

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006695.D
 Acq On : 02 Jul 2019 16:54
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Jul 02 17:29:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 17:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4914	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	19339	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	10057	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	21098	0.40	ng	0.00
27) Chrysene-d12	21.26	240	18862	0.40	ng	0.00
34) Perylene-d12	23.50	264	20557	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	67525	5.60	ng	-0.02
5) Phenol-d6	6.80	99	89417	5.61	ng	-0.03
8) Nitrobenzene-d5	8.75	82	79523	6.11	ng	-0.04
11) 2-Methylnaphthalene-d10	11.99	152	148906	4.89	ng	0.00
14) 2,4,6-Tribromophenol	15.77	330	27647	5.84	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	196466	5.27	ng	-0.01
25) Fluoranthene-d10	19.07	212	313300	5.06	ng	0.00
29) Terphenyl-d14	19.67	244	211645	5.36	ng	0.00

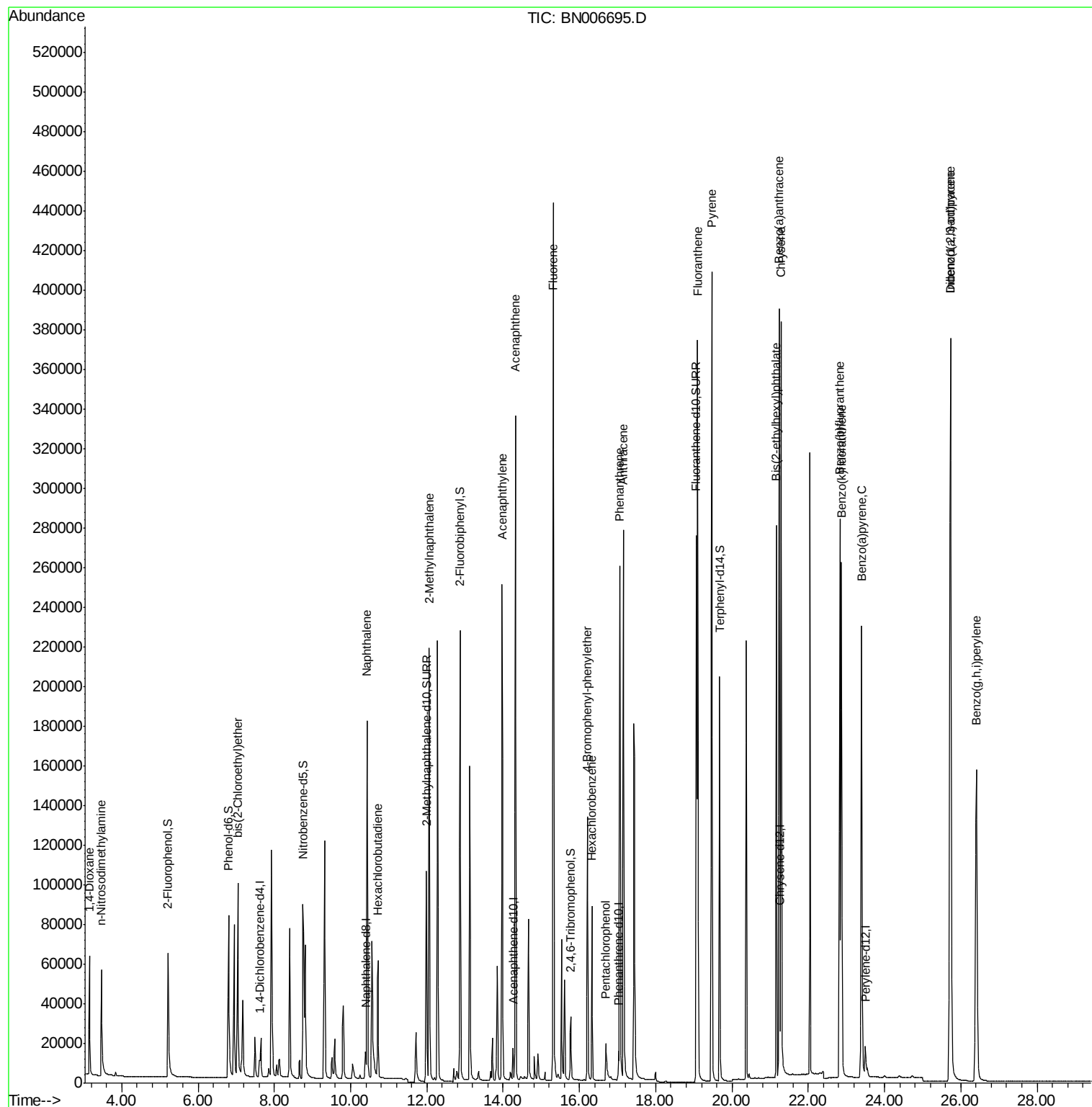
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	34894	5.131	ng	# 92
3) n-Nitrosodimethylamine	3.46	42	34551	6.465	ng	# 96
6) bis(2-Chloroethyl)ether	7.04	93	79739	5.604	ng	96
9) Naphthalene	10.43	128	250824	4.937	ng	98
10) Hexachlorobutadiene	10.72	225	50972	4.880	ng	# 100
12) 2-Methylnaphthalene	12.06	142	166622	4.744	ng	99
16) Acenaphthylene	13.98	152	266518	5.558	ng	100
17) Acenaphthene	14.32	154	159952	5.063	ng	100
18) Fluorene	15.31	166	199959	5.017	ng	99
20) 4-Bromophenyl-phenylether	16.21	248	65857	5.634	ng	91
21) Hexachlorobenzene	16.33	284	73778	4.994	ng	100
22) Pentachlorophenol	16.70	266	13282	5.639	ng	# 84
23) Phenanthrene	17.06	178	307302	5.122	ng	100
24) Anthracene	17.15	178	294837	5.664	ng	99
26) Fluoranthene	19.10	202	350560	4.808	ng	99
28) Pyrene	19.47	202	358810	5.436	ng	100
30) Benzo(a)anthracene	21.24	228	333781	5.413	ng	99
31) Chrysene	21.29	228	332634	5.004	ng	99
32) Bis(2-ethylhexyl)phthalate	21.16	149	223972	7.216	ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	400148	5.947	ng	99
35) Benzo(b)fluoranthene	22.83	252	338743	4.844	ng	# 92
36) Benzo(k)fluoranthene	22.87	252	350740	4.705	ng	# 92
37) Benzo(a)pyrene	23.40	252	327463	5.009	ng	# 89
38) Dibenzo(a,h)anthracene	25.73	278	322638	5.649	ng	94
39) Benzo(g,h,i)perylene	26.41	276	329421	5.778	ng	95

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

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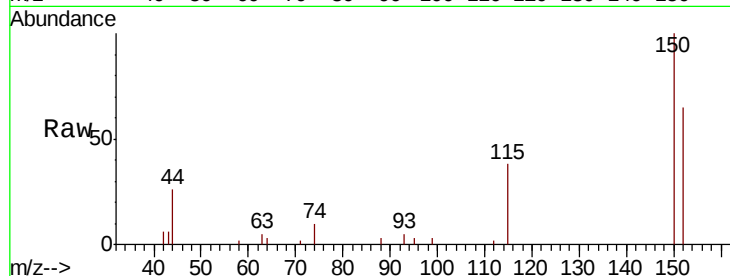


#1

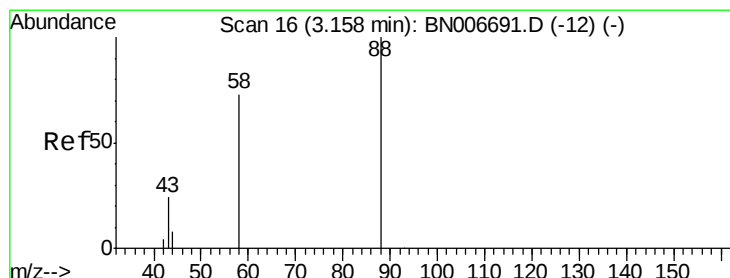
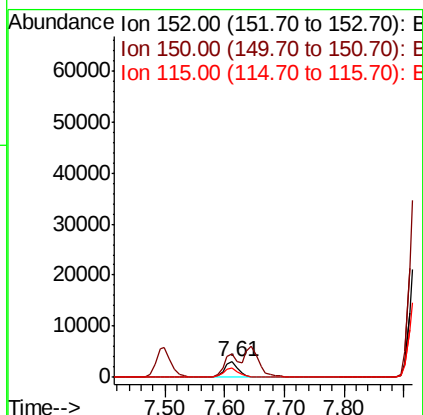
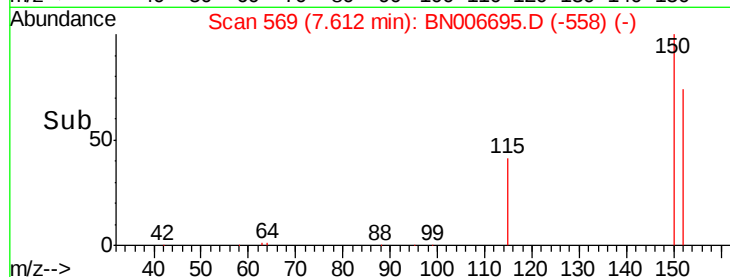
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tot Ion:152 Resp: 4914
Ion Ratio Lower Upper
152 100
150 153.7 120.6 181.0
115 58.6 51.0 76.6



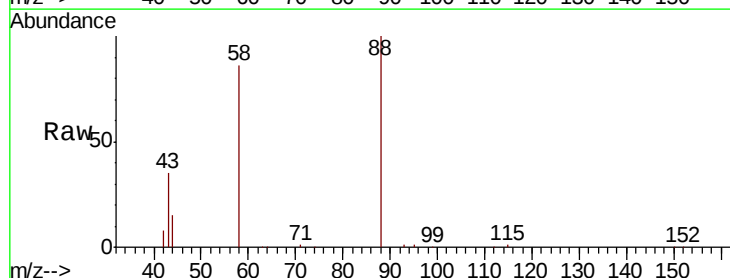
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



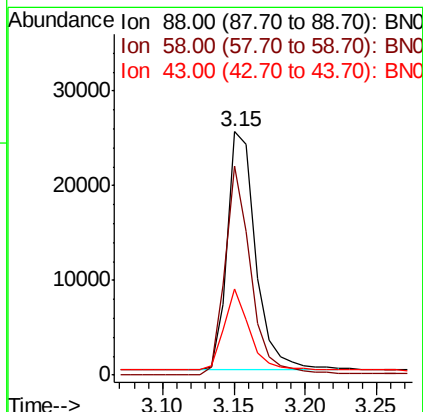
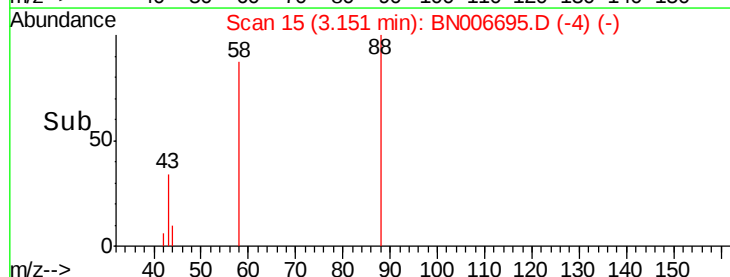
#2

1,4-Dioxane
Concen: 5.131 ng
RT: 3.15 min Scan# 15
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Tgt Ion: 88 Resp: 34894
Ion Ratio Lower Upper
88 100
58 78.9 61.1 91.7
43 29.7 32.4 48.6#



