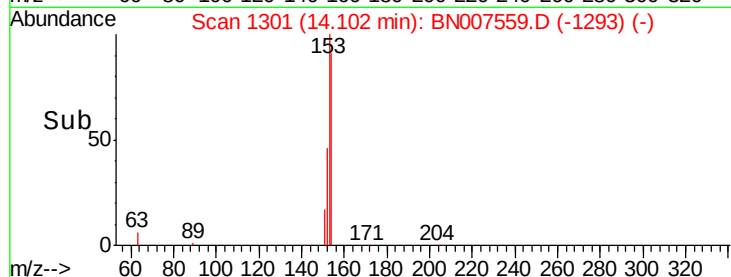
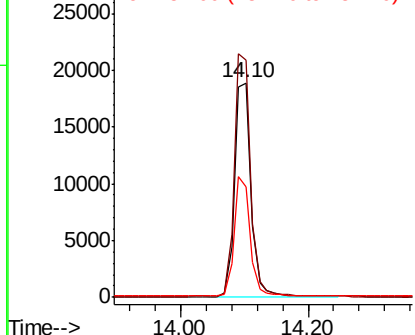
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

Instrument :
BNA_N
ClientSampled :

Tot Ion:154 Resp: 34137
Ion Ratio Lower Upper
154 100
153 112.7 92.8 139.2
152 54.2 43.8 65.8

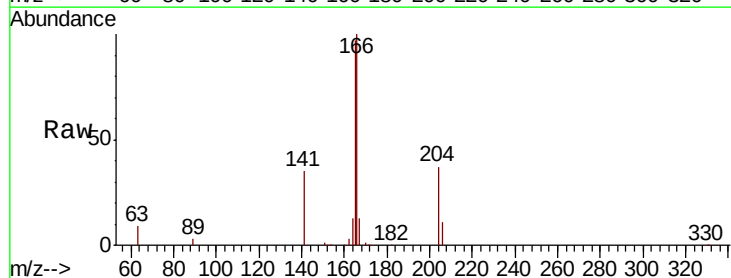


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

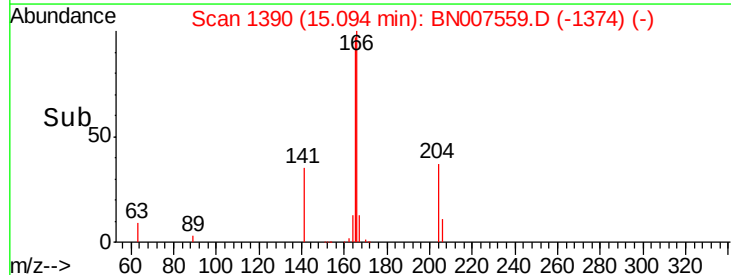
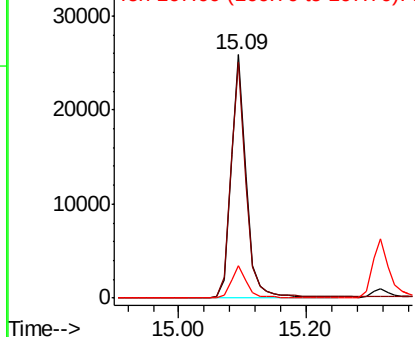


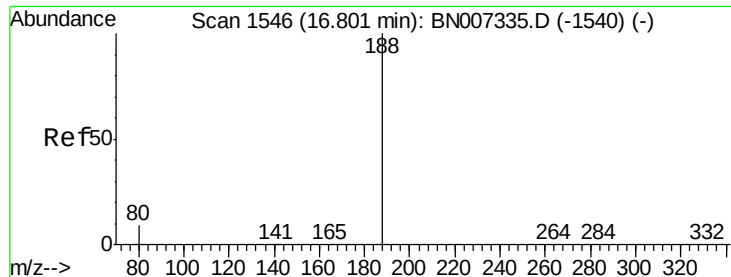
#18
Fluorene
Concen: 0.379 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

Tgt Ion:166 Resp: 41989
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.4
167 13.3 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: 16.78 min Scan# 1545

Delta R.T. -0.02 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

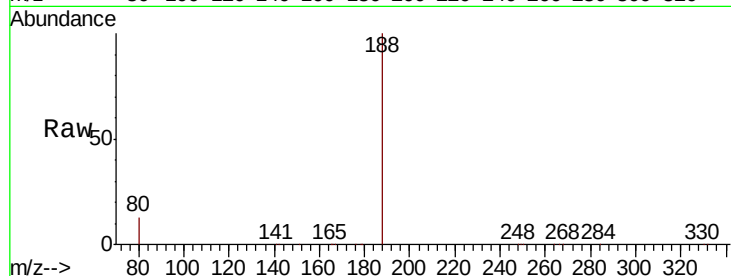
Tot Ion:188 Resp: 55554

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

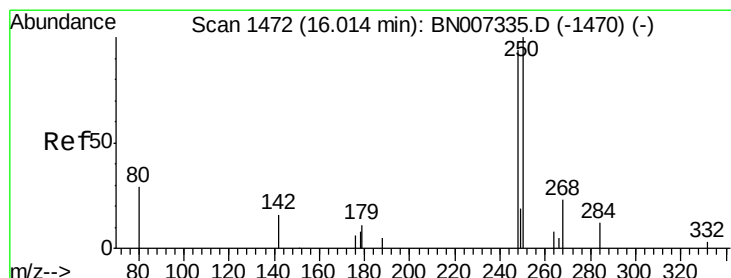
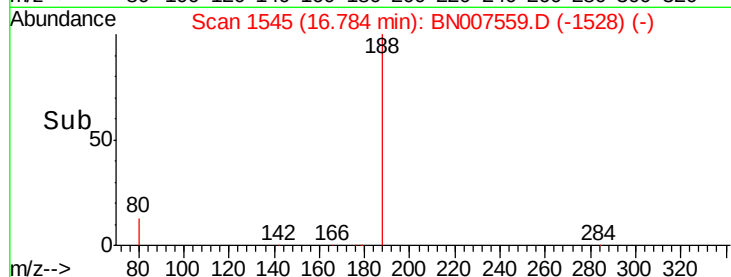
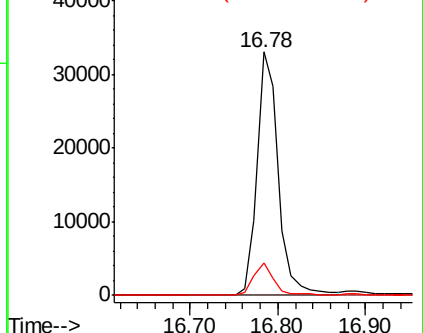
80 13.4 11.8 17.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.142 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

