

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004815.D
 Acq On : 20 Mar 2019 11:08
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Mar 20 13:49:24 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	1756	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	7420	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4744	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	12538	0.40	ng	0.00
27) Chrysene-d12	21.29	240	16702	0.40	ng	0.00
34) Perylene-d12	23.55	264	18686	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	519	0.09	ng	0.00
5) Phenol-d6	6.88	99	644	0.09	ng	0.00
8) Nitrobenzene-d5	8.87	82	528	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	1298	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	331	0.12	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	2070	0.11	ng	0.00
25) Fluoranthene-d10	19.13	212	4234	0.11	ng	0.00
29) Terphenyl-d14	19.73	244	3658	0.09	ng	0.00

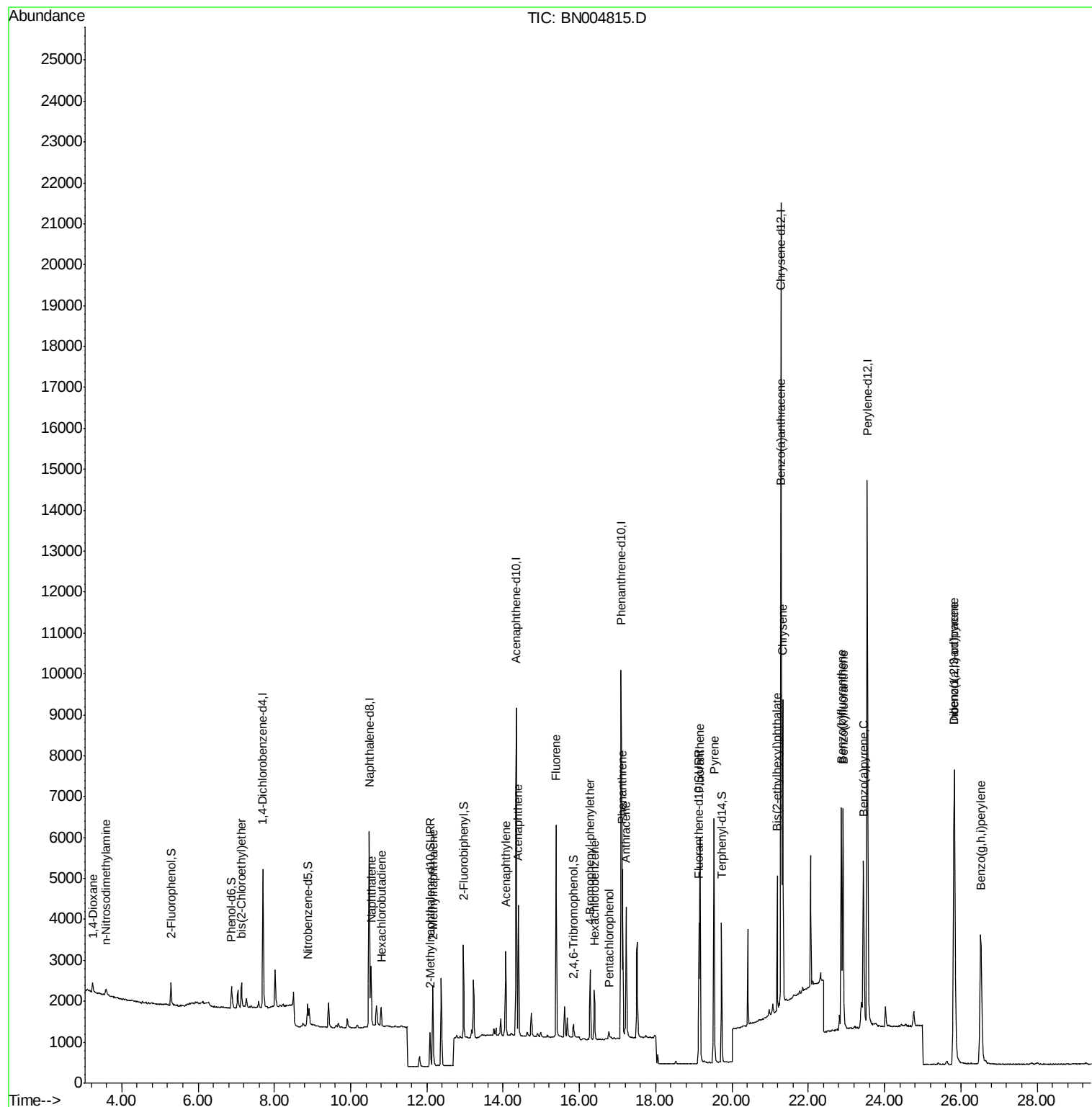
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	234	0.151	ng	95
3) n-Nitrosodimethylamine	3.58	42	117	0.143	ng	# 83
6) bis(2-Chloroethyl)ether	7.14	93	556	0.106	ng	97
9) Naphthalene	10.54	128	2197	0.119	ng	# 93
10) Hexachlorobutadiene	10.81	225	436	0.139	ng	# 97
12) 2-Methylnaphthalene	12.16	142	1591	0.119	ng	98
16) Acenaphthylene	14.07	152	2396	0.107	ng	100
17) Acenaphthene	14.40	154	1698	0.116	ng	99
18) Fluorene	15.39	166	2382	0.129	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	838	0.120	ng	95
21) Hexachlorobenzene	16.39	284	969	0.123	ng	97
22) Pentachlorophenol	16.77	266	154	0.106	ng	88
23) Phenanthrene	17.13	178	4244	0.125	ng	99
24) Anthracene	17.23	178	3702	0.119	ng	99
26) Fluoranthene	19.16	202	5459	0.136	ng	100
28) Pyrene	19.53	202	5712	0.109	ng	100
30) Benzo(a)anthracene	21.28	228	6185	0.133	ng	98
31) Chrysene	21.33	228	6254	0.132	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	3077	0.108	ng	100
33) Indeno(1,2,3-cd)pyrene	25.82	276	8960	0.177	ng	99
35) Benzo(b)fluoranthene	22.87	252	7062	0.131	ng	# 90
36) Benzo(k)fluoranthene	22.91	252	7092	0.125	ng	# 91
37) Benzo(a)pyrene	23.45	252	6543	0.129	ng	# 88
38) Dibenzo(a,h)anthracene	25.83	278	7380	0.145	ng	93
39) Benzo(g,h,i)perylene	26.52	276	7690	0.152	ng	96

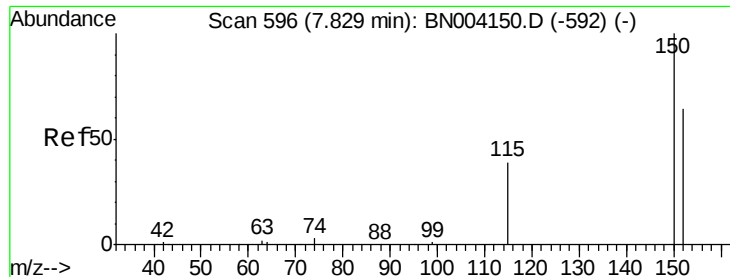
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
Data File : BN004815.D
Acq On : 20 Mar 2019 11:08
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Mar 20 13:49:24 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

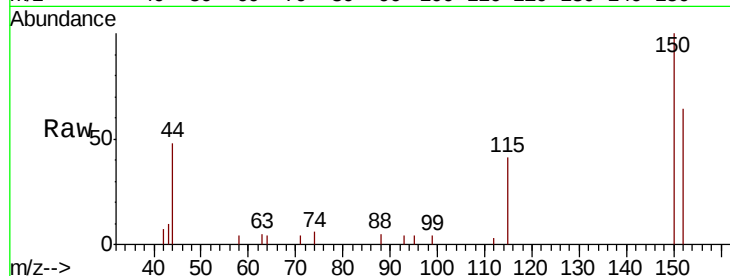
Tot Ion:152 Resp: 1756

Ion Ratio Lower Upper

152 100

150 156.0 126.2 189.4

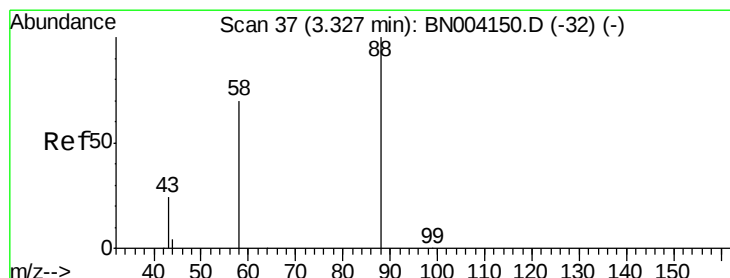
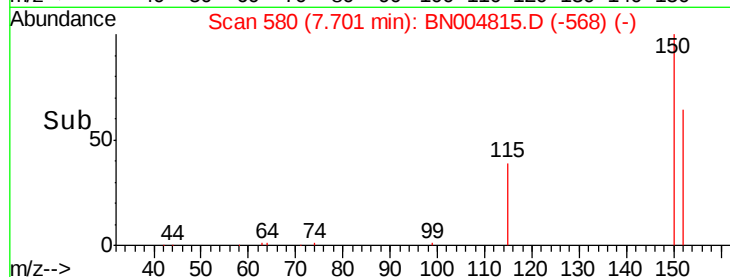
115 64.5 52.6 79.0



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: 0.151 ng

RT: 3.24 min Scan# 26

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

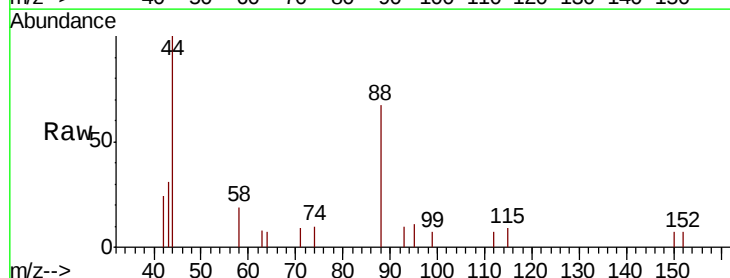
Tgt Ion: 88 Resp: 234

Ion Ratio Lower Upper

88 100

58 59.8 51.4 77.2

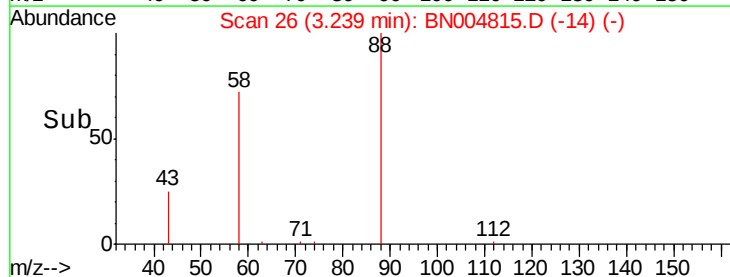
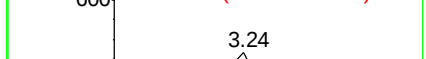
43 23.9 20.0 30.0

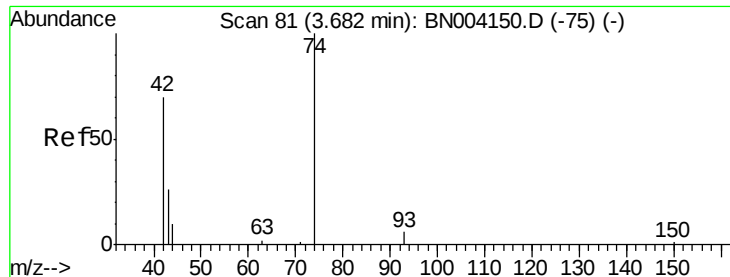


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.143 ng

RT: 3.58 min Scan# 68

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

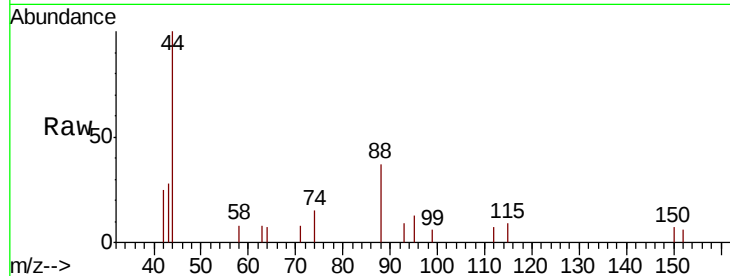
Tot Ion: 42 Resp: 117

Ion Ratio Lower Upper

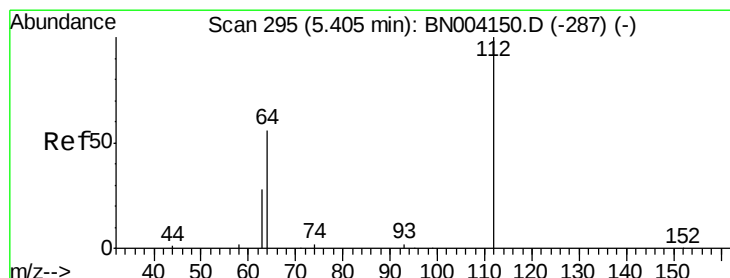
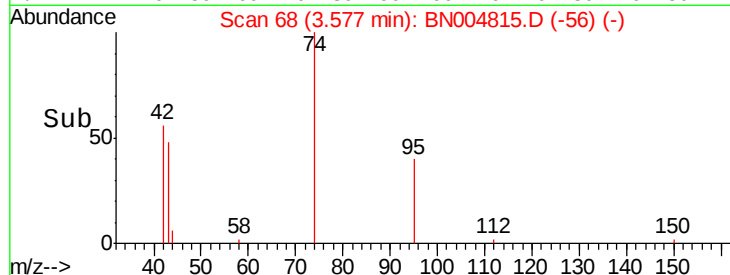
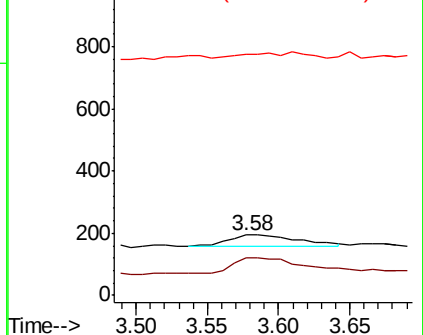
42 100

