

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004818.D
 Acq On : 20 Mar 2019 12:55
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Mar 20 13:50:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 13:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1323	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	5822	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	3767	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	9701	0.40	ng	0.00
27) Chrysene-d12	21.29	240	13691	0.40	ng	0.00
34) Perylene-d12	23.55	264	14843	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	2787	0.67	ng	0.00
5) Phenol-d6	6.88	99	3414	0.62	ng	0.00
8) Nitrobenzene-d5	8.86	82	2959	0.79	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	8016	0.82	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1973	0.87	ng	-0.01
15) 2-Fluorobiphenyl	12.96	172	12416	0.83	ng	0.00
25) Fluoranthene-d10	19.13	212	25639	0.90	ng	0.00
29) Terphenyl-d14	19.73	244	22059	0.65	ng	0.00

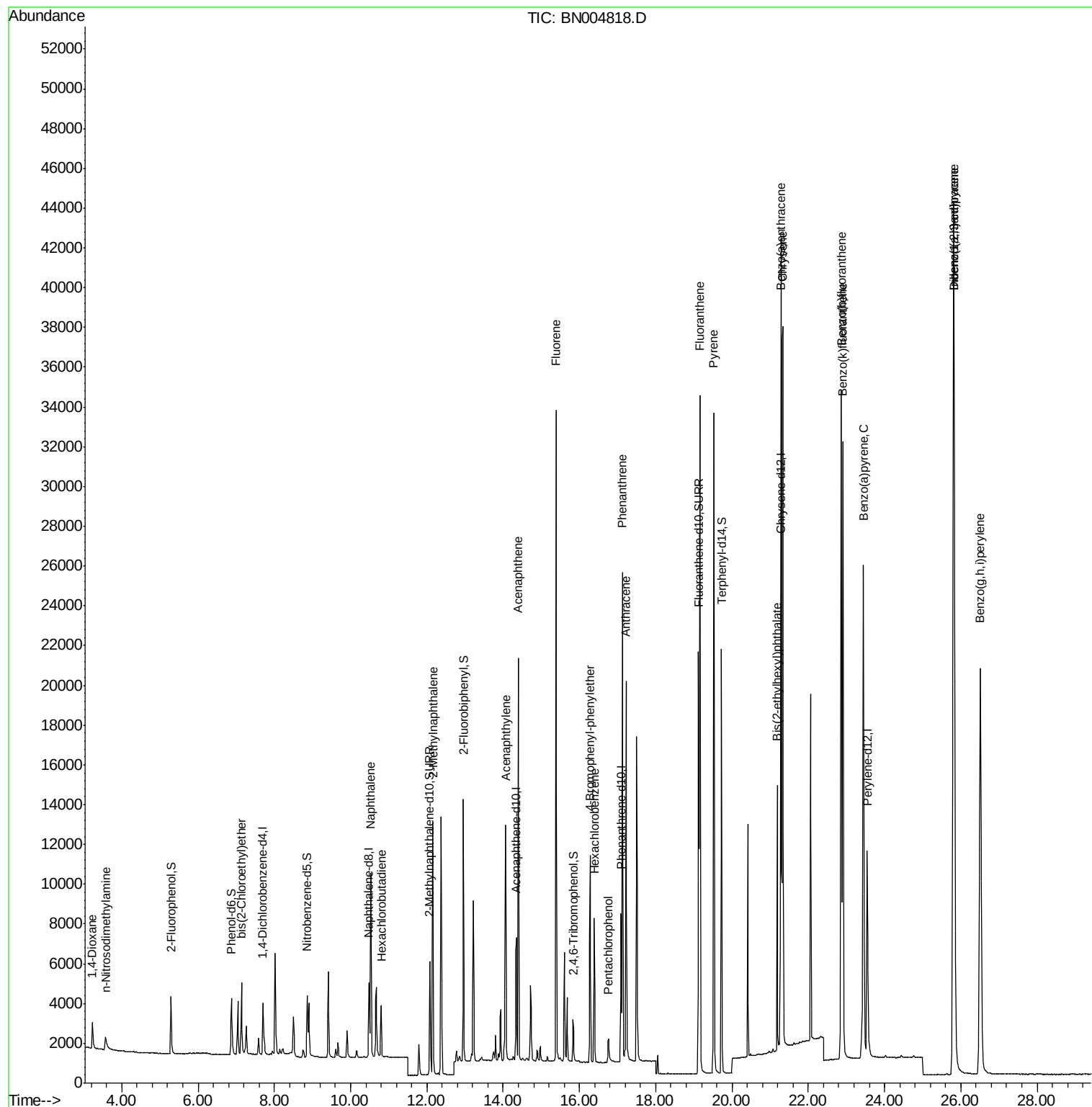
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1125	0.966	ng	98
3) n-Nitrosodimethylamine	3.57	42	680	1.101	ng	# 95
6) bis(2-Chloroethyl)ether	7.14	93	3204	0.811	ng	98
9) Naphthalene	10.53	128	12911	0.893	ng	98
10) Hexachlorobutadiene	10.81	225	2443	0.990	ng	# 99
12) 2-Methylnaphthalene	12.15	142	9540	0.911	ng	99
16) Acenaphthylene	14.07	152	15200	0.858	ng	100
17) Acenaphthene	14.40	154	10054	0.866	ng	100
18) Fluorene	15.39	166	14007	0.955	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	4984	0.926	ng	92
21) Hexachlorobenzene	16.39	284	5695	0.932	ng	99
22) Pentachlorophenol	16.76	266	881	0.787	ng	100
23) Phenanthrene	17.13	178	24476	0.934	ng	100
24) Anthracene	17.23	178	21700	0.898	ng	100
26) Fluoranthene	19.16	202	31650	1.017	ng	100
28) Pyrene	19.52	202	32224	0.752	ng	100
30) Benzo(a)anthracene	21.28	228	34102	0.897	ng	100
31) Chrysene	21.33	228	37280	0.959	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	12141	0.522	ng	100
33) Indeno(1,2,3-cd)pyrene	25.81	276	55014	1.327	ng	100
35) Benzo(b)fluoranthene	22.86	252	41687	0.976	ng	98
36) Benzo(k)fluoranthene	22.91	252	41512	0.924	ng	98
37) Benzo(a)pyrene	23.45	252	38149	0.944	ng	98
38) Dibenzo(a,h)anthracene	25.82	278	45686	1.130	ng	98
39) Benzo(g,h,i)perylene	26.51	276	46266	1.155	ng	99

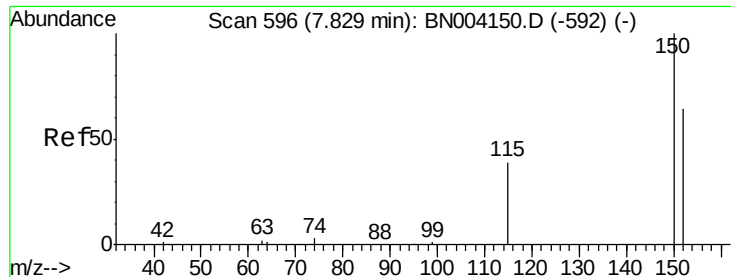
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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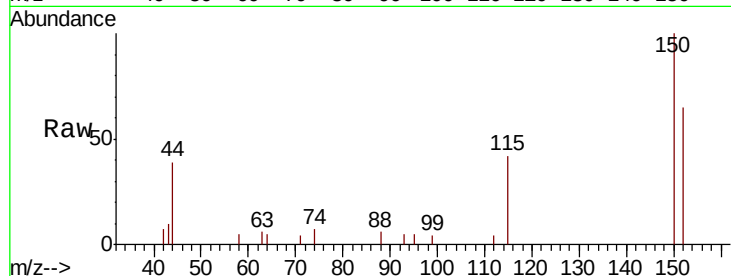


#1

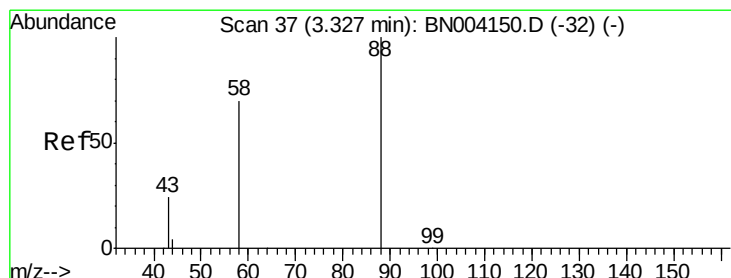
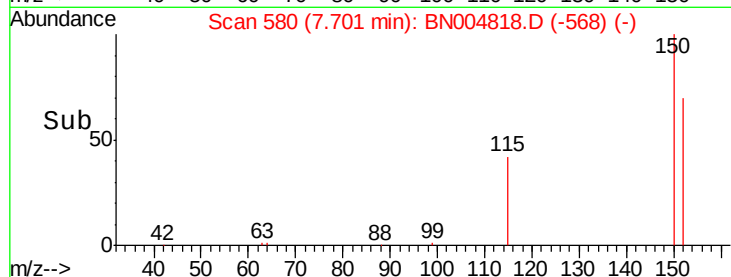
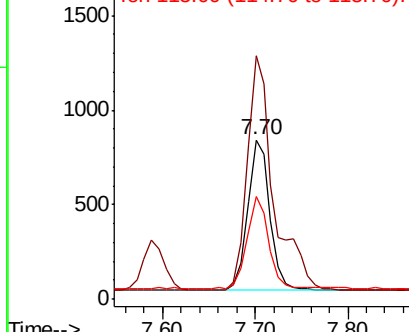
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.00 min
Lab File: BN004818.D
Acq: 20 Mar 2019 12:55

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tot Ion:152 Resp: 1323
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.4
115 64.1 52.6 79.0



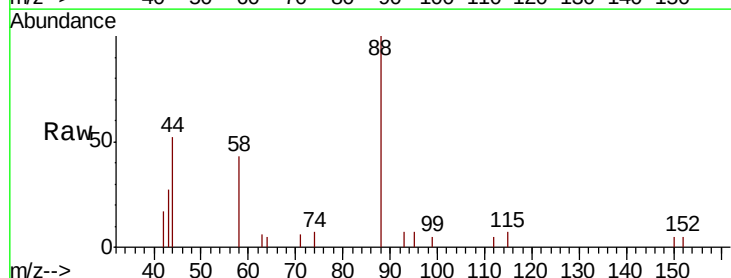
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



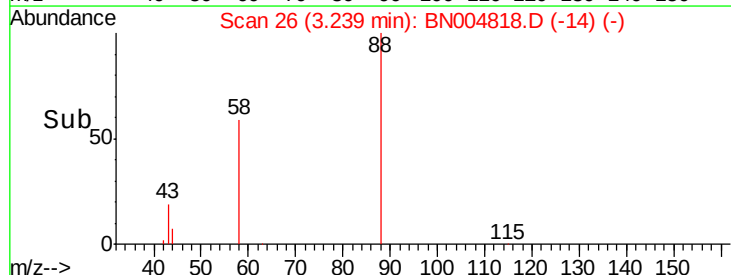
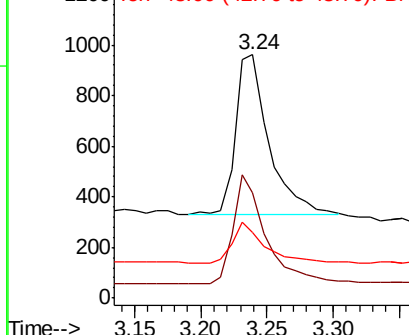
#2

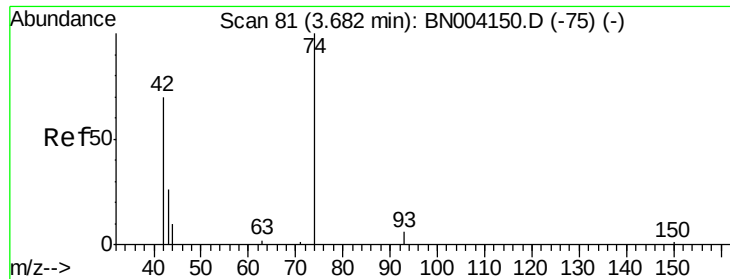
1,4-Dioxane
Concen: 0.966 ng
RT: 3.24 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN004818.D
Acq: 20 Mar 2019 12:55

Tgt Ion: 88 Resp: 1125
Ion Ratio Lower Upper
88 100
58 66.0 51.4 77.2
43 24.4 20.0 30.0



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



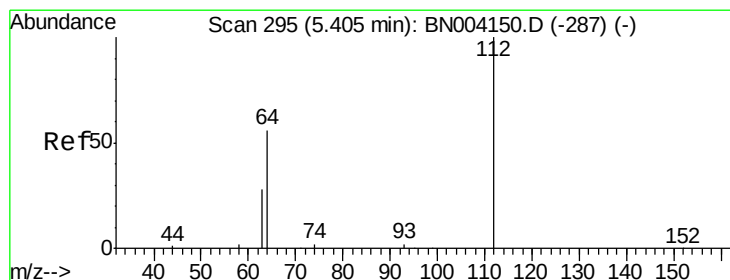
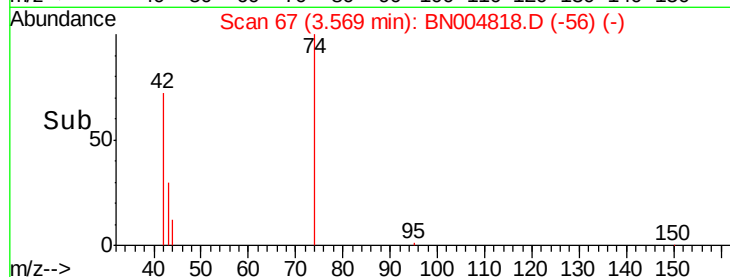
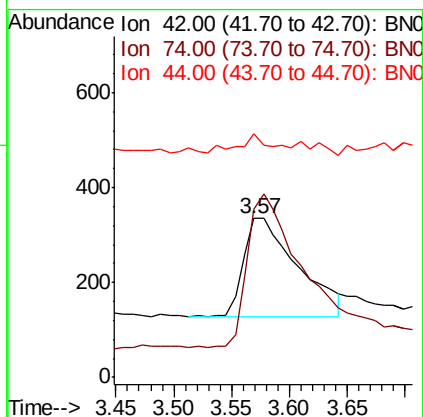
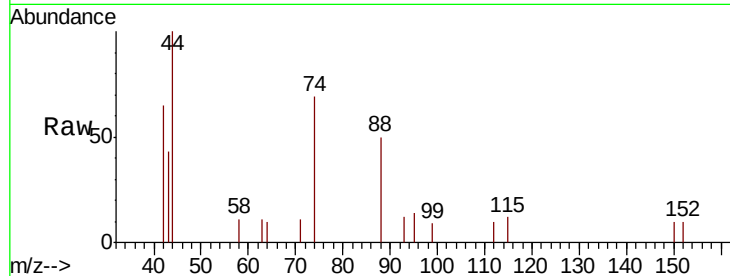