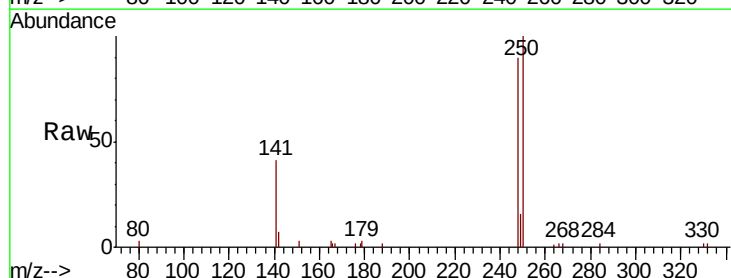
Tgt Ion:248 Resp: 3121

Ion Ratio Lower Upper

248 100

250 111.1 85.0 127.6

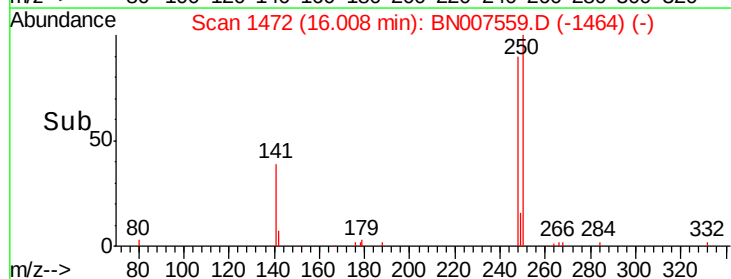
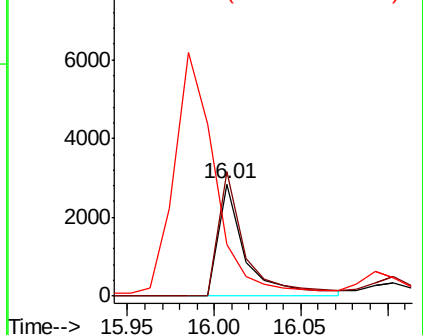
141 45.7 51.7 77.5#

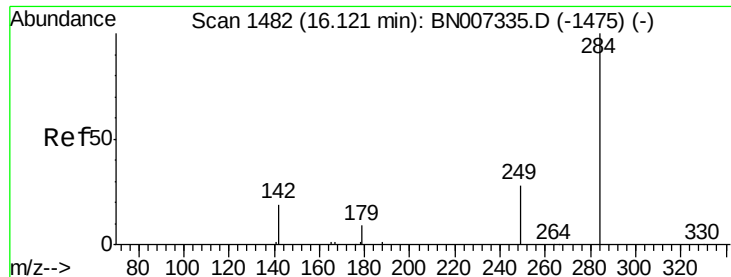


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

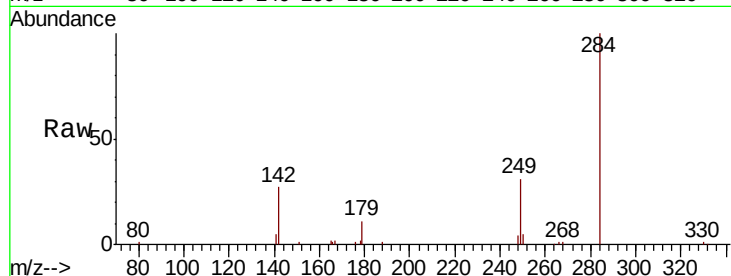




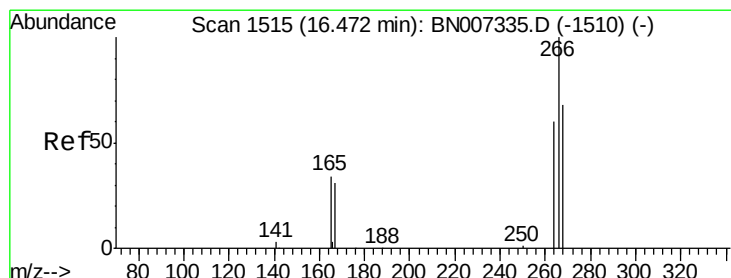
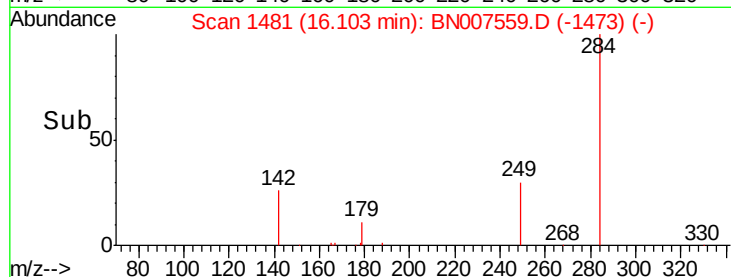
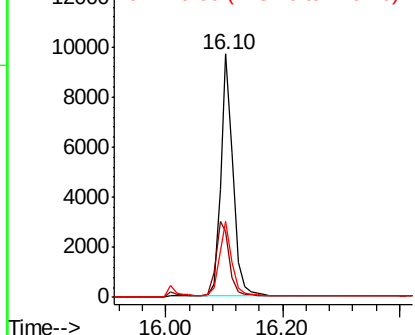
#21
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 14325
Ion Ratio Lower Upper
284 100
142 33.7 29.0 43.6
249 30.9 24.9 37.3

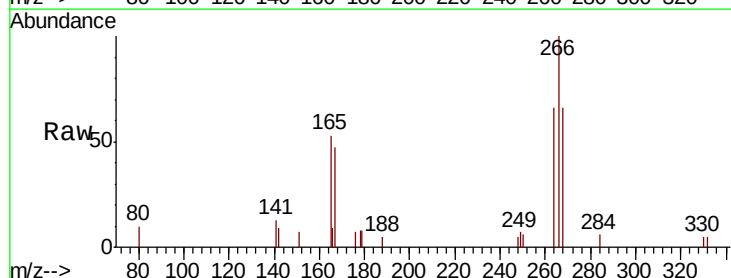


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

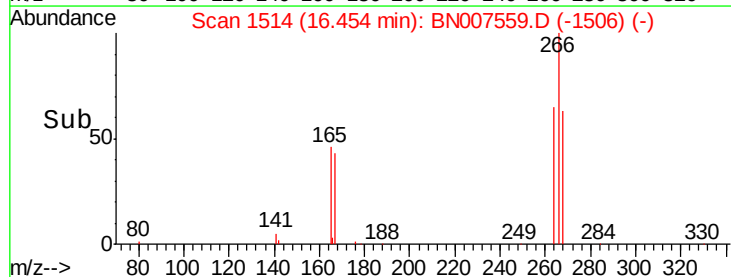
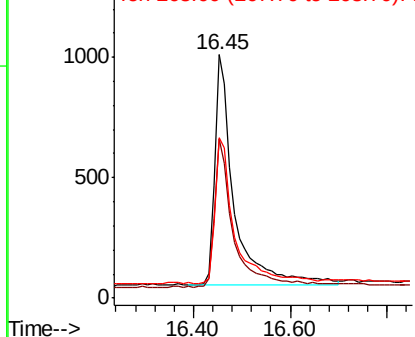


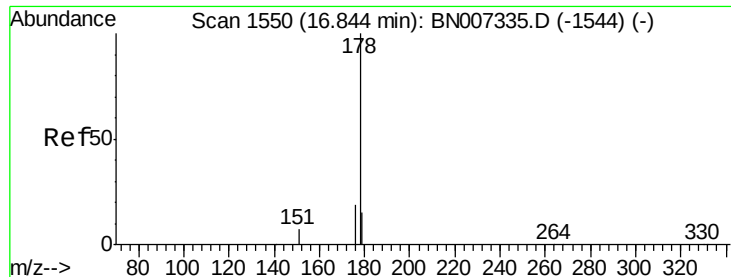
#22
Pentachlorophenol
Concen: 0.233 ng
RT: 16.45 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

Tgt Ion:266 Resp: 2695
Ion Ratio Lower Upper
266 100
264 65.6 57.8 86.8
268 66.0 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: 0.406 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampled :

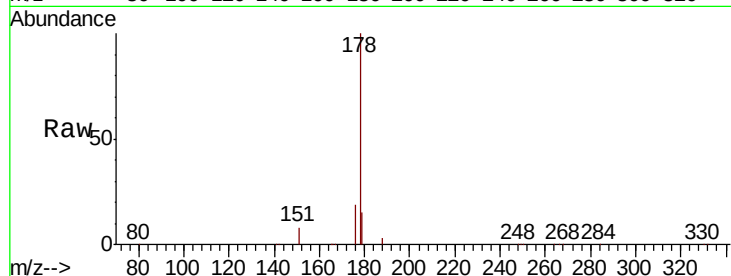
Tot Ion:178 Resp: 67885

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

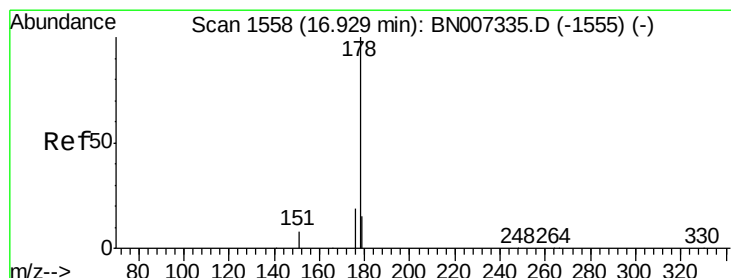
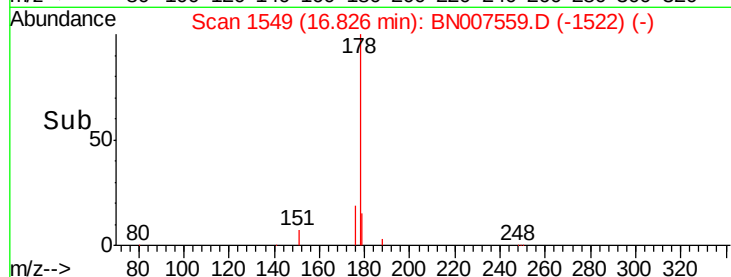
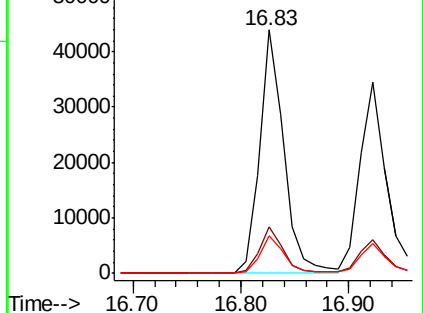
179 15.4 12.6 19.0



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: 0.352 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

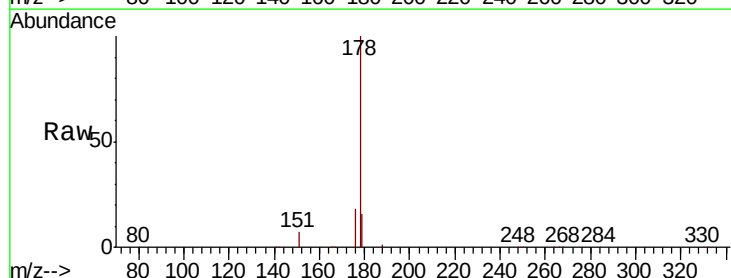
Tgt Ion:178 Resp: 59218

Ion Ratio Lower Upper

178 100

176 17.8 14.9 22.3

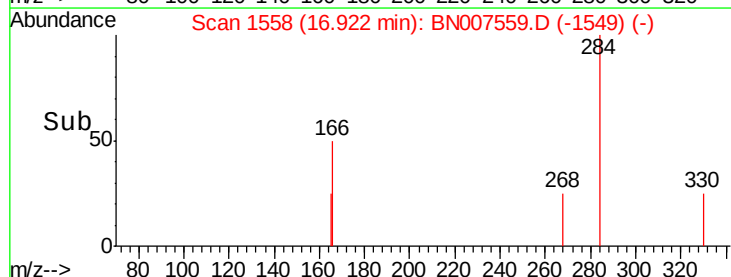
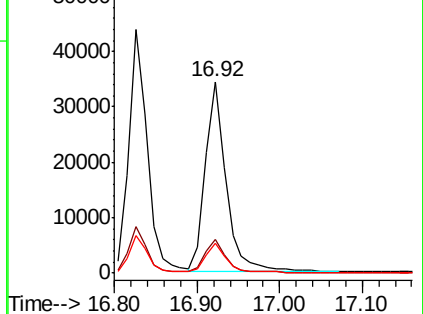
179 15.3 12.4 18.6

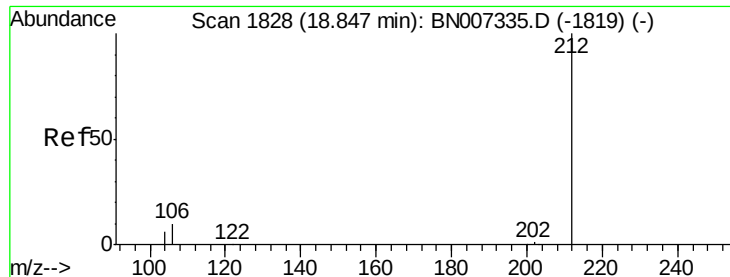


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 18.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

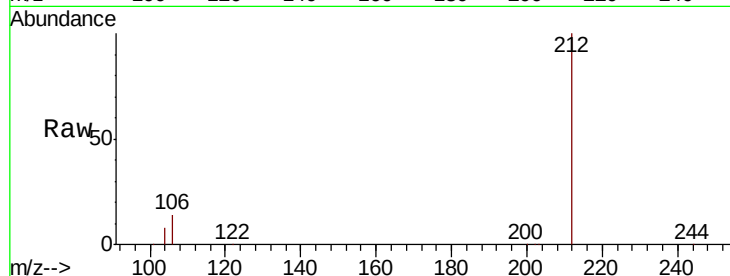
Tot Ion:212 Resp: 62985

Ion Ratio Lower Upper

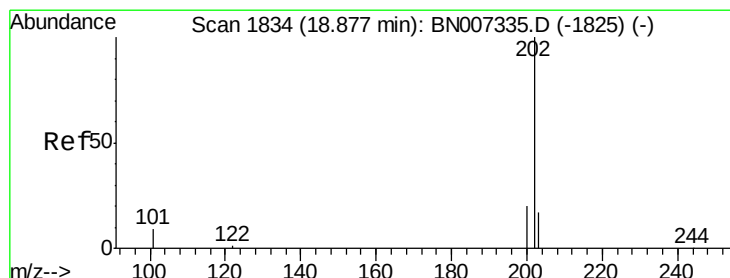
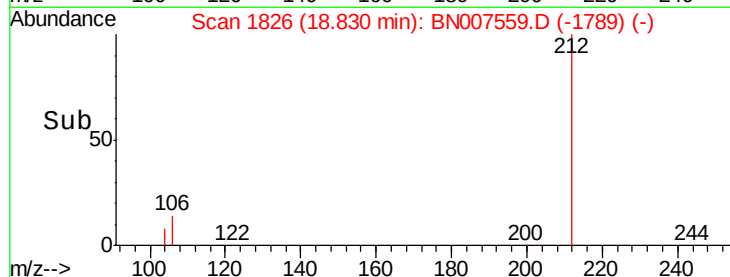
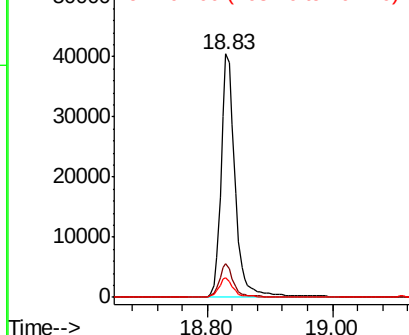
212 100

