

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032519\
 Data File : BN004957.D
 Acq On : 25 Mar 2019 13:00
 Operator : JU/SJ
 Sample : K1817-10DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-027-SW069-030719DL

Quant Time: Mar 26 01:38:22 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	3870	0.40	ng	-0.02
7) Naphthalene-d8	10.47	136	14953	0.40	ng	-0.03
13) Acenaphthene-d10	14.32	164	7510	0.40	ng	-0.02
19) Phenanthrene-d10	17.08	188	16140	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	18996	0.40	ng	-0.01
34) Perylene-d12	23.53	264	20300	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	2241	0.21	ng	0.00
5) Phenol-d6	6.86	99	2716	0.21	ng	-0.02
8) Nitrobenzene-d5	8.84	82	2098	0.21	ng	-0.03
11) 2-Methylnaphthalene-d10	12.07	152	4304	0.16	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	877	0.17	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	6020	0.19	ng	-0.02
25) Fluoranthene-d10	19.12	212	8023	0.15	ng	-0.02
29) Terphenyl-d14	19.71	244	5859	0.15	ng	-0.02

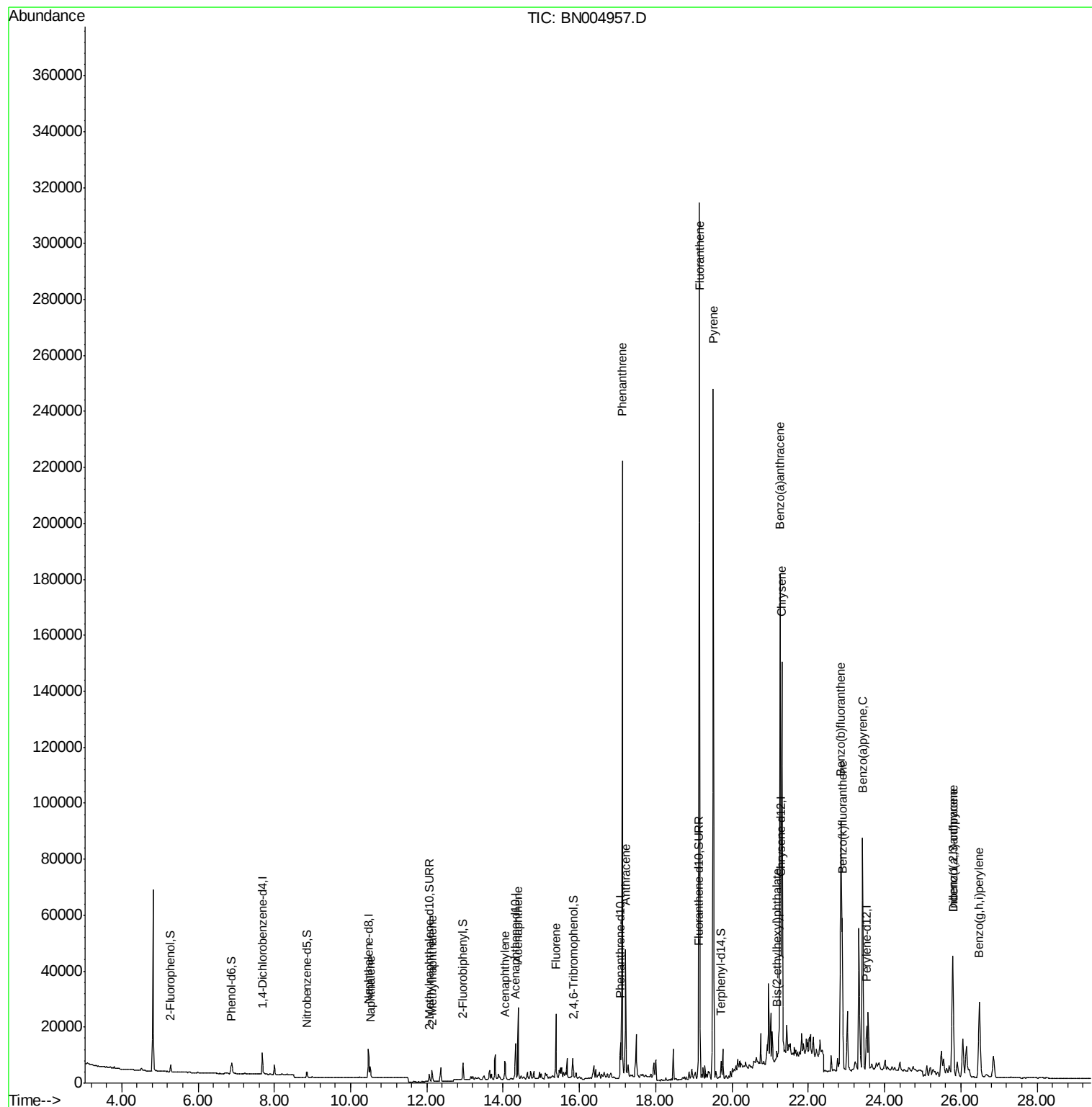
Target Compounds				Qvalue		
9) Naphthalene	10.52	128	4850	0.116	ng	97
12) 2-Methylnaphthalene	12.14	142	3213	0.103	ng	98
16) Acenaphthylene	14.04	152	7164	0.185	ng	97
17) Acenaphthene	14.39	154	12188	0.481	ng	99
18) Fluorene	15.38	166	14657	0.414	ng	96
23) Phenanthrene	17.12	178	221086	4.242	ng	99
24) Anthracene	17.21	178	49378	1.061	ng	# 91
26) Fluoranthene	19.15	202	277946	4.150	ng	98
28) Pyrene	19.51	202	231171	3.991	ng	# 93
30) Benzo(a)anthracene	21.26	228	160952	2.584	ng	97
31) Chrysene	21.31	228	121464	1.851	ng	96
32) Bis(2-ethylhexyl)phthalate	21.17	149	1897	0.076	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.79	276	64425	0.679	ng	100
35) Benzo(b)fluoranthene	22.85	252	149903	2.041	ng	# 97
36) Benzo(k)fluoranthene	22.89	252	57714m	0.799	ng	
37) Benzo(a)pyrene	23.43	252	113161	1.680	ng	98
38) Dibenzo(a,h)anthracene	25.79	278	21352	0.274	ng	# 81
39) Benzo(a,h,i)perylene	26.49	276	55020	0.692	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: 7.68 min Scan# 578

Delta R.T. -0.02 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

Instrument :

BNA_N

ClientSampleId :

PST-027-SW069-030719DL

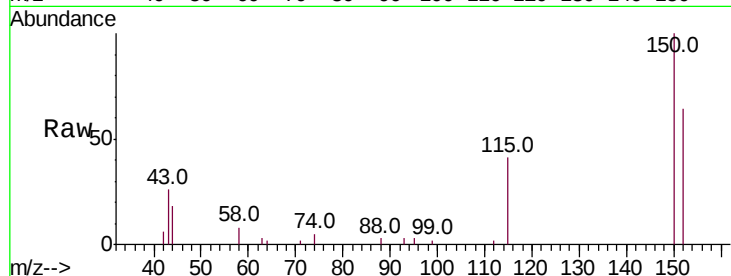
Tot Ion:152 Resp: 3870

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.4

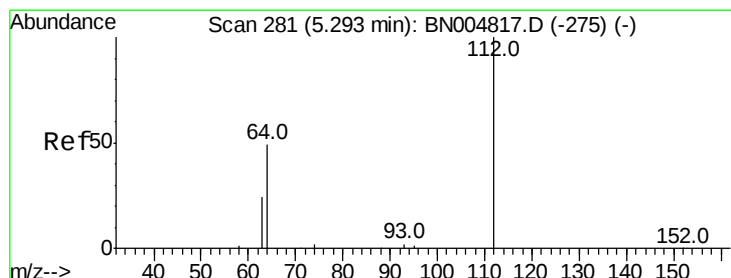
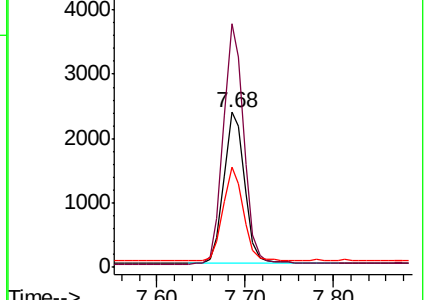
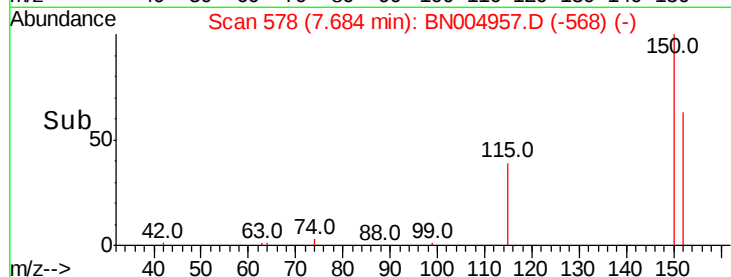
115 64.7 52.6 79.0



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



#4

2-Fluorophenol

Concen: 0.213 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

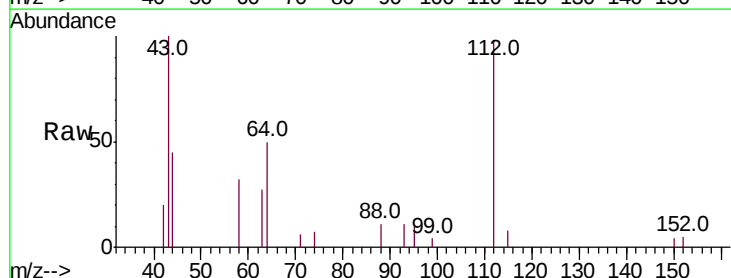
Tgt Ion:112 Resp: 2241

Ion Ratio Lower Upper

112 100

64 53.6 40.0 60.0

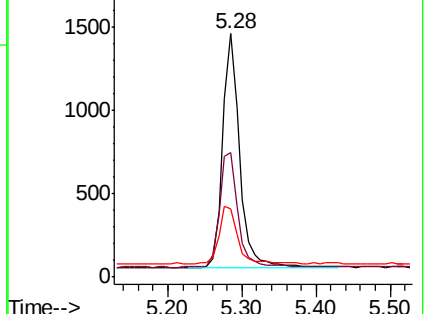
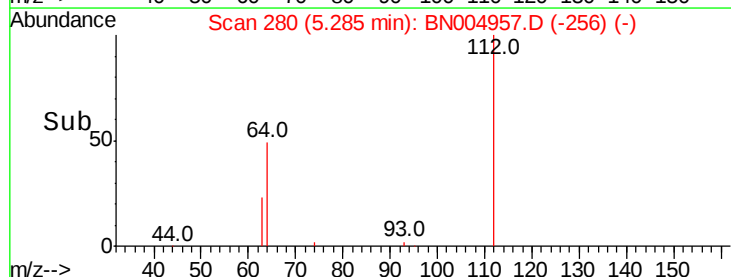
63 26.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.207 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

Instrument :

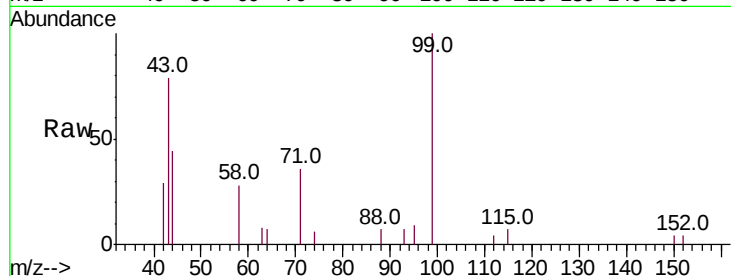
BNA_N

ClientSampleId :

