

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007872.D
 Acq On : 26 Sep 2019 03:18
 Operator : JU
 Sample : K4995-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-SW085-091819-3

Quant Time: Sep 26 05:33:14 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	7967	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	30677	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	19949	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	39484	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	48180	0.40	ng	-0.01
34) Perylene-d12	23.47	264	60994	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	6233	0.23	ng	0.00
5) Phenol-d6	6.87	99	8520	0.25	ng	0.00
8) Nitrobenzene-d5	8.83	82	7337	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13677	0.26	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2818	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	19184	0.23	ng	-0.01
25) Fluoranthene-d10	19.10	212	35006	0.26	ng	0.00
29) Terphenyl-d14	19.70	244	35515	0.30	ng	-0.01

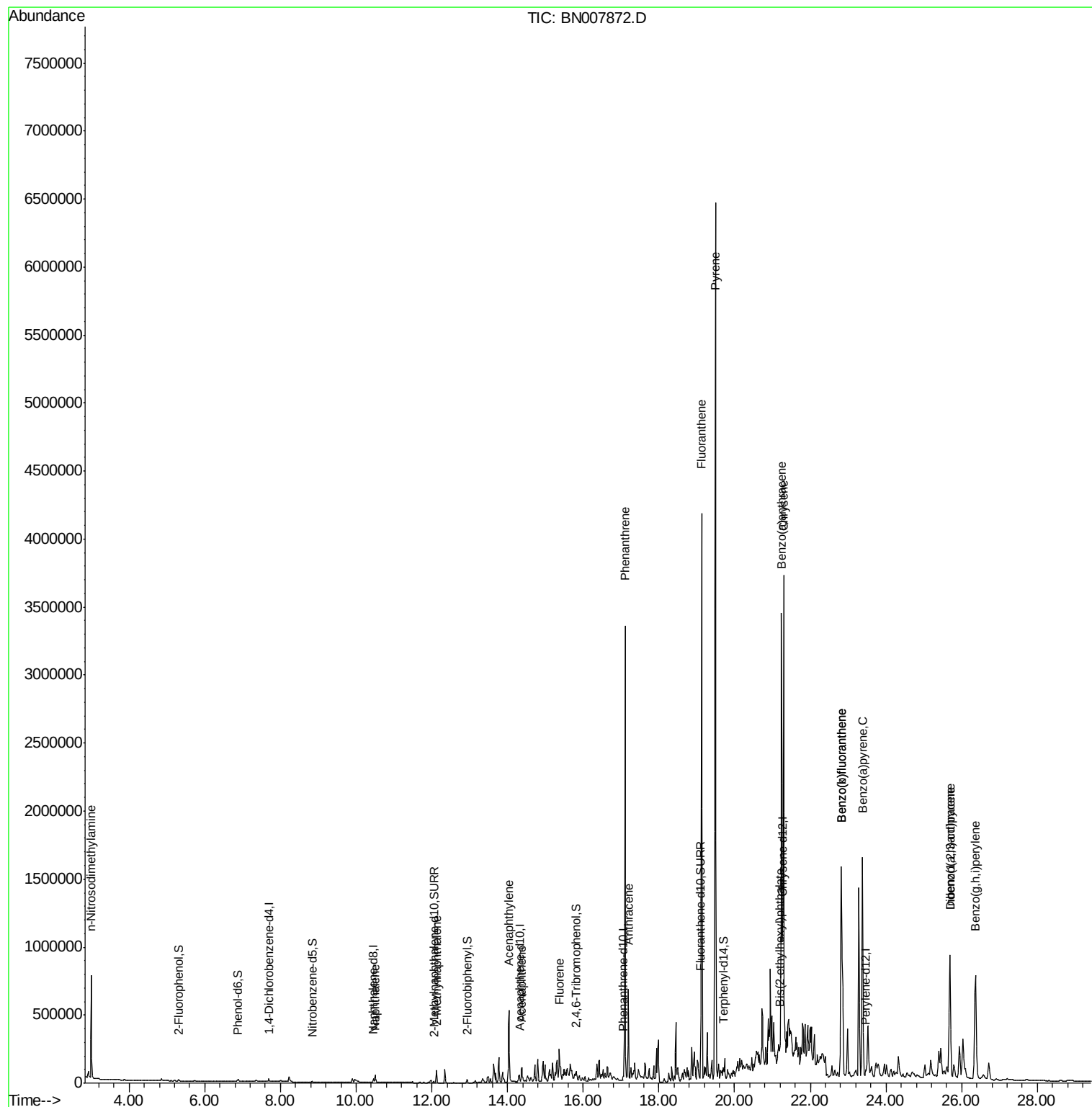
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.00	42	56472	13.885	ng	# 70
9) Naphthalene	10.51	128	71331	0.829	ng	100
12) 2-Methylnaphthalene	12.13	142	64901	1.115	ng	100
16) Acenaphthylene	14.04	152	657645	6.216	ng	99
17) Acenaphthene	14.38	154	61890	0.907	ng	92
18) Fluorene	15.36	166	165200	1.890	ng	83
23) Phenanthrene	17.10	178	3392709	27.583	ng	99
24) Anthracene	17.19	178	694579	6.252	ng	99
26) Fluoranthene	19.13	202	3806963	24.891	ng	98
28) Pylene	19.49	202	5950884	36.215	ng	# 95
30) Benzo(a)anthracene	21.24	228	2712279	15.287	ng	94
31) Chrysene	21.29	228	3217748	18.609	ng	98
32) Bis(2-ethylhexyl)phthalate	21.19	149	37167	0.407	ng	# 76
33) Indeno(1,2,3-cd)pyrene	25.69	276	1407576	6.502	ng	97
35) Benzo(b)fluoranthene	22.82	252	3590259	16.955	ng	99
36) Benzo(k)fluoranthene	22.82	252	3592789	17.159	ng	99
37) Benzo(a)pyrene	23.38	252	2280303	11.459	ng	98
38) Dibenzo(a,h)anthracene	25.69	278	435364	2.138	ng	# 92
39) Benzo(g,h,i)perylene	26.36	276	1651595	8.198	ng	99

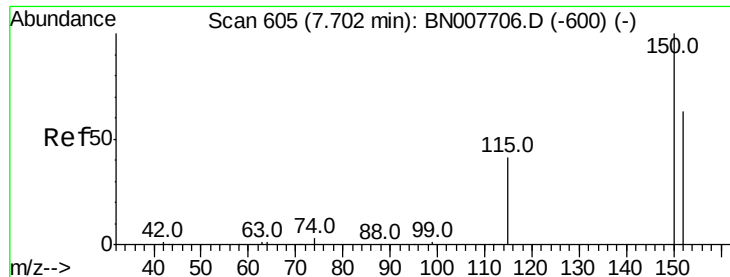
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

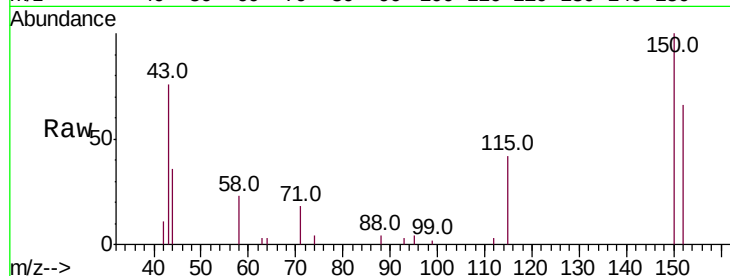
Tot Ion:152 Resp: 7967

Ion Ratio Lower Upper

152 100

150 152.0 125.6 188.4

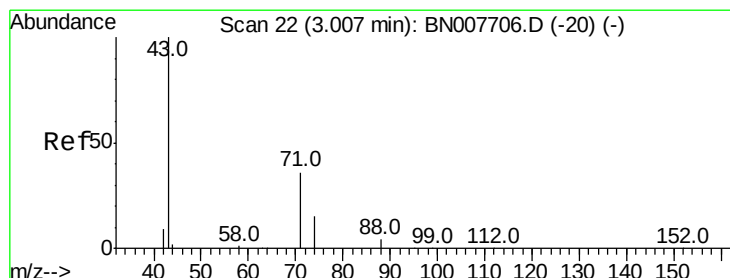
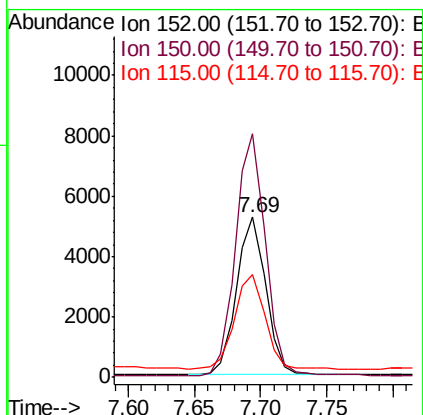
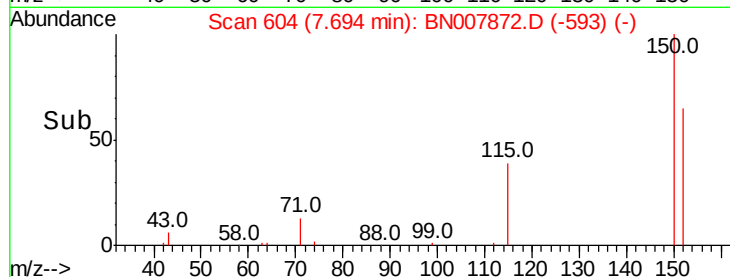
115 64.6 53.3 79.9



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



#3

n-Nitrosodimethylamine

Concen: 13.885 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

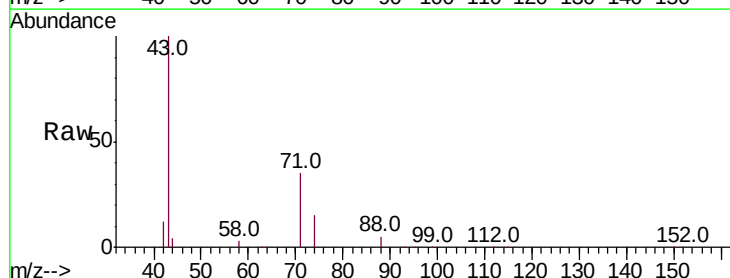
Tgt Ion: 42 Resp: 56472

Ion Ratio Lower Upper

42 100

74 147.3 87.9 131.9#

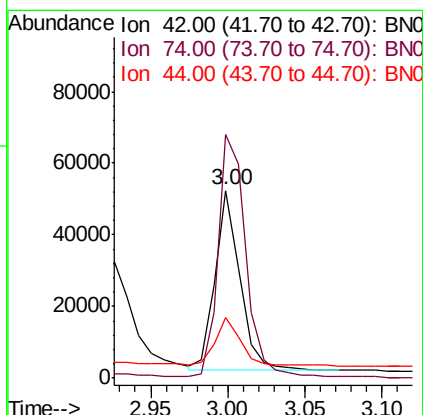
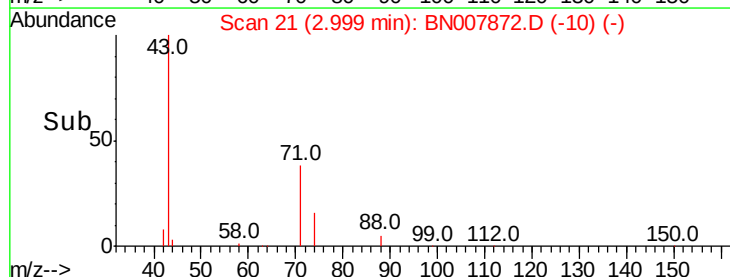
44 27.6 29.4 44.0#

