

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
 Data File : BN004929.D
 Acq On : 23 Mar 2019 20:15
 Operator : JU/SJ
 Sample : K1948-14MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-025-SW046-031319MS

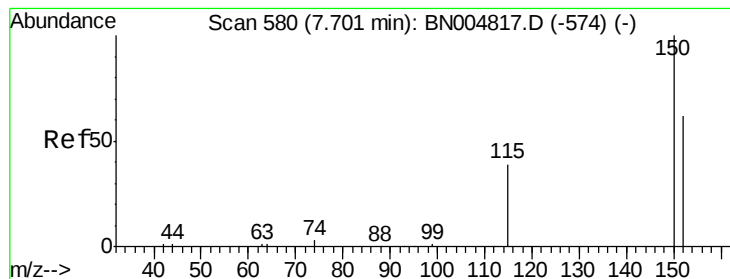
Quant Time: Mar 24 01:02:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2106	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	8673	0.40	ng	-0.03
13) Acenaphthene-d10	14.33	164	4690	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	10694	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	14847	0.40	ng	-0.01
34) Perylene-d12	23.53	264	17126	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	2114	0.37	ng	0.00
5) Phenol-d6	6.86	99	2646	0.37	ng	-0.02
8) Nitrobenzene-d5	8.84	82	2079	0.36	ng	-0.03
11) 2-Methylnaphthalene-d10	12.07	152	4377	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	966	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	5867	0.30	ng	-0.01
25) Fluoranthene-d10	19.12	212	10840	0.30	ng	-0.02
29) Terphenyl-d14	19.72	244	7089	0.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	619	0.259	ng	# 68
3) n-Nitrosodimethylamine	3.55	42	574	0.406	ng	# 92
6) bis(2-Chloroethyl)ether	7.12	93	2110	0.328	ng	99
9) Naphthalene	10.52	128	7774	0.320	ng	99
10) Hexachlorobutadiene	10.80	225	1273	0.274	ng	# 98
12) 2-Methylnaphthalene	12.14	142	5352	0.296	ng	99
16) Acenaphthylene	14.05	152	8129	0.337	ng	99
17) Acenaphthene	14.39	154	4773	0.302	ng	98
18) Fluorene	15.38	166	6430	0.291	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	2059	0.295	ng	99
21) Hexachlorobenzene	16.38	284	2204	0.276	ng	94
22) Pentachlorophenol	16.74	266	1456	0.931	ng	95
23) Phenanthrene	17.12	178	14053	0.407	ng	99
24) Anthracene	17.22	178	10132	0.329	ng	100
26) Fluoranthene	19.15	202	23763	0.535	ng	99
28) Pyrene	19.51	202	23163	0.512	ng	98
30) Benzo(a)anthracene	21.26	228	20359	0.418	ng	97
31) Chrysene	21.31	228	20620	0.402	ng	97
32) Bis(2-ethylhexyl)phthalate	21.17	149	12902	0.663	ng	99
33) Indeno(1,2,3-cd)pyrene	25.79	276	24506	0.330	ng	97
35) Benzo(b)fluoranthene	22.85	252	26269	0.424	ng	# 94
36) Benzo(k)fluoranthene	22.89	252	20537	0.337	ng	# 94
37) Benzo(a)pyrene	23.43	252	22334	0.393	ng	# 95
38) Dibenzo(a,h)anthracene	25.80	278	17609	0.268	ng	# 93
39) Benzo(g,h,i)perylene	26.49	276	21677	0.323	ng	96

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

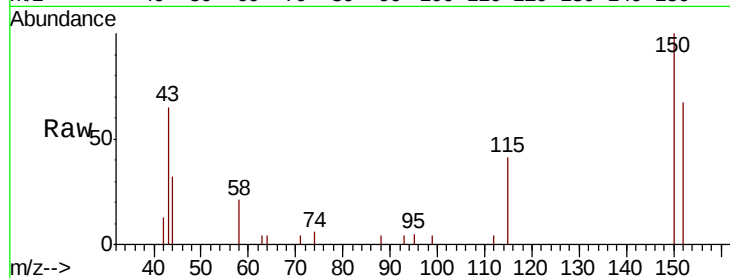


#1

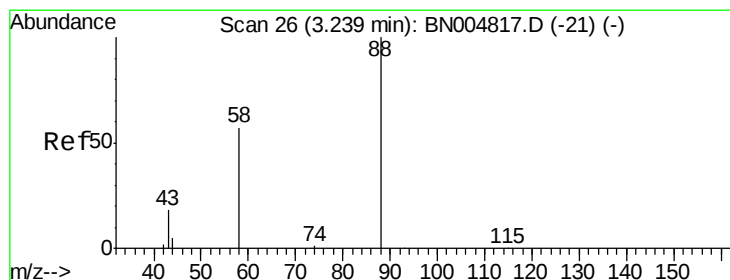
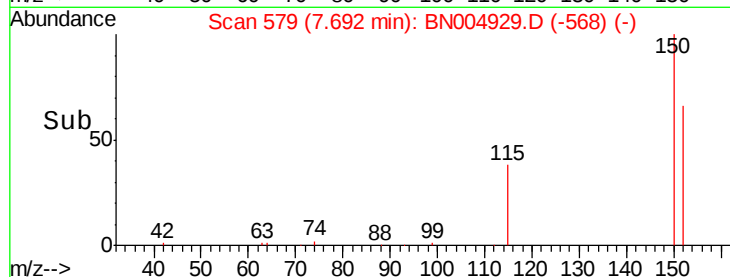
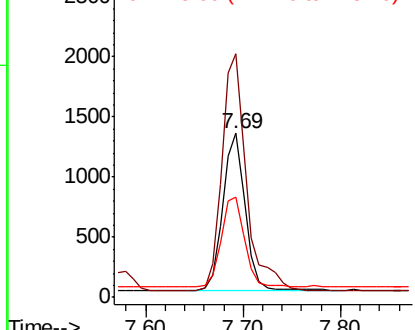
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319MS

Tgt Ion: 152 Resp: 2106
Ion Ratio Lower Upper
152 100
150 148.7 126.2 189.4
115 61.5 52.6 79.0



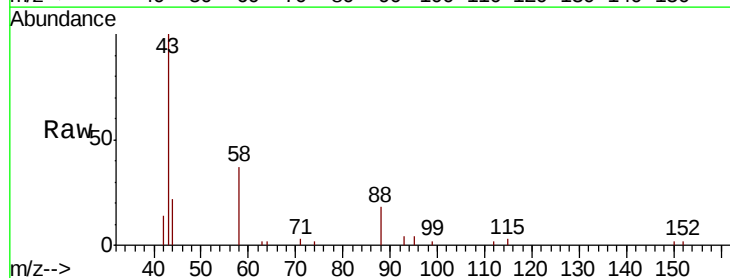
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



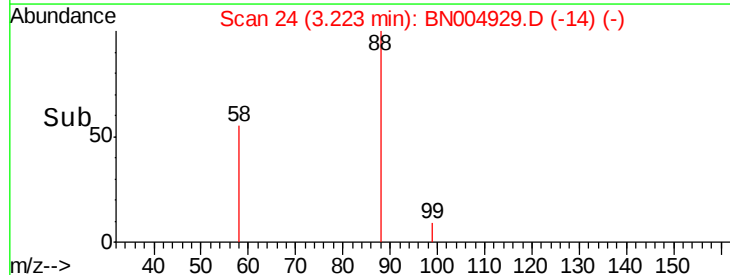
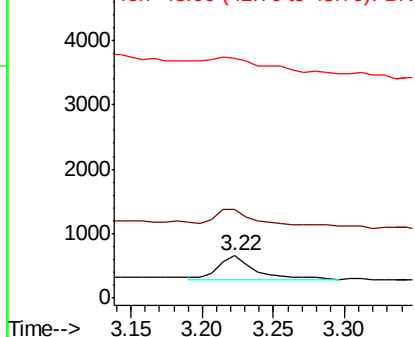
#2

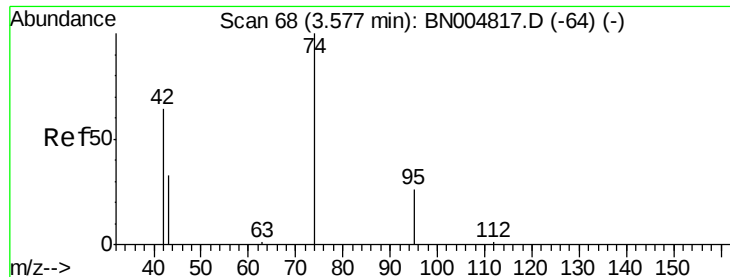
1,4-Dioxane
Concen: 0.259 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion: 88 Resp: 619
Ion Ratio Lower Upper
88 100
58 83.5 51.4 77.2#
43 0.0 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: 0.406 ng

RT: 3.55 min Scan# 65

Delta R.T. -0.02 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

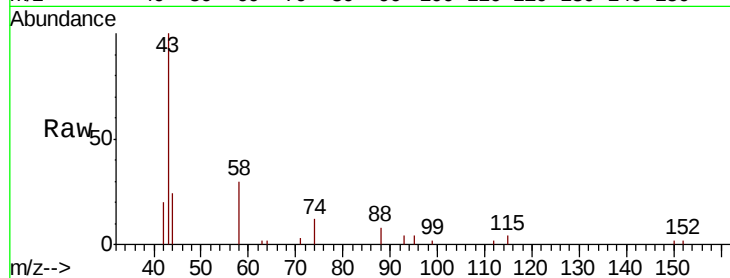
Tgt Ion: 42 Resp: 574

Ion Ratio Lower Upper

42 100

74 151.2 128.4 192.6

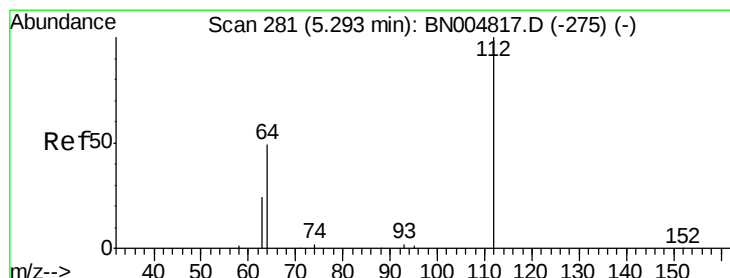
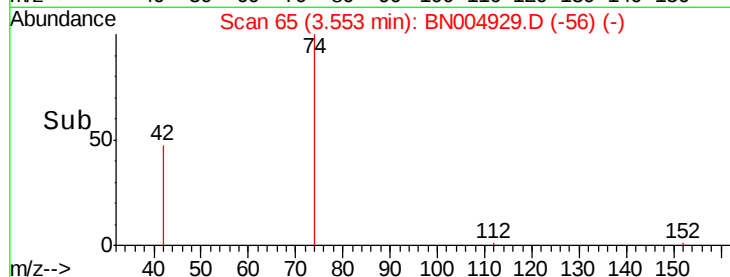
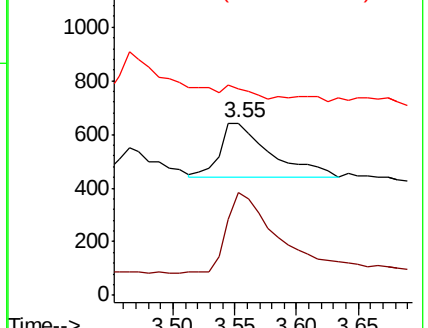
44 0.0 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BN004817.D (-64) (-)

Ion 74.00 (73.70 to 74.70): BN004817.D (-64) (-)

Ion 44.00 (43.70 to 44.70): BN004817.D (-64) (-)



#4

2-Fluorophenol

Concen: 0.369 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

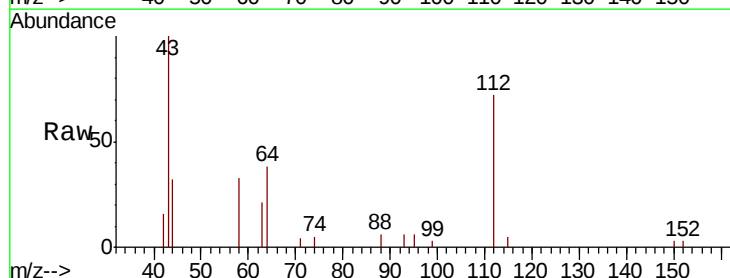
Tgt Ion: 112 Resp: 2114

Ion Ratio Lower Upper

112 100

64 52.4 40.0 60.0

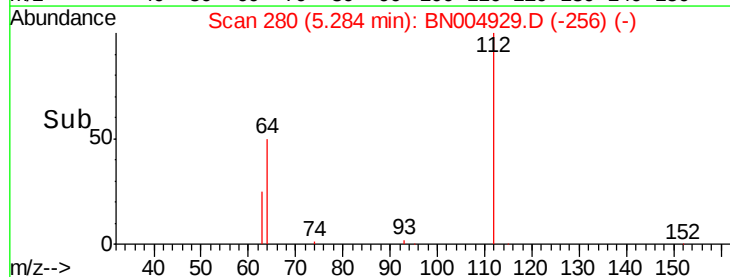
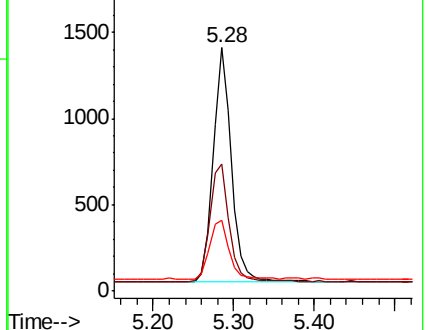
63 26.6 20.2 30.2

