

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004885.D
 Acq On : 22 Mar 2019 12:27
 Operator : JU/SJ
 Sample : K2013-19MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-026-SW035-031819MSD

Quant Time: Mar 22 22:22:30 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	7.70	152	2367	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	11222	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	6787	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	16625	0.40	ng	0.00
27) Chrysene-d12	21.29	240	21715	0.40	ng	0.00
34) Perylene-d12	23.54	264	21923	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	2242	0.35	ng	0.00
5) Phenol-d6	6.87	99	2988	0.37	ng	0.00
8) Nitrobenzene-d5	8.86	82	2173	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	5913	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1270	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	8598	0.31	ng	-0.01
25) Fluoranthene-d10	19.13	212	16034	0.29	ng	0.00
29) Terphenyl-d14	19.72	244	12620	0.28	ng	0.00

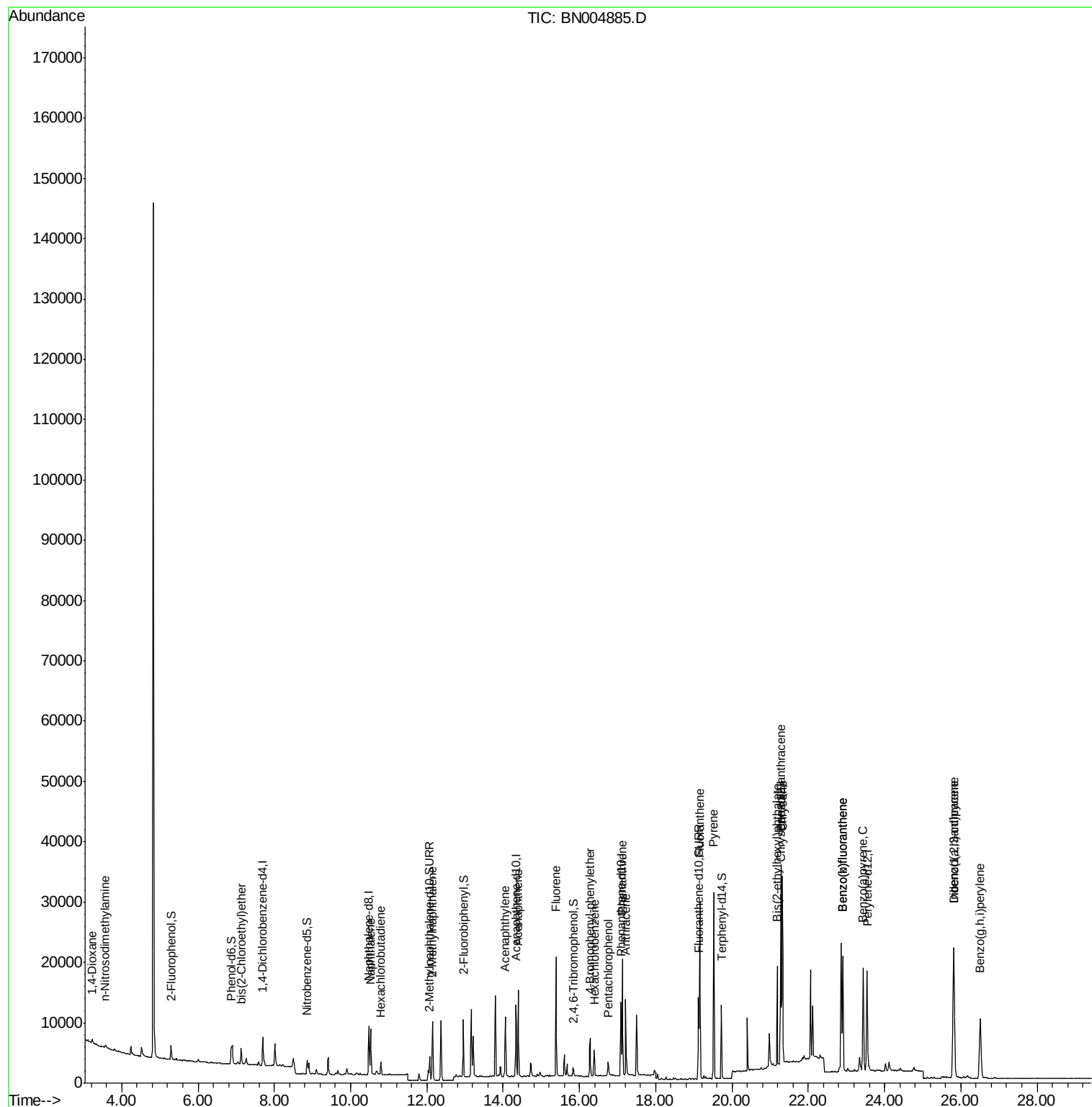
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	546	0.203	ng	# 30
3) n-Nitrosodimethylamine	3.57	42	406	0.255	ng	83
6) bis(2-Chloroethyl)ether	7.13	93	2317	0.321	ng	99
9) Naphthalene	10.53	128	9859	0.313	ng	99
10) Hexachlorobutadiene	10.80	225	1635	0.272	ng	# 99
12) 2-Methylnaphthalene	12.15	142	7355	0.315	ng	100
16) Acenaphthylene	14.05	152	11503	0.329	ng	100
17) Acenaphthene	14.40	154	7023	0.307	ng	99
18) Fluorene	15.39	166	9618	0.301	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	3147	0.290	ng	# 88
21) Hexachlorobenzene	16.39	284	3462	0.278	ng	96
22) Pentachlorophenol	16.75	266	1537	0.632	ng	97
23) Phenanthrene	17.13	178	19947	0.372	ng	99
24) Anthracene	17.22	178	15019	0.313	ng	99
26) Fluoranthene	19.16	202	26265	0.381	ng	99
28) Pyrene	19.52	202	28323	0.428	ng	99
30) Benzo(a)anthracene	21.27	228	25575	0.359	ng	97
31) Chrysene	21.32	228	25246	0.337	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	13489	0.474	ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	24535	0.226	ng	98
35) Benzo(b)fluoranthene	22.90	252	24262	0.306	ng	97
36) Benzo(k)fluoranthene	22.90	252	24345	0.312	ng	# 97
37) Benzo(a)pyrene	23.44	252	23815	0.327	ng	98
38) Dibenzo(a,h)anthracene	25.82	278	19324	0.229	ng	# 95
39) Benzo(g,h,i)perylene	26.51	276	20949	0.244	ng	98

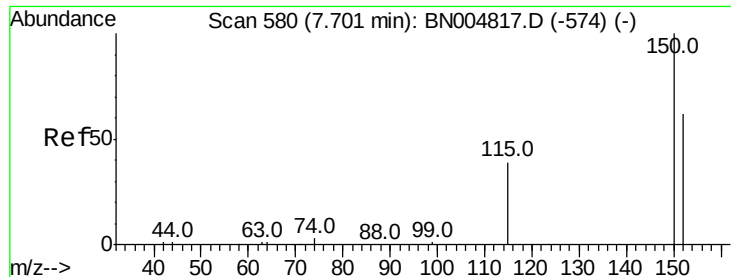
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PST-026-SW035-031819MSD

Quant Time: Mar 22 22:18:43 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

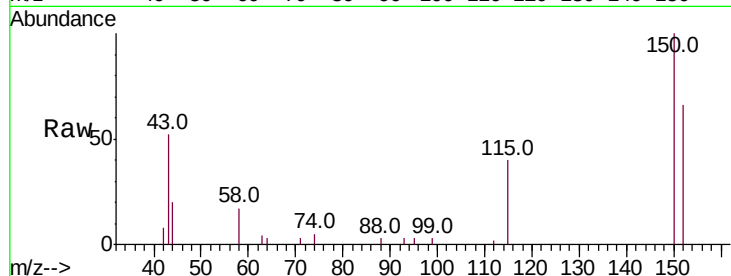
Tot Ion:152 Resp: 2367

Ion Ratio Lower Upper

152 100

150 151.8 126.2 189.4

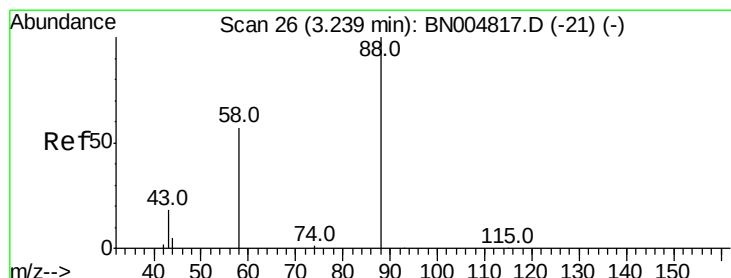
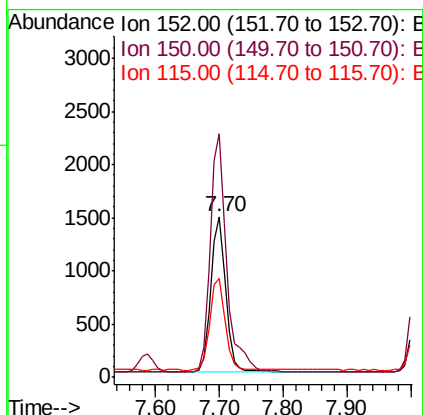
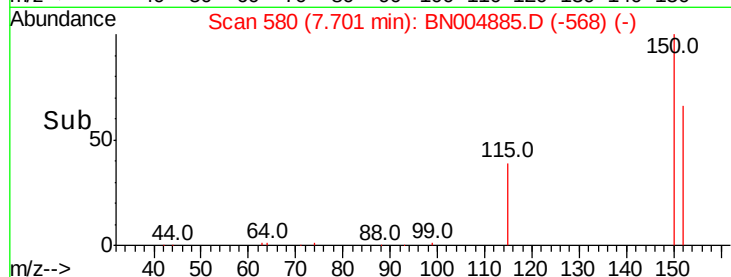
115 61.3 52.6 79.0



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: 0.203 ng

RT: 3.23 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

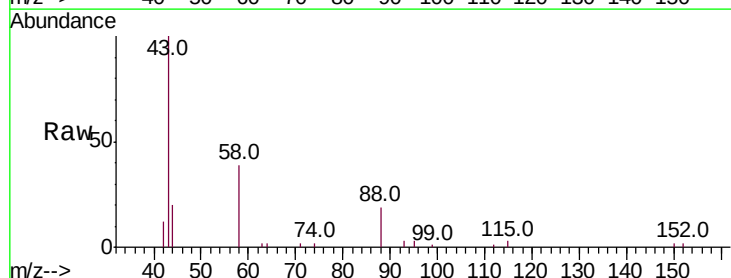
Tgt Ion: 88 Resp: 546

Ion Ratio Lower Upper

88 100

58 92.7 51.4 77.2#

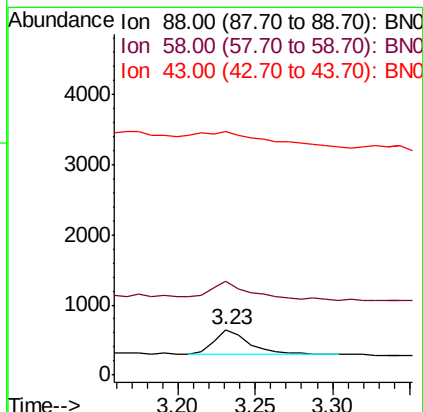
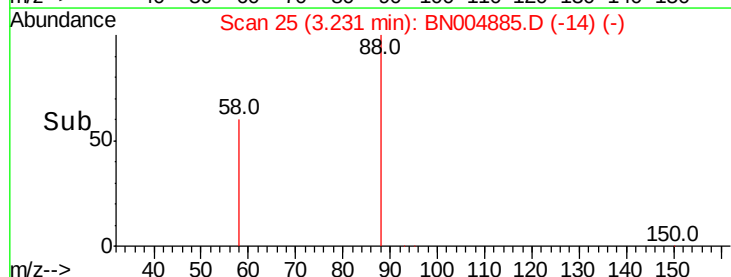
43 103.5 20.0 30.0#

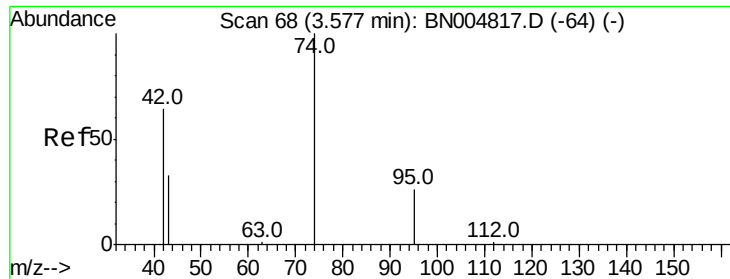


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



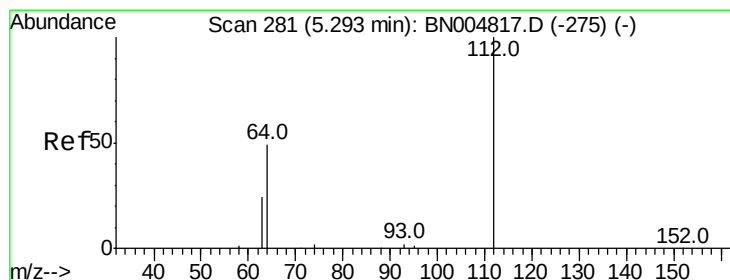
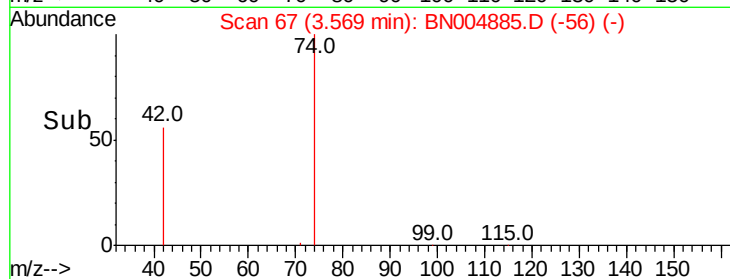
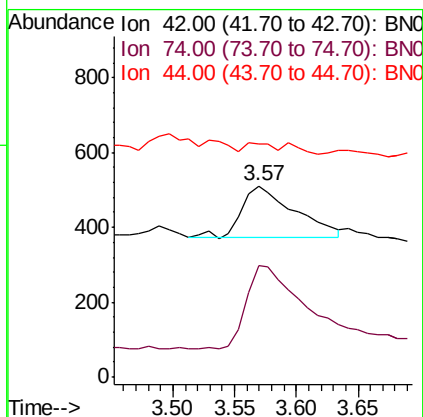
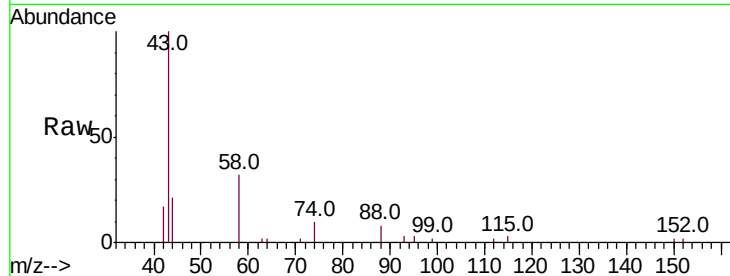