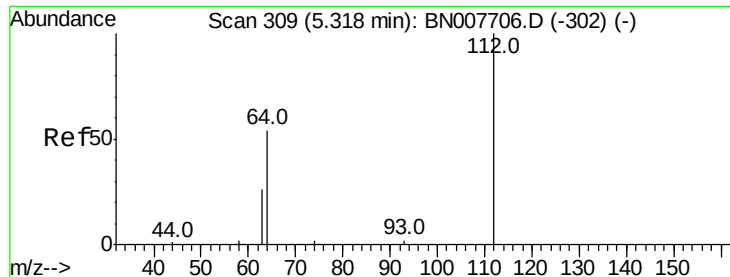


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.227 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

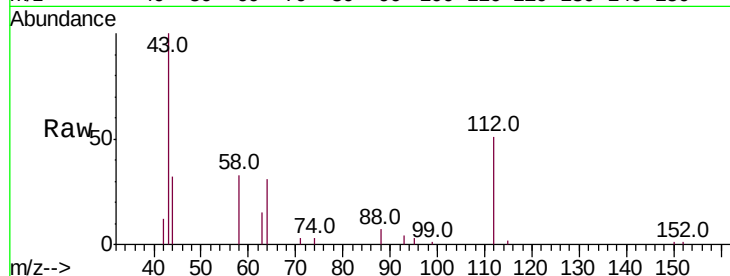
Tot Ion:112 Resp: 6233

Ion Ratio Lower Upper

112 100

64 57.5 46.6 70.0

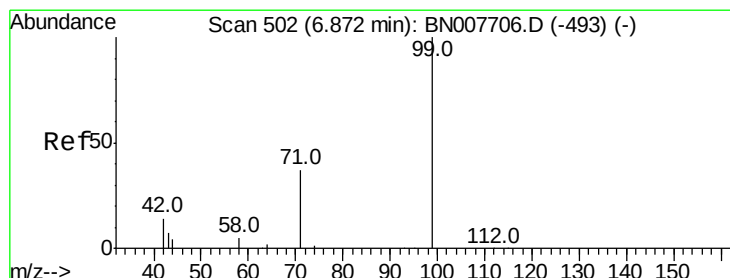
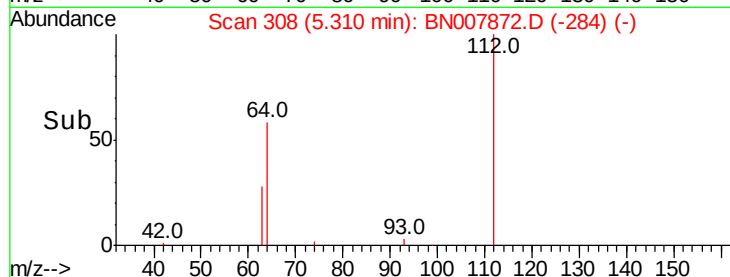
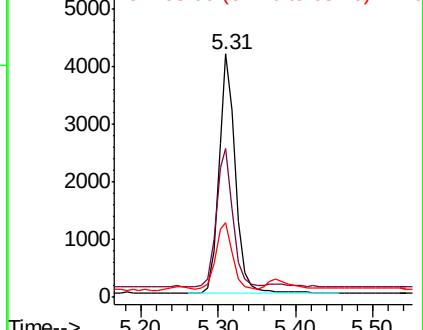
63 28.1 23.1 34.7



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: 0.247 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

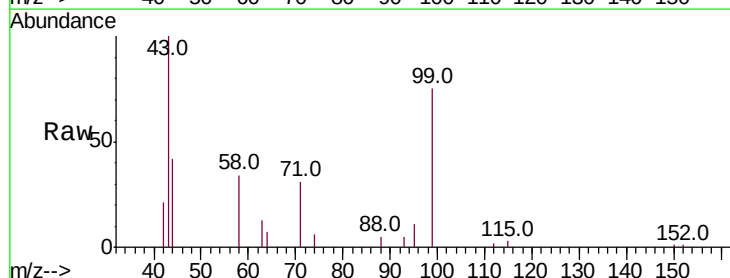
Tgt Ion: 99 Resp: 8520

Ion Ratio Lower Upper

99 100

42 24.4 12.8 19.2#

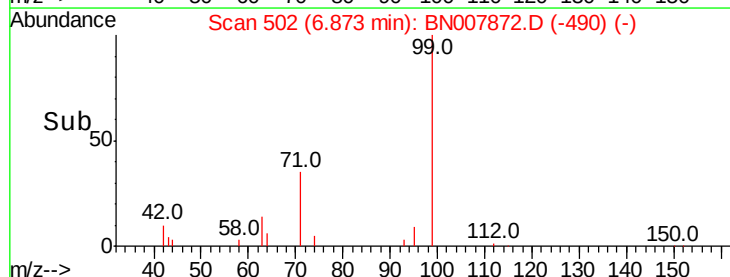
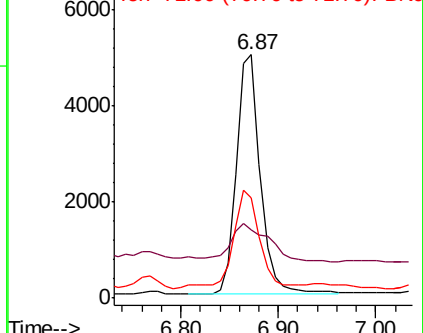
71 44.8 27.6 41.4#

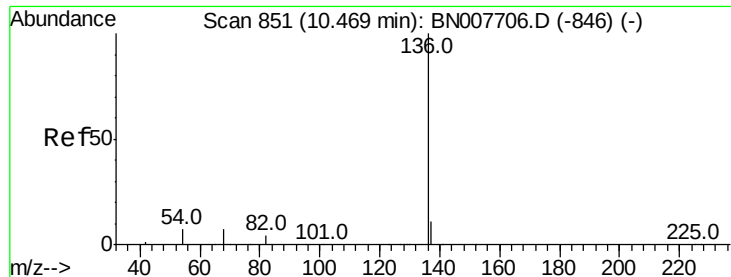


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

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EXT-SW085-091819-3

Tot Ion:136 Resp: 30677

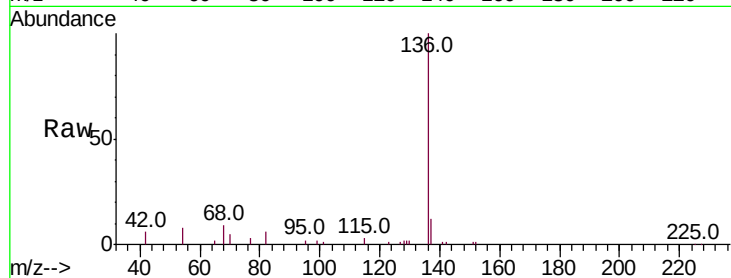
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 7.8 5.8 8.8

68 8.7 6.5 9.7

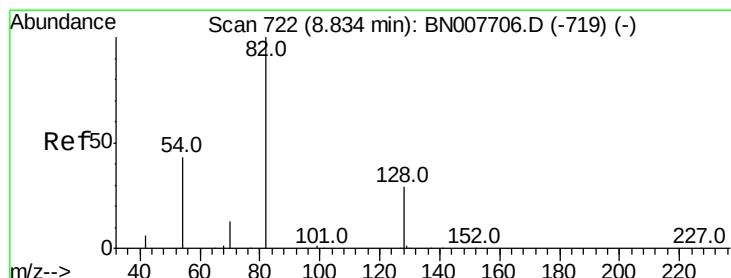
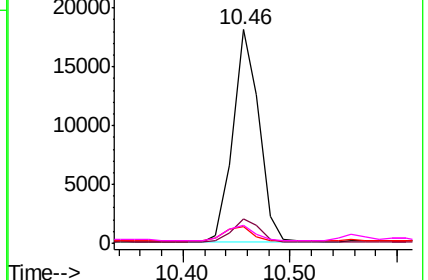
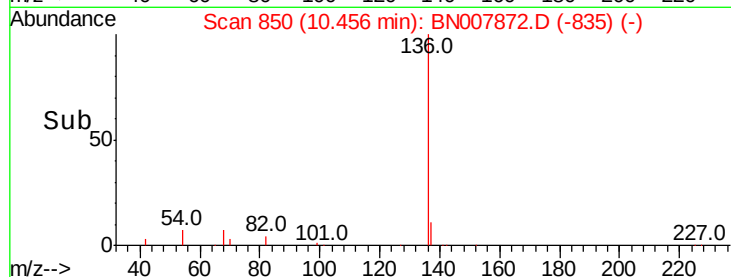


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.273 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

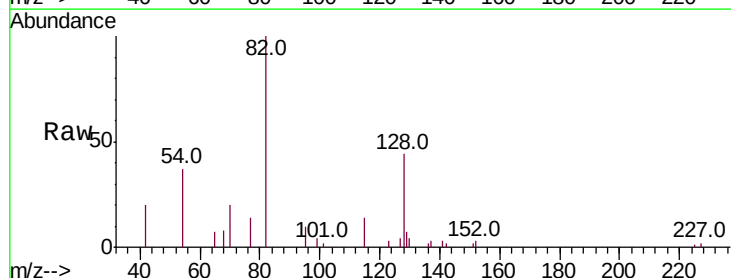
Tgt Ion: 82 Resp: 7337

Ion Ratio Lower Upper

82 100

128 43.8 24.5 36.7#

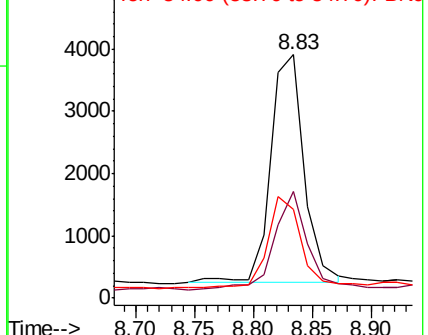
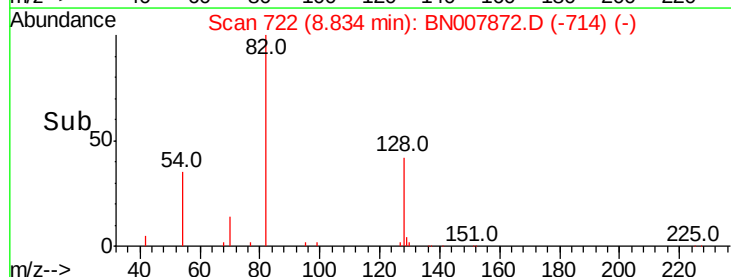
54 36.7 35.2 52.8

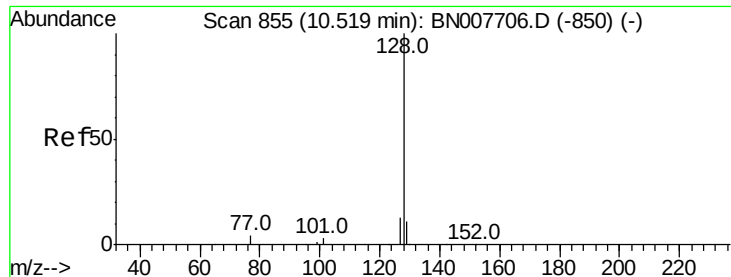


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.829 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