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



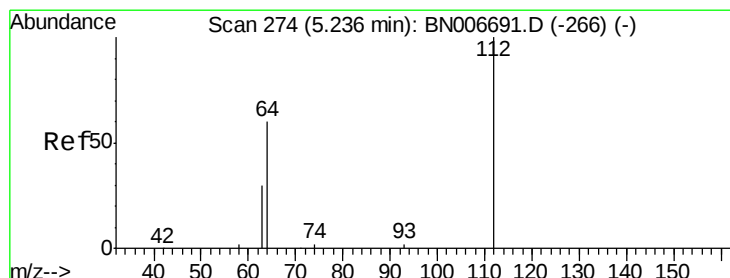
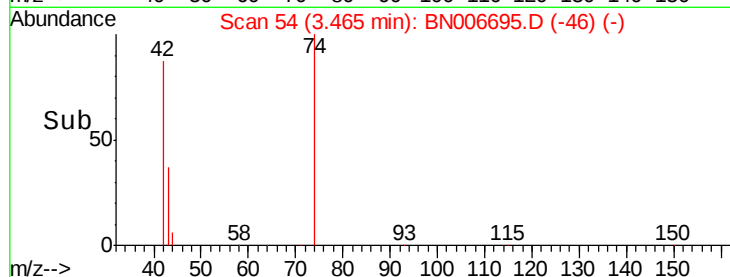
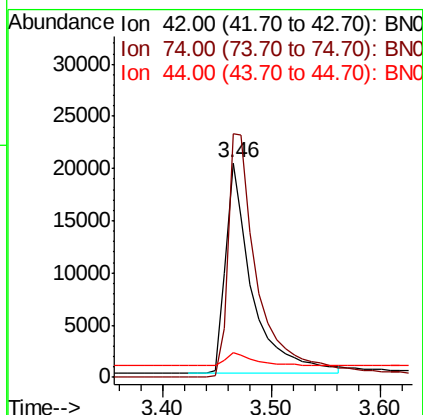
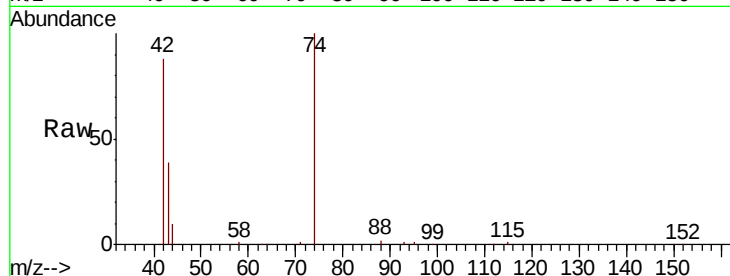


#3

n-Nitrosodimethylamine
 Concen: 6.465 ng
 RT: 3.46 min Scan# 54
 Delta R.T. -0.03 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

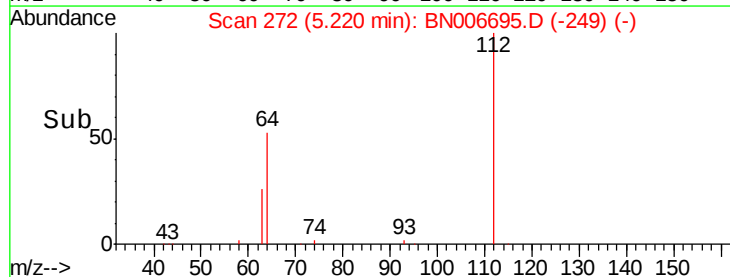
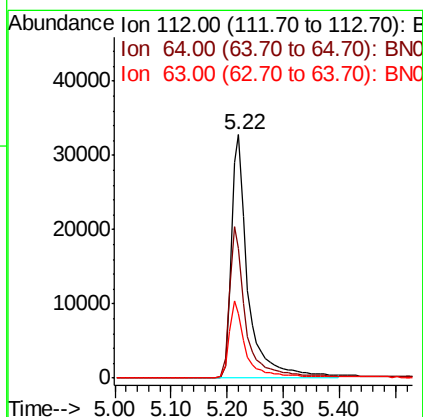
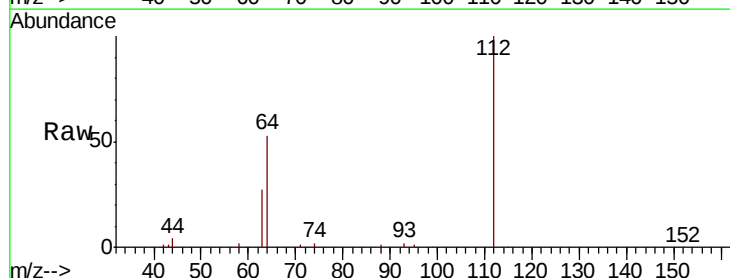
Tot Ion: 42 Resp: 34551
 Ion Ratio Lower Upper
 42 100
 74 129.1 106.6 160.0
 44 6.3 8.0 12.0#

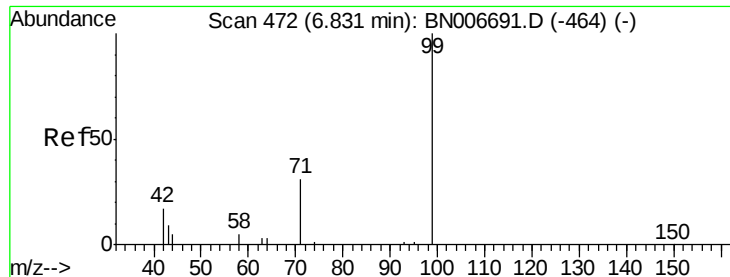


#4

2-Fluorophenol
 Concen: 5.602 ng
 RT: 5.22 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

Tgt Ion: 112 Resp: 67525
 Ion Ratio Lower Upper
 112 100
 64 60.4 49.8 74.6
 63 30.9 25.8 38.6





#5

Phenol-d6

Concen: 5.605 ng

RT: 6.80 min Scan# 468

Delta R.T. -0.03 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

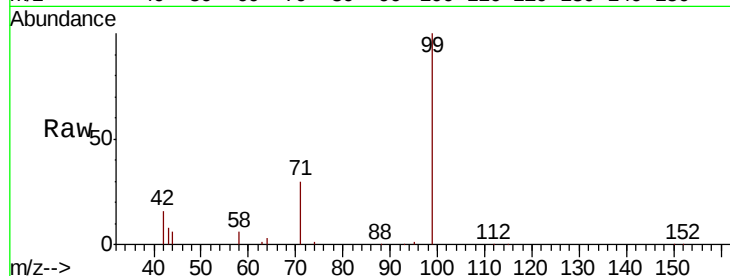
Tot Ion: 99 Resp: 89417

Ion Ratio Lower Upper

99 100

42 20.0 16.6 25.0

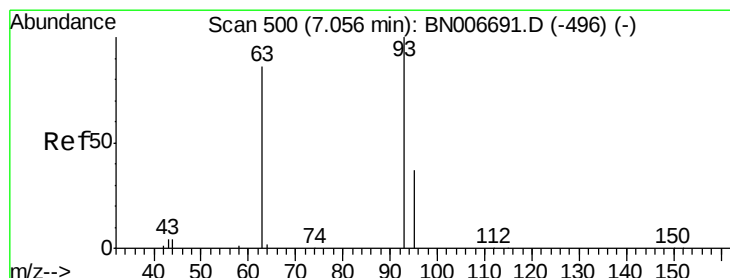
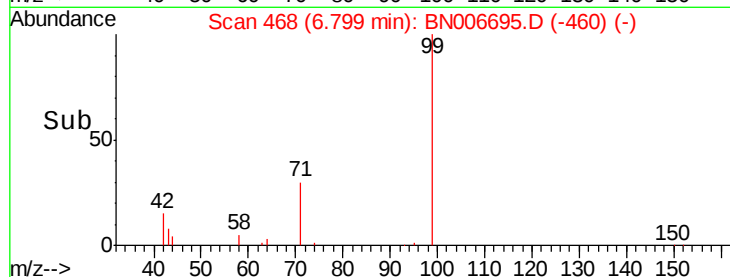
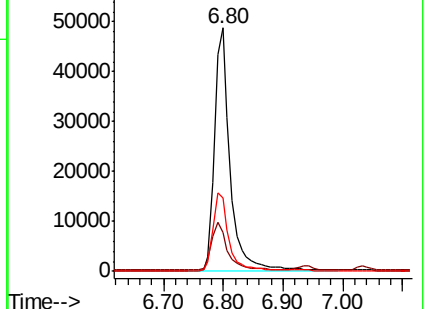
71 32.7 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006695.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006695.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006695.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 5.604 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

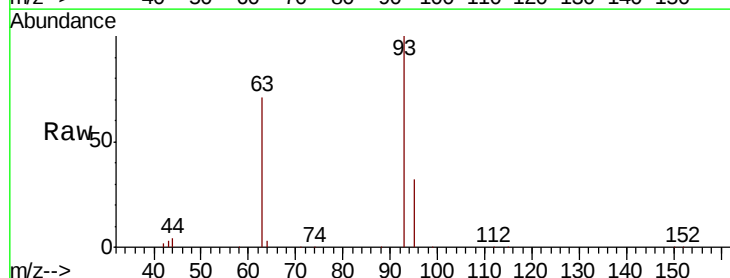
Tgt Ion: 93 Resp: 79739

Ion Ratio Lower Upper

93 100

63 74.3 58.6 87.8

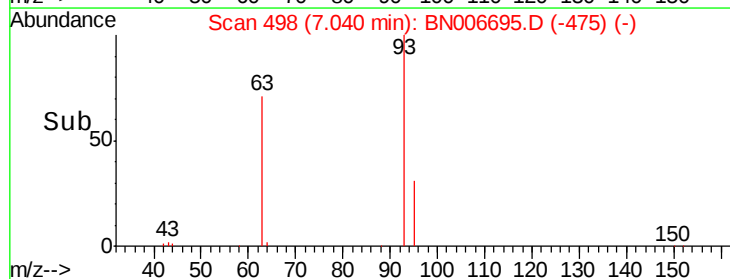
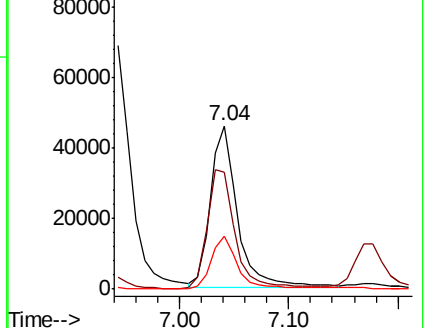
95 30.7 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN006695.D (-475) (-)

Ion 63.00 (62.70 to 63.70): BN006695.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BN006695.D (-475) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. 0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 19339

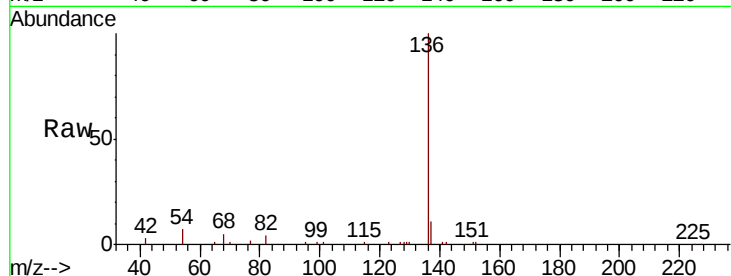
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.5 8.4 12.6#

68 5.4 6.8 10.2#

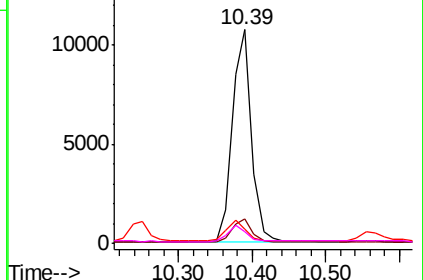
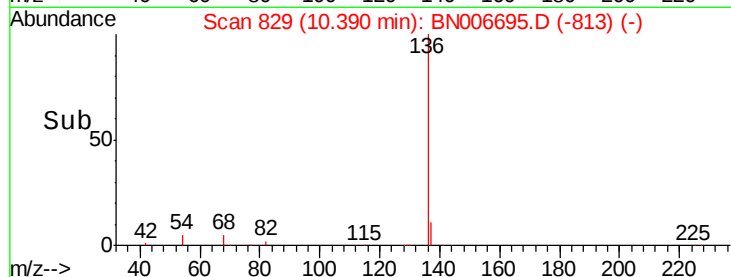


