

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
 Data File : BN004148.D
 Acq On : 20 Dec 2018 13:52
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 16:28:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN122018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 16:25:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1778	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	9353	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	5814	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	14823	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15474	0.40	ng	-0.01
34) Perylene-d12	23.73	264	14894	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	658	0.15	ng	0.00
5) Phenol-d6	7.01	99	792	0.14	ng	0.00
8) Nitrobenzene-d5	9.01	82	598	0.15	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1610	0.11	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	366	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2666	0.11	ng	0.01
25) Fluoranthene-d10	19.25	212	4458	0.10	ng	0.00
29) Terphenyl-d14	19.84	244	4195	0.12	ng	0.00

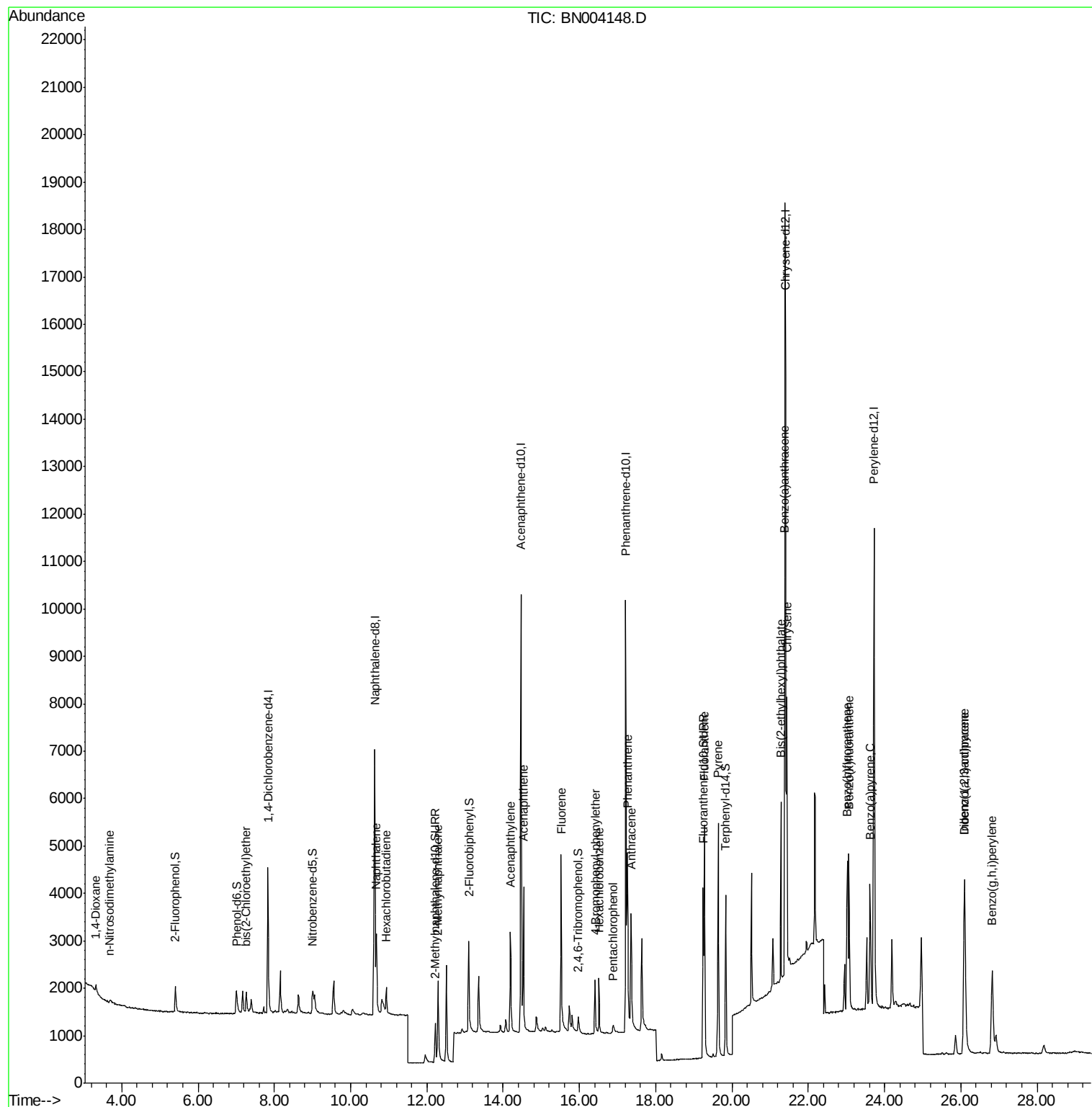
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	211	0.092	ng	# 81
3) n-Nitrosodimethylamine	3.68	42	34	0.032	ng	# 1
6) bis(2-Chloroethyl)ether	7.27	93	532	0.107	ng	94
9) Naphthalene	10.67	128	2439	0.107	ng	# 89
10) Hexachlorobutadiene	10.93	225	417	0.100	ng	# 99
12) 2-Methylnaphthalene	12.29	142	1687	0.105	ng	97
16) Acenaphthylene	14.19	152	2712	0.105	ng	100
17) Acenaphthene	14.53	154	1832	0.102	ng	96
18) Fluorene	15.53	166	2293	0.102	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	807	0.094	ng	# 91
21) Hexachlorobenzene	16.52	284	967	0.107	ng	94
22) Pentachlorophenol	16.89	266	135	0.055	ng	# 79
23) Phenanthrene	17.26	178	4020	0.099	ng	99
24) Anthracene	17.35	178	3545	0.102	ng	100
26) Fluoranthene	19.27	202	4781	0.102	ng	98
28) Pyrene	19.64	202	5007	0.117	ng	99
30) Benzo(a)anthracene	21.39	228	4602	0.113	ng	96
31) Chrysene	21.44	228	4557	0.104	ng	97
32) Bis(2-ethylhexyl)phthalate	21.28	149	3120	0.260	ng	99
33) Indeno(1,2,3-cd)pyrene	26.09	276	5067	0.112	ng	100
35) Benzo(b)fluoranthene	23.02	252	4403	0.095	ng	# 87
36) Benzo(k)fluoranthene	23.07	252	4737	0.103	ng	# 83
37) Benzo(a)pyrene	23.62	252	4152	0.098	ng	# 88
38) Dibenzo(a,h)anthracene	26.10	278	4133	0.105	ng	# 82
39) Benzo(g,h,i)perylene	26.83	276	4220	0.107	ng	# 88

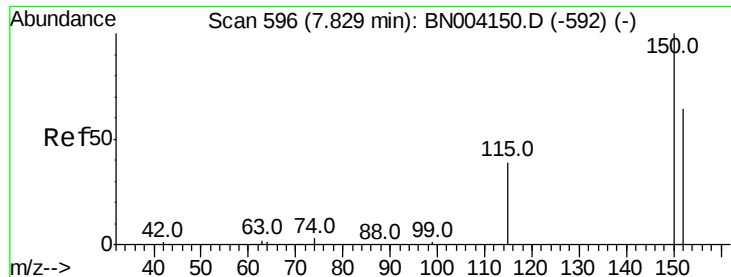
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 596

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :

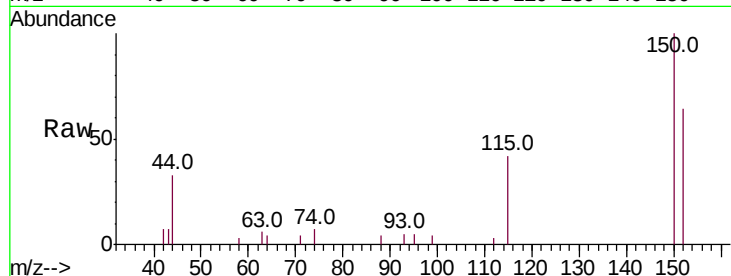
Tot Ion:152 Resp: 1778

Ion Ratio Lower Upper

152 100

150 156.2 124.6 187.0

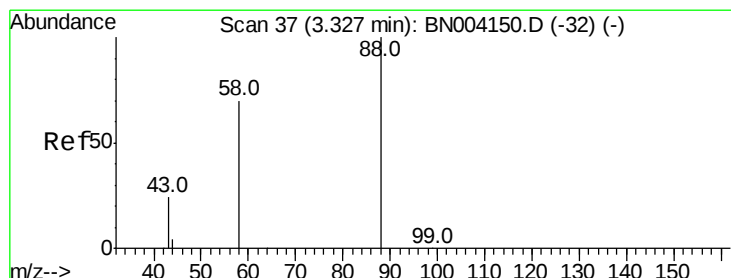
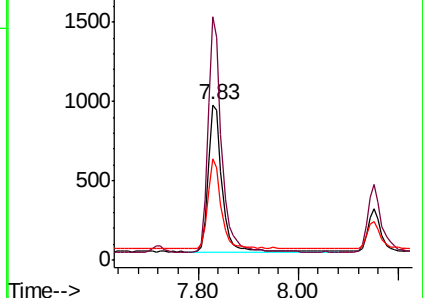
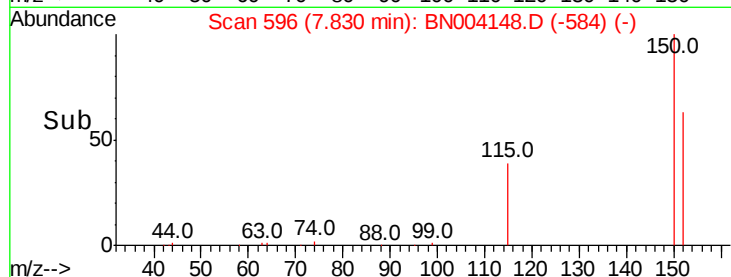
115 65.2 46.4 69.6



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: 0.092 ng

RT: 3.33 min Scan# 37

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

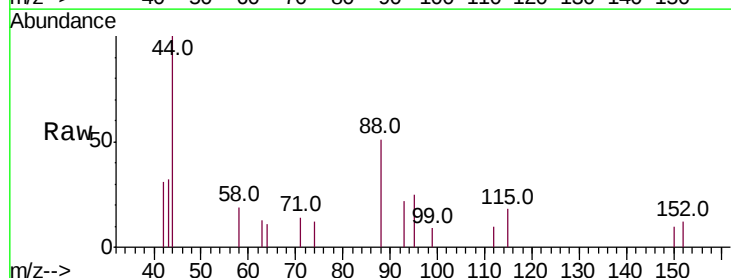
Tgt Ion: 88 Resp: 211

Ion Ratio Lower Upper

88 100

58 59.7 60.9 91.3#

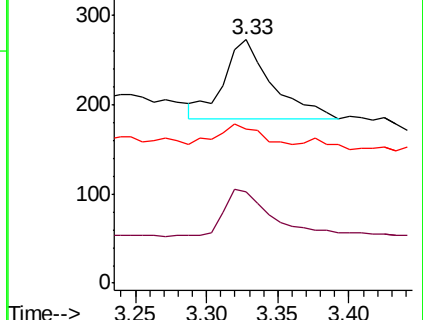
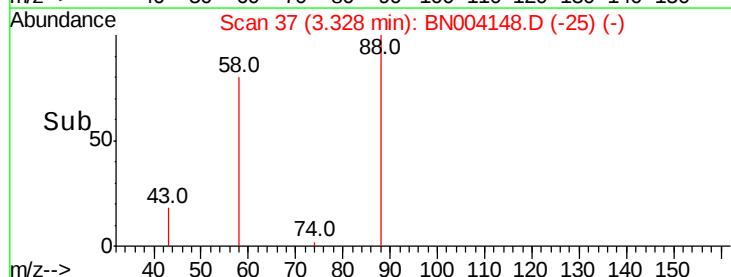
43 19.4 23.9 35.9#

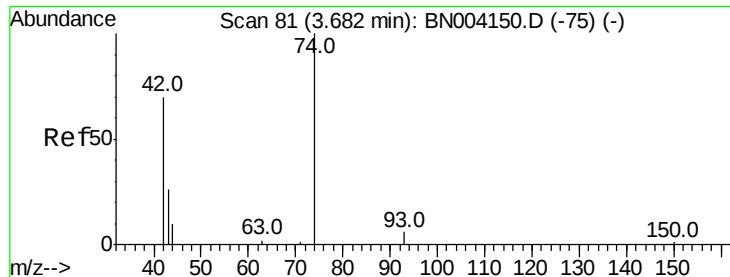


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.68 min Scan# 81

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :

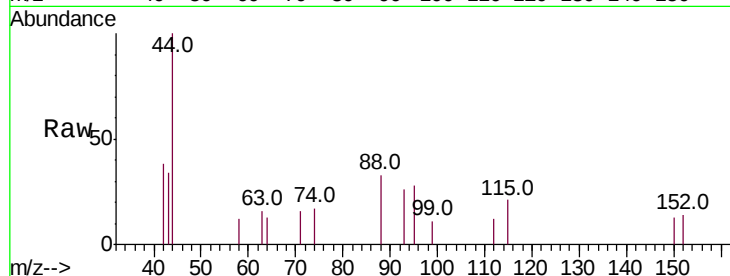
Tot Ion: 42 Resp: 34

Ion Ratio Lower Upper

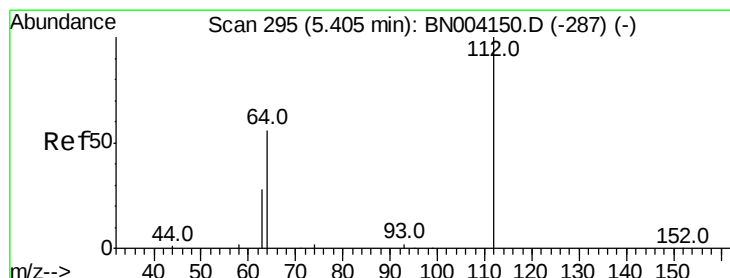
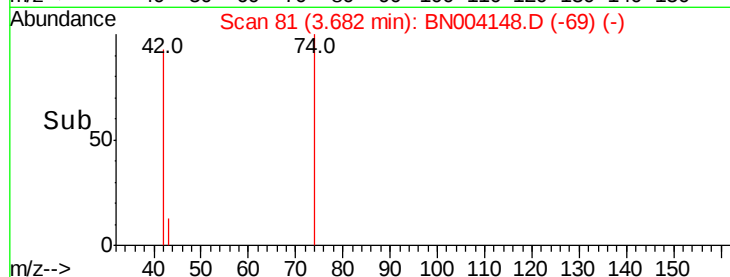
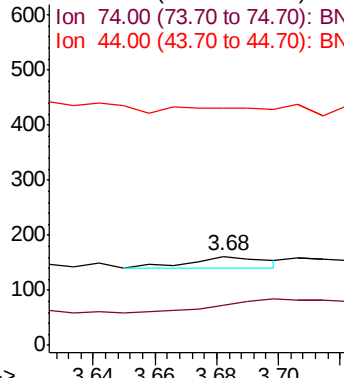
42 100