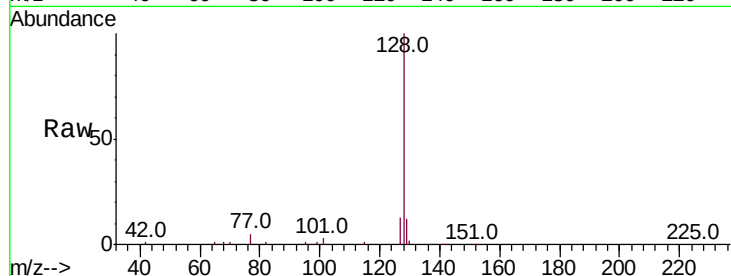
Tot Ion:128 Resp: 71331

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

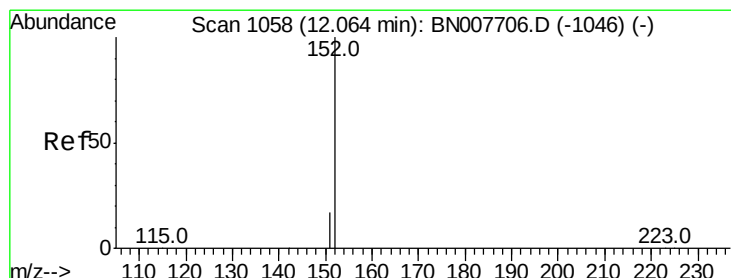
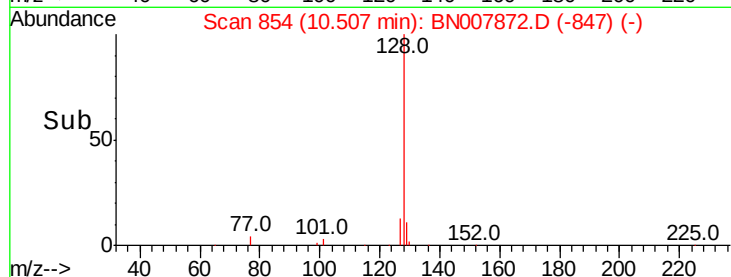
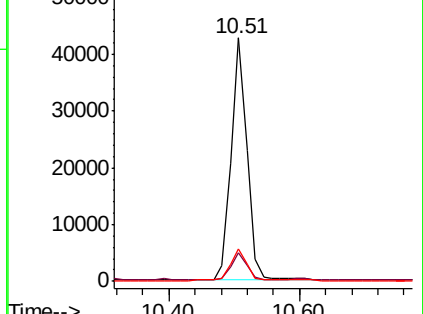
127 13.4 10.6 15.8



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: 0.265 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007872.D

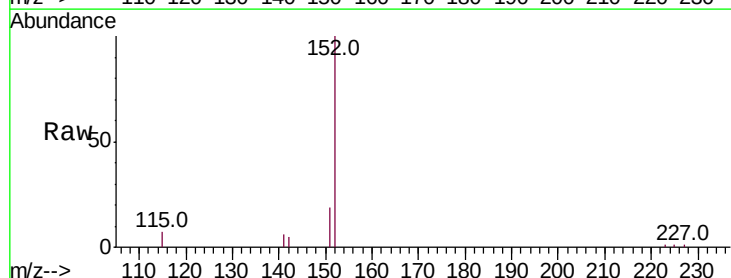
Acq: 26 Sep 2019 03:18

Tgt Ion:152 Resp: 13677

Ion Ratio Lower Upper

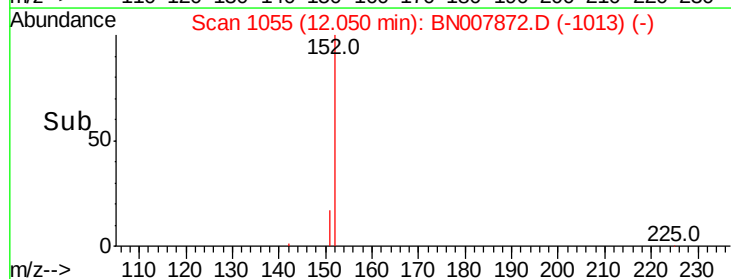
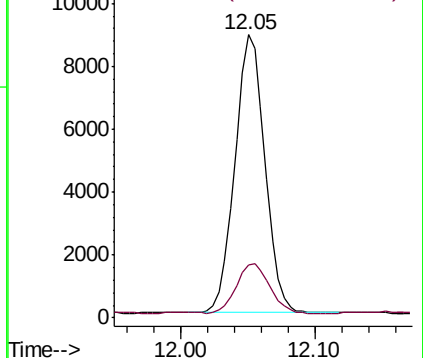
152 100

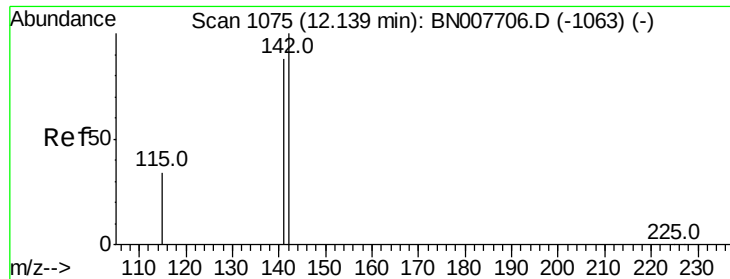
151 19.4 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 1.115 ng

RT: 12.13 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

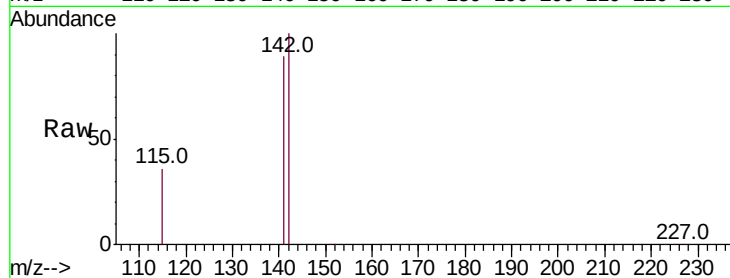
Tot Ion:142 Resp: 64901

Ion Ratio Lower Upper

142 100

141 88.6 70.6 106.0

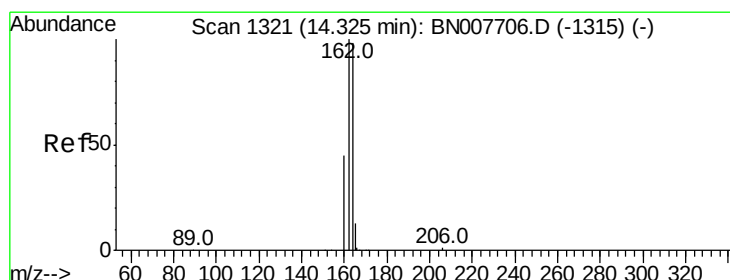
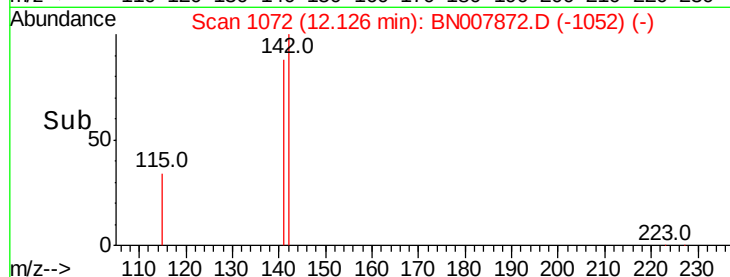
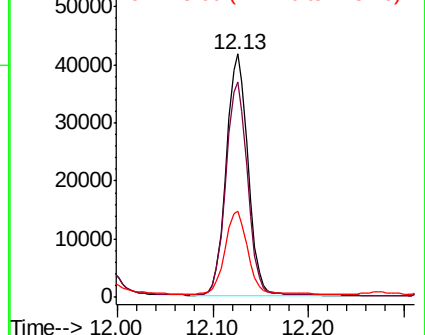
115 35.6 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

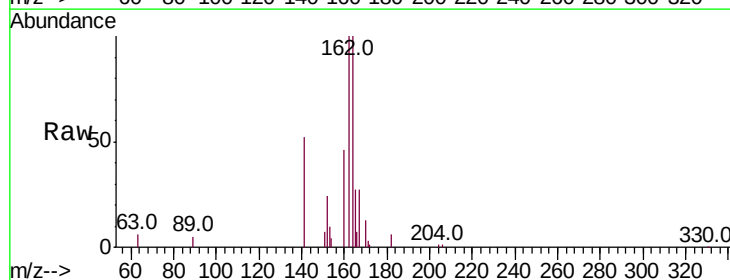
Tgt Ion:164 Resp: 19949

Ion Ratio Lower Upper

164 100

162 100.3 81.7 122.5

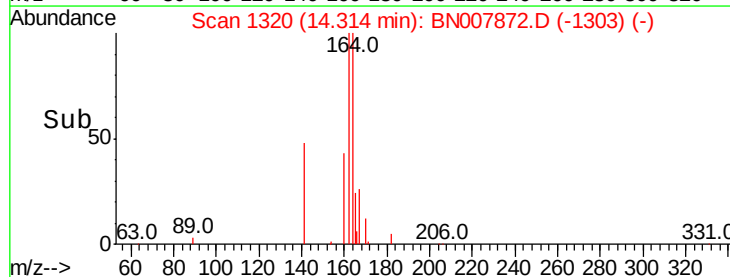
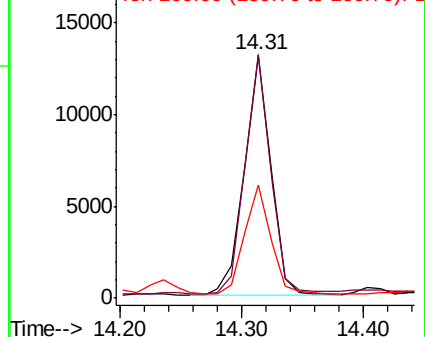
160 46.5 37.0 55.4

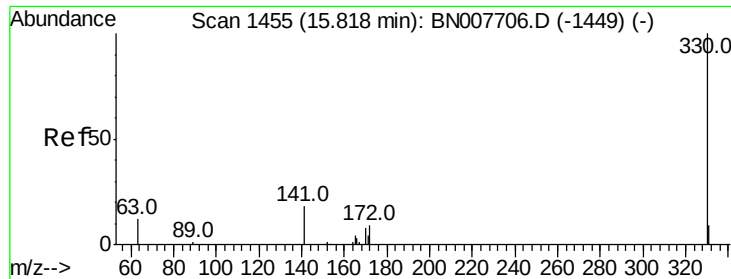


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

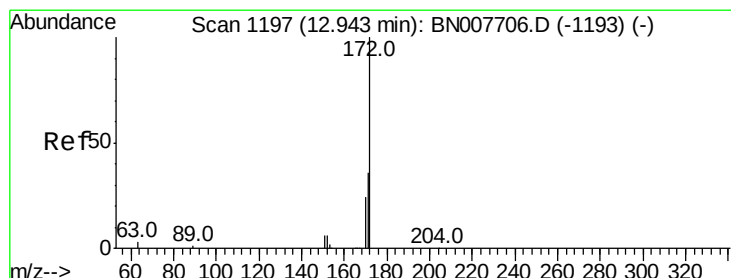
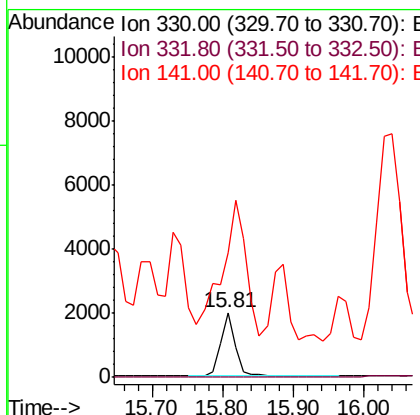
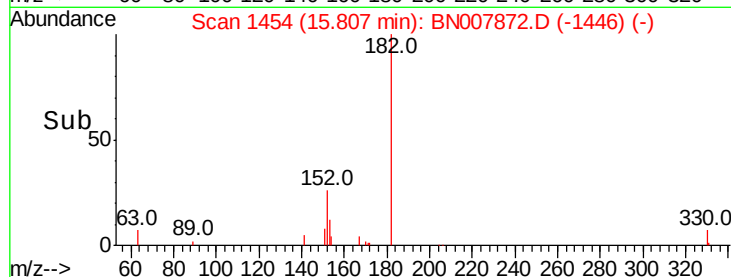
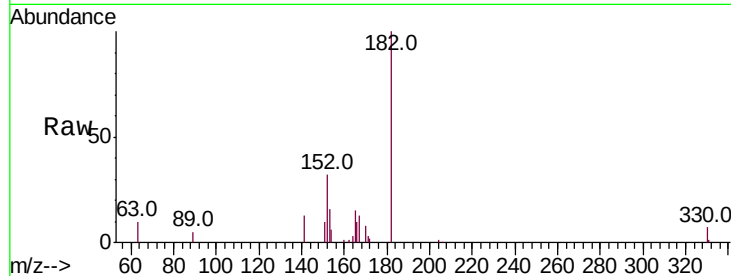