#3

n-Nitrosodimethylamine
Concen: 1.101 ng
RT: 3.57 min Scan# 67
Delta R.T. -0.01 min
Lab File: BN004818.D
Acq: 20 Mar 2019 12:55

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

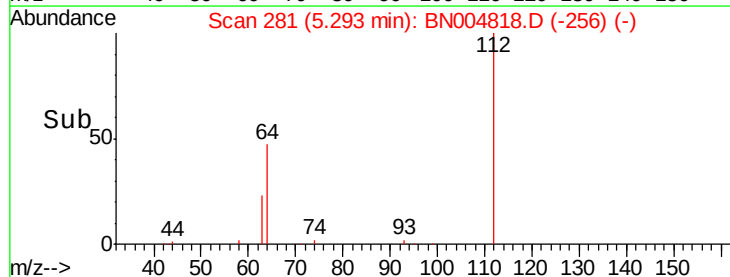
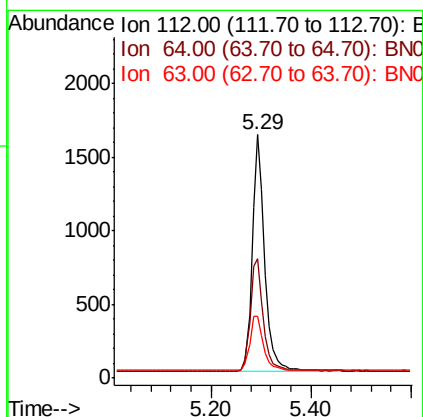
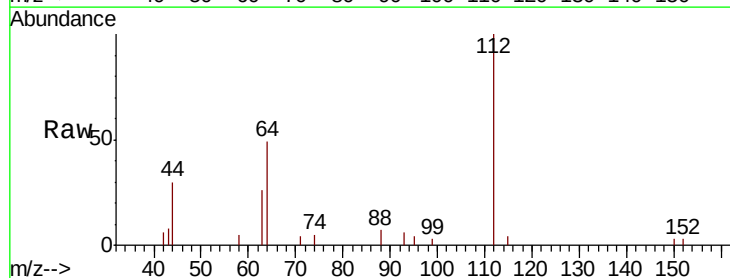
Tot Ion: 42 Resp: 680
Ion Ratio Lower Upper
42 100
74 154.6 128.4 192.6
44 9.3 6.1 9.1#

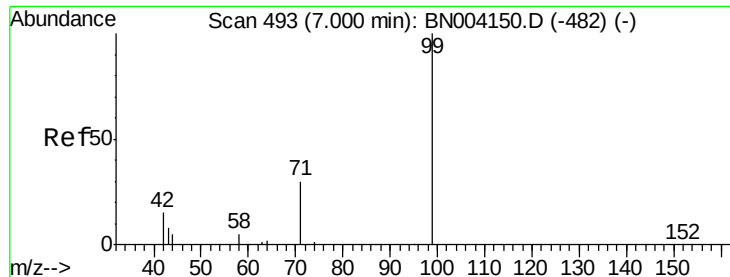


#4

2-Fluorophenol
Concen: 0.673 ng
RT: 5.29 min Scan# 281
Delta R.T. 0.00 min
Lab File: BN004818.D
Acq: 20 Mar 2019 12:55

Tgt Ion: 112 Resp: 2787
Ion Ratio Lower Upper
112 100
64 50.1 40.0 60.0
63 25.2 20.2 30.2





#5

Phenol-d6

Concen: 0.624 ng

RT: 6.88 min Scan# 478

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

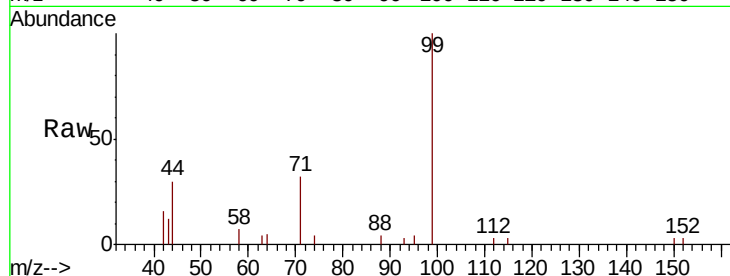
Tot Ion: 99 Resp: 3414

Ion Ratio Lower Upper

99 100

42 14.1 12.7 19.1

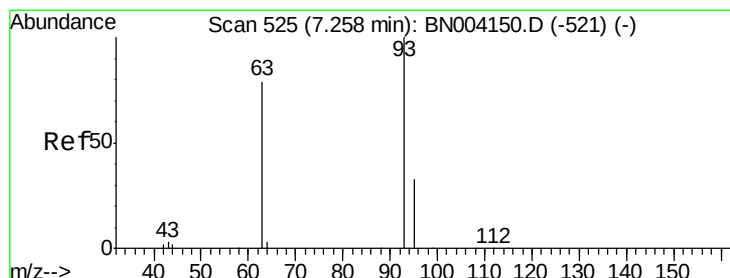
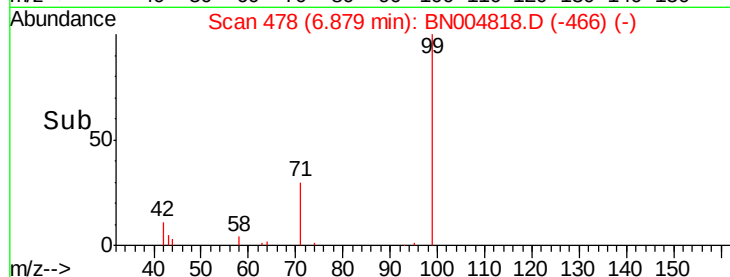
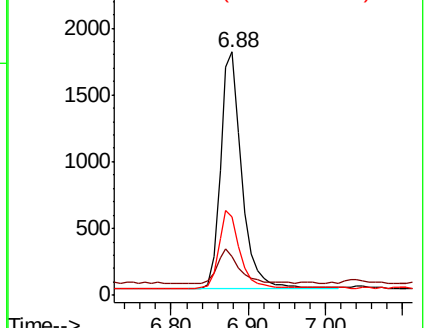
71 32.7 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004150.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN004150.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN004150.D (-482) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.811 ng

RT: 7.14 min Scan# 510

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

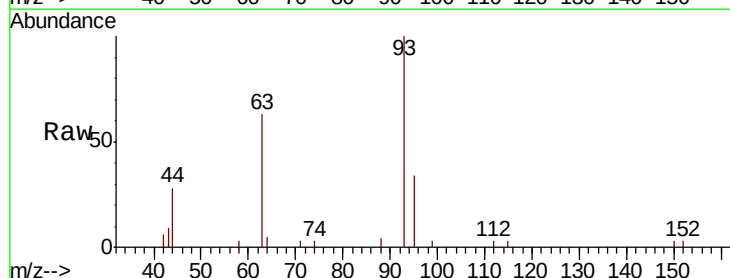
Tgt Ion: 93 Resp: 3204

Ion Ratio Lower Upper

93 100

63 63.2 52.6 78.8

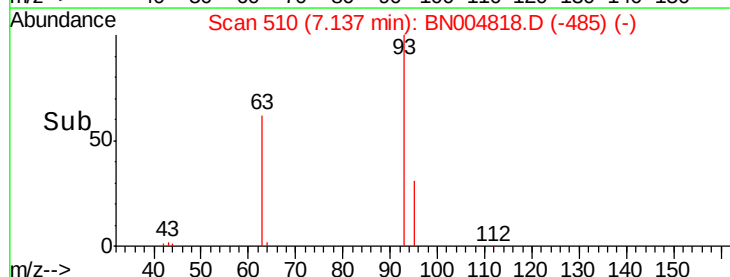
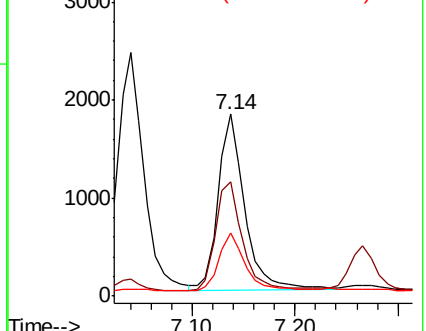
95 31.8 25.9 38.9

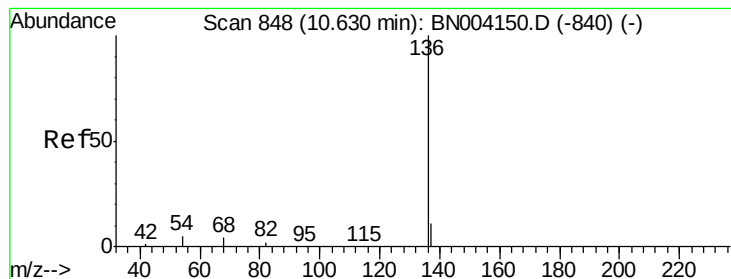


Abundance Ion 93.00 (92.70 to 93.70): BN004150.D (-521) (-)

Ion 63.00 (62.70 to 63.70): BN004150.D (-521) (-)

Ion 95.00 (94.70 to 95.70): BN004150.D (-521) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 5822

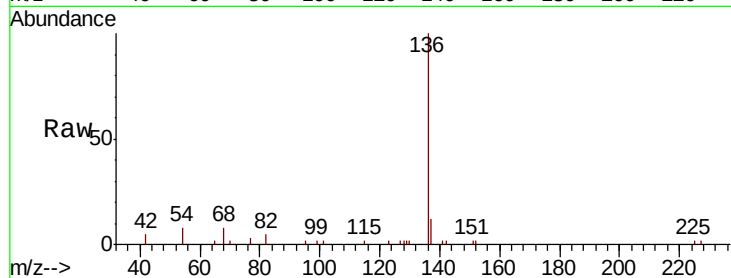
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 8.4 4.2 6.2#

68 7.5 3.9 5.9#

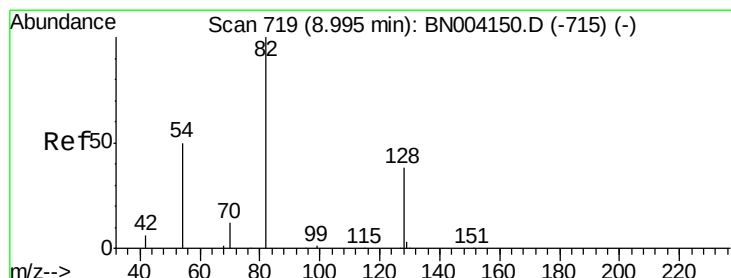
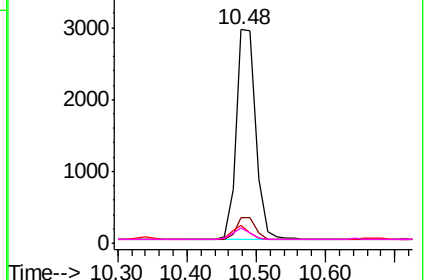
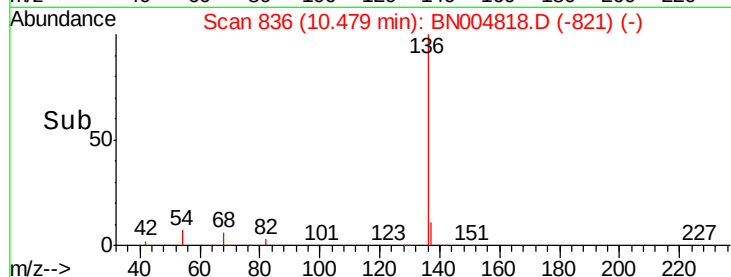


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.790 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

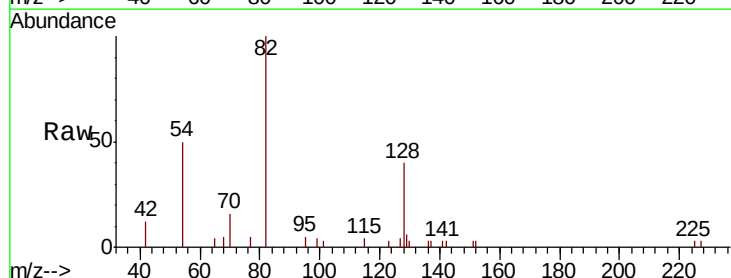
Tgt Ion: 82 Resp: 2959

Ion Ratio Lower Upper

82 100

128 39.5 43.0 64.6#

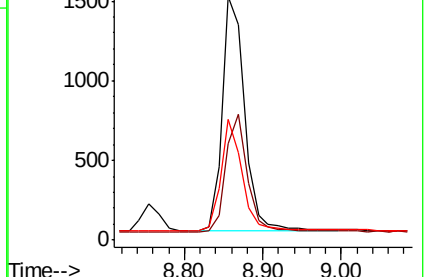
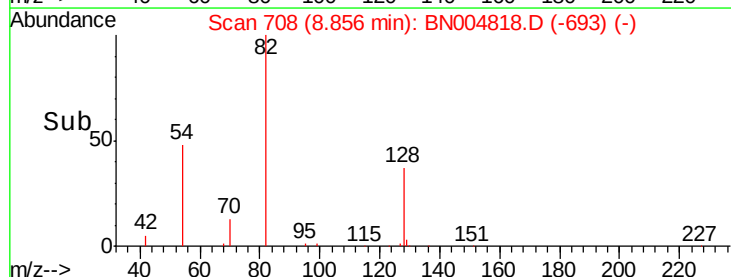
54 49.8 35.3 52.9