74 138.5 128.4 192.6

44 0.0 6.1 9.1#



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: 0.094 ng

RT: 5.29 min Scan# 281

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

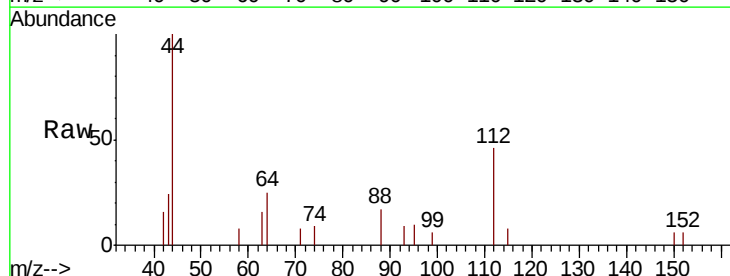
Tgt Ion: 112 Resp: 519

Ion Ratio Lower Upper

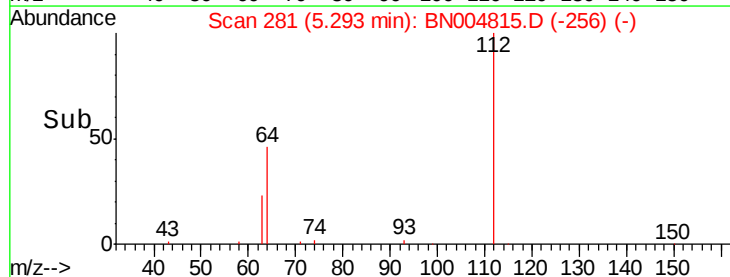
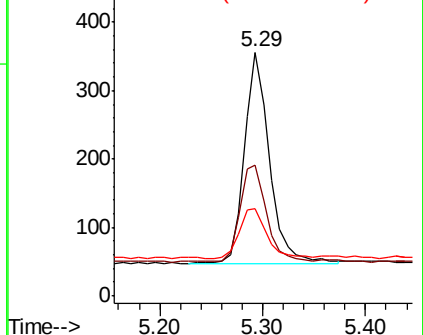
112 100

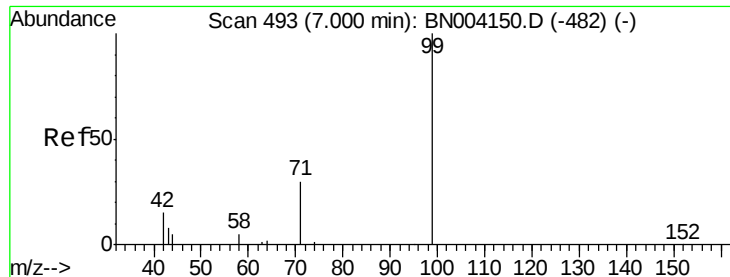
64 50.1 40.0 60.0

63 25.8 20.2 30.2



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: 0.089 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

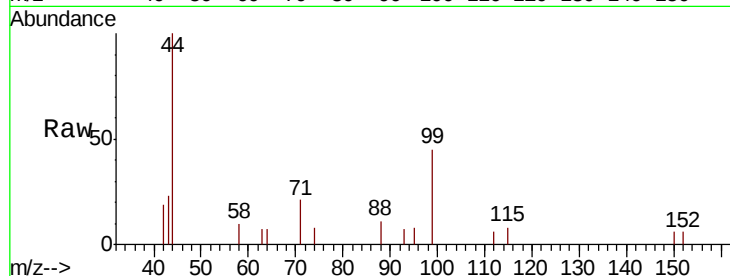
Tot Ion: 99 Resp: 644

Ion Ratio Lower Upper

99 100

42 17.1 12.7 19.1

71 35.1 26.6 40.0



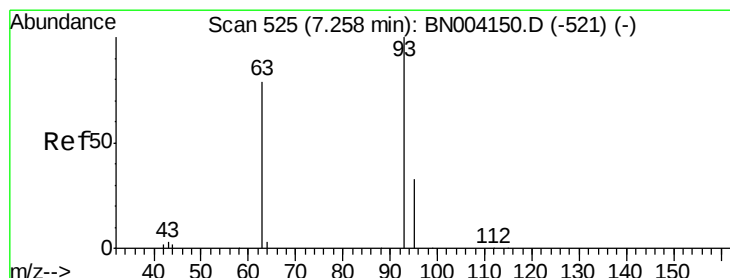
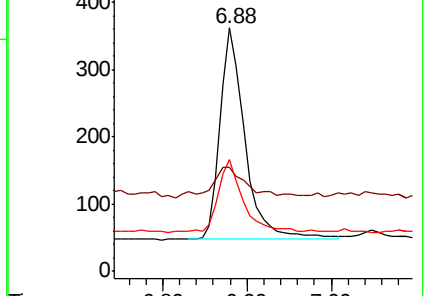
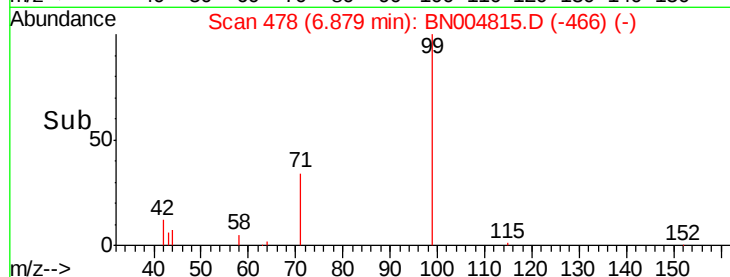
Abundance Ion 99.00 (98.70 to 99.70): BN004150.D (-482) (-)

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

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

6.88

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.106 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

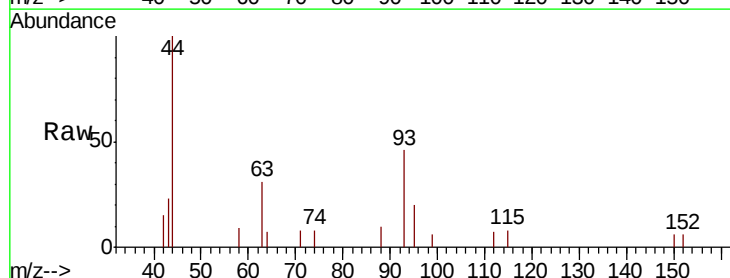
Tgt Ion: 93 Resp: 556

Ion Ratio Lower Upper

93 100

63 61.9 52.6 78.8

95 32.4 25.9 38.9



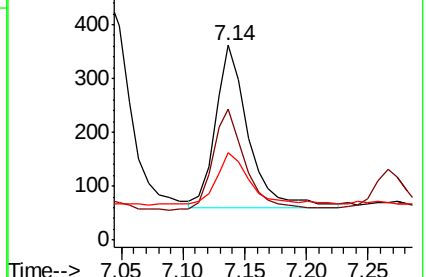
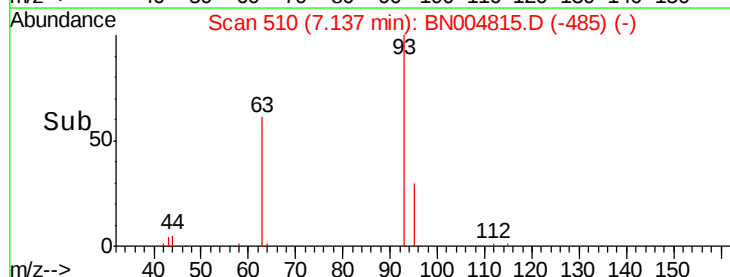
Abundance Ion 93.00 (92.70 to 93.70): BN004150.D (-521) (-)

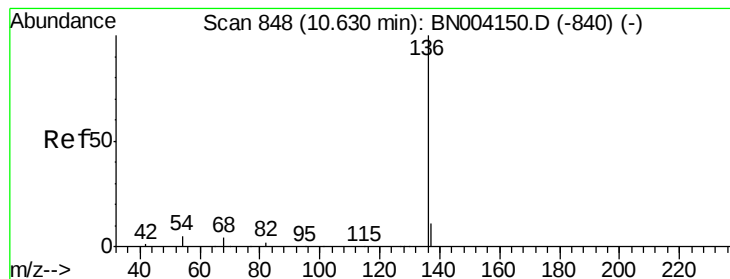
Ion 63.00 (62.70 to 63.70): BN004150.D (-521) (-)

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

7.14

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 7420

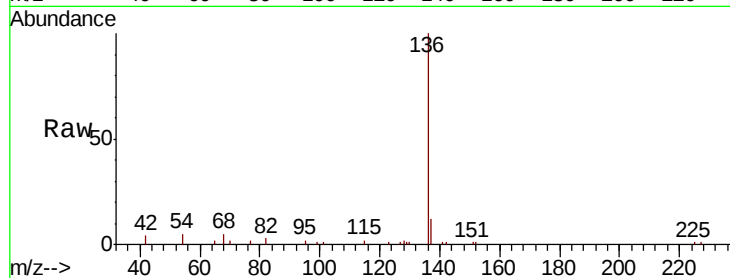
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 4.9 4.2 6.2

68 4.7 3.9 5.9

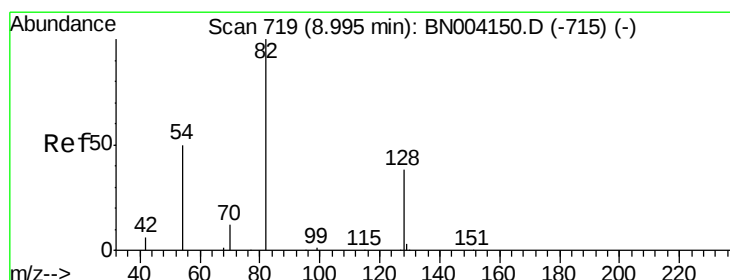
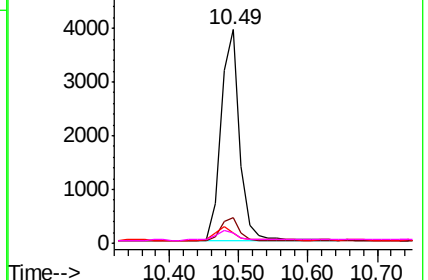
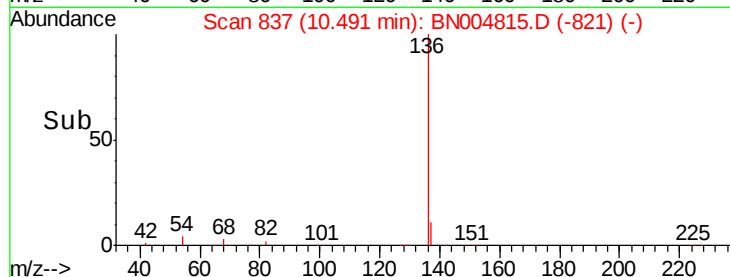


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.111 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

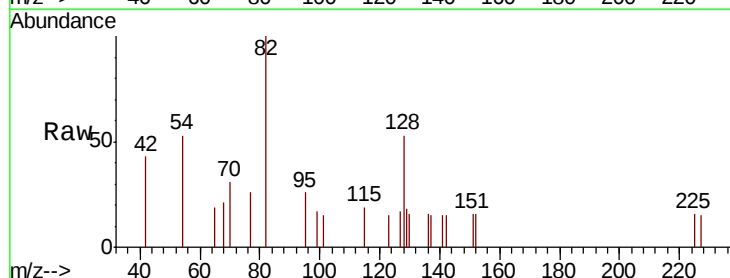
Tgt Ion: 82 Resp: 528

Ion Ratio Lower Upper

82 100

128 52.7 43.0 64.6

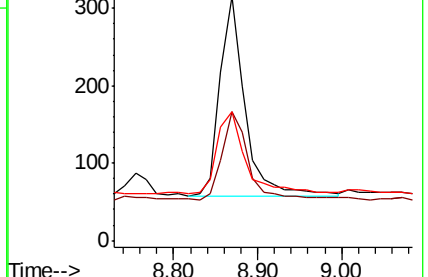
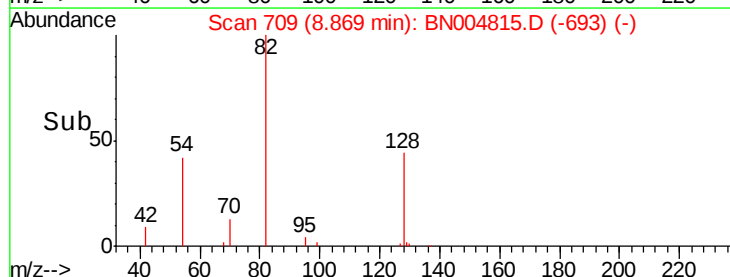
54 52.7 35.3 52.9