106 13.6 9.0 13.4#

104 7.7 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: 0.361 ng

RT: 18.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

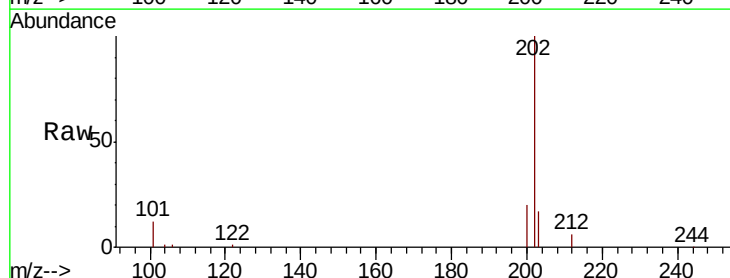
Tgt Ion:202 Resp: 77418

Ion Ratio Lower Upper

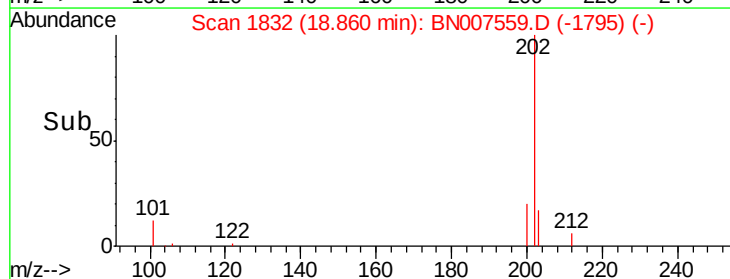
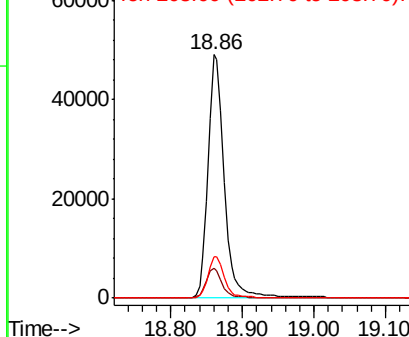
202 100

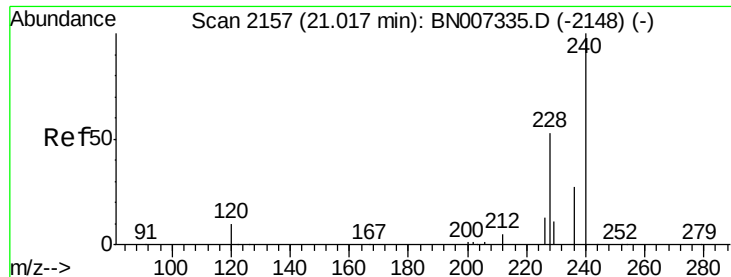
101 12.2 7.7 11.5#

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

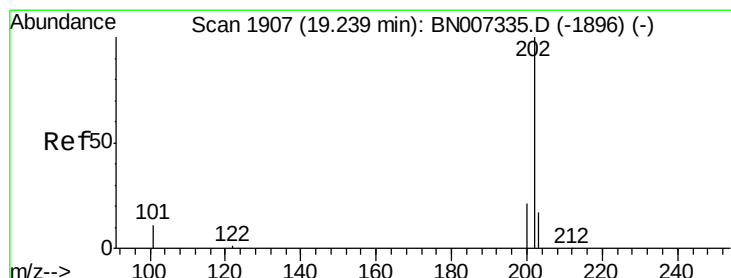
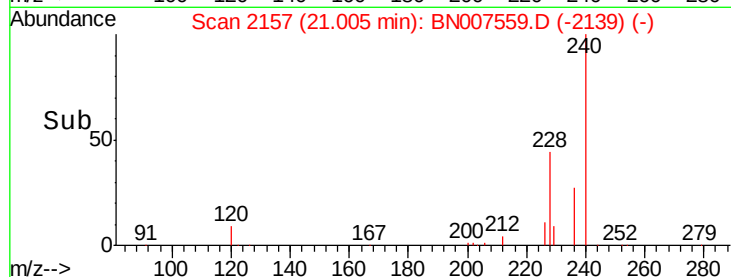
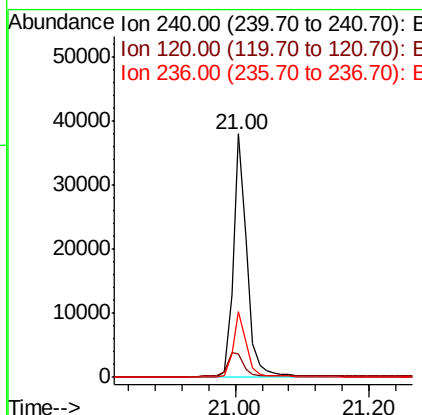
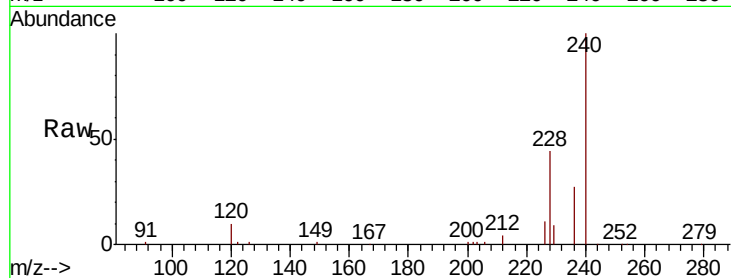




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

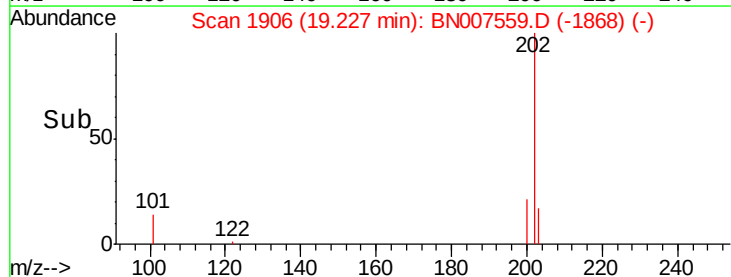
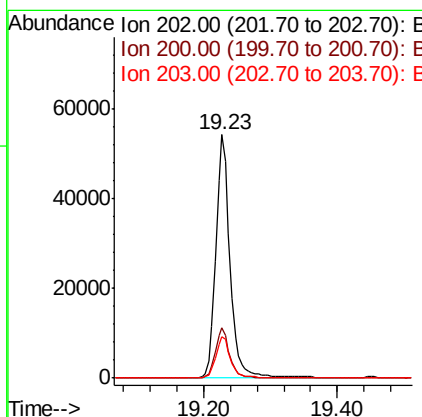
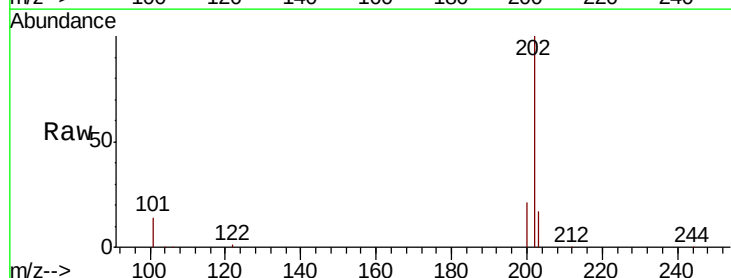
Instrument :
BNA_N
ClientSampled :

