

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007870.D
 Acq On : 26 Sep 2019 02:07
 Operator : JU
 Sample : K4994-13 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-B239-091919-1

Quant Time: Sep 26 03:55:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	10122	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	37096	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	20750	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	41207	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	42624	0.40	ng	-0.02
34) Perylene-d12	23.46	264	49173	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	1172	0.03	ng	0.00
5) Phenol-d6	6.86	99	1432	0.03	ng	0.00
8) Nitrobenzene-d5	8.83	82	1211	0.04	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	2248	0.04	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	500	0.04	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	3394	0.04	ng	-0.01
25) Fluoranthene-d10	19.09	212	4823	0.03	ng	-0.01
29) Terphenyl-d14	19.70	244	5477	0.05	ng	-0.01

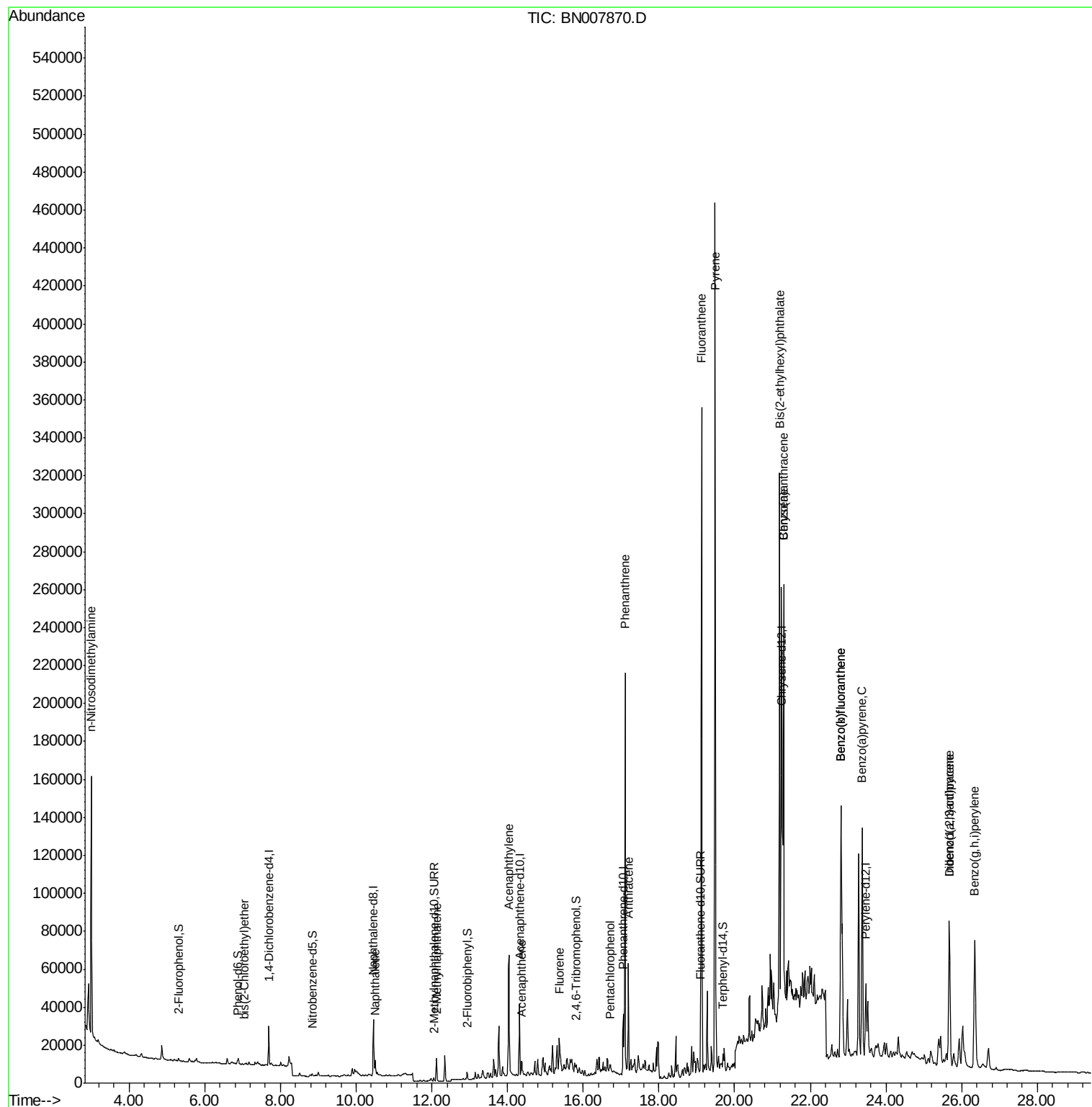
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.00	42	13291	2.572	ng	# 77
6) bis(2-Chloroethyl)ether	7.04	93	1106	0.039	ng	# 21
9) Naphthalene	10.51	128	10460	0.100	ng	96
12) 2-Methylnaphthalene	12.13	142	8918	0.127	ng	98
16) Acenaphthylene	14.04	152	91684	0.833	ng	100
17) Acenaphthene	14.38	154	5170	0.073	ng	# 90
18) Fluorene	15.36	166	17185	0.189	ng	# 78
22) Pentachlorophenol	16.72	266	474	0.047	ng	94
23) Phenanthrene	17.10	178	224656	1.750	ng	100
24) Anthracene	17.19	178	57392	0.495	ng	99
26) Fluoranthene	19.12	202	306363	1.919	ng	99
28) Pyrene	19.49	202	396884	2.730	ng	97
30) Benzo(a)anthracene	21.29	228	214306	1.365	ng	94
31) Chrysene	21.29	228	213508	1.396	ng	97
32) Bis(2-ethylhexyl)phthalate	21.19	149	230447	2.855	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	119006	0.621	ng	97
35) Benzo(b)fluoranthene	22.81	252	228369	1.338	ng	# 96
36) Benzo(k)fluoranthene	22.81	252	228369	1.353	ng	97
37) Benzo(a)pyrene	23.37	252	168203	1.048	ng	97
38) Dibenzo(a,h)anthracene	25.68	278	33656	0.205	ng	# 73
39) Benzo(g,h,i)perylene	26.35	276	141749	0.873	ng	98

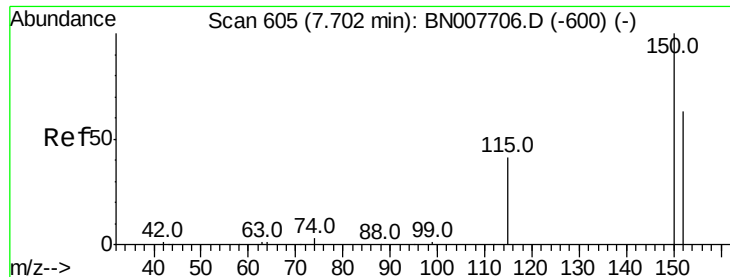
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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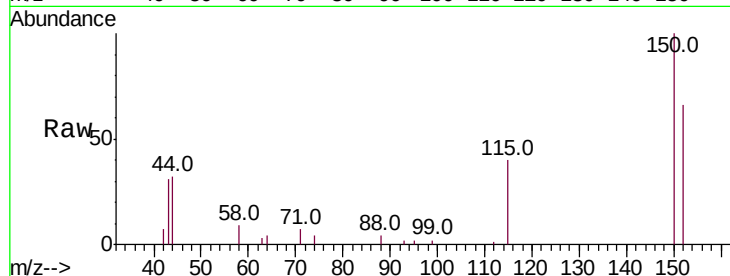


#1

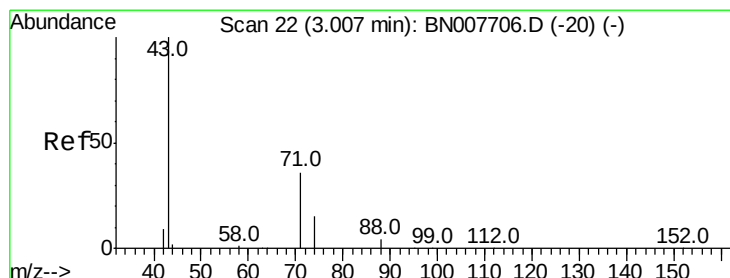
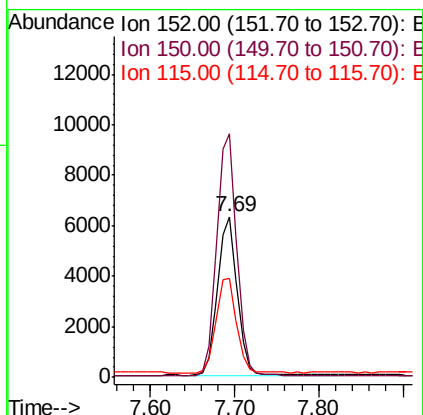
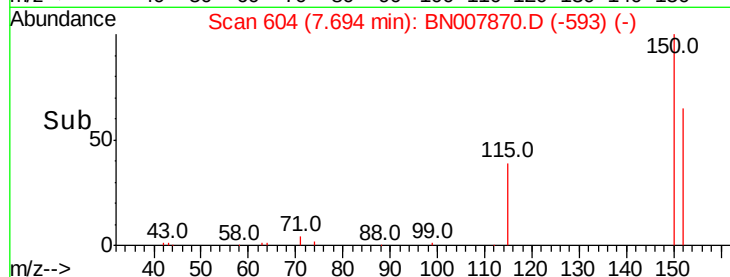
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.69 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BN007870.D
 Acq: 26 Sep 2019 02:07

Instrument :
 BNA_N
 ClientSampleId :
 PST-B239-091919-1

Tot Ion:152 Resp: 10122
 Ion Ratio Lower Upper
 152 100
 150 151.7 125.6 188.4
 115 61.3 53.3 79.9



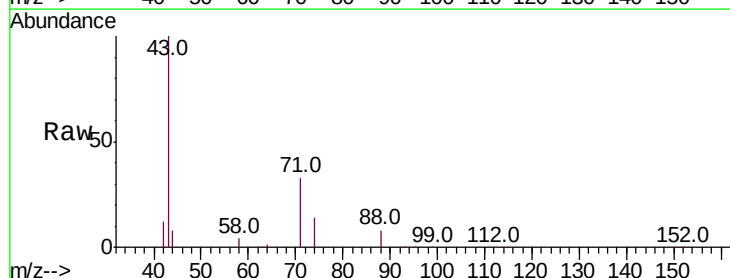
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



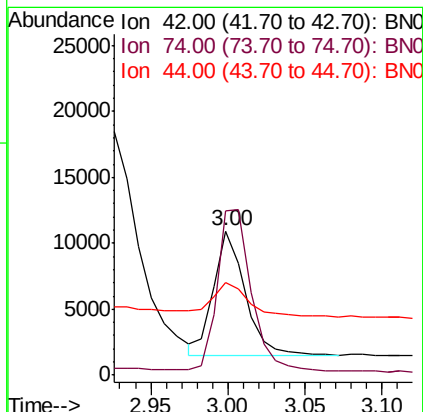
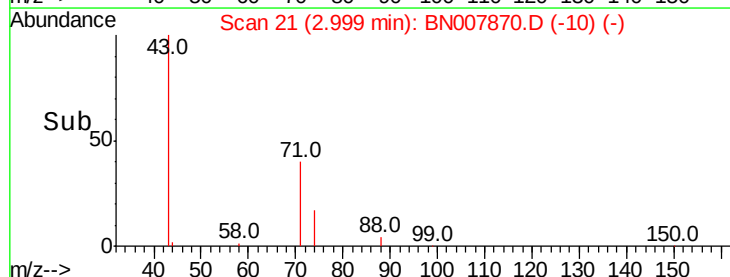
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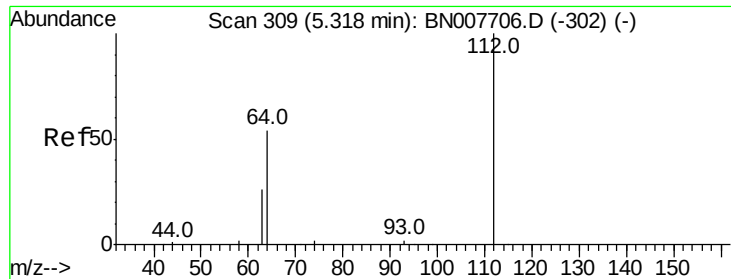
n-Nitrosodimethylamine
 Concen: 2.572 ng
 RT: 3.00 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: BN007870.D
 Acq: 26 Sep 2019 02:07

