

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070219\
 Data File : BN006701.D
 Acq On : 02 Jul 2019 20:37
 Operator : HP/JU
 Sample : K3505-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B212-062019MS

Quant Time: Jul 03 04:50:29 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 17:43:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4375	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	16025	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	8126	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	16729	0.40	ng	0.00
27) Chrysene-d12	21.25	240	12923	0.40	ng	-0.01
34) Perylene-d12	23.48	264	13114	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2831	0.24	ng	0.00
5) Phenol-d6	6.81	99	4007	0.27	ng	-0.02
8) Nitrobenzene-d5	8.79	82	2748	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	11.99	152	8350	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	914	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	8317	0.26	ng	0.00
25) Fluoranthene-d10	19.07	212	10798	0.23	ng	0.00
29) Terphenyl-d14	19.67	244	7586	0.25	ng	0.00

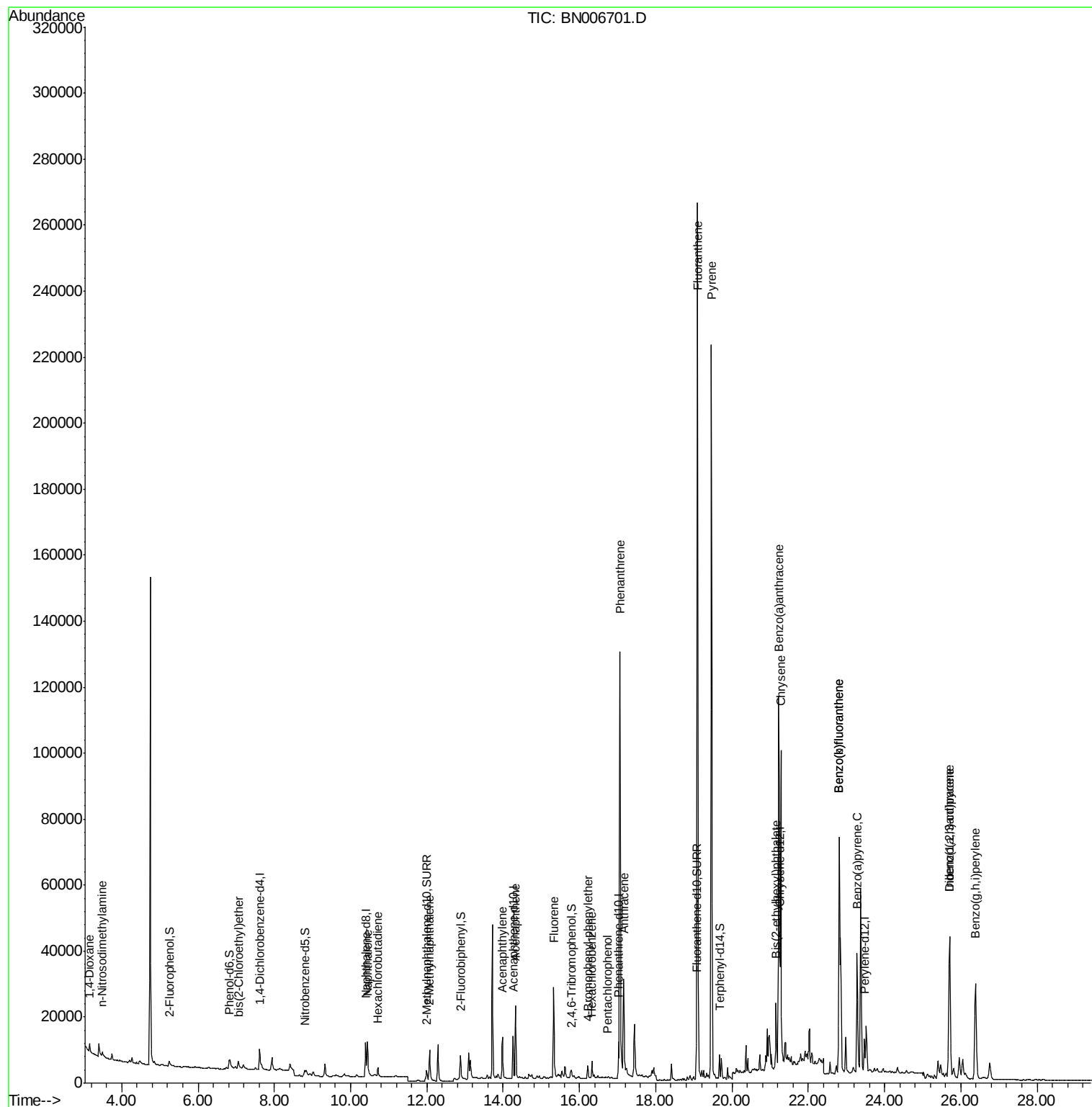
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	1435	0.210	ng	# 63
3) n-Nitrosodimethylamine	3.49	42	1148	0.223	ng	# 77
6) bis(2-Chloroethyl)ether	7.06	93	2851	0.224	ng	95
9) Naphthalene	10.44	128	16540	0.377	ng	99
10) Hexachlorobutadiene	10.72	225	2195	0.247	ng	# 100
12) 2-Methylnaphthalene	12.07	142	9268	0.288	ng	99
16) Acenaphthylene	13.99	152	15815	0.390	ng	100
17) Acenaphthene	14.32	154	11640	0.451	ng	98
18) Fluorene	15.32	166	17227	0.537	ng	94
20) 4-Bromophenyl-phenylether	16.22	248	2498	0.253	ng	99
21) Hexachlorobenzene	16.33	284	2882	0.246	ng	99
22) Pentachlorophenol	16.73	266	103	0.259	ng	92
23) Phenanthrene	17.07	178	159411	3.306	ng	100
24) Anthracene	17.16	178	42625	0.978	ng	99
26) Fluoranthene	19.10	202	241993	4.274	ng	99
28) Pyrene	19.46	202	196478	3.799	ng	98
30) Benzo(a)anthracene	21.23	228	99016	2.222	ng	98
31) Chrysene	21.28	228	86660	1.886	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	16017	0.120	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	63070	1.148	ng	97
35) Benzo(b)fluoranthene	22.81	252	113865	2.705	ng	# 94
36) Benzo(k)fluoranthene	22.81	252	113865	2.495	ng	# 95
37) Benzo(a)pyrene	23.28	252	48506	1.190	ng	95
38) Dibenzo(a,h)anthracene	25.71	278	23337	0.576	ng	98
39) Benzo(g,h,i)perylene	26.39	276	60065	1.441	ng	96

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

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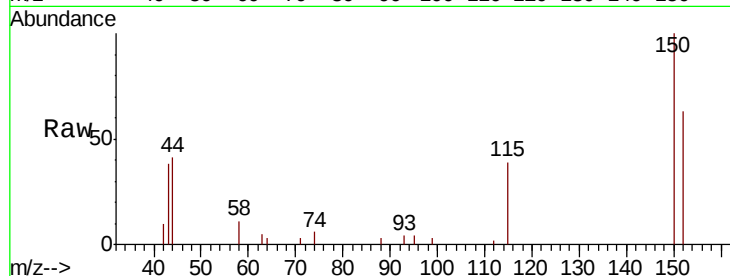


#1

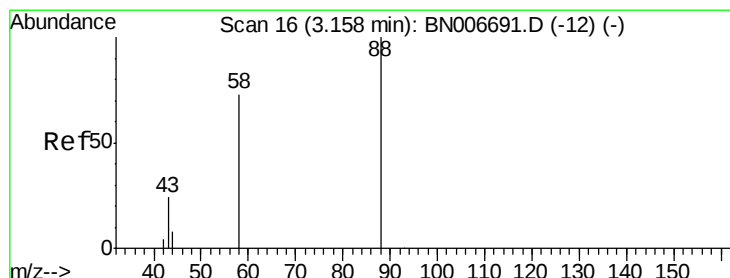
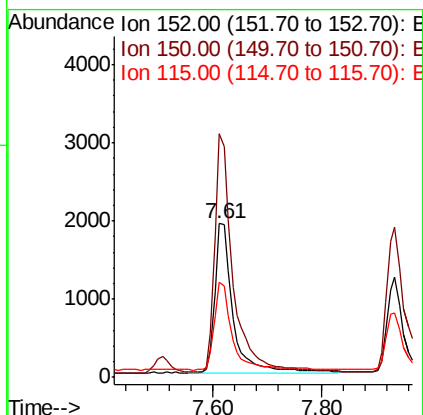
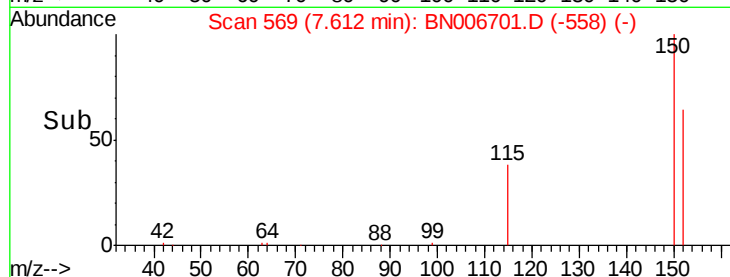
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion: 152 Resp: 4375
Ion Ratio Lower Upper
152 100
150 158.6 120.6 181.0
115 62.1 51.0 76.6



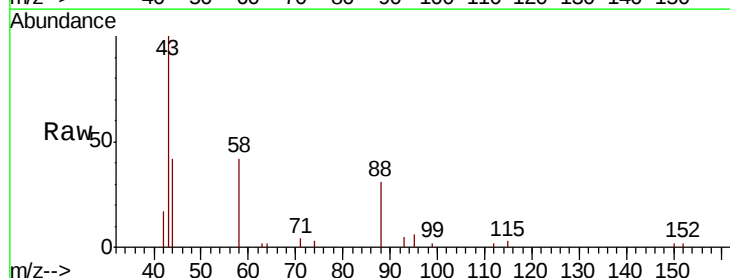
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



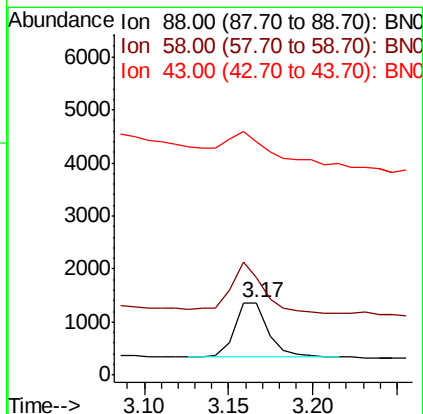
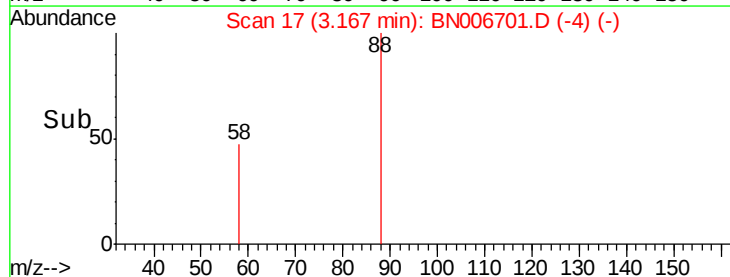
#2

1,4-Dioxane
Concen: 0.210 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion: 88 Resp: 1435
Ion Ratio Lower Upper
88 100
58 92.5 61.1 91.7#
43 85.0 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: 0.223 ng