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.115 ng

RT: 8.75 min Scan# 700

Delta R.T. -0.04 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

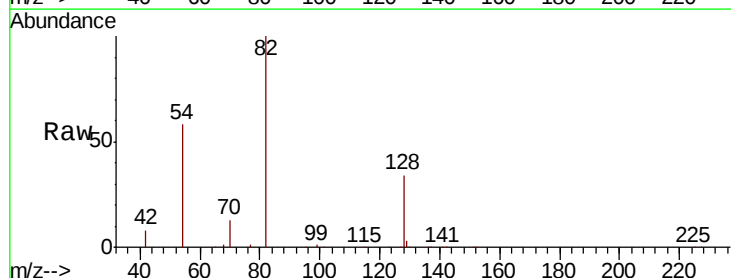
Tgt Ion: 82 Resp: 79523

Ion Ratio Lower Upper

82 100

128 33.6 36.1 54.1#

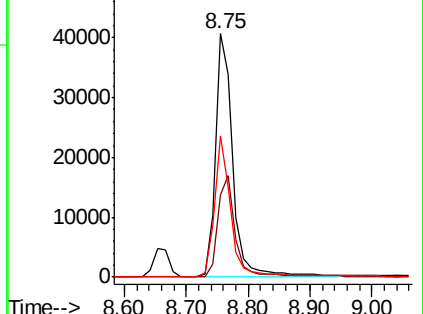
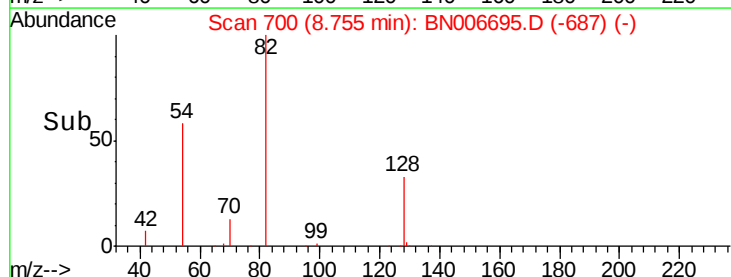
54 58.1 44.5 66.7

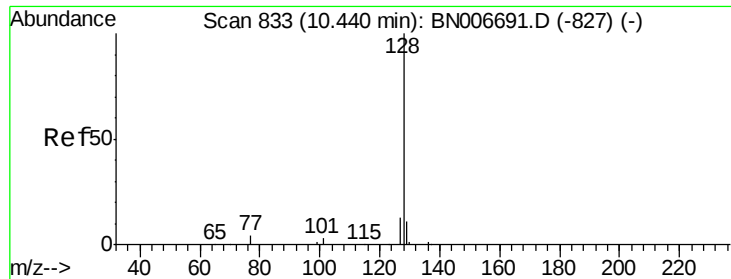


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

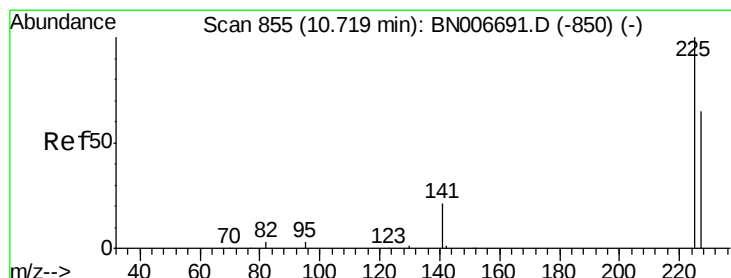
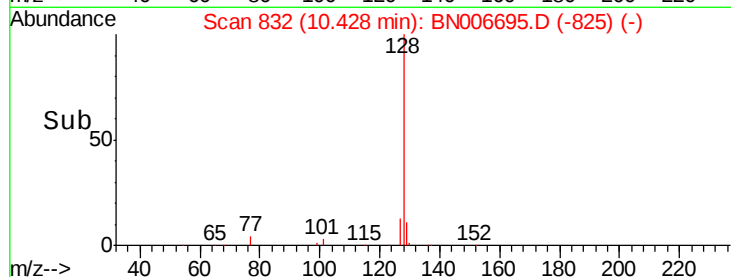
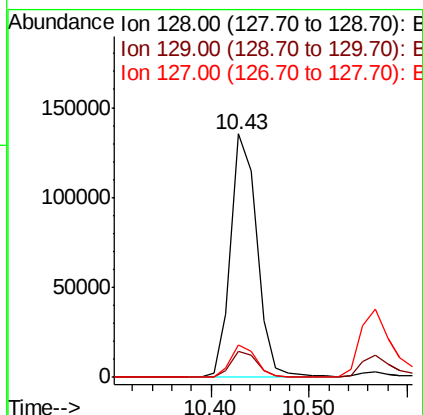
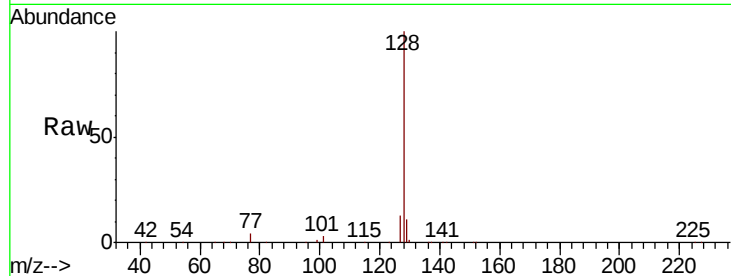




#9
Naphthalene
Concen: 4.937 ng
RT: 10.43 min Scan# 832
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

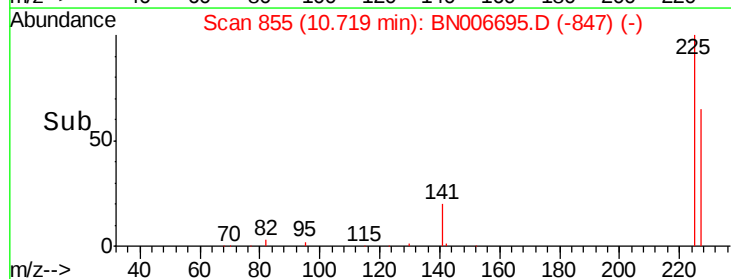
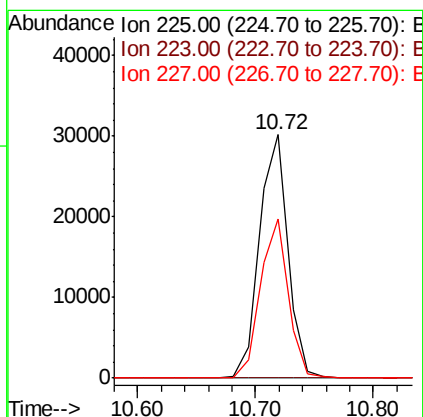
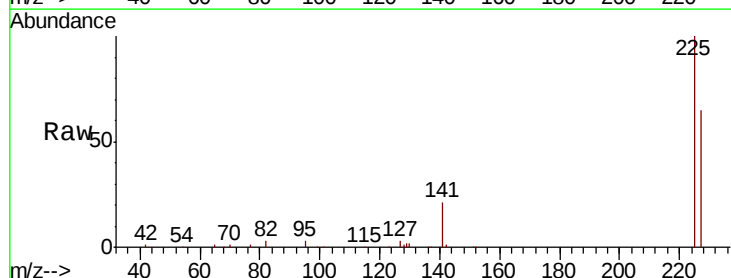
Instrument :
BNA_N
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SSTDICC5.0

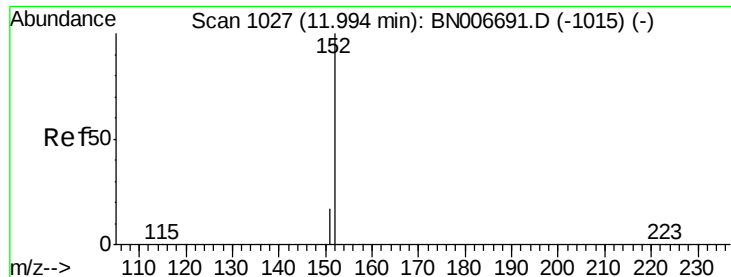
Tot Ion:128 Resp: 250824
Ion Ratio Lower Upper
128 100
129 10.9 9.6 14.4
127 13.3 11.0 16.4



#10
Hexachlorobutadiene
Concen: 4.880 ng
RT: 10.72 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Tgt Ion:225 Resp: 50972
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.7 50.9 76.3

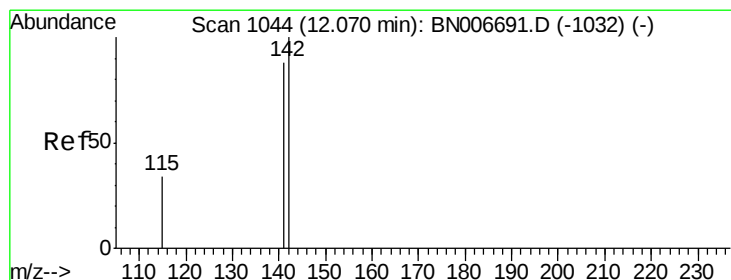
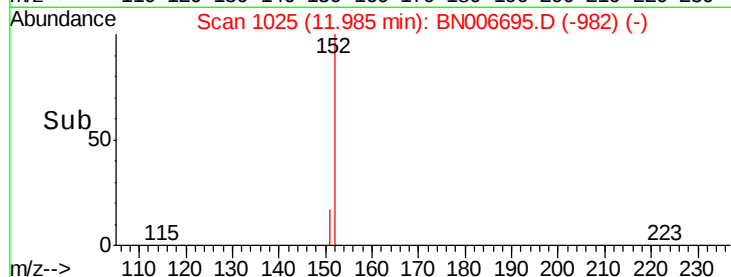
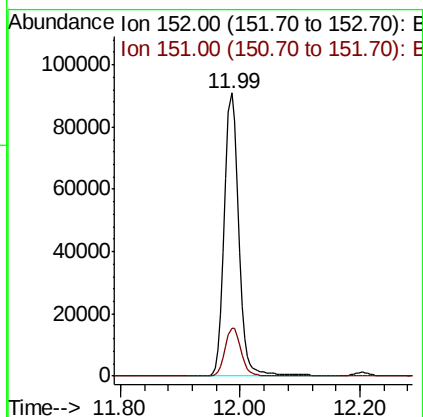
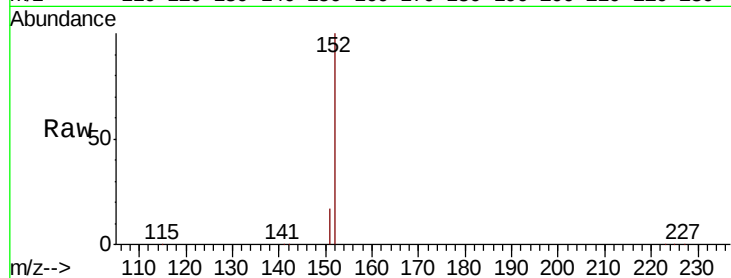




#11
 2-Methylnaphthalene-d10
 Concen: 4.888 ng
 RT: 11.99 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

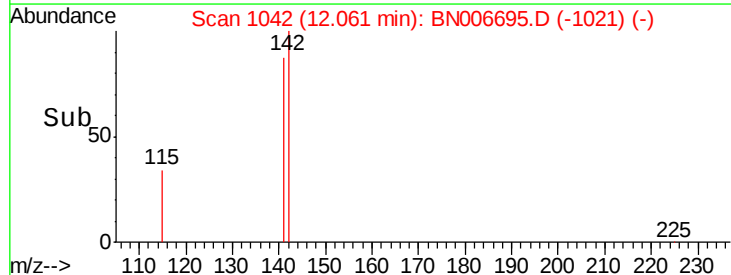
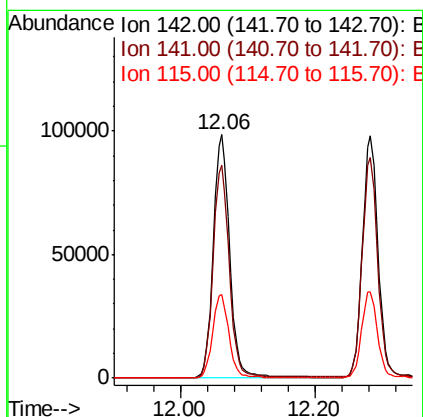
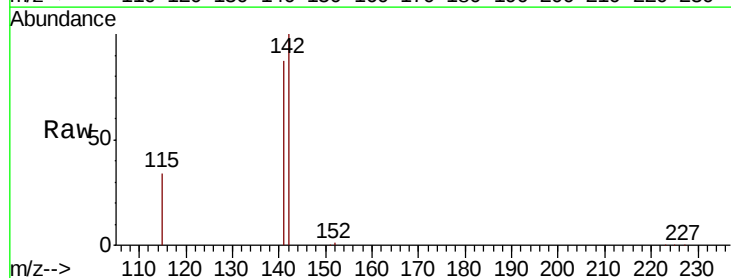
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion:152 Resp: 148906
 Ion Ratio Lower Upper
 152 100
 151 19.0 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 4.744 ng
 RT: 12.06 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

Tgt Ion:142 Resp: 166622
 Ion Ratio Lower Upper
 142 100
 141 87.3 70.3 105.5
 115 34.2 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