Tgt Ion: 42 Resp: 13291
 Ion Ratio Lower Upper
 42 100
 74 139.5 87.9 131.9#
 44 31.2 29.4 44.0



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: 0.034 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

BNA_N

ClientSampleId :

PST-B239-091919-1

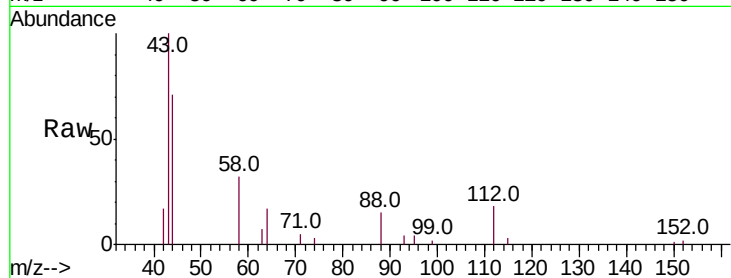
Tot Ion:112 Resp: 1172

Ion Ratio Lower Upper

112 100

64 54.2 46.6 70.0

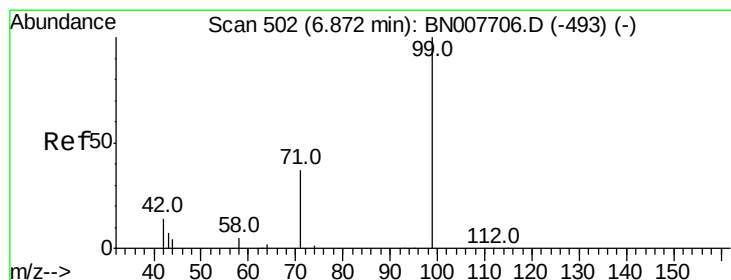
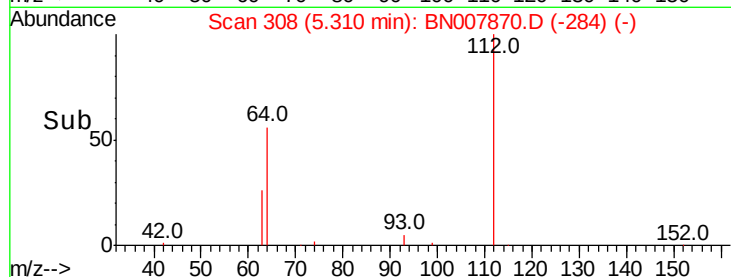
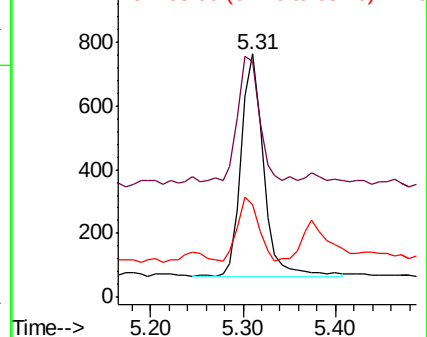
63 26.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.027 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

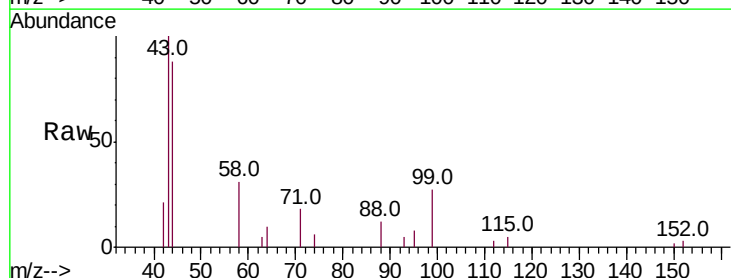
Tgt Ion: 99 Resp: 1432

Ion Ratio Lower Upper

99 100

42 30.0 12.8 19.2#

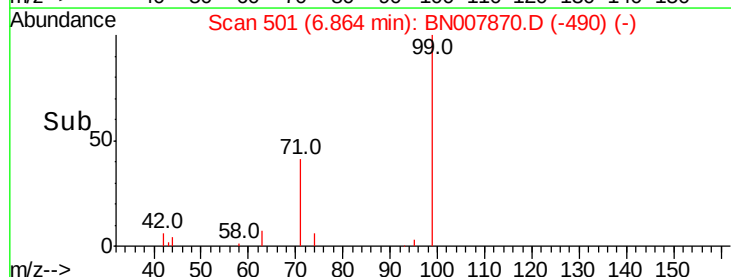
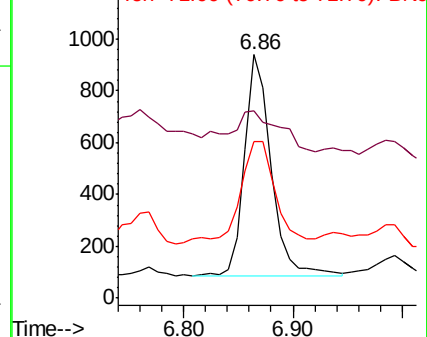
71 64.2 27.6 41.4#

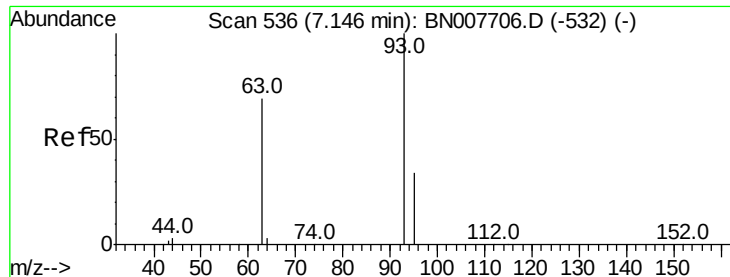


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.039 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.10 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

BNA_N

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PST-B239-091919-1

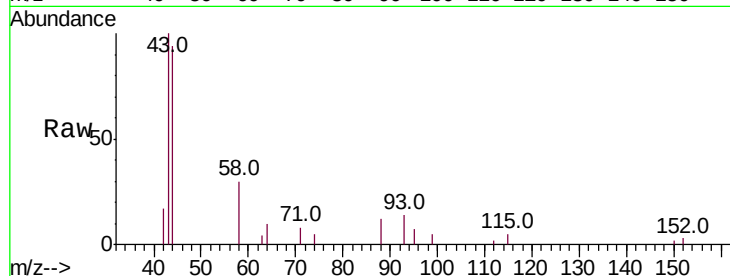
Tot Ion: 93 Resp: 1106

Ion Ratio Lower Upper

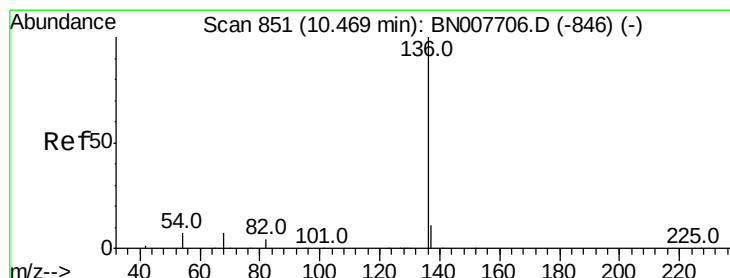
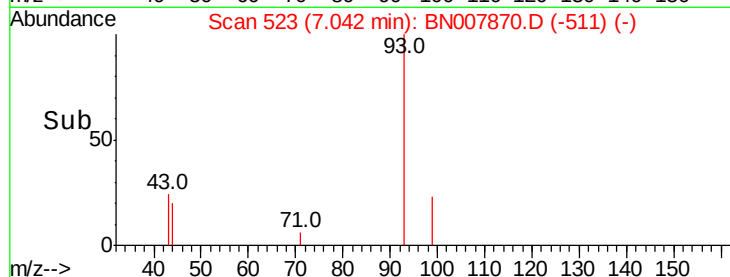
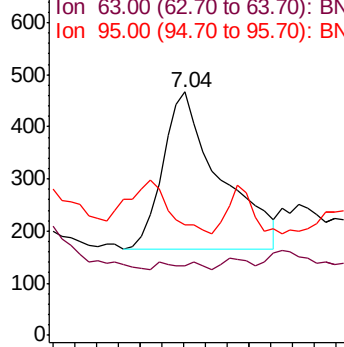
93 100

63 1.1 59.3 88.9#

95 0.0 31.4 47.0#



Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Tgt Ion: 136 Resp: 37096

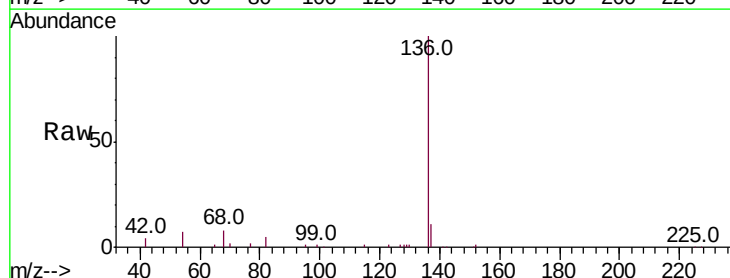
Ion Ratio Lower Upper

136 100

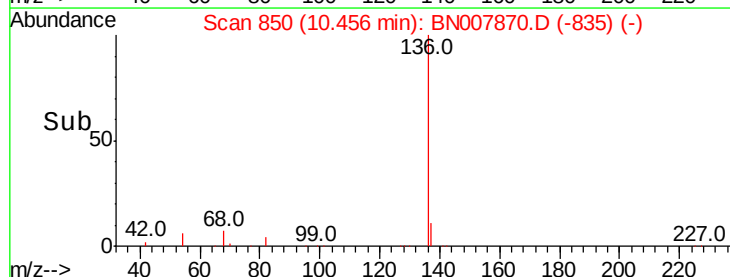
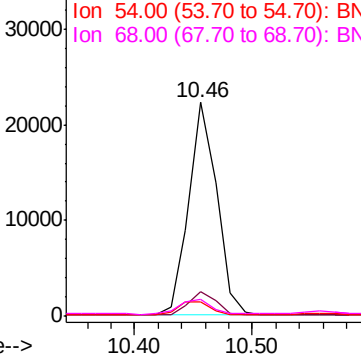
137 11.3 9.2 13.8

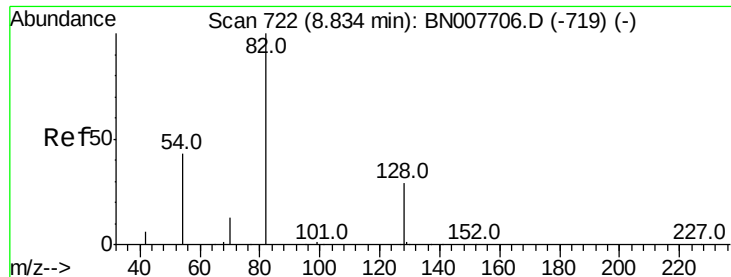
54 6.7 5.8 8.8

68 7.6 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

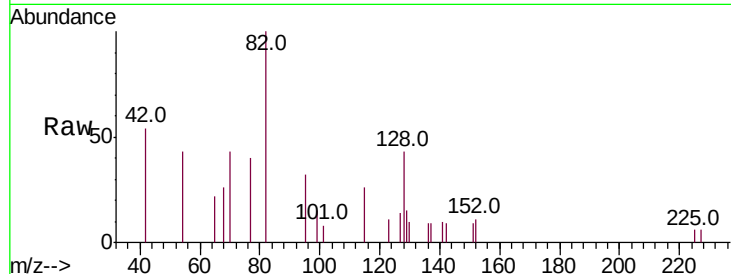




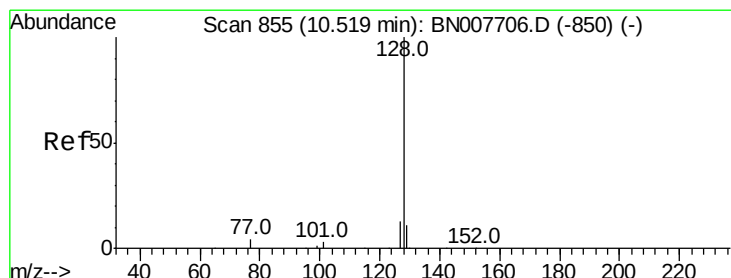
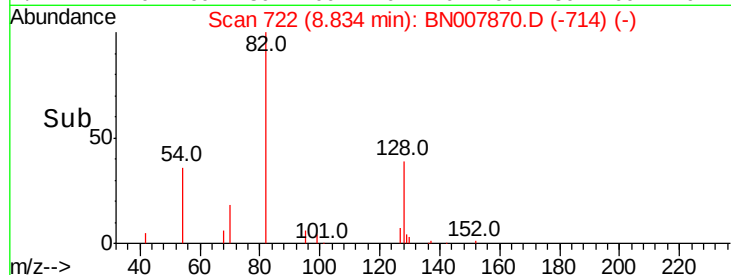
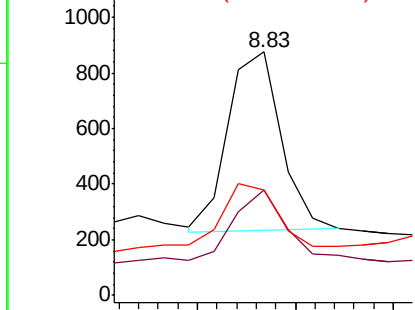
#8
 Nitrobenzene-d5
 Concen: 0.037 ng
 RT: 8.83 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BN007870.D
 Acq: 26 Sep 2019 02:07