RT: 3.49 min Scan# 57

Delta R.T. -0.01 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

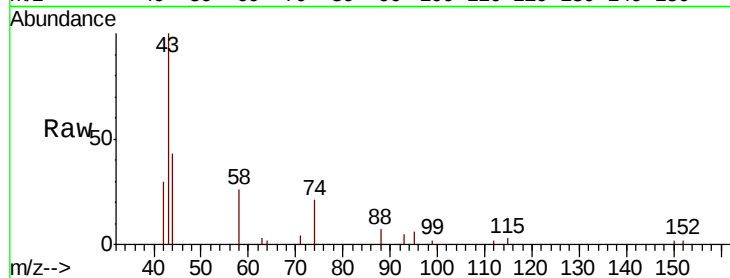
Tgt Ion: 42 Resp: 1148

Ion Ratio Lower Upper

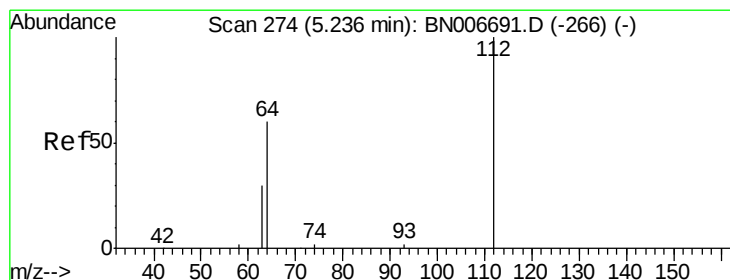
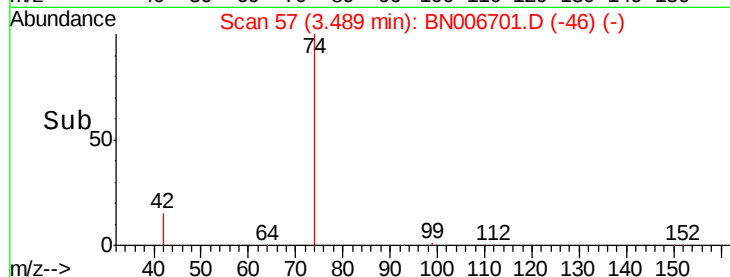
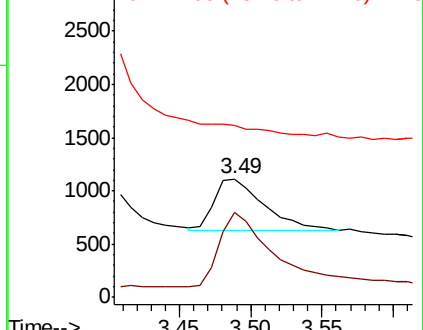
42 100

74 160.5 106.6 160.0#

44 0.0 8.0 12.0#



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



#4

2-Fluorophenol

Concen: 0.238 ng

RT: 5.24 min Scan# 275

Delta R.T. 0.01 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

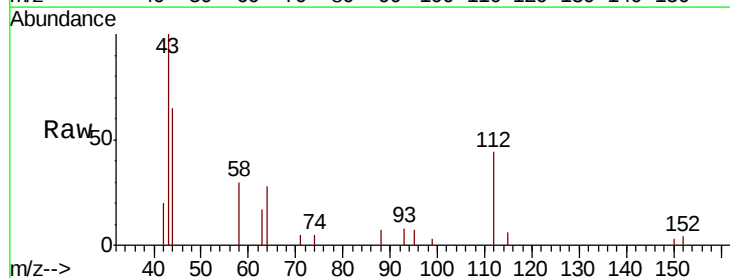
Tgt Ion: 112 Resp: 2831

Ion Ratio Lower Upper

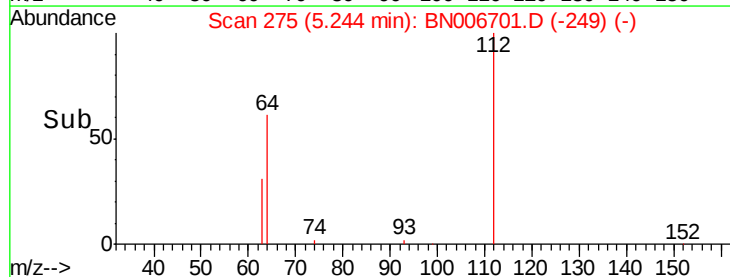
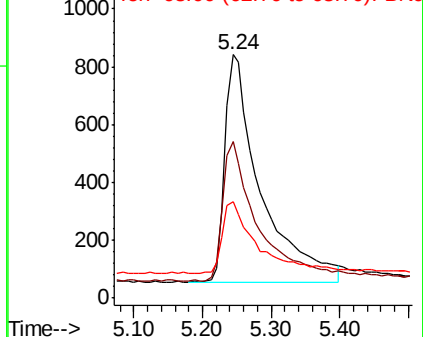
112 100

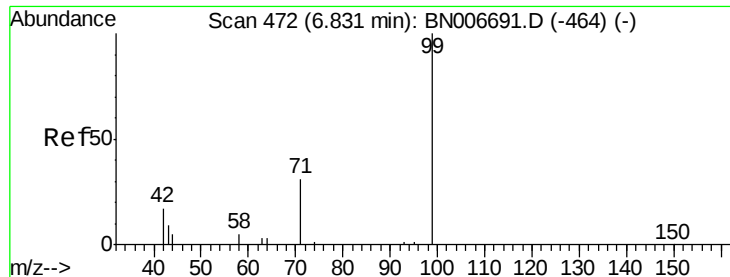
64 61.4 49.8 74.6

63 31.1 25.8 38.6



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





#5

Phenol-d6

Concen: 0.266 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

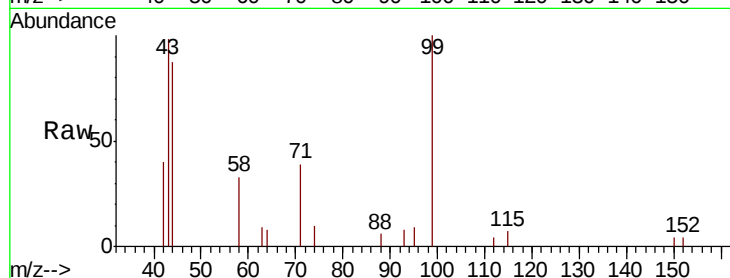
Tgt Ion: 99 Resp: 4007

Ion Ratio Lower Upper

99 100

42 26.5 16.6 25.0#

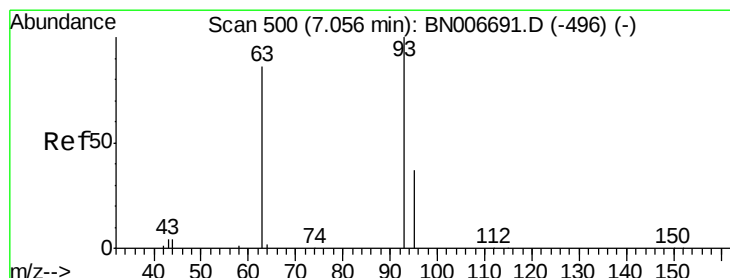
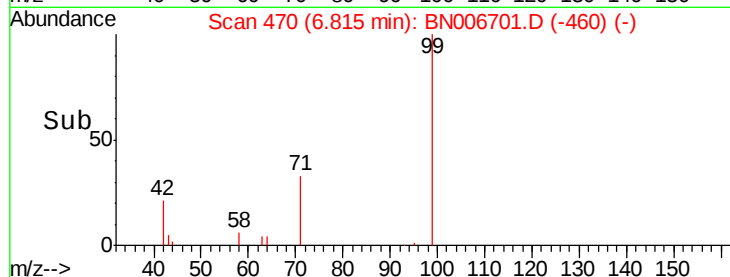
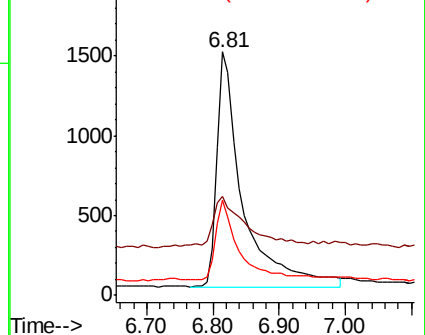
71 31.8 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.224 ng

RT: 7.06 min Scan# 500

Delta R.T. 0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

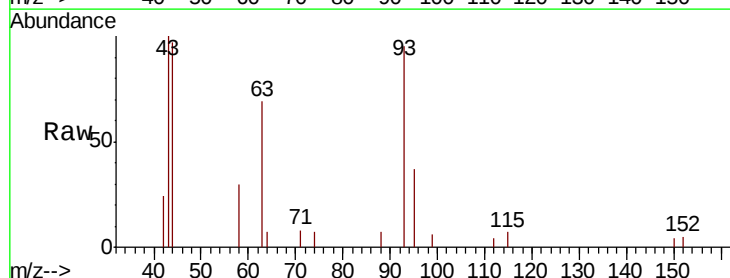
Tgt Ion: 93 Resp: 2851

Ion Ratio Lower Upper

93 100

63 79.5 58.6 87.8

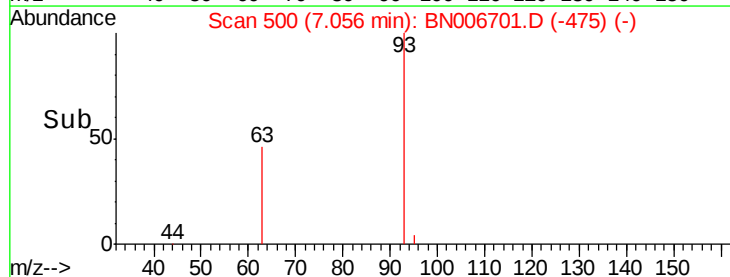
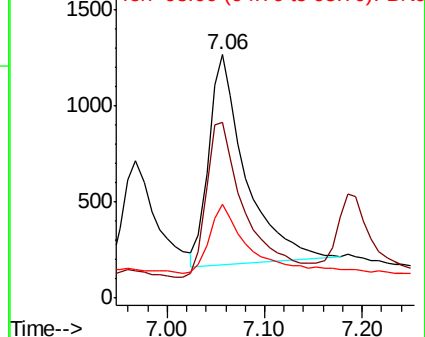
95 35.3 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. 0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

Tgt Ion: 136 Resp: 16025

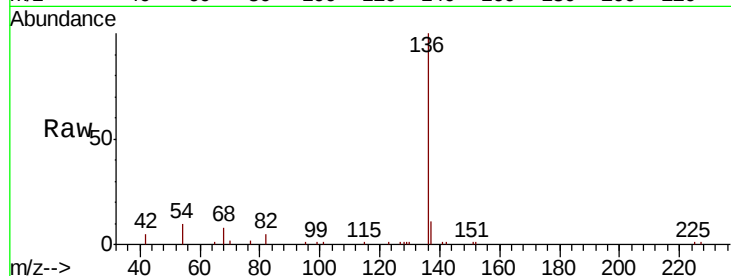
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 9.7 8.4 12.6

68 7.7 6.8 10.2

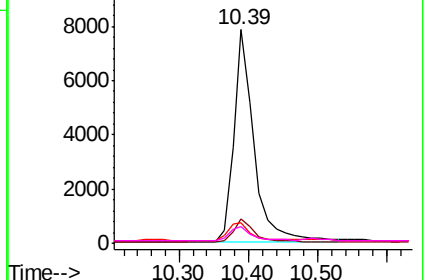
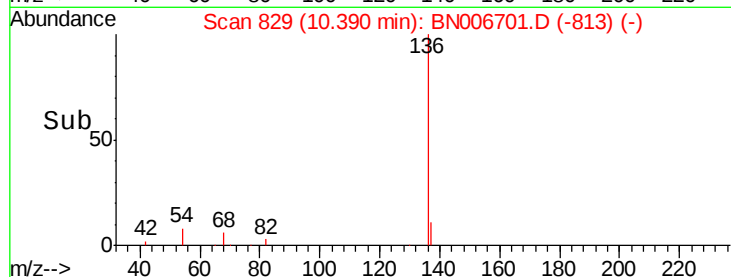


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.224 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

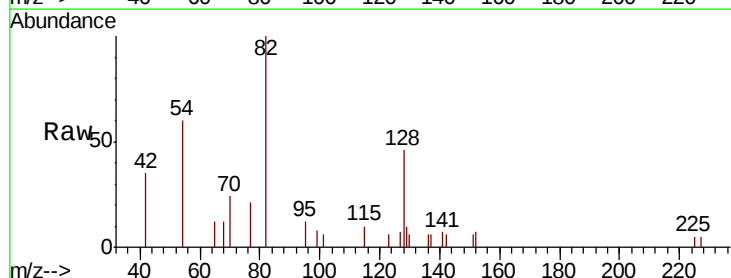
Tgt Ion: 82 Resp: 2748

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

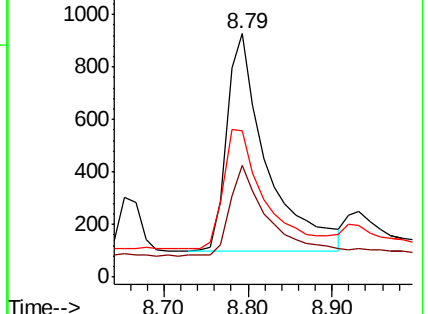
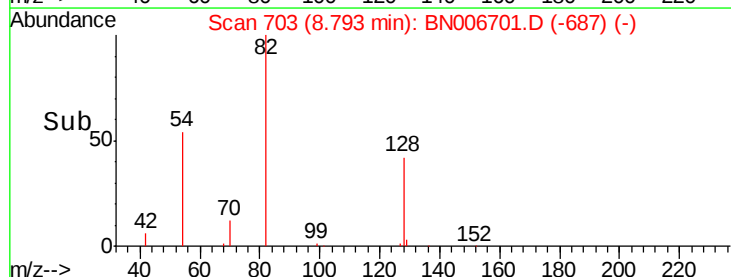
54 59.9 44.5 66.7