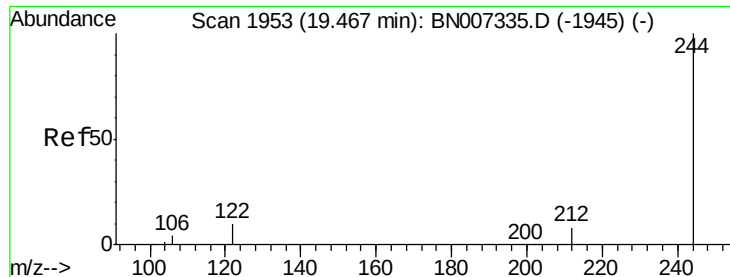
Tot Ion:240 Resp: 53257
Ion Ratio Lower Upper
240 100
120 9.8 9.6 14.4
236 26.8 22.2 33.2



#28
Pyrene
Concen: 0.370 ng
RT: 19.23 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

Tgt Ion:202 Resp: 79326
Ion Ratio Lower Upper
202 100
200 20.2 16.6 25.0
203 17.6 14.2 21.4





#29

Terphenyl-d14

Concen: 0.360 ng

RT: 19.45 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

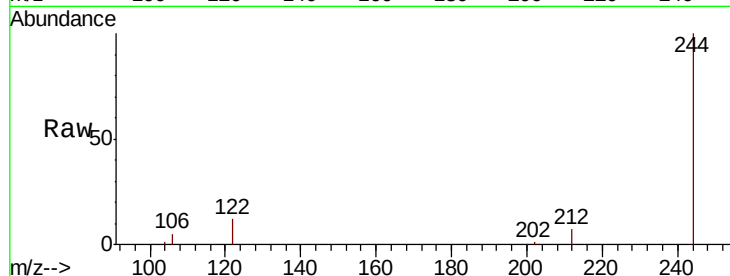
Tot Ion:244 Resp: 50239

Ion Ratio Lower Upper

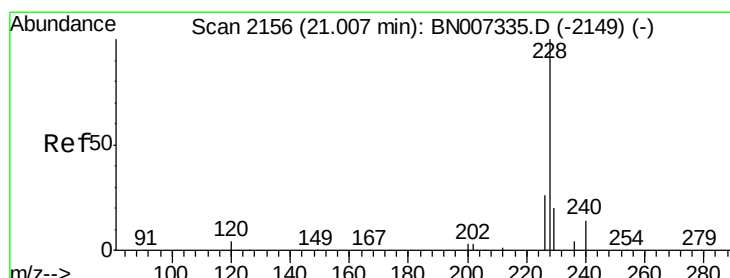
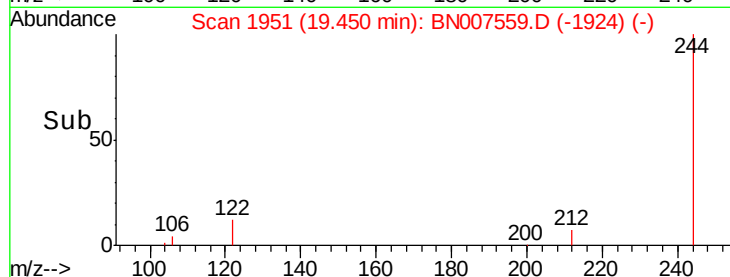
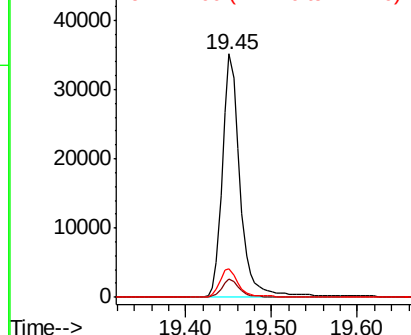
244 100

212 7.4 7.0 10.6

122 12.0 9.6 14.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.342 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

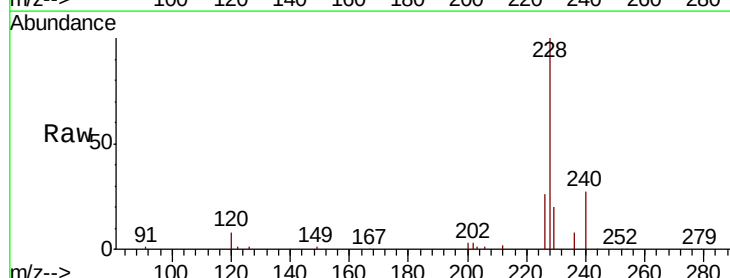
Tgt Ion:228 Resp: 71543

Ion Ratio Lower Upper

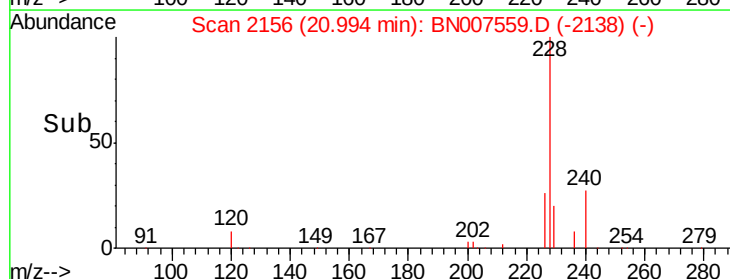
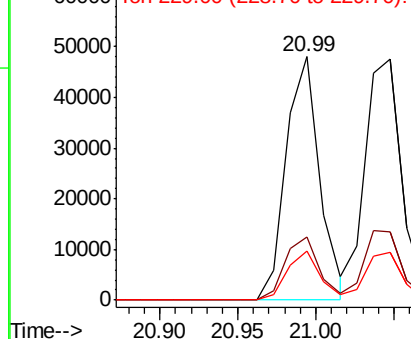
228 100