74 270.6 99.1 148.7#

44 0.0 4.2 6.4#



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: 0.149 ng

RT: 5.41 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

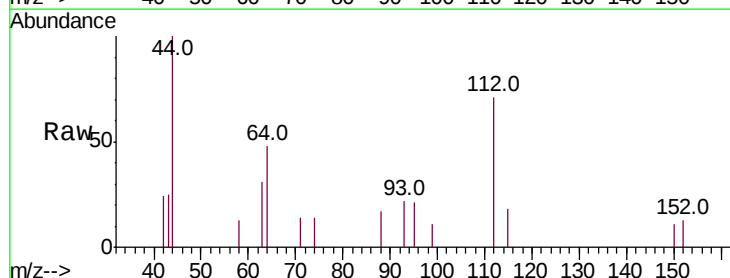
Tgt Ion: 112 Resp: 658

Ion Ratio Lower Upper

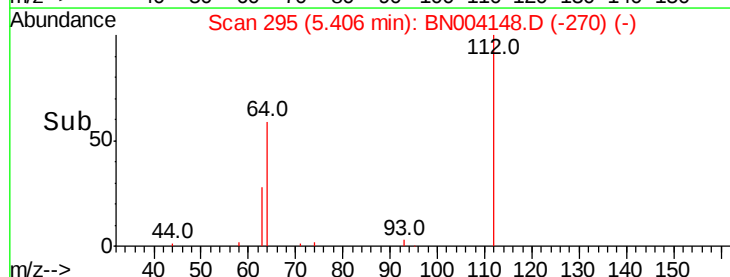
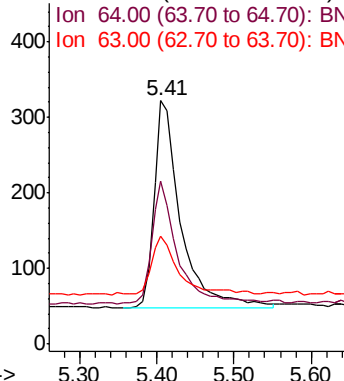
112 100

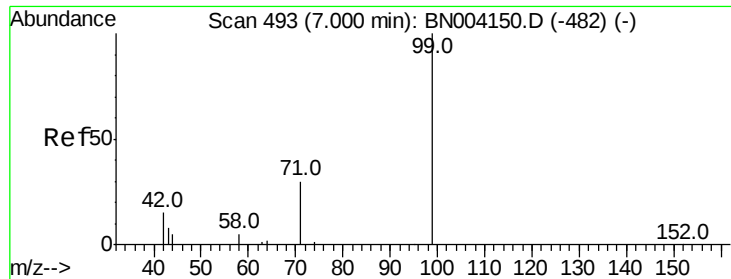
64 56.7 44.3 66.5

63 26.0 22.4 33.6



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





#5

Phenol-d6

Concen: 0.142 ng

RT: 7.01 min Scan# 494

Delta R.T. 0.01 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :

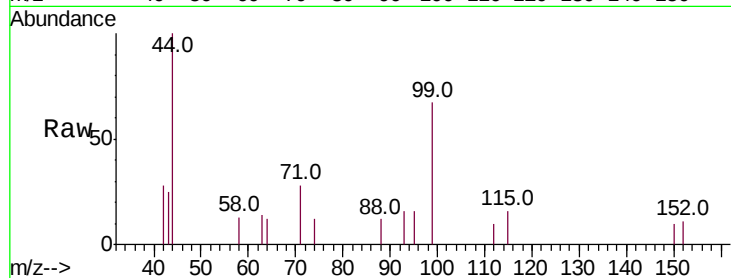
Tot Ion: 99 Resp: 792

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

71 29.8 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

7.01

400

300

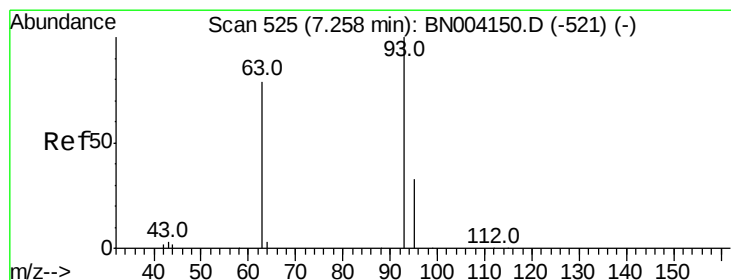
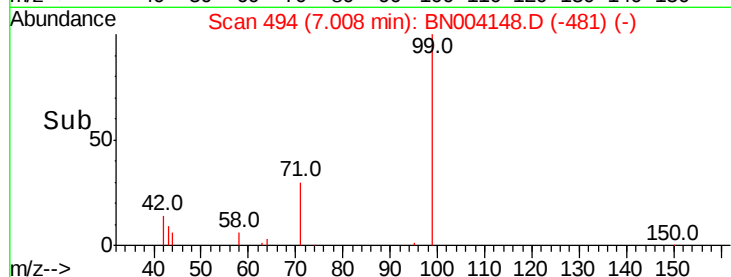
200

100

0

6.90 7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.107 ng

RT: 7.27 min Scan# 526

Delta R.T. 0.01 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

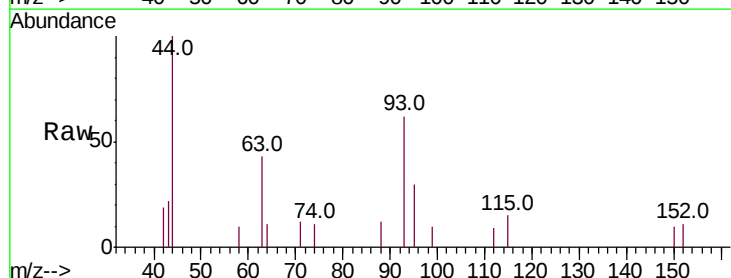
Tgt Ion: 93 Resp: 532

Ion Ratio Lower Upper

93 100

63 63.9 55.8 83.6

95 33.5 25.4 38.2



Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

600

500

400

300

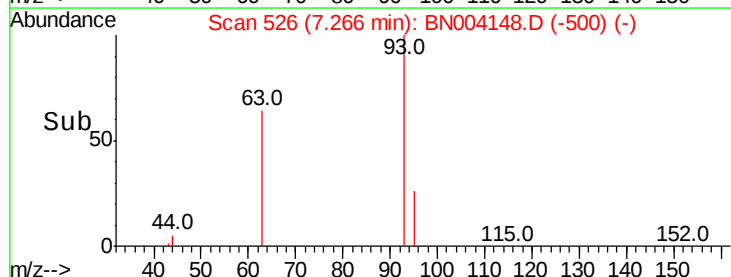
200

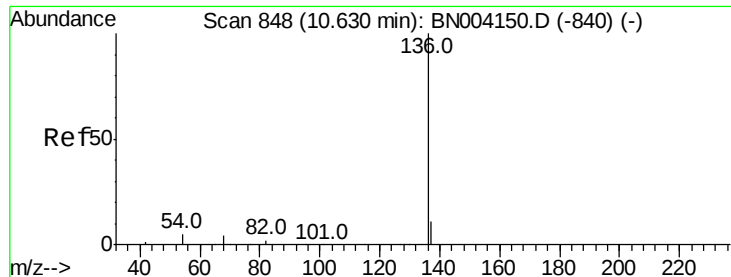
100

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 9353

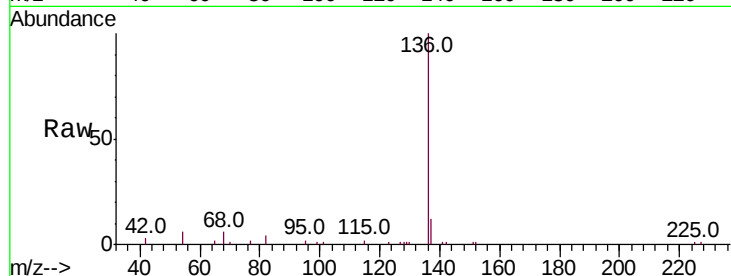
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.4

54 6.4 4.1 6.1#

68 5.7 3.5 5.3#

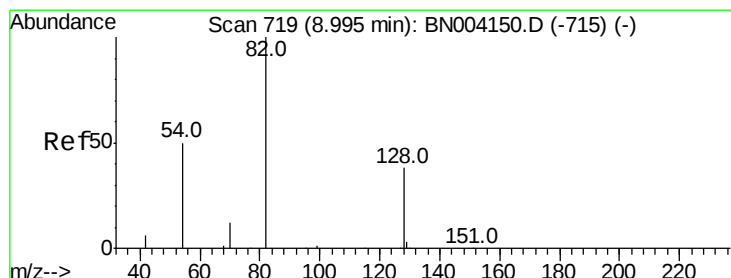
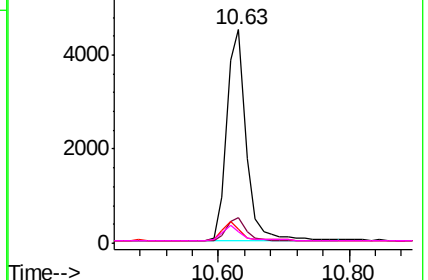
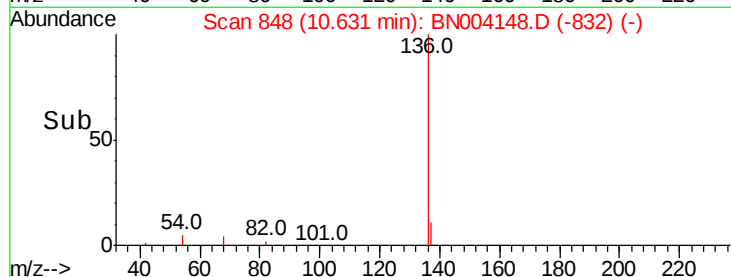


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.146 ng

RT: 9.01 min Scan# 720

Delta R.T. 0.01 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

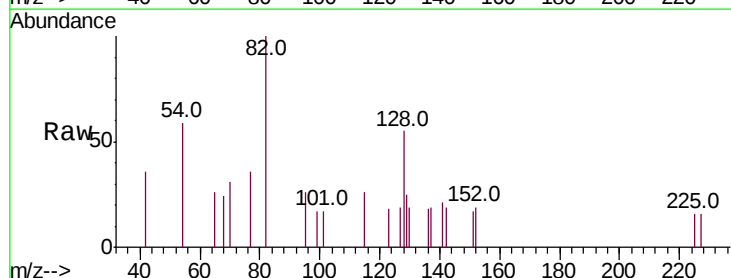
Tgt Ion: 82 Resp: 598

Ion Ratio Lower Upper

82 100

128 54.5 28.9 43.3#

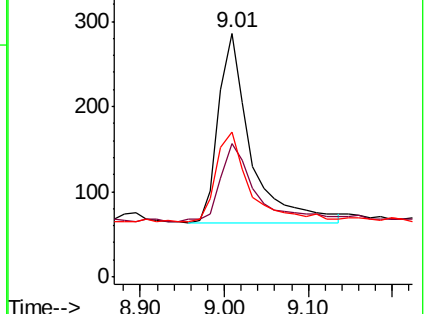
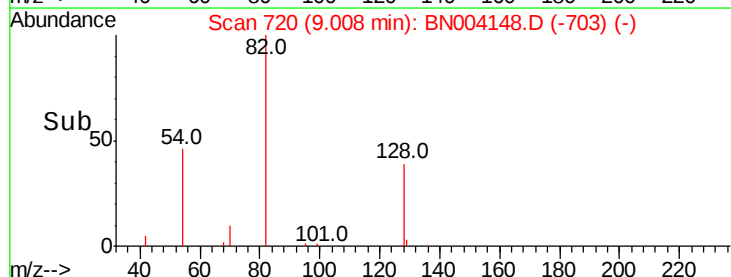
54 59.4 46.1 69.1

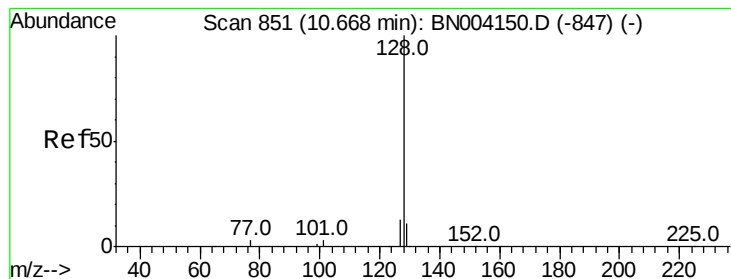


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.107 ng

RT: 10.67 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :

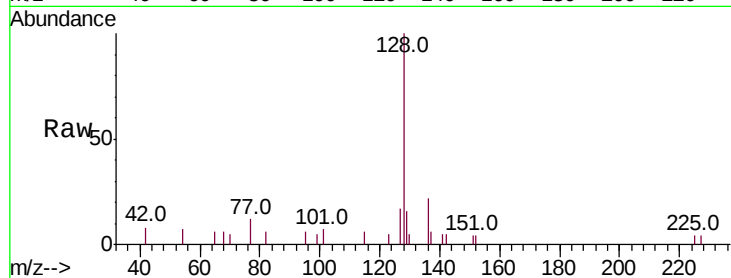
Tot Ion:128 Resp: 2439

Ion Ratio Lower Upper

128 100

129 15.7 9.1 13.7#

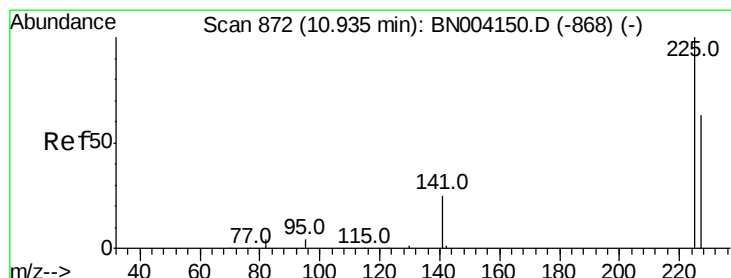
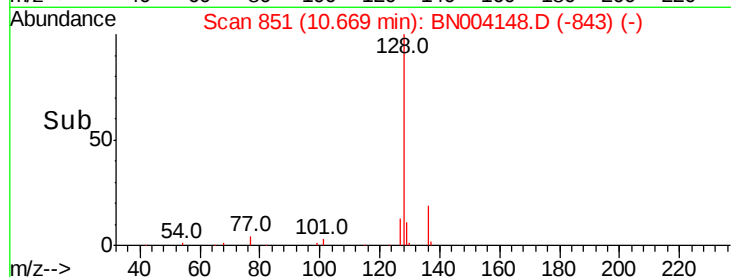
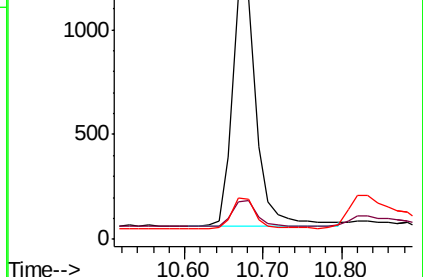
127 17.0 10.2 15.4#



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: 0.100 ng

RT: 10.93 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

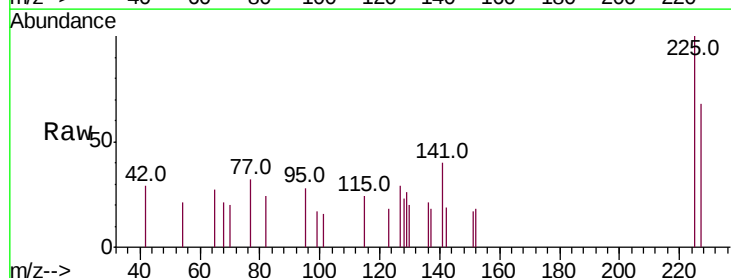
Tgt Ion:225 Resp: 417

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

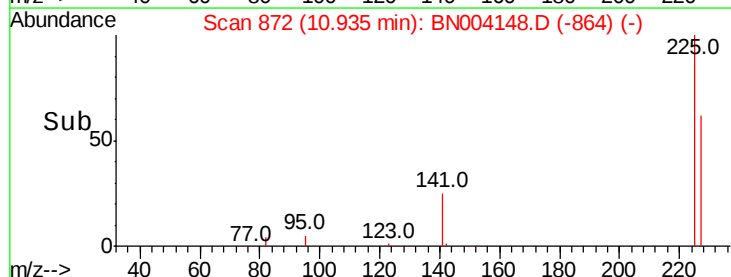
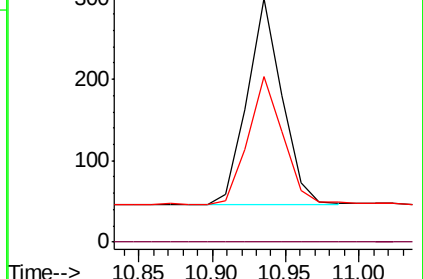
227 63.3 51.3 76.9

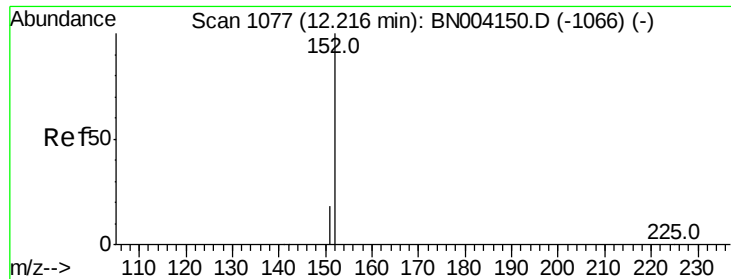


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

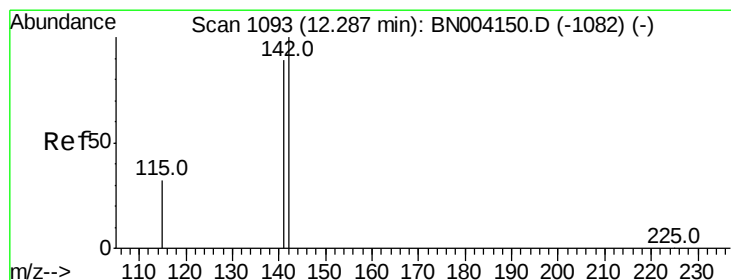
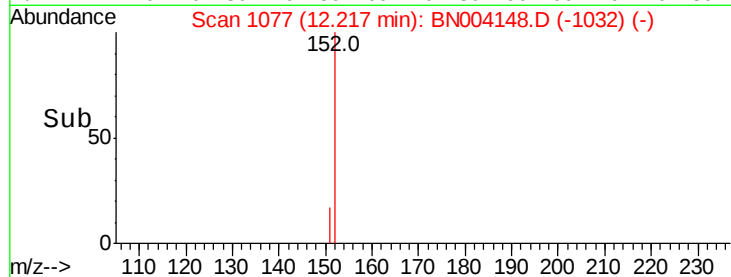
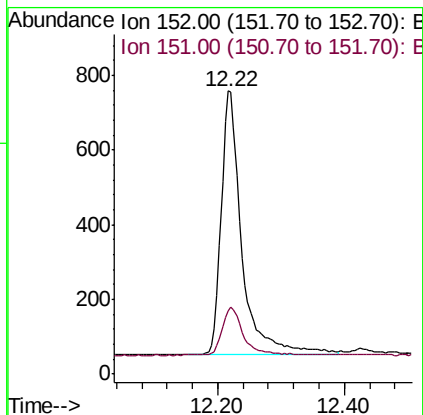
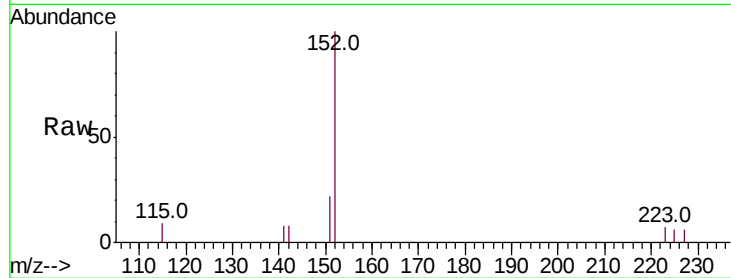




#11
2-Methylnaphthalene-d10
Concen: 0.106 ng
RT: 12.22 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

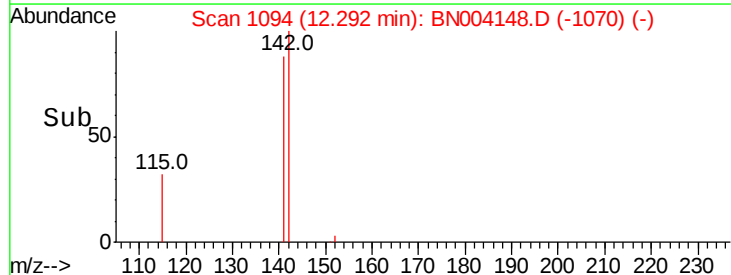
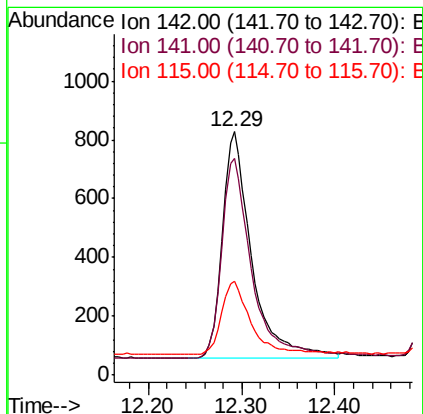
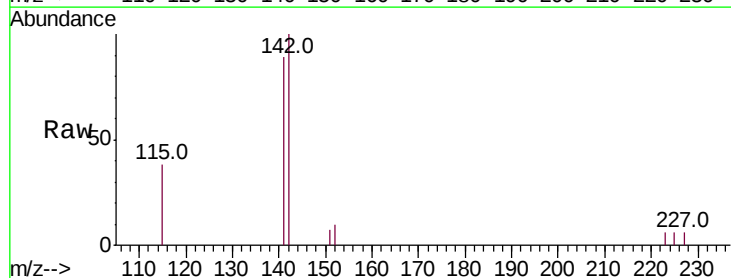
Instrument :
BNA_N
ClientSampleId :

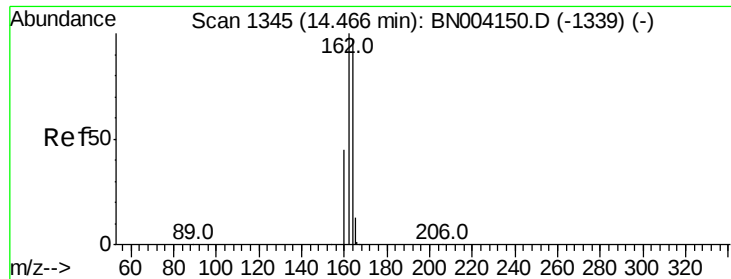
Tot Ion:152 Resp: 1610
Ion Ratio Lower Upper
152 100
151 19.4 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.105 ng
RT: 12.29 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:142 Resp: 1687
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9
115 38.3 27.0 40.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :

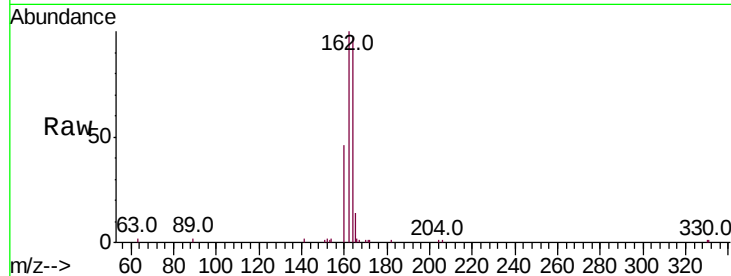
Tot Ion:164 Resp: 5814

Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.6

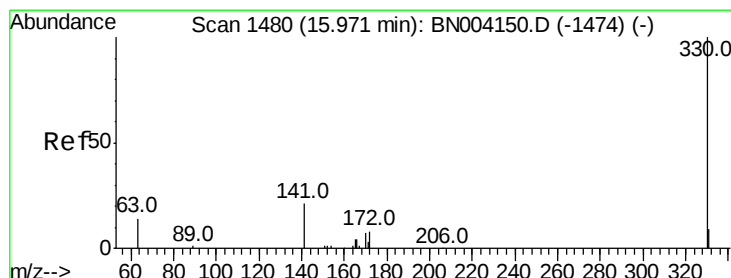
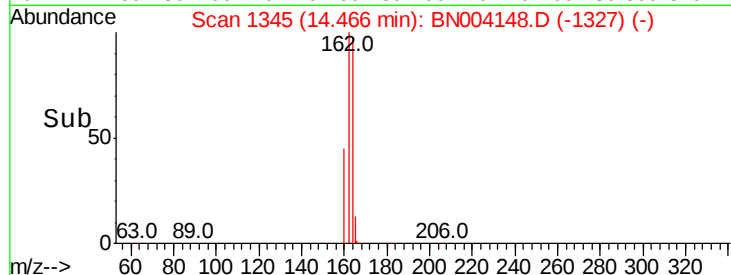
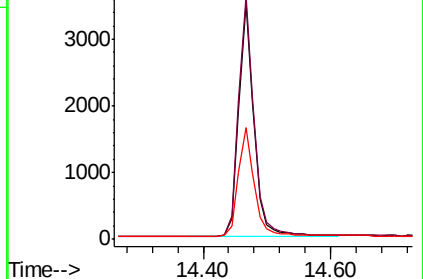
160 47.7 37.2 55.8