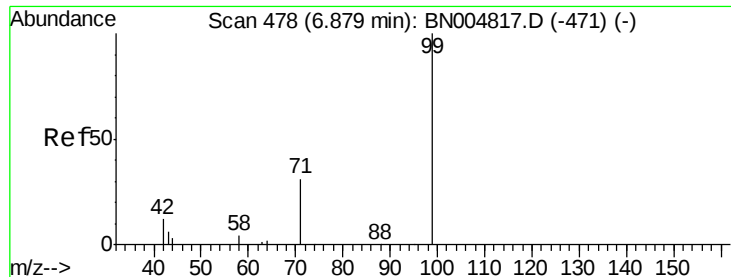


Abundance Ion 112.00 (111.70 to 112.70): BN004817.D (-275) (-)

Ion 64.00 (63.70 to 64.70): BN004817.D (-275) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-275) (-)





#5

Phenol-d6

Concen: 0.371 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

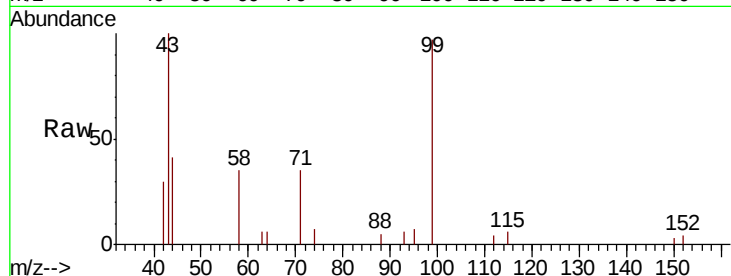
Tgt Ion: 99 Resp: 2646

Ion Ratio Lower Upper

99 100

42 21.4 12.7 19.1#

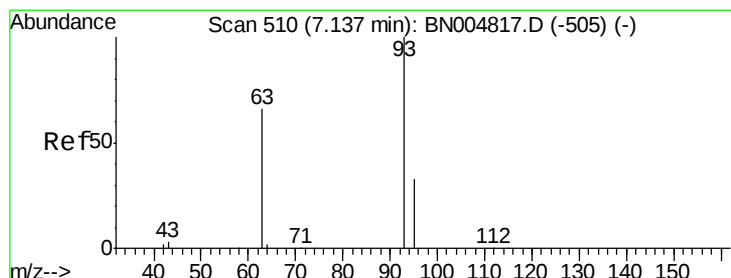
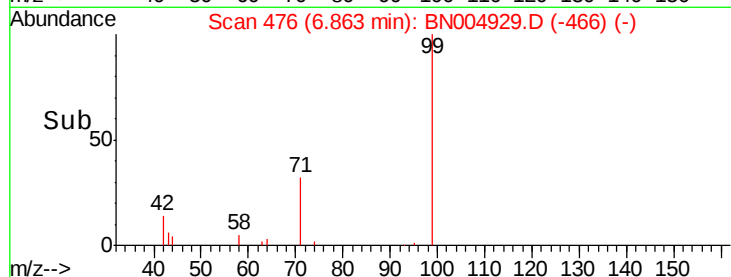
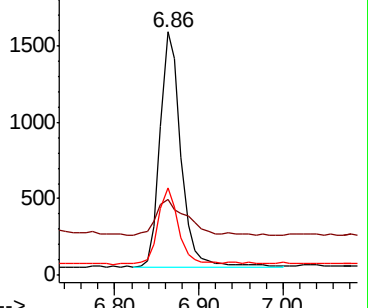
71 32.2 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.328 ng

RT: 7.12 min Scan# 508

Delta R.T. -0.02 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

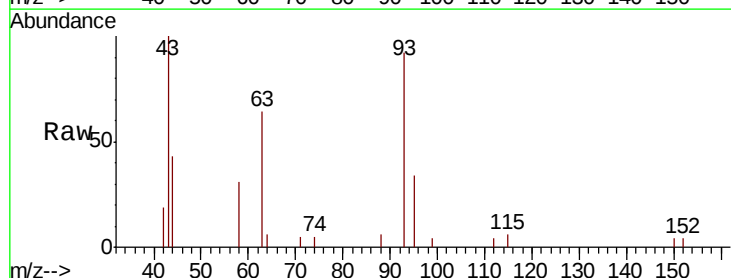
Tgt Ion: 93 Resp: 2110

Ion Ratio Lower Upper

93 100

63 66.7 52.6 78.8

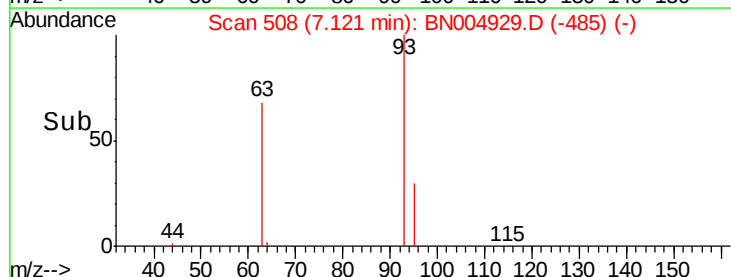
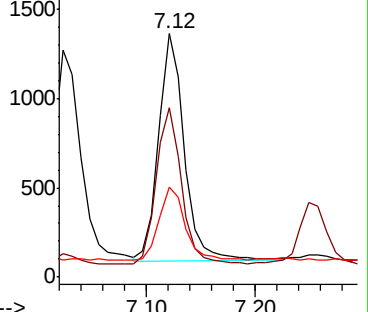
95 32.3 25.9 38.9

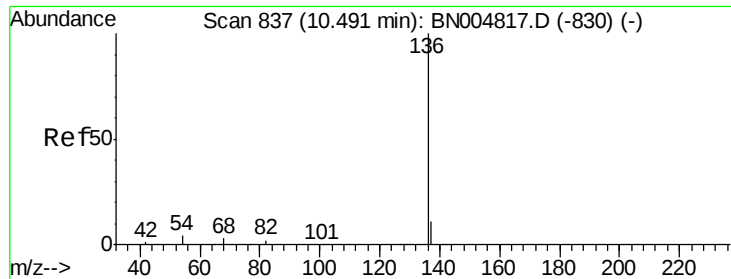


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.03 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

Tgt Ion:136 Resp: 8673

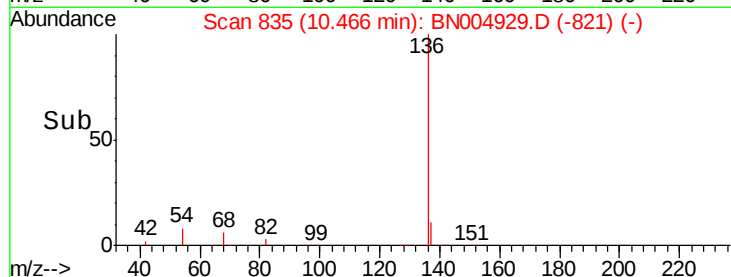
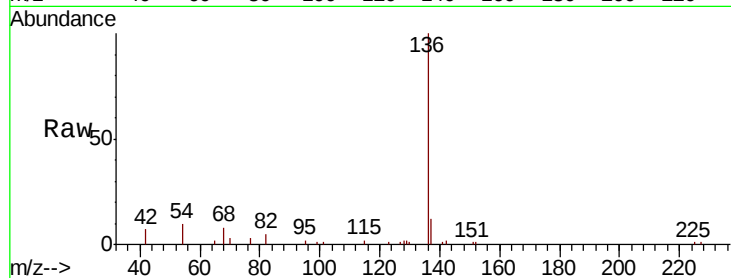
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 9.6 4.2 6.2#

68 8.4 3.9 5.9#

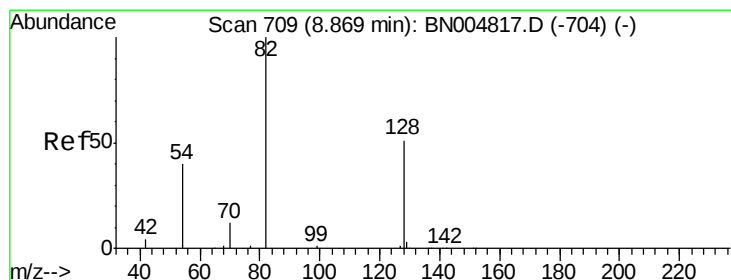
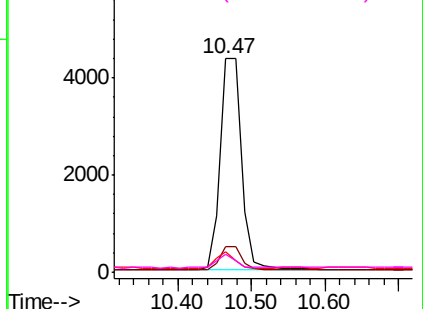


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.362 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

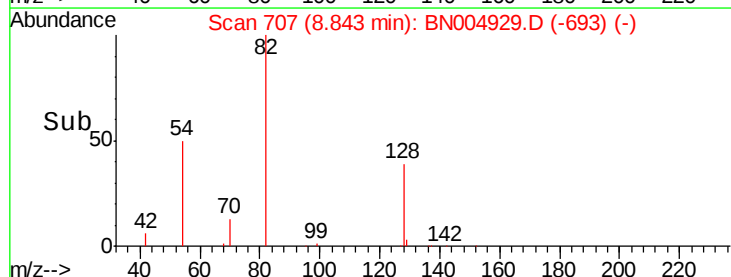
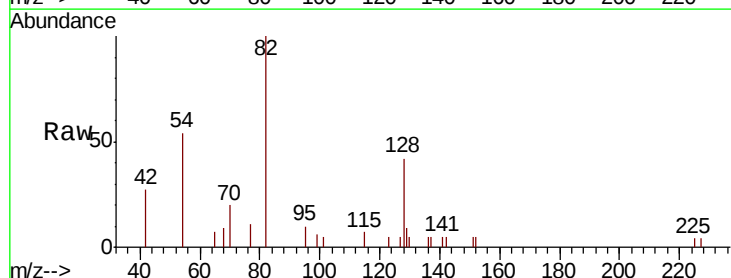
Tgt Ion: 82 Resp: 2079

Ion Ratio Lower Upper

82 100

128 42.3 43.0 64.6#

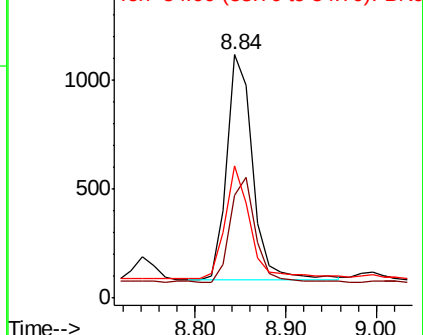
54 54.3 35.3 52.9#

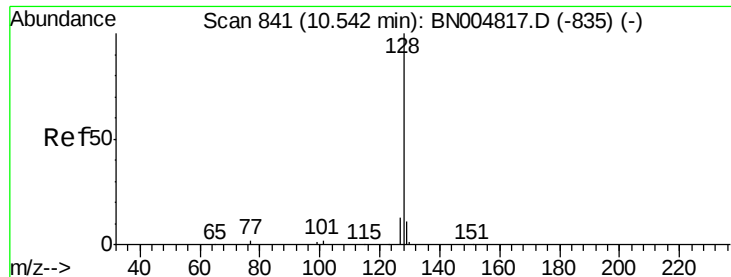


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.320 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

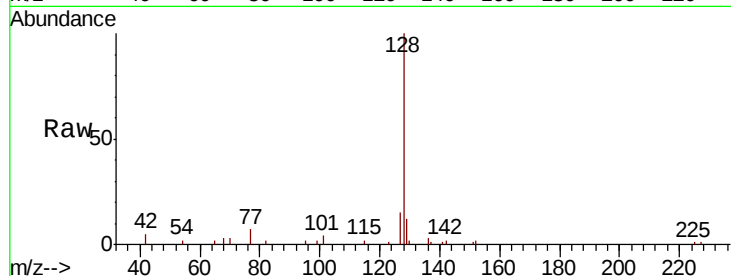
Tgt Ion:128 Resp: 7774

Ion Ratio Lower Upper

128 100

129 12.5 9.9 14.9

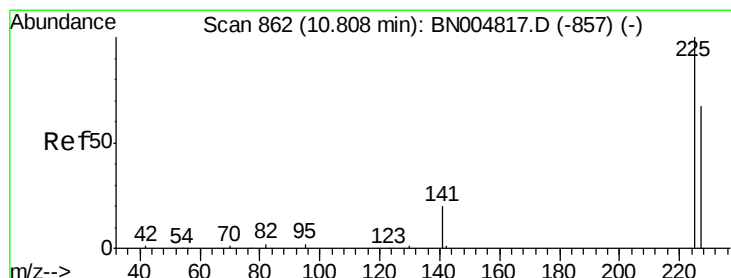
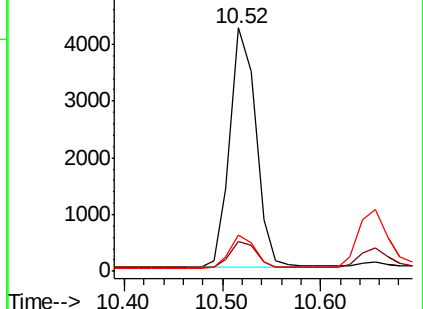
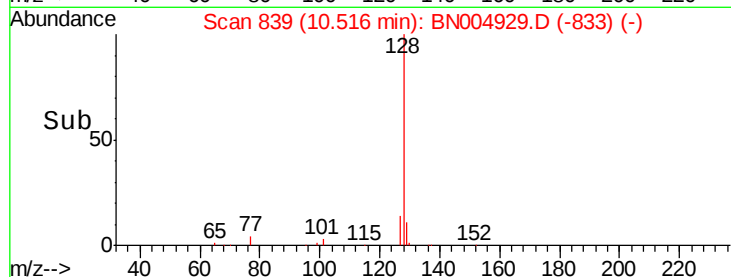
127 14.7 11.3 16.9