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: 0.377 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

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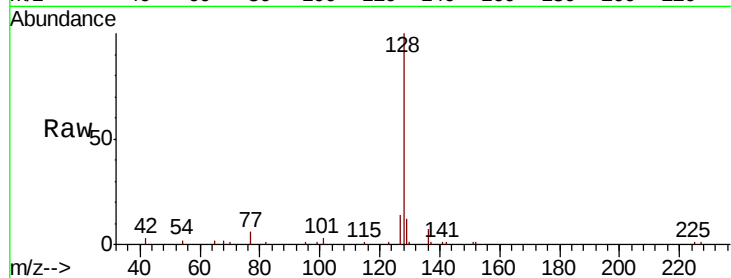
Tgt Ion:128 Resp: 16540

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

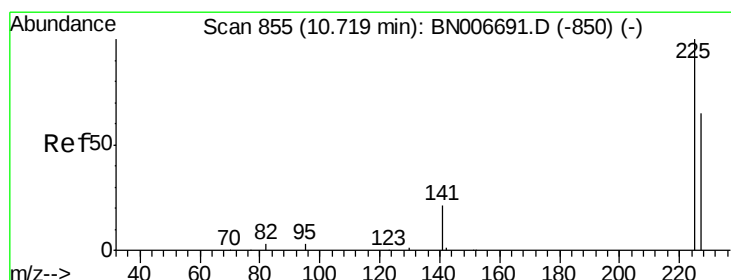
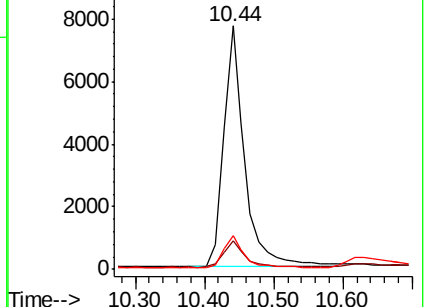
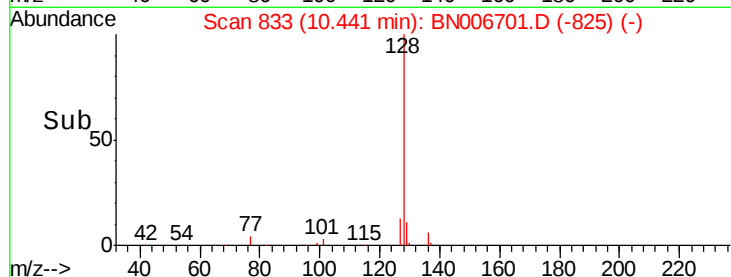
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.247 ng

RT: 10.72 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

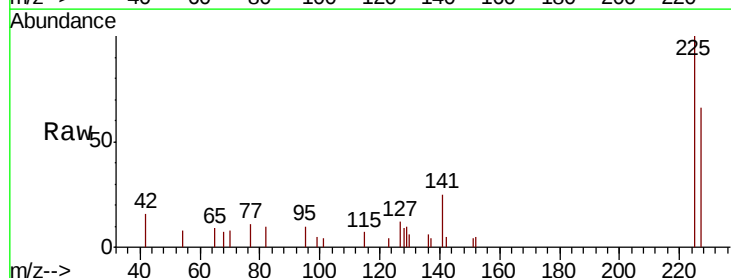
Tgt Ion:225 Resp: 2195

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

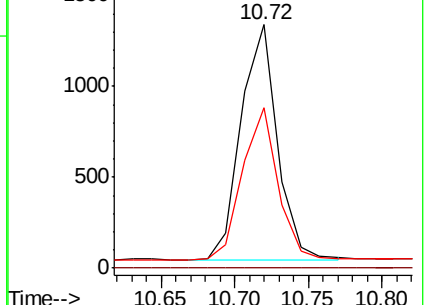
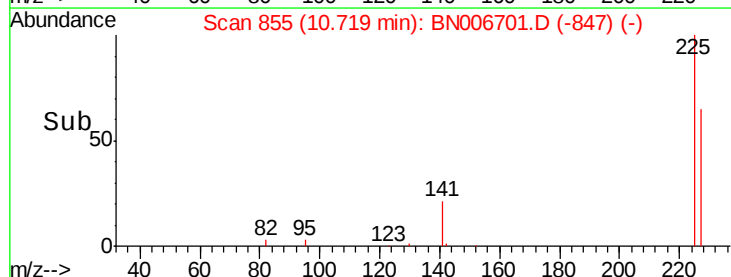
227 63.6 50.9 76.3

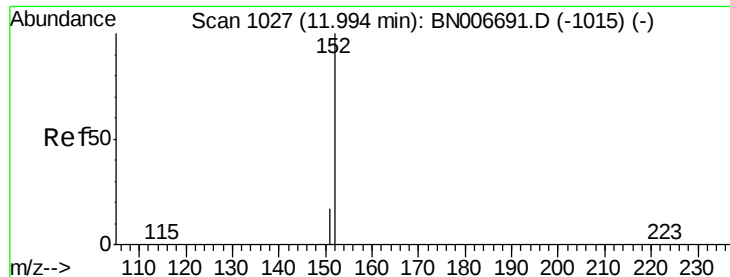


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

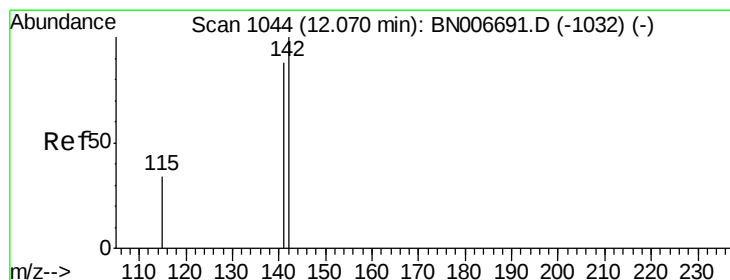
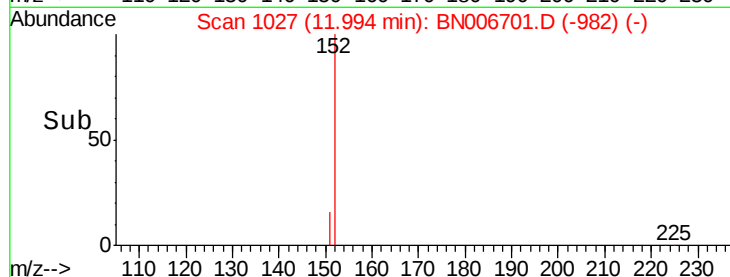
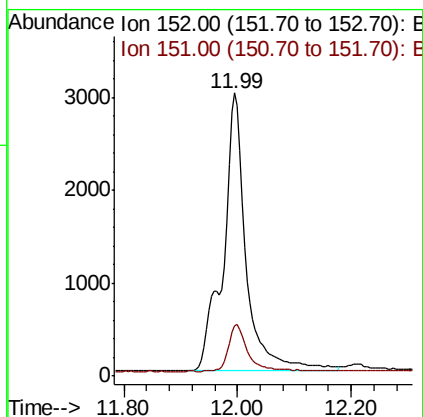
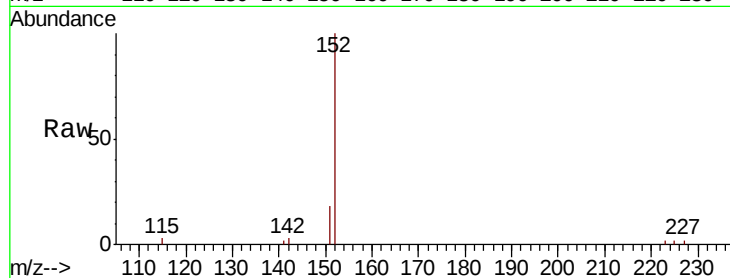




#11
 2-Methylnaphthalene-d10
 Concen: 0.347 ng
 RT: 11.99 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BN006701.D
 Acq: 02 Jul 2019 20:37

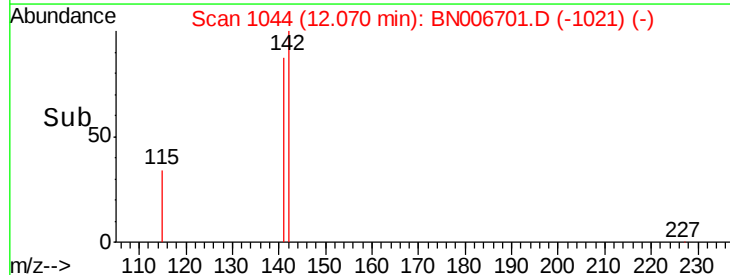
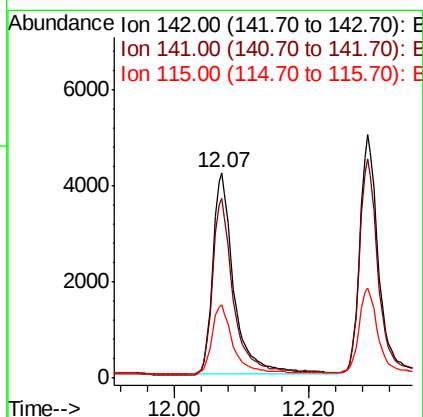
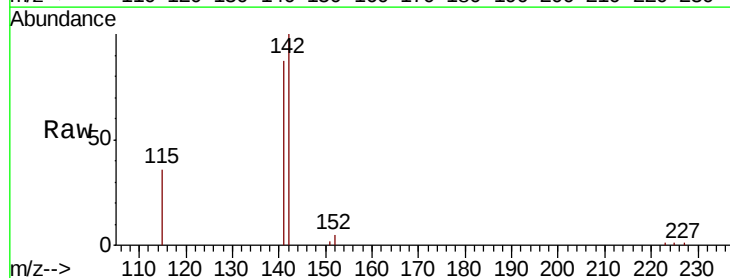
Instrument :
 BNA_N
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 PST-013-B212-062019MS

Tgt Ion:152 Resp: 8350
 Ion Ratio Lower Upper
 152 100
 151 13.9 14.9 22.3#



#12
 2-Methylnaphthalene
 Concen: 0.288 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BN006701.D
 Acq: 02 Jul 2019 20:37

Tgt Ion:142 Resp: 9268
 Ion Ratio Lower Upper
 142 100
 141 87.3 70.3 105.5
 115 35.8 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: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

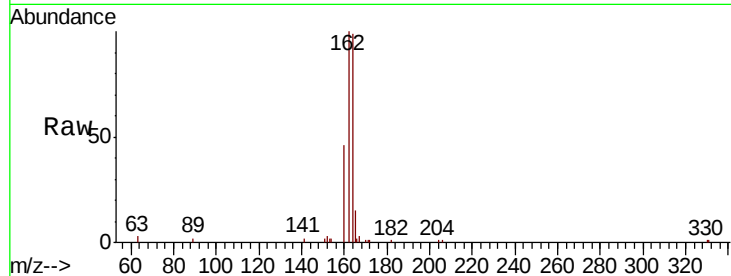
Tgt Ion:164 Resp: 8126

Ion Ratio Lower Upper

164 100

162 100.9 80.8 121.2

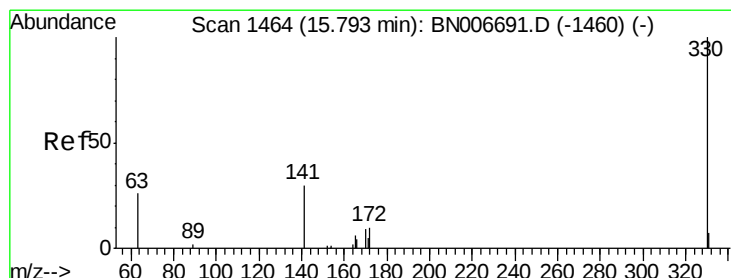
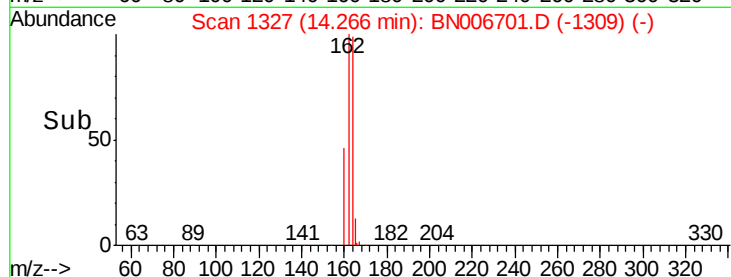
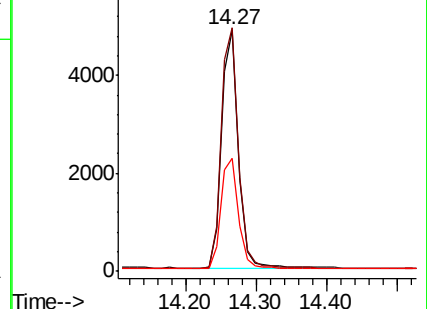
160 46.9 37.0 55.6