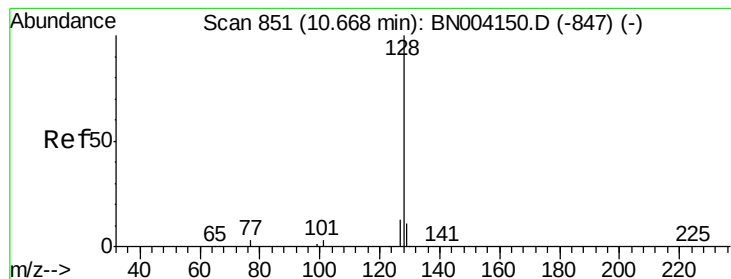


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.893 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

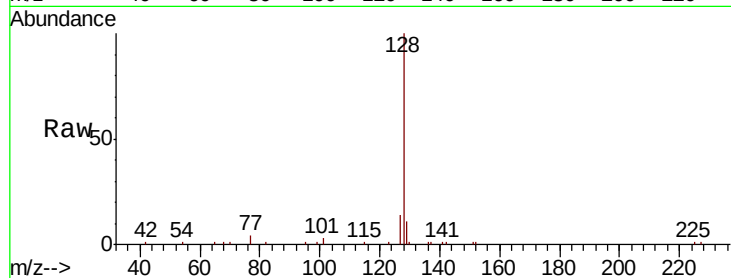
Tot Ion:128 Resp: 12911

Ion Ratio Lower Upper

128 100

129 11.3 9.9 14.9

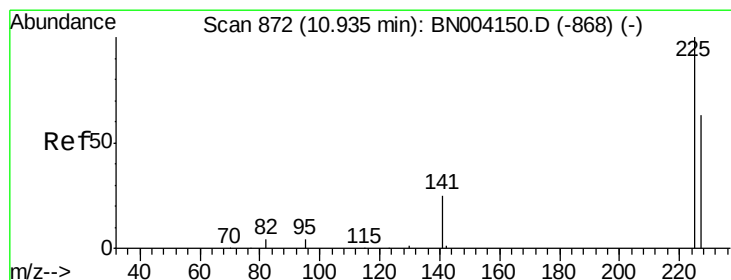
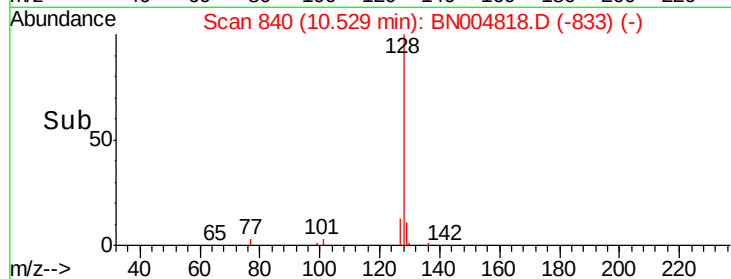
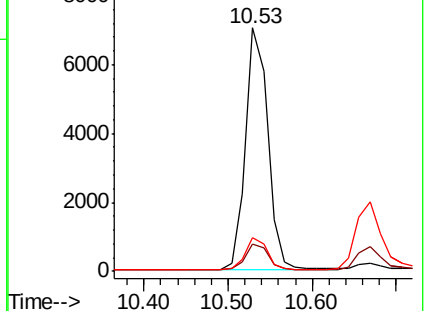
127 14.0 11.3 16.9



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: 0.990 ng

RT: 10.81 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

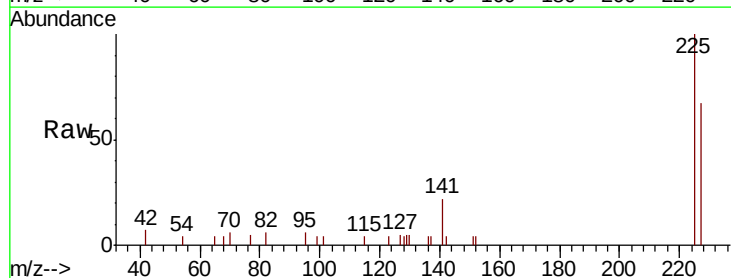
Tgt Ion:225 Resp: 2443

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

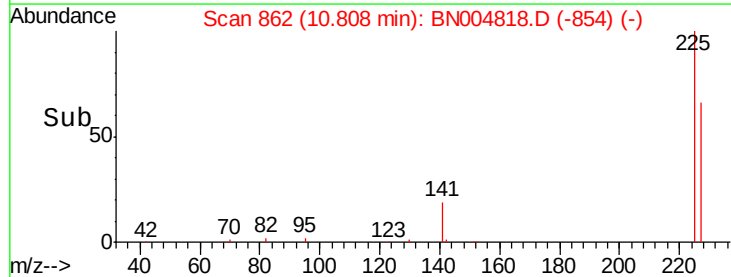
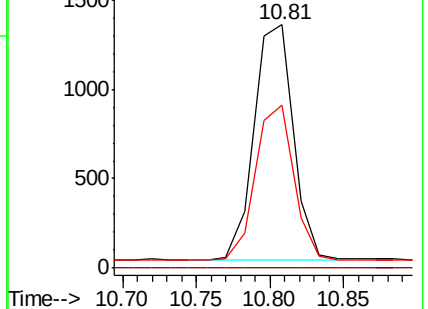
227 64.4 52.2 78.4

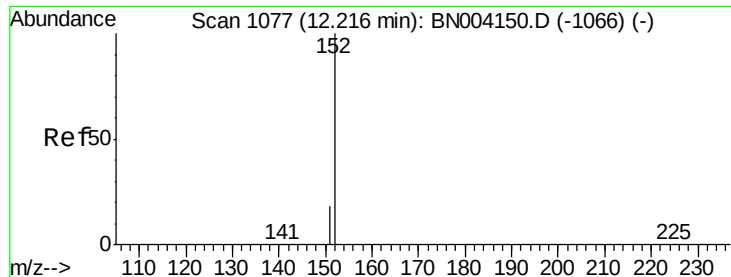


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.819 ng

RT: 12.08 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

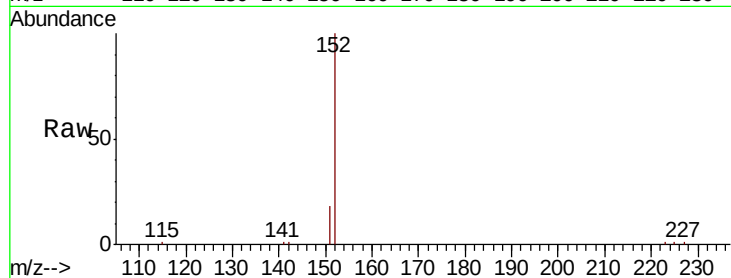
SSTDICC0.8

Tot Ion:152 Resp: 8016

Ion Ratio Lower Upper

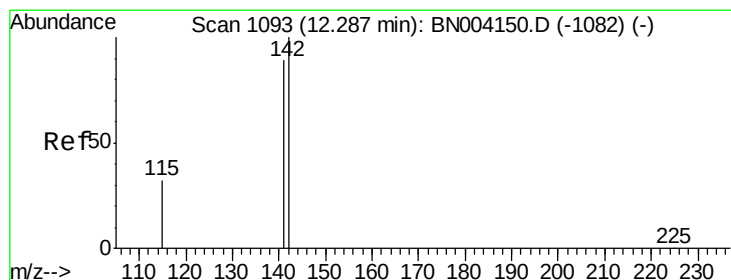
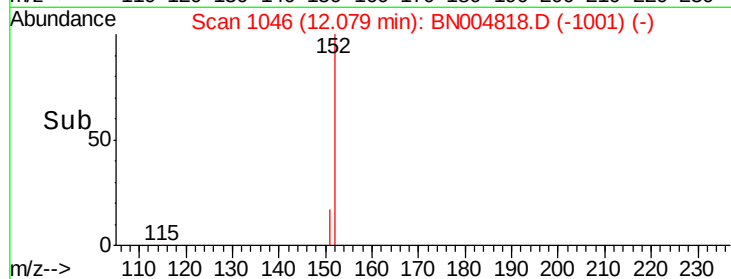
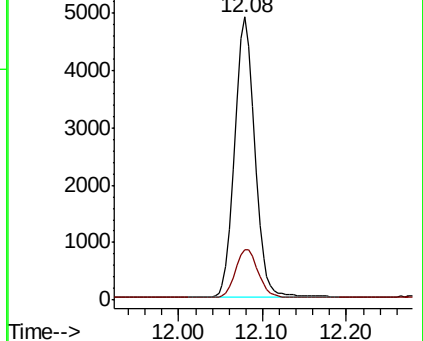
152 100

151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.911 ng

RT: 12.15 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

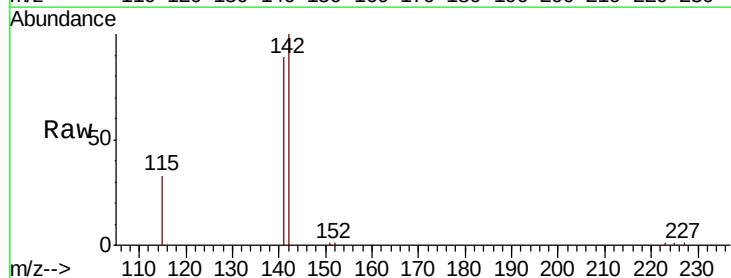
Tgt Ion:142 Resp: 9540

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.2

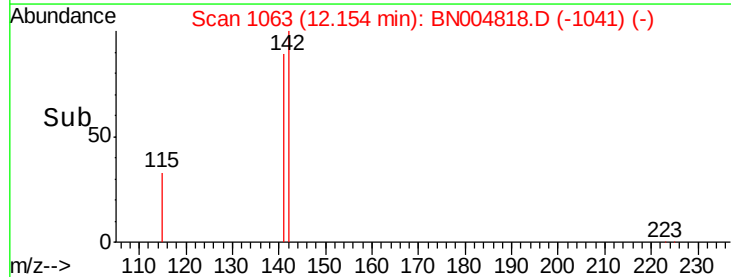
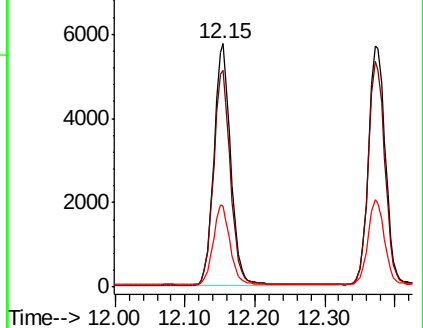
115 33.3 27.5 41.3

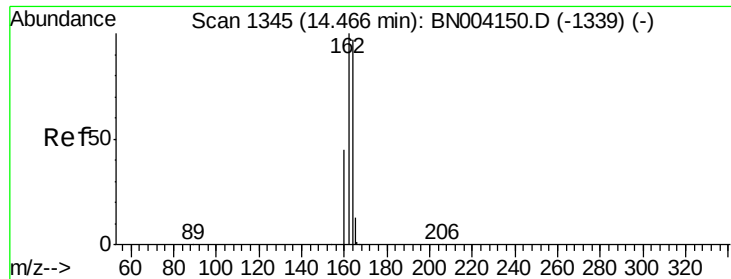


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

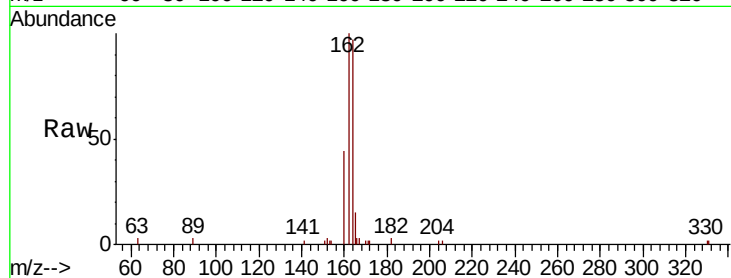
Tot Ion:164 Resp: 3767

Ion Ratio Lower Upper

164 100

162 103.1 81.9 122.9

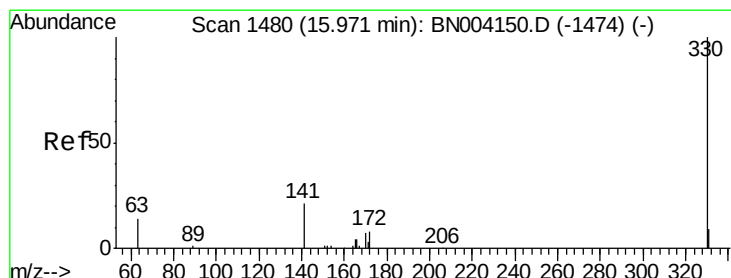
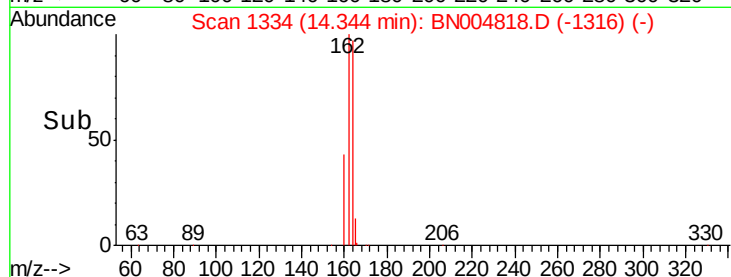
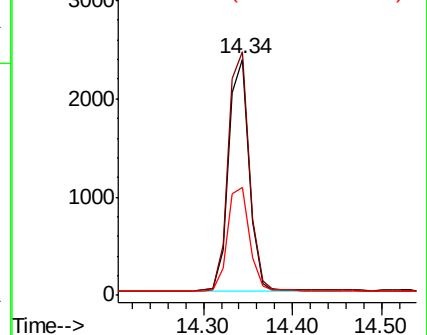
160 45.7 36.6 54.8