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: 0.158 ng

RT: 15.97 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

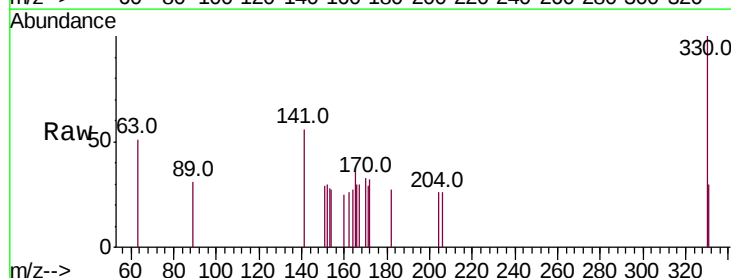
Tgt Ion:330 Resp: 366

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

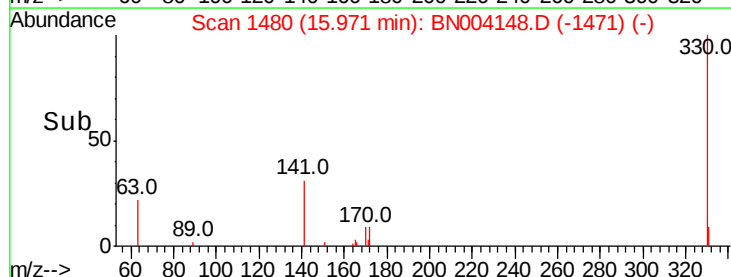
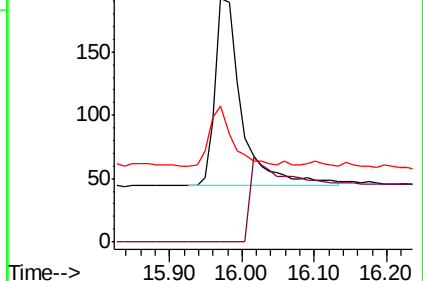
141 27.9 28.3 42.5#

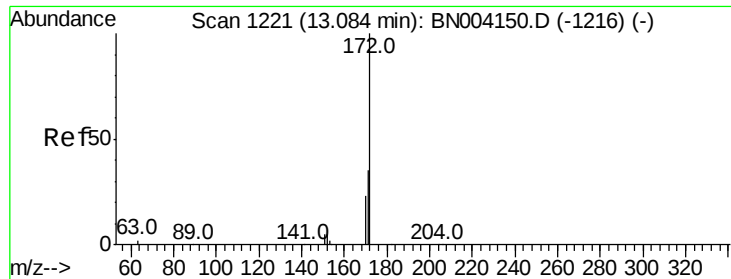


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

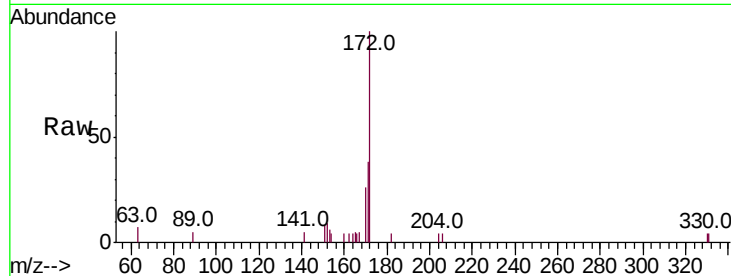




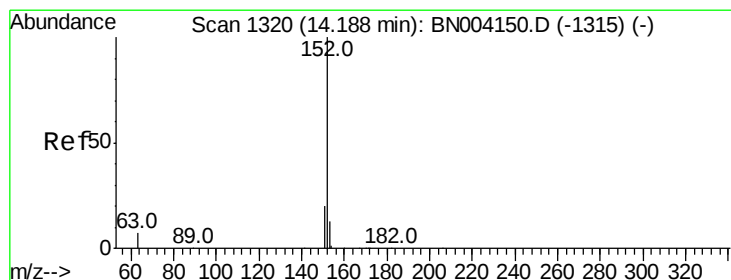
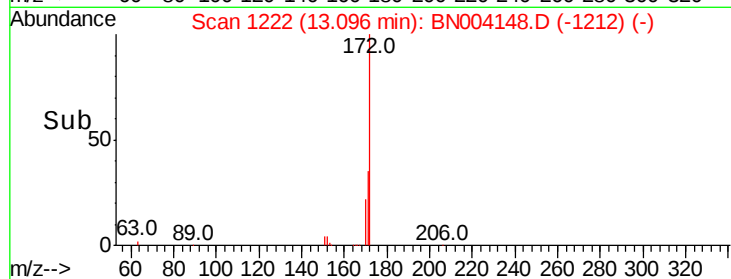
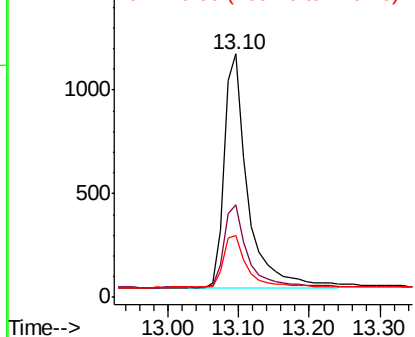
#15
2-Fluorobiphenyl
Concen: 0.107 ng
RT: 13.10 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 2666
Ion Ratio Lower Upper
172 100
171 38.0 27.1 40.7
170 25.5 17.4 26.0

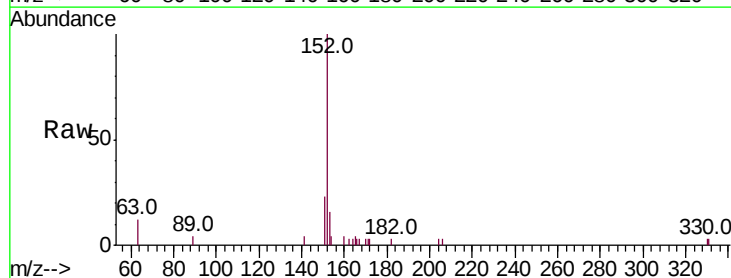


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

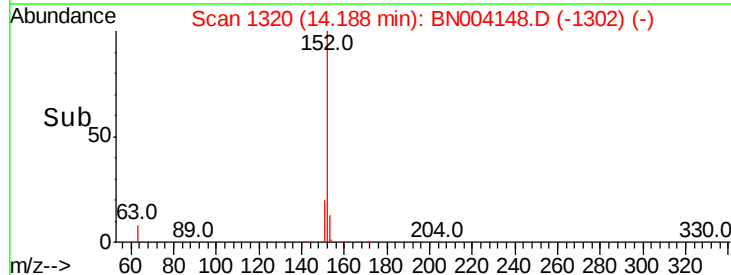
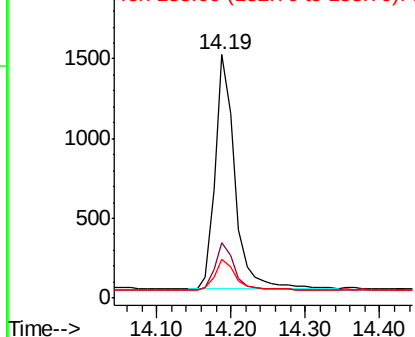


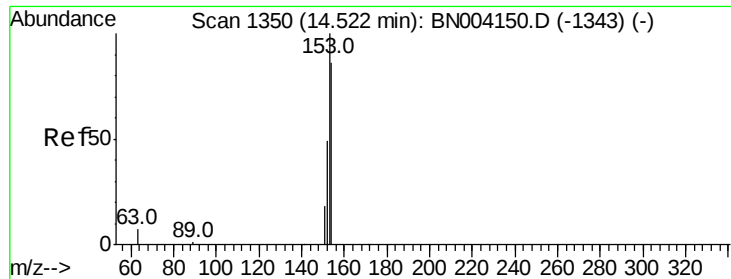
#16
Acenaphthylene
Concen: 0.105 ng
RT: 14.19 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:152 Resp: 2712
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.4 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: 0.102 ng

RT: 14.53 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :

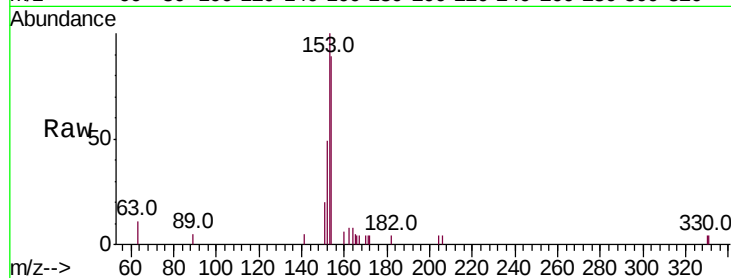
Tot Ion:154 Resp: 1832

Ion Ratio Lower Upper

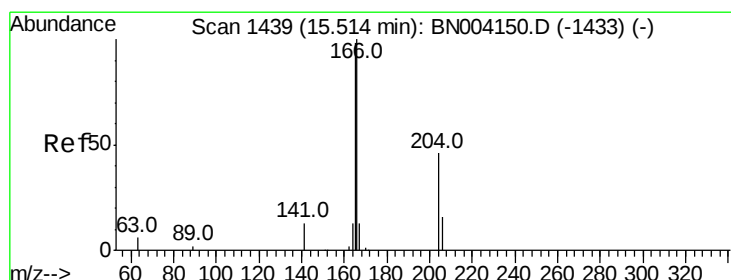
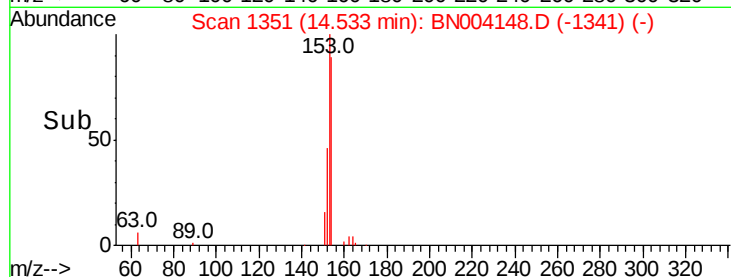
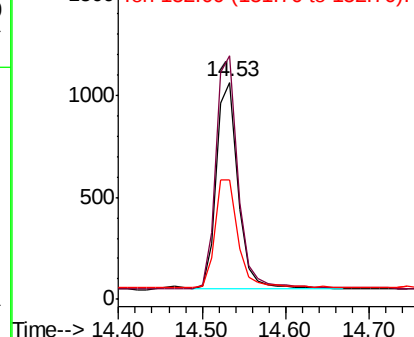
154 100

153 116.2 88.9 133.3

152 55.1 43.5 65.3



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: 0.102 ng

RT: 15.53 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

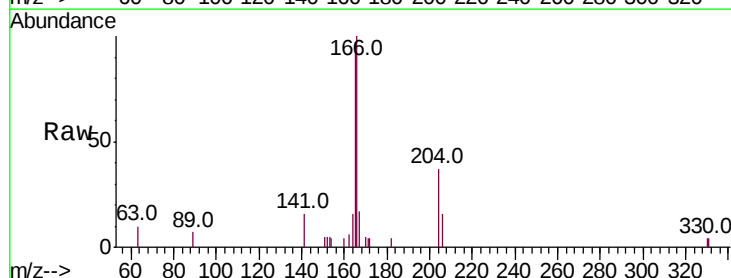
Tgt Ion:166 Resp: 2293

Ion Ratio Lower Upper

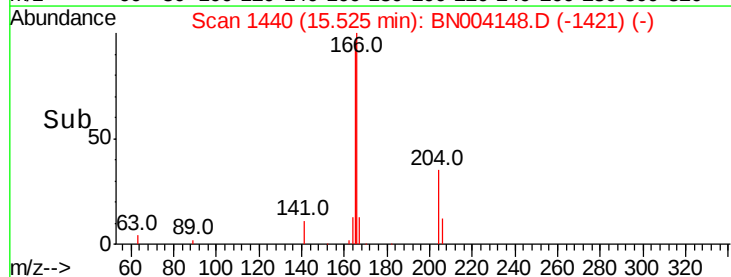
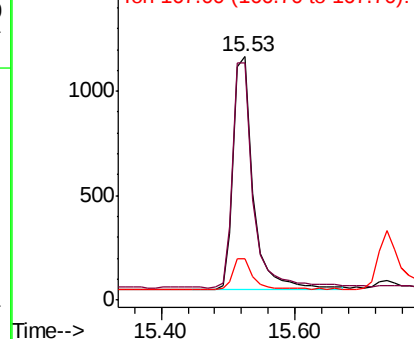
166 100

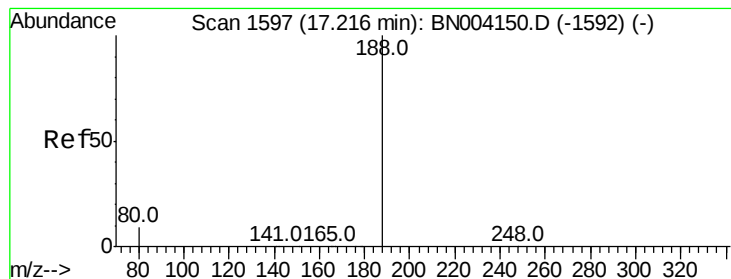
165 98.3 77.8 116.8

167 13.3 10.9 16.3



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: 17.22 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampled :

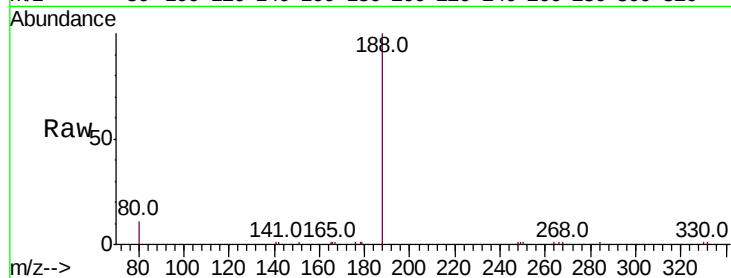
Tot Ion:188 Resp: 14823

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

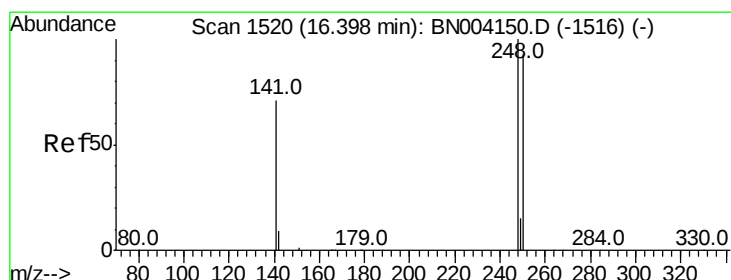
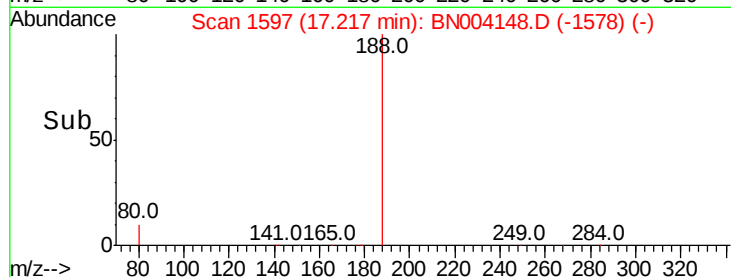
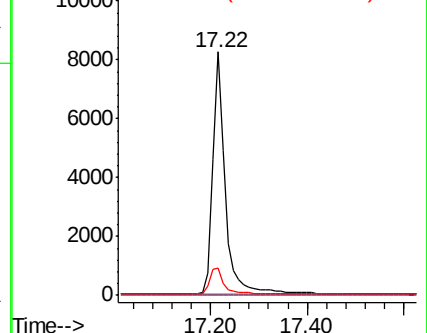
80 11.1 8.6 12.8



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: 0.094 ng

RT: 16.41 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

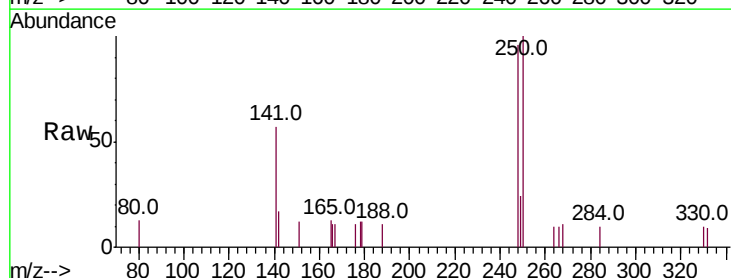
Tgt Ion:248 Resp: 807

Ion Ratio Lower Upper

248 100

250 103.9 83.7 125.5

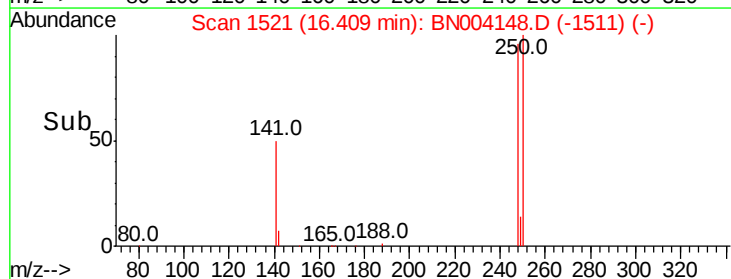
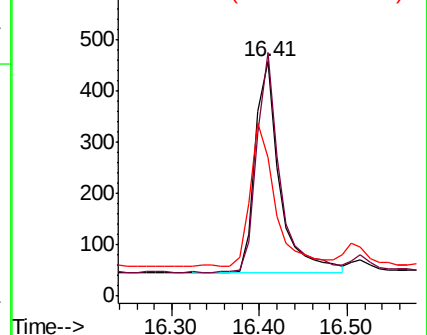
141 59.3 31.4 47.0#

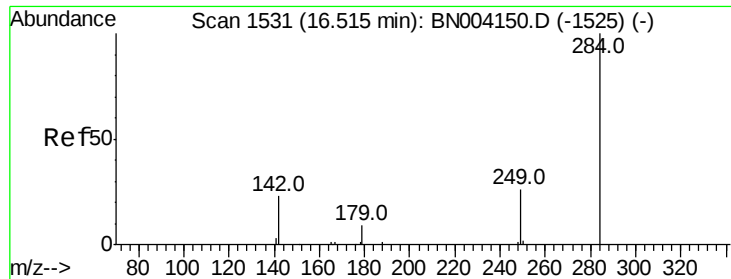


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

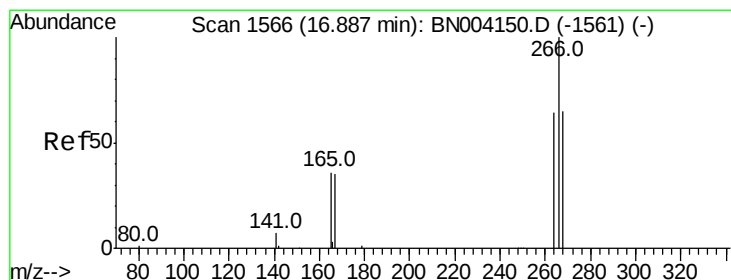
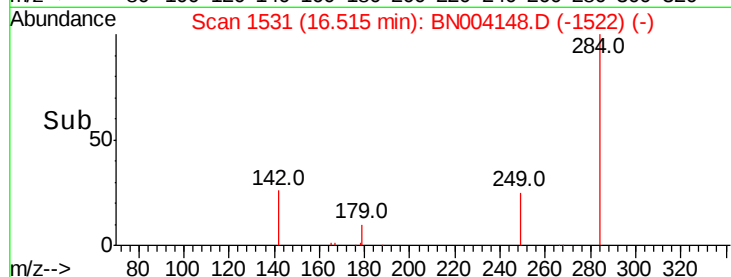
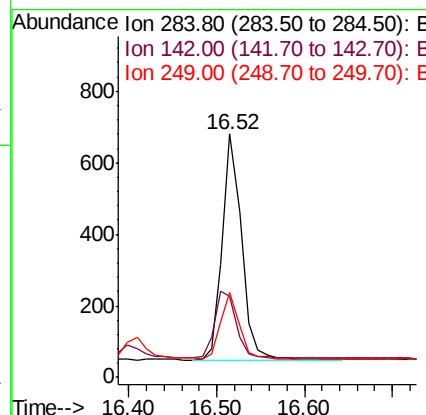
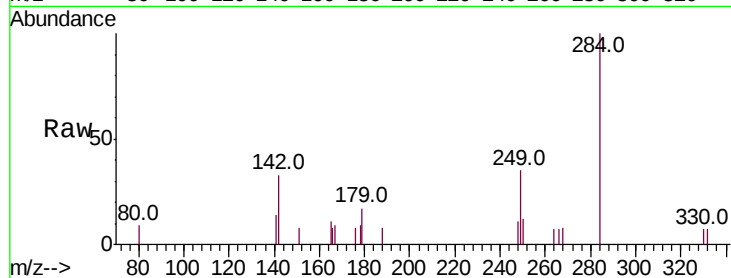




#21
Hexachlorobenzene
Concen: 0.107 ng
RT: 16.52 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

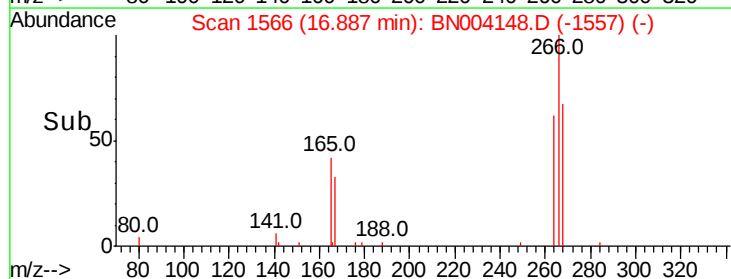
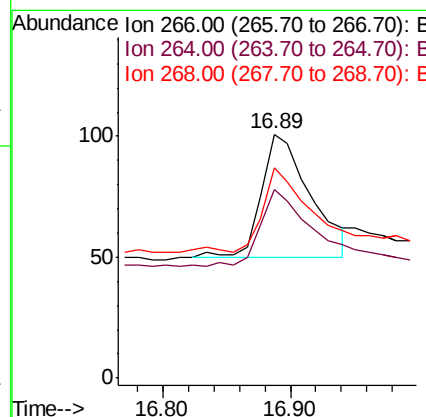
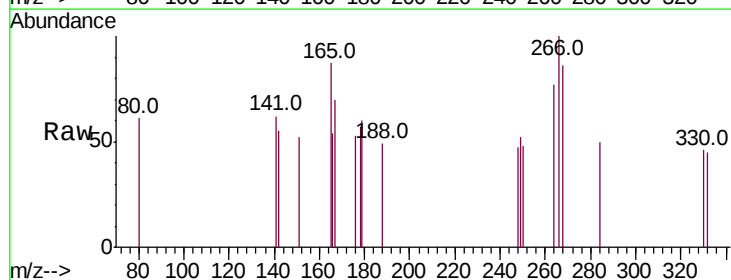
Instrument :
BNA_N
ClientSampleId :

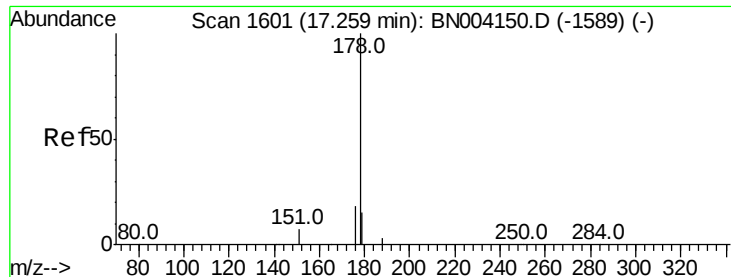
Tot Ion:284 Resp: 967
Ion Ratio Lower Upper
284 100
142 33.2 29.7 44.5
249 27.5 24.0 36.0



#22
Pentachlorophenol
Concen: 0.055 ng
RT: 16.89 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:266 Resp: 135
Ion Ratio Lower Upper
266 100
264 77.2 52.1 78.1
268 86.1 51.8 77.6#





#23

Phenanthrene

Concen: 0.099 ng

RT: 17.26 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :

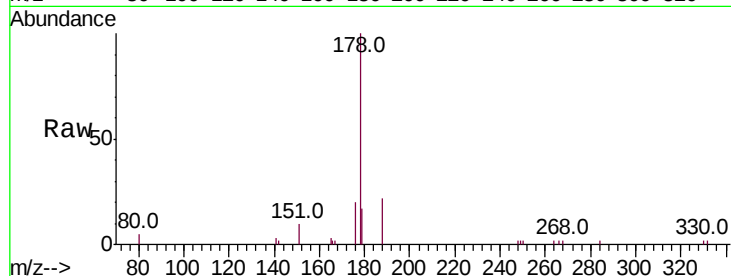
Tot Ion:178 Resp: 4020

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

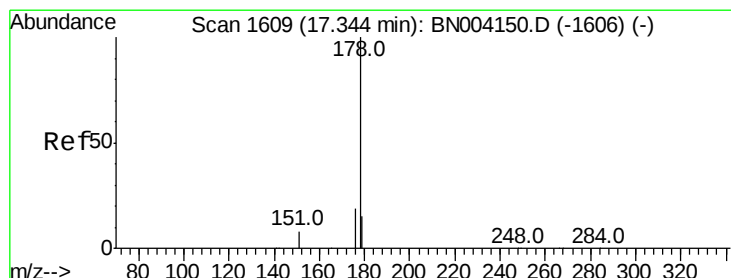
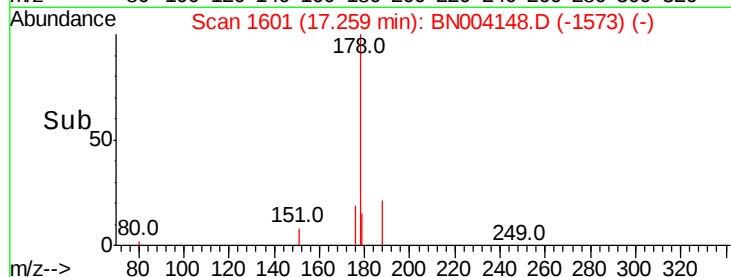
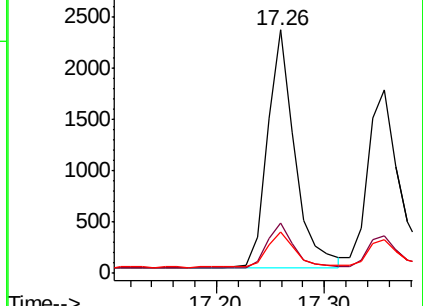
179 16.0 12.4 18.6



