

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032519\
 Data File : BN004961.D
 Acq On : 25 Mar 2019 15:21
 Operator : JU/SJ
 Sample : K1948-14MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 26 04:18:14 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	7.68	152	3570	0.40	ng	-0.02
7) Naphthalene-d8	10.47	136	13955	0.40	ng	-0.03
13) Acenaphthene-d10	14.32	164	6856	0.40	ng	-0.02
19) Phenanthrene-d10	17.08	188	13975	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	16869	0.40	ng	-0.01
34) Perylene-d12	23.53	264	18294	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	3405	0.35	ng	0.00
5) Phenol-d6	6.86	99	4164	0.34	ng	-0.02
8) Nitrobenzene-d5	8.84	82	3381	0.37	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	6943	0.29	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	1242	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	9064	0.32	ng	-0.02
25) Fluoranthene-d10	19.12	212	13144	0.28	ng	-0.02
29) Terphenyl-d14	19.72	244	8673	0.25	ng	-0.01

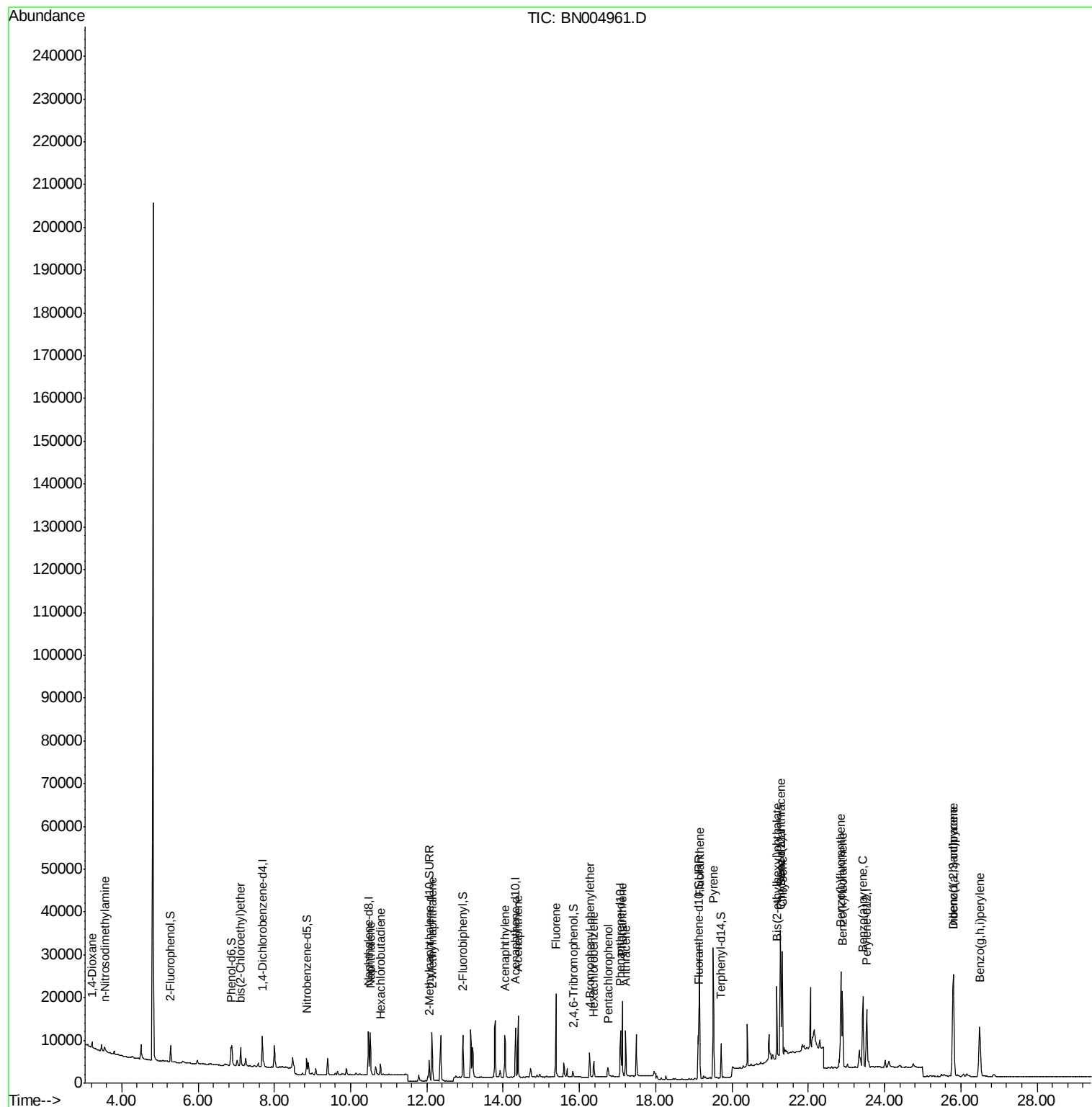
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	1019	0.251	ng	# 37
3) n-Nitrosodimethylamine	3.54	42	814	0.339	ng	# 79
6) bis(2-Chloroethyl)ether	7.12	93	3576	0.328	ng	99
9) Naphthalene	10.52	128	12588	0.322	ng	99
10) Hexachlorobutadiene	10.78	225	2066	0.277	ng	# 99
12) 2-Methylnaphthalene	12.14	142	8446	0.291	ng	99
16) Acenaphthylene	14.04	152	11908	0.337	ng	100
17) Acenaphthene	14.39	154	7148	0.309	ng	99
18) Fluorene	15.38	166	9036	0.280	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	2868	0.314	ng	# 89
21) Hexachlorobenzene	16.38	284	2950	0.282	ng	93
22) Pentachlorophenol	16.75	266	1545	0.756	ng	95
23) Phenanthrene	17.12	178	18268	0.405	ng	99
24) Anthracene	17.22	178	13397	0.332	ng	99
26) Fluoranthene	19.15	202	29126	0.502	ng	99
28) Pyrene	19.51	202	28130	0.547	ng	98
30) Benzo(a)anthracene	21.27	228	23137	0.418	ng	97
31) Chrysene	21.32	228	23693	0.407	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	17409	0.788	ng	98
33) Indeno(1,2,3-cd)pyrene	25.80	276	27656	0.328	ng	97
35) Benzo(b)fluoranthene	22.85	252	28792	0.435	ng	# 92
36) Benzo(k)fluoranthene	22.90	252	22807	0.350	ng	# 92
37) Benzo(a)pyrene	23.43	252	23827	0.392	ng	# 92
38) Dibenzo(a,h)anthracene	25.81	278	19945	0.284	ng	# 91
39) Benzo(g,h,i)perylene	26.50	276	24483	0.342	ng	# 94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.68 min Scan# 578

Delta R.T. -0.02 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

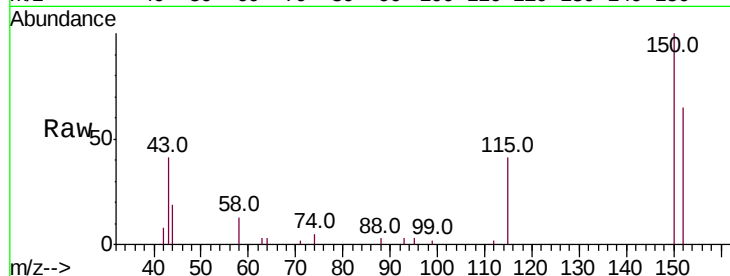
Tot Ion:152 Resp: 3570

Ion Ratio Lower Upper

152 100

150 154.7 126.2 189.4

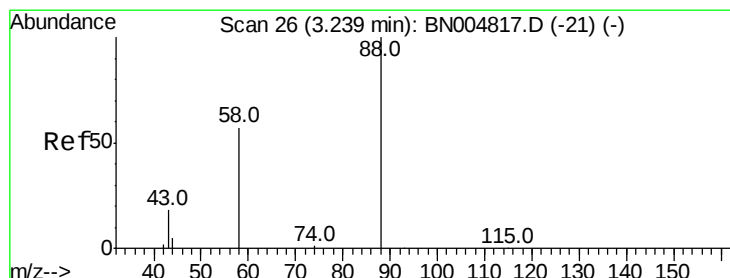
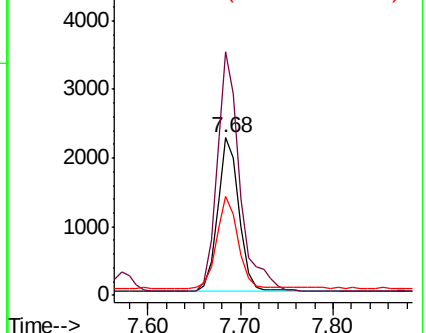
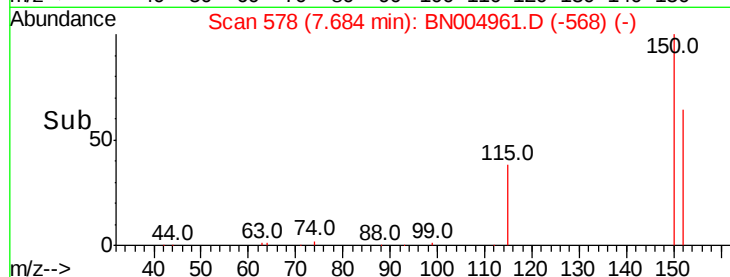
115 63.0 52.6 79.0



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: 0.251 ng

RT: 3.22 min Scan# 24

Delta R.T. -0.02 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

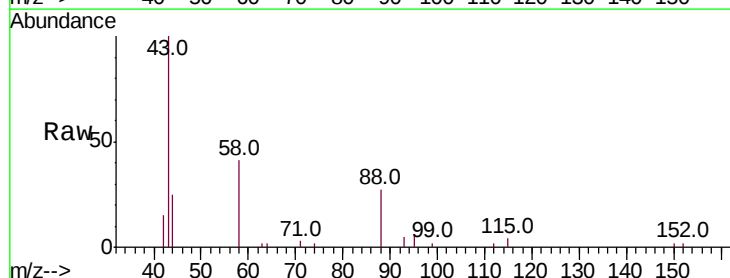
Tgt Ion: 88 Resp: 1019

Ion Ratio Lower Upper

88 100

58 84.2 51.4 77.2#

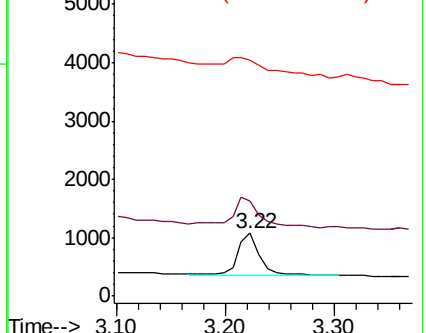
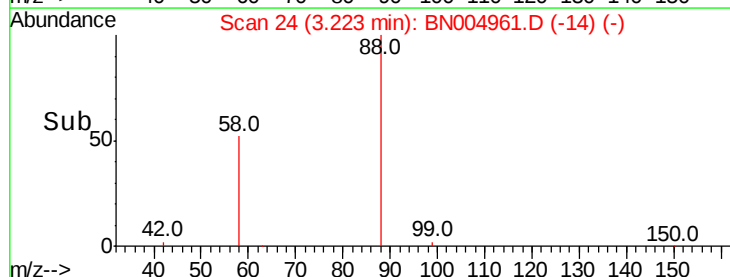
43 104.4 20.0 30.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.339 ng

RT: 3.54 min Scan# 64

Delta R.T. -0.03 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

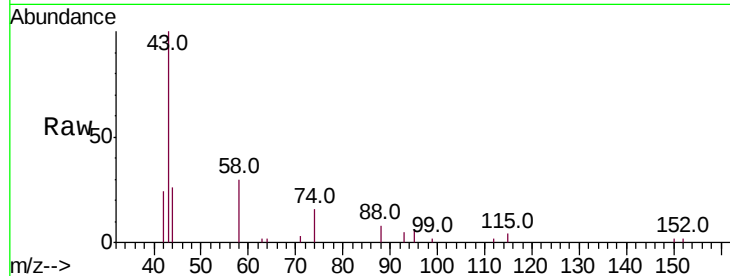
Tot Ion: 42 Resp: 814

Ion Ratio Lower Upper

42 100

74 188.7 128.4 192.6

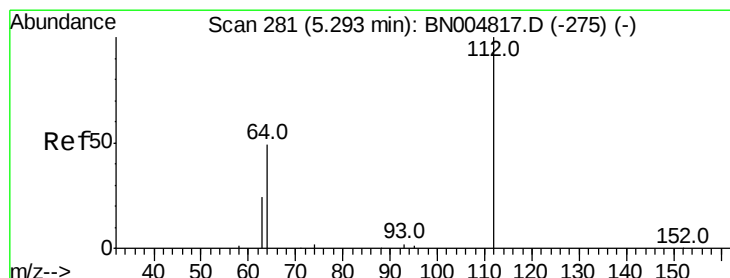
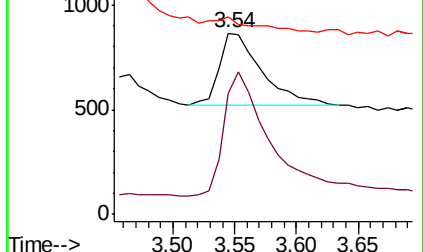
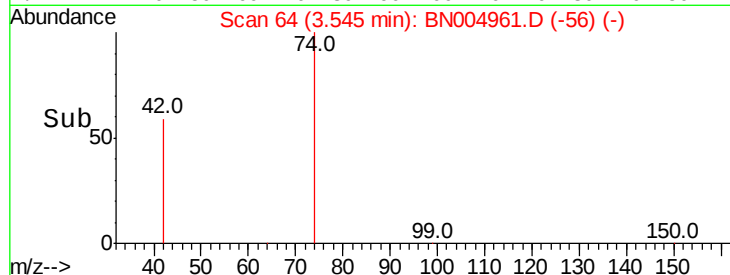
44 0.0 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.351 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