#3

n-Nitrosodimethylamine
Concen: 0.255 ng
RT: 3.57 min Scan# 67
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

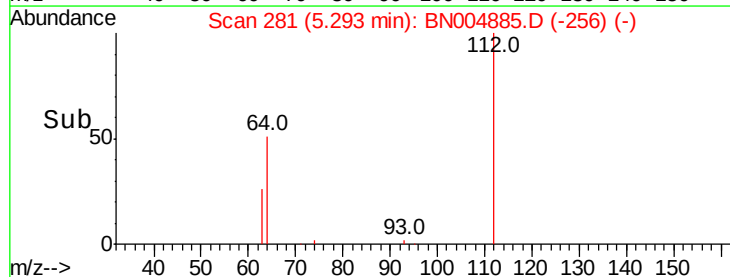
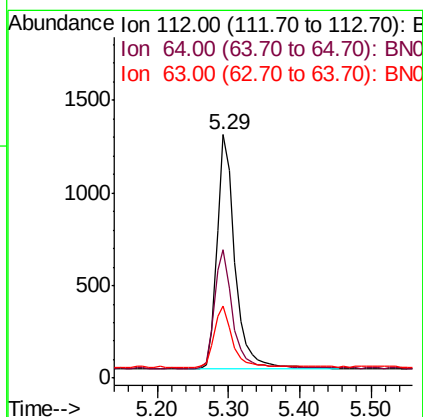
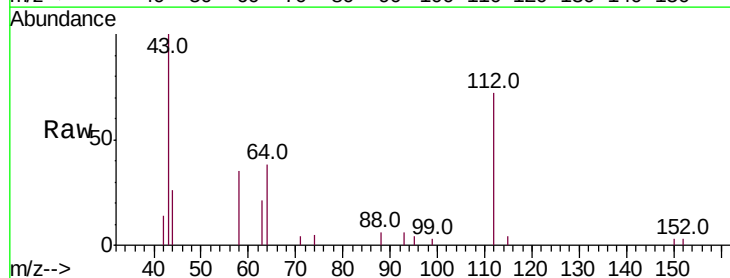
Tot Ion: 42 Resp: 406
Ion Ratio Lower Upper
42 100
74 183.3 128.4 192.6
44 8.9 6.1 9.1

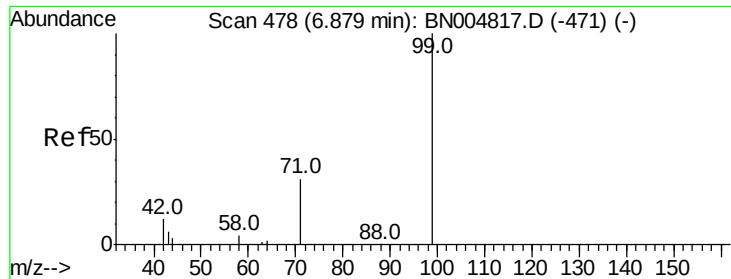


#4

2-Fluorophenol
Concen: 0.349 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion: 112 Resp: 2242
Ion Ratio Lower Upper
112 100
64 50.8 40.0 60.0
63 26.5 20.2 30.2





#5

Phenol-d6

Concen: 0.373 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

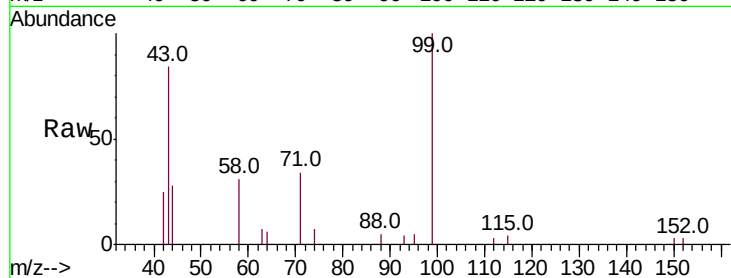
Tot Ion: 99 Resp: 2988

Ion Ratio Lower Upper

99 100

42 21.3 12.7 19.1#

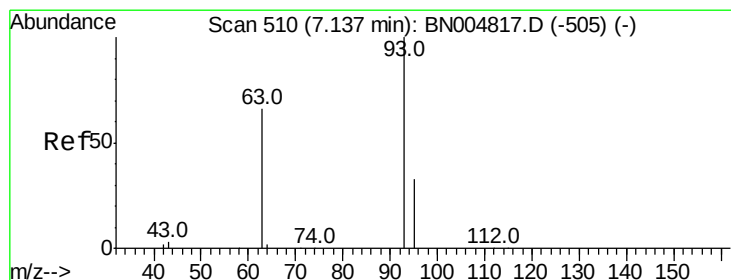
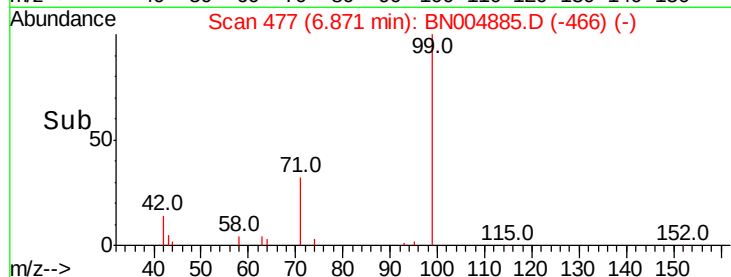
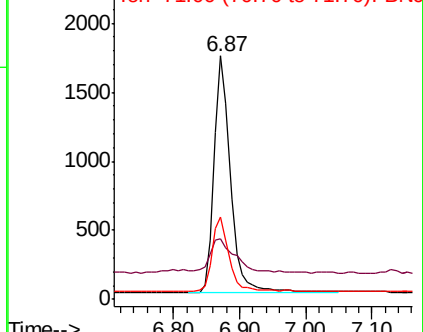
71 31.2 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.321 ng

RT: 7.13 min Scan# 509

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

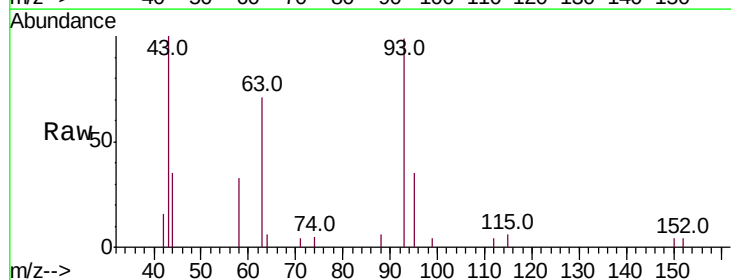
Tgt Ion: 93 Resp: 2317

Ion Ratio Lower Upper

93 100

63 66.3 52.6 78.8

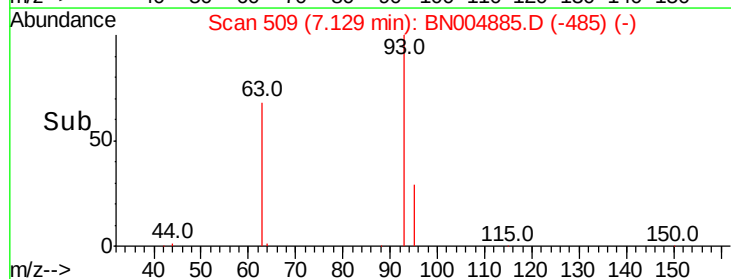
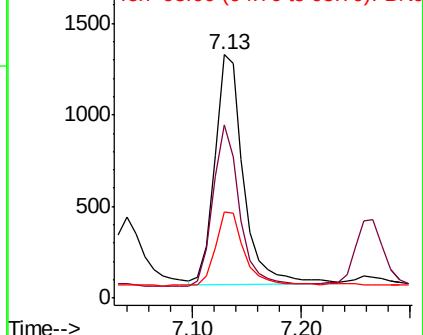
95 32.2 25.9 38.9

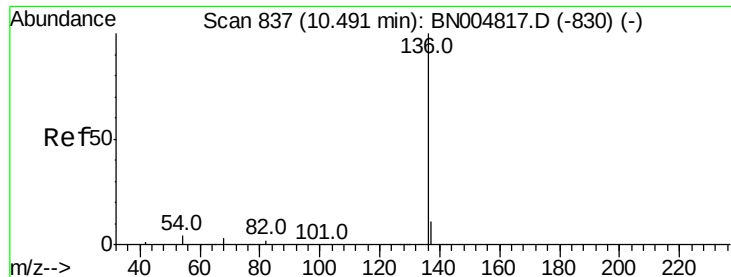


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

Tot Ion:136 Resp: 11222

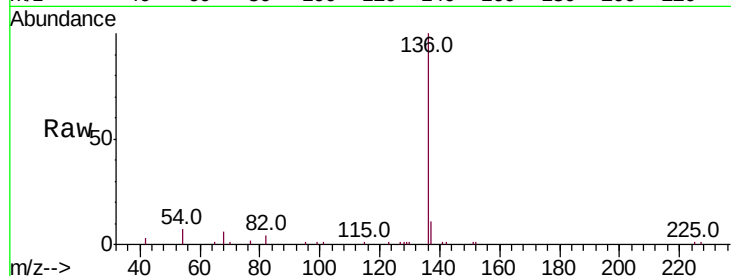
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 6.5 4.2 6.2#

68 5.7 3.9 5.9

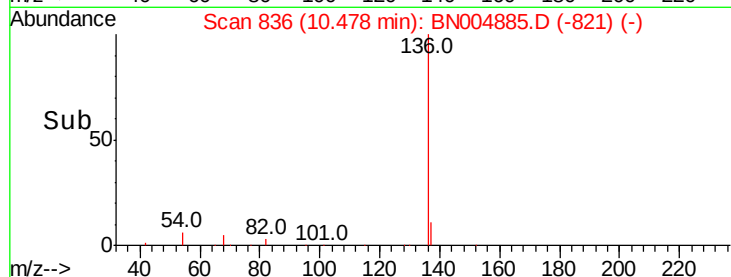


Abundance Ion 136.00 (135.70 to 136.70): E

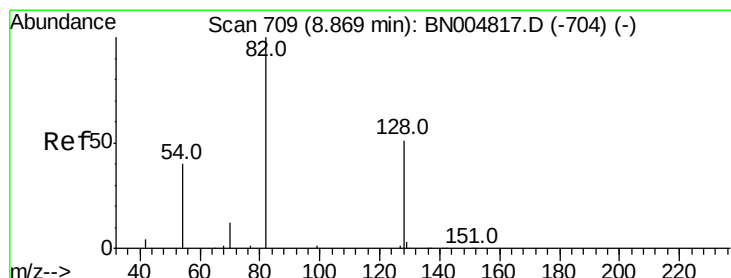
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.293 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

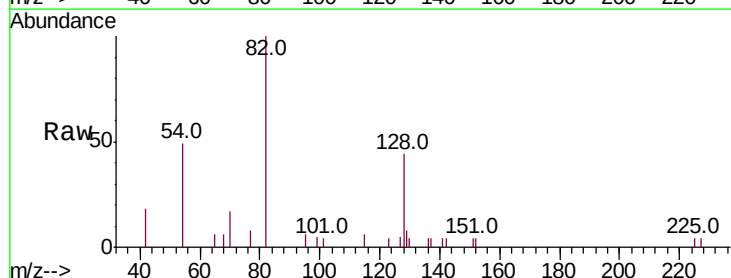
Tgt Ion: 82 Resp: 2173

Ion Ratio Lower Upper

82 100

128 44.2 43.0 64.6

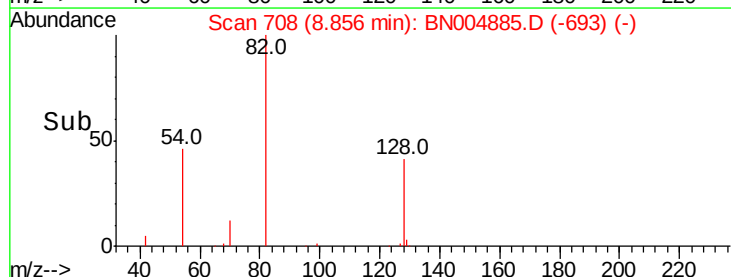
54 49.2 35.3 52.9



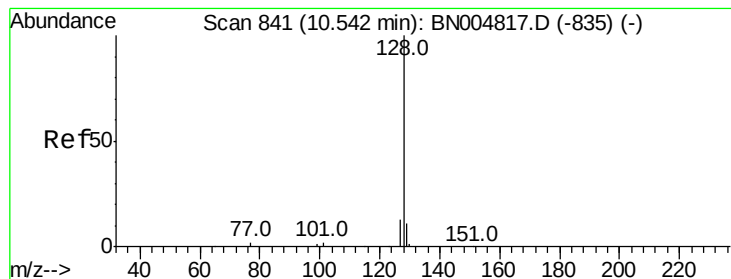
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.313 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