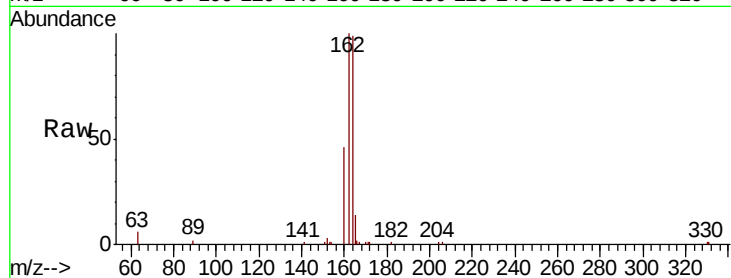
Tot Ion:164 Resp: 10057

Ion Ratio Lower Upper

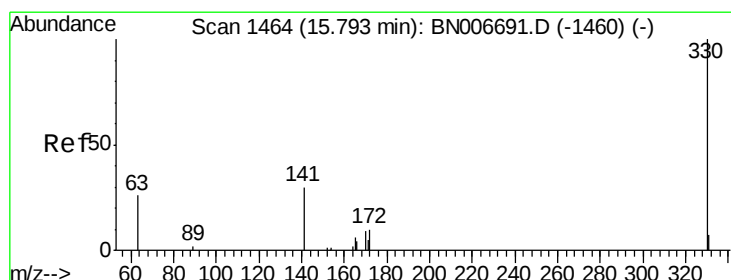
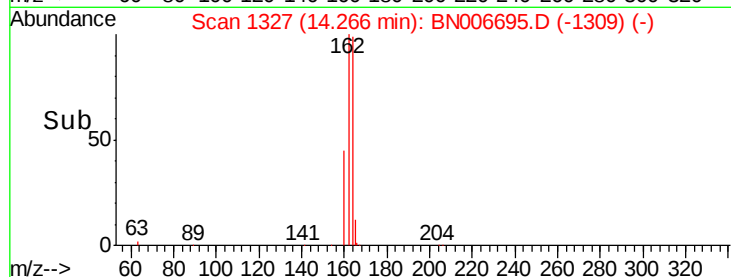
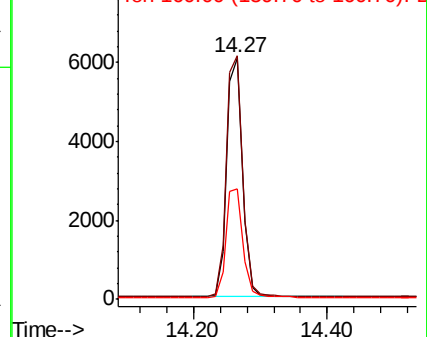
164 100

162 100.9 80.8 121.2

160 46.0 37.0 55.6



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: 5.838 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

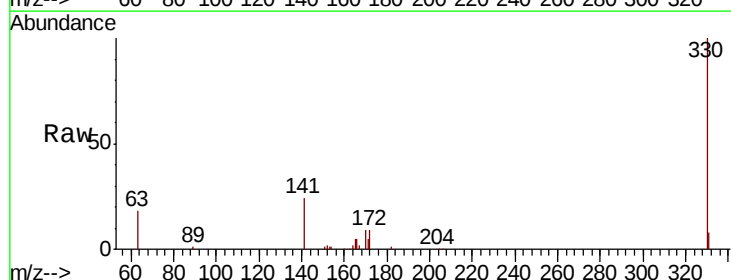
Tgt Ion:330 Resp: 27647

Ion Ratio Lower Upper

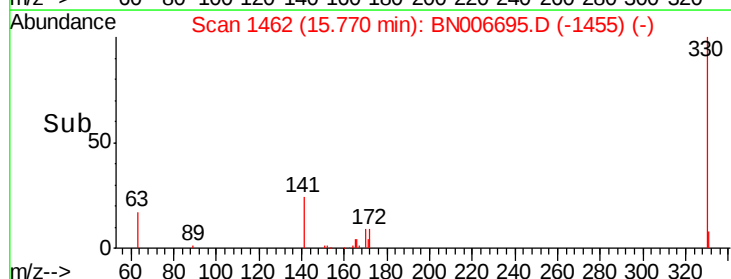
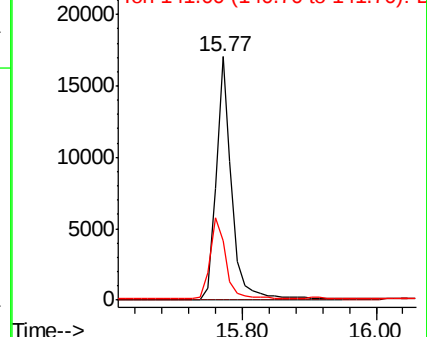
330 100

332 0.0 0.0 0.0

141 33.6 24.8 37.2



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

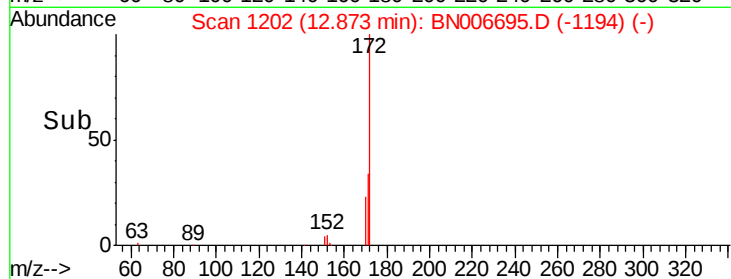
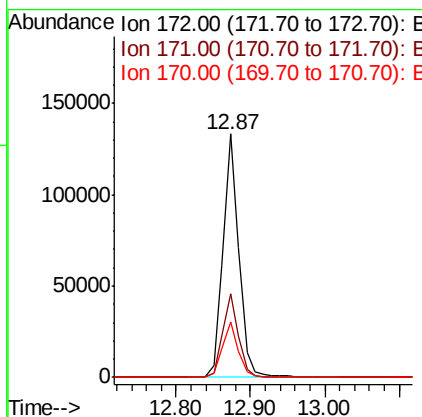
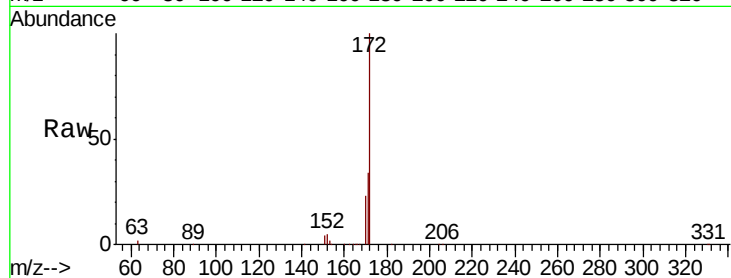




#15
2-Fluorobiphenyl
Concen: 5.272 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

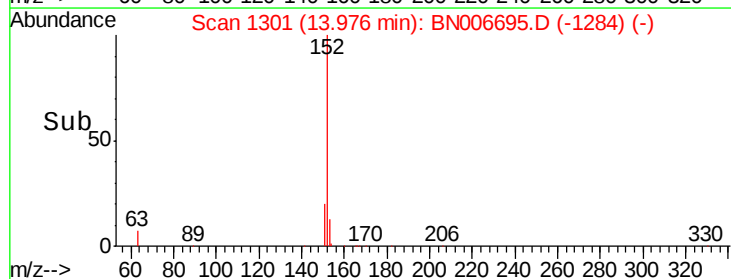
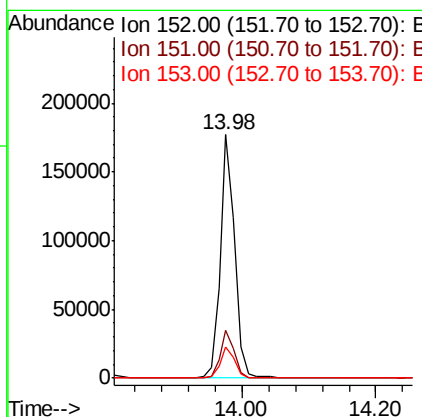
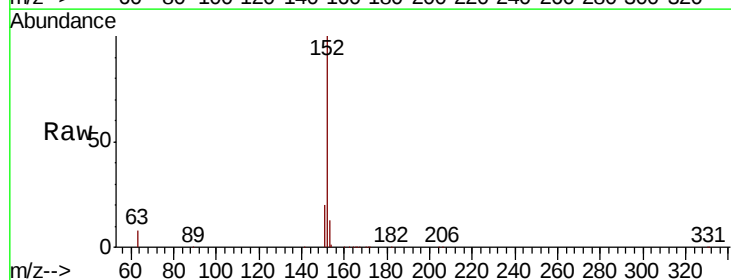
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

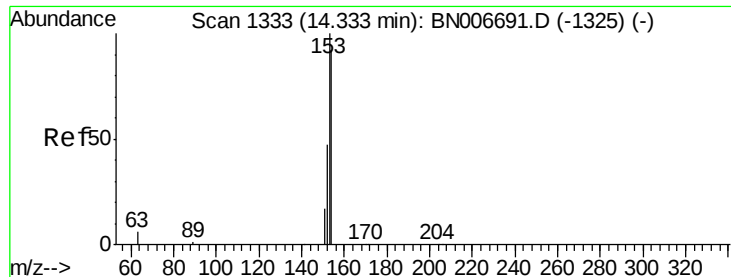
Tot Ion:172 Resp: 196466
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.7 18.9 28.3



#16
Acenaphthylene
Concen: 5.558 ng
RT: 13.98 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Tgt Ion:152 Resp: 266518
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 5.063 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

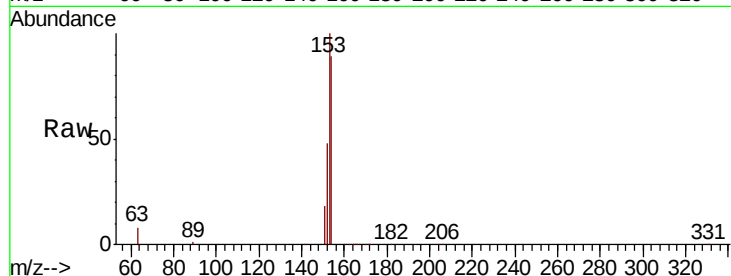
Tot Ion:154 Resp: 159952

Ion Ratio Lower Upper

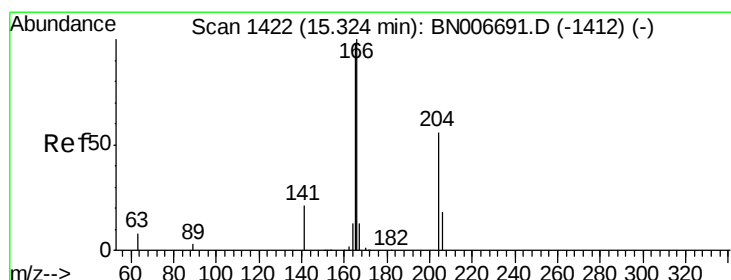
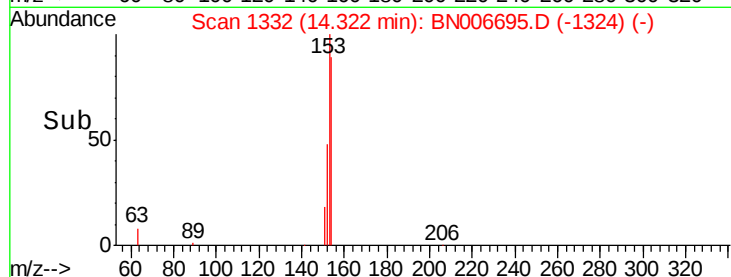
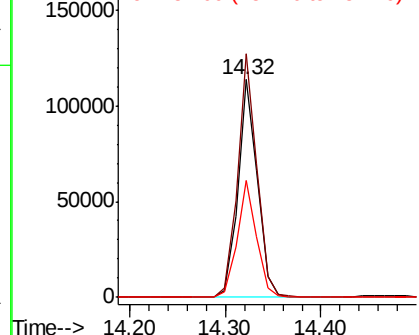
154 100

153 111.5 88.9 133.3

152 53.2 42.8 64.2



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: 5.017 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