Instrument :
 BNA_N
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 PST-B239-091919-1

Tot Ion	82	Resp	1211
Ion Ratio	Lower	Upper	
82	100		
128	43.0	24.5	36.7#
54	43.0	35.2	52.8

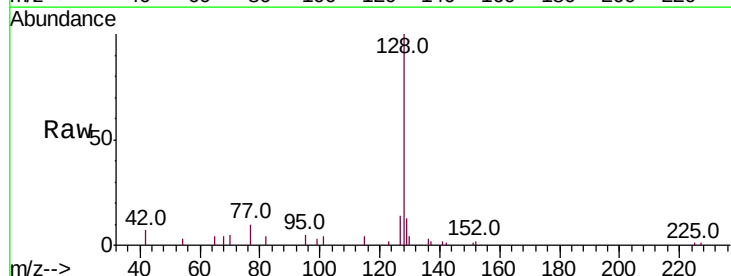


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

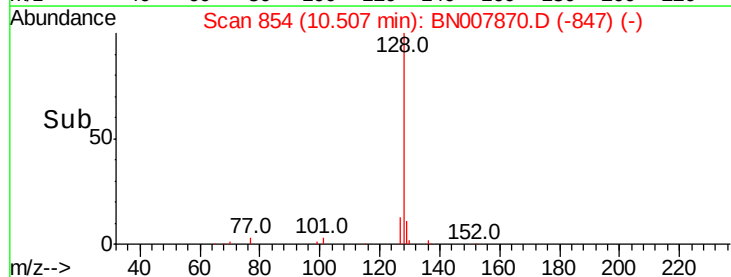
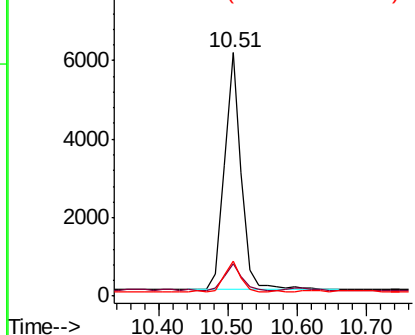


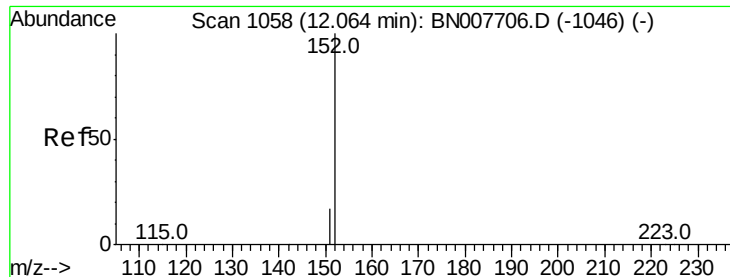
#9
 Naphthalene
 Concen: 0.100 ng
 RT: 10.51 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BN007870.D
 Acq: 26 Sep 2019 02:07

Tgt Ion	128	Resp	10460
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
128	100		
129	13.3	9.1	13.7
127	14.4	10.6	15.8



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

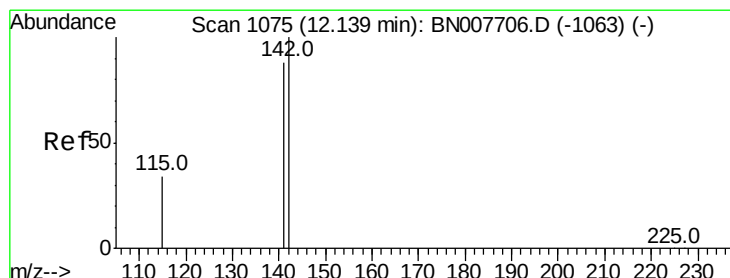
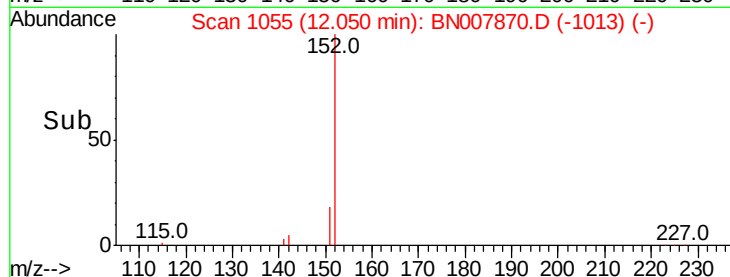
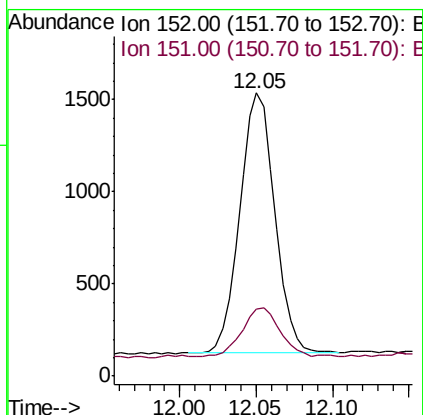
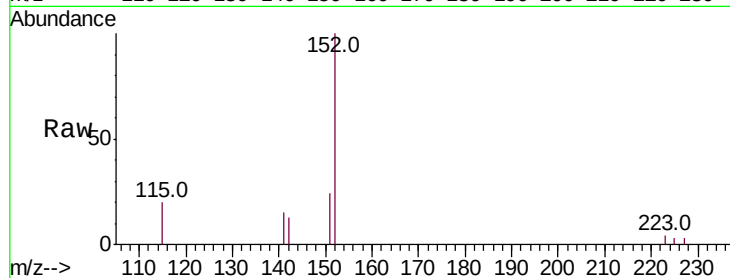




#11
 2-Methylnaphthalene-d10
 Concen: 0.036 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007870.D
 Acq: 26 Sep 2019 02:07

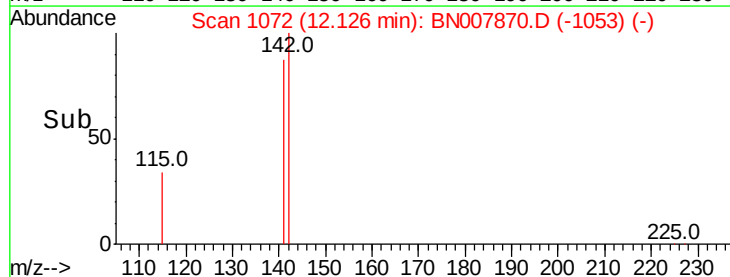
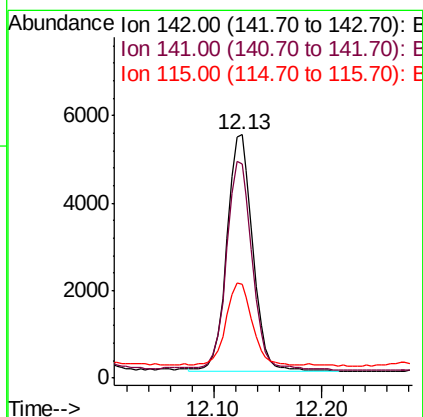
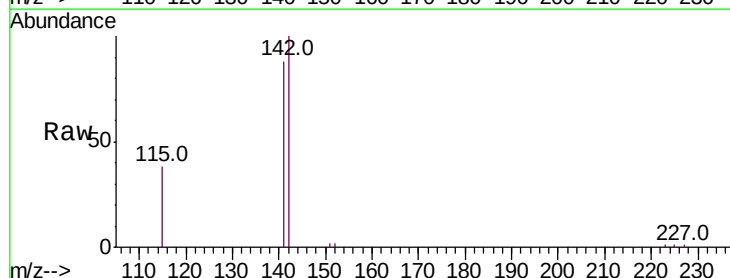
Instrument :
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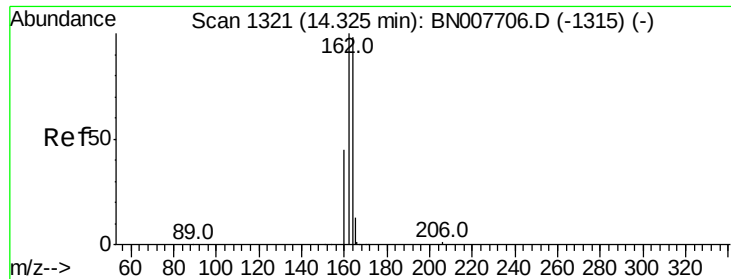
Tot Ion:152 Resp: 2248
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.127 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007870.D
 Acq: 26 Sep 2019 02:07

Tgt Ion:142 Resp: 8918
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.6 106.0
 115 38.4 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

BNA_N

ClientSampleId :

PST-B239-091919-1

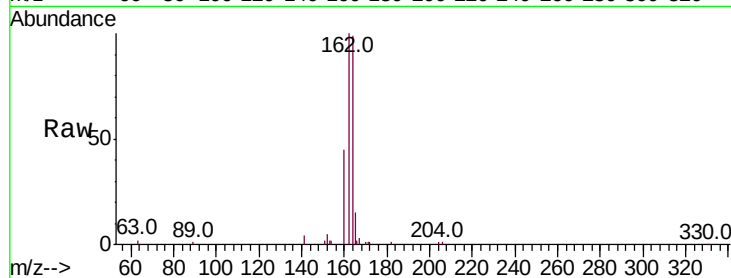
Tot Ion:164 Resp: 20750

Ion Ratio Lower Upper

164 100

162 101.3 81.7 122.5

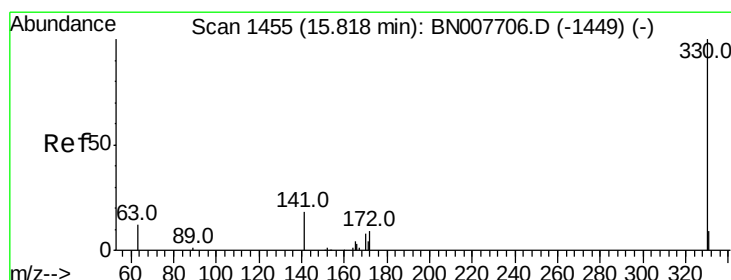
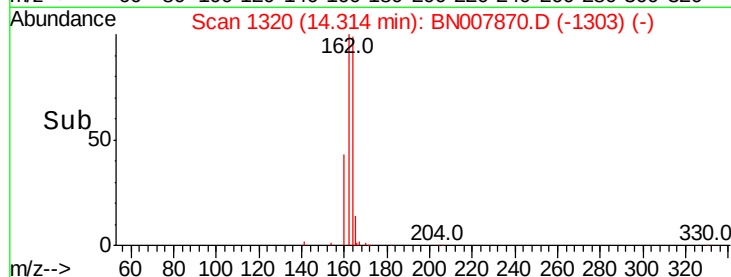
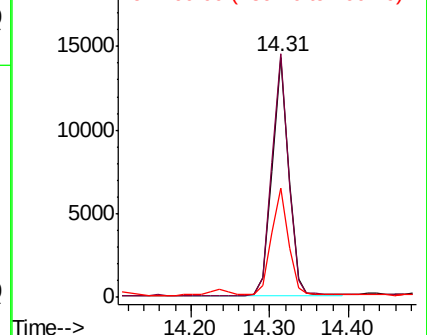
160 45.5 37.0 55.4



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: 0.044 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