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



#24

Anthracene

Concen: 0.102 ng

RT: 17.35 min Scan# 1610

Delta R.T. 0.01 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

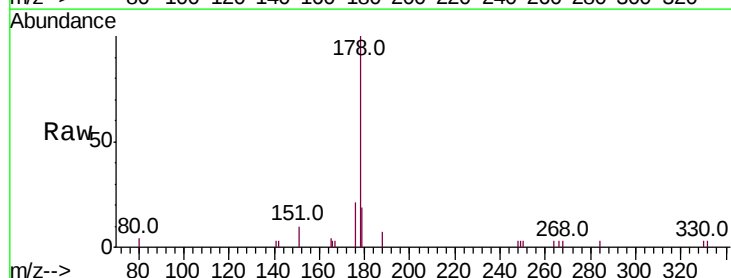
Tgt Ion:178 Resp: 3545

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

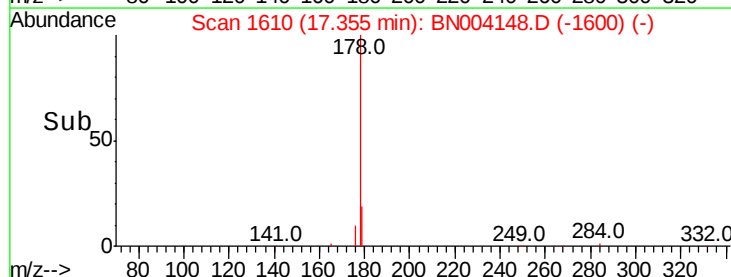
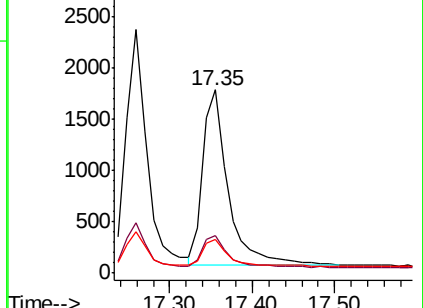
179 15.4 12.2 18.4

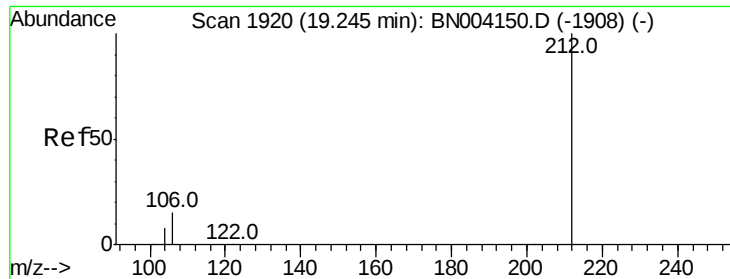


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.103 ng

RT: 19.25 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :

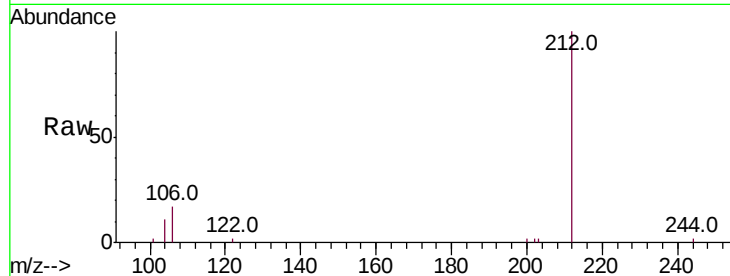
Tot Ion:212 Resp: 4458

Ion Ratio Lower Upper

212 100

106 15.1 10.3 15.5

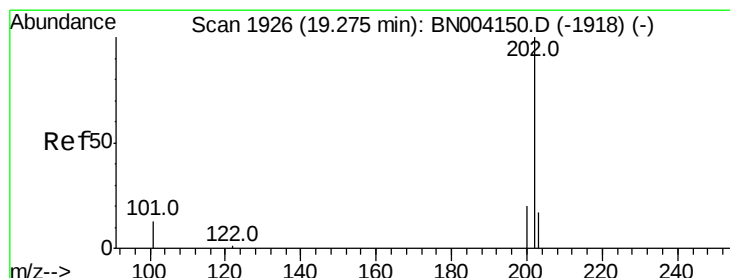
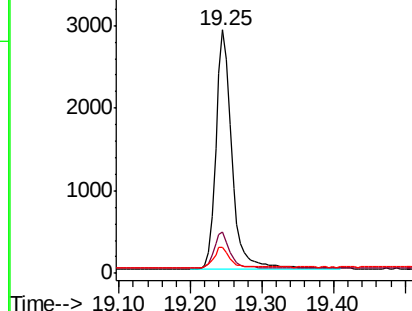
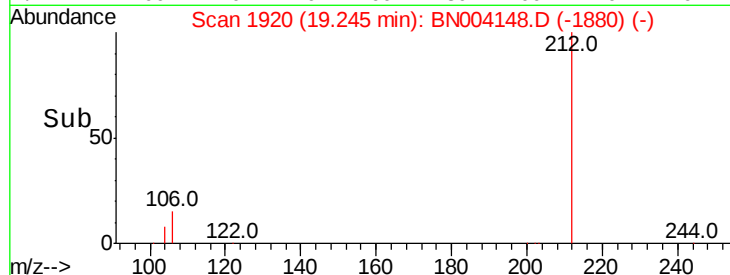
104 8.3 5.6 8.4



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: 0.102 ng

RT: 19.27 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

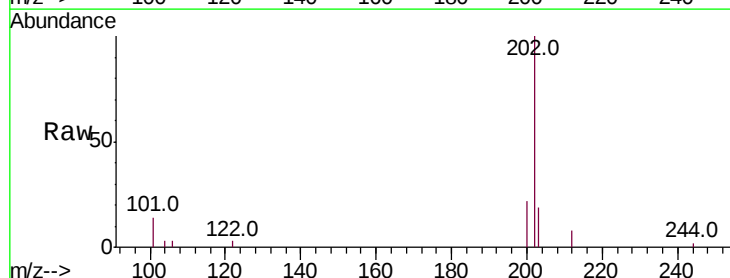
Tgt Ion:202 Resp: 4781

Ion Ratio Lower Upper

202 100

101 12.8 9.0 13.4

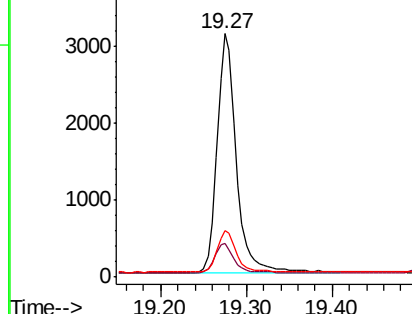
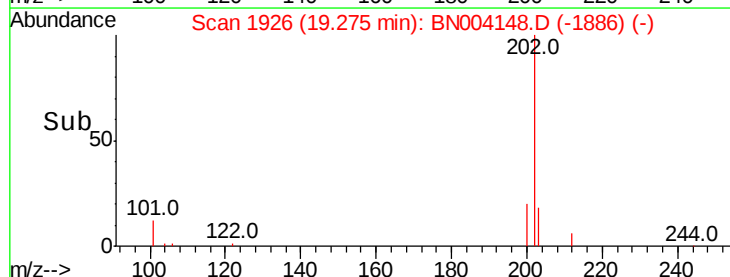
203 17.2 13.8 20.6

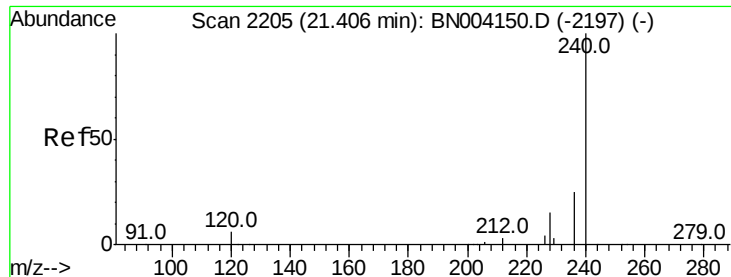


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

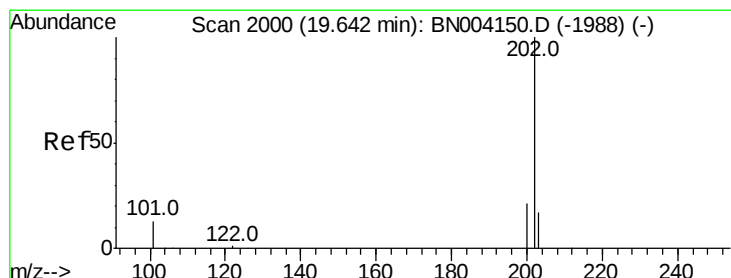
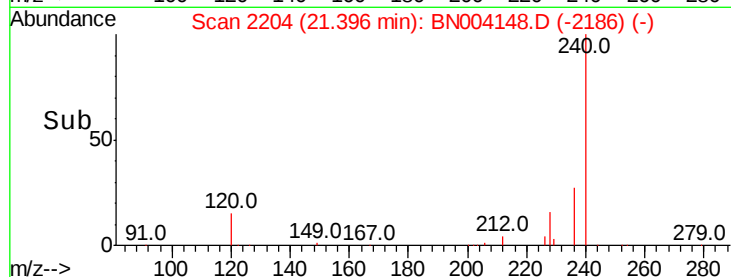
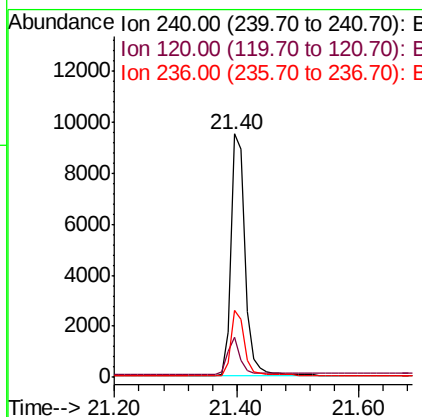
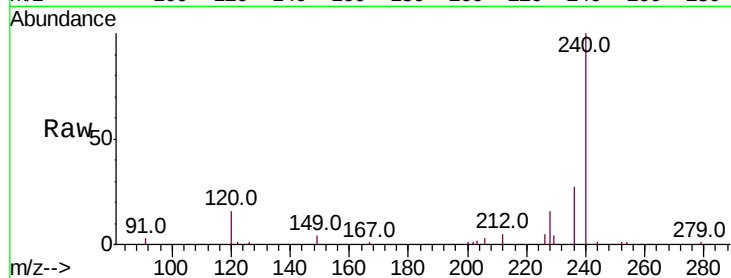




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

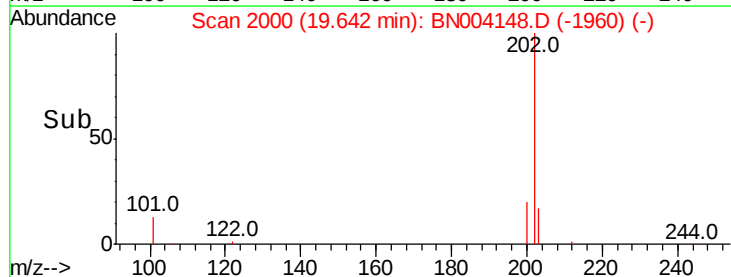
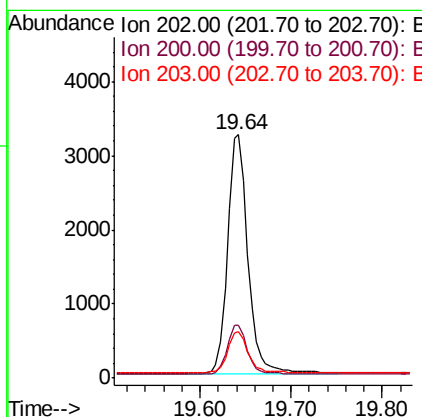
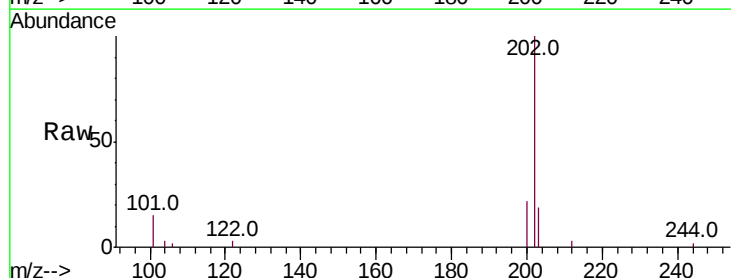
Instrument :
BNA_N
ClientSampleId :

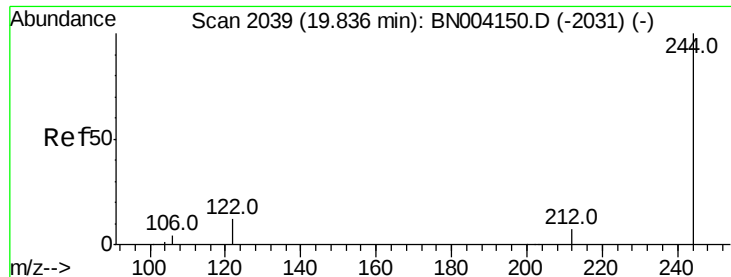
Tot Ion:240 Resp: 15474
Ion Ratio Lower Upper
240 100
120 16.3 9.3 13.9#
236 27.4 21.0 31.4



#28
Pyrene
Concen: 0.117 ng
RT: 19.64 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:202 Resp: 5007
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 18.3 13.9 20.9





#29

Terphenyl-d14

Concen: 0.117 ng

RT: 19.84 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :

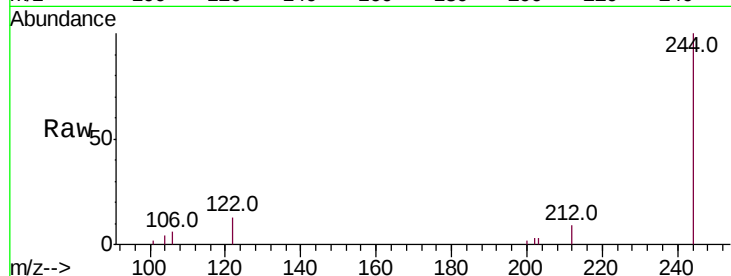
Tot Ion:244 Resp: 4195

Ion Ratio Lower Upper

244 100

212 8.6 5.6 8.4#

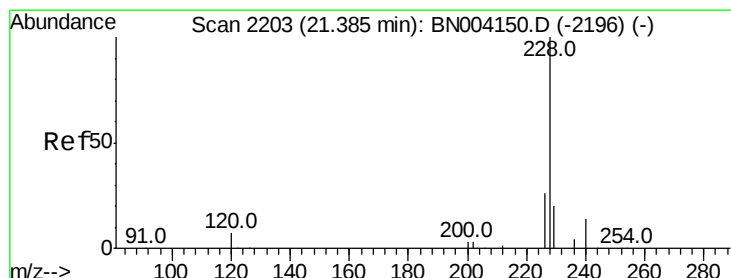
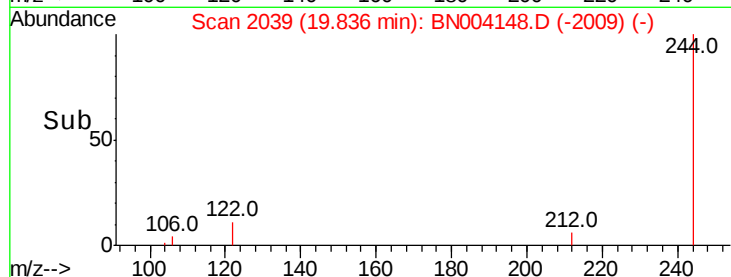
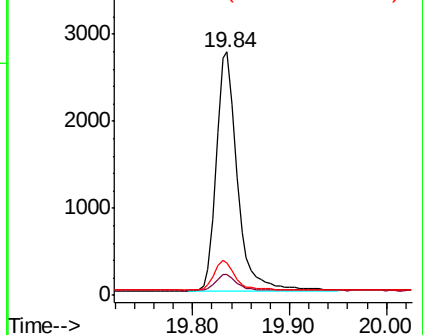
122 13.3 8.5 12.7#



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: 0.113 ng

RT: 21.39 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

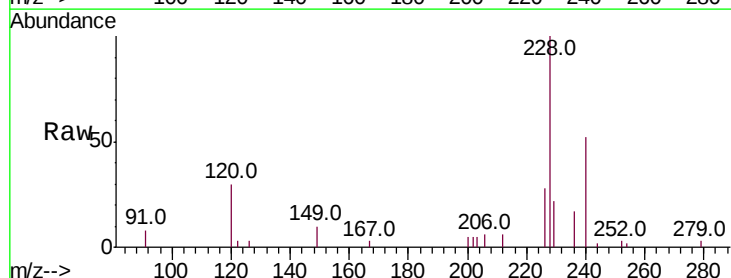
Tgt Ion:228 Resp: 4602

Ion Ratio Lower Upper

228 100

226 27.9 20.8 31.2

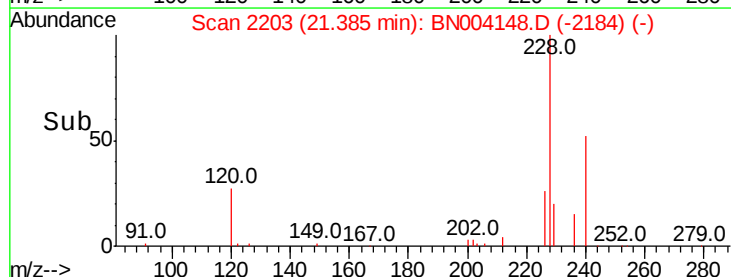
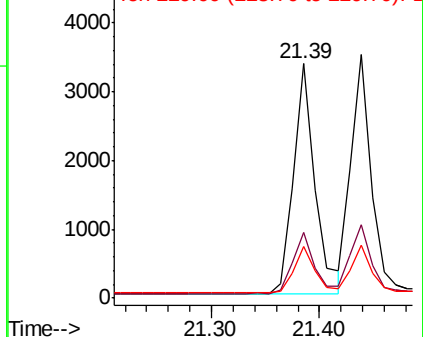
229 21.8 16.1 24.1

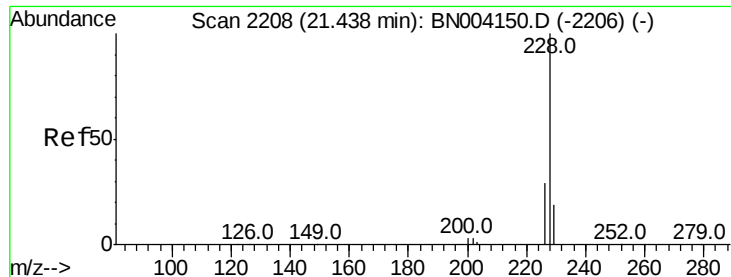


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.104 ng

RT: 21.44 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

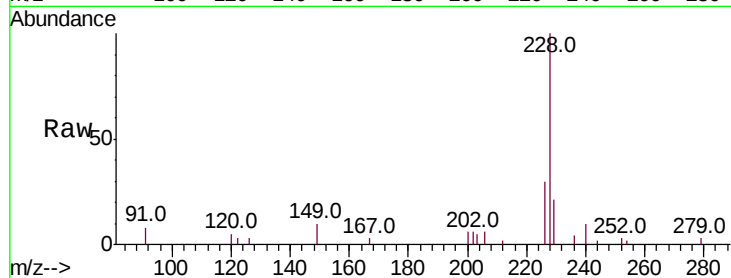
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 4557

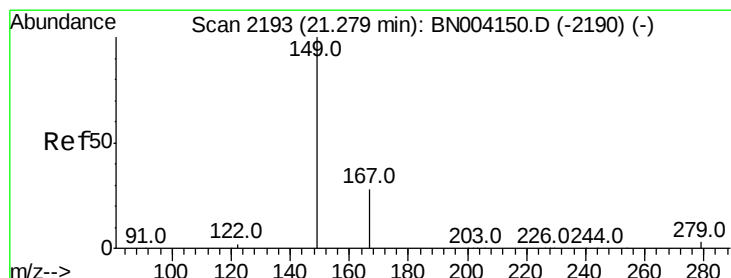
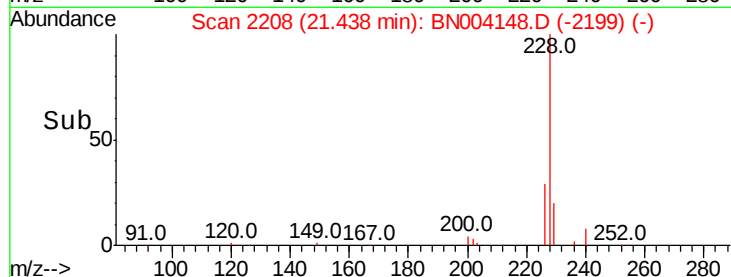
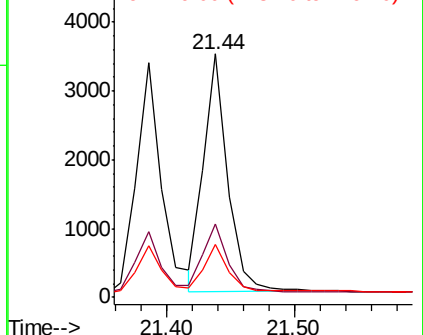
Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.7	34.1
229	21.5	16.0	24.0



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: 0.260 ng

RT: 21.28 min Scan# 2193

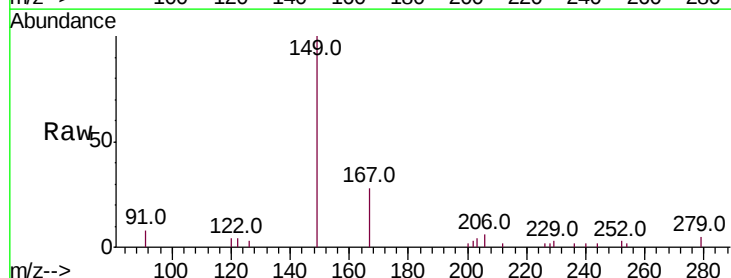
Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Tgt Ion:149 Resp: 3120

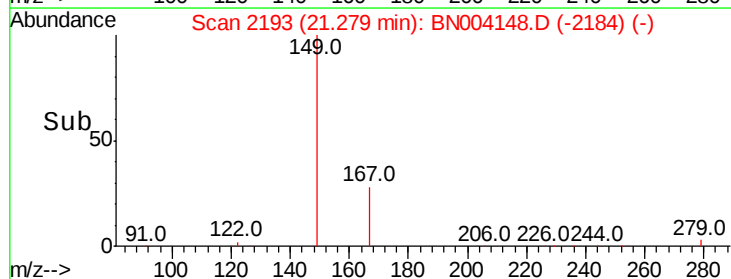
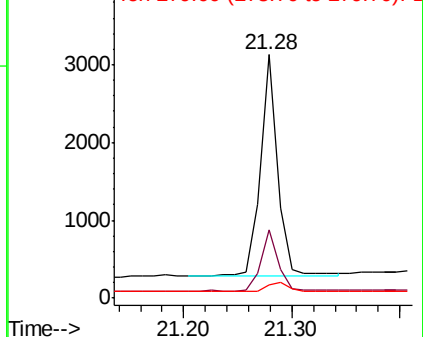
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	5.6	3.9	5.9

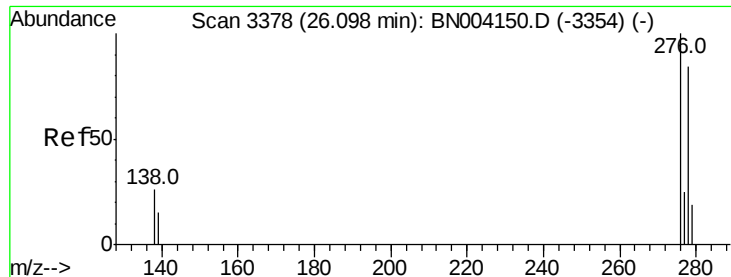


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.112 ng

RT: 26.09 min Scan# 3377

Delta R.T. -0.00 min

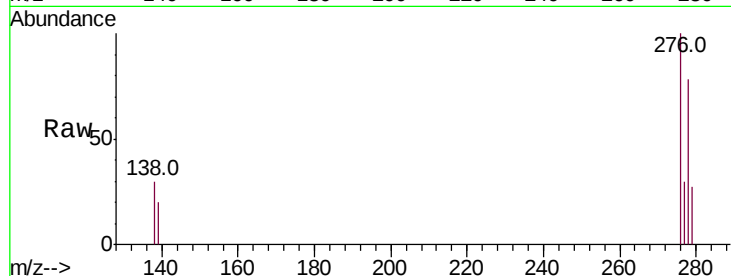
Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 5067

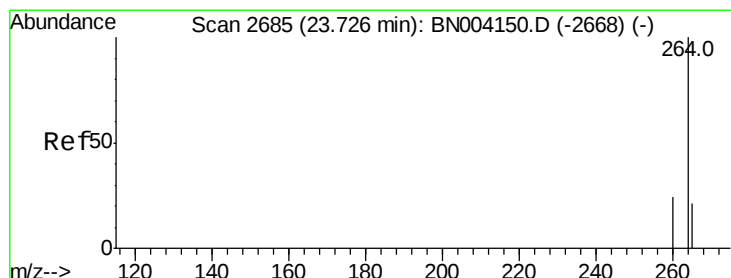
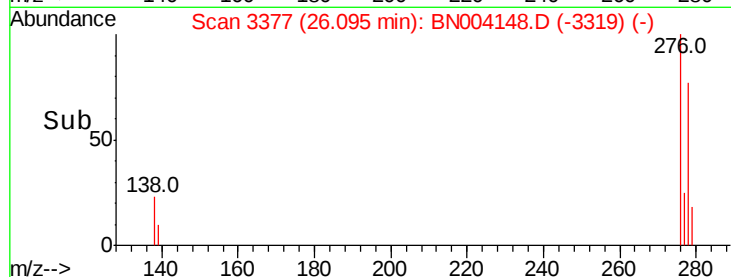
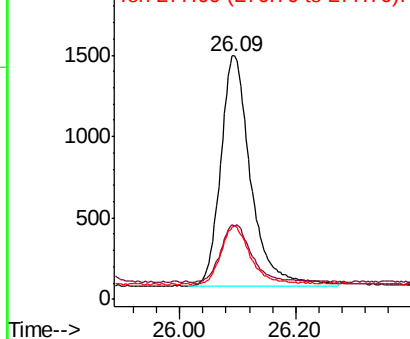
Ion Ratio Lower Upper

276 100

138 25.4 20.6 30.8

277 24.8 20.0 30.0

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: 23.73 min Scan# 2685

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Tgt Ion:264 Resp: 14894

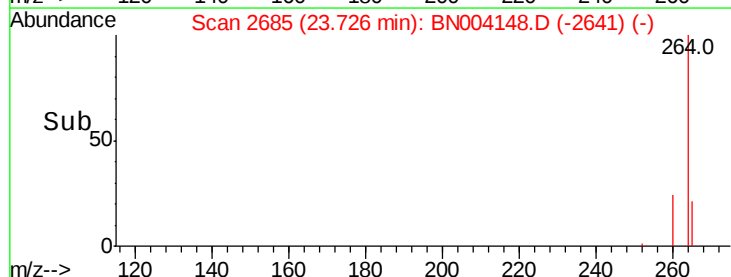
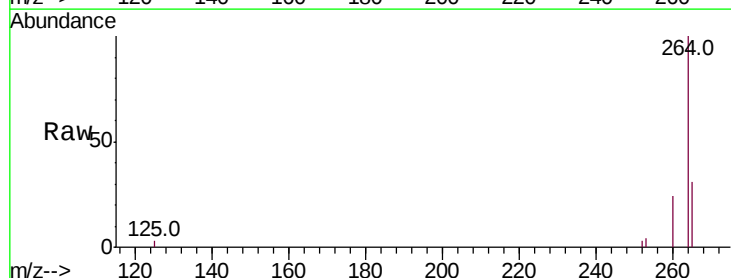
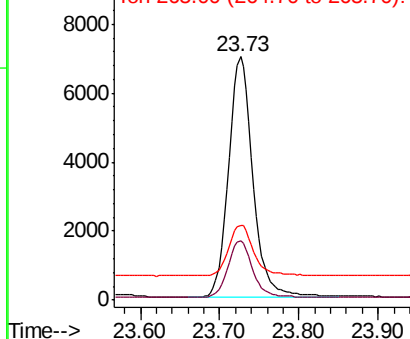
Ion Ratio Lower Upper