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: 0.875 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

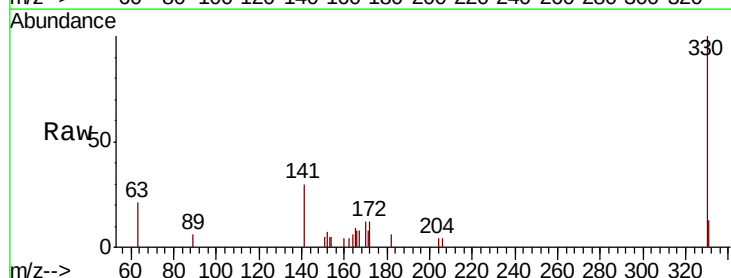
Tgt Ion:330 Resp: 1973

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

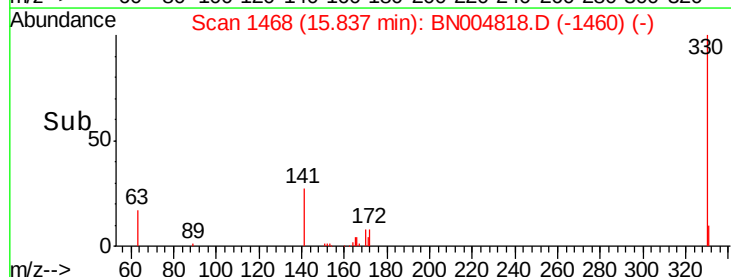
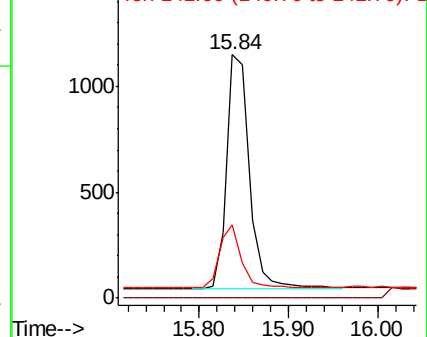
141 25.2 20.9 31.3

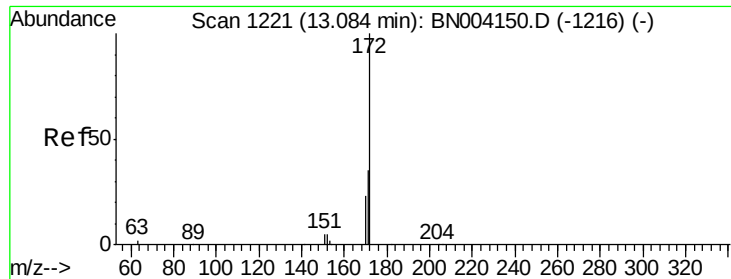


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

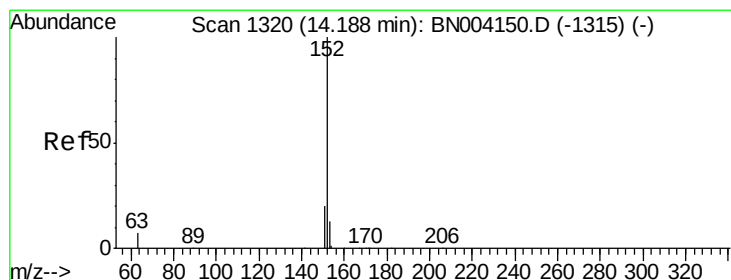
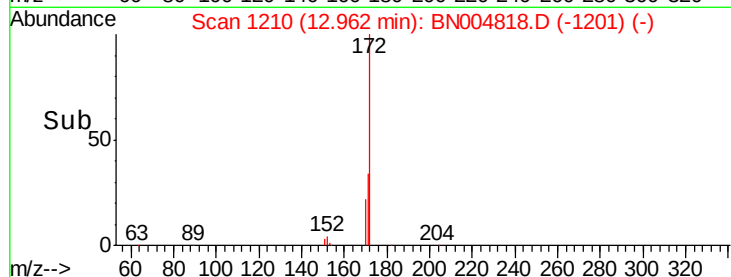
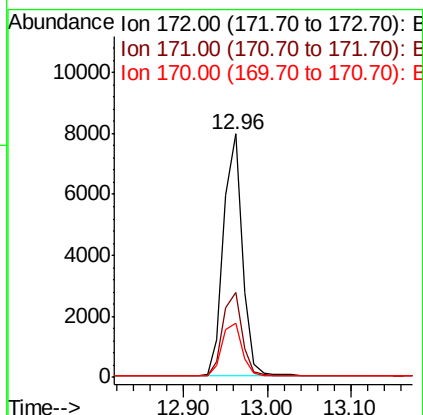
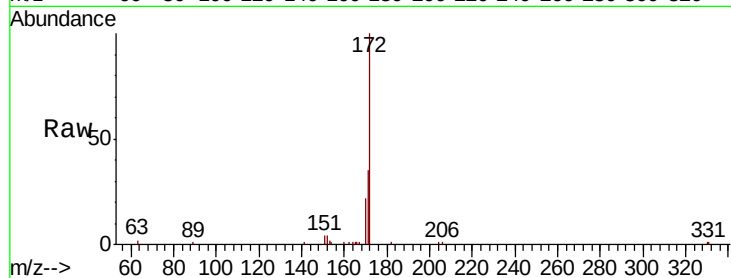




#15
2-Fluorobiphenyl
Concen: 0.826 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BN004818.D
Acq: 20 Mar 2019 12:55

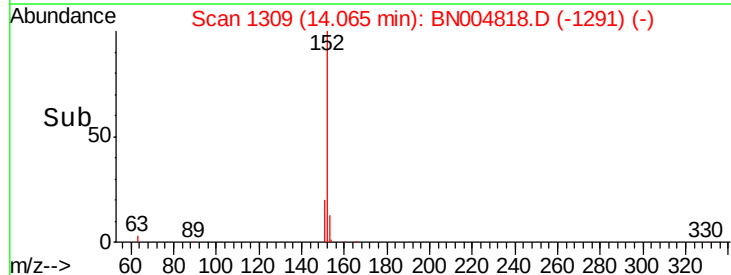
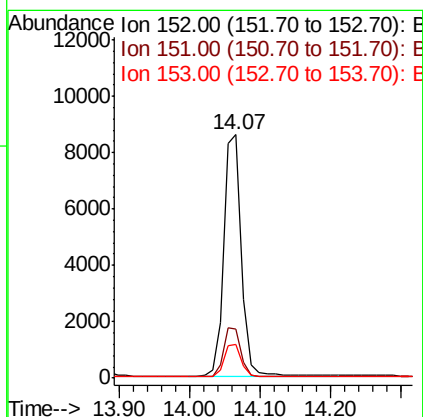
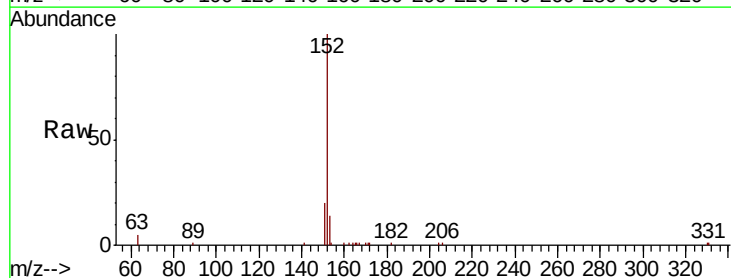
Instrument :
BNA_N
ClientSampled :
SSTDIC0.8

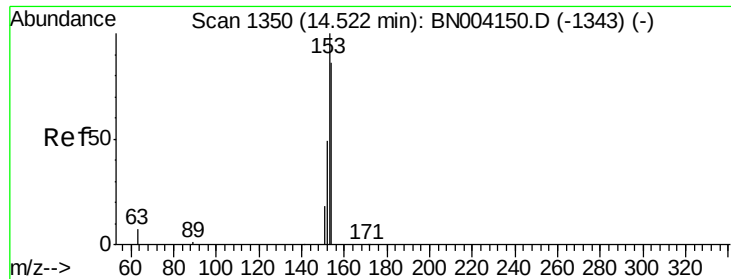
Tot Ion:172 Resp: 12416
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 22.1 18.7 28.1



#16
Acenaphthylene
Concen: 0.858 ng
RT: 14.07 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BN004818.D
Acq: 20 Mar 2019 12:55

Tgt Ion:152 Resp: 15200
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.866 ng

RT: 14.40 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

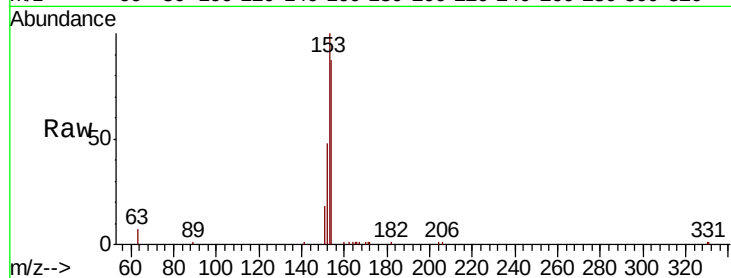
Tot Ion:154 Resp: 10054

Ion Ratio Lower Upper

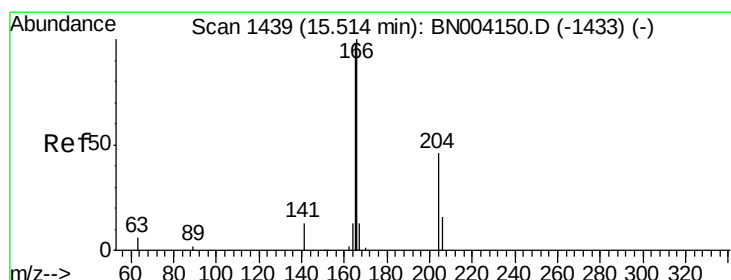
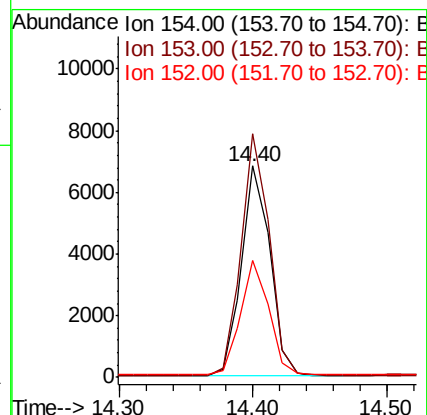
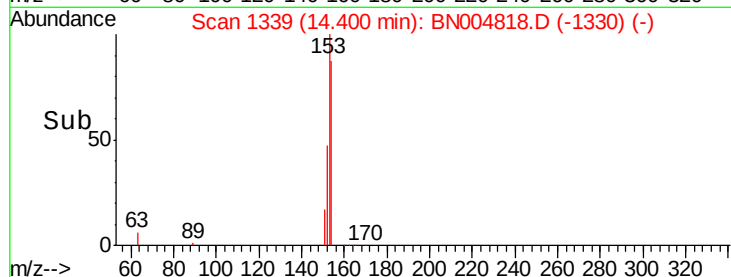
154 100

153 114.1 91.4 137.2

152 54.7 44.2 66.2



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: 0.955 ng

RT: 15.39 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

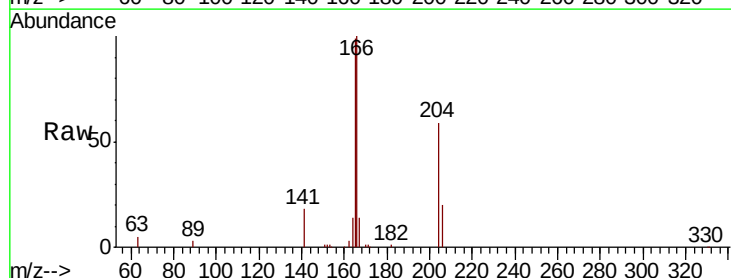
Tgt Ion:166 Resp: 14007

Ion Ratio Lower Upper

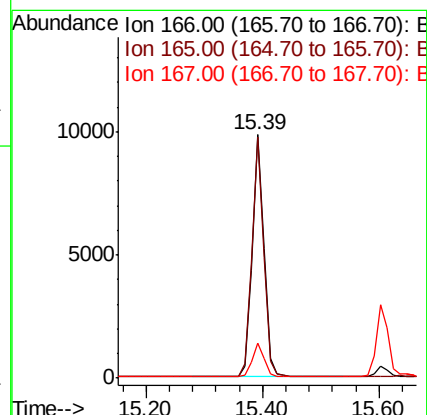
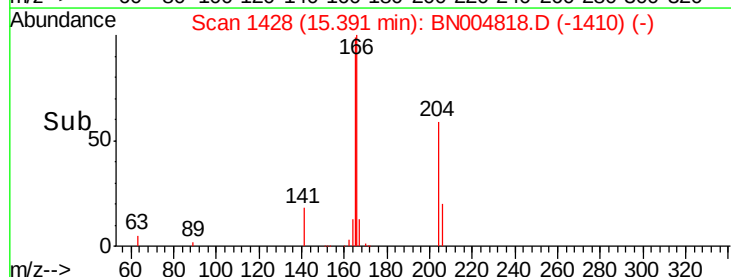
166 100