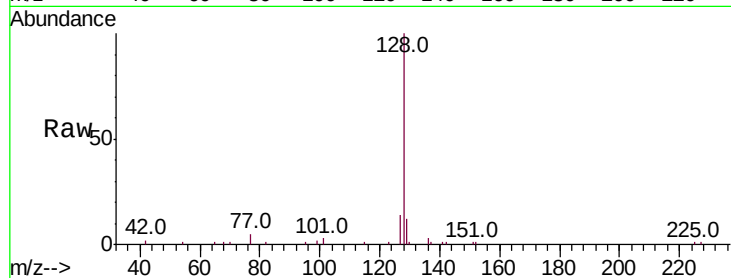
Tot Ion:128 Resp: 9859

Ion Ratio Lower Upper

128 100

129 11.6 9.9 14.9

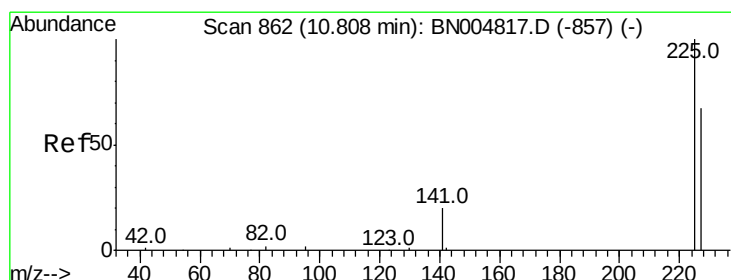
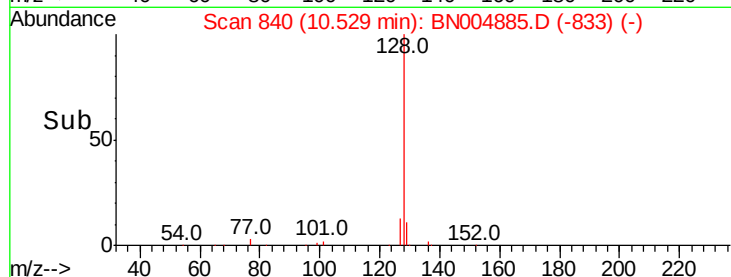
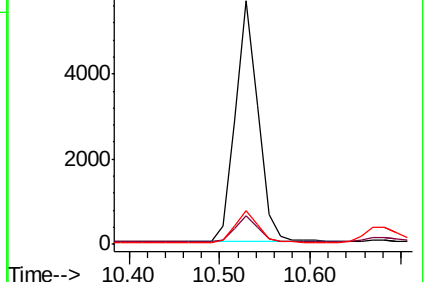
127 13.9 11.3 16.9



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: 0.272 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

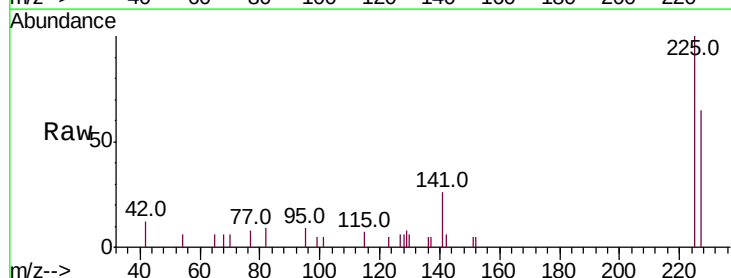
Tgt Ion:225 Resp: 1635

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

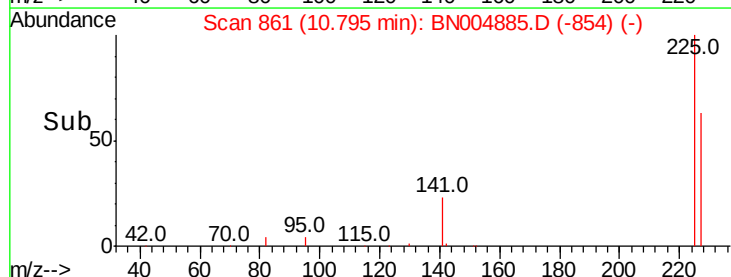
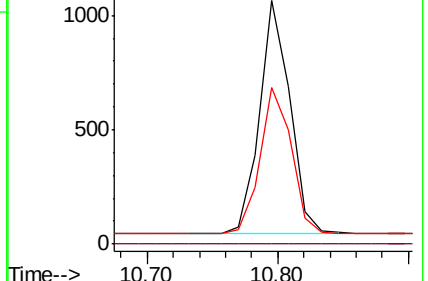
227 64.8 52.2 78.4

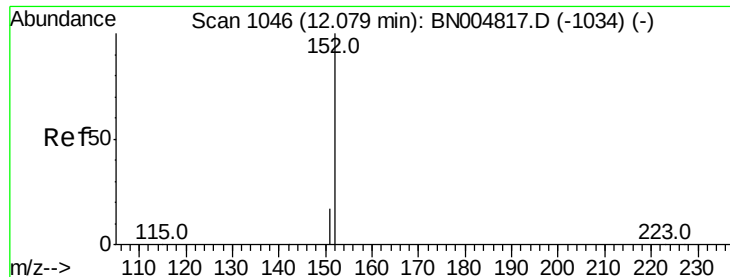


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

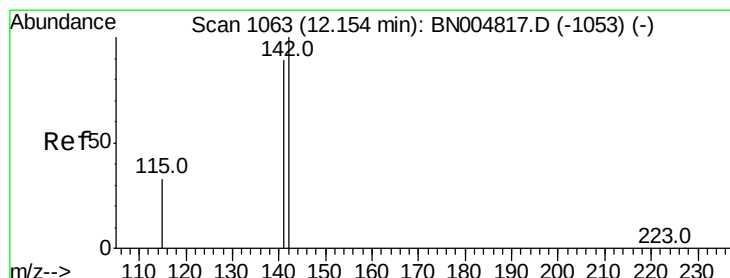
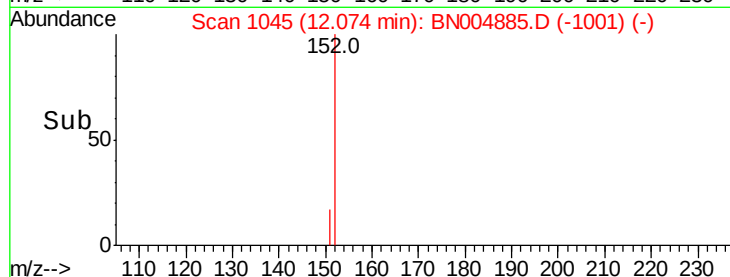
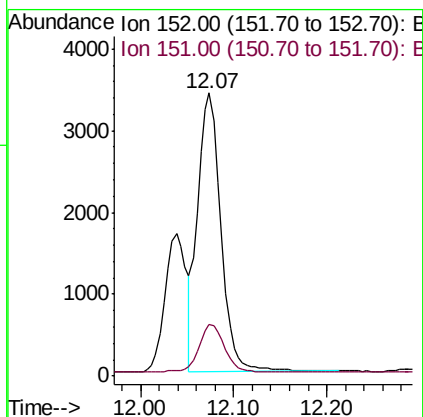
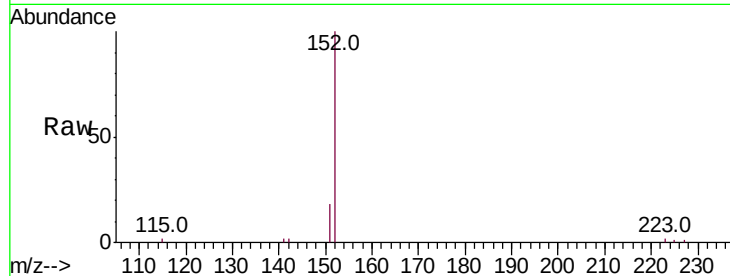




#11
 2-Methylnaphthalene-d10
 Concen: 0.302 ng
 RT: 12.07 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BN004885.D
 Acq: 22 Mar 2019 12:27

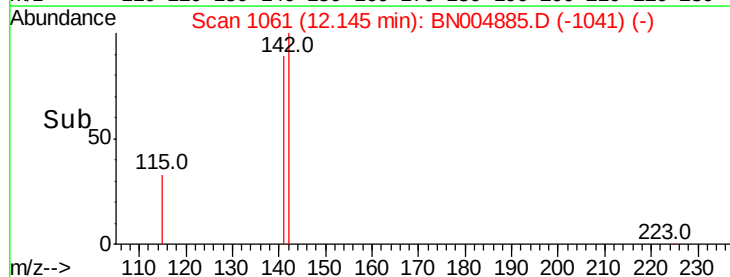
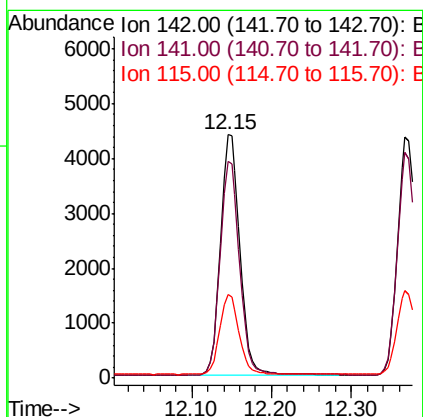
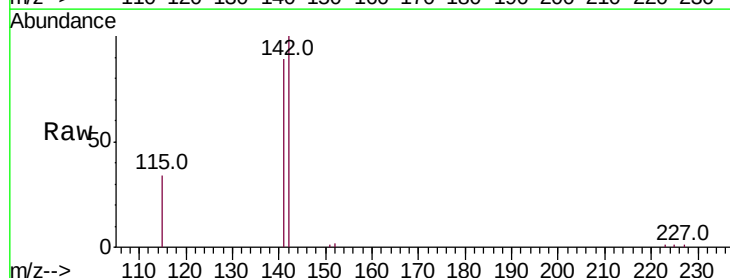
Instrument :
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 PST-026-SW035-031819MSD

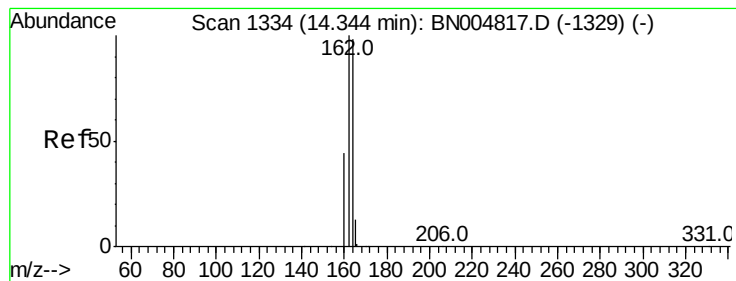
Tot Ion:152 Resp: 5913
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.315 ng
 RT: 12.15 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BN004885.D
 Acq: 22 Mar 2019 12:27

Tgt Ion:142 Resp: 7355
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.4 107.2
 115 34.5 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: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

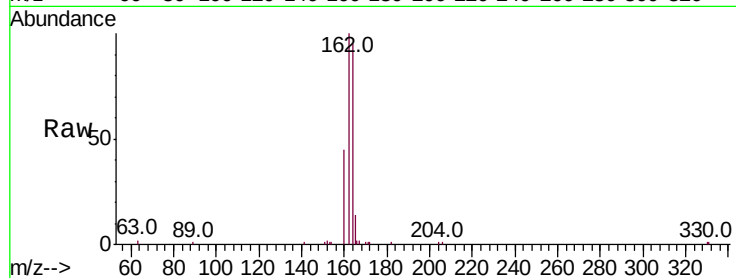
Tot Ion:164 Resp: 6787

Ion Ratio Lower Upper

164 100

162 105.4 81.9 122.9

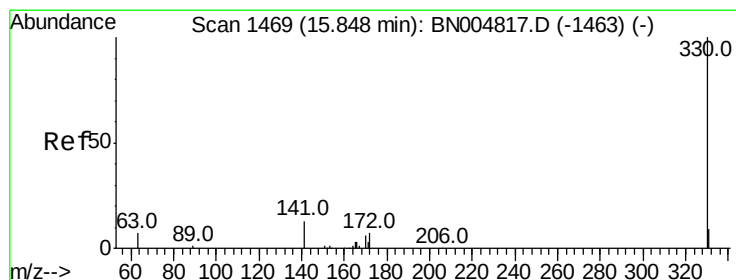
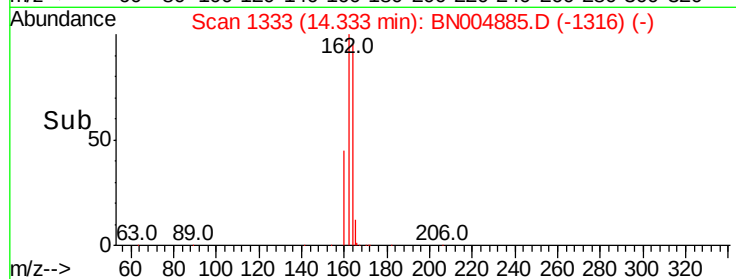
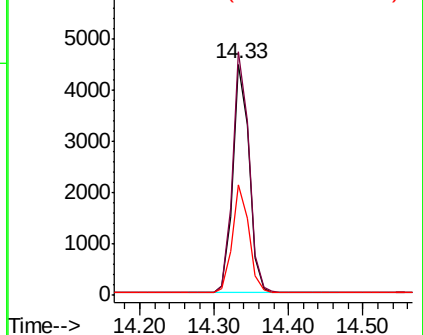
160 47.7 36.6 54.8