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: 0.274 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

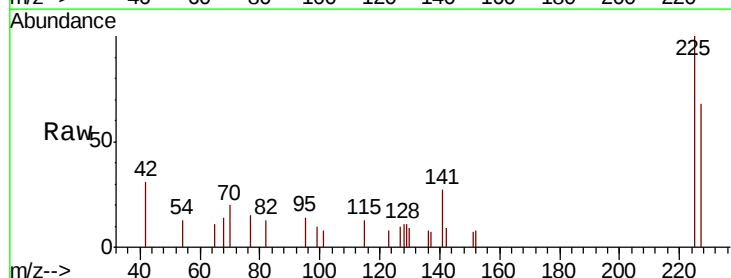
Tgt Ion:225 Resp: 1273

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

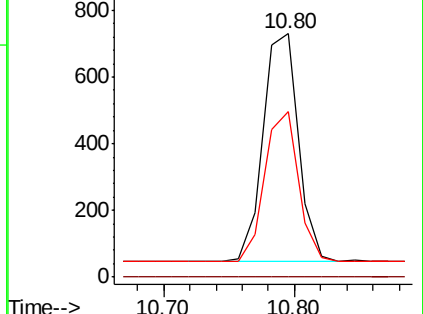
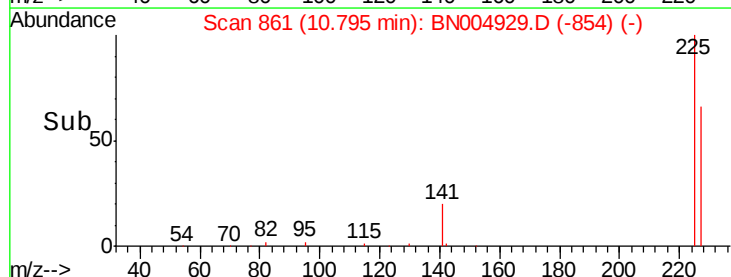
227 63.5 52.2 78.4

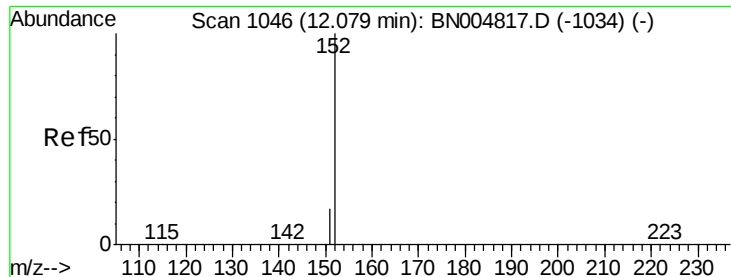


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

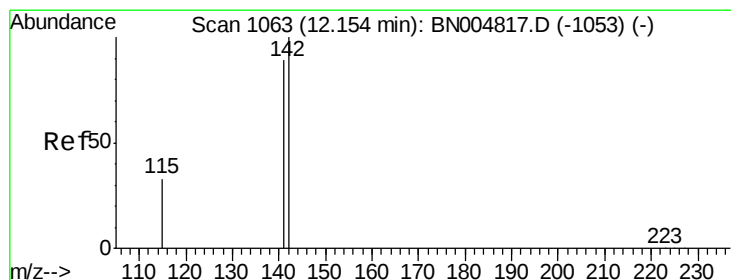
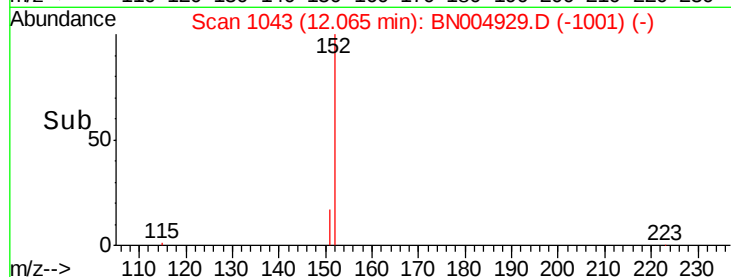
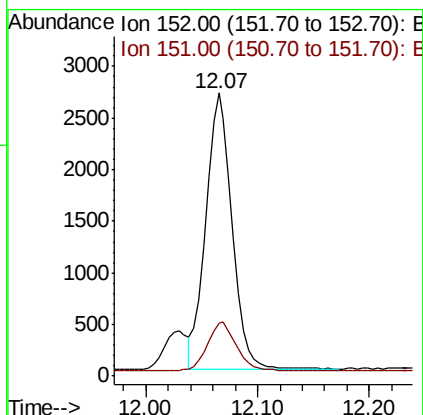
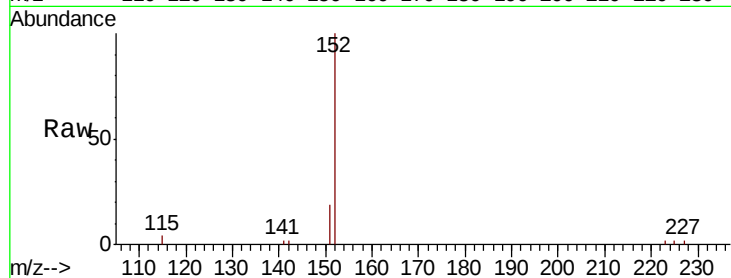




#11
 2-Methylnaphthalene-d10
 Concen: 0.289 ng
 RT: 12.07 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BN004929.D
 Acq: 23 Mar 2019 20:15

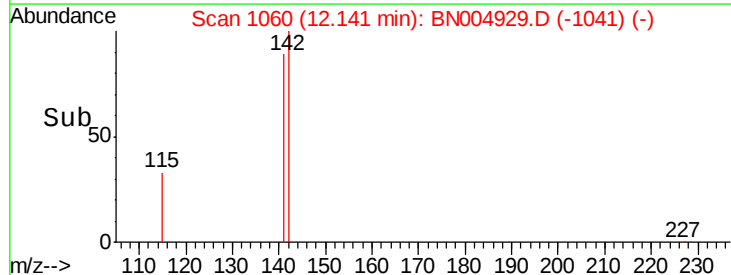
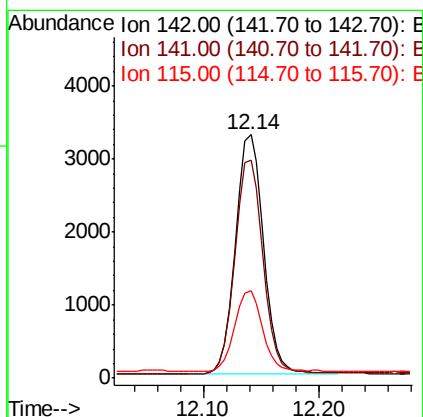
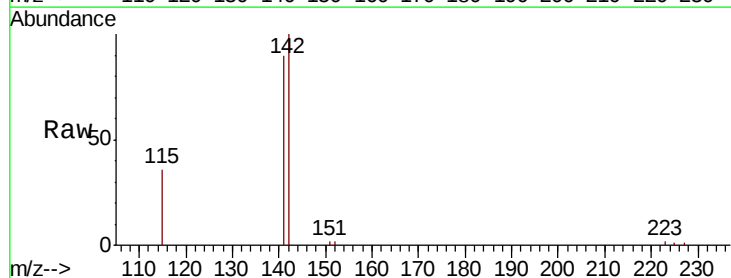
Instrument :
 BNA_N
 ClientSampleId :
 PST-025-SW046-031319MS

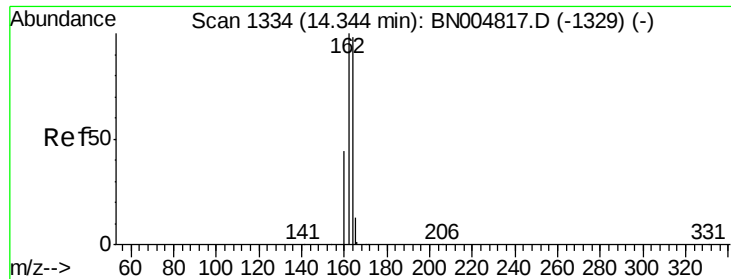
Tgt Ion:152 Resp: 4377
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.296 ng
 RT: 12.14 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BN004929.D
 Acq: 23 Mar 2019 20:15

Tgt Ion:142 Resp: 5352
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.4 107.2
 115 35.7 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

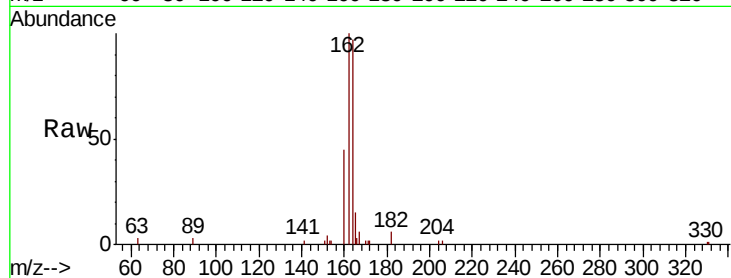
Tgt Ion:164 Resp: 4690

Ion Ratio Lower Upper

164 100

162 102.8 81.9 122.9

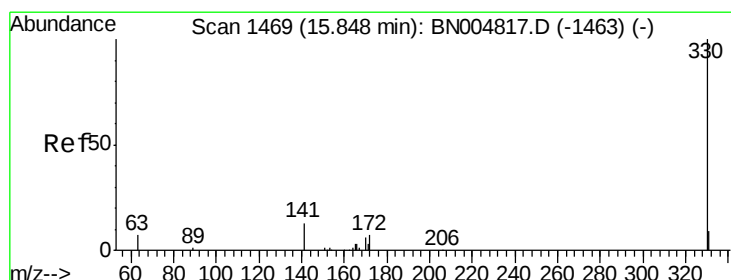
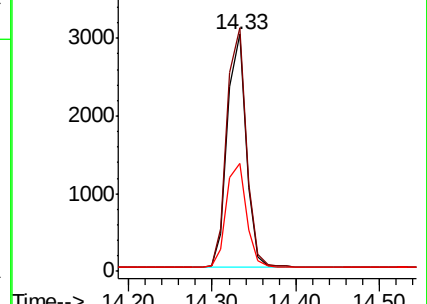
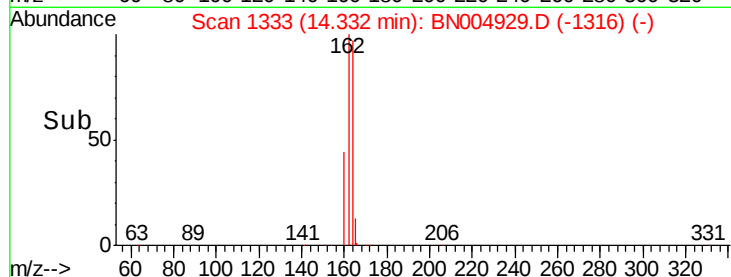
160 45.8 36.6 54.8



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: 0.298 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

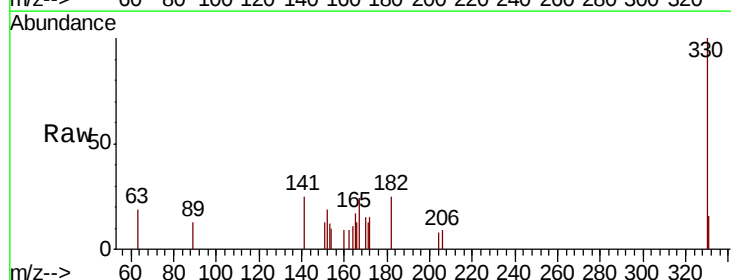
Tgt Ion:330 Resp: 966

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

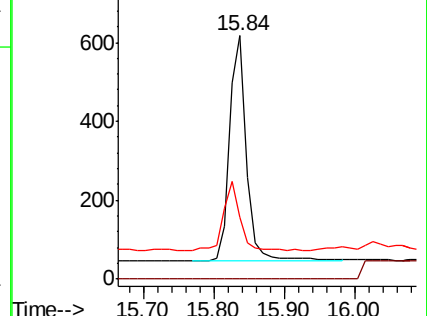
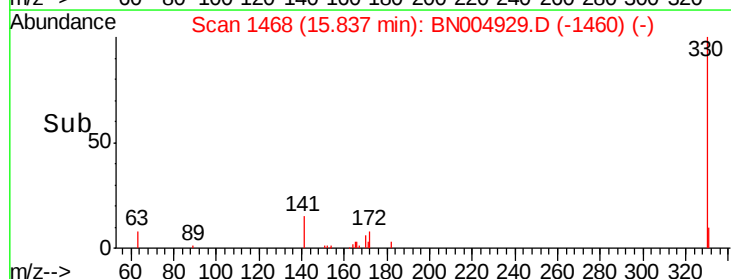
141 30.6 20.9 31.3