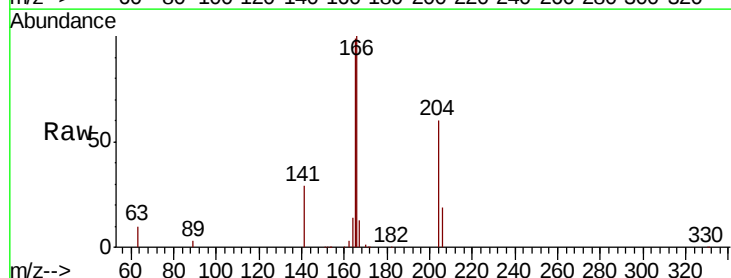
Tgt Ion:166 Resp: 199959

Ion Ratio Lower Upper

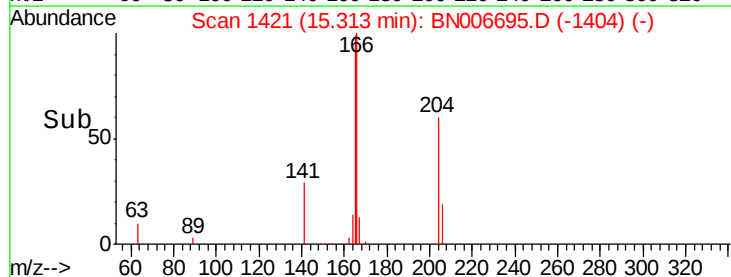
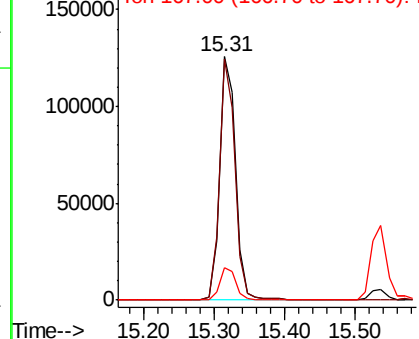
166 100

165 96.7 78.0 117.0

167 13.4 10.7 16.1



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: 17.03 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

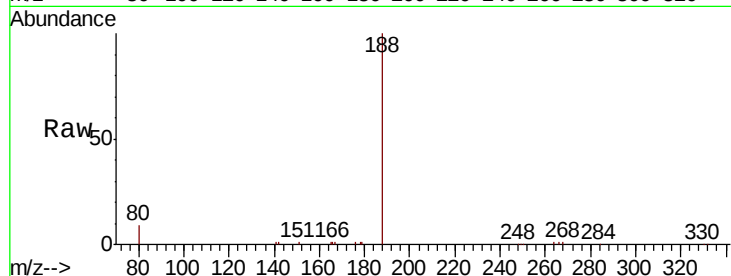
Tot Ion:188 Resp: 21098

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

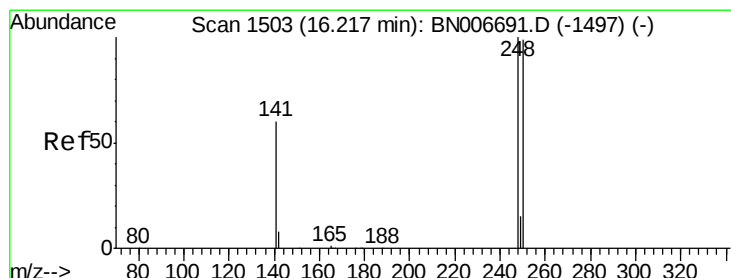
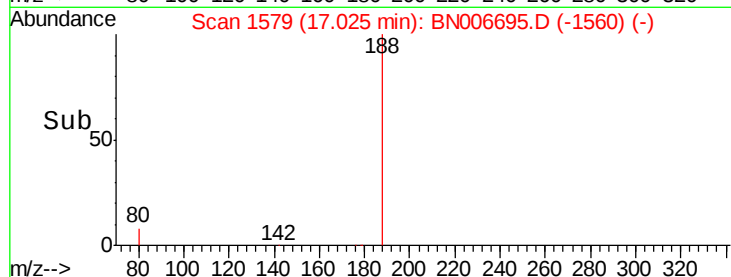
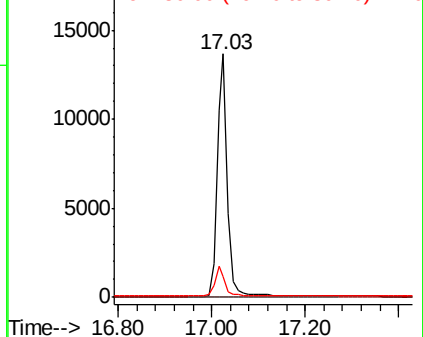
80 8.8 10.3 15.5#



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: 5.634 ng

RT: 16.21 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

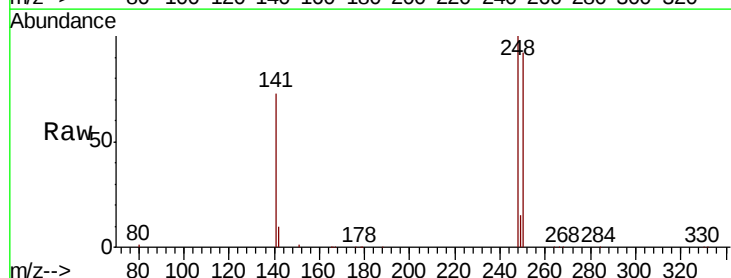
Tgt Ion:248 Resp: 65857

Ion Ratio Lower Upper

248 100

250 91.9 79.0 118.6

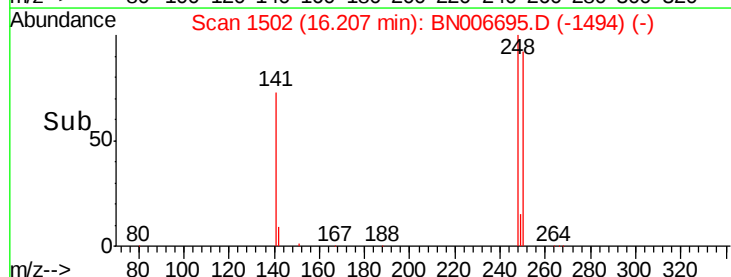
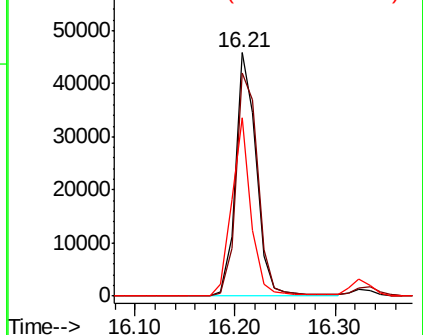
141 73.2 50.2 75.4



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: 4.994 ng

RT: 16.33 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

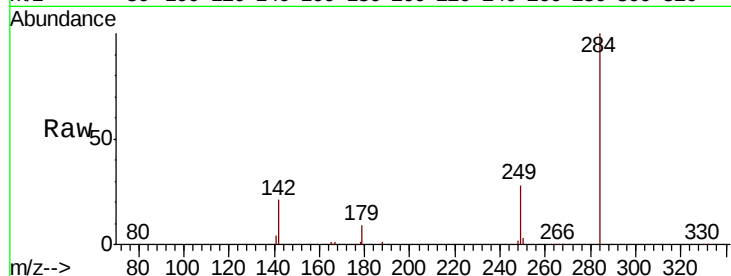
Tot Ion:284 Resp: 73778

Ion Ratio Lower Upper

284 100

142 34.0 26.9 40.3

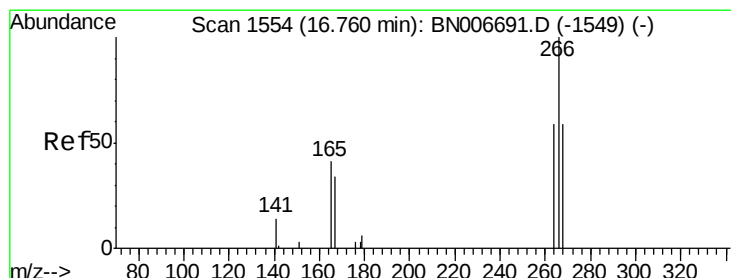
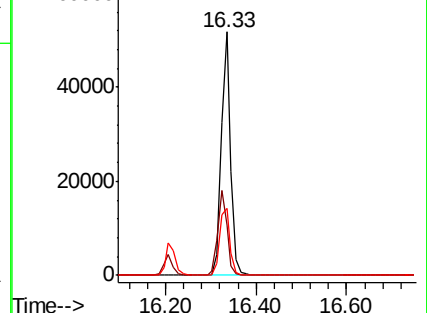
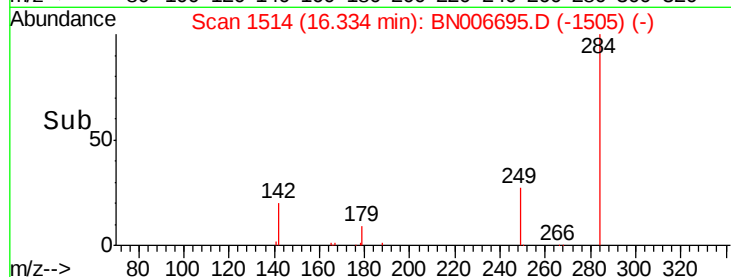
249 30.5 24.4 36.6



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: 5.639 ng

RT: 16.70 min Scan# 1548

Delta R.T. -0.06 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

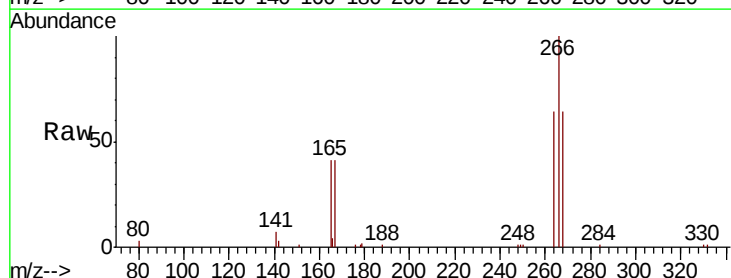
Tgt Ion:266 Resp: 13282

Ion Ratio Lower Upper

266 100

264 63.9 57.6 86.4

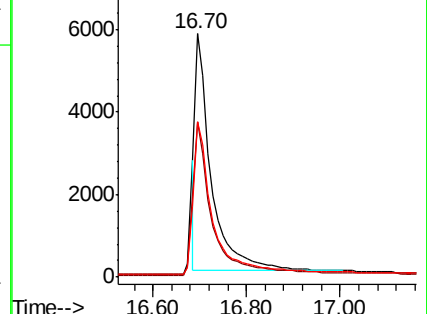
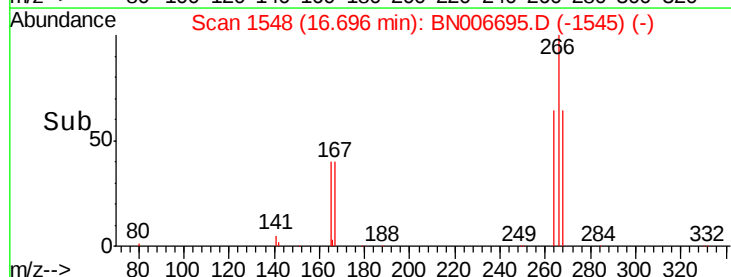
268 64.0 66.6 99.8#



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: 5.122 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

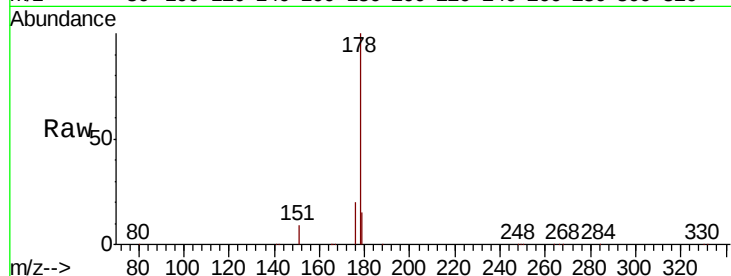
Tot Ion:178 Resp: 307302

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

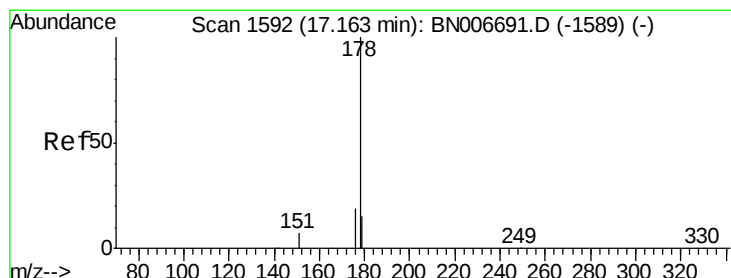
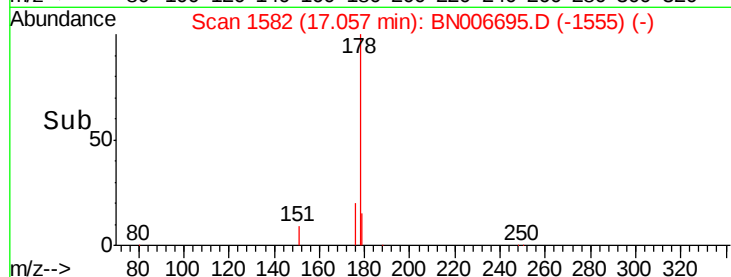
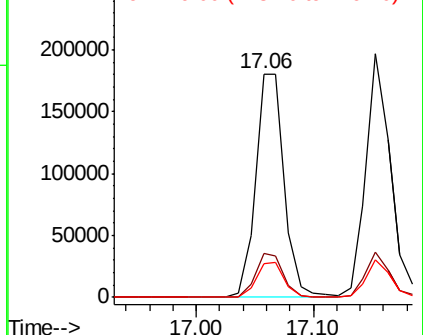
179 15.3 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 5.664 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