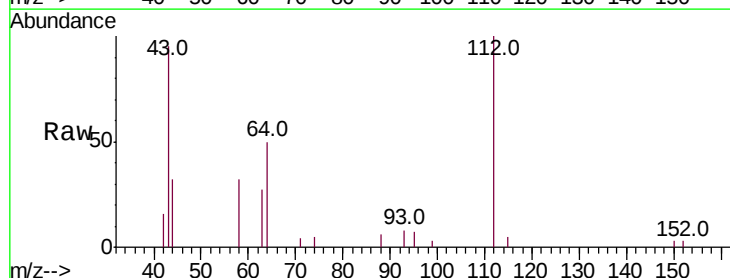
Tgt Ion: 112 Resp: 3405

Ion Ratio Lower Upper

112 100

64 51.8 40.0 60.0

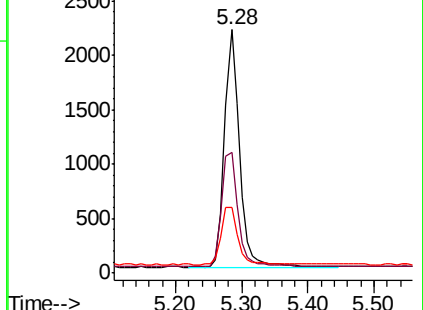
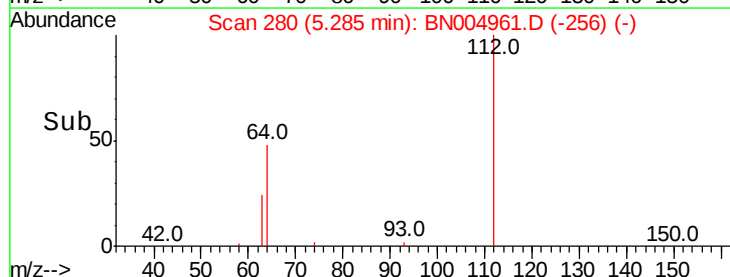
63 26.1 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.345 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

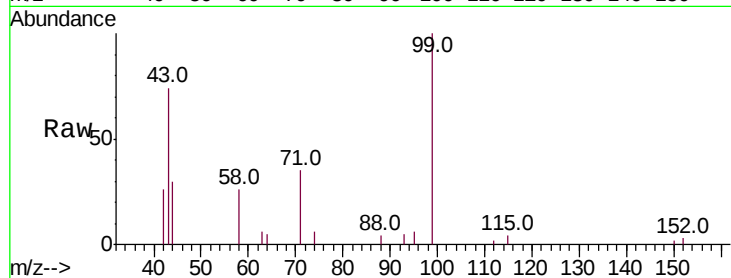
Tot Ion: 99 Resp: 4164

Ion Ratio Lower Upper

99 100

42 22.9 12.7 19.1#

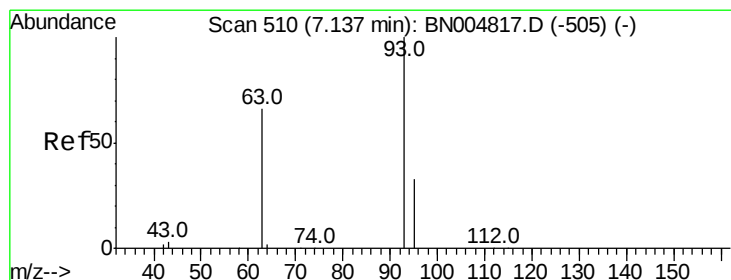
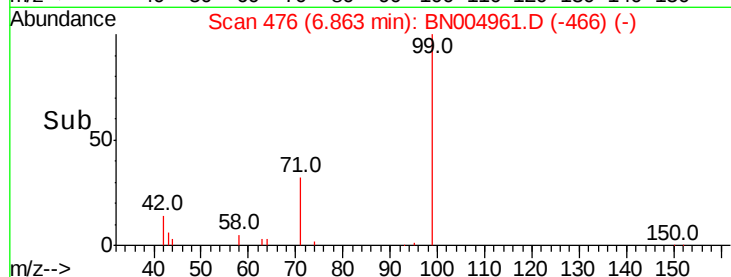
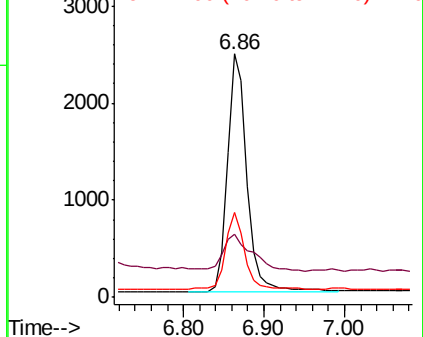
71 31.1 26.6 40.0



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: BN004961.D

Acq: 25 Mar 2019 15:21

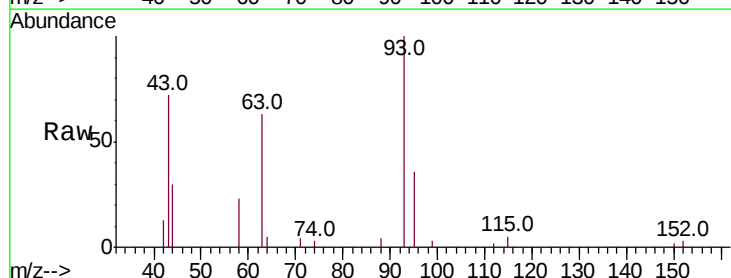
Tgt Ion: 93 Resp: 3576

Ion Ratio Lower Upper

93 100

63 66.7 52.6 78.8

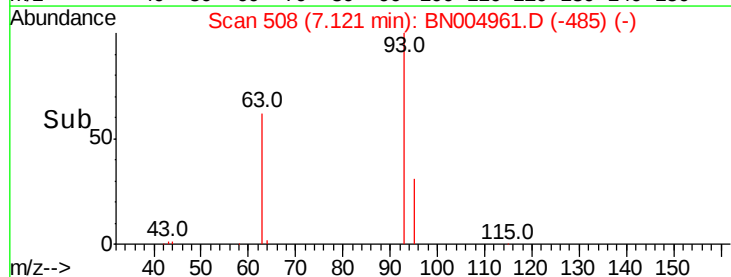
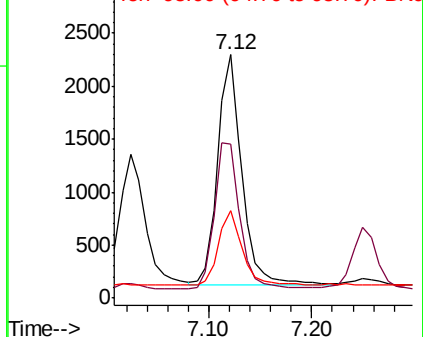
95 31.5 25.9 38.9

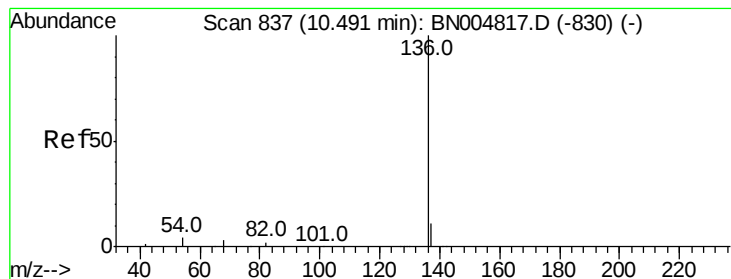


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

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: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

Tot Ion:136 Resp: 13955

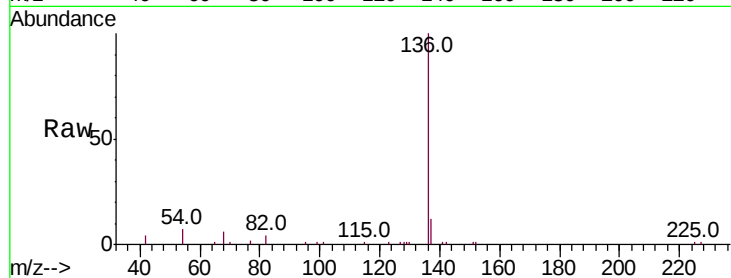
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 7.0 4.2 6.2#

68 6.2 3.9 5.9#

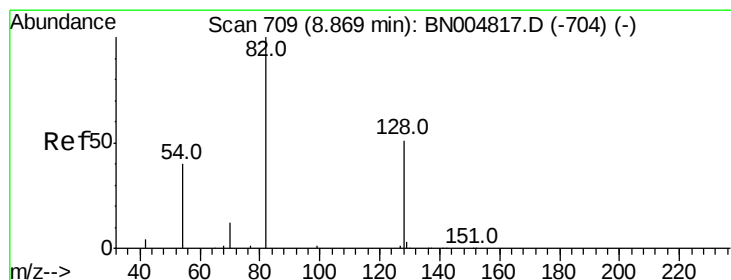
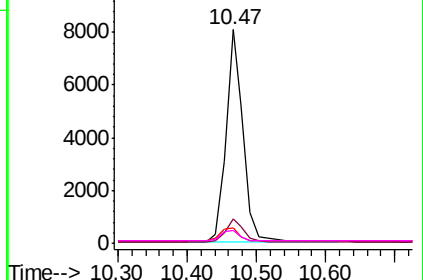
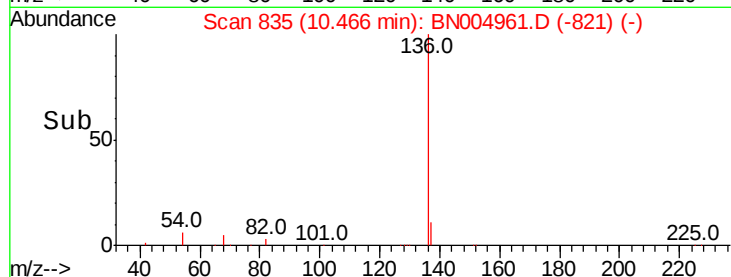


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.366 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

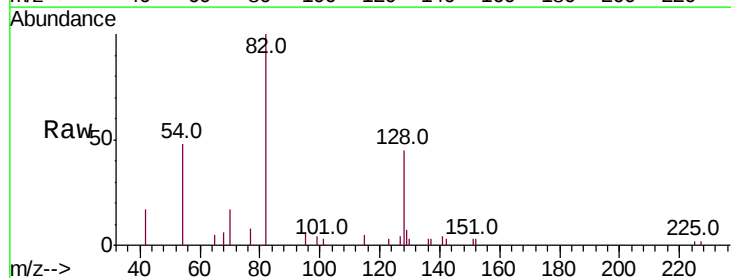
Tgt Ion: 82 Resp: 3381

Ion Ratio Lower Upper

82 100

128 44.7 43.0 64.6

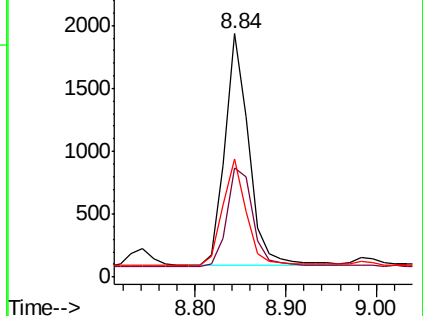
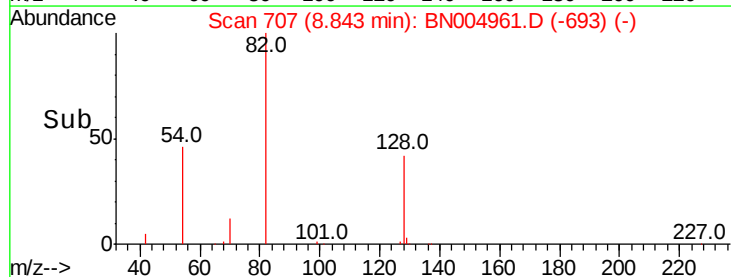
54 48.4 35.3 52.9