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: 0.271 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

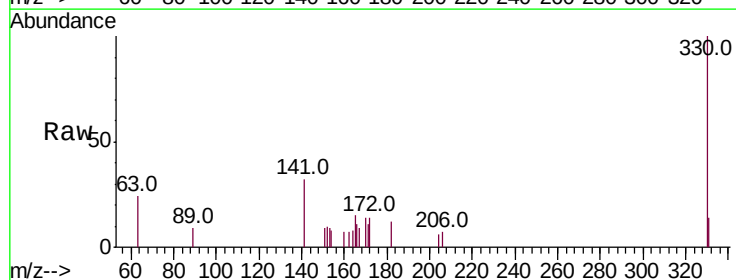
Tgt Ion:330 Resp: 1270

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

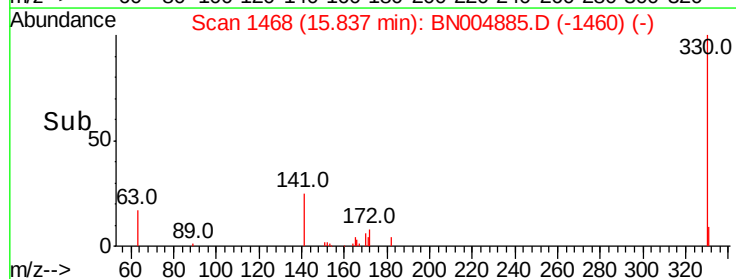
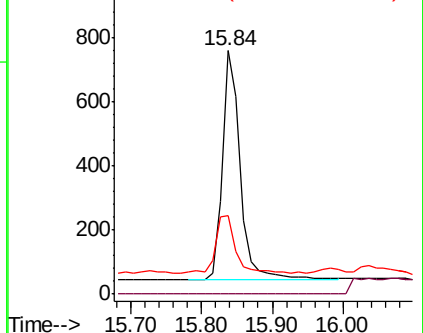
141 28.2 20.9 31.3

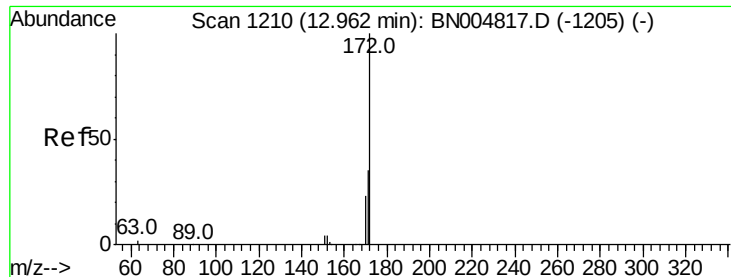


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

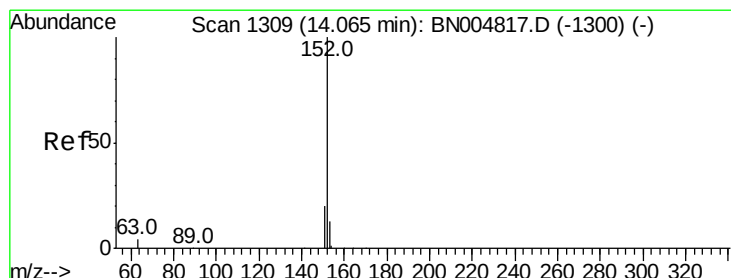
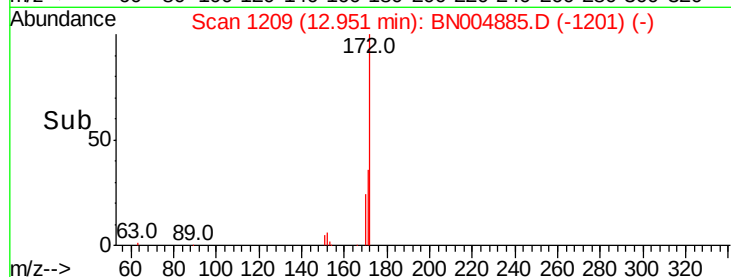
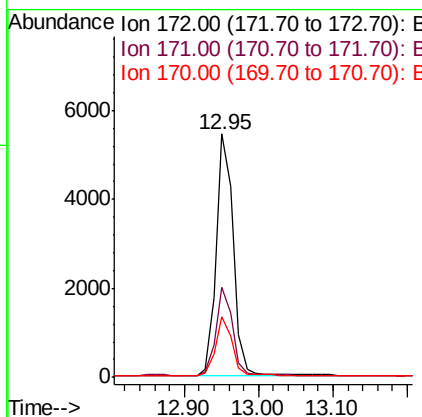
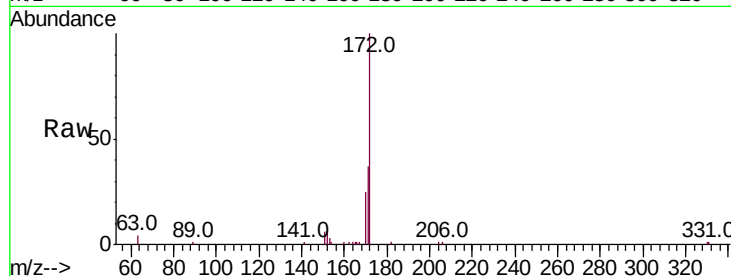




#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

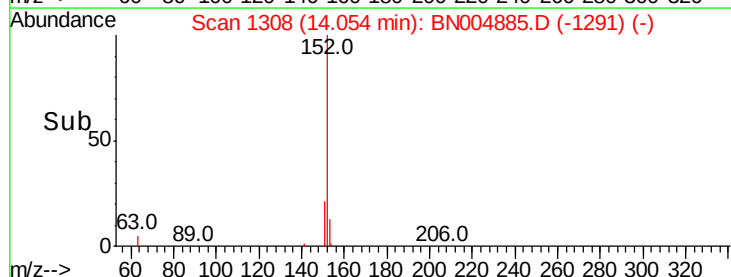
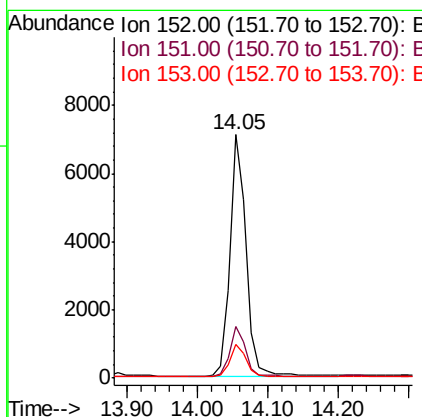
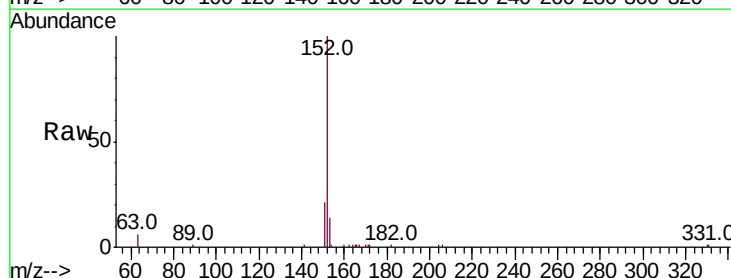
Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

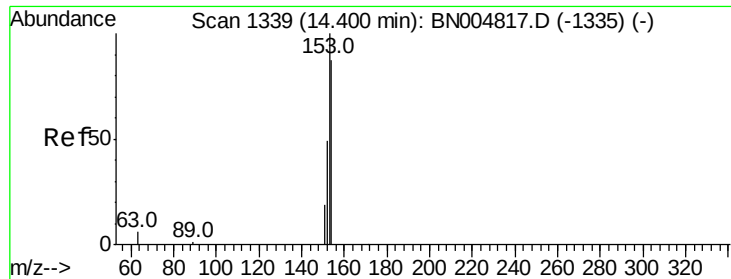
Tot Ion:172 Resp: 8598
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 24.7 18.7 28.1



#16
Acenaphthylene
Concen: 0.329 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:152 Resp: 11503
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.307 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

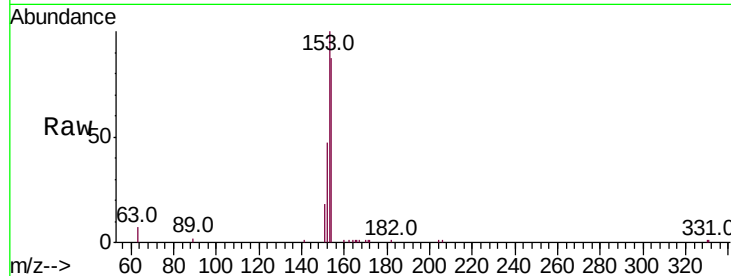
Tot Ion:154 Resp: 7023

Ion Ratio Lower Upper

154 100

153 115.2 91.4 137.2

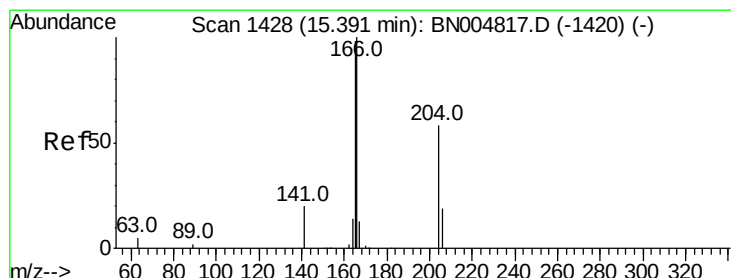
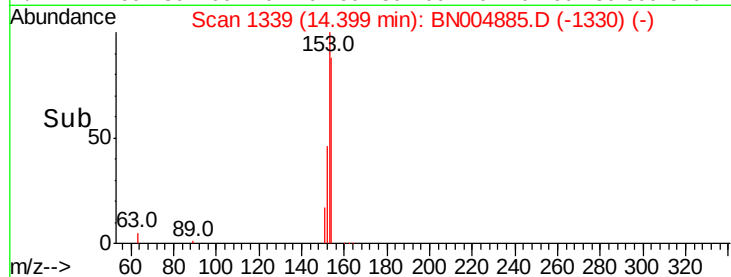
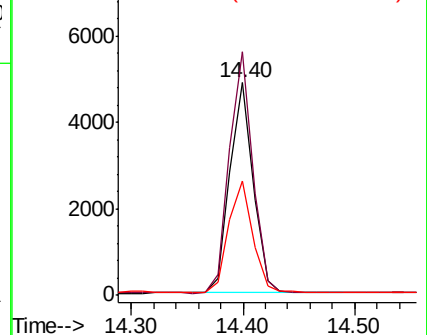
152 55.4 44.2 66.2



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: 0.301 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

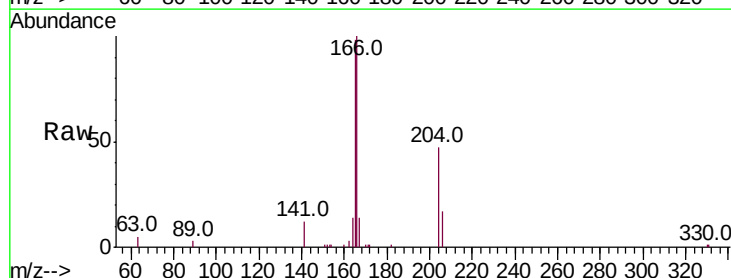
Tgt Ion:166 Resp: 9618

Ion Ratio Lower Upper

166 100

165 99.4 78.2 117.4

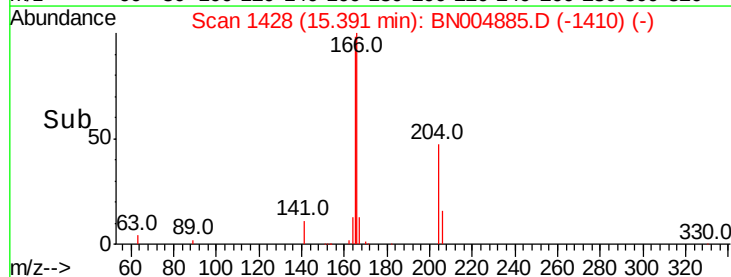
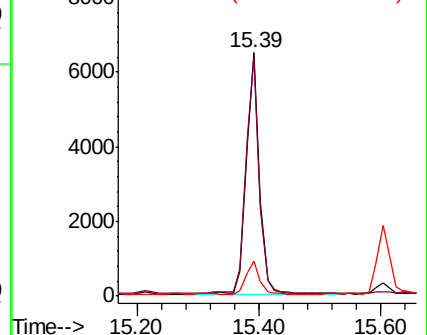
167 13.6 11.0 16.4