PST-027-SW069-030719DL

Tot Ion: 99 Resp: 2716

Ion	Ratio	Lower	Upper
99	100		
42	23.1	12.7	19.1#
71	30.6	26.6	40.0

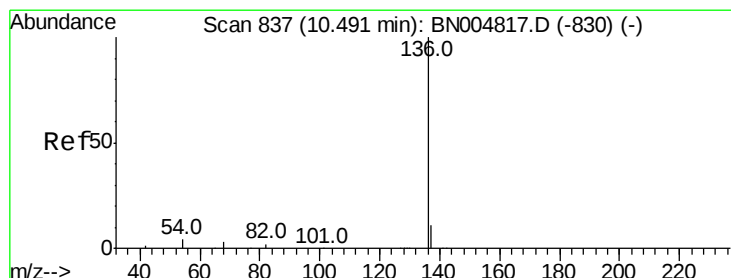
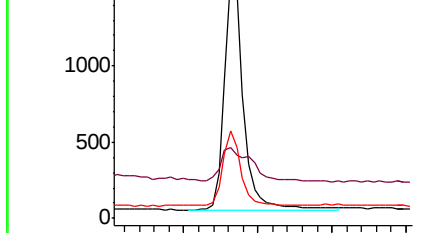
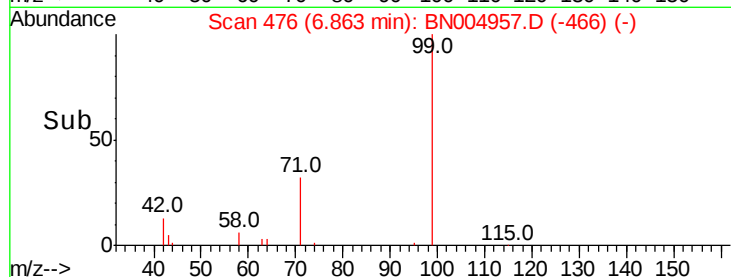


Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

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

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

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

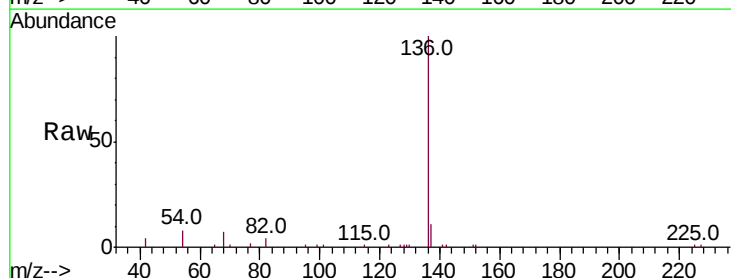
Delta R.T. -0.03 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

Tgt Ion: 136 Resp: 14953

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	7.7	4.2	6.2#
68	6.7	3.9	5.9#



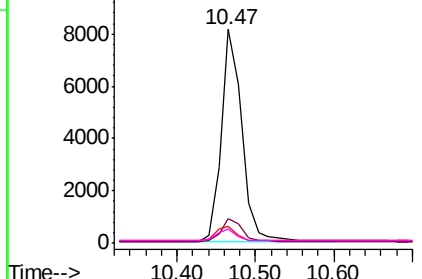
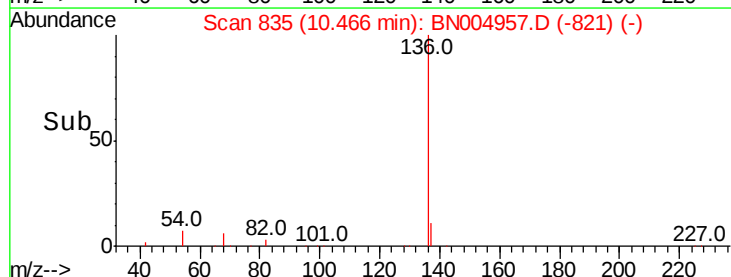
Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

Ion 137.00 (136.70 to 137.70): BN004817.D (-830) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-830) (-)

Ion 68.00 (67.70 to 68.70): BN004817.D (-830) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.212 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

Instrument :

BNA_N

ClientSampleId :

PST-027-SW069-030719DL

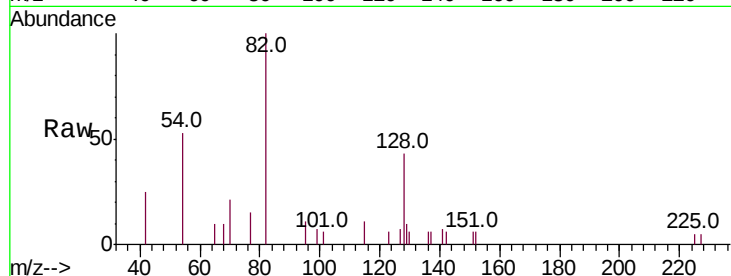
Tot Ion: 82 Resp: 2098

Ion Ratio Lower Upper

82 100

128 43.3 43.0 64.6

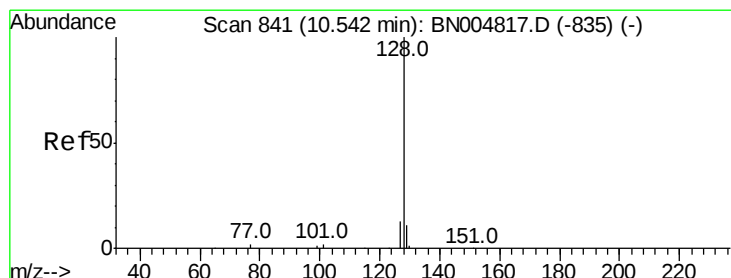
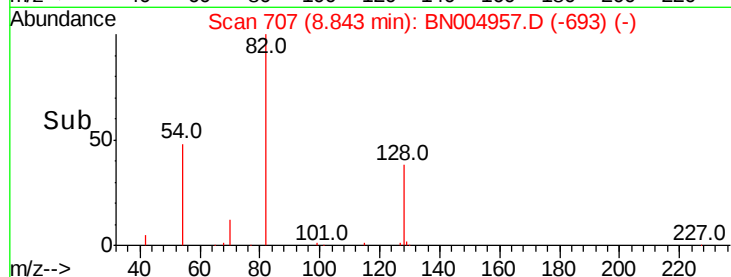
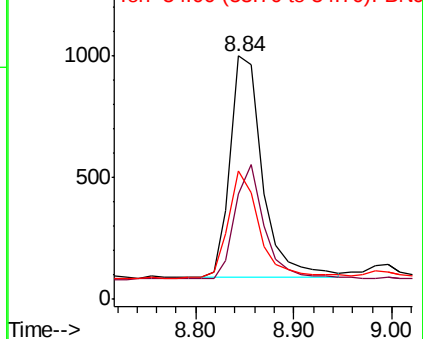
54 52.9 35.3 52.9



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#9

Naphthalene

Concen: 0.116 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

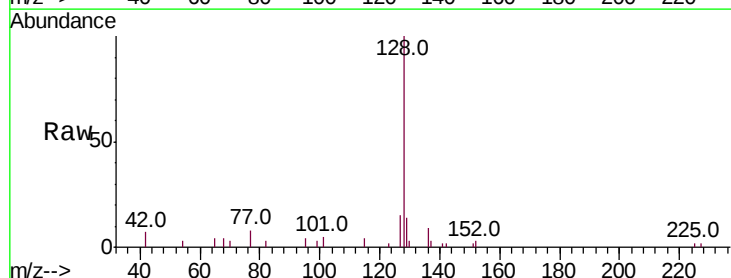
Tgt Ion: 128 Resp: 4850

Ion Ratio Lower Upper

128 100

129 13.5 9.9 14.9

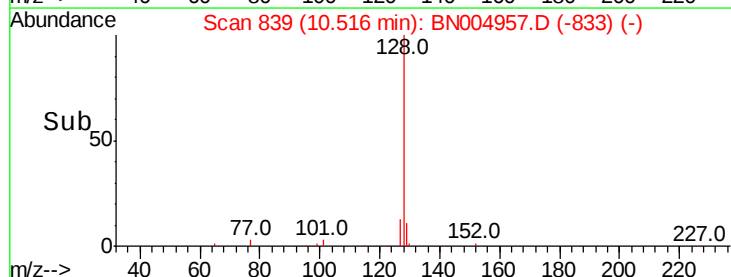
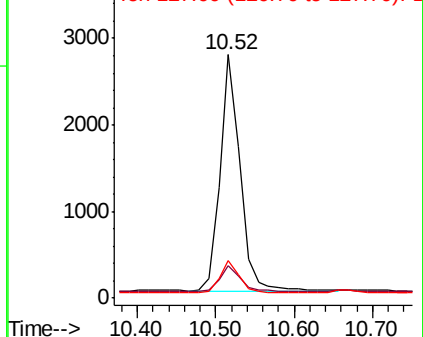
127 15.2 11.3 16.9

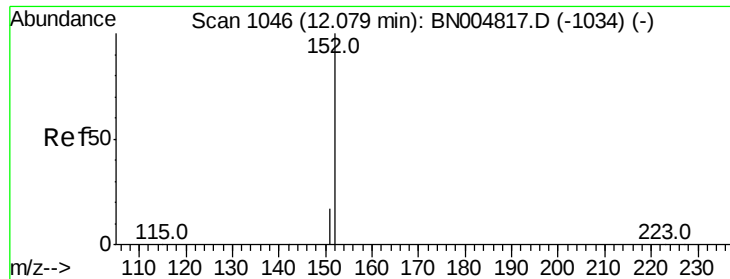


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

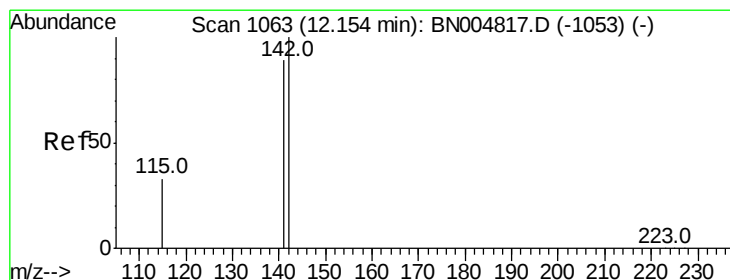
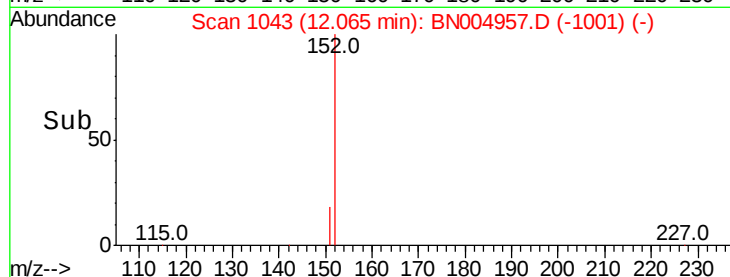
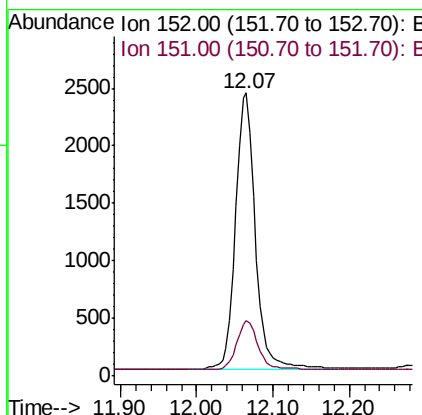
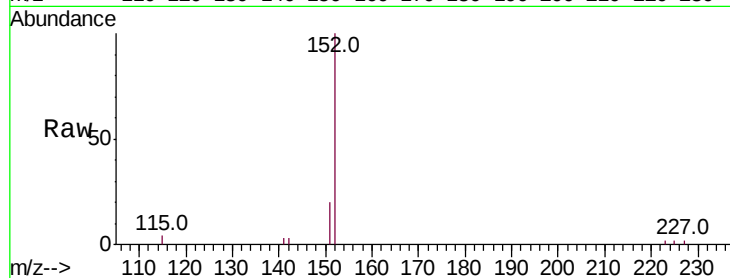