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: 0.229 ng

RT: 15.79 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

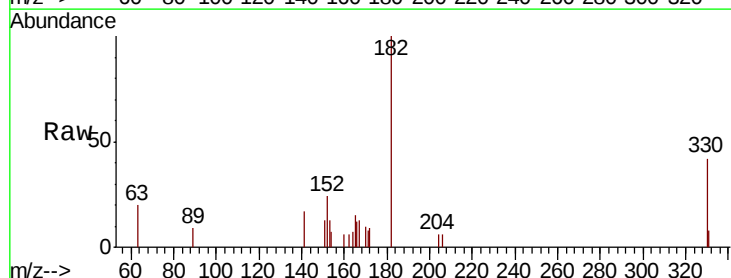
Tgt Ion:330 Resp: 914

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

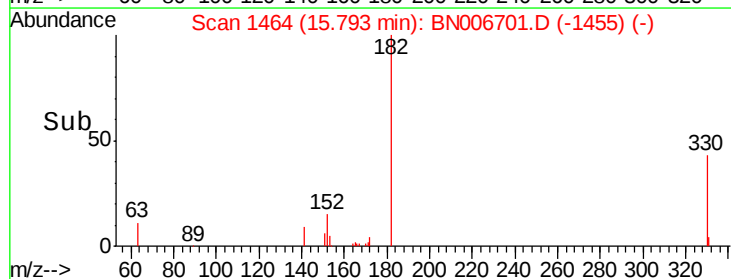
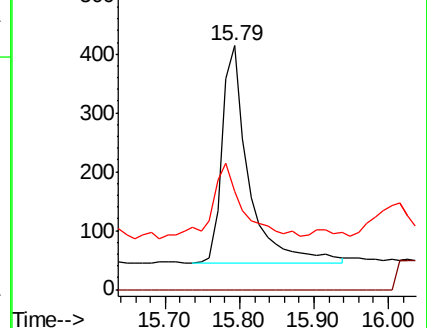
141 35.0 24.8 37.2



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

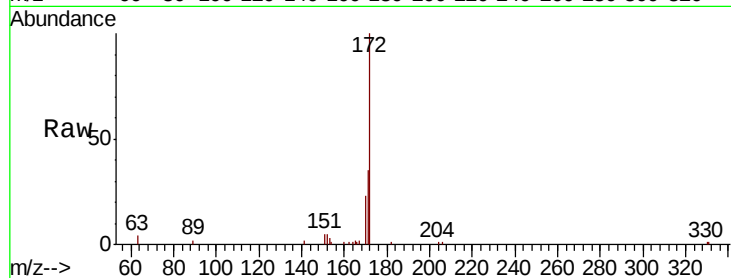




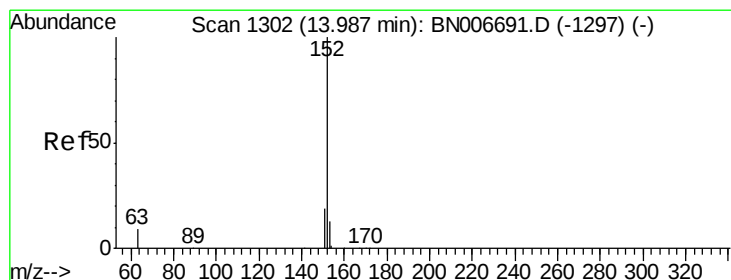
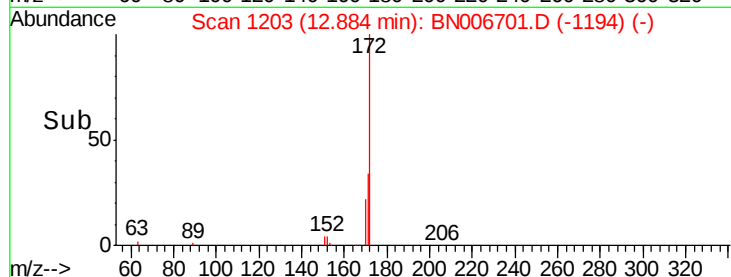
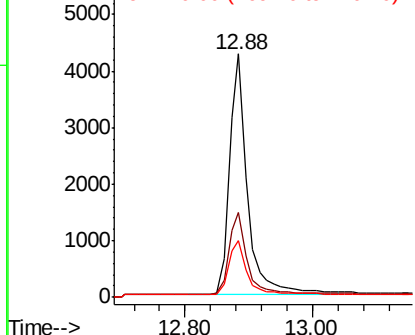
#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:172 Resp: 8317
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.1 18.9 28.3

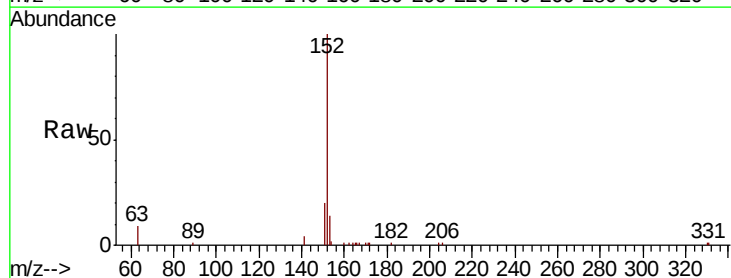


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

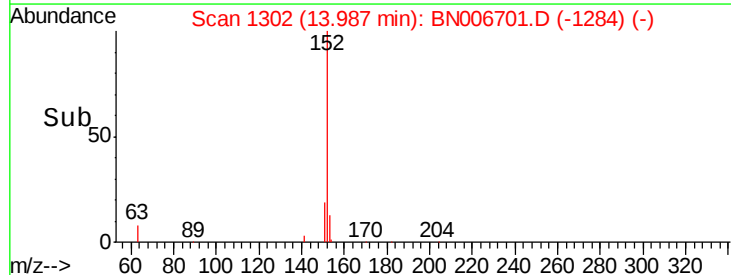
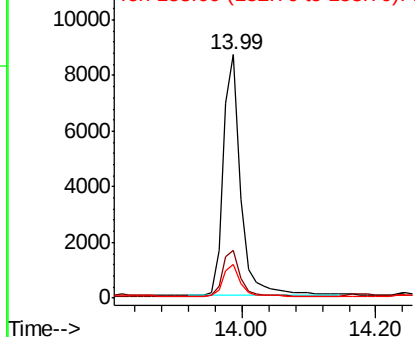


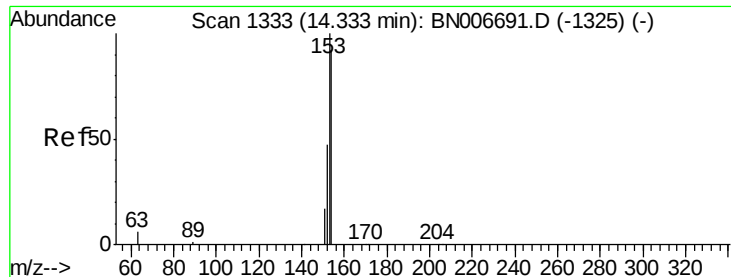
#16
Acenaphthylene
Concen: 0.390 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:152 Resp: 15815
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.3 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.451 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

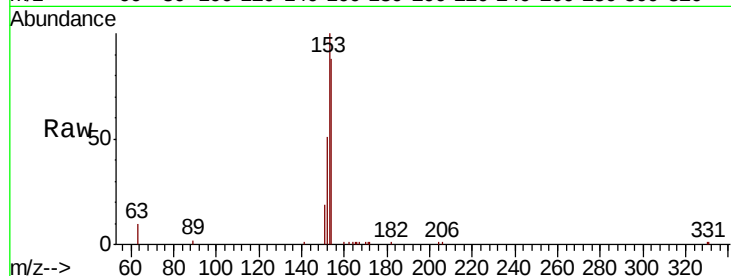
Tgt Ion:154 Resp: 11640

Ion Ratio Lower Upper

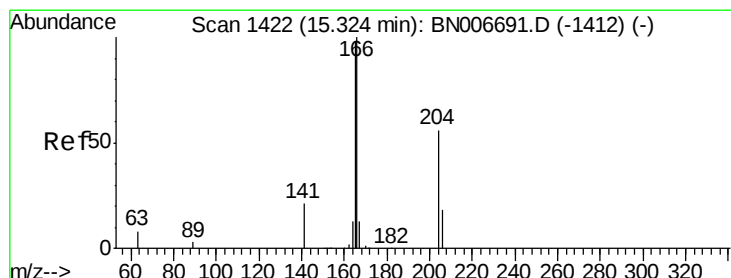
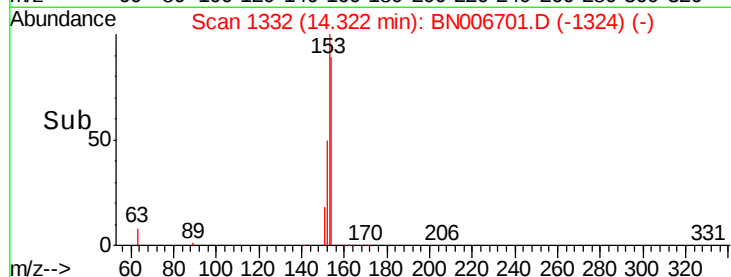
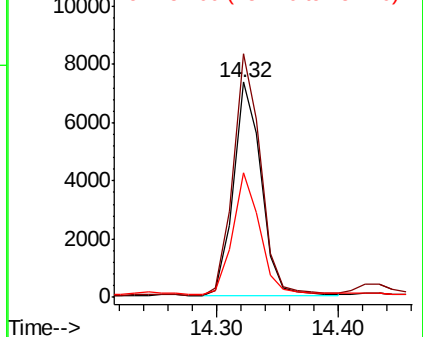
154 100

153 112.5 88.9 133.3

152 55.6 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: 0.537 ng

RT: 15.32 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

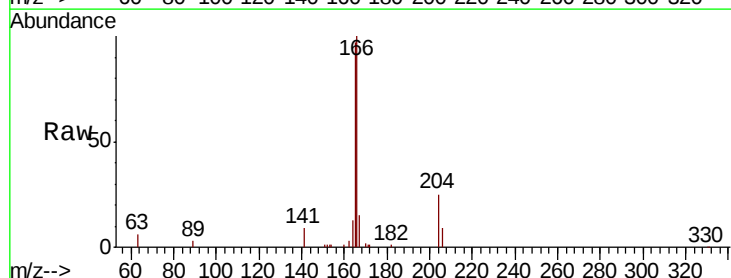
Tgt Ion:166 Resp: 17227

Ion Ratio Lower Upper

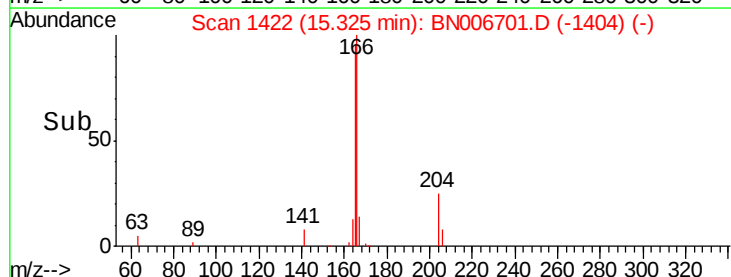
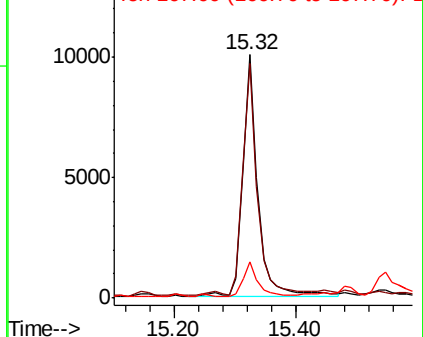
166 100

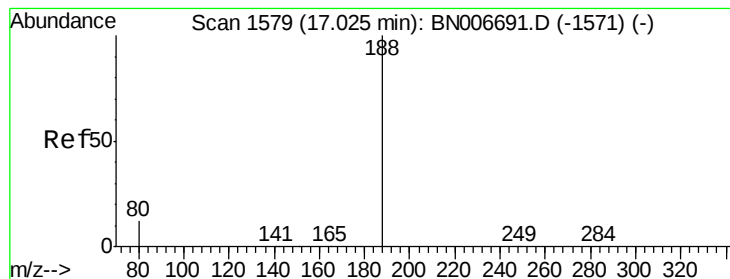
165 91.3 78.0 117.0

167 13.7 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: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