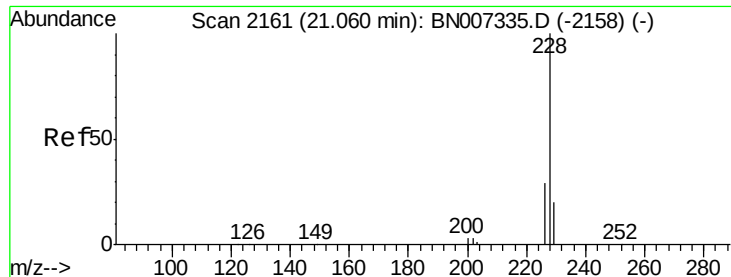
226 25.7 21.3 31.9

229 20.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

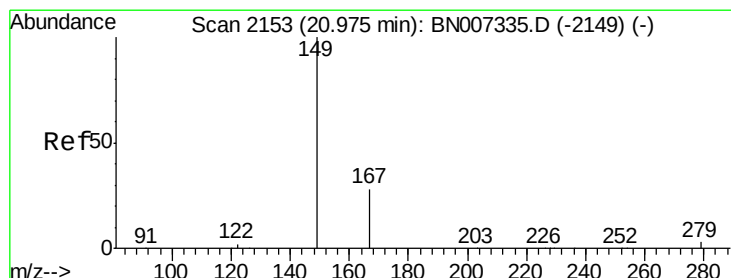
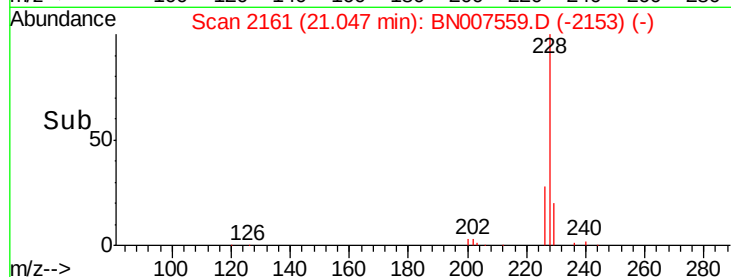
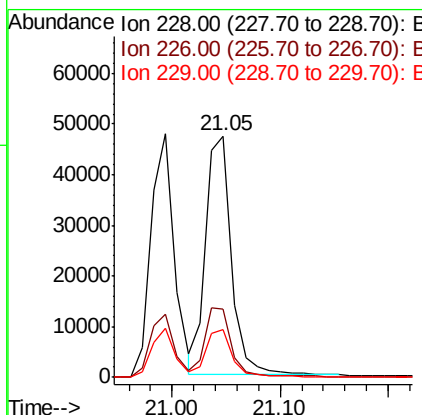
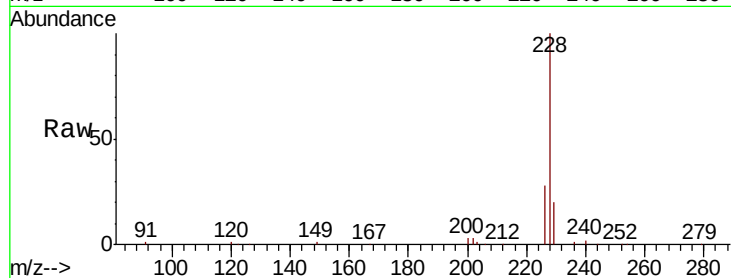




#31
Chrysene
Concen: 0.388 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

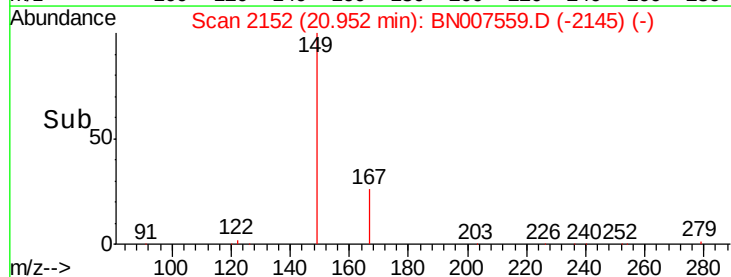
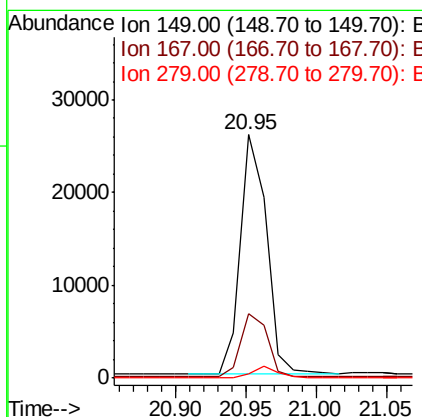
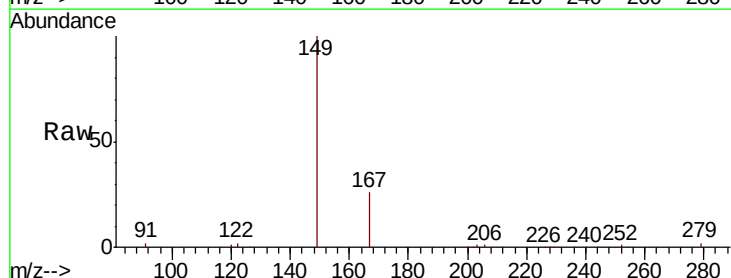
Instrument :
BNA_N
ClientSampleId :

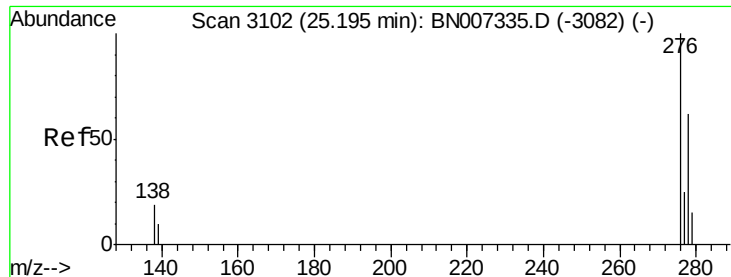
Tot Ion:228 Resp: 78425
Ion Ratio Lower Upper
228 100
226 28.3 23.5 35.3
229 19.8 16.6 24.8



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.230 ng
RT: 20.95 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BN007559.D
Acq: 08 Sep 2019 20:24

Tgt Ion:149 Resp: 33692
Ion Ratio Lower Upper
149 100
167 27.4 22.8 34.2
279 4.1 3.5 5.3





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.361 ng

RT: 25.16 min Scan# 3093

Delta R.T. -0.04 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

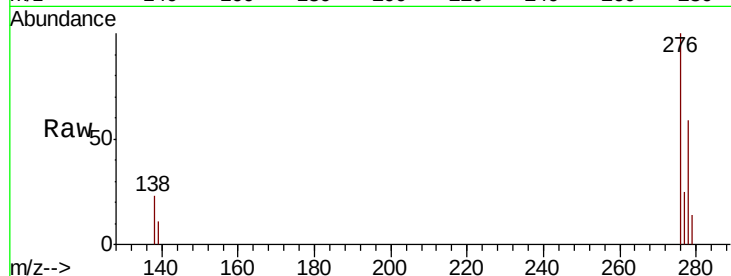
Tot Ion:276 Resp: 87902

Ion Ratio Lower Upper

276 100

138 24.6 15.1 22.7#

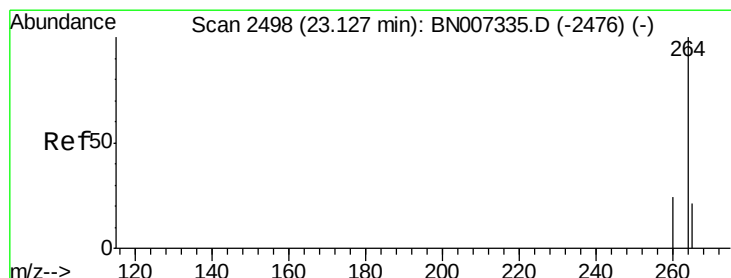
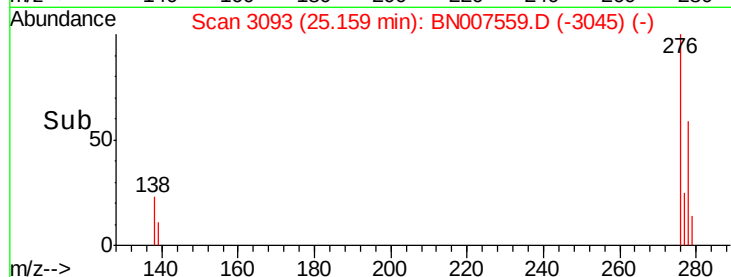
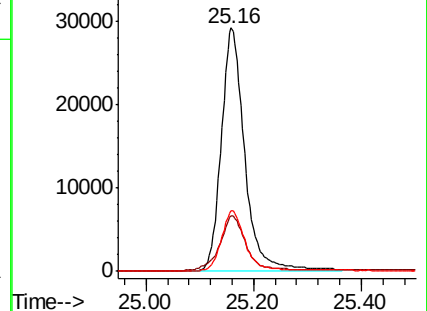
277 24.6 19.7 29.5