#11
 2-Methylnaphthalene-d10
 Concen: 0.165 ng
 RT: 12.07 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BN004957.D
 Acq: 25 Mar 2019 13:00

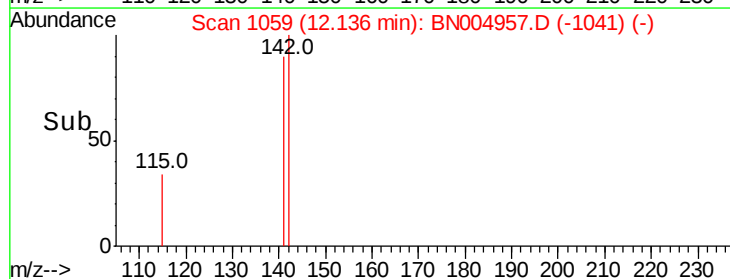
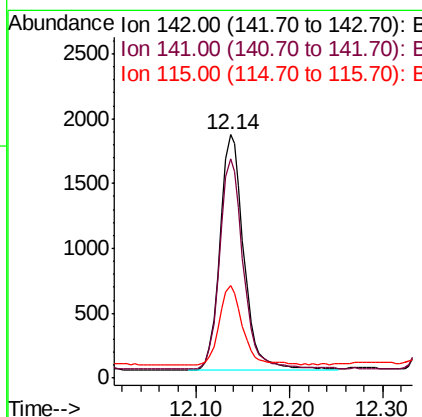
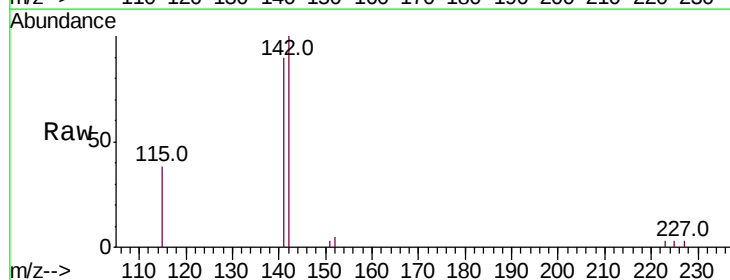
Instrument :
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 PST-027-SW069-030719DL

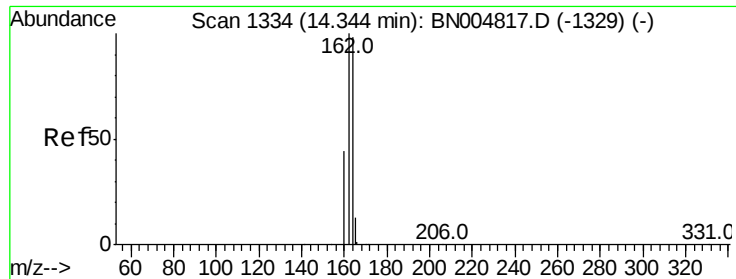
Tot Ion:152 Resp: 4304
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.103 ng
 RT: 12.14 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BN004957.D
 Acq: 25 Mar 2019 13:00

Tgt Ion:142 Resp: 3213
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.4 107.2
 115 37.8 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: BN004957.D

Acq: 25 Mar 2019 13:00

Instrument :

BNA_N

ClientSampleId :

PST-027-SW069-030719DL

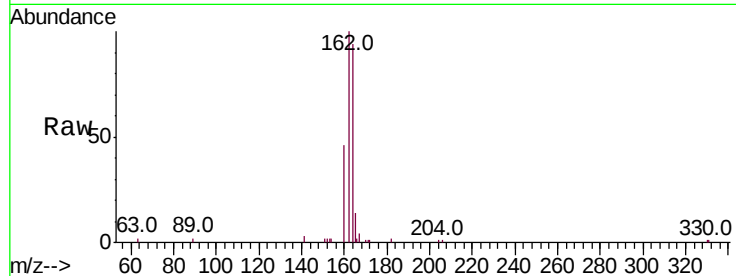
Tot Ion:164 Resp: 7510

Ion Ratio Lower Upper

164 100

162 106.4 81.9 122.9

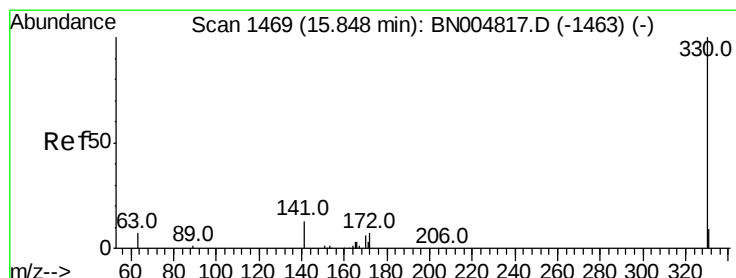
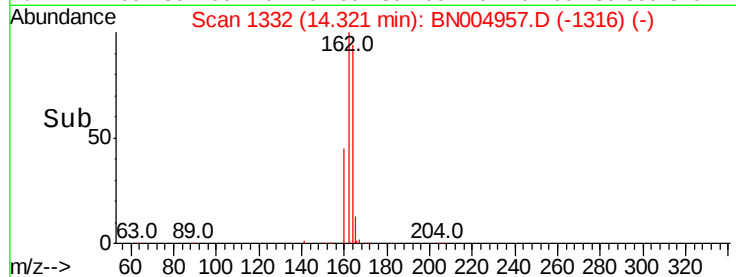
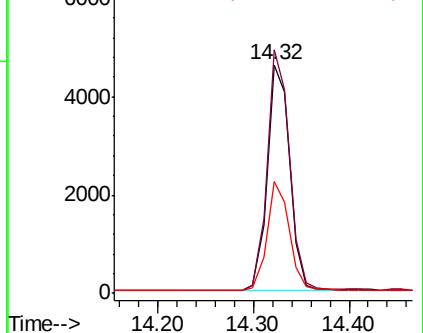
160 48.7 36.6 54.8



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: 0.169 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

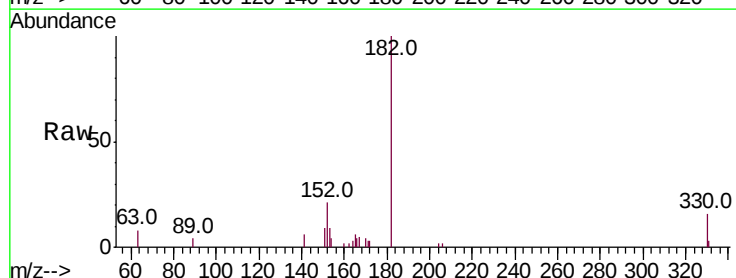
Tgt Ion:330 Resp: 877

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

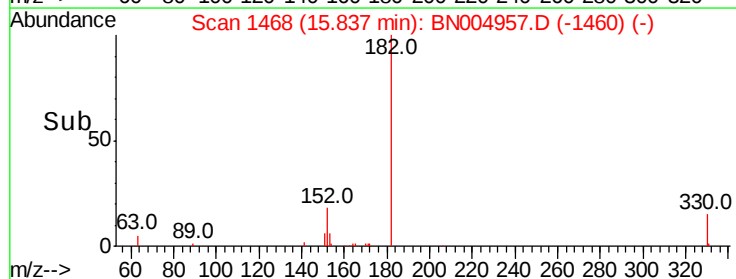
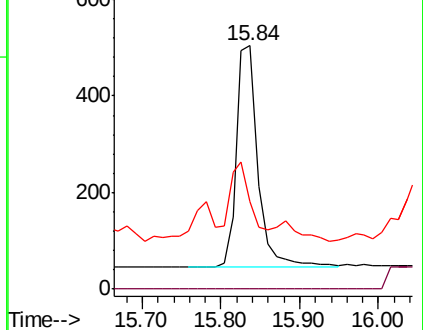
141 31.5 20.9 31.3#

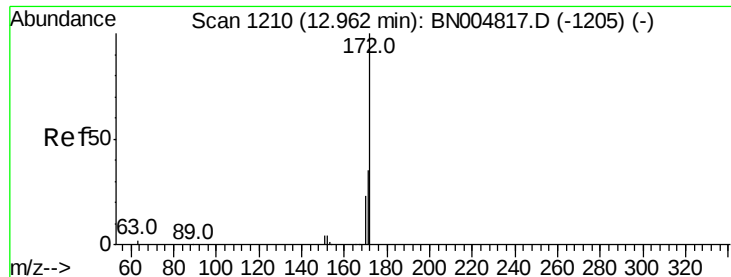


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.194 ng

RT: 12.94 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

Instrument :

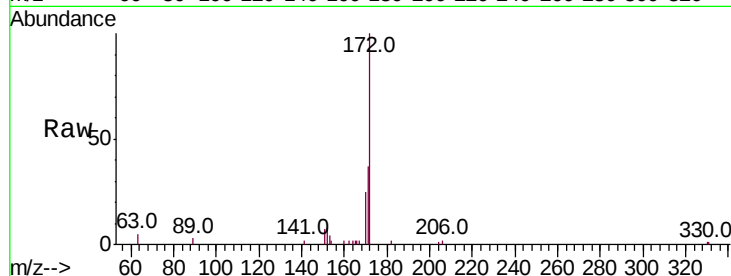
BNA_N

ClientSampleId :

PST-027-SW069-030719DL

Tot Ion:172 Resp: 6020

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	24.7	18.7	28.1

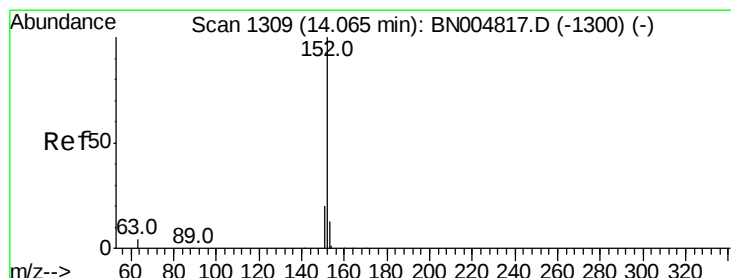
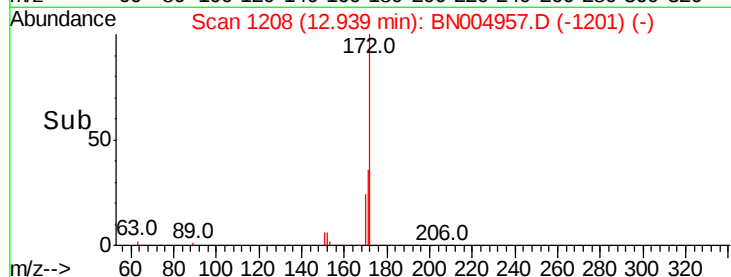
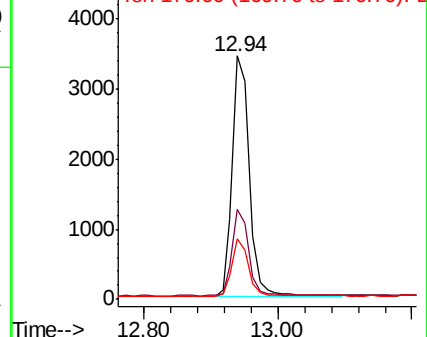