#14
 2,4,6-Tribromophenol
 Concen: 0.259 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN007872.D
 Acq: 26 Sep 2019 03:18

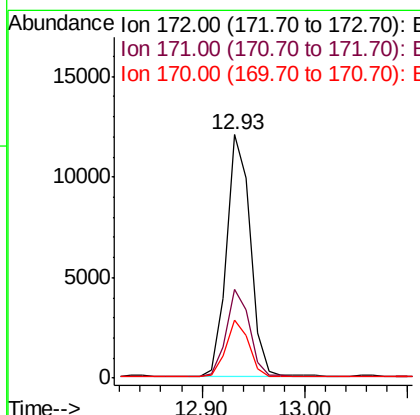
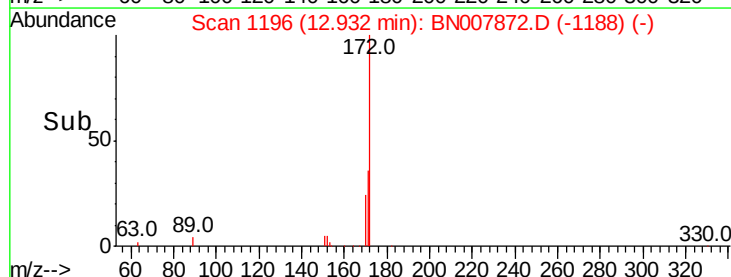
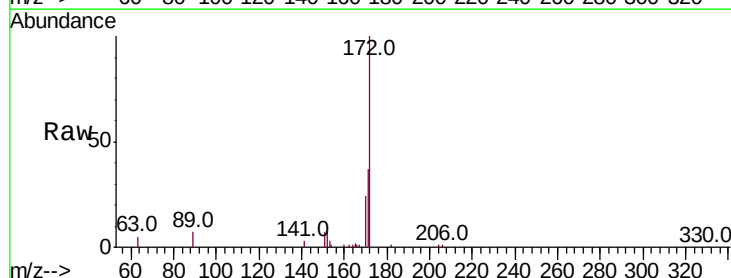
Instrument :
 BNA_N
 ClientSampleId :
 EXT-SW085-091819-3

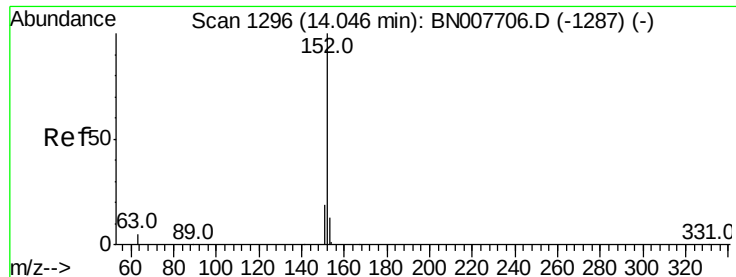
Tot Ion:330 Resp: 2818
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 354.9 28.7 43.1#



#15
 2-Fluorobiphenyl
 Concen: 0.233 ng
 RT: 12.93 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BN007872.D
 Acq: 26 Sep 2019 03:18

Tgt Ion:172 Resp: 19184
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.8 43.2
 170 24.0 19.5 29.3





#16

Acenaphthylene

Concen: 6.216 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

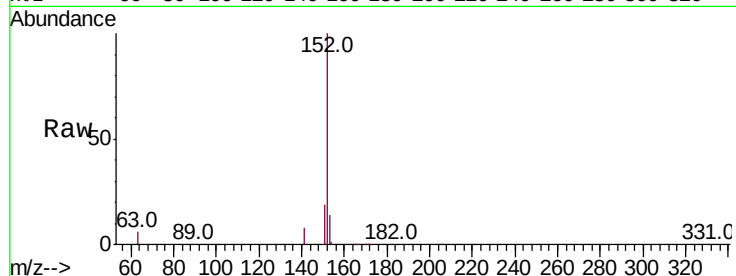
Tot Ion:152 Resp: 657645

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3

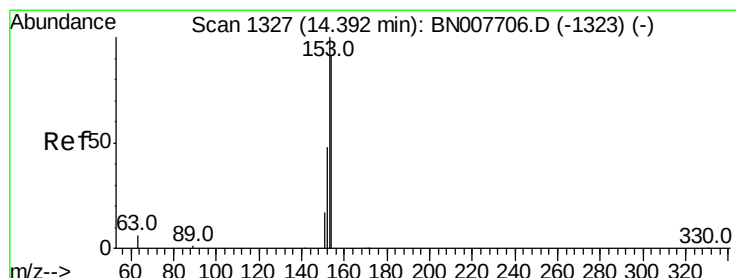
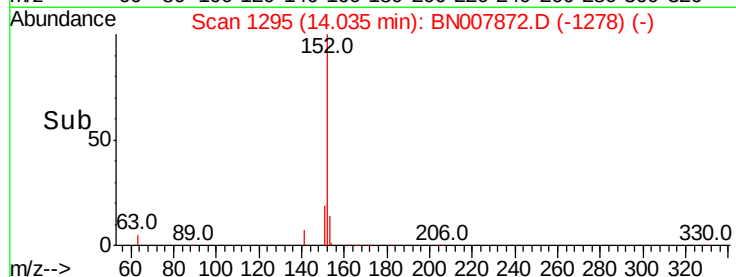
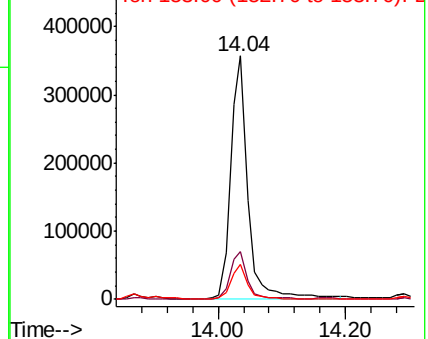
153 14.0 10.4 15.6



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: 0.907 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

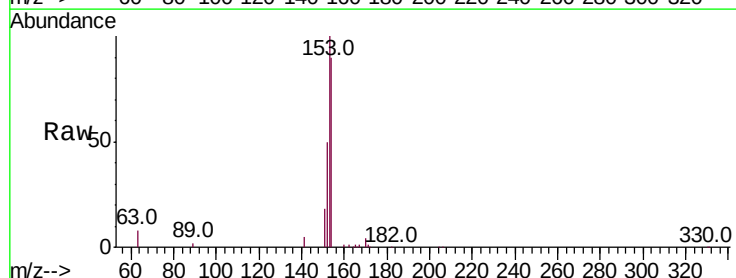
Tgt Ion:154 Resp: 61890

Ion Ratio Lower Upper

154 100

153 117.6 87.0 130.4

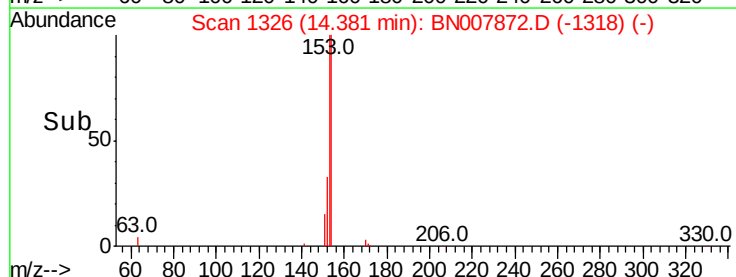
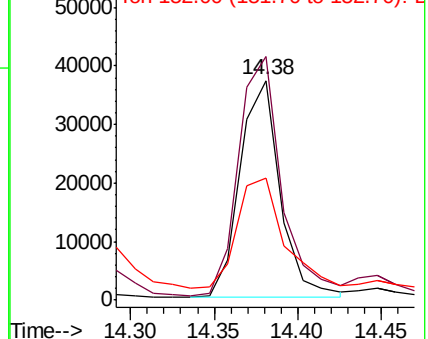
152 58.9 42.7 64.1

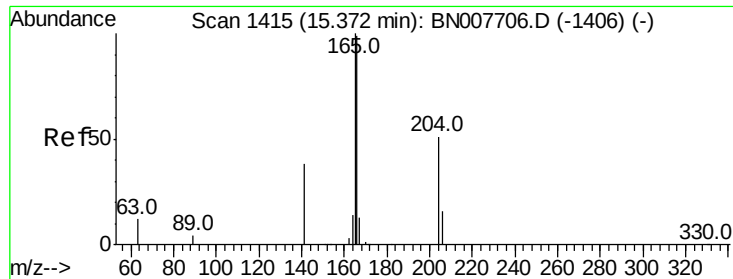


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

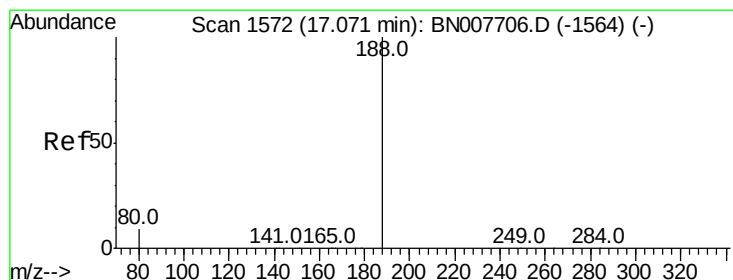
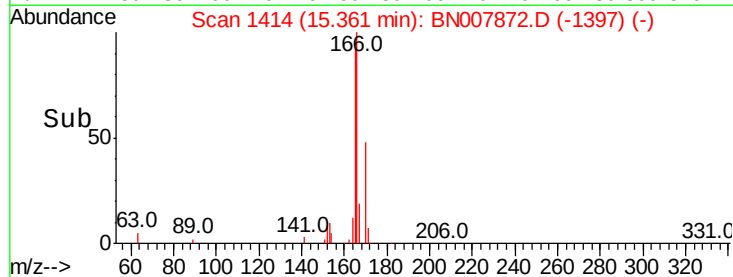
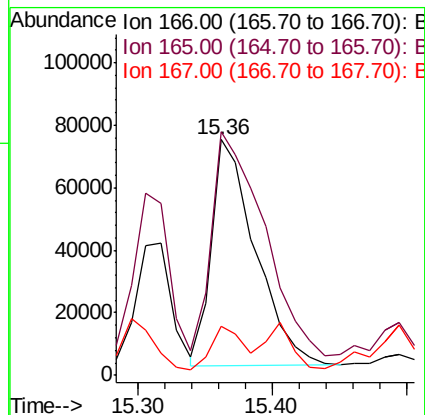
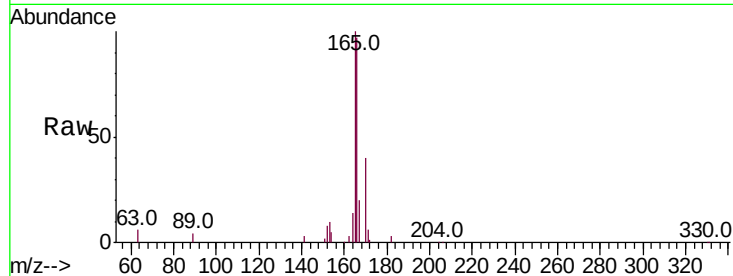