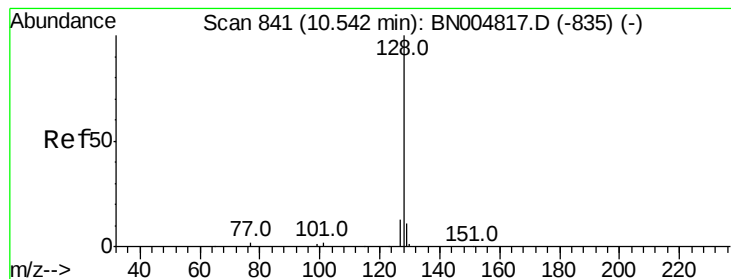


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.322 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004961.D

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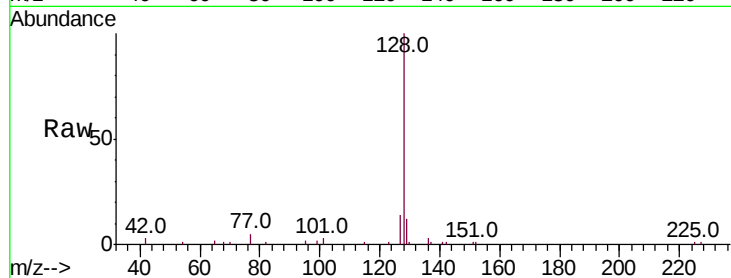
Tot Ion:128 Resp: 12588

Ion Ratio Lower Upper

128 100

129 11.5 9.9 14.9

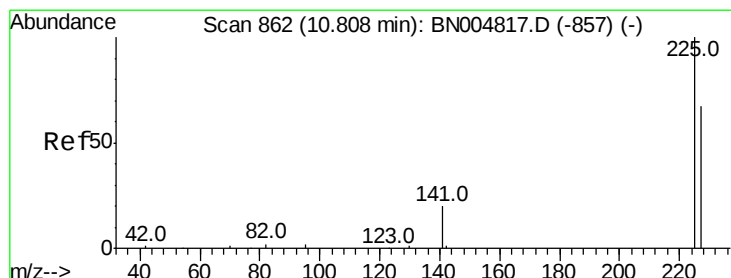
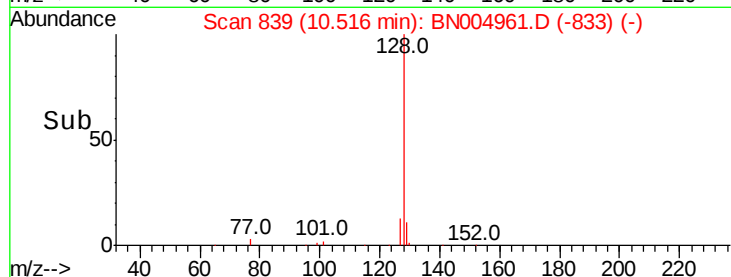
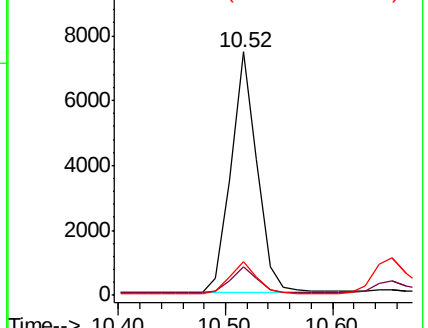
127 13.8 11.3 16.9



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: 0.277 ng

RT: 10.78 min Scan# 860

Delta R.T. -0.03 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

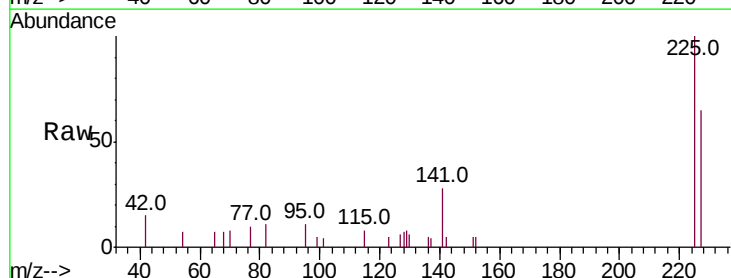
Tgt Ion:225 Resp: 2066

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

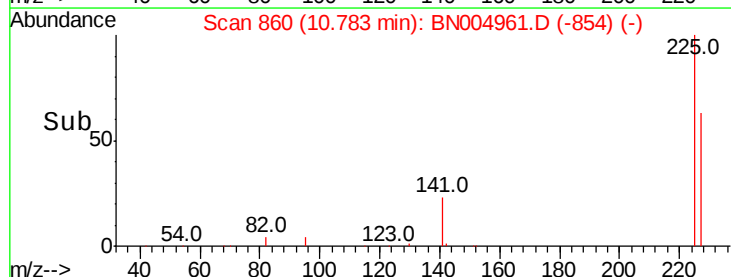
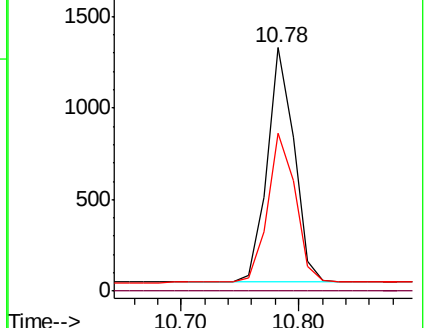
227 64.7 52.2 78.4

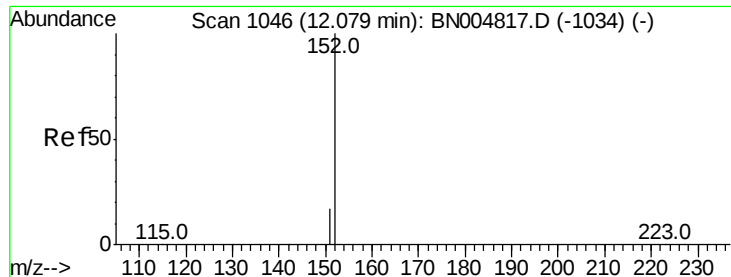


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

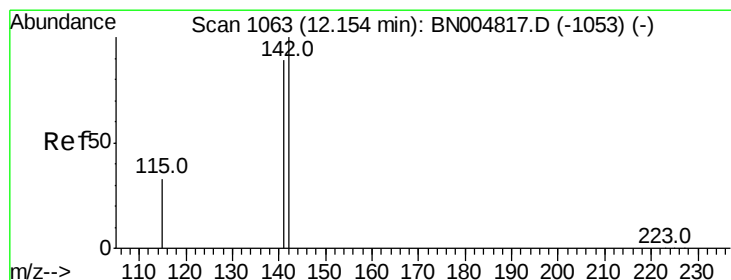
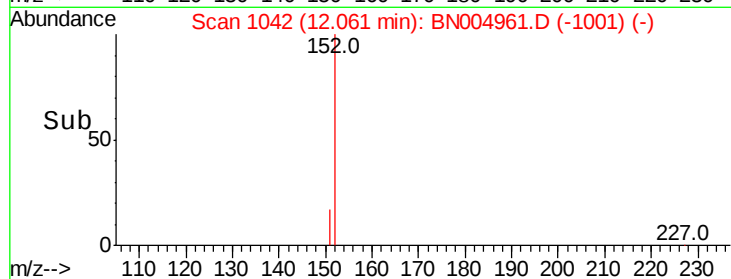
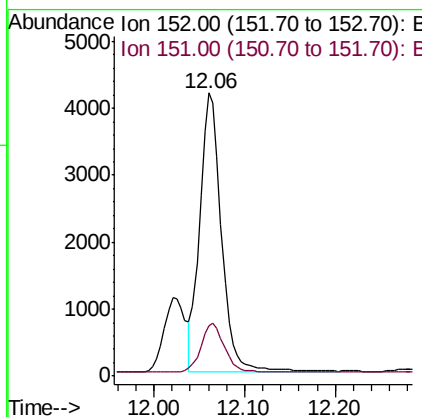
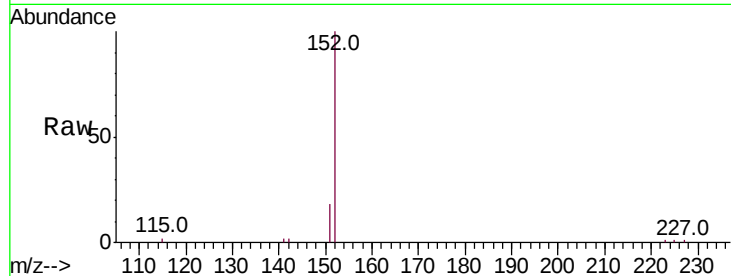




#11
 2-Methylnaphthalene-d10
 Concen: 0.285 ng
 RT: 12.06 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BN004961.D
 Acq: 25 Mar 2019 15:21

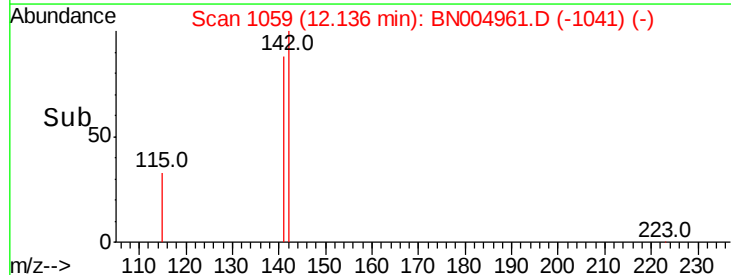
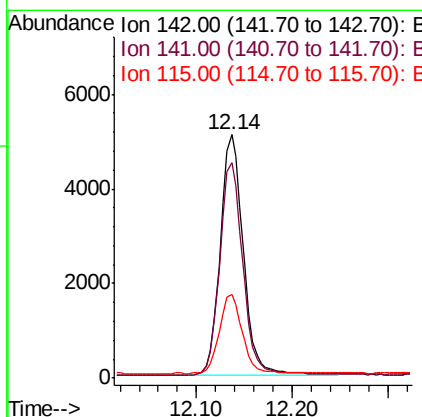
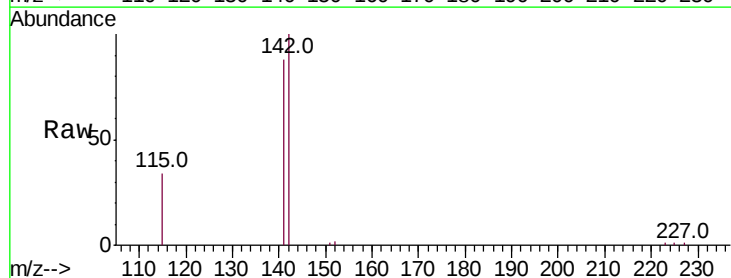
Instrument :
 BNA_N
 ClientSampleId :
 PST-025-SW046-031319MS

Tot Ion:152 Resp: 6943
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.291 ng
 RT: 12.14 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BN004961.D
 Acq: 25 Mar 2019 15:21

Tgt Ion:142 Resp: 8446
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.4 107.2
 115 34.4 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

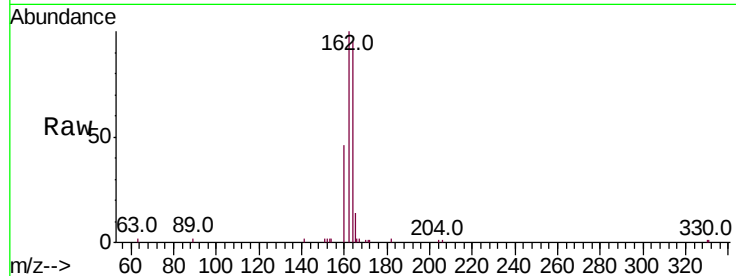
Tot Ion:164 Resp: 6856

Ion Ratio Lower Upper

164 100

162 104.8 81.9 122.9

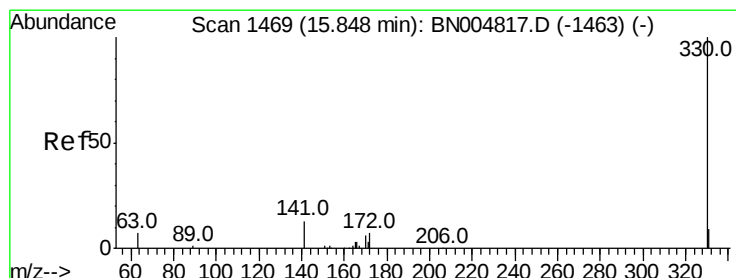
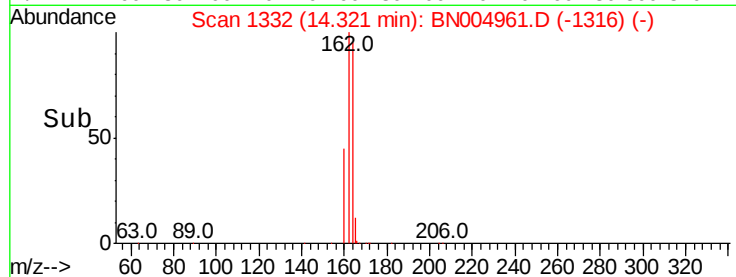
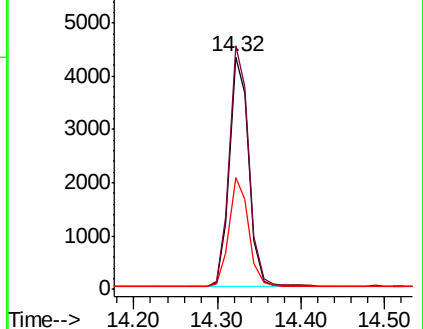
160 47.9 36.6 54.8