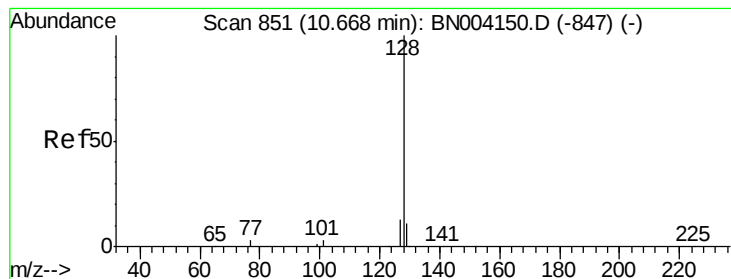


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.119 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

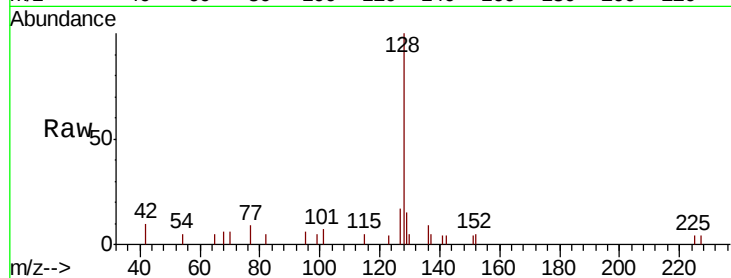
Tot Ion:128 Resp: 2197

Ion Ratio Lower Upper

128 100

129 15.2 9.9 14.9#

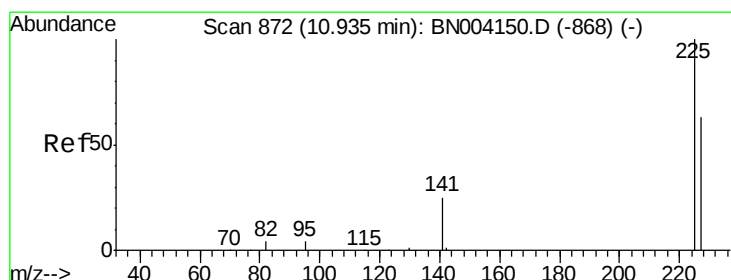
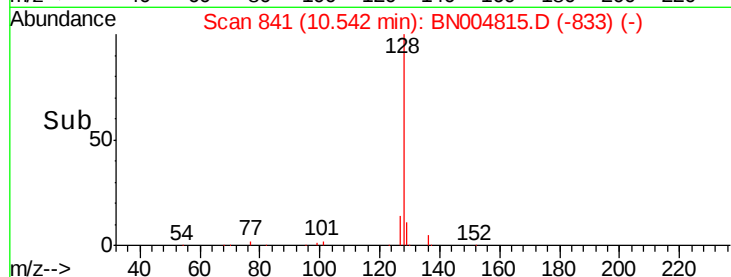
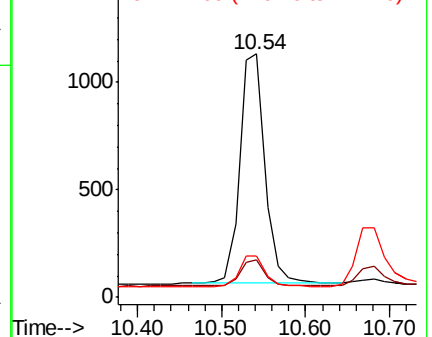
127 17.1 11.3 16.9#



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: 0.139 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

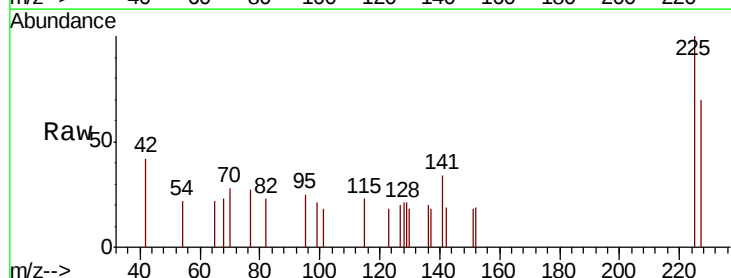
Tgt Ion:225 Resp: 436

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

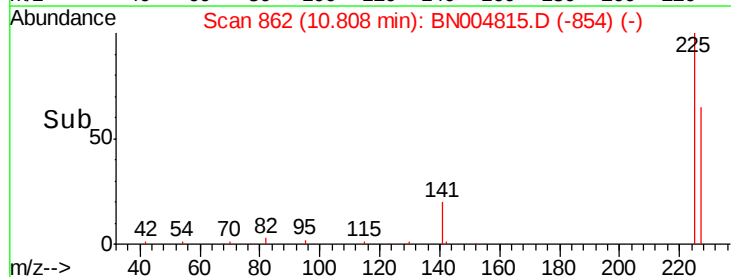
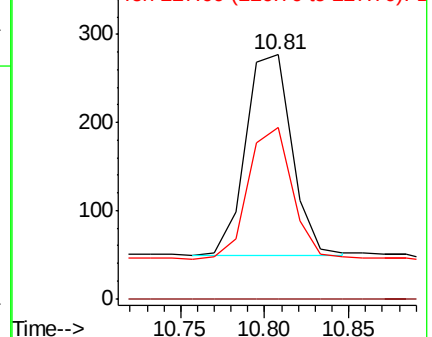
227 62.6 52.2 78.4

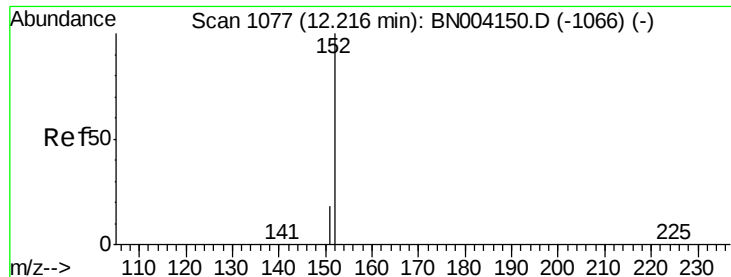


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.104 ng

RT: 12.08 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

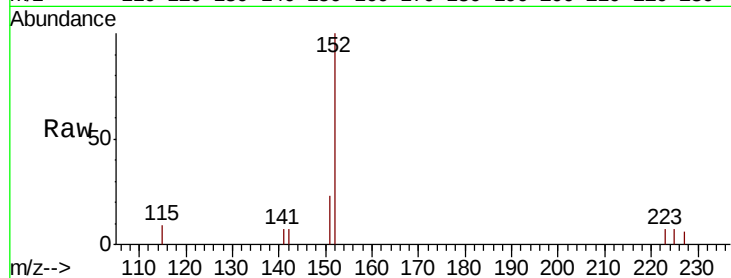
SSTDIC0.1

Tot Ion:152 Resp: 1298

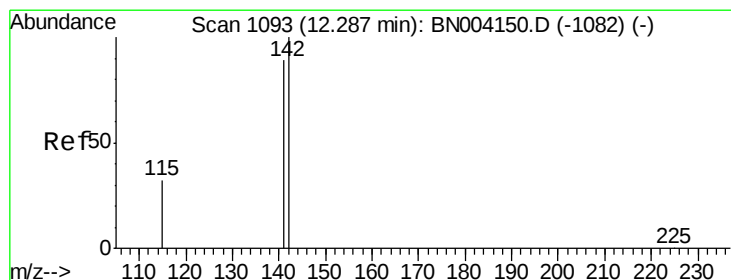
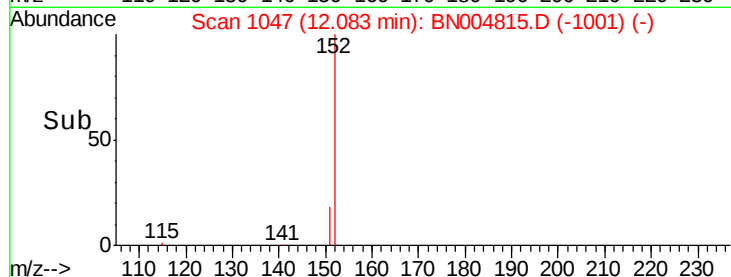
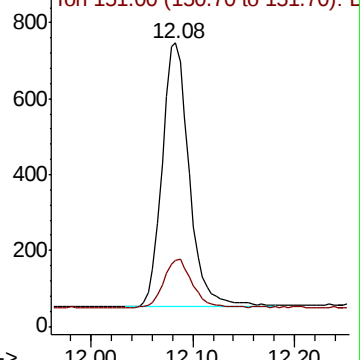
Ion Ratio Lower Upper

152 100

151 19.8 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.119 ng

RT: 12.16 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

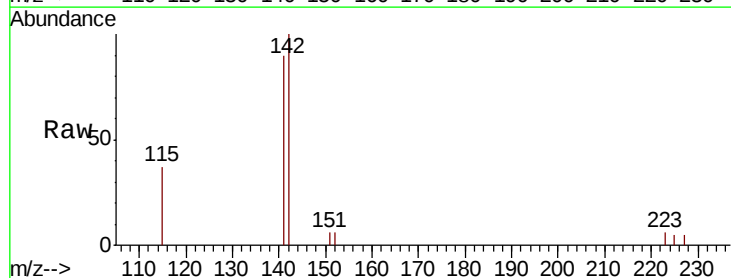
Tgt Ion:142 Resp: 1591

Ion Ratio Lower Upper

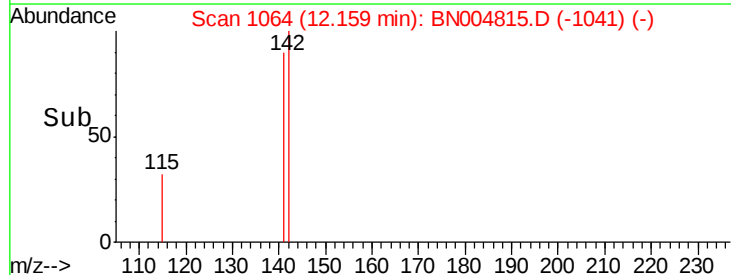
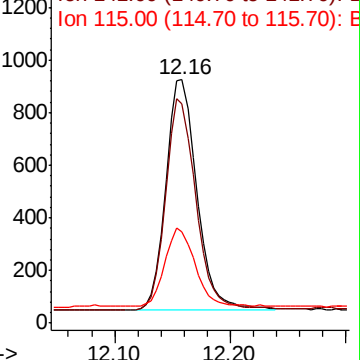
142 100

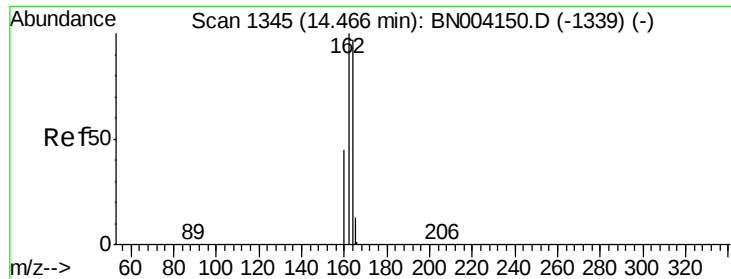
141 90.2 71.4 107.2

115 37.4 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

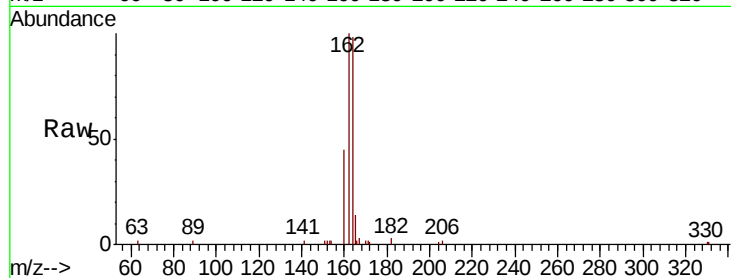
Tot Ion:164 Resp: 4744

Ion Ratio Lower Upper

164 100

162 101.6 81.9 122.9

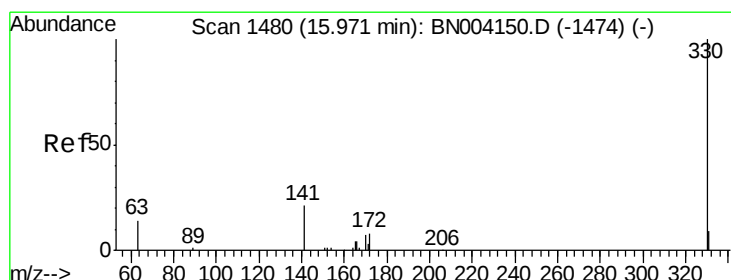
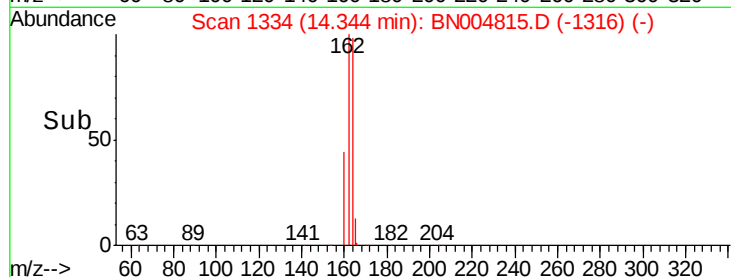
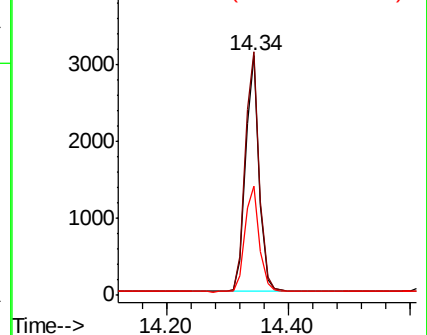
160 45.8 36.6 54.8



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: 0.117 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