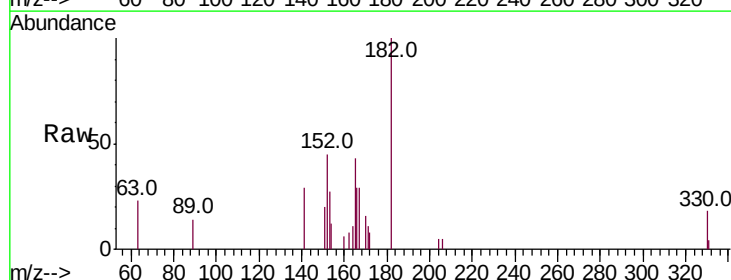
Tgt Ion:330 Resp: 500

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

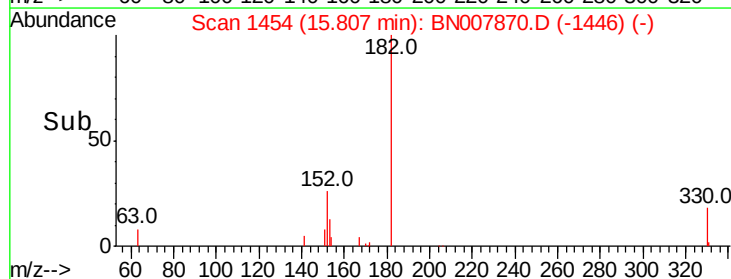
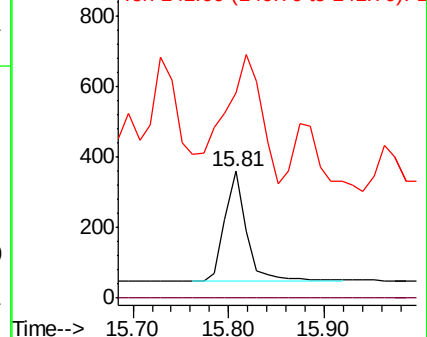
141 196.6 28.7 43.1#

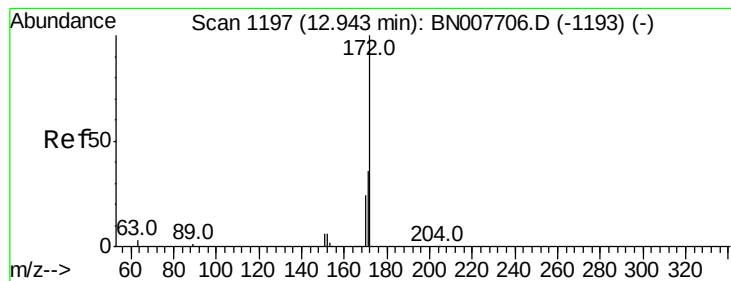


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.040 ng

RT: 12.93 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BN007870.D

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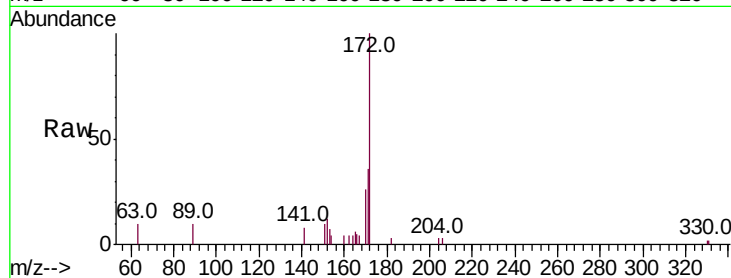
Tot Ion:172 Resp: 3394

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

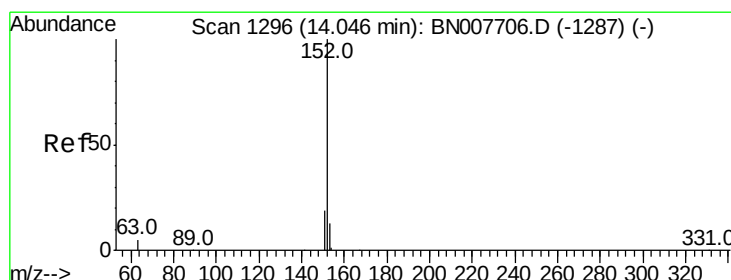
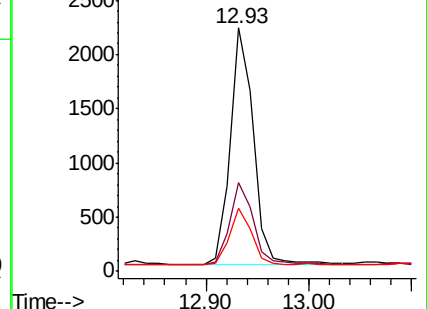
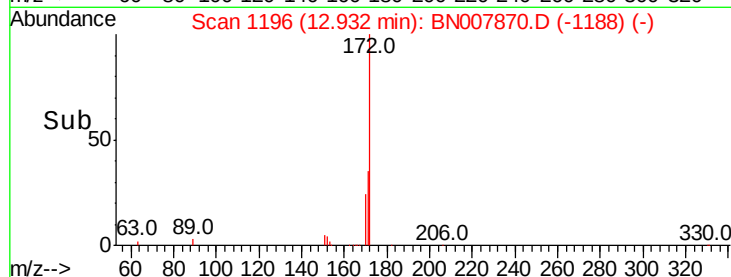
170 26.0 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.833 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

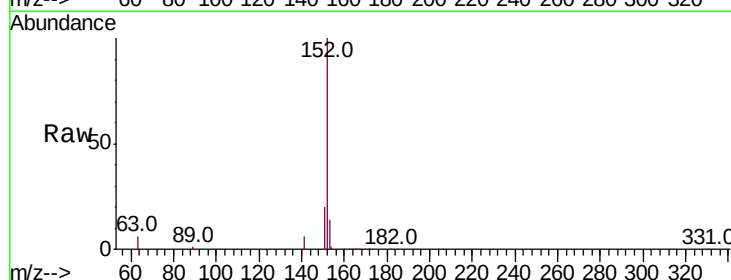
Tgt Ion:152 Resp: 91684

Ion Ratio Lower Upper

152 100

151 19.4 15.5 23.3

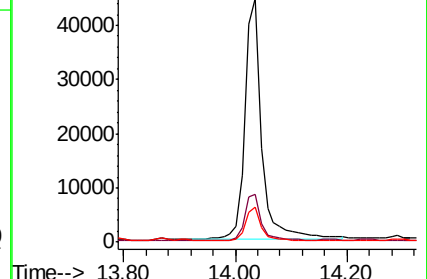
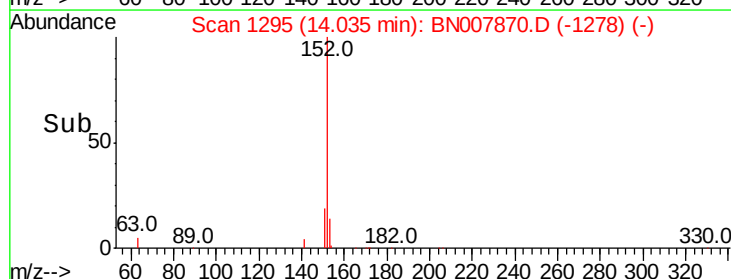
153 12.8 10.4 15.6

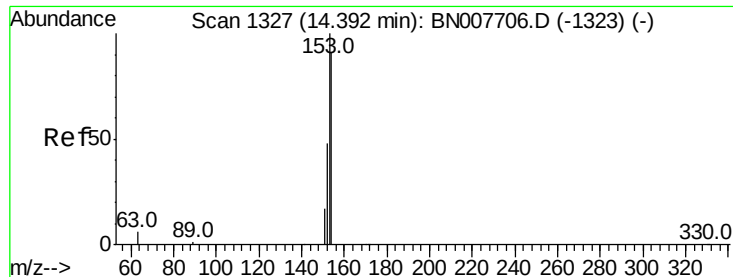


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.073 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

BNA_N

ClientSampleId :

PST-B239-091919-1

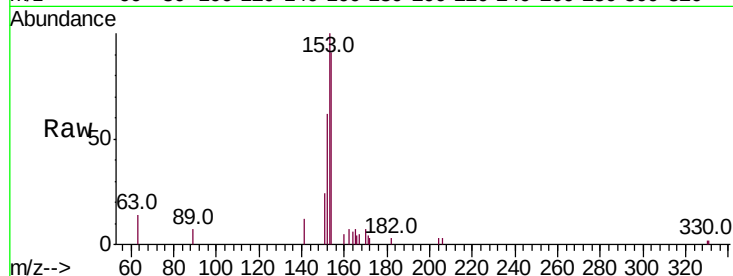
Tot Ion:154 Resp: 5170

Ion Ratio Lower Upper

154 100

153 107.4 87.0 130.4

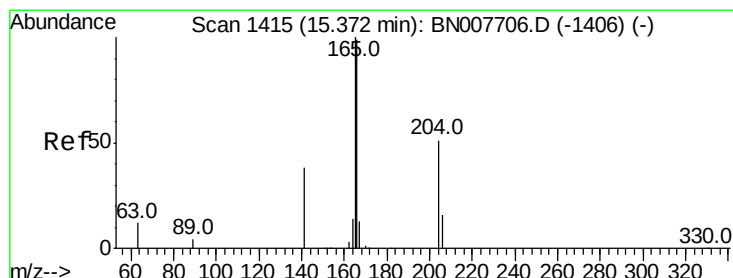
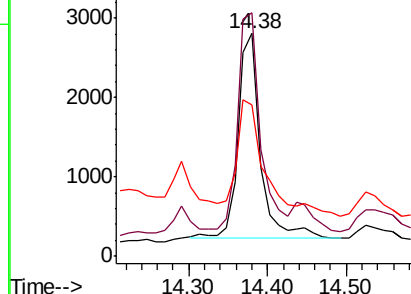
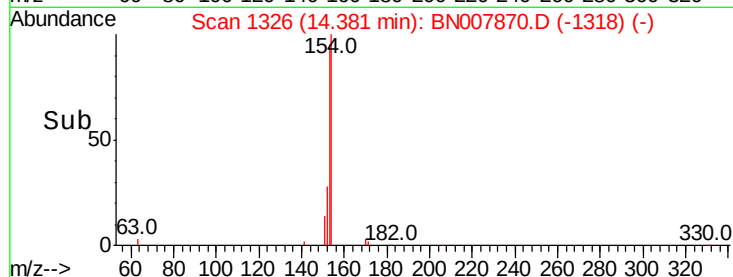
152 73.1 42.7 64.1#



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: 0.189 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

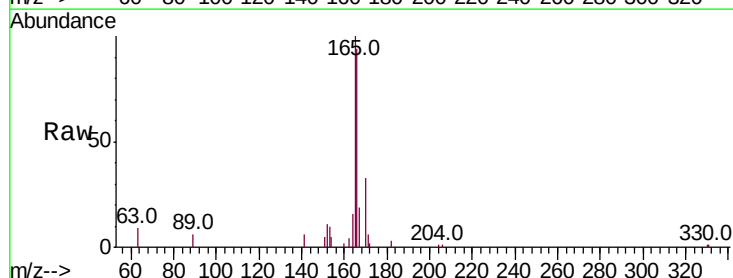
Tgt Ion:166 Resp: 17185

Ion Ratio Lower Upper

166 100

165 120.4 78.0 117.0#

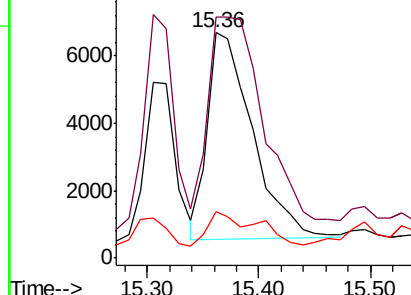
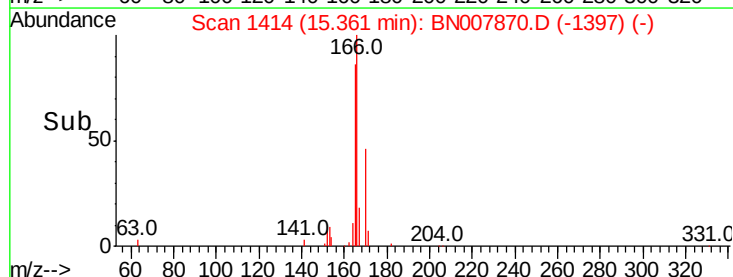
167 18.1 10.9 16.3#

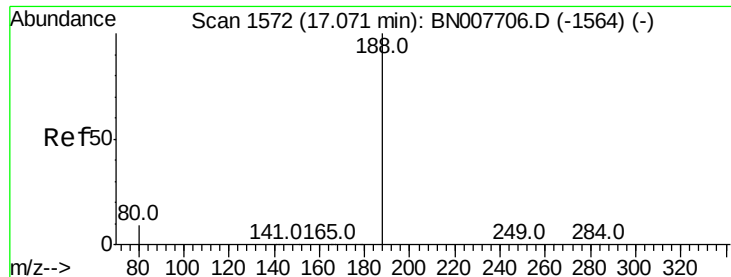


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

BNA_N

ClientSampleId :