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: 0.262 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

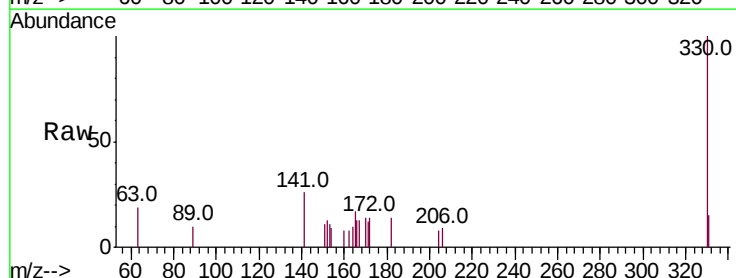
Tgt Ion:330 Resp: 1242

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

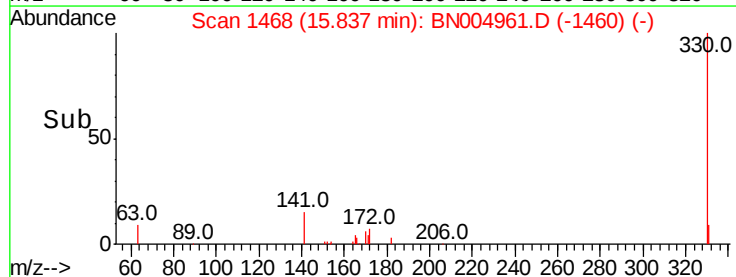
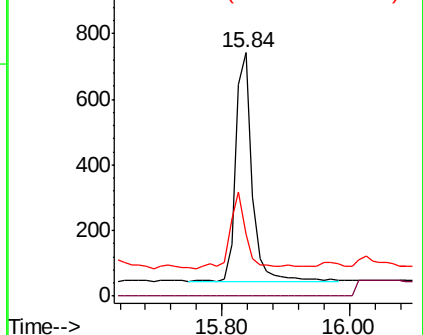
141 32.4 20.9 31.3#



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

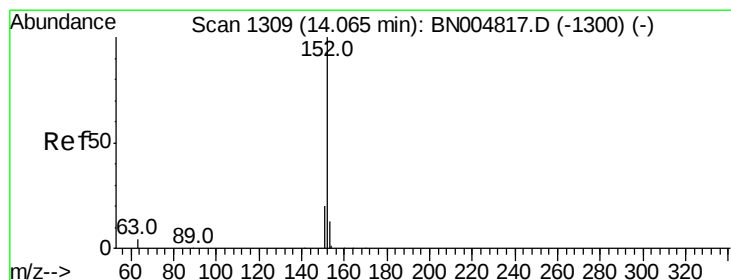
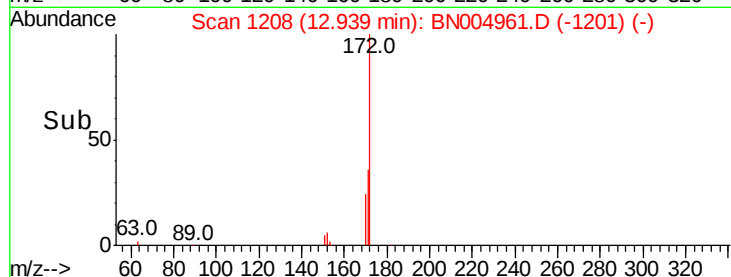
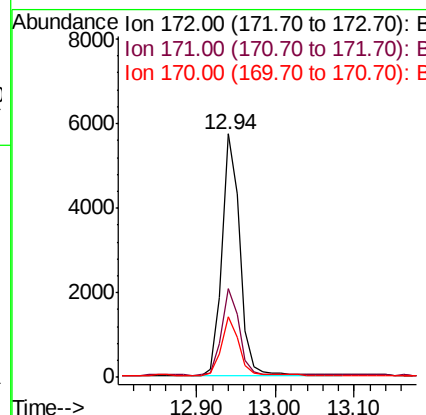
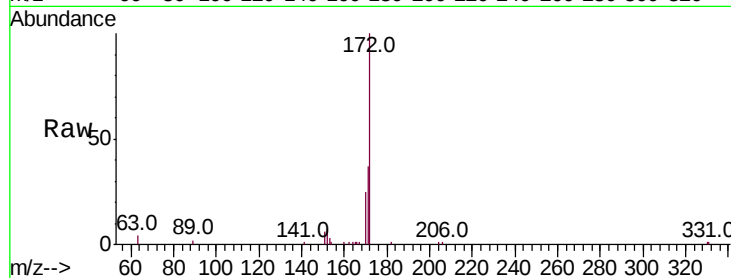




#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004961.D
Acq: 25 Mar 2019 15:21

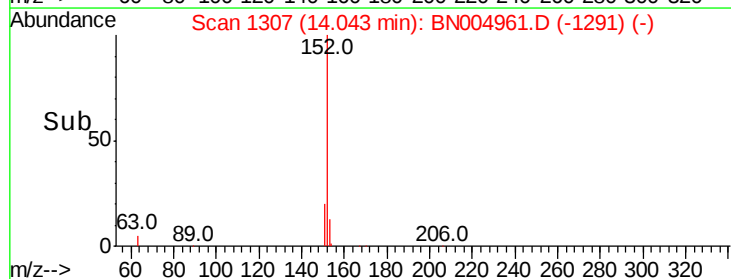
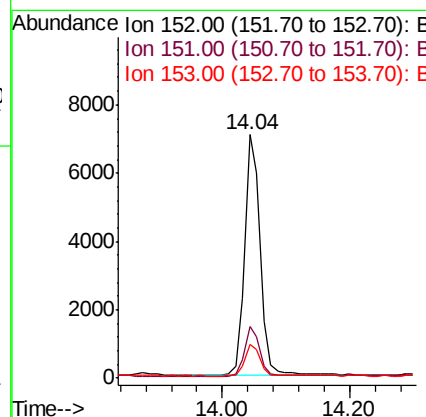
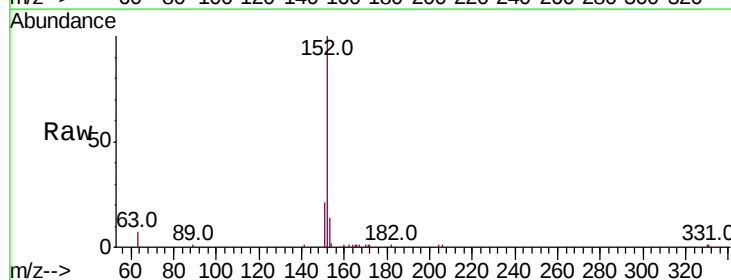
Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319MS

Tot Ion:172 Resp: 9064
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.7 18.7 28.1



#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004961.D
Acq: 25 Mar 2019 15:21

Tgt Ion:152 Resp: 11908
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.309 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

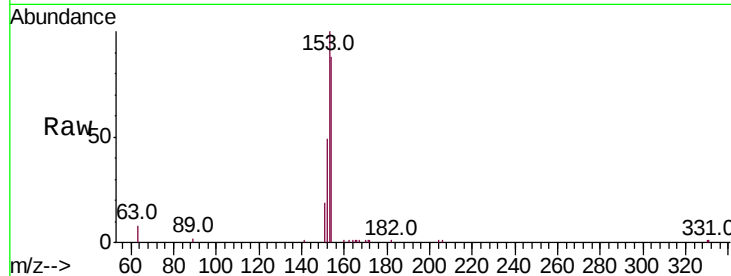
Tot Ion:154 Resp: 7148

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

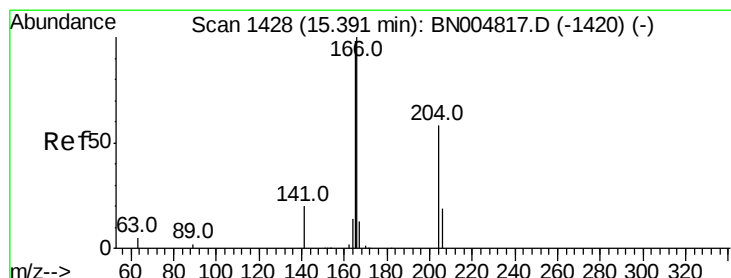
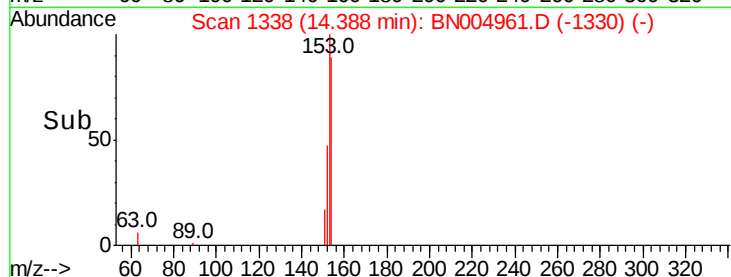
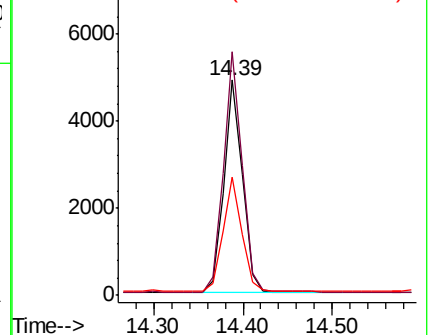
152 54.6 44.2 66.2



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: 0.280 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

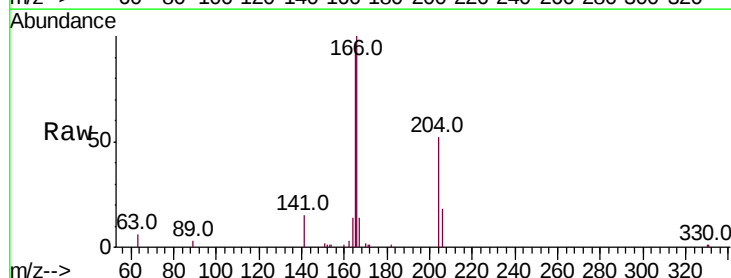
Tgt Ion:166 Resp: 9036

Ion Ratio Lower Upper

166 100

165 97.6 78.2 117.4

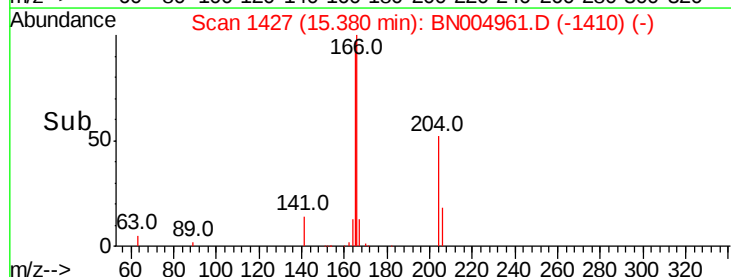
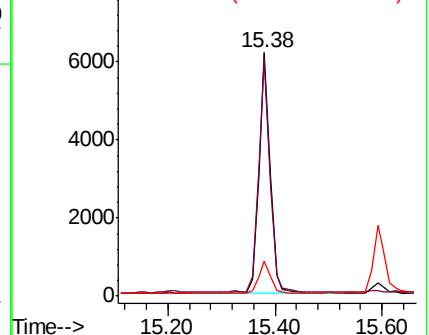
167 13.4 11.0 16.4