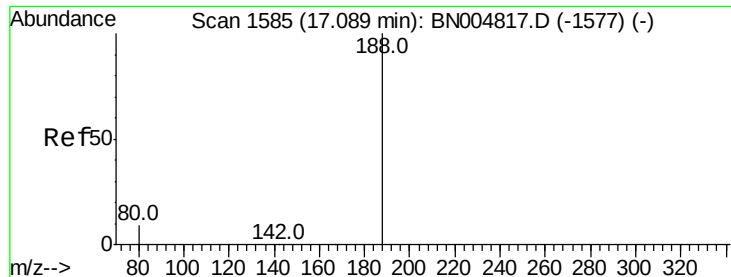


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

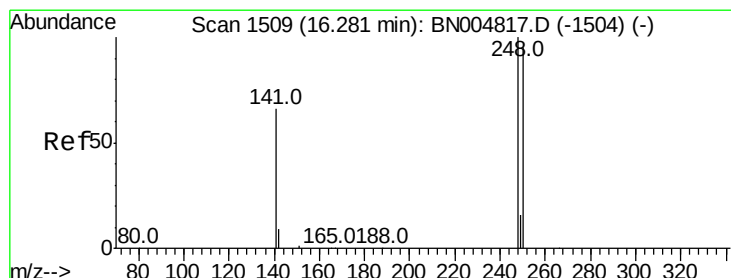
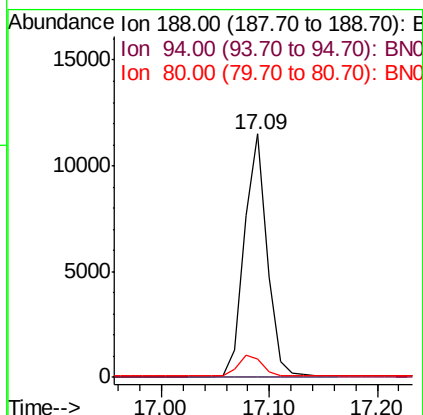
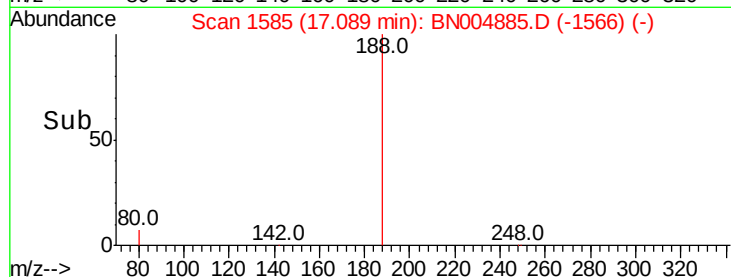
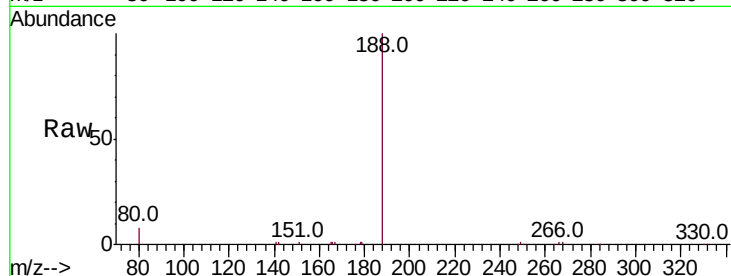
Tot Ion:188 Resp: 16625

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 7.4 11.2



#20

4-Bromophenyl-phenylether

Concen: 0.290 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

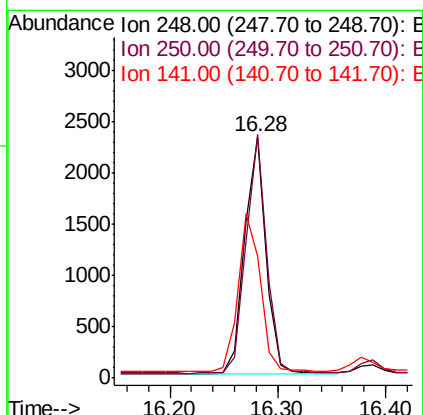
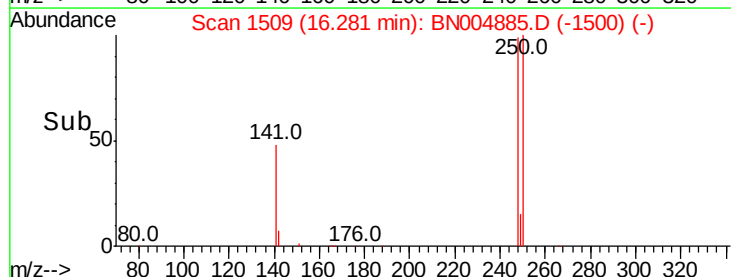
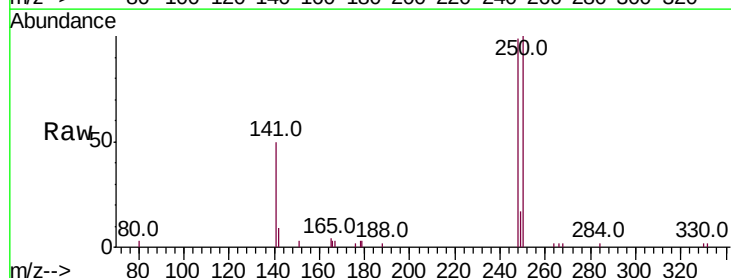
Tgt Ion:248 Resp: 3147

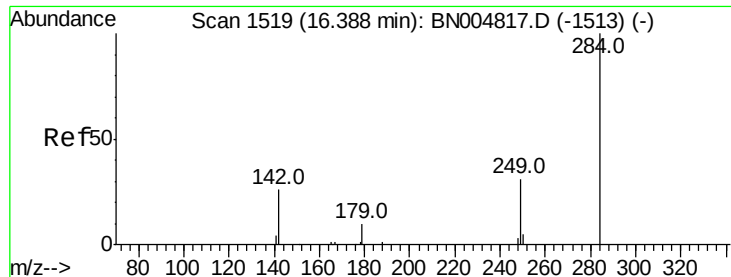
Ion Ratio Lower Upper

248 100

250 100.9 76.2 114.4

141 50.7 53.9 80.9#

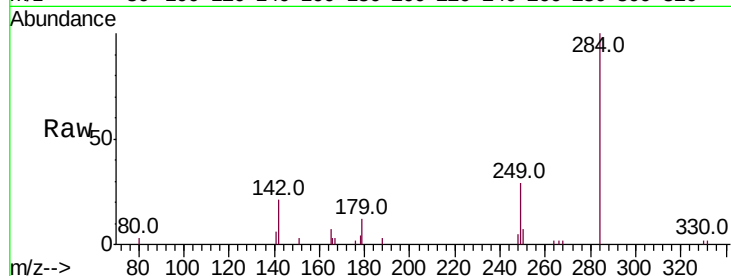




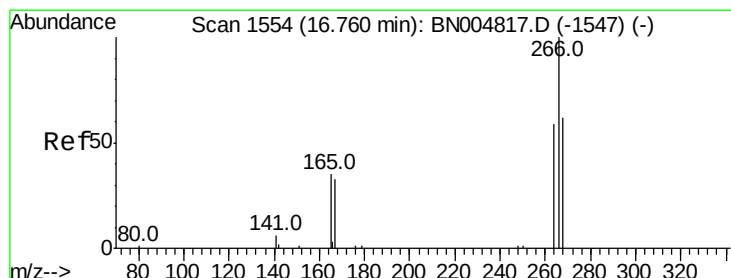
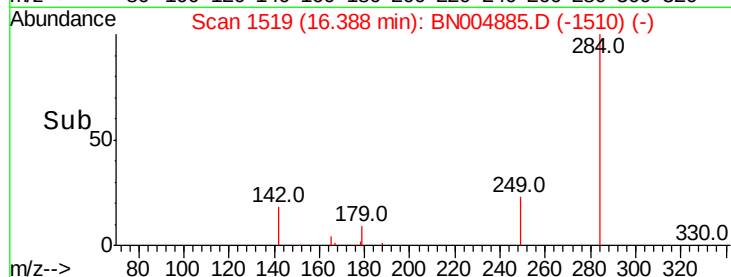
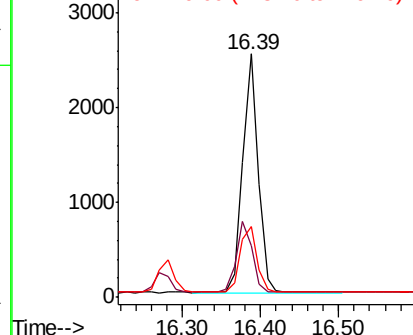
#21
Hexachlorobenzene
Concen: 0.278 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tot Ion:284 Resp: 3462
Ion Ratio Lower Upper
284 100
142 30.5 22.6 34.0
249 30.0 22.5 33.7

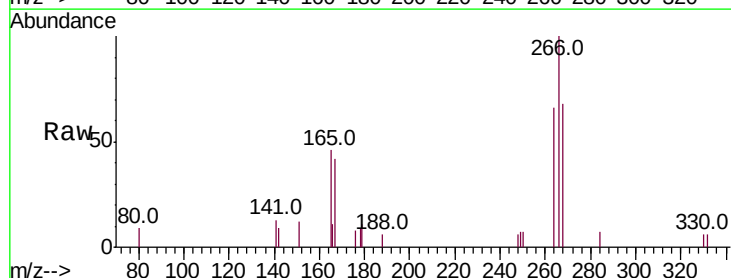


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

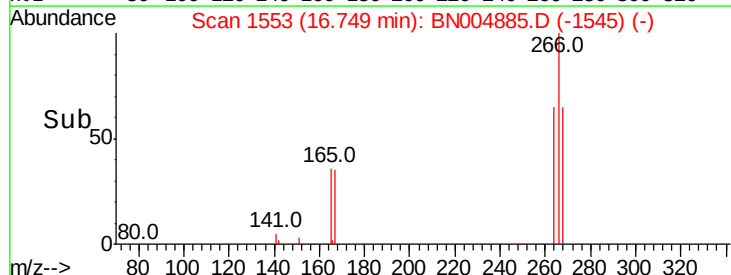
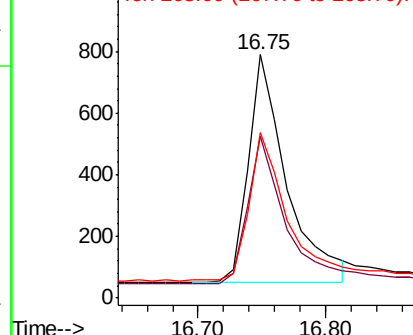


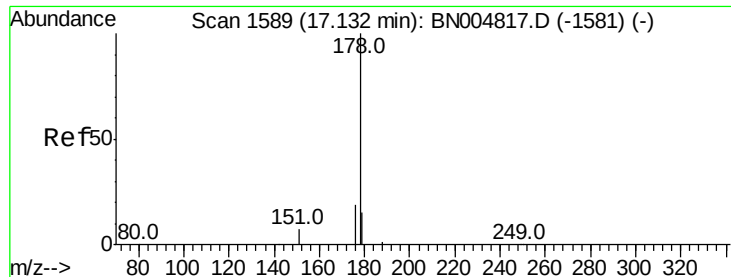
#22
Pentachlorophenol
Concen: 0.632 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:266 Resp: 1537
Ion Ratio Lower Upper
266 100
264 66.5 53.1 79.7
268 67.8 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: 0.372 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

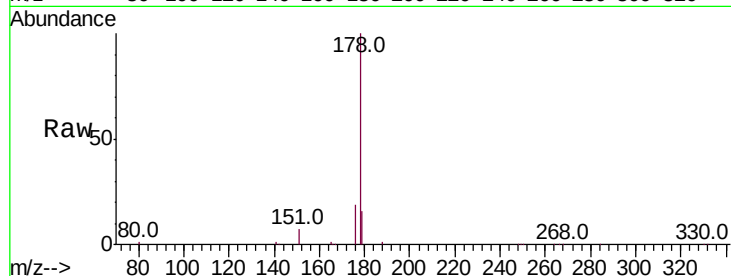
Tot Ion:178 Resp: 19947

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

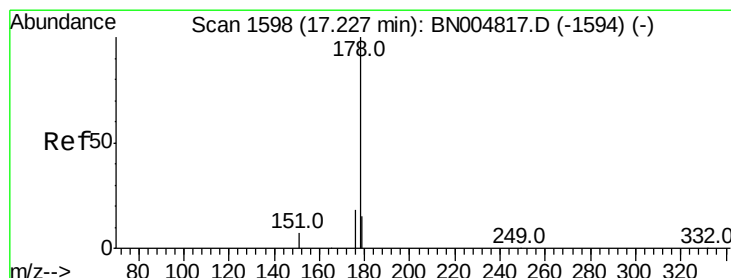
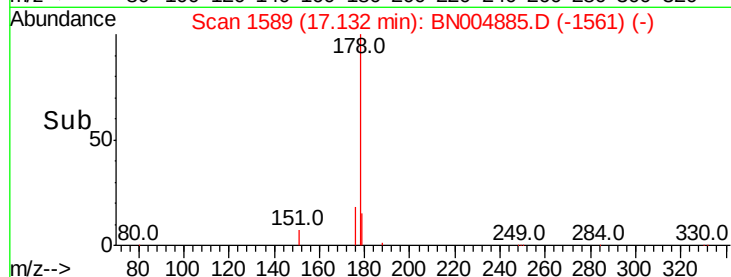
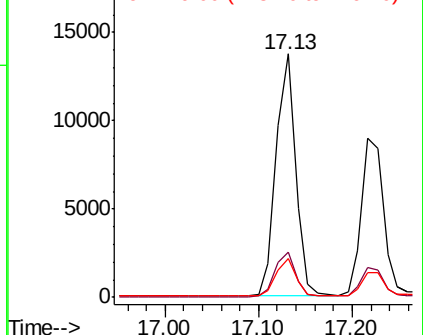
179 15.5 12.1 18.1