Abundance

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: 0.185 ng

RT: 14.04 min Scan# 1307

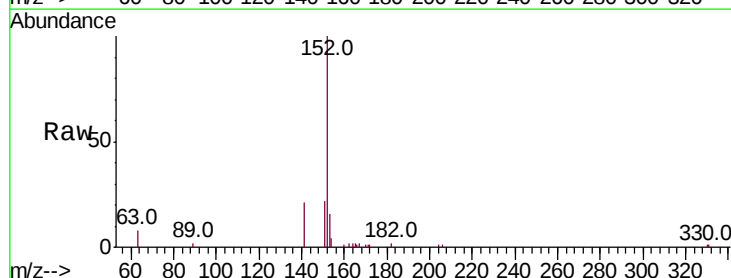
Delta R.T. -0.02 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

Tgt Ion:152 Resp: 7164

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.1	24.1
153	15.3	10.5	15.7

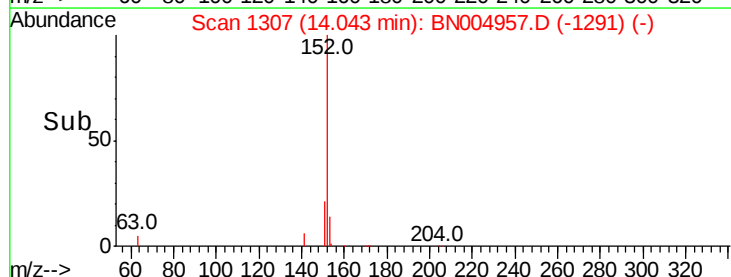
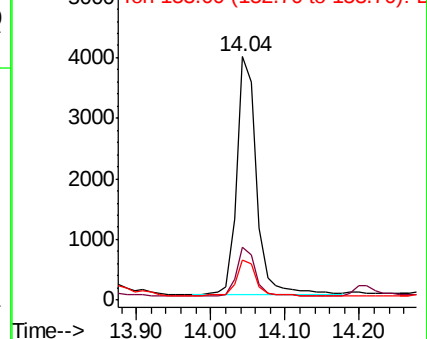


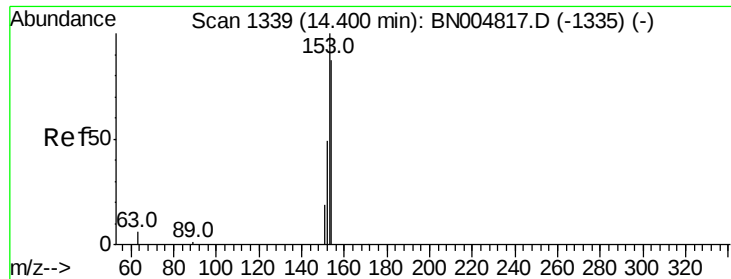
Abundance

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: 0.481 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

Instrument :

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PST-027-SW069-030719DL

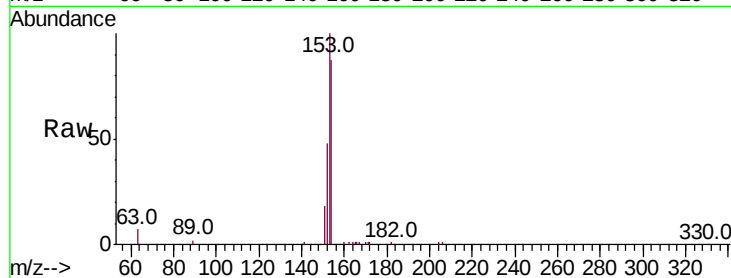
Tot Ion:154 Resp: 12188

Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.2

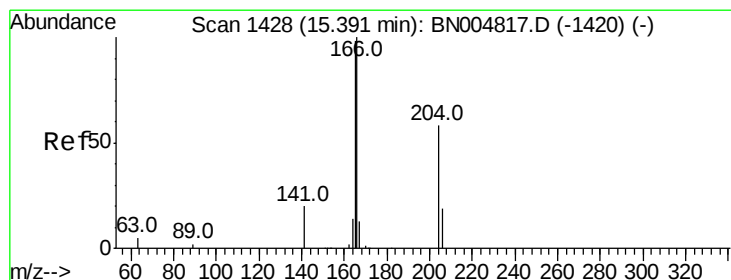
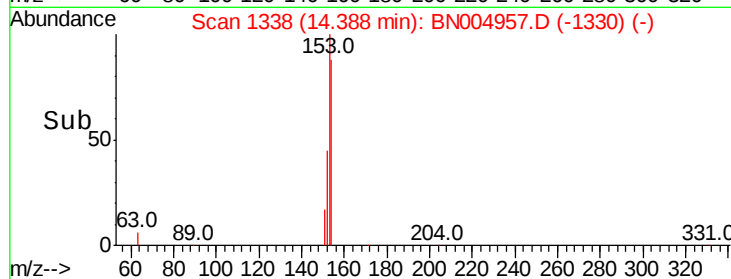
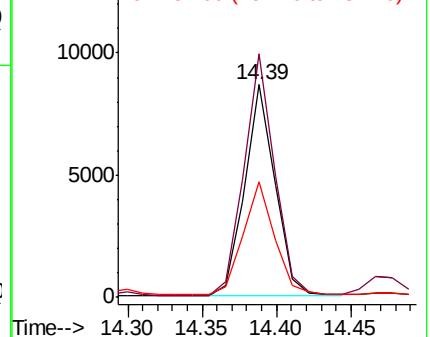
152 55.5 44.2 66.2



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: 0.414 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

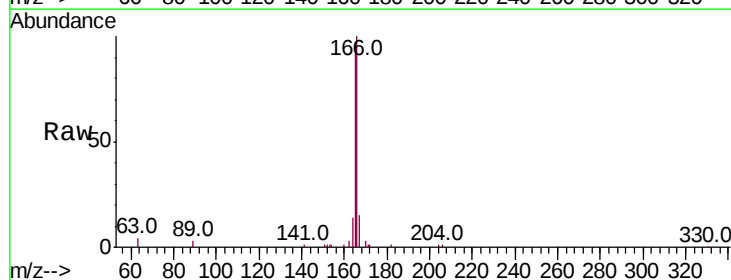
Tgt Ion:166 Resp: 14657

Ion Ratio Lower Upper

166 100

165 94.7 78.2 117.4

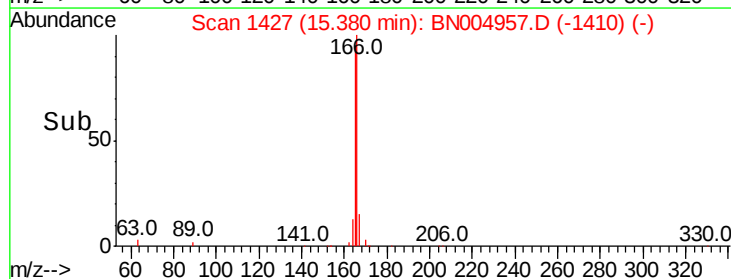
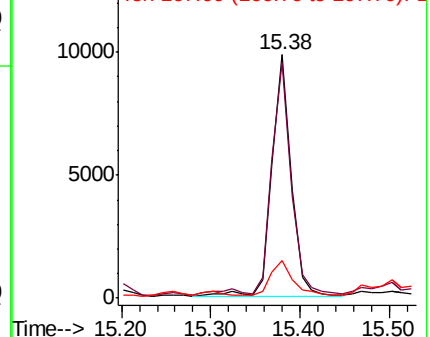
167 16.4 11.0 16.4

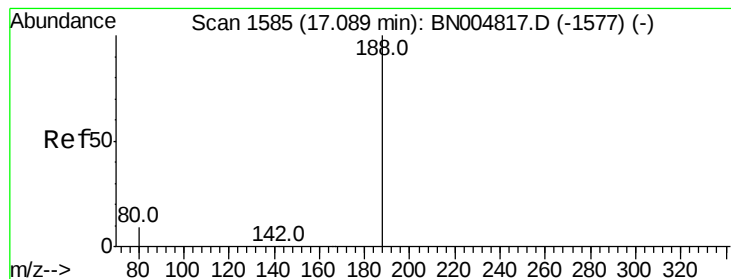


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004957.D

Acq: 25 Mar 2019 13:00

Instrument :

BNA_N

ClientSampleId :

PST-027-SW069-030719DL

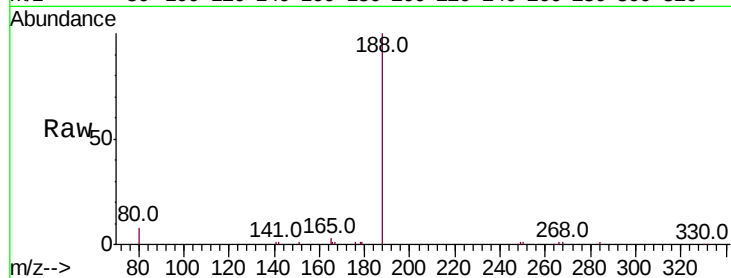
Tot Ion:188 Resp: 16140

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

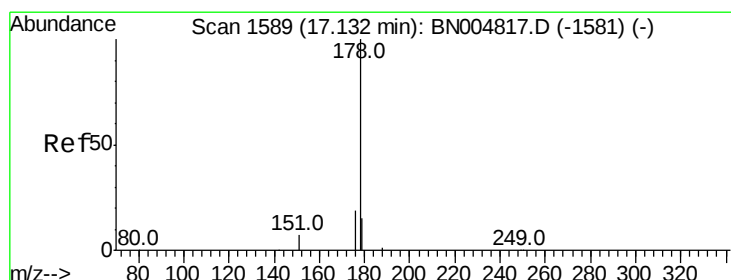
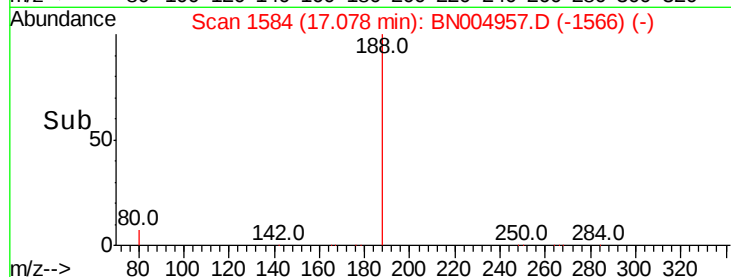
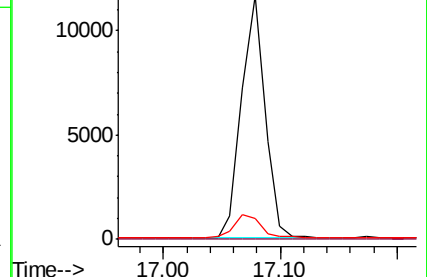
80 8.4 7.4 11.2