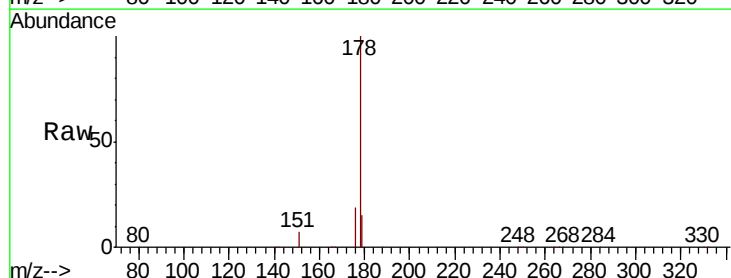
Tgt Ion:178 Resp: 294837

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

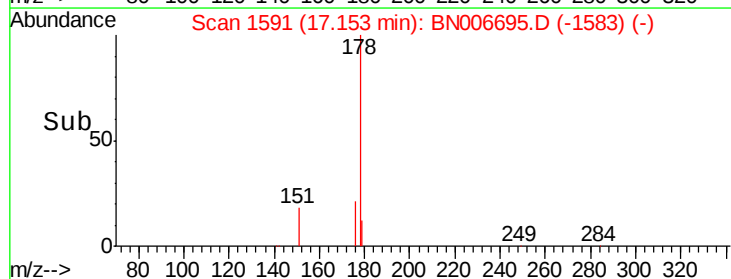
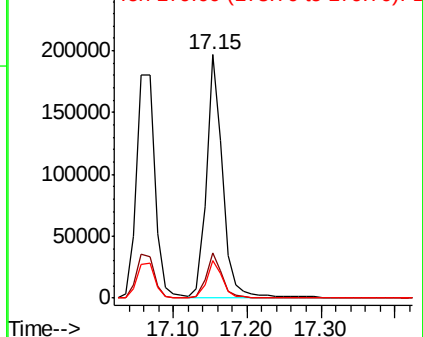
179 15.3 11.9 17.9

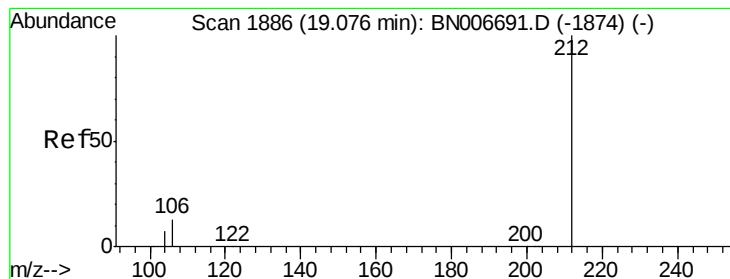


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.056 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

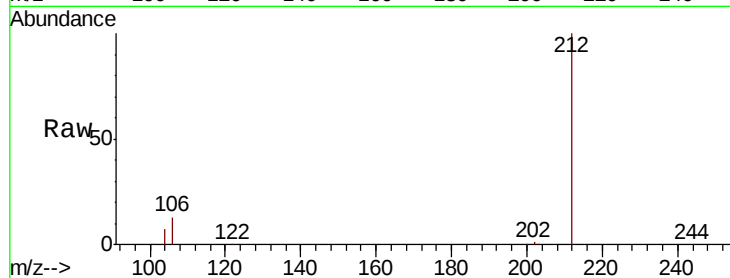
Tot Ion:212 Resp: 313300

Ion Ratio Lower Upper

212 100

106 13.9 11.0 16.6

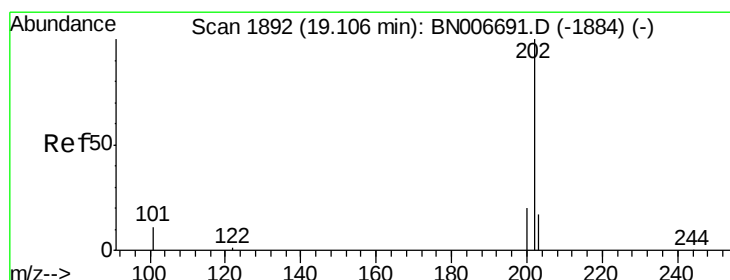
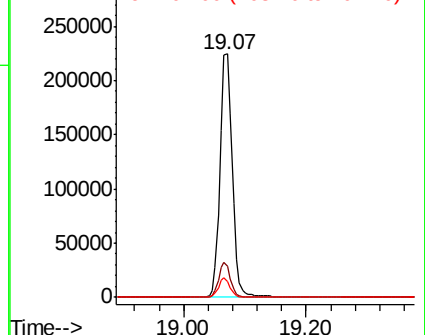
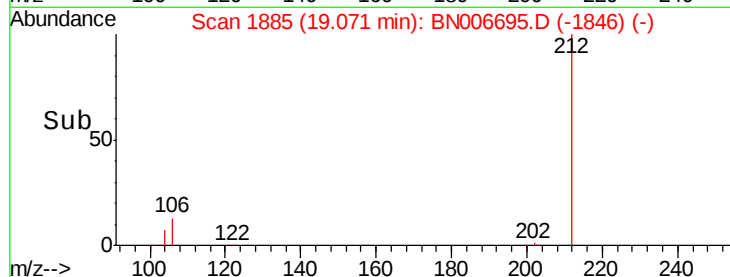
104 7.6 6.1 9.1



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: 4.808 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

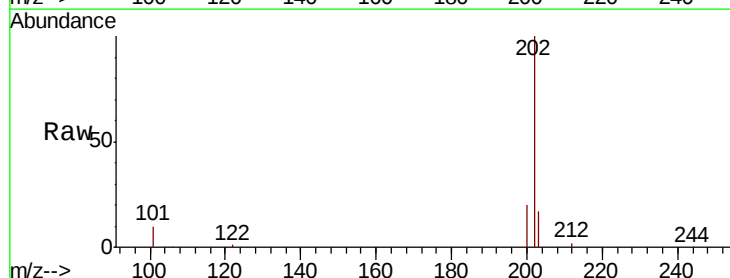
Tgt Ion:202 Resp: 350560

Ion Ratio Lower Upper

202 100

101 11.4 8.7 13.1

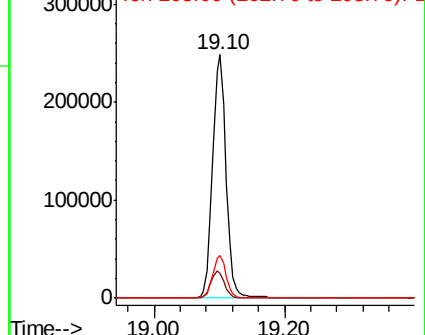
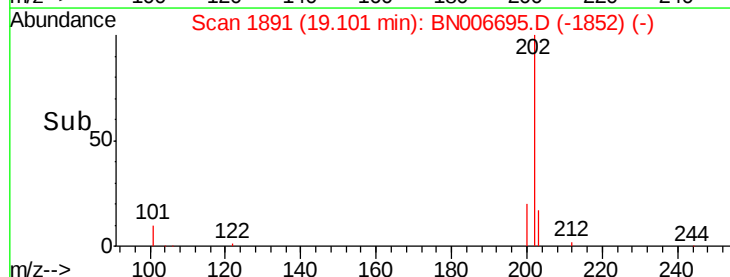
203 17.4 13.8 20.6



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

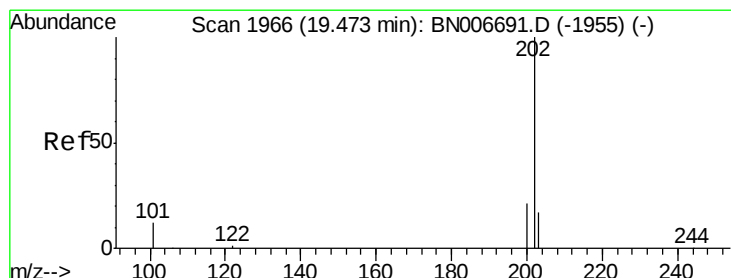
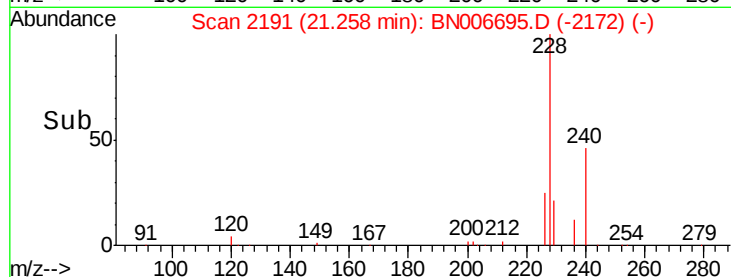
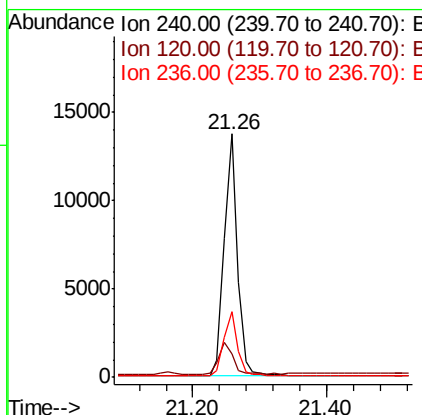
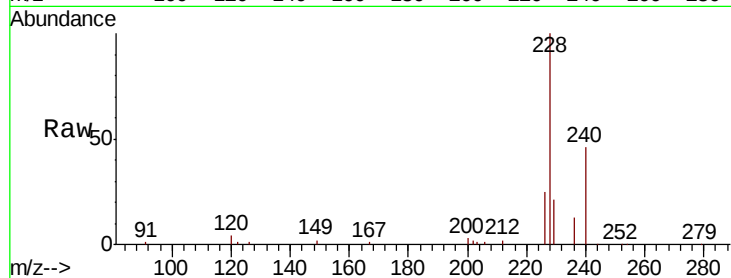




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

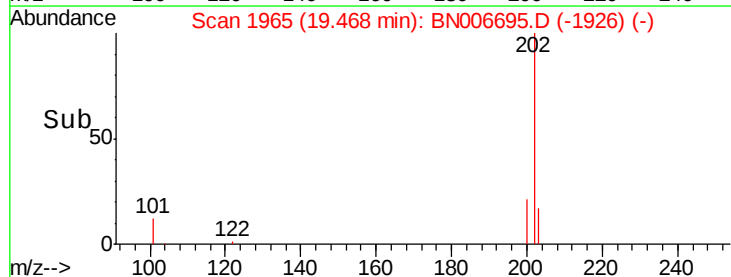
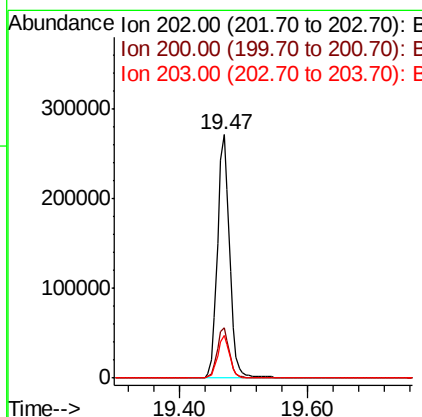
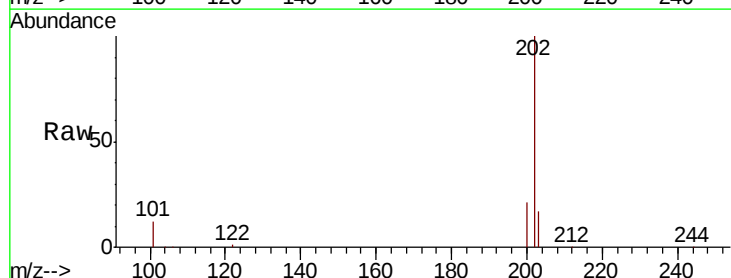
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion:240 Resp: 18862
 Ion Ratio Lower Upper
 240 100
 120 9.7 12.9 19.3#
 236 27.2 23.2 34.8