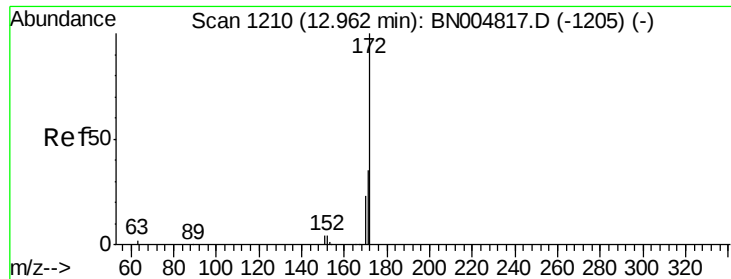


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

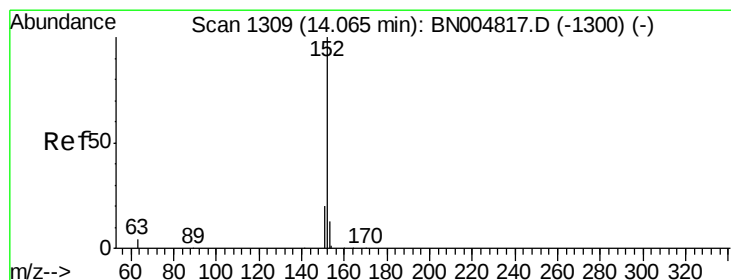
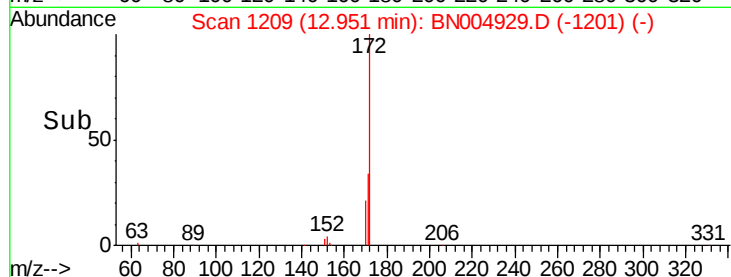
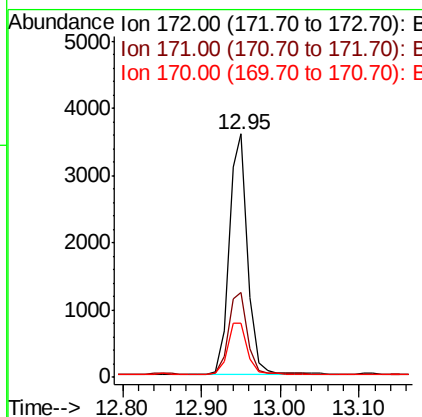
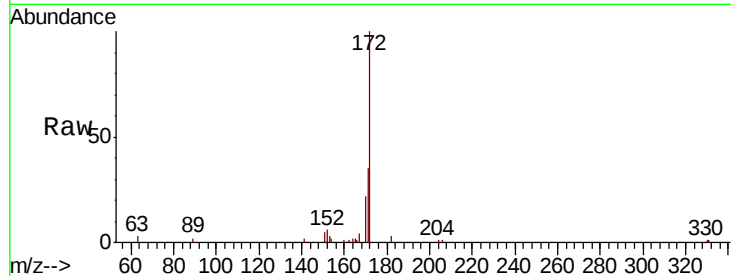




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

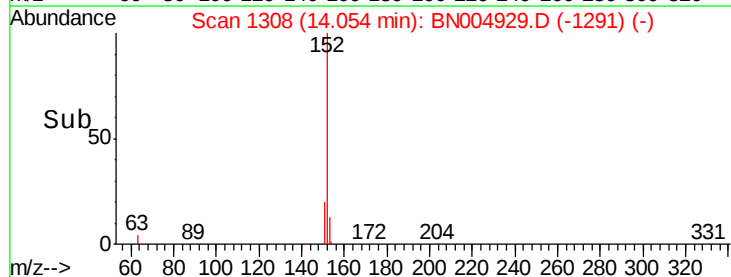
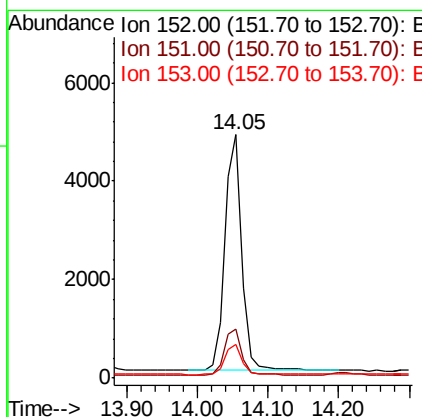
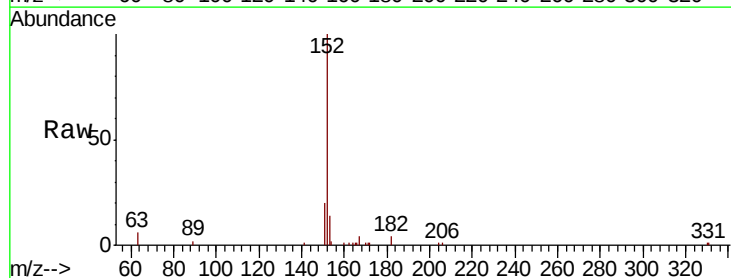
Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319MS

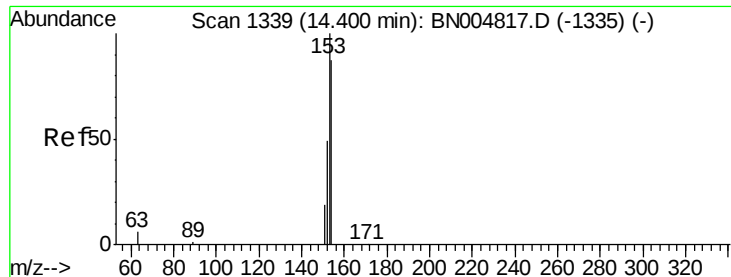
Tgt Ion:172 Resp: 5867
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 22.3 18.7 28.1



#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:152 Resp: 8129
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.302 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

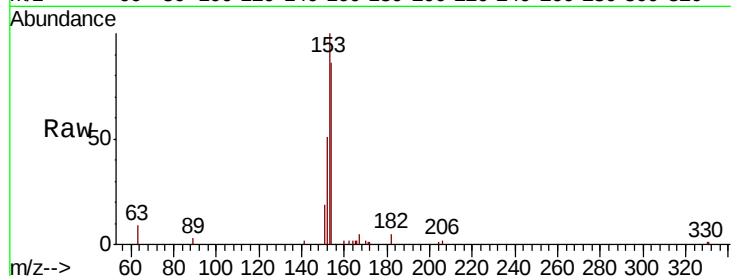
Tgt Ion:154 Resp: 4773

Ion Ratio Lower Upper

154 100

153 115.9 91.4 137.2

152 56.8 44.2 66.2

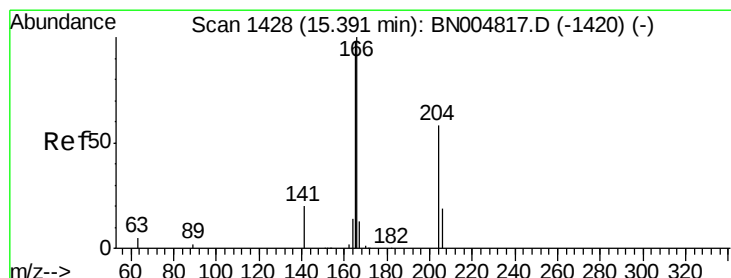
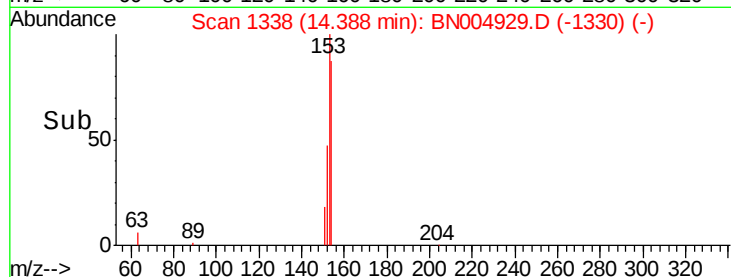
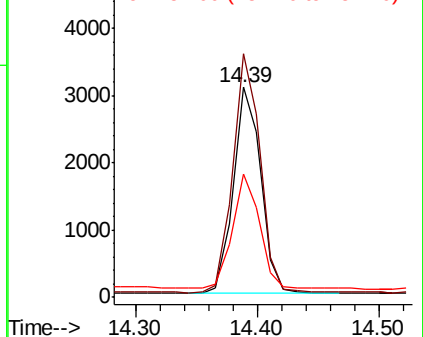


Abundance

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: 0.291 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

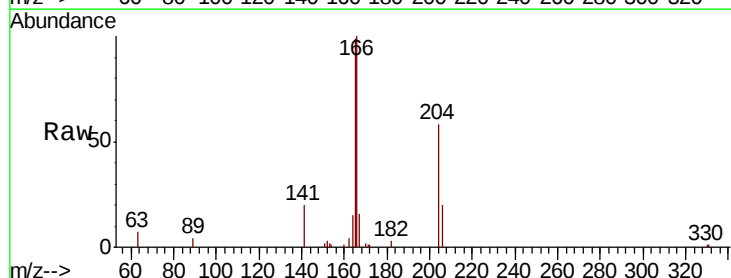
Tgt Ion:166 Resp: 6430

Ion Ratio Lower Upper

166 100

165 98.7 78.2 117.4

167 13.7 11.0 16.4

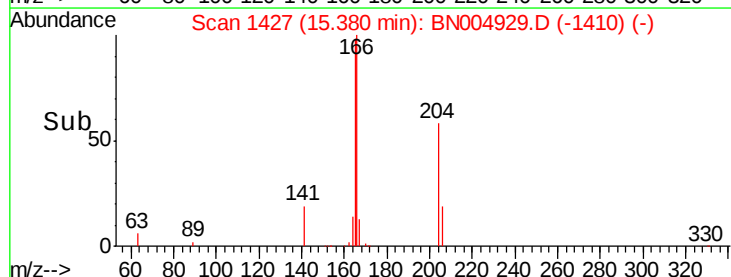
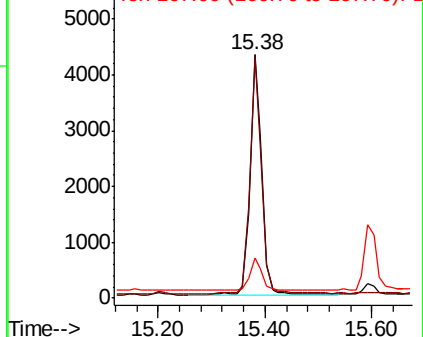


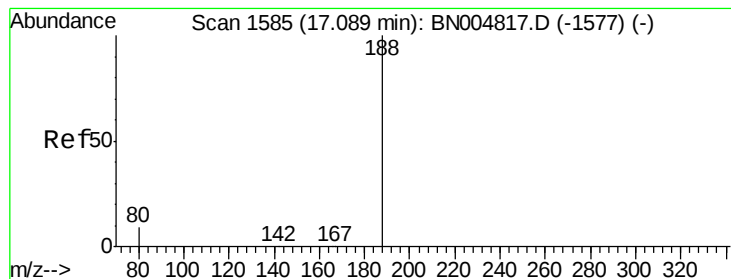
Abundance

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: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

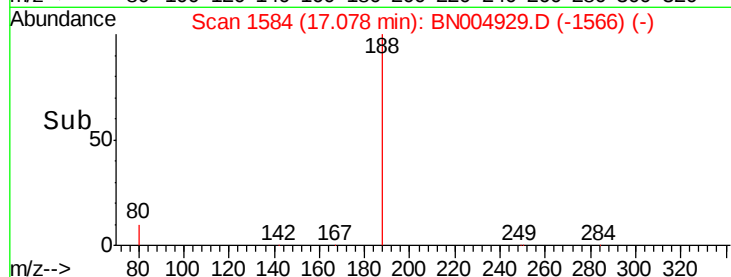
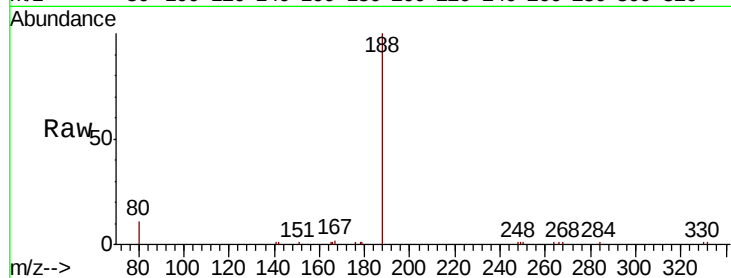
Tgt Ion:188 Resp: 10694