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



#23

Phenanthrene

Concen: 4.242 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

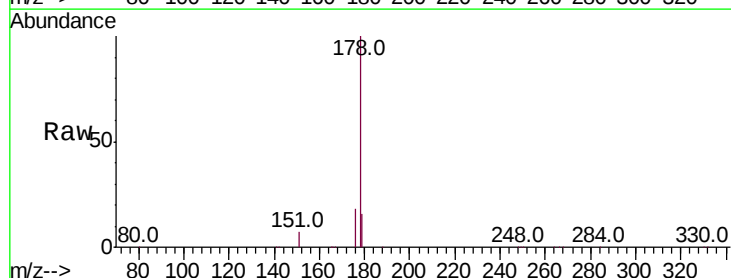
Tgt Ion:178 Resp: 221086

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

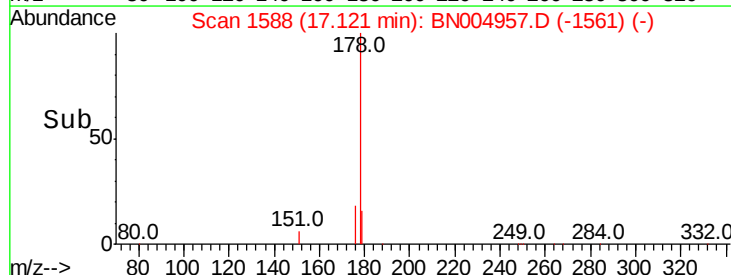
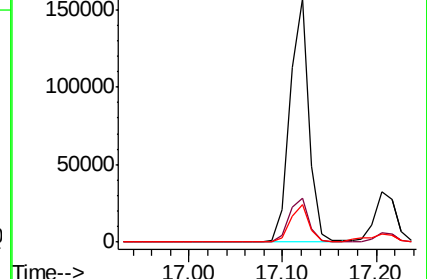
179 15.5 12.1 18.1

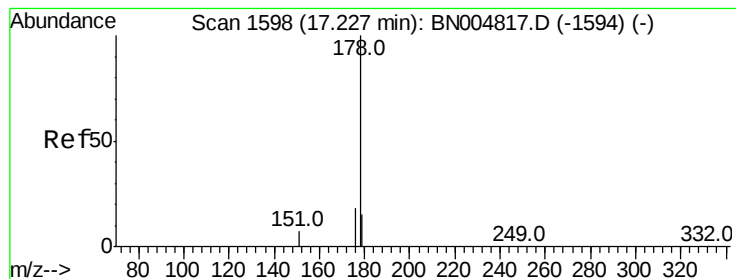


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 1.061 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

Instrument :

BNA_N

ClientSampleId :

PST-027-SW069-030719DL

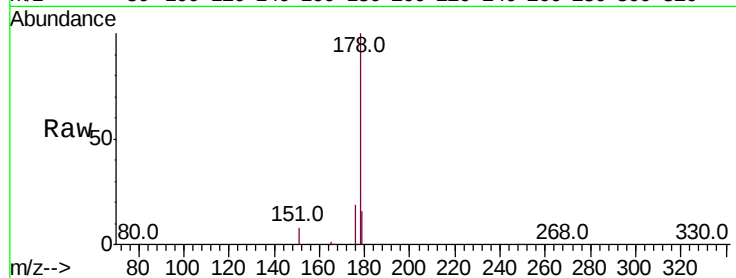
Tot Ion:178 Resp: 49378

Ion Ratio Lower Upper

178 100

176 19.1 14.5 21.7

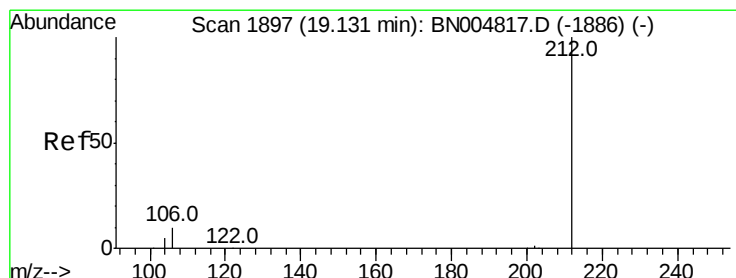
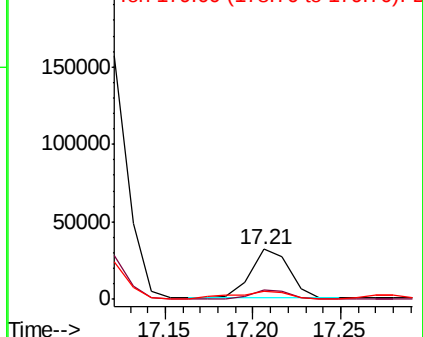
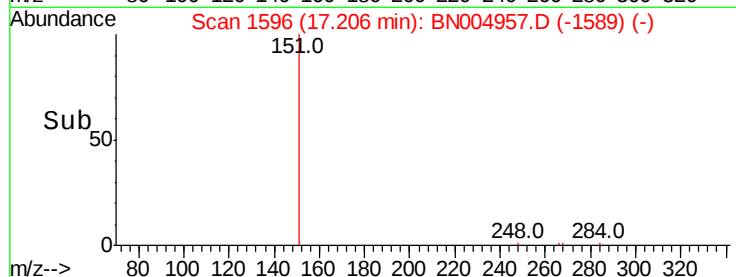
179 22.1 12.2 18.4#



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: 0.148 ng

RT: 19.12 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

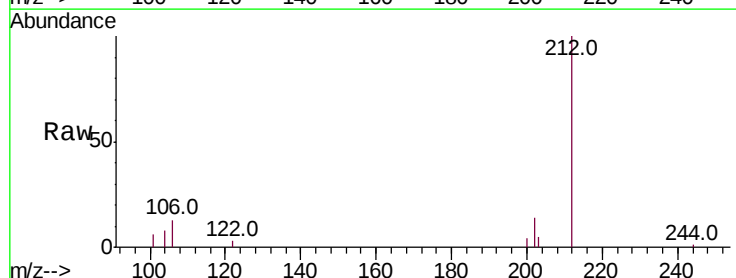
Tgt Ion:212 Resp: 8023

Ion Ratio Lower Upper

212 100

106 12.6 8.6 13.0

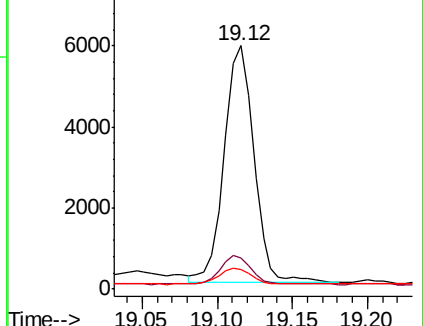
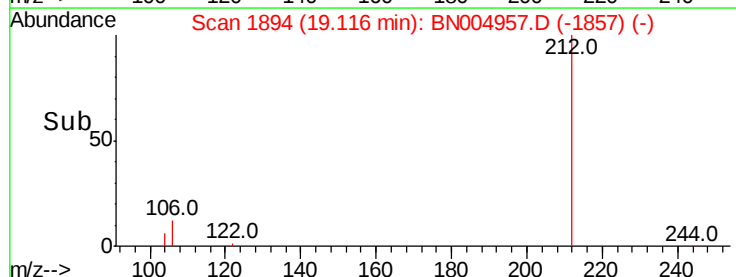
104 7.6 4.7 7.1#

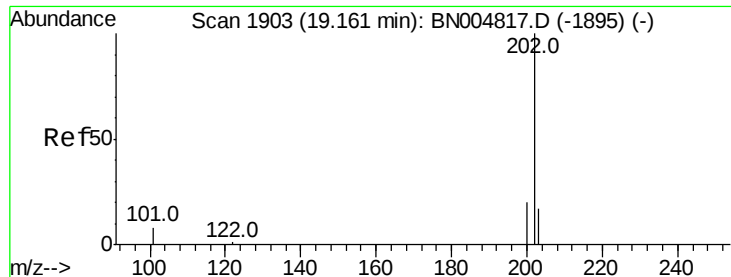


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

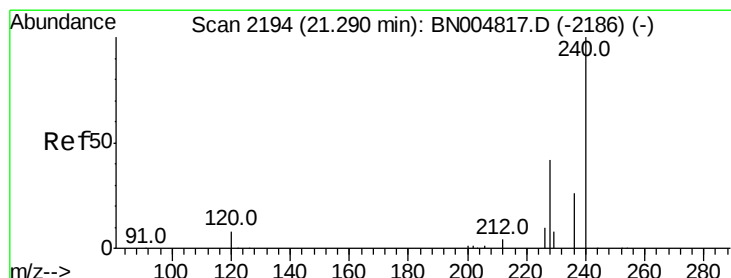
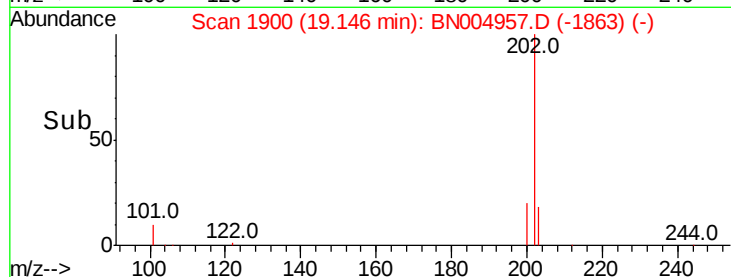
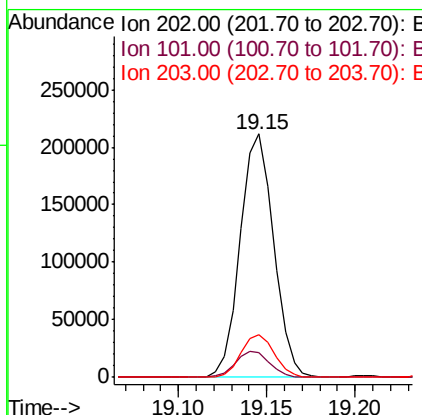
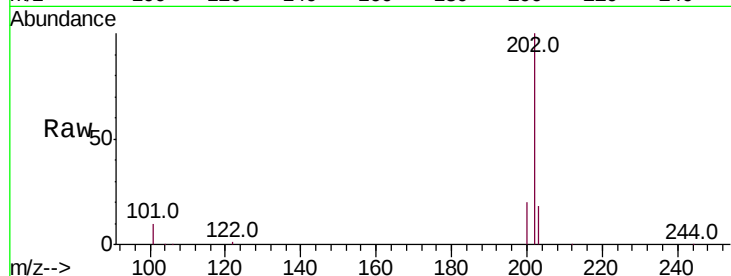




#26
 Fluoranthene
 Concen: 4.150 ng
 RT: 19.15 min Scan# 1900
 Delta R.T. -0.02 min
 Lab File: BN004957.D
 Acq: 25 Mar 2019 13:00