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: 0.313 ng

RT: 17.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

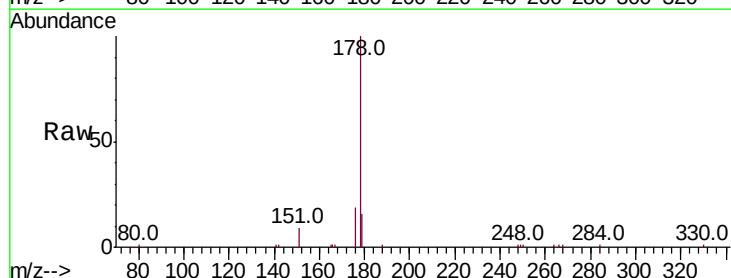
Tgt Ion:178 Resp: 15019

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

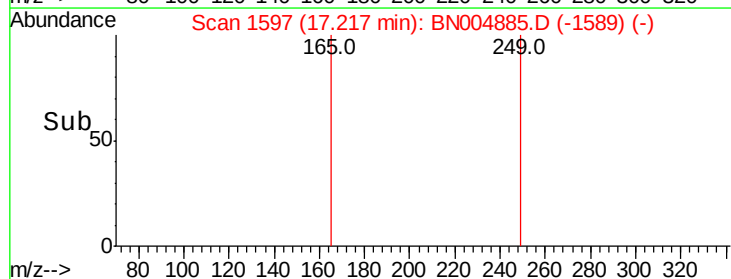
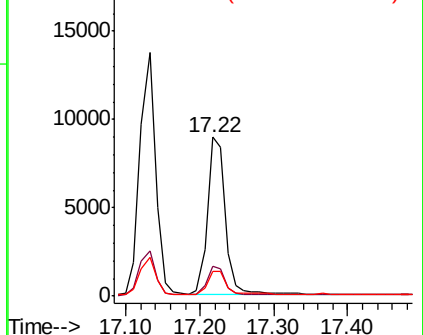
179 14.8 12.2 18.4

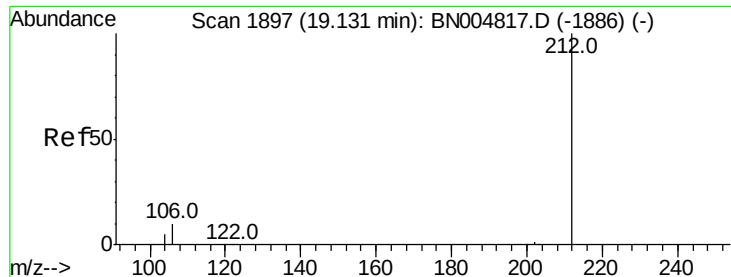


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.288 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

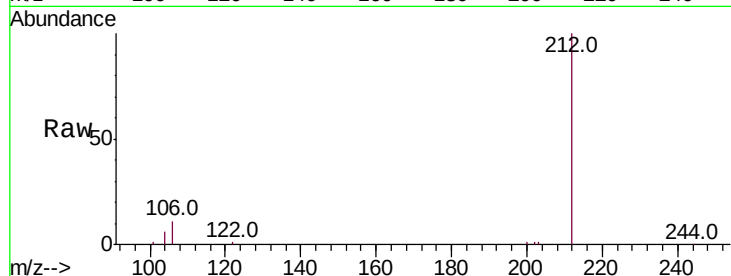
Tot Ion:212 Resp: 16034

Ion Ratio Lower Upper

212 100

106 11.5 8.6 13.0

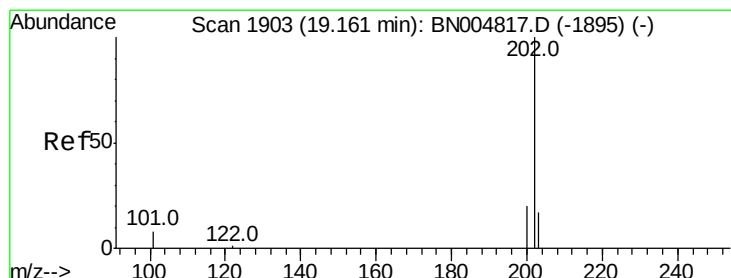
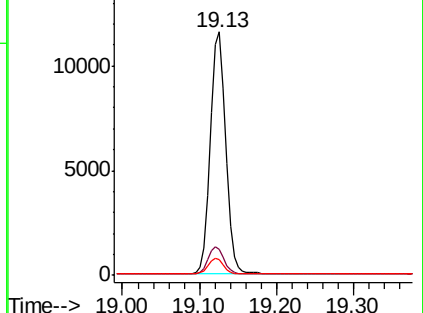
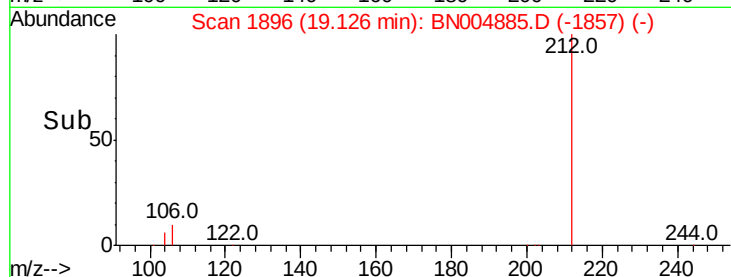
104 6.4 4.7 7.1



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: 0.381 ng

RT: 19.16 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

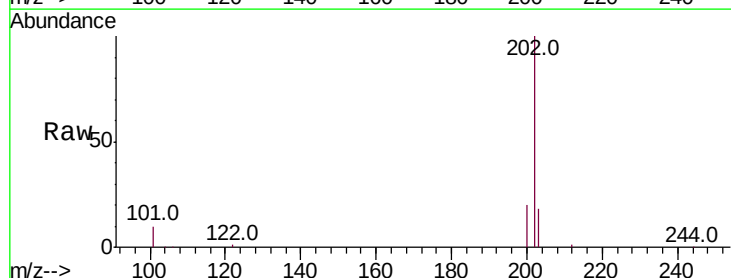
Tgt Ion:202 Resp: 26265

Ion Ratio Lower Upper

202 100

101 9.9 7.5 11.3

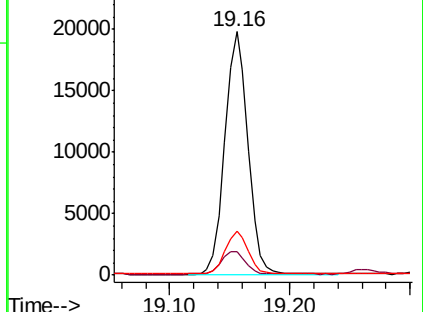
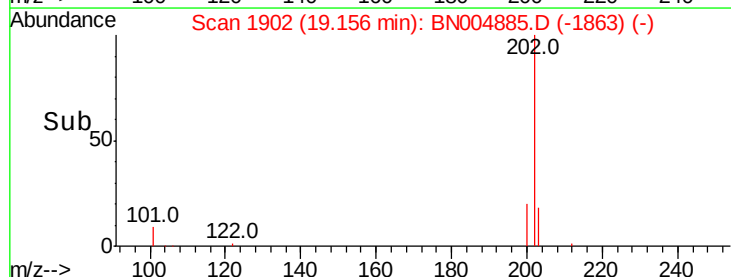
203 17.4 13.8 20.6

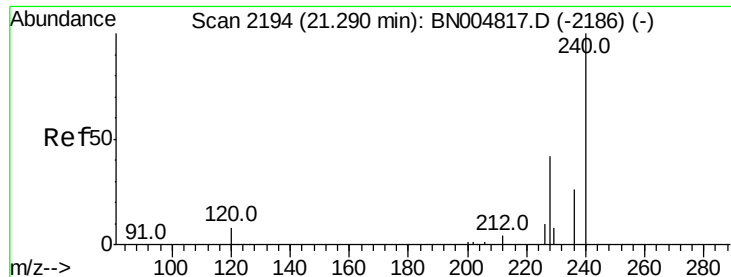


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

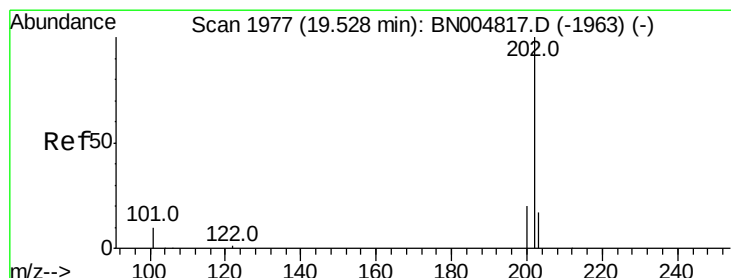
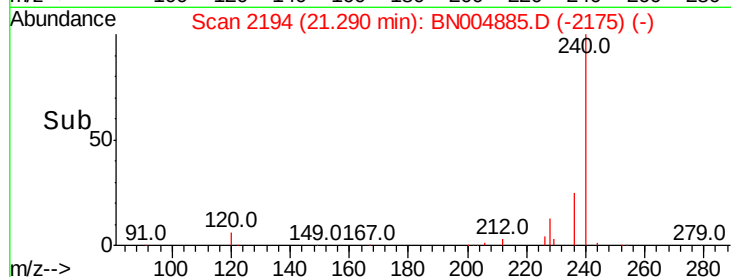
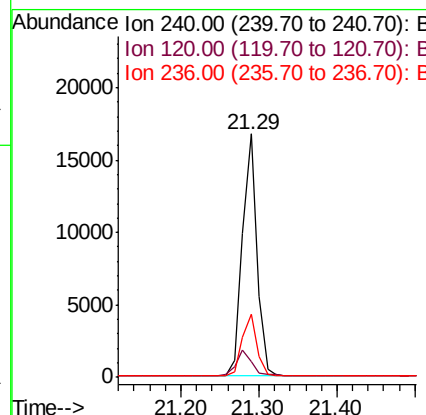
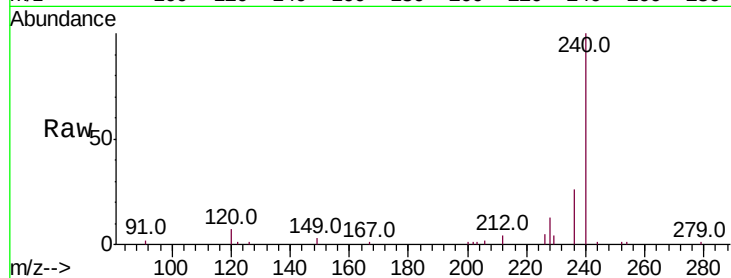




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

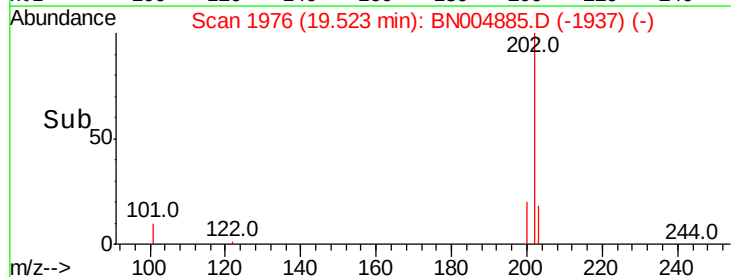
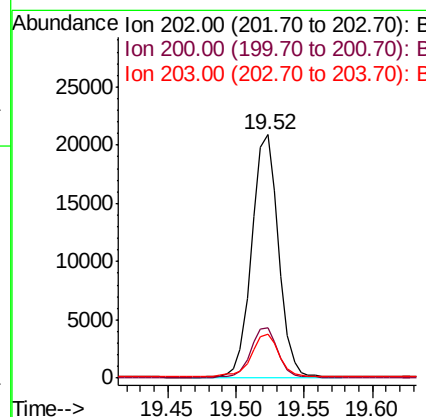
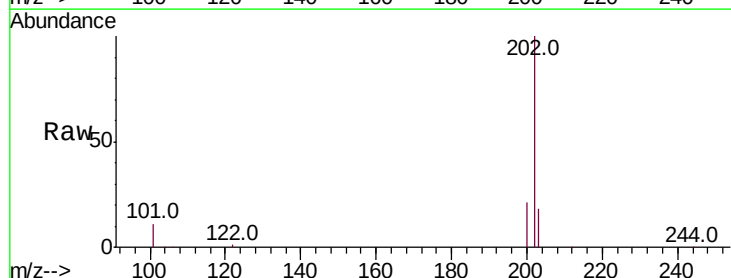
Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

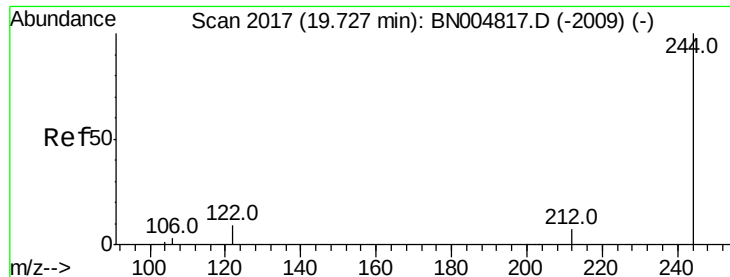
Tot Ion:240 Resp: 21715
Ion Ratio Lower Upper
240 100
120 6.7 7.2 10.8#
236 25.9 20.9 31.3



#28
Pyrene
Concen: 0.428 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:202 Resp: 28323
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 18.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.284 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