PST-B239-091919-1

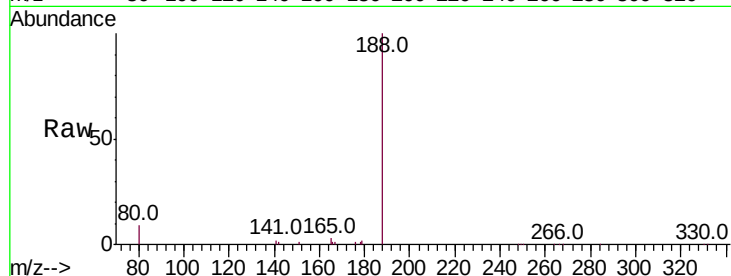
Tot Ion:188 Resp: 41207

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

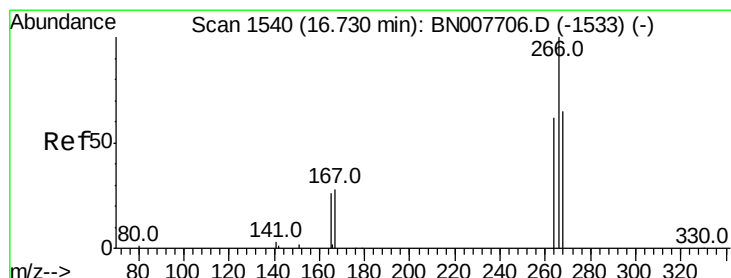
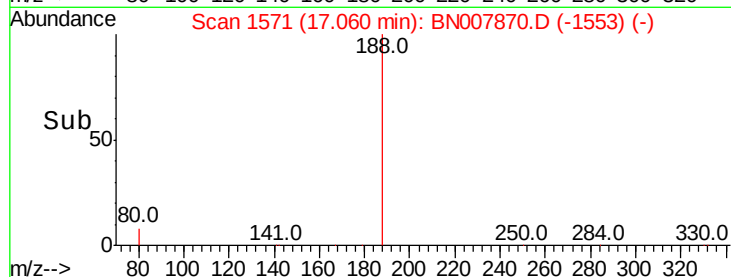
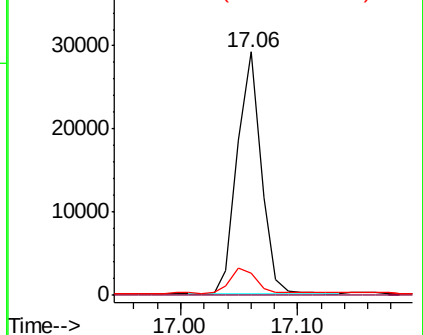
80 9.1 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#22

Pentachlorophenol

Concen: 0.047 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

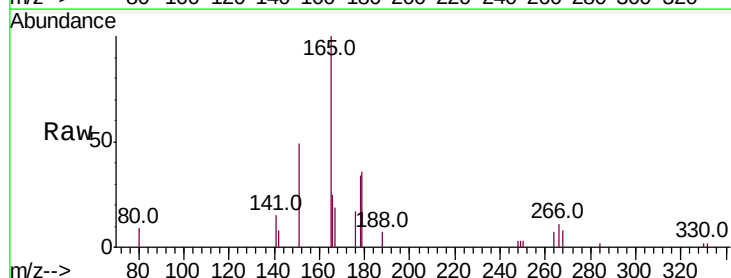
Tgt Ion:266 Resp: 474

Ion Ratio Lower Upper

266 100

264 65.1 50.0 75.0

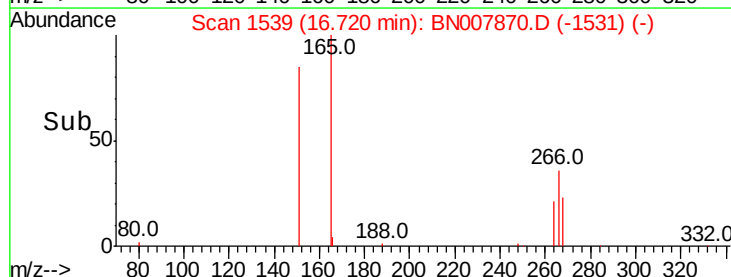
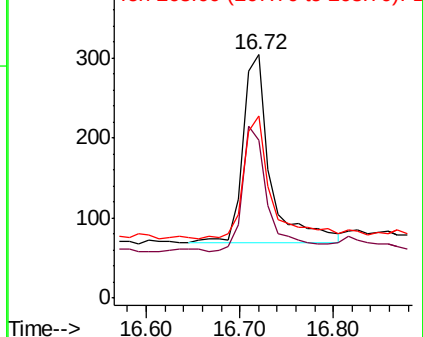
268 74.7 54.2 81.4

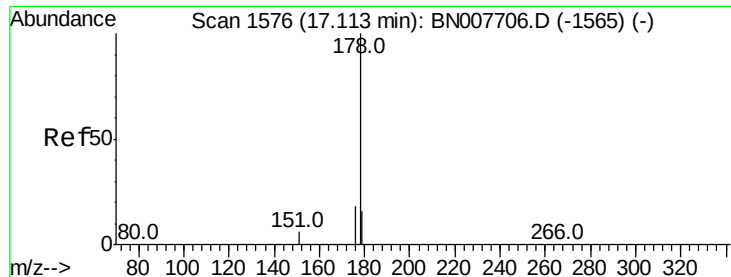


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.750 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

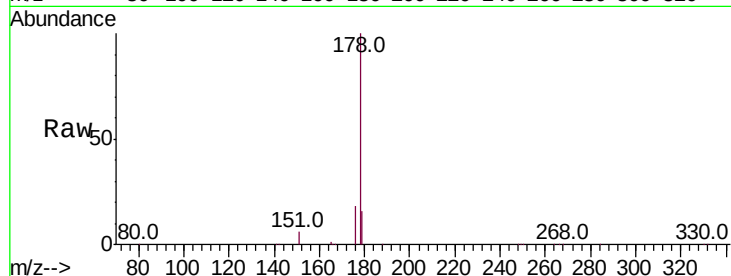
BNA_N

ClientSampleId :

PST-B239-091919-1

Tot Ion:178 Resp: 224656

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.7	12.5	18.7

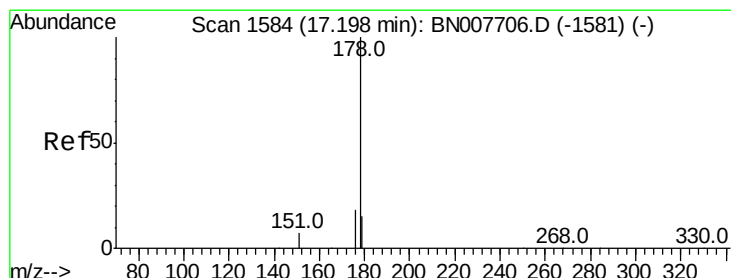
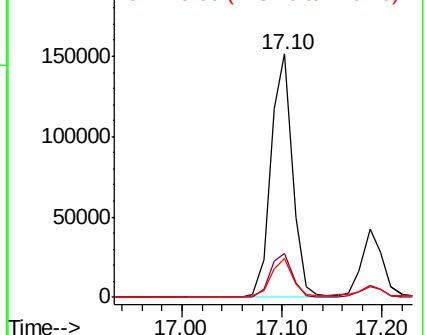
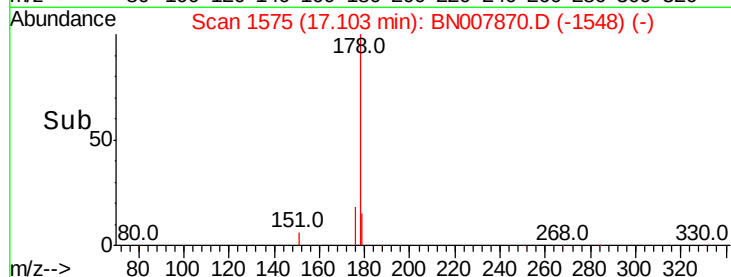


Abundance

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: 0.495 ng

RT: 17.19 min Scan# 1583

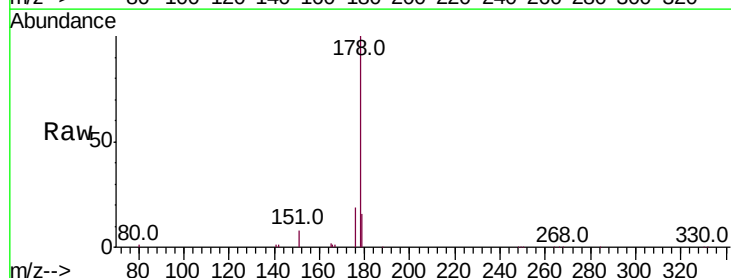
Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Tgt Ion:178 Resp: 57392

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	16.3	12.2	18.4

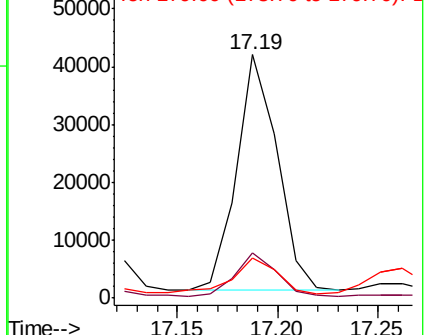
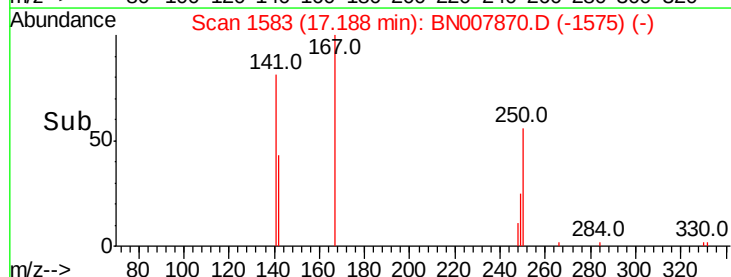


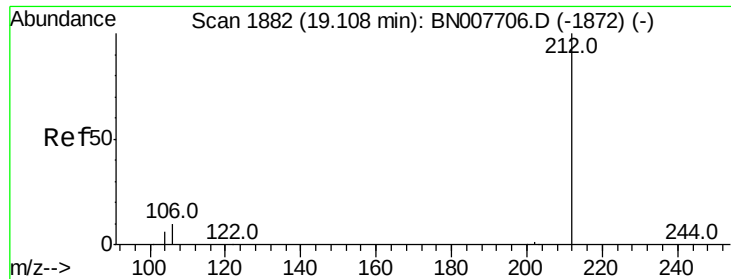
Abundance

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: 0.035 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

BNA_N

ClientSampleId :

PST-B239-091919-1

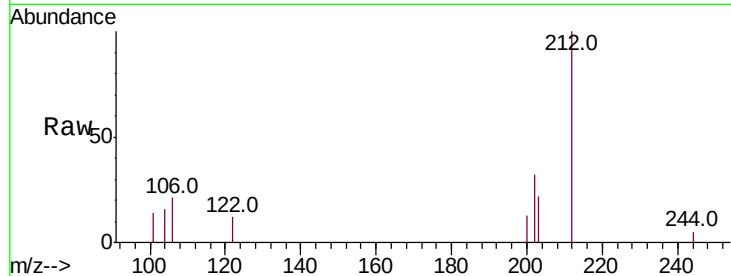
Tot Ion:212 Resp: 4823

Ion Ratio Lower Upper

212 100

106 11.6 9.4 14.0

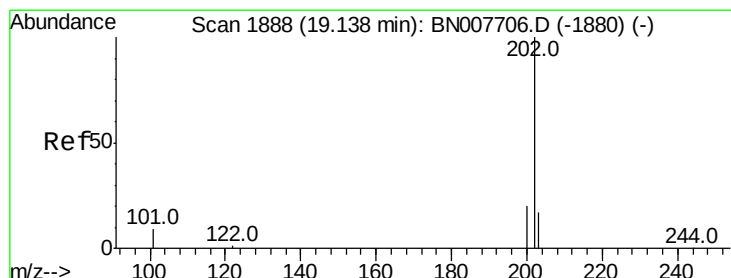
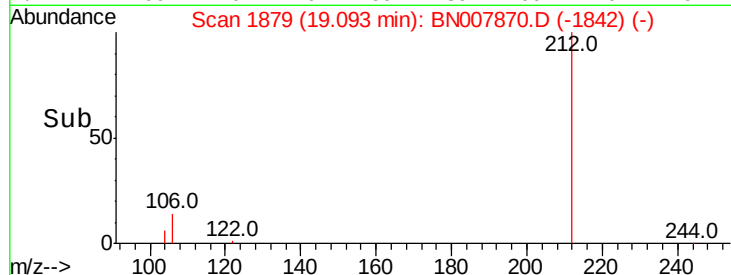
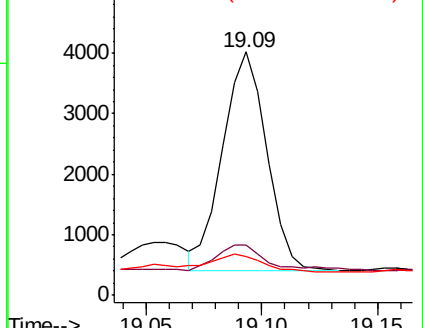
104 8.4 5.3 7.9#