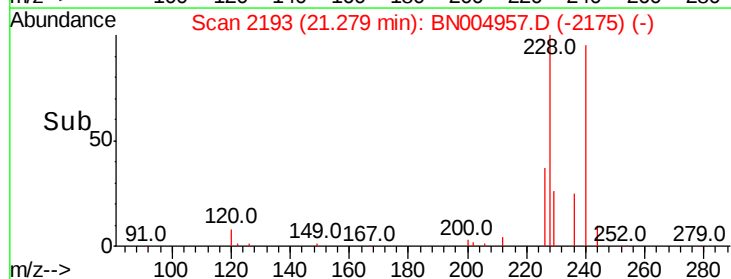
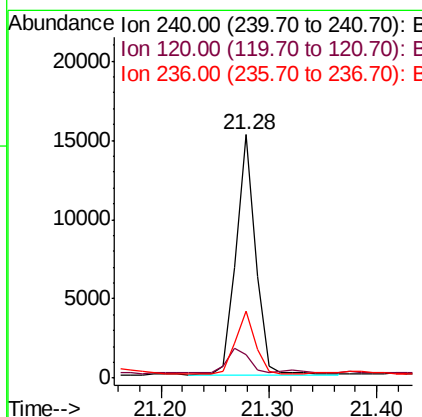
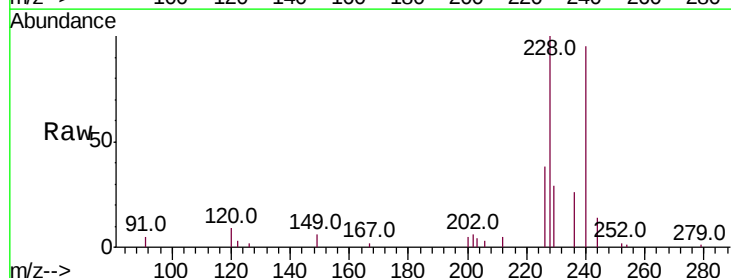
Instrument :
 BNA_N
 ClientSampleId :
 PST-027-SW069-030719DL

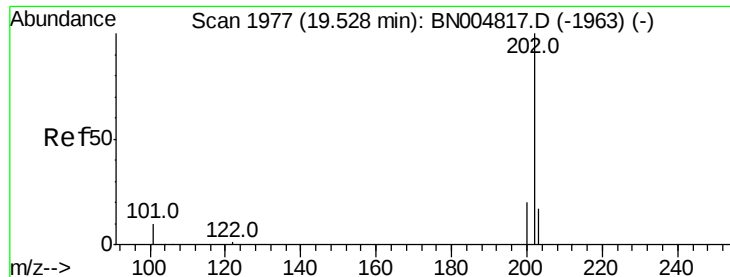
Tot Ion:202 Resp: 277946
 Ion Ratio Lower Upper
 202 100
 101 10.7 7.5 11.3
 203 17.6 13.8 20.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BN004957.D
 Acq: 25 Mar 2019 13:00

Tgt Ion:240 Resp: 18996
 Ion Ratio Lower Upper
 240 100
 120 9.7 7.2 10.8
 236 27.4 20.9 31.3

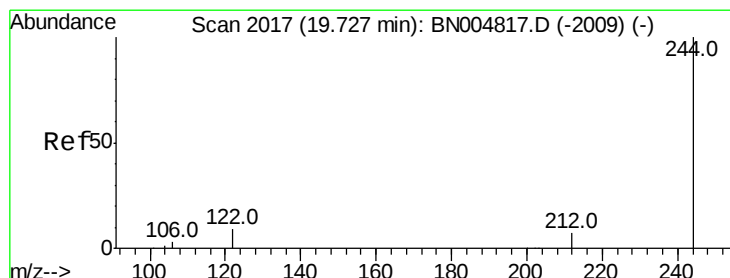
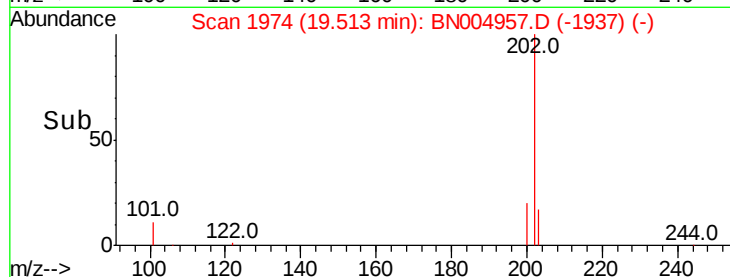
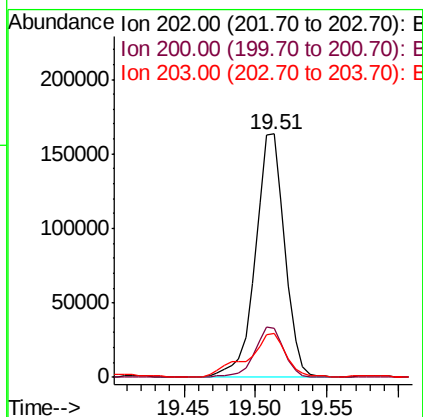
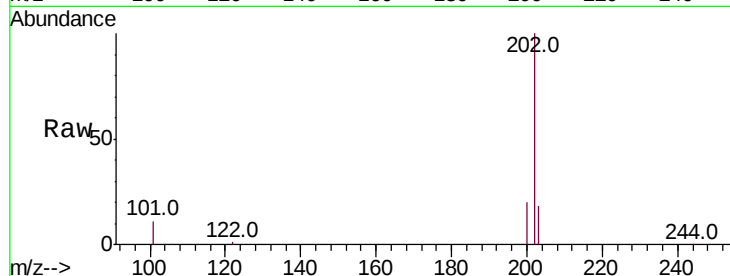




#28
Pvrene
Concen: 3.991 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004957.D
Acq: 25 Mar 2019 13:00

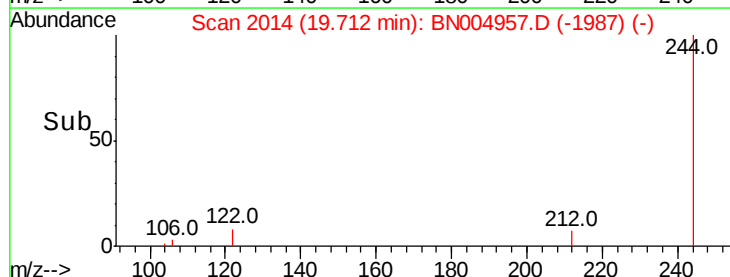
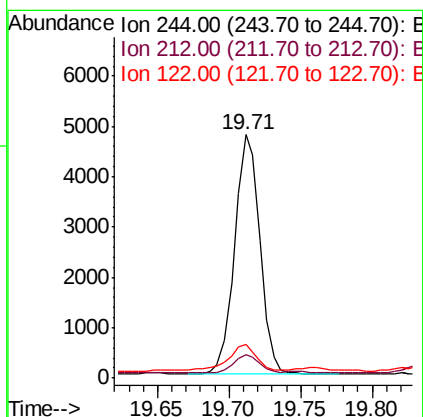
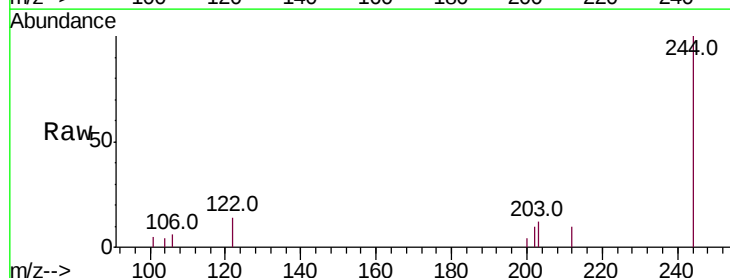
Instrument :
BNA_N
ClientSampleId :
PST-027-SW069-030719DL

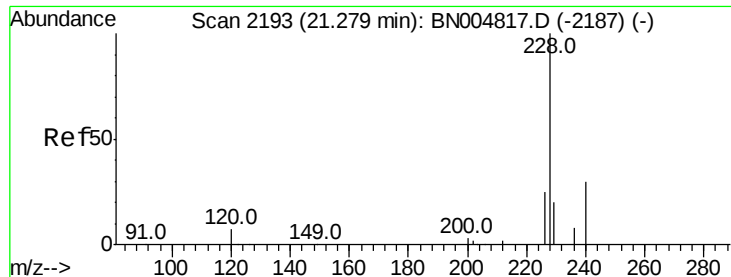
Tot Ion:202 Resp: 231171
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 23.4 14.0 21.0#



#29
Terphenyl-d14
Concen: 0.151 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BN004957.D
Acq: 25 Mar 2019 13:00

Tgt Ion:244 Resp: 5859
Ion Ratio Lower Upper
244 100
212 9.6 5.8 8.6#
122 13.8 7.9 11.9#

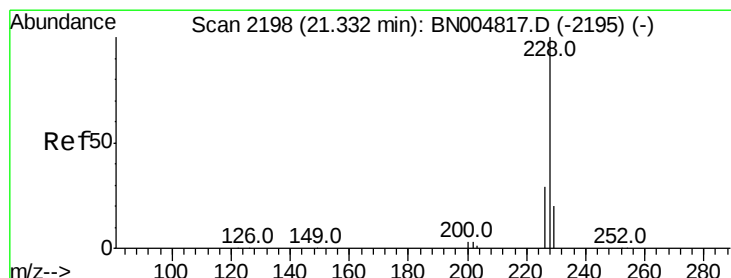
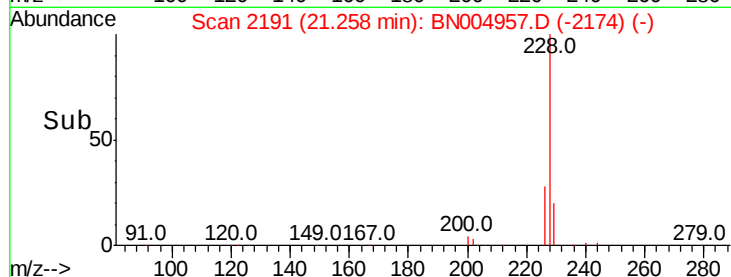
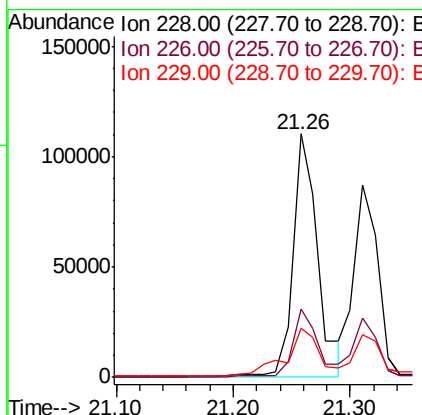
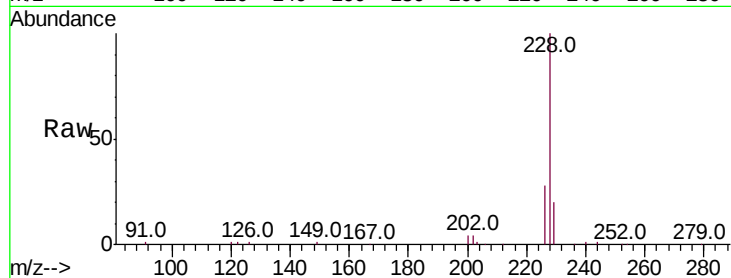




#30
Benzo(a)anthracene
Concen: 2.584 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004957.D
Acq: 25 Mar 2019 13:00