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

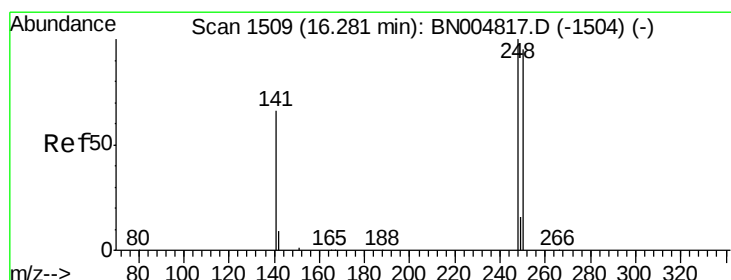
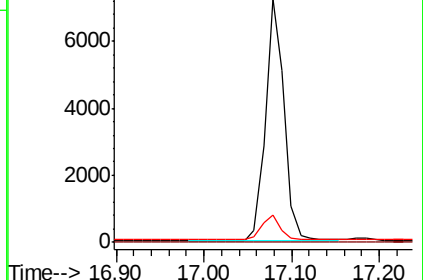
80 11.1 7.4 11.2



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: 0.295 ng

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

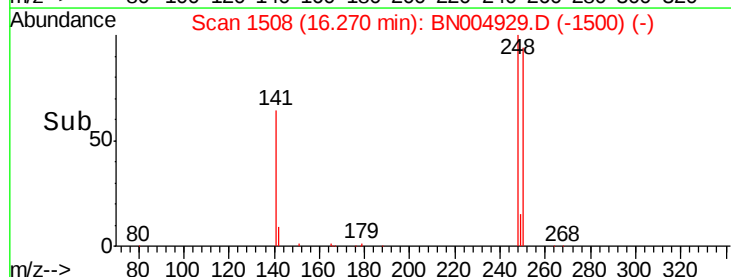
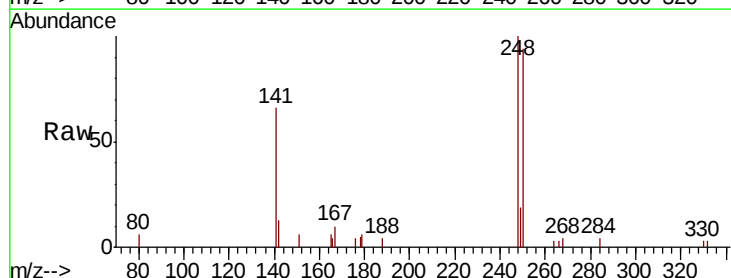
Tgt Ion:248 Resp: 2059

Ion Ratio Lower Upper

248 100

250 94.3 76.2 114.4

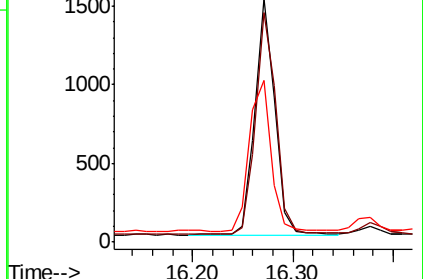
141 66.4 53.9 80.9

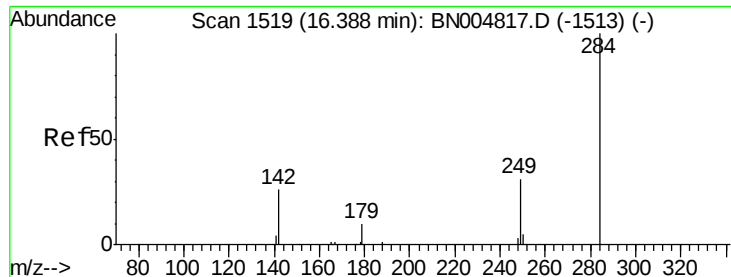


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.276 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

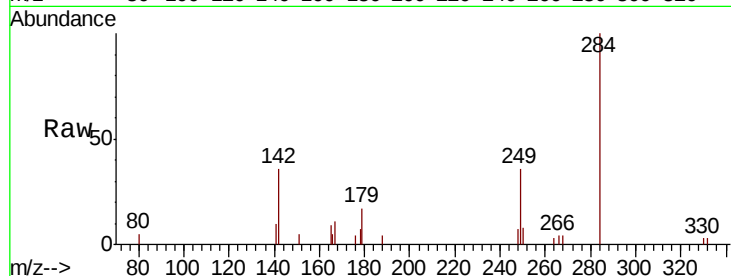
Tgt Ion:284 Resp: 2204

Ion Ratio Lower Upper

284 100

142 32.6 22.6 34.0

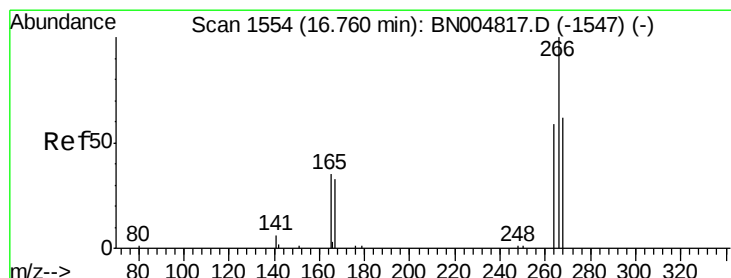
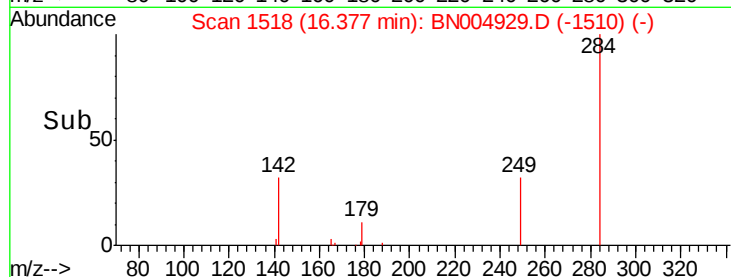
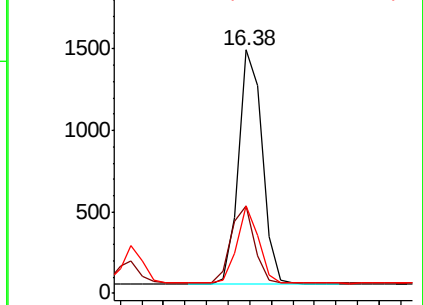
249 29.7 22.5 33.7



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: 0.931 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

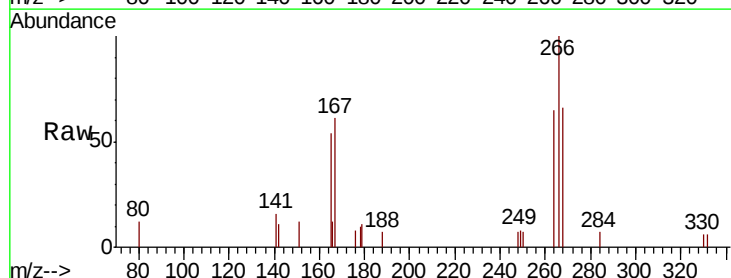
Tgt Ion:266 Resp: 1456

Ion Ratio Lower Upper

266 100

264 65.2 53.1 79.7

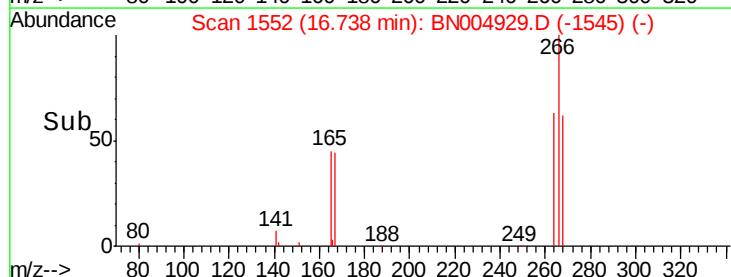
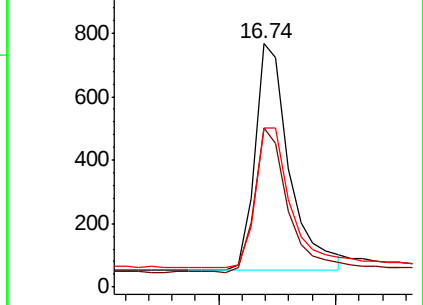
268 65.6 57.7 86.5

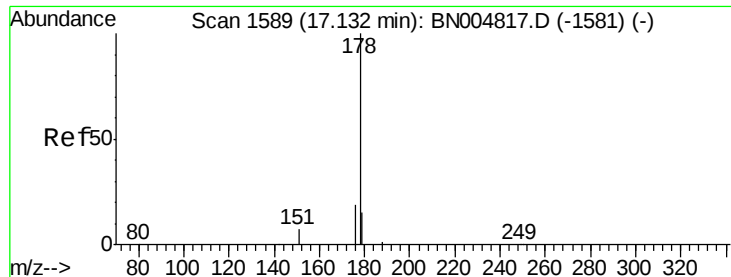


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

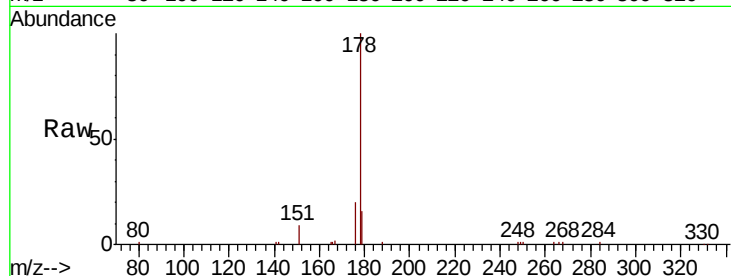
Tgt Ion:178 Resp: 14053

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

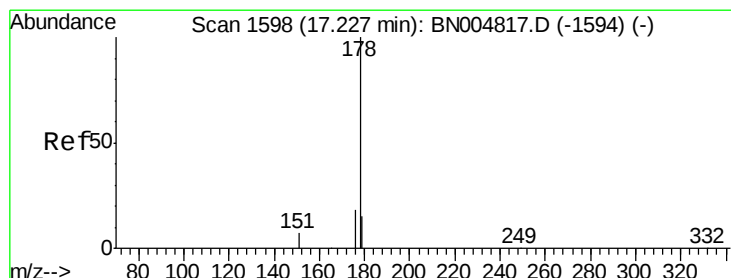
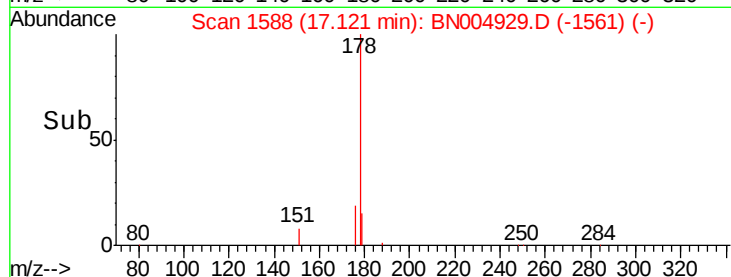
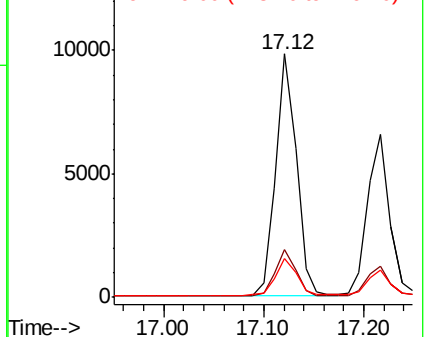
179 15.4 12.1 18.1



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: 0.329 ng

RT: 17.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

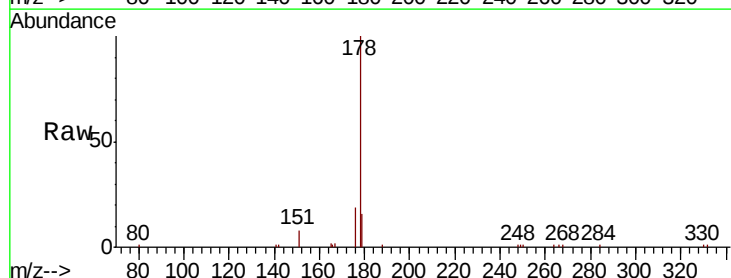
Tgt Ion:178 Resp: 10132

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

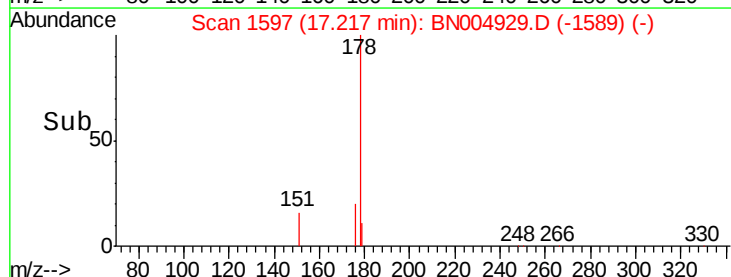
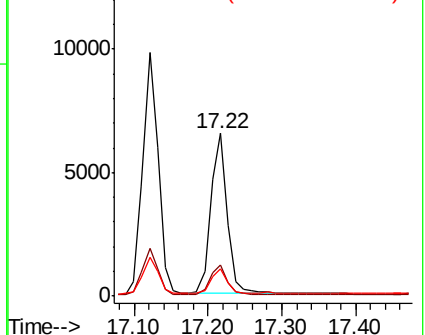
179 15.0 12.2 18.4