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: 1.919 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

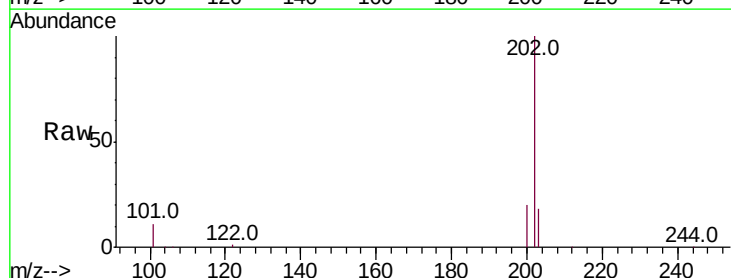
Tgt Ion:202 Resp: 306363

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

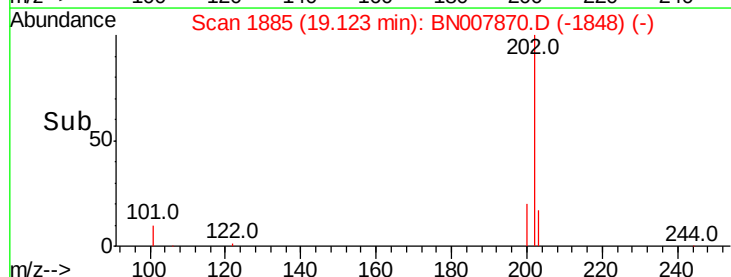
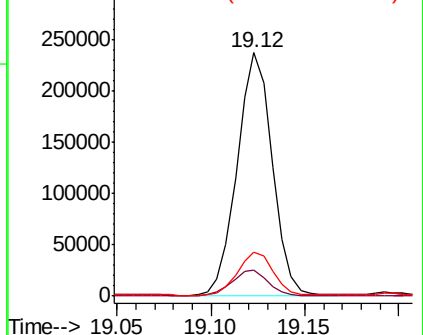
203 17.9 13.8 20.8

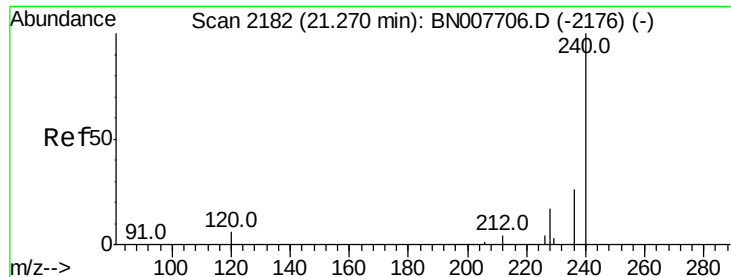


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

BNA_N

ClientSampleId :

PST-B239-091919-1

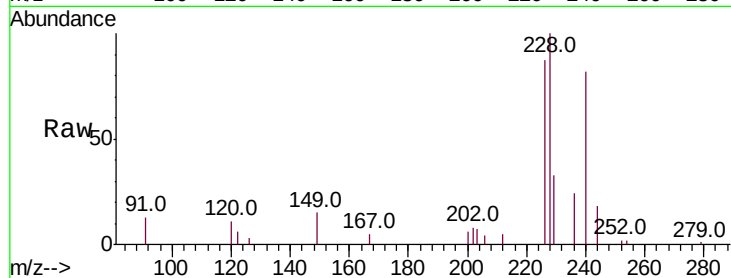
Tot Ion:240 Resp: 42624

Ion Ratio Lower Upper

240 100

120 13.4 5.4 8.2#

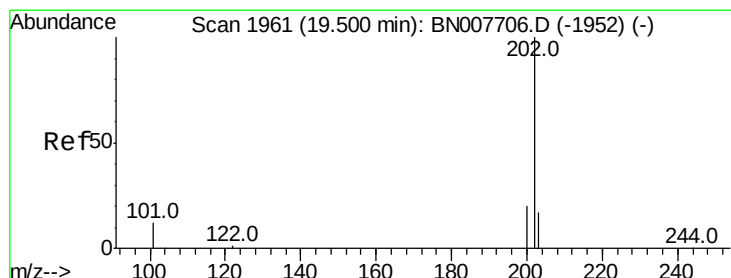
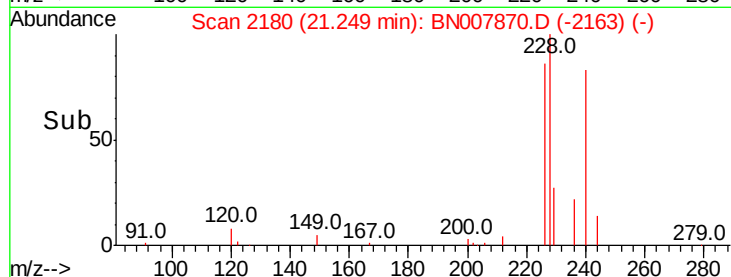
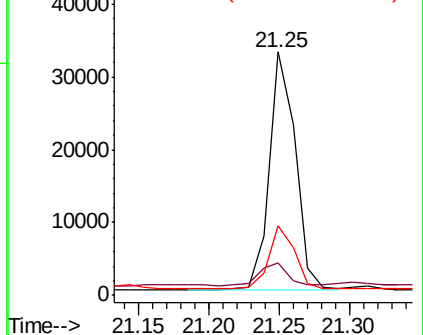
236 28.7 21.0 31.4



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: 2.730 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

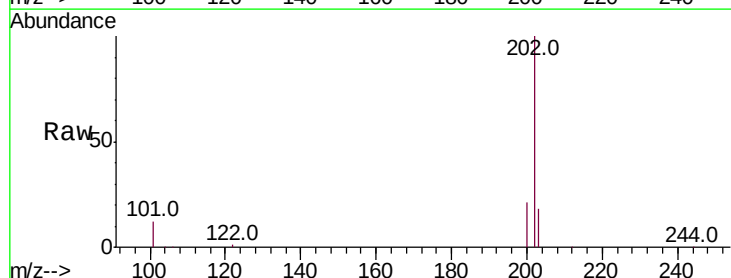
Tgt Ion:202 Resp: 396884

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

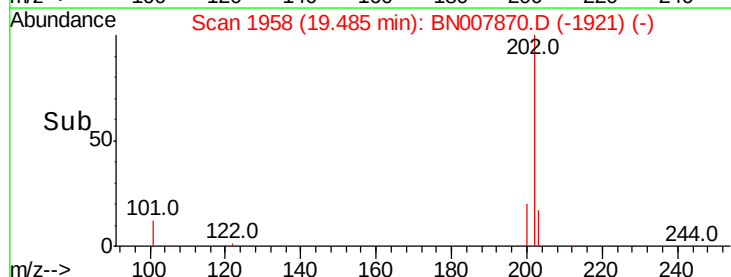
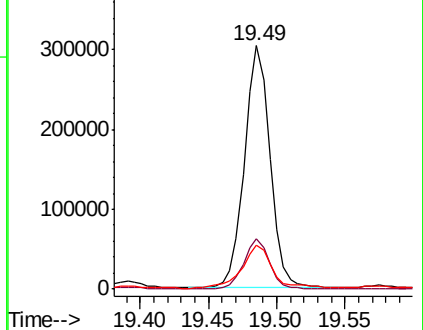
203 20.8 14.1 21.1

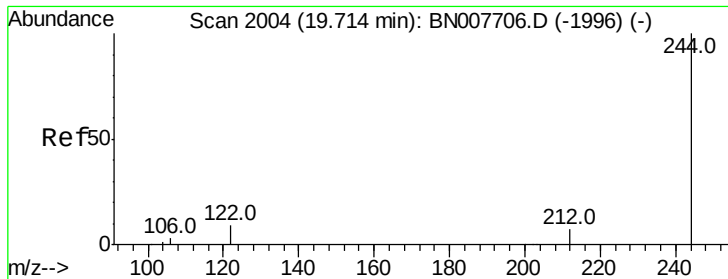


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.052 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

BNA_N

ClientSampleId :

PST-B239-091919-1

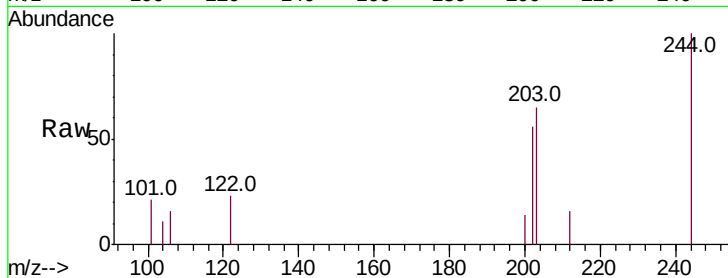
Tot Ion:244 Resp: 5477

Ion Ratio Lower Upper

244 100

212 15.8 5.9 8.9#

122 23.1 7.4 11.2#

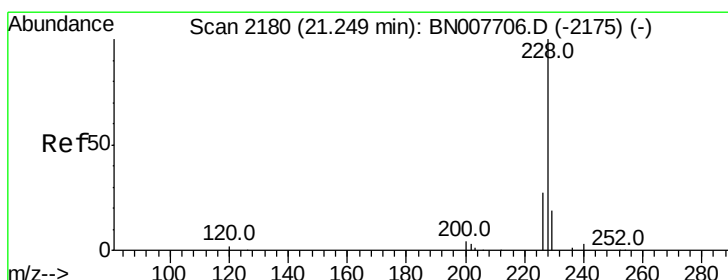
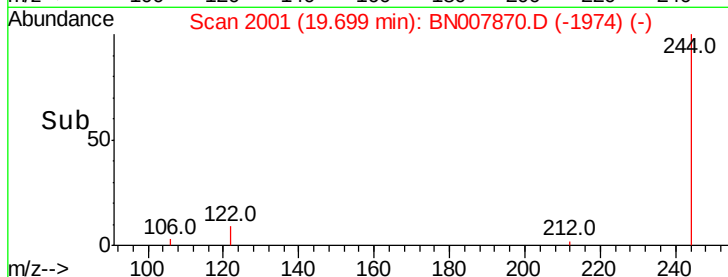
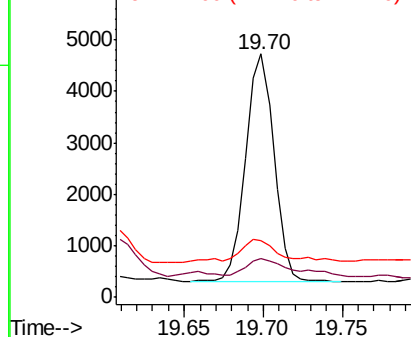


Abundance

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: 1.365 ng

RT: 21.29 min Scan# 2184

Delta R.T. 0.04 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

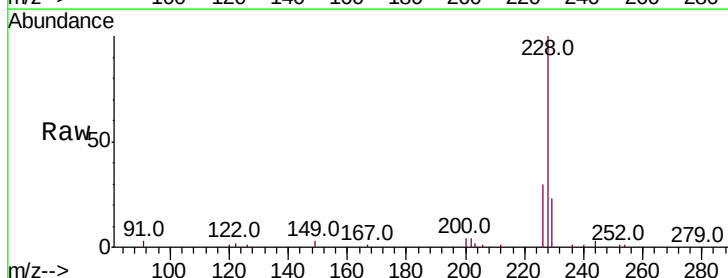
Tgt Ion:228 Resp: 214306

Ion Ratio Lower Upper

228 100

226 29.7 22.1 33.1

229 23.2 15.8 23.6

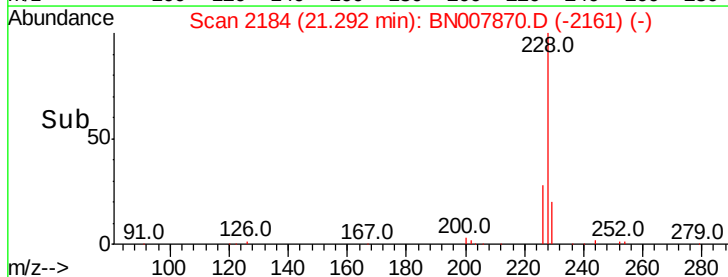
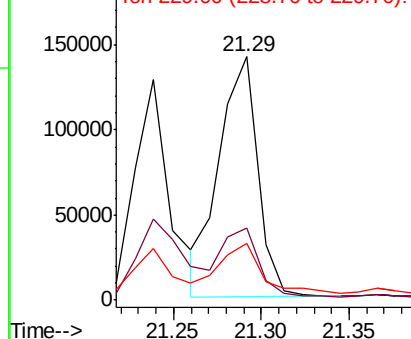