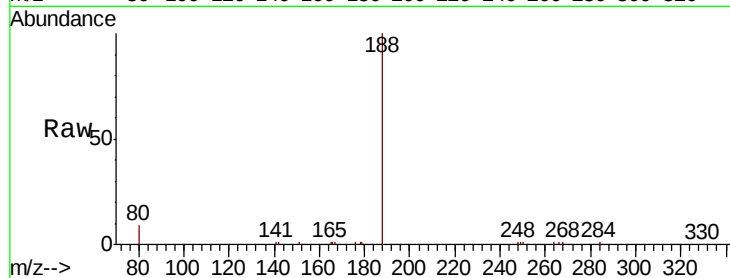
Tgt Ion:188 Resp: 16729

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

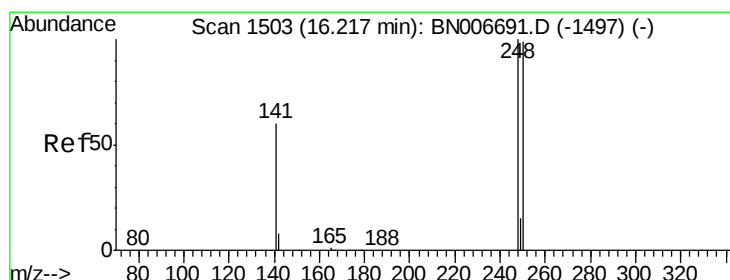
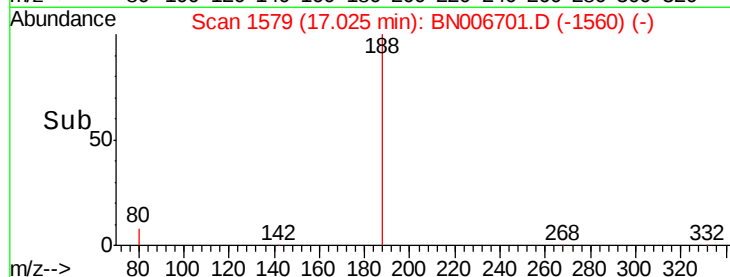
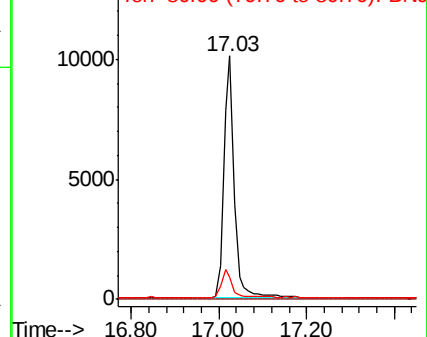
80 9.3 10.3 15.5#



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: 0.253 ng

RT: 16.22 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

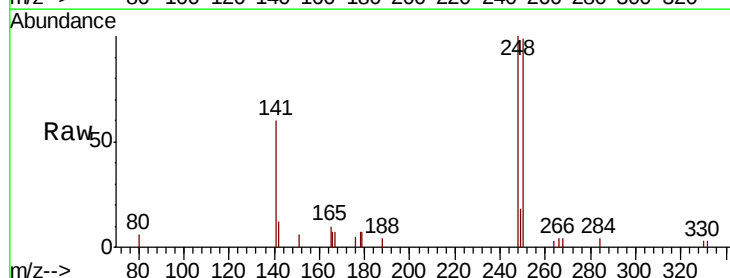
Tgt Ion:248 Resp: 2498

Ion Ratio Lower Upper

248 100

250 98.7 79.0 118.6

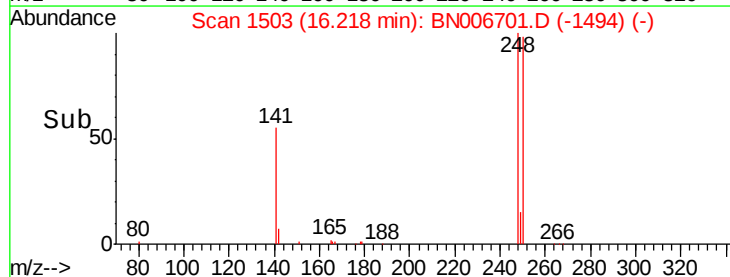
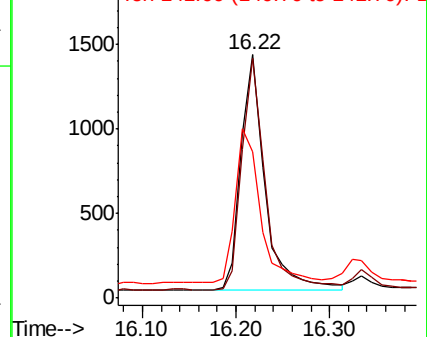
141 60.2 50.2 75.4



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: 0.246 ng

RT: 16.33 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

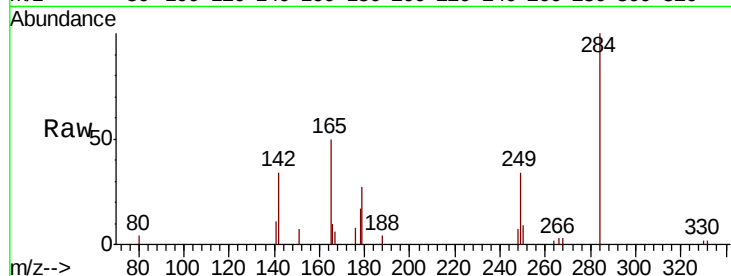
Tgt Ion:284 Resp: 2882

Ion Ratio Lower Upper

284 100

142 34.2 26.9 40.3

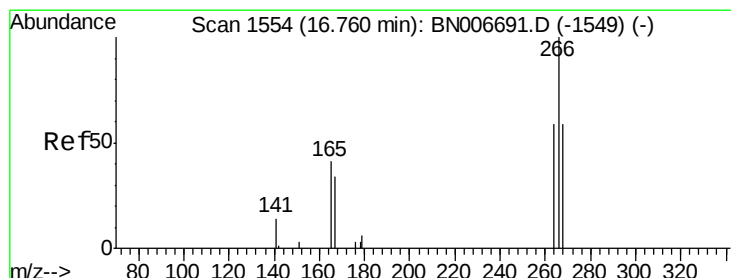
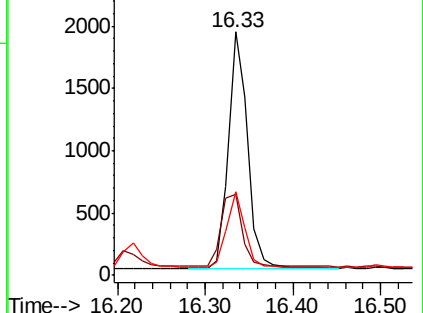
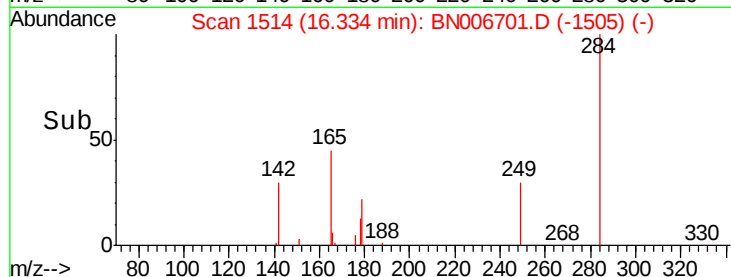
249 29.9 24.4 36.6



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: 0.259 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.03 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

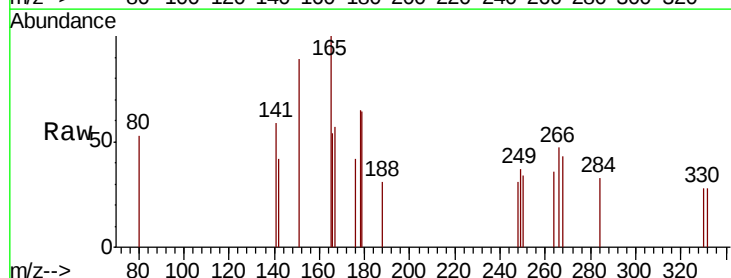
Tgt Ion:266 Resp: 103

Ion Ratio Lower Upper

266 100

264 76.3 57.6 86.4

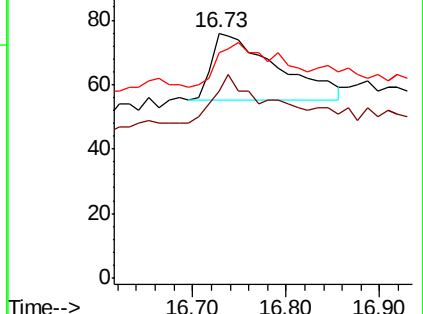
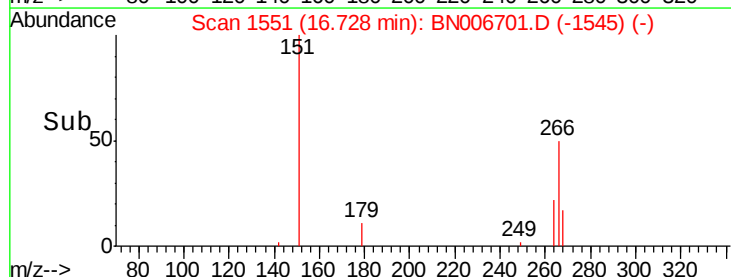
268 92.1 66.6 99.8



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: 3.306 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

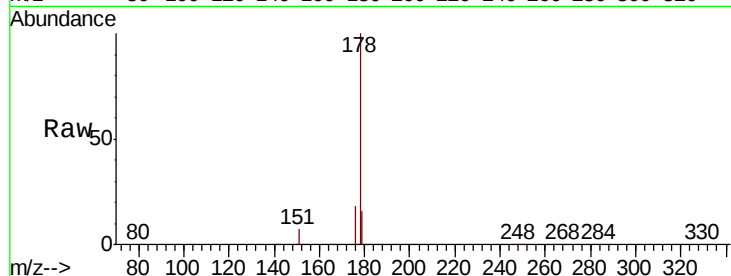
Tgt Ion:178 Resp: 159411

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

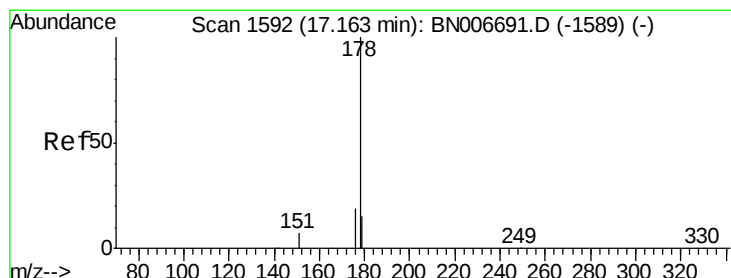
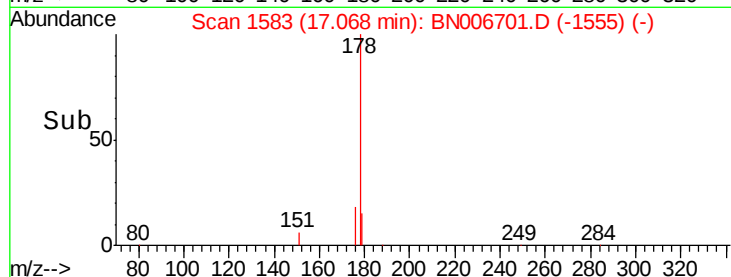
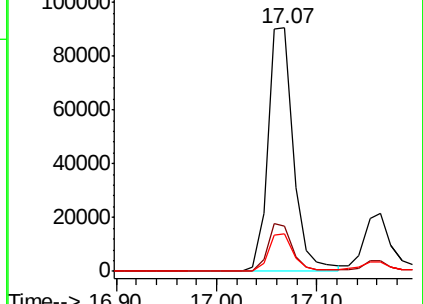
179 15.2 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.978 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