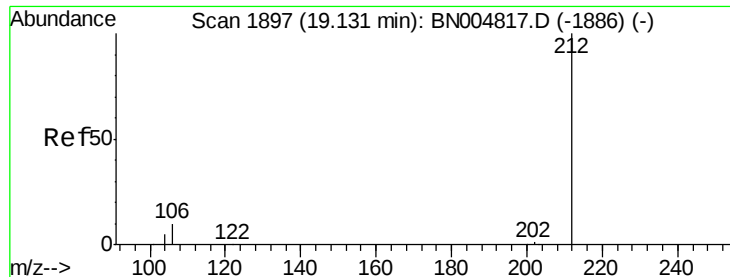


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

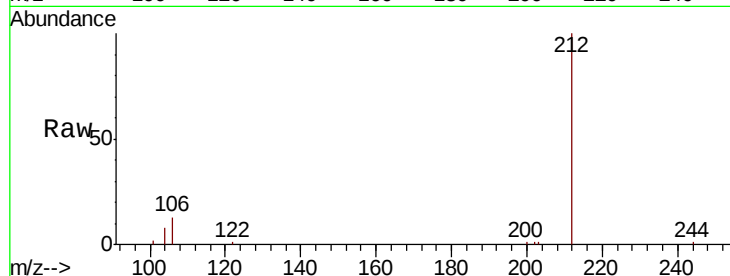




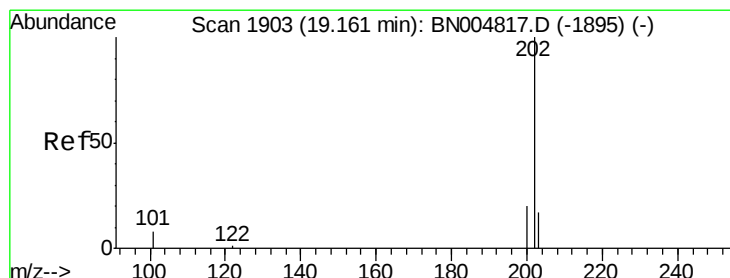
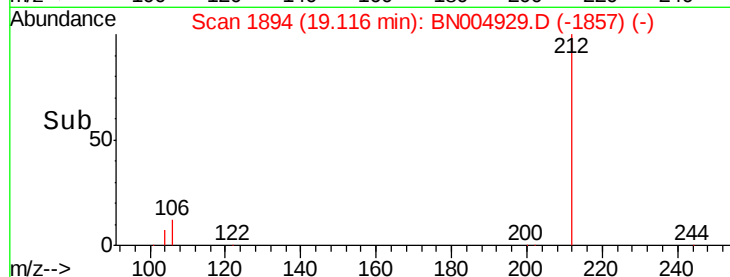
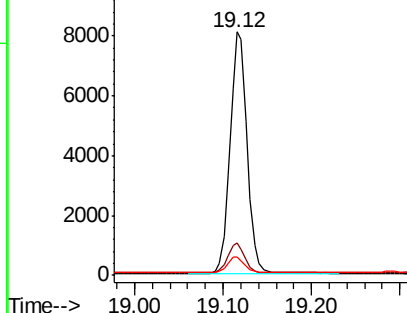
#25
 Fluoranthene-d10
 Concen: 0.303 ng
 RT: 19.12 min Scan# 1894
 Delta R.T. -0.02 min
 Lab File: BN004929.D
 Acq: 23 Mar 2019 20:15

Instrument :
 BNA_N
 ClientSampleId :
 PST-025-SW046-031319MS

Tgt Ion:212 Resp: 10840
 Ion Ratio Lower Upper
 212 100
 106 12.0 8.6 13.0
 104 6.8 4.7 7.1

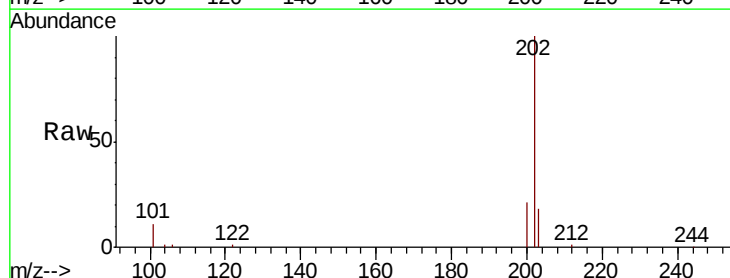


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

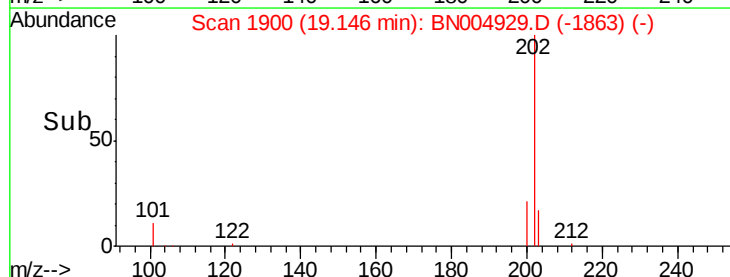
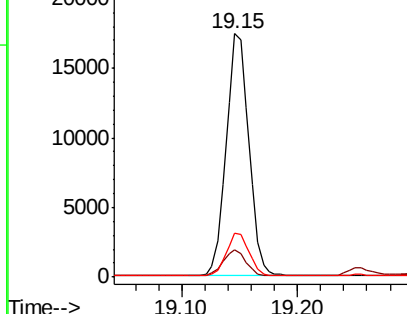


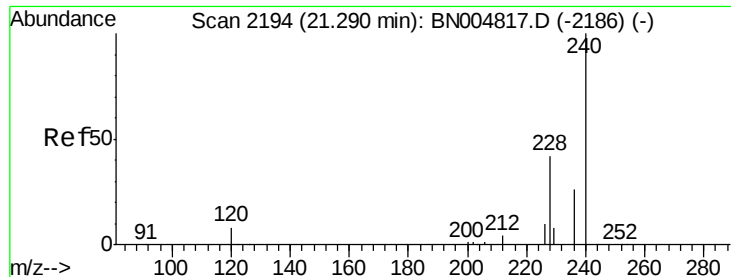
#26
 Fluoranthene
 Concen: 0.535 ng
 RT: 19.15 min Scan# 1900
 Delta R.T. -0.02 min
 Lab File: BN004929.D
 Acq: 23 Mar 2019 20:15

Tgt Ion:202 Resp: 23763
 Ion Ratio Lower Upper
 202 100
 101 10.4 7.5 11.3
 203 17.3 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

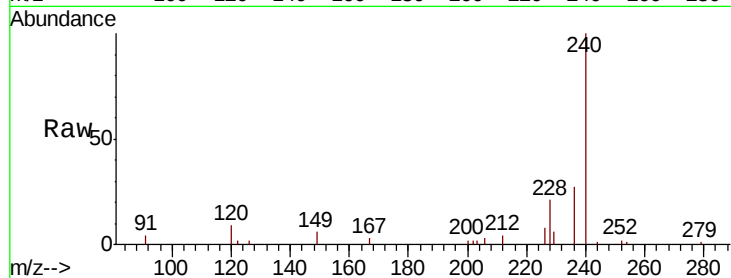




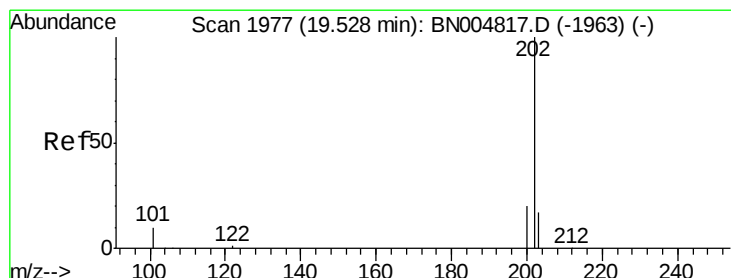
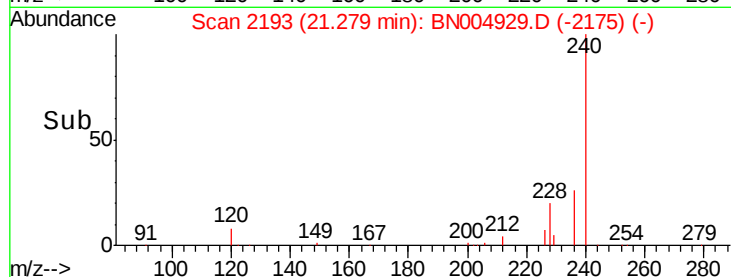
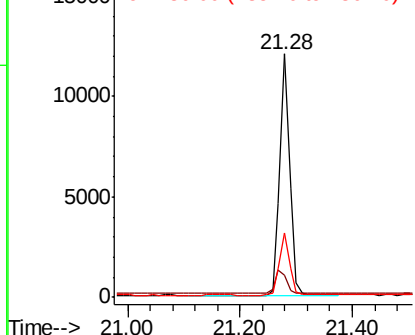
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319MS

Tgt Ion:240 Resp: 14847
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 26.6 20.9 31.3

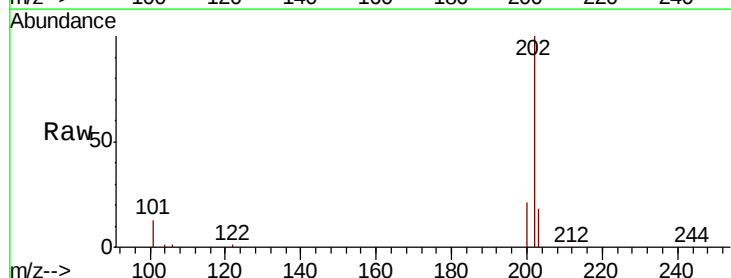


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

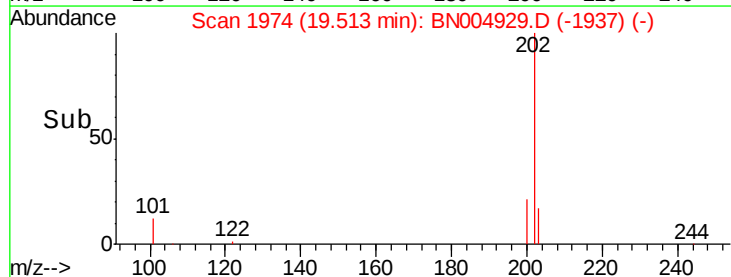
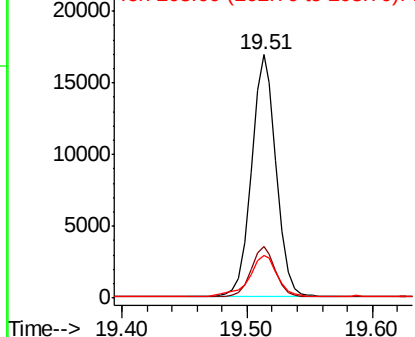


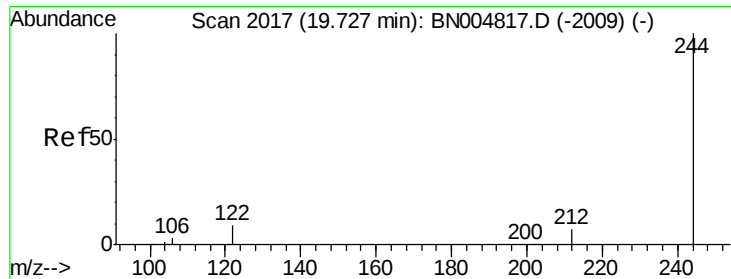
#28
Pyrene
Concen: 0.512 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:202 Resp: 23163
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 19.2 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: 0.233 ng