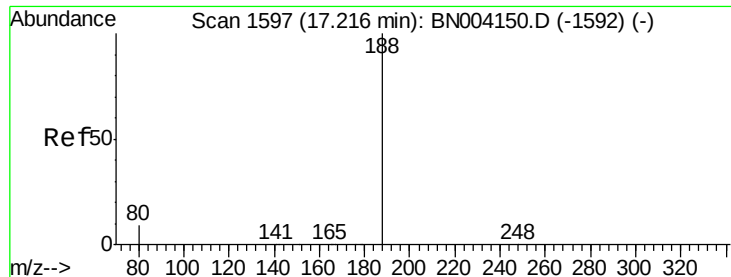
165 98.5 78.2 117.4

167 13.5 11.0 16.4



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: 17.09 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

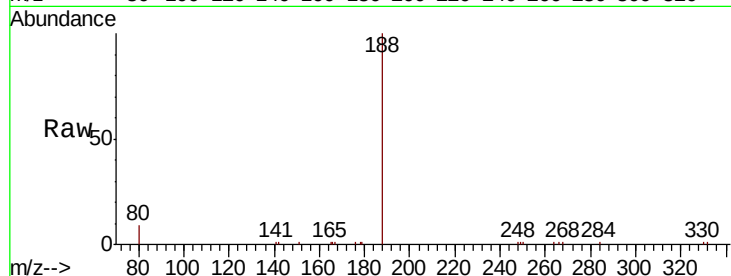
Tot Ion:188 Resp: 9701

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

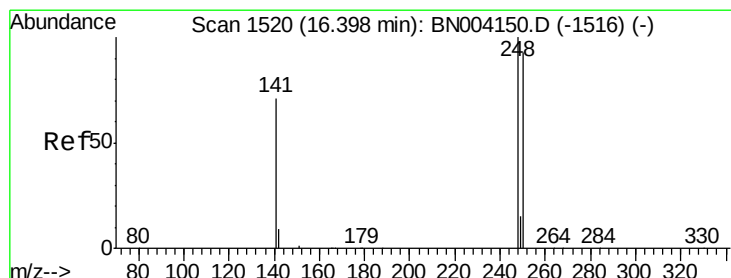
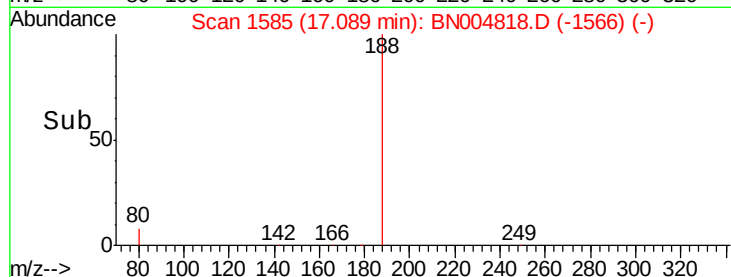
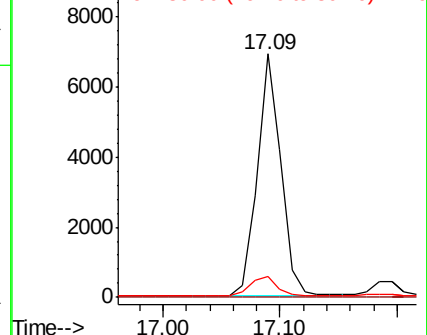
80 8.6 7.4 11.2



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: 0.926 ng

RT: 16.28 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

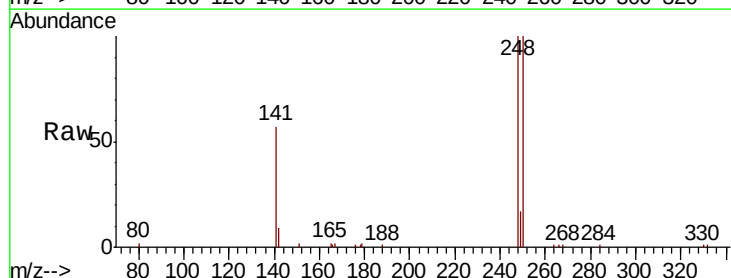
Tgt Ion:248 Resp: 4984

Ion Ratio Lower Upper

248 100

250 99.9 76.2 114.4

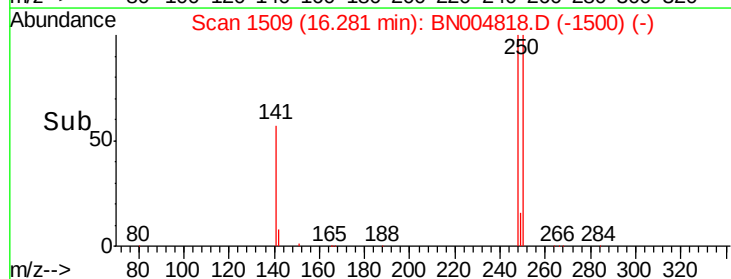
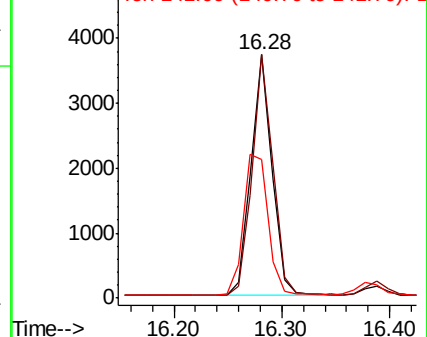
141 57.2 53.9 80.9

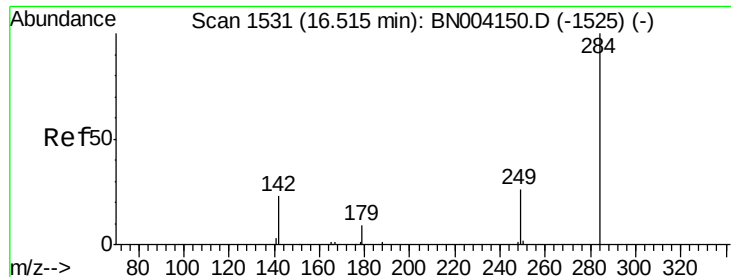


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.932 ng

RT: 16.39 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

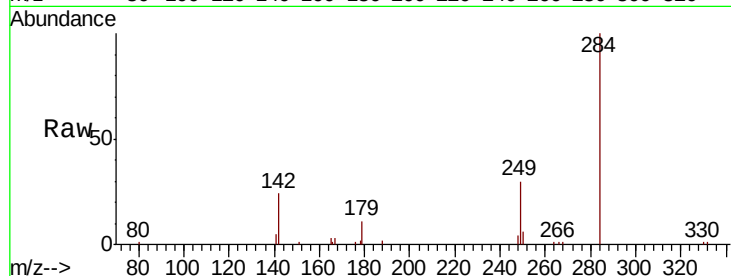
Tot Ion:284 Resp: 5695

Ion Ratio Lower Upper

284 100

142 29.0 22.6 34.0

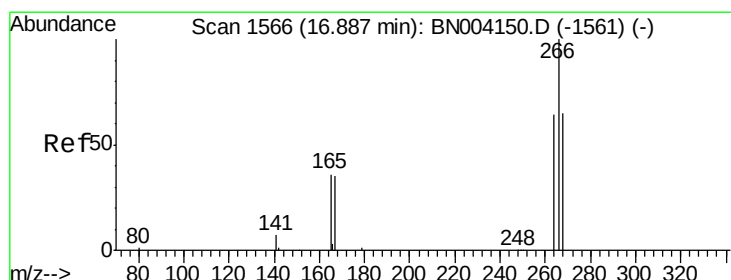
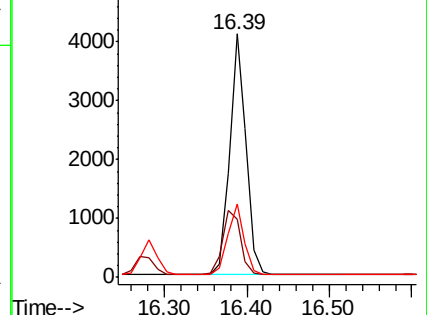
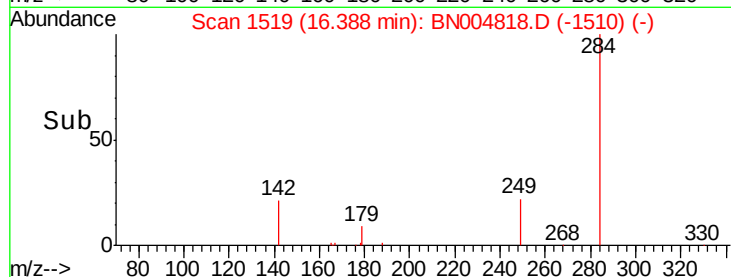
249 28.9 22.5 33.7



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: 0.787 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

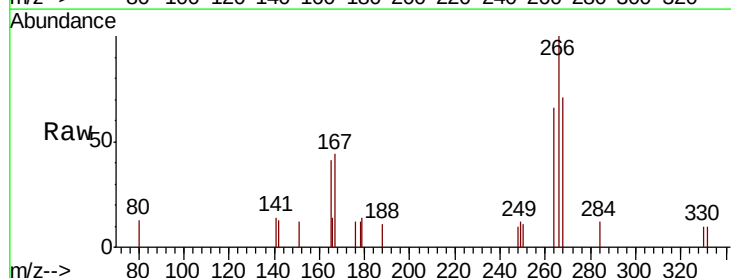
Tgt Ion:266 Resp: 881

Ion Ratio Lower Upper

266 100

264 66.4 53.1 79.7

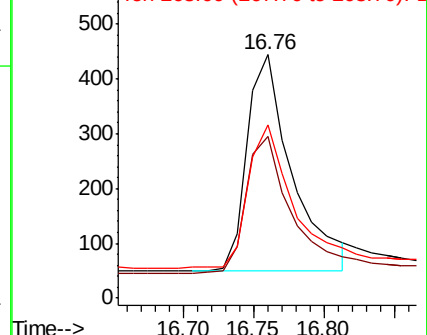
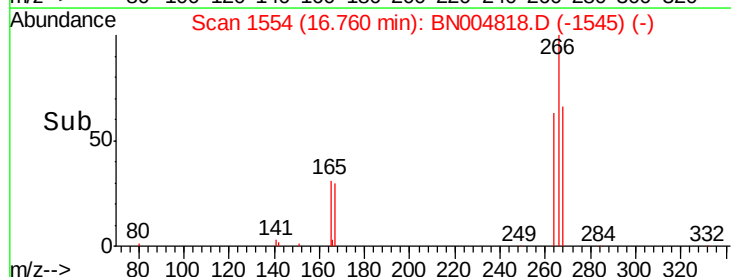
268 71.4 57.7 86.5

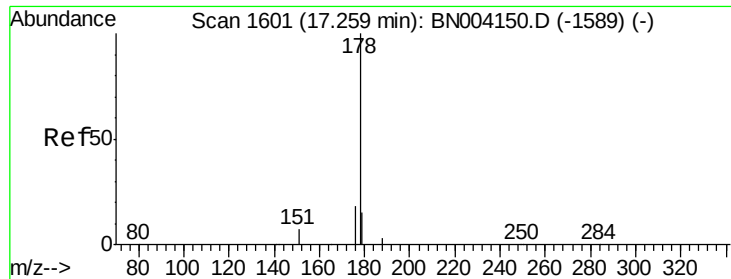


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.934 ng

RT: 17.13 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

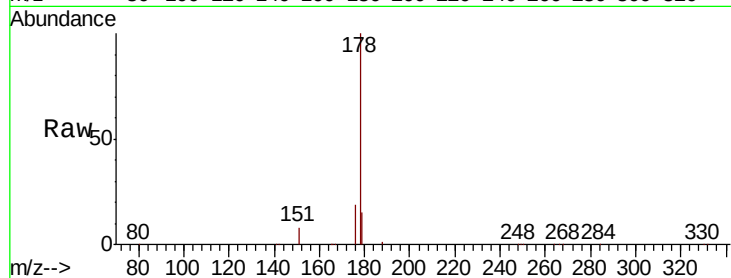
Tot Ion:178 Resp: 24476

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

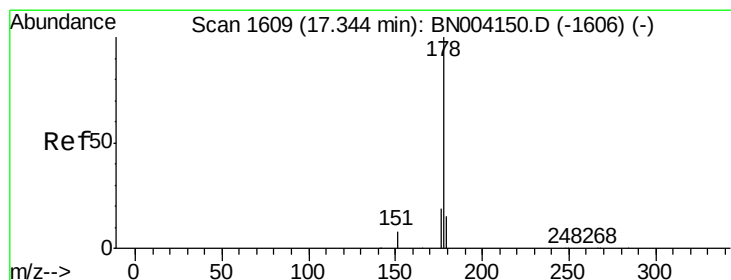
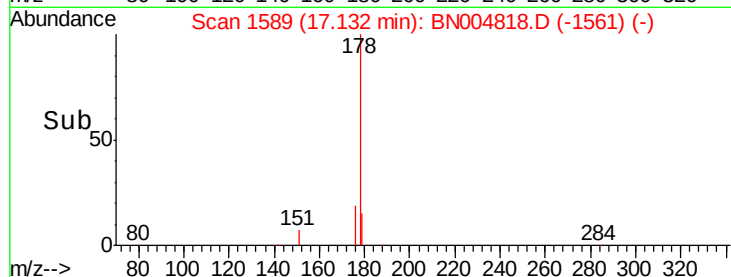
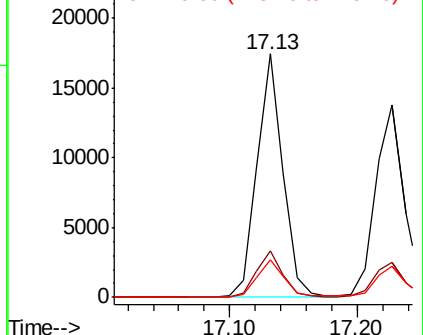
179 15.3 12.1 18.1