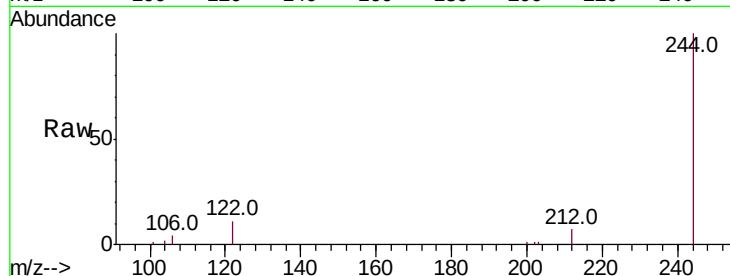
Tot Ion:244 Resp: 12620

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

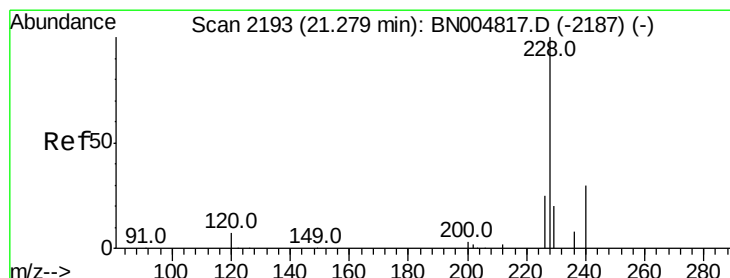
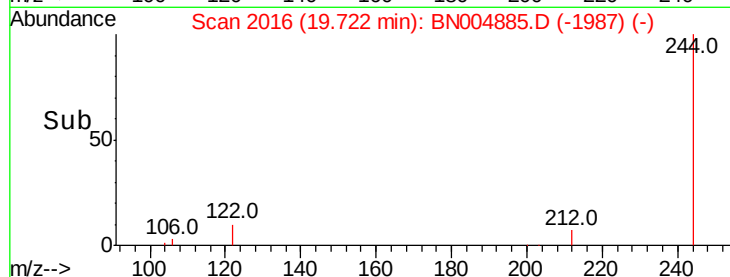
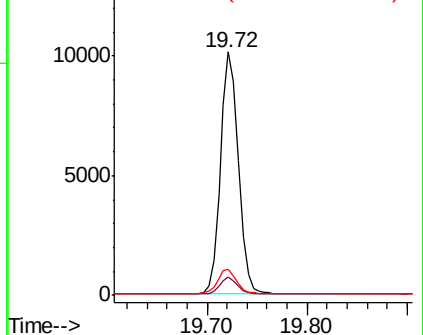
122 10.6 7.9 11.9



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: 0.359 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

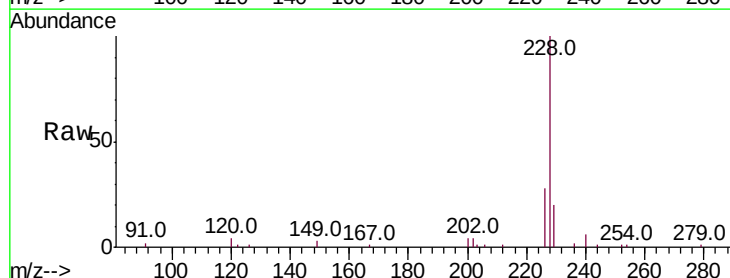
Tgt Ion:228 Resp: 25575

Ion Ratio Lower Upper

228 100

226 27.7 20.6 31.0

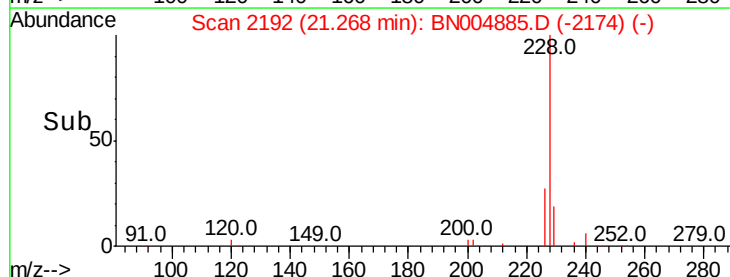
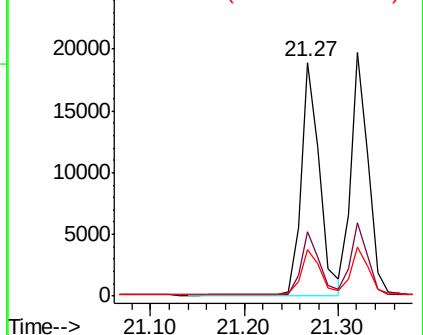
229 19.9 16.2 24.4

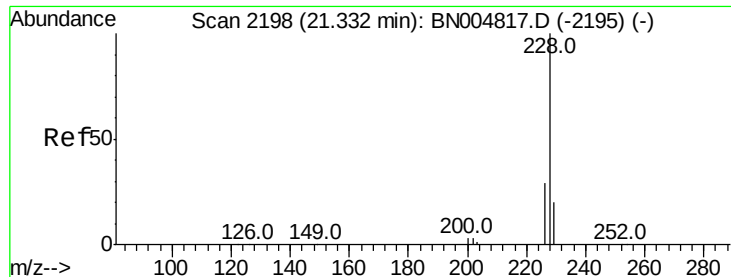


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.337 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

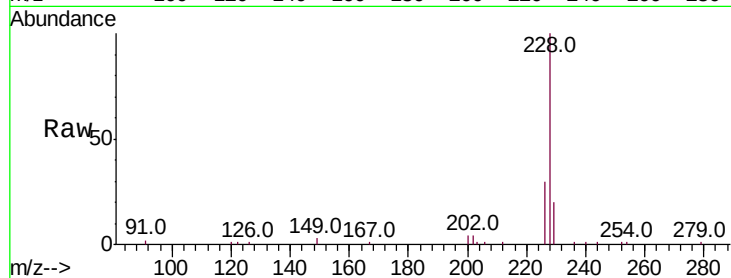
BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

Tot Ion:228 Resp: 25246

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.6
229	20.2	16.2	24.2

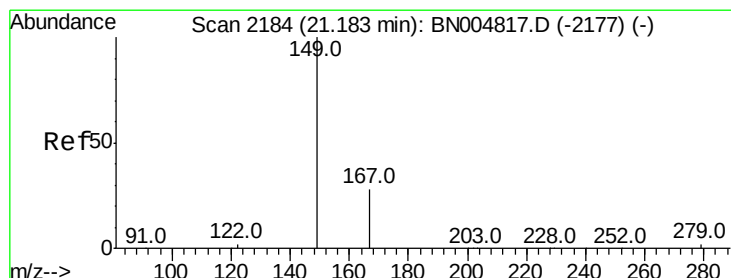
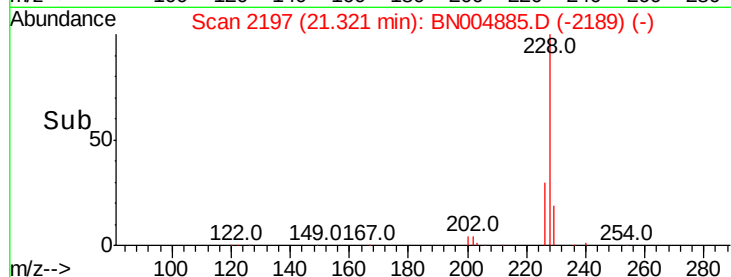
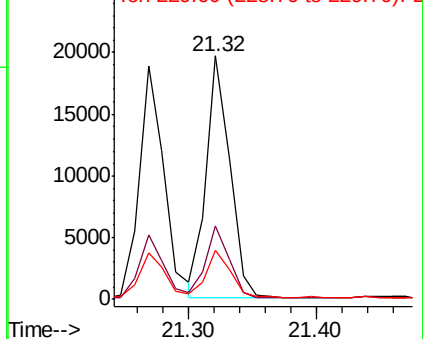


Abundance

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: 0.474 ng

RT: 21.18 min Scan# 2184

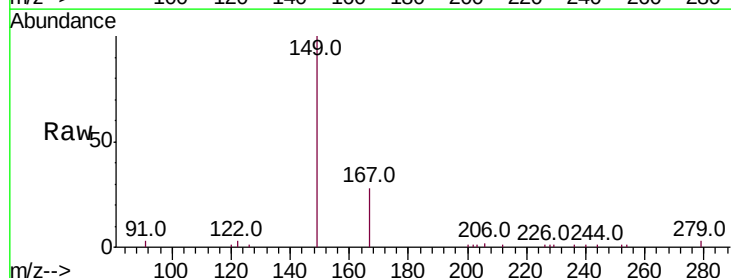
Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Tgt Ion:149 Resp: 13489

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	5.3	4.6	6.8

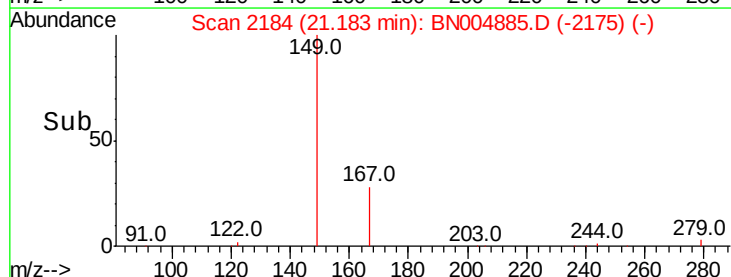
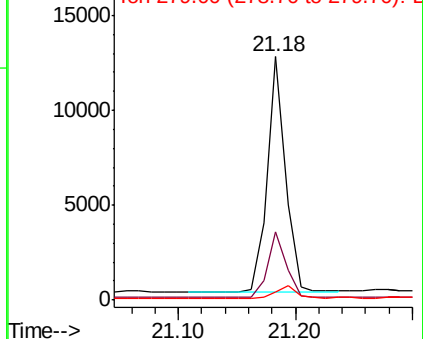


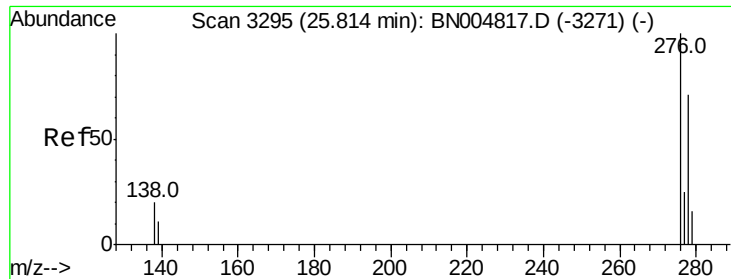
Abundance

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: 0.226 ng

RT: 25.81 min Scan# 3293

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

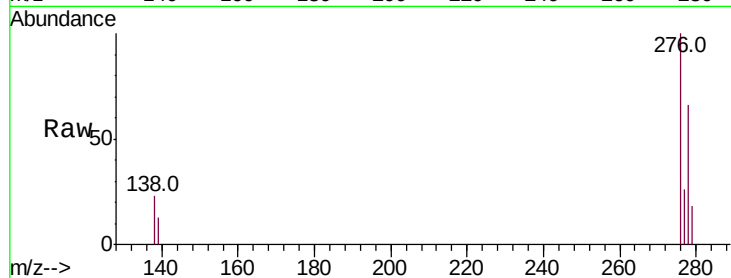
Tot Ion:276 Resp: 24535

Ion Ratio Lower Upper

276 100

138 22.4 16.6 24.8

277 25.2 20.3 30.5

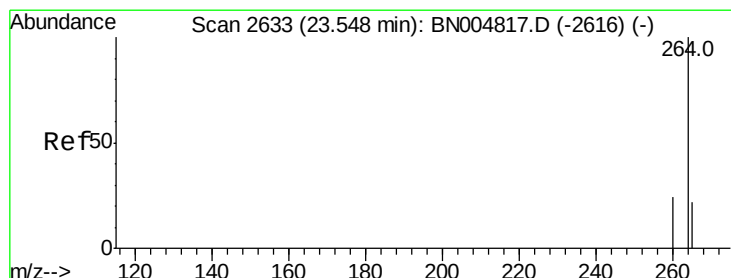
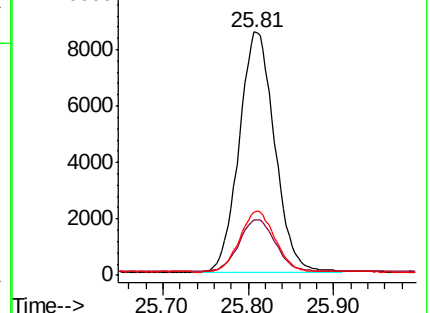
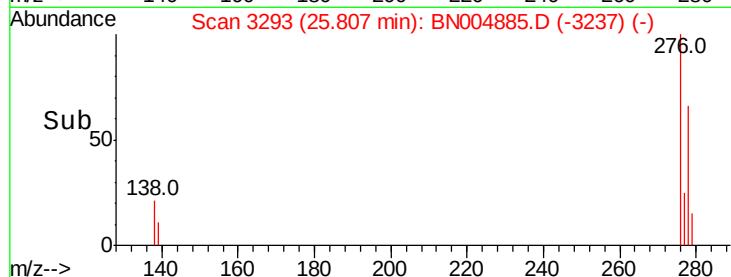