#28
 Pyrene
 Concen: 5.436 ng
 RT: 19.47 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

Tgt Ion:202 Resp: 358810
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.8 25.2
 203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 5.357 ng

RT: 19.67 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

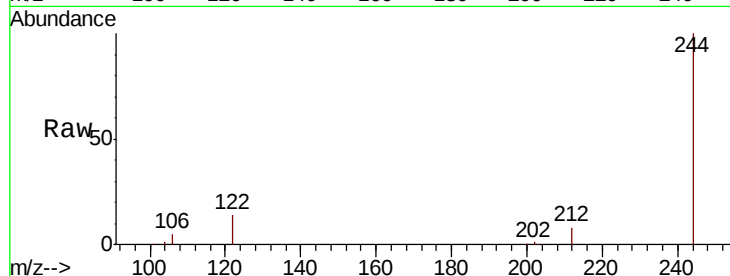
Tot Ion:244 Resp: 211645

Ion Ratio Lower Upper

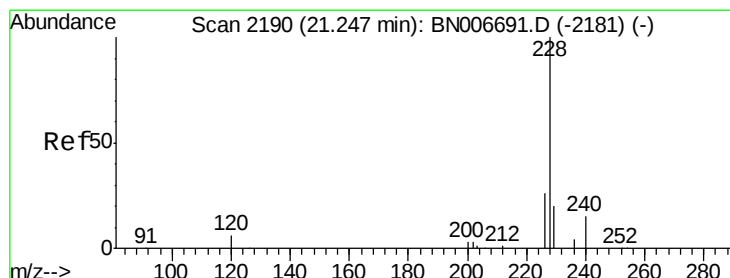
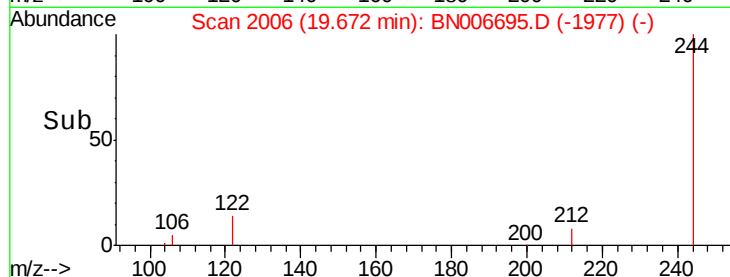
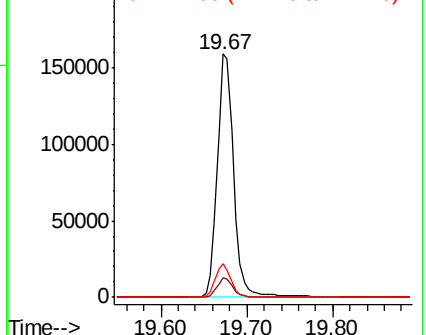
244 100

212 7.9 7.0 10.4

122 13.9 11.5 17.3



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: 5.413 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

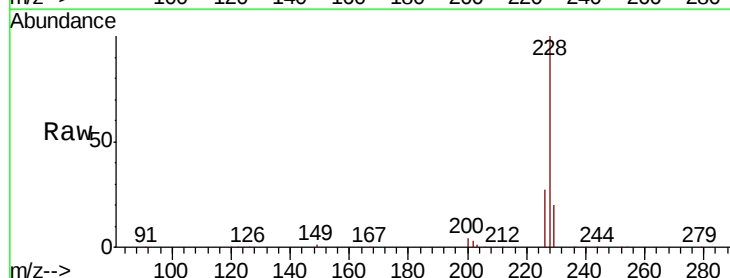
Tgt Ion:228 Resp: 333781

Ion Ratio Lower Upper

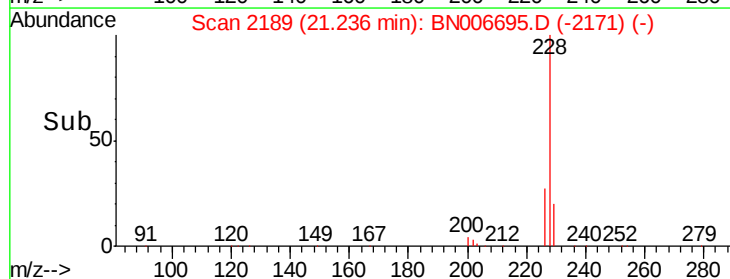
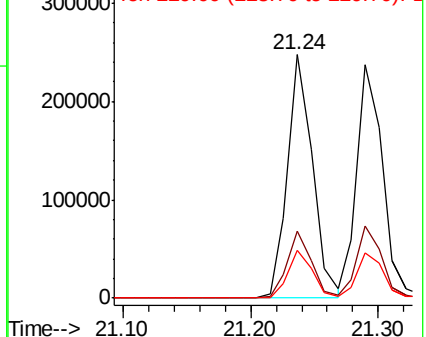
228 100

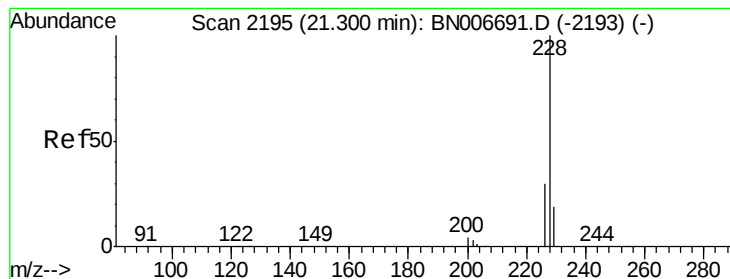
226 27.4 21.5 32.3

229 19.6 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: 5.004 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

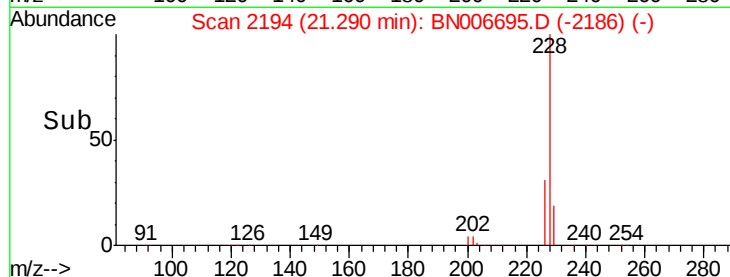
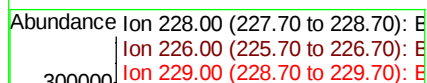
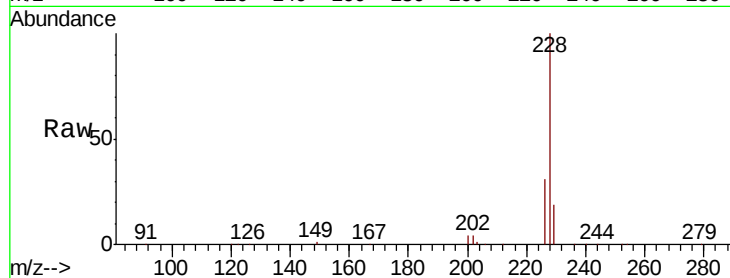
BNA_N

ClientSampleId :

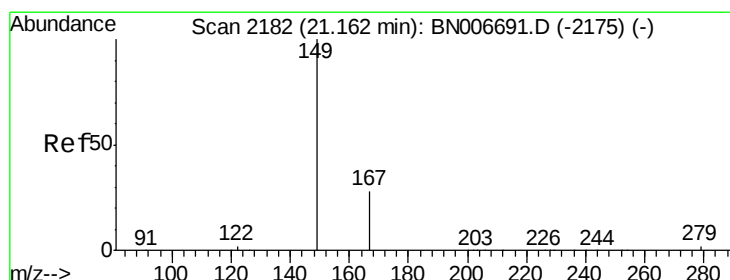
SSTDICC5.0

Tot Ion:228 Resp: 332634

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.2	15.8	23.6



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 7.216 ng

RT: 21.16 min Scan# 2182

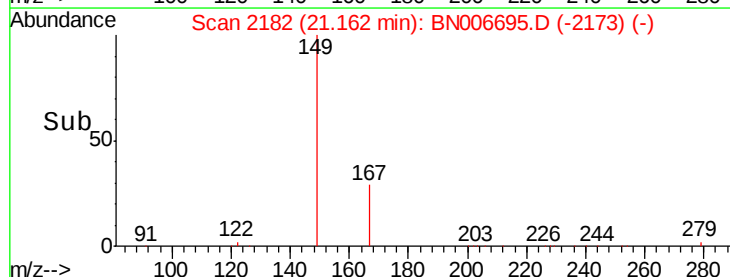
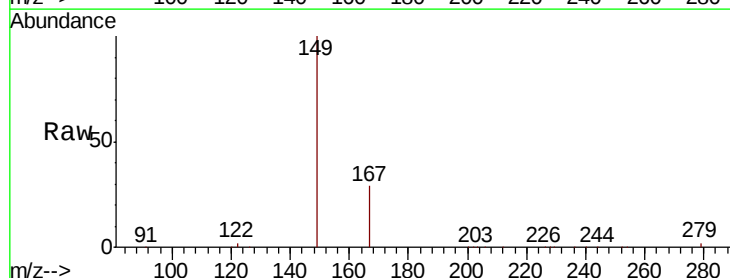
Delta R.T. 0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Tgt Ion:149 Resp: 223972

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	3.9	3.2	4.8

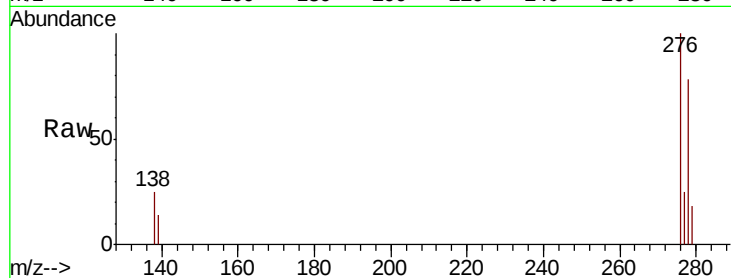




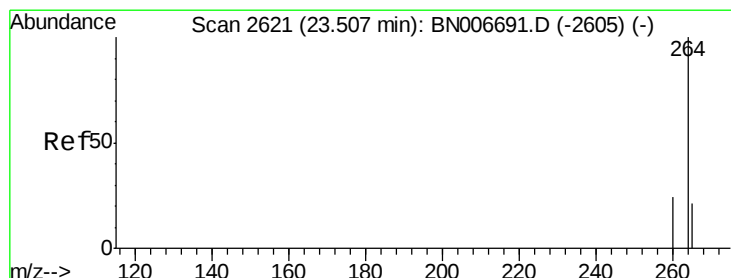
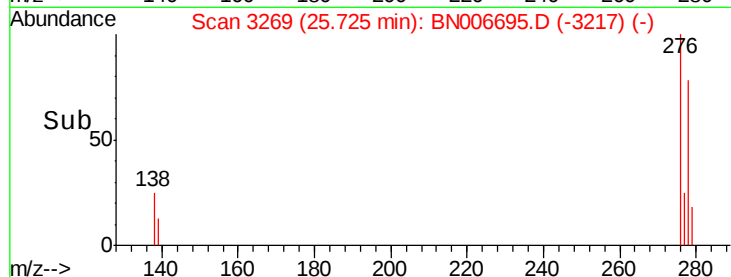
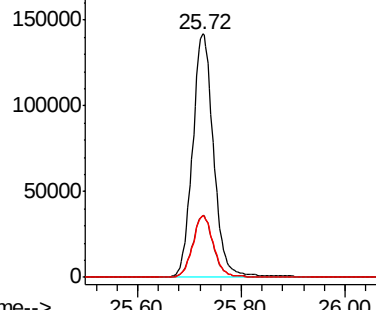
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 5.947 ng
 RT: 25.72 min Scan# 3269
 Delta R.T. -0.02 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion:276 Resp: 400148
 Ion Ratio Lower Upper
 276 100
 138 25.1 19.5 29.3
 277 25.0 19.7 29.5