#18
 Fluorene
 Concen: 1.890 ng
 RT: 15.36 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BN007872.D
 Acq: 26 Sep 2019 03:18

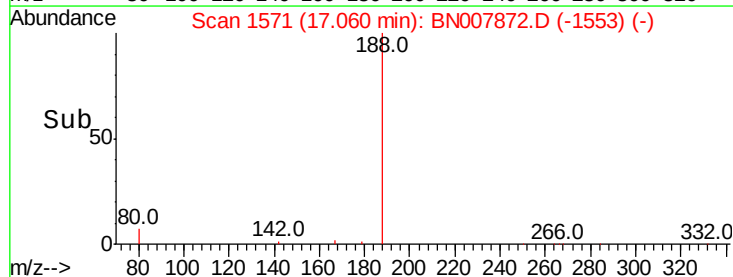
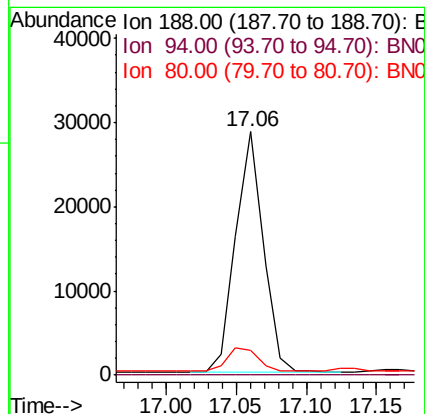
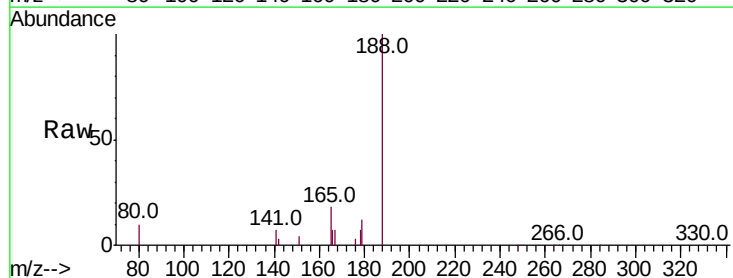
Instrument :
 BNA_N
 ClientSampleId :
 EXT-SW085-091819-3

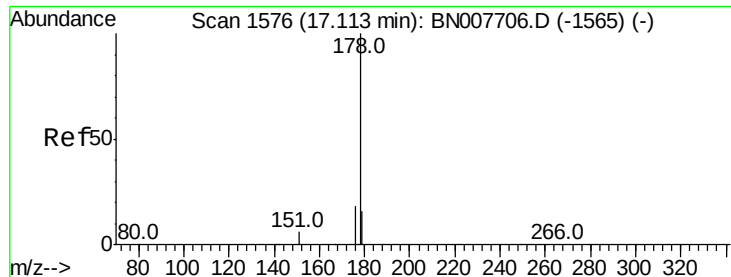
Tot Ion:166 Resp: 165200
 Ion Ratio Lower Upper
 166 100
 165 116.1 78.0 117.0
 167 13.9 10.9 16.3



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.06 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BN007872.D
 Acq: 26 Sep 2019 03:18

Tgt Ion:188 Resp: 39484
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.1 7.4 11.2





#23

Phenanthrene

Concen: 27.583 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

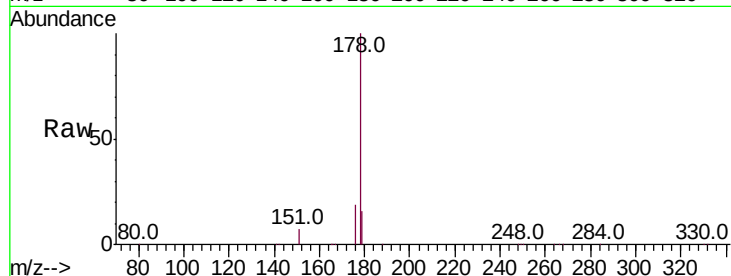
Tot Ion:178 Resp: 3392709

Ion Ratio Lower Upper

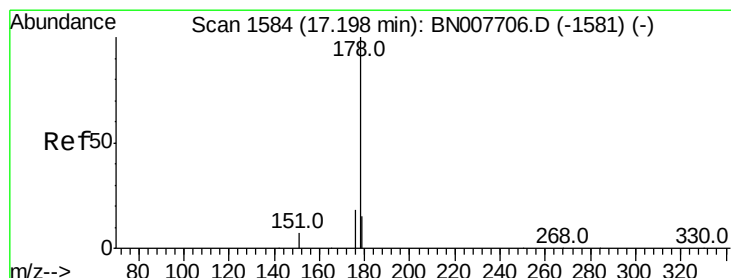
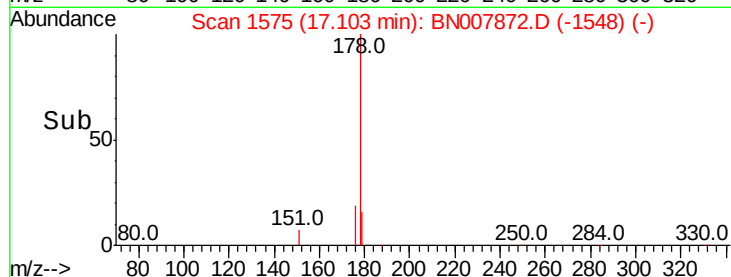
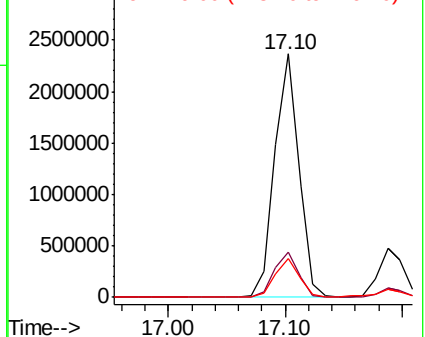
178 100

176 18.6 14.9 22.3

179 16.1 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: 6.252 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

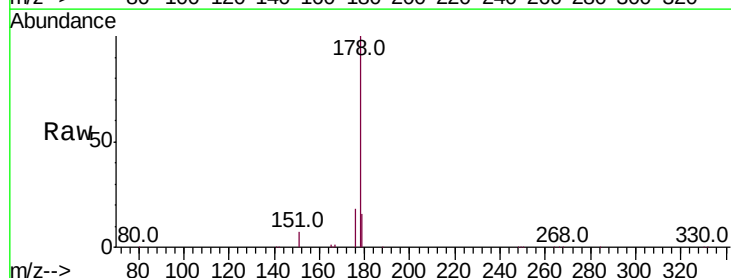
Tgt Ion:178 Resp: 694579

Ion Ratio Lower Upper

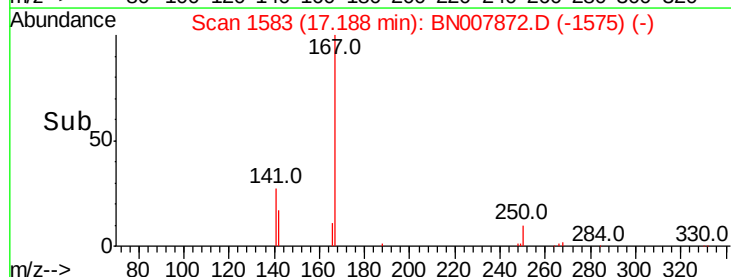
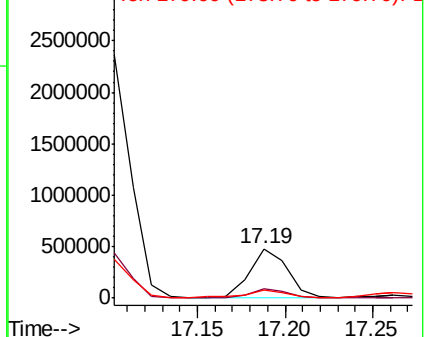
178 100

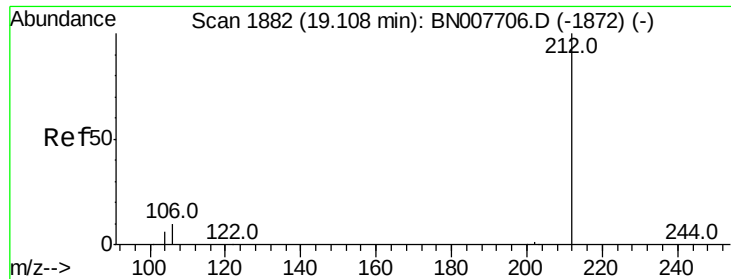
176 17.9 14.6 21.8

179 16.2 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: 0.263 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

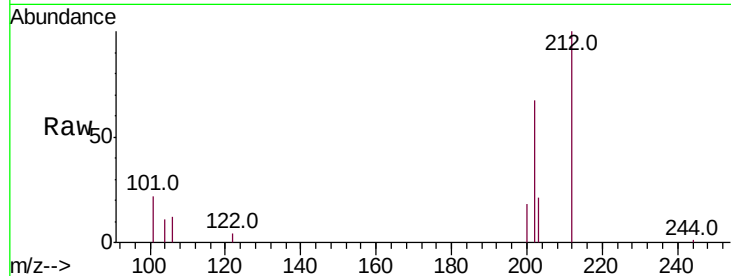
Tot Ion:212 Resp: 35006

Ion Ratio Lower Upper

212 100

106 11.0 9.4 14.0

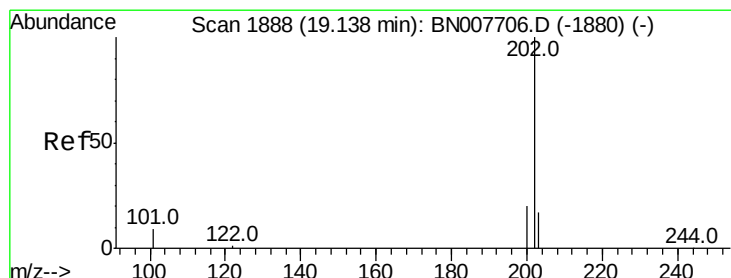
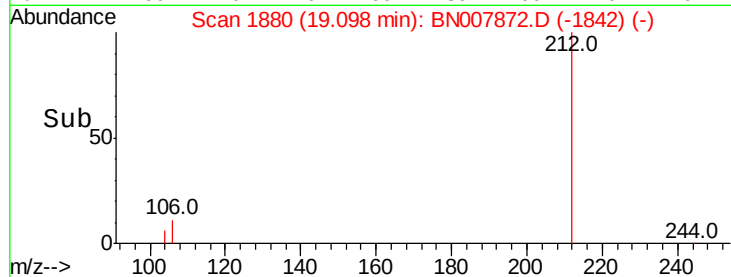
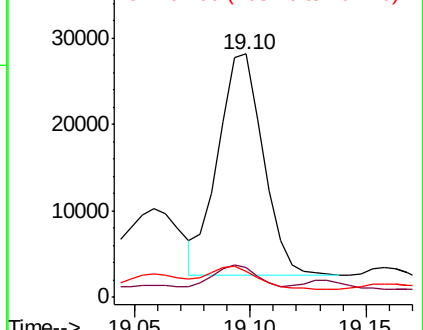
104 11.0 5.3 7.9#