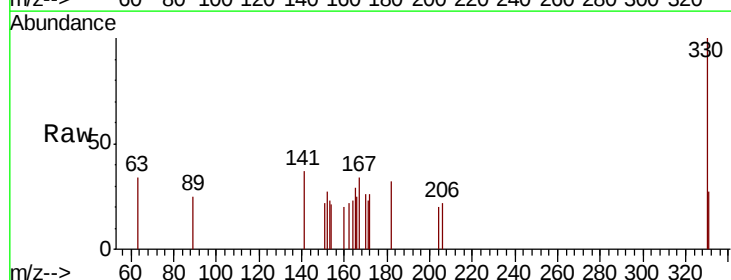
Tgt Ion:330 Resp: 331

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

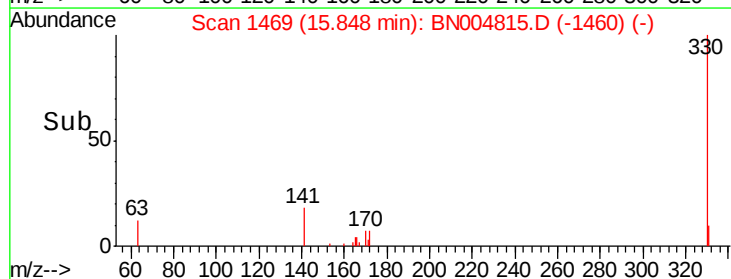
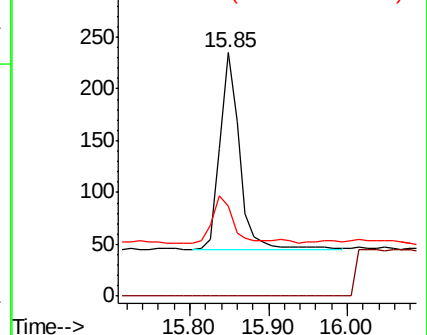
141 24.5 20.9 31.3

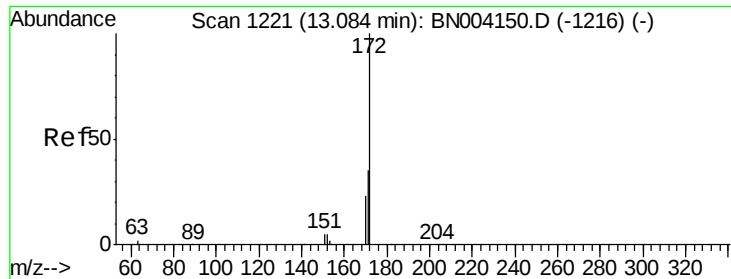


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

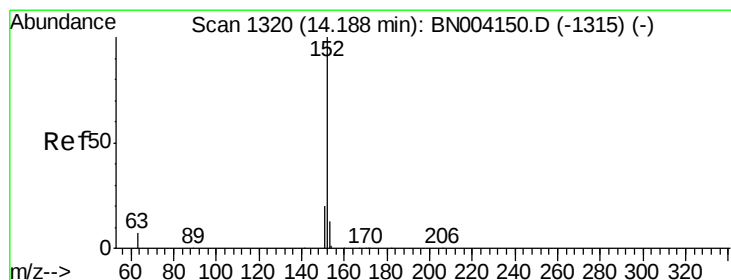
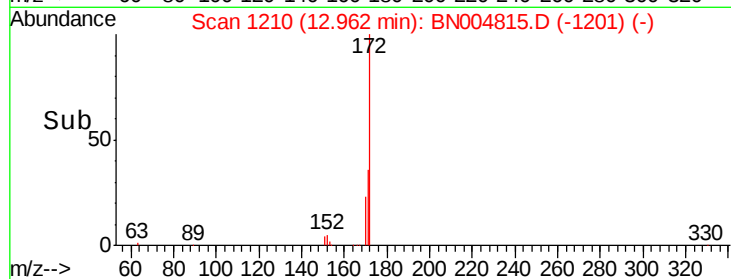
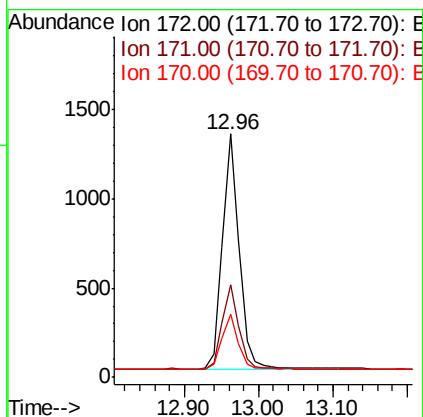
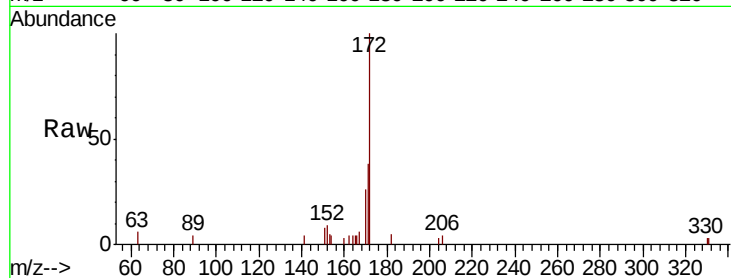




#15
2-Fluorobiphenyl
Concen: 0.109 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

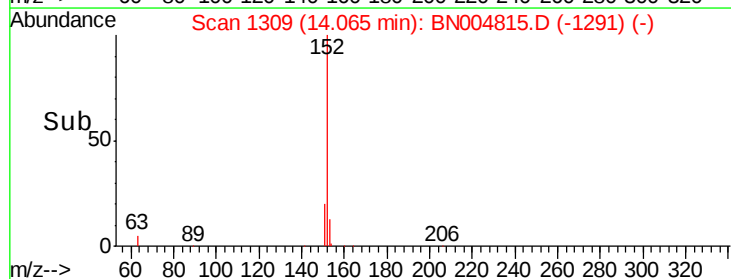
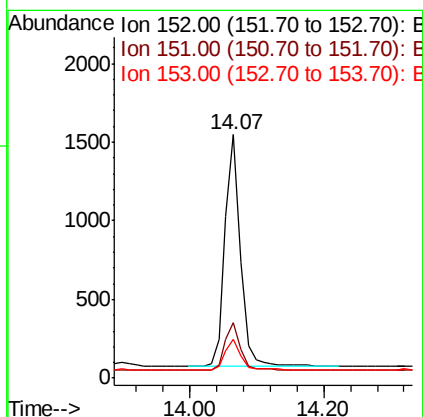
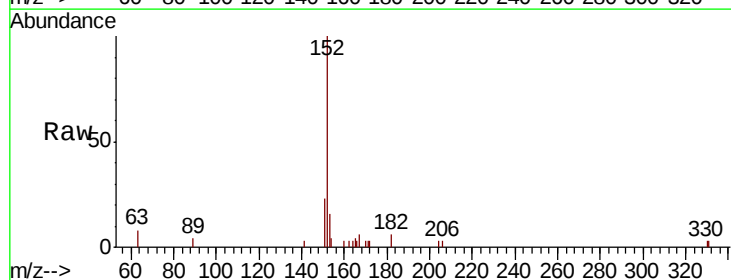
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

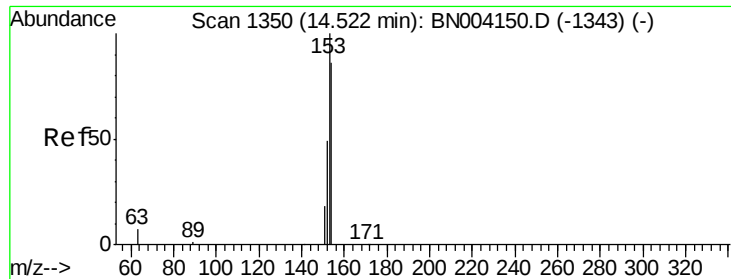
Tot Ion:172 Resp: 2070
Ion Ratio Lower Upper
172 100
171 38.2 28.7 43.1
170 25.8 18.7 28.1



#16
Acenaphthylene
Concen: 0.107 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:152 Resp: 2396
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.116 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

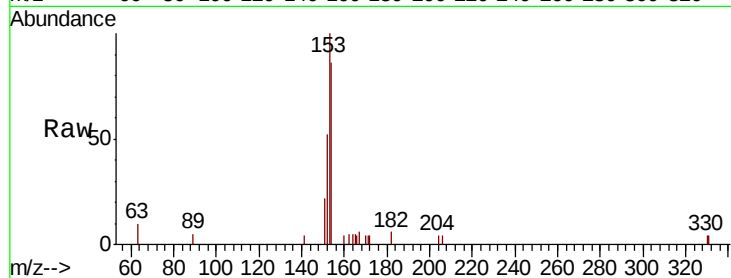
Tot Ion:154 Resp: 1698

Ion Ratio Lower Upper

154 100

153 115.9 91.4 137.2

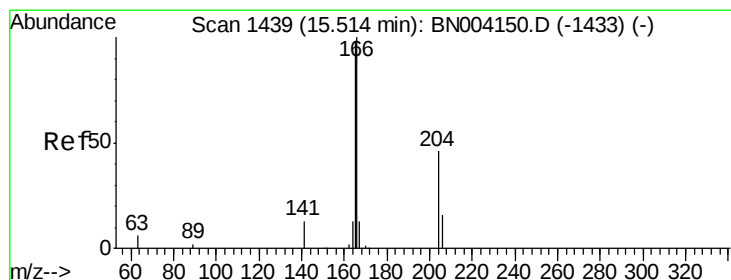
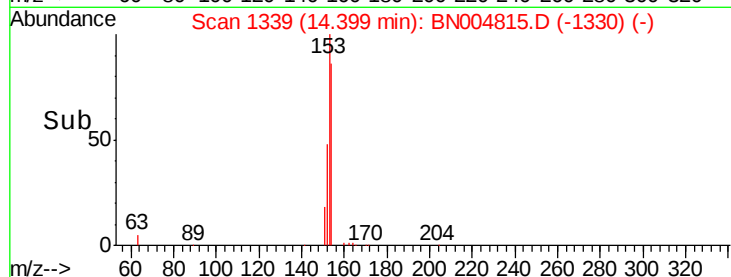
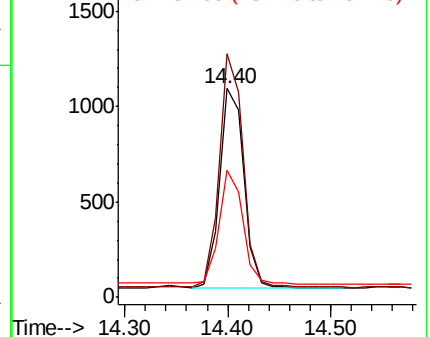
152 55.2 44.2 66.2



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: 0.129 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

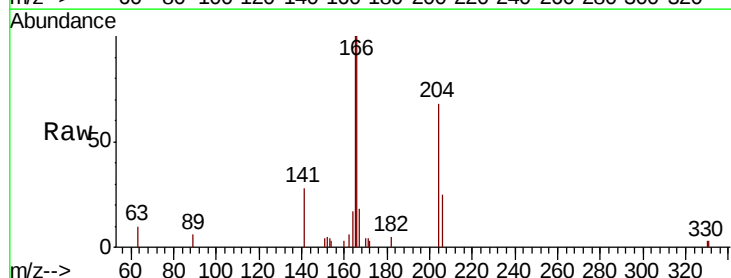
Tgt Ion:166 Resp: 2382

Ion Ratio Lower Upper

166 100

165 97.7 78.2 117.4

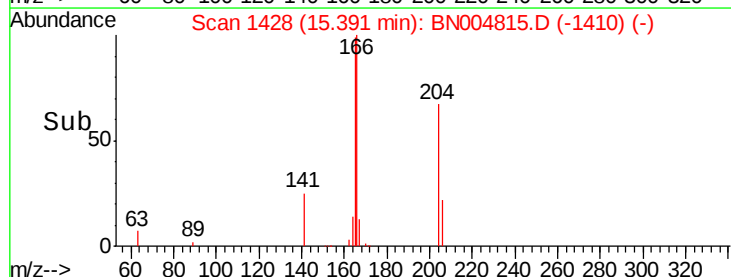
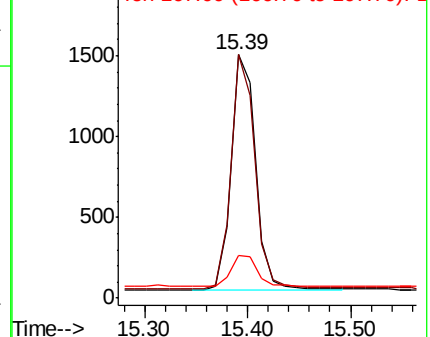
167 14.5 11.0 16.4