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: 0.898 ng

RT: 17.23 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

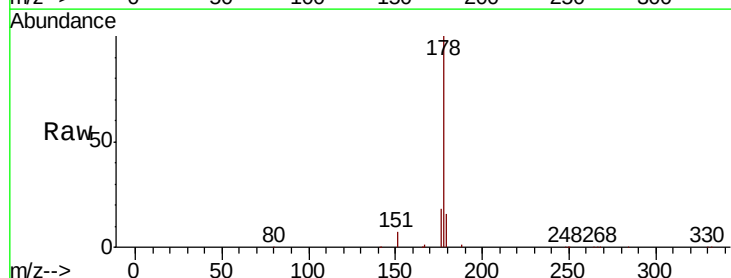
Tgt Ion:178 Resp: 21700

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

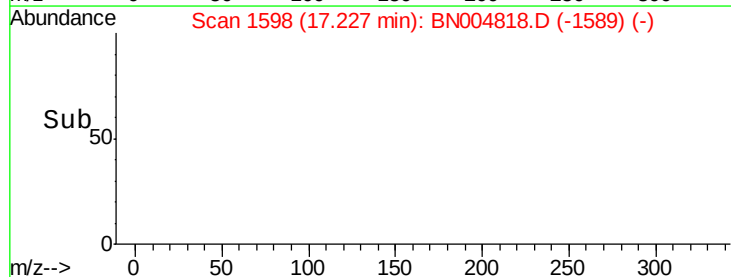
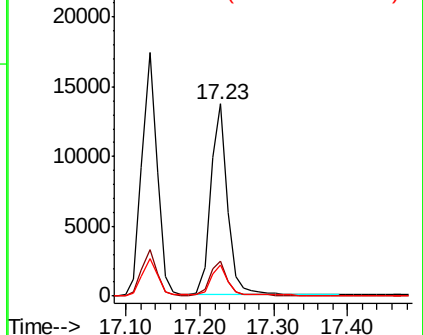
179 15.5 12.2 18.4

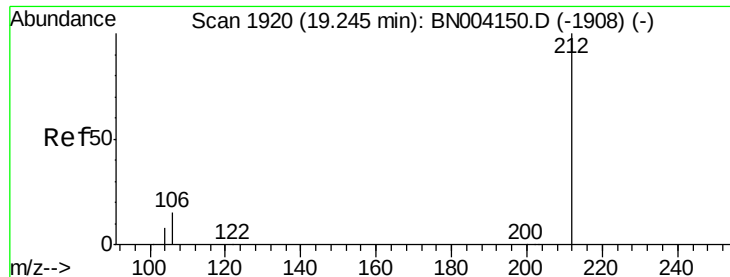


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.897 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

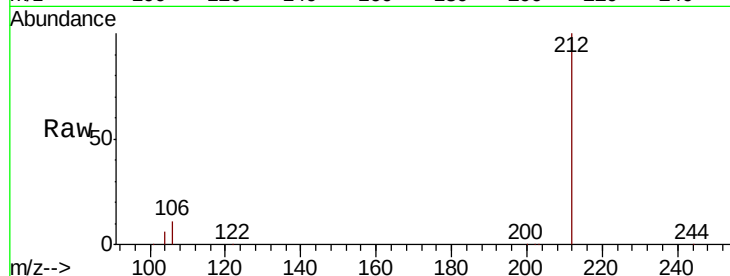
Tot Ion:212 Resp: 25639

Ion Ratio Lower Upper

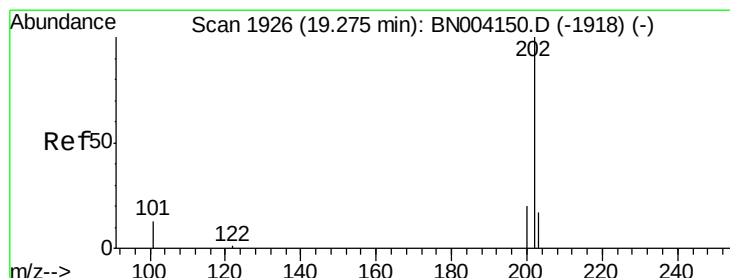
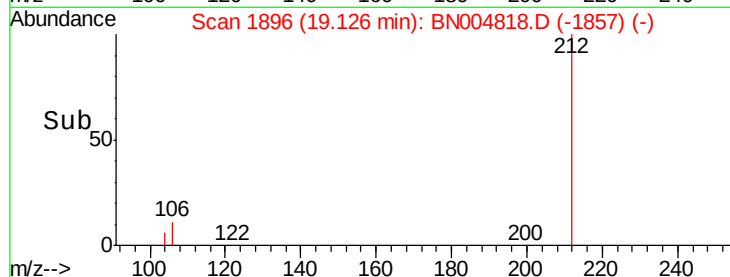
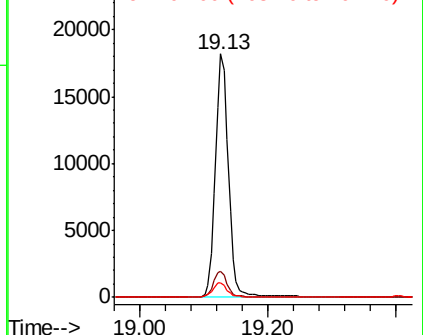
212 100

106 10.7 8.6 13.0

104 5.9 4.7 7.1



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: 1.017 ng

RT: 19.16 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

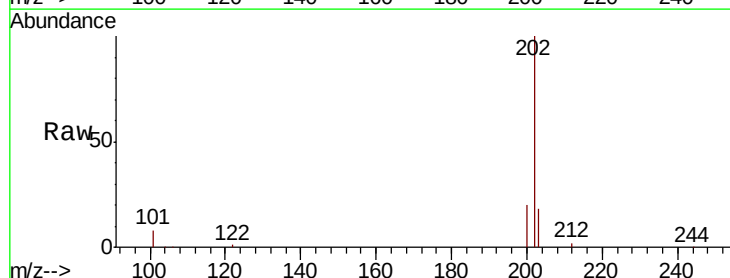
Tgt Ion:202 Resp: 31650

Ion Ratio Lower Upper

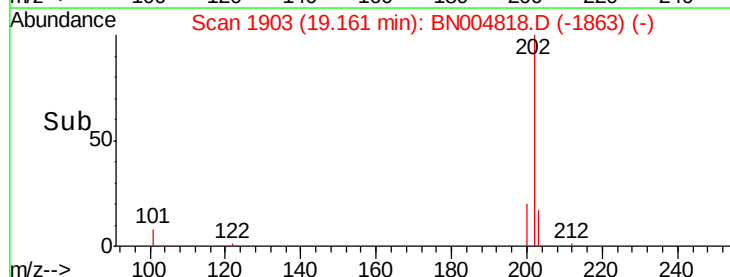
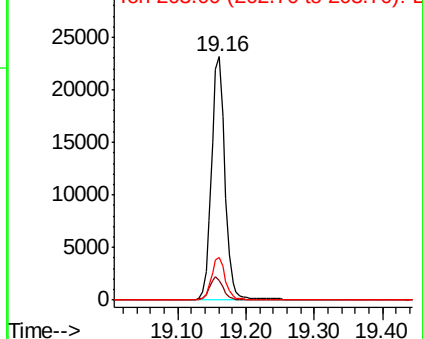
202 100

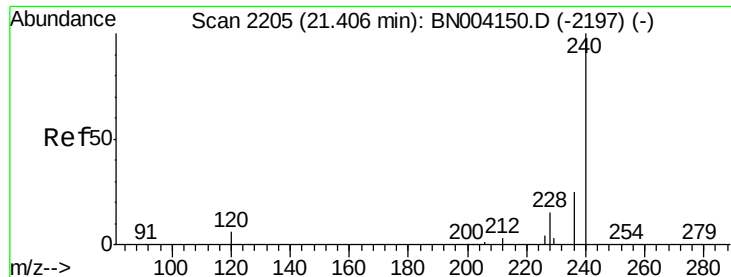
101 9.3 7.5 11.3

203 17.4 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: 21.29 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

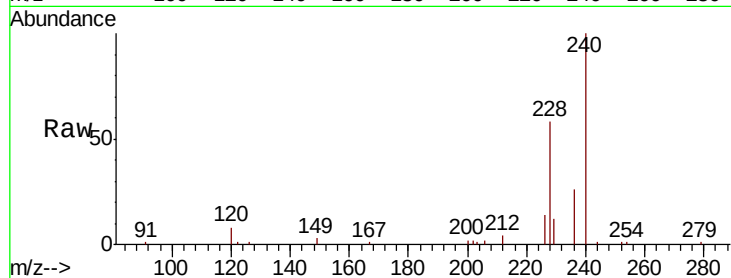
Tot Ion:240 Resp: 13691

Ion Ratio Lower Upper

240 100

120 8.0 7.2 10.8

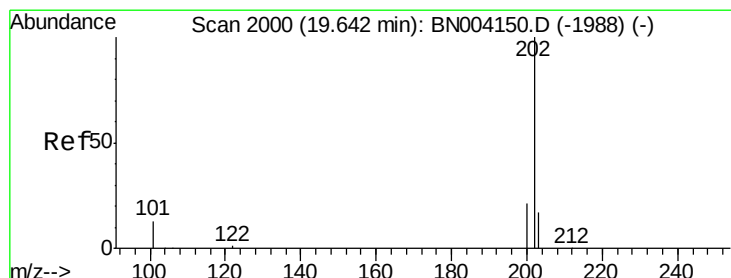
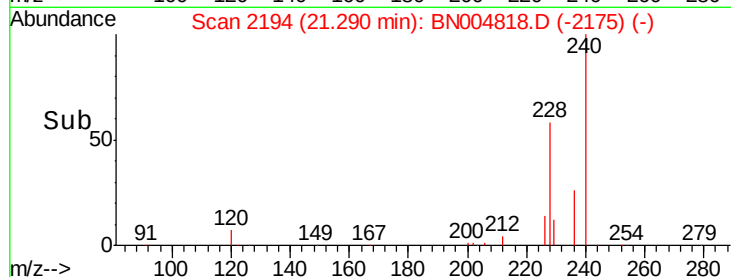
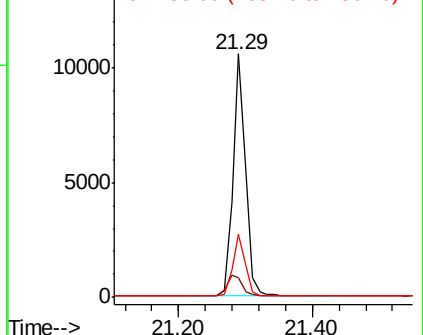
236 26.1 20.9 31.3



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: 0.752 ng

RT: 19.52 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

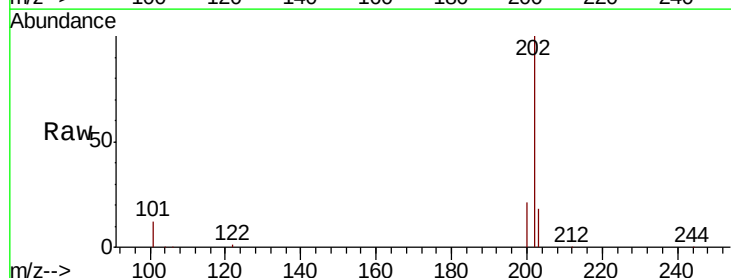
Tgt Ion:202 Resp: 32224

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

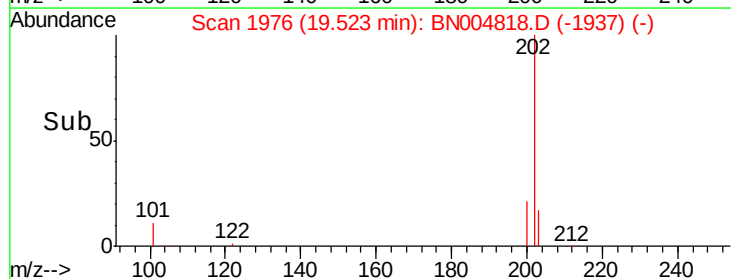
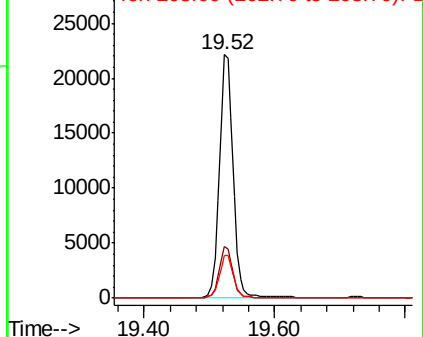
203 17.6 14.0 21.0