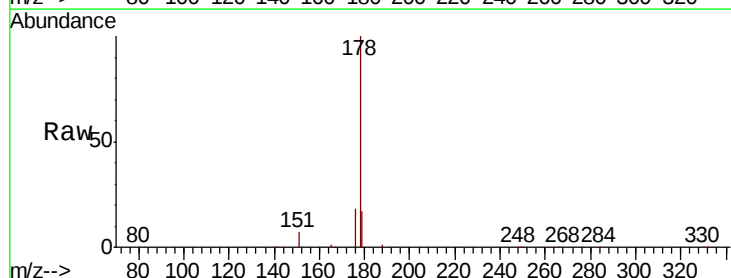
Tgt Ion:178 Resp: 42625

Ion Ratio Lower Upper

178 100

176 17.8 14.8 22.2

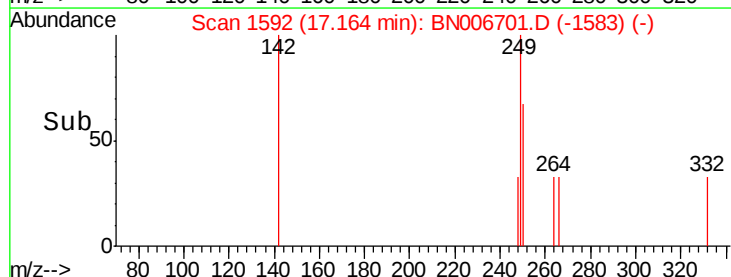
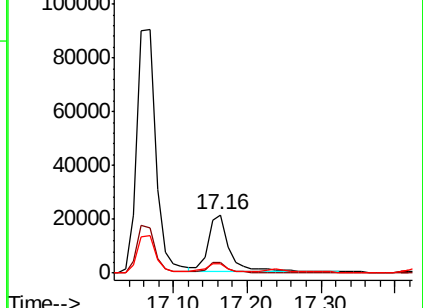
179 15.0 11.9 17.9

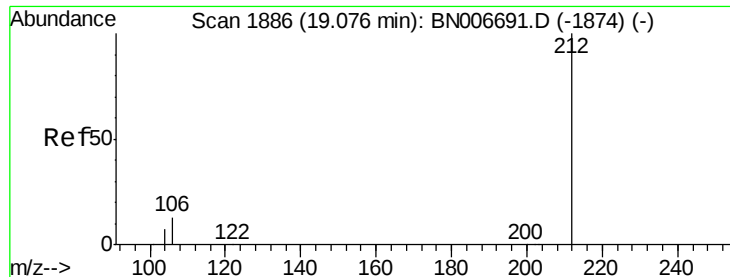


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

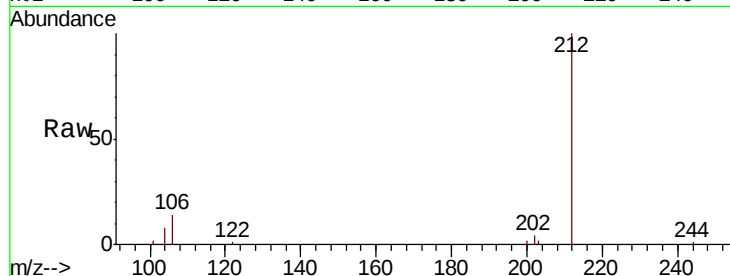




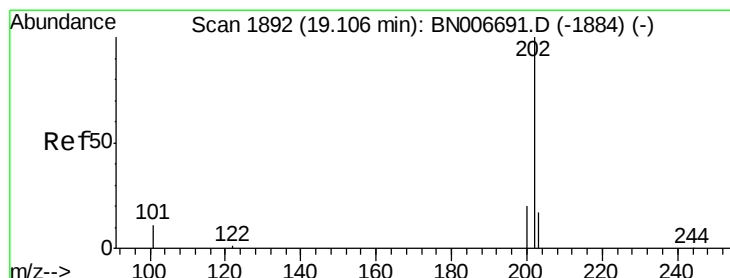
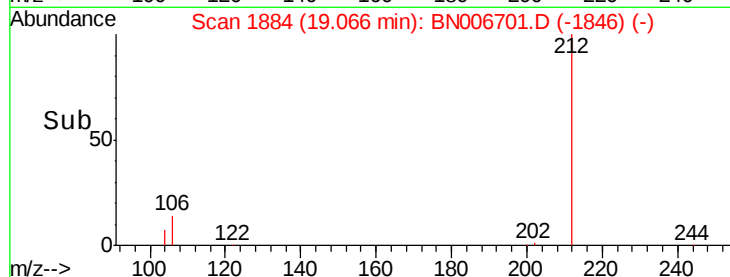
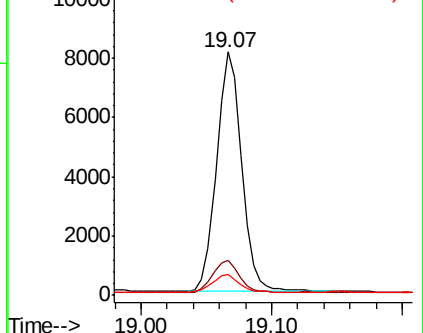
#25
 Fluoranthene-d10
 Concen: 0.226 ng
 RT: 19.07 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BN006701.D
 Acq: 02 Jul 2019 20:37

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B212-062019MS

Tgt Ion: 212 Resp: 10798
 Ion Ratio Lower Upper
 212 100
 106 14.0 11.0 16.6
 104 7.5 6.1 9.1

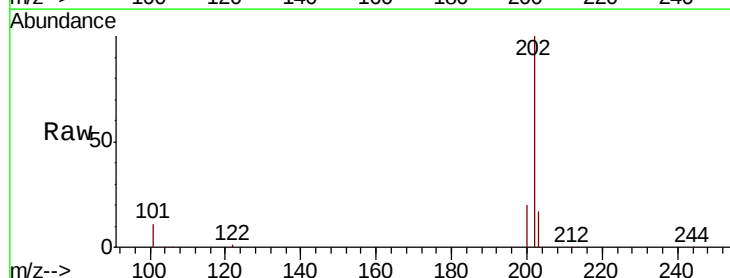


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

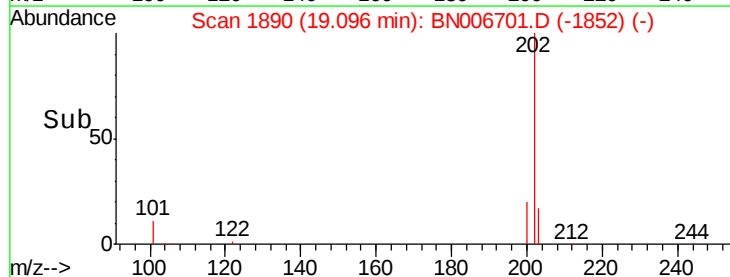
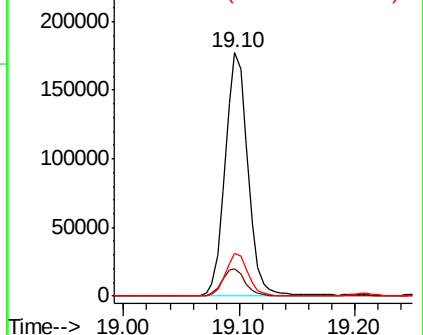


#26
 Fluoranthene
 Concen: 4.274 ng
 RT: 19.10 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BN006701.D
 Acq: 02 Jul 2019 20:37

Tgt Ion: 202 Resp: 241993
 Ion Ratio Lower Upper
 202 100
 101 11.6 8.7 13.1
 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

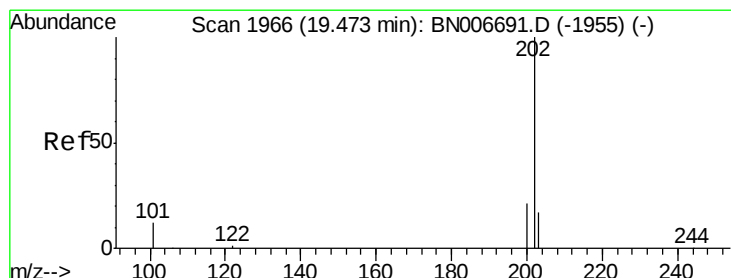
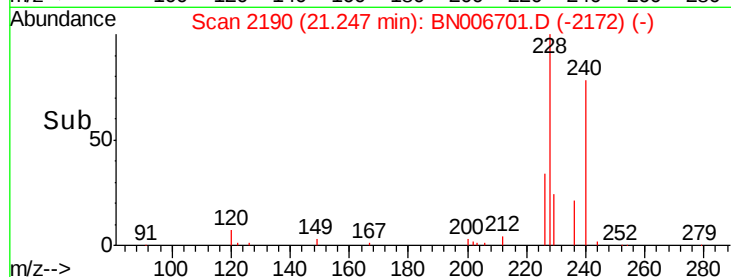
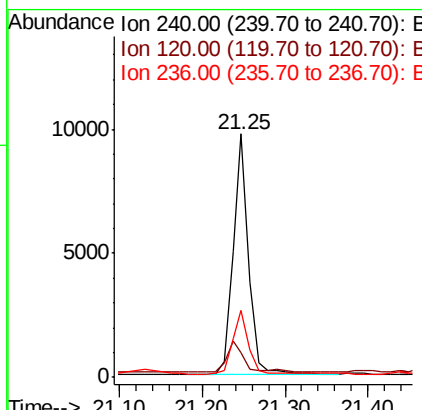
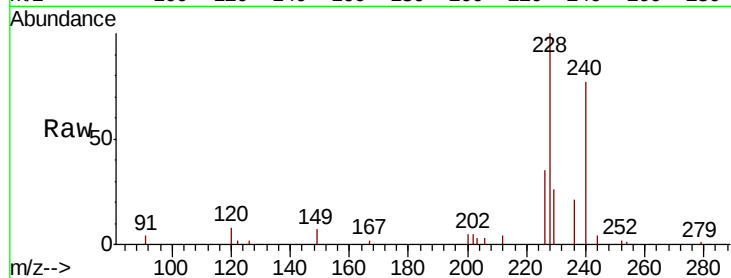




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

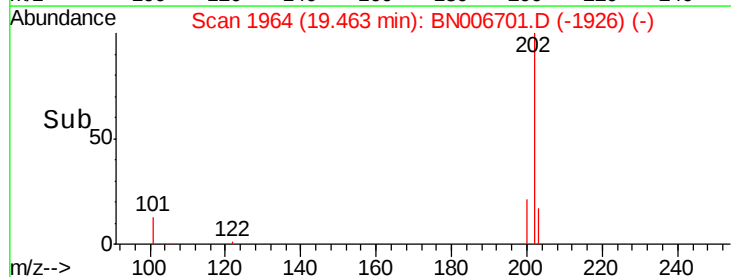
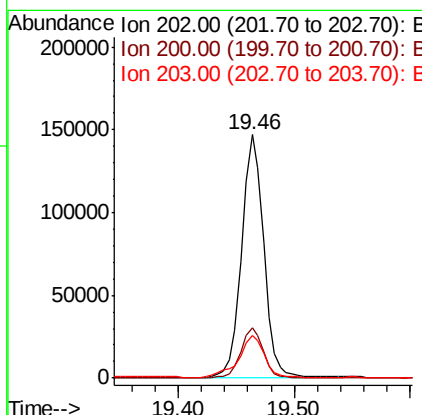
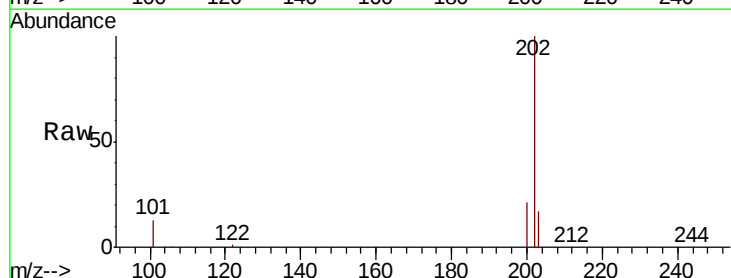
Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:240 Resp: 12923
Ion Ratio Lower Upper
240 100
120 10.3 12.9 19.3#
236 27.7 23.2 34.8



#28
Pyrene
Concen: 3.799 ng
RT: 19.46 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:202 Resp: 196478
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 19.8 14.2 21.2