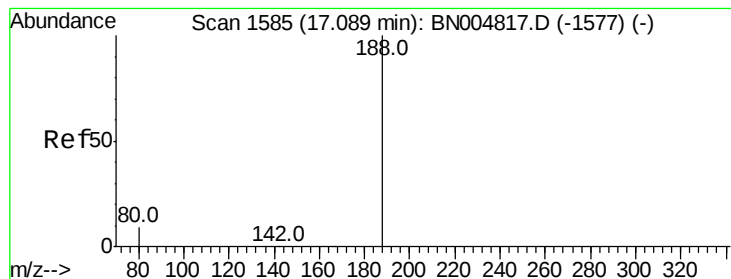


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

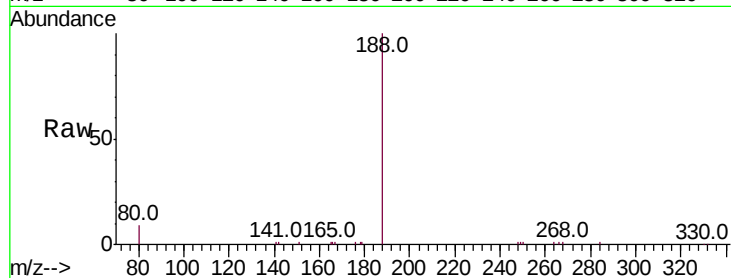
Tot Ion:188 Resp: 13975

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

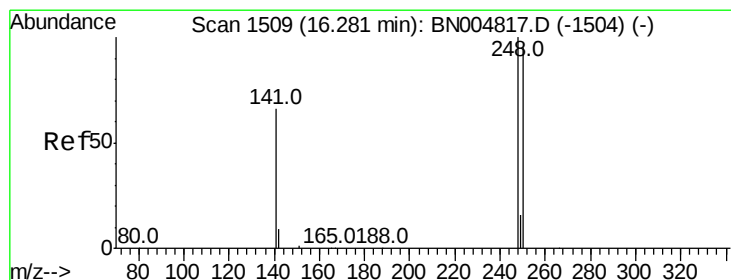
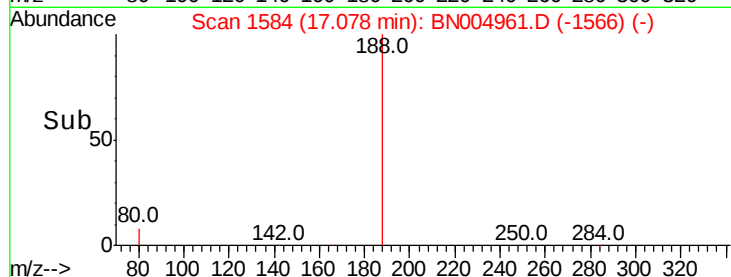
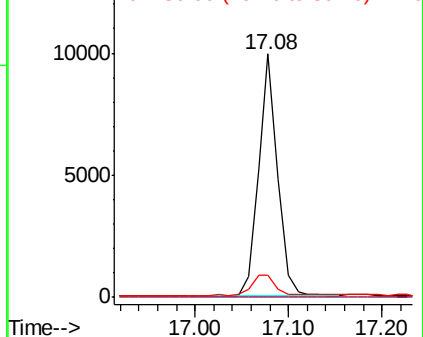
80 9.3 7.4 11.2



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: 0.314 ng

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

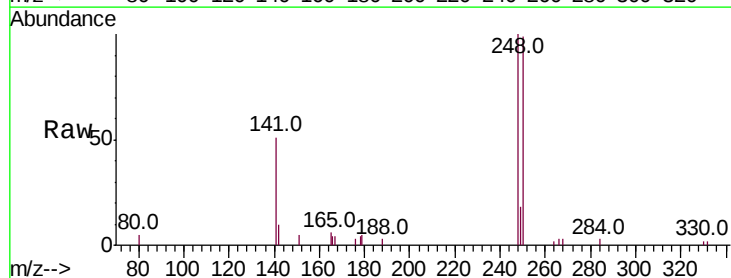
Tgt Ion:248 Resp: 2868

Ion Ratio Lower Upper

248 100

250 99.2 76.2 114.4

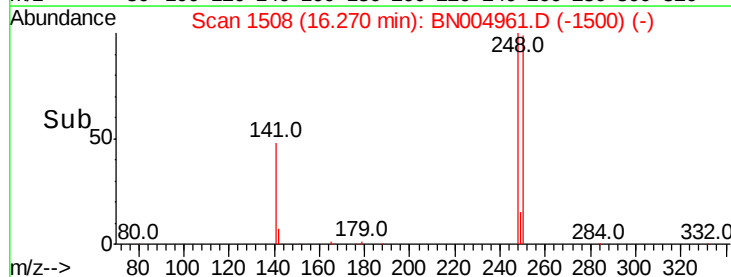
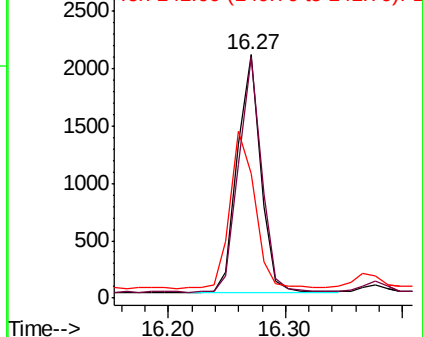
141 51.2 53.9 80.9#

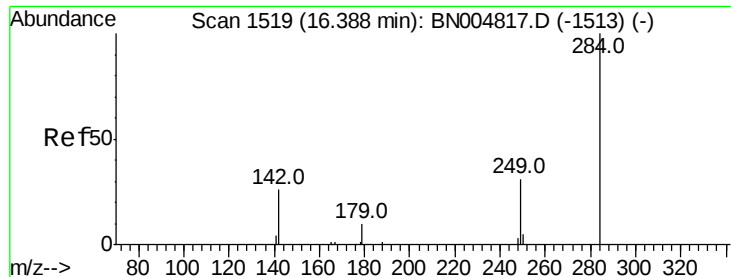


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.282 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

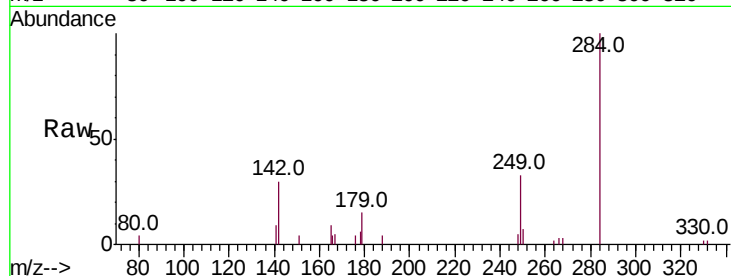
Tot Ion:284 Resp: 2950

Ion Ratio Lower Upper

284 100

142 33.2 22.6 34.0

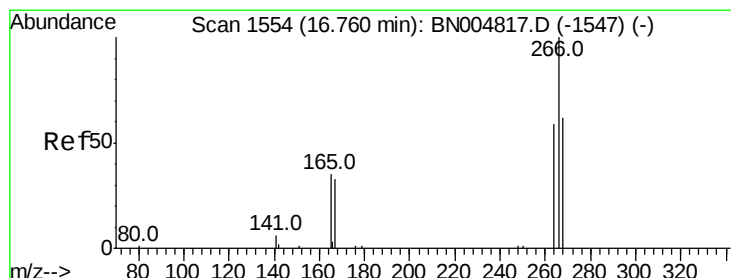
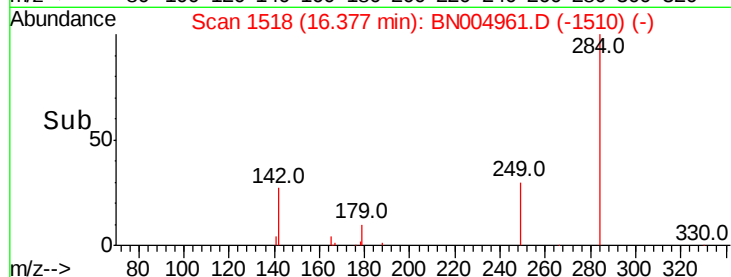
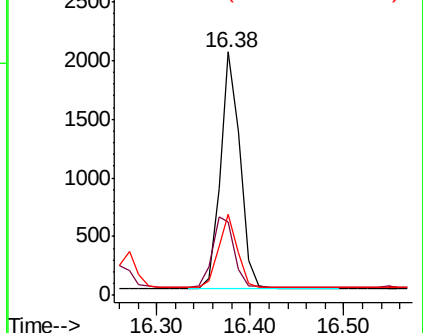
249 30.5 22.5 33.7



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: 0.756 ng

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

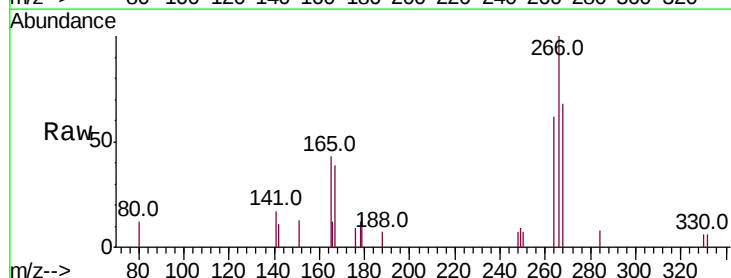
Tgt Ion:266 Resp: 1545

Ion Ratio Lower Upper

266 100

264 62.0 53.1 79.7

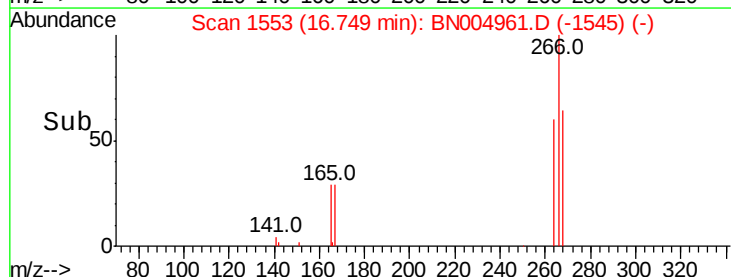
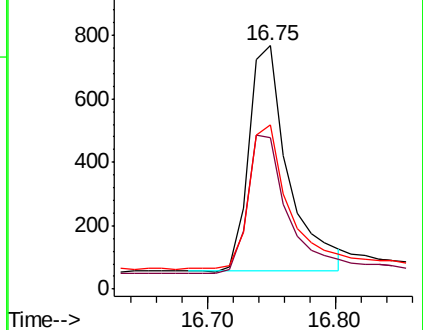
268 67.6 57.7 86.5

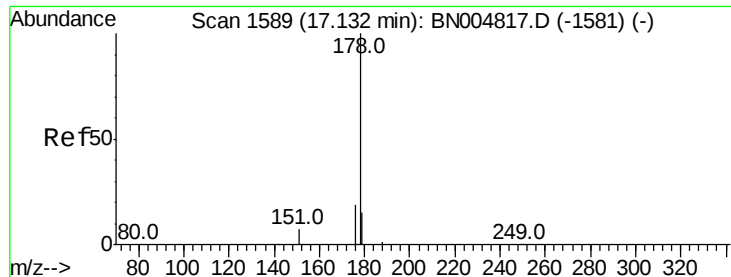


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.405 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

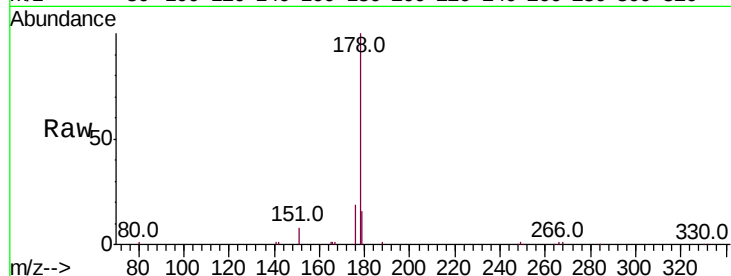
Tot Ion:178 Resp: 18268

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

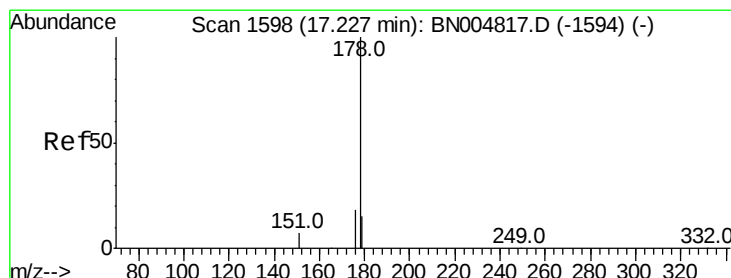
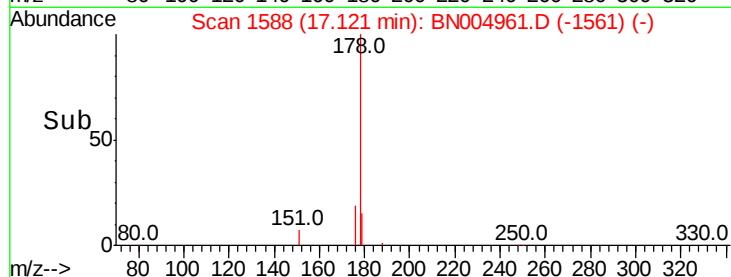
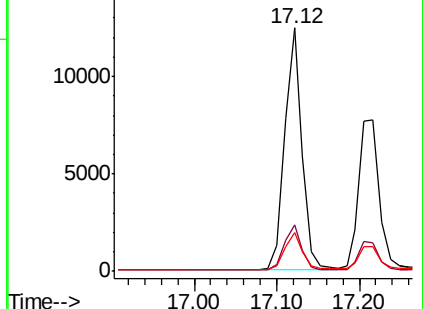
179 15.5 12.1 18.1