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: 24.891 ng

RT: 19.13 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

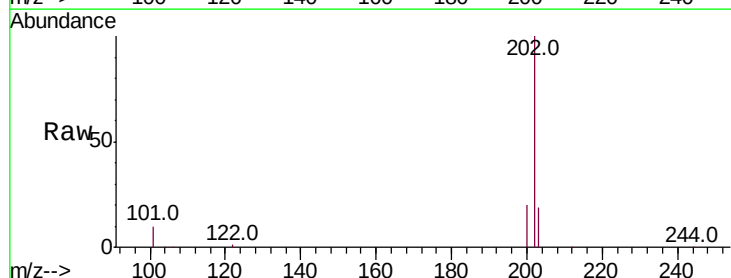
Tgt Ion:202 Resp: 3806963

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

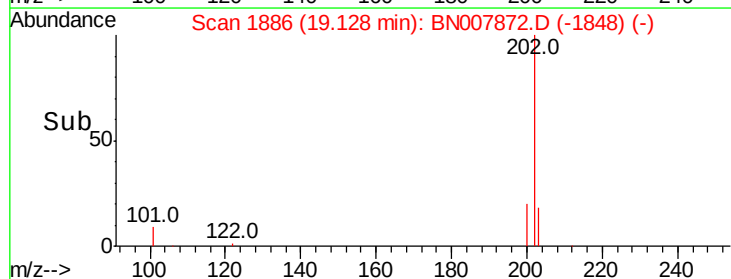
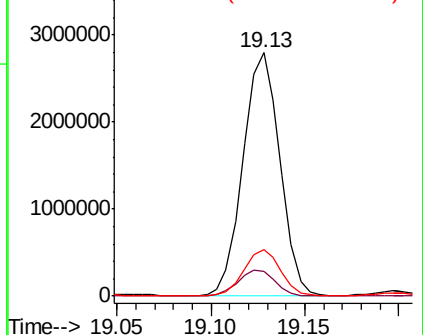
203 18.7 13.8 20.8

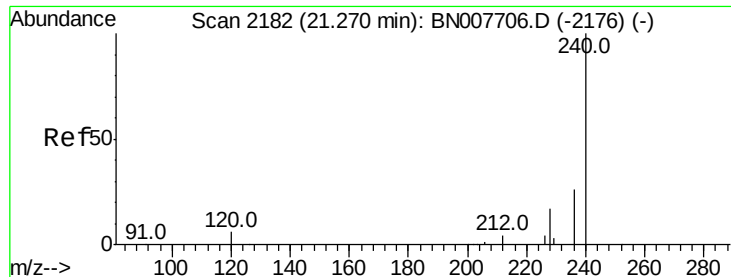


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

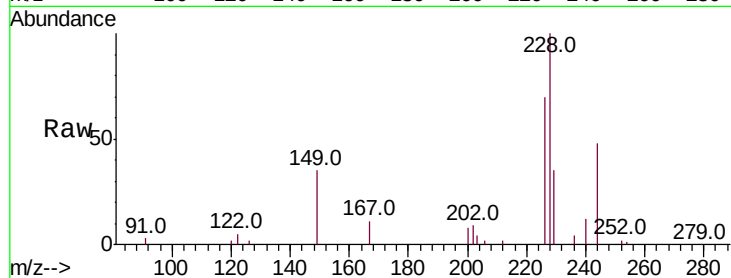
Tot Ion:240 Resp: 48180

Ion Ratio Lower Upper

240 100

120 15.1 5.4 8.2#

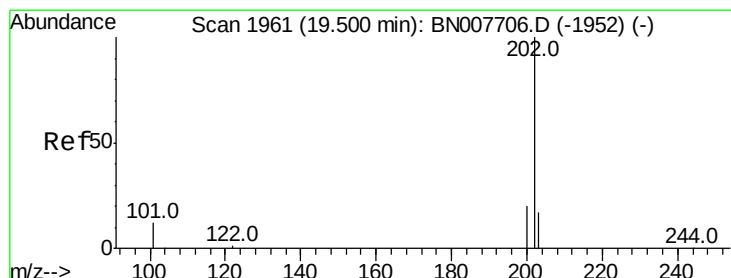
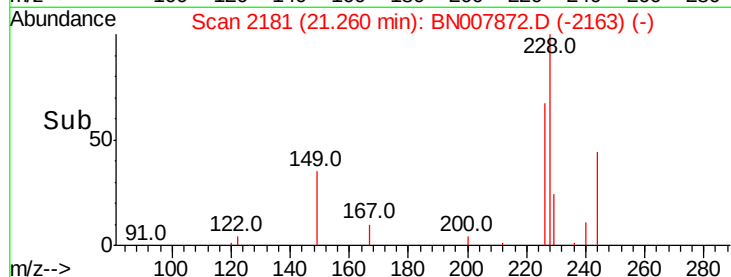
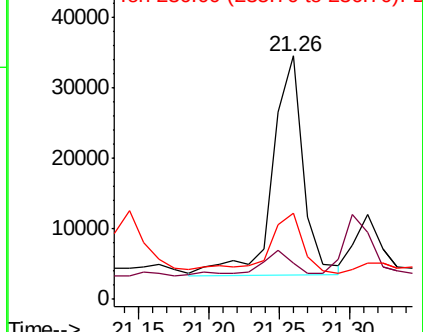
236 35.4 21.0 31.4#



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: 36.215 ng

RT: 19.49 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

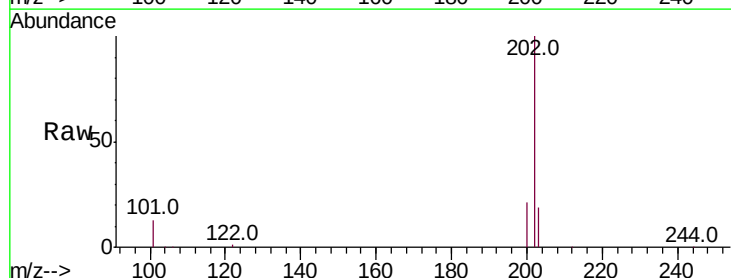
Tgt Ion:202 Resp: 5950884

Ion Ratio Lower Upper

202 100

200 20.9 16.4 24.6

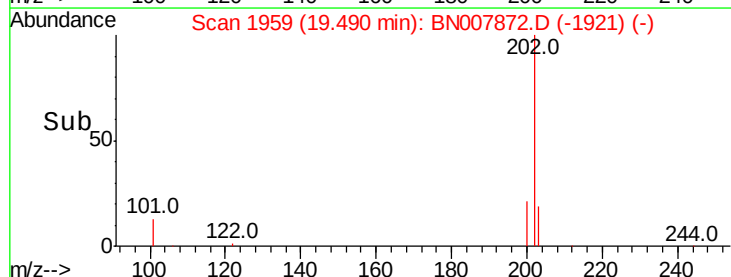
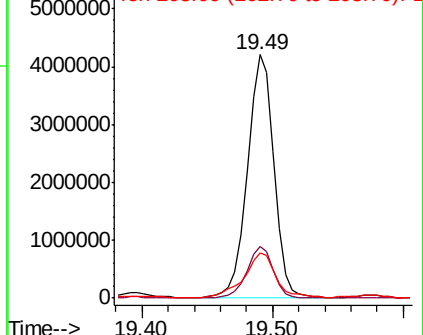
203 22.2 14.1 21.1#

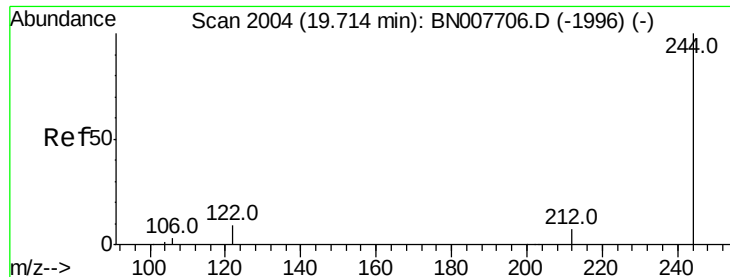


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.300 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

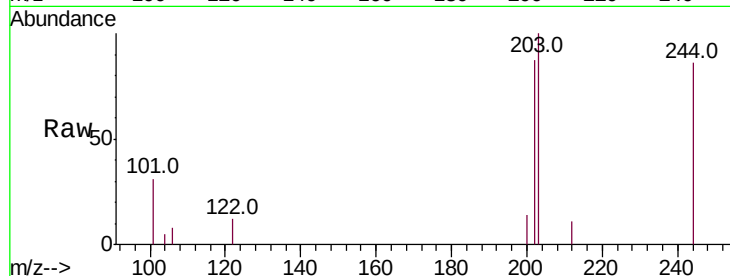
Tot Ion:244 Resp: 35515

Ion Ratio Lower Upper

244 100

212 12.6 5.9 8.9#

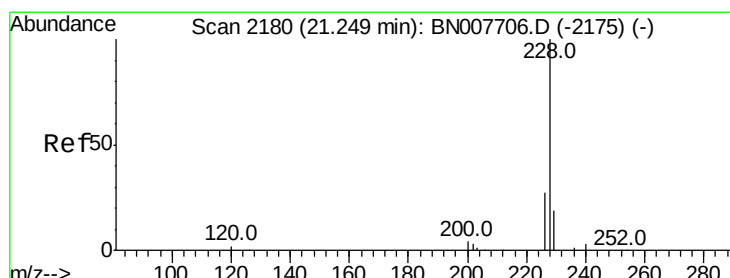
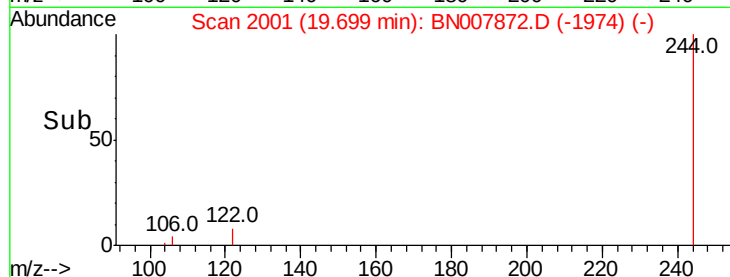
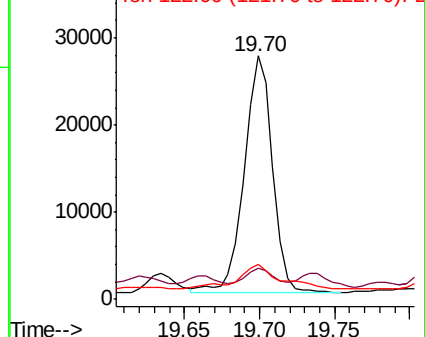
122 14.1 7.4 11.2#



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: 15.287 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

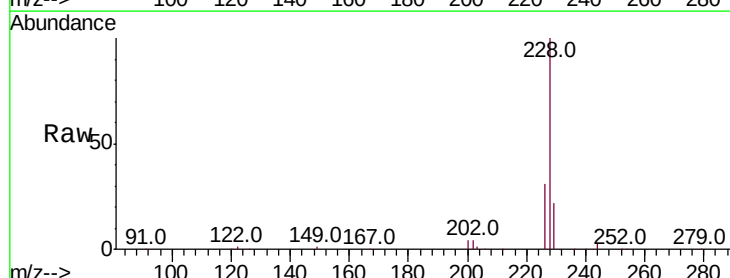
Tgt Ion:228 Resp: 2712279

Ion Ratio Lower Upper

228 100

226 30.6 22.1 33.1

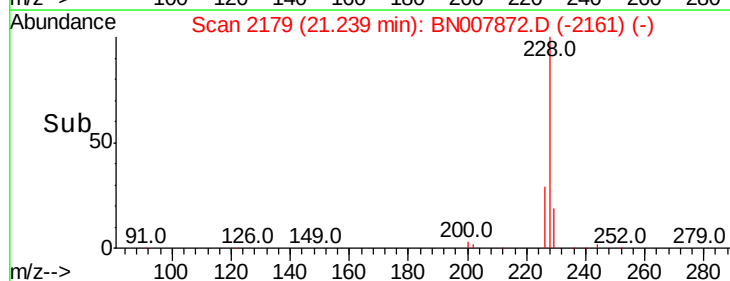
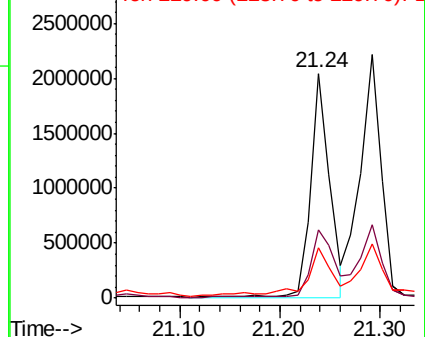
229 22.5 15.8 23.6