#29

Terphenyl-d14

Concen: 0.255 ng

RT: 19.67 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

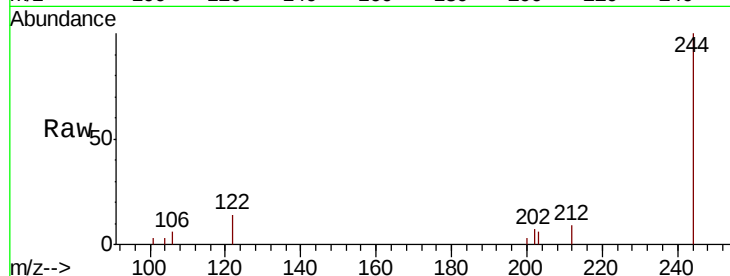
Tgt Ion:244 Resp: 7586

Ion Ratio Lower Upper

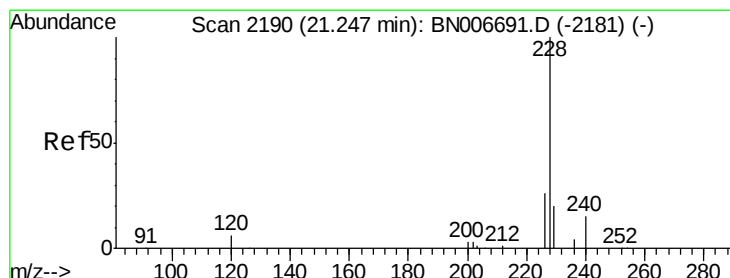
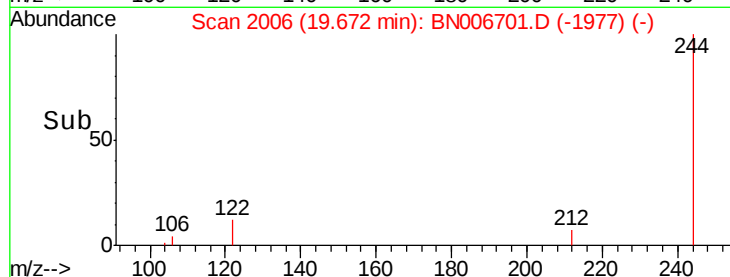
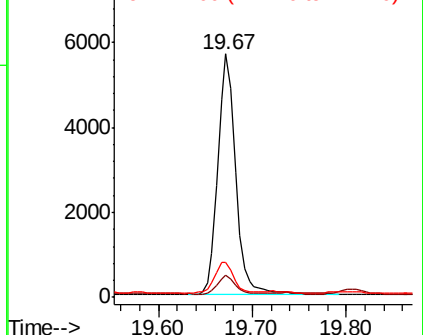
244 100

212 8.9 7.0 10.4

122 14.3 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: 2.222 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

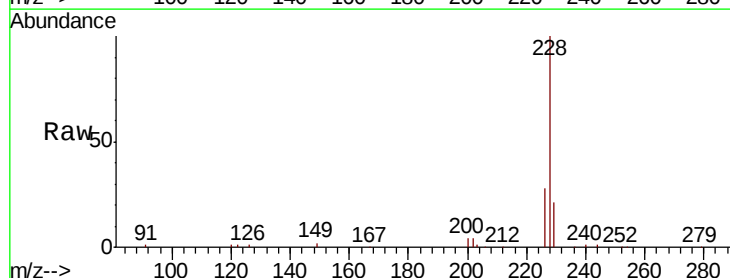
Tgt Ion:228 Resp: 99016

Ion Ratio Lower Upper

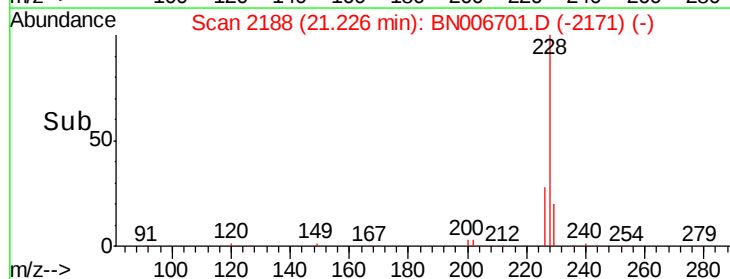
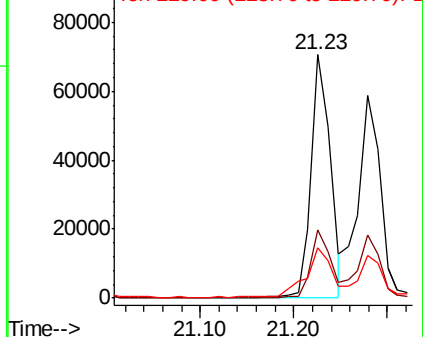
228 100

226 28.1 21.5 32.3

229 20.6 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: 1.886 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

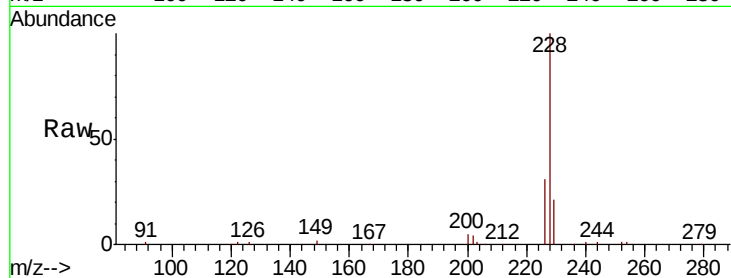
Tgt Ion:228 Resp: 86660

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

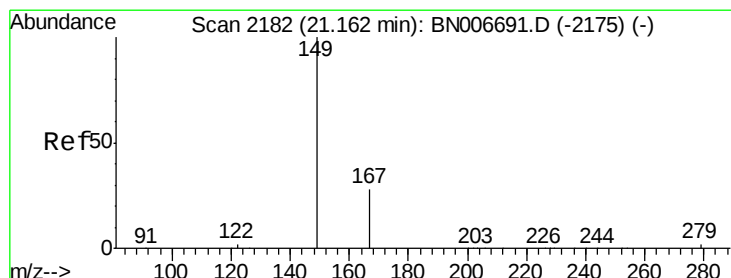
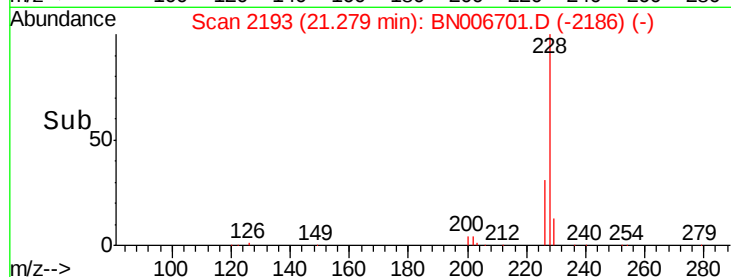
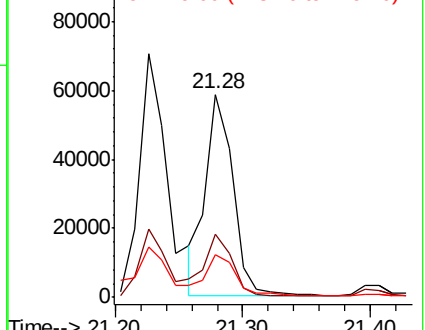
229 20.9 15.8 23.6



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: 0.120 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

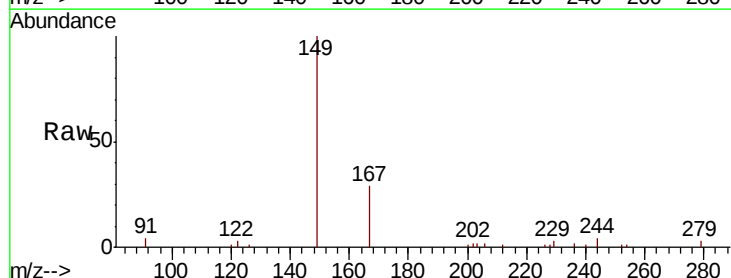
Tgt Ion:149 Resp: 16017

Ion Ratio Lower Upper

149 100

167 28.3 22.9 34.3

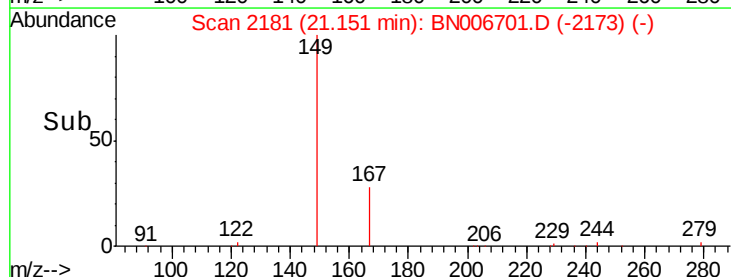
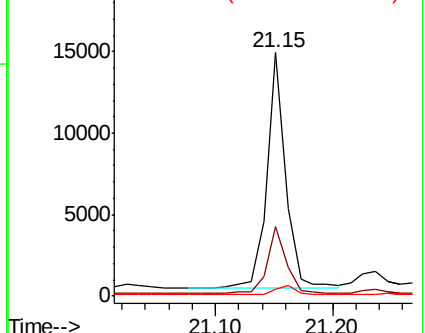
279 4.4 3.2 4.8



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: 1.148 ng

RT: 25.70 min Scan# 3263

Delta R.T. -0.04 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

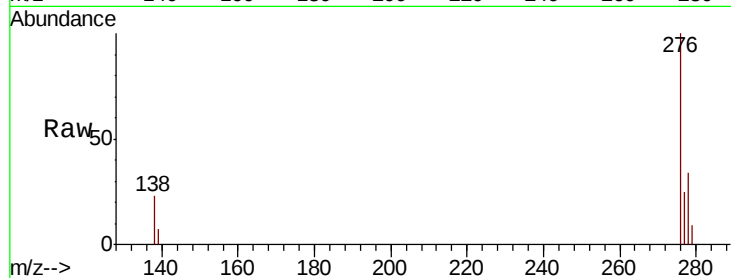
Tgt Ion: 276 Resp: 63070

Ion Ratio Lower Upper

276 100

138 22.0 19.5 29.3

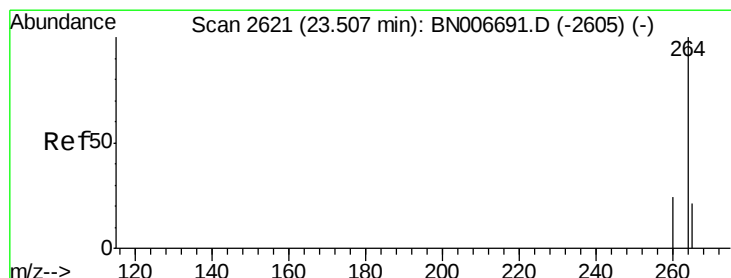
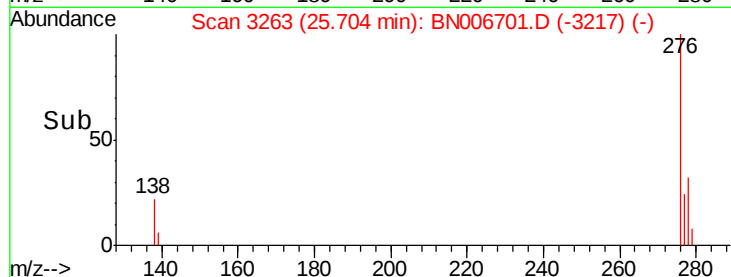
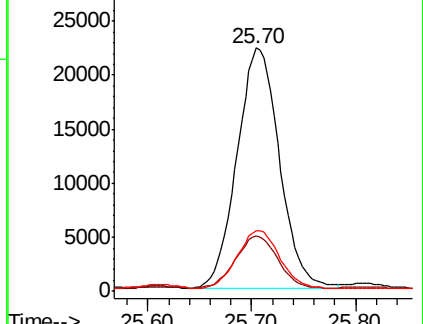
277 23.7 19.7 29.5



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: 23.48 min Scan# 2612

Delta R.T. -0.03 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

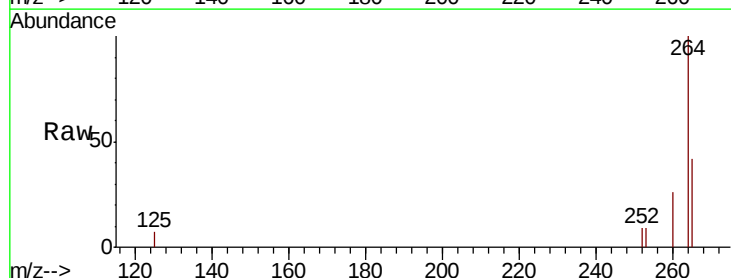
Tgt Ion: 264 Resp: 13114

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

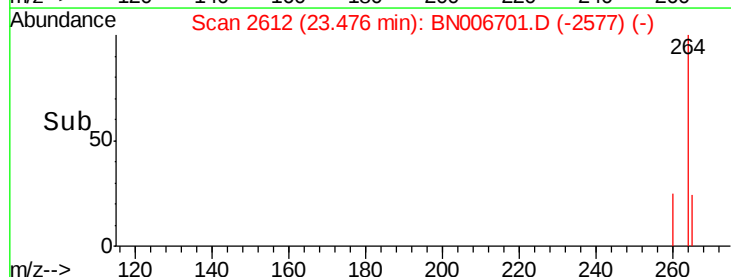
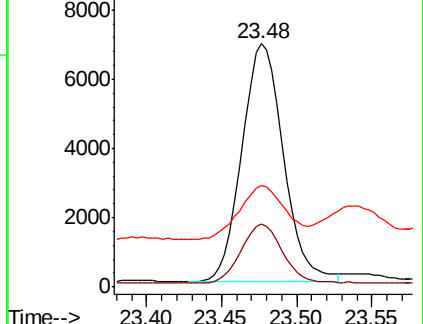
265 41.7 33.7 50.5