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: 0.332 ng

RT: 17.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

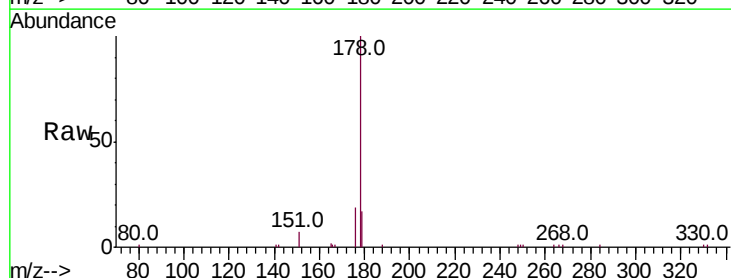
Tgt Ion:178 Resp: 13397

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

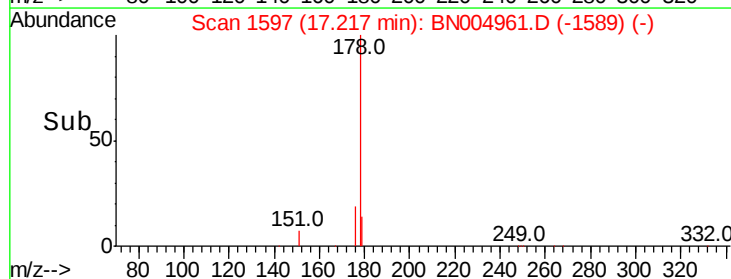
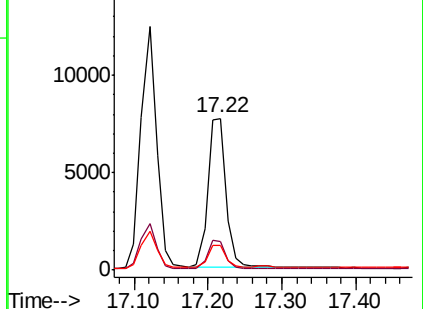
179 14.7 12.2 18.4

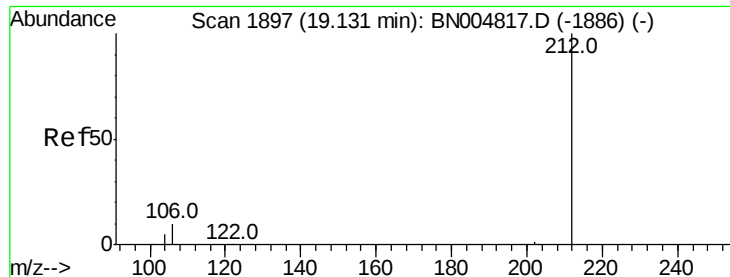


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.281 ng

RT: 19.12 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

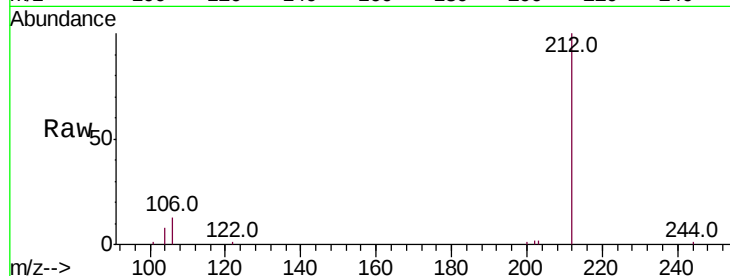
Tot Ion:212 Resp: 13144

Ion Ratio Lower Upper

212 100

106 12.5 8.6 13.0

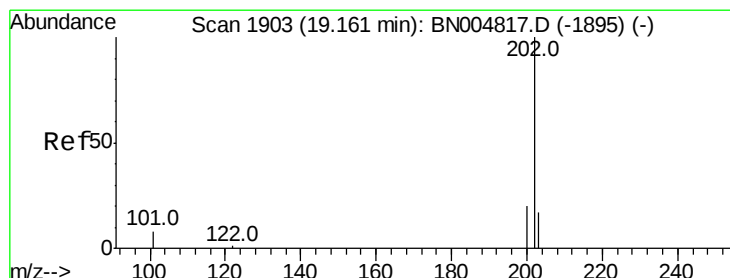
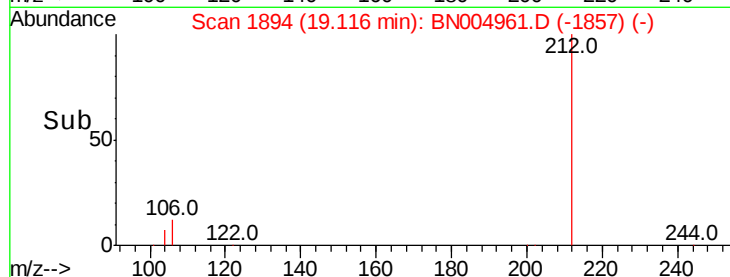
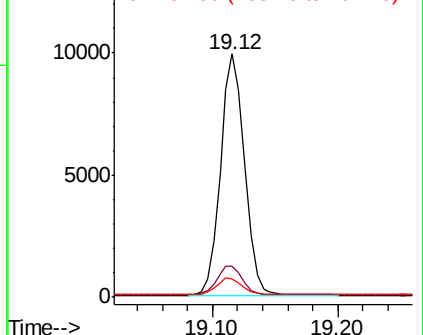
104 7.2 4.7 7.1#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.502 ng

RT: 19.15 min Scan# 1900

Delta R.T. -0.02 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

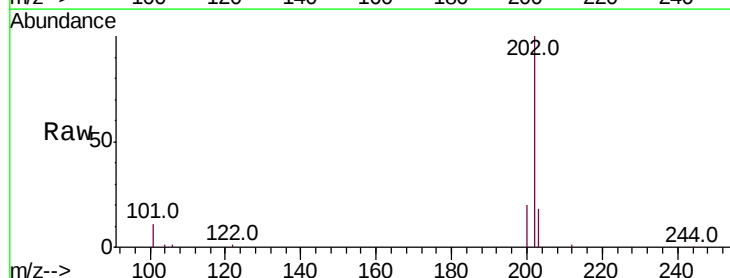
Tgt Ion:202 Resp: 29126

Ion Ratio Lower Upper

202 100

101 10.7 7.5 11.3

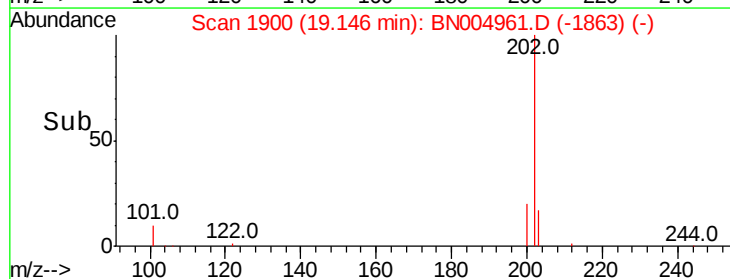
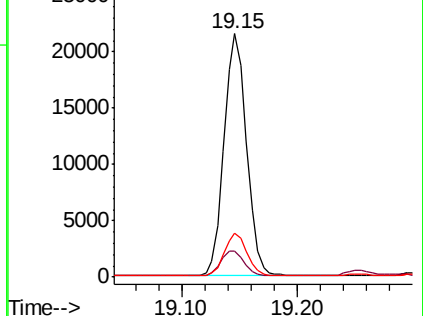
203 17.3 13.8 20.6



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: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

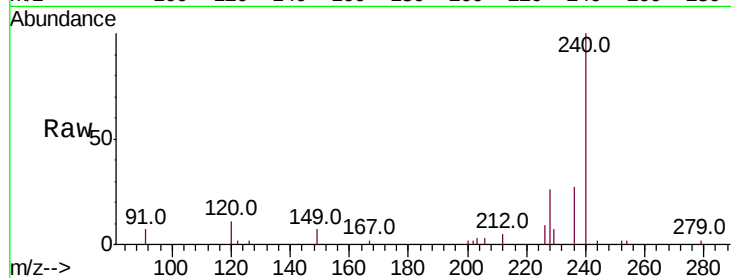
Tot Ion:240 Resp: 16869

Ion Ratio Lower Upper

240 100

120 11.4 7.2 10.8#

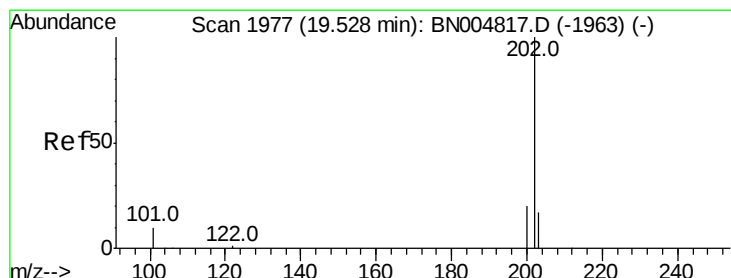
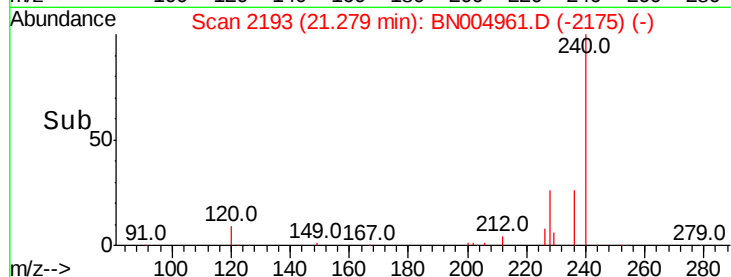
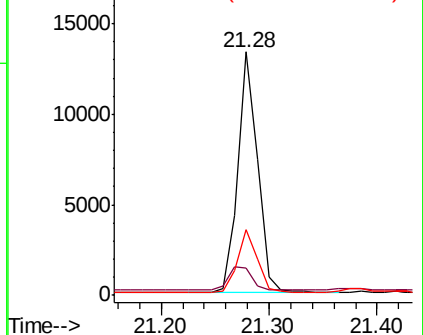
236 27.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.547 ng

RT: 19.51 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

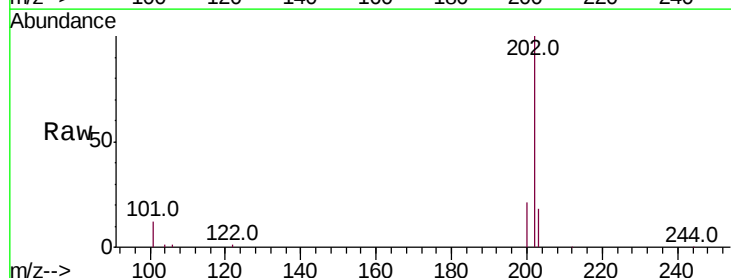
Tgt Ion:202 Resp: 28130

Ion Ratio Lower Upper

202 100

200 20.8 16.3 24.5

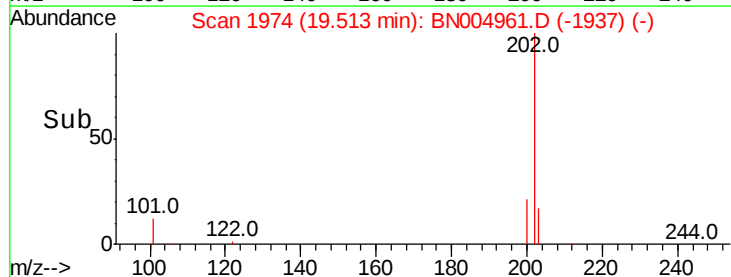
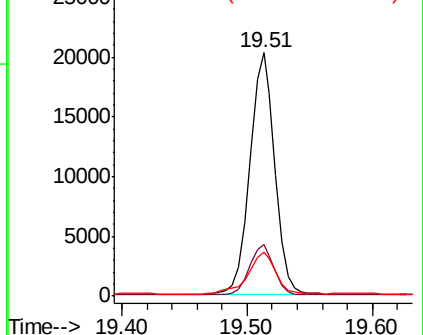
203 19.4 14.0 21.0