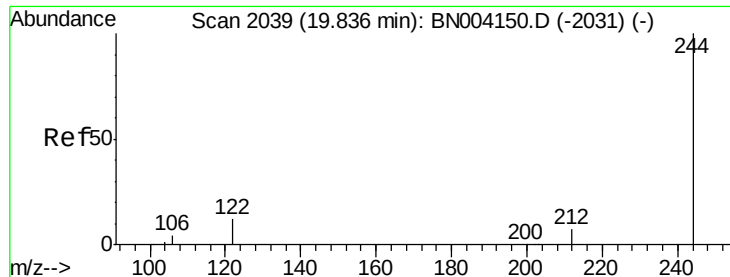


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.651 ng

RT: 19.73 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

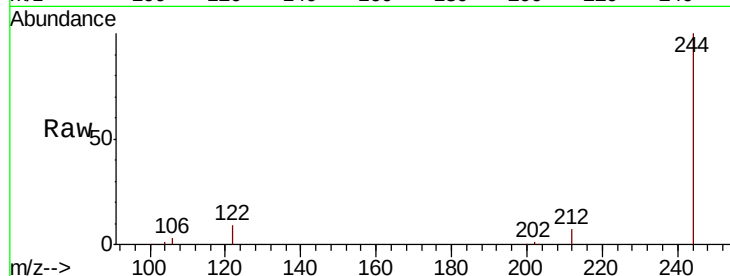
Tot Ion:244 Resp: 22059

Ion Ratio Lower Upper

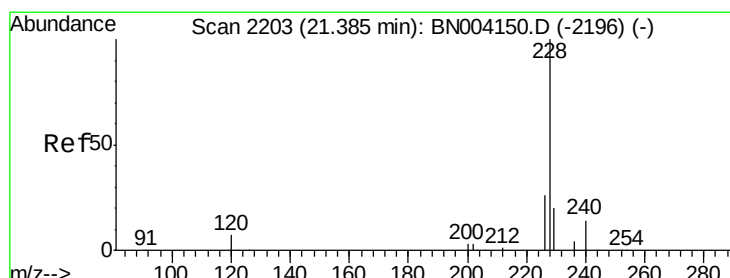
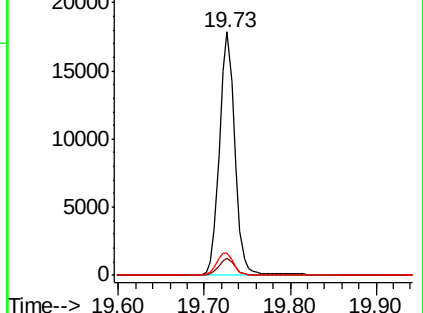
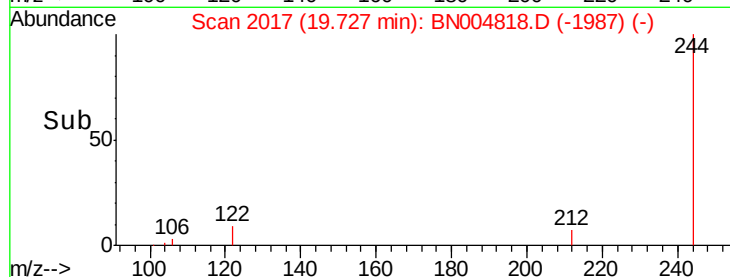
244 100

212 6.9 5.8 8.6

122 9.1 7.9 11.9



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: 0.897 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

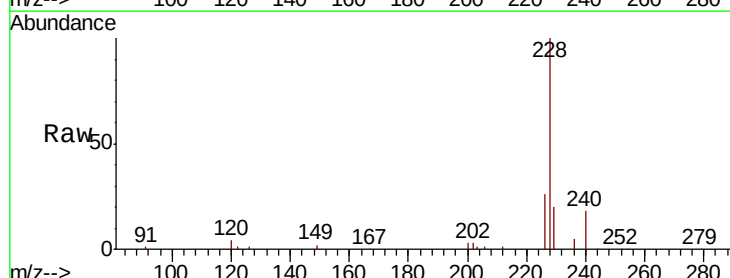
Tgt Ion:228 Resp: 34102

Ion Ratio Lower Upper

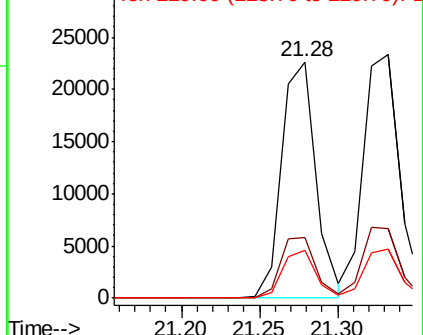
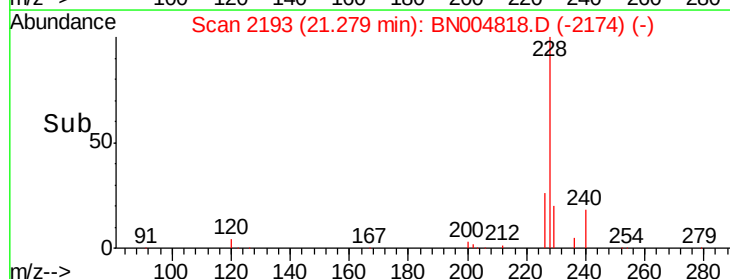
228 100

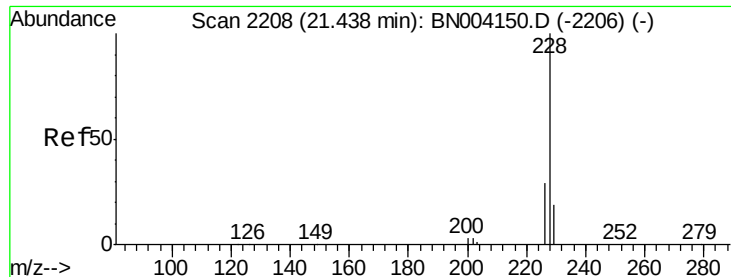
226 25.7 20.6 31.0

229 20.3 16.2 24.4



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: 0.959 ng

RT: 21.33 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

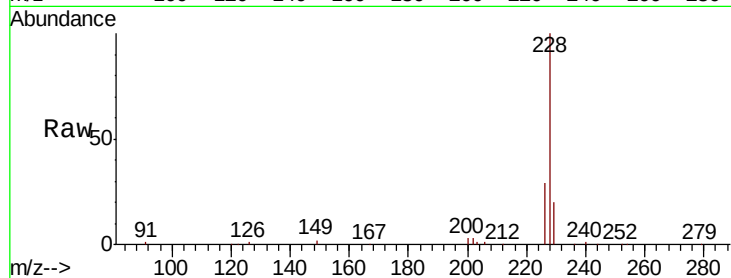
BNA_N

ClientSampleId :

SSTDICC0.8

Tot Ion:228 Resp: 37280

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	20.0	16.2	24.2

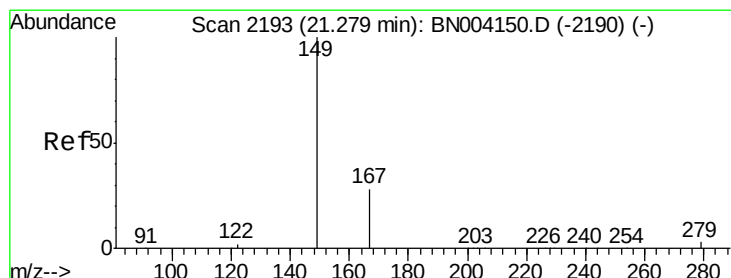
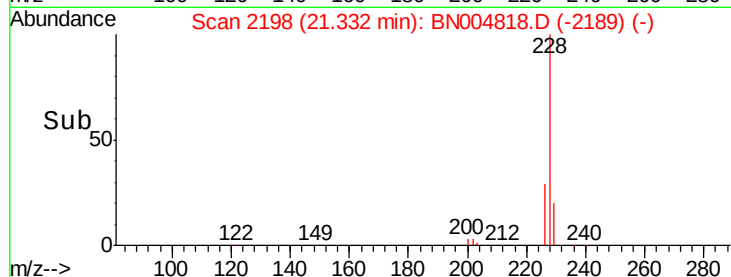
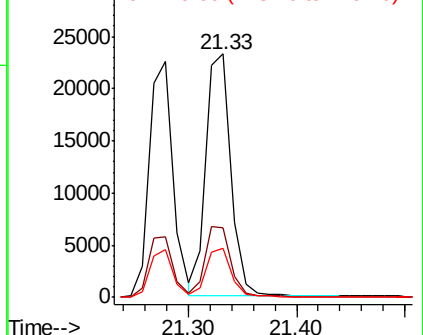


Abundance

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: 0.522 ng

RT: 21.18 min Scan# 2184

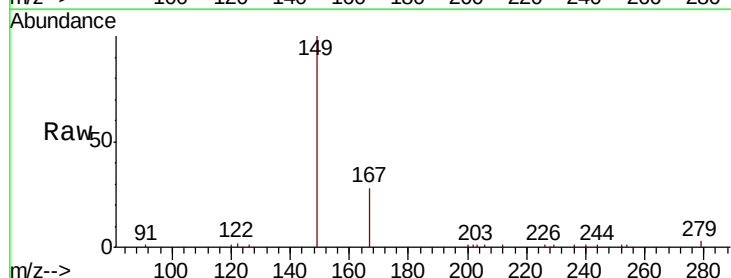
Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Tgt Ion:149 Resp: 12141

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.0	34.4
279	5.7	4.6	6.8

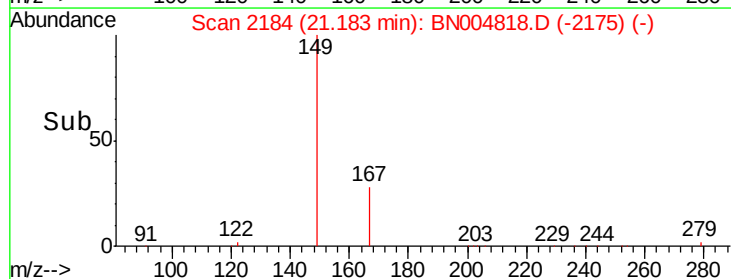
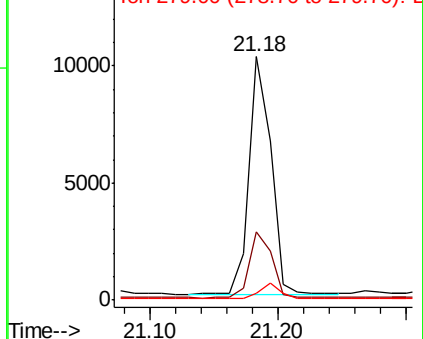


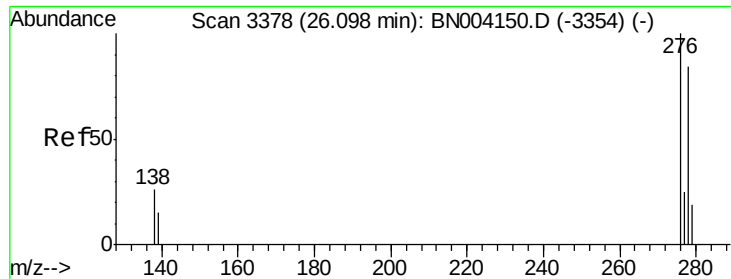
Abundance

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: 1.327 ng

RT: 25.81 min Scan# 3293

Delta R.T. -0.01 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

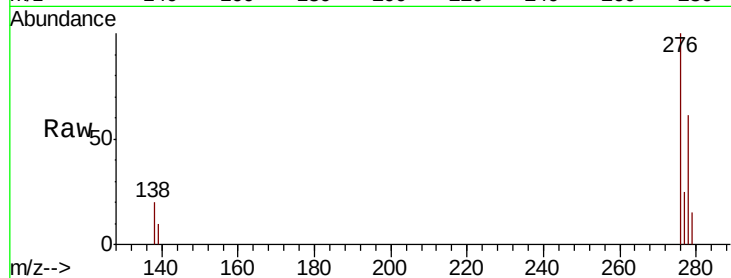
Tot Ion:276 Resp: 55014

Ion Ratio Lower Upper

276 100

138 20.9 16.6 24.8

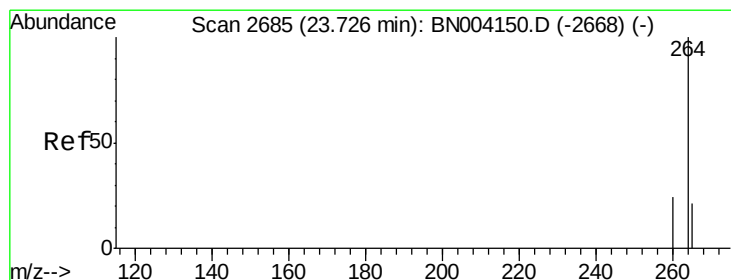
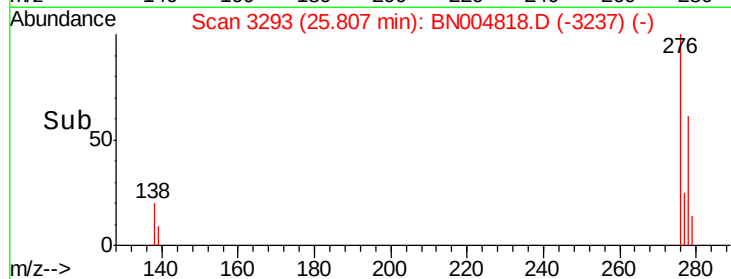
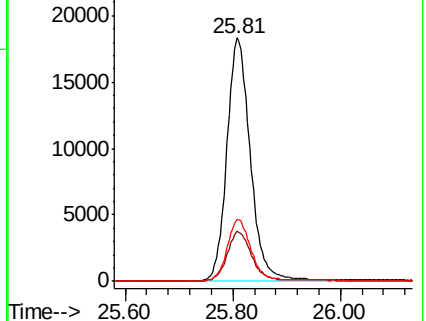
277 25.5 20.3 30.5



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: 23.55 min Scan# 2633

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

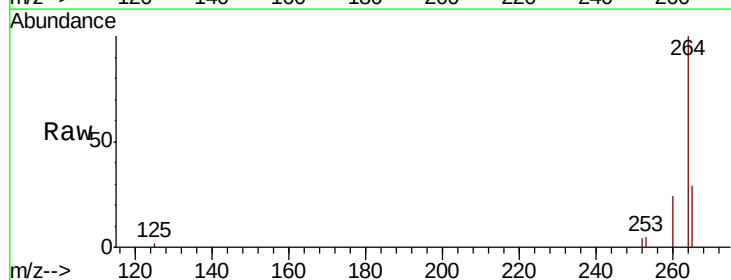
Tgt Ion:264 Resp: 14843

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

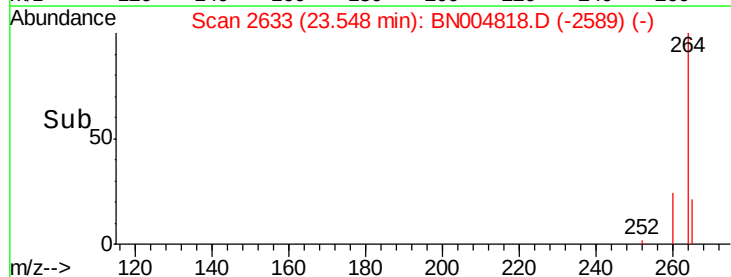
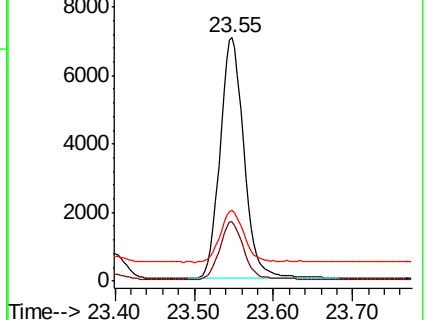
265 29.0 23.1 34.7