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: 2.705 ng

RT: 22.81 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

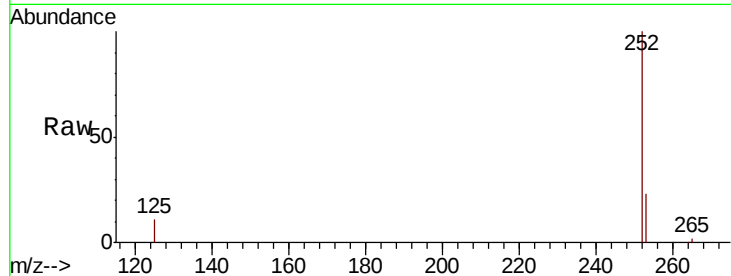
Tgt Ion:252 Resp: 113865

Ion Ratio Lower Upper

252 100

253 23.0 20.2 30.2

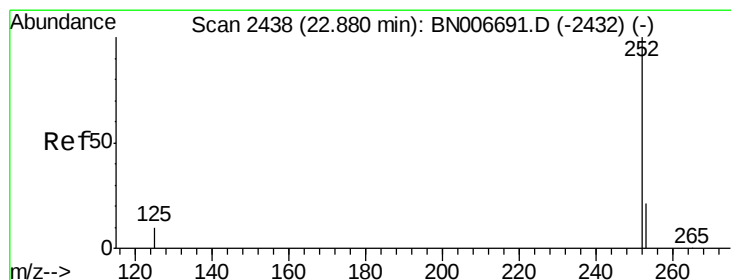
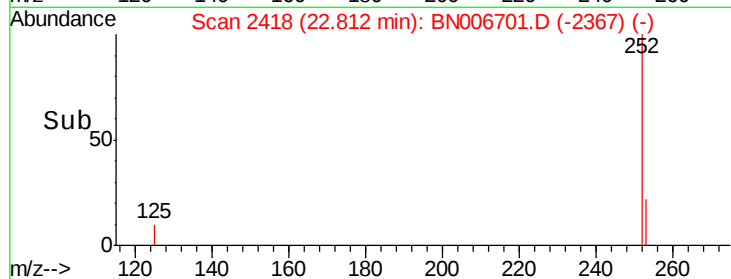
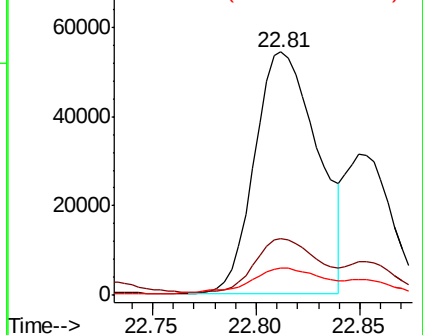
125 11.0 11.5 17.3#



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: 2.495 ng

RT: 22.81 min Scan# 2418

Delta R.T. -0.07 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

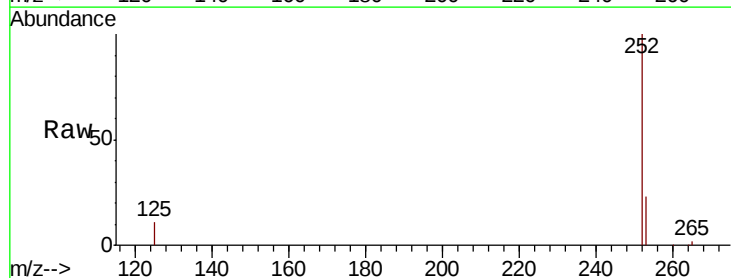
Tgt Ion:252 Resp: 113865

Ion Ratio Lower Upper

252 100

253 23.0 20.1 30.1

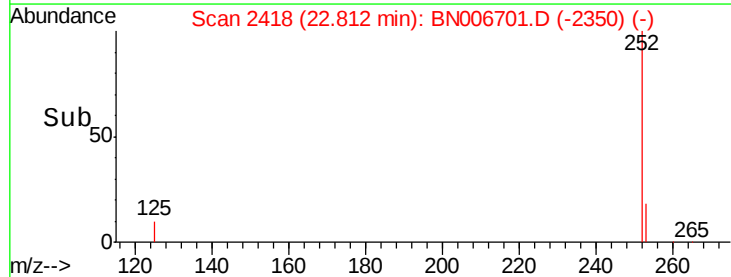
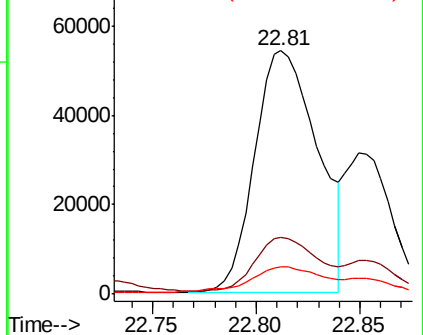
125 11.0 11.4 17.0#

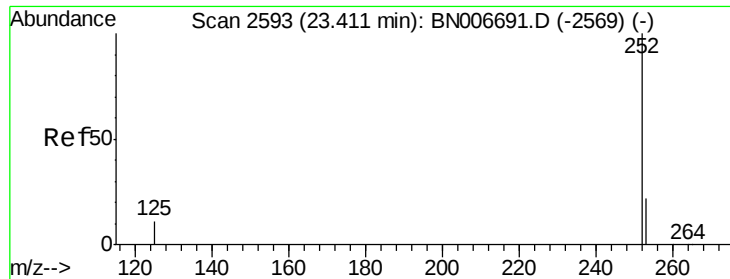


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.190 ng

RT: 23.28 min Scan# 2555

Delta R.T. -0.13 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS

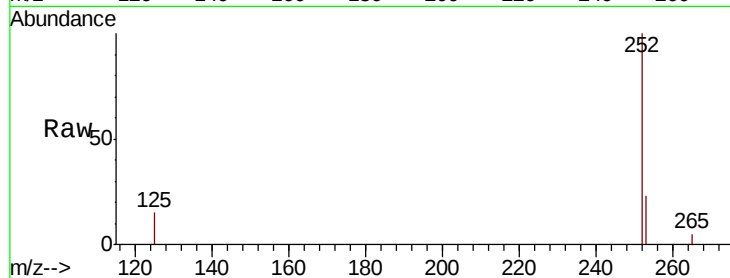
Tgt Ion:252 Resp: 48506

Ion Ratio Lower Upper

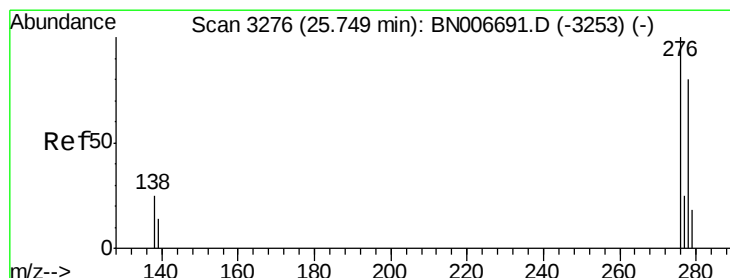
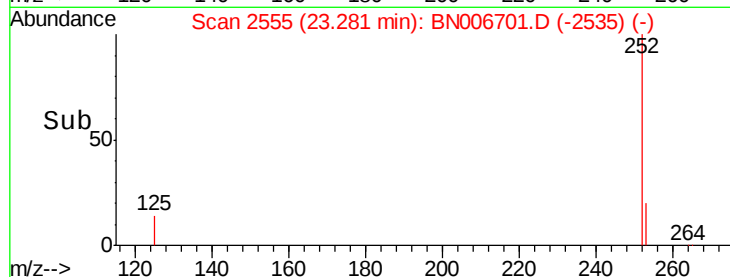
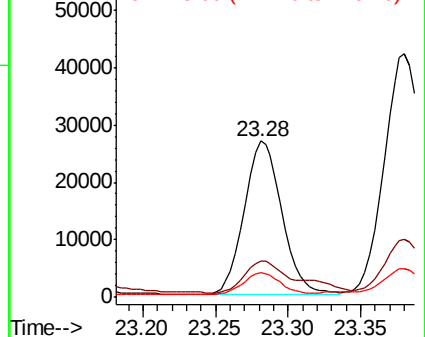
252 100

253 23.5 21.4 32.2

125 15.5 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: 0.576 ng

RT: 25.71 min Scan# 3264

Delta R.T. -0.04 min

Lab File: BN006701.D

Acq: 02 Jul 2019 20:37

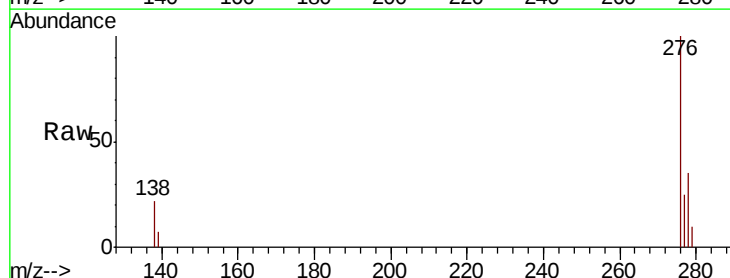
Tgt Ion:278 Resp: 23337

Ion Ratio Lower Upper

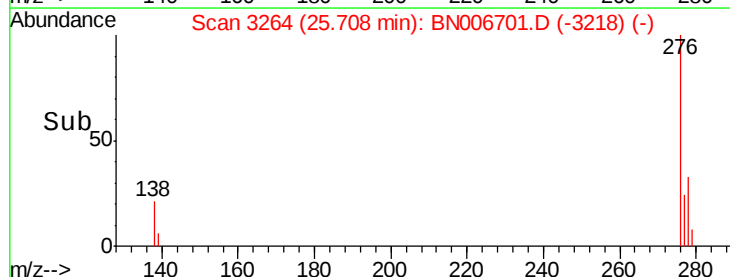
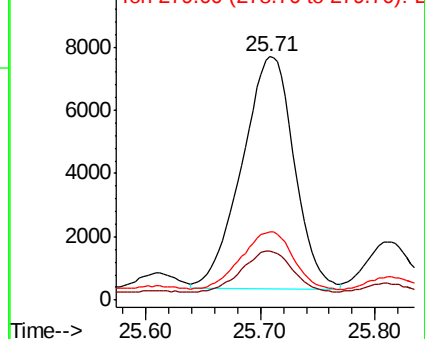
278 100

139 20.3 16.2 24.4

279 28.0 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(g,h,i)perylene

Concen: 1.441 ng

RT: 26.39 min Scan# 3462

Delta R.T. -0.04 min

Lab File: BN006701.D

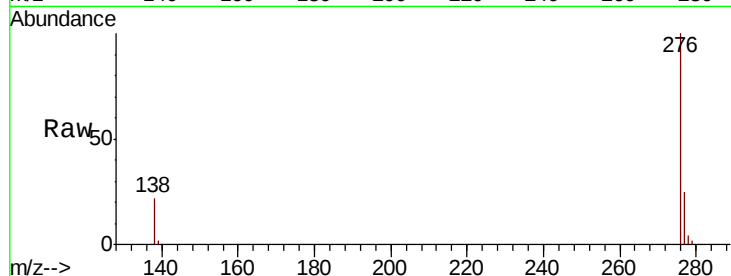
Acq: 02 Jul 2019 20:37

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MS



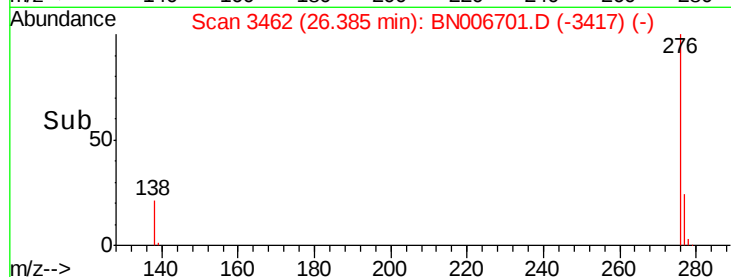
Tgt Ion: 276 Resp: 60065

Ion Ratio Lower Upper

276 100

277 24.5 20.6 30.8

138 22.1 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