RT: 19.72 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

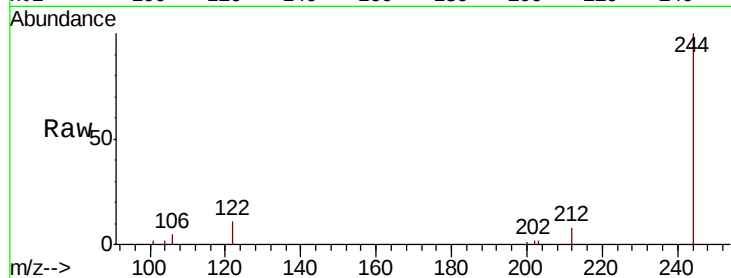
Tgt Ion:244 Resp: 7089

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

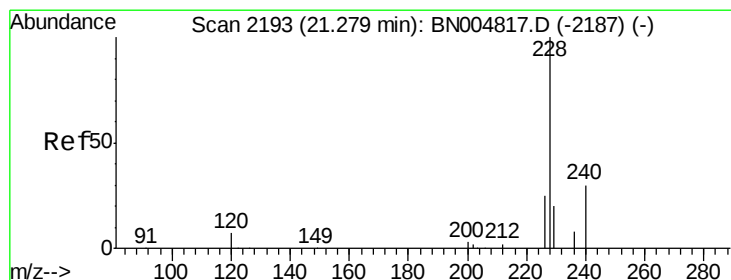
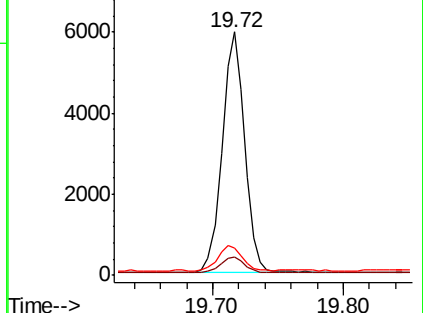
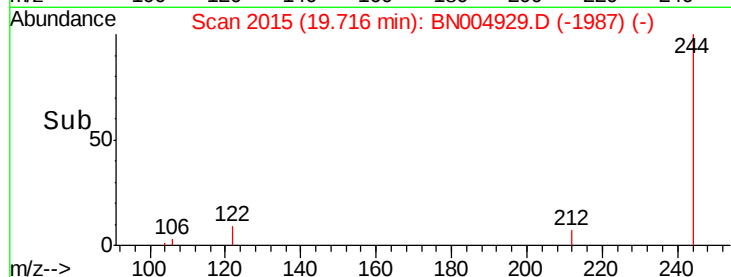
122 11.5 7.9 11.9



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: 0.418 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

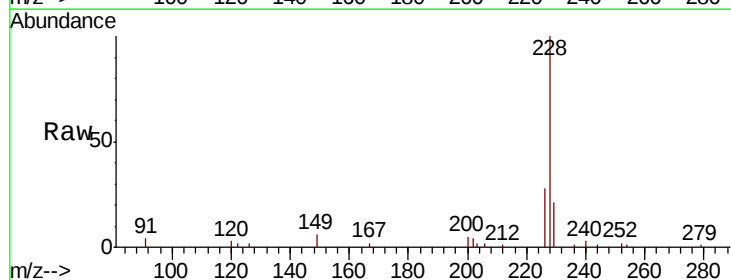
Tgt Ion:228 Resp: 20359

Ion Ratio Lower Upper

228 100

226 28.3 20.6 31.0

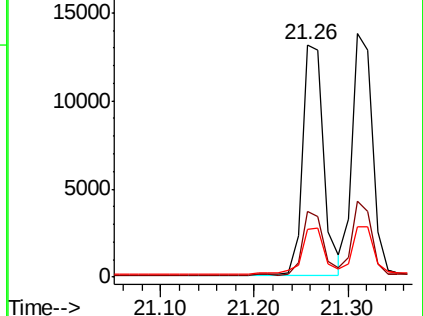
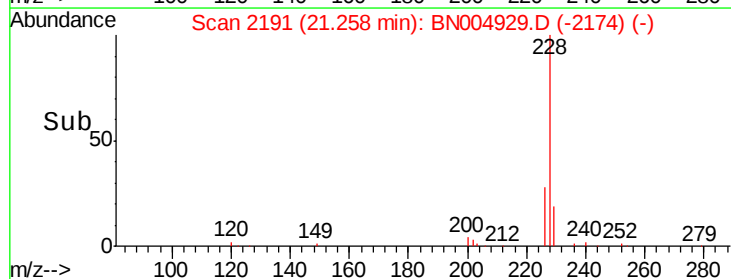
229 20.6 16.2 24.4

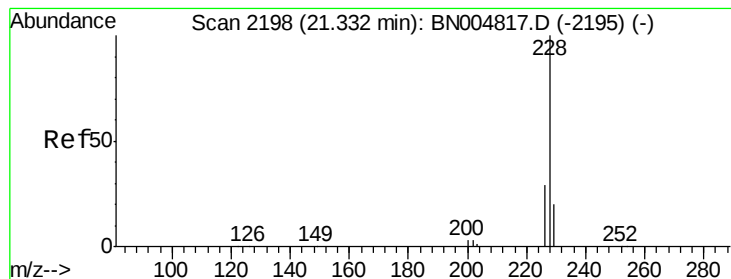


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.402 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

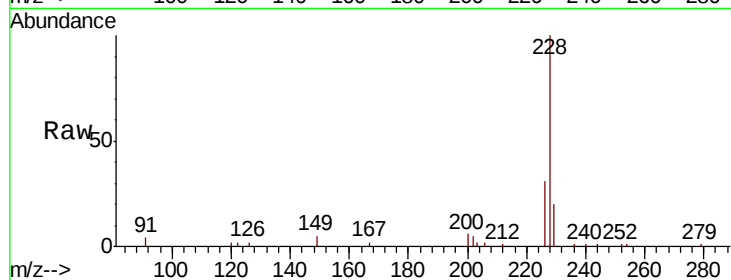
Tgt Ion:228 Resp: 20620

Ion Ratio Lower Upper

228 100

226 31.0 23.0 34.6

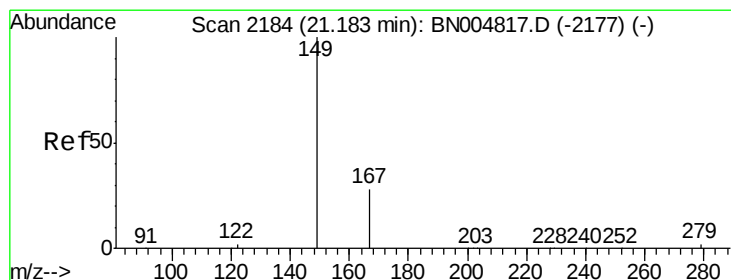
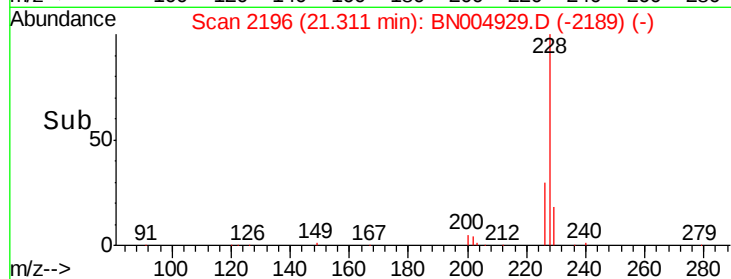
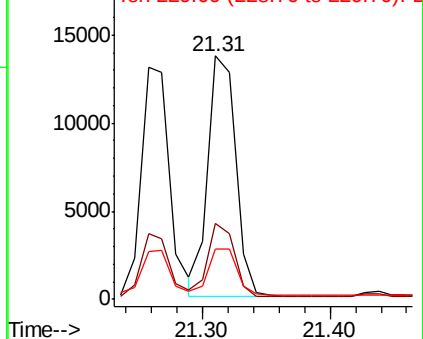
229 20.4 16.2 24.2



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: 0.663 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

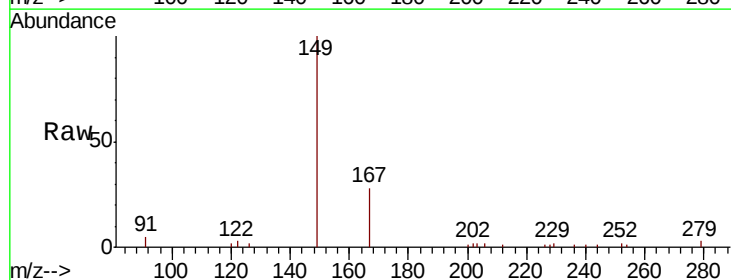
Tgt Ion:149 Resp: 12902

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

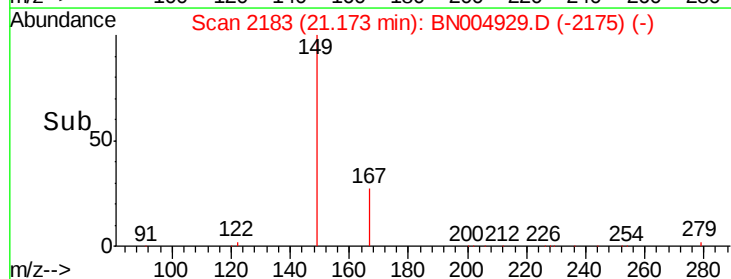
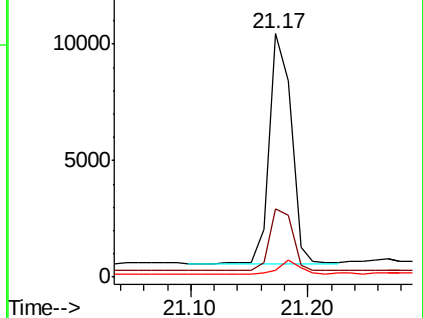
279 5.3 4.6 6.8

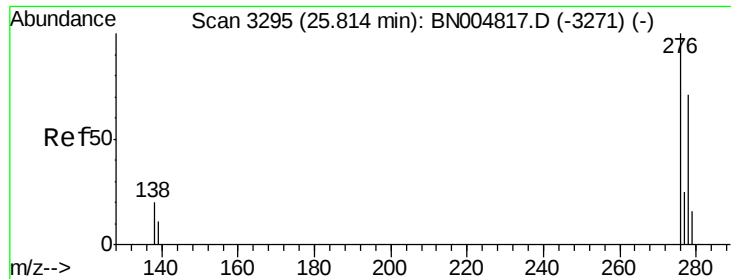


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.330 ng

RT: 25.79 min Scan# 3288

Delta R.T. -0.02 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

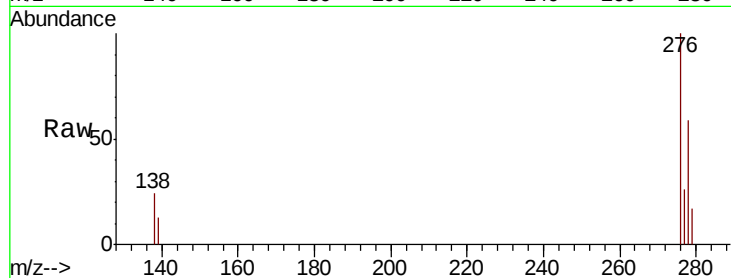
Tgt Ion:276 Resp: 24506

Ion Ratio Lower Upper

276 100

138 22.9 16.6 24.8

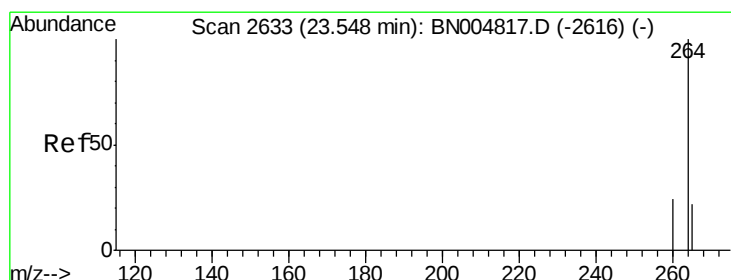
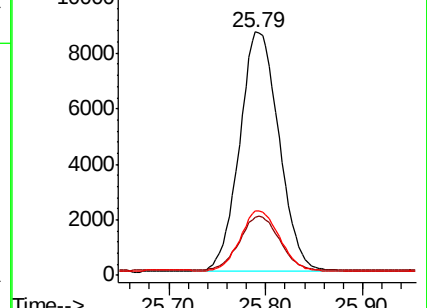
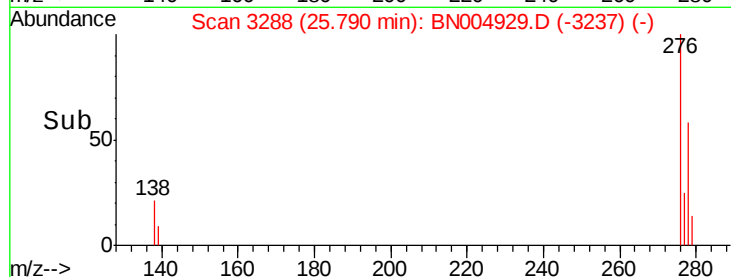
277 24.9 20.3 30.5



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: 23.53 min Scan# 2627

Delta R.T. -0.02 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

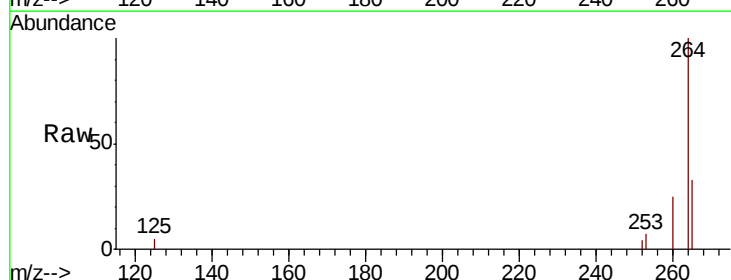
Tgt Ion:264 Resp: 17126

Ion Ratio Lower Upper

264 100

260 25.3 19.5 29.3

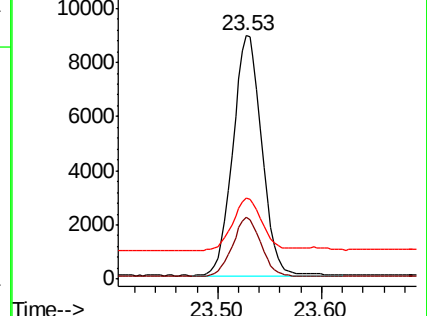
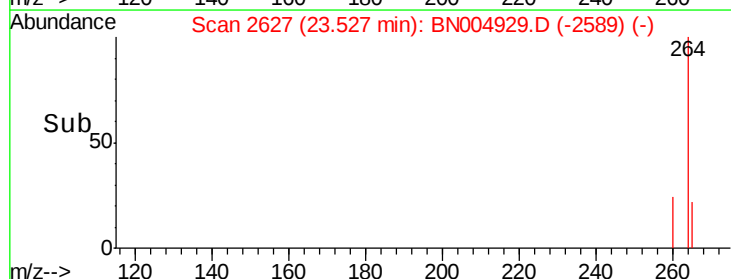
265 33.1 23.1 34.7