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: 23.10 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

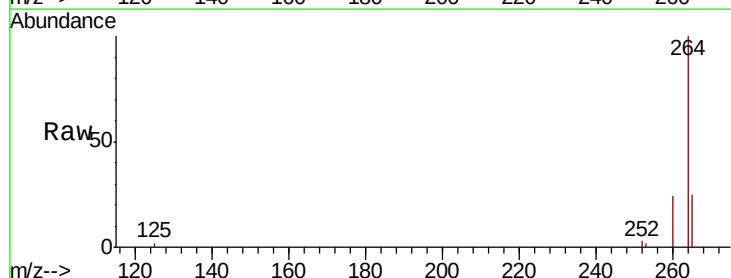
Tgt Ion:264 Resp: 56000

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

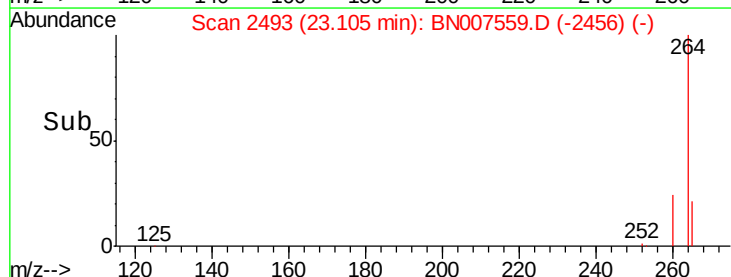
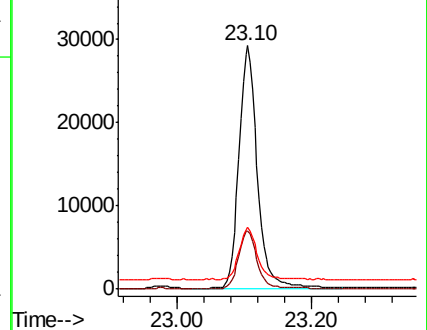
265 25.2 29.9 44.9#

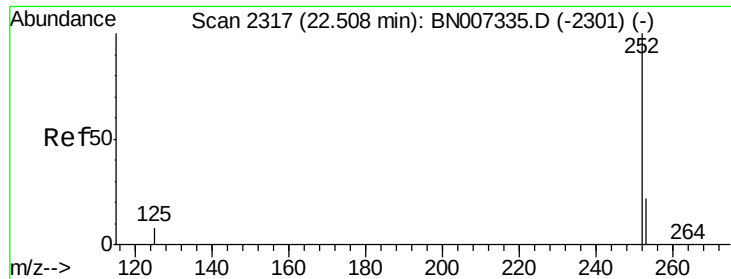


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.374 ng

RT: 22.49 min Scan# 2313

Delta R.T. -0.02 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

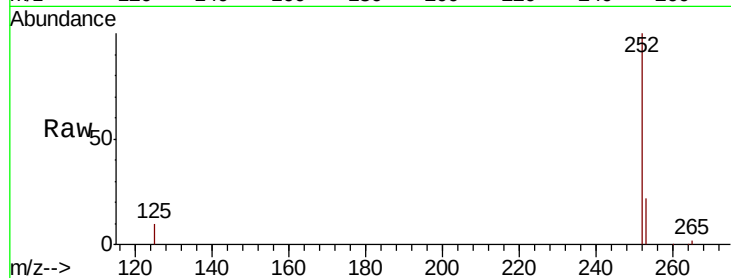
Tot Ion:252 Resp: 75848

Ion Ratio Lower Upper

252 100

253 21.9 19.2 28.8

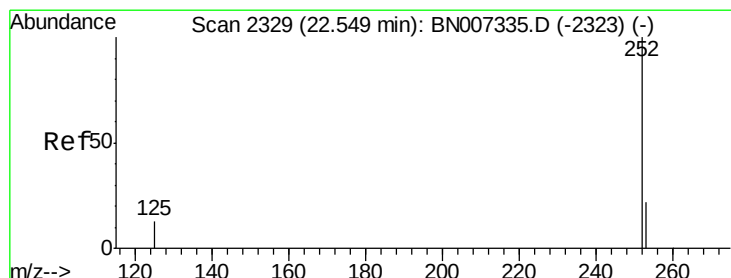
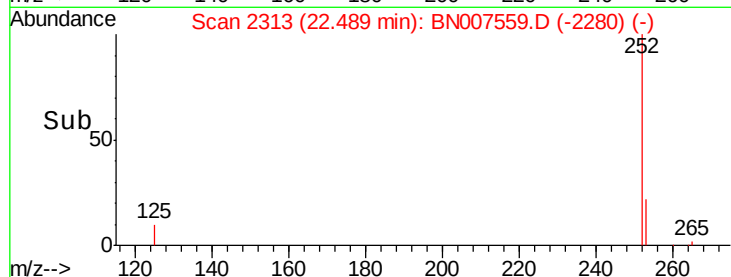
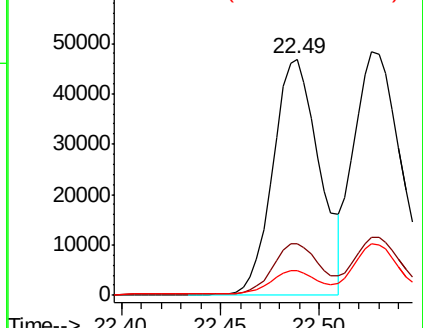
125 10.2 10.6 16.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.426 ng

RT: 22.53 min Scan# 2324

Delta R.T. -0.02 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

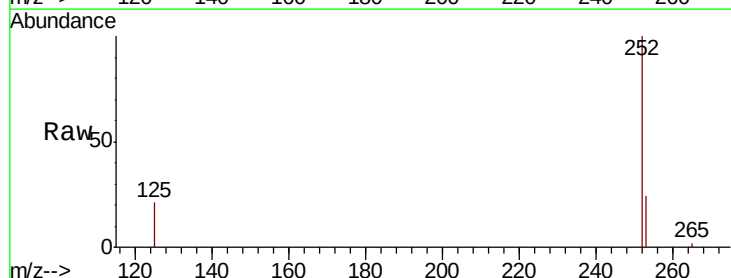
Tgt Ion:252 Resp: 85423

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

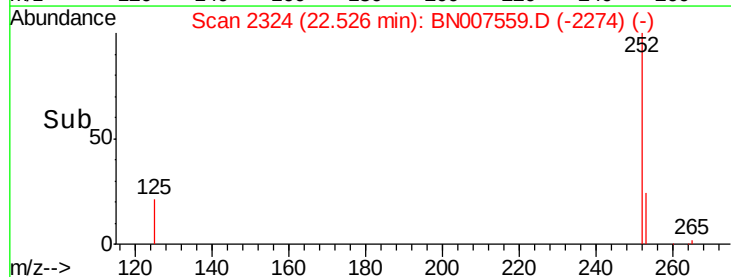
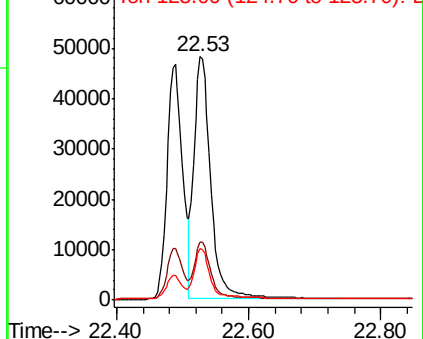
125 21.2 13.1 19.7#