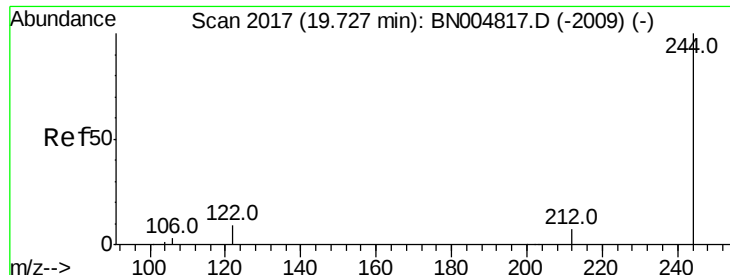


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.251 ng

RT: 19.72 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

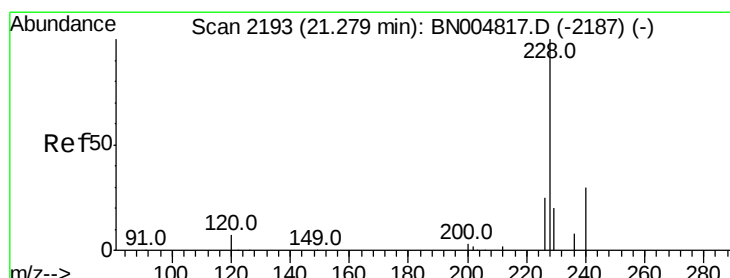
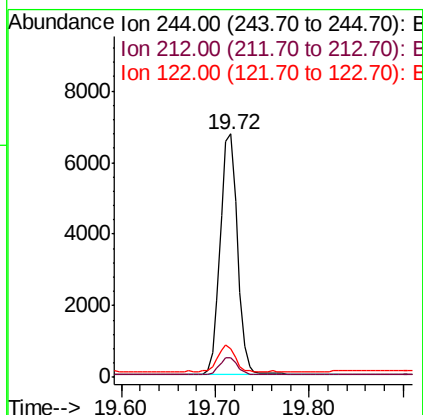
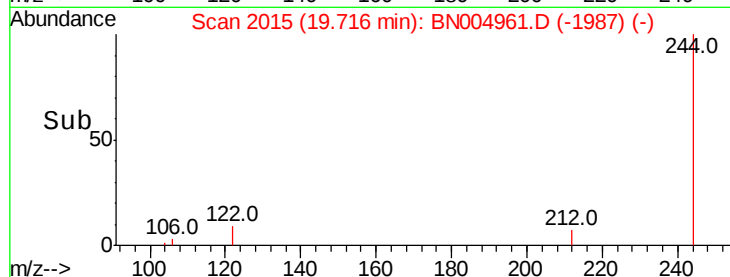
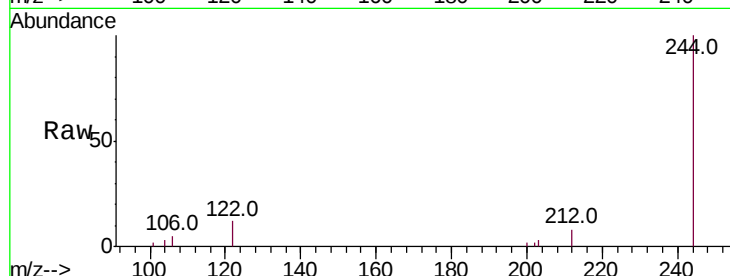
Tot Ion:244 Resp: 8673

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

122 11.9 7.9 11.9#



#30

Benzo(a)anthracene

Concen: 0.418 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

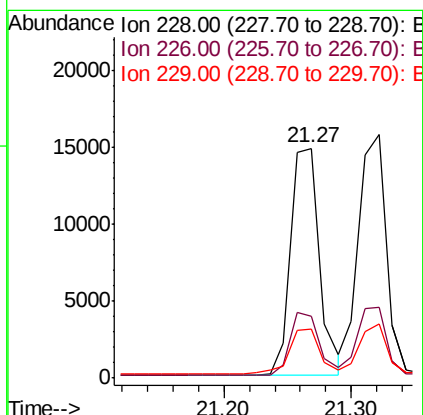
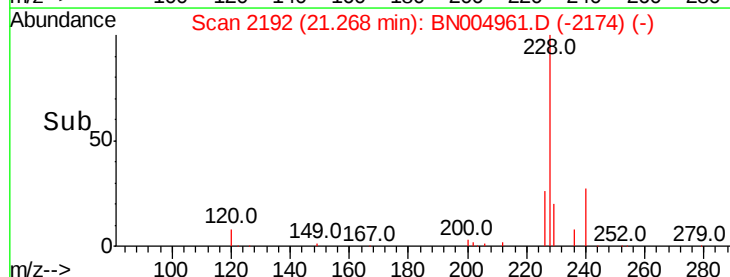
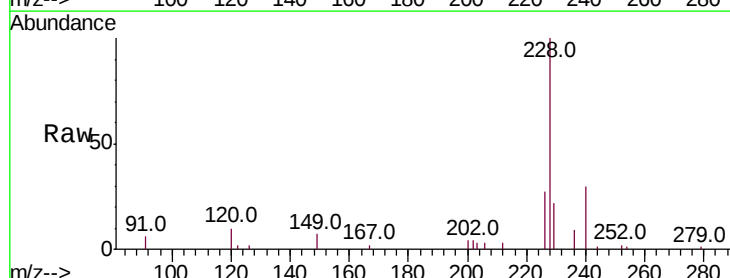
Tgt Ion:228 Resp: 23137

Ion Ratio Lower Upper

228 100

226 27.1 20.6 31.0

229 21.6 16.2 24.4





#31

Chrysene

Concen: 0.407 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

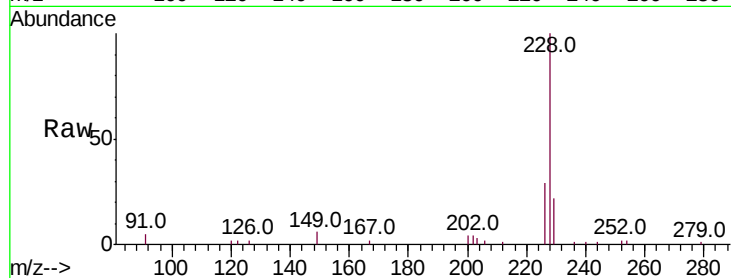
BNA_N

ClientSampleId :

PST-025-SW046-031319MS

Tot Ion:228 Resp: 23693

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	22.0	16.2	24.2

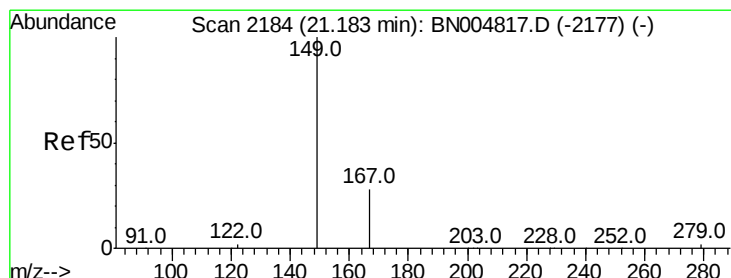
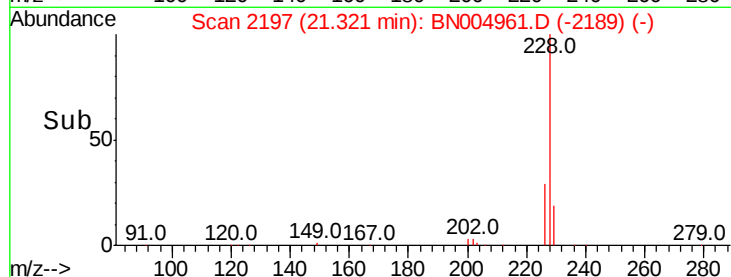
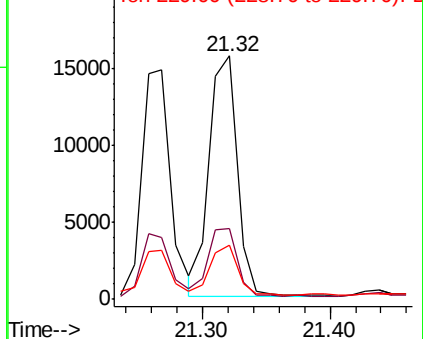


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.788 ng

RT: 21.17 min Scan# 2183

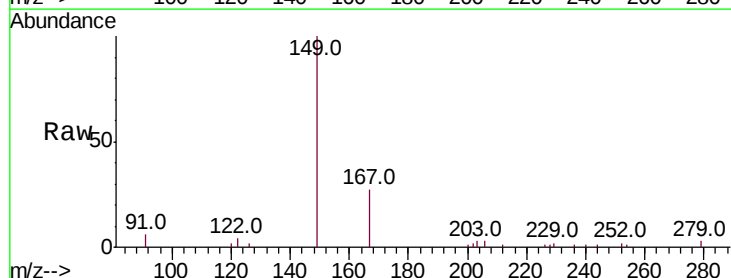
Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Tgt Ion:149 Resp: 17409

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.4
279	5.3	4.6	6.8

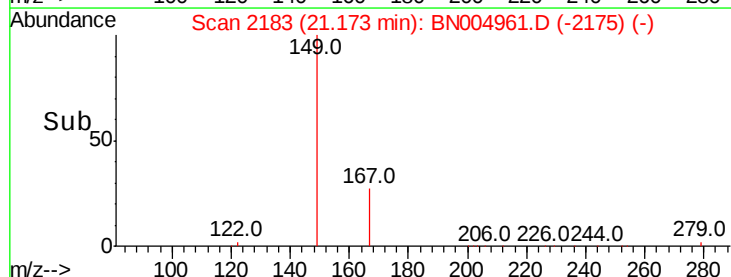
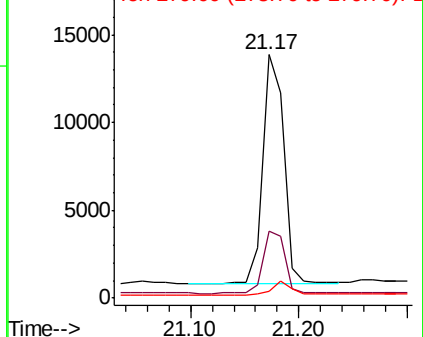


Abundance

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: 0.328 ng

RT: 25.80 min Scan# 3290

Delta R.T. -0.02 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

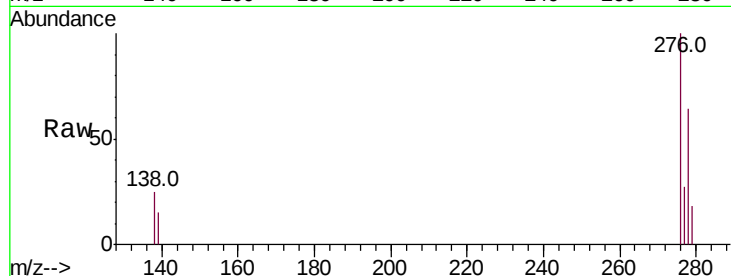
Tot Ion:276 Resp: 27656

Ion Ratio Lower Upper

276 100

138 23.0 16.6 24.8

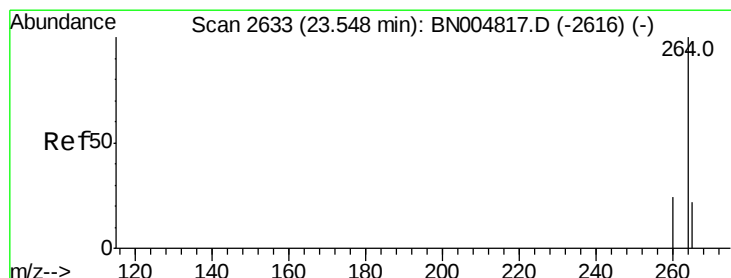
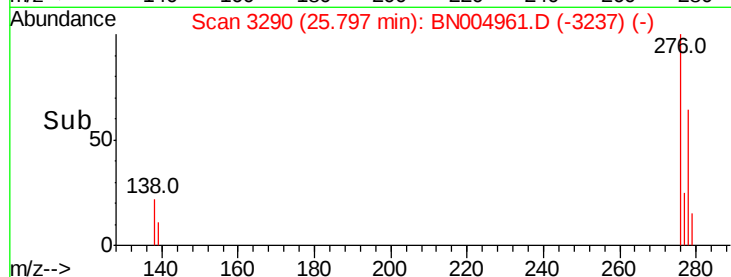
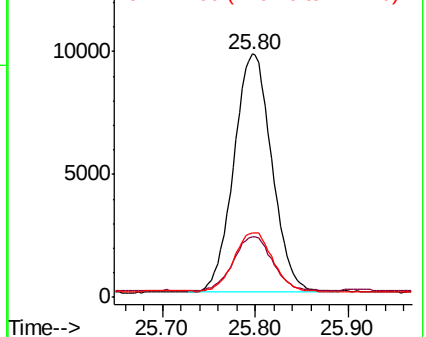
277 25.0 20.3 30.5



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# 2628

Delta R.T. -0.02 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

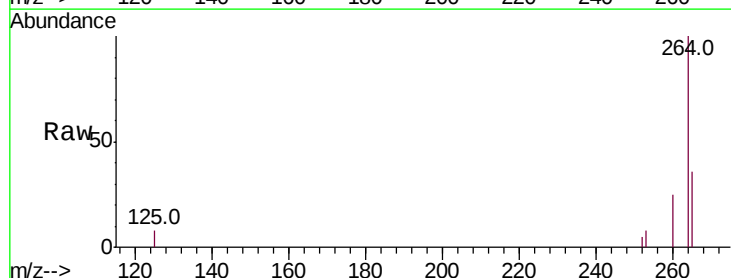
Tgt Ion:264 Resp: 18294

Ion Ratio Lower Upper

264 100

260 25.2 19.5 29.3

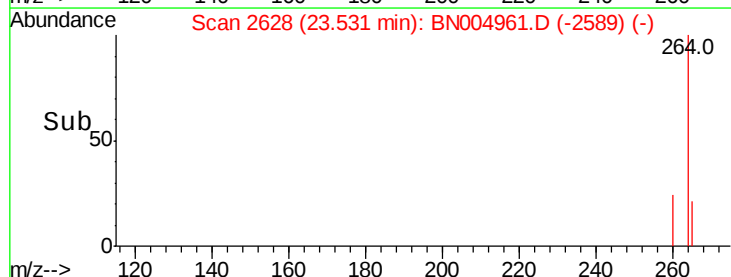
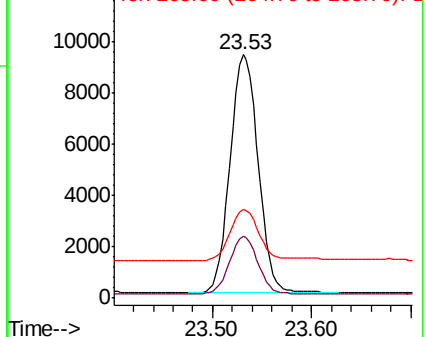
265 36.2 23.1 34.7#