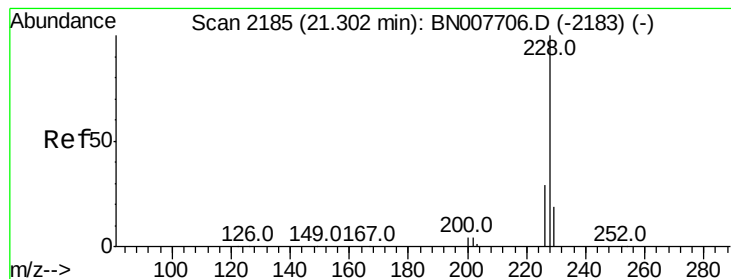
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.396 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

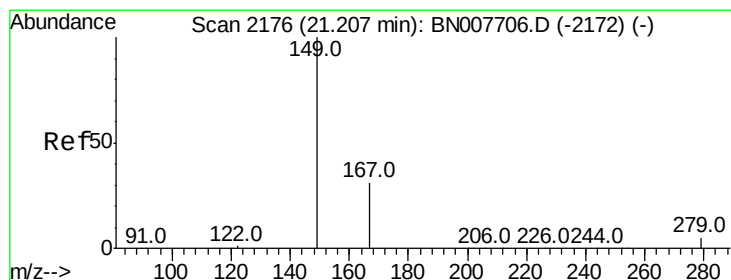
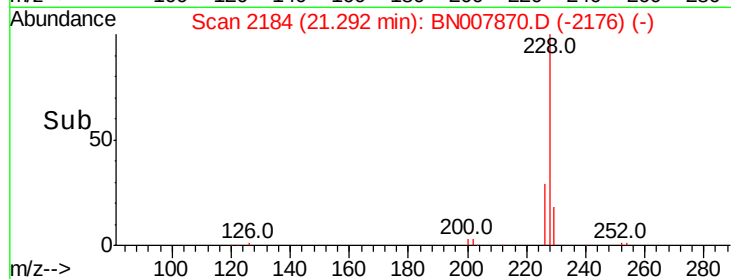
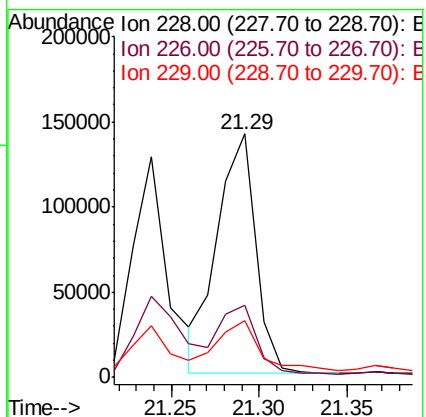
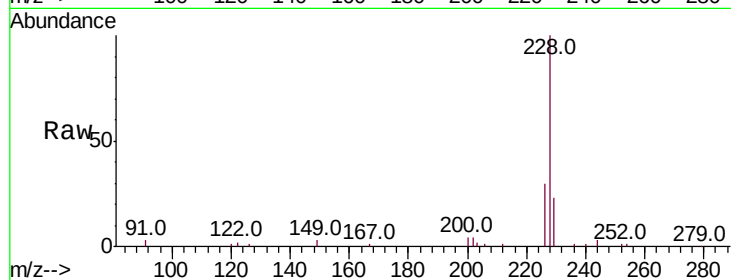
BNA_N

ClientSampleId :

PST-B239-091919-1

Tot Ion:228 Resp: 213508

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	23.2	15.8	23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.855 ng

RT: 21.19 min Scan# 2174

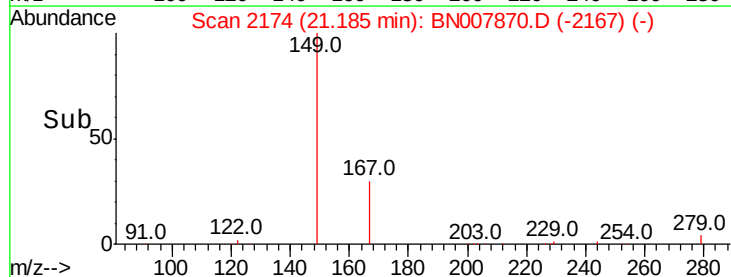
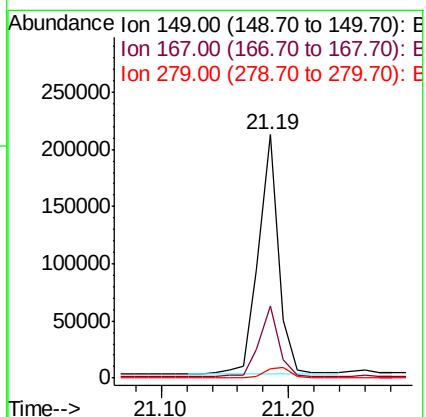
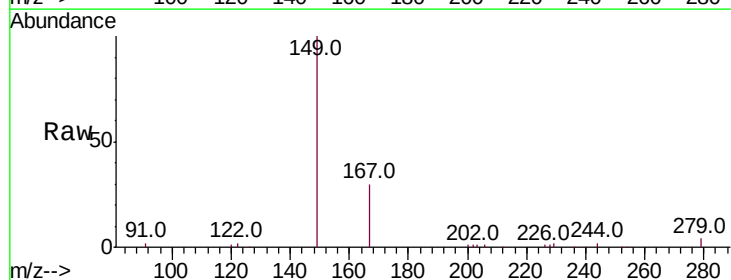
Delta R.T. -0.02 min

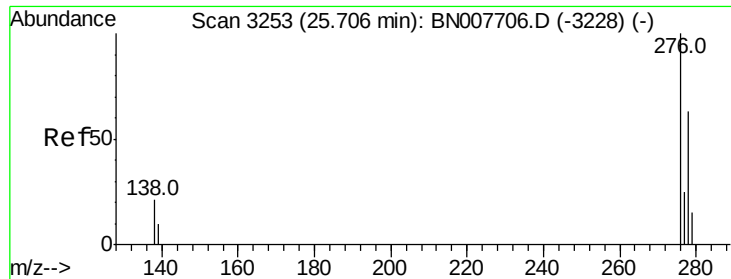
Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Tgt Ion:149 Resp: 230447

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	5.2	4.2	6.2

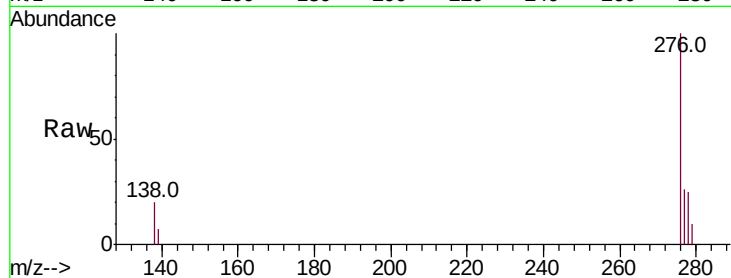




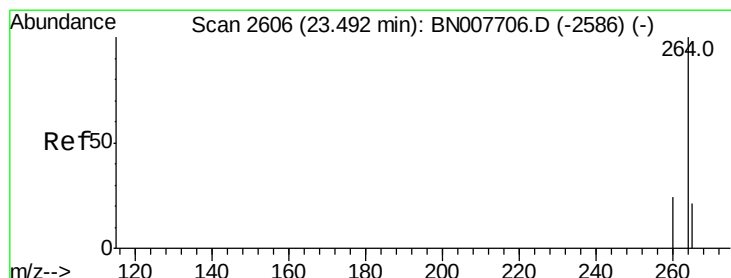
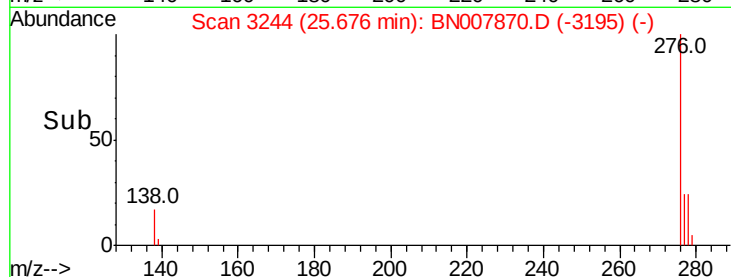
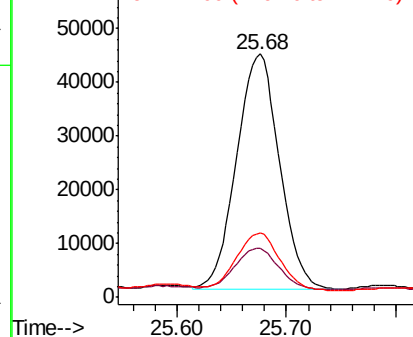
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.621 ng
 RT: 25.68 min Scan# 3244
 Delta R.T. -0.03 min
 Lab File: BN007870.D
 Acq: 26 Sep 2019 02:07

Instrument :
 BNA_N
 ClientSampleId :
 PST-B239-091919-1

Tot Ion:276 Resp: 119006
 Ion Ratio Lower Upper
 276 100
 138 18.4 17.1 25.7
 277 24.9 20.0 30.0

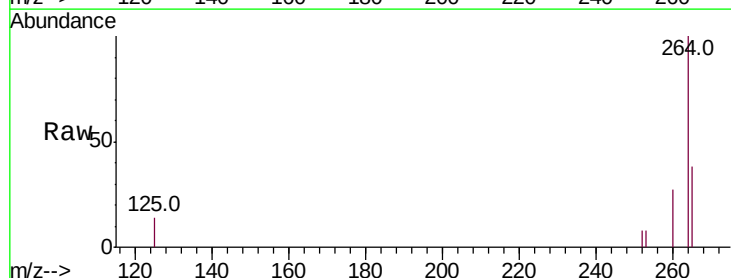


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

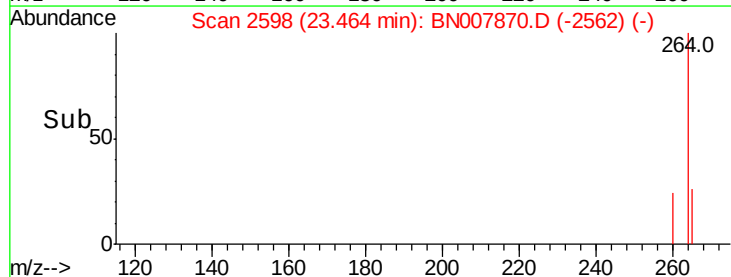
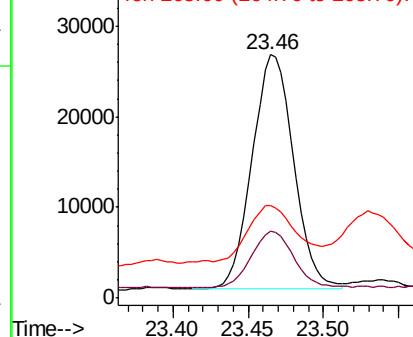


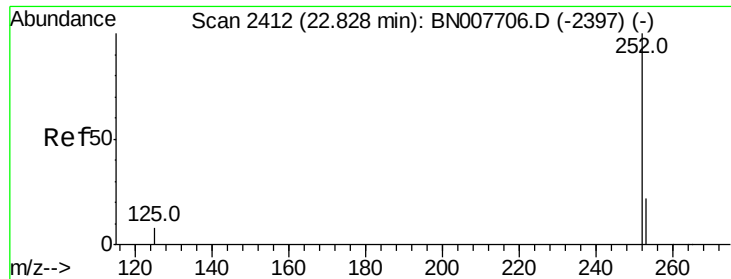
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2598
 Delta R.T. -0.03 min
 Lab File: BN007870.D
 Acq: 26 Sep 2019 02:07