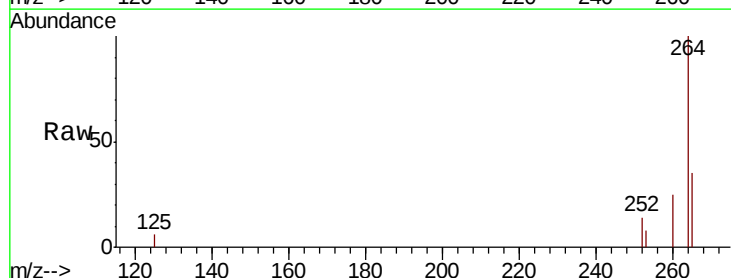


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

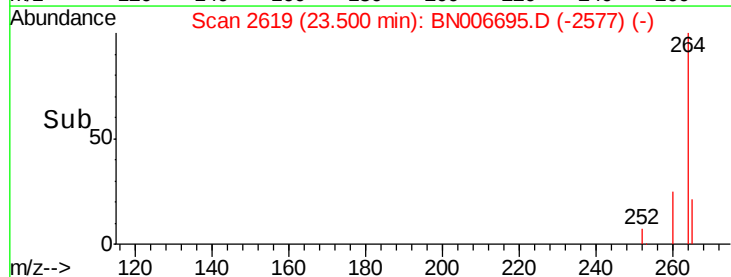
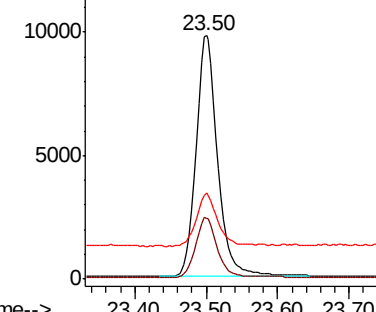


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

Tgt Ion:264 Resp: 20557
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.2
 265 35.2 33.7 50.5



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: 4.844 ng

RT: 22.83 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

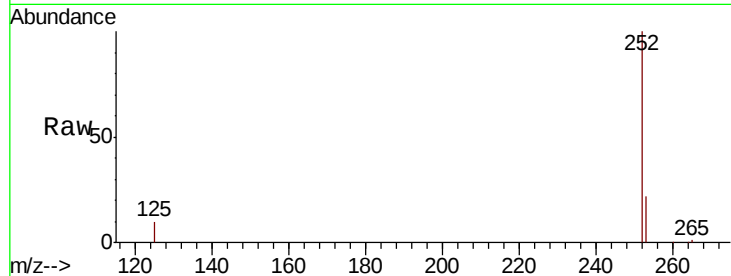
Tot Ion:252 Resp: 338743

Ion Ratio Lower Upper

252 100

253 21.8 20.2 30.2

125 10.0 11.5 17.3#

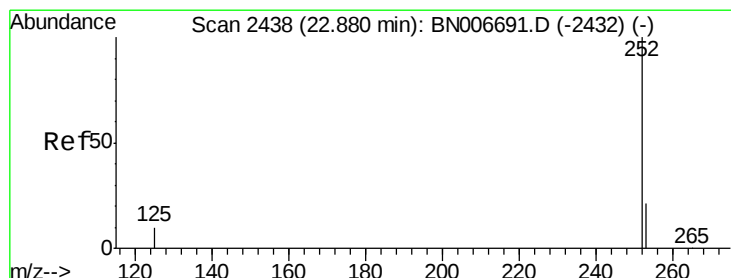
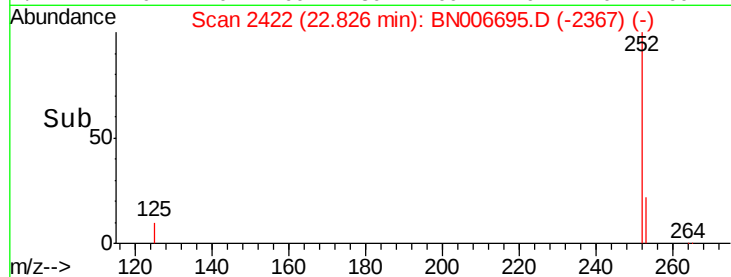
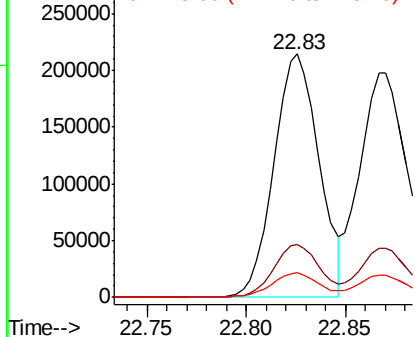


Abundance

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: 4.705 ng

RT: 22.87 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

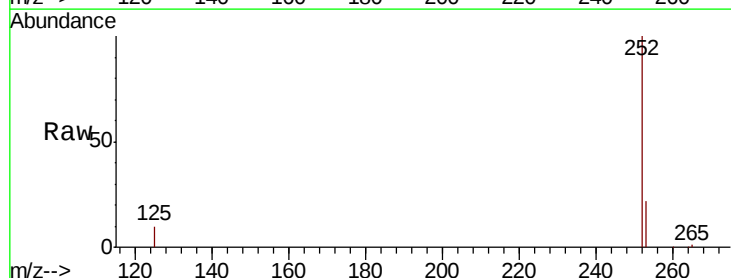
Tgt Ion:252 Resp: 350740

Ion Ratio Lower Upper

252 100

253 22.0 20.1 30.1

125 9.8 11.4 17.0#

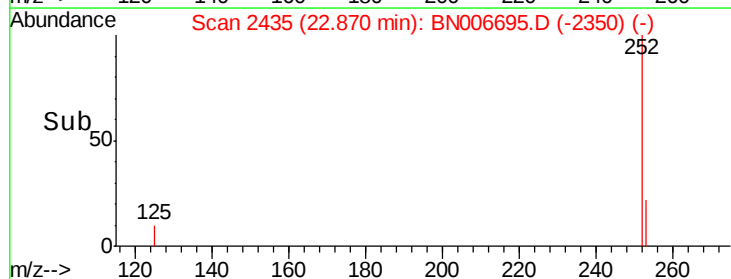
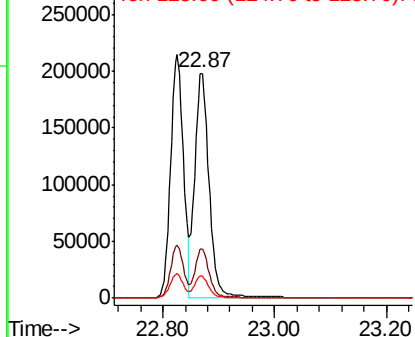


Abundance

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: 5.009 ng

RT: 23.40 min Scan# 2589

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

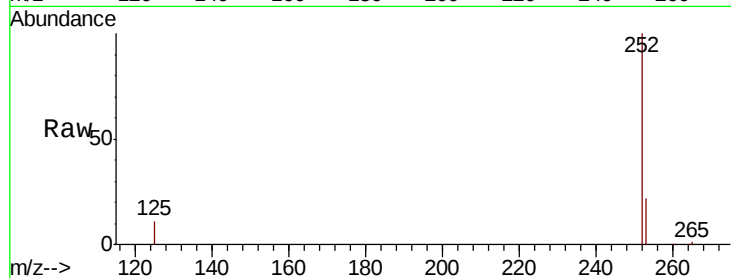
Tot Ion:252 Resp: 327463

Ion Ratio Lower Upper

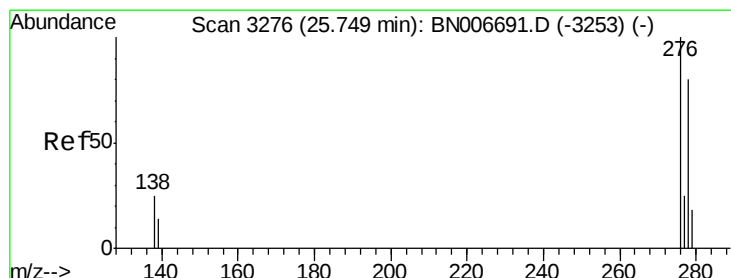
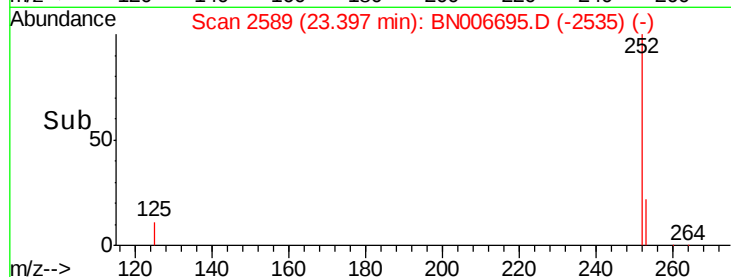
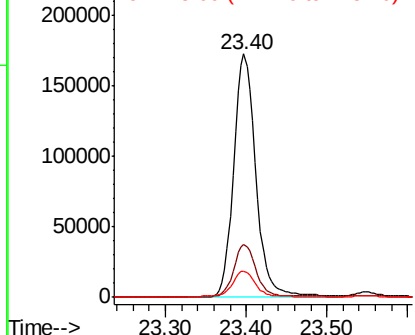
252 100

253 21.9 21.4 32.2

125 10.9 13.3 19.9#



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: 5.649 ng

RT: 25.73 min Scan# 3271

Delta R.T. -0.02 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

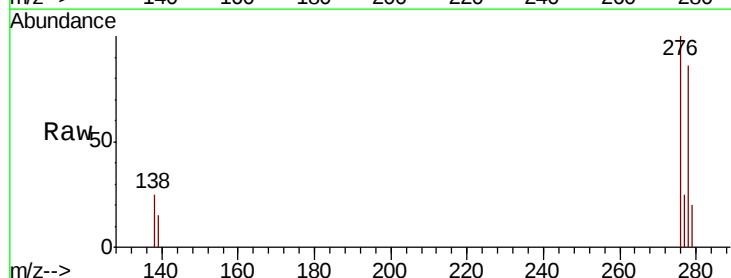
Tgt Ion:278 Resp: 322638

Ion Ratio Lower Upper

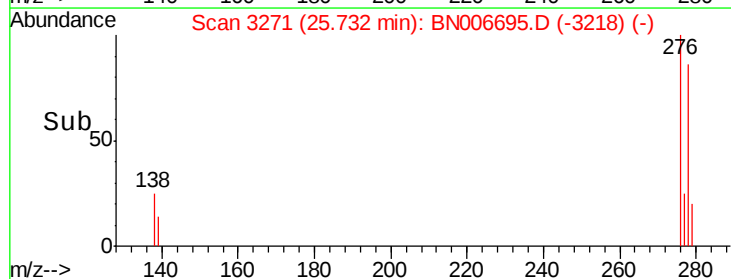
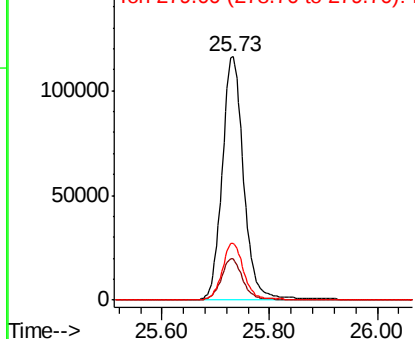
278 100

139 16.8 16.2 24.4

279 23.4 20.7 31.1



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: 5.778 ng

RT: 26.41 min Scan# 3469

Delta R.T. -0.02 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

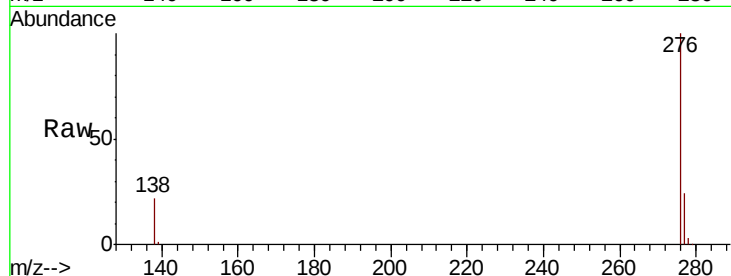
Tot Ion: 276 Resp: 329421

Ion Ratio Lower Upper

276 100

277 23.7 20.6 30.8

138 21.8 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