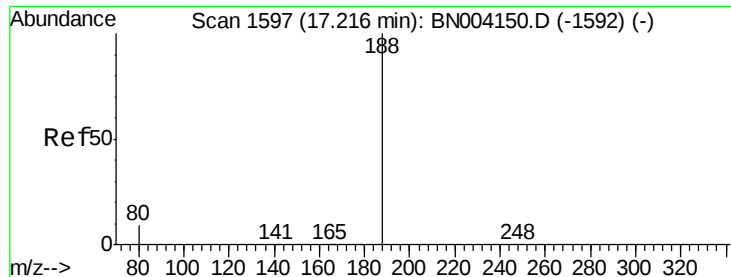


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

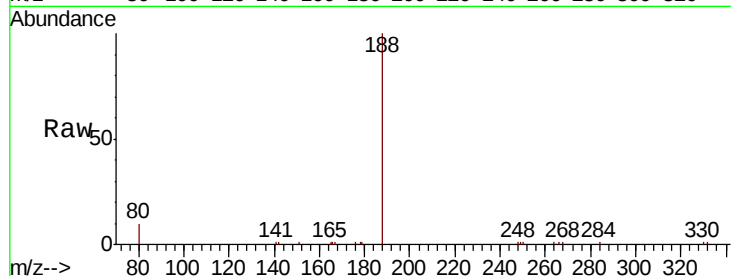
Tot Ion:188 Resp: 12538

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

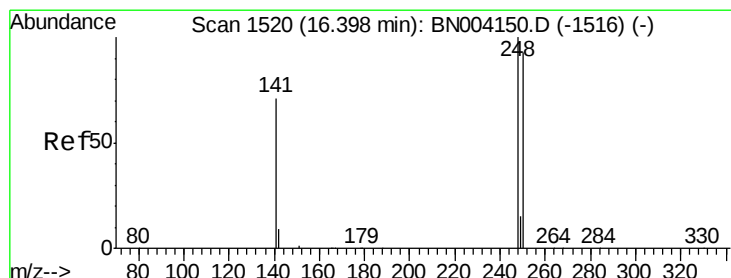
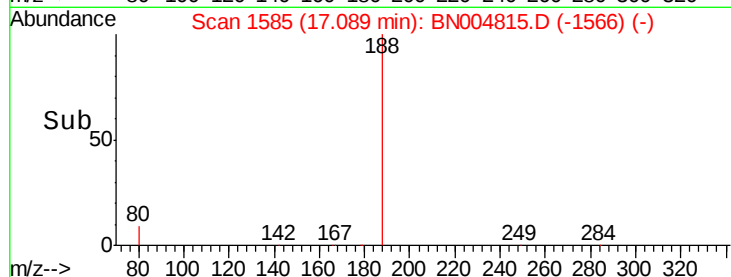
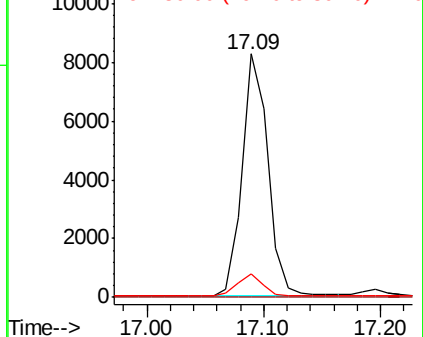
80 9.6 7.4 11.2



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: 0.120 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

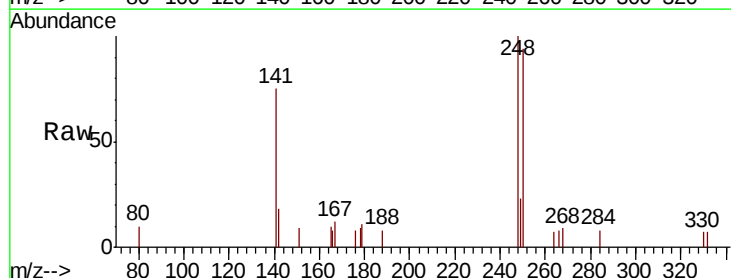
Tgt Ion:248 Resp: 838

Ion Ratio Lower Upper

248 100

250 94.0 76.2 114.4

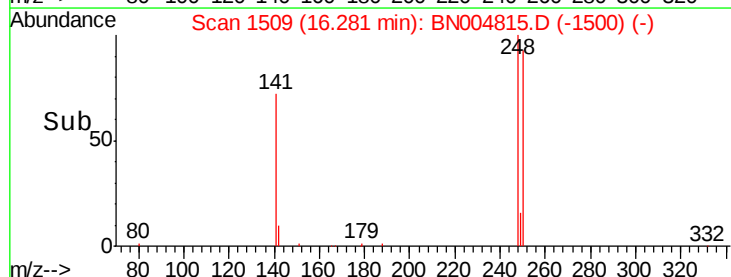
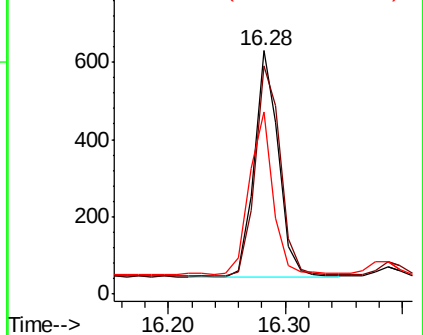
141 74.8 53.9 80.9

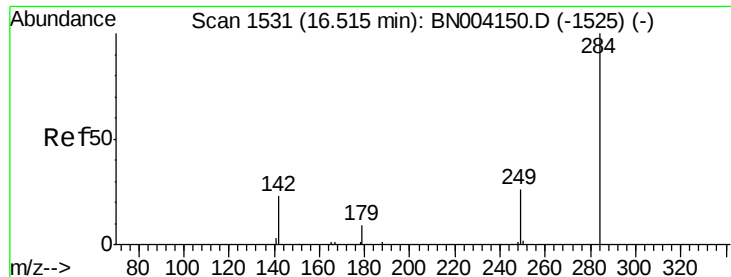


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

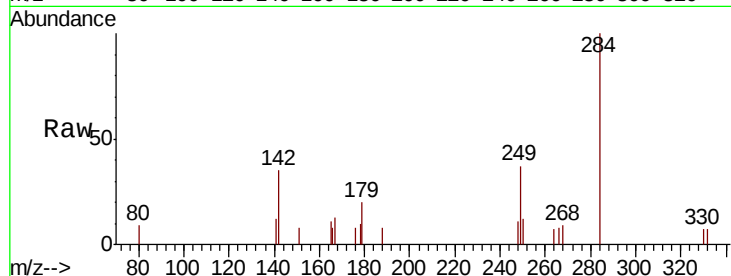




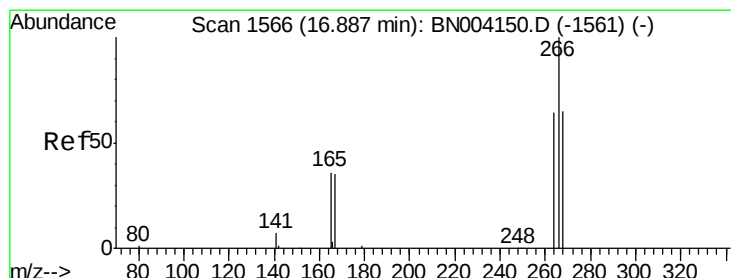
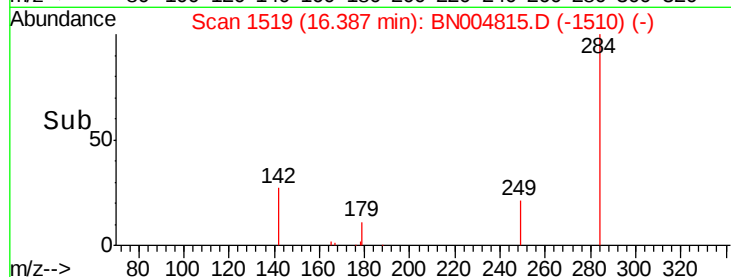
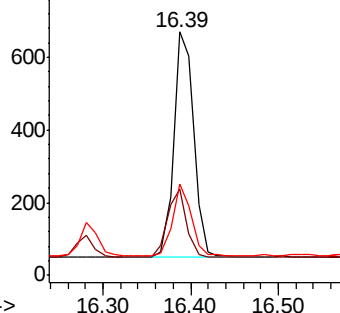
#21
Hexachlorobenzene
Concen: 0.123 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.6	22.6	34.0
249	29.7	22.5	33.7

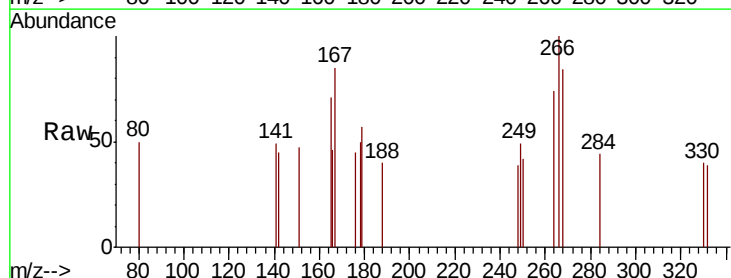


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

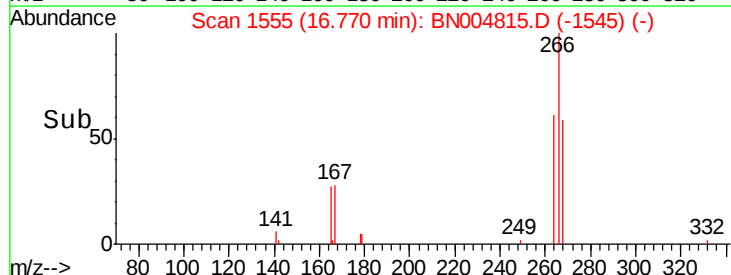
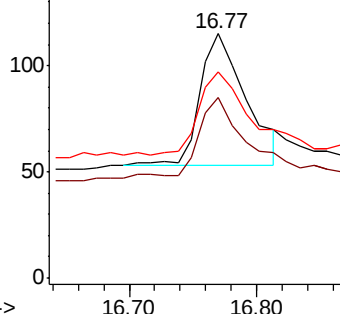


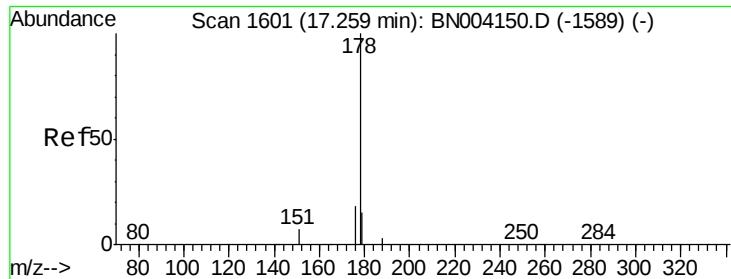
#22
Pentachlorophenol
Concen: 0.106 ng
RT: 16.77 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion	Ratio	Lower	Upper
266	100		
264	73.9	53.1	79.7
268	84.3	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: 0.125 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

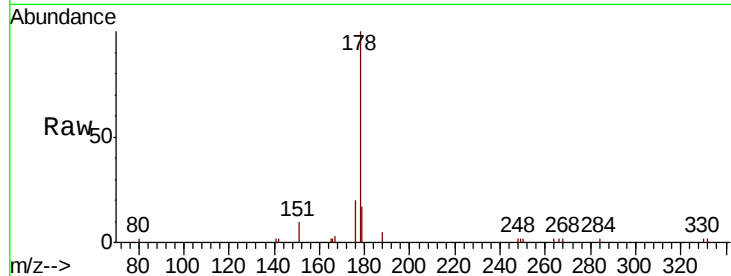
Tot Ion:178 Resp: 4244

Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

179 16.0 12.1 18.1

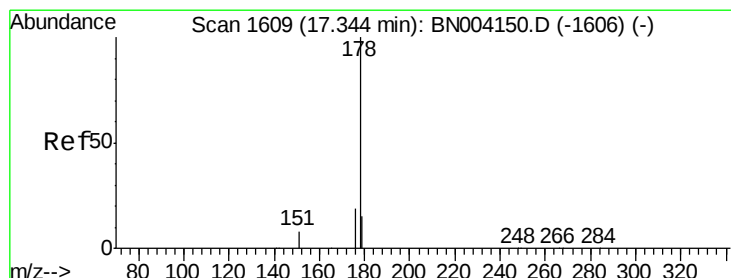
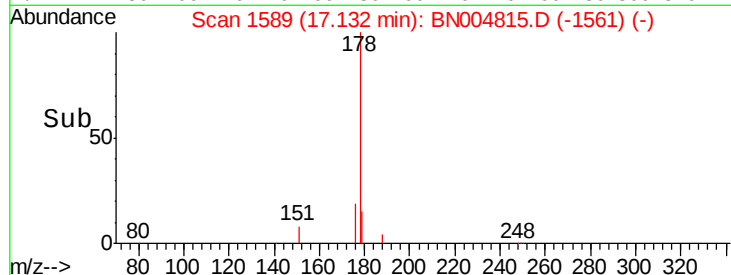
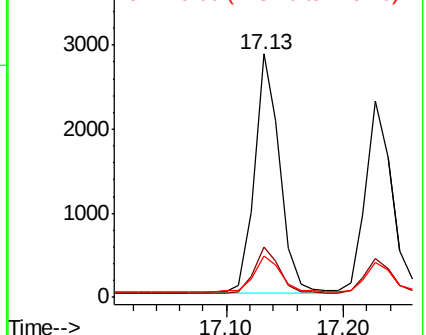


Abundance

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: 0.119 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