Abundance

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: 23.54 min Scan# 2631

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

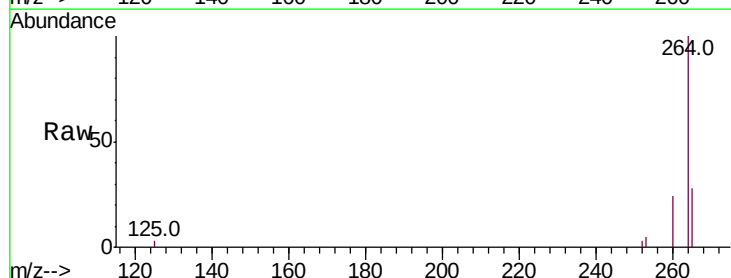
Tgt Ion:264 Resp: 21923

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 27.7 23.1 34.7

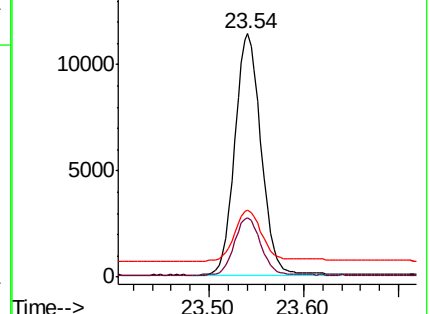
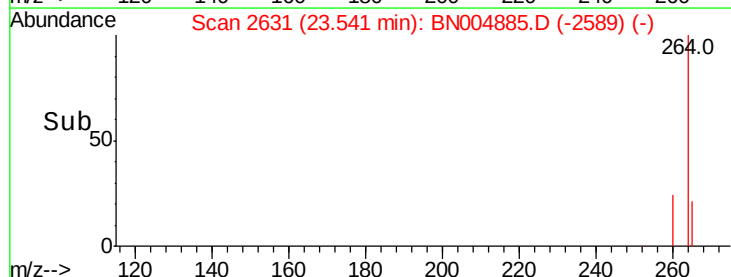


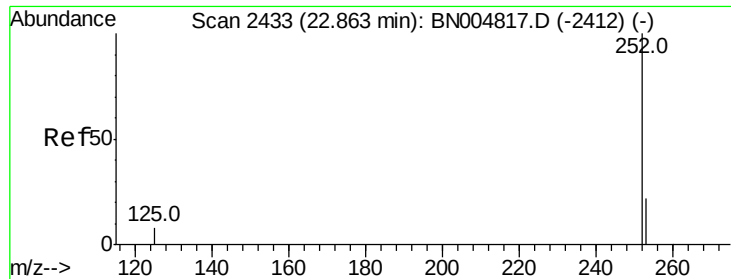
Abundance

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: 0.306 ng

RT: 22.90 min Scan# 2445

Delta R.T. 0.04 min

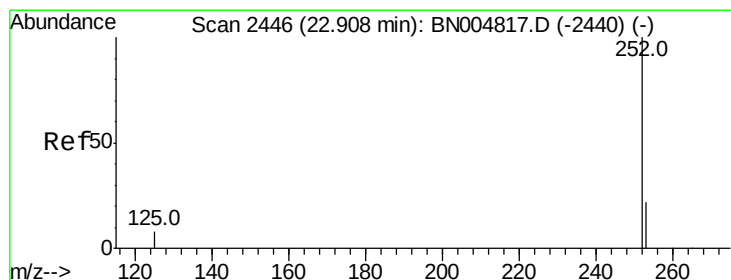
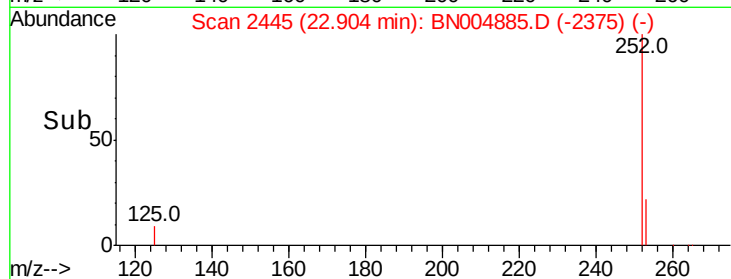
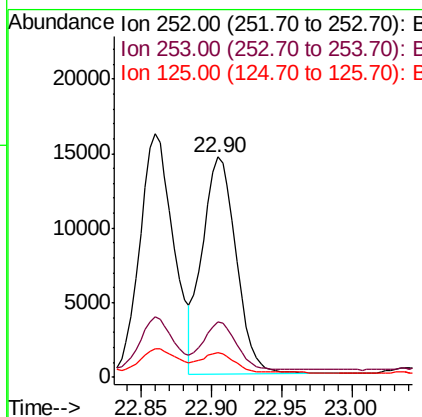
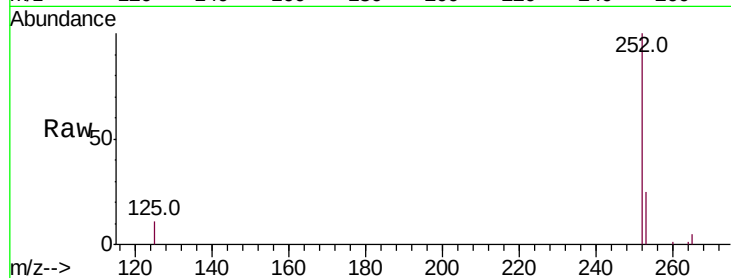
Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tot Ion:252 Resp: 24262

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.0	28.4
125	11.1	7.4	11.2



#36

Benzo(k)fluoranthene

Concen: 0.312 ng

RT: 22.90 min Scan# 2445

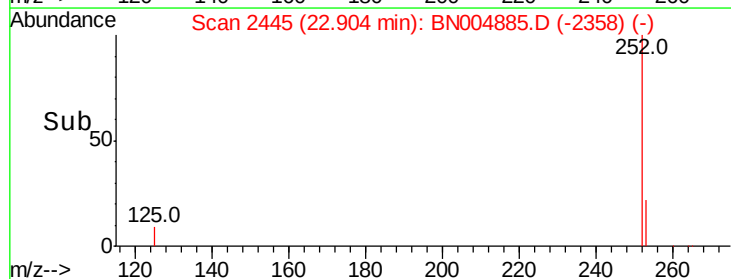
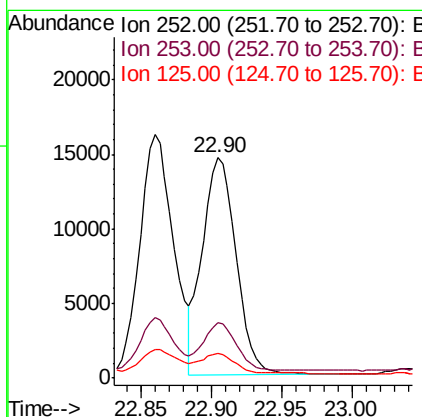
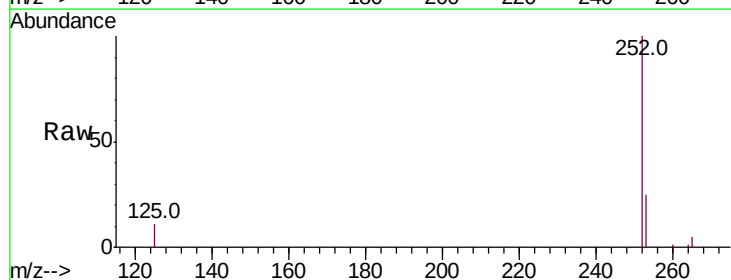
Delta R.T. -0.00 min

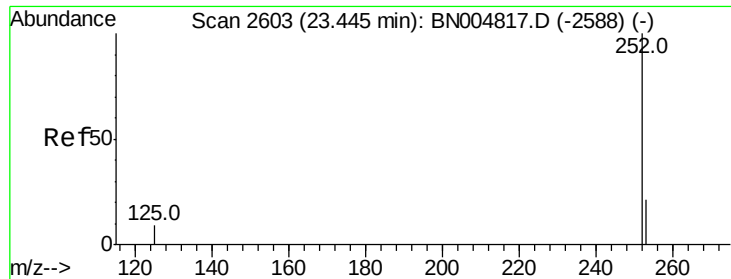
Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Tgt Ion:252 Resp: 24345

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.3	28.9
125	11.1	7.4	11.0#





#37

Benzo(a)pyrene

Concen: 0.327 ng

RT: 23.44 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD

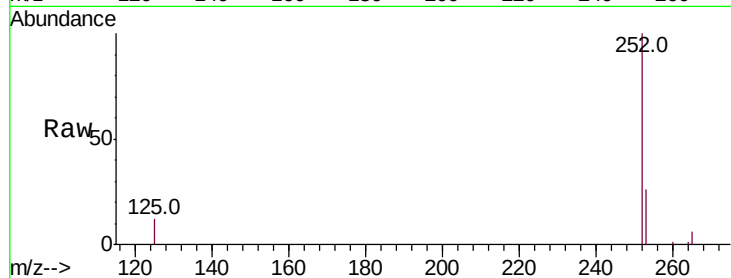
Tot Ion:252 Resp: 23815

Ion Ratio Lower Upper

252 100

253 25.5 19.7 29.5

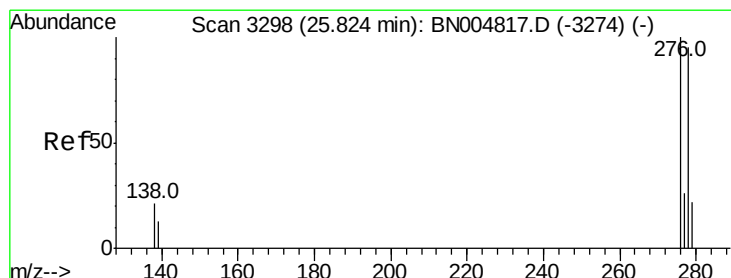
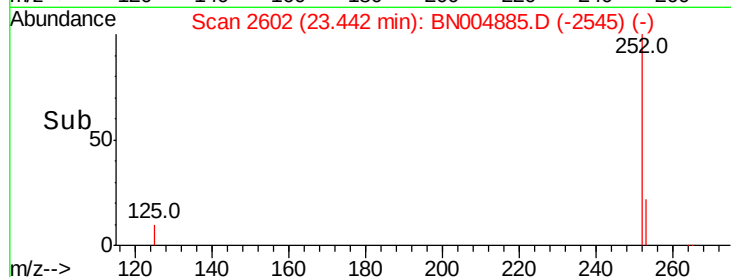
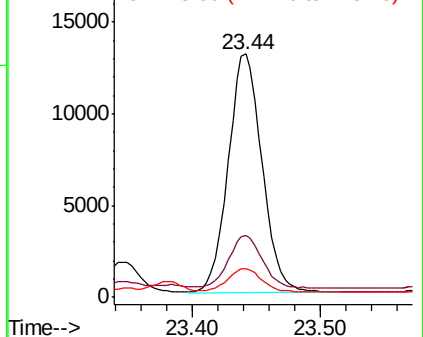
125 11.7 8.3 12.5



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: 0.229 ng

RT: 25.82 min Scan# 3297

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

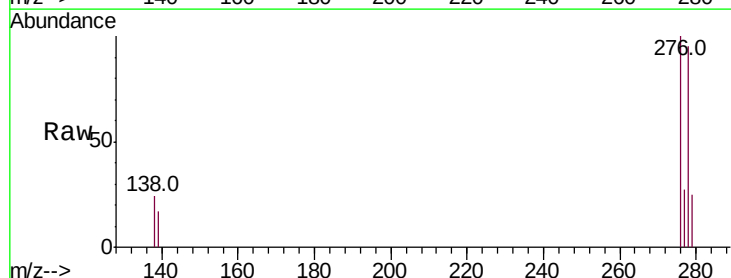
Tgt Ion:278 Resp: 19324

Ion Ratio Lower Upper

278 100

139 17.8 11.7 17.5#

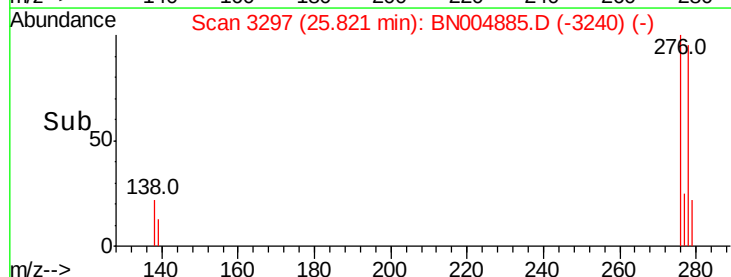
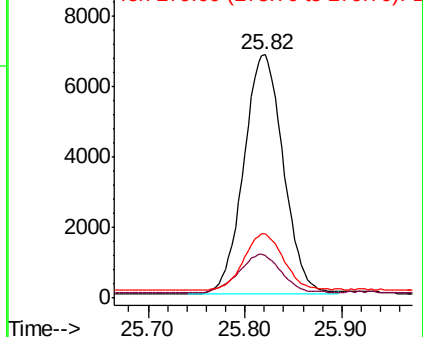
279 26.4 19.9 29.9

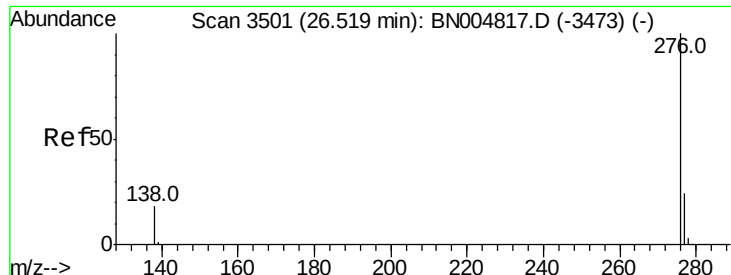


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.244 ng

RT: 26.51 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BN004885.D

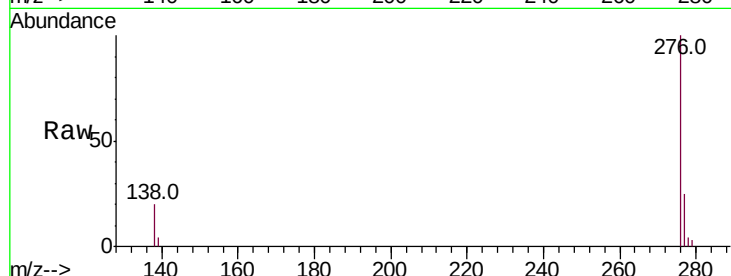
Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MSD



Tot Ion:276 Resp: 20949

Ion Ratio Lower Upper

276 100

277 25.0 19.7 29.5

138 20.3 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