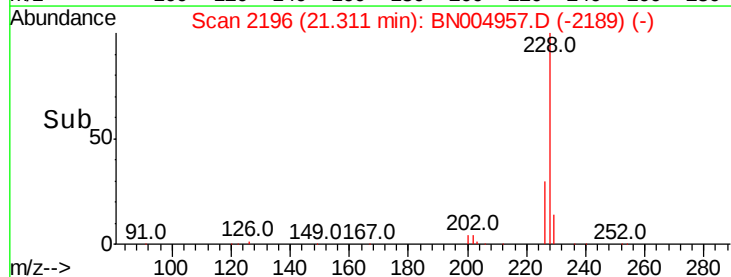
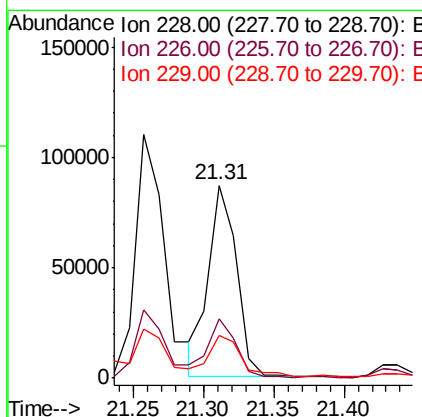
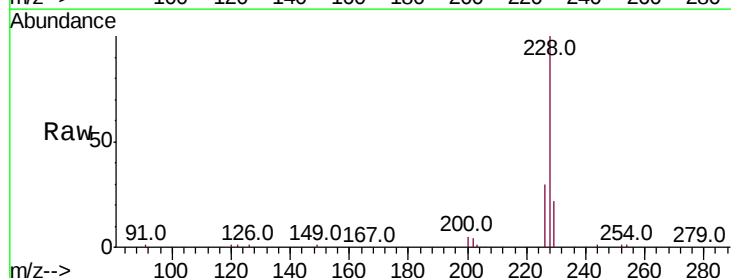
Instrument :
BNA_N
ClientSampleId :
PST-027-SW069-030719DL

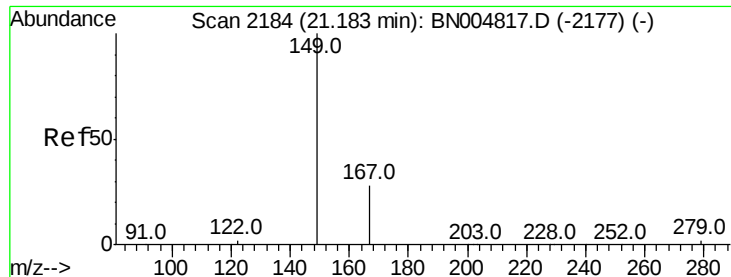
Tot Ion:228 Resp: 160952
Ion Ratio Lower Upper
228 100
226 28.2 20.6 31.0
229 20.2 16.2 24.4



#31
Chrysene
Concen: 1.851 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004957.D
Acq: 25 Mar 2019 13:00

Tgt Ion:228 Resp: 121464
Ion Ratio Lower Upper
228 100
226 30.4 23.0 34.6
229 22.4 16.2 24.2





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.076 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

Instrument :

BNA_N

ClientSampleId :

PST-027-SW069-030719DL

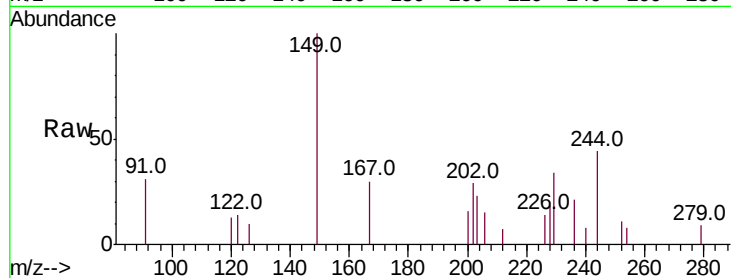
Tot Ion:149 Resp: 1897

Ion Ratio Lower Upper

149 100

167 30.3 23.0 34.4

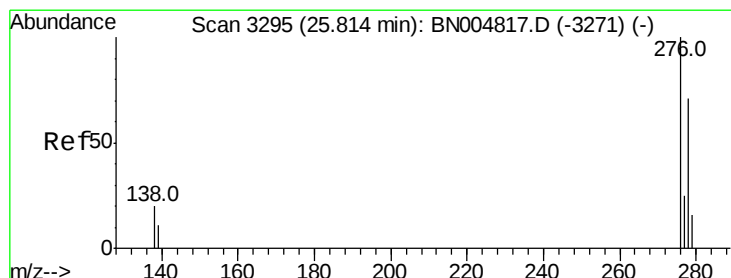
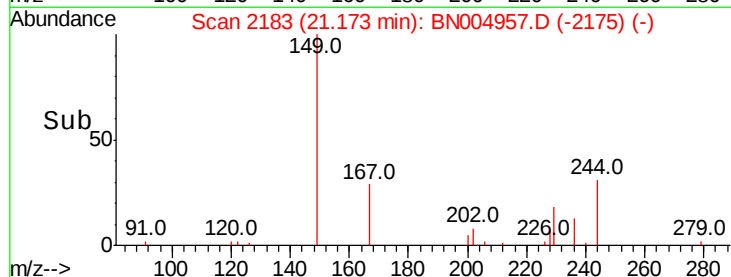
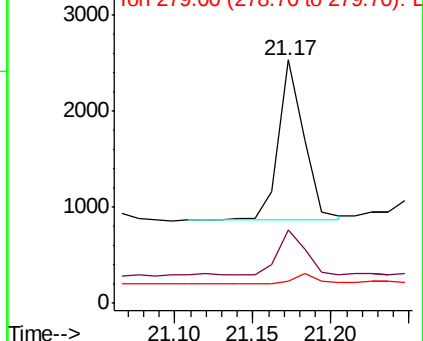
279 8.6 4.6 6.8#



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: 0.679 ng

RT: 25.79 min Scan# 3288

Delta R.T. -0.02 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

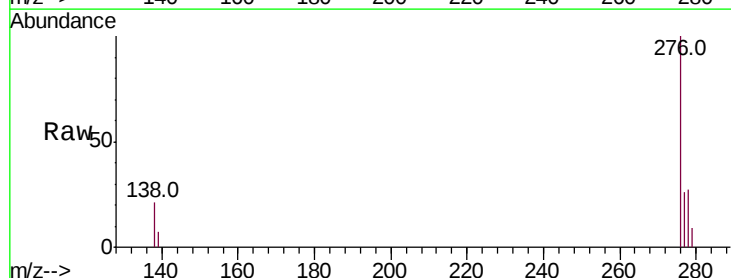
Tgt Ion:276 Resp: 64425

Ion Ratio Lower Upper

276 100

138 20.5 16.6 24.8

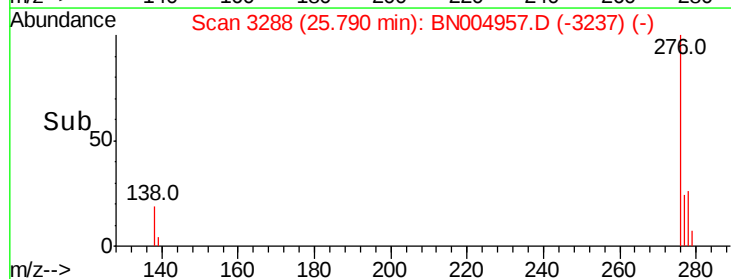
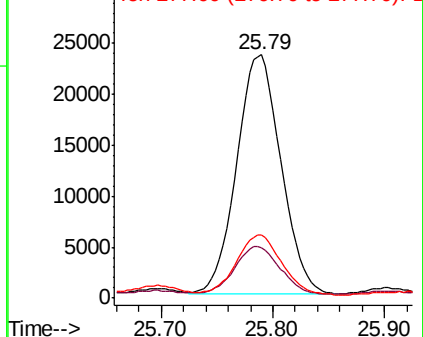
277 25.3 20.3 30.5

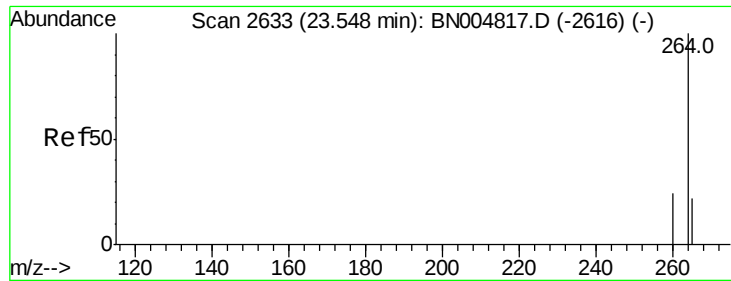


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

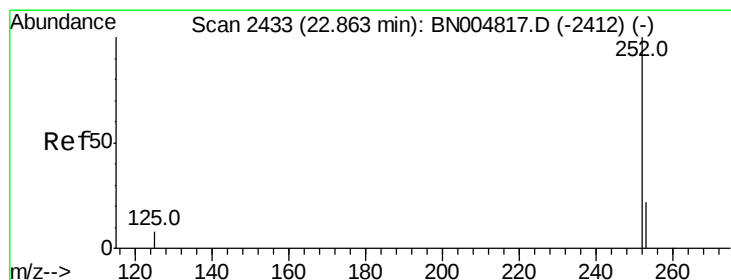
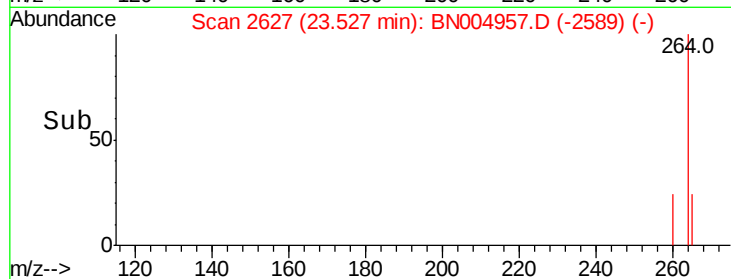
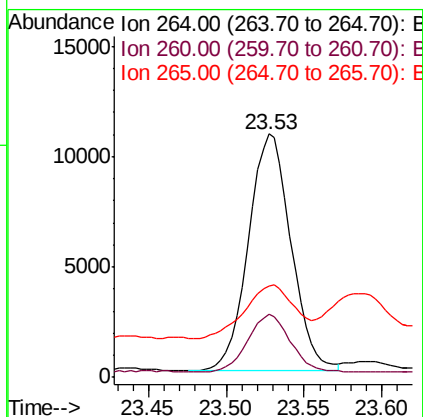
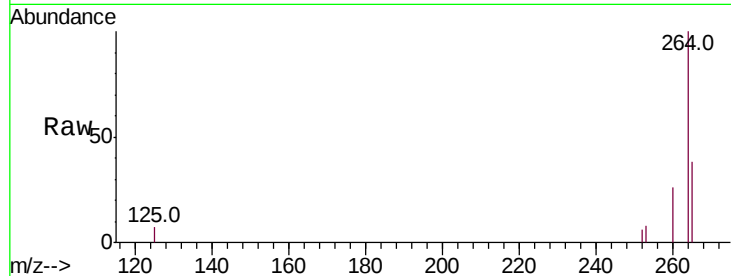




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN004957.D
Acq: 25 Mar 2019 13:00

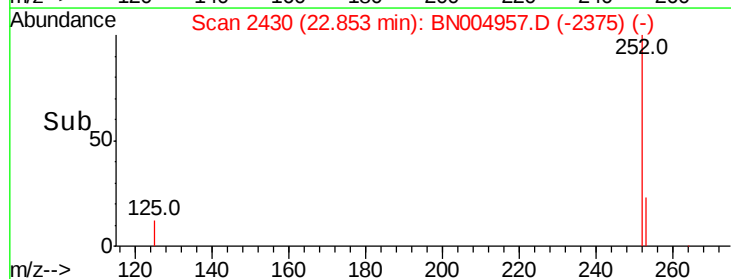
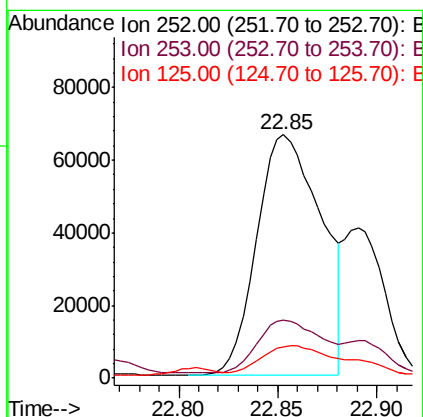
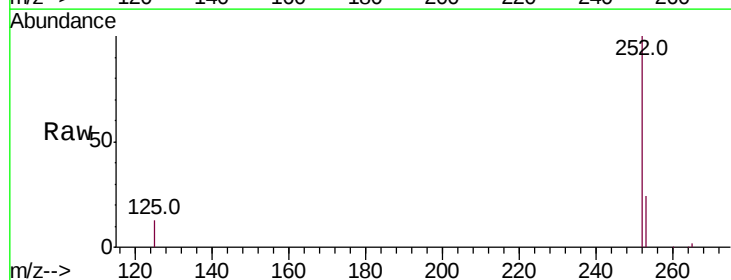
Instrument :
BNA_N
ClientSampleId :
PST-027-SW069-030719DL