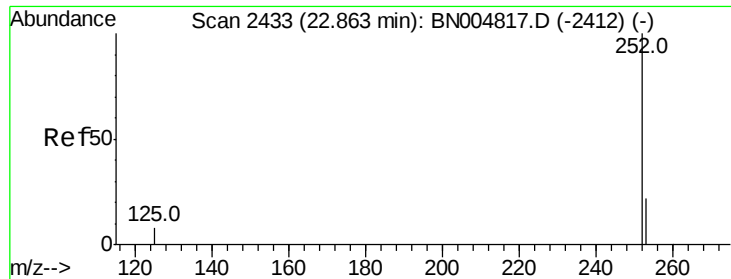


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.435 ng

RT: 22.85 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

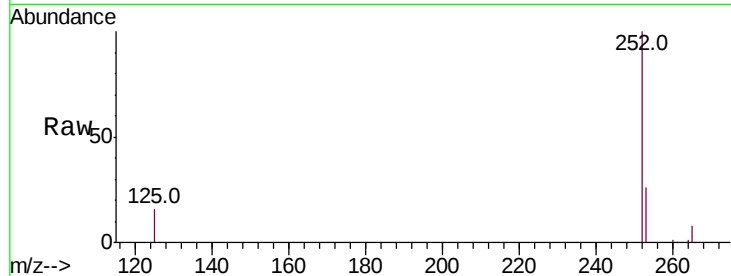
Tot Ion:252 Resp: 28792

Ion Ratio Lower Upper

252 100

253 25.6 19.0 28.4

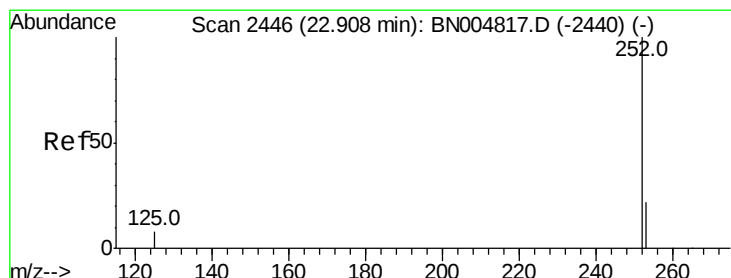
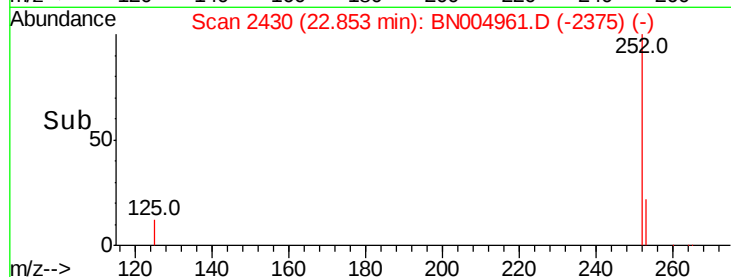
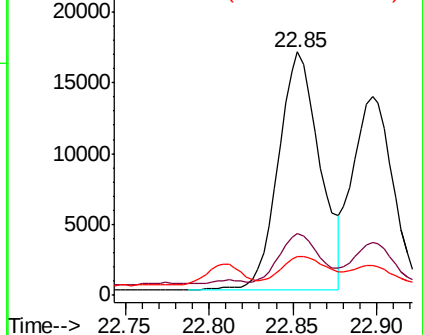
125 15.7 7.4 11.2#



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: 0.350 ng

RT: 22.90 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

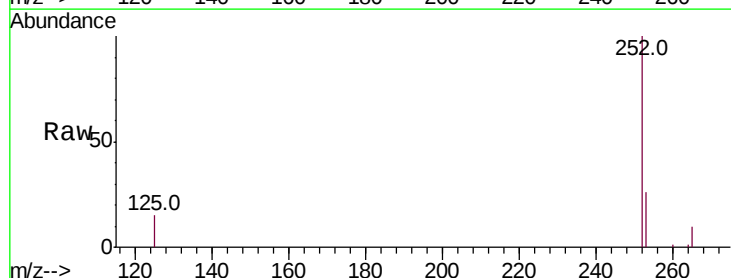
Tgt Ion:252 Resp: 22807

Ion Ratio Lower Upper

252 100

253 26.3 19.3 28.9

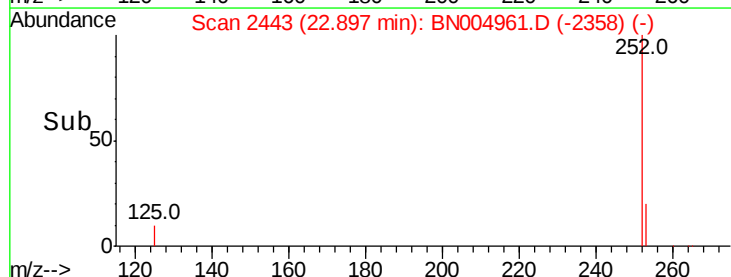
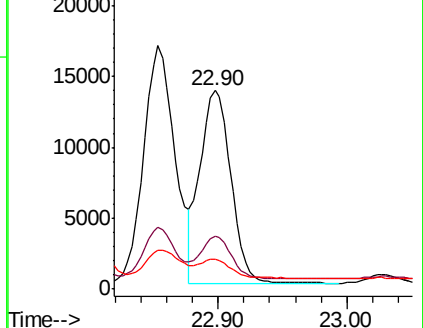
125 15.3 7.4 11.0#

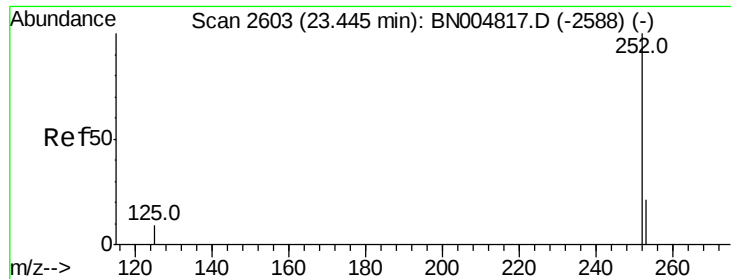


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.43 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

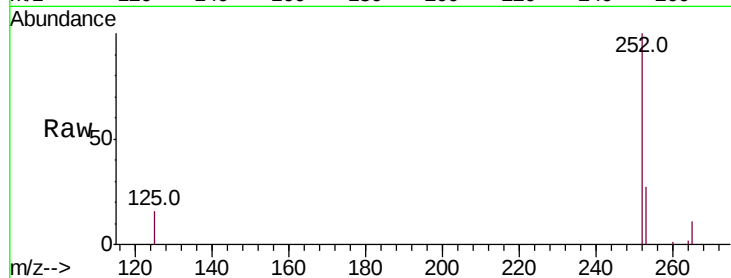
Tot Ion:252 Resp: 23827

Ion Ratio Lower Upper

252 100

253 27.0 19.7 29.5

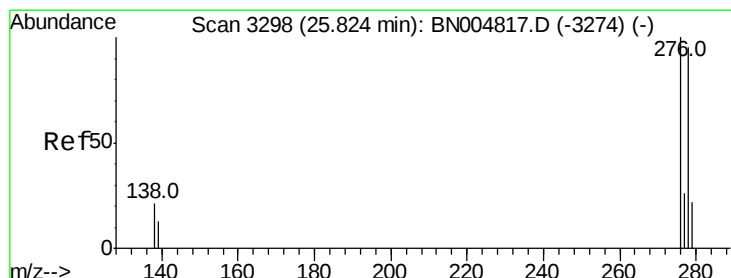
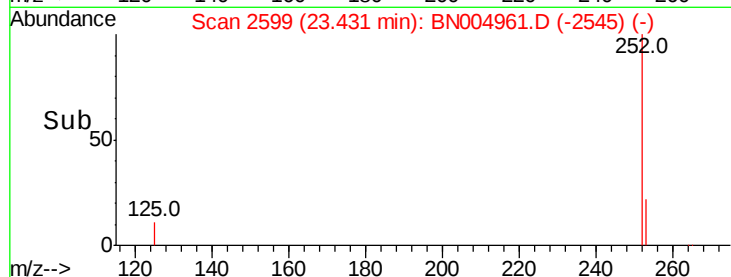
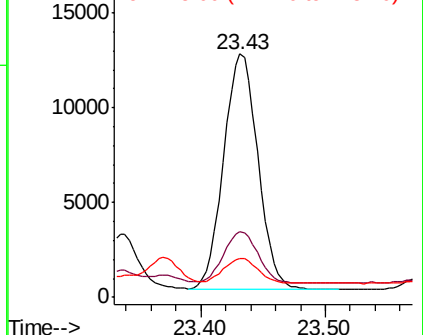
125 15.8 8.3 12.5#



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: 0.284 ng

RT: 25.81 min Scan# 3293

Delta R.T. -0.02 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

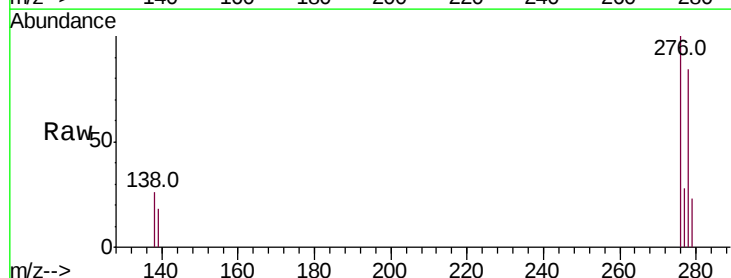
Tgt Ion:278 Resp: 19945

Ion Ratio Lower Upper

278 100

139 21.0 11.7 17.5#

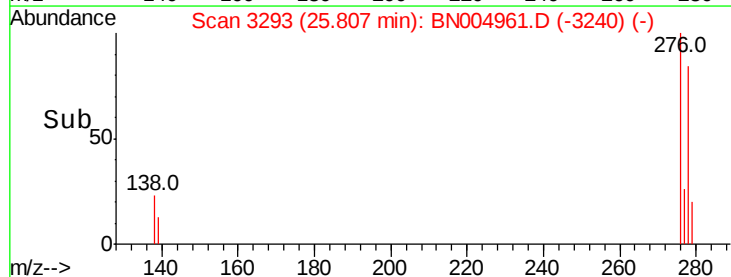
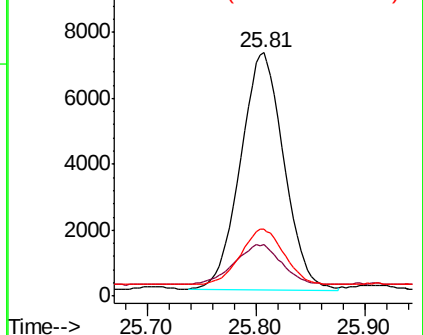
279 27.4 19.9 29.9

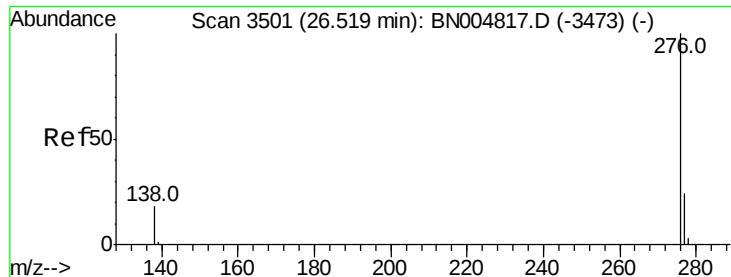


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.342 ng

RT: 26.50 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BN004961.D

Acq: 25 Mar 2019 15:21

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MS

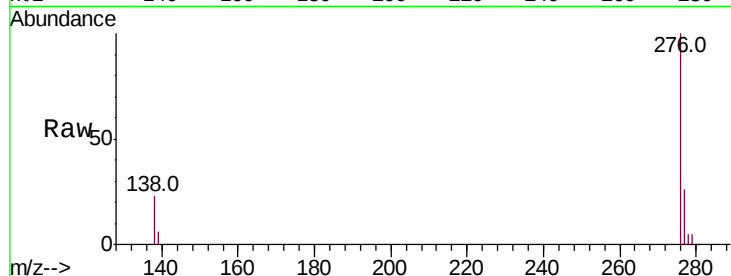
Tot Ion:276 Resp: 24483

Ion Ratio Lower Upper

276 100

277 26.0 19.7 29.5

138 22.7 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