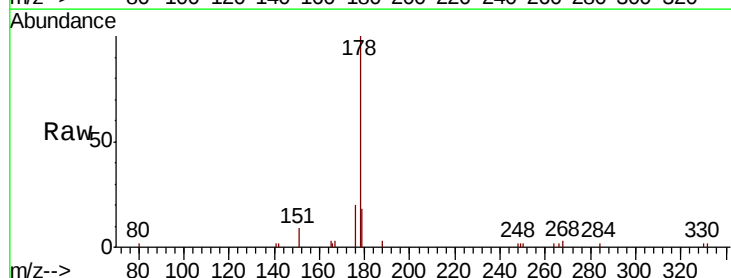
Tgt Ion:178 Resp: 3702

Ion Ratio Lower Upper

178 100

176 18.6 14.5 21.7

179 15.4 12.2 18.4

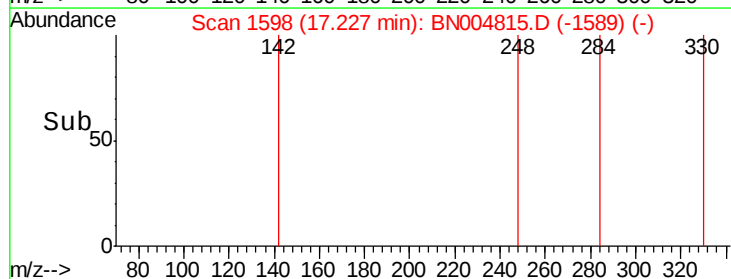
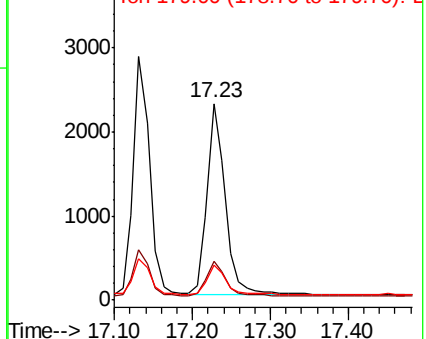


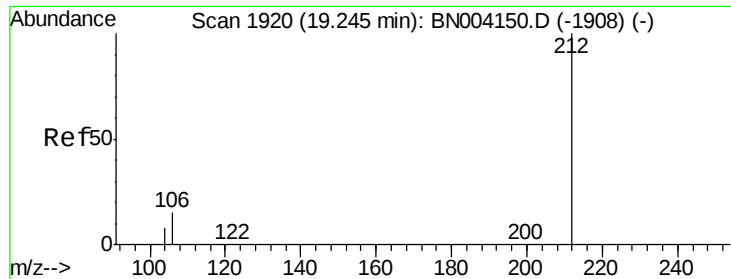
Abundance

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: 0.115 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

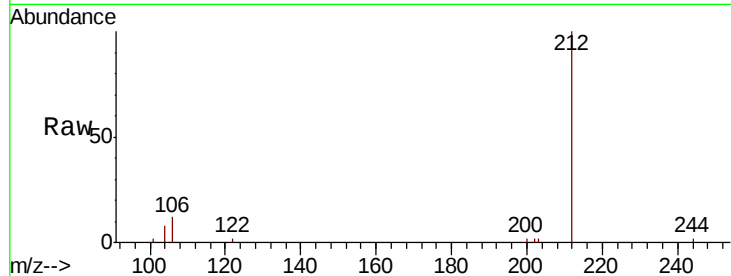
Tot Ion:212 Resp: 4234

Ion Ratio Lower Upper

212 100

106 11.0 8.6 13.0

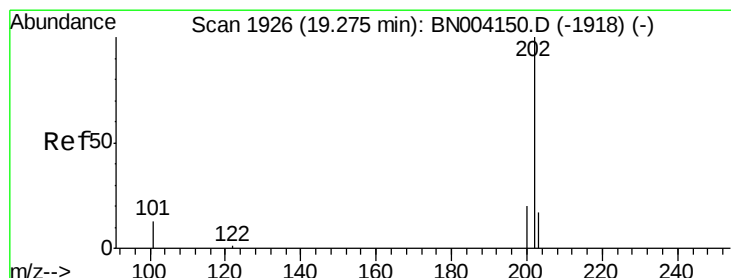
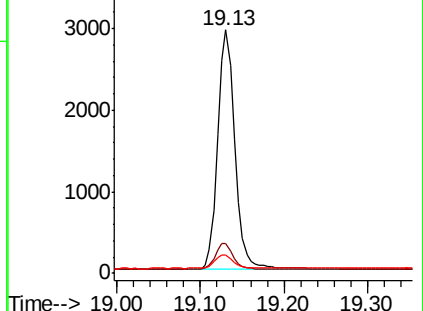
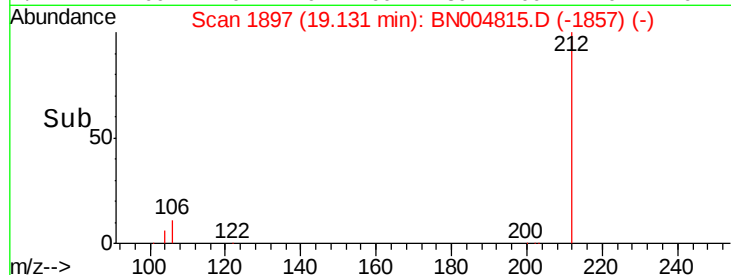
104 6.2 4.7 7.1



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: 0.136 ng

RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

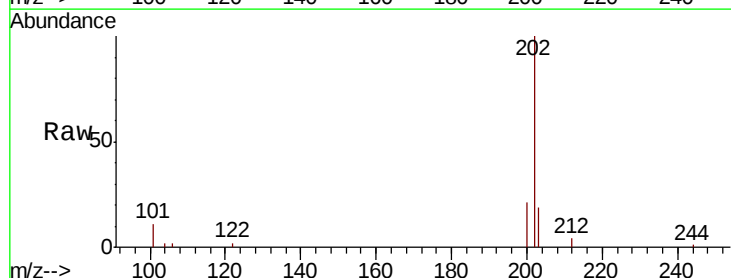
Tgt Ion:202 Resp: 5459

Ion Ratio Lower Upper

202 100

101 9.3 7.5 11.3

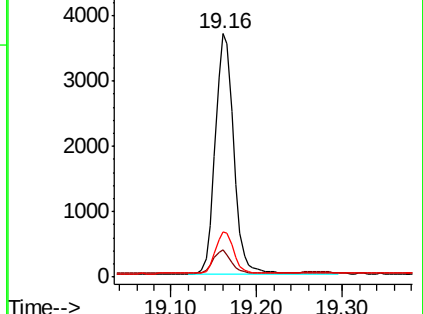
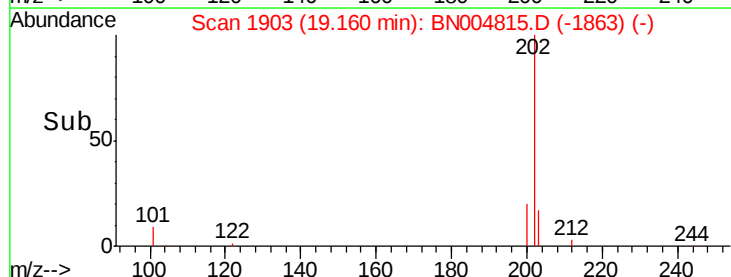
203 17.2 13.8 20.6

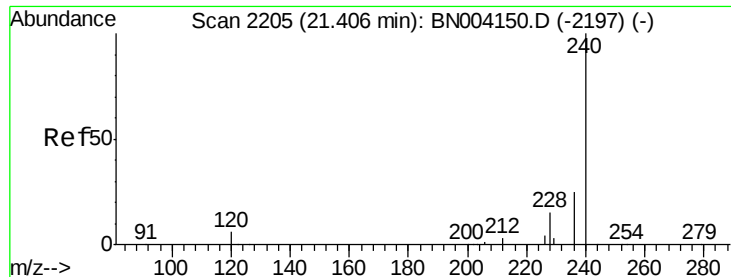


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.29 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

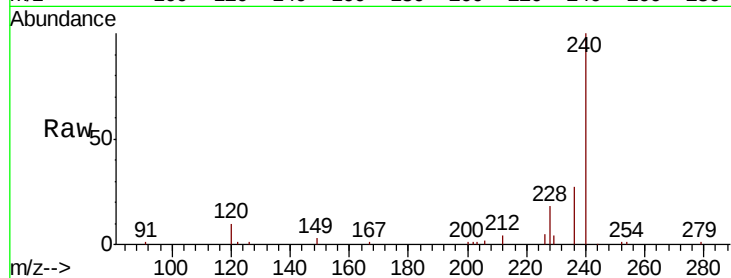
Tot Ion:240 Resp: 16702

Ion Ratio Lower Upper

240 100

120 10.3 7.2 10.8

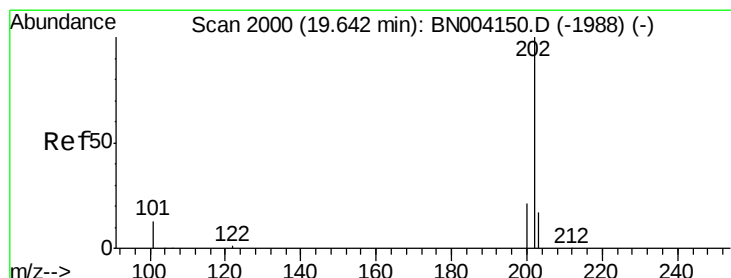
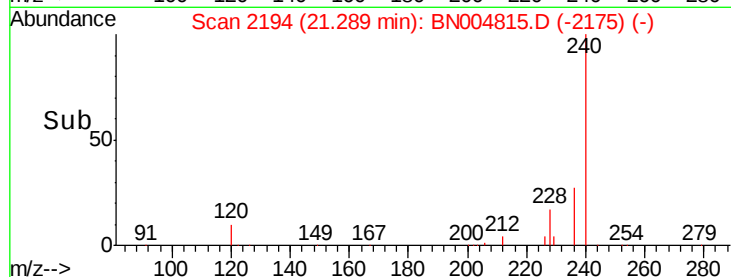
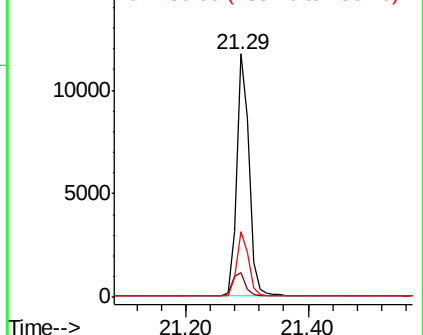
236 27.0 20.9 31.3



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: 0.109 ng

RT: 19.53 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

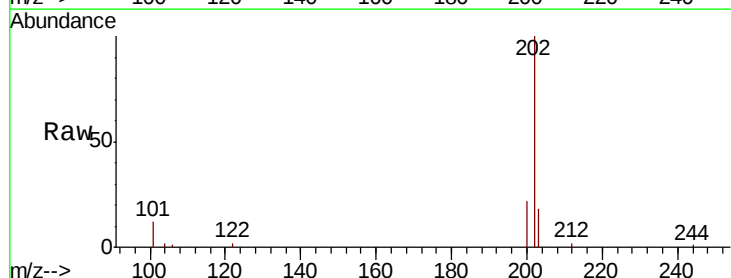
Tgt Ion:202 Resp: 5712

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

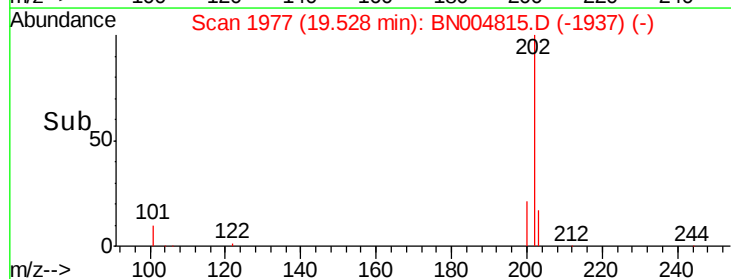
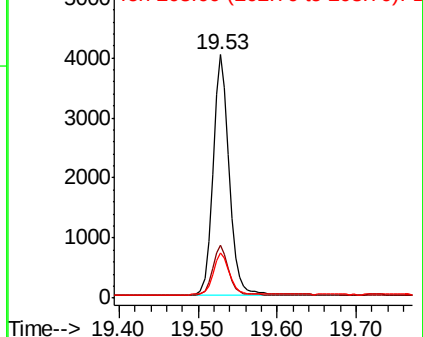
203 17.6 14.0 21.0

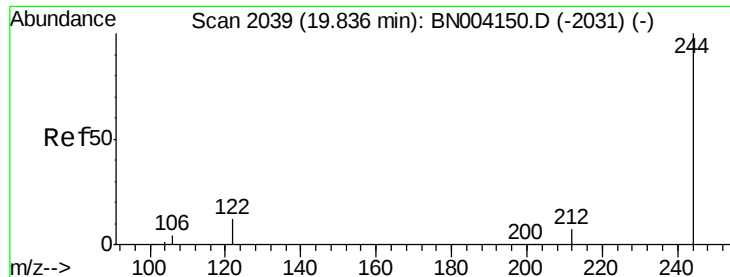


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.088 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