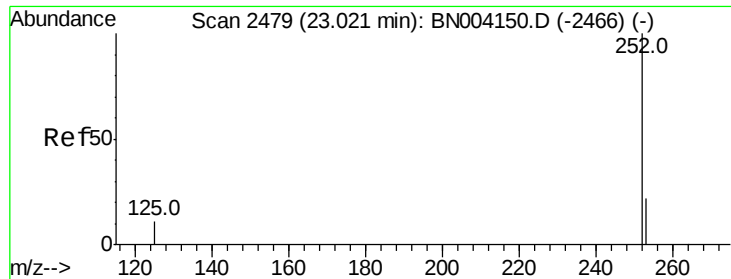
264 100

260 24.5 19.1 28.7

265 30.8 26.4 39.6

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

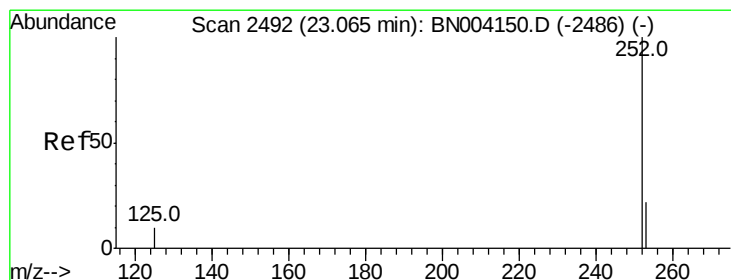
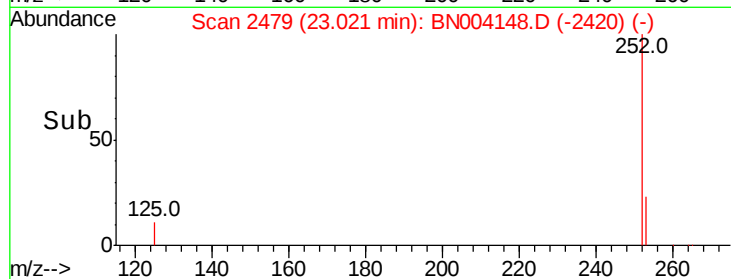
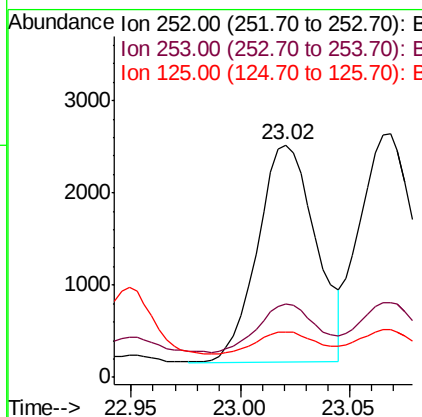
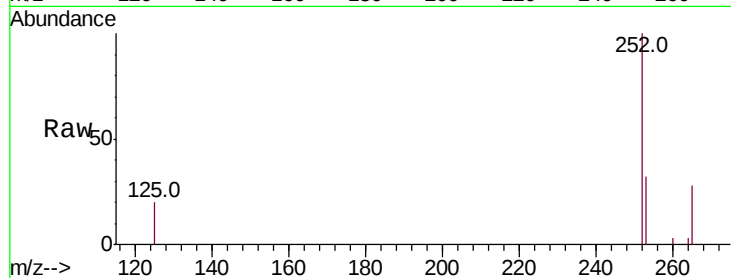




#35
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 23.02 min Scan# 2479
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

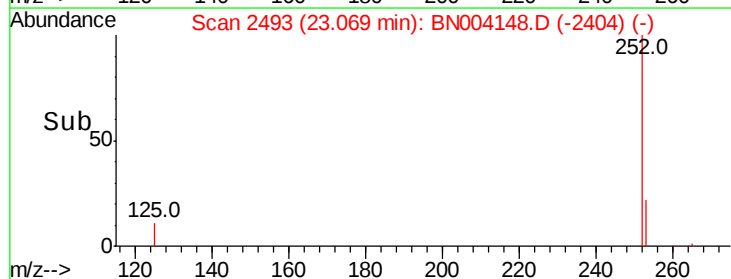
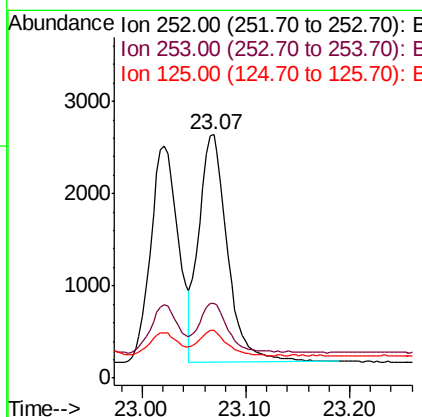
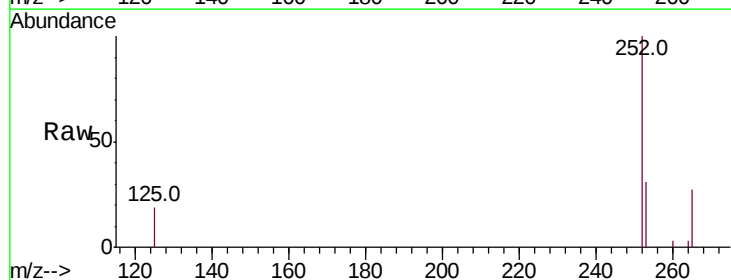
Instrument :
BNA_N
ClientSampleId :

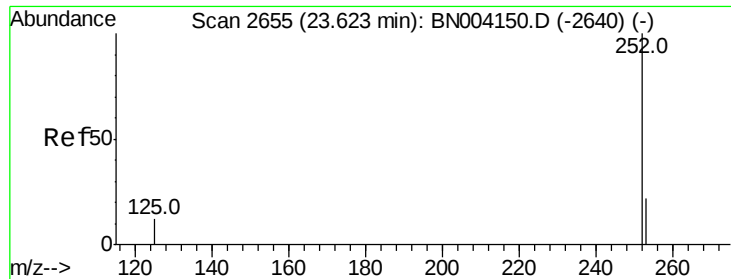
Tot Ion:252 Resp: 4403
Ion Ratio Lower Upper
252 100
253 31.8 19.3 28.9#
125 19.7 12.7 19.1#



#36
Benzo(k)fluoranthene
Concen: 0.103 ng
RT: 23.07 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:252 Resp: 4737
Ion Ratio Lower Upper
252 100
253 30.8 18.5 27.7#
125 19.4 9.1 13.7#





#37

Benzo(a)pyrene

Concen: 0.098 ng

RT: 23.62 min Scan# 2655

Delta R.T. 0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :

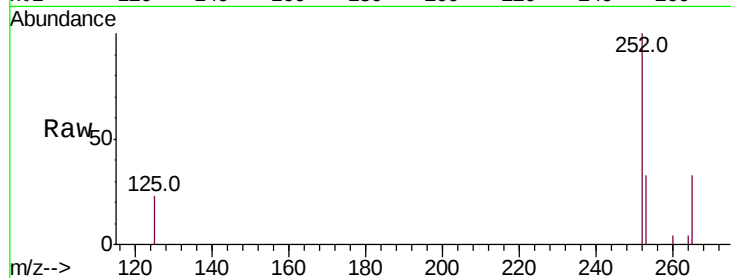
Tot Ion:252 Resp: 4152

Ion Ratio Lower Upper

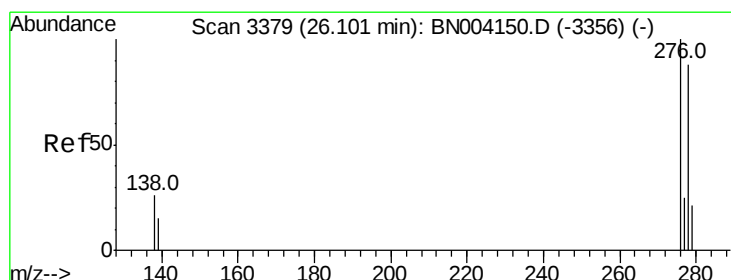
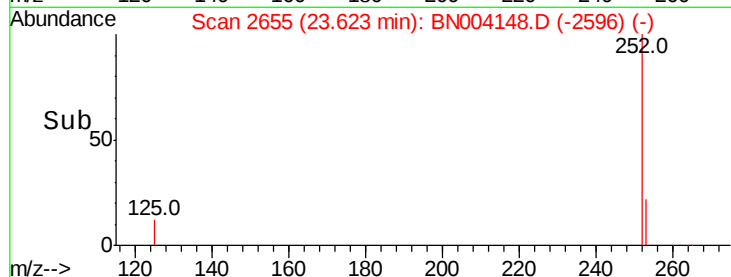
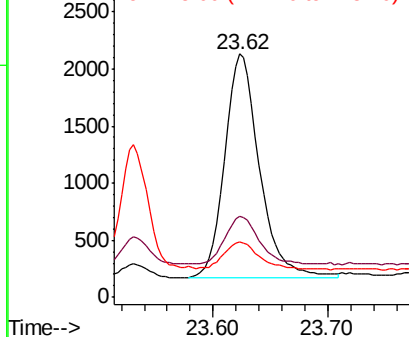
252 100

253 33.3 20.1 30.1#

125 22.7 16.0 24.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.105 ng

RT: 26.10 min Scan# 3378

Delta R.T. -0.00 min

Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

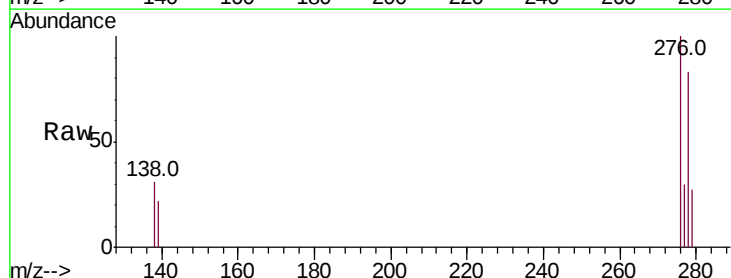
Tgt Ion:278 Resp: 4133

Ion Ratio Lower Upper

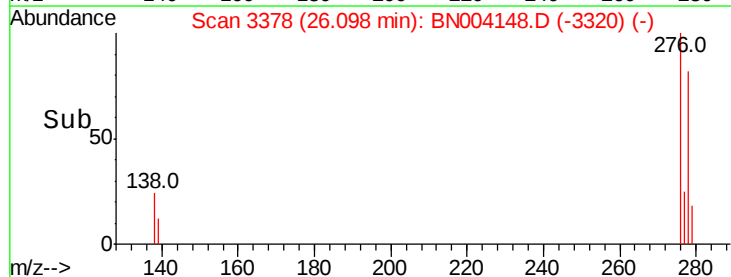
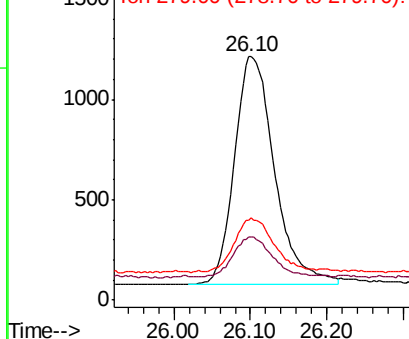
278 100

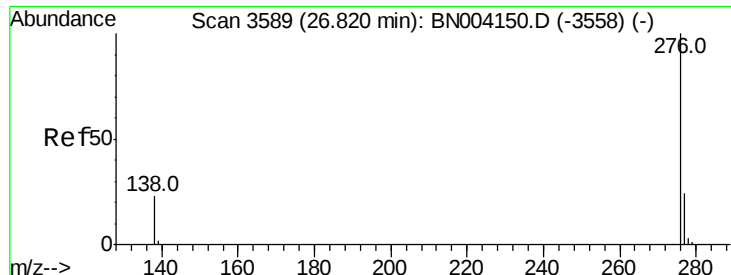
139 26.1 13.5 20.3#

279 32.6 19.8 29.6#



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: 0.107 ng

RT: 26.83 min Scan# 3591

Delta R.T. 0.01 min

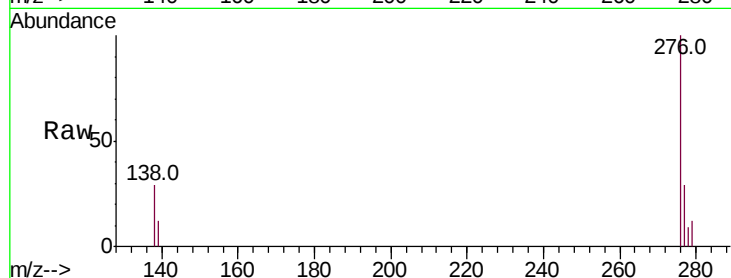
Lab File: BN004148.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 4220

Ion Ratio Lower Upper

276 100

277 29.4 19.5 29.3#

138 28.8 17.4 26.2#