Tgt Ion:264 Resp: 49173
 Ion Ratio Lower Upper
 264 100
 260 27.4 19.3 28.9
 265 38.2 26.9 40.3



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: 1.338 ng

RT: 22.81 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

BNA_N

ClientSampleId :

PST-B239-091919-1

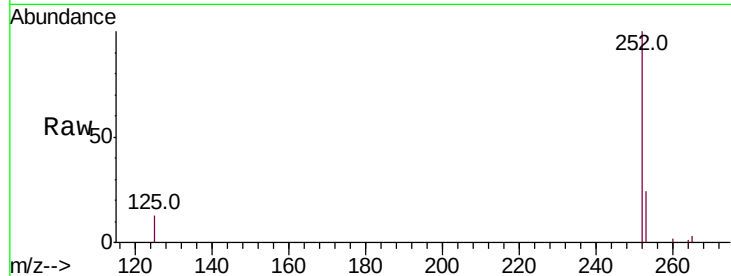
Tot Ion:252 Resp: 228369

Ion Ratio Lower Upper

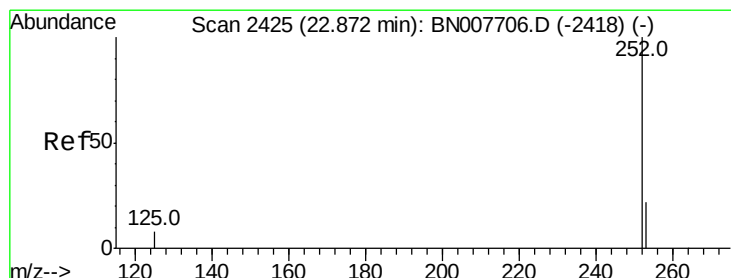
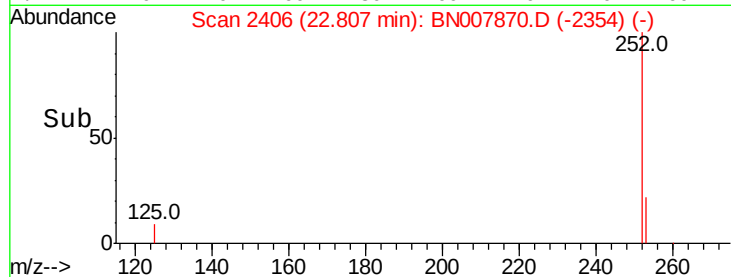
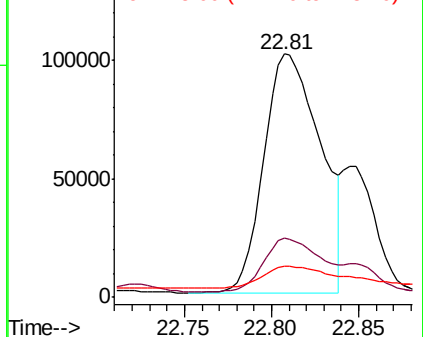
252 100

253 24.2 18.3 27.5

125 12.6 8.2 12.4#



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: 1.353 ng

RT: 22.81 min Scan# 2406

Delta R.T. -0.07 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

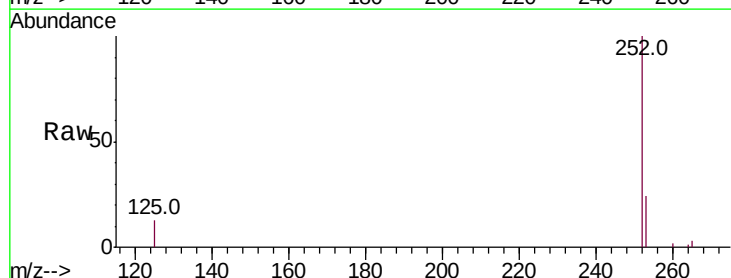
Tgt Ion:252 Resp: 228369

Ion Ratio Lower Upper

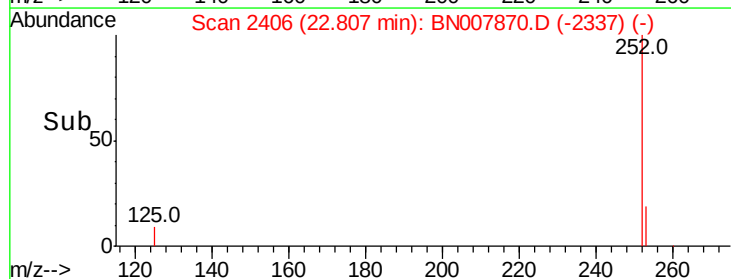
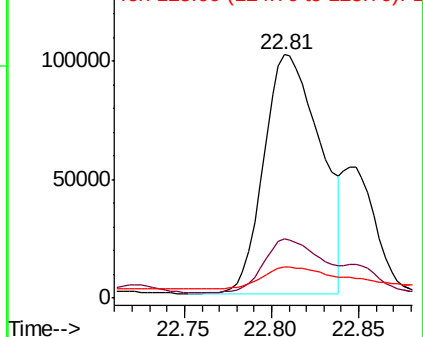
252 100

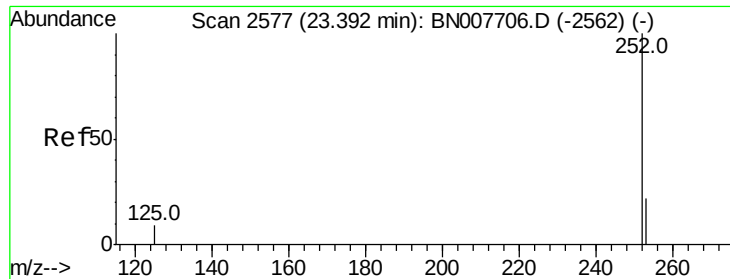
253 24.2 18.5 27.7

125 12.6 8.4 12.6



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: 1.048 ng

RT: 23.37 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

BNA_N

ClientSampleId :

PST-B239-091919-1

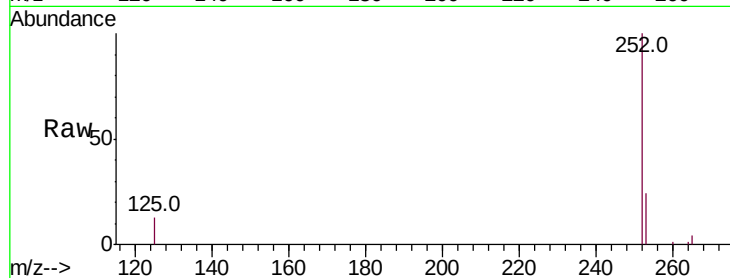
Tot Ion:252 Resp: 168203

Ion Ratio Lower Upper

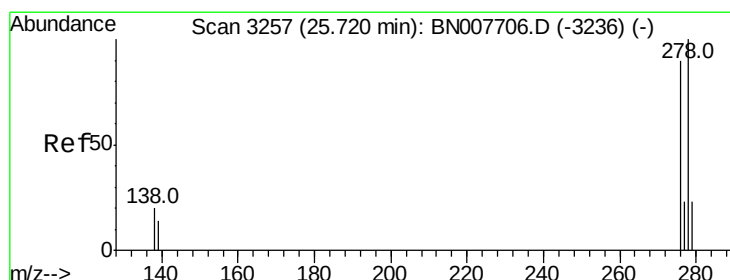
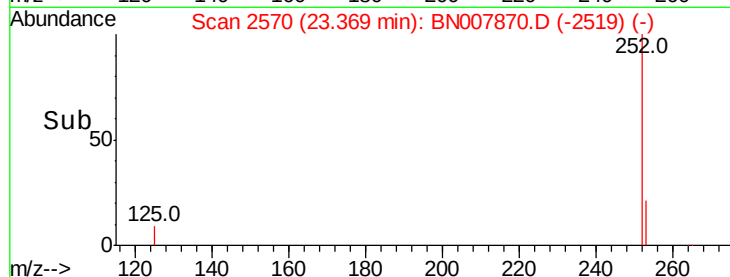
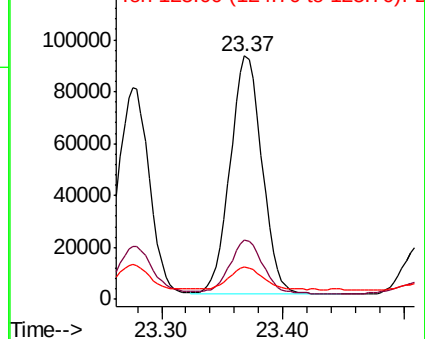
252 100

253 24.3 18.6 27.8

125 13.2 9.4 14.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.205 ng

RT: 25.68 min Scan# 3245

Delta R.T. -0.04 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

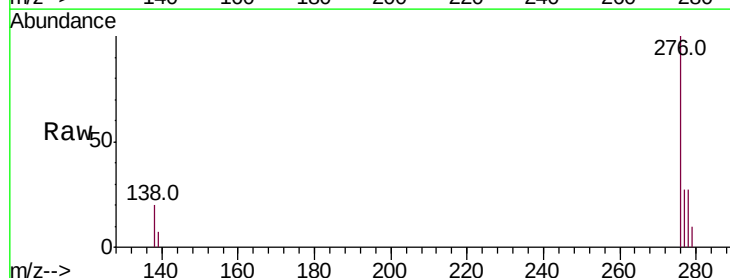
Tgt Ion:278 Resp: 33656

Ion Ratio Lower Upper

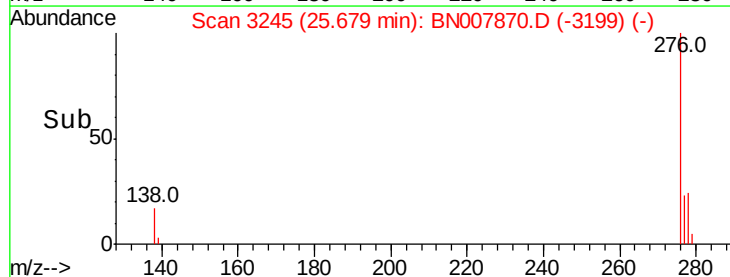
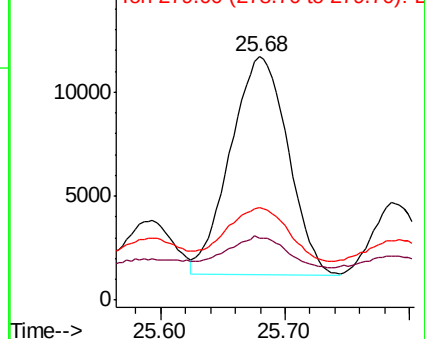
278 100

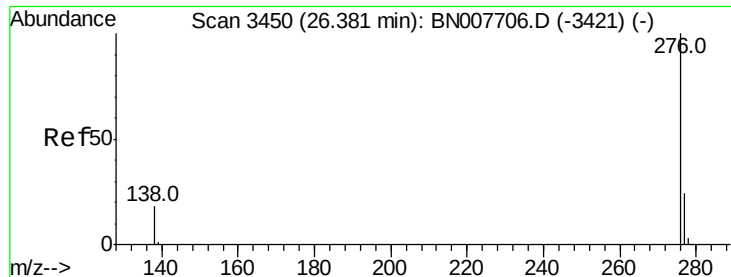
139 25.6 11.8 17.6#

279 38.0 19.4 29.2#



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: 0.873 ng

RT: 26.35 min Scan# 3440

Delta R.T. -0.03 min

Lab File: BN007870.D

Acq: 26 Sep 2019 02:07

Instrument :

BNA_N

ClientSampleId :

PST-B239-091919-1

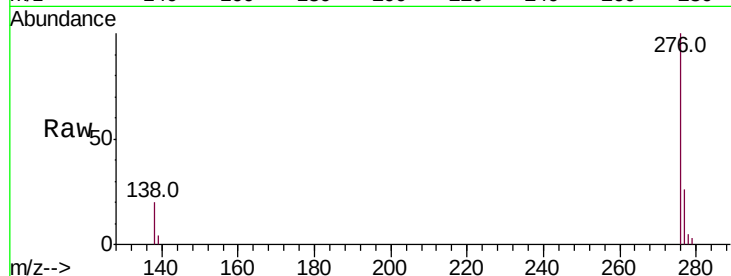
Tot Ion:276 Resp: 141749

Ion Ratio Lower Upper

276 100

277 25.8 19.8 29.8

138 20.4 15.1 22.7



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