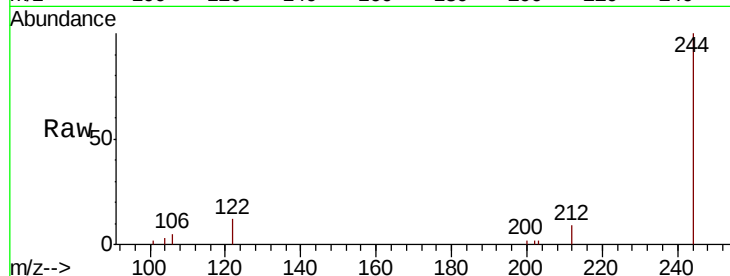
Tot Ion:244 Resp: 3658

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

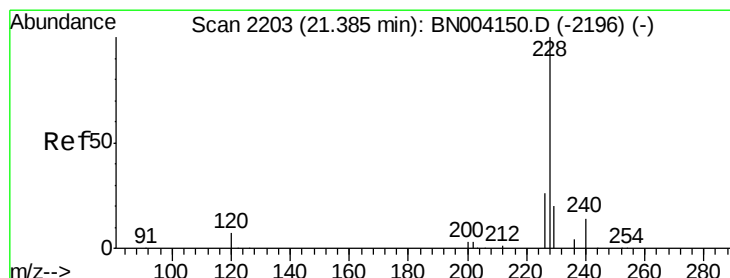
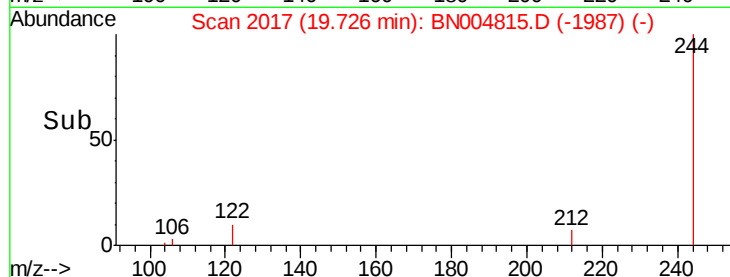
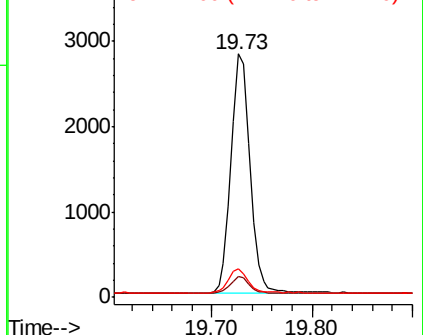
122 11.5 7.9 11.9



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: 0.133 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

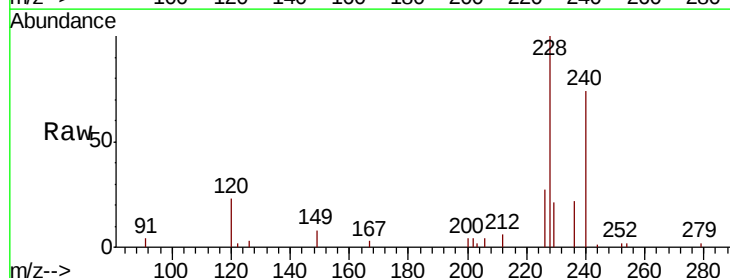
Tgt Ion:228 Resp: 6185

Ion Ratio Lower Upper

228 100

226 27.1 20.6 31.0

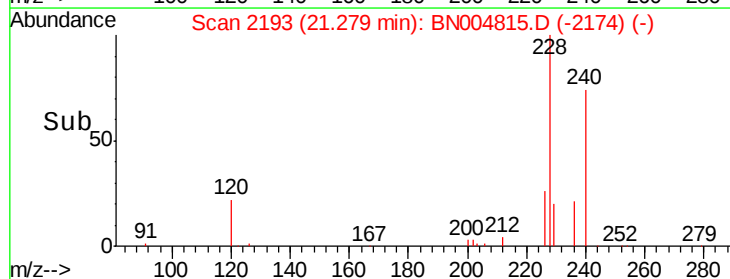
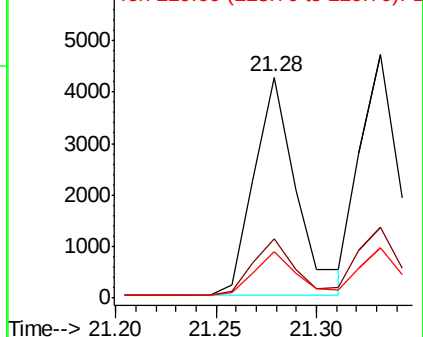
229 20.8 16.2 24.4

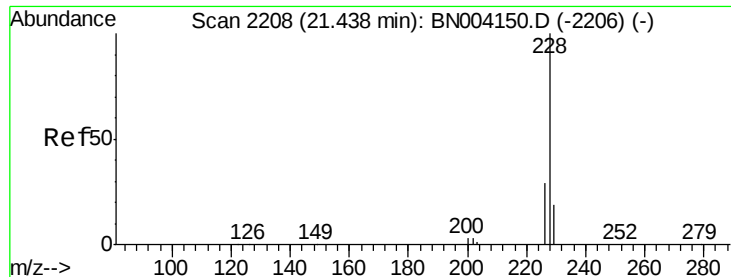


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.132 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

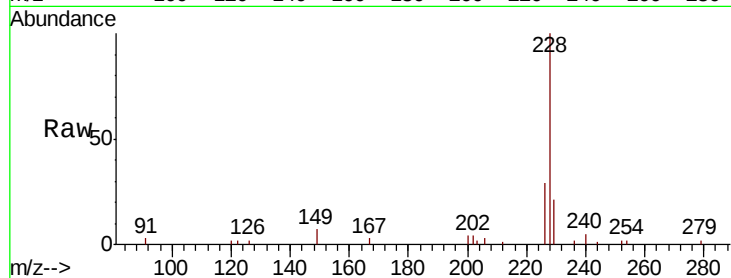
Tot Ion:228 Resp: 6254

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.6

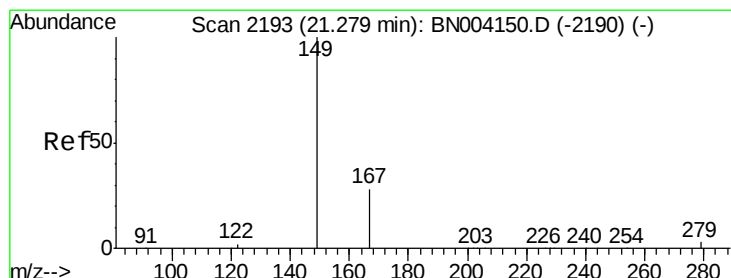
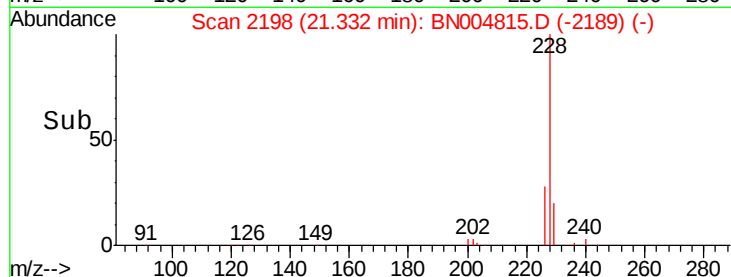
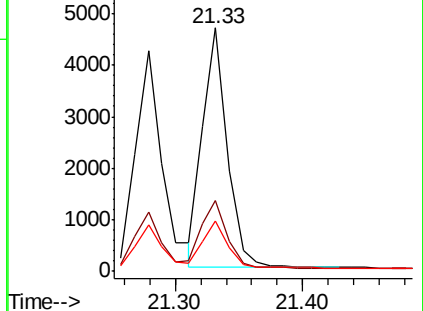
229 20.9 16.2 24.2



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: 0.108 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

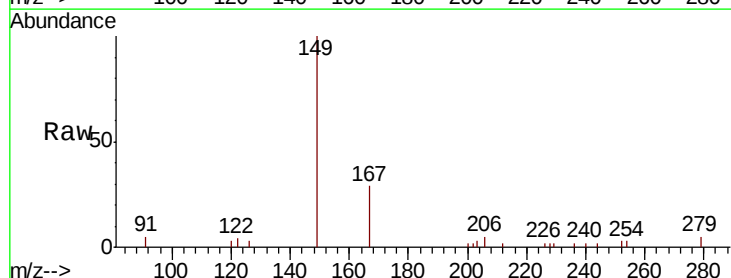
Tgt Ion:149 Resp: 3077

Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.4

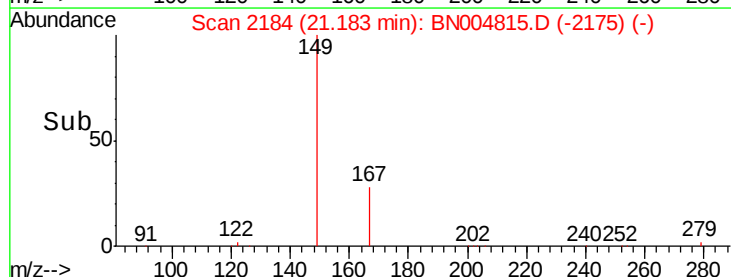
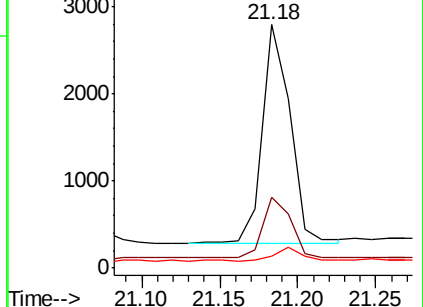
279 5.5 4.6 6.8

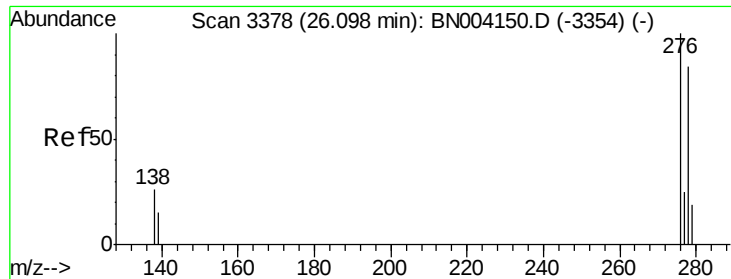


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.177 ng

RT: 25.82 min Scan# 3298

Delta R.T. 0.01 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

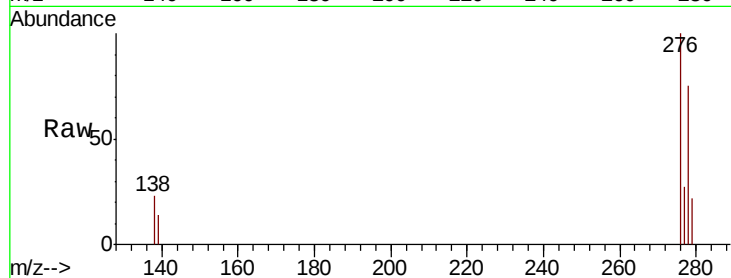
Tot Ion:276 Resp: 8960

Ion Ratio Lower Upper

276 100

138 21.3 16.6 24.8

277 25.3 20.3 30.5

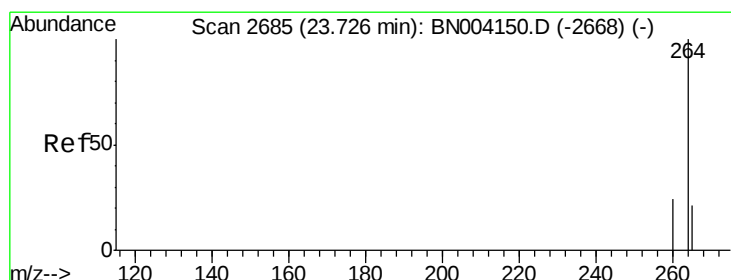
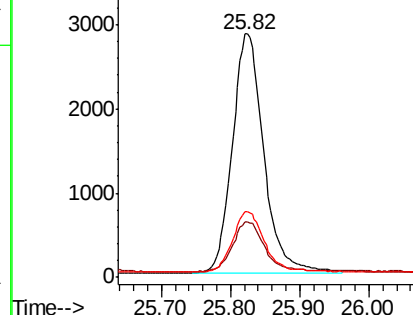
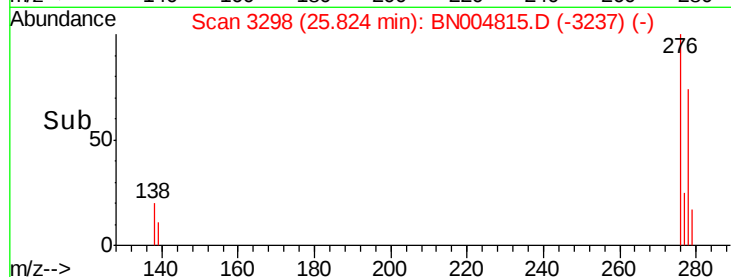


Abundance

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: BN004815.D

Acq: 20 Mar 2019 11:08

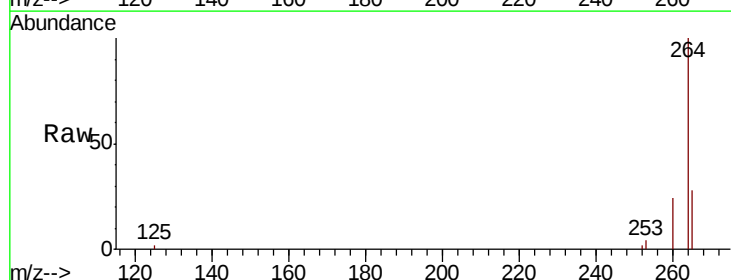
Tgt Ion:264 Resp: 18686

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 27.9 23.1 34.7

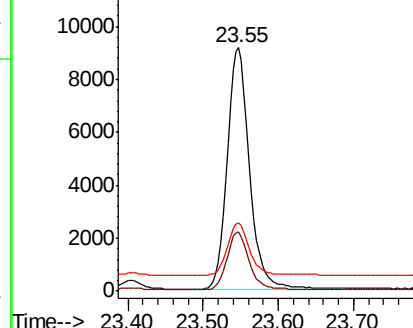
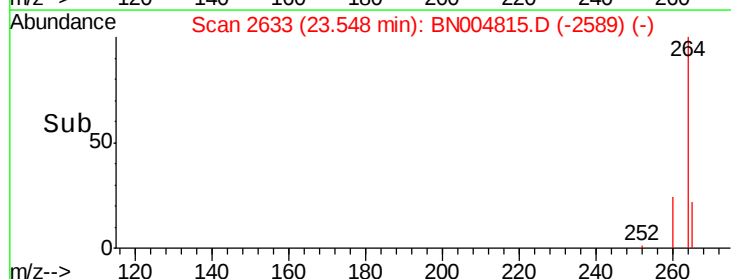