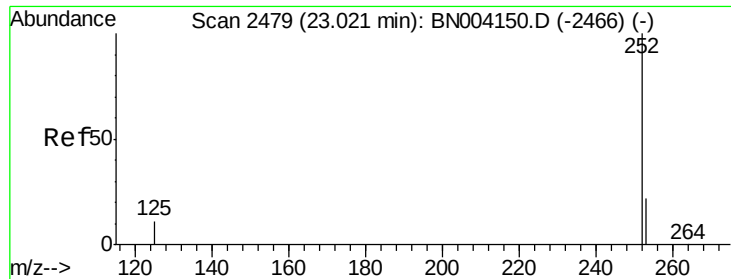


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.976 ng

RT: 22.86 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

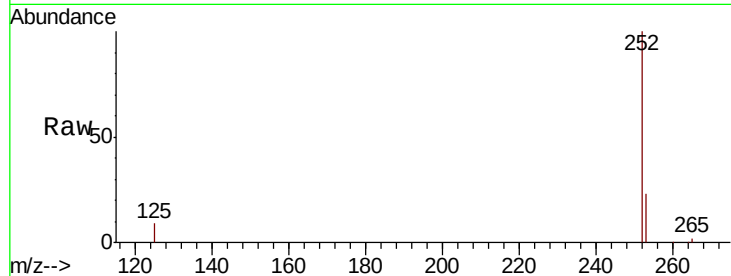
Tot Ion:252 Resp: 41687

Ion Ratio Lower Upper

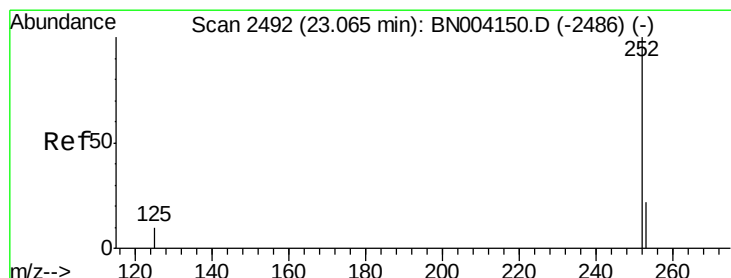
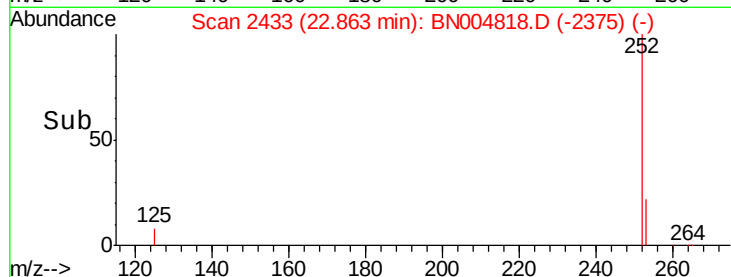
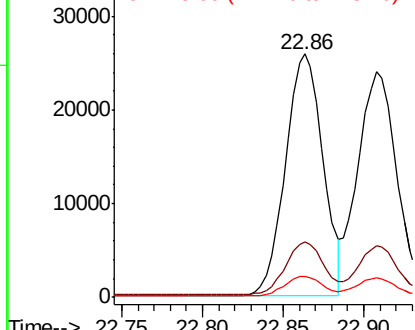
252 100

253 22.9 19.0 28.4

125 8.6 7.4 11.2



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: 0.924 ng

RT: 22.91 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

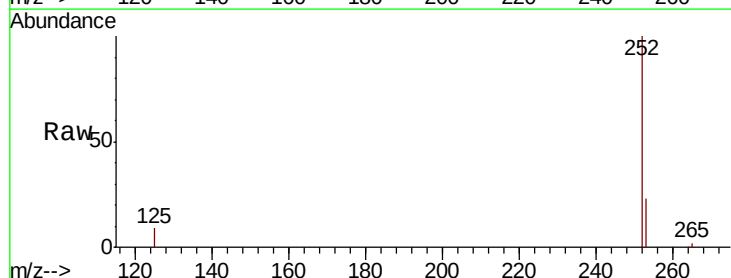
Tgt Ion:252 Resp: 41512

Ion Ratio Lower Upper

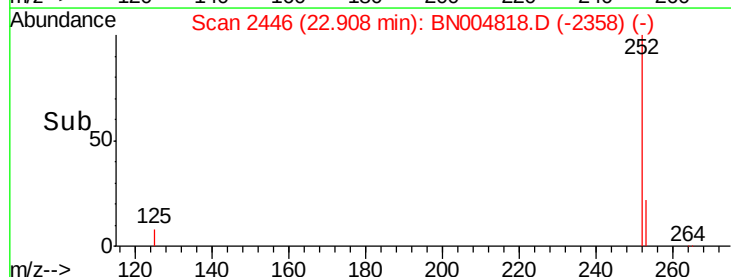
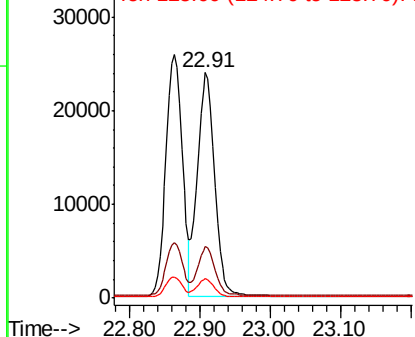
252 100

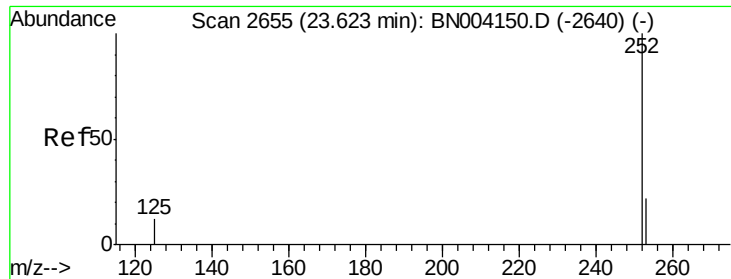
253 22.7 19.3 28.9

125 8.8 7.4 11.0



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

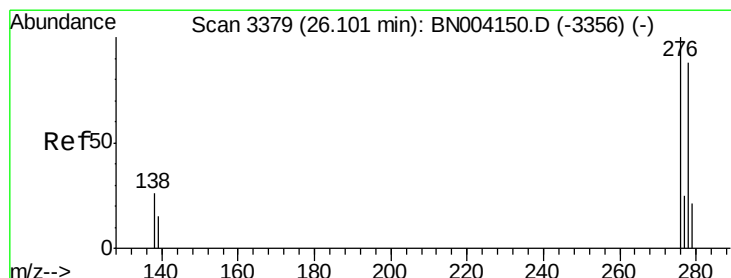
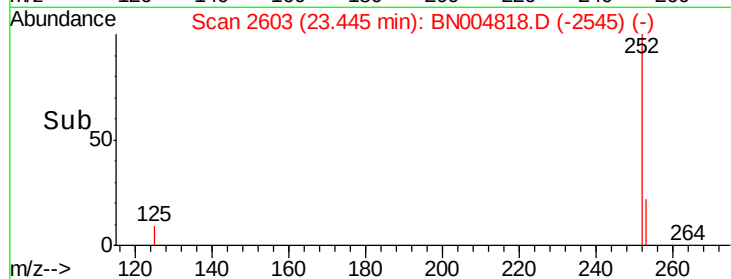
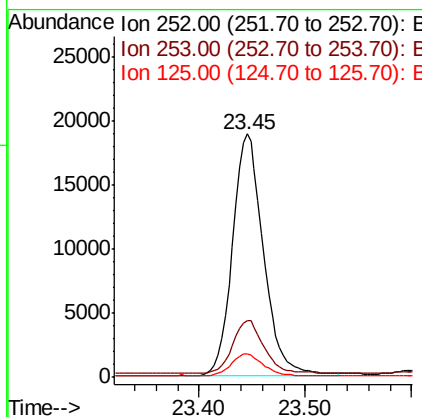
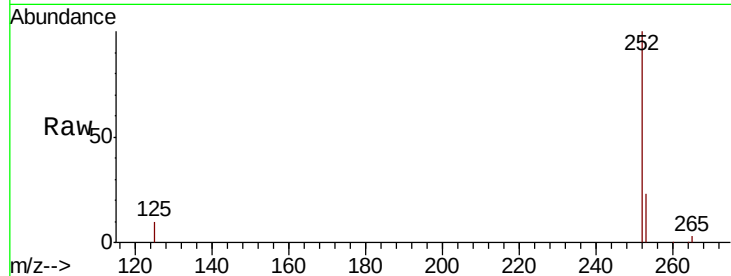




#37
Benzo(a)pyrene
Concen: 0.944 ng
RT: 23.45 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BN004818.D
Acq: 20 Mar 2019 12:55

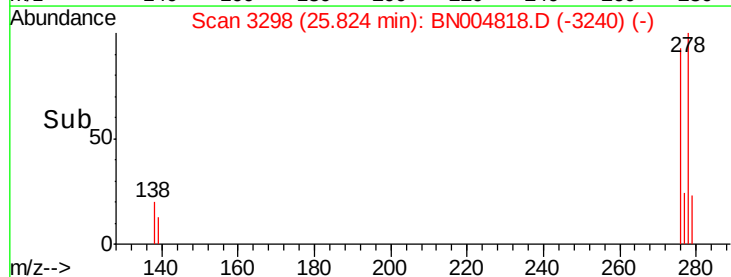
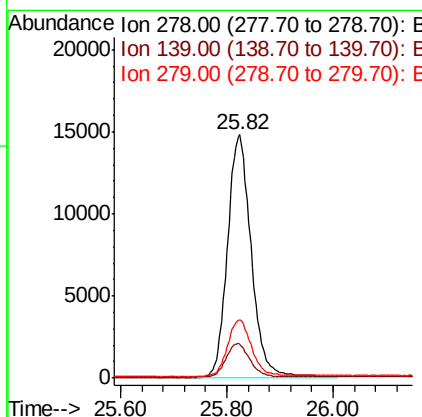
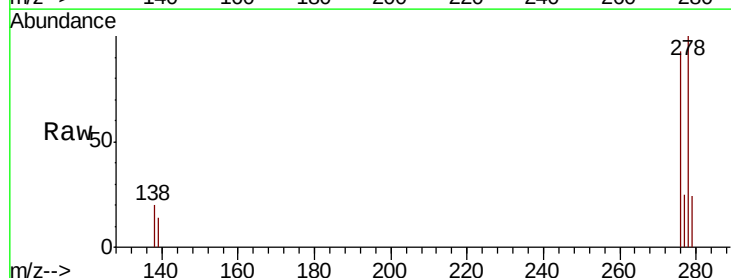
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

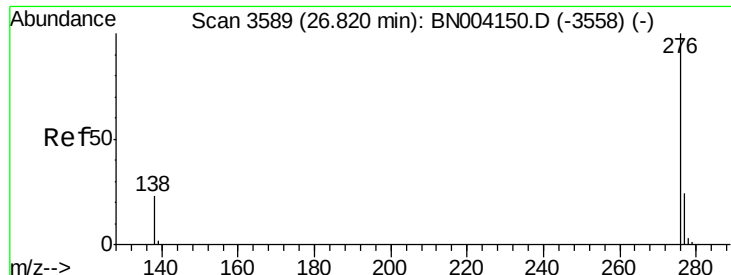
Tot Ion:252 Resp: 38149
Ion Ratio Lower Upper
252 100
253 23.3 19.7 29.5
125 9.7 8.3 12.5



#38
Dibenzo(a,h)anthracene
Concen: 1.130 ng
RT: 25.82 min Scan# 3298
Delta R.T. 0.00 min
Lab File: BN004818.D
Acq: 20 Mar 2019 12:55

Tgt Ion:278 Resp: 45686
Ion Ratio Lower Upper
278 100
139 13.9 11.7 17.5
279 24.1 19.9 29.9





#39

Benzo(a,h,i)perylene

Concen: 1.155 ng

RT: 26.51 min Scan# 3499

Delta R.T. -0.01 min

Lab File: BN004818.D

Acq: 20 Mar 2019 12:55

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

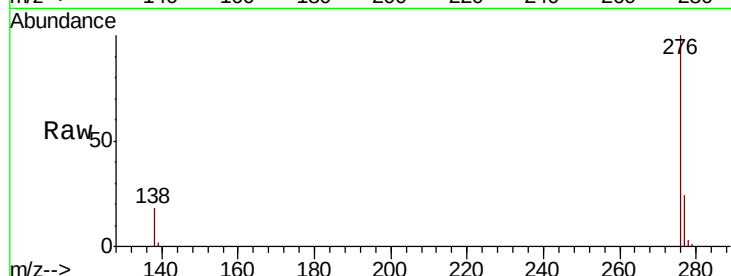
Tot Ion: 276 Resp: 46266

Ion Ratio Lower Upper

276 100

277 24.2 19.7 29.5

138 18.4 14.6 22.0



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