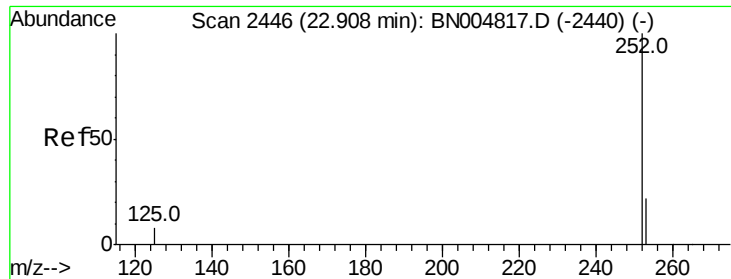
Tot Ion:264 Resp: 20300
Ion Ratio Lower Upper
264 100
260 25.7 19.5 29.3
265 37.7 23.1 34.7#



#35
Benzo(b)fluoranthene
Concen: 2.041 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004957.D
Acq: 25 Mar 2019 13:00

Tgt Ion:252 Resp: 149903
Ion Ratio Lower Upper
252 100
253 23.8 19.0 28.4
125 12.8 7.4 11.2#





#36

Benzo(k)fluoranthene

Concen: 0.799 ng/mL

RT: 22.89 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

Instrument:

BNA_N

ClientSampleId:

PST-027-SW069-030719DL

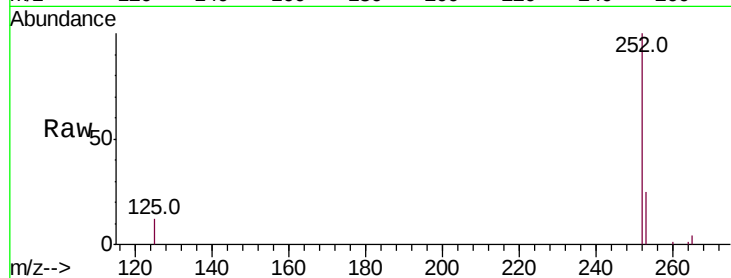
Tot Ion:252 Resp: 57714

Ion Ratio Lower Upper

252 100

253 24.9 19.3 28.9

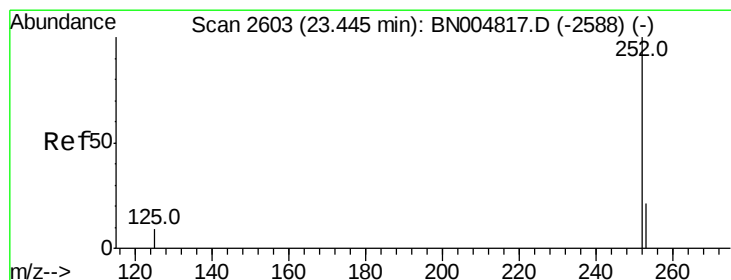
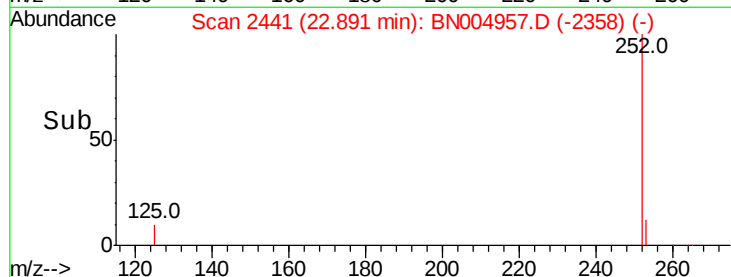
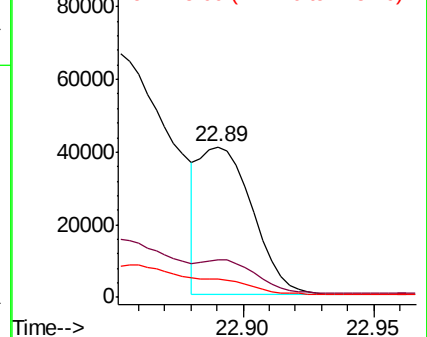
125 12.2 7.4 11.0#



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: 1.680 ng/mL

RT: 23.43 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

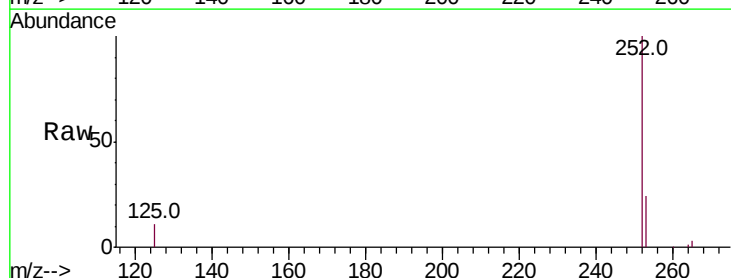
Tgt Ion:252 Resp: 113161

Ion Ratio Lower Upper

252 100

253 24.0 19.7 29.5

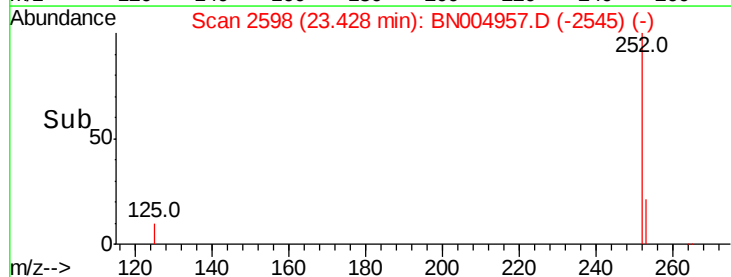
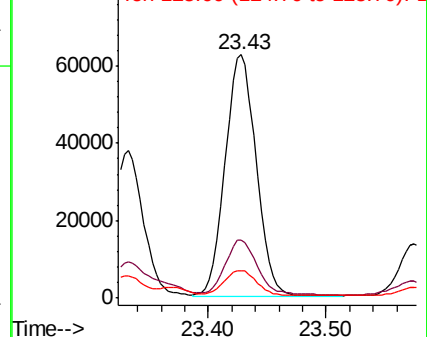
125 11.5 8.3 12.5

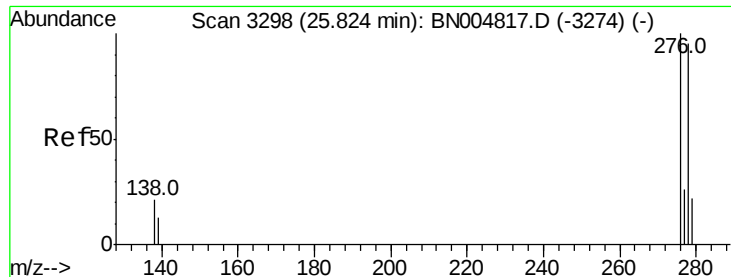


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.274 ng

RT: 25.79 min Scan# 3288

Delta R.T. -0.03 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

Instrument :

BNA_N

ClientSampleId :

PST-027-SW069-030719DL

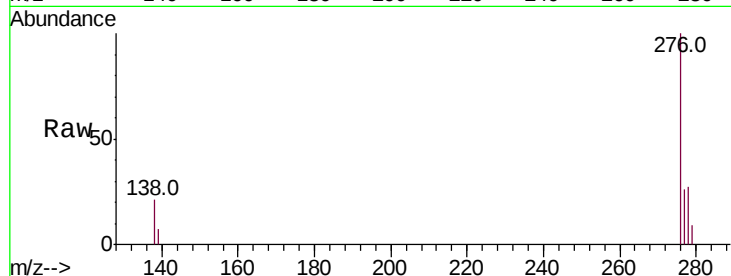
Tot Ion:278 Resp: 21352

Ion Ratio Lower Upper

278 100

139 24.3 11.7 17.5#

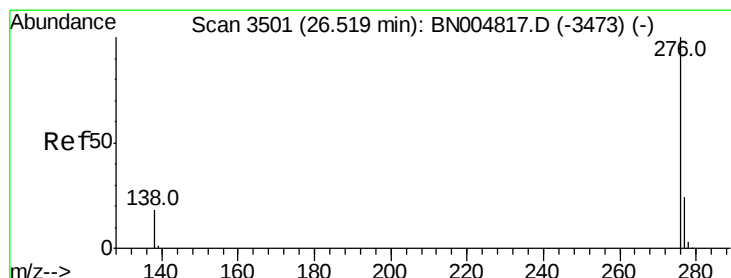
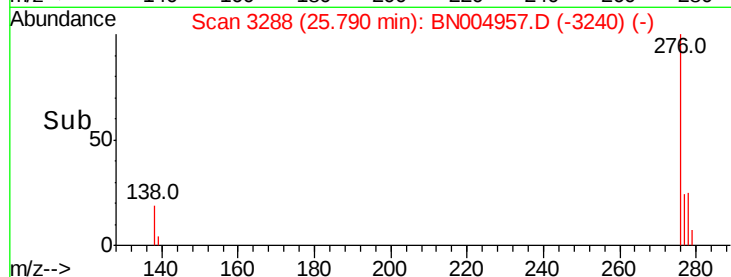
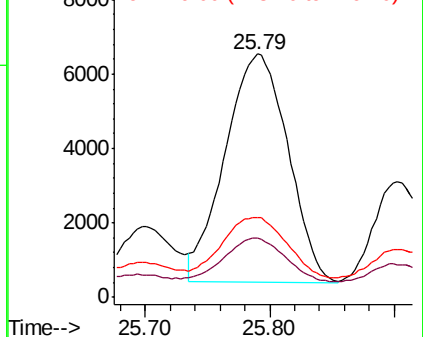
279 32.9 19.9 29.9#



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: 0.692 ng

RT: 26.49 min Scan# 3492

Delta R.T. -0.03 min

Lab File: BN004957.D

Acq: 25 Mar 2019 13:00

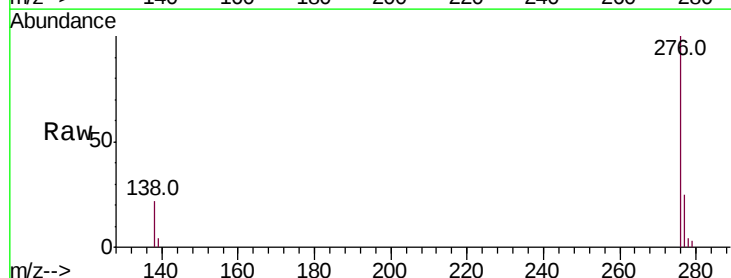
Tgt Ion:276 Resp: 55020

Ion Ratio Lower Upper

276 100

277 25.3 19.7 29.5

138 21.5 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