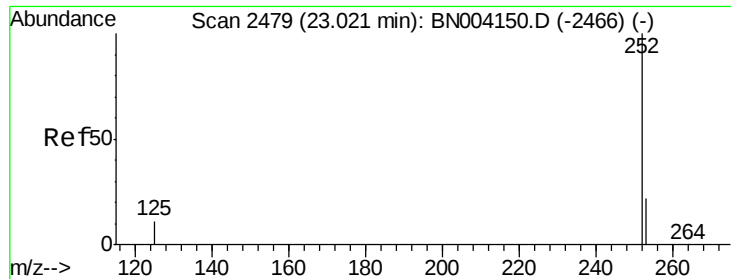
Abundance

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

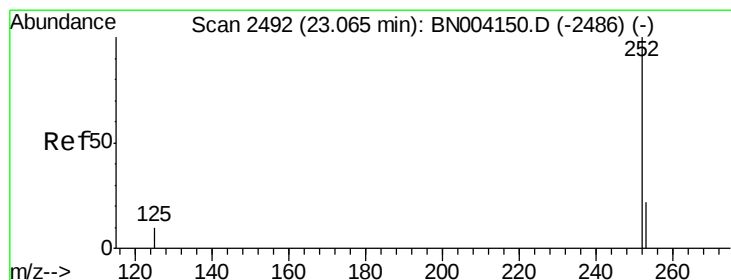
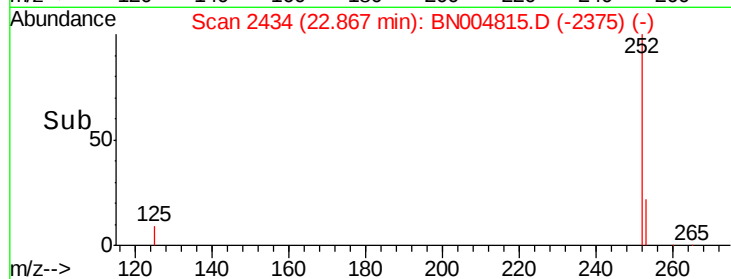
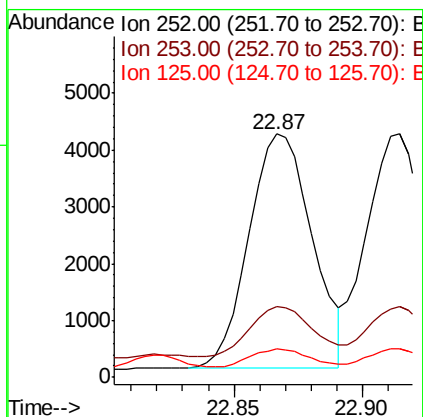
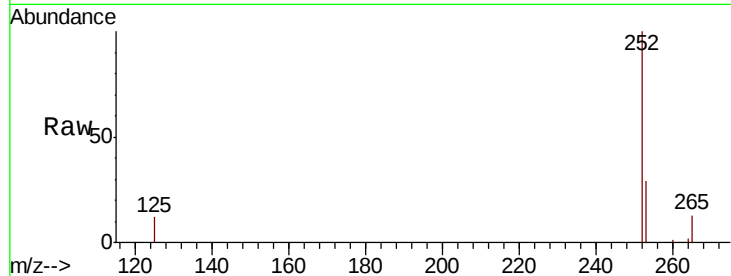




#35
Benzo(b)fluoranthene
Concen: 0.131 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

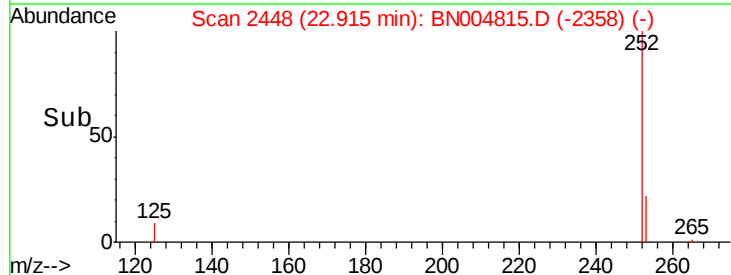
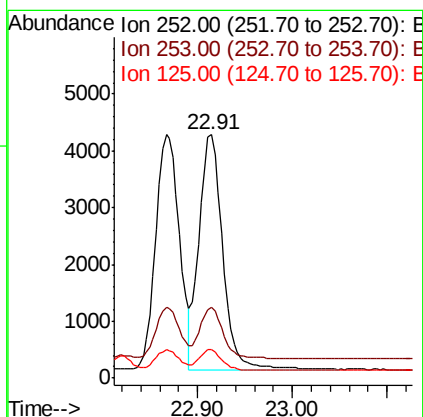
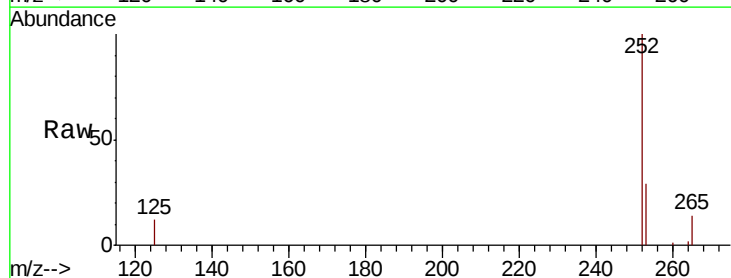
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

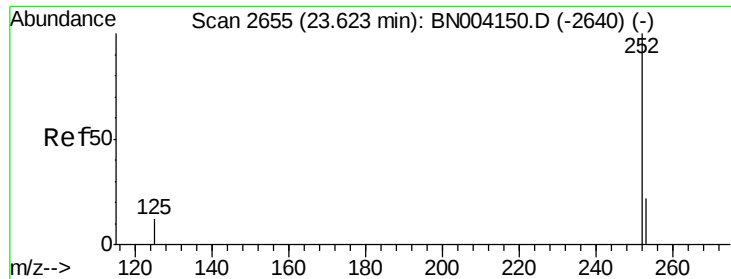
Tot Ion:252 Resp: 7062
Ion Ratio Lower Upper
252 100
253 29.0 19.0 28.4#
125 11.7 7.4 11.2#



#36
Benzo(k)fluoranthene
Concen: 0.125 ng
RT: 22.91 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:252 Resp: 7092
Ion Ratio Lower Upper
252 100
253 28.9 19.3 28.9
125 11.6 7.4 11.0#

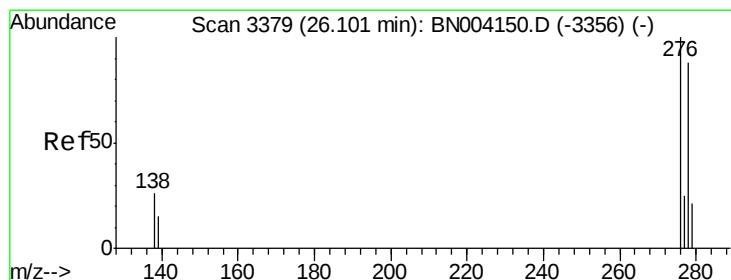
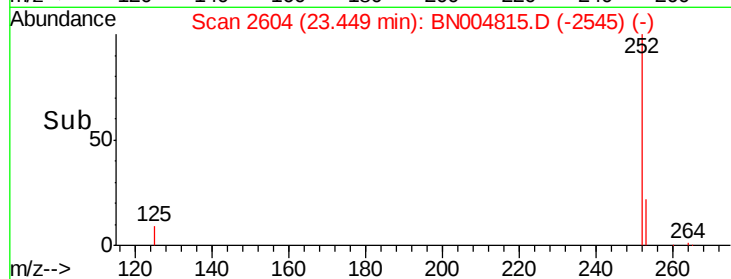
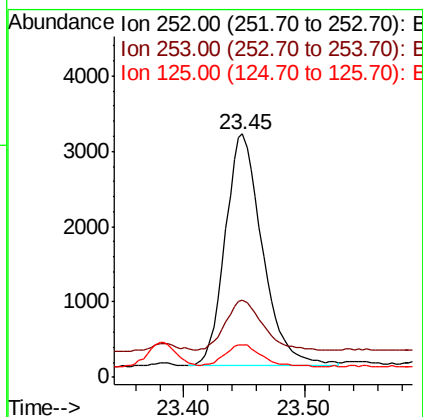
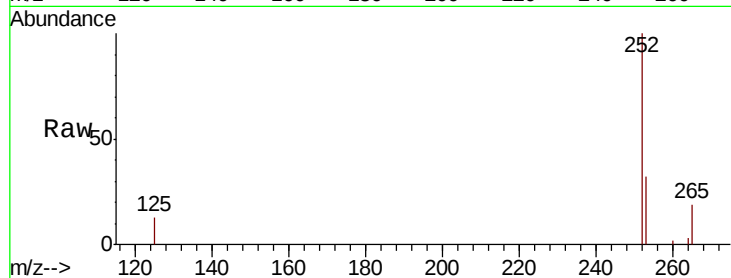




#37
Benzo(a)pyrene
Concen: 0.129 ng
RT: 23.45 min Scan# 2604
Delta R.T. 0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

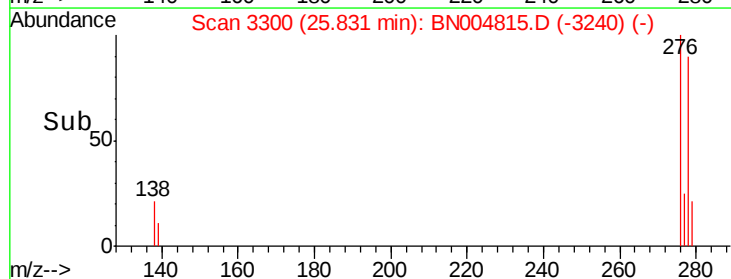
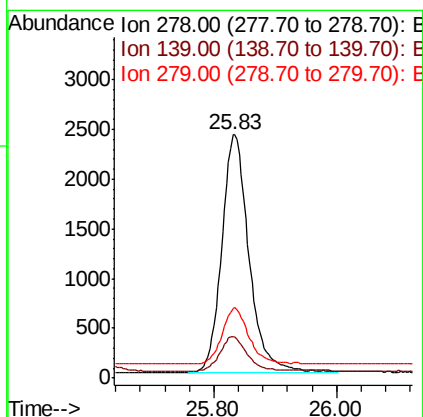
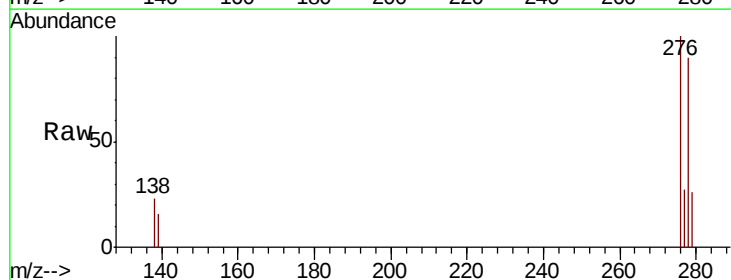
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

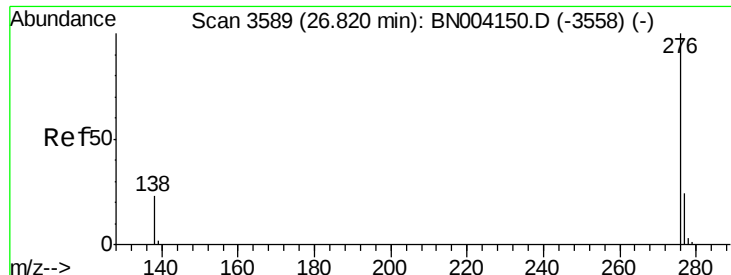
Tot Ion:252 Resp: 6543
Ion Ratio Lower Upper
252 100
253 31.7 19.7 29.5#
125 13.2 8.3 12.5#



#38
Dibenzo(a,h)anthracene
Concen: 0.145 ng
RT: 25.83 min Scan# 3300
Delta R.T. 0.01 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:278 Resp: 7380
Ion Ratio Lower Upper
278 100
139 17.2 11.7 17.5
279 28.4 19.9 29.9





#39

Benzo(a,h,i)perylene

Concen: 0.152 ng

RT: 26.52 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BN004815.D

Acq: 20 Mar 2019 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

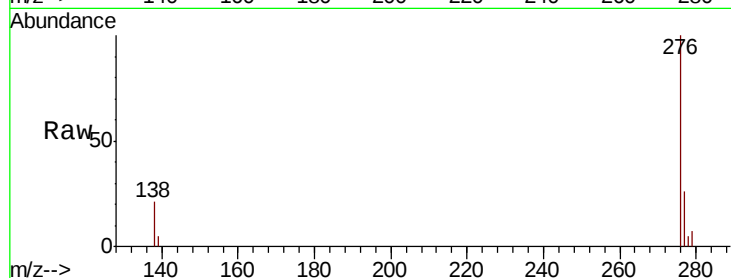
Tot Ion: 276 Resp: 7690

Ion Ratio Lower Upper

276 100

277 25.8 19.7 29.5

138 20.8 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