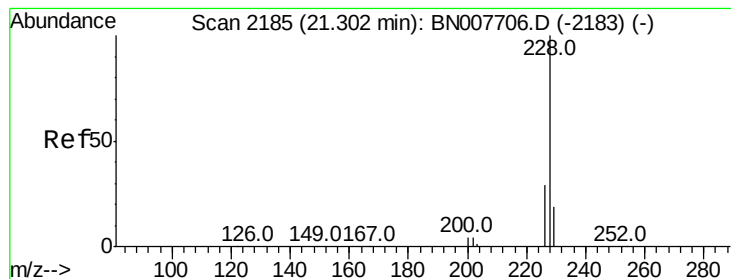


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 18.609 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

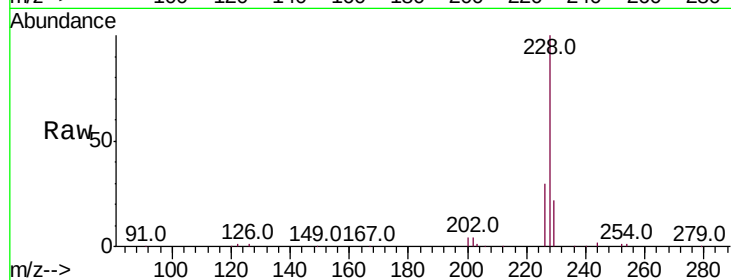
BNA_N

ClientSampleId :

EXT-SW085-091819-3

Tot Ion:228 Resp: 3217748

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	22.4	15.8	23.6

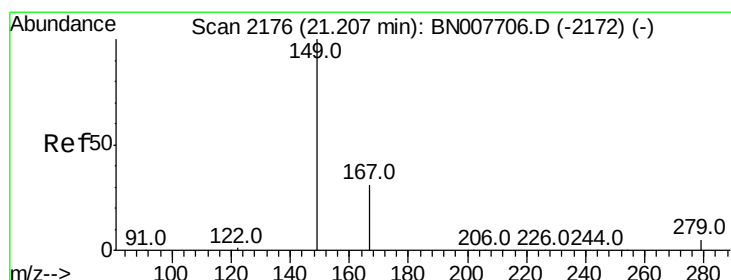
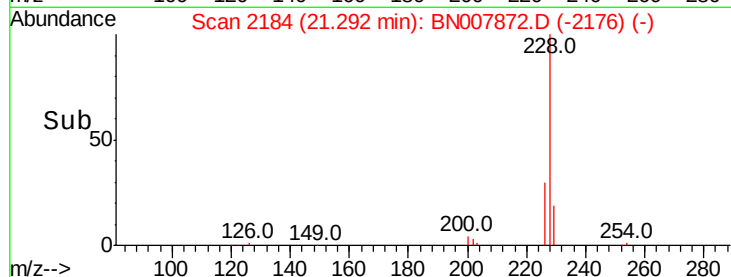
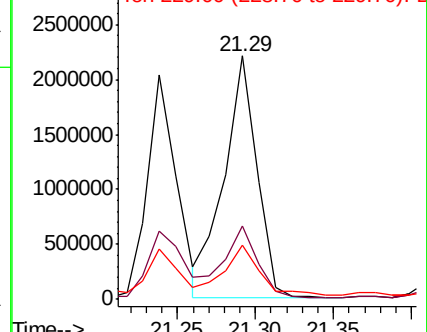


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.407 ng

RT: 21.19 min Scan# 2174

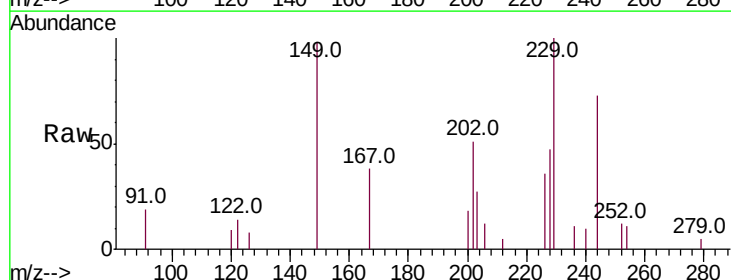
Delta R.T. -0.02 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Tgt Ion:149 Resp: 37167

Ion	Ratio	Lower	Upper
149	100		
167	45.0	23.7	35.5#
279	5.0	4.2	6.2

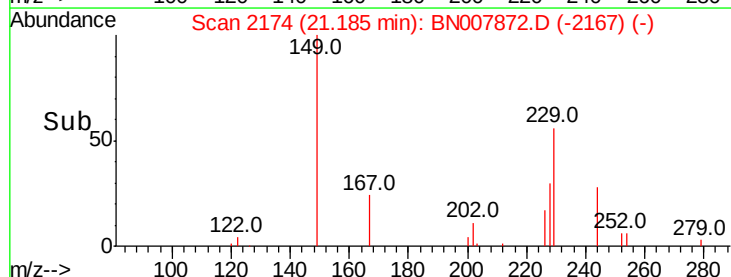
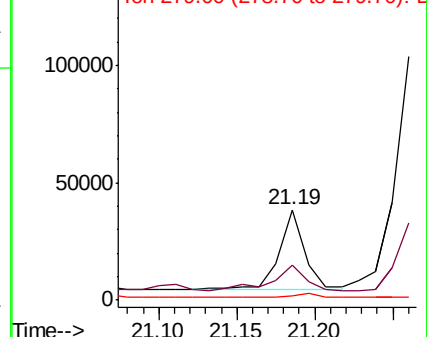


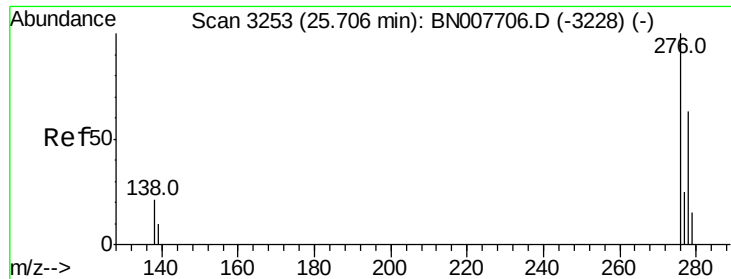
Abundance

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: 6.502 ng

RT: 25.69 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

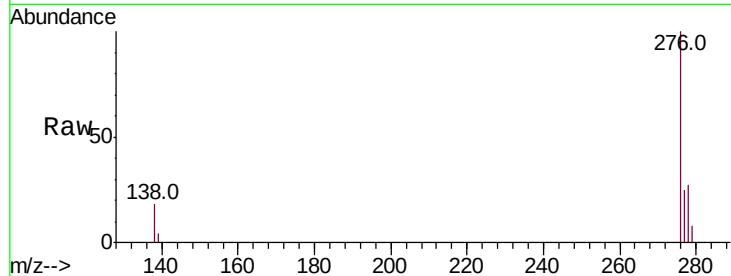
Tot Ion:276 Resp: 1407576

Ion Ratio Lower Upper

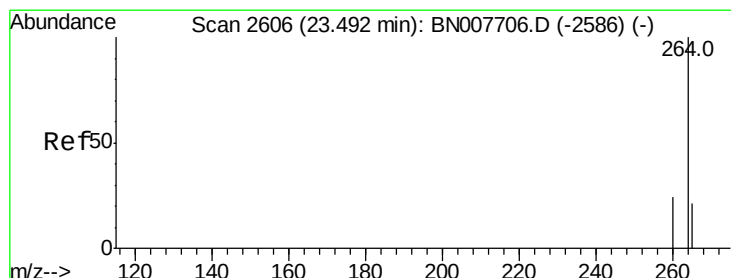
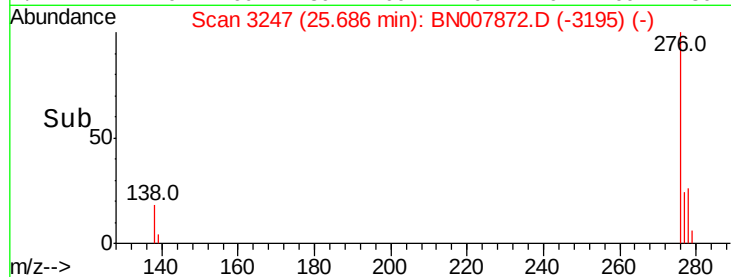
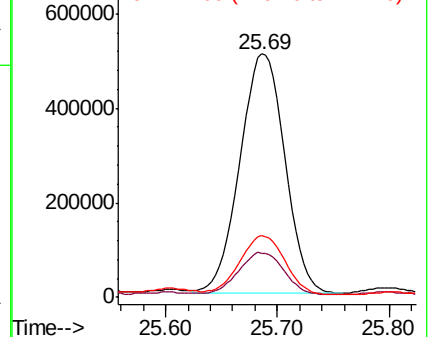
276 100

138 18.0 17.1 25.7

277 25.0 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: 23.47 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

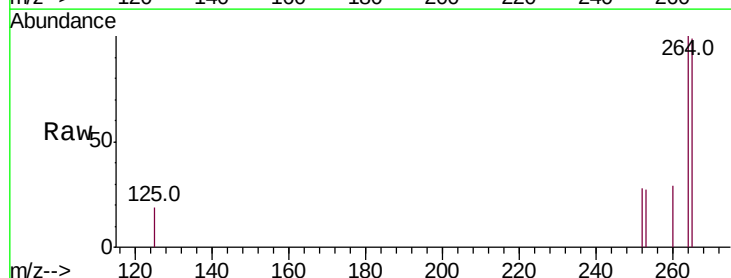
Tgt Ion:264 Resp: 60994

Ion Ratio Lower Upper

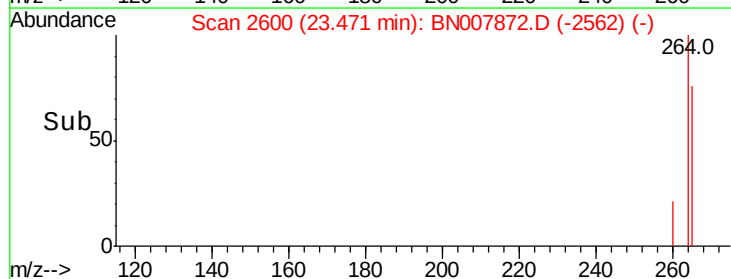
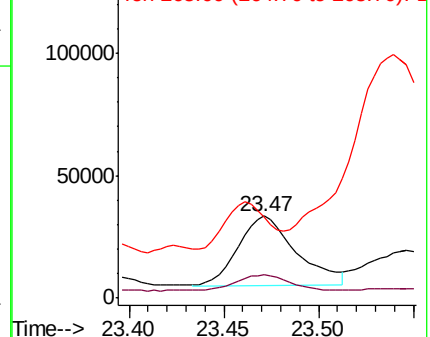
264 100