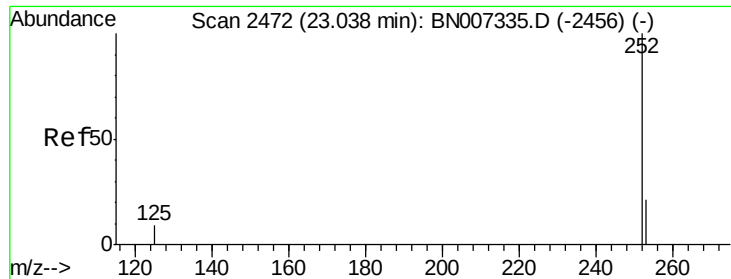


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.367 ng

RT: 23.01 min Scan# 2466

Delta R.T. -0.03 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

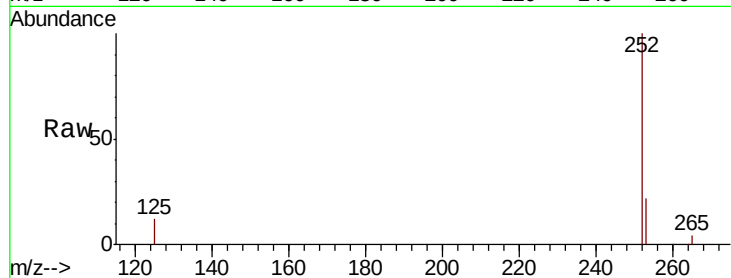
Tot Ion:252 Resp: 70899

Ion Ratio Lower Upper

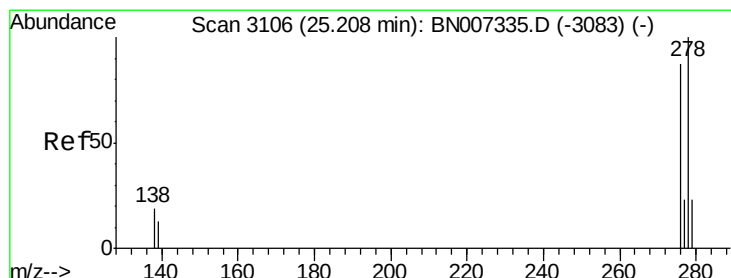
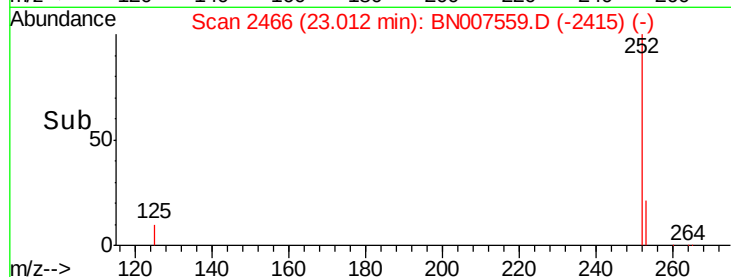
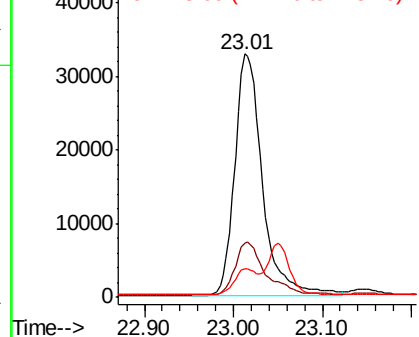
252 100

253 22.4 19.5 29.3

125 11.6 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: 0.364 ng

RT: 25.17 min Scan# 3097

Delta R.T. -0.04 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

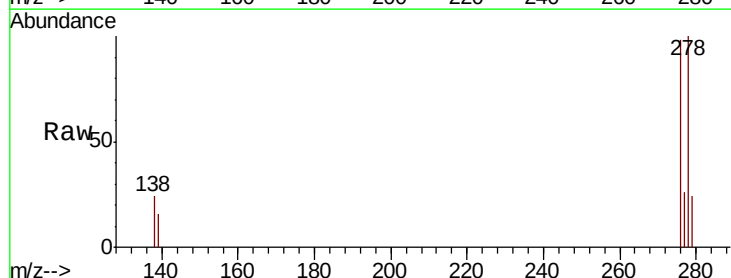
Tgt Ion:278 Resp: 70061

Ion Ratio Lower Upper

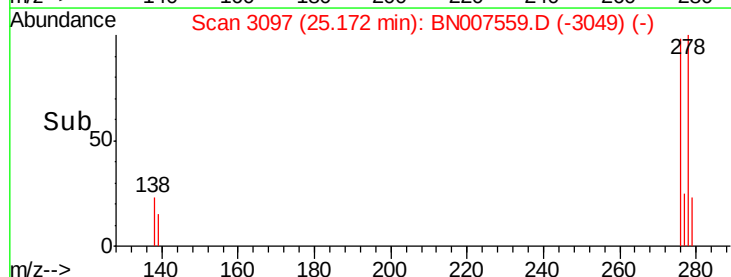
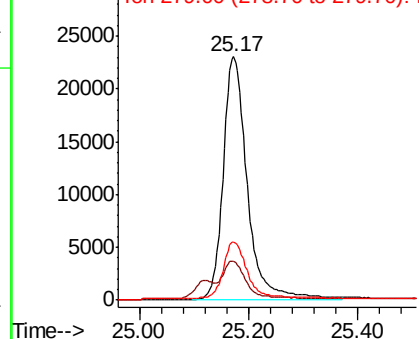
278 100

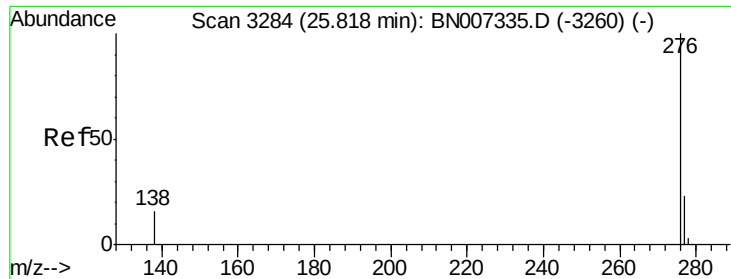
139 15.9 13.7 20.5

279 23.9 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: 0.365 ng

RT: 25.78 min Scan# 3274

Delta R.T. -0.04 min

Lab File: BN007559.D

Acq: 08 Sep 2019 20:24

Instrument :

BNA_N

ClientSampleId :

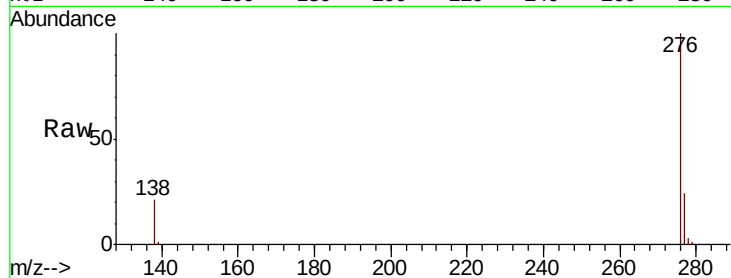
Tot Ion:276 Resp: 70157

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 20.9 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