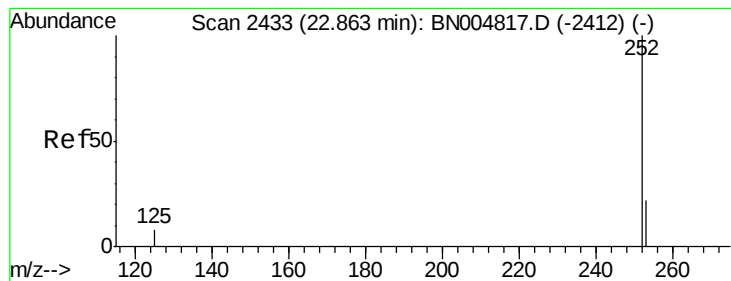


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.424 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

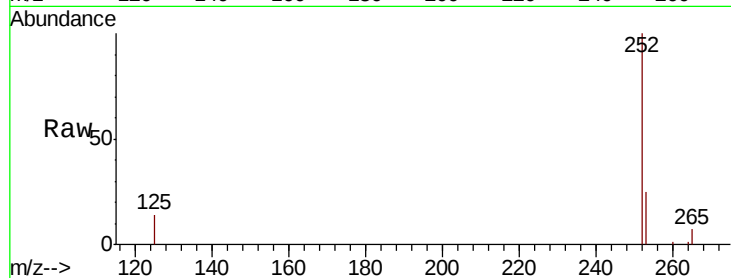
Tgt Ion:252 Resp: 26269

Ion Ratio Lower Upper

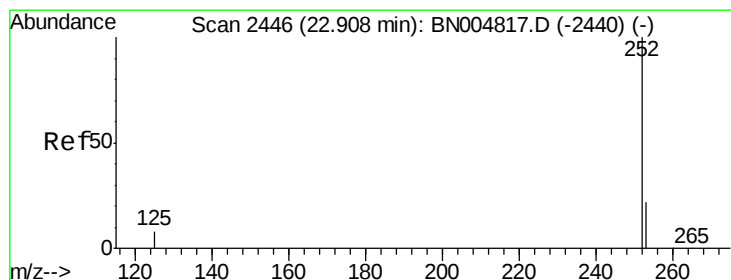
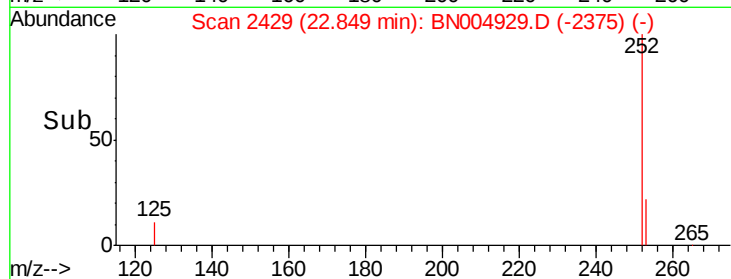
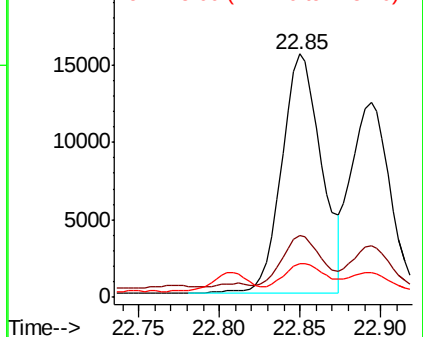
252 100

253 25.3 19.0 28.4

125 13.7 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.337 ng

RT: 22.89 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

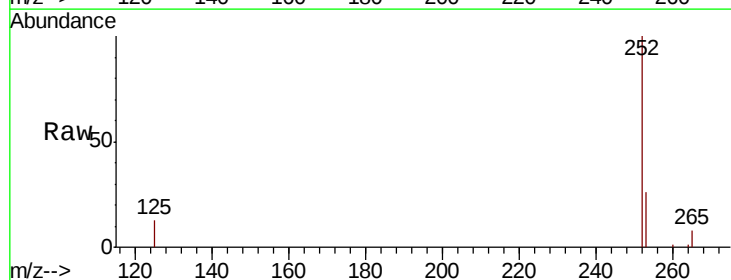
Tgt Ion:252 Resp: 20537

Ion Ratio Lower Upper

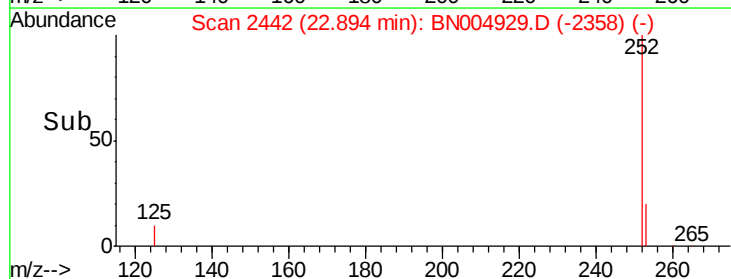
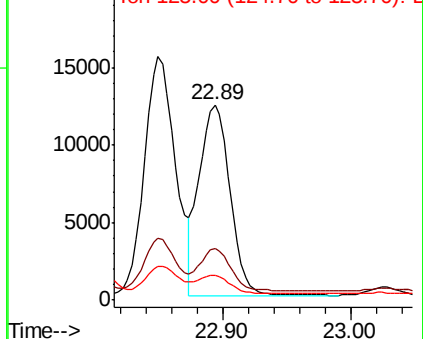
252 100

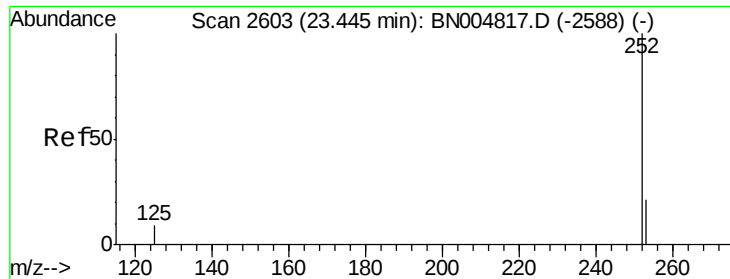
253 26.4 19.3 28.9

125 12.9 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.43 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

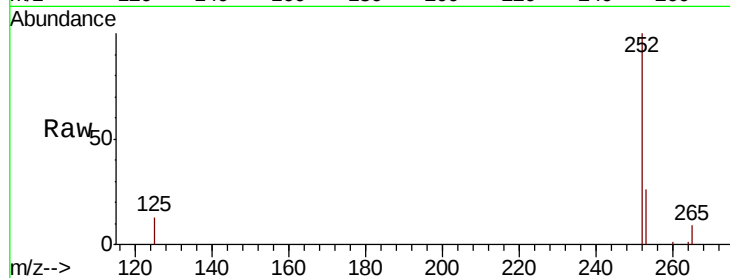
Tgt Ion:252 Resp: 22334

Ion Ratio Lower Upper

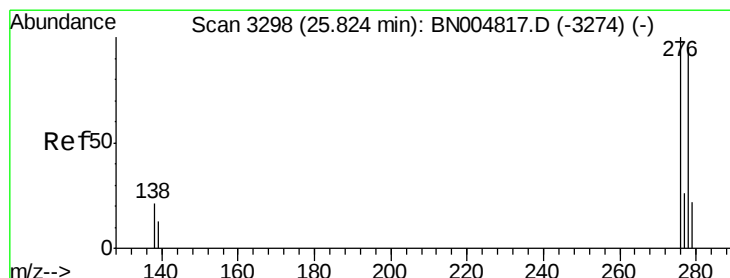
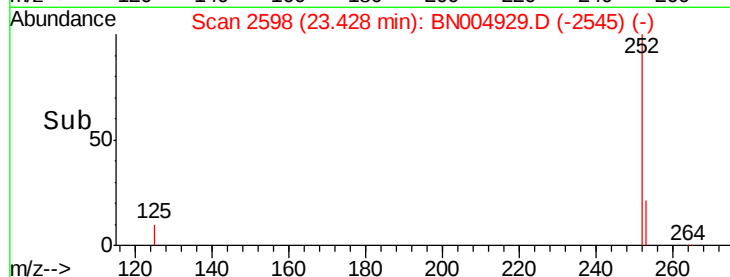
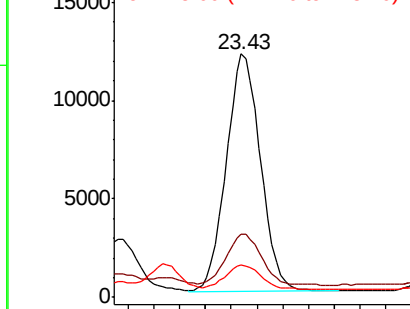
252 100

253 26.1 19.7 29.5

125 13.5 8.3 12.5#



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: 0.268 ng

RT: 25.80 min Scan# 3291

Delta R.T. -0.02 min

Lab File: BN004929.D

Acq: 23 Mar 2019 20:15

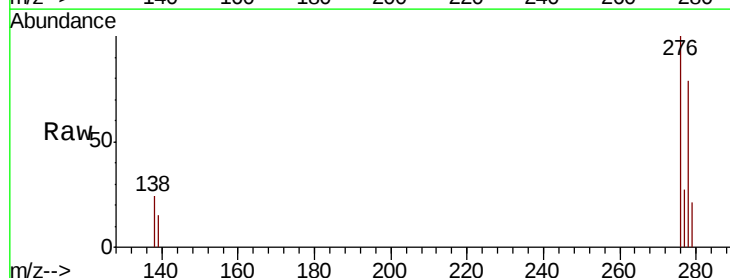
Tgt Ion:278 Resp: 17609

Ion Ratio Lower Upper

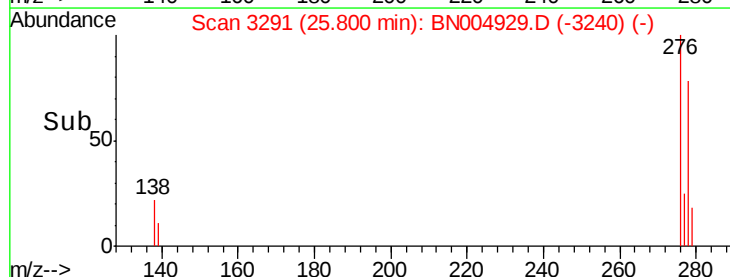
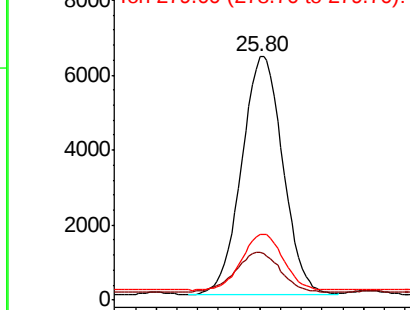
278 100

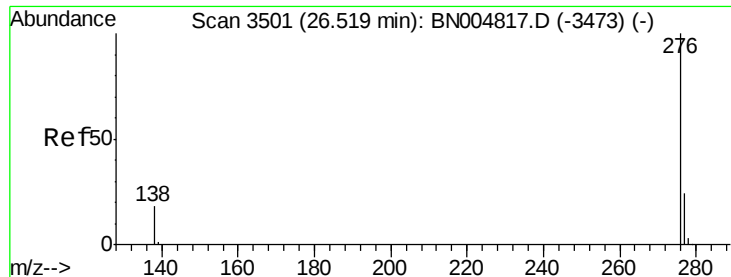
139 19.5 11.7 17.5#

279 26.8 19.9 29.9



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: 0.323 ng

RT: 26.49 min Scan# 3493

Delta R.T. -0.03 min

Lab File: BN004929.D

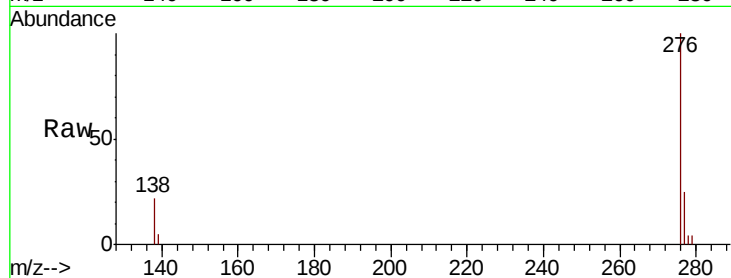
Acq: 23 Mar 2019 20:15

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS



Tgt Ion: 276 Resp: 21677

Ion Ratio Lower Upper

276 100

277 25.4 19.7 29.5

138 21.8 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