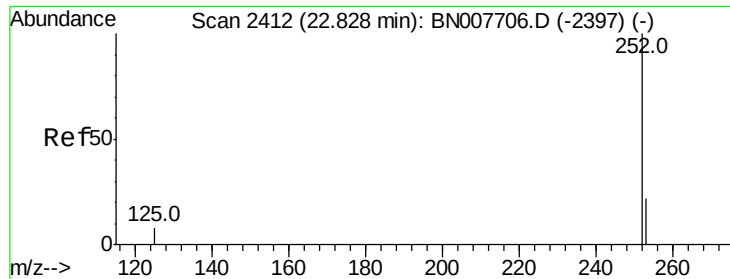
260 28.6 19.3 28.9

265 99.0 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: 16.955 ng

RT: 22.82 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

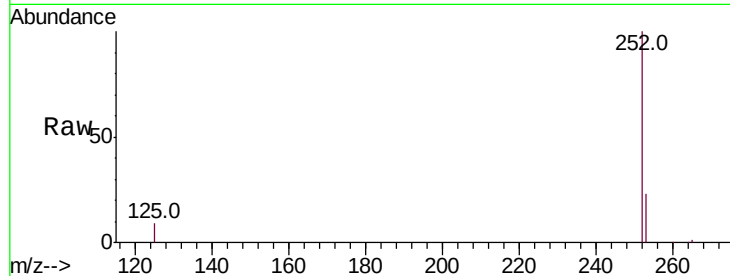
Tot Ion:252 Resp: 3590259

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

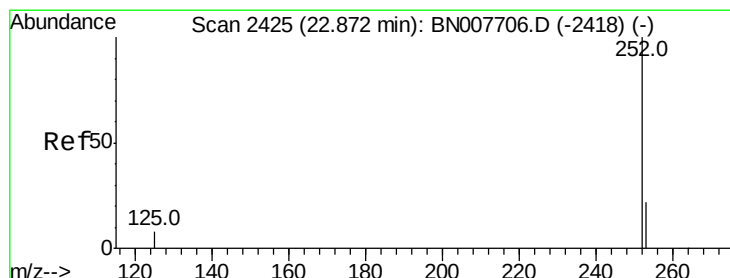
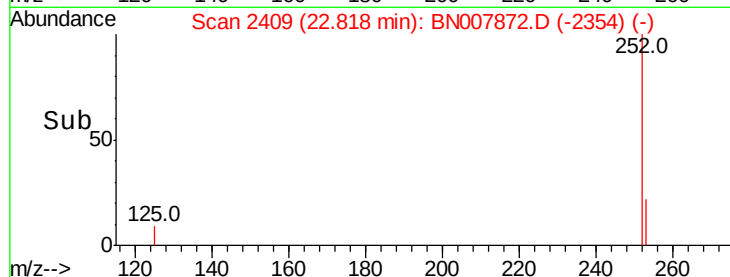
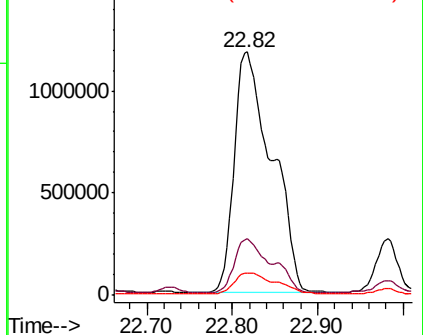
125 9.3 8.2 12.4



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: 17.159 ng

RT: 22.82 min Scan# 2409

Delta R.T. -0.05 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

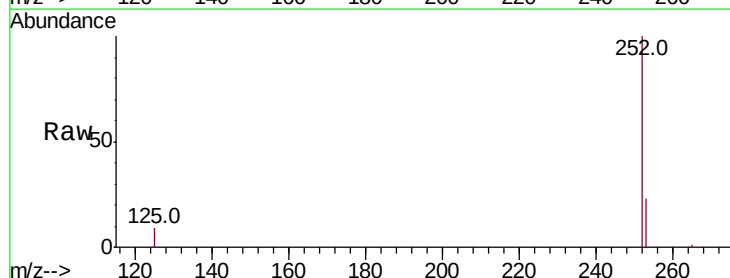
Tgt Ion:252 Resp: 3592789

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

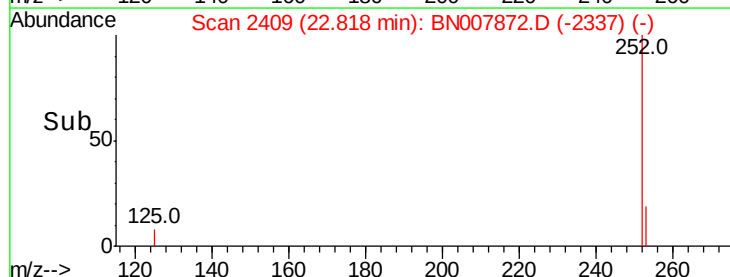
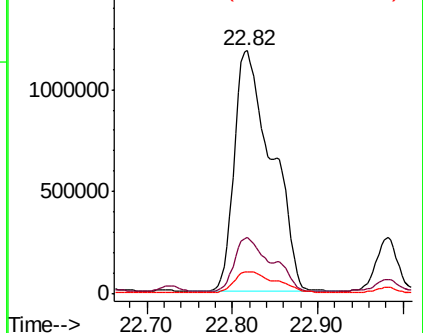
125 9.3 8.4 12.6

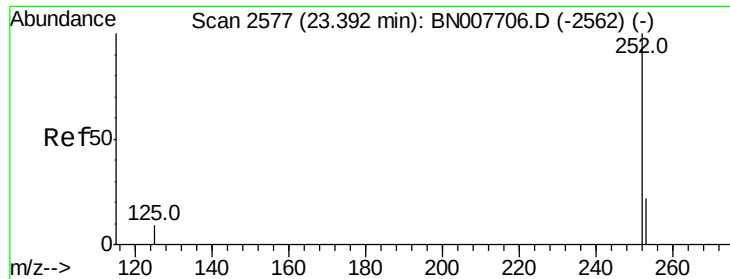


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 11.459 ng

RT: 23.38 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

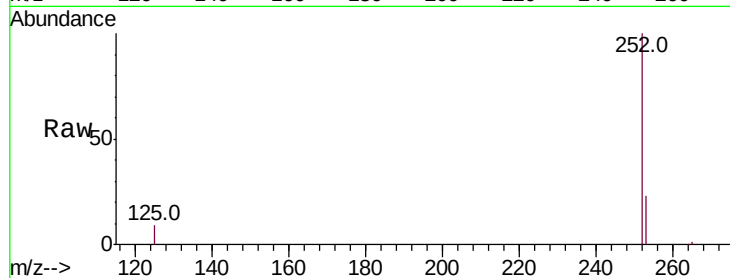
Tot Ion:252 Resp: 2280303

Ion Ratio Lower Upper

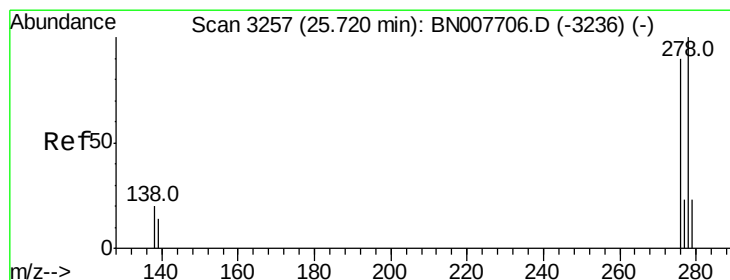
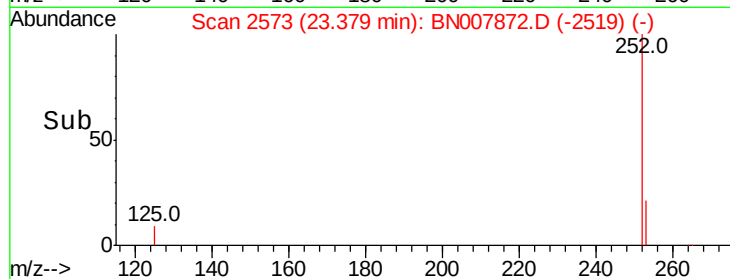
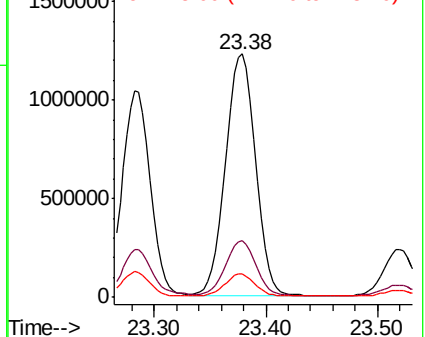
252 100

253 23.1 18.6 27.8

125 9.4 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: 2.138 ng

RT: 25.69 min Scan# 3249

Delta R.T. -0.03 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

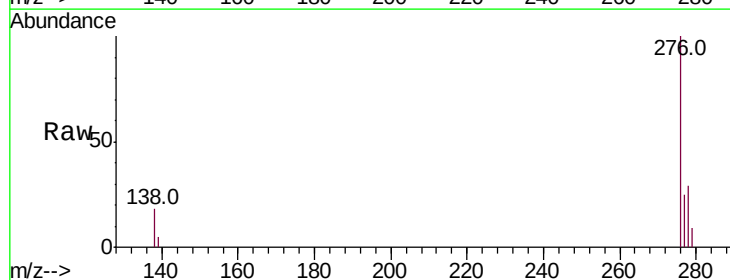
Tgt Ion:278 Resp: 435364

Ion Ratio Lower Upper

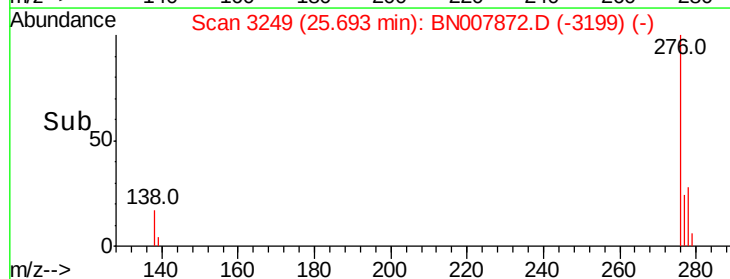
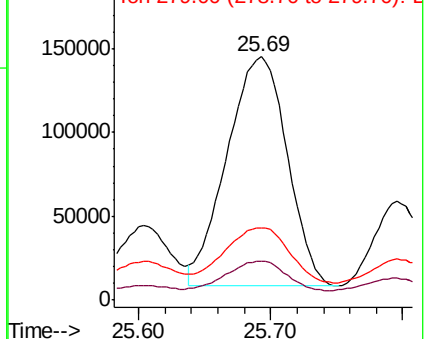
278 100

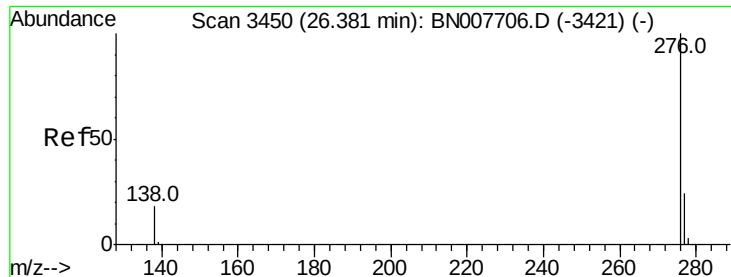
139 16.0 11.8 17.6

279 29.7 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: 8.198 ng

RT: 26.36 min Scan# 3445

Delta R.T. -0.02 min

Lab File: BN007872.D

Acq: 26 Sep 2019 03:18

Instrument :

BNA_N

ClientSampleId :

EXT-SW085-091819-3

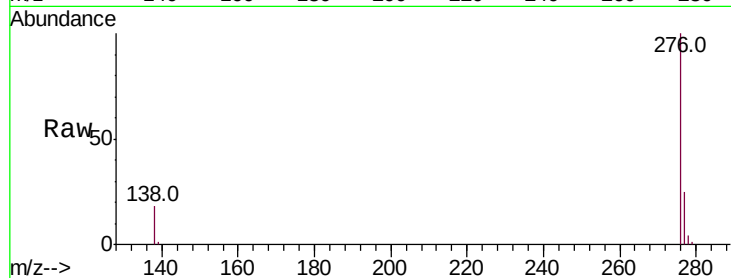
Tot Ion:276 Resp: 1651595

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.8

138 18.3 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

